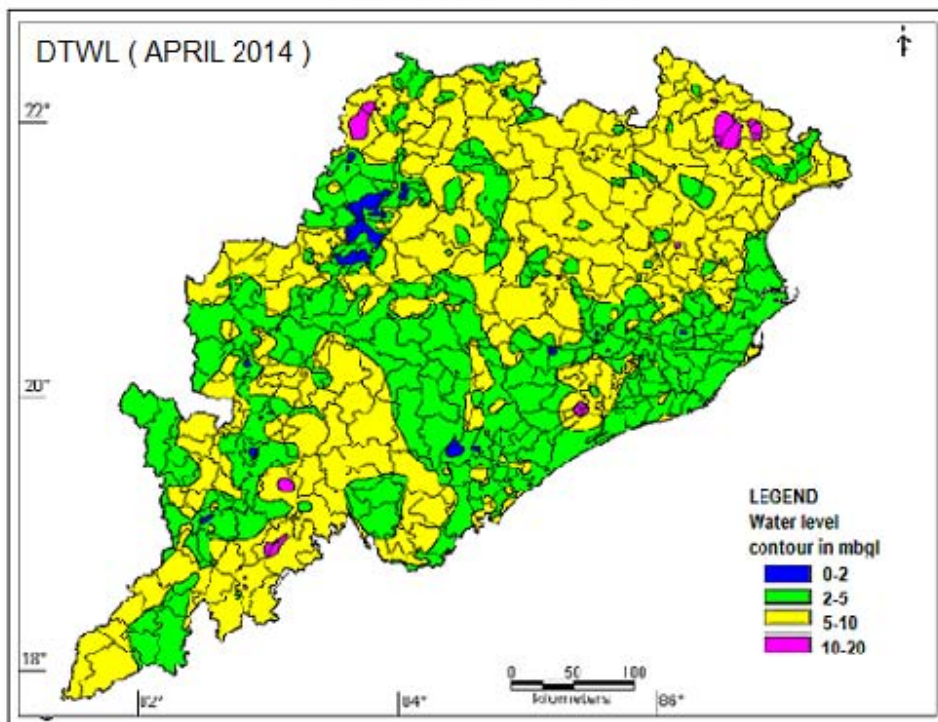


Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
2014 - 2015

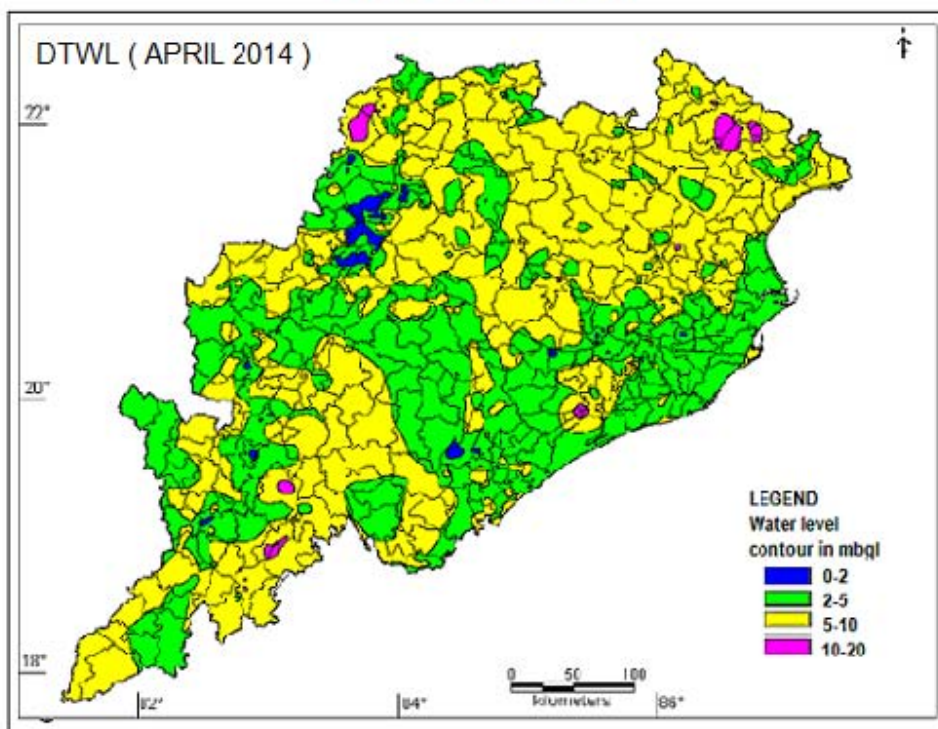


South Eastern Region
Bhubaneswar
September- 2015

Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
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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 1659 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 2014 (April) - 2015 (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-C, Smt. Khusboo Kumari, Scientist-B, Shri. B.B. Sahoo, Scientist-C (Chem), and Shri. B.N. Dehury, Asst. (Chem)**. 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 1659 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 2014, the water level (meter below ground level) in the state varies from minimum of 0.37 magl in Balangir district to a maximum of 13.6 mbgl in Koraput 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 2014, the depth to water level ranges from 0.05 to 7.90 mbgl and in majority (68.3%) of NHS wells level was in the range of 0-2 m below ground level and 28.5% of wells in 2-5 m below ground level.

During November 2014, the depth to water level ranges from 0.14 to 11.5 mbgl and in majority (50%) of NHS wells level was in the range of 2-5 m below ground level and 42% of wells in 0-2 m below ground level. . In general the water level in the state during November 2014 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 2015, that the depth to water level in majority (66.34%) of NHS wells was level in the range of 2-5 m below ground level and 18 % of wells in 5-10 m below ground level. In general the water level in the state during January 2015 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 2014 water level with that of the decadal mean of the corresponding period shows that 11.9%, 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, 60%, 24% and 2.9% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2014 water level with that of the decadal mean of the corresponding period shows that 94.93%, 34.2% and 3.6% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 5.0%, 0.1% and 0.0% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of November 2014 water level with that of the decadal mean of the corresponding period shows that 68.3%, 11.6% and 1.5 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 18%, 8 % and 0.7% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2015 water level with that of the decadal mean of the corresponding period shows that 30 %, 1.8% 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, 63.9%, 3.8% and 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of April 2014 water level with that of the same period of the previous year shows that 54.6%, 7.4% and 3.4% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 30.5%, 1.7%, 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2014 water level with that of the same period of the previous year shows 62.1%, 12.1%, 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, 22.8%, 0.7% 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 2014 water level with that of the same period of the previous year shows that 25.7%, 2.1%, 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, 66.5%, 3.6%, 0.1% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2015 water level with that of the same period of the previous year shows that 25.4%, 0.6%, 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, 69.2%, 2.7%, 0.1% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of August 2014 water level with that of April 2014 shows that 24.5%, 45.3%, 28.7 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 1.3% , 0.1% and 0% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of November 2014 water level with that of April 2014 shows that 39%, 44.5%, 11.6 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 4.6%, 0% and 0% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of January 2015 water level with that of April 2014 shows that 67.6%, 19%, 2.0% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly 9.5%, 0.9% and 0.2% 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 20 to 8820 μ S/cm.

CENTRAL GROUND WATER BOARD
SOUTH EASTERN REGION

GROUND WATER YEAR BOOK 2014-2015

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GROUND WATER YEAR BOOK OF ORISSA **2014– 2015**

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 1659 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.

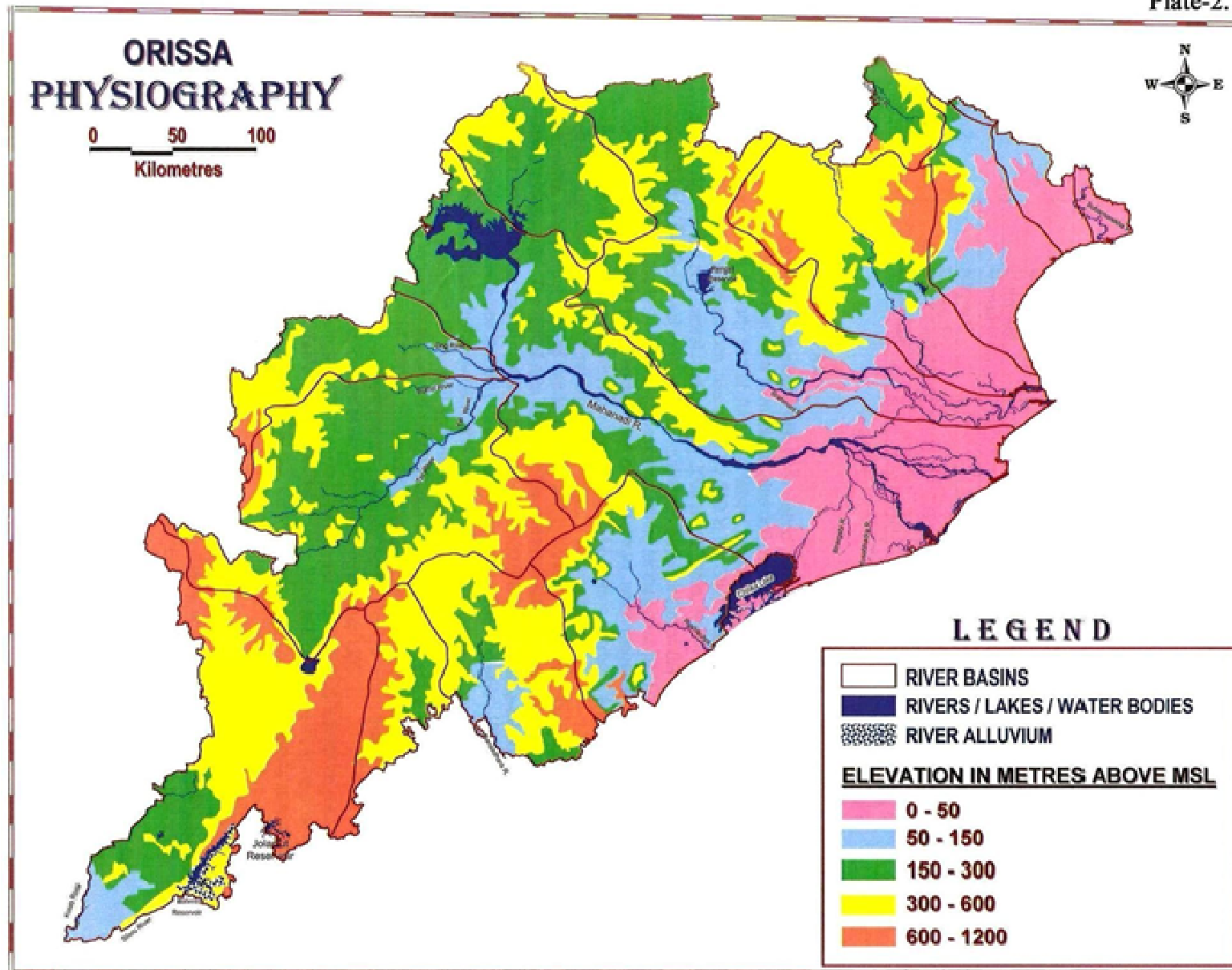
2.0 PHYSIOGRAPHIC FEATURES

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**.

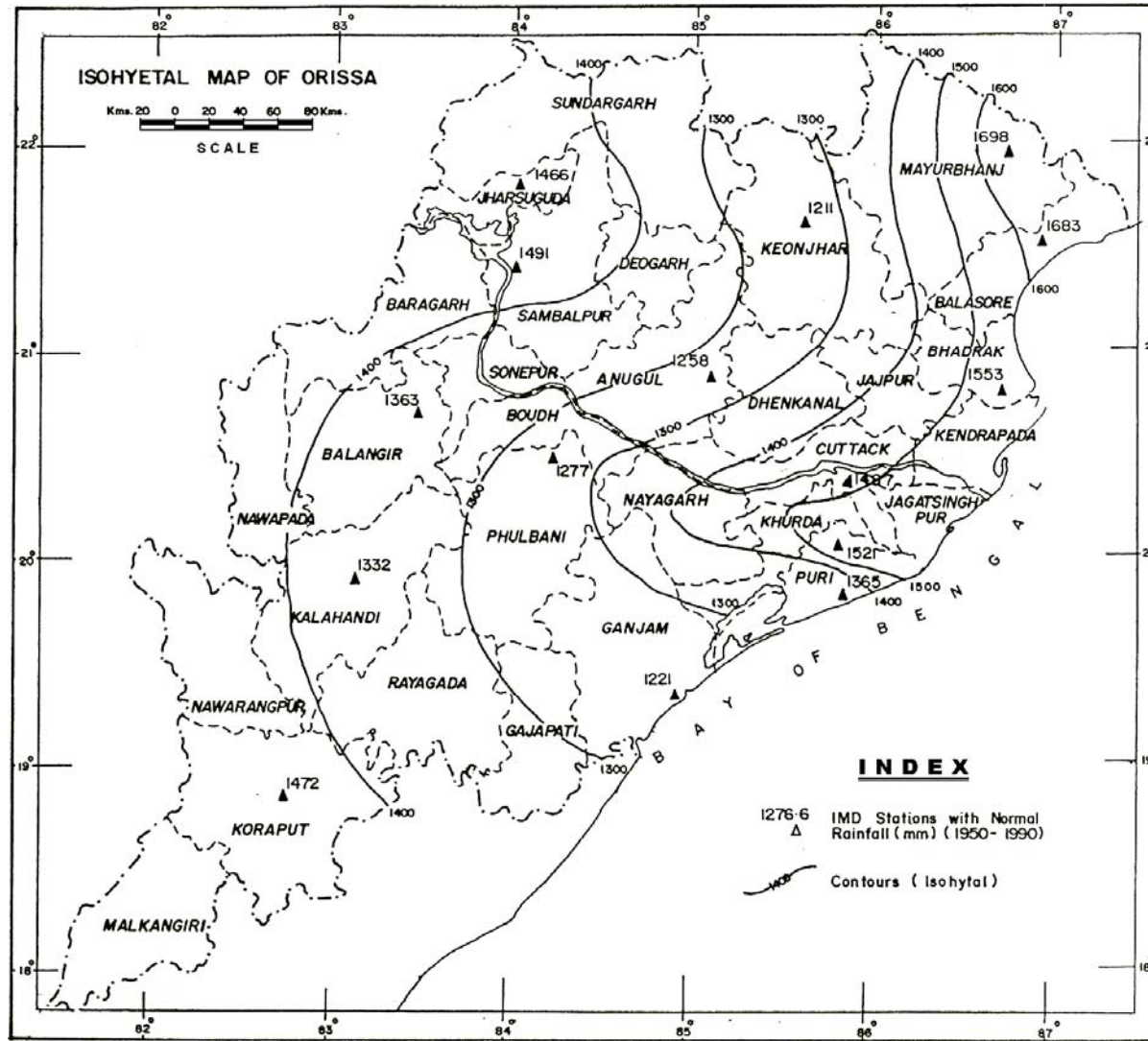
TABLE 3.1

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.

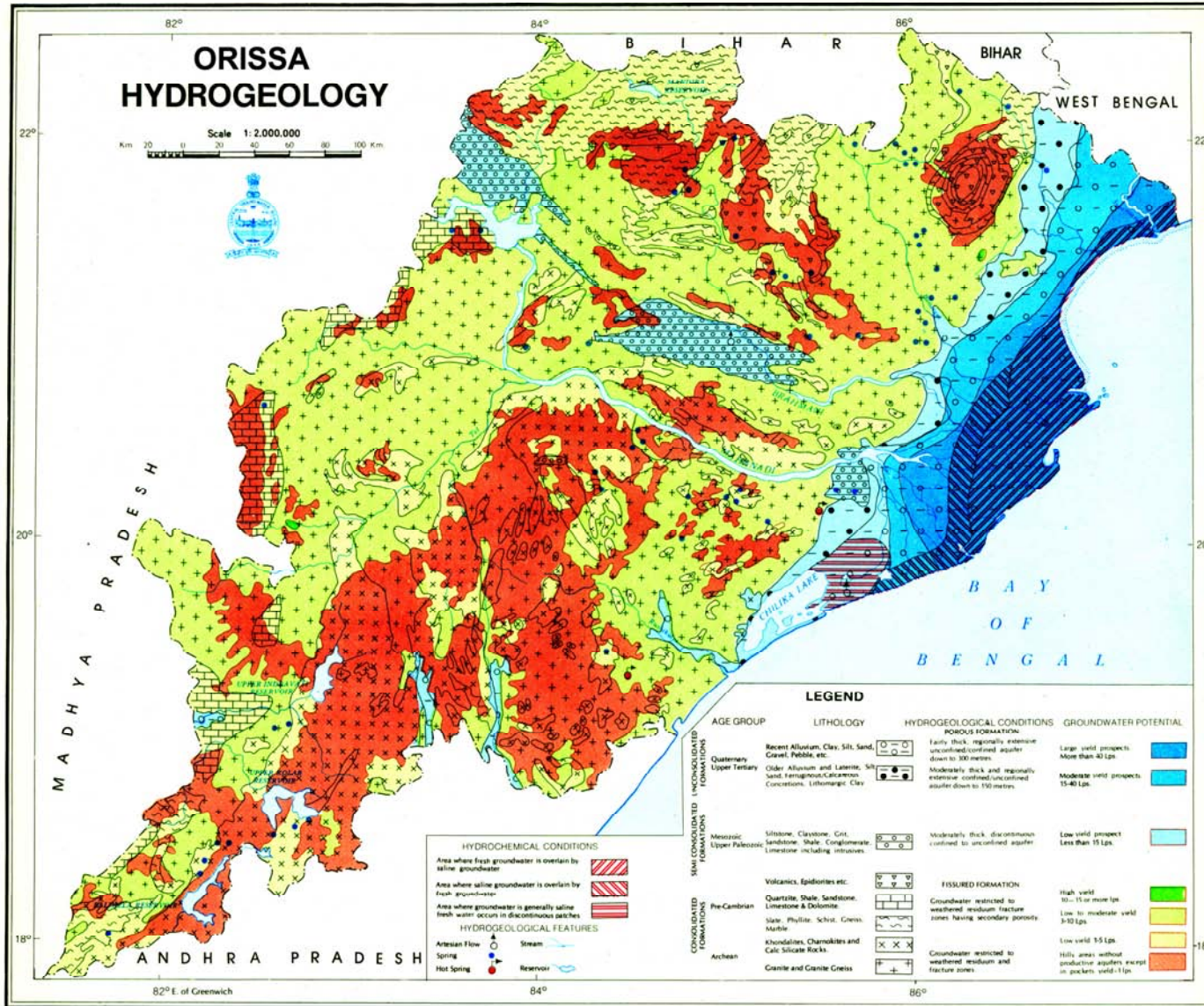
5.1 CONSOLIDATED FORMATIONS

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.

Plate :- 5.1



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.

Responsibility for the correctness of internal details shown on the map rests with the publisher
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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
2014-2015**

SI.NO	Districts	April – 2014	August - 2014	November - 2014	January – 2015
1	ANUGUL	57	57	57	57
2	BALANGIR	68	72	80	87
3	BALESHWAR	35	35	35	36
4	BARGARH	66	71	73	74
5	BAUDH	50	55	57	60
6	BHADRAK	27	27	27	27
7	CUTTACK	90	94	96	96
8	DEBAGARH	10	10	10	10
9	DHENKANAL	45	45	45	45
10	GAJAPATI	32	32	32	38
11	GANJAM	104	104	104	106
12	JAGATSINGHA	22	22	22	22
13	JAJAPUR	49	49	49	55
14	JHARSUGUDA	14	15	15	15
15	KALAHANDI	49	49	49	49
16	KANDHAMAL	29	29	29	29
17	KENDRAPARA	27	29	29	29
18	KENDUJHAR	95	95	95	95
19	KHORDHA	84	84	84	85
20	KORAPUT	56	62	62	64
21	MALKANGIRI	34	38	38	42
22	MAYURBHANJ	89	89	89	89
23	NABARANGAPUR	27	28	28	31
24	NAYAGARH	37	42	46	51
25	NUAPADA	27	28	28	28
26	PURI	94	100	100	100
27	RAYAGADA	22	23	23	23
28	SAMBALPUR	69	71	74	75
29	SONAPUR	40	41	44	44
30	SUNDARGARH	92	94	95	97
30	TOTAL	1540	1590	1615	1659

6.1 DISTRIBUTION OF NATIONAL HYDROGRAPH STATIONS

A total number of 1659 Hydrograph Network Stations have so far been established and are being monitored in the state. Out of 1659 network hydrograph stations, open/dug wells are 1561 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

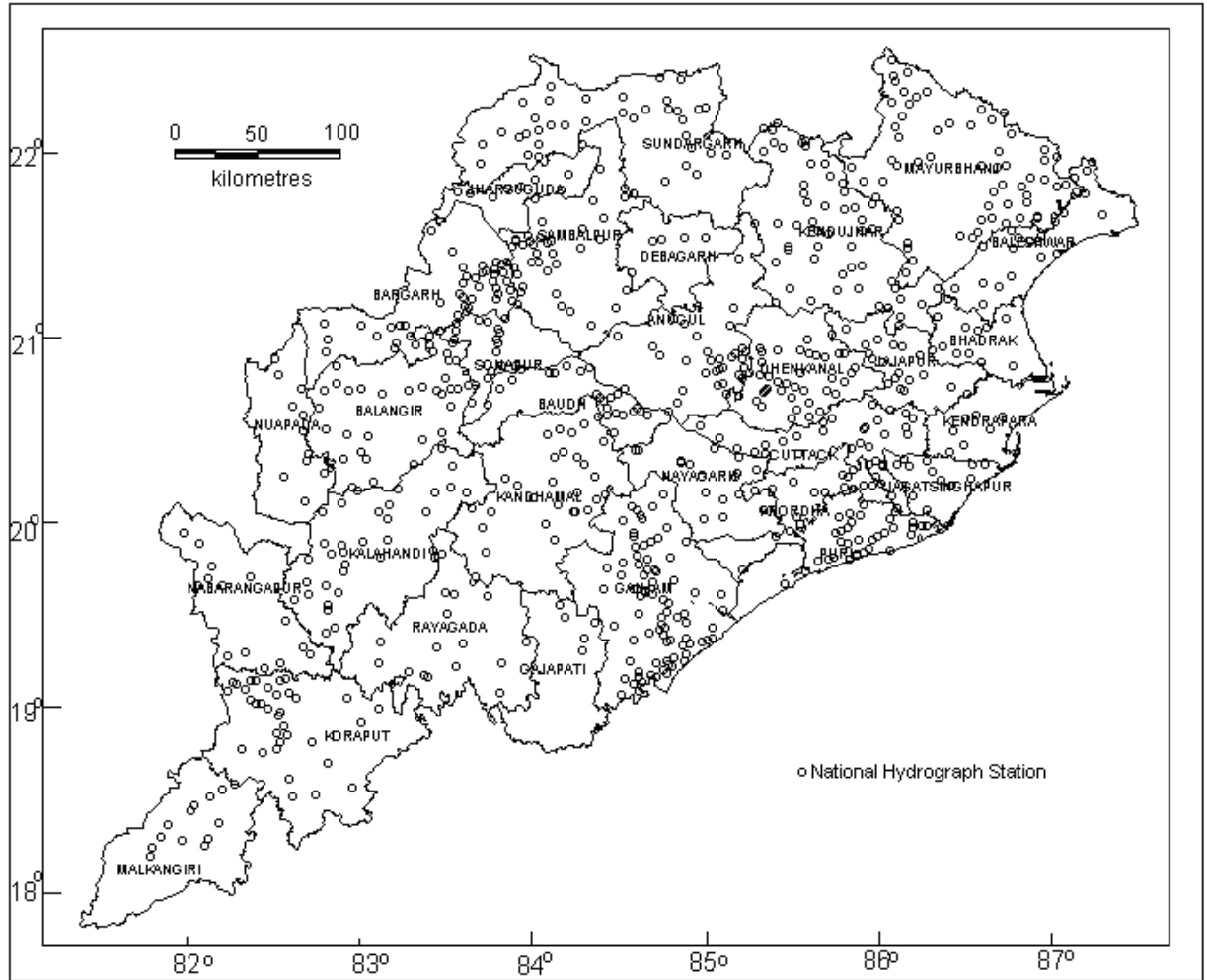
Table – 6.2

BASINWISE DISTRIBUTION OF NHS WELLS		
SL.NO	BASIN/SUB-BASIN	NO. OF NHS
1.	BAITARANI	132
2.	BRAHMANI	163
3.	BURHABALANG	83
4.	GODAVARI	113
5.	MAHANADI	803
6.	NAGAVALLI	43
7.	RUSHIKULYA	145
8.	SUBARNAREKHA	92
9.	VAMSADHARA	85
10.	TOTAL	1659

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.

LOCATION OF NATIONAL HYDROGRAPH STATIONS IN ORISSA



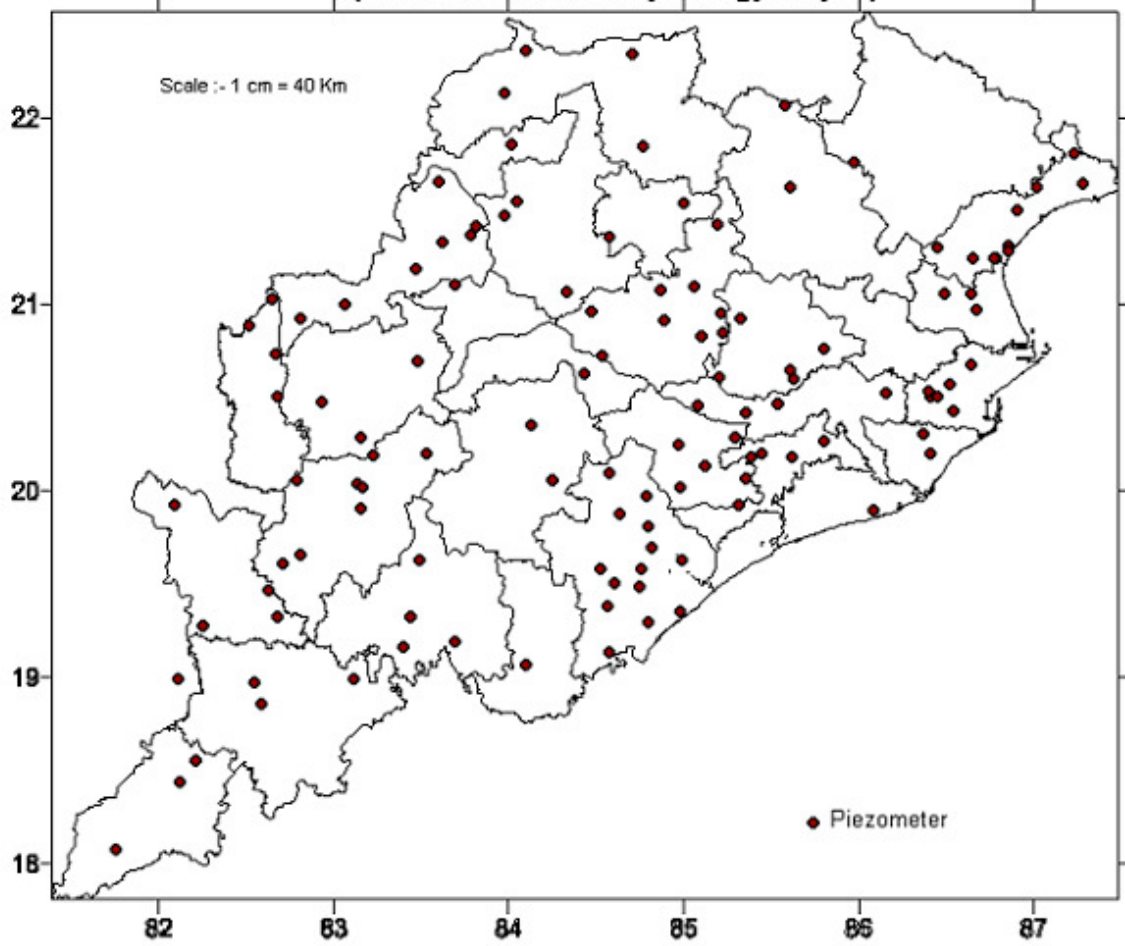
Water level data collected four times a year is subjected to analysis for inferring the change in water levels i.e. rise/ fall and trend in water levels with reference to time and space.

Table -6.3
DISTRIBUTION OF NHS IN IRRIGATION COMMAND AREAS

Sl.No	Command Area	Districts falling in the Command Area	Irrigated Area in Sq. Km.	No. of NHS
1	Hirakud	Sambalpur, Bargarh, Suvarnapur, Bolangir	1570	92
2	Delta Stage-I	Cuttack, Jagatsinghpur	3363	83
3	Delta Stage-II	Kendrapara, Puri, Khurda		71
4	Salki		108	11
5	Rushikulya System	Ganjam	612	43
6	Salandi	Bhadrak, Jajpur	457	17
7	Baitarani	Balasore	327	27
8	Potteru	Koraput	610	23
9	Upper Kolab	Koraput	445	25
10	Upper Indravati	Koraput	1090	21
11	Ong	Bolangir	247	12
12	Lower Suktel	Bolangir	375	24
13	Subarnarekha	Mayurbhanj	1007	29
14	Rengali	Dhenkanal, Keonjhar, Angul	2611	93

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 2014 - 2015

During 2014-2015 the existing 1659 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

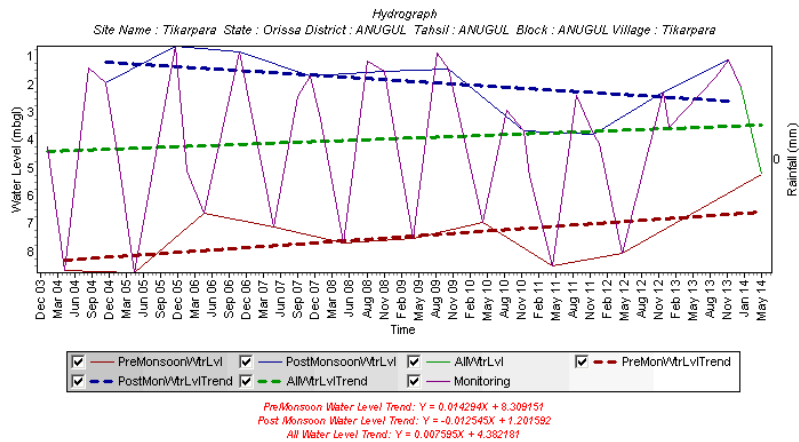
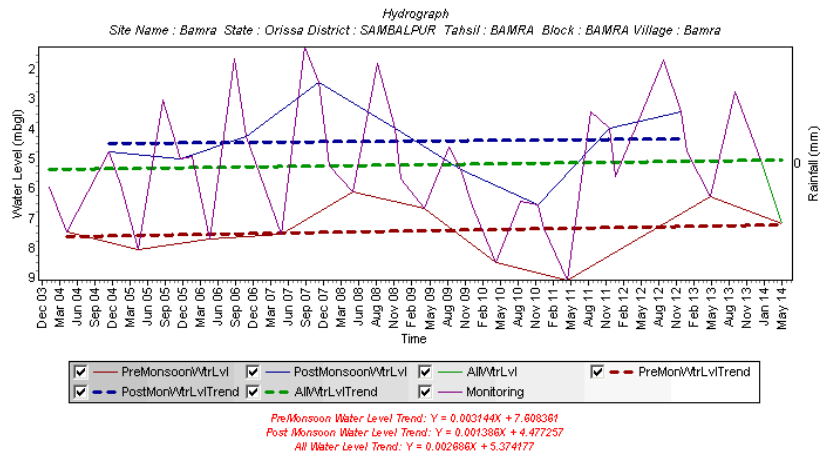
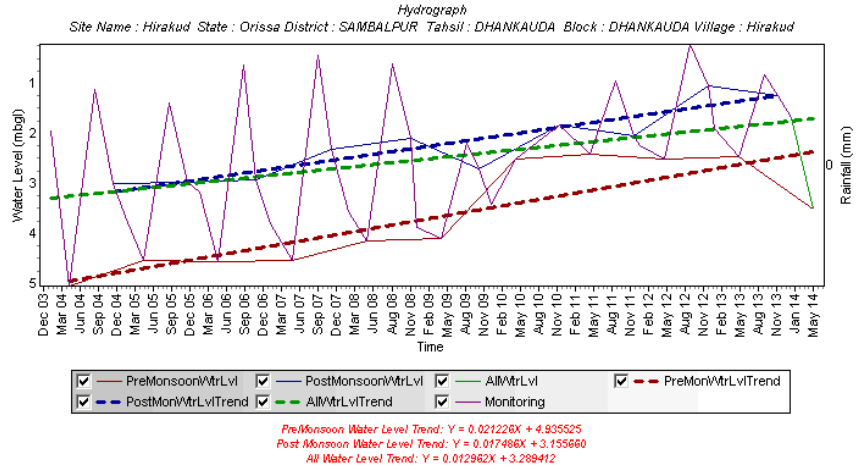
7.1.1 DEPTH TO WATER LEVEL OF APRIL 2014

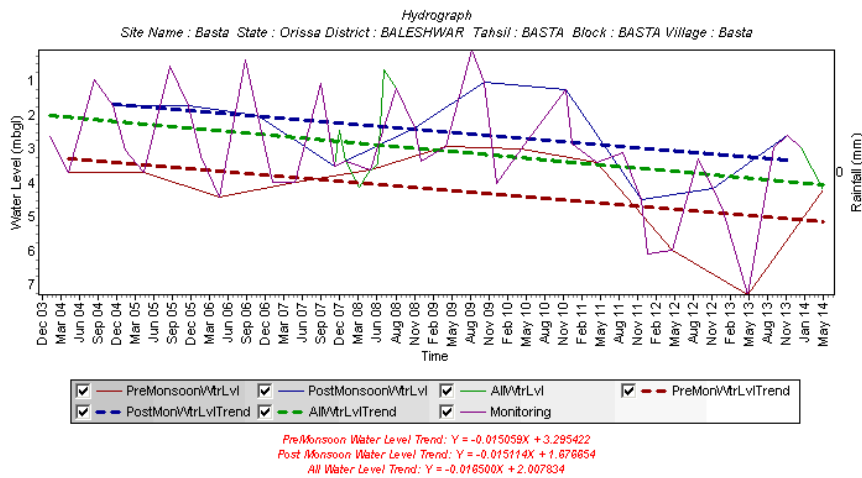
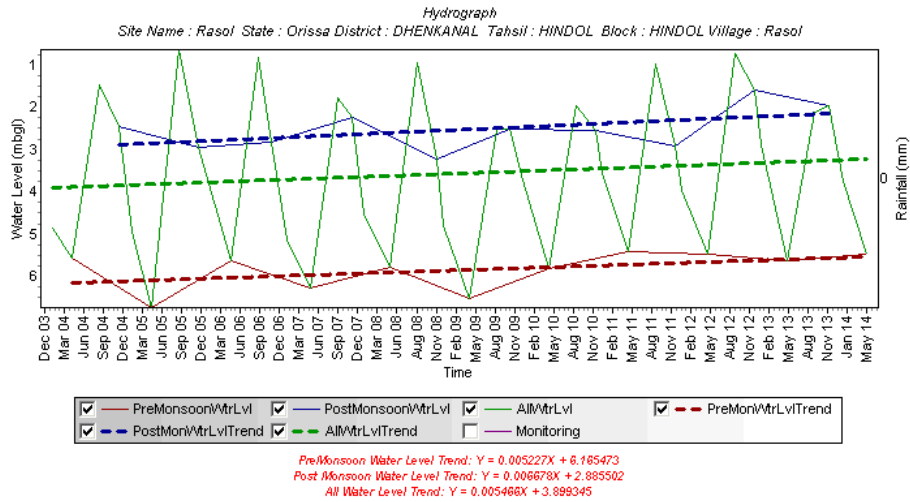
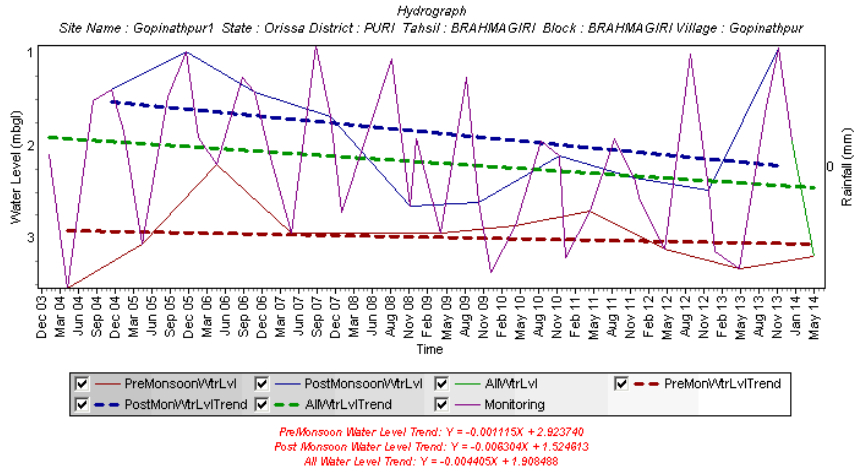
During April 2014, the water level (meter below ground level) in the state varies from minimum of 0.37 magl in Balangir district to a maximum of 13.6 mbgl in Koraput district and water levels mostly range from 2 to 10 mbgl. The depth to water level map has been shown in **Plate-7.1** and district wise well frequency for different ranges of depth to water level are given in **Table- 7.1**.

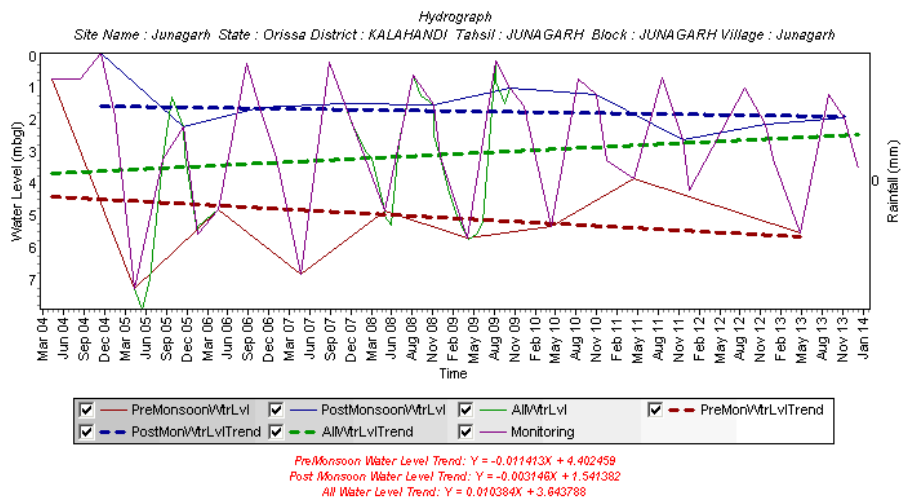
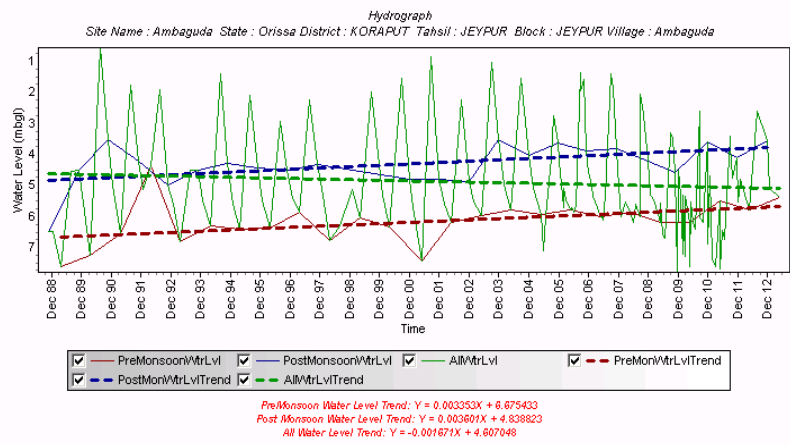
Water level between 0-2 m

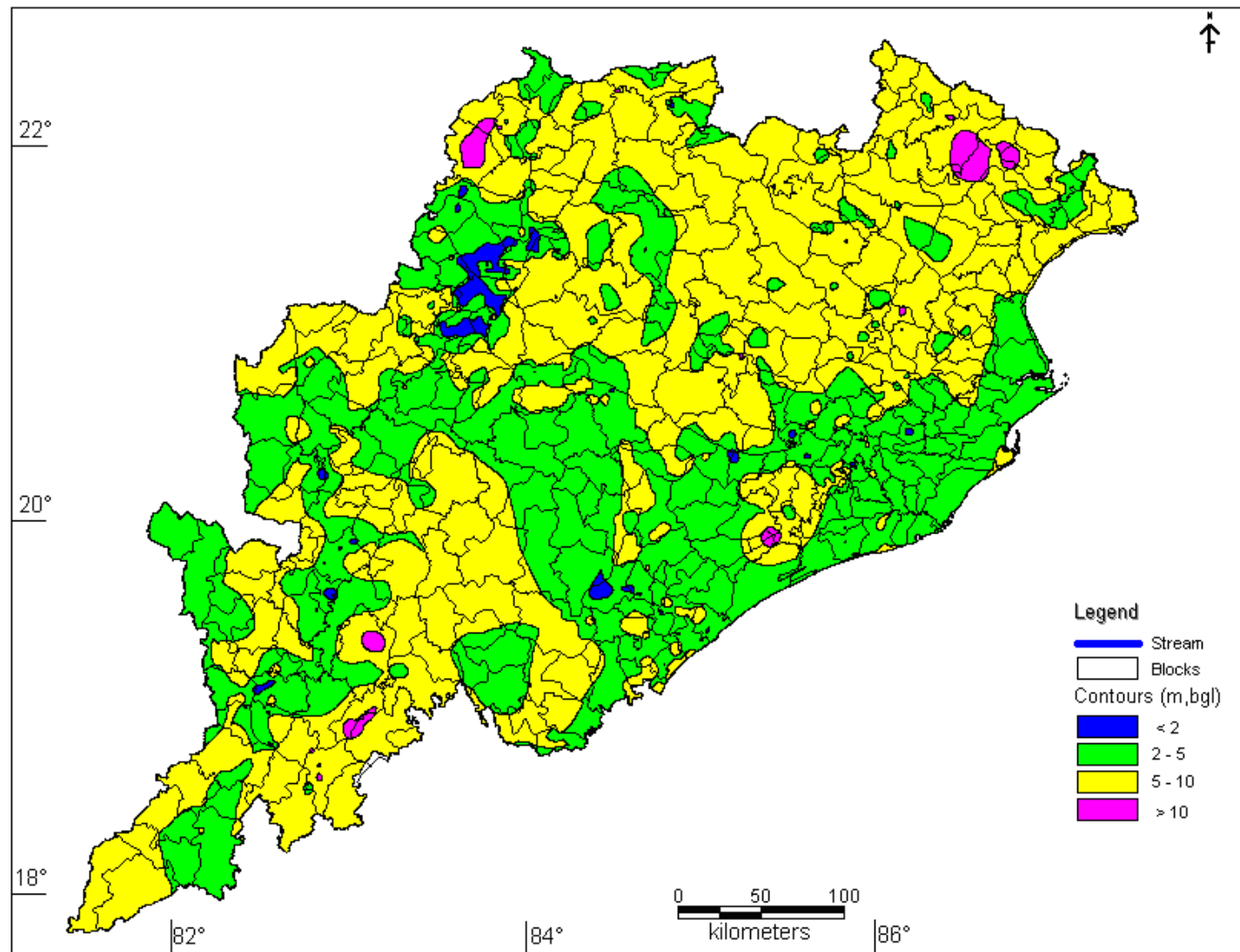
Only 7.9 % of the NHS wells recorded water level in this range during April 2014. This range generally appear as small and isolated patches. Also this range is seen in isolated patches in Canal command areas of Bargarh, Sonapur, Nayagarh, Koraput, Kalahandi and Sambalpur districts with maximum 40% of wells in Bargarh district.

HYDROGRAPHS OF NATIONAL HYDROGRAPHS STATIONS









Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - APRIL 2014 *Table:- 7.1*

DISTRICT	Number of well analysed	Depth to water level (m bgl)		Number and percentage of wells showing											
				> 2 m		2 – 5 m		5-10 m		10 – 20 m		20 – 40 m		>40 m	
		Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	55	2.5	11.8	0		16	29.1	37	67.3	2	3.6	0		0	
BALANGIR	57	0.37	8.72	1	1.8	39	68.4	17	29.8	0		0		0	
BALESHWAR	31	2.59	8.3	0		4	12.9	27	87.1	0		0		0	
BARGARH	65	0.6	9.01	26	40	16	24.6	23	35.4	0		0		0	
BAUDH	49	1.5	7.58	1	2	28	57.1	20	40.8	0		0		0	
BHADRAK	22	3.92	7.39	0		7	31.8	15	68.2	0		0		0	
CUTTACK	85	0.72	8.2	12	14	59	69.4	14	16.5	0		0		0	
DEBAGARH	9	1.85	6.85	1	11	3	33.3	5	55.6	0		0		0	
DHENKANAL	42	2.14	9.82	0		15	35.7	27	64.3	0		0		0	
GAJAPATI	25	2.38	9	0		11	44	14	56	0		0		0	
GANJAM	89	1.22	9.28	9	10	52	58.4	28	31.5	0		0		0	
JAGATSINGHA	22	2.25	5.85	0		21	95.5	1	4.5	0		0		0	
JAJAPUR	43	2.52	7.81	0		8	18.6	35	81.4	0		0		0	
JHARSUGUDA	12	1.15	7.95	1	8.3	3	25	8	66.7	0		0		0	
KALAHANDI	42	1.42	9.8	3	7.1	19	45.2	20	47.6	0		0		0	
KANDHAMAL	0	0	0	0	0	0	0	0	0	0		0		0	
KENDRAPARA	27	2	5.3	1	3.7	25	92.6	1	3.7	0		0		0	
KENDUJHAR	83	3.82	11.8	0		18	21.7	64	77.1	1	1.2	0		0	
KHORDHA	80	0.5	12.3	8	10	34	42.5	33	41.3	5	6.3	0		0	
KORAPUT	53	1.1	13.6	6	11	16	30.2	27	50.9	4	7.5	0		0	
MALKANGIRI	17	2.3	7.55	0		11	64.7	6	35.3	0		0		0	
MAYURBHANJ	75	3.98	14.1	0		15	20	55	73.3	5	6.7	0		0	
NABARANGAPU	22	1	10	1	4.5	5	22.7	16	72.7	0		0		0	
NAYAGARH	34	0.91	7.65	1	2.9	24	70.6	9	26.5	0		0		0	
NUAPADA	20	1	7.25	1	5	11	55	8	40	0		0		0	
PURI	87	1.13	11	13	14	65	74.7	8	9.2	1	1.1	0		0	
RAYAGADA	20	2.15	12.2	0		14	70	5	25	1	5	0		0	
SAMBALPUR	64	0.51	10.9	7	10	21	32.8	35	54.7	1	1.6	0		0	
SONAPUR	38	0.45	7.93	9	23	14	36.8	15	39.5	0		0		0	
SUNDARGARH	80	0.7	12.3	6	7.5	36	45	32	40	6	7.5	0		0	
TOTAL	1348			107	7.9	610	45.3	605	44.9	26	1.9	0		0	00

Water level between 2-5 m

45.3% of the total NHS wells recorded water level in this range during April 2014. The coastal districts of the state has the maximum number of wells showing this range of water level i.e., Puri (74.7%), Cuttack (69.4%), Ganjam (58.4%) Kendrapara (92.6%), and Jagatsinghpur (95.5%). 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

44.9% 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 2014. 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 (87.1%), Jajpur (81.4%), Bhadrak (68.2%), Dhenkanal (64.3%), Jharsuguda (66.7%) and minimum in Jagatsinghpur (4.5%) district. Partially all the district of Orissa show this category.

Water level between 10-20 m

1.9% of the wells of the state fall in this category. It is mostly in the hilly districts like Mayurbhanj (6.7%), Sundargarh (7.5%), Anugul (3.6%), Khorda(6.3%), Rayagada (5.3%), and Keonjhar (1.2%).

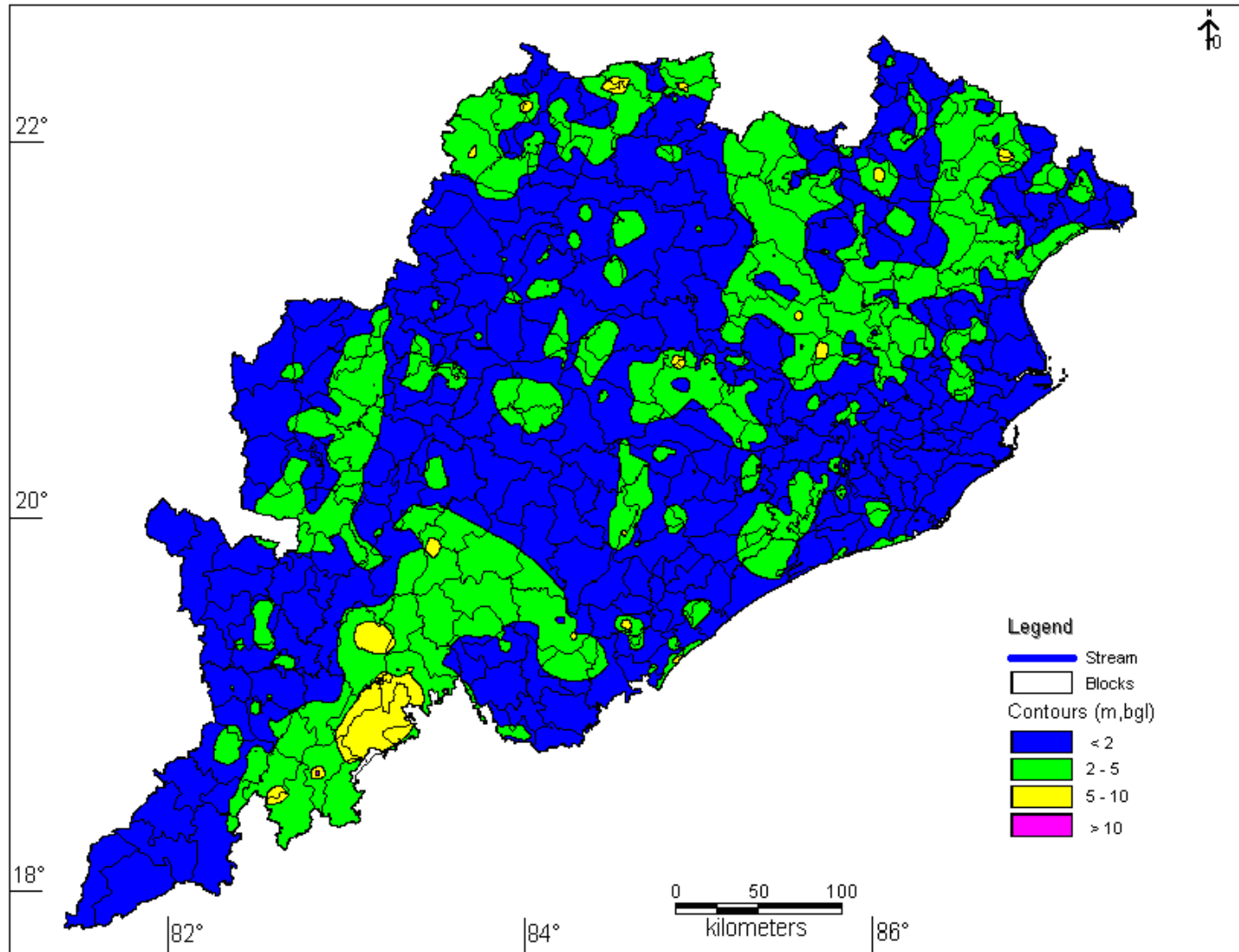
Water level more than 20m

No well have shown more than 20m of water level during April 2014.

In general, it can be said that during the month of April 2014, 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 2014

A perusal of data and maps pertaining to August 2014 shows that the depth to water level ranges from 0.05 to 7.90 mbgl and in majority (68.3%) of NHS wells level was in the range of 0-2 m below ground level and 28.5% of wells in 2-5 m below ground level. The district-wise depth to water level of August 2014 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 2014 *Table:- 7.2*

DISTRICT	Number of well analysed	Depth to water level (m bgl)		Number and percentage of wells showing											
		Min	Max	> 2 m		2 – 5 m		5-10 m		10 – 20 m		20 – 40 m		>40 m	
				No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	49	0.13	7.72	29	59	18	36.7	2	4.1	0		0		0	
BALANGIR	61	0.12	5.4	34	55	25	41	2	3.3	0		0		0	
BALESHWAR	33	0.21	5.2	12	36	20	60.6	1	3	0		0		0	
BARGARH	69	0.33	3.94	62	89	7	10.1	0		0		0		0	
BAUDH	52	0.05	5.38	42	80	9	17.3	1	1.9	0		0		0	
BHADRAK	22	0.34	3.2	13	59	9	40.9	0		0		0		0	
CUTTACK	92	0	5.35	82	89	9	9.8	1	1.1	0		0		0	
DEBAGARH	10	0.95	2.85	8	80	2	20	0		0		0		0	
DHENKANAL	40	0.12	6.5	25	62	12	30	3	7.5	0		0		0	
GAJAPATI	24	0.2	5.45	17	70	6	25	1	4.2	0		0		0	
GANJAM	87	0.1	7.1	71	81	13	14.9	3	3.4	0		0		0	
JAGATSINGHA	22	0.7	2	22	100	0		0		0		0		0	
JAJAPUR	44	0.62	3.53	13	29	31	70.5	0		0		0		0	
JHARSUGUDA	15	0.55	3.65	10	66	5	33.3	0		0		0		0	
KALAHANDI	43	0.3	6.2	27	62	15	34.9	1	2.3	0		0		0	
KANDHAMAL	0														
KENDRAPARA	29	0.4	2	29	100	0		0		0		0		0	
KENDUJHAR	87	0.92	4	40	46	47	54	0		0		0		0	
KHORDHA	80	0.05	5.65	51	63	27	33.8	2	2.5	0		0		0	
KORAPUT	58	0.1	12.3	29	50	19	32.8	9	15.5	1	1.7	0		0	
MALKANGIRI	23	0.4	1.4	23	100	0		0		0		0		0	
MAYURBHANJ	84	0.58	7.36	47	56	35	41.7	2	2.4	0		0		0	
NABARANGAPU	25	0.35	2.9	17	68	8	32	0		0		0		0	
NAYAGARH	39	0.01	3.8	32	82	7	17.9	0		0		0		0	
NUAPADA	23	0.45	4.6	17	73	6	26.1	0		0		0		0	
PURI	90	0.21	6.82	68	75	19	21.1	3	3.3	0		0		0	
RAYAGADA	21	0.6	7.85	13	61	5	23.8	3	14.3	0		0		0	
SAMBALPUR	70	0.15	5.15	54	77	15	21.4	1	1.4	0		0		0	
SONAPUR	41	0	3.75	38	92	3	7.3	0		0		0		0	
SUNDARGARH	84	0.25	7.9	44	52	32	38.1	8	9.5	0		0		0	
TOTAL	1417			969	68	404	28.5	43	3	1	0.1	0	0	0	0

Water level between 0-2 m

68.3% of the wells monitored in the state has water level in this range. The districts like Jagatsinghpur (100%), Kendrapara (100%), Malkangiri (100%) and Sonapur (92%) 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

28.5 % of the wells monitored showed water level in this range. Among the coastal district Bhadrak (40.9 %), Jajpur (70.5%), Baleswar(60.6%)and parts of Puri, Ganjam and Gajapati had 2 to 5 mbgl of water level. In the central and western Odisha, Nawapara (26.1%), Balangir (41.0%), Anugul (36.7%), Mayurbhanj (41.7%) and Sundargarh (38.1%) showed water level in this range. All the districts of the state have recorded in this range except Jagatsingpur, Kendrapara and Malkangiri, 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 3.0% of the wells in the state. 15.5 %of wells in Koraput and 14.3% in Rayagada district showed water level more than 10% 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 1 well fall in this category and both are from Koraput district.

Water level greater than 20 m

None of the wells monitored during August 2014 showed water level in this range.

In general the water level in the state during August 2014 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 2014

A perusal of data and maps pertaining to November 2014 shows that the depth to water level ranges from 0.14 to 11.5 mbgl and in majority (50%) of NHS wells level was in the range of 2-5 m below ground level and 42% of wells in 0-2 m below ground level. The district-wise depth to water level of November 2014 is shown in **Table 7.3** and the depth to water level map has been shown in **Plate-7.3**.

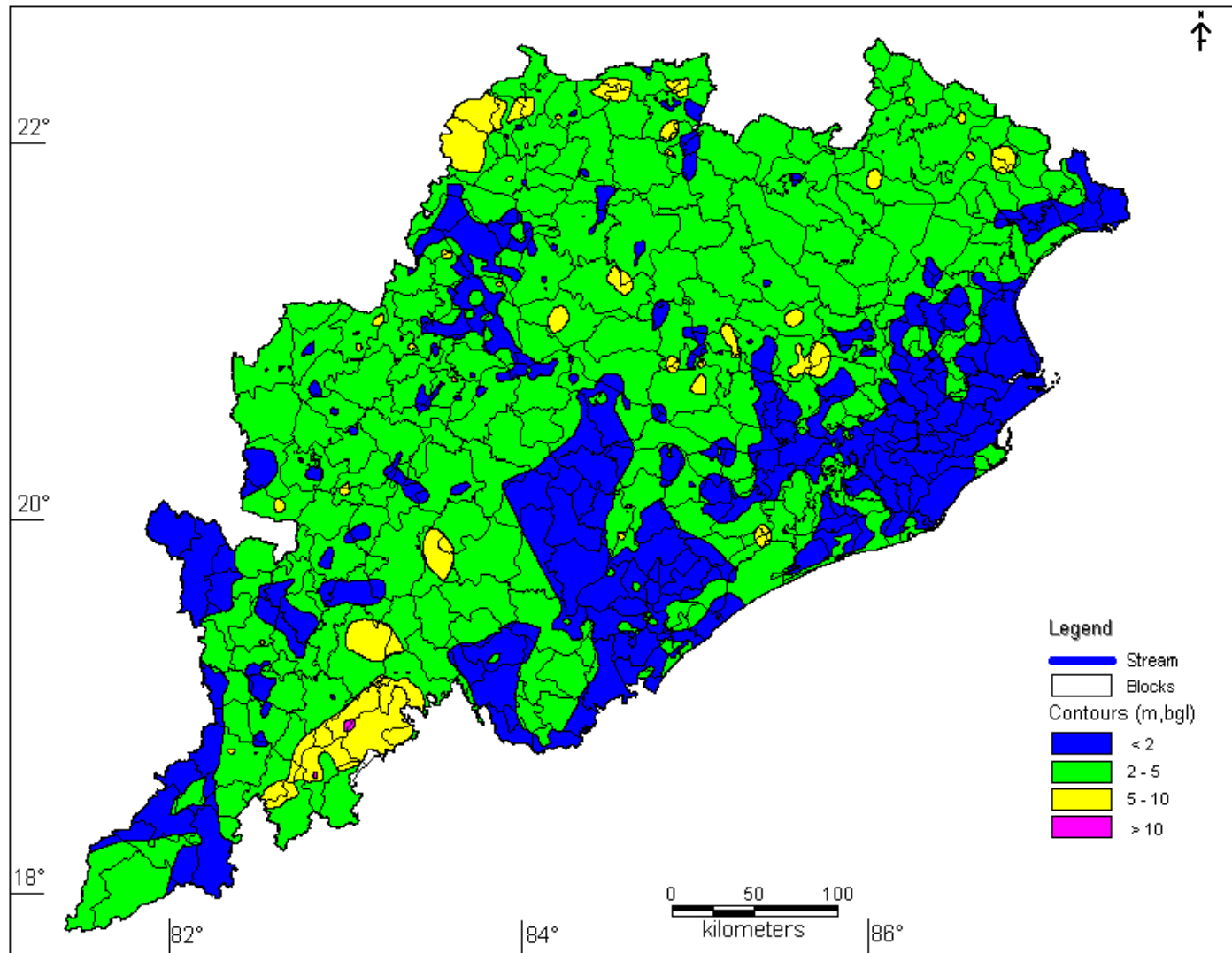


Table:- 7.3

Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - NOVEMBER 2014

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	52	1.06	9.15	11	21	32	61.5	9	17.3	0		0		0	
BALANGIR	64	1.03	5.4	21	32	42	65.6	1	1.6	0		0		0	
BALESHWAR	32	0.83	4.93	10	31	22	68.8	0		0		0		0	
BARGARH	70	0.72	7.12	32	45	32	45.7	6	8.6	0		0		0	
BAUDH	55	0.6	5.84	31	56	23	41.8	1	1.8	0		0		0	
BHADRAK	21	0.28	3.03	11	52	10	47.6	0		0		0		0	
CUTTACK	91	0.39	5.44	70	76	18	19.8	3	3.3	0		0		0	
DEBAGARH	10	1.25	6.55	2	20	7	70	1	10	0		0		0	
DHENKANAL	43	0.62	7.38	13	30	21	48.8	9	20.9	0		0		0	
GAJAPATI	25	0.14	5.35	18	72	6	24	1	4	0		0		0	
GANJAM	86	0.27	6.18	61	70	23	26.7	2	2.3	0		0		0	
JAGATSINGHA	21	0.9	2.5	19	90	2	9.5	0		0		0		0	
JAJAPUR	44	0.61	3.43	21	47	23	52.3	0		0		0		0	
JHARSUGUDA	15	1.2	5.35	4	26	10	66.7	1	6.7	0		0		0	
KALAHANDI	43	0.8	7.8	13	30	27	62.8	3	7	0		0		0	
KENDRAPARA	27	0.9	2.35	25	92	2	7.4	0		0		0		0	
KENDUJHAR	90	0.53	5.82	9	10	79	87.8	2	2.2	0		0		0	
KHORDHA	77	0.2	8.7	35	45	33	42.9	9	11.7	0		0		0	
KORAPUT	53	0.25	11.5	14	26	25	47.2	12	22.6	2	3.8	0		0	
MALKANGIRI	18	1	3.9	12	66	6	33.3	0		0		0		0	
MAYURBHANJ	83	1.8	9.19	4	4.8	73	88	6	7.2	0		0		0	
NABARANGAPU	24	0.5	5.4	10	41	12	50	2	8.3	0		0		0	
NAYAGARH	42	0.16	4.79	21	50	21	50	0		0		0		0	
NUAPADA	23	0.82	5.4	7	30	13	56.5	3	13	0		0		0	
PURI	92	0.29	6.83	56	60	33	35.9	3	3.3	0		0		0	
RAYAGADA	19	0.8	9.3	10	52	6	31.6	3	15.8	0		0		0	
SAMBALPUR	72	0.55	8.8	20	27	46	63.9	6	8.3	0		0		0	
SONAPUR	44	0.45	4.66	24	54	20	45.5	0		0		0		0	
SUNDARGARH	83	0.55	9.65	23	27	42	50.6	18	21.7	0		0		0	
TOTAL	1419			607	42	709	50	101	7.1	2	0.1	0	0.0	0	0.0

Water level between 0-2 m

42% of the wells monitored in the state has water level in this range. The coastal districts like Jagatsinghpur (90%), Puri (60%), Kendrapara (92%), and Ganjam (70%) 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

50% of the wells monitored showed water level in this range. Among the coastal district Balasore (68.8 %), Bhadrak (47.6 %), Jajpur (52.3%) and parts of Puri, Ganjam and Gajapati had 2 to 5 mbgl of water level. In the central and western Odisha, Boudh (41.8%), Nawapara (56.5%), Mayurbhanj (88%), Balangir (65.6%), Anugul (61.5%), and Sundargarh (50.6%) showed more than or equal to 50% of the wells in this range. All the districts of the state have recorded in this range except jagatsinghpur and kendrapara, where only two wells each are falls in this range and all other wells fall in the range of 0-2 m.

Water level between 5-10 m

Water level in this range was recorded in 7.1% of the wells in the state. 15.8 %of wells in Rayagada, Koraput (22.6%), Dhenkanal (20.9%), Angul (17.3%) and Sundargarh (21.7%) district showed water level more than 10% of the wells in this range. They occur as isolated patches in areas where the water level is generally in 0-2 m range.

Water level in this range was recorded in 5.5% of the wells in the state. 18.8 %of wells in Rayagada, Koraput (17.0%), and kalahandi (12.2%) district showed water level more than 10% of the wells in this range. They occur as isolated patches in areas where the water level is generally in 2-5 m range.

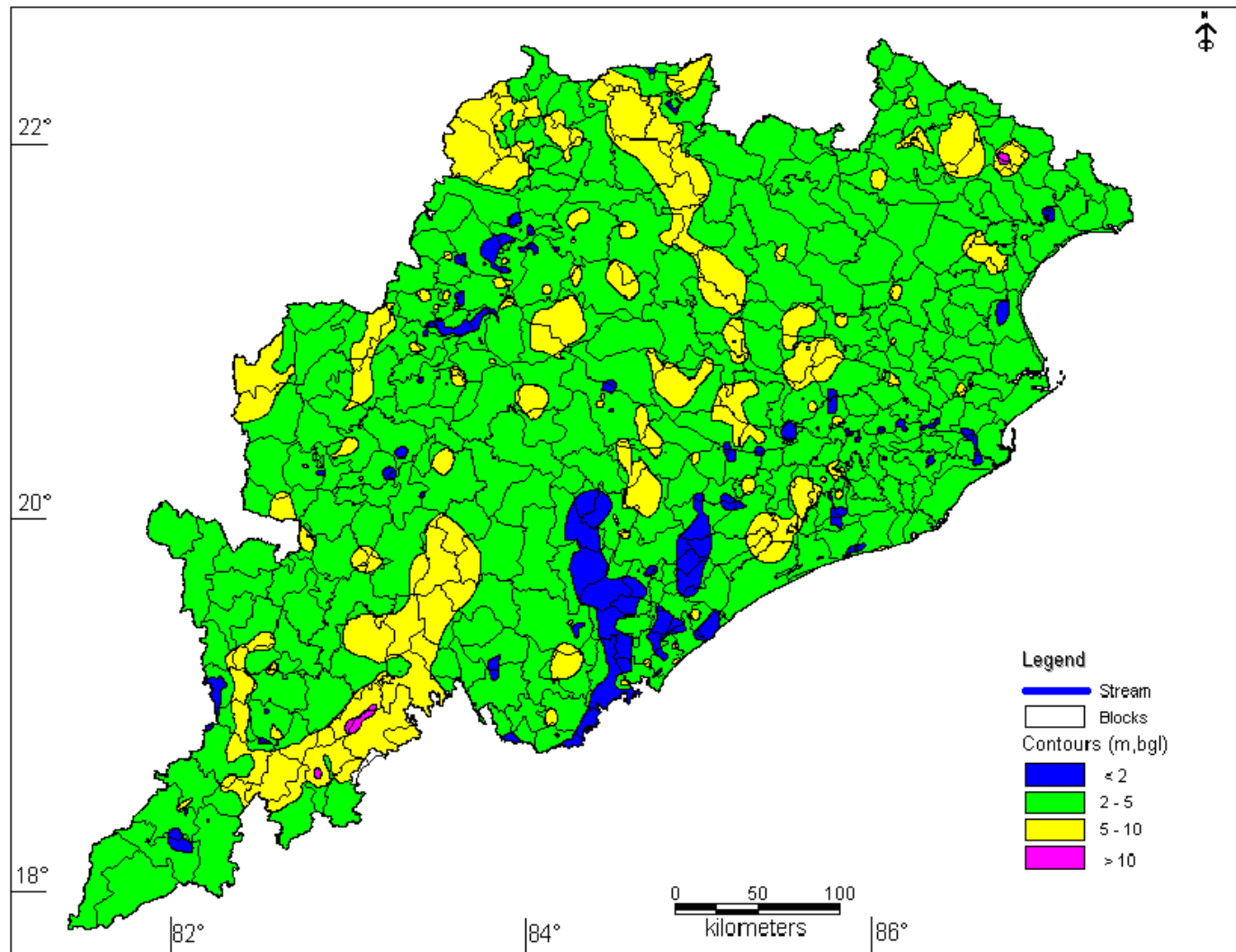
Water level between 10-20 m

Only a negligible 2 wells fall in this category and both are from Koraput district.

Water level more than 20m

None of the wells monitored during November 2014 showed water level in this range.

In general the water level in the state during November 2014 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.



Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - JANUARY 2015 *Table:- 7.4*

DISTRICT	Number of well analysed	Depth to water level (m bgl)		Number and percentage of wells showing											
				> 2 m		2 – 5 m		5-10 m		10 – 20 m		20 – 40 m		>40 m	
		Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	48	1.98	10.6	1	2.1	30	62.5	16	33.3	1	2.1	0		0	
BALANGIR	71	1.22	6.7	8	11	52	73.2	11	15.5	0		0		0	
BALESHWAR	36	1.29	7.2	1	2.8	24	66.7	11	30.6	0		0		0	
BARGARH	71	0.26	8.61	11	15	47	66.2	13	18.3	0		0		0	
BAUDH	55	1.26	7.85	4	7.3	45	81.8	6	10.9	0		0		0	
BHADRAK	22	1.68	4.05	2	9.1	20	90.9	0		0		0		0	
CUTTACK	91	0.41	6.9	24	26	62	68.1	5	5.5	0		0		0	
DEBAGARH	10	2.55	6.75	0		5	50	5	50	0		0		0	
DHENKANAL	43	1.62	8.85	3	7	26	60.5	14	32.6	0		0		0	
GAJAPATI	31	0.69	7.05	9	29	18	58.1	4	12.9	0		0		0	
GANJAM	87	0.37	8.27	39	44	38	43.7	10	11.5	0		0		0	
JAGATSingha	22	1.6	4.3	6	27	16	72.7	0				0		0	
JAJAPUR	52	2.03	8.18	0		43	82.7	9	17.3	0		0		0	
JHARSUGUDA	15	1.35	6.55	1	6.7	10	66.7	4	26.7	0		0		0	
KALAHANDI	43	1.68	8.1	3	7	34	79.1	6	14	0		0		0	
KANDHAMAL	0														
KENDRAPARA	28	1.7	3.9	8	28	20	71.4	0		0		0		0	
KENDUJHAR	86	2.07	6.6	0		81	94.2	5	5.8	0		0		0	
KHORDHA	78	0.45	10.2	11	14	33	42.3	33	42.3	1	1.3	0		0	
KORAPUT	54	1.05	12.2	6	11	22	40.7	23	42.6	3	5.6	0		0	
MALKANGIRI	20	1.45	6.2	4	20	13	65	3	15	0		0		0	
MAYURBHANJ	82	2.18	13.2	0		75	91.5	6	7.3	1	1.2	0		0	
NABARANGAPU	24	1.86	7.9	2	8.3	15	62.5	7	29.2	0		0		0	
NAYAGARH	48	0.75	7.35	10	20	33	68.8	5	10.4	0		0		0	
NUAPADA	22	1.8	8.64	1	4.5	16	72.7	5	22.7	0		0		0	
PURI	90	0.45	8.15	26	28	59	65.6	5	5.6	0		0		0	
RAYAGADA	20	1.5	9.8	5	25	10	50	5	25	0		0		0	
SAMBALPUR	74	0.47	10.1	11	14	48	64.9	14	18.9	1	1.4	0		0	
SONAPUR	42	0.62	5.48	9	21	26	61.9	7	16.7	0		0		0	
SUNDARGARH	85	0.65	10.3	13	15	41	48.2	29	34.1	2	2.4	0		0	
TOTAL	1450			218	15	962	66.3	261	18	9	0.6	0	0	0	0

7.1.4. DEPTH TO WATER LEVEL OF JANUARY 2015

A perusal of data and maps pertaining to January 2015 shows that the depth to water level in majority (66.34%) of NHS wells was level in the range of 2-5 m below ground level and 18 % 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

15% of the wells monitored in the state has water level between 0-2 m. The districts like Jagatsinghpur (27%), Puri (28%), Khorda (14%) and Bargarh (15%) 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

66.3% of the wells monitored showed water level in this range. All most all the wells of the Bhadrak district falls in this range. Districts like Mayurbhanj (91.5%), Keonjhar (94.2%), Baleshwar (66.7%), Jajpur (82.7%), Baudh (81.8%), Kalahandi (79.1%), Gajapati (58.1%), Balangir (73.2%), Nuapada (72.7%), Sonapur (61.9%), Kendrapara (71.4%), Cuttack (68.1%), Malkangiri (65%), Nayagarh (68.8%), Anugul (62.5%), Debagarh (50.0%), Jharsuguda (66.7%), Sambalpur (64.9%) showed more than 60% of the 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 18% of the wells in the state. The districts namely Koraput (42.6%), Khordha (42.3%) Dhenkanal (32.6%) and Anugul (33.3%) were having water level in this range in majority of area. All the districts of the state except Bhadrak, Jagatsinghpur and Kendrapara have recorded in this range.

Water level between 10-20m

Only a negligible 0.6% well measured in this category. There are 3 wells having deeper water level in the Koraput district and 2 wells in Sundargarh district.

Water level greater than 20m

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

In general the water level in the state during January 2015 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 2014 - DECADAL MEAN (APR' 03 - APR' 13)

The district-wise categorisation of change in water level in April-2014 with respect to the decade mean (April 03 to April 2013) has been given in **table-7.5** and rise and fall map has been presented in **Plate-7.5**.

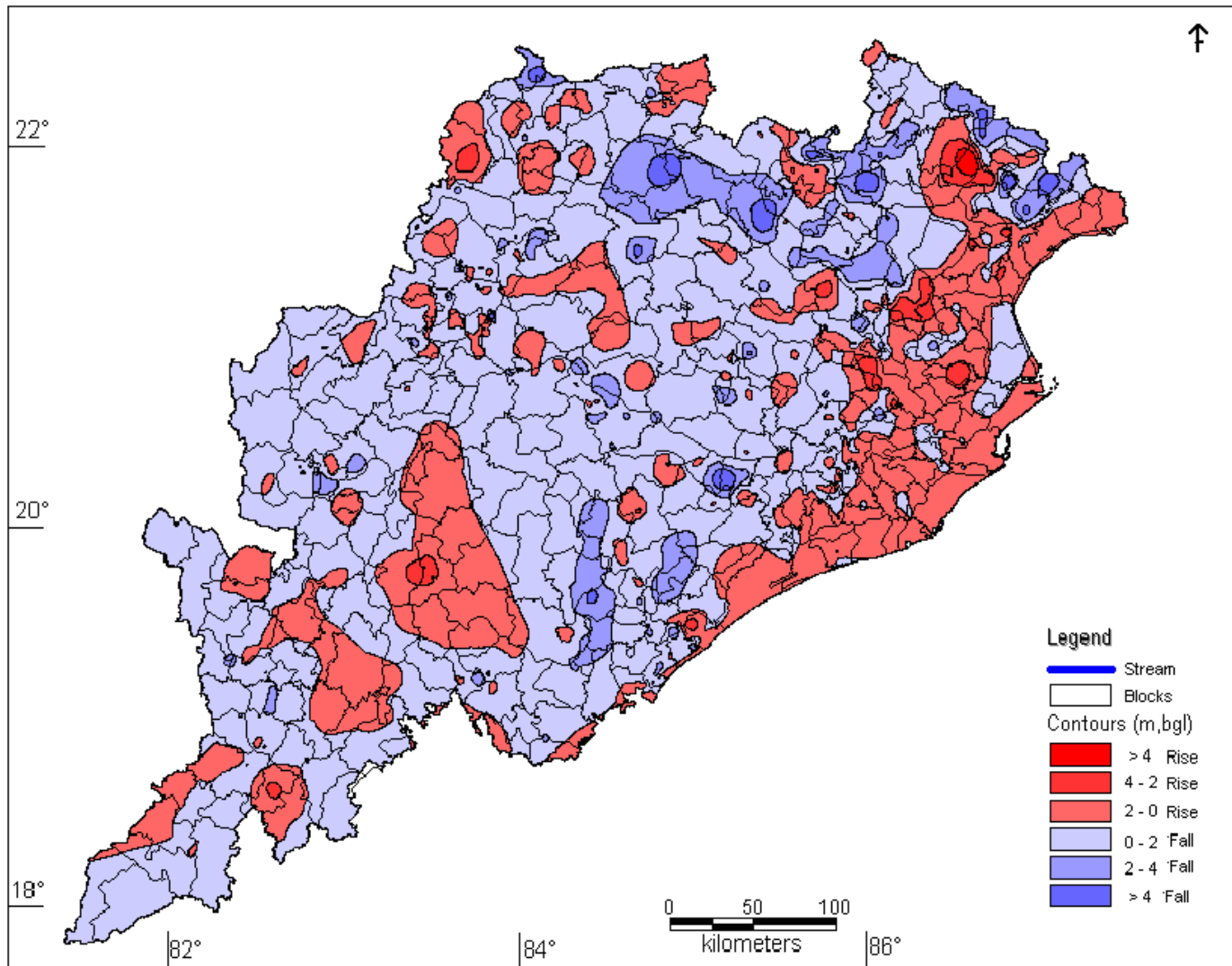
Fall in water level

A perusal of the data and map pertaining to April 2014 with reference to decadal mean (2003-2013) shows fall in water level is observed in 86.91% of the total wells in the state. 60% of the wells have shown fall in the 0-2m range. It varies from minimum of 34.2% of wells in Jajpur district to a maximum of 90% of wells in Kendrapara district. The districts of Anugul, Bolangir, Baleswar, Baudh, Cuttack, Dhenkanal, Jagatsinghpur, Jharsuguda, Kendrapara, Malkangiri, Nayagarh, Nuapada, Puri, Rayagada and Sonepur 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 24% of the state. The maximum is in Jajpur district (47.4%). A fall of more than 4m have been observed only in 2.9% of the total NHS monitored in the state which are in Balasore, Ganjam, Jajpur, Kalahandi, Keonjhar, Khurda, Malkangiri, Mayurbhanj Nawarangpur, Puri, Rayagada and Sundargarh districts.

Rise in water level

A perusal of the data and map pertaining to April 2014 with reference to Decadal mean (2003-2013) shows that 13.08% of total NHS wells in the state shows rise in water level. Rise in water level between 0-2m has been observed in 11.9% of the network stations in the state. It varies from minimum of 2.6% in Jajpur to a maximum of 31.5% in Bargarh district. All the districts have recorded rise of water level in some of the NHSs except Dhenkanal, jagatsinghpur, kendrapara, and Rayagada where all the NHSs shown fall in water level. The rise in water level between the range of 2-4m has been noticed in 1.2% of wells mainly in the districts of Bargarh (7.4%), Jajpur (5.3%), Mayurbhanj(4.7%), Nuapada (6.3%). No wells show more than 4m rise in water level.

In general a fall has been recorded in water level of April 2014 when compared with the decadal mean (April 2003-2013).



District wise Categorization of Change in Water Level: Apr – 14 Vs. Decadal Mean (Apr – 03 – Apr- 13) Table:-7.5

DISTRICT	Number of well	Showing		Range of fluctuation(m)		Number and percentage of wells showing													
						Rise						Fall							
	analysed	Rise	fall	Rise		Fall		0 - 2 m		2 - 4 m		>4 m		0 – 2 m		2 – 4 m		> 4 m	
		Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%		
ANUGUL	50	2	48	0.01	1.25	0.22	3.59	2	4					30	60	18	36		
BALANGIR	39	6	33	0.31	1.5	0.13	2.3	6	15.4					29	74.4	4	10.3		
BALESHWAR	29	1	28	0.66	0.66	0.26	4.09	1	3.4					17	58.6	8	27.6	3	10.3
BARGARH	54	21	33	0.05	3.08	0.03	5.15	17	31.5	4	7.4			20	37	12	22.2	1	1.9
BAUDH	37	8	29	0.07	0.89	0.07	3.32	8	21.6					22	59.5	7	18.9		
BHADRAK	16	1	15	0.36	0.36	0.41	3.81	1	6.3					9	56.3	6	37.5		
CUTTACK	78	12	66	0.03	1.6	0.01	3.57	12	15.4					53	67.9	13	16.7		
DEBAGARH	8	1	7	1.98	1.98	0.27	3.78	1	12.5					4	50	3	37.5		
DHENKANAL	41		41			0.05	3.82							30	73.2	11	26.8		
GAJAPATI	17	2	15	0.11	0.38	0.18	3.98	2	11.8					9	52.9	6	35.3		
GANJAM	89	15	74	0.06	2.39	0.05	5.35	14	15.7	1	1.1			54	60.7	16	18	4	4.5
JAGATSINGHA	18		18			0.92	2.68							16	88.9	2	11.1		
JAJAPUR	38	3	35	0.09	2.52	0.25	5.28	1	2.6	2	5.3			13	34.2	18	47.4	4	10.5
JHARSUGUDA	12	1	11	1.16	1.16	0.56	3.55	1	8.3					7	58.3	4	33.3		
KALAHANDI	40	4	36	0.3	0.84	0.35	5.26	4	10					23	57.5	11	27.5	2	5
KANDHAMAL	0	0																	
KENDRAPARA	20		20			0.4	2.51							18	90	2	10		
KENDUJHAR	73	8	65	0.05	2.86	0.14	5.43	7	9.6	1	1.4			34	46.6	29	39.7	2	2.7
KHORDHA	74	6	68	0.04	1.09	0.06	7.1	6	8.1					45	60.8	17	23	6	8.1
KORAPUT	45	8	37	0.2	1.61	0	5.52	8	17.8					29	64.4	7	15.6	1	2.2
MALKANGIRI	14	1	13	0.23	0.23	0.08	5.58	1	7.1					8	57.1	4	28.6	1	7.1
MAYURBHANJ	64	13	51	0.02	3.17	0.31	7.99	10	15.6	3	4.7			27	42.2	21	32.8	3	4.7
NABARANGAPU	19	2	17	0.36	0.96	0.98	5.31	2	10.5					11	57.9	5	26.3	1	5.3
NAYAGARH	25	4	21	0.12	3.69	0.06	3.08	3	12	1	4			18	72	3	12		
NUAPADA	16	3	13	0.24	2.52	0.77	2.14	2	12.5	1	6.3			12	75	1	6.3		
PURI	82	11	71	0.21	1.93	0.2	6.64	11	13.4					63	76.8	7	8.5	1	1.2
RAYAGADA	16	1	15	2.68	2.68	0.18	4.52			1	6.3			14	87.5			1	6.3
SAMBALPUR	50	8	42	0.08	1.59	0.04	4.77	8	16					25	50	16	32	1	2
SONAPUR	31	5	26	0.21	1.29	0.11	3.56	5	16.1					16	51.6	10	32.3		
SUNDARGARH	74	6	68	0.08	1.2	0.04	7.09	6	8.1					45	60.8	20	27	3	4.1
TOTAL	1169	153	1016	0.373	1.669			139	11.9	14	1.2			701	60	281	24	34	2.9

7.2.2 AUGUST 2014 - DECADAL MEAN (AUGUST 2003- 2013)

The district-wise categorisation of change in water level of August-2014 with respect to the decadal mean (August 2004 – 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

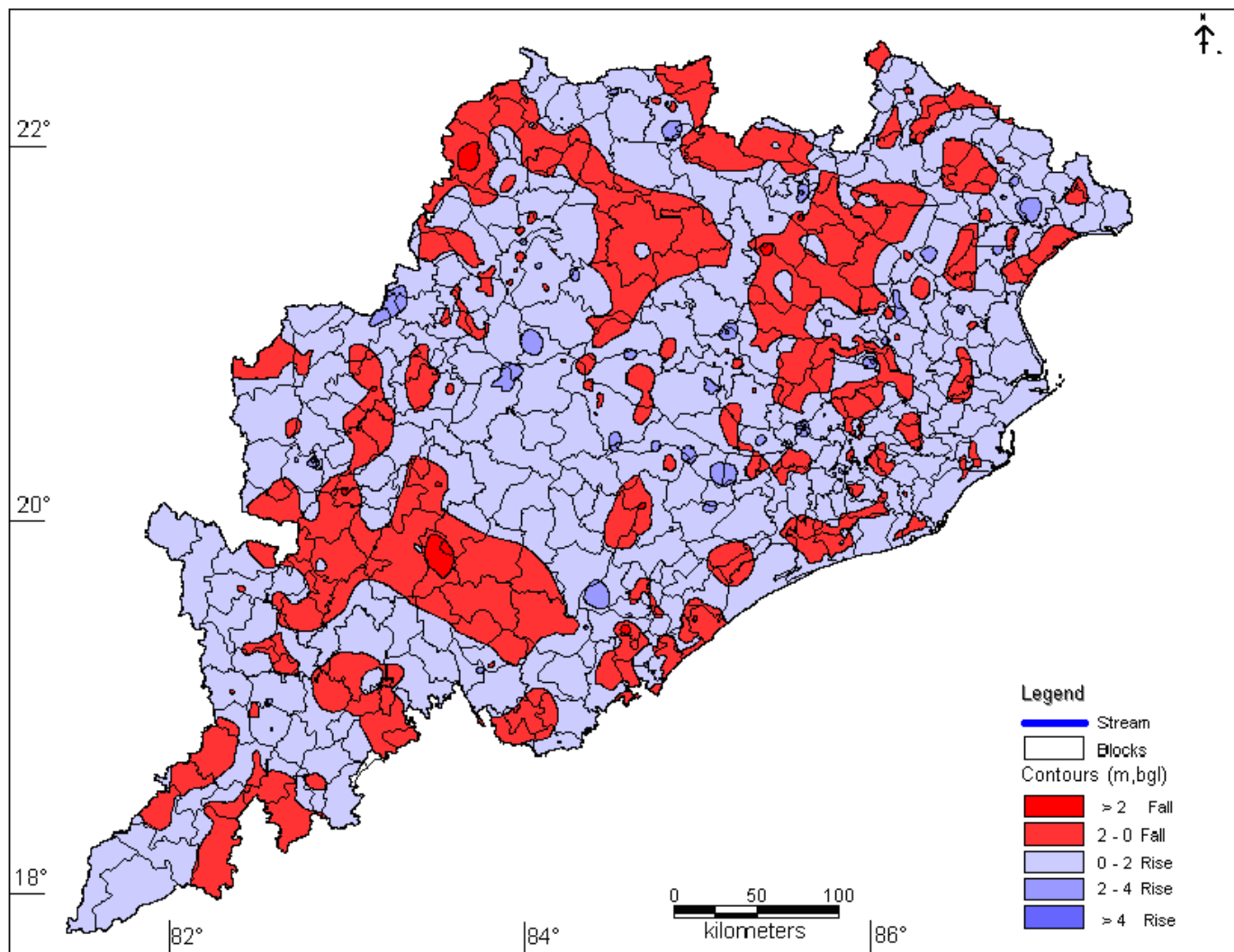
A perusal of the data and map pertaining to August 2014 with reference to decadal mean (2003-13) shows that rise in water level between 0-2m has been observed in 94.93% of the network stations in the state. All the districts have recorded rise of water level in this range. Rise in water level between the range of 2-4m has been noticed in 34.2% wells in isolated locations and more than 4m have been observed in 3.6% 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 5.0% of the network monitoring wells in the state. Fall in water level between the range of 2-4m has been observed in 0.1% of network wells in the state. Fall in water level of more 4m, is 0% of the total wells in the state.

In general a rise has been recorded in water level of August 2014 when compared with the decadal mean (August 2003-2013). 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.

DEPTH TO WATER LEVEL FLUCTUATION MAP OF ODISHA AUGUST 2014 VS DECADAL (2003-2013) PLATE-7.6



District wise Categorization of Change in Water Level:
Aug – 14 Vs. Decadal Mean (Aug – 03 – Aug- 13)
Table:-7.6

DISTRICT	Number of well analysed	Showing		Range of fluctuation(m)		Number and percentage of wells showing													
						Rise						Fall							
				Rise		Fall		0 - 2 m		2 - 4 m		>4 m		0 – 2 m		2 – 4 m		> 4 m	
				Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	44	44		0.52	5.15			18	40.9	23	52.3	3	6.8						
BALANGIR	39	38	1	0	2.9	0.23	0.23	24	61.5	14	35.9			1	2.6				
BALESHWAR	31	27	4	0.45	4.64	0.22	0.85	15	48.4	10	32.3	2	6.5	4	12.9				
BARGARH	54	54		0.05	4.06			34	63	19	35.2	1	1.9						
BAUDH	36	36		0.32	4.54			19	52.8	15	41.7	2	5.6						
BHADRAK	17	16	1	0.71	3.31	0.61	0.61	8	47.1	8	47.1			1	5.9				
CUTTACK	82	79	3	0.01	4.32	0.19	0.94	63	76.8	13	15.9	3	3.7	3	3.7				
DEBAGARH	8	8		1.17	2.35			5	62.5	3	37.5								
DHENKANAL	39	38	1	0.36	3.89	0.06	0.06	17	43.6	21	53.8			1	2.6				
GAJAPATI	16	15	1	0.65	3.32	0.46	0.46	7	43.8	8	50			1	6.3				
GANJAM	87	76	11	0.06	4.13	0.03	2.08	50	57.5	25	28.7	1	1.1	10	11.5	1	1.1		
JAGATSINGHA	18	17	1	0.31	1.7	0.08	0.08	17	94.4					1	5.6				
JAJAPUR	36	29	7	0.12	6.1	0.01	0.66	21	58.3	6	16.7	2	5.6	7	19.4				
JHARSUGUDA	13	13		0.54	2.95			10	76.9	3	23.1								
KALAHANDI	41	35	6	0.09	4.6	0.04	1.57	26	63.4	8	19.5	1	2.4	6	14.6				
KANDHAMAL	0																		
KENDRAPARA	20	20		0.28	1.94			20	100										
KENDUJHAR	77	74	3	0.21	5.07	0.19	1.03	35	45.5	32	41.6	7	9.1	3	3.9				
KHORDHA	74	71	3	0.07	5.42	0.03	0.44	40	54.1	30	40.5	1	1.4	3	4.1				
KORAPUT	45	44	1	0.25	4.86	0.08	0.08	26	57.8	16	35.6	2	4.4	1	2.2				
MALKANGIRI	16	16		0.88	4.27			9	56.3	6	37.5	1	6.3						
MAYURBHANJ	73	73		0.54	7.86			16	21.9	48	65.8	9	12.3						
NABARANGAPU	21	21		0.32	3.86			7	33.3	14	66.7								
NAYAGARH	25	24	1	0.74	5.96	0.31	0.31	12	48	9	36	3	12	1	4				
NUAPADA	17	17		0.78	3.92			10	58.8	7	41.2								
PURI	79	72	7	0.01	2.69	0.17	1.01	65	82.3	7	8.9			7	8.9				
RAYAGADA	16	14	2	0.03	3.31	0.19	0.86	10	62.5	4	25			2	12.5				
SAMBALPUR	53	53		0.06	4.33			24	45.3	28	52.8	1	1.9						
SONAPUR	32	30	2	0.44	4.03	0.08	0.25	18	56.3	11	34.4	1	3.1	2	6.3				
SUNDARGARH	76	71	5	0	6.52	0.12	0.6	51	67.1	17	22.4	3	3.9	5	6.6				
TOTAL	1185	1125	60	0.343	4.207			677	57.1	405	34.2	43	3.6	59	5	1	0.1		

7.2.3 NOVEMBER 2014 - DECADAL MEAN (NOVEMBER 2003 - 2013)

The district-wise categorisation of change in water level during November-2014 with respect to the decadal mean (November 2003- November-2013) 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 2014 with reference to decadal mean (2003-13) shows that rise in water level between 0-2m has been observed in 68.3% 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 11.6% wells in isolated locations and more than 4m have been observed in 1.5% 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 18% of the network monitoring wells in the state. Fall in water level between the range of 2-4m has been observed in 8% of network wells in the state. Fall in water level of more 4m, is present in isolated areas with 0.7% of the total wells in the state.

In general a rise has been recorded in water level of November 2014 when compared with the decadal mean (November 2003-2013). 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

WATER LEVEL FLUCTUATION MAP OF ODISHA - NOVEMBER 2014 VS DECADAL (2003-2013) PLATE- 7.7

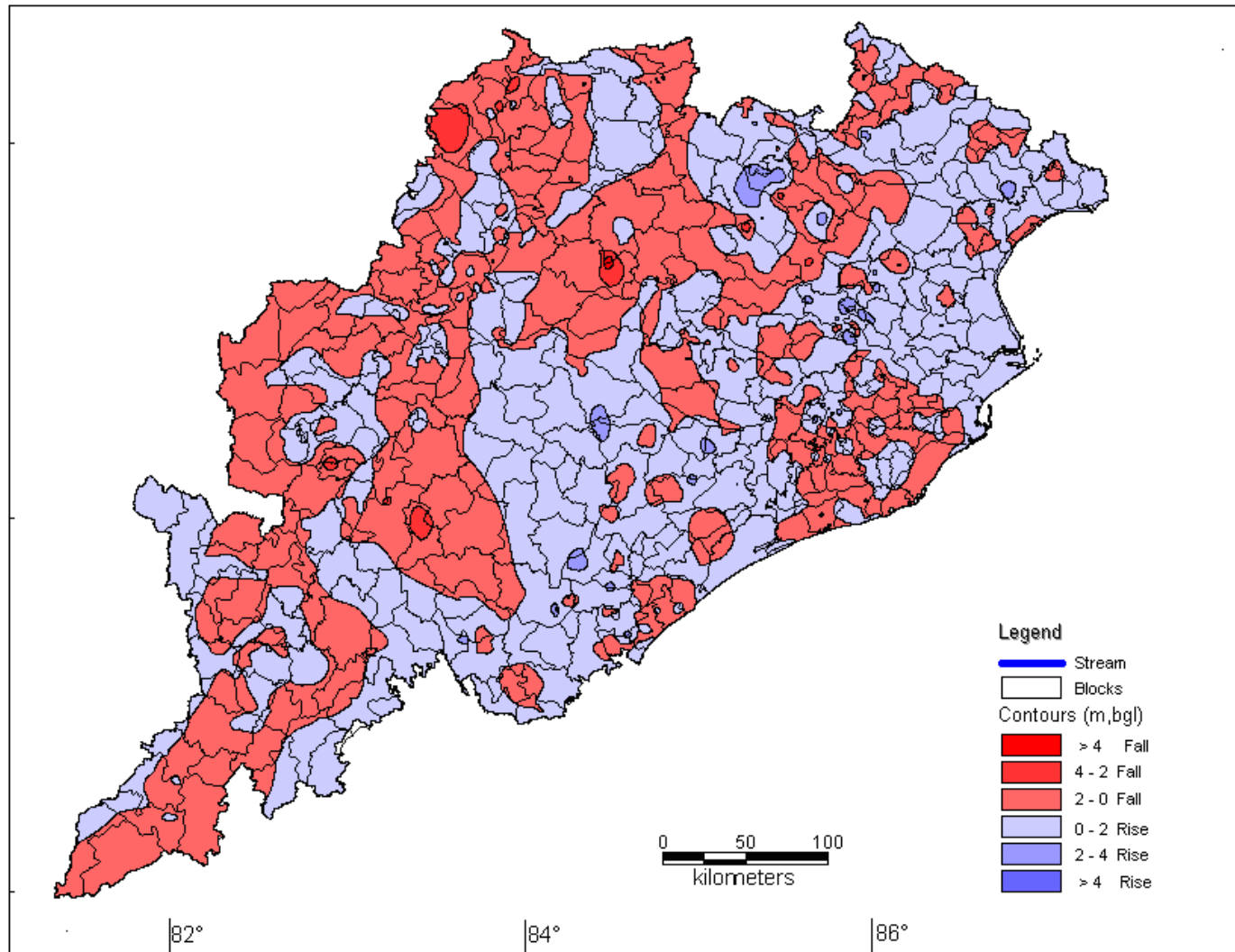
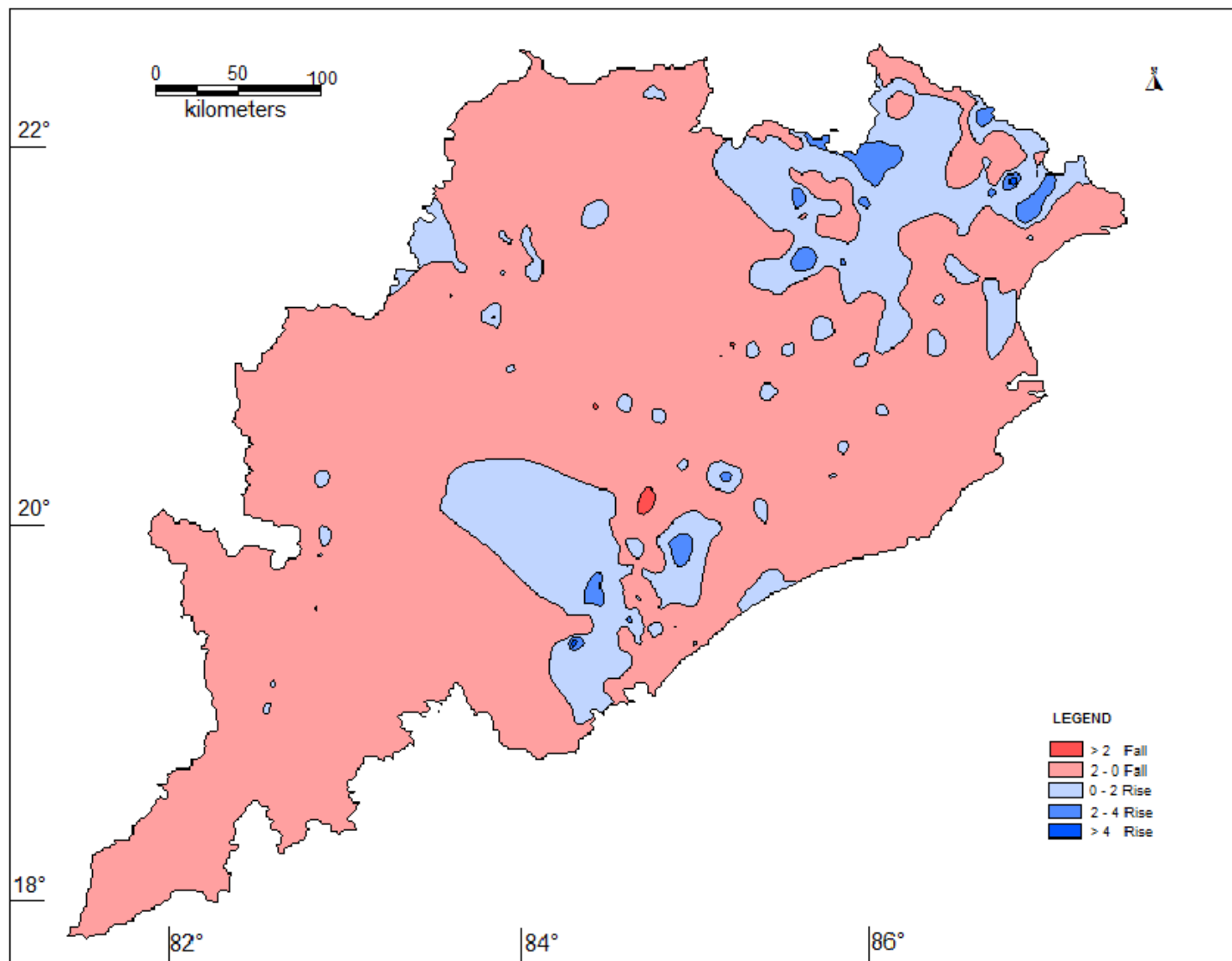


Table-7.7

District wise Categorization of Change in Water Level
Nov – 14 Vs. Decadal Mean (Nov – 03 – Nov- 13) State: Odisha

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	47	41	6	0.08	3.75	0.07	0.89	33	70.2	8	17			6	12.8						
BALANGIR	37	31	6	0.15	2.1	0.06	1.16	30	81.1	1	2.7			6	16.2						
BALESHWAR	30	28	2	0.07	3.87	0.08	0.93	17	56.7	11	36.7			2	6.7						
BARGARH	53	38	15	0	2.74	0.01	1.3	35	66	3	5.7			15	28.3						
BAUDH	37	35	2	0.27	4.34	0.13	0.14	24	64.9	10	27	1	2.7	2	5.4						
BHADRAK	16	15	1	0.57	3.37	0.8	0.8	8	50	7	43.8			1	6.3						
CUTTACK	78	66	12	0.12	3.82	0.02	3.1	62	79.5	4	5.1			10	12.8	2	2.6				
DEBAGARH	8	6	2	0.11	2.45	0.19	3.63	5	62.5	1	12.5			1	12.5	1	12.5				
DHENKANAL	42	38	4	0.04	2.99	0.07	0.68	35	83.3	3	7.1			4	9.5						
GAJAPATI	17	16	1	0.51	6.3	1.2	1.2	11	64.7	4	23.5	1	5.9	1	5.9						
GANJAM	86	76	10	0.04	4.33	0.13	1.44	62	72.1	13	15.1	1	1.2	10	11.6						
JAGATSINGHA	17	14	3	0.11	1.41	0.04	1.24	14	82.4					3	17.6						
JAJAPUR	36	34	2	0.12	5.21	0.3	0.45	22	61.1	9	25	3	8.3	2	5.6						
JHARSUGUDA	13	12	1	0.19	1.85	0.64	0.64	12	92.3					1	7.7						
KALAHANDI	41	29	12	0.1	2.47	0.01	2.54	28	68.3	1	2.4			10	24.4	2	4.9				
KENDRAPARA	19	18	1	0.15	1.69	0.07	0.07	18	94.7					1	5.3						
KENDUJHAR	80	64	16	0.02	5.29	0.07	2.46	46	57.5	14	17.5	4	5	15	18.8	1	1.3				
KHORDHA	71	48	23	0	2.89	0.01	1.45	38	53.5	10	14.1			23	32.4						
KORAPUT	40	36	4	0.16	4.03	0.29	0.53	34	85	1	2.5	1	2.5	4	10						
MALKANGIRI	11	8	3	0	2.41	0.01	0.48	7	63.6	1	9.1			3	27.3						
MAYURBHANJ	72	63	9	0.01	4.8	0.01	0.75	43	59.7	16	22.2	4	5.6	9	12.5						
NABARANGAPU	20	19	1	0.17	2.12	0.77	0.77	17	85	2	10			1	5						
NAYAGARH	25	24	1	0.01	5.26	1.66	1.66	19	76	3	12	2	8	1	4						
NUAPADA	17	16	1	0.06	1.91	0.03	0.03	16	94.1					1	5.9						
PURI	81	62	19	0.01	2.27	0.02	1.02	60	74.1	2	2.5			19	23.5						
RAYAGADA	14	10	4	0.1	3.36	0.14	1.86	6	42.9	4	28.6			4	28.6						
SAMBALPUR	52	43	9	0.04	2.34	0.02	1.29	41	78.8	2	3.8			9	17.3						
SONAPUR	32	24	8	0.07	2.07	0.06	1.17	23	71.9	1	3.1			8	25						
SUNDARGARH	74	34	40	0	2.97	0.02	2.15	30	40.5	4	5.4			38	51.4	2	2.7				
TOTAL	1166	948	218	0.113	3.254			796	68.3	135	11.6	17	1.5	210	18	8	0.7				



District wise Categorization of Change in Water Level Jan – 15 Vs. Decadal Mean (Jan – 04 – Jan – 14) Table:-7.8

DISTRICT	Number of well analysed	Showing		Number and percentage of wells showing															
				Range of fluctuation(m)				Rise						Fall					
				Rise		Fall		0 - 2 m		2 - 4 m		>4 m		0 – 2 m		2 – 4 m		> 4 m	
				Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	48	15	33	0.11	1.63	0.05	4.08	15	31.3					31	64.6	1	2.1	1	2.1
BALANGIR	64	17	47	0.12	2.72	0.07	2.18	16	25	1	1.6			46	71.9	1	1.6		
BALESHWAR	35	12	23	0.01	1.34	0.02	2.96	12	34.3					21	60	2	5.7		
BARGARH	70	9	61	0.01	2.12	0	5.68	8	11.4	1	1.4			54	77.1	6	8.6	1	1.4
BAUDH	53	13	40	0.09	1.85	0.03	3.89	13	24.5					38	71.7	2	3.8		
BHADRAK	22	14	8	0.2	1.73	0.04	1.72	14	63.6					8	36.4				
CUTTACK	91	27	64	0.06	1.43	0.1	2.25	27	29.7					63	69.2	1	1.1		
DEBAGARH	10	2	8	0.03	0.88	0.16	4.5	2	20					6	60	1	10	1	10
DHENKANAL	43	13	30	0.07	1.42	0.01	1.81	13	30.2					30	69.8				
GAJAPATI	25	17	8	0.03	6.02	0.04	1.35	16	64			1	4	8	32				
GANJAM	85	53	32	0.01	2.97	0.01	3.35	50	58.8	3	3.5			29	34.1	3	3.5		
JAGATSINGHA	22		22			0.03	1.27							22	100				
JAJAPUR	46	16	30	0.11	2.87	0.02	2.64	13	28.3	3	6.5			26	56.5	4	8.7		
JHARSUGUDA	15	3	12	0.01	0.38	0.04	1.65	3	20					12	80				
KALAHANDI	43	5	38	0.22	0.83	0.01	2.49	5	11.6					33	76.7	5	11.6		
KANDHAMAL	0	0	0																
KENDRAPARA	28	5	23	0.07	0.56	0	1.48	5	17.9					23	82.1				
KENDUJHAR	86	48	38	0.01	4.44	0.01	2.41	39	45.3	8	9.3	1	1.2	36	41.9	2	2.3		
KHORDHA	78	8	70	0	0.69	0.08	3.44	8	10.3					66	84.6	4	5.1		
KORAPUT	53	12	41	0.02	0.9	0.07	3.9	12	22.6					34	64.2	7	13.2		
MALKANGIRI	16	3	13	0.03	0.34	0.03	1.83	3	18.8					13	81.3				
MAYURBHANJ	82	59	23	0.03	4.61	0.07	4.15	51	62.2	7	8.5	1	1.2	22	26.8			1	1.2
NABARANGAPUR	21	4	17	0	0.32	0.1	2.58	4	19					15	71.4	2	9.5		
NAYAGARH	43	13	30	0.07	3.16	0.02	3.68	12	27.9	1	2.3			29	67.4	1	2.3		
NUAPADA	22	3	19	0.01	1.35	0.05	3.06	3	13.6					18	81.8	1	4.5		
PURI	90	26	64	0.01	2.06	0.01	1.54	25	27.8	1	1.1			64	71.1				
RAYAGADA	20	10	10	0	2.43	0.12	2.47	9	45	1	5			9	45	1	5		
SAMBALPUR	73	16	57	0.01	1.65	0.03	2.45	16	21.9					54	74	3	4.1		
SONAPUR	42	10	32	0.04	1.23	0.01	1.94	10	23.8					32	76.2				
SUNDARGARH	83	19	64	0.05	0.86	0.01	3.98	19	22.9					58	69.9	6	7.2		
TOTAL	1409	452	957	5.072	1.885			423	30	26	1.8	3	0.2	900	63.9	53	3.8	4	0.3

7.2.4 JANUARY' 2015 - DECADAL MEAN (JANUARY 2004- 2014)

The district-wise categorisation of change in water level during January 2015 with respect to the decadal mean (2004-2014) 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 2015 with reference to Decadal mean (2004-2014) shows that 32.07% of total NHS wells in the state shows rise in water level. Rise in water level between 0-2m has been observed in 30% of the network stations in the state. All the districts have recorded rise of water level in this range except Jagatsingpur district. It varies from a minimum of 11.4% in Bargarh to a maximum rise of 64% in Gajapati district. The rise in water level between the range of 2-4m has been noticed in 1.8% of wells mainly in the Kendujhar (9.3%), Mayurbhanj (8.5%) . Only 0.2% of wells show more than 4m rise in water level in one well each in Mayurbhanj, Kendujhar and Gajapati districts.

Fall in water level

Fall in water level is seen in the 67.92 % of NHS wells of the state. Fall in water level between 0-2 m has been observed in 63.9% of the network monitoring wells in the state. It ranges between 100% in Jagatsingpur to 26.8% in Mayurbhanj district. Almost all the districts of the state has recorded more than 50% of wells in the range of 0-2m except Bhadrak, Ganjam, Gajapati and Mayurbhanj district. The range of 2-4m fall in water level has been observed in 3.8% of the state. The maximum is in Koraput district (13.2%). A fall of more than 4m have been observed only in 0.3% of the total NHS monitored in the state which are in Anugul, Bargarh, Debagarh and Mayurbhanj districts.

In general a fall has been recorded in water level of January 2015 when compared with the decadal mean (January 2004-2014).

7.3 FLUCTUATION IN COMPARISON TO CORRESPONDING PERIOD OF PREVIOUS YEAR

7.3.1 APRIL 2013 - APRIL 2014

The district-wise categorisation of change in water level during April-2014 with respect to that of April-2013 has been given in **table 7.9** and has been presented in **Plate 7.9**.

Rise of water level

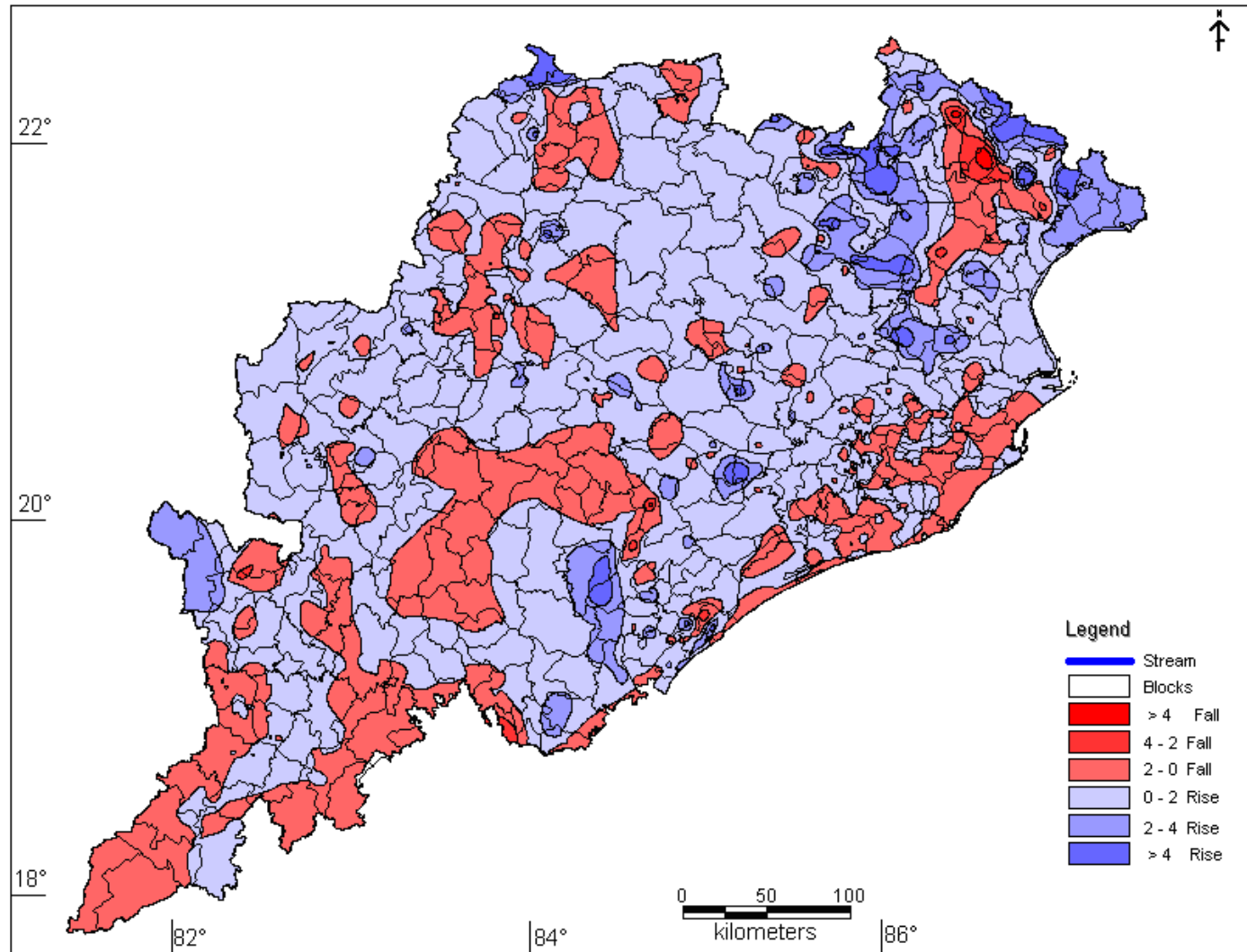
A perusal of data and map showing the variation in water level of April 2014 with respect to April 2013 shows that 67.56% of the wells recorded a rise in water level. Maximum number of wells have shown

rise in 0-2m range, i.e.,54.6% 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 7.4% of the wells, mainly in Balasore, Bhadrak, Cuttack, Gajapati, jajpur, Kalahandi, Keonjhar, Koraput, Mayurbhanj and Nowarangpur districts. Rise of more than 4m is observed only in 3.4% 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 2014 with respect to April 2013 shows that in 32.43% of wells there has been fall in water level. The fall in water level in the range of 0-2m have been observed in 30.5 % of the wells in the state. It varies from minimum of 5.9 % in Gajapati district to maximum of 61.3% in Sonapur district. Fall in 2-4m range is observed only in 1.7% 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 rise and fall in water level has been observed in April 2014 with respect to April 2013.



District wise Categorization of Change in Water Level: Apr – 13 – Apr – 14

Table:-7.9

DISTRICT	Number of well analysed	Number of wells showing		Range of fluctuation (m)				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	
		Rise	Fall	No	%	No	%	No	%	No	%	No	%	No	%	No	%		
ANUGUL	46	38	8	0	5	0.04	1.11	31	67.4	4	8.7	1	2.2	8	17.4				
BALANGIR	34	30	4	0.09	4.36	0.37	1.06	27	79.4	2	5.9	1	2.9	4	11.8				
BALESHWAR	25	19	6	0.09	3.61	0.11	2.27	10	40	9	36			5	20	1	4		
BARGARH	52	25	27	0.01	1.6	0.01	1.47	25	48.1					27	51.9				
BAUDH	33	26	7	0.04	2.89	0.03	1.57	18	54.5	8	24.2			7	21.2				
BHADRAK	16	14	2	0.11	4.59	0.16	0.3	11	68.8	2	12.5	1	6.3	2	12.5				
CUTTACK	74	48	26	0.02	2.9	0.05	2.82	44	59.5	4	5.4			25	33.8	1	1.4		
DEBAGARH	7	7	0	0.2	1.2			7	100										
DHENKANAL	40	37	3	0.15	4.61	0.14	1.45	35	87.5	1	2.5	1	2.5	3	7.5				
GAJAPATI	17	15	2	0.04	3.27	1.64	3.73	13	76.5	2	11.8			1	5.9	1	5.9		
GANJAM	85	55	30	0.03	5.59	0.01	4.55	38	44.7	11	12.9	6	7.1	27	31.8	2	2.4	1	1.2
JAGATSINGHA	18	9	9	0.06	0.47	0.02	0.35	9	50					9	50				
JAJAPUR	21	17	4	0.01	5.59	0.07	0.89	12	57.1	4	19	1	4.8	4	19				
JHARSUGUDA	11	8	3	0	1.4	0.05	2.2	7	63.6					2	18.2	1	9.1		
KALAHANDI	39	21	18	0	2.1	0.02	2.11	19	48.7	1	2.6			17	43.6	1	2.6		
KENDRAPARA	18	9	9	0.03	1	0.12	0.45	9	50					9	50				
KENDUJHAR	56	40	16	0.07	6.47	0.03	2.26	21	37.5	9	16.1	10	17.9	15	26.8	1	1.8		
KHORDHA	71	45	26	0	2.55	0.02	3.6	40	56.3	2	2.8			25	35.2	1	1.4		
KORAPUT	43	21	22	0.02	2.4	0.05	2.4	19	44.2	2	4.7			21	48.8	1	2.3		
MALKANGIRI	12	8	4	0	0.75	0.5	1.4	7	58.3					4	33.3				
MAYURBHANJ	55	42	13	0.14	11.6	0.33	5.34	21	38.2	10	18.2	11	20	8	14.5	3	5.5	2	3.6
NABARANGAPU	18	14	4	0	3.35	0.05	2.6	10	55.6	1	5.6			3	16.7	1	5.6		
NAYAGARH	24	21	3	0.12	7.07	0.51	1.84	17	70.8	3	12.5	1	4.2	3	12.5				
NUAPADA	16	14	2	0	2.53	0.07	0.46	12	75	1	6.3			2	12.5				
PURI	76	42	34	0.02	2.9	0.02	3.22	40	52.6	2	2.6			33	43.4	1	1.3		
RAYAGADA	16	11	5	0	1.3	0.1	1.1	9	56.3					5	31.3				
SAMBALPUR	47	33	14	0.1	4.9	0.03	1.05	32	68.1			1	2.1	14	29.8				
SONAPUR	31	11	20	0	1.21	0.08	2.94	10	32.3					19	61.3	1	3.2		
SUNDARGARH	72	45	27	0	7.3	0.05	3.5	33	45.8	1	1.4	2	2.8	25	34.7	2	2.8		
TOTAL	1073	725	348	1.35	104.5			586	54.6	79	7.4	36	3.4	327	30.5	18	1.7	3	0.3

7.3.2 AUGUST 2013 - AUGUST 2014

The district-wise categorization of change in water level during August-2014 with respect to August-2013 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 2014 water level with that of August 2013 showed that 76.3% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie about 62.1%; 12.1% in 2-4 m range and 0.6% 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 7 wells (0.6%) of the total wells monitored showed greater than 4 m rise. They occur as minor patches within areas showing rise in 2-4m range.

Fall in water level

A total of 23.65% NHS showed a fall in water level in August 2014 as compared to August 2013. Out of which 22.8% wells showed fall in 0-2m range, 0.7% in 2-4m range and a minor 0.1% in greater than 4 m range. Debagarh district shows a fall of 66.7% in the range of 0-2m. Fall in 2-4m range is found in isolated patches in the state with districts mainly Balangir, Cuttack, Ganjam and Kalahandi districts. Greater than 4m fall in water level is found in very few isolated wells i.e., only 1 well fall in this category in Koraput district. 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 2014 with respect to August 2013.

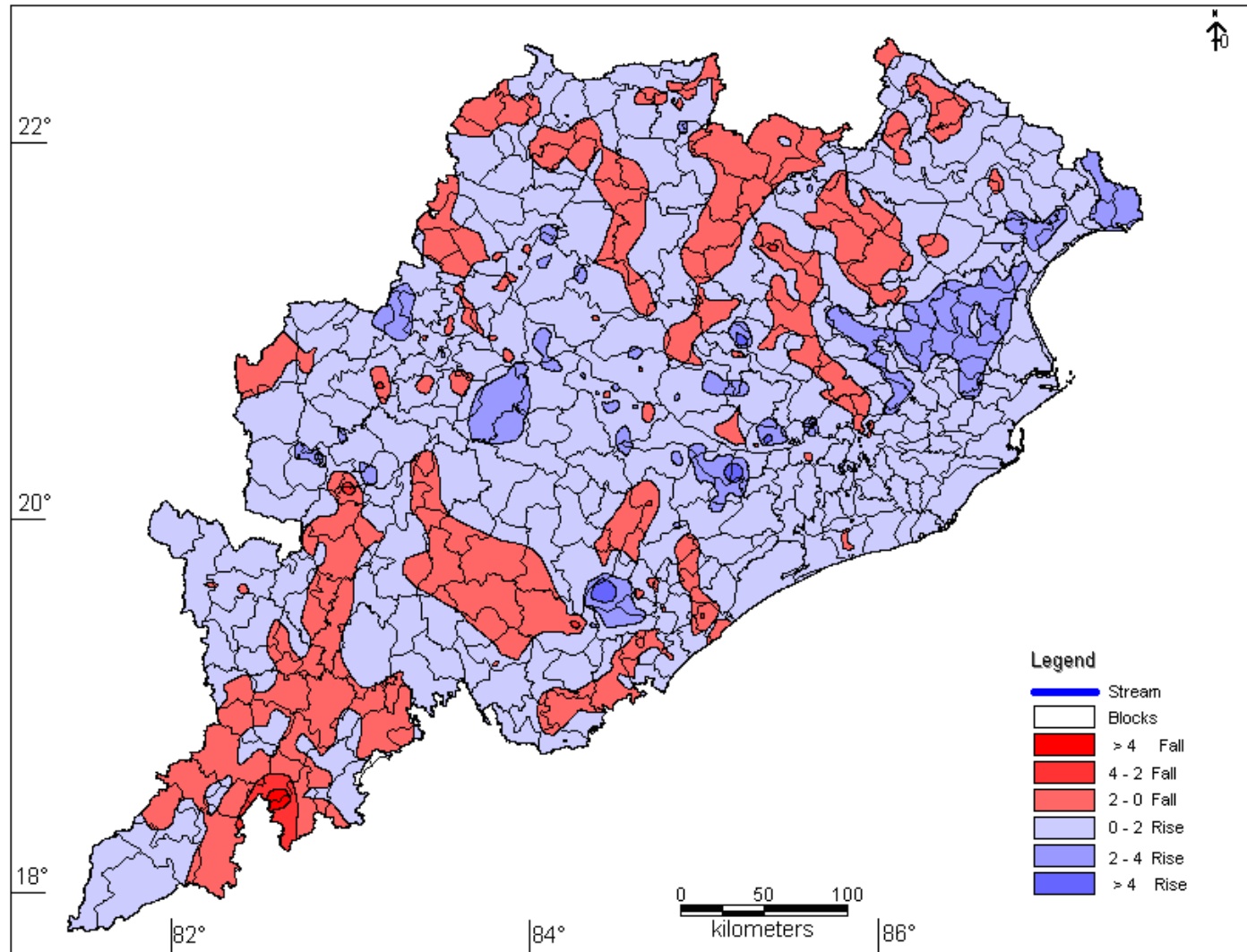


Table:-7.10

District wise Categorization of Change in Water Level
Aug – 13 – Aug – 14 State: Odisha

DISTRICT	Number of well analysed	Number of wells showing		Range of fluctuation (m)				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	44	35	9	0.01	6.3	0.02	1.33	28	63.6	6	13.6	1	2.3	9	20.5						
BALANGIR	34	30	4	0.18	2.66	0.23	3.04	23	67.6	7	20.6			3	8.8	1	2.9				
BALESHWAR	31	31	0	0.27	3.78			13	41.9	18	58.1										
BARGARH	52	31	21	0.01	2.66	0.01	1.15	30	57.7	1	1.9			21	40.4						
BAUDH	32	30	2	0.07	3.76	0.63	1.48	15	46.9	15	46.9			2	6.3						
BHADRAK	16	16	0	1.34	3.59			6	37.5	10	62.5										
CUTTACK	80	60	20	0	4.98	0.05	2.35	54	67.5	2	2.5	2	2.5	19	23.8	1	1.3				
DEBAGARH	6	2	4	1	1.75	0.3	0.7	2	33.3					4	66.7						
DHENKANAL	39	27	12	0	1.73	0.02	0.71	26	66.7					12	30.8						
GAJAPATI	13	9	4	0.42	2.57	0.17	3.03	8	61.5	1	7.7			3	23.1	1	7.7				
GANJAM	80	52	28	0	5.97	0.05	2.45	45	56.3	5	6.3	1	1.3	26	32.5	2	2.5				
JAGATSINGHA	18	18	0	0.03	0.9			18	100												
JAJAPUR	33	33	0	0.39	3.8			11	33.3	22	66.7										
JHARSUGUDA	13	9	4	0	1.3	0.05	0.5	8	61.5					4	30.8						
KALAHANDI	39	22	17	0	1.83	0.1	3.5	20	51.3					15	38.5	2	5.1				
KENDRAPARA	17	17	0	0	1.35			16	94.1												
KENDUJHAR	66	28	38	0.02	3.31	0.05	2.71	25	37.9	3	4.5			37	56.1	1	1.5				
KHORDHA	71	68	3	0.1	4.2	0.03	0.13	51	71.8	16	22.5	1	1.4	3	4.2						
KORAPUT	43	24	19	0	1.2	0.02	5.25	23	53.5					18	41.9			1	2.3		
MALKANGIRI	14	11	3	0.06	0.92	0.1	0.53	11	78.6					3	21.4						
MAYURBHANJ	67	54	13	0.02	2.32	0.01	0.76	53	79.1	1	1.5			13	19.4						
NABARANGAPU	20	16	4	0	1.16	0.05	1.82	15	75					4	20						
NAYAGARH	24	24	0	0.01	5.58			15	62.5	8	33.3	1	4.2								
NUAPADA	17	14	3	0.02	4.62	0.16	0.78	11	64.7	2	11.8	1	5.9	3	17.6						
PURI	73	63	10	0	2.91	0.01	0.92	52	71.2	10	13.7			10	13.7						
RAYAGADA	13	8	5	0.15	1.45	0.02	1	8	61.5					5	38.5						
SAMBALPUR	49	43	6	0	3.7	0.09	0.7	36	73.5	4	8.2			6	12.2						
SONAPUR	32	24	8	0	2.37	0.08	0.6	22	68.8	1	3.1			8	25						
SUNDARGARH	76	50	26	0	2.7	0.05	1.75	45	59.2	2	2.6			26	34.2						
TOTAL	1112	849	263	4.1	85.37			690	62.1	134	12.1	7	0.6	254	22.8	8	0.7	1	0.1		

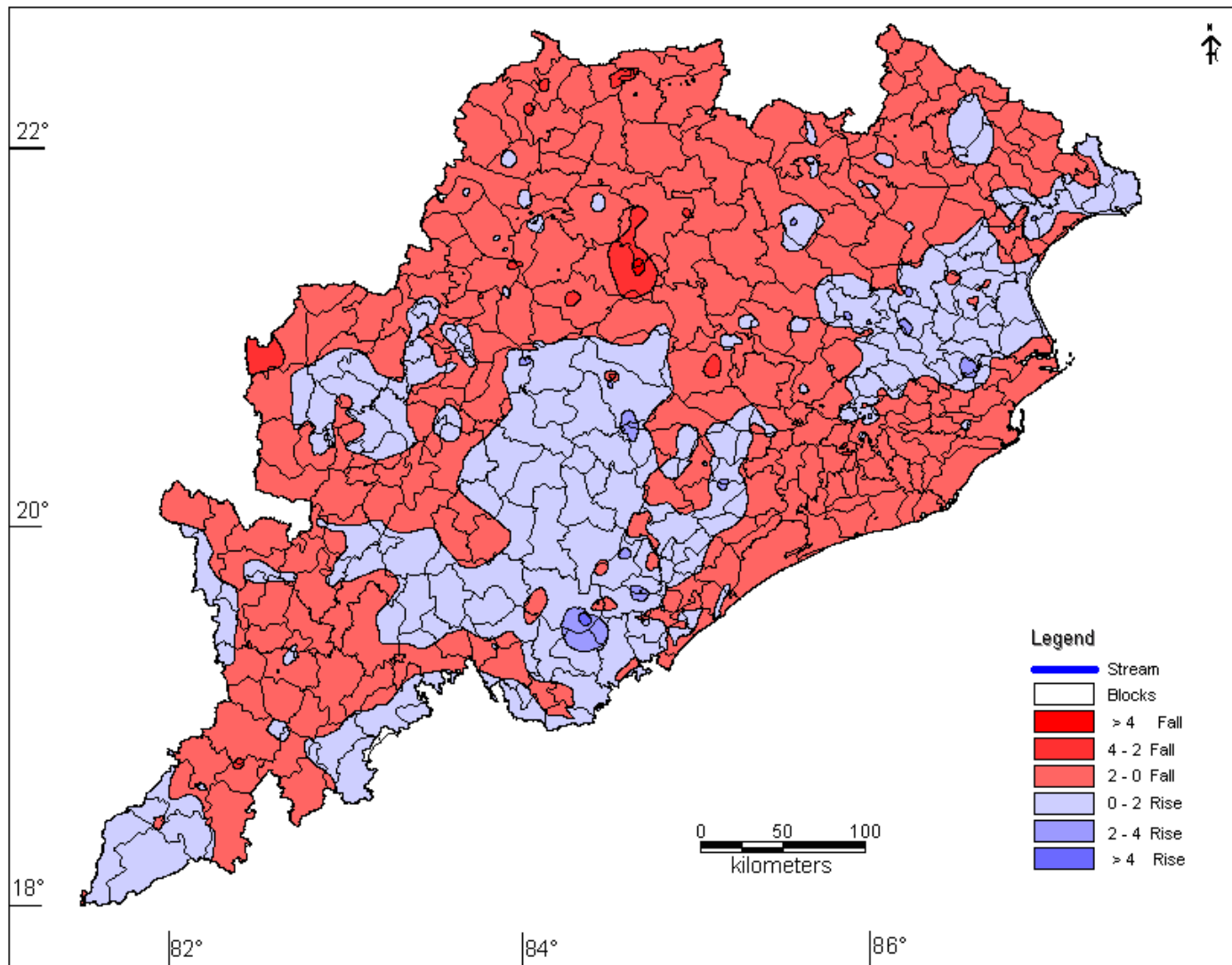


Table:-7.11

District wise Categorization of Change in Water Level
Nov – 13 – Nov – 14 State: Odisha

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	%		
ANUGUL	47	10	37	0	1.7	0.02	3.35	8	17					36	76.6	1	2.1				
BALANGIR	37	22	15	0	1.95	0.02	1.52	21	56.8					15	40.5						
BALESHWAR	30	14	16	0.1	2.52	0.06	1.74	13	43.3	1	3.3			16	53.3						
BARGARH	50	6	44	0.05	1.05	0.04	2.8	6	12					43	86	1	2				
BAUDH	37	31	6	0.02	3.6	0.1	3.34	28	75.7	3	8.1			5	13.5	1	2.7				
BHADRAK	15	12	3	0	1.41	0.22	0.5	11	73.3					3	20						
CUTTACK	76	28	48	0.03	2.68	0.03	3.35	22	28.9	6	7.9			47	61.8	1	1.3				
DEBAGARH	7	0	7			1	5.4							4	57.1	2	28.6	1	14.3		
DHENKANAL	40	5	35	0.2	0.79	0.02	1.73	5	12.5					35	87.5						
GAJAPATI	16	12	4	0.12	4.85	0.1	2.62	11	68.8			1	6.3	3	18.8	1	6.3				
GANJAM	82	46	36	0	4.4	0.01	2.07	41	50	1	1.2	1	1.2	35	42.7	1	1.2				
JAGATSINGHA	17	0	17			0.02	1.62							17	100						
JAJAPUR	34	32	2	0	3.28	0.28	0.6	25	73.5	6	17.6			2	5.9						
JHARSUGUDA	13	2	11	0.45	0.5	0.2	1.9	2	15.4					11	84.6						
KALAHANDI	37	12	25	0.04	2.3	0.1	1.55	11	29.7	1	2.7			25	67.6						
KANDHAMAL	0	0	0																		
KENDRAPARA	16	1	15	0.15	0.15	0.12	0.56	1	6.3					15	93.8						
KENDUJHAR	73	16	57	0.02	2.41	0.01	2	14	19.2	2	2.7			56	76.7	1	1.4				
KHORDHA	71	7	64	0	1.4	0.05	3.9	5	7					57	80.3	7	9.9				
KORAPUT	40	10	30	0	1.25	0.05	1.95	8	20					30	75						
MALKANGIRI	11	5	6	0	2	0.1	2.2	2	18.2	1	9.1			5	45.5	1	9.1				
MAYURBHANJ	70	8	62	0	0.6	0.04	1.46	7	10					62	88.6						
NABARANGAPU	20	5	15	0.05	0.8	0.05	2.15	5	25					14	70	1	5				
NAYAGARH	23	14	9	0.09	3.15	0.02	0.98	12	52.2	2	8.7			9	39.1						
NUAPADA	17	7	10	0.1	1.6	0.05	2.6	7	41.2					9	52.9	1	5.9				
PURI	77	12	65	0.05	1.29	0.05	2.51	12	15.6					61	79.2	4	5.2				
RAYAGADA	14	6	8	0	1.4	0.05	1.65	4	28.6					8	57.1						
SAMBALPUR	51	4	47	0.03	2.25	0.06	3.25	3	5.9	1	2			40	78.4	7	13.7				
SONAPUR	32	0	32			0.04	2.91							31	96.9	1	3.1				
SUNDARGARH	73	9	64	0	0.55	0.01	3	5	6.8					55	75.3	9	12.3				
TOTAL	1126	336	790	1.5	49.88			289	25.7	24	2.1	2	0.2	749	66.5	40	3.6	1	0.1		

7.3.3 NOVEMBER 2013 - NOVEMBER 2014

The district-wise categorisation of change in water level during November-2014 with respect to November-2013 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 2014 water level with that of November 2013 showed that 29.8% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie 25.7%; 2.1% in 2-4 m range and 0.2% in greater than 4 m range. All the districts have recorded in 0-2m range except Debagarh, Khadamal and Sonapur. 2-4m range occurs in isolated patches throughout the state. Only 2 wells (0.2%) of the total wells monitored showed greater than 4 m rise. They occur as minor patches within areas showing rise in 2-4m range.

Fall in water level

A total of 70.2% NHS showed a fall in water level in November 2014. Out of which 66.5% wells showed fall in 0-2m range, 3.6% in 2-4m range and a minor 0.1% in greater than 4 m range. All the districts have recorded fall in the range of 0-2m Khandamal, have recorded 0-2 m fall in more than 50% wells. Fall in 2-4m range is found in isolated patches in the state with districts mainly Debagarh, Anugul, Ganjam, Jajpur, Malkangiri, districts. Greater than 4m fall in water level is found in only one isolated well i.e., only 1 wells fall in this category. 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 November 2014 with respect to November 2013.

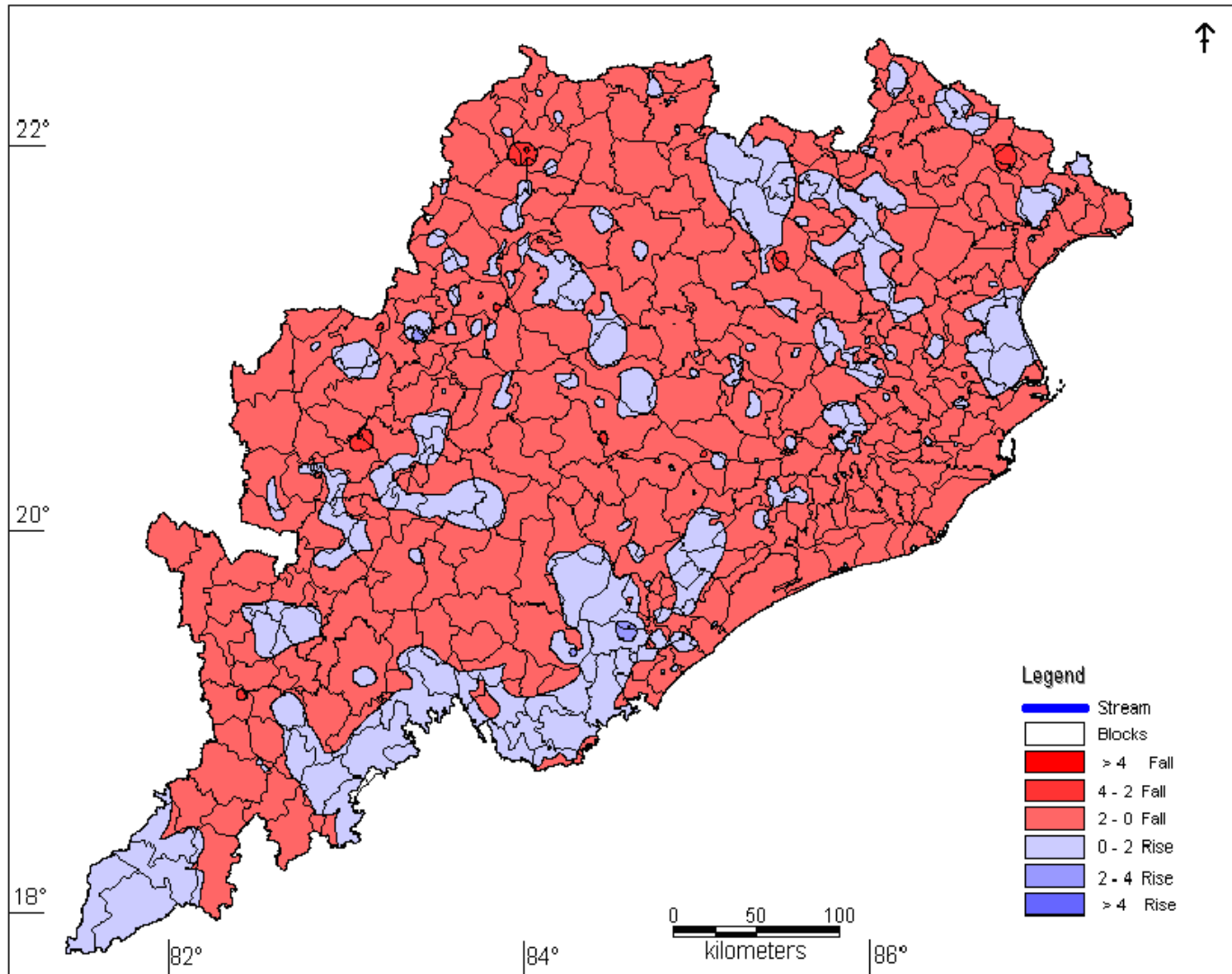


Table:-7.12

District wise Categorization of Change in Water Level
Jan – 14 – Jan – 15 State: Odisha

DISTRICT	Number of well analysed	Number of wells showing		Range of fluctuation (m)				Number and percentage of wells showing													
				Rise (m)		Fall (m)		Rise						Fall							
				Rise	Fall	Min	Max	No	%	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
										No	%	No	%	No	%	No	%	No	%		
ANUGUL	46	10	36	0.01	1.41	0.06	1.16	10	21.7					36	78.3						
BALANGIR	45	9	36	0.13	3.93	0.04	3.54	8	17.8	1	2.2			33	73.3	3	6.7				
BALESHWAR	33	5	28	0.02	1.09	0.02	2.17	5	15.2					25	75.8	3	9.1				
BARGARH	58	15	43	0	1.53	0.01	3.3	14	24.1					40	69	3	5.2				
BAUDH	38	8	30	0.13	1.81	0.13	2.37	8	21.1					29	76.3	1	2.6				
BHADRAK	21	8	13	0.03	1.11	0.03	1.93	8	38.1					13	61.9						
CUTTACK	80	20	60	0.05	2.2	0.04	2.02	18	22.5	2	2.5			59	73.8	1	1.3				
DEBAGARH	8	1	7	0.5	0.5	0.25	1.55	1	12.5					7	87.5						
DHENKANAL	42	8	34	0	1.47	0.05	1.67	7	16.7					34	81						
GAJAPATI	24	9	15	0.06	4.1	0.02	1	8	33.3			1	4.2	15	62.5						
GANJAM	81	35	46	0	4.26	0.02	2.12	33	40.7			1	1.2	45	55.6	1	1.2				
JAGATSINGHA	18	0	18			0.15	0.73							18	100						
JAJAPUR	43	13	30	0.09	2.85	0.03	3.58	12	27.9	1	2.3			27	62.8	3	7				
JHARSUGUDA	14	4	10	0.1	0.95	0.1	1.1	4	28.6					10	71.4						
KALAHANDI	41	19	22	0	1	0.05	1.3	16	39					22	53.7						
KENDRAPARA	20	2	18	0.08	0.55	0.05	1	2	10					18	90						
KENDUJHAR	77	36	41	0	1.89	0.03	3.73	35	45.5					40	51.9	1	1.3				
KHORDHA	76	13	63	0	0.6	0.05	2.05	11	14.5					59	77.6	4	5.3				
KORAPUT	44	14	30	0	0.6	0.05	2.7	8	18.2					29	65.9	1	2.3				
MALKANGIRI	12	6	6	0	2.05	0.05	0.7	4	33.3	1	8.3			6	50						
MAYURBHANJ	78	15	63	0.01	2.28	0.01	3.96	14	17.9	1	1.3			60	76.9	3	3.8				
NABARANGAPU	20	1	19	0.63	0.63	0.01	1.6	1	5					19	95						
NAYAGARH	29	6	23	0.14	2.03	0.16	2.65	5	17.2	1	3.4			19	65.5	4	13.8				
NUAPADA	20	5	15	0.05	0.41	0.04	1.22	5	25					15	75						
PURI	80	19	61	0.06	2.09	0.03	2.15	18	22.5	1	1.3			60	75	1	1.3				
RAYAGADA	19	12	7	0	0.4	0.05	1.35	10	52.6					7	36.8						
SAMBALPUR	63	24	39	0.06	1.55	0.05	2.35	24	38.1					37	58.7	2	3.2				
SONAPUR	34	6	28	0.09	1.09	0.02	1.63	6	17.6					28	82.4						
SUNDARGARH	76	24	52	0	0.9	0.05	4.5	20	26.3					48	63.2	3	3.9	1	1.3		
TOTAL	1240	347	893	2.24	45.28			315	25.4	8	0.6	2	0.2	858	69.2	34	2.7	1	0.1		

7.3.4 JANUARY 2015 – JANUARY 2014

The district-wise categorisation of change in water level during January-2015 with respect to that of January-2014 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 2015 water level with that of January 2014 showed that only 27.98% of the total stations showed a rise in water level. The rise is more in 0-2 m range i.e 25.4%.the district which has recorded a rise in the range of 0-2m are Rayagada (52.6%), Kendujhar(45.5%), Ganjam(40.7%), Bhadrak(38.1%) and kalahandi (39%) . 0.6% wells shows rise in 2- 4 m range, The districts which has recorded rise in 0-2m range are Malkangiri (8.3%) Cuttack (2.5%), Nayagarh (3.4%) and Jajpur (2.3%). 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 72.01% NHS showed a fall in water level in January 2015. Out of all stations, 69.2% wells showed fall in 0-2m range, 2.7% in 2-4m range and a minor 0.1 % in greater than 4 m range. Fall in 0-2m range is maximum ie 100% in jagatsinghpur and minimum of 36.8% in Rayagada district showing water level fall in this range. Greater than 4m fall in water level is found in only one well in sundergarh district.

In general, more than 72% of wells in the state recorded a fall in water level during January 2015 with respect to January 2014.

7.4 FLUCTUATION WITH RESPECT TO PRE-MONSOON WATER LEVEL

7.4.1 APRIL 2014 - AUGUST 2014

The district-wise categorisation of water level fluctuation of April-2014 with respect to August-2014 has been given in **table 7.13** and rise / fall map has been presented in **Plate 7.13**.

Rise in water level

98.61 % of the wells monitored in August 2014 showed a rise in water level when compared with that of April 2014 (Pre-monsoon). 24.5% of wells showed rise in 0-2 m range, 45.3% in 2-4 m range and 28.7 % rise in the

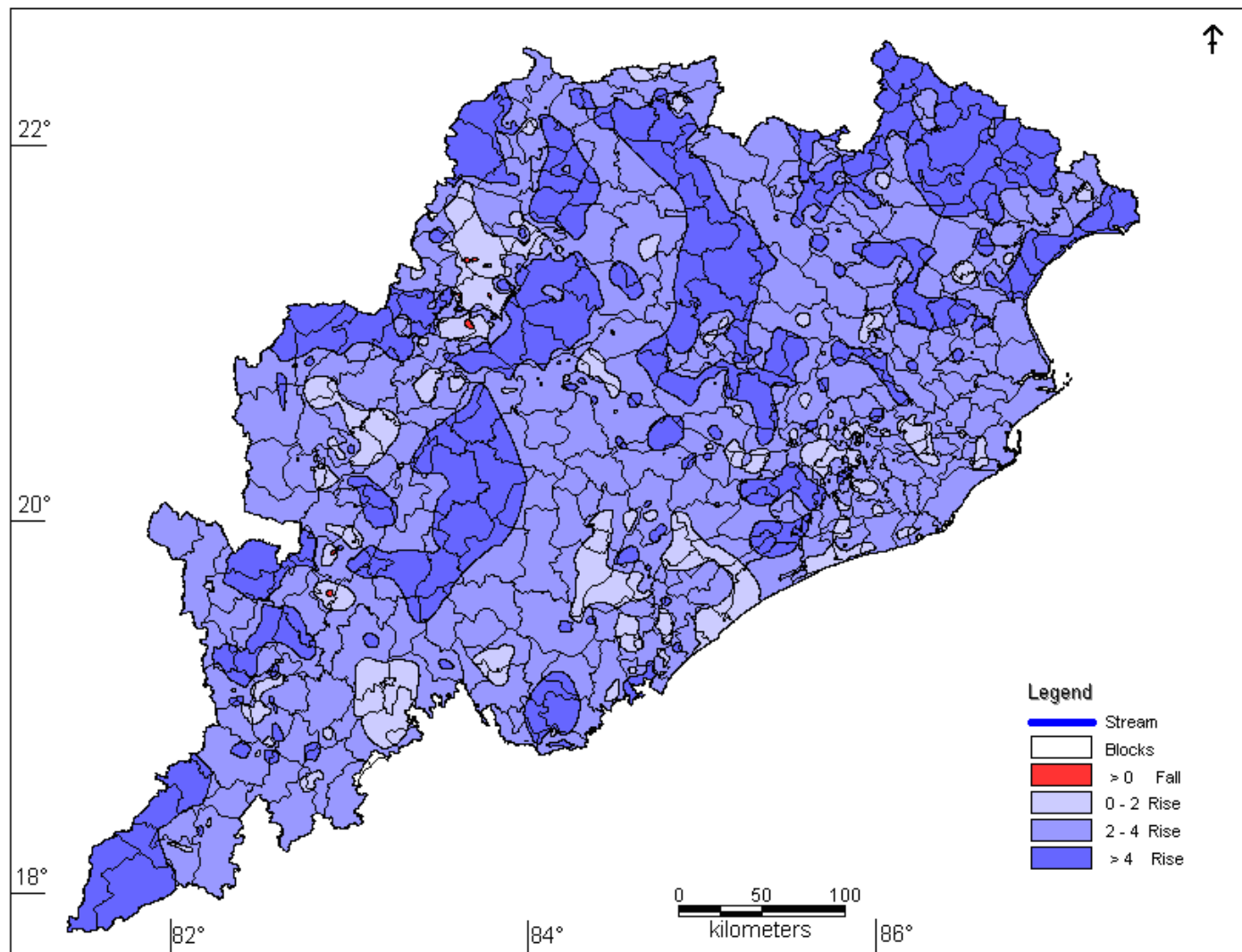


Table:-7.13

District wise Categorization of Change in Water Level
Apr – 14 – Aug– 14 State: Odisha

DISTRICT	Number of well analysed	Number of wells showing		Range of fluctuation (m)				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	49	49	0	1.15	7.98			3	6.1	21	42.9	25	51								
BALANGIR	56	56	0	0.05	7.9			17	30.4	31	55.4	8	14.3								
BALESHWAR	29	29	0	0.48	6.52			5	17.2	12	41.4	12	41.4								
BARGARH	63	55	8	0.07	7.15	0.02	0.39	25	39.7	10	15.9	20	31.7	8	12.7						
BAUDH	46	45	1	1.29	5.75	0.05	0.05	6	13	26	56.5	13	28.3	1	2.2						
BHADRAK	19	19	0	1.27	6.12			1	5.3	10	52.6	8	42.1								
CUTTACK	83	83	0	0.3	5.33			32	38.6	43	51.8	8	9.6								
DEBAGARH	9	9	0	0.5	4.95			1	11.1	4	44.4	4	44.4								
DHENKANAL	39	39	0	0.6	6.92			4	10.3	19	48.7	16	41								
GAJAPATI	24	24	0	0.28	6.42			3	12.5	12	50	9	37.5								
GANJAM	85	85	0	0.2	6.06			34	40	35	41.2	16	18.8								
JAGATSINGHA	22	22	0	1.5	3.85			5	22.7	17	77.3										
JAJAPUR	39	39	0	0.64	5.16			5	12.8	23	59	11	28.2								
JHARSUGUDA	12	12	0	0.6	5.1			2	16.7	5	41.7	5	41.7								
KALAHANDI	40	37	3	1.3	6.42	0.2	0.6	3	7.5	22	55	12	30	3	7.5						
KENDRAPARA	27	27	0	1.25	3.6			4	14.8	23	85.2										
KENDUJHAR	81	81	0	1.9	9.79			4	4.9	47	58	30	37								
KHORDHA	79	79	0	0.4	8.8			27	34.2	23	29.1	29	36.7								
KORAPUT	51	51	0	0	8.1			15	29.4	23	45.1	12	23.5								
MALKANGIRI	17	17	0	1.6	6.8			4	23.5	7	41.2	6	35.3								
MAYURBHANJ	74	74	0	0.44	9.46			3	4.1	27	36.5	44	59.5								
NABARANGAPU	22	22	0	0.55	7.85			2	9.1	6	27.3	14	63.6								
NAYAGARH	33	33	0	0.81	6.5			6	18.2	21	63.6	6	18.2								
NUAPADA	20	20	0	0.3	4.85			4	20	13	65	3	15								
PURI	80	77	3	0.4	3.44	0.67	2.4	41	51.3	36	45			2	2.5	1	1.3				
RAYAGADA	20	20	0	0.35	4.4			10	50	8	40	2	10								
SAMBALPUR	64	64	0	0.06	7.75			13	20.3	24	37.5	27	42.2								
SONAPUR	38	36	2	0.03	7.23	0.02	0.51	10	26.3	13	34.2	13	34.2	2	5.3						
SUNDARGARH	80	79	1	0.25	8.7	0.4	0.4	30	37.5	28	35	21	26.3	1	1.3						
TOTAL	1301	1283	18	18.57	188.9			319	24.5	589	45.3	37	28.7	17	1.3	1	0.1				

range of more than 4m. A maximum of 40.0% of wells in Ganjam district and a minimum of 4.1% in Mayurbhanj district recorded a rise in the range of 0-2m. A maximum of 85.2% of wells in Kendrapara district and a minimum of 27.3% in Nabarangpur district recorded rise in the range of 2 – 4m with majority of the districts in the state have more than 25% of the wells showing rise in this range.

Fall in water level

Only 1.38% of the wells monitored showed a fall in water level. 1.3% of wells showed fall in 0-2 m range. The fall in 0-2m range is seen in Bargarh, Kalahandi, Rayagada and Sonapur districts. 0.1% of wells in the state showed fall in water level in 2-4 m.

In general as it should be, a rise in water level is observed throughout the state during August 2014 with respect to April 2014 and majority of wells recorded 0-4 m rise because of recharge of aquifer due to monsoon rainfall.

7.4.2 APRIL 2014 - NOVEMBER 2014

The district-wise categorisation of water level fluctuation of November 2014 with respect to April-2014 has given in **table 7.14** has been shown in **Plate :- 7.14** .

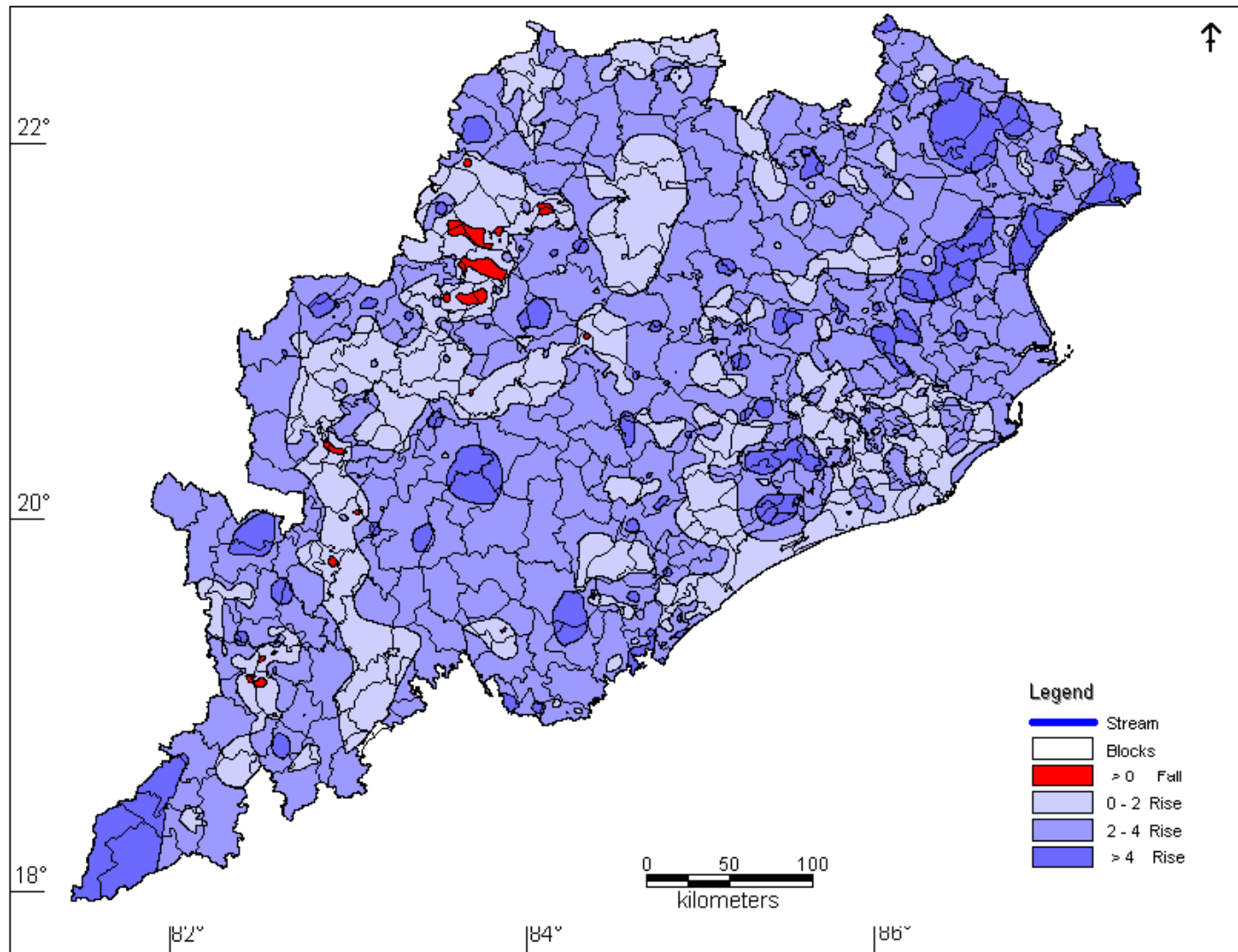
Rise in water level

95.4 % of the wells monitored in November 2013 showed a rise in water level when compared with that of April 2014 (Pre-monsoon). 39% of wells showed rise in 0-2 m range, 44.5% in 2-4 m range and 11.6% rise in the range of more than 4m. A maximum of 74% of wells in Puri district and a minimum of 5.1% in Jajpur district recorded a rise in the range of 0-2m. A maximum of 72% of wells in Bhadrak and a minimum of 19.5% in Puri district recorded rise in the range of 2 – 4m with majority of the districts in the state have more than 25% of the wells showing rise in this range. 4.6 % of wells shows fall in the range of 0-2 m.

Fall in water level

Only 4.6% of the wells monitored showed a fall in water level. 4.6% of wells showed fall in 0-2 m range. The fall in 0-2m range is seen in adequate number of wells in Bargarh, Kalahandi, Koraput and Sonapur districts.

In general as it should be, a rise in water level is observed throughout the state during November 2014 with respect to April 2014 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 – 14 – Nov– 14 State: Odisha

Table:-7.14

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	52	51	1	0.65	5.28	0.37	0.37	12	23.1	32	61.5	7	13.5								
BALANGIR	52	49	3	0	3.2	0.16	0.95	31	59.6	17	32.7			3	5.8						
BALESHWAR	28	28	0	0.88	6.43			4	14.3	15	53.6	9	32.1								
BARGARH	62	42	20	0.03	6.1	0.04	1.47	19	30.6	19	30.6	4	6.5	20	32.3						
BAUDH	47	45	2	0.4	4.6	0.15	0.35	15	31.9	25	53.2	5	10.6	2	4.3						
BHADRAK	18	18	0	1.18	5.6			1	5.6	13	72.2	4	22.2								
CUTTACK	82	81	1	0.2	5.5	0.06	0.06	42	51.2	35	42.7	4	4.9	1	1.2						
DEBAGARH	9	9	0	0.15	3.05			6	66.7	3	33.3										
DHENKANAL	41	41	0	0.1	5.35			12	29.3	24	58.5	5	12.2								
GAJAPATI	25	24	1	0.14	7.5	1.31	1.31	3	12	12	48	9	36	1	4						
GANJAM	84	83	1	0.33	6.05	0.05	0.05	37	44	30	35.7	16	19	1	1.2						
JAGATSingha	21	21	0	0.02	3.35			13	61.9	8	38.1										
JAJAPUR	39	39	0	1.23	5.4			2	5.1	22	56.4	15	38.5								
JHARSUGUDA	12	11	1	1.15	3.15	0.5	0.5	3	25	8	66.7			1	8.3						
KALAHANDI	39	37	2	0	5.22	0.18	0.35	12	30.8	20	51.3	4	10.3	2	5.1						
KANDHAMAL	0	0	0																		
KENDRAPARA	24	24	0	1.05	3.2			9	37.5	15	62.5										
KENDUJHAR	80	80	0	0.18	8.71			22	27.5	51	63.8	7	8.8								
KHORDHA	77	77	0	0.05	7.7			47	61	12	15.6	18	23.4								
KORAPUT	46	41	5	0.15	5.3	0.35	1.1	16	34.8	22	47.8	3	6.5	5	10.9						
MALKANGIRI	13	13	0	0.05	5.2			4	30.8	6	46.2	3	23.1								
MAYURBHANJ	74	73	1	0.59	9.06	0.03	0.03	11	14.9	49	66.2	13	17.6	1	1.4						
NABARANGAPU	21	21	0	0.5	6.6			5	23.8	12	57.1	4	19								
NAYAGARH	32	32	0	0.5	6.35			19	59.4	10	31.3	3	9.4								
NUAPADA	20	19	1	0.31	4.46	0.5	0.5	9	45	9	45	1	5	1	5						
PURI	82	77	5	0.41	2.8	0.04	1.83	61	74.4	16	19.5			5	6.1						
RAYAGADA	18	17	1	0.2	4	0.45	0.45	8	44.4	8	44.4	1	5.6	1	5.6						
SAMBALPUR	63	59	4	0.05	4.6	0.06	0.8	21	33.3	33	52.4	5	7.9	4	6.3						
SONAPUR	38	31	7	0.27	4.87	0.05	1.15	12	31.6	15	39.5	4	10.5	7	18.4						
SUNDARGARH	77	74	3	0	5.15	0.1	1.85	42	54.5	27	35.1	4	5.2	3	3.9						
TOTAL	1276	1217	59	10.77	153.7			498	39	568	44.5	148	11.6	59	4.6						

7.4.3 APRIL 2014 – JANUARY 2015

The district-wise categorisation of water level fluctuation of January 2015 with respect to April-2014 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 2015 with reference to April 2014 shows that rise in water level between 0-2m has been observed in 67.6% of the wells with maximum of 96.6% of wells in Puri district and a minimum of 31.6% in Bhadrak district recorded. 19% of wells are in 2-4 m range and 2% well shows rise in the range of more than 4m.

Fall in water level

10.64% of the wells monitored showed a fall in water level. 9.5% of wells showed fall in 0-2 m range. District showing fall in this range are Bargarh (38.7%), Sonepur (28.9%), Balangir (25.9%), Debagarh (22.2%) and minimum of 2.1% fall in Anugul district. 0.9% of wells shows fall in 2-4m range. A maximum of 9.7% in Bargarh district and in minimum of 1.3% in Khurda, sundargarh and Puri district recorded in this range. The percentage of wells falling in greater than 4 m range is only 0.2% which is mostly in Koraput district.

In general as it should be, a rise in water level is observed throughout the state during January 2015 with respect to April 2014 and majority of wells recorded 0-4 m rise because of recharge of aquifer due to monsoon rainfall.

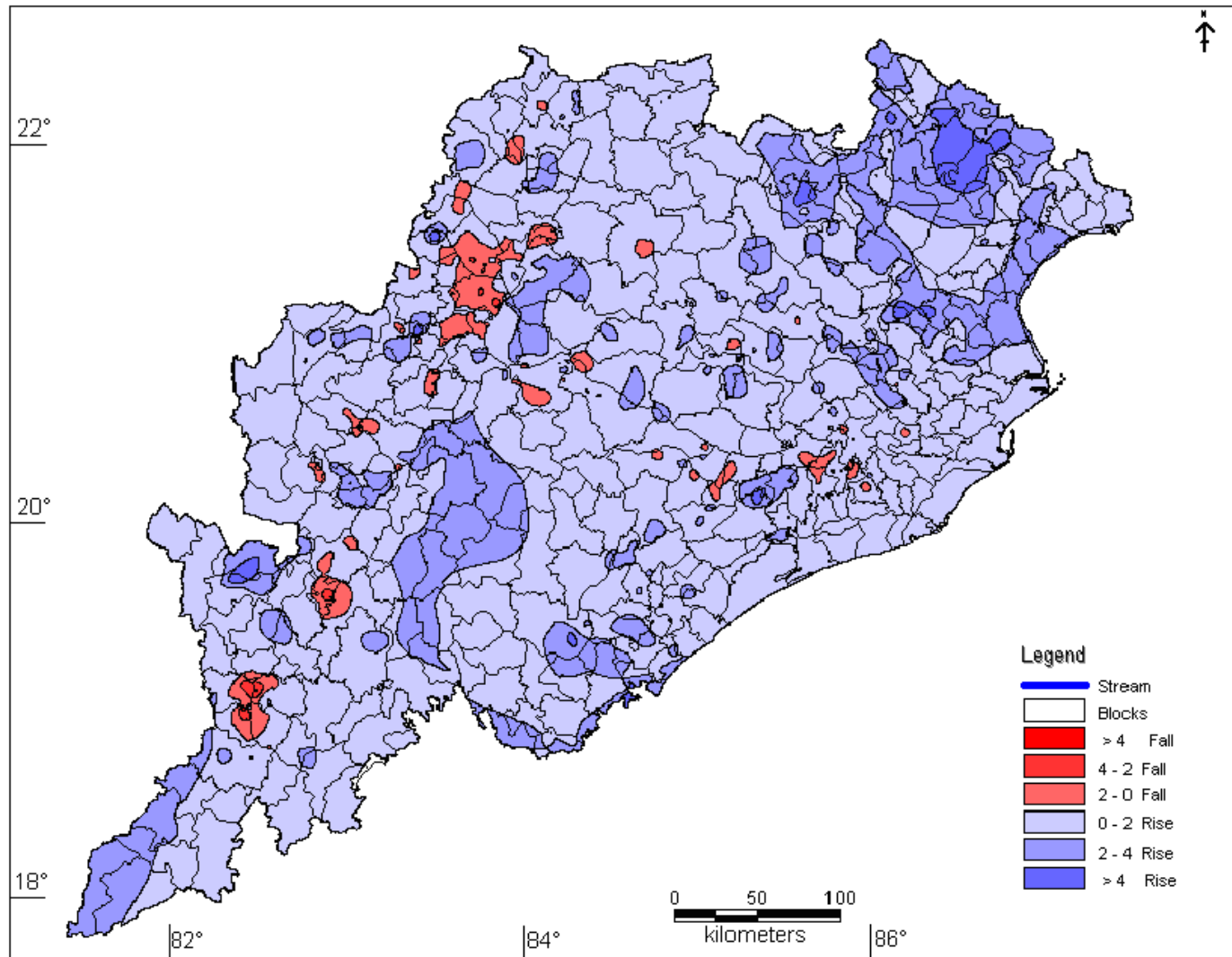


Table:-7.15

District wise Categorization of Change in Water Level
Apr – 14 – Jan– 15 State: Odisha

DISTRICT	Number of well analysed	Number of wells showing		Range of fluctuation (m)				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	48	47	1	0.01	3.1	1.58	1.58	36	75	11	22.9			1	2.1				
BALANGIR	54	40	14	0	6.07	0.01	1.46	33	61.1	4	7.4	2	3.7	14	25.9				
BALESHWAR	31	31	0	0.4	4.05			21	67.7	9	29	1	3.2						
BARGARH	62	32	30	0.06	5.7	0.06	3.25	26	41.9	5	8.1	1	1.6	24	38.7	6	9.7		
BAUDH	45	37	8	0.03	3.93	0.06	1.2	31	68.9	6	13.3			8	17.8				
BHADRAK	19	19	0	0.26	4.36			6	31.6	12	63.2	1	5.3						
CUTTACK	83	78	5	0.05	2.93	0.06	0.5	73	88	5	6			5	6				
DEBAGARH	9	7	2	0.1	1.8	0.05	0.8	7	77.8					2	22.2				
DHENKANAL	41	40	1	0.12	3.78	0.2	0.2	35	85.4	5	12.2			1	2.4				
GAJAPATI	25	24	1	0.31	7.4	0.09	0.09	9	36	14	56	1	4	1	4				
GANJAM	83	81	2	0.06	4.84	0.09	0.1	59	71.1	20	24.1	2	2.4	2	2.4				
JAGATSINGHA	22	21	1	0.29	2	0.15	0.15	20	90.9	1	4.5			1	4.5				
JAJAPUR	41	38	3	0.49	4.3	0.06	0.34	20	48.8	16	39	2	4.9	3	7.3				
JHARSUGUDA	12	11	1	0.3	3.45	1.3	1.3	9	75	2	16.7			1	8.3				
KALAHANDI	41	35	6	0.25	3.32	0.15	2.73	28	68.3	7	17.1			5	12.2	1	2.4		
KENDRAPARA	26	26	0	0.1	2.2			24	92.3	2	7.7								
KENDUJHAR	78	78	0	0.34	7.92			36	46.2	37	47.4	5	6.4						
KHORDHA	78	67	11	0	4.9	0.05	2.65	52	66.7	9	11.5	2	2.6	10	12.8	1	1.3		
KORAPUT	46	35	11	0	3	0.1	5	29	63	5	10.9			8	17.4	1	2.2	2	4.3
MALKANGIRI	11	11	0	0.95	3.5			8	72.7	3	27.3								
MAYURBHANJ	72	69	3	0.22	7.98	0.06	0.41	30	41.7	33	45.8	6	8.3	3	4.2				
NABARANGAPU	18	17	1	0.25	5.65	0.86	0.86	14	77.8	2	11.1	1	5.6	1	5.6				
NAYAGARH	33	28	5	0.02	5.14	0.25	0.69	23	69.7	4	12.1	1	3	5	15.2				
NUAPADA	20	18	2	0.02	1.72	0.62	0.8	18	90					2	10				
PURI	80	77	3	0.05	1.85	0.03	2.07	77	96.3					2	2.5	1	1.3		
RAYAGADA	19	19	0	0.1	2.4			15	78.9	4									
SAMBALPUR	64	55	9	0.04	3.9	0.05	2.1	43	67.2	12	18.8			8	12.5	1	1.6		
SONAPUR	38	27	11	0.1	3.32	0.13	0.95	22	57.9	5	13.2			11	28.9				
SUNDARGARH	79	74	5	0	3.75	0.05	2.15	60	75.9	10	12.7			4	5.1	1	1.3		
TOTAL	1278	1142	136	4.92	118.2			864	67.6	243	19	25	2	12 2	9.5	12	0.9	2	0.2

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 April 2014. 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

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

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	EC
ANUGUL	BANARPAL	Bhogabereni	4400
ANUGUL	TALACHER	Tentulai	2550
BARGARH	GAISILET	Gaisilet	4300
BAUDH	KANTAMAL	Kantamal	4300
CUTTACK	NIALI	Madhab	2216
DHENKANAL	ODAPADA	Dhaulpur	3000
GAJAPATI	KASHINAGARA	Kasinagar	2476
GAJAPATI	PARLAKHEMUNDI	Kalasing Banjero	3201
GANJAM	CHHATRAPUR	Tanganapalli	3226
GANJAM	CHHATRAPUR	Narendrapur	2363
GANJAM	CHHATRAPUR	Govindpur	2000
GANJAM	CHIKITI	Koilingi	2071
GANJAM	DHARAKOTE	Suramani	2676
GANJAM	GANJAM	Huma	4817
GANJAM	HINJILICUT	Hinjlikatu	2099
GANJAM	JAGANATHPRASAD	Chadeiapalli Chhak	2878
GANJAM	KHALIKOTE	Rambha	2290
GANJAM	KUKUDAKHANDI	Lathi	2156
GANJAM	POLASARA	Polasora	2284
GANJAM	PURUSOTTAMPUR	Bananai	2000
GANJAM	RANGILUNDA	Phulata	2285
GANJAM	RANGILUNDA	Korapalli	2273
JAGATSINGHAPUR	BALIKUDA	Balikuda	4015
JAGATSINGHAPUR	KUJANG	Bhutmundi	2180
JAGATSINGHAPUR	KUJANG	Paradeepgarh	2171
JAGATSINGHAPUR	KUJANG	Kujang	2157
JAGATSINGHAPUR	KUJANG	Paradeep	2005

KALAHANDI	GOLAMUNDA	Daspur	3220
KALAHANDI	JUNAGARH	Badbasul	2640
KALAHANDI	KOKASARA	Sunamala	2700
KALAHANDI	KOKASARA	Koksara	2000
KENDRAPARA	GARADPUR	Patkura	3200
PURI	SADAR	Chandanpur	2800
PURI	SADAR	Tulasichoura- Malatipatapur	2100
SAMBALPUR	JUJOMURA	Malgun	2476
SAMBALPUR	JUJOMURA	Jujhumura	2451
SONAPUR	ULUNDA	Metakani	4170
SONAPUR	ULUNDA	Phulmuthi	2000

Some of the locations having high values of chloride are incorporated in Table 8.2

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

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	CHLORIDE
ANUGUL	BANARPAL	Bhogabereni	822
ANUGUL	TALACHER	Tentulai	422
ANUGUL	ANUGUL	Bantala	255
BALANGIR	MURIBAHAL	Haladia	333
BARGARH	GAISILET	Gaisilet	1145
BARGARH	BARAPALI	Kusanpur	422
BARGARH	BARGARH	Kharmanda	337
BARGARH	BARGARH	Khuntapali	323
BARGARH	RAJBORASAMBAR	Mahulpali	294
BAUDH	KANTAMAL	Kantamal	1517
BAUDH	BAUDH SADAR	Manamunda	510
BAUDH	KANTAMAL	Sanrahajhar	489
BAUDH	BAUDH SADAR	Baunsuni	312
CUTTACK	NIALI	Madhab	397
CUTTACK	CUTTACKSADAR	Tangi	358
DHENKANAL	ODAPADA	Dhaulpur	702
DHENKANAL	SADAR	Bhapur	266
DHENKANAL	PARAJANG	Singhada	252
GAJAPATI	PARLAKHEMUNDI	Kalasing Banjero	645
GAJAPATI	KASHINAGARA	K Sitarampur	528
GAJAPATI	KASHINAGARA	Kasinagar	408
GAJAPATI	PARLAKHEMUNDI	Gosani	312
GANJAM	GANJAM	Huma	1095
GANJAM	JAGANATHPRASAD	Chadeiapalli Chhak	766
GANJAM	CHHATRAPUR	Tanganapalli	578
GANJAM	RANGILUNDA	Korapalli	521
GANJAM	CHHATRAPUR	Narendrapur	479
GANJAM	POLASARA	Polasora	422
GANJAM	HINJILICUT	Hinjlikatu	422
GANJAM	KHALIKOTE	Rambha	422

GANJAM	CHHATRAPUR	Chatrapur	390
GANJAM	RANGILUNDA	Phulata	386
GANJAM	JAGANATHPRASAD	Saishamuli	376
GANJAM	CHHATRAPUR	Govindpur	365
GANJAM	PURUSOTTAMPUR	Bananai	358
GANJAM	CHIKITI	Koilingi	337
GANJAM	DHARAKOTE	Suramani	337
GANJAM	KUKUDAKHANDI	Lathi	333
GANJAM	BELLAGUNTHA	Gobara	326
GANJAM	HINJILICUT	Belagan	273
GANJAM	KAVISURJYANAGAR	Gudiali	252
JAGATSINGHAPUR	BALIKUDA	Balikuda	1485
JAGATSINGHAPUR	KUJANG	Paradeep	585
JAGATSINGHAPUR	KUJANG	Bhutmundi	567
JAGATSINGHAPUR	KUJANG	Kujang	514
JAGATSINGHAPUR	KUJANG	Paradeepgarh	514
KALAHANDI	GOLAMUNDA	Daspur	496
KALAHANDI	KOKASARA	Sunamala	372
KALAHANDI	KOKASARA	Koksara	347
KALAHANDI	JAYAPATNA	Jaipatna	330
KALAHANDI	JUNAGARH	Mahichala	266
KENDRAPARA	GARADPUR	Patkura	1014
KENDRAPARA	KENDRAPARA	Duhuria	514
KENDRAPARA	KENDRAPARA	Kendrapara-I	514
KENDRAPARA	DERA BIS	Banpur	479
NUAPADA	KOMANA	Tarbod	363
NUAPADA	KHARIAR	Lachhipur	280
PURI	SADAR	Chandanpur	734
PURI	SADAR	Tulasichoura- Malatipatapur	507
PURI	SATYABADI	Nuasamsarpur	507
PURI	BRAHMAGIRI	Alipata	479
PURI	GOP	Madrang	467
PURI	SATYABADI	Kadua	393
PURI	SADAR	Puri town	252
RAYAGADA	PADMAPUR	Kenduguda	397
RAYAGADA	GUNUPUR	Dambasara	326
SAMBALPUR	JUJOMURA	Malgun	514
SAMBALPUR	JUJOMURA	Jujhumura	500
SAMBALPUR	BAMRA	Bamra	284
SAMBALPUR	JAMANKIRA	Bhojpur	266
SAMBALPUR	KOCHINDA	Boxma	266
SONAPUR	ULUNDA	Metakani	1266
SONAPUR	ULUNDA	Phulmuthi	362
SONAPUR	DUNGURIPALI	Karlajuri	312

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

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

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	FLUORIDE
ANUGUL	TALACHER	Sendhogram	4.4
ANUGUL	BANARPAL	Bhogabereni	4.2
ANUGUL	BANARPAL	Kukurang	3
ANUGUL	ANUGUL	Barhabahal	2.2
ANUGUL	ANUGUL	Bantala	2
ANUGUL	CHHENDIPADA	Chendipada	1.7
ANUGUL	KANIHA	Samal	1.5
ANUGUL	ANUGUL	Panchmahala	1.4
ANUGUL	BANARPAL	Tulsipal	1.4
BALANGIR	BALANGIR	Dulusara	1.6
BALANGIR	PUINTALA	Gaintala	1.6
BALANGIR	BANGOMUNDA	Titisilet	1.5
BALANGIR	AGALPUR	Salebhata	1.3
BALANGIR	TUREKELA	Kurli	1.2
BALANGIR	PUINTALA	Dumberbahal	1.2
BALANGIR	AGALPUR	Gorcochia	1.2
BALANGIR	BALANGIR	Bolangir-1	1.11
BALANGIR	KHAPRAKHOL	Phulkimunda	1.1
BALANGIR	AGALPUR	Bharsuja	1.1
BARGARH	BIJEPUR	Kharmunda	1.2
BAUDH	HARBHANGA	Purunakatak	1.2
BAUDH	HARBHANGA	Harekrishnapur	1.2
BAUDH	BAUDH SADAR	Badhigan	1.1
BAUDH	KANTAMAL	Gohipita	1.1
BAUDH	HARBHANGA	Tukulunda	1.1
CUTTACK	NARASINGHPUR	Narsingpur	1.3
DHENKANAL	HINDOL	Rasol	1.2
DHENKANAL	PARAJANG	Parjang	1.2
DHENKANAL	PARAJANG	Kandarsingha	1.2
GAJAPATI	PARLAKHEMUNDI	Raygarh	2
GAJAPATI	KASHINAGARA	Kasinagar	1.7
GAJAPATI	MOHANA	Luhaguda	1.4
GAJAPATI	PARLAKHEMUNDI	Kattalakanita	1.4
GAJAPATI	PARLAKHEMUNDI	Gosani	1.2
GANJAM	DHARAKOTE	Suramani	1.5
GANJAM	KHALIKOTE	Rambha	1.4
GANJAM	SARGAD	Sheragada	1.3
GANJAM	BHANJANAGAR	Gallery	1.2
GANJAM	RANGILUNDA	Korapalli	1.2
GANJAM	PURUSOTTAMPUR	Bananai	1.1
KALAHANDI	JUNAGARH	Badbasul	3.6
KALAHANDI	GOLAMUNDA	Golmunda	2.1

KALAHANDI	JUNAGARH	Baldiamal	1.2
KENDUJHAR	GHASIPURA	Ramchandrapur	2.4
KHORDHA	TANGI	Nirakarpur	1.1
MAYURBHANJ	KUSUMI	Kherna	1.5
NAYAGARH	GANIA	Ghholahandi	3.3
NAYAGARH	ODAGAON	Odagaon	1.8
NAYAGARH	ODAGAON	Solopata	1.5
NAYAGARH	BHAPUR	Kandapara	1.5
NAYAGARH	DASAPALLA	Daspalla-i	1.5
NAYAGARH	NUAGAON	Sapada	1.3
NAYAGARH	DASAPALLA	Subalaya	1.3
NUAPADA	BODEN	Boden	1.7
NUAPADA	KHARIAR	Ranipur	1.4
NUAPADA	KHARIAR	Sanmaheswar	1.3
PURI	SATYABADI	Uansdiha	1.8
PURI	PIPIL	Bantalsingh	1.5
PURI	BRAHMAGIRI	Budhiabar	1.4
PURI	SADAR	Moradpada	1.4
PURI	DELANGA	Beraboi	1.4
PURI	BRAHMAGIRI	Girala	1.1
SAMBALPUR	DHANKAUDA	Christianpara	1.5
SAMBALPUR	JUJOMURA	Mundher	1.2
SAMBALPUR	MANESWAR	Sahaspur	1.1
SONAPUR	SONEPUR	Khari	1.4
SONAPUR	BINIKA	Ankhidadar	1.4
SONAPUR	ULUNDA	Metakani	1.1
SUNDARGARH	SUNDARGARH	Karamdihi	1.1
SUNDARGARH	BALISANKARA	Putudihi	1.1
SUNDARGARH	SUNDARGARH	Moshani Kani	1.1
SUNDARGARH	RAJAGANGAPUR	Laing	1.1

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	Dhoman 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	Kantapur	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	Natara(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	Jayantipur	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	Hinjlicut	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	Belaguntha	19°52'40" N	84°38'23" E	Bore Well
BELLAGUNTHA	Belaguntha	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	Rampei	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	Joshipur	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	Odogaon	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	Jamadarparali	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	Dhurakhaman	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		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	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		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	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		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	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		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	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		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	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		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	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		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	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		Date 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		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	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		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	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		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	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		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	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		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	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		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	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		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	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		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	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		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	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		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	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		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	Gurundiha	Gurudiha	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 : Orissa
District : ANUGUL

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1	Amna	3.58	6.25	2.09	1.49	4.16
2	Angul1	3.63	5.94	2.87	0.76	3.07
3	Attamallick	1.60	3.72			
4	Bagharia	1.15	4.25	1.43	-0.28	2.82
5	Balanda	3.28	4.43	3.78	-0.50	0.65
6	Bamur	2.01	6.25	3.75	-1.74	2.50
7	Banarpall	2.97	7.05	3.20	-0.23	3.85
8	Bantala	3.20	6.18	6.55	-3.35	-0.37
9	Bantala-Ii	2.45	5.93	2.90	-0.45	3.03
10	Barhabahal	2.30	4.86	3.00	-0.70	1.86
11	Bhogabereni	1.04	8.11	2.83	-1.79	5.28
12	Boinda1	3.08	6.93	2.40	0.68	4.53
13	Boinda-Ii	2.28	5.07	2.55	-0.27	2.52
14	Chainpal	9.20	11.80	9.15	0.05	2.65
15	Chendipada1	2.31	5.76	2.96	-0.65	2.80
16	Derjung	7.22	8.72	7.63	-0.41	1.09
17	Durgapur 1		6.16	2.35		3.81
18	Godibandha		10.05	6.85		3.20
19	Goribandha	4.45	8.35	5.08	-0.63	3.27
20	Handpa	1.98	4.82	2.17	-0.19	2.65
21	Handpa-Ii	1.86	4.90	2.05	-0.19	2.85
22	Jagannathpur	3.41	6.91	4.08	-0.67	2.83
23	Jamardihi	2.09	6.11	2.88	-0.79	3.23
24	Jarpada		5.63			
25	Jharpada	3.70	5.52	4.13	-0.43	1.39
26	Katada	1.87	5.00	2.50	-0.63	2.50
27	Khamar-1	3.71	6.63	3.71	0.00	2.92
28	Khamar-Ii	4.72	7.42	5.36	-0.64	2.06
29	Kosala1	1.45	5.80	1.83	-0.38	3.97
30	Kuio	2.10	5.46	2.08	0.02	3.38
31	Kukurang	1.76	4.66	1.86	-0.10	2.80
32	Kulnara1	2.97	6.32	3.67	-0.70	2.65
33	Kumunda 1		2.50	1.62		0.88
34	Mahidharpur	2.49	8.69	3.54	-1.05	5.15
35	Maratira	1.25	3.60	1.36	-0.11	2.24
36	Nisa	2.09	3.92	2.22	-0.13	1.70
37	Pallahara1	2.25	5.67	2.33	-0.08	3.34
38	Panchmahala	3.33	8.57	3.90	-0.57	4.67
39	Panchmahala-Ii	3.05	7.85	4.34	-1.29	3.51

40	Paranga	0.83	2.73	1.10	-0.27	1.63
41	Purnakot	4.51	6.84	4.86	-0.35	1.98
42	Samal	1.65	2.58	1.87	-0.22	0.71
43	Seepur	2.88	8.70	3.47	-0.59	5.23
44	Sendhogram	5.17	5.97	5.17	0.00	0.80
45	Sipur	4.00	7.29	4.02	-0.02	3.27
46	Srirampur	2.55	6.75	3.35	-0.80	3.40
47	Talcher I	8.70	9.02	7.00	1.70	2.02
48	Tentulai	2.72	3.77			
49	Thakurgarh I	3.09	5.90	2.70	0.39	3.20
50	Tikarpara	1.09	5.23	1.06	0.03	4.17
51	Tileswar	2.12	5.20	2.78	-0.66	2.42
52	Tubey	1.80	3.55	1.85	-0.05	1.70
53	Tulsipal	1.56	5.31	1.91	-0.35	3.40
54	Ugi		9.98	7.13		2.85

District : BALANGIR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
55	Agalpur	4.95		3.58	1.37	
56	Agalpur 1		8.72			
57	Atgan	1.75	3.51	2.37	-0.62	1.14
58	Baijal Sagar	3.18				
59	Bairasar			3.90		
60	Bandupali		4.50	2.35		2.15
61	Banjari	3.24				
62	Belgaon	2.15	4.60	2.08	0.07	2.52
63	Belpara	4.65	4.94	3.59	1.06	1.35
64	Bharsuja	2.15	2.47	1.92	0.23	0.55
65	Bolangir-1	4.35	4.30	4.30	0.05	0.00
66	Bolangir-ii	1.78	2.69	1.19	0.59	1.50
67	Bongamunda	2.93	6.83	4.45	-1.52	2.38
68	Burda			1.90		
69	Burdal	3.05	5.22			
70	Chhatamakhan	2.20	3.80	3.15	-0.95	0.65
71	Chormara		2.20	1.95		0.25
72	Churapali	4.00	4.59	3.22	0.78	1.37
73	Dhomana Donga		3.35	1.90		1.45
74	Dhumamara	1.75	3.29	1.72	0.03	1.57
75	Duduka		3.26	2.40		0.86
76	Dulusara	4.30	5.21	4.03	0.27	1.18
77	Dumalpada	3.10	4.90	3.70	-0.60	1.20
78	Dumerbahal	5.90	6.60	5.40	0.50	1.20
79	Eachgaon		7.90	5.00		2.90
80	Gaintala	2.40	4.76	2.01	0.39	2.75
81	Ghambari	2.45				
82	Gorcochia	4.30	6.07	4.67	-0.37	1.40
83	Gudighat	3.40	4.05	1.45	1.95	2.60
84	Haladia	3.10	3.96	2.51	0.59	1.45
85	Hardatal	3.90	4.23	3.13	0.77	1.10
86	Ichhapur	1.44	0.37	1.32	0.12	-0.95
87	Jagua			1.60		
88	Jamut		5.55	2.82		2.73
89	Jhankar Pali			2.85		
90	Jogimunda	4.40				
91	Jogisurda	3.00	5.50	2.40	0.60	3.10
92	Joyorpada		4.22	2.12		2.10
93	Kantabanji	3.77	6.15	3.55	0.22	2.60
94	Kesaropali		3.38	2.32		1.06
95	Khaprakhhol	4.76				
96	Kholan	3.90	6.51	3.86	0.04	2.65
97	Kurli	3.93	5.61	4.00	-0.07	1.61
98	Kurul		3.93	2.00		1.93

99	Lathor	8.30				
100	Loisinga	2.88	4.10	2.90	-0.02	1.20
101	Minapali		5.30	3.35		1.95
102	Muribahal	4.22	7.52	4.80	-0.58	2.72
103	Nekpada			2.75		
104	Nuagaon2	2.95	5.40	2.97	-0.02	2.43
105	Nunhad		4.25	1.40		2.85
106	Padampur	2.35	4.66	3.53	-1.18	1.13
107	Patdamundai		2.68	1.92		0.76
108	Patnagarh-Ii	4.45	6.62	4.57	-0.12	2.05
109	Phulkimunda	2.30	2.60	1.85	0.45	0.75
110	Piprut		3.73	1.90		1.83
111	Pudapalli	1.35	2.27	1.50	-0.15	0.77
112	Rampur	7.65				
113	Rampur 1			2.60		
114	Randa	1.70	3.18	1.70	0.00	1.48
115	Regdol		3.75	1.80		1.95
116	Sagarpali			2.00		
117	Saintala (new)		4.00			
118	Saintala <new>	2.23				
119	Saintala 1			3.60		
120	Salandi	2.40	4.85	3.05	-0.65	1.80
121	Salebhata	3.32	3.50	3.66	-0.34	-0.16
122	Sarmohan-I	1.55	3.55	2.10	-0.55	1.45
123	Sindhikela	3.50	3.95			
124	Sindhikela (new)		3.40	3.65		-0.25
125	Sindhikela1			2.50		
126	Sinkhaman			1.40		
127	Suka	1.80	4.23	1.03	0.77	3.20
128	Tikkarpada		2.89			
129	Titisilet	4.65	7.05	4.45	0.20	2.60
130	Titlagarh (new)		3.90	2.90		1.00
131	Titlagarh1	3.60				
132	Uchhabahal			1.08		

District : BALESHWAR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
133	Baband	2.31	6.13	2.89	-0.58	3.24
134	Baghudi	3.15	5.92	1.77	1.38	4.15
135	Bahanga	2.58	7.20	3.08	-0.50	4.12
136	Bankisial	1.75	6.30	1.13	0.62	5.17
137	Basta	2.61	4.20	1.78	0.83	2.42
138	Benthiapada	2.63	5.72	2.80	-0.17	2.92
139	Bhagabondh	1.85	7.38	3.10	-1.25	4.28
140	Bhalukasuni 1	2.92	6.42	3.57	-0.65	2.85
141	Chalanti	1.73	5.09	3.47	-1.74	1.62
142	Chandipur	2.41		2.91	-0.50	
143	Chekamara	3.15	6.29	3.83	-0.68	2.46
144	Darkholi	3.50	8.20	3.08	0.42	5.12
145	Dasarathipur Sasan	3.21	5.81	4.93	-1.72	0.88
146	Govindpur	2.75	6.43			
147	Jamsuli	1.98	5.70	1.39	0.59	4.31
148	Jhomghati	3.58	5.81	2.79	0.79	3.02
149	Kansal	2.92		1.43	1.49	
150	Khantapada		8.30	1.87		6.43
151	Khontopara	1.51				
152	Kunchibenia	1.98	5.08	2.83	-0.85	2.25
153	Kupari	1.92	5.80			
154	Lingapada	3.31		3.71	-0.40	
155	Mahamadnagarpat	2.61				
156	Markona	2.41	5.39	2.47	-0.06	2.92
157	Mitrapur	2.20	6.41	3.28	-1.08	3.13
158	Nilgiri	3.18	5.72	3.77	-0.59	1.95
159	Nuaporhi		5.31	2.28		3.03
160	Oupada	2.87	5.21			
161	Raibania	2.04	4.92	1.41	0.63	3.51
162	Remuna	4.82	7.51	2.30	2.52	5.21
163	Rupsa	0.93	2.59	0.83	0.10	1.76
164	Sasanbar	1.73	4.80	0.93	0.80	3.87
165	Sathi	2.41		2.67	-0.26	
166	Siadimal	3.13	6.13	2.18	0.95	3.95
167	Sialghati	3.51	7.08	2.41	1.10	4.67
168	Soro	1.70	5.21	1.59	0.11	3.62
169	Tenda	2.71	6.40	3.11	-0.40	3.29

District : BARGARH

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
170	Ambabhona		3.50	1.90		1.60
171	Attabira 1	2.55	6.85	4.02	-1.47	2.83
172	Baghapalli	1.47	1.12	1.74	-0.27	-0.62
173	Bargarh 1	2.42	6.47	2.72	-0.30	3.75
174	Batetarma		6.03	2.91		3.12
175	Bhatli 1		2.22	1.97		0.25
176	Bheden 1		2.56	3.20		-0.64
177	Bhukta	1.25	2.17	2.04	-0.79	0.13
178	Bijepur 1		7.42	5.05		2.37
179	Boipur	0.98	1.12	1.02	-0.04	0.10
180	Burda	0.92	0.86	1.75	-0.83	-0.89
181	Burdapali	1.25	3.59	1.89	-0.64	1.70
182	Chaklifarm	0.45	0.60	1.07	-0.62	-0.47
183	Chichinda		0.98	1.56		-0.58
184	Dang	1.45	2.82	1.98	-0.53	0.84
185	Dumalpali	1.52	7.82	1.72	-0.20	6.10
186	Dungri	1.90		2.02	-0.12	
187	Gaisilet	1.84				
188	Gaisilet3		6.31	1.90		4.41
189	Ghens 1		5.47	2.53		2.94
190	Gondtarum	1.79	0.68	0.74	1.05	-0.06
191	Gopipali	2.37	6.83	4.26	-1.89	2.57
192	Gorbhaga	1.85	1.95	2.05	-0.20	-0.10
193	Grinjal		2.24	1.83		0.41
194	Hirapur	1.02	6.48	2.04	-1.02	4.44
195	Jagalpet			2.90		
196	Jamset	2.61	4.52	3.13	-0.52	1.39
197	Jamurda	0.85	0.88	1.14	-0.29	-0.26
198	Jaring	2.08	5.22	2.65	-0.57	2.57
199	Kalapanichak	0.51	1.48			
200	Kansdhol			6.24		
201	Kantabahal	5.12	6.53	5.25	-0.13	1.28
202	Katapali		5.26	3.24		2.02
203	Kharmanda	1.30	2.15	1.67	-0.37	0.48
204	Kharmunda	3.48	7.06	4.44	-0.96	2.62
205	Khuntapali	2.10	2.85	2.47	-0.37	0.38
206	Khutlipalli	2.70	8.43	5.50	-2.80	2.93
207	Kulunda	1.57	1.75	1.65	-0.08	0.10
208	Kumbhari	1.00	1.17	1.14	-0.14	0.03
209	Kurla	1.15	1.09	1.60	-0.45	-0.51
210	Kusanpur	1.62	5.08	2.74	-1.12	2.34
211	Larambha	1.42	1.29	1.34	0.08	-0.05

212	Lastala	2.12	1.77	2.22	-0.10	-0.45
213	Lenda	1.53	1.28	1.34	0.19	-0.06
214	Loharachatti 2		4.54			
215	Lupursinga	1.95	2.25	2.07	-0.12	0.18
216	Mahada	2.17	4.97	2.73	-0.56	2.24
217	Mahulpali	3.30	8.05	3.47	-0.17	4.58
218	Majhipali	3.55	5.82	3.98	-0.43	1.84
219	Malada	2.02	5.93	2.43	-0.41	3.50
220	Mithapali	1.08	3.92	1.28	-0.20	2.64
221	Padampur2			1.79		
222	Para	2.67	6.40	3.26	-0.59	3.14
223	Patrapalli	2.50	2.70	2.74	-0.24	-0.04
224	Purena	1.75	5.93	2.47	-0.72	3.46
225	Puturipali	0.60	0.71	2.06	-1.46	-1.35
226	Remada		0.85	1.05		-0.20
227	Remenda	1.18	1.85	1.43	-0.25	0.42
228	Rengalpali	0.81	0.79			
229	Rusuda	0.70	0.85	1.15	-0.45	-0.30
230	Sarala	1.15	0.85	1.25	-0.10	-0.40
231	Sargibahal 1		9.01	5.98		3.03
232	Satlama	3.04	6.02	3.62	-0.58	2.40
233	Sikirdi	0.77	0.79	0.91	-0.14	-0.12
234	Sulsulia	0.90	4.65	1.28	-0.38	3.37
235	Sunajuri-Tukuria		5.65	7.12		-1.47
236	Top	0.80	0.91	0.72	0.08	0.19
237	Tora	1.05	0.98	1.30	-0.25	-0.32
238	Uttam	1.63	1.86	1.58	0.05	0.28

District : BAUDH

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
239	Adenegarh	1.65	4.36	1.21	0.44	3.15
240	Ainlapali	1.64	4.56	1.35	0.29	3.21
241	Arakhpadar	3.00	4.30	1.58	1.42	2.72
242	Auinla Chua Chhak			1.30		
243	Badhigan	2.15	3.97	2.07	0.08	1.90
244	Baghiapada		5.12	2.40		2.72
245	Baidanathpur		3.70	1.45		2.25
246	Bala Singha		4.85	2.25		2.60
247	Baring	4.30	4.75	0.70	3.60	4.05
248	Baunsuni	2.46	5.15	2.25	0.21	2.90
249	Birnarsingpur	4.30	6.01	3.71	0.59	2.30
250	Boudh	4.60	3.89	4.24	0.36	-0.35
251	Brisspati Pur			2.13		
252	Charichak	2.40	3.90	1.65	0.75	2.25
253	Chatarang	2.90	4.61	2.88	0.02	1.73
254	Dahya	2.05	3.15	1.48	0.57	1.67
255	Damamunda	2.75	5.55	1.70	1.05	3.85
256	Dholpur	2.20	1.50	0.60	1.60	0.90
257	Dopla		4.80			
258	Evada		2.95	2.55		0.40
259	Gambhari Padar	1.60	2.95	1.45	0.15	1.50
260	Gandhi Sahi			2.40		
261	Ghamtapada		2.50	2.65		-0.15
262	Gohipita	3.30	5.52	1.87	1.43	3.65
263	Gudveli Padar			1.63		
264	Gundulia		5.93	4.90		1.03
265	Harbanga	3.00	5.91	1.31	1.69	4.60
266	Harekrishnapur	2.12	4.47	1.30	0.82	3.17
267	Jahanapank	2.28	4.85	1.95	0.33	2.90
268	Kamira		5.06	2.85		2.21
269	Kantamal	2.50	6.35	3.65	-1.15	2.70
270	Khajuripada		5.25	3.75		1.50
271	Kusang	5.30	6.44	4.11	1.19	2.33
272	Landibandh	1.90	5.03	0.83	1.07	4.20
273	Laxmanpur	1.30	2.54	1.10	0.20	1.44
274	Lumrijena		2.75	1.35		1.40
275	Maheswar Pinda	1.70	3.80	1.80	-0.10	2.00
276	Manamunda	3.00	5.40	3.60	-0.60	1.80
277	Nuapada	2.52	3.27	1.22	1.30	2.05
278	Nuapali	0.80	2.80	1.30	-0.50	1.50

279	Nunibahal	2.80	6.17	2.02	0.78	4.15
280	Palasaguda	1.80	5.10	2.80	-1.00	2.30
281	Palasaguda 1			1.85		
282	Polam	1.90	6.40			
283	Polam 2			2.05		
284	Purnakatak 1	5.35		1.96	3.39	
285	Purunakatak	3.10	4.70	2.90	0.20	1.80
286	Radha Nagar	3.52	6.10	2.02	1.50	4.08
287	Sangrampur	2.30	3.75	1.15	1.15	2.60
288	Sanrahajhar	4.50	4.52	1.99	2.51	2.53
289	Singrachhak	1.63	3.21	1.45	0.18	1.76
290	Telibandha	2.45	5.18	1.40	1.05	3.78
291	Tilesar	2.50	7.58	5.84	-3.34	1.74
292	Tilesar 1		4.27	1.65		2.62
293	Tukulunda	2.40	4.42	1.29	1.11	3.13
294	Udaipur			1.32		
295	Usbilika		5.50	3.20		2.30

District : BHADRAK

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
296	Ada Sasan	1.31	4.91	0.28	1.03	4.63
297	Agarpara	2.14		2.51	-0.37	
298	Akhuapada	3.15	5.73	3.03	0.12	2.70
299	Bagdavinayakpur	1.48	4.20	0.48	1.00	3.72
300	Balipatna	1.31	4.58	1.81	-0.50	2.77
301	Banth	2.18	7.39	1.79	0.39	5.60
302	Bentola	1.31	5.68	1.14	0.17	4.54
303	Betaligaon	1.89		1.69	0.20	
304	Bhadrak1	2.72	5.40			
305	Bhagvenpur		5.21	2.71		2.50
306	Bhandaripokhri	3.20	3.92	1.79	1.41	2.13
307	Bidanpur		5.41	2.21		3.20
308	Boharbili		5.30	1.33		3.97
309	Chandbali-2	2.31				
310	Durgapur	2.30	4.48	1.72	0.58	2.76
311	Gujidarha	3.18	5.72	2.57	0.61	3.15
312	Kadabaranga	2.72				
313	Kothar	3.18	5.92	2.69	0.49	3.23
314	Kothar 1		3.99	2.81		1.18
315	Puriparabenipur	2.68	4.98			
316	Rambhila	1.40	5.37	1.40	0.00	3.97
317	Sabrang	2.38	5.81	2.13	0.25	3.68
318	Talapada		6.90	2.68		4.22
319	Tihidi			2.70		
320	Uttarabahini	1.59	5.18	1.81	-0.22	3.37

District : CUTTACK

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
321	Abhimanpur	0.53	3.75	1.10	-0.57	2.65
322	Achhutpur	0.90	3.65	1.40	-0.50	2.25
323	Adaspur	1.13	3.30	2.00	-0.87	1.30
324	Anantapur	0.45	2.60	1.05	-0.60	1.55
325	Athagarh-1	2.83	5.58	3.08	-0.25	2.50
326	Aunlo	1.02	4.05	1.50	-0.48	2.55
327	Balichandrapur	0.84	3.00	1.30	-0.46	1.70
328	Balijhari 1		7.55	2.20		5.35
329	Bankil	1.30	4.80	2.00	-0.70	2.80
330	Baramba	2.55	8.20	2.70	-0.15	5.50
331	Baranga	0.96	3.60	1.30	-0.34	2.30
332	Belasahi		3.90	1.70		2.20
333	Bentkar	1.08	5.25	1.30	-0.22	3.95
334	Brahmana Jhharilo			1.90		
335	C-01 Balikuda	2.82				
336	C-02 Gopalpur	2.99	3.13	1.24	1.75	1.89
337	C-03 Khannagar	2.09	5.38	5.44	-3.35	-0.06
338	C-04 Khannagar (Kalivihar)	2.76	2.18	1.56	1.20	0.62
339	C-05 CDA (Ward.7)	4.18	7.04	4.67	-0.49	2.37
340	C-06 Bidanasi	3.65	1.83	1.23	2.42	0.60
341	C-07 Sekhbazar	2.70	3.51	2.67	0.03	0.84
342	C-08 Jobra Launch Ghat	2.33	4.35	3.09	-0.76	1.26
343	C-09 Bose Campus	3.05	1.63	1.08	1.97	0.55
344	C-10 Sikharpur	1.88	1.21	0.94	0.94	0.27
345	C-11 Badambadi	2.35	0.72			
346	C-12 Nimasahi (Haripur)	3.08	1.79	1.16	1.92	0.63
347	C-13 Mahammadia Bazar	3.71		3.15	0.56	
348	C-14 Chandi Mandir	2.95	1.62	1.10	1.85	0.52
349	C-15 Cant. Road (Tulsipur)	3.16				
350	C-16 Bauxi Bazar	3.23	3.36	1.88	1.35	1.48
351	C-17 Fakirpur	2.73	2.21	1.14	1.59	1.07
352	C-18 Jagatpur	4.14	4.03	1.58	2.56	2.45
353	C-19 Chauliaganj	2.60	1.75	0.59	2.01	1.16
354	C-20 Nadikula sahi (Sikharpur)	2.25	1.16	0.47	1.78	0.69
355	C-21 Bidyadharpur	3.78	5.60	1.10	2.68	4.50
356	C-22 Andarpur	2.37	2.30	0.83	1.54	1.47
357	C-23 Railway Colony (OMP S	3.00	4.91	1.87	1.13	3.04
358	C-24 Nuagarh	3.11	4.47	2.28	0.83	2.19
359	C-25 Balikuda-2	2.28	4.14	3.23	-0.95	0.91
360	C-26 Jagatpur-2	3.19	3.11	1.48	1.71	1.63
361	C-27 Manguli Chhak	3.45		1.58	1.87	
362	C-28 Jagatpur-3 (Nuasahi)	4.12	5.27	5.02	-0.90	0.25

363	C-29 Khapuria Bazar	3.88	4.01	1.75	2.13	2.26
364	C-30 Khapuria (Nuapada)	2.15	0.86	0.39	1.76	0.47
365	C-31 Pithapur	2.01	3.61			
366	C-32Khapuria			3.19		
367	C-33 Lakshmi Mandap (Badam			0.57		
368	Choudwar	3.00	3.00	1.00	2.00	2.00
369	Chowdwar			5.36		
370	Cuttack Town	1.15	5.40	2.75	-1.60	2.65
371	Dingeswar		3.00	1.40		1.60
372	Fategarhbazarsa	1.00	4.15	1.65	-0.65	2.50
373	Gopalpur2	0.95	3.80	1.20	-0.25	2.60
374	Gopapur	2.15	4.47	2.05	0.10	2.42
375	Gunadol(chingud	1.04	3.30	1.70	-0.66	1.60
376	Jagatpur-i	1.24	4.50	2.45	-1.21	2.05
377	Jagatpur-II	0.80	1.80	1.30	-0.50	0.50
378	Jharpara	0.92	2.98	1.40	-0.48	1.58
379	Kanapur	1.91	2.46	1.34	0.57	1.12
380	Kandarpur		3.75	1.30		2.45
380	Kandarpur	1.45				
381	Kantapara1	1.39	5.70	1.30	0.09	4.40
382	Karadibandh	1.60	4.41	2.70	-1.10	1.71
383	Khuntuni	1.20	2.30	1.34	-0.14	0.96
384	Kuapal	0.90	4.00	1.50	-0.60	2.50
385	Kulailo	0.75	3.60	1.32	-0.57	2.28
386	Kulia Market		2.95	1.15		1.80
387	Kusunpur	1.00	4.23	1.95	-0.95	2.28
388	Madhab	0.88	3.65	1.25	-0.37	2.40
389	Mahanga	1.00	2.73	1.35	-0.35	1.38
390	Megha	0.95	3.16	1.18	-0.23	1.98
391	Nachhipur	0.90	3.70	1.30	-0.40	2.40
392	Nandalagada	0.69	2.80	1.20	-0.51	1.60
393	Narsingpur	2.25	5.95	3.10	-0.85	2.85
394	Natara(matkatpu	1.00	3.15	1.30	-0.30	1.85
395	Niali	1.48	4.75	2.00	-0.52	2.75
396	Nimpur	1.15	4.20	1.35	-0.20	2.85
397	Nischintakoili (new)		1.40	1.20		0.20
398	Nuagarh		3.40	1.20		2.20
399	Oranda	4.36	7.05	4.82	-0.46	2.23
400	Paikasahi	0.50	2.90	1.15	-0.65	1.75
401	Radha Gobindapur	1.65	5.50	1.56	0.09	3.94
402	Raisunguda	0.75	2.45	1.15	-0.40	1.30
403	Rajnagar	1.58	2.14	1.61	-0.03	0.53
404	Sankhmiri	1.46	2.35	1.14	0.32	1.21
405	Saradapur	1.74	5.00	2.83	-1.09	2.17
406	Sisua		3.05	1.15		1.90
407	Sukhrapada	1.02	2.27	1.45	-0.43	0.82
408	Tangil	2.35	5.85	2.77	-0.42	3.08
409	Telengapenth	0.73	3.30	1.55	-0.82	1.75
410	Tigiria	0.24	1.34	0.39	-0.15	0.95

District : DEBAGARH

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
411	Barkot-iii	2.50	6.55	3.50	-1.00	3.05
412	Deogarh	1.70	3.85	3.30	-1.60	0.55
413	Kalkar	1.45	6.35	3.40	-1.95	2.95
414	Kondal	1.35	5.25	3.45	-2.10	1.80
415	Rengalbeda		1.85	1.25		0.60
416	Riamal	0.65	3.45	1.75	-1.10	1.70
417	Tarang	1.15	6.70	6.55	-5.40	0.15
418	Telimunda		4.90	3.60		1.30
419	Tileibani	2.60	6.85	4.85	-2.25	2.00

District : DHENKANAL

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
420	Alnaberini 1		8.30	5.15		3.15
421	Babandh	0.95		1.10	-0.15	
422	Badajhara	2.35	5.10	2.60	-0.25	2.50
423	Badasuanlo-Hatwari		5.04	1.03		4.01
424	Baisingha	6.19	9.82	6.77	-0.58	3.05
425	Baldiabandh	4.98	6.91	5.19	-0.21	1.72
426	Balmi	5.17	8.67	5.32	-0.15	3.35
427	Balrampur	1.17	3.92	1.65	-0.48	2.27
428	Bandhnuagaon	1.84	5.88	1.58	0.26	4.30
429	Batgaon	2.52	5.04	2.96	-0.44	2.08
430	Baulpur	3.05	6.25	3.45	-0.40	2.80
431	Bhapur2	1.06	4.55	1.48	-0.42	3.07
432	Bhuban	4.18	5.83	4.35	-0.17	1.48
433	Bhuban-Ii	2.03	3.80	2.15	-0.12	1.65
434	Deogaon	0.88	3.05	1.12	-0.24	1.93
435	Dhaulpur	0.60	4.40	0.62	-0.02	3.78
436	Dhenkanal	1.56	2.14	2.04	-0.48	0.10
437	Gangutia	4.30	6.24	4.97	-0.67	1.27
438	Goda	4.52	9.17	4.72	-0.20	4.45
439	Gondial	0.94	2.69			
440	Hatwari	3.14	5.49	3.37	-0.23	2.12
441	Hindoll	4.80	5.95	5.05	-0.25	0.90
442	Joranda	4.83	7.83	5.65	-0.82	2.18
443	Kaimati	1.74	4.59	2.35	-0.61	2.24
444	Kamakyanager	4.29		3.77	0.52	
445	Kamakyanager-Ii	4.27	8.27	3.48	0.79	4.79
446	Kandarsingha	1.37	4.86	2.01	-0.64	2.85
447	Kankadahad		6.99	6.36		0.63
448	Karanda	1.55	4.72	1.67	-0.12	3.05
449	Mahulpal	1.76	5.36	2.13	-0.37	3.23
450	Mandar	4.31	6.09	3.82	0.49	2.27
451	Mathakaragola	6.92	8.25	7.38	-0.46	0.87
452	Motanga	2.44	5.44	2.79	-0.35	2.65
453	Motanga-Ii	2.48	5.28	2.50	-0.02	2.78
454	Muktaposi	0.82	6.37	1.02	-0.20	5.35
455	Parjangl	1.39	5.99	2.24	-0.85	3.75
456	Rasol	1.96	5.49	2.04	-0.08	3.45
457	Sading	1.28	4.67	1.67	-0.39	3.00
458	Samacharanapur	1.85	4.78	3.00	-1.15	1.78
459	Samole	2.10	5.96	2.66	-0.56	3.30
460	Saptasaja	1.66	3.21	1.76	-0.10	1.45
461	Shankarpur	2.04	4.14	1.84	0.20	2.30
462	Singhada	1.75	3.15	1.81	-0.06	1.34

District : GAJAPATI

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
463	Adaba	2.60	5.37	2.45	0.15	2.92
464	Bada Khoni		2.71	1.20		1.51
465	Chandiput	6.35	9.00	1.50	4.85	7.50
466	Chandragiri		8.53	4.02		4.51
467	Damadua	1.18				
468	Dantarinalo	2.73	4.04	5.35	-2.62	-1.31
469	Garapanth		3.12	1.77		1.35
470	Gosani	1.19	5.03	1.07	0.12	3.96
471	K Sitarampur	1.85	4.42	1.50	0.35	2.92
472	Kantragada	0.47	3.17	0.67	-0.20	2.50
473	Kasinagar	2.46	5.83	1.50	0.96	4.33
474	Kattalakanita	2.75	6.05	2.45	0.30	3.60
475	Khajuripara	2.97				
476	Ladruma		8.95	3.93		5.02
477	Lavanya Khotta		3.76	0.14		3.62
478	Luhaguda	2.12	6.44	1.86	0.26	4.58
479	Madhura-Amba	1.00	2.70	0.56	0.44	2.14
480	Miniliaon		5.44	1.81		3.63
481	Mohana	1.90	8.11	1.57	0.33	6.54
482	Narayanpur	1.72	4.55	1.47	0.25	3.08
483	Parasamba		6.30	1.71		4.59
484	Parlakhemundi	1.19	3.61	0.95	0.24	2.66
485	Pegoda		6.67	3.17		3.50
486	Raygarh	1.65	2.38	2.24	-0.59	0.14
487	Santhi Nagar		6.18	1.42		4.76
488	Taramala	1.11	3.95	0.58	0.53	3.37
489	Tattipati	1.40	5.53	1.50	-0.10	4.03
490	Tumbagarh	2.75				

District : GANJAM

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
491	Ambapua	4.00	5.85	3.70	0.30	2.15
492	Aska	0.91	1.58	0.65	0.26	0.93
493	Badagarh	0.38	1.22	0.44	-0.06	0.78
494	Badakhandi	0.55		0.49	0.06	
495	Badakholi		3.15	1.15		2.00
496	Balipadar	0.91	3.45	0.80	0.11	2.65
497	Bananai	0.95	1.33	1.00	-0.05	0.33
498	Baragam	1.35	3.87	1.33	0.02	2.54
499	Belagunthal	1.48	4.80	2.40	-0.92	2.40
500	Berhampur I	1.45	2.15	1.75	-0.30	0.40
501	Bhanjanagar-i	2.70	4.00	2.05	0.65	1.95
502	Bhanjanagar-ii	6.17	8.18	6.18	-0.01	2.00
503	Bhetnai	1.20	3.80	1.35	-0.15	2.45
504	Buguda I	1.92	3.50	0.85	1.07	2.65
505	Chadeiapalli Chhak	1.10	4.80	1.65	-0.55	3.15
506	Chamkahandi	1.05	2.01	1.35	-0.30	0.66
507	Chatrapur I	1.50	4.08	2.05	-0.55	2.03
508	Chikiti	1.73	2.93	1.66	0.07	1.27
509	Dadralunda		2.85	1.00		1.85
510	Dharkote	1.59	1.82	0.59	1.00	1.23
511	Digapandi	1.34	2.10	1.35	-0.01	0.75
512	Dumdumi	1.70	5.81	1.65	0.05	4.16
513	Gangapur	1.25	4.23	0.85	0.40	3.38
514	Ganjam	1.15	2.60	1.10	0.05	1.50
515	Gayagonda	2.19	4.27	2.07	0.12	2.20
516	Gobara	0.45	6.35	1.27	-0.82	5.08
517	Golabandha	2.93	8.80	4.03	-1.10	4.77
518	Golanthara	3.05	5.62	2.90	0.15	2.72
519	Gopalpur	1.00	2.00	1.40	-0.40	0.60
520	Govindpur I	2.65	3.80	2.20	0.45	1.60
521	Gudiali	1.37	5.56	0.70	0.67	4.86
522	Hinjalapalli	0.25	1.80			
523	Hinjlikatu		4.76	2.33		2.43
524	Huma	0.27	1.80	0.27	0.00	1.53
525	Hummuri	0.70	1.76	1.11	-0.41	0.65
526	Jagannathprasad	1.51	5.78	1.45	0.06	4.33
527	Jakara	1.29	4.14	0.67	0.62	3.47
528	Jamuni	0.85	3.87	1.91	-1.06	1.96
529	Jarada I	0.35	2.15	0.45	-0.10	1.70
530	Jayantipur	0.78	6.22	0.63	0.15	5.59
531	Jhadabhumi	1.59	5.47	1.30	0.29	4.17
532	K.nuagan	2.75	4.32	3.45	-0.70	0.87

533	K.s.nagar	0.85	3.89	0.85	0.00	3.04
534	Kalamb	1.40	5.55	1.80	-0.40	3.75
535	Kamappalli	1.95	4.10	1.88	0.07	2.22
536	Kanakia	3.18	6.31	1.48	1.70	4.83
537	Karachuli	1.61	2.38	1.37	0.24	1.01
538	Kendupadar	0.69	3.68	0.58	0.11	3.10
539	Khalikot	1.57	4.95	2.50	-0.93	2.45
540	Khandrabali	1.80	2.74	1.72	0.08	1.02
541	Kodala	0.71	3.21	0.63	0.08	2.58
542	Koitra		2.75	1.63		1.12
543	Konishi	1.00	5.51	1.13	-0.13	4.38
544	Kontaipalli		6.90			
545	Korapalli	1.80	3.60	1.10	0.70	2.50
546	Kukudahandi	1.05	4.14	1.11	-0.06	3.03
547	Lathi	1.05	2.60	1.10	-0.05	1.50
548	Lathipada	2.02	5.70	1.90	0.12	3.80
549	Laxmipur1	1.50	7.05	1.00	0.50	6.05
550	Mangalpur2	1.40	3.91	1.43	-0.03	2.48
551	Mantridi	0.48	2.18	0.65	-0.17	1.53
552	Mujhagarh	4.70	5.80	4.32	0.38	1.48
553	Mundamarai	1.62	1.60	0.45	1.17	1.15
554	Narendrapur	4.08	9.28	4.38	-0.30	4.90
555	Nuagaon2	1.24	2.06	1.07	0.17	0.99
556	Nuapalli	0.98	3.00	3.05	-2.07	-0.05
557	Nunipada	1.09	6.44	1.02	0.07	5.42
558	Patapur	4.00	7.30	2.60	1.40	4.70
559	Patrapur1	1.43	6.36	1.81	-0.38	4.55
560	Phulata	1.55	2.71	1.15	0.40	1.56
561	Pitamberpur	0.90	3.79	1.02	-0.12	2.77
562	Pochilima	2.05	3.07	2.25	-0.20	0.82
563	Poirasi	4.20	6.00	4.56	-0.36	1.44
564	Polasora	1.96	3.65			
565	Pudamari	0.93	2.89	0.93	0.00	1.96
566	Pudangi	1.47	3.65	0.95	0.52	2.70
567	Purusatampur	3.20	5.32	3.91	-0.71	1.41
568	Rambha	1.75	2.84	1.68	0.07	1.16
569	Ratanpur	1.30	3.18	1.35	-0.05	1.83
570	Roigam	1.85	5.63	2.08	-0.23	3.55
571	Saishamuli	5.33	7.11	5.28	0.05	1.83
572	Sheragada1	5.00		0.60	4.40	
573	Sorada	1.05	2.05			
574	Subash Ch.Pur	2.38	6.10			
575	Suramani	5.10	3.30	2.25	2.85	1.05
576	Surangi	2.08	3.65	1.55	0.53	2.10
577	Surlaroad	2.60	6.74	2.68	-0.08	4.06
578	Tanganapalli	2.58	4.30	1.28	1.30	3.02
579	Tarasingi	3.83	8.83	4.25	-0.42	4.58
580	Tilisingi	3.15	4.73	3.23	-0.08	1.50
581	Turumu1	2.24	2.74	1.79	0.45	0.95

District : JAGATSINGHAPUR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
582	Badapal	1.00	3.70	1.20	-0.20	2.50
583	Balarampur	0.95	3.25	1.30	-0.35	1.95
584	Balia Store	1.00	2.70	1.05	-0.05	1.65
585	Balikuda	0.92				
586	Balikuda2		2.90	1.05		1.85
587	Balituth	0.92	3.20	1.35	-0.43	1.85
588	Bhutmundi	0.35	2.25	1.00	-0.65	1.25
589	Borikina	1.02				
590	Ersama	0.40				
591	Ersama2		4.00	2.00		2.00
592	Gopinathpur	0.31	3.20	1.15	-0.84	2.05
593	Govindpur	1.05	3.90	1.45	-0.40	2.45
594	Jagannathpur1	0.92	3.90			
595	Kanakpur	0.65	3.15	1.20	-0.55	1.95
596	Kujang	0.89	2.80	1.10	-0.21	1.70
597	Kumartota chak	0.70	3.14	1.10	-0.40	2.04
598	Machgaon	0.88	3.15	0.90	-0.02	2.25
599	Mukundpur		3.00	1.05		1.95
600	Nausira	0.44	2.90	1.25	-0.81	1.65
601	Nuagaon2	0.98	3.00	1.25	-0.27	1.75
602	Nuapolbazar		3.15	1.30		1.85
603	Paradeep	1.83	5.85	2.50	-0.67	3.35
604	Paradeepgarh1	0.88	2.52	2.50	-1.62	0.02
605	Raghunathpur	1.05	4.80	2.00	-0.95	2.80
606	Sampur	0.76				
607	Sinharpur	0.70	3.00	1.20	-0.50	1.80

District : JAJAPUR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
608	Ambasar	2.32	6.31	2.92	-0.60	3.39
609	Amnut Monohi		7.03	2.07		4.96
610	Arkhapur	1.41	6.10	1.41	0.00	4.69
611	Balrampur			2.67		
612	Barchana	2.10	4.91	2.06	0.04	2.85
613	Baruda			2.18		
614	Binjharpur	1.89				
615	Chandeidhara	3.18	6.37	1.93	1.25	4.44
616	Chandikhole	3.43	5.48	1.30	2.13	4.18
617	Chhatia	3.07	5.06	2.28	0.79	2.78
618	Chinguripal	4.18	6.18	2.38	1.80	3.80
619	Danagadi	2.07	5.40			
620	Danagadi-Ii	4.31	5.91	3.17	1.14	2.74
621	Darpani	2.78	6.41	1.68	1.10	4.73
622	Dharmsala	1.81	4.81	1.27	0.54	3.54
623	Dubri	2.07	5.81	1.51	0.56	4.30
624	Dubri-Ii	3.90	7.13	1.73	2.17	5.40
625	Garamian	4.31	5.89	1.69	2.62	4.20
626	Haridaspur	1.30	2.52	0.61	0.69	1.91
627	Hatibari	2.18		1.28	0.90	
628	Jajpur	3.30	5.12	1.41	1.89	3.71
629	Jakhpura	2.78	6.39	2.47	0.31	3.92
630	Jakhpura-Ii	3.51	6.12	3.12	0.39	3.00
631	Kabatabandha	2.31	7.20	2.01	0.30	5.19
632	Kabirpur	2.51	5.48	1.51	1.00	3.97
633	Kalarangi	3.21	6.09			
634	Kalarangi-Ii	3.38	5.92	1.81	1.57	4.11
635	Kaliapani	4.30	6.62	2.41	1.89	4.21
636	Khonedi			2.25		
637	Kuakhia	3.14	5.74	1.19	1.95	4.55
638	Madhupurgarh	2.83	6.01	2.31	0.52	3.70
639	Mangalpur	2.53	4.98	1.27	1.26	3.71
640	Mangalpur2	1.39	6.00			
641	Neulpur	2.38	5.38	1.57	0.81	3.81
642	Pankpal	2.81	5.41	2.51	0.30	2.90
643	Phuljhore			2.18		
644	Purunabavlamola		7.81	2.78		5.03
645	Ragadi	2.93	4.92	1.41	1.52	3.51
646	Ragedi 1		4.73	1.35		3.38
647	Rampej	3.71	7.01	2.19	1.52	4.82
648	Saruabil(nuasah		6.51	3.07		3.44
649	Senoi		5.97	3.43		2.54

650	Singpur	5.01	6.11	2.40	2.61	3.71
651	Sohupur		4.54	1.79		2.75
652	Sukinda	1.53	3.04	1.81	-0.28	1.23
653	Sukinda-Ii	5.31	5.21	2.40	2.91	2.81
654	Tolagarh	3.08	5.48	1.58	1.50	3.90
655	Tomka		6.38			
656	Vyasnagar	5.31	7.29	2.03	3.28	5.26

District : JHARSUGUDA

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
657	Badmal	1.45	4.35	1.75	-0.30	2.60
658	Belpahar	3.65	6.15	3.15	0.50	3.00
659	Bhalupatra	1.85		2.85	-1.00	
660	Bhikhampali	2.45	5.05	2.65	-0.20	2.40
661	Brajrajnagar	5.05	7.95	5.35	-0.30	2.60
662	Dumerdihi			3.80		
663	Jharsuguda 1	4.25	6.35	4.45	-0.20	1.90
664	Katarbaga	1.15	1.15	1.65	-0.50	-0.50
665	Kirimeria	1.55	6.35	3.45	-1.90	2.90
666	Laikera	1.85	5.05	2.55	-0.70	2.50
667	Lakhanpur	2.85	5.70	3.80	-0.95	1.90
668	Panchagaon	1.05	4.85	1.75	-0.70	3.10
669	Sahaspur	1.35	5.20	2.05	-0.70	3.15
670	Singarpur	1.65	2.35	1.20	0.45	1.15

District : KALAHANDI

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
671	Ampani	1.80	5.50	1.70	0.10	3.80
672	Attanguda	1.50	4.60	2.10	-0.60	2.50
673	Badbasul	3.35	4.90	3.25	0.10	1.65
674	Baldiamal	1.60	2.10	1.52	0.08	0.58
675	Bandigaon	1.90	2.62	2.25	-0.35	0.37
676	Baner	1.95	5.10	2.35	-0.40	2.75
677	Bawanipatna	2.60	4.70	2.80	-0.20	1.90
678	Bijamara	3.52	4.70	2.80	0.72	1.90
679	Biswanathppur	4.10	8.45	3.80	0.30	4.65
680	Charbahal		4.80	2.70		2.10
681	Chiliguda			2.10		
682	Chiliguda I	2.30	4.50			
683	Dalguma	6.80	9.80	5.20	1.60	4.60
684	Daspur	3.10	4.80	3.62	-0.52	1.18
685	Dharamgarh	3.85	7.50	3.81	0.04	3.69
686	Golmunda	1.75	4.60			
687	Gunupur	0.70	2.92	0.80	-0.10	2.12
688	Jaipatna	1.40	3.80	1.60	-0.20	2.20
689	Jaring	1.20		1.48	-0.28	
690	Junagarh	1.90				
691	Junagarh I		5.30	2.74		2.56
692	Jurakhaman	2.10	7.12	1.90	0.20	5.22
693	Kalampur	1.95	1.42	1.60	0.35	-0.18
694	Karlapada	2.52		2.92	-0.40	
695	Kegaon	3.35	5.70	3.90	-0.55	1.80
696	Kesingal	5.85	7.00			
697	Koksara	1.38	3.70	1.93	-0.55	1.77
698	Madanpur I		7.55	4.95		2.60
699	Mahichala	1.05	1.80	1.80	-0.75	0.00
700	Malgaon	0.85	3.80	1.30	-0.45	2.50
701	Moter	2.20	3.75	2.80	-0.60	0.95
702	M-rampur	3.50	6.30	4.45	-0.95	1.85
703	Mukhiguda	1.10	3.80	2.20	-1.10	1.60
704	Narla	2.40	5.15	3.15	-0.75	2.00
705	Pastikudi I	2.15	6.10	3.10	-0.95	3.00
706	Pokaribandh		4.60	1.65		2.95
707	Risida	2.70	7.10	2.20	0.50	4.90
708	Santapur	2.80		4.20	-1.40	
709	Sargigora	5.10	8.01	5.58	-0.48	2.43
710	Sunamala	1.90	4.70	2.65	-0.75	2.05
711	Tal Jaring	1.65	1.50	1.85	-0.20	-0.35
712	Tulapada		3.20	0.85		2.35
713	Tundala	1.65	5.90	2.70	-1.05	3.20

District : KENDRAPARA

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
714	Aul(Ali)	1.10	3.95	1.40	-0.30	2.55
715	Chandibazar		2.80	1.05		1.75
716	Chandola	0.82	2.00	0.95	-0.13	1.05
717	Chatua	0.90	2.47	1.15	-0.25	1.32
718	Dalbi		4.15	1.70		2.45
719	Duhuria	0.45	3.10	1.00	-0.55	2.10
720	Gogua	0.92	4.00	1.40	-0.48	2.60
721	Hatia	1.05	4.70	1.55	-0.50	3.15
722	Indupur	1.02				
723	Jajanga		3.20	1.30		1.90
724	Jamdhar		3.00	1.30		1.70
725	Kajala		4.00	1.90		2.10
726	Kasoti	0.80	2.80	0.95	-0.15	1.85
727	Kendrapara1	1.05	4.90			
728	Laxminarayanpur	0.89	3.50	1.45	-0.56	2.05
729	Mahakalpara	0.80	2.70	1.35	-0.55	1.35
730	Marshaghai	1.05	4.00	0.90	0.15	3.10
731	Nikrai	0.92	3.35	1.35	-0.43	2.00
732	Patkura	1.13	3.70	1.25	-0.12	2.45
733	Pattamundai1	1.10	4.60	1.60	-0.50	3.00
734	Rajgarh	0.47	2.70	0.90	-0.43	1.80
735	Rajnagar-R	0.98	4.15	1.35	-0.37	2.80
736	Ramnagar		2.40	1.00		1.40
737	Shyamsundarpur	0.60	3.20	1.00	-0.40	2.20

District : KENDUJHAR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
738	Akul	1.01	4.19	1.38	-0.37	2.81
739	Anandapur	5.56	6.62	3.63	1.93	2.99
740	Badaposhi	1.95	5.20	2.05	-0.10	3.15
741	Badbil	3.74	5.99	2.93	0.81	3.06
742	Balaniposi	2.73	5.56	3.52	-0.79	2.04
743	Balarampur	2.06	4.15	2.55	-0.49	1.60
744	Balduan-I	3.77	6.63	3.09	0.68	3.54
745	Balijhodi	3.99	5.25	4.40	-0.41	0.85
746	Banspal-Ii		5.80	4.63		1.17
747	Baradevata	2.90		4.90	-2.00	
748	Barbil	3.56	5.90	3.95	-0.39	1.95
749	Barpada	1.92	4.88	2.26	-0.34	2.62
750	Baxibargaon	3.51		3.38	0.13	
751	Baxibarigan	3.19	5.87	3.22	-0.03	2.65
752	Belaipada	2.02				
753	Belbahali	3.03	6.05	3.15	-0.12	2.90
754	Benamunda	2.63	5.76	3.10	-0.47	2.66
755	Bhadrasahi	3.26	6.11	4.00	-0.74	2.11
756	Bhagomunda	4.11	5.60	4.50	-0.39	1.10
757	Bidyadharpur		5.76	4.64		1.12
758	Bimala	3.30	5.66	3.68	-0.38	1.98
759	Birgovindpur	4.02	5.90	4.05	-0.03	1.85
760	Burikapuri	3.05	6.00	3.58	-0.53	2.42
761	Champua	2.70		2.99	-0.29	
762	Deogan1	2.88	5.05	3.02	-0.14	2.03
763	Dhangadiha	3.60	6.01	3.85	-0.25	2.16
764	Dhenkikot			3.19		
765	Dhenkikote	3.10	4.96			
766	Dhokuta	5.12				
767	Gadadharpur	3.05	6.41	4.06	-1.01	2.35
768	Gajitangri	3.60	5.90	3.85	-0.25	2.05
769	Ghasipur	6.68	7.28	5.82	0.86	1.46
770	Ghasipura pz		7.35			
771	Ghatgaon	2.86	5.06	3.94	-1.08	1.12
772	Ghatgaon-I		7.08	3.09		3.99
773	Gonasika		5.31	4.73		0.58
774	Gopalpur2	2.55	4.18	3.00	-0.45	1.18
775	Guali		5.88	4.08		1.80
776	Harichandanpur	2.63	5.65	2.80	-0.17	2.85
777	Haridagot	1.96	4.16	2.09	-0.13	2.07
778	Jagmohanpur	2.90	7.05	3.46	-0.56	3.59
779	Jagmohanpur-Ii		7.13	3.01		4.12
780	Janghira	2.10	5.08	2.26	-0.16	2.82
781	Jaymangalpur	3.19	6.02	3.17	0.02	2.85
782	Jhangira	2.26	5.52	2.54	-0.28	2.98

783	Jhumpura	1.09	4.46	1.10	-0.01	3.36
784	Jhumpura-Ii	1.39	7.21	1.16	0.23	6.05
785	Joda	3.05	5.50	3.48	-0.43	2.02
786	Jodipada	2.93	6.15	3.11	-0.18	3.04
787	Kaliahata	3.62	5.58	3.80	-0.18	1.78
788	Kanjipani	4.35	5.80	1.98	2.37	3.82
789	Karanjia		4.10	2.25		1.85
790	Karanjia 1	1.28	3.82	2.63	-1.35	1.19
791	Katalaposhi	2.36	5.92	2.30	0.06	3.62
792	Kendeiposhi	2.33	4.19	4.01	-1.68	0.18
793	Keonjhar Sadar			4.33		
794	Keonjharгарh	4.22	7.22	4.88	-0.66	2.34
795	Kesurdapal	2.05	4.46	2.44	-0.39	2.02
796	Khiritangiri	3.35	7.99	4.10	-0.75	3.89
797	Khiritangiri-Ii	3.22				
798	Khuntapada		5.60	3.93		1.67
799	Kothaghar	1.84	4.78	1.94	-0.10	2.84
800	Malliposi	2.80	5.38	2.85	-0.05	2.53
801	Mathadai	2.31		0.53	1.78	
802	Mathadai-Ii	2.01		0.69	1.32	
803	Melana		5.46	3.45		2.01
804	Muktapur		5.00			
805	Nalda2	4.05	8.06	4.18	-0.13	3.88
806	Naranpur		7.07	3.69		3.38
807	Nuagaon		6.78	3.28		3.50
808	Nuasahi	3.02	6.01	1.27	1.75	4.74
809	Padampur2	3.16	9.64	3.20	-0.04	6.44
810	Padampur-Ii	3.35	9.81	3.03	0.32	6.78
811	Padang	2.46	5.00	2.60	-0.14	2.40
812	Palasponga	1.82	4.90	2.11	-0.29	2.79
813	Parsora	2.15	6.08	2.00	0.15	4.08
814	Patakhali	2.12		2.24	-0.12	
815	Patilo	3.16	5.75	3.61	-0.45	2.14
816	Pipilia 1	2.36	5.16	2.42	-0.06	2.74
817	Pitanali		7.19	4.96		2.23
818	Ramchandrapur	2.74				
819	Rugudi	2.11		3.85	-1.74	
820	Rugudi 1		6.18	4.06		2.12
821	Saharpara	2.00	6.09	2.83	-0.83	3.26
822	Sainkula	5.50	11.80	3.09	2.41	8.71
823	Sasang	1.99	5.45	2.29	-0.30	3.16
824	Sonapent	2.88	4.90	3.21	-0.33	1.69
825	Suakati	3.00	6.44	3.16	-0.16	3.28
826	Swampatna	3.11	4.55	4.01	-0.90	0.54
827	Swampatna-Ii		7.38	3.89		3.49
828	Tangarpada	1.90	4.09	2.09	-0.19	2.00
829	Telkoi	3.98	7.33	4.08	-0.10	3.25
830	Turmunga	2.69	5.65	2.87	-0.18	2.78
831	Udaipur	3.45	5.11	3.55	-0.10	1.56
832	Udaipur-Ii	4.09	5.41	3.76	0.33	1.65
833	Ukunta	2.80	6.06	3.04	-0.24	3.02

District : KHORDHA

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
834	B-01 Nathapur	1.10	2.30	1.55	-0.45	0.75
835	B-02 Samantarapur	0.45	0.70	0.40	0.05	0.30
836	B-03 Garage Chhak	0.40	0.50	0.45	-0.05	0.05
837	B-04 Lingaraj Temple	6.30	7.50	6.90	-0.60	0.60
838	B-05 Rath Road	0.30	1.60	0.40	-0.10	1.20
839	B-06 Purnama Gate	4.30	7.80	6.25	-1.95	1.55
840	B-07 Bapuji Nagar	1.25	2.40	1.75	-0.50	0.65
841	B-09 Tankapani Road	3.15	4.00	3.45	-0.30	0.55
842	B-11 Bargarh	2.35	3.50			
843	B-12 Laxmi Sagar	2.90	4.60	3.65	-0.75	0.95
844	B-13 Jharpada	1.40				
845	B-14 Rasulgarh	0.20	0.50	0.20	0.00	0.30
846	B-15 Bomikhal	2.90	5.85	4.45	-1.55	1.40
847	B-16 Saheed Nagar	5.10				
848	B-17 Satya Nagar	1.50	4.20	2.65	-1.15	1.55
849	B-18 Unit-2	2.10	11.10			
850	B-19 Palasuni Village	0.50	1.30	0.55	-0.05	0.75
851	B-20 Palasuni (NH-5)	0.30	0.90	0.35	-0.05	0.55
852	B-21 Haridaspur	1.05	3.55	1.25	-0.20	2.30
853	B-22 Mancheswar	1.60	2.45	1.75	-0.15	0.70
854	B-24 Acharya Vihar	0.95	2.10	1.35	-0.40	0.75
855	B-25 Sainik School	4.80	6.95	5.45	-0.65	1.50
856	B-26 Gadakana	3.30	6.80	5.20	-1.90	1.60
857	B-27 Patia	1.20	2.20	1.60	-0.40	0.60
858	B-28 Nayapalli (May Fair)	1.00	1.70	1.12	-0.12	0.58
859	B-29 Ekamra Villa	0.90	2.40	1.05	-0.15	1.35
860	B-30 Jaydev Vihar	0.30	3.37	2.12	-1.82	1.25
861	B-31 Unit-9	1.60	2.85	2.30	-0.70	0.55
862	B-32 Madhusudan Nagar	3.25	6.00	4.80	-1.55	1.20
863	B-33 Unit-4	2.80	5.60	4.15	-1.35	1.45
864	B-34 Ganga Nagar	1.90	6.35	4.85	-2.95	1.50
865	B-35 Unit-6	2.05	5.85	3.85	-1.80	2.00
866	B-36 Unit-1	3.60	6.50	6.30	-2.70	0.20
867	B-37 OUAT	1.60	2.50	1.80	-0.20	0.70
868	B-38 Bhimpur	0.70	2.80	1.65	-0.95	1.15
869	B-39 Bhimatangi	1.50	9.00	2.45	-0.95	6.55
870	B-40 Kapilaprasad	1.50	2.40	1.50	0.00	0.90
871	B-41 Pokhariput	4.60	7.00	5.00	-0.40	2.00
872	B-42 Kargil Basti	2.40	8.15	3.70	-1.30	4.45
873	B-43 Gandamunda	0.80	7.10	4.70	-3.90	2.40
874	B-44 Baramunda	1.05	1.50	0.50	0.55	1.00
875	B-45 Delta Square	3.50	7.70	6.10	-2.60	1.60
876	B-46 Nuapalli	3.60	10.00	4.20	-0.60	5.80
877	B-47 Ghatikia	2.60	6.85	5.37	-2.77	1.48
878	B-48 Dumuduma	1.75	6.35	4.80	-3.05	1.55

879	B-50 Janla	5.90	6.10			
880	B-51 DAV (Unit-8)	2.80	3.15	1.40	1.40	1.75
881	Baghmari	1.54	6.30	1.70	-0.16	4.60
882	Balakati	0.89	2.40	1.10	-0.21	1.30
883	Balipatna	1.10	2.15	1.70	-0.60	0.45
884	Balugaon	1.60	3.57	1.90	-0.30	1.67
885	Begunia		5.70	1.50		4.20
886	Bhubaneswar-i	2.82	4.85	2.70	0.12	2.15
887	Bhusundapur	3.18	8.95	3.50	-0.32	5.45
888	Bolagarh	2.78	10.15	3.20	-0.42	6.95
889	Budhapada	0.80	2.20	1.60	-0.80	0.60
890	Chandaka		2.65	1.20		1.45
891	Gobindpur	1.10	3.10	1.90	-0.80	1.20
892	Jankia	1.39	4.15	2.15	-0.76	2.00
893	Janla	2.70	7.60	3.10	-0.40	4.50
894	Jatni	3.15	11.40	4.05	-0.90	7.35
895	Jayamangal		8.00	3.60		4.40
896	Kapilaprasad	1.75	7.40	3.35	-1.60	4.05
897	Khandagiri	6.60	9.60	8.70	-2.10	0.90
898	Khurda	2.88	8.90	3.90	-1.02	5.00
899	Khurda Industrial Area	4.40	10.50	5.00	-0.60	5.50
900	Kuha	1.83	7.50	2.85	-1.02	4.65
901	Kundaiderapatna	1.85	3.40	1.45	0.40	1.95
902	Menthasala		2.70	1.25		1.45
903	Nirakarpur	2.56	7.75	3.70	-1.14	4.05
904	Niranjanpur	1.00	4.20	1.70	-0.70	2.50
905	Odakhanda-DW	1.25	3.75	2.60	-1.35	1.15
906	Padanpur	2.40	5.60	3.00	-0.60	2.60
907	Panikata	1.00	3.00	1.25	-0.25	1.75
908	Patia	2.00	4.90	2.25	-0.25	2.65
909	Pichkuli	0.66	7.40	1.45	-0.79	5.95
910	Raghunathpur	0.89	2.90	1.30	-0.41	1.60
911	Sandhapur		6.70	3.45		3.25
912	Sarua	0.55	8.90	1.20	-0.65	7.70
913	Sisupal Square	0.68				
914	Sundarpada	1.45	4.45	2.40	-0.95	2.05
915	Tamando		4.10	1.70		2.40
916	Tangi2	5.00	12.30	6.10	-1.10	6.20

District : KORAPUT

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
917	Ambaguda	3.40	5.30			
918	Ambaguda I			3.70		
919	Anta	1.30	3.50	2.00	-0.70	1.50
920	Baipariguda	3.40	5.10	3.70	-0.30	1.40
921	Bajiguda	3.50	7.25	4.90	-1.40	2.35
922	Balia	0.25	2.15	0.25	0.00	1.90
923	Bangalaguda	1.85	8.10	3.80	-1.95	4.30
924	Bijapur	1.25	3.95	1.20	0.05	2.75
925	Boriguma	1.15	7.45	2.15	-1.00	5.30
926	C.kusimi-i	1.00	5.30	2.20	-1.20	3.10
927	Chandli	0.40	3.10	0.45	-0.05	2.65
928	Chingudichuan		3.85	3.70		0.15
929	C-kusumi-ii	1.80	4.50	2.55	-0.75	1.95
930	Damanahandi	0.65	3.35	0.90	-0.25	2.45
931	Dasmanthapur	1.85	4.60	1.95	-0.10	2.65
932	Deoghati	3.30	6.05	3.45	-0.15	2.60
933	Dhaulapur	5.20	8.90	5.50	-0.30	3.40
934	Doraguda	5.40	6.55	5.25	0.15	1.30
935	Dumuriput	6.60	10.70	6.90	-0.30	3.80
936	Ghatarala	1.30	1.30	2.40	-1.10	-1.10
937	Gumur	2.10	3.80	3.05	-0.95	0.75
938	Jayantigiri		4.80	2.00		2.80
939	Jeypore I	4.85	8.05	5.05	-0.20	3.00
940	Jujari	2.95	2.00	1.70	1.25	0.30
941	Kakriguma	11.45	12.00	11.50	-0.05	0.50
942	Kantarkhal	2.10	3.00	2.50	-0.40	0.50
943	Kenduguda	0.80	1.10	0.90	-0.10	0.20
944	Khaliaguda	1.40	1.20	1.55	-0.15	-0.35
945	Konga	3.30	3.00	3.50	-0.20	-0.50
946	Koraput-i	7.30	9.90	6.90	0.40	3.00
947	Koraput-ii	2.40	3.90	2.95	-0.55	0.95
948	Kotpad	1.05	2.80	0.95	0.10	1.85
949	Kunduli		5.75	3.25		2.50
950	Kusumguda	6.20	8.00	6.60	-0.40	1.40
951	Lakshmipur	9.35	10.25			
952	Lamtaput	4.80	9.98	4.90	-0.10	5.08
953	Laxmipur I			9.55		
954	Mandalguda Colony		8.50	6.80		1.70
955	Miriguda	0.70	5.75	2.60	-1.90	3.15
956	Mundaguda	4.40	7.50	4.60	-0.20	2.90
957	Nandapur	2.65	5.25	2.80	-0.15	2.45
958	Panasaputbagh	1.80	1.30	1.80	0.00	-0.50
959	Panchada			7.40		
960	Patraput	2.85	6.65	2.70	0.15	3.95
961	Pitaguda	12.10	13.60	11.50	0.60	2.10

962	Podagada	5.45	5.35			
963	Potangi	3.70	5.30	3.20	0.50	2.10
964	Ramgiri	1.50	5.50			
965	Ramgiri 1			1.10		
966	Sasanhandi-ii	1.10	1.10	1.50	-0.40	-0.40
967	Satsimile		7.75	7.55		0.20
968	Similiguda	3.75	4.75			
969	Similiguda 1			3.65		
970	Soguru	4.77	8.27	6.17	-1.40	2.10
971	Subai		8.40	5.20		3.20
972	Tanginiguda		4.10	2.10		2.00
973	Tikaguda	1.95		2.65	-0.70	
974	Toyaput		10.00			
975	Umeri	3.75	6.35			
976	Umeri 1			3.15		

District : MALKANGIRI

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
977	Balimela	3.90	2.60	1.90	2.00	0.70
978	Bejaguda	3.90	7.15	3.90	0.00	3.25
979	Chitapari	1.35	4.45	1.45	-0.10	3.00
980	Govindpali	1.70	3.95	3.90	-2.20	0.05
981	Katameta	1.10	3.78	1.05	0.05	2.73
982	Khairput	1.70	3.50			
983	Khairput1			1.75		
984	Kodumulguma	1.35	3.05			
985	Korukonda	1.10	2.30			
986	Korukonda2			2.20		
987	Kudumuluguma1			1.35		
988	Kumbharguda		2.45	1.05		1.40
989	M.v.19	2.15				
990	M.V.7	2.30	7.55	2.45	-0.15	5.10
991	M.V.9	1.80		1.30	0.50	
992	Maithili	1.20	4.15			
993	Maithili1			1.20		
994	Malkangiri 1		5.45	1.15		4.30
995	Mundiguda		4.20	1.30		2.90
996	Parkannala	1.70	5.40	1.70	0.00	3.70
997	Pongam	2.40	6.15	2.65	-0.25	3.50
998	Sindhimal	0.90	6.20	1.00	-0.10	5.20
999	Somnathpur	1.50	4.30	2.50	-1.00	1.80

District : MAYURBHANJ

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,000	Amarda village	2.12	4.38	2.61	-0.49	1.77
1,001	Ambadiha		4.20	3.58		0.62
1,002	Asanbani	3.10	5.63	3.47	-0.37	2.16
1,003	Badampahad-1	5.11		5.18	-0.07	
1,004	Badasahi	1.94	4.64	2.36	-0.42	2.28
1,005	Bademtolia	5.69	5.74	5.77	-0.08	-0.03
1,006	Bagra	2.08		2.86	-0.78	
1,007	Bahalda	2.05	6.21	2.98	-0.93	3.23
1,008	Bahalda Road(kona)	2.36	5.98	2.71	-0.35	3.27
1,009	Baidipur	1.84		2.13	-0.29	
1,010	Baienchidiha		11.90	4.66		7.24
1,011	Bangriposi	5.74	8.56	5.56	0.18	3.00
1,012	Baripada	9.01	14.02	9.19	-0.18	4.83
1,013	Bedhakudar	2.95	6.55	3.08	-0.13	3.47
1,014	Begna	4.66	7.72	4.91	-0.25	2.81
1,015	Belam	3.35	6.65	3.85	-0.50	2.80
1,016	Betanoti		3.98	2.65		1.33
1,017	Betnoti1	1.62				
1,018	Bhatachhatra	1.93	5.16	2.26	-0.33	2.90
1,019	Bisoi	4.15	10.42	4.19	-0.04	6.23
1,020	Brundabanchan	3.78	6.65	3.88	-0.10	2.77
1,021	Chadheibhol	1.79	5.00	2.00	-0.21	3.00
1,022	Champajhar		4.19	2.09		2.10
1,023	Champrai	2.09	5.11	2.18	-0.09	2.93
1,024	Chandanpur	2.82	6.25	3.21	-0.39	3.04
1,025	Chitrada	4.02	6.10	4.08	-0.06	2.02
1,026	Dari		6.60	2.96		3.64
1,027	Devsol		6.01	3.01		3.00
1,028	Dhanpur	2.01	5.22	2.82	-0.81	2.40
1,029	Dukura	1.90		2.73	-0.83	
1,030	Gambharia	1.86	5.15	2.56	-0.70	2.59
1,031	Gorumahisani	2.80		3.18	-0.38	
1,032	Hatjori	1.68	4.79	1.80	-0.12	2.99
1,033	Indupur	2.66	5.70	2.93	-0.27	2.77
1,034	Itighar	2.23	6.18	3.02	-0.79	3.16
1,035	Jamda	2.17	5.72	3.19	-1.02	2.53
1,036	Jamsola	3.75	7.10	3.97	-0.22	3.13
1,037	Jamukeswar	1.98	4.79	2.81	-0.83	1.98
1,038	Jaonirdiha		9.10	3.19		5.91
1,039	Jharpokhari	1.60	5.14	2.54	-0.94	2.60
1,040	Jhunkapal	3.60	6.68	3.82	-0.22	2.86
1,041	Joshiapur	1.90	4.48	1.85	0.05	2.63
1,042	Kaptipada	1.99				
1,043	Karanjei-Bijatola Chhak	2.00	4.85	2.37	-0.37	2.48
1,044	Karanjia2	3.68		4.68	-1.00	

1,045	Kendujani	2.66	5.36	3.77	-1.11	1.59
1,046	Kendumundi	2.10	4.88	2.84	-0.74	2.04
1,047	Kherna	1.85	8.00	1.90	-0.05	6.10
1,048	Khiching	2.68	7.52	3.08	-0.40	4.44
1,049	Khunta	2.80	6.13	3.02	-0.22	3.11
1,050	Kostha	2.93	6.77	3.74	-0.81	3.03
1,051	Krishnachandrap	3.08	5.80	4.11	-1.03	1.69
1,052	Kuchei		10.72	2.81		7.91
1,053	Kuliana	3.00	5.91	3.21	-0.21	2.70
1,054	Mahuldia	2.44	6.11	2.79	-0.35	3.32
1,055	Mananda	2.90	6.60	4.19	-1.29	2.41
1,056	Manda	2.03	5.38	2.39	-0.36	2.99
1,057	Manitri	2.66				
1,058	Matigarh	1.85	4.95	2.33	-0.48	2.62
1,059	Moranda	3.06	6.75	3.69	-0.63	3.06
1,060	Nada	4.05	7.70	4.42	-0.37	3.28
1,061	Naranpur	2.50	5.86			
1,062	Naujara		7.10	3.29		3.81
1,063	Nechuapada	3.05	6.65	3.65	-0.60	3.00
1,064	Niranjana	2.88	6.95	3.19	-0.31	3.76
1,065	Nischintapur	4.41	7.05	4.36	0.05	2.69
1,066	Padampur		4.05	3.46		0.59
1,067	Pandaguni		5.25	3.18		2.07
1,068	Pathuri		7.05	3.46		3.59
1,069	Pithabata	5.56	14.16	5.10	0.46	9.06
1,070	Poilaakunda	2.18	7.13	3.09	-0.91	4.04
1,071	Poradiha	2.78				
1,072	Rairangpur	2.04	6.25	2.19	-0.15	4.06
1,073	Rajabasa		9.22	3.35		5.87
1,074	Raruan	3.01	5.56	3.01	0.00	2.55
1,075	Rashgovindpur	3.10	4.49	3.48	-0.38	1.01
1,076	Sandeuli	2.44				
1,077	Saraskona	3.36		3.61	-0.25	
1,078	Sarat	1.50	4.78	2.05	-0.55	2.73
1,079	Satkosia	2.71	5.01	3.12	-0.41	1.89
1,080	Shamakunta	3.48	5.80	3.88	-0.40	1.92
1,081	Similibandh	3.16	7.11	3.02	0.14	4.09
1,082	Sullyapada	2.01	6.15	3.01	-1.00	3.14
1,083	Taramara	2.86		2.66	0.20	
1,084	Tato	7.79	7.80	7.19	0.60	0.61
1,085	Thakurmunda	3.06		3.25	-0.19	
1,086	Tiring	1.65	6.36	2.01	-0.36	4.35
1,087	Tongabila Chhak	2.44	6.09	3.90	-1.46	2.19
1,088	Udala	2.49	5.33	3.21	-0.72	2.12

District : NABARANGAPUR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,089	Anchalguma1	1.45	5.25	1.95	-0.50	3.30
1,090	Baheda	1.20	5.70	1.90	-0.70	3.80
1,091	Baksaguda		6.40	4.20		2.20
1,092	Dadia-Majhiguda		5.90	2.60		3.30
1,093	Daibata	3.50	8.40	4.50	-1.00	3.90
1,094	Debugaon	1.92	3.80	2.20	-0.28	1.60
1,095	Dengaguda	2.40	6.50	4.10	-1.70	2.40
1,096	Digi	1.75	4.50	2.00	-0.25	2.50
1,097	Dondasora	0.80		0.62	0.18	
1,098	Fufugaon	2.60	5.40	2.30	0.30	3.10
1,099	Jharigan	1.45	8.50	1.90	-0.45	6.60
1,100	Karchamal	1.55	8.65	3.70	-2.15	4.95
1,101	Kodinga	0.95	5.65	2.55	-1.60	3.10
1,102	Kosagumunda	4.50	5.40	3.70	0.80	1.70
1,103	Kurlaghati	2.30	3.80	2.35	-0.05	1.45
1,104	Maidalpur1	0.90	6.30	1.55	-0.65	4.75
1,105	Nandahandi	2.45	4.70	2.70	-0.25	2.00
1,106	Nowrangpur	1.45	3.30	1.60	-0.15	1.70
1,107	Papadahandi1			5.20		
1,108	Papadahandi2	4.00	7.00			
1,109	Rangamatiguda		10.00	5.40		4.60
1,110	Sonamasigan	1.25		1.45	-0.20	
1,111	Tentulikunti	1.25	5.75	1.95	-0.70	3.80
1,112	Umarkot	0.55	1.00	0.50	0.05	0.50

District : NAYAGARH

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,113	Arakata		4.50	2.76		1.74
1,114	Balisahi			2.70		
1,115	Banigocha	3.95	7.65	1.30	2.65	6.35
1,116	Bhapur I	2.00	3.99	2.80	-0.80	1.19
1,117	Bherupada		3.60	1.65		1.95
1,118	Darpa-Narayanpur		3.20	0.70		2.50
1,119	Daspalla Market			1.35		
1,120	Daspalla-i	5.15	5.99	4.74	0.41	1.25
1,121	Dukhabali			4.79		
1,122	Durga Prasad			3.70		
1,123	Etamati	1.85	3.40	1.10	0.75	2.30
1,124	Gamasalia (Nuasai)			2.41		
1,125	Gania	3.30	3.65	3.15	0.15	0.50
1,126	Gasisevipur		4.00			
1,127	Ghholahandi	2.40	5.25	2.55	-0.15	2.70
1,128	Gotisahi		4.19	1.70		2.49
1,129	Jhada Gadia		5.10	2.80		2.30
1,130	Jogibandh	2.31	2.75	1.20	1.11	1.55
1,131	Kalyanpur			1.45		
1,132	Kana Singhi	2.15	2.83	1.01	1.14	1.82
1,133	Kandapara	2.60	2.83	2.23	0.37	0.60
1,134	Kantilo	1.60	0.91	0.16	1.44	0.75
1,135	Kholisara		3.70	2.90		0.80
1,136	Kishore Prasad			2.47		
1,137	Koilama		7.50	1.32		6.18
1,138	Kuaria			0.90		
1,139	Kuluru Kumpa	0.93	2.30	0.95	-0.02	1.35
1,140	Kumbharpara	2.35	5.50	1.90	0.45	3.60
1,141	Mahipur	2.07	4.12	2.37	-0.30	1.75
1,142	Nayagarh	1.63	2.15	0.20	1.43	1.95
1,143	Nuabausabati	2.51	3.37	2.55	-0.04	0.82
1,144	Nuagaon I	2.93	4.07	3.55	-0.62	0.52
1,145	Odagaon	2.95	3.83	3.33	-0.38	0.50
1,146	Purusottampur	1.02	3.27	1.27	-0.25	2.00
1,147	Rangamatia		5.18	3.38		1.80
1,148	Ranpur I		4.49	3.29		1.20
1,149	Sapada	1.85	4.51	1.76	0.09	2.75
1,150	Sarak Sahi			2.10		
1,151	Sarankul	2.76	3.20	1.95	0.81	1.25
1,152	Solopata	4.27	4.82	1.12	3.15	3.70
1,153	Subalaya	1.28	6.06	0.87	0.41	5.19
1,154	Takara	2.64	6.22	3.62	-0.98	2.60

District : NUAPADA

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,155	Bargaon-k	2.85	5.42	3.02	-0.17	2.40
1,156	Boden	1.10	3.70	1.55	-0.45	2.15
1,157	Burkhiakomna	2.40				
1,158	Darlimunda		3.92	1.55		2.37
1,159	Deobahal		2.03	1.65		0.38
1,160	Godphula	2.28	5.56	3.45	-1.17	2.11
1,161	Junani	4.40	4.20	2.80	1.60	1.40
1,162	Khariar	4.21	6.69	3.92	0.29	2.77
1,163	Khudpej	3.15	5.40	3.60	-0.45	1.80
1,164	Komnal	4.71	5.55	3.75	0.96	1.80
1,165	Lachhipur	0.95	3.00	0.82	0.13	2.18
1,166	Loharapalli	3.30	4.10	1.80	1.50	2.30
1,167	Nawapara	2.80		5.40	-2.60	
1,168	Nilji	5.20	7.25	5.25	-0.05	2.00
1,169	Padampur			1.80		
1,170	Ranipur	2.95	3.90	2.85	0.10	1.05
1,171	Sahipala		2.51	2.20		0.31
1,172	Saipala	4.60	6.32	5.40	-0.80	0.92
1,173	Sanmaheswar	2.45	4.75	3.05	-0.60	1.70
1,174	Sirthol			3.25		
1,175	Somarsingh		6.65	2.19		4.46
1,176	Tarbod	2.60	4.57	2.11	0.49	2.46
1,177	Tukla	0.50	1.00	1.50	-1.00	-0.50

District : PURI

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,178	Algum	0.85	3.10	1.60	-0.75	1.50
1,179	Alipada	0.70	3.25	1.70	-1.00	1.55
1,180	Astarang	1.32	3.50	1.85	-0.53	1.65
1,181	Balanga	0.70	4.35	1.55	-0.85	2.80
1,182	Baleshwarpatna	0.55	2.10	0.95	-0.40	1.15
1,183	Balighai		2.45	1.10		1.35
1,184	Baliguari	0.40	1.85	0.80	-0.40	1.05
1,185	Bantalsingh	0.80	3.20	1.90	-1.10	1.30
1,186	Batagaon	0.83	4.15	2.30	-1.47	1.85
1,187	Beraboi	0.50	3.60	1.60	-1.10	2.00
1,188	Bhanti	1.55	3.80	2.00	-0.45	1.80
1,189	Biragobind		3.00	1.75		1.25
1,190	Birapratappur	1.00	4.15	2.35	-1.35	1.80
1,191	Brahmagiri	0.85	2.80	1.30	-0.45	1.50
1,192	Budhiabar	1.00	2.50	1.35	-0.35	1.15
1,193	Burhapara	0.35	2.00	1.05	-0.70	0.95
1,194	Chandanpur	1.38	5.40	3.00	-1.62	2.40
1,195	Charichhak	1.65	5.00	2.40	-0.75	2.60
1,196	Chhanijanga		5.15	3.00		2.15
1,197	Dandamukundpur		3.40	2.15		1.25
1,198	Delang	0.45	2.00	1.25	-0.80	0.75
1,199	Dhaulti	5.20		5.60	-0.40	
1,200	Garapada	1.40	4.35	2.40	-1.00	1.95
1,201	Girala	0.75	3.15	1.60	-0.85	1.55
1,202	Gokhara	1.00	2.35	1.60	-0.60	0.75
1,203	Gop	2.82	6.05	4.05	-1.23	2.00
1,204	Gopinathpur I	0.95	3.20	1.65	-0.70	1.55
1,205	Juinti	1.50	4.25	2.90	-1.40	1.35
1,206	Kadua	1.00	3.60	2.00	-1.00	1.60
1,207	Kakatpur	1.65	3.60	1.70	-0.05	1.90
1,208	Konark I	1.15	3.55	2.15	-1.00	1.40
1,209	Kumareswar	0.73	3.30	0.90	-0.17	2.40
1,210	Madrang	0.92	3.55	1.20	-0.28	2.35
1,211	Mahapur	1.00		0.95	0.05	
1,212	Mangalpur	0.25	2.40	0.90	-0.65	1.50
1,213	Marad	1.02	3.20	1.60	-0.58	1.60
1,214	Maunimatha	0.35	2.15	1.30	-0.95	0.85
1,215	Moradpada	1.02	4.20	2.20	-1.18	2.00
1,216	Nimapara	2.15	4.35	3.30	-1.15	1.05
1,217	Nuasamsarpur	0.95	3.30	2.05	-1.10	1.25
1,218	P-01 Krupa Sindura Patna	1.85	3.29	2.82	-0.97	0.47
1,219	P-02 Matiapada	1.79	3.22	2.07	-0.28	1.15
1,220	P-03 Police Lane	2.00	1.65	0.71	1.29	0.94
1,221	P-04 Marine Parade Lane	1.95	3.57	2.54	-0.59	1.03
1,222	P-05 Kusuni Khuntia	1.22	2.65	1.82	-0.60	0.83

1,223	P-06 Chhapana Chhak	1.50	1.82	0.78	0.72	1.04
1,224	P-07 Gauda Bada Sahi			2.76		
1,225	P-09 VIP Colony	1.33	3.22	0.89	0.44	2.33
1,226	P-10 Rly Station Bazar	1.00	2.17	0.39	0.61	1.78
1,227	P-11 Sadar Block Colony	1.60	3.38	1.45	0.15	1.93
1,228	P-12 ITI Chhak	2.00	4.58	2.34	-0.34	2.24
1,229	P-13 Shree Vihar Mangal Pat	2.45	6.35	4.95	-2.50	1.40
1,230	P-14 C. T. Road	1.40				
1,231	P-15 Railway Station	1.00	2.29			
1,232	P-16 Narendra Kona	1.45	3.10	1.04	0.41	2.06
1,233	P-17 Masania Chhak	0.65	1.91			
1,234	P-18 Tota Sahi	1.42	3.42	1.91	-0.49	1.51
1,235	P-19 Kashi Jagannathpur	1.48	3.07	3.11	-1.63	-0.04
1,236	P-20 Bada Jaga	1.00	1.13			
1,237	P-21 Sriram Talkies Chhak	1.65		0.82	0.83	
1,238	P-22 Talabania	1.10	2.03	0.91	0.19	1.12
1,239	P-23 Hara Gouri Sahi	1.35	1.38	2.51	-1.16	-1.13
1,240	P-24 Balagandi	2.12	1.61	3.44	-1.32	-1.83
1,241	P-26 VIP Road	1.55				
1,242	P-27 Dutta Tota			2.20		
1,243	P-28 Gopal Ballava	1.05	6.32			
1,244	P-30 Jagannath Temple	3.70	11.09			
1,245	P-31 Sweta Ganga	2.35	4.46	2.45	-0.10	2.01
1,246	P-32 Gobardhan Matha	2.10	4.59	3.04	-0.94	1.55
1,247	P-33 Sorbodaya Nagar	1.10	1.44	1.49	-0.39	-0.05
1,248	P-34 Sidha Mahavir	0.99	2.97	1.47	-0.48	1.50
1,249	P-35 Indira Mark Colony	2.16	5.08	4.67	-2.51	0.41
1,250	P-36 Kumbharapada	1.95	2.94	2.31	-0.36	0.63
1,251	P-37 Jagannatha Ballava Math	1.80	1.91	0.67	1.13	1.24
1,252	P-38 Gosala	4.88	7.52	6.83	-1.95	0.69
1,253	P-39 Athara Nala	1.68	1.33	0.63	1.05	0.70
1,254	P-40 Nabakarabela Road	0.40				
1,255	P-41 Grand Road	1.33	2.40	3.51	-2.18	-1.11
1,256	P-42 Balighat			0.29		
1,257	P-43 Dola Mandap Sahi			5.36		
1,258	Pipli	1.38	4.05	2.30	-0.92	1.75
1,259	Pratapramchandr	1.00	3.40	1.90	-0.90	1.50
1,260	Puri town	1.05	2.60	1.85	-0.80	0.75
1,261	Ramchandi	3.00	6.30	5.00	-2.00	1.30
1,262	Rebana nuagaon	0.80	2.90	1.55	-0.75	1.35
1,263	Sadanandapur	0.40	1.95	1.45	-1.05	0.50
1,264	Sakhigopal		2.45	1.40		1.05
1,265	Satpada	1.85		2.60	-0.75	
1,266	Siula		3.35	2.00		1.35
1,267	Tikarpara 1	1.00	3.10	1.85	-0.85	1.25
1,268	Totasahi	0.90	3.25	1.95	-1.05	1.30
1,269	Tulasichoura-Malatipatapur	0.88	2.85	1.60	-0.72	1.25
1,270	Uansdiha	0.80	3.00	1.70	-0.90	1.30

District : RAYAGADA

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,271	Akhusingi	1.00	2.20	2.65	-1.65	-0.45
1,272	Ambadola	6.35	9.70	6.80	-0.45	2.90
1,273	Bangi Chowk		4.60	2.00		2.60
1,274	Dambasara	1.40	2.25	1.50	-0.10	0.75
1,275	Gorakhpur	4.05	4.25	4.05	0.00	0.20
1,276	Gumda	1.75	2.60	1.70	0.05	0.90
1,277	Gumma	1.70	2.15	1.75	-0.05	0.40
1,278	Gunupur1	1.05	4.25	1.20	-0.15	3.05
1,279	Kaliapada	3.20	3.70	3.20	0.00	0.50
1,280	Kashipur	9.40	12.20	9.30	0.10	2.90
1,281	Kenduguda	2.70	3.95	1.30	1.40	2.65
1,282	Kodapadu		6.30	5.20		1.10
1,283	Mukundpur	2.10	6.20	2.75	-0.65	3.45
1,284	Narainpur	0.95	4.20	1.25	-0.30	2.95
1,285	Nua Dakasikula		2.70	0.80		1.90
1,286	Padampur2	1.50	2.15			
1,287	Ramnaguda1	0.25	3.65			
1,288	Ramnaguda2			1.55		
1,289	Shirikona	4.65	6.70	4.70	-0.05	2.00
1,290	Tandikana		3.20	1.30		1.90
1,291	Therabali	5.10	8.60	4.60	0.50	4.00

District : SAMBALPUR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,292	Amlipani	3.85	9.35	4.75	-0.90	4.60
1,293	Badarama	3.25	6.45	3.85	-0.60	2.60
1,294	Badsahir	2.25	6.65	3.90	-1.65	2.75
1,295	Bamra		7.15	3.75		3.40
1,296	Baragaon	0.50	5.25	0.66	-0.16	4.59
1,297	Batemura	2.71	5.97	3.38	-0.67	2.59
1,298	Bhabanipali	2.15	6.85	3.20	-1.05	3.65
1,299	Bhaluchuan	1.25	4.15	2.25	-1.00	1.90
1,300	Bhojpur	1.85		2.30	-0.45	
1,301	Bohidar	5.10		2.85	2.25	
1,302	Boxma	1.20	4.25	2.20	-1.00	2.05
1,303	Chandrapura		10.90	8.80		2.10
1,304	Charmal	3.75	9.15	6.10	-2.35	3.05
1,305	Chhachanpali		4.89	0.98		3.91
1,306	Chiplima	0.48	0.51	0.68	-0.20	-0.17
1,307	Christianpara	0.81	0.88	0.78	0.03	0.10
1,308	Daincha	1.45	5.45	3.30	-1.85	2.15
1,309	Deogaon	2.10	2.46	2.28	-0.18	0.18
1,310	Dhama	2.58	7.03	3.62	-1.04	3.41
1,311	Dhanupalli	0.65	2.37	0.88	-0.23	1.49
1,312	Donaipalli		1.00	0.85		0.15
1,313	Gainpura		4.90	2.55		2.35
1,314	Gargarbahal		5.75	1.25		4.50
1,315	Golgunda	0.81	5.45	1.55	-0.74	3.90
1,316	Gorupali	2.60	5.15	2.85	-0.25	2.30
1,317	Gosala	1.33	2.77	2.20	-0.87	0.57
1,318	Goudpalli	2.69	5.62	5.05	-2.36	0.57
1,319	Gunderpur	1.70	3.07	3.72	-2.02	-0.65
1,320	Hathibari	1.75	5.70	2.85	-1.10	2.85
1,321	Hirakud	1.24	3.50	1.72	-0.48	1.78
1,322	Jamadarpali	1.28	6.24	3.75	-2.47	2.49
1,323	Jamankira 1		3.85	1.80		2.05
1,324	Jayantpur	0.90	1.75	1.15	-0.25	0.60
1,325	Jugipali	1.20	5.68	2.95	-1.75	2.73
1,326	Jujhumura	5.30	8.35	5.25	0.05	3.10
1,327	Kadalipali		4.40	3.05		1.35
1,328	Kansabahal Sahi			1.85		
1,329	Katar Kela			2.85		
1,330	Kesaibahal	2.55	6.15	3.10	-0.55	3.05
1,331	Khunti		6.28	2.02		4.26
1,332	Koakud		4.75	3.35		1.40
1,333	Kuchinda	3.10	5.75			
1,334	Kusumi	1.25	3.45	1.90	-0.65	1.55
1,335	Larasara	3.32	7.95	3.95	-0.63	4.00
1,336	Loiraguna		4.40	1.85		2.55

1,337	Luhapank			4.60		
1,338	Mahaling Kudor	6.35	6.85	5.05	1.30	1.80
1,339	Majhipal		3.15	2.75		0.40
1,340	Malgun	0.55	0.70	0.65	-0.10	0.05
1,341	Maltisubanpur	2.11	2.38	2.17	-0.06	0.21
1,342	Maneswar	1.65	5.20	2.60	-0.95	2.60
1,343	Mochibahal	2.45	6.25	3.45	-1.00	2.80
1,344	Mundher	2.80	6.65	3.75	-0.95	2.90
1,345	Nagodihi Chawk			1.65		
1,346	Naktideol	2.60	7.35	5.15	-2.55	2.20
1,347	Nildungri	2.15	4.55	3.20	-1.05	1.35
1,348	Padiabahal			3.25		
1,349	Parmanpur	0.85	2.15	2.95	-2.10	-0.80
1,350	Paruabhari		6.65	3.65		3.00
1,351	Phasimal	1.65	6.45	3.55	-1.90	2.90
1,352	Pitapali		2.12	2.02		0.10
1,353	Rairakhol(rampu	2.85	7.15	4.45	-1.60	2.70
1,354	Remerha	1.57	1.72	1.78	-0.21	-0.06
1,355	Rengali	1.35	5.95	2.85	-1.50	3.10
1,356	Rupapali	3.98	6.14	4.12	-0.14	2.02
1,357	Sahaspur	1.18	4.40	1.91	-0.73	2.49
1,358	SasonI	0.90	1.10	1.05	-0.15	0.05
1,359	Simlipal Chawk	1.65	4.45	3.35	-1.70	1.10
1,360	Subarna Pali	1.45	5.30	4.70	-3.25	0.60
1,361	Talpali			0.55		
1,362	Telitilamal	1.55	5.05	3.05	-1.50	2.00
1,363	Terebera		5.55	3.55		2.00

District : SONAPUR

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,364	Ankhidadar	2.05	6.55	3.05	-1.00	3.50
1,365	Antarda	1.27	1.93	1.66	-0.39	0.27
1,366	Arjunpur	2.85	6.25	4.11	-1.26	2.14
1,367	Bagdiha	1.05	3.02	1.75	-0.70	1.27
1,368	Bagduli	2.39	4.87	2.83	-0.44	2.04
1,369	Baghia			3.65		
1,370	Bairasar	5.60				
1,371	Baladi		5.59	2.80		2.79
1,372	Barkarle	0.88	1.00	1.05	-0.17	-0.05
1,373	Bhimitikra	0.91	0.99	1.11	-0.20	-0.12
1,374	Binika	1.53	3.97	1.90	-0.37	2.07
1,375	Biramaharajpur	1.62	7.80	2.93	-1.31	4.87
1,376	Bishalpali		4.01	2.55		1.46
1,377	Borumunda		5.94	3.51		2.43
1,378	Chandajhuri	2.98		4.02	-1.04	
1,379	Charuapali	0.14	0.95	0.45	-0.31	0.50
1,380	Danipali	1.42	1.84	1.47	-0.05	0.37
1,381	Dhurakhaman			1.41		
1,382	Dunguripalli 1		2.32	2.00		0.32
1,383	Gajabandhu	1.03	1.01	1.16	-0.13	-0.15
1,384	Gambharipalli		0.45	1.60		-1.15
1,385	Ichhapur 1			1.00		
1,386	Jhamchhapar	1.66	4.80	2.33	-0.67	2.47
1,387	Karlajuri	1.29	5.48	1.84	-0.55	3.64
1,388	Khaliapali		7.93	3.65		4.28
1,389	Khari	1.02	4.12	1.80	-0.78	2.32
1,390	Koiramunda	3.20	5.99	4.59	-1.39	1.40
1,391	Mahada	1.05	5.95	1.43	-0.38	4.52
1,392	Mahadevpali	1.02	5.26	1.06	-0.04	4.20
1,393	Metakani	1.22	5.54	2.11	-0.89	3.43
1,394	Palsapadar	1.35	3.85	1.65	-0.30	2.20
1,395	Phulmuthi	2.04	4.05	2.80	-0.76	1.25
1,396	Rampur	1.40	4.65	4.31	-2.91	0.34
1,397	S Patrapali	2.35	6.11	4.18	-1.83	1.93
1,398	Samalaichuan	1.60	2.26	2.45	-0.85	-0.19
1,399	Sankara	0.74				
1,400	Sankara 1		1.14	1.20		-0.06
1,401	Sansamura	1.17	4.07	1.33	-0.16	2.74
1,402	Sarangapali			1.35		
1,403	Sarasmal	1.10	3.15	1.71	-0.61	1.44
1,404	Sargaj	1.76				
1,405	Sargaj 1			4.55		
1,406	Sindol	1.07	2.63	1.25	-0.18	1.38
1,407	Singhijuba	1.32	0.93	1.45	-0.13	-0.52
1,408	Sonepur	2.13	6.37	3.50	-1.37	2.87
1,409	Subalaya	3.97	7.10	4.66	-0.69	2.44
1,410	Ulunda	0.86	5.41	1.58	-0.72	3.83

District : SUNDARGARH

Sl No.	Location	Water Level			Water Level Fluctuation in 2014/Nov with Respect to	
		2013/Nov (mbgl)	2014/Apr (mbgl)	2014/Nov (mbgl)	2013/Nov (mbgl)	2014/Apr (mbgl)
1,411	Alikera	6.95	9.95	8.85	-1.90	1.10
1,412	Balijori	2.60	4.15	3.15	-0.55	1.00
1,413	Banki	5.15	9.45	6.45	-1.30	3.00
1,414	Bargaon		4.40	1.85		2.55
1,415	Barogar	2.45	5.95	3.90	-1.45	2.05
1,416	Bhasma		4.65	2.95		1.70
1,417	Bhedabahal	2.05	3.25	2.45	-0.40	0.80
1,418	Birangatoli			3.85		
1,419	Birmitrapur	1.40	2.55	1.70	-0.30	0.85
1,420	Bondamunda	0.40	3.15	0.85	-0.45	2.30
1,421	Chandiposh	0.75	4.55	1.45	-0.70	3.10
1,422	Darjin	4.35	7.25	5.05	-0.70	2.20
1,423	Deokaranpur	1.85	5.15	2.05	-0.20	3.10
1,424	Deolipali	4.45	9.15	5.85	-1.40	3.30
1,425	Ekma	1.85	5.65	2.75	-0.90	2.90
1,426	Himgiri	5.70	12.35	7.35	-1.65	5.00
1,427	Jagimal	1.40	4.15	2.65	-1.25	1.50
1,428	Jharbera	2.90	7.65	4.05	-1.15	3.60
1,429	Karamdihi	2.00	6.55	3.30	-1.30	3.25
1,430	Kinjrikela	2.75	5.15	3.65	-0.90	1.50
1,431	Kuarmunda	1.90	5.85	2.75	-0.85	3.10
1,432	Kutra	1.95	5.20	4.25	-2.30	0.95
1,433	Lahunipara	0.70		1.65	-0.95	
1,434	Laing	3.45	5.90	4.45	-1.00	1.45
1,435	Laxmipos	5.85	10.35	8.65	-2.80	1.70
1,436	Ledhimang	2.65	6.25	4.15	-1.50	2.10
1,437	Lefripada	5.35	10.45			
1,438	Lokedega	2.55	6.15	3.75	-1.20	2.40
1,439	Mahulapali		2.95	1.65		1.30
1,440	Moshani Kani	1.65	4.05			
1,441	Panchomahala 1		3.15	2.95		0.20
1,442	Panderpali	5.15	8.25	5.45	-0.30	2.80
1,443	Putudihi	2.30	5.40	4.90	-2.60	0.50
1,444	R-01 Jalda C-Block	0.90	3.10	1.35	-0.45	1.75
1,445	R-02 Jalda Rangila Chhak	1.65	2.25	1.75	-0.10	0.50
1,446	R-03 Panposh Rukutola Chha	0.45	0.70	0.65	-0.20	0.05
1,447	R-04 Civil Township	0.75	2.85	1.45	-0.70	1.40
1,448	R-05 Panposh	2.35	3.35	2.85	-0.50	0.50
1,449	R-06 Basanti Colony	1.80	2.55	1.65	0.15	0.90
1,450	R-07 Udit Nagar-1	0.55	0.90	0.55	0.00	0.35
1,451	R-08 Udit Nagar-2	2.95	4.05	3.20	-0.25	0.85
1,452	R-09 Power House Road	2.85	4.25	4.55	-1.70	-0.30
1,453	R-10 Raghunathpalli	1.85		2.65	-0.80	
1,454	R-11 Hanuman Batika	1.68	2.05	2.05	-0.37	0.00
1,455	R-12 Gangadharpally	3.65	6.20	4.35	-0.70	1.85

1,456	R-13 Chhend	2.15	3.65	2.85	-0.70	0.80
1,457	R-14 Banposh (Urban)	2.90	8.55	4.55	-1.65	4.00
1,458	R-15 Bandamunda	3.25	7.45	4.45	-1.20	3.00
1,459	R-16 Champanagar	0.95	2.45	1.55	-0.60	0.90
1,460	R-17 Jhumpudibasti(Nuabazar	1.75	2.15	1.45	0.30	0.70
1,461	R-18 Koel Nagar	1.65	1.85	1.65	0.00	0.20
1,462	R-19 Jagada	3.80	8.55	6.55	-2.75	2.00
1,463	R-20 Jhirpani	6.15	10.35	8.15	-2.00	2.20
1,464	R-21 Sector-1	4.15	8.75	6.85	-2.70	1.90
1,465	R-22 Sector-2	3.10	2.45	2.55	0.55	-0.10
1,466	R-23 Sector-3	4.70	5.35	4.85	-0.15	0.50
1,467	R-24 Sector-5	2.85	3.25	2.75	0.10	0.50
1,468	R-25 Ambagaon	1.25	2.30	1.35	-0.10	0.95
1,469	R-26 Sector-6	3.55	4.15	4.05	-0.50	0.10
1,470	R-27 Sector-7	1.35	1.70	1.55	-0.20	0.15
1,471	R-28 Sector-8	2.25	2.90	2.60	-0.35	0.30
1,472	R-29 Sector-9	2.75	1.45	3.30	-0.55	-1.85
1,473	R-30 Sector-13	2.05	3.75	2.70	-0.65	1.05
1,474	R-31 Sector-14	5.15	6.65	5.55	-0.40	1.10
1,475	R-32 Sector-20	4.35	4.75	4.45	-0.10	0.30
1,476	R-33 Sector 18	5.20	5.70	5.45	-0.25	0.25
1,477	R-34 Sector-17	1.80	2.05	1.90	-0.10	0.15
1,478	R-35 Sector-16	3.75	10.85	5.85	-2.10	5.00
1,479	R-36 Sector-15	2.35	2.65	2.35	0.00	0.30
1,480	R-37 Vedvyas	1.45	5.65	2.85	-1.40	2.80
1,481	R-38 Kalunga	3.55	8.35	5.75	-2.20	2.60
1,482	Rajgangpur	3.75	6.35	3.70	0.05	2.65
1,483	Rangiamunda	1.55	7.10	4.55	-3.00	2.55
1,484	Sabdega	1.25	4.05	1.95	-0.70	2.10
1,485	Sahajbahal	1.30	4.45	2.35	-1.05	2.10
1,486	Sargipali		4.25	1.85		2.40
1,487	Sundargar Bypass Chawk	3.85	8.20	5.35	-1.50	2.85
1,488	Sundargarh	2.10	2.45	2.15	-0.05	0.30
1,489	Surguda		11.35	9.65		1.70
1,490	Talsara	1.35	3.55			
1,491	Uditnagar(rkl)	0.55	0.90	0.55	0.00	0.35
1,492	Ujalpur	3.45	6.80	3.46	-0.01	3.34
1,493	Vedavyas Chak	1.25	7.15	2.00	-0.75	5.15