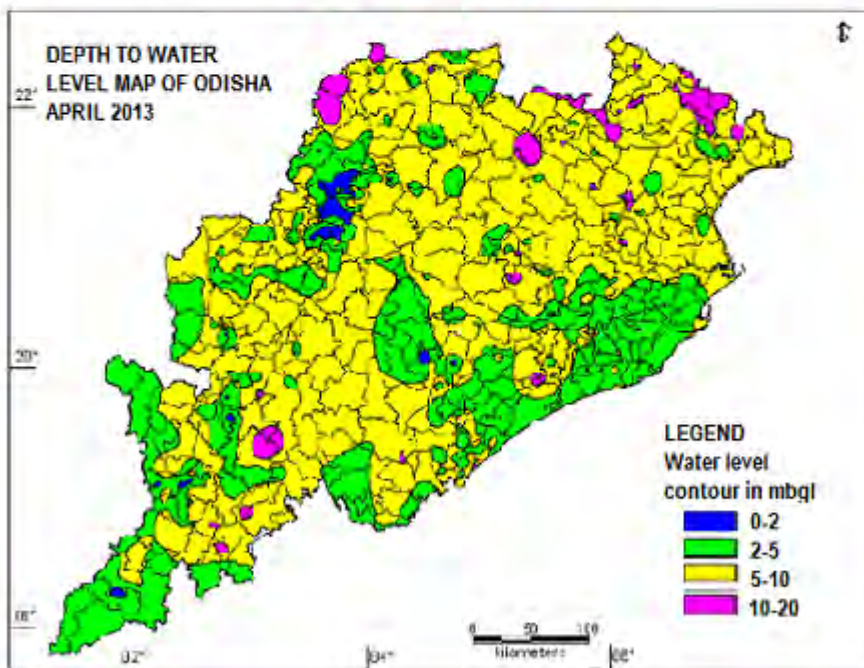


Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
2013-2014

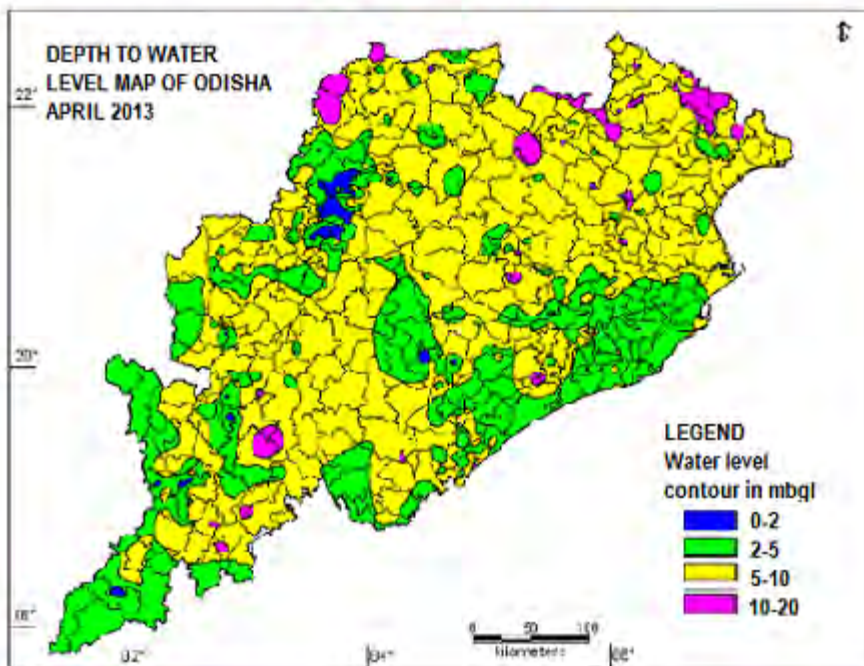


South Eastern Region
Bhubaneswar
September-2014

Government of India
CENTRAL GROUND WATER BOARD
Ministry of Water Resources



GROUND WATER YEAR BOOK
2013-2014



South Eastern Region
Bhubaneswar
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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 1323 National Hydrograph Network Stations (NHNS) (open / dug wells) and 137 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 2013 (April) - 2014 (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. During 1997 there were excess rainfall than the normal and negative departure is only seen at Bolangir, Gopalpur, Jharsuguda. From the departure data it is discerned that out of twenty six years (1981-2006), the years 1987, 1996, 2002, 2005 show negative departures in the annual rainfall for most of the districts. 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 1323 Hydrograph Network Stations have so far been established and are being monitored in the state. Besides this 137 piezometers have been constructed under World Bank aided Hydrology Project and are being monitored manually.

During April 2013, the water level (meter below ground level) in the state varies from minimum of 0.45 mbgl in Bargarh district to a maximum of 17.4 mbgl in Mayurbhanj district. The state recorded water level in 5-10 m range in almost all the districts. 2-5 m range was found in the coastal districts as well as in command areas of the state. Some wells in the hilly districts recorded water level in 10-20 m range.

During August 2013, the depth to water level in majority (52.1%) of NHS wells was level in the range of 0-2 m below ground level, 40.2% of wells in 2 –5 m below ground level, 7.6% of wells in 5-10 m below ground level and only 1% wells in the range of 10-20 m below ground level.

During November 2013, the depth to water level in majority (48%) of NHS wells was level in the range of 0-2 m below ground level and 46.2% of wells in 2-5 m below ground level. In general the water level in the state during November 2013 monitoring is found in the range of 2-5 m bgl, whereas 0-2 m bgl water level is found in the coastal and command areas in the state.

During January 2014, the depth to water level in majority (64.18%) of NHS wells was level in the range of 2-5 m below ground level and 15.04 % of wells in 5-10 m below

ground level. In general the water level in the state during January 2014 monitoring is found in the range of 2-5 m bgl, whereas 0-2 m bgl water level is found in the coastal and command areas in the state.

The comparison of April 2013 water level with that of the decadal mean of the corresponding period shows that 9.2%, 1.2% and 0.1% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 41.7%, 35.5% and 12.4% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2013 water level with that of the decadal mean of the corresponding period shows that 83.2%, 52.2% 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, 15.7%, 3.6% 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 2013 water level with that of the decadal mean of the corresponding period shows that 65.2%, 20.2% and 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, 11.9%, 0.6 % and 0.6% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2014 water level with that of the decadal mean of the corresponding period shows that 47.4 %, 3.7% and 0.3 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 45.7%, 2.7% and 0.2% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of April 2013 water level with that of the same period of the previous year shows that 36.1%, 5.4% and 1.7% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 48.8%, 4.2%, 2.4% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of August 2013 water level with that of the same period of the previous year shows 28.6%, 4.6%, 0.9% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 55.6%, 8.5% recorded fall in water level in the range of 0-2, 2-4 respectively and 0.9% recorded more than 4m.

The comparison of November 2013 water level with that of the same period of the previous year shows that 53.5%, 10.6%, 1.6% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 30.9%, 2.1%, 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

The comparison of January 2014 water level with that of the same period of the previous year shows that 59.9%, 10.7%, 3.2% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly, 23.4%, 1%, 0.3% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of August 2013 water level with that of April 2013 shows that 33.5%, 37.6%, 27.1 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 1.6% and 0% recorded fall in water level in the range of 0-2, 2-4 and more than 4m respectively.

A comparison of November 2013 water level with that of April 2013 shows that 26.3%, 42.1%, 28.1 % of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly only 3.2%, 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 January 2014 water level with that of April 2013 shows that 48%, 32%, 12.0% of the total NHS wells recorded rise in water level in the range of 0-2, 2-4 and more than 4m respectively. Similarly 6.9%, 0.8% and 0.1% 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 2013-2014

CONTENTS

<u>SL.NO.</u>	<u>ITEM</u>
	FOREWORD
	EXECUTIVE SUMMARY
1.0	INTRODUCTION
2.0	PHYSIOGRAPHIC FEATURES
3.0	DRAINAGE
4.0	CLIMATE AND RAINFALL
5.0	HYDROGEOLOGICAL CONDITION
5.1	Consolidated Formation
5.2	Semi Consolidated Formation
5.3	Unconsolidated Formation
6.0	GROUND WATER REGIME MONITORING
6.1	Distribution of National Hydrograph Network Stations
6.2	Analysis of Data
7.0	BEHAVIOUR OF WATER LEVEL DURING 2013-2014
7.1	Depth to Water Level
7.2	Water Level Fluctuation w.r.t Decade Mean
7.3	Water Level Fluctuation w.r.t corresponding period of pervious year.
7.4	Water Level Fluctuation w.r.t Pre-monsoon water level
8.0	HYDROCHEMISTRY

LIST OF TABLES

TABLE NO.	DETAILS
3.1	SALIENT FEATURES OF MAJOR RIVER BASINS
4.1	RAINFALL OF ORISSA
4.2	DROUGHT, FLOOD, CYCLONE YEARS IN ORISSA
6.1	DISTRICT-WISE DISTRIBUTION OF NHS
6.2	BASIN WISE DISTRIBUTION OF NHS
6.3	DISTRIBUTION OF NHS IN IRRIGATION COMMAND AREAS
7.1	ANALYSIS OF WATER LEVEL DATA OF APRIL –2013
7.2	ANALYSIS OF WATER LEVEL DATA OF AUGUST -2013
7.3	ANALYSIS OF WATER LEVEL DATA OF NOVEMBER-2013
7.4	ANALYSIS OF WATER LEVEL DATA OF JANUARY-2014
7.5	FLUCTUATION OF WATER LEVEL w.r.t DECADE MEAN – APRIL 2013
7.6	FLUCTUATION OF WATER LEVEL wrt DECADE MEAN –AUGUST 2013
7.7	FLUCTUATION OF WATER LEVEL w.r.t DECADE MEAN – NOVEMBER 2013
7.8	FLUCTUATION OF WATER LEVEL w.r.t. DECADE MEAN – JANUARY 2014
7.9	FLUCATUATION OF WATER LEVEL APRIL 2012 –APRIL 2013
7.10	FLUCTUATION OF WATER LEVEL AUGUST 2012 – AUGUST 2013
7.11	FLUCTUATION OF WATER LEVEL NOVEMBER 2012- NOVEMBER 2013
7.12	FLUCTUATION OF WATER LEVEL JANUARY 2013 – JANUARY 2014
7.13	FLUCATUATION OF WATER LEVEL APRIL 2013– AUGUST 2013
7.14	FLUCATUATION OF WATER LEVEL APRIL 2013– NOVEMBER 2013
7.15	FLUCATUATION OF WATER LEVEL APRIL 2013 – JANUARY 2014
8.1	LOCATION OF WELLS HAVING HIGH ELECTRICAL CONDUCTIVITY.
8.2	LOCATION OF WELLS HAVING HIGH CONCENTRATION OF HIGH CHLORIDE
8.3	LOCATION OF WELLS HAVING HIGH FLUORIDE

LIST OF PLATES

- 2.1 PHYSIOGRAPHY MAP OF ORISSA
- 4.1 ISOHYTAL MAP OF ORISSA
- 5.1 HYDROGEOLOGICAL MAP OF ORISSA
- 6.1 LOCATION MAP OF NATIONAL HYDROGRAPHS OF ORISSA
- 6.2 LOCATION MAP OF PIEZOMETERS CONSTRUCTED UNDER HYDROLOGY PROJECT
- 6.3 HYDROGRAPHS SHOWING RECHARGE AND DISCHARGE
- 7.1 DEPTH TO WATER LEVEL APRIL 2013
- 7.2 DEPTH TO WATER LEVEL AUGUST 2013
- 7.3 DEPTH TO WATER LEVEL NOVEMBER 2013
- 7.4 DEPTH TO WATER LEVEL JANUARY 2014
- 7.5 WATER LEVEL FLUCATUATION DECADE MEAN – APRIL 2013
- 7.6 WATER LEVEL FLUCATUATION DECADE MEAN – AUGUST 2013
- 7.7 WATER LEVEL FLUCATUATION OF DECADE MEAN – NOVEMBER 2013
- 7.8 WATER LEVEL FLUCTUATION OF DECADE MEAN – JANUARY 2014
- 7.9 WATER LEVEL FLUCTUATION APRIL 2012 – APRIL 2013
- 7.10 WATER LEVEL FLUCATUATION AUGUST 2012 – AUGUST 2013
- 7.11 WATER LEVEL FLUCATUATION NOVEMBER 2012– NOVEMBER 2013
- 7.12 WATER LEVEL FLUCTUATION JANUARY 2013 – JANUARY 2014
- 7.13 WATER LEVEL FLUCTUATION APRIL 2013– AUGUST 2013
- 7.14 WATER LEVEL FLUCTUATION APRIL 2013– NOVEMBER 2013
- 7.15 WATER LEVEL FLUCTUATION APRIL 2013– JANUARY 2014

ANNEXURES

1. GENERAL DETAILS OF NHS WELLS IN ORISSA
2. HYDROGEOLOGICAL DETAILS OF PIEZOMETERS CONSTRUCTED IN ORISSA UNDER HYDROLOGY PROJECT
3. DISTRICT-WISE DEPTH TO WATER LEVEL DATA OF NHS IN ORISSA (PRE-MONSOON AND POST MONSOON-2013)

GROUND WATER YEAR BOOK OF ORISSA

2013– 2014

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 419.47 lakhs, out of which the rural population is 349.51 lakhs and the urban population is 69.96 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 1460 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.

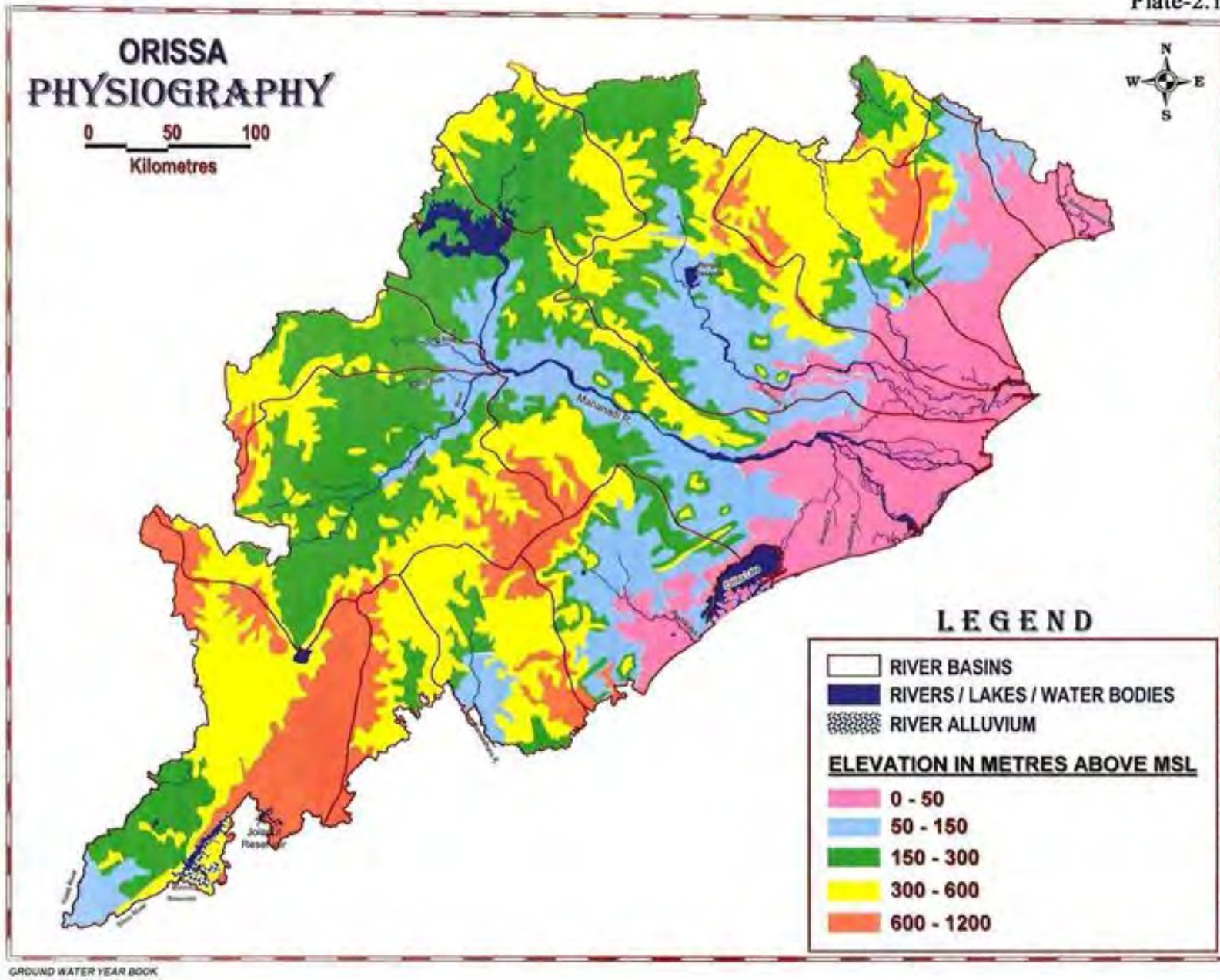
2.0 PHYSIOGRAPHIC FEATURES

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**.

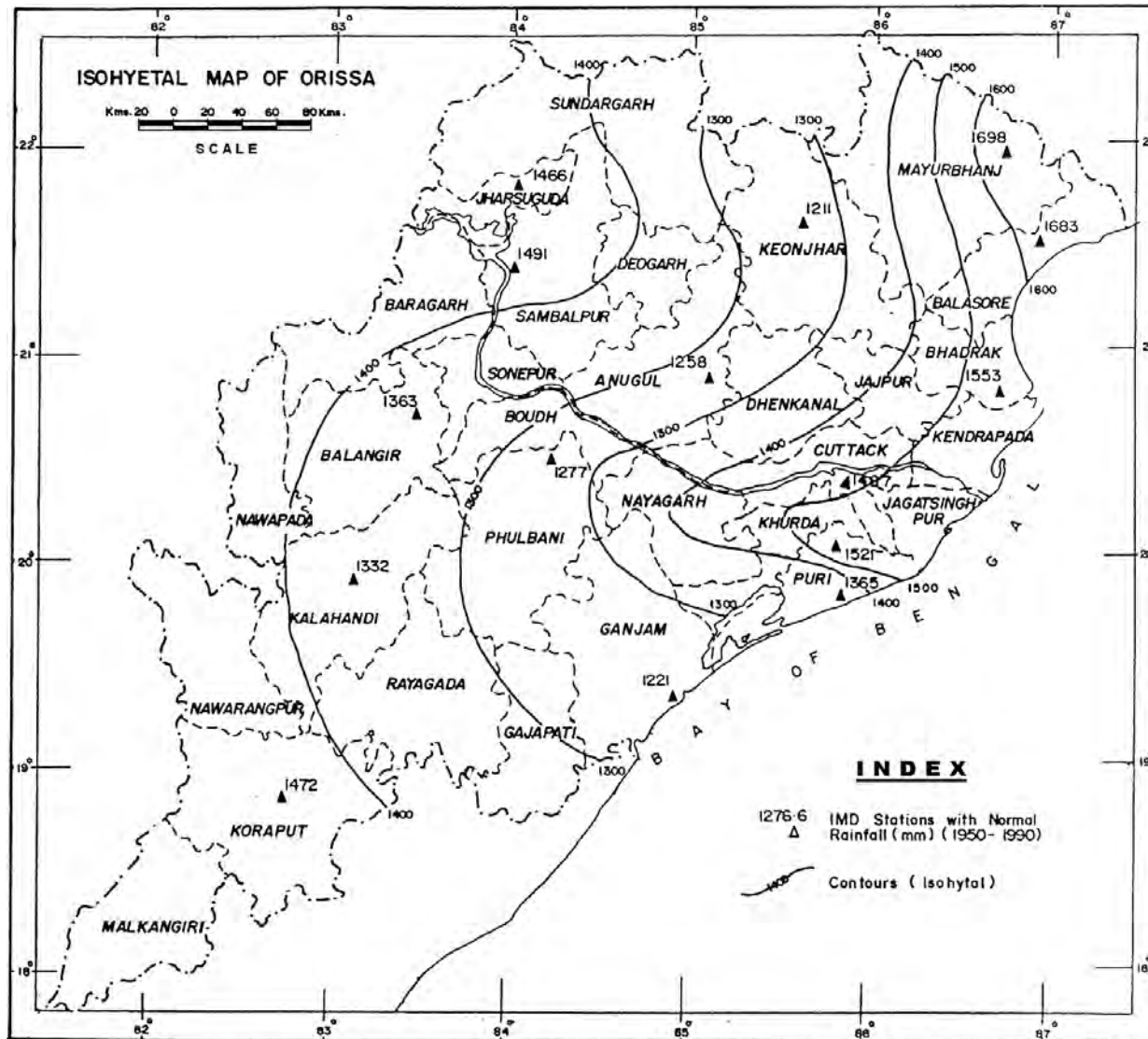
TABLE 3.1

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 9 YEARS (IMD DATA)

Table- 4.1

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

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	

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 1951-2000 (**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 (**2005-2013**) has been given in **table 4.1**. From the rainfall departure data, it can be observed that the year 1990 and 1995 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 2013**. A perusal of the table indicates that every alternate year, the state experiences a natural calamity in the way of drought or flood or cyclone. This has created a most unpredictable climate for any agricultural activity in the state.

4.1 TEMPERATURE

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

5.0 HYDROGEOLOGICAL CONDITION

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

Area with Precambrian Consolidated Formations –

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

Area with Semi-consolidated Gondwana & Tertiary Formations –

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

Area with Unconsolidated Quaternary Formations –

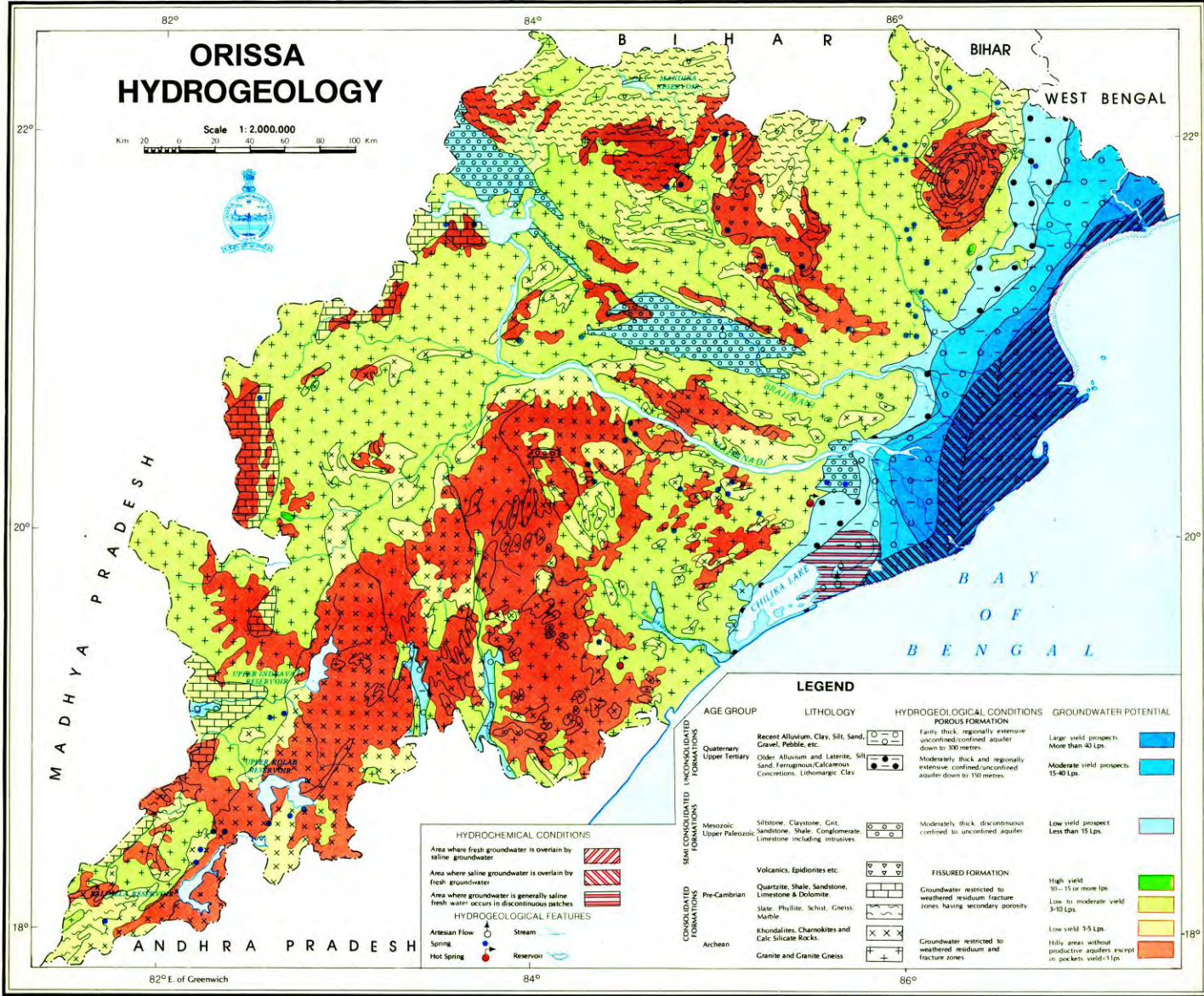
Coastal tracts of Puri, Khurda, Cuttack, Jagatsinghpur, Jajpur, Kendrapara, Balasore, Bhadrak, Ganjam districts and inland river valleys.

5.1 CONSOLIDATED FORMATIONS

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

5.2 SEMI CONSOLIDATED FORMATIONS

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



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

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

Responsibility for the correctness of internal details shown on the map rests with the publisher. © GOVERNMENT OF INDIA. COPYRIGHT, 1995.

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
2013-2014**

SI.NO	Districts	April – 2013	August - 2013	November - 2013	January – 2014
1	ANUGUL	48	49	49	50
2	BALANGIR	41	40	49	43
3	BALESHWAR	32	39	35	34
4	BARGARH	56	53	55	54
5	BAUDH	33	35	38	35
6	BHADRAK	22	22	20	21
7	CUTTACK	79	80	82	80
8	DEBAGARH	7	6	7	8
9	DHENKANAL	42	43	41	43
10	GAJAPATI	20	14	19	16
11	GANJAM	90	85	86	85
12	JAGATSINGHA	21	21	22	21
13	JAJAPUR	23	37	38	36
14	JHARSUGUDA	12	13	13	13
15	KALAHANDI	43	43	41	43
16	KENDRAPARA	19	18	19	19
17	KENDUJHAR	69	76	78	80
18	KHORDHA	72	73	77	73
19	KORAPUT	45	44	47	47
20	MALKANGIRI	14	15	16	16
21	MAYURBHANJ	69	74	76	76
22	NABARANGAPUR	18	20	21	21
23	NAYAGARH	25	25	24	26
24	NUAPADA	17	18	18	18
25	PURI	80	83	85	88
26	RAYAGADA	16	14	16	16
27	SAMBALPUR	48	50	52	53
28	SONAPUR	34	35	35	32
29	SUNDARGARH	74	76	76	76
30	TOTAL	1169	1201	1235	1223

6.1 DISTRIBUTION OF NATIONAL HYDROGRAPH STATIONS

A total number of 1460 Hydrograph Network Stations have so far been established and are being monitored in the state. Out of 1460 network hydrograph stations, open/dug wells are 1323 in numbers and 137 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

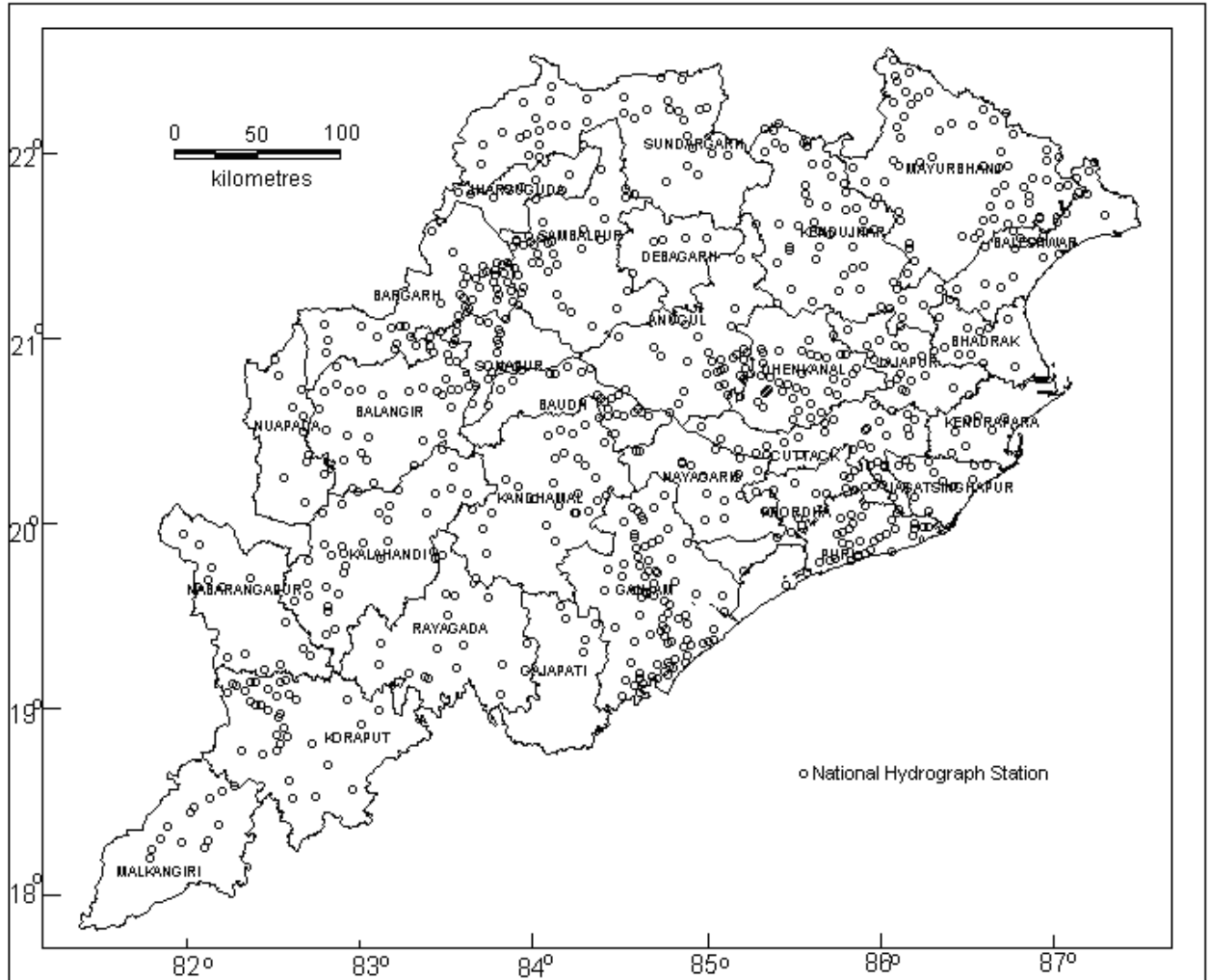
Table – 6.2

BASINWISE DISTRIBUTION OF NHS WELLS		
SL.NO	BASIN/SUB-BASIN	NO. OF NHS
1.	BAITARANI	106
2.	BRAHMANI	162
3.	BURHABALANG	76
4.	GODAVARI	107
5.	MAHANADI	729
6.	NAGAVALLI	32
7.	RUSHIKULYA	134
8.	SUBARNAREKHA	45
9.	VAMSADHARA	69
	TOTAL	1460

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



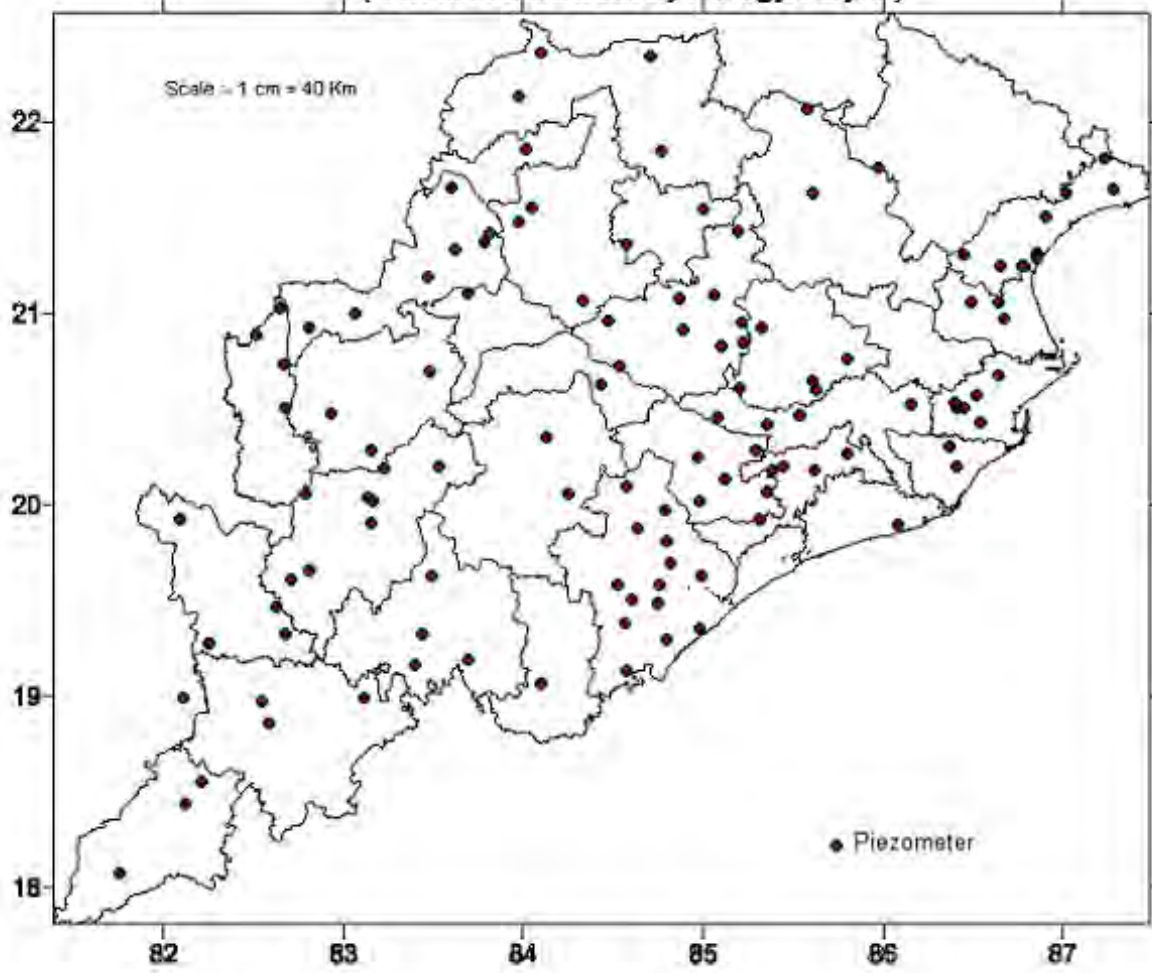
Water level data collected four times a year is subjected to analysis for inferring the change in water levels i.e. rise/ fall and trend in water levels with reference to time and space.

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	85
2	Delta Stage-I	Cuttack, Jagatsinghpur	3363	61
3	Delta Stage-II	Kendrapara, Puri, Khurda		55
4	Salki		108	11
5	Rushikulya System	Ganjam	612	36
6	Salandi	Bhadrak, Jajpur	457	7
7	Baitarani	Balasore	327	15
8	Potteru	Koraput	610	13
9	Upper Kolab	Koraput	445	22
10	Upper Indravati	Koraput	1090	21
11	Ong	Bolangir	247	12
12	Lower Suktel	Bolangir	375	11
13	Subarnarekha	Mayurbhanj	1007	23
14	Rengali	Dhenkanal, Keonjhar, Angul	2611	88

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 2013 - 2014

During 2013-2014 the existing 1460 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

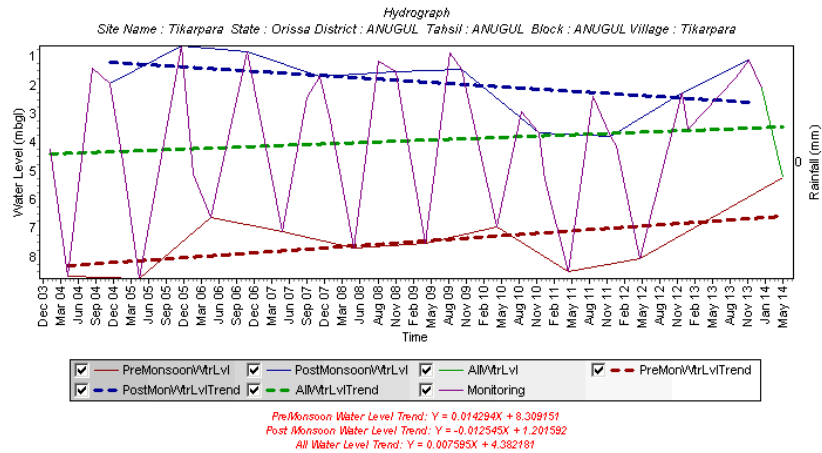
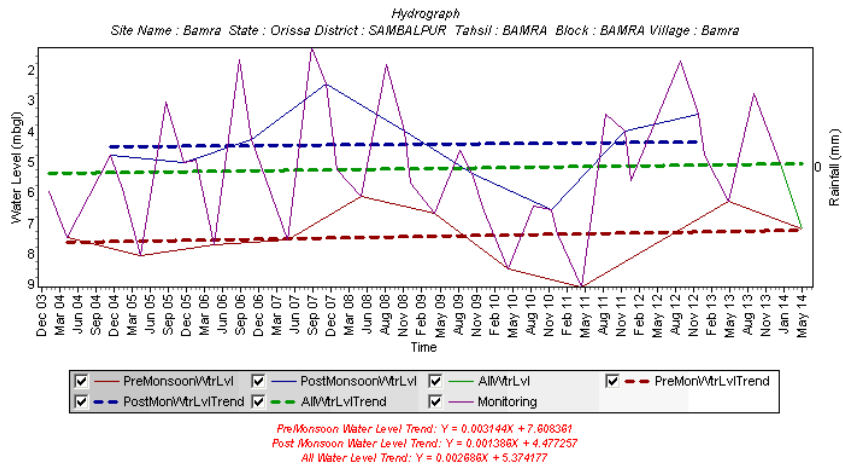
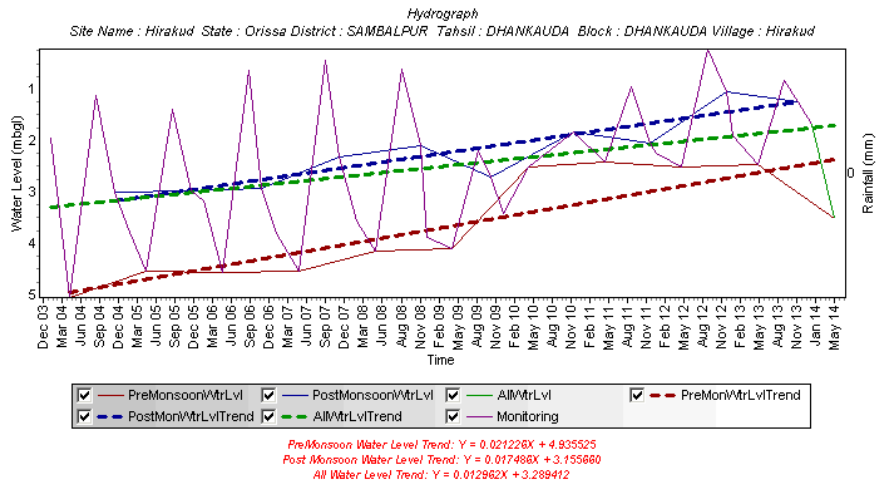
7.1.1 DEPTH TO WATER LEVEL OF APRIL 2013

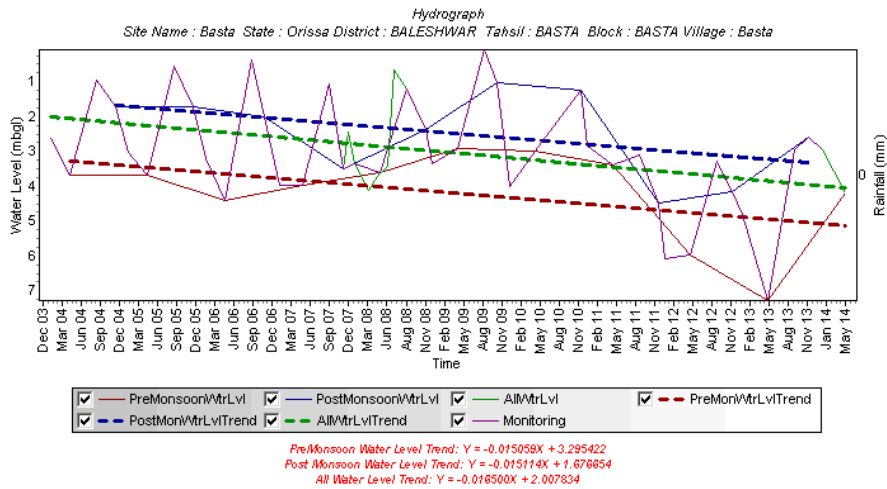
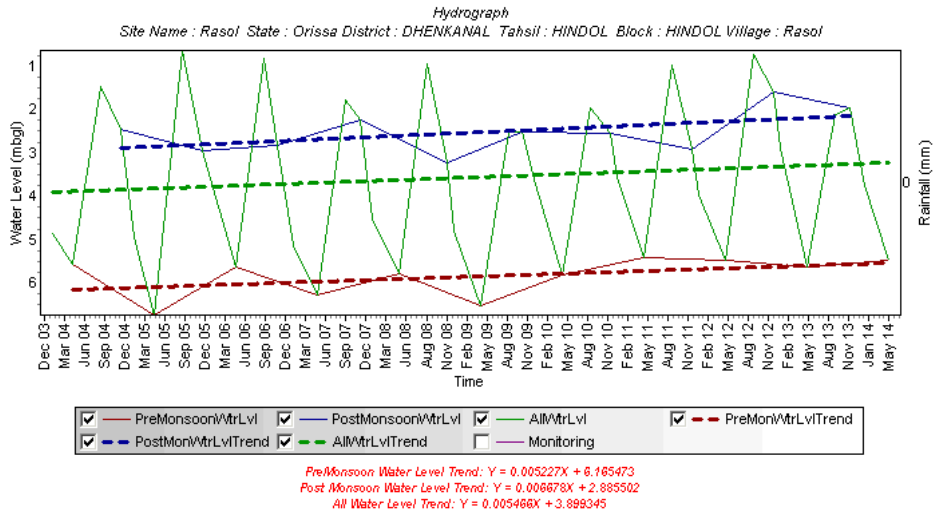
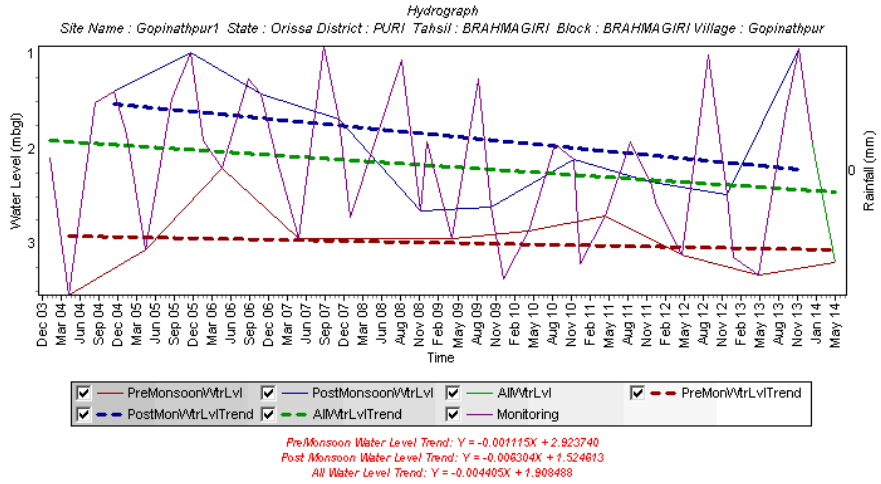
During April 2013, the water level (meter below ground level) in the state varies from minimum of 0.45 magl in Bargarh, Sambalpur, Sonapur district to a maximum of 13.6 mbgl in Anugul district and water levels mostly range from 2 to 10 mbgl. The depth to water level has been shown in **Plate-7.1** and district wise well frequency for different ranges of depth to water level are given in **Table- 7.1**.

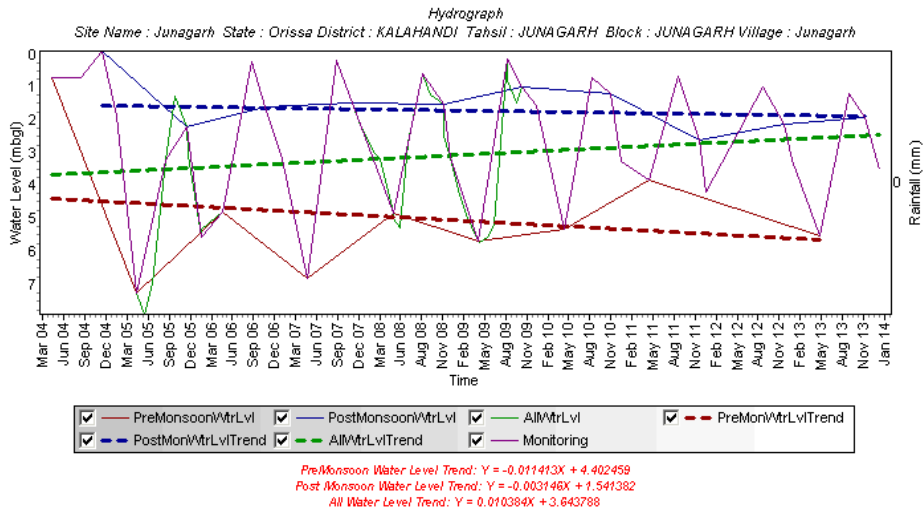
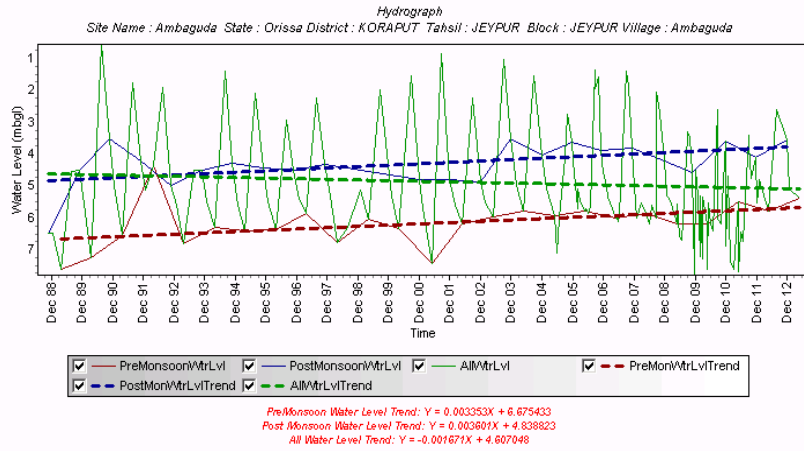
Water level between 0-2 m

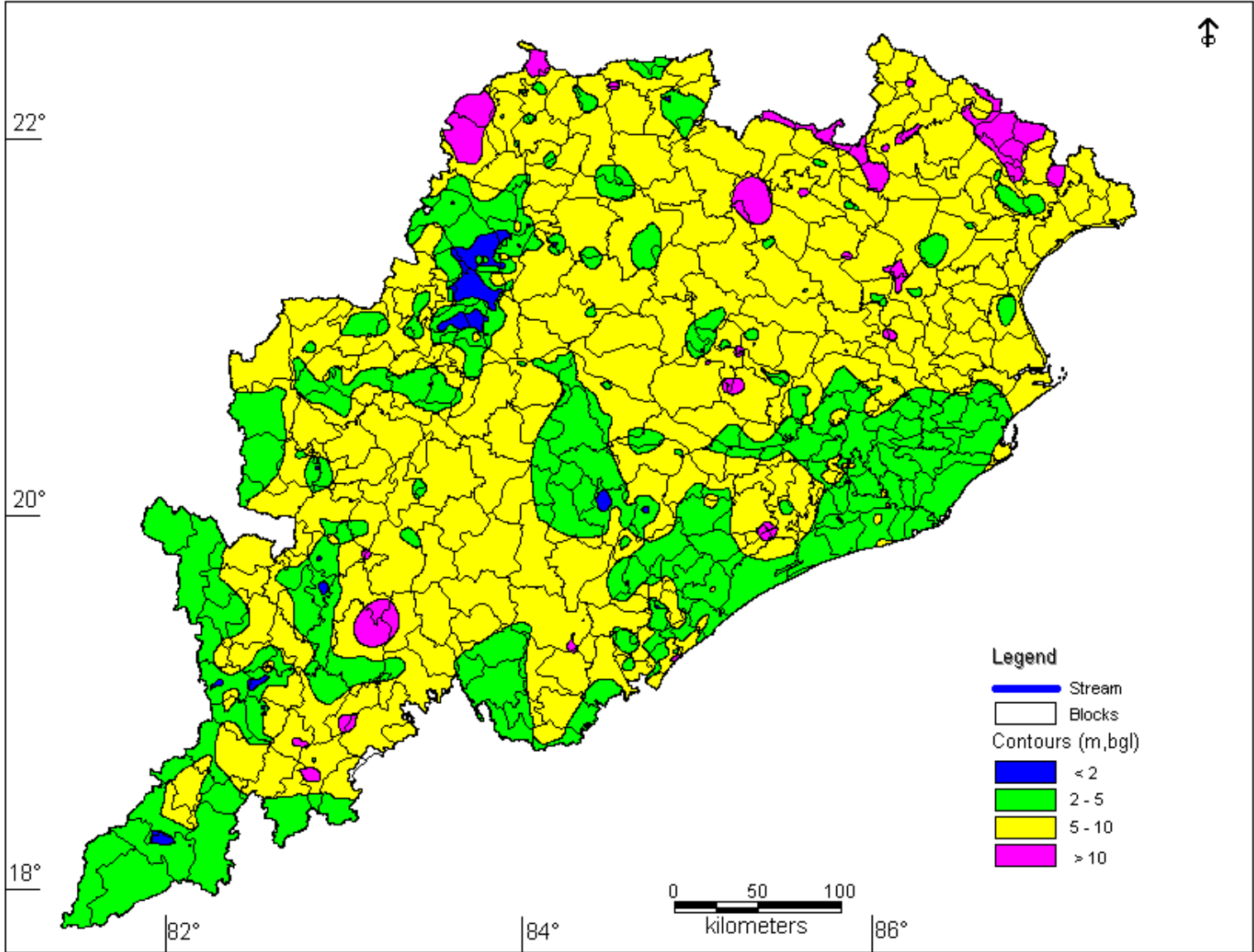
Only 6.75% of the NHS wells recorded water level in this range during April 2013. This range generally appears as small and isolated patches. Also this range is seen in isolated patches in Canal command areas of Bargarh, Sonapur, Nayagarh, Koraput, Kalahandi and Sambalpur districts with maximum 44% of wells in Bargarh district.

HYDROGRAPHS OF NATIONAL HYDROGRAPHS STATIONS









Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - APRIL 2013 *Table:- 7.1*

DISTRICT	Number of wells analysed	Depth to Water Table (m bgl)		Number / Percentage of Wells showing Depth to Water Table (m bgl) in the range of											
		Min	Max	< 2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
				No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	48	1.62	13.6	1	2.1	8	16.7	35	72.9	4	8.3	0		0	
BALANGIR	41	3.77	7.23	0		18	43.9	23	56.1	0		0		0	
BALESHWAR	32	5.31	9.13	0	0	0		32	100.	0		0		0	
BARGARH	56	0.45	9.70	25	44.	11	19.6	20	35.7	0		0		0	
BAUDH	33	4.04	7.95	0		13	39.4	20	60.6	0		0		0	
BHADRAK	22	4.31	8.73	0		1	4.5	21	95.5	0		0		0	
CUTTACK	79	2.10	9.14	0		69	87.3	10	12.7	0		0		0	
DEBAGARH	7	2.85	7.75	0		3	42.9	4	57.1	0		0		0	
DHENKANAL	42	1.79	10.6	1	2.4	9	21.4	29	69.0	3	7.1	0		0	
GAJAPATI	20	2.10	10.4	0		7	35.0	11	55.0	2	10.	0		0	
GANJAM	90	1.15	11.3	6	6.7	39	43.3	43	47.8	2	2.2	0		0	
JAGATSINGHA	21	2.10	6.00	0		20	95.2	1	4.8	0		0		0	
JAJAPUR	23	4.00	11.5	0		2	8.7	20	87.0	1	4.3	0		0	
JHARSUGUDA	12	2.40	6.85	0		5	41.7	7	58.3	0		0		0	
KALAHANDI	43	1.25	10.5	3	7.0	14	32.6	25	58.1	1	2.3	0		0	
KENDRAPARA	19	2.40	5.10	0		18	94.7	1	5.3	0		0		0	
KENDUJHAR	69	3.80	13.0	0		13	18.8	49	71.0	7	10.	0		0	
KHORDHA	72	0.60	12.0	8	11.	29	40.3	32	44.4	3	4.2	0		0	
KORAPUT	45	0.95	13.7	7	15.	13	28.9	21	46.7	4	8.9	0		0	
MALKANGIRI	14	1.00	7.90	1	7.1	9	64.3	4	28.6	0		0		0	
MAYURBHANJ	69	2.25	17.4	0		7	10.1	45	65.2	17	24.	0		0	
NABARANGAPUR	18	3.10	8.90	0		5	27.8	13	72.2	0		0		0	
NAYAGARH	25	1.82	9.90	1	4.0	13	52.0	11	44.0	0		0		0	
NUAPADA	17	1.70	9.22	1	5.9	5	29.4	11	64.7	0		0		0	
PURI	80	1.78	6.78	5	6.3	69	86.3	6	7.5	0		0		0	
RAYAGADA	16	2.05	12.2	0		11	68.8	4	25.0	1	6.3	0		0	
SAMBALPUR	48	0.45	9.75	6	12.	13	27.1	29	60.4	0		0		0	
SONAPUR	34	0.45	7.55	8	23.	14	41.2	12	35.3	0		0		0	
SUNDARGARH	74	0.70	12.5	6	8.1	32	43.2	30	40.5	6	8.1	0		0	
TOTAL	1169			79	6.8	470	40.2	569	48.7	51	4.4	0	0.0	0	0

Water level between 2-5 m

40.2% of the total NHS wells recorded water level in this range during April 2013. The coastal districts of the state has the maximum number of wells showing this range of water level i.e., Puri (86.25%), Cuttack (87.3%), Ganjam (43.3%) Kendrapara (94.7%), and Jagatsinghpur (95.2%). The major command areas of the state like Hirakud, Mahanadi, delta stage I & II, Baitarani, Salandi and Anandpur have shown water level in this range.

Water level between 5-10 m

48.67% 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 2013. 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 (100%), Bhadrak(95.5%), Boudh (60.6%), Jharsuguda (58.3%) and minimum in Jagatsingpur (4.8%) district. Partially all the district of Orissa show this category.

Water level between 10-20 m

4.3% of the wells of the state fall in this category. It is mostly in the hilly districts like Mayurbhanj (24%), Sundargarh (8.1%), Anugul (8.3%), Khorda(4.2%), Rayagada (6.3%), and Keonjhar (10%).

Water level more than 20m

No well have shown more than 20m of water level during April 2013.

In general, it can be said that during the month of April 2013, the state recorded water level in 5-10 m range in almost all the districts. 2-5 m range was found in the coastal districts as well as in command areas of the state. Some wells in the hilly districts recorded water level in 10-20 m range.

7.1.2 DEPTH TO WATER LEVEL OF AUGUST 2013

A perusal of data and maps pertaining to August 2013 shows that the depth to water level ranges from 0.01 to 11.7 mbgl and in majority (52%) of NHS wells level was in the range of 0-2 m below ground level and 40.2% of wells in 2-5 m below ground level. The district-wise depth to water level of August 2013 is shown in **Table 7.2** and the depth to water level map has been shown in **Plate-7.2**.

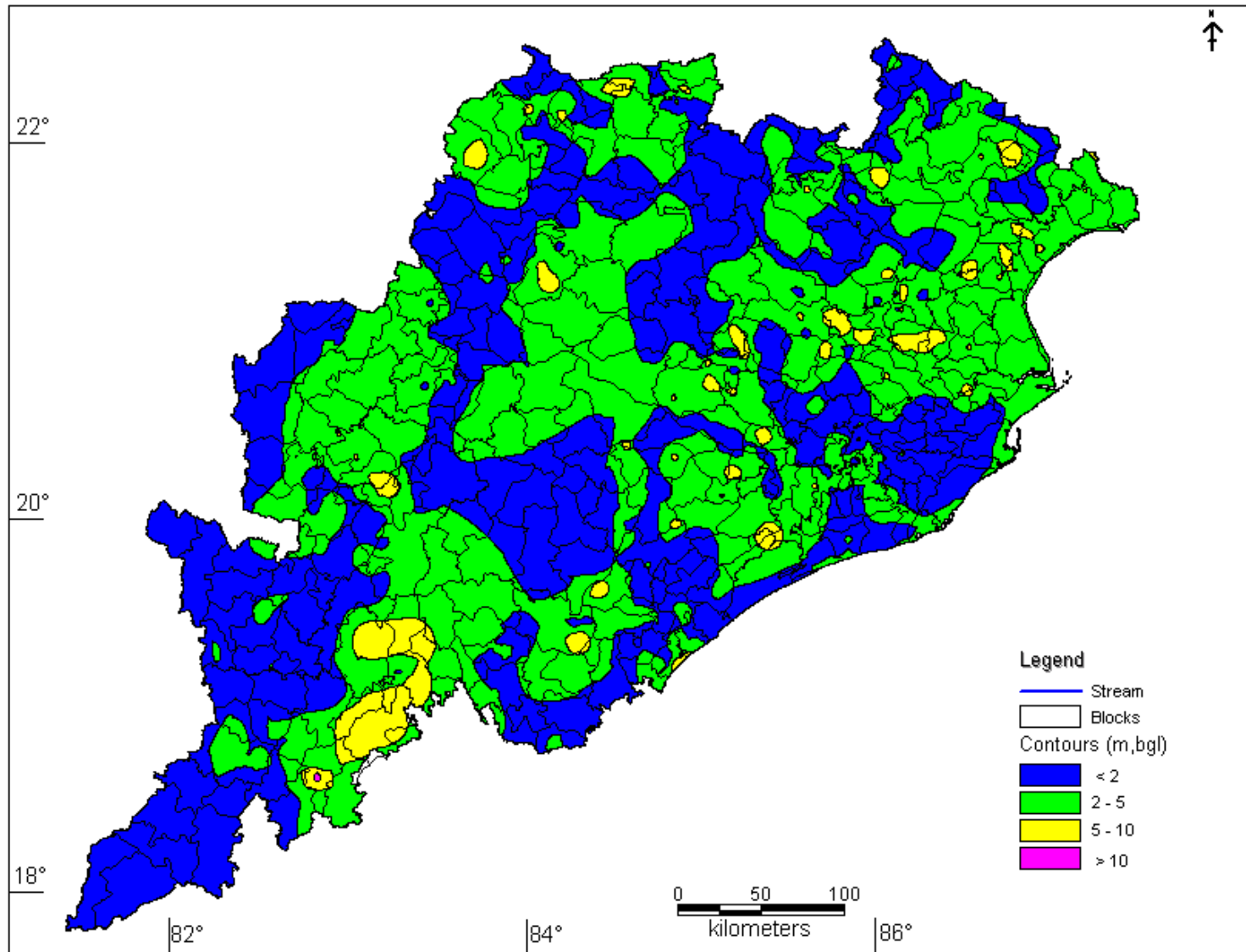


Table:- 7.2

Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - AUGUST 2013

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	49	0.01	9.76	22	44	19	38.8	8	16.3	0		0		0	
BALANGIR	40	1.13	5.26	7	17	31	77.5	2	5	0		0		0	
BALESHWAR	39	2.03	6.21	0		26	66.7	13	33.3	0		0		0	
BARGARH	53	-0.1	4.61	43	81	10	18.9	0		0		0		0	
BAUDH	35	1.22	4.44	4	11	31	88.6	0		0		0		0	
BHADRAK	22	2.03	5.81	0		17	77.3	5	22.7	0		0		0	
CUTTACK	80	0.14	8.55	58	72	21	26.3	1	1.3	0		0		0	
DEBAGARH	6	1.05	3.35	3	50	3	50	0		0		0		0	
DHENKANAL	43	0.27	6.55	22	51	18	41.9	3	7	0		0		0	
GAJAPATI	14	1.13	6.3	10	71	3	21.4	1	7.1	0		0		0	
GANJAM	85	0.15	7.95	57	67	24	28.2	4	4.7	0		0		0	
JAGATSINGHA	21	0.8	2.8	19	90	2	9.5	0		0		0		0	
JAJAPUR	37	2.41	7.2	0		25	67.6	12	32.4	0		0		0	
JHARSUGUDA	13	0.65	4.65	9	69	4	30.8	0		0		0		0	
KALAHANDI	43	0.2	7.5	29	67	11	25.6	3	7	0		0		0	
KENDRAPARA	18	0.85	2	18	100	0		0		0		0		0	
KENDUJHAR	76	0.7	8.8	42	55	30	39.5	4	5.3	0		0		0	
KHORDHA	73	0.12	7.7	26	35	38	52.1	9	12.3	0		0		0	
KORAPUT	44	0.38	11.7	27	61	12	27.3	4	9.1	1	2.3	0		0	
MALKANGIRI	15	0.64	1.65	15	100	0		0		0		0		0	
MAYURBHANJ	74	0.55	9.1	47	63	23	31.1	4	5.4	0		0		0	
NABARANGAPU	20	0.38	3.56	15	75	5	25	0		0		0		0	
NAYAGARH	25	0.6	6.16	5	20	17	68	3	12	0		0		0	
NUAPADA	18	0.82	5.19	7	38	9	50	2	11.1	0		0		0	
PURI	83	0.85	7.6	38	45	42	50.6	3	3.6	0		0		0	
RAYAGADA	14	0.9	8.15	4	28	7	50	3	21.4	0		0		0	
SAMBALPUR	50	0.35	6.25	29	58	19	38	2	4	0		0		0	
SONAPUR	35	0.07	4.93	30	85	5	14.3	0		0		0		0	
SUNDARGARH	76	0.35	8.75	40	52	31	40.8	5	6.6	0		0		0	
TOTAL	1201			626	52	483	40.2	91	7.6	1	0.1	0	0.0	0	0.0

Water level between 0-2 m

52% of the wells monitored in the state has water level in this range. The coastal districts like Jagatsinghpur (90%), Kendrapara (100%), Malkajiri (100%) and Sonapur (85%) 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

40.2 % of the wells monitored showed water level in this range. Among the coastal district Bhadrak (77.3 %), Jajpur (67.6%) and parts of Puri, Ganjam and Gajapati had 2 to 5 mbgl of water level. In the central and western Odisha, Boudh (88.6%), Nawapara (50%), Balangir (77.5%), Anugul (38.8%), Mayurbhanj (31.1%) and Sundargarh (40.81%) 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 Baleshwar, Bhadrak, and Jajapur 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 7.6% of the wells in the state. 33.3 % of wells in Baleshwar, Jajapur (32.4%), and Bhadrak (22.7%) 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 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 2013 showed water level in this range.

In general the water level in the state during August 2013 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 2013

A perusal of data and maps pertaining to November 2013 shows that the depth to water level ranges from 0.14 to 12.1 mbgl and in majority (48%) of NHS wells level was in the range of 0-2 m below ground level and 46.2% of

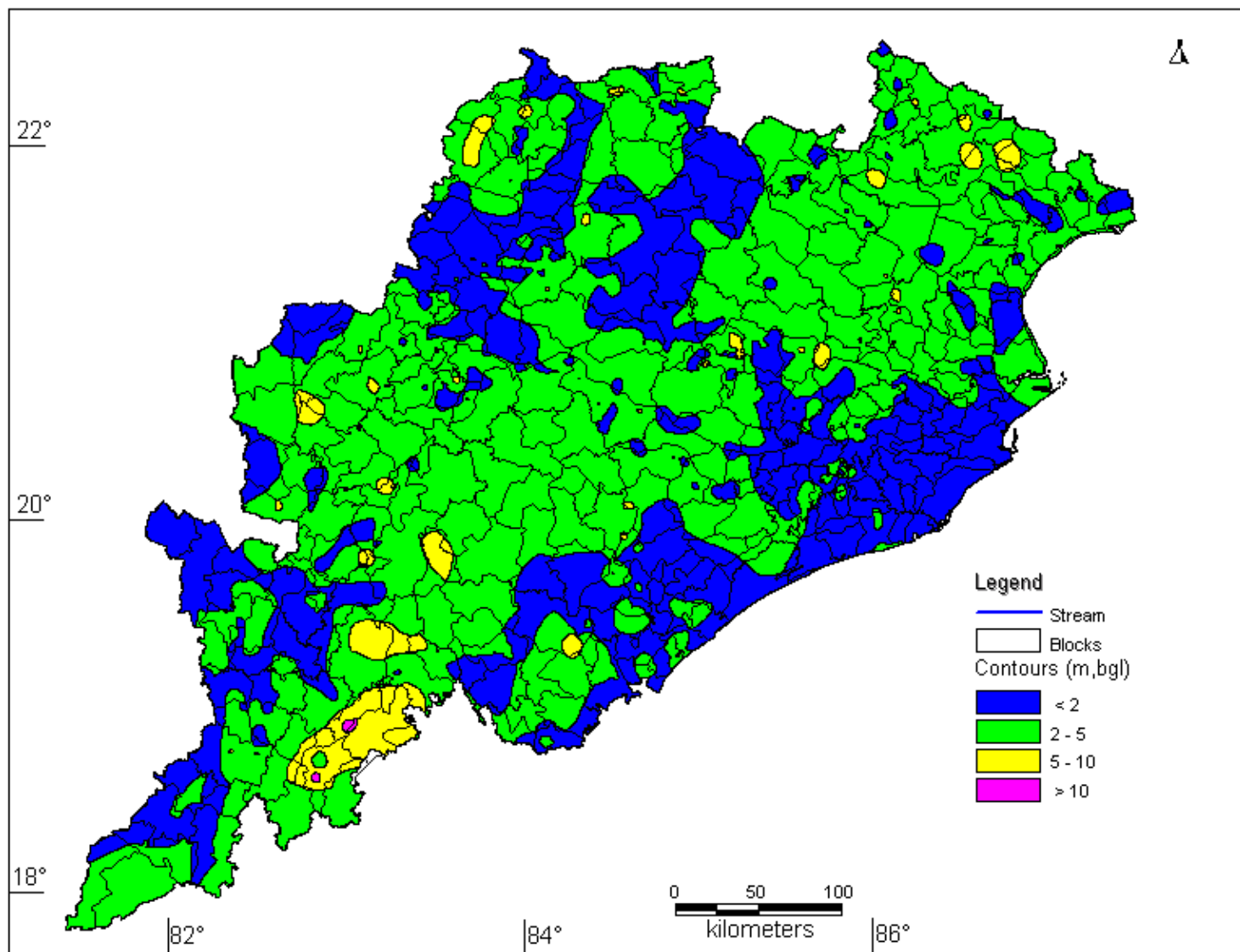


Table:- 7.3

Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - NOVEMBER 2013

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	49	0.83	9.2	14	28	31	63.3	4	8.2	0		0		0	
BALANGIR	49	1.35	8.3	8	16	37	75.5	4	8.2	0		0		0	
BALESHWAR	35	0.93	4.82	10	28	25	71.4	0		0		0		0	
BARGARH	55	0.45	5.12	36	65	18	32.7	1	1.8	0		0		0	
BAUDH	38	0.8	5.35	10	26	26	68.4	2	5.3	0		0		0	
BHADRAK	20	1.31	3.2	7	35	13	65	0		0		0		0	
CUTTACK	82	0.24	4.36	44	53	38	46.3	0		0		0		0	
DEBAGARH	7	0.65	2.6	5	71	2	28.6	0		0		0		0	
DHENKANAL	41	0.6	6.92	19	46	19	46.3	3	7.3	0		0		0	
GAJAPATI	19	0.47	6.35	11	57	7	36.8	1	5.3	0		0		0	
GANJAM	86	0.25	6.17	60	69	23	26.7	3	3.5	0		0		0	
JAGATSINGHA	22	0.31	1.83	22	100	0		0		0		0		0	
JAJAPUR	38	1.3	5.31	6	15	29	76.3	3	7.9	0		0		0	
JHARSUGUDA	13	1.05	5.05	8	61	4	30.8	1	7.7	0		0		0	
KALAHANDI	41	0.7	9.1	18	43	18	43.9	5	12.2	0		0		0	
KENDRAPARA	19	0.45	1.13	19	100	0		0		0		0		0	
KENDUJHAR	78	1.01	6.68	12	15	62	79.5	4	5.1	0		0		0	
KHORDHA	77	0.2	6.6	45	58	28	36.4	4	5.2	0		0		0	
KORAPUT	47	0.25	12.1	19	40	18	38.3	8	17	2	4.3	0		0	
MALKANGIRI	16	0.9	3.9	11	68	5	31.3	0		0		0		0	
MAYURBHANJ	76	1.5	9.01	17	22	53	69.7	6	7.9	0		0		0	
NABARANGAPU	21	0.55	4.5	13	61	8	38.1	0		0		0		0	
NAYAGARH	24	0.93	5.15	8	33	15	62.5	1	4.2	0		0		0	
NUAPADA	18	0.5	5.2	4	22	13	72.2	1	5.6	0		0		0	
PURI	85	0.25	5.2	74	87	10	11.8	1	1.2	0		0		0	
RAYAGADA	16	0.25	9.4	8	50	5	31.3	3	18.8	0		0		0	
SAMBALPUR	52	0.48	6.35	29	55	20	38.5	3	5.8	0		0		0	
SONAPUR	35	0.14	5.6	25	71	9	25.7	1	2.9	0		0		0	
SUNDARGARH	76	0.4	6.95	32	42	35	46.1	9	11.8	0		0		0	
TOTAL	1235			594	48	571	46.2	68	5.5	2	0.2	0	0.0	0	0.0

wells in 2-5 m below ground level. The district-wise depth to water level of November 2013 is shown in **Table7.3** and the depth to water level map has been shown in **Plate-7.3**.

Water level between 0-2 m

48% of the wells monitored in the state has water level in this range. The coastal districts like Jagatsinghpur (100%), Puri (87%), Kendrapara (100%), ganjam (69%) and Puri (87%) 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

46.2 % of the wells monitored showed water level in this range. Among the coastal district Balasore (71.4 %), Bhadrak (65 %), Jajpur (76.3%) and parts of Puri, Ganjam and Gajapati had 2 to 5 mbgl of water level. In the central and western Odisha, Boudh (68.4%), Nawapara (72.2%), Mayurbhanj (69.7%), Balangir (75.5%), Anugul (63.3%), Mayurbhank (69%) and Sundargarh (46.1%) 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 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 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 2013 showed water level in this range.

In general the water level in the state during November 2013 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.

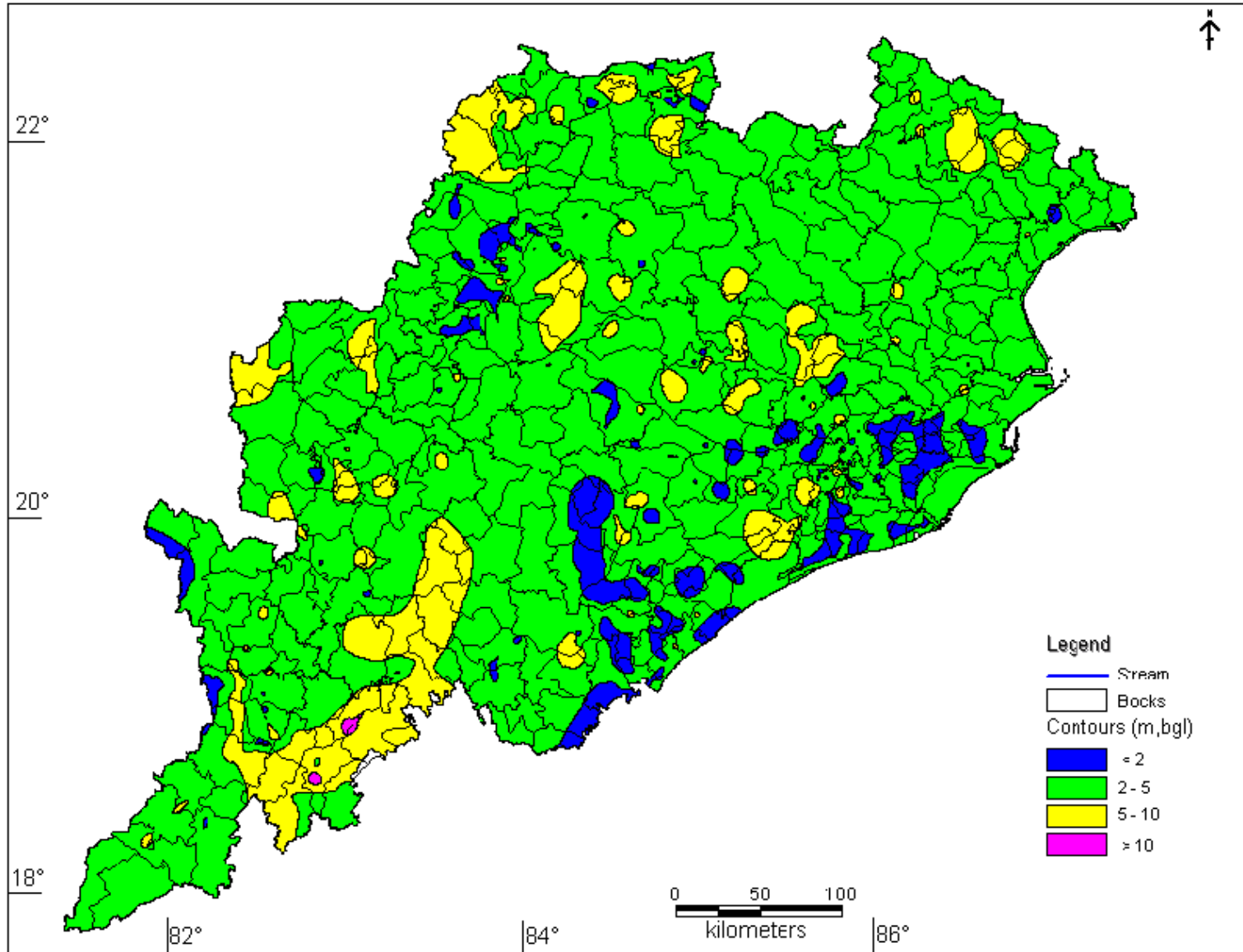


Table:- 7.4

Districtwise Well Frequency Distribution for Different Ranges of Depth to Water Level - JANUARY 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											
				<2		2 - 5		5 - 10		10 - 20		20 - 40		> 40	
		Min	Max	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
ANUGUL	50	1.55	10.4	2	4.0	31	62.0	15	30.0	2	4.0	0	0	0	0
BALANGIR	43	0.62	8.05	5	11.	32	74.4	6	14.0	0	0	0	0	0	0
BALESHWAR	34	1.03	5.31	1	2.9	30	88.2	3	8.8	0	0	0	0	0	0
BARGARH	54	0.52	6.72	19	35.	29	53.7	6	11.1	0	0	0	0	0	0
BAUDH	35	0.29	5.66	7	20.	27	77.1	1	2.9	0	0	0	0	0	0
BHADRAK	21	2.03	3.81	0		21	100.	0	0	0	0	0	0	0	0
CUTTACK	80	0.64	6.65	24	30.	54	67.5	2	2.5	0	0	0	0	0	0
DEBAGARH	8	1.75	5.65	1	12.	5	62.5	2	25.0	0	0	0	0	0	0
DHENKANAL	43	1.46	7.97	5	11.	24	55.8	14	32.6	0	0	0	0	0	0
GAJAPATI	16	1.20	6.12	2	12.	12	75.0	2	12.5	0	0	0	0	0	0
GANJAM	85	0.47	8.11	32	37.	44	51.8	9	10.6	0	0	0	0	0	0
JAGATSINGHAPUR	21	0.98	4.12	12	57.	9	42.9	0	0	0	0	0	0	0	0
JAJAPUR	36	1.89	6.03	4	11.	29	80.6	3	8.3	0	0	0	0	0	0
JHARSUGUDA	13	1.85	5.55	2	15.	8	61.5	3	23.1	0	0	0	0	0	0
KALAHANDI	43	1.80	8.10	2	4.7	33	76.7	8	18.6	0	0	0	0	0	0
KENDRAPARA	19	1.15	3.30	6	31.	13	68.4	0	0	0	0	0	0	0	0
KENDUJHAR	80	1.90	6.85	2	2.5	72	90.0	6	7.5	0	0	0	0	0	0
KHORDHA	73	0.40	9.50	22	30.	26	35.6	25	34.2	0	0	0	0	0	0
KORAPUT	47	0.80	12.7	7	14.	18	38.3	20	42.6	2	4.3	0	0	0	0
MALKANGIRI	16	1.75	6.45	3	18.	10	62.5	3	18.8	0	0	0	0	0	0
MAYURBHANJ	76	2.02	9.26	0		70	92.1	6	7.9	0	0	0	0	0	0
NABARANGAPUR	21	1.80	5.90	3	14.	13	61.9	5	23.8	0	0	0	0	0	0
NAYAGARH	26	0.17	5.14	8	30.	17	65.4	1	3.8	0	0	0	0	0	0
NUAPADA	18	0.90	7.42	2	11.	13	72.2	3	16.7	0	0	0	0	0	0
PURI	88	0.85	7.78	41	46.	45	51.1	2s	2.3	0	0	0	0	0	0
RAYAGADA	16	1.80	9.70	5	31.	7	43.8	4	25.0	0	0	0	0	0	0
SAMBALPUR	53	0.42	7.85	9	17.	32	60.4	12	22.6	0	0	0	0	0	0
SONAPUR	32	0.95	5.15	7	21.	23	71.9	2	6.3	0	0	0	0	0	0
SUNDARGARH	76	0.75	8.95	17	22.	38	50.0	21	27.6	0	0	0	0	0	0
TOTAL	1223			250	20.44	785	64.2	184	15.0	4	0.3	0	0	0	0

7.1.4. DEPTH TO WATER LEVEL OF JANUARY 2014

A perusal of data and maps pertaining to January 2014 shows that the depth to water level in majority (64.18%) of NHS wells was level in the range of 2-5 m below ground level and 15.04 % 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

20.44% of the wells monitored in the state has water level between 0-2 m. The districts like Jagatsinghpur (57.1%), Puri (46.5%), Khorda (30%) and Bargarh (35.1%) 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

64.2% of the wells monitored showed water level in this range. All wells of the Bhadrak district falls in this range. Districts like Mayurbhanj (92.1%), Keonjhar (90%), Baleswar (88.2%), Jajpur (80.6%), Baudh (77.1%), Kalahandi (76.7%), Gajapati (75.0%), Balangir (74.4%), Nuapada (72.2%), Sonapur (71.9%), Kendrapara (68.4%), Cuttack (67.5%), Malkangiri (62.5%), Nayagarh (65.4%), Anugul (62.0%), Debagarh (62.5%), Jharsuguda (61.5%), Sambalpur (60.4%) 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 15.04% of the wells in the state. The districts namely Koraput (42.6%), Khordha (34.2%) Dhenkanal (32.6%) and Anugul (30.0%) 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 0.3% well measured in this category. There are 2 wells having deeper water level in the Anugul and Koraput districts.

Water level greater than 20m

None of the wells monitored during January 2012 showed water level in this range.

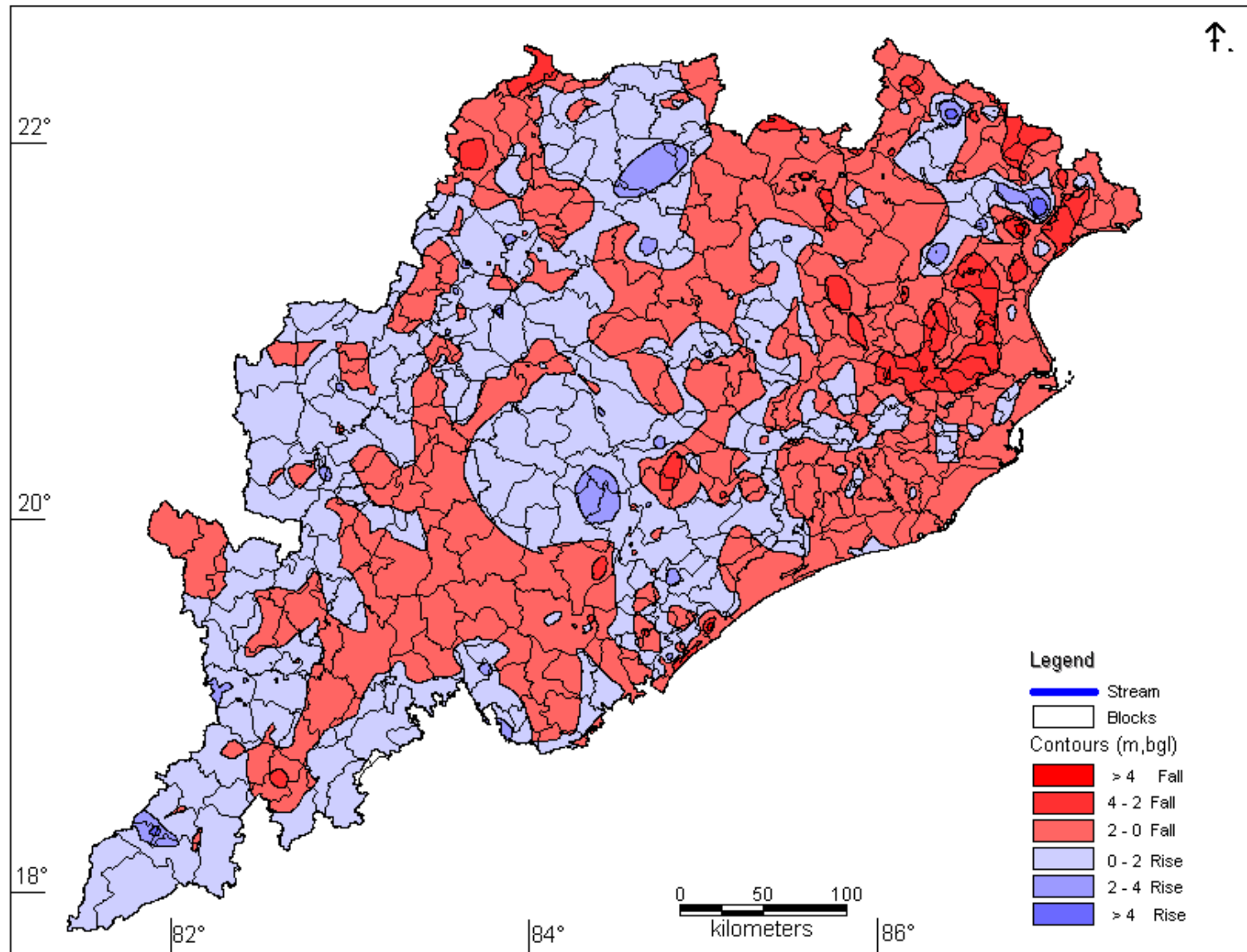


Table:-7.5

**District wise Categorization of Change in Water Level
Apr – 13 Vs. Decadal Mean (Apr – 03 – Apr- 12) State: Odisha**

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
								No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	43	2	41	0.32	0.48	0.26	6.19	2	4.7					17	39.5	21	48.8	3	7
BALANGIR	30	1	29	0.55	0.55	0.04	3.16	1	3.3					16	53.3	13	43.3		
BALESHWAR	22		22			0.78	7							3	13.6	6	27.3	13	59.1
BARGARH	33	19	14	0.01	3.61	0.13	4.23	15	45.5	4	12.1			7	21.2	6	18.2	1	3
BAUDH	24		24			0.14	3.14							13	54.2	11	45.8		
BHADRAK	14		14			0.28	6.47							1	7.1	5	35.7	8	57.1
CUTTACK	37	1	36	0.08	0.08	0.23	3.6	1	2.7					26	70.3	10	27		
DEBAGARH	6	1	5	1.08	1.08	1.19	3.79	1	16.7					1	16.7	4	66.7		
DHENKANAL	39	1	38	0.15	0.15	0.4	5.28	1	2.6					17	43.6	18	46.2	3	7.7
GAJAPATI	10	1	9	1.15	1.15	0.73	5.46	1	10					2	20	5	50	2	20
GANJAM	83	8	75	0.04	1.87	0	6.47	8	9.6					37	44.6	25	30.1	13	15.7
JAGATSinghapur	15		15			1.03	2.8							11	73.3	4	26.7		
JAJAPUR	23		23			1.88	6.52							1	4.3	13	56.5	9	39.1
JHARSUGUDA	7		7			0.16	2.81							4	57.1	3	42.9		
KALAHANDI	36	4	32	0.09	1.02	0.6	5.05	4	11.1					12	33.3	19	52.8	1	2.8
KENDRAPARA	13		13			0.87	2.75							12	92.3	1	7.7		
KENDUJHAR	54	2	52	0.2	0.33	0.14	6.73	2	3.7					14	25.9	24	44.4	14	25.9
KHORDHA	20		20			0	4.28							8	40	11	55	1	5
KORAPUT	35	13	22	0	1.7	0.04	5.68	13	37.1					13	37.1	8	22.9	1	2.9
MALKANGIRI	11	3	8	0.04	1.62	0.15	2.96	3	27.3					6	54.5	2	18.2		
MAYURBHANJ	55	7	48	0.28	4.05	0.24	8.44	4	7.3	2	3.6	1	1.8	9	16.4	19	34.5	20	36.4
NABARANGAPUR	12	1	11	0.55	0.55	0.22	3.81	1	8.3					3	25	8	66.7		
NAYAGARH	17	1	16	0.46	0.46	0.39	5.27	1	5.9					10	58.8	5	29.4	1	5.9
NUAPADA	9	1	8	2.1	2.1	0.92	2.81			1	11.1			5	55.6	3	33.3		
PURI	33		33			0.22	2.87							29	87.9	4	12.1		
RAYAGADA	12	1	11	3.27	3.27	0.43	3.63			1	8.3			8	66.7	3	25		
SAMBALPUR	33	6	27	0.03	1.52	0.17	3.92	6	18.2					14	42.4	13	39.4		
SONAPUR	22	7	15	0.2	2.1	0.55	2.05	6	27.3	1	4.5			13	59.1	2	9.1		
SUNDARGARH	27	1	26	0.3	0.3	0.12	7.47	1	3.7					11	40.7	9	33.3	6	22.2
TOTAL	775	81	694	0.544	1.398			71	9.2	9	1.2	1	0.1	323	41.7	275	35.5	96	12.4

In general the water level in the state during January 2014 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 2013 - DECADAL MEAN (APR' 03 - APR' 12)

The district-wise categorisation of change in water level in April-2013 with respect to the decade mean (April 03 to April 2012) 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 2013 with reference to decadal mean (2003-2012) shows fall in water level is observed in 89.54% of the total wells in the state. 41.7% of the wells have shown fall in the 0-2m range. It varies from minimum of 4.3% of wells in Jajpur district to a maximum of 92.3% of wells in Kendrapara district. The districts of Bolangir, Baudh, Cuttack, 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 35.5% of the state. The maximum is in Nabarangpur district (66.7%). A fall of more than 4m have been observed only in 12.4% of the total NHS monitored in the state which are in Anugul, Balasore, Bhadrak, Cuttack, Dhenkanal, Gajapati, Ganjam, Jajpur, Keonjhar, Khurda, Malkangiri, Mayurbhanj and Sundargarh districts.

Rise in water level

A perusal of the data and map pertaining to April 2013 with reference to Decadal mean (2003-2012) shows that rise 10.45% of total NHS wells in the state. Rise in water level between 0-2m has been observed in 9.2% of the network stations in the state. It varies from minimum of 3.3% in Balangir to a maximum of 45.5% in Bargarh district. All the districts have recorded rise of water level in some of the NHSs except Baleswar, Baudh, Bhadrak, jajpur, jharsuguda and jagatsinghpur 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 (12.1%), Mayurbhanj(3.6%), Nuapada (8.3%), Sonapur (4.5%), Only 0.1% of wells show more than 4m rise in water level in one well each in Mayurbhanj district.

In general a fall has been recorded in water level of April 2013 when compared with the decadal mean (April 2003-2012).

7.2.2 AUGUST 2013 - DECADAL MEAN (AUGUST 2003- 2012)

The district-wise categorisation of change in water level of August-2013 with respect to the decadal mean (August 2003 – August 2012) 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 2013 with reference to decadal mean (2003-12) shows that rise in water level between 0-2m has been observed in 83.2% 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 ranges of 2-4m has been noticed in 52.2% wells in isolated locations and more than 4m have been observed in 3.4% of wells.

Fall in water level

Fall in water level is seen in patches mostly in the hard rock and hilly terrain of the state. Fall in water level between 0-2 m has been observed in 15.6% of the network monitoring wells in the state. Fall in water level between the ranges of 2-4m has been observed in 3.6% 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 2013 when compared with the decadal mean (August 2003-2012). 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.

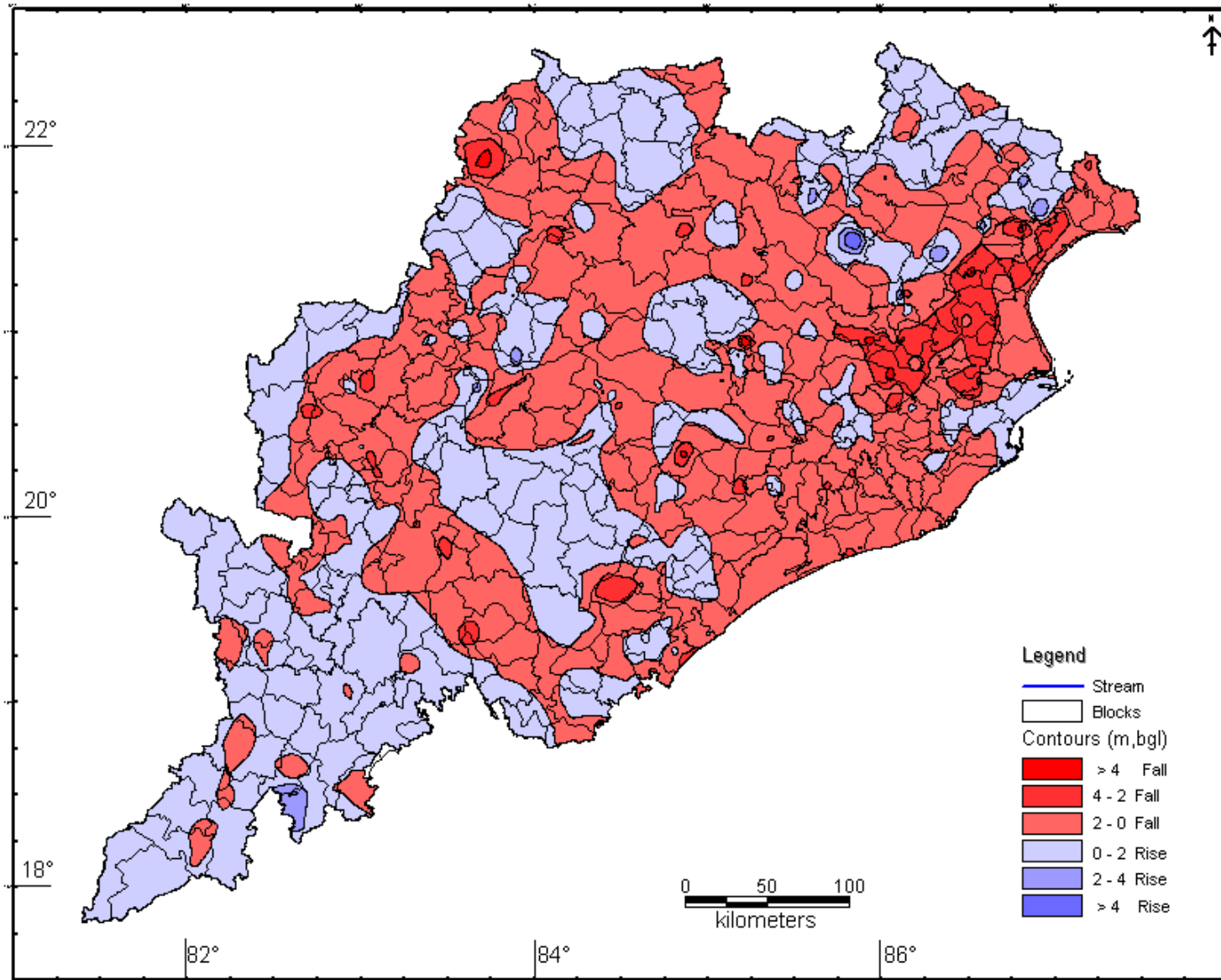


Table:-7.6

District wise Categorization of Change in Water Level
Aug – 13 Vs. Decadal Mean (Aug – 03 – Aug- 12) State: Odisha

DISTRICT	Number of well analysed	Number of wells showing		Range				Number and percentage of wells showing											
				Rise (m)		Fall (m)		Rise						Fall					
				Min	Max	Min	Max	0 – 2 m		2 – 4 m		>4 m		0 – 2 m		2 – 4 m		>4 m	
								No	%	No	%	No	%	No	%	No	%	No	%
ANUGUL	44	41	3	0.08	4.59	0.38	3.23	24	54.5	15	34.1	2	4.5	2	4.5	1	2.3		
BALANGIR	28	18	10	0.01	2.78	0.11	1.32	17	60.7	1	3.6			10	35.7				
BALESHWAR	25	5	20	0.24	1.89	0.06	3.59	5	20					13	52	7	28		
BARGARH	30	28	2	0.04	4.15	0.12	0.34	16	53.3	11	36.7	1	3.3	2	6.7				
BAUDH	25	16	9	0.14	2.47	0.26	1.37	12	48	4	16			9	36				
BHADRAK	14	1	13	0.21	0.21	0.19	3.23	1	7.1					9	64.3	4	28.6		
CUTTACK	38	31	7	0.01	3.06	0.01	2.3	28	73.7	3	7.9			6	15.8	1	2.6		
DEBAGARH	4	4		0.48	2.63			2	50	2	50								
DHENKANAL	39	37	2	0.37	4.53	0.05	0.3	22	56.4	14	35.9	1	2.6	2	5.1				
GAJAPATI	7	7		1.11	2.58			6	85.7	1	14.3								
GANJAM	77	69	8	0.06	3.65	0.02	3.14	52	67.5	17	22.1			6	7.8	2	2.6		
JAGATSINGHA	15	12	3	0.01	1.32	0.19	0.9	12	80					3	20				
JAJAPUR	37	6	31	0.15	3.26	0.15	3.92	5	13.5	1	2.7			22	59.5	9	24.3		
JHARSUGUDA	8	8		0.69	2.86			6	75	2	25								
KALAHANDI	37	33	4	0.08	3.42	0.69	2.84	21	56.8	12	32.4			3	8.1	1	2.7		
KENDRAPARA	12	9	3	0.7	2.11	0.11	0.42	8	66.7	1	8.3			3	25				
KENDUJHAR	57	53	4	0.16	8.13	0.15	2.84	29	50.9	20	35.1	4	7	3	5.3	1	1.8		
KHORDHA	20	13	7	0.44	2.94	0.2	1.11	10	50	3	15			7	35				
KORAPUT	35	35		0.47	5.81			18	51.4	16	45.7	1	2.9						
MALKANGIRI	11	11		0.69	4.02			6	54.5	4	36.4	1	9.1						
MAYURBHANJ	53	53		0.06	7.58			16	30.2	26	49.1	11	20.8						
NABARANGAPU	14	14		1.33	3.47			6	42.9	8	57.1								
NAYAGARH	17	12	5	0.35	3.91	0.15	3.75	11	64.7	1	5.9			4	23.5	1	5.9		
NUAPADA	10	8	2	0.22	4.3	0.89	0.96	5	50	2	20	1	10	2	20				
PURI	30	20	10	0.07	0.98	0.02	2.22	20	66.7					9	30	1	3.3		
RAYAGADA	11	9	2	0.13	2.19	0.1	0.59	7	63.6	2	18.2			2	18.2				
SAMBALPUR	35	31	4	0.17	3.06	0.2	1.08	15	42.9	16	45.7			4	11.4				
SONAPUR	23	23		0.34	4.35			15	65.2	7	30.4	1	4.3						
SUNDARGARH	28	27	1	0.28	4.86	1.65	1.65	14	50	9	32.1	4	14.3	1	3.6				
TOTAL	784	634	150	0.313	3.487			409	52.2	198	25.3	27	3.4	122	15.6	28	3.6		

7.2.3 NOVEMBER 2013 - DECADAL MEAN (NOVEMBER 2003 - 2012)

The district-wise categorisation of change in water level during November-2013 with respect to the decadal mean (November 2003- November-2012) 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 2013 with reference to decadal mean (2003-12) shows that rise in water level between 0-2m has been observed in 65.2% 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 20.2% wells in isolated locations and more than 4m have been observed in 2.0% 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 11.9% of the network monitoring wells in the state. Fall in water level between the range of 2-4m has been observed in 0.6% of network wells in the state. Fall in water level of more 4m, is present in isolated areas with 0.1% of the total wells in the state.

In general a rise has been recorded in water level of November 2013 when compared with the decadal mean (November 2003-2012). 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 (NOV 2013 VS DECADAL 2003-2012) PLATE 7.7

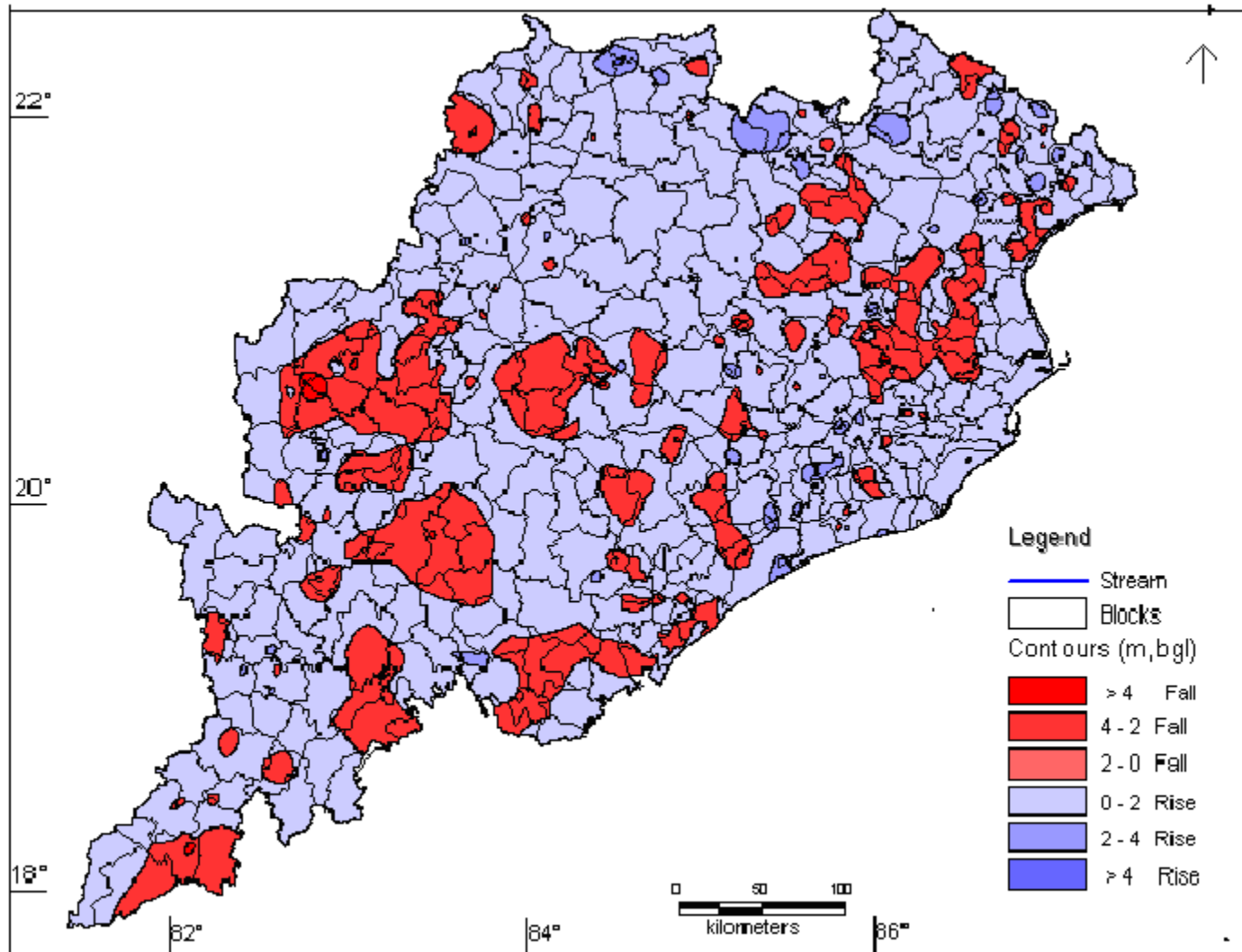


Table:-7.7

District wise Categorization of Change in Water Level
Nov – 13 Vs. Decadal Mean (Nov – 03 – Nov- 12) 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	44	41	3	0.03	5.27	0.04	2.48	29	65.9	11	25	1	2.3	2	4.5	1	2.3				
BALANGIR	37	25	12	0.26	2.33	0.01	2.57	23	62.2	2	5.4			11	29.7	1	2.7				
BALESHWAR	22	18	4	0.04	2.98	0	0.16	17	77.3	1	4.5			4	18.2						
BARGARH	32	29	3	0.01	3.55	0.23	0.63	22	68.8	7	21.9			3	9.4						
BAUDH	28	22	6	0.06	3.59	0.13	1.49	20	71.4	2	7.1			6	21.4						
BHADRAK	12	7	5	0.08	2.57	0	0.21	5	41.7	2	16.7			5	41.7						
CUTTACK	38	38		0.09	4.46			30	78.9	7	18.4	1	2.6								
DEBAGARH	5	5		1.58	2.48			2	40	3	60										
DHENKANAL	37	36	1	0.31	4.23	0.09	0.09	28	75.7	7	18.9	1	2.7	1	2.7						
GAJAPATI	11	11		0.38	2.25			9	81.8	2	18.2										
GANJAM	78	71	7	0.03	3.16	0.11	1.56	54	69.2	17	21.8			7	9						
JAGATSINGHA	15	14	1	0.31	2.37	0	0	13	86.7	1	6.7			1	6.7						
JAJAPUR	38	19	19	0.08	4.36	0	2.34	16	42.1	2	5.3	1	2.6	18	47.4	1	2.6				
JHARSUGUDA	8	8		0.29	1.7			8	100												
KALAHANDI	35	27	8	0.03	2.62	0.16	4.44	25	71.4	2	5.7			7	20			1	2.9		
KENDRAPARA	13	13		0.28	2.27			11	84.6	2	15.4										
KENDUJHAR	59	47	12	0.01	5.08	0.02	1.75	30	50.8	14	23.7	3	5.1	12	20.3						
KHORDHA	20	18	2	0.12	3.94	0.08	0.26	7	35	11	55			2	10						
KORAPUT	38	34	4	0.09	5.31	0.09	0.58	31	81.6	2	5.3	1	2.6	4	10.5						
MALKANGIRI	11	10	1	0.51	2.25	2.15	2.15	9	81.8	1	9.1					1	9.1				
MAYURBHANJ	54	53	1	0.06	6	0.43	0.43	29	53.7	18	33.3	6	11.1	1	1.9						
NABARANGAPU	15	14	1	0.1	3.34	0.42	0.42	8	53.3	6	40			1	6.7						
NAYAGARH	16	13	3	0.22	4.1	0.75	2.8	8	50	4	25	1	6.3	2	12.5	1	6.3				
NUAPADA	10	9	1	0.21	3.37	0.8	0.8	7	70	2	20			1	10						
PURI	32	31	1	0.28	2.91	0.01	0.01	28	87.5	3	9.4			1	3.1						
RAYAGADA	12	8	4	0.94	3.6	0.02	1.23	4	33.3	4	33.3			4	33.3						
SAMBALPUR	36	36		0.03	3.14	22	61.1	14	38.9												
SONAPUR	23	22	1	0.05	3.19	1.27	1.27	14	60.9	8	34.8			1	4.3						
SUNDARGARH	28	26	2	0.39	4.97	0.32	0.5	17	60.7	8	28.6	1	3.6	2	7.1						
TOTAL	807	705	102	0.237	3.496			526	65.2	163	20.2	16	2	96	11.9	5	0.6	1	0.1		

WATER LEVEL FLUCTUATION MAP OF ODISHA JANUARY 2014 VS DECADAL (2004-2013)

PLATE- 7.8

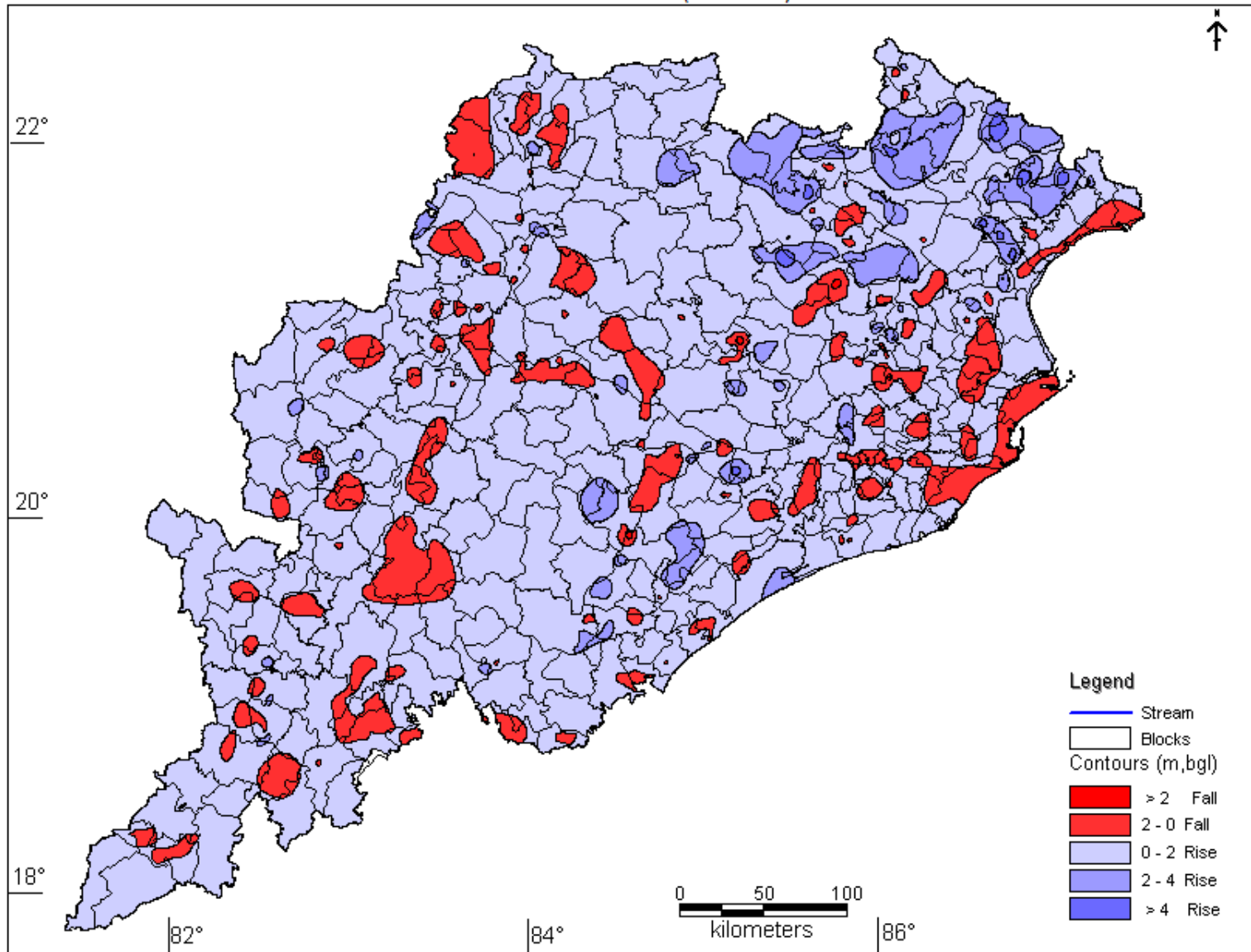


Table:-7.8

**District wise Categorization of Change in Water Level
Jan – 14 Vs. Decadal Mean (Jan – 04 – Jan – 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					
				0 – 2 m	2 – 4 m	>4 m	0 – 2 m	2 – 4 m	>4 m	0 – 2 m		2 – 4 m		>4 m					
										No	%	No	%	No	%				
ANUGUL	50	26	24	0.11	2.42	0	4.15	24	48	2	4			21	42	2	4	1	2
BALANGIR	43	32	11	0.07	2.61	0.02	2.42	30	69.8	2	4.7			10	23.3	1	2.3		
BALESHWAR	34	21	13	0.11	2.31	0.04	1.3	19	55.9	2	5.9			13	38.2				
BARGARH	54	14	40	0	3.01	0.01	2.16	13	24.1	1	1.9			37	68.5	3	5.6		
BAUDH	35	25	10	0.09	1.81	0.05	1.26	25	71.4					10	28.6				
BHADRAK	21	16	5	0.03	2	0.05	1.95	15	71.4	1	4.8			5	23.8				
CUTTACK	80	32	48	0.02	1.35	0.01	2.29	32	40					47	58.8	1	1.3		
DEBAGARH	8	5	3	0.01	0.68	0.34	2.73	5	62.5					2	25	1	12.5		
DHENKANAL	43	23	20	0.14	2.4	0.02	2.02	22	51.2	1	2.3			19	44.2	1	2.3		
GAJAPATI	16	12	4	0.07	2.08	0.27	1.36	11	68.8	1	6.3			4	25				
GANJAM	85	57	28	0	2.53	0.02	3.06	53	62.4	4	4.7			25	29.4	3	3.5		
JAGATSINGHAPUR	21	7	14	0.1	0.32	0.1	0.88	7	33.3					14	66.7				
JAJAPUR	36	12	24	0.03	3.66	0.07	2.57	10	27.8	2	5.6			23	63.9	1	2.8		
JHARSUGUDA	13	3	10	0.14	0.41	0.06	1.05	3	23.1					10	76.9				
KALAHANDI	43	11	32	0.03	1.3	0.09	3.16	11	25.6					28	65.1	4	9.3		
KENDRAPARA	19	11	8	0.01	0.91	0.15	1.46	11	57.9					8	42.1				
KENDUJHAR	79	48	31	0.01	4.84	0.03	2.17	38	48.1	9	11.4	1	1.3	29	36.7	2	2.5		
KHORDHA	73	19	54	0.02	1.19	0.01	3	19	26					51	69.9	3	4.1		
KORAPUT	47	16	31	0	2.17	0.01	3.24	15	31.9	1	2.1			28	59.6	3	6.4		
MALKANGIRI	16	7	9	0	1.07	0.03	4.48	7	43.8					7	43.8	1	6.3	1	6.3
MAYURBHANJ	76	58	18	0.02	5.09	0.06	1.51	43	56.6	13	17.1	2	2.6	18	23.7				
NABARANGAPUR	21	12	9	0.11	1.66	0.03	1.81	12	57.1					9	42.9				
NAYAGARH	26	21	5	0.05	4.14	0	2.23	18	69.2	2	7.7	1	3.8	4	15.4	1	3.8		
NUAPADA	18	9	9	0.08	2.62	0.07	1.75	8	44.4	1	5.6			9	50				
PURI	88	57	31	0	2.26	0.01	1.3	56	63.6	1	1.1			31	35.2				
RAYAGADA	16	10	6	0.09	3.03	0.05	1.67	9	56.3	1	6.3			6	37.5				
SAMBALPUR	53	22	31	0.02	1.57	0.03	3.3	22	41.5					29	54.7	2	3.8		
SONAPUR	32	11	21	0.03	1.29	0.02	1.27	11	34.4					21	65.6				
SUNDARGARH	76	31	45	0	2.83	0.02	3.59	30	39.5	1	1.3			41	53.9	4	5.3		
TOTAL	1222	628	594	4.718	2.19			579	47.4	45	3.7	4	0.3	559	45.7	33	2.7	2	0.2

7.2.4 JANUARY' 2014 - DECADAL MEAN (JANUARY 2004- 2013)

The district-wise categorisation of change in water level during January 2014 with respect to the decadal mean (2004-2013) 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 2014 with reference to Decadal mean (2004-2013) shows that rise 51.39% of total NHS wells in the state. Rise in water level between 0-2m has been observed in 47.4% of the network stations in the state. All the districts have recorded rise of water level in this range. It varies from minimum of 23.1% in Jharsuguda to a maximum rise of 71.4% in Bhadrak and Baudh district.. The rise in water level between the range of 2-4m has been noticed in 3.7% of wells mainly in the Mayurbhanj (17.1%), Kendujhar (11.4%) and Nayagarh (7.7%) districts. Only 0.3% of wells show more than 4m rise in water level in one well each in Mayurbhanj, Kendujhar and Nayagarh districts.

Fall in water level

Fall in water level is seen in the 48.6 % of NHS wells of the state. Fall in water level between 0-2 m has been observed in 45.7% of the network monitoring wells in the state. It ranges between 76.9% in Jharsuguda to 15.4% in Nayagarh district. The Khorda, Bargarh, Jagatsinghpur, Jajpur, , Bargarh Cuttack Sonapur, , Nuapada, Sundargarh, Sambalpur, Koraput, Jajpur, and Kalahandi districts recorded more than 50% of wells in 0-2m range. The range of 2-4m fall in water level has been observed in 2.7% of the state. The maximum is in Debagarh district (12.5%). A fall of more than 4m have been observed only in 0.2% of the total NHS monitored in the state which are in Anugul and Malkangiri districts.

In general both rise and fall has been recorded in water level of January 2014 when compared with the decadal mean (January 2004-2013). The year 2013 receives heavy rainfall in the monsoon period, the variation in water level may be the reflection of the variation of rainfall in space and time.

7.3 FLUCTUATION IN COMPARISON TO CORRESPONDING PERIOD OF PREVIOUS YEAR

7.3.1 APRIL 2012 - APRIL 2013

The district-wise categorisation of change in water level during April-2013 with respect to that of April-2012 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 2013 with respect to April 2012 shows that 44.63% of the wells recorded a rise in water level. Maximum number of wells have shown rise in 0-2m range, i.e., 36.1% 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 5.4% of the wells, mainly in Balasore, Debagarh, Gajapati, Kalahandi, Keonjhar, Koraput, Mayurbhanj and Nowrangpur districts. Rise of more than 4m is observed only in 1.7% 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 2013 with respect to April 2012 shows that in 55.3% of wells there has been fall in water level. The fall in water level in the range of 0-2m have been observed in 48.8 % of the wells in the state. It varies from minimum of 28.1% in Bargarh district to maximum of 85.7% in Jharsuguda district. Fall in 2-4m range is observed only in 4.2% of wells. More than 4 m fall in water level has been observed in a minor 2.4% wells of the state.

In general a rise and fall in water level has been observed in April 2013 with respect to April 2012.

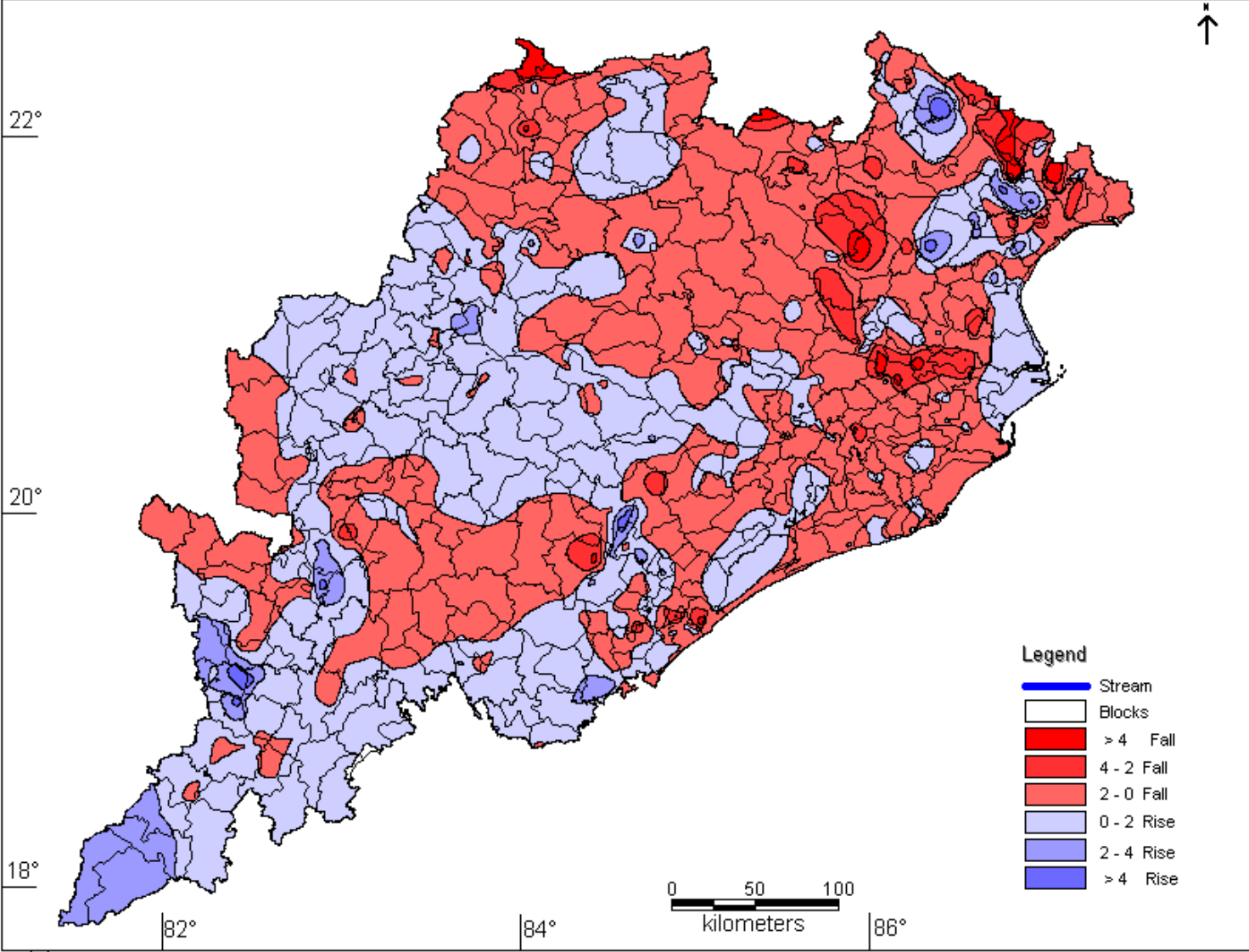


Table:-7.9

District wise Categorization of Change in Water Level
Apr – 12 – Apr – 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	42	11	31	0	1.44	0.14	2.67	10	23.8					30	71.4	1	2.4				
BALANGIR	24	16	8	0	2.44	0.03	0.3	14	58.3	1	4.2			8	33.3						
BALESHWAR	21	7	14	0.03	3.83	0.31	3.18	4	19	3	14.3			11	52.4	3	14.3				
BARGARH	32	22	10	0	1.79	0.01	2.05	21	65.6					9	28.1	1	3.1				
BAUDH	23	16	7	0.03	0.66	0.03	0.19	16	69.6					7	30.4						
BHADRAK	14	3	11	0.15	1.45	0.23	3.82	3	21.4					9	64.3	2	14.3				
CUTTACK	30	9	21	0.01	0.98	0.02	4.87	9	30					20	66.7			1	3.3		
DEBAGARH	6	1	5	3.69	3.69	0.62	1.25			1	16.7			5	83.3						
DHENKANAL	37	12	25	0.04	2.29	0.02	1.83	11	29.7	1	2.7			25	67.6						
GAJAPATI	8	6	2	0.07	2.06	0.07	0.33	4	50	2	25			2	25						
GANJAM	80	48	32	0	5.26	0.01	5.34	36	45	7	8.8	3	3.8	26	32.5	3	3.8	3	3.8		
JAGATSinghapur	13	2	11	0.21	1.45	0.05	1.5	2	15.4					11	84.6						
JAAPUR	18	3	15	0.46	1.52	0.25	5.59	3	16.7					4	22.2	6	33.3	5	27.8		
JHARSUGUDA	7	1	6	0.85	0.85	0.22	1.39	1	14.3					6	85.7						
KALAHANDI	35	20	15	0	4.38	0.06	3.16	16	45.7	2	5.7	1	2.9	13	37.1	2	5.7				
KANDHAMAL	0	0	0																		
KENDRAPARA	12	5	7	0.05	1.02	0.18	1.26	5	41.7					7	58.3						
KENDUJHAR	43	5	38	0.13	1.86	0.08	5.75	5	11.6					31	72.1	5	11.6	2	4.7		
KHORDHA	19	6	13	0.11	0.81	0.02	1.3	6	31.6					13	68.4						
KORAPUT	34	29	5	0	6.2	0.14	1	18	52.9	5	14.7	4	11.8	5	14.7						
MALKANGIRI	10	9	1	0	3.39	0.8	0.8	6	60	2	20			1	10						
MAYURBHANJ	53	21	32	0.08	5.32	0.21	9.88	12	22.6	5	9.4	4	7.5	22	41.5	6	11.3	4	7.5		
NABARANGAPUR	12	7	5	0.55	3.4	0.04	1.5	5	41.7	2	16.7			5	41.7						
NAYAGARH	16	8	8	0.01	2.14	0.04	1.13	7	43.8	1	6.3			8	50						
NUAPADA	8	4	4	0.14	0.61	0.08	0.5	4	50					4	50						
PURI	31	6	25	0	0.2	0.02	1.97	5	16.1					25	80.6						
RAYAGADA	11	5	6	0.03	2.27	0.05	1.76	4	36.4	1	9.1			6	54.5						
SAMBALPUR	32	15	17	0.07	2.71	0.01	1.05	14	43.8	1	3.1			17	53.1						
SONAPUR	19	16	3	0.18	3.82	0.08	0.25	11	57.9	5	26.3			3	15.8						
SUNDARGARH	27	7	20	0.24	1.55	0.01	7.47	7	25.9					17	63	1	3.7	2	7.4		
TOTAL	717	320	397	7.13	69.39			259	36.1	39	5.4	12	1.7	350	48.8	30	4.2	17	2.4		

7.3.2 AUGUST 2012 - AUGUST 2013

The district-wise categorization of change in water level during August-2013 with respect to August-2012 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 2013 water level with that of August 2012 showed that 34.64% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie 28.6%; 4.6% in 2-4 m range and 0.9% in greater than 4 m range. All the districts have recorded in 0-2m range except Debagarh, Jharsuguda, Khordha, Malkangiri, and Puri. 2-4m range occurs in isolated patches throughout the state. Only 5 wells (0.9%) 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 65.35% NHS showed a fall in water level in August 2013. Out of which 65.6% wells showed fall in 0-2m range, 8.5% in 2-4m range and a minor 1.2% in greater than 4 m range. All the districts have recorded fall in the range of 0-2m except Baleshwar, Bhadrak, Debagarh, 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 Bhardarh, Debagarh, Jajapur, Khordha, and Nayagarh districts.

Greater than 4m fall in water level is found in very few isolated wells i.e., only 4 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 August 2013 with respect to August 2012.

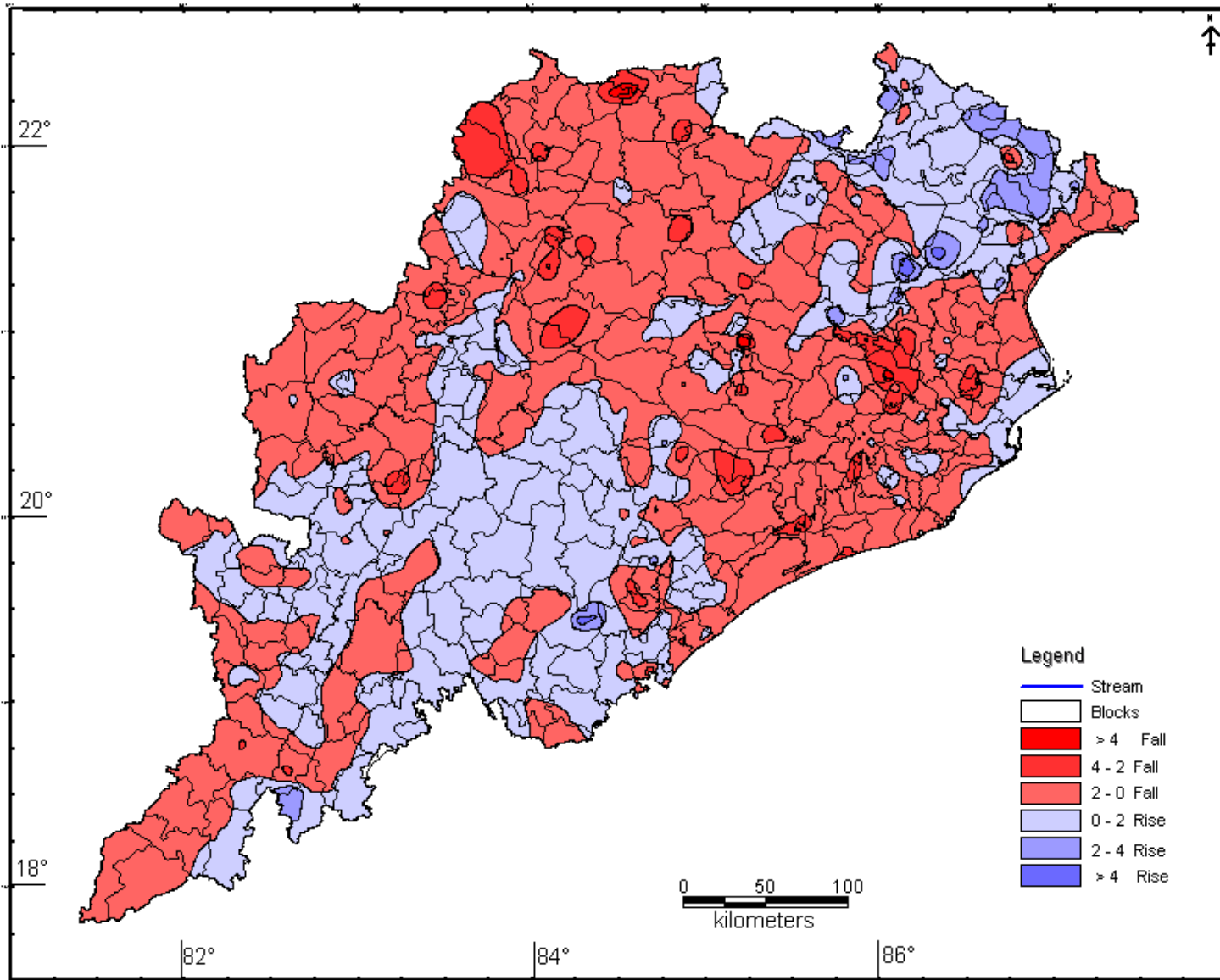


Table:-7.10

District wise Categorization of Change in Water Level
Aug – 12 – Aug – 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	42	19	23	0.02	4.38	0.07	8.4	17	40.5	1	2.4	1	2.4	19	45.2	3	7.1	1	2.4		
BALANGIR	25	11	14	0.05	1.98	0.12	1.63	11	44					14	56						
BALESHWAR	25	8	17	0.32	2.89	0.03	1.79	6	24	2	8			17	68						
BARGARH	30	9	21	0.04	1.4	0.02	2.57	9	30					19	63.3	2	6.7				
BAUDH	25	6	19	0.2	1.74	0.02	2.26	6	24					17	68	2	8				
BHADRAK	13	1	12	0.11	0.11	0.11	2.62	1	7.7					9	69.2	3	23.1				
CUTTACK	36	6	30	0.09	1.89	0.01	2.85	6	16.7					27	75	3	8.3				
DEBAGARH	4	0	4			0.13	2.62							3	75	1	25				
DHENKANAL	38	4	34	0.11	2.54	0.04	1.37	3	7.9	1	2.6			34	89.5						
GAJAPATI	7	3	4	1.83	5.04	0.07	0.31	1	14.3			2	28.6	4	57.1						
GANJAM	76	39	37	0.03	4.65	0.01	3.66	38	50			1	1.3	33	43.4	4	5.3				
JAGATSINGHA	14	5	9	0.14	1.35	0.43	1.65	5	35.7					9	64.3						
JAJAPUR	36	4	32	0.42	3.67	1.21	5.09	3	8.3	1	2.8			7	19.4	20	55.6	5	13.9		
JHARSUGUDA	8	0	8			0.49	2.84							7	87.5	1	12.5				
KALAHANDI	37	29	8	0	1.8	0.1	3.5	27	73					7	18.9	1	2.7				
KANDHAMAL	0	0	0																		
KENDRAPARA	12	5	7	0.19	1.25	0.13	1.23	5	41.7					7	58.3						
KENDUJHAR	55	23	32	0.01	4.97	0.1	1.5	19	34.5	3	5.5	1	1.8	32	58.2						
KHORDHA	20	0	20			0.48	3.61							13	65	7	35				
KORAPUT	34	17	17	0.01	3.95	0.07	2.32	16	47.1	1	2.9			15	44.1	2	5.9				
MALKANGIRI	11	0	11			0.02	1.35							11	100						
MAYURBHANJ	50	40	10	0.02	7.11	0.06	3.02	17	34	21	42	2	4	9	18	1	2				
NABARANGAPU	14	7	7	0	1.5	0.2	1.75	6	42.9					7	50						
NAYAGARH	15	1	14	2.23	2.23	0.24	3.68			1	6.7			11	73.3	3	20				
NUAPADA	10	5	5	0	0.28	0.09	1.98	4	40					5	50						
PURI	29	0	29			0.12	3.2							27	93.1	2	6.9				
RAYAGADA	10	5	5	0.07	1.87	0.11	0.8	5	50					5	50						
SAMBALPUR	35	2	33	0.21	0.28	0.01	4.33	2	5.7					27	77.1	5	14.3	1	2.9		
SONAPUR	23	14	9	0.36	2.46	0.22	2.09	10	43.5	4	17.4			8	34.8	1	4.3				
SUNDARGARH	28	1	27	0.05	0.05	0.06	6.47	1	3.6					21	75	4	14.3	2	7.1		
TOTAL	762	264	498	6.51	59.39			218	28.6	35	4.6	7	0.9	424	55.6	65	8.5	9	1.2		

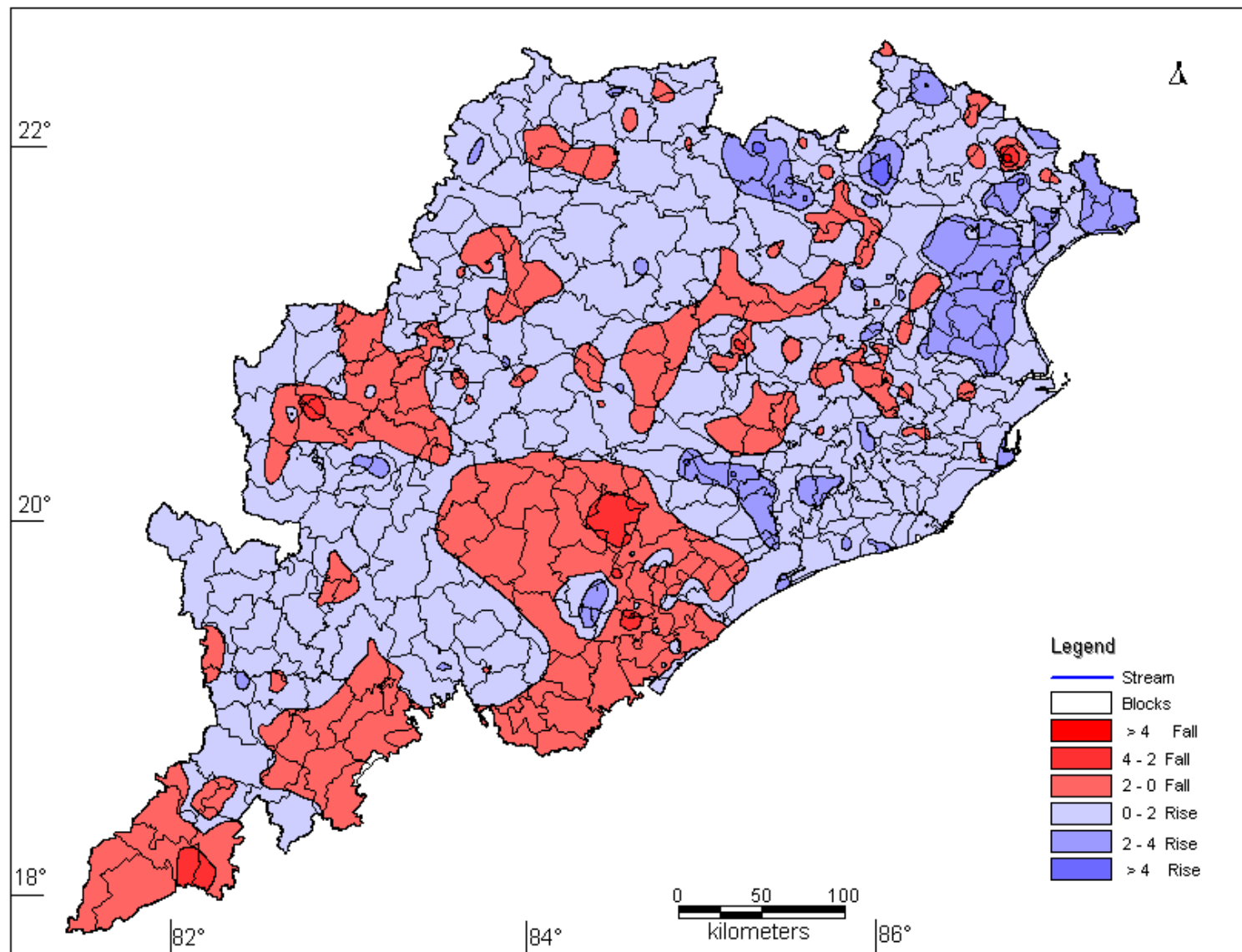


Table:-7.11

District wise Categorization of Change in Water Level
Nov – 12 – 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					
				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	42	24	18	0	2.6	0.08	3.4	21	50	2	4.8			16	38.1	2	4.8		
BALANGIR	37	21	16	0	3.08	0.17	3.52	18	48.6	2	5.4			13	35.1	3	8.1		
BALESHWAR	20	20	0	0.55	4.69			6	30	13	65	1	5						
BARGARH	30	19	11	0.02	1.61	0.06	1.17	19	63.3					11	36.7				
BAUDH	28	22	6	0.05	2	0.3	1.91	21	75	1	3.6			6	21.4				
BHADRAK	9	9	0	2.35	3.24					9	100								
CUTTACK	34	23	11	0.01	2.79	0.08	1.06	19	55.9	4	11.8			11	32.4				
DEBAGARH	5	5	0	0.3	2.22			4	80	1	20								
DHENKANAL	36	24	12	0.01	2.21	0.02	2.11	23	63.9	1	2.8			11	30.6	1	2.8		
GAJAPATI	9	1	8	2.89	2.89	0.01	1.86			1	11.1			8	88.9				
GANJAM	78	16	62	0.03	4.06	0.02	4.68	14	17.9	1	1.3	1	1.3	54	69.2	7	9	1	1.3
JAGATSINGHA	14	12	2	0.11	2.35	0.18	0.2	11	78.6	1	7.1			2	14.3				
JAJAPUR	37	23	14	0.04	4	0.09	2.33	19	51.4	3	8.1	1	2.7	13	35.1	1	2.7		
JHARSUGUDA	8	7	1	0	0.75	0.05	0.05	5	62.5					1	12.5				
KALAHANDI	34	27	7	0.1	2	0.1	1.6	26	76.5	1	2.9			7	20.6				
KANDHAMAL	0	0	0																
KENDRAPARA	12	11	1	0.29	1.91	0.08	0.08	11	91.7					1	8.3				
KENDUJHAR	59	38	21	0.05	4.47	0.12	1.34	25	42.4	11	18.6	2	3.4	21	35.6				
KHORDHA	20	19	1	0.03	3.22	0.48	0.48	13	65	6	30			1	5				
KORAPUT	36	23	13	0	3.2	0.05	2	17	47.2	2	5.6			12	33.3	1	2.8		
MALKANGIRI	11	2	9	0.05	0.05	0.05	2.85	2	18.2					8	72.7	1	9.1		
MAYURBHANJ	52	44	8	0.23	6.18	0.09	5.08	28	53.8	11	21.2	5	9.6	7	13.5			1	1.9
NABARANGAPU	14	12	2	0.08	2.6	0.25	0.8	11	78.6	1	7.1			2	14.3				
NAYAGARH	15	13	2	0.03	4.52	0.2	0.27	9	60	2	13.3	2	13.3	2	13.3				
NUAPADA	10	6	4	0.6	2.15	0.01	1.11	5	50	1	10			4	40				
PURI	31	30	1	0.17	3.5	0.02	0.02	26	83.9	4	12.9			1	3.2				
RAYAGADA	12	8	4	0.05	2.1	0.05	0.2	7	58.3	1	8.3			4	33.3				
SAMBALPUR	32	19	13	0.05	1.33	0.01	0.9	19	59.4					13	40.6				
SONAPUR	21	17	4	0.15	3.02	0.01	1.83	16	76.2	1	4.8			4	19				
SUNDARGARH	24	19	5	0.05	2.25	0.2	1.1	17	70.8	2	8.3			5	20.8				
TOTAL	770	514	256	8.29	80.99			412	53.5	82	10.6	12	1.6	238	30.9	16	2.1	2	0.3

7.3.3 NOVEMBER 2012 - NOVEMBER 2013

The district-wise categorisation of change in water level during November-2013 with respect to November-2012 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 2013 water level with that of November 2012 showed that 66.75% of the total stations showed a rise in water level. The rise is more in 0-2 m range ie 53.5%; 10.6% in 2-4 m range and 1.6% in greater than 4 m range. All the districts have recorded in 0-2m range. 2-4m range occurs in isolated patches throughout the state. Only 12 wells (1.6%) 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 33.2% NHS showed a fall in water level in November 2013. Out of which 30.9% wells showed fall in 0-2m range, 2.1% in 2-4m range and a minor 0.3% in greater than 4 m range. All the districts have recorded fall in the range of 0-2m except Baleshwar, Bhadrak, Debagarh, 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 Anugul, Balangir, Dhenkanal, Ganjam, Jajpur, Koraput, Malkangiri, districts. Greater than 4m fall in water level is found in very few isolated wells i.e., only 2 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 rise in water level during November 2013 with respect to November 2012.

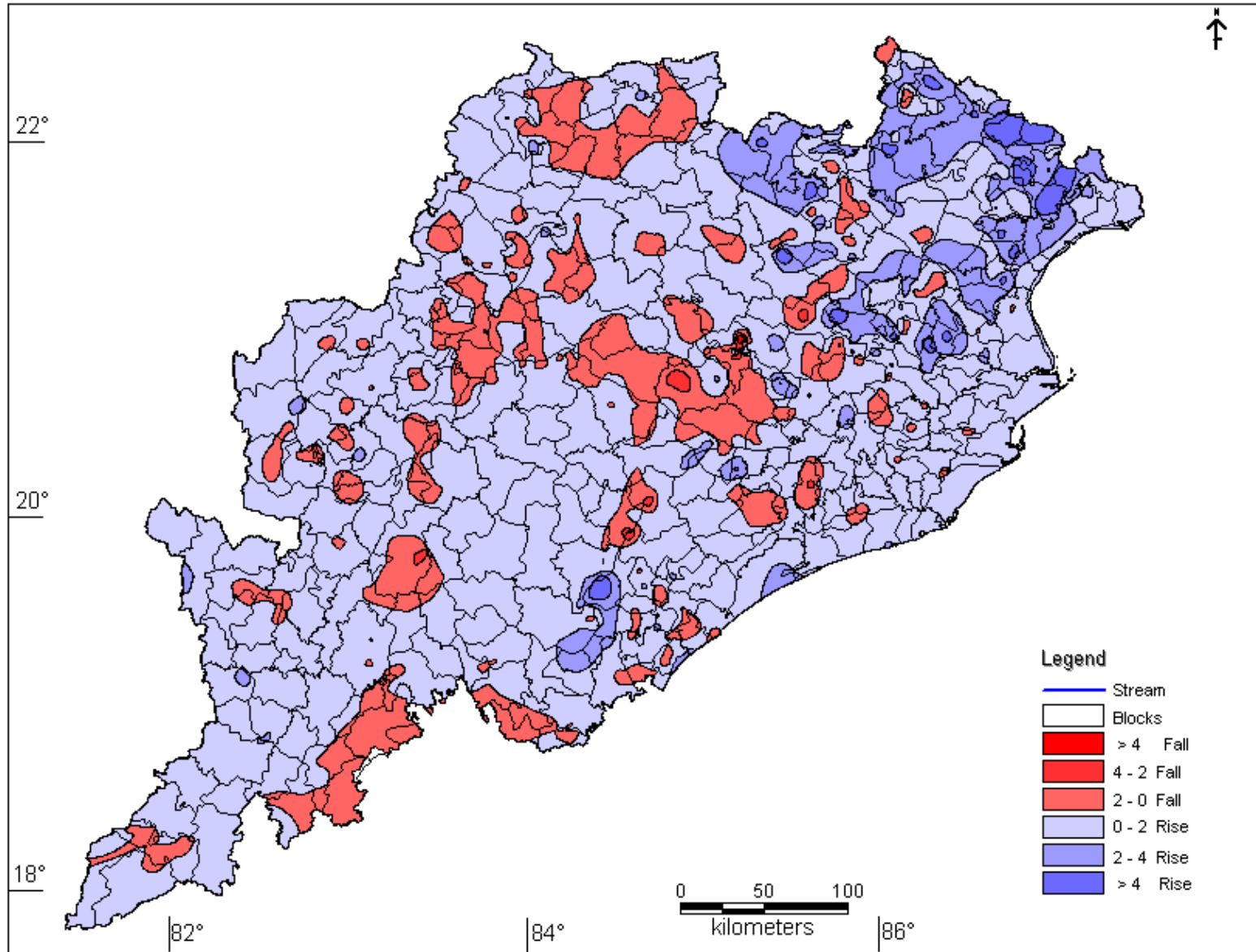


Table:-7.12

District wise Categorization of Change in Water Level
Jan – 13 – Jan – 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					
				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	45	24	21	0.26	2.87	0.16	6.67	23	51.1	1	2.2			17	37.8	2	4.4	2	4.4
BALANGIR	41	28	13	0.04	2.67	0.13	1.59	25	61	3	7.3			13	31.7				
BALESHWAR	34	34	0	0.59	5.69			10	29.4	19	55.9	5	14.7						
BARGARH	50	39	11	0.02	0.87	0.03	0.85	39	78					11	22				
BAUDH	33	20	13	0.12	2.01	0.08	3.46	19	57.6	1	3	11	33.3	2	6.1				
BHADRAK	20	17	3	0.68	5.61	0.09	0.26	9	45	6	30	2	10	3	15				
CUTTACK	49	40	9	0	3.49	0.05	1.88	38	77.6	1	2			9	18.4				
DEBAGARH	8	6	2	0.25	0.5	0.05	1	6	75					2	25				
DHENKANAL	40	29	11	0.01	4.07	0.12	2.83	25	62.5	3	7.5	1	2.5	9	22.5	2	5		
GAJAPATI	13	9	4	0.37	3	0.19	1.05	6	46.2	3	23.1	4	30.8						
GANJAM	77	51	26	0.04	6.61	0.02	4.43	44	57.1	5	6.5	2	2.6	24	31.2	1	1.3	1	1.3
JAGATSINGHAPUR	20	18	2	0.03	0.78	0.07	0.17	18	90					2	10				
JAJAPUR	35	30	5	0.12	5.92	0.1	0.6	21	60	6	17.1	3	8.6	5	14.3				
JHARSUGUDA	11	7	4	0.05	1.4	0.15	1.1	7	63.6					4	36.4				
KALAHANDI	43	32	11	0	3.6	0.05	2.75	29	67.4	1	2.3			10	23.3	1	2.3		
KANDHAMAL	0	0	0																
KENDRAPARA	18	17	1	0.02	1.85	0.48	0.48	17	94.4					1	5.6				
KENDUJHAR	76	54	22	0.05	6.64	0.13	1.83	28	36.8	21	27.6	5	6.6	22	28.9				
KHORDHA	27	25	2	0	1.45	0.3	2.8	24	88.9					1	3.7	1	3.7		
KORAPUT	46	41	5	0	3.9	0.1	0.66	32	69.6	4	8.7			5	10.9				
MALKANGIRI	15	12	3	0.05	1.65	0.1	1.85	12	80					3	20				
MAYURBHANJ	70	63	7	0.03	10.77	0.08	1.28	28	40	22	31.4	13	18.6	7	10				
NABARANGAPUR	19	17	2	0	2.2	0.15	0.8	14	73.7	1	5.3			2	10.5				
NAYAGARH	23	18	5	0.05	4.27	0.05	1.76	14	60.9	3	13	1	4.3	5	21.7				
NUAPADA	17	12	5	0.15	2.86	0.1	1.22	10	58.8	2	11.8			5	29.4				
PURI	44	42	2	0	3.03	0.45	1.28	39	88.6	2	4.5			2	4.5				
RAYAGADA	15	10	5	0.15	2.05	0.05	0.24	9	60	1	6.7			5	33.3				
SAMBALPUR	49	32	17	0	2.55	0.1	3.1	30	61.2	1	2			16	32.7	1	2		
SONAPUR	30	9	21	0.13	1.02	0.01	1.72	9	30					21	70				
SUNDARGARH	37	21	16	00	3.4	0.05	1.8	17	45.9	2	5.4			16	43.2				
TOTAL	1005	757	248	3.21	96.73			602	59.9	108	10.7	32	3.2	235	23.4	10	1.0	3	0.3

7.3.4 JANUARY 2013 – JANUARY 2014

The district-wise categorisation of change in water level during January-2014 with respect to that of January-2013 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 2014 water level with that of January 2013 showed that 75.3% of the total stations showed a rise in water level. The rise is more in 0-2 m range i.e 59.9%; All the districts have recorded rise in 0-2m range the districts namely Kendrapara (94.4%), Jagatsinghapur (90%), Khordha (88.9%), Puri (88.6%), Malkangiri (80%), Cuttack (77.6%) Debagarh (75.0%) Nabarangapur (73.7%) have recorded rise in this range in 70% wells. 10.7% wells in 2- 4 m range, occurs in isolated patches throughout the state. 3.2 % 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 24.6% NHS showed a fall in water level in January 2014. Out of all stations, 23.4% wells showed fall in 0-2m range, 1% in 2-4m range and a minor 0.3 % in greater than 4 m range. Fall in 0-2m range is found in isolated wells in the state with maximum of 43.2% in Sundargarh and minimum of 3.7% in Khordha district showing water level fall in this range. Greater than 4m fall in water level is found in only one well in Ganjam district and two numbers in Anugul district.

In general, majority of wells in the state recorded a rise in water level during January 2014 with respect to January 2013.

7.4 FLUCTUATION WITH RESPECT TO PRE-MONSOON WATER LEVEL

7.4.1 APRIL 2013- AUGUST 2013

The district-wise categorisation of water level fluctuation of April-2013 with respect to August-2013 has been given in **table 7.13** and rise / fall map has been presented in **Plate 7.13**.

Rise in water level

98.4 % of the wells monitored in August 2013 showed a rise in water level when compared with that of April 2013 (Pre-monsoon). 33.5% of wells showed rise in 0-2 m range, 37.6% in 2-4 m range,

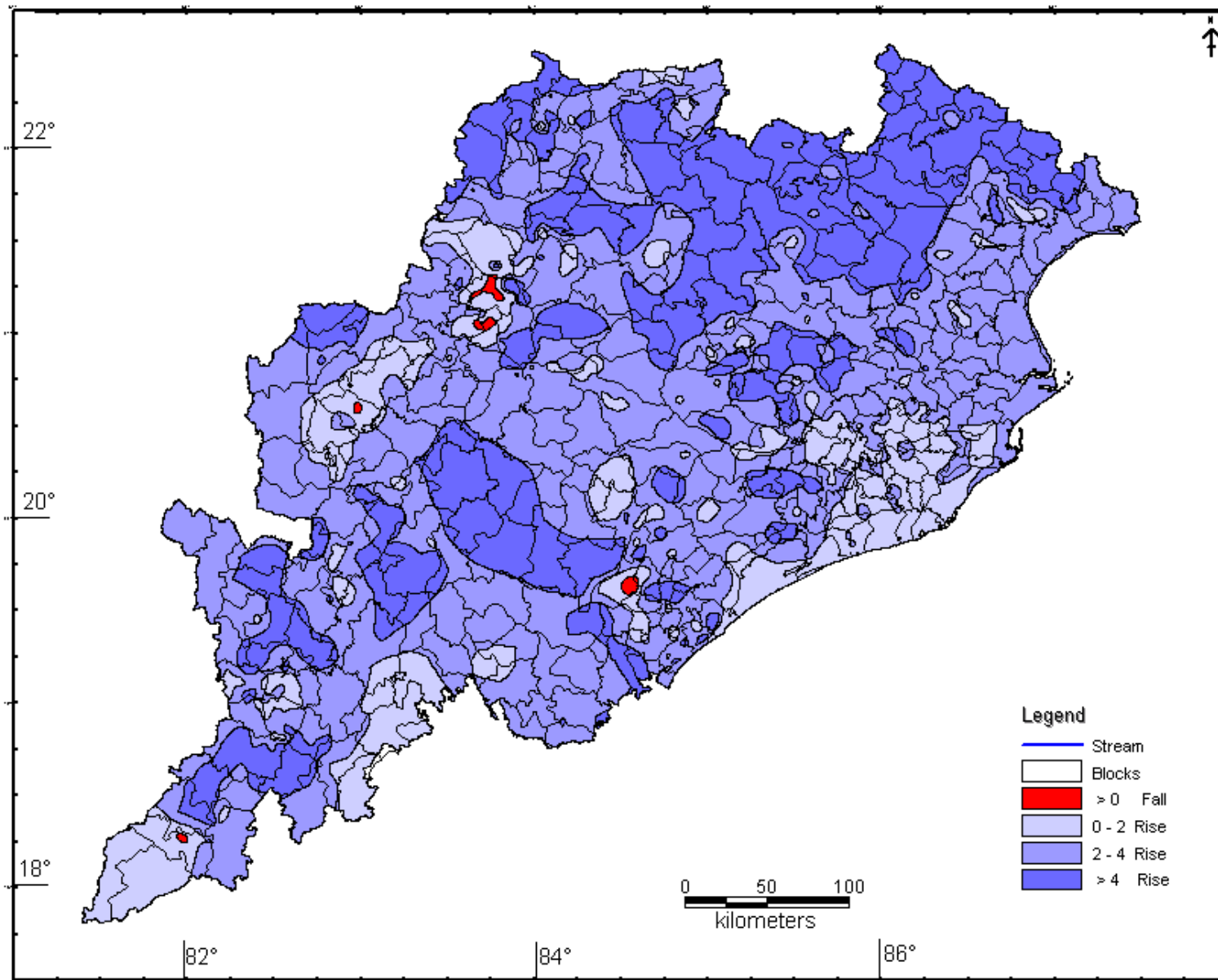


Table:-7.13

District wise Categorization of Change in Water Level
Apr – 13 – Aug– 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					
				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	45	45	0	0.15	8.53			10	22.2	16	35.6	19	42.2						
BALANGIR	38	37	1	1.18	4.17	0.5	0.5	11	28.9	25	65.8	1	2.6	1	2.6				
BALESHWAR	32	32	0	1.21	4.32			4	12.5	27	84.4	1	3.1						
BARGARH	50	44	6	0.03	8.24	0.05	0.49	23	46	10	20	11	22	6	12				
BAUDH	33	33	0	1.03	4.9			12	36.4	19	57.6	2	6.1						
BHADRAK	21	21	0	1.59	3.81			4	19	17	81								
CUTTACK	76	76	0	0.33	5.28			34	44.7	37	48.7	5	6.6						
DEBAGARH	5	5	0	0.5	6.3			1	20	1	20	3	60						
DHENKANAL	41	41	0	0.25	9.51			4	9.8	17	41.5	20	48.8						
GAJAPATI	14	14	0	1.75	7.56			3	21.4	5	35.7	6	42.9						
GANJAM	81	80	1	0.05	6.65	1.63	1.63	24	29.6	30	37	26	32.1	1	1.2				
JAGATSINGHA	21	21	0	1.25	3.2			14	66.7	7	33.3								
JAJAPUR	23	23	0	0.59	6.09			3	13	14	60.9	6	26.1						
JHARSUGUDA	12	12	0	0.95	5.45			2	16.7	6	50	4	33.3						
KALAHANDI	40	38	2	0.8	6.4	0.05	0.2	6	15	16	40	16	40	2	5				
KANDHAMAL	0	0	0																
KENDRAPARA	18	18	0	1	3.1			8	44.4	10	55.6								
KENDUJHAR	61	61	0	1.05	9.35			3	4.9	17	27.9	41	67.2						
KHORDHA	70	69	1	0.05	7.92	1.06	1.06	40	57.1	18	25.7	11	15.7	1	1.4				
KORAPUT	42	41	1	0.03	8.87	0.17	0.17	14	33.3	17	40.5	10	23.8	1	2.4				
MALKANGIRI	13	12	1	1.4	6.85	0.32	0.32	3	23.1	5	38.5	4	30.8	1	7.7				
MAYURBHANJ	65	65	0	1.15	15.9			6	9.2	9	13.8	50	76.9						
NABARANGAPU	17	17	0	1.7	7.4			2	11.8	4	23.5	11	64.7						
NAYAGARH	25	25	0	0.82	3.74			7	28	18	72								
NUAPADA	17	17	0	0.69	5.6			7	41.2	8	47.1	2	11.8						
PURI	76	75	1	0	2.96	0.9	0.9	65	85.5	9	11.8			1	1.3				
RAYAGADA	13	13	0	0.27	4.1			5	38.5	7	53.8	1	7.7						
SAMBALPUR	47	46	1	0.25	6.2	0.06	0.06	9	19.1	20	42.6	17	36.2	1	2.1				
SONAPUR	33	30	3	0.08	6.28	0.02	0.52	12	36.4	11	33.3	7	21.2	3	9.1				
SUNDARGARH	74	74	0	0.25	9.7			34	45.9	15	20.3	25	33.8						
TOTAL	1103	1085	18	20.4	188.3			370	33.5	415	37.6	299	27.1	18	1.6				

and 27.1 % rise in the range of more than 4m. A maximum of 44.9% of wells in Cuttack district and a minimum of 9.5% in Jagatsinghpur district recorded a rise in the range of 0-2m. A maximum of 84.4% of wells in Baleswar and a minimum of 11.8% 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. 1.6 % of wells shows fall in the range of 0-2 m and only 0% shows fall between 2-4m.

Fall in water level

Only 1.6% of the wells monitored showed a fall in water level. 1.6% 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, Malkangiri and Sonapur districts. 0% 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 2013 with respect to April 2013 and majority of wells recorded a greater than 4 m rise because of recharge of aquifer due to monsoon rainfall.

7.4.2 APRIL 2013 - NOVEMBER 2013

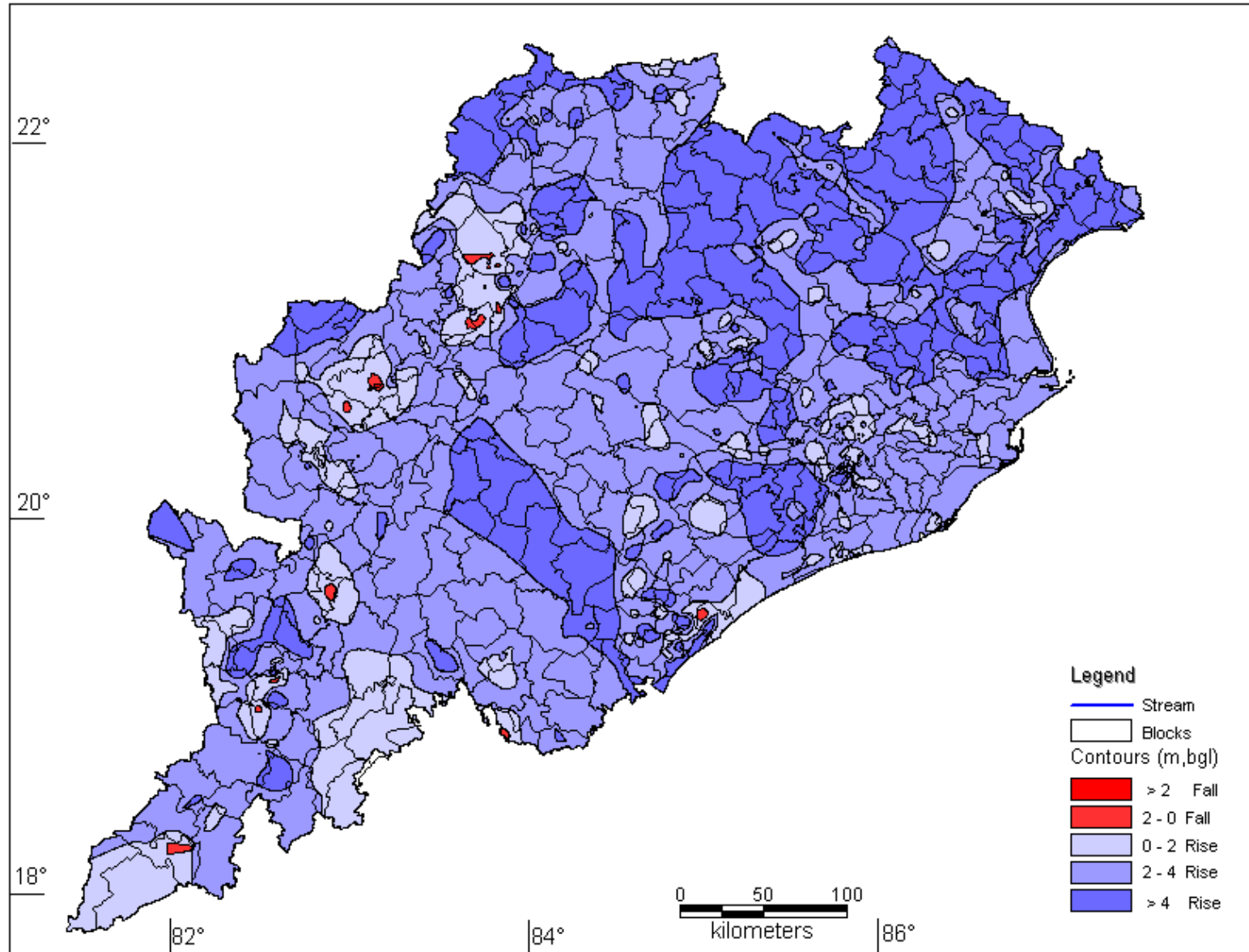
The district-wise categorisation of water level fluctuation of November 2013 with respect to April-2013 has given in **table 7.14** has been shown in **Plate :- 7.14** .

Rise in water level

96.6 % of the wells monitored in November 2013 showed a rise in water level when compared with that of April 2013 (Pre-monsoon). 26.3% of wells showed rise in 0-2 m range, 42.1% in 2-4 m range and 28.1 % rise in the range of more than 4m. A maximum of 44.9% of wells in Cuttack district and a minimum of 9.5% in Jagatsinghpur district recorded a rise in the range of 0-2m. A maximum of 80.7% of wells in Jagatsinghpur and a minimum of 19.2% in Bargarh 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. 3.2 % of wells shows fall in the range of 0-2 m and only 0.1% shows fall between 2-4m.

Fall in water level

Only 3.30% of the wells monitored showed a fall in water level. 3.2% 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. only 0.1% i.e. 1 well in the state showed fall in water level in 2-4 m patches



District wise Categorization of Change in Water Level
Apr – 13 – Nov– 13 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					
				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	45	45	0	0.55	11.2			7	15.6	18	40	20	44.4						
BALANGIR	41	39	2	0.48	4.04	0.47	3.32	15	36.6	23	56.1	1	2.4	1	2.4	1	2.4		
BALESHWAR	30	30	0	2.43	6.93					10	33.3	20	66.7						
BARGARH	52	39	13	0	7	0.04	1.04	17	32.7	10	19.2	11	21.2	13	25				
BAUDH	33	33	0	0.73	4.95			5	15.2	24	72.7	4	12.1						
BHADRAK	20	20	0	2.38	5.58					10	50	10	50						
CUTTACK	78	75	3	0.04	6.59	0.05	0.33	35	44.9	33	42.3	7	9	3	3.8				
DEBAGARH	6	6	0	3.1	5.25					2	33.3	4	66.7						
DHENKANAL	39	39	0	0.23	9.21			4	10.3	21	53.8	14	35.9						
GAJAPATI	16	15	1	2.2	7.13	0.36	0.36			9	56.3	6	37.5	1	6.3				
GANJAM	83	82	1	0.06	8.39	1.15	1.15	25	30.1	28	33.7	29	34.9	1	1.2				
JAGATSINGHA	21	21	0	1.62	4.17			2	9.5	18	85.7	1	4.8						
JAJAPUR	22	22	0	2.47	7.19					11	50	11	50						
JHARSUGUDA	12	12	0	0.75	4			2	16.7	9	75	1	8.3						
KALAHANDI	39	36	3	0.65	5.5	0.05	0.8	10	25.6	19	48.7	7	17.9	3	7.7				
KANDHAMAL	0	0	0																
KENDRAPARA	18	18	0	1.6	3.62			3	16.7	15	83.3								
KENDUJHAR	64	64	0	0.7	8.14			14	21.9	20	31.3	30	46.9						
KHORDHA	72	72	0	0.15	8.6			22	30.6	29	40.3	21	29.2						
KORAPUT	44	39	5	0.1	7.8	0.05	0.75	15	34.1	17	38.6	7	15.9	5	11.4				
MALKANGIRI	13	11	2	1.2	4.2	0.1	1.2	3	23.1	6	46.2	2	15.4	2	15.4				
MAYURBHANJ	67	67	0	0.75	14.32			8	11.9	14	20.9	45	67.2						
NABARANGAPU	18	18	0	0.3	7.35			4	22.2	6	33.3	8	44.4						
NAYAGARH	23	23	0	0.22	7.3			9	39.1	9	39.1	5	21.7						
NUAPADA	17	17	0	0.38	5.01			5	29.4	10	58.8	2	11.8						
PURI	77	77	0	0.77	4.33			28	36.4	48	62.3	1	1.3						
RAYAGADA	16	16	0	0.25	4.7			7	43.8	7	43.8	2	12.5						
SAMBALPUR	47	46	1	0.24	6.2	0.03	0.03	11	23.4	17	36.2	18	38.3	1	2.1				
SONAPUR	33	28	5	0.08	5.53	0.01	0.49	11	33.3	11	33.3	6	18.2	5	15.2				
SUNDARGARH	74	73	1	0.1	9.5	0.25	0.25	33	44.6	18	24.3	22	29.7	1	1.4				
TOTAL	1120	1083	37	24.53	193.7			295	26.3	472	42.1	315	28.1	36	3.2	1	0.1		

In general as it should be, a rise in water level is observed throughout the state during November 2013 with respect to April 2013 and majority of wells recorded 2- 4 m rise because of recharge of aquifer due to monsoon rainfall.

7.4.3 APRIL 2013 – JANUARY 2014

The district-wise categorisation of water level fluctuation of January 2014 with respect to April-2013 has been given in **table 7.15** and has been presented in **Plate 7.15**.

Rise in water level

92.22% of the wells monitored in January 2014 showed a rise in water level when compared with that of April 2013 (Pre-monsoon). 48% of wells showed rise in 0-2 m range. 32% in 2-4 m range and 12 % rise in the range of more than 4m. A maximum of 94.7% of wells in Kendrapara and Jagatsinghapur district and a minimum of 6.3 % in Gajapati district recorded a rise in the range of 0-2m. A maximum of 63.6% of wells in Jajpur and a minimum of 5.3% in Jagatsinghapur district recorded rise in the range of 2 – 4m. The percentage of wells falling in greater than 4 m range varies from 44.8% in Baleshwar district to 2.3% in Koraput district.

Fall in water level

Only 7.76% of the wells monitored showed a fall in water level. 6.9% of wells showed fall in 0-2 m range. The fall in 0-2m range is seen in adequate number of wells in Bargarh, Sonapur, Malkangiri, Debagarh and Koraput districts. Only 6.9% wells in the state showed fall in water level in 2-4 m patches and 0.1% i.e., only 1 well in Koraput district recorded fall in the range of greater than 4 m .

In general as it should be, a rise in water level is observed throughout the state during January 2014 with respect to April 2013 and majority of wells recorded in 0-2m rise category.

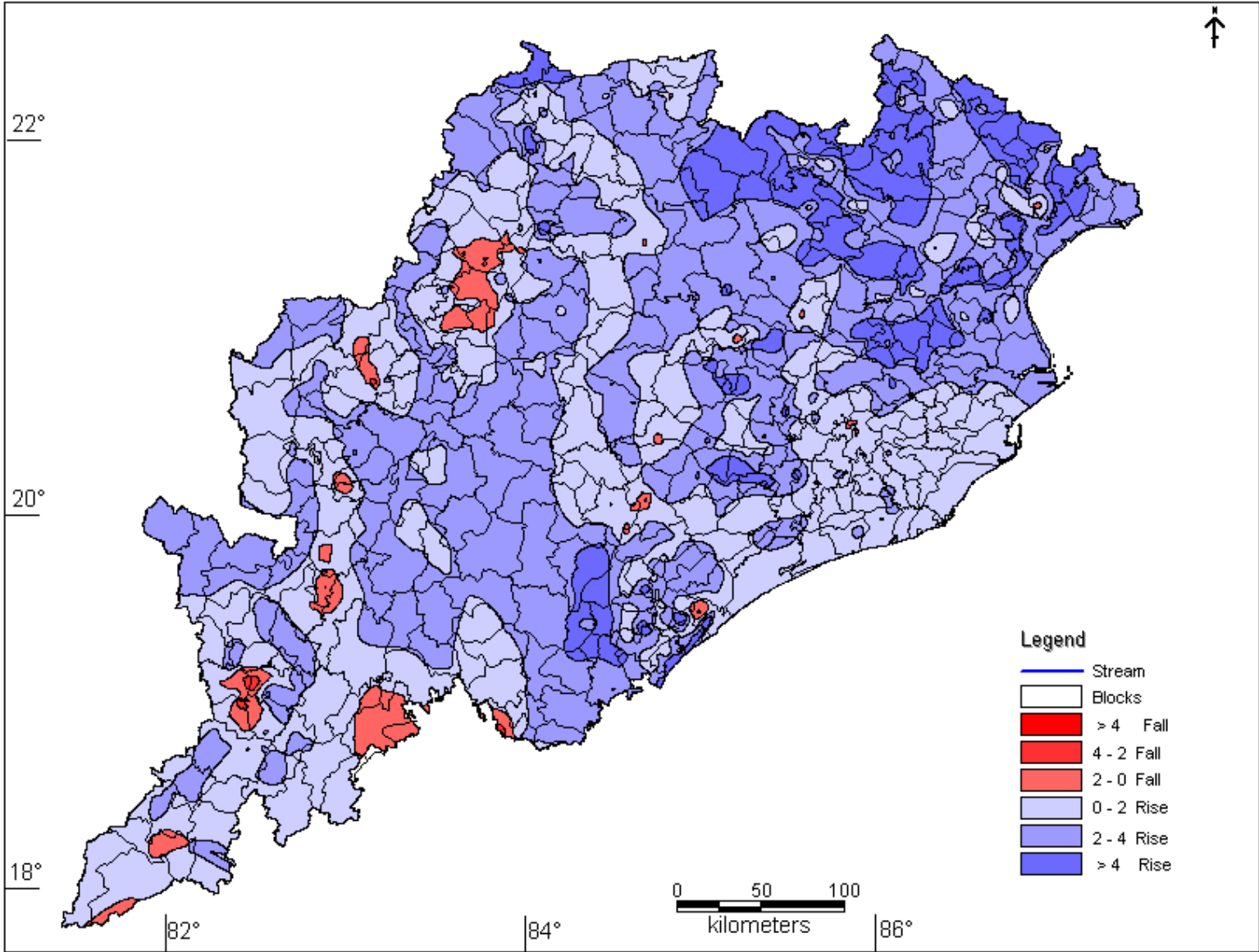


Table:-7.15

District wise Categorization of Change in Water Level
Apr – 13 – Jan– 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					
				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	46	45	1	0.07	8.55	0.87	0.87	15	32.6	25	54.3	5	10.9	1	2.2				
BALANGIR	39	38	1	0.11	4.13	3.72	3.72	14	35.9	22	56.4	2	5.1			1	2.6		
BALESHWAR	29	29	0	0.9	6.03			2	6.9	14	48.3	13	44.8						
BARGARH	52	27	25	0.04	3.85	0.03	2.83	19	36.5	8	15.4			22	42.3	3	5.8		
BAUDH	31	31	0	0.29	4.46			13	41.9	16	51.6	2	6.5						
BHADRAK	21	21	0	1.29	6.22			2	9.5	12	57.1	7	33.3						
CUTTACK	75	70	5	0.04	4.25	0.15	0.84	59	78.7	9	12	2	2.7	5	6.7				
DEBAGARH	7	6	1	1.75	4	0.3	0.3	1	14.3	4	57.1	1	14.3	1	14.3				
DHENKANAL	41	40	1	0.05	7.78	0.34	0.34	16	39	19	46.3	5	12.2	1	2.4				
GAJAPATI	16	15	1	1.2	4.75	2.45	2.45	1	6.3	9	56.3	5	31.3			1	6.3		
GANJAM	82	74	8	0.03	7.07	0.02	2.23	31	37.8	28	34.1	15	18.3	6	7.3	2	2.4		
JAGATSINGHAPUR	19	19	0	0.5	2.3			18	94.7	1	5.3								
JAJAPUR	22	22	0	2.02	6.78					14	63.6	8	36.4						
JHARSUGUDA	12	12	0	0.3	2.25			6	50	6	50								
KALAHANDI	41	35	6	0	3.75	0.1	2.05	18	43.9	16	39			5	12.2	1	2.4		
KANDHAMAL	0	0	0																
KENDRAPARA	19	19	0	0.07	2			18	94.7	1	5.3								
KENDUJHAR	63	63	0	0.09	8.08	20	31.7	19	30.2	24	38.1								
KHORDHA	71	66	5	0.1	5.25	0.05	0.25	50	70.4	14	19.7	2	2.8	5	7				
KORAPUT	44	36	8	0	4.7	0.2	4.55	25	56.8	8	18.2	1	2.3	6	13.6	1	2.3	1	2.3
MALKANGIRI	13	11	2	0.55	2.6	0.95	1	8	61.5	3	23.1			2	15.4				
MAYURBHANJ	67	65	2	0.17	13.52	0.13	0.41	10	14.9	24	35.8	31	46.3	2	3				
NABARANGAPU R	18	18	0	0.3	3.8			7	38.9	11	61.1								
NAYAGARH	25	24	1	0.39	7.52	0.3	0.3	8	32	13	52	3	12	1	4				
NUAPADA	17	17	0	0.06	4.36			10	58.8	6	35.3	1	5.9						
PURI	80	80	0	0.12	3.18			72	90	8	10								
RAYAGADA	16	16	0	0.05	2.85			11	68.8	5	31.3								
SAMBALPUR	48	44	4	0.03	5.15	0.07	1.11	27	56.3	15	31.3	2	4.2	4	8.3				
SONAPUR	32	20	12	0.17	3.71	0.15	1.46	13	40.6	7	21.9			12	37.5				
SUNDARGARH	74	70	4	0.05	8.7	0.1	1.3	44	59.5	21	28.4	5	6.8	4	5.4				
TOTAL	1120	1033	87	10.74	151.5			538	48	358	32	134	12	77	6.9	9	0.8	1	0.1

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 2013. 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	BLOCK	VILLAGE	EC
ANUGUL	ANUGUL	Bantala	2050
ANUGUL	ANUGUL	Barhabahal	2000
BARGARH	BARAPALI	Kusanpur	2300
DHENKANAL	ODAPADA	Dhaulpur	3220
DHENKANAL	PARAJANG	Singhada	2030
JAGATSINGHAPUR	ERSAMA	Balituth	4700
KALAHANDI	GOLAMUNDA	Daspur	3000
KALAHANDI	JUNAGARH	Badbasul	2700
KALAHANDI	JAYAPATNA	Bijamara	2200
KALAHANDI	KOKASARA	Koksara	2020
KENDRAPARA	MAHAKALA PADA	Mahakalpara	4100
KENDRAPARA	MARSA GHAI	Chatua	3500
KHORDHA	BALIPATANA	Odakhanda	2000
NAYAGARH	NAYAGARH	Nayagarh	5500
PURI	GOP	Madrang	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	BLOCK	VILLAGE	CHLORIDE
ANUGUL	ANUGUL	Barhabahal	280.45
ANUGUL	ANUGUL	Bantala	255.6
BARGARH	BARAPALI	Kusanpur	624.8
BARGARH	BHATLI	Katapali	362.1
BAUDH	HARBHANGA	Boudh	337.25
DHENKANAL	ODAPADA	Dhaulpur	362.1
DHENKANAL	PARAJANG	Parjang	298.2
DHENKANAL	PARAJANG	Singhada	252.05
JAGATSinghapur	ERSAMA	Balituth	1057.9
JAJAPUR	DHARMASALA	Hatibari	284
KALAHANDI	GOLAMUNDA	Daspur	560.9
KALAHANDI	JAYAPATNA	Bijamara	514.75
KALAHANDI	KOKASARA	Koksara	372.75
KALAHANDI	JAYAPATNA	Jaipatna	323.05
KALAHANDI	JUNAGARH	Mahichala	323.05
KENDRAPARA	MAHAKALA PADA	Mahakalpara	1167.95
KENDRAPARA	MARSA GHAI	Chatua	1008.2
KENDUJHAR	JHUMPURA	Karanjia	323.05
KHORDHA	BHUBANESWAR	Kuha	394.05
KHORDHA	BALIPATANA	Odakhanda	323.05
NAYAGARH	NAYAGARH	Nayagarh	1331.25
NAYAGARH	NAYAGARH	Purusottampur	323.05
NUAPADA	KHARIAR	Lachhipur	276.9
PURI	GOP	Madrang	603.5
PURI	BRAHMAGIRI	Brahmagiri	284
PURI	SATYABADI	Sadanandapur	284
PURI	GOP	Marad	266.25
SAMBALPUR	JUJOMURA	Mundher	355
SAMBALPUR	JUJOMURA	Maneswar	351.4
SONAPUR	ULUNDA	Phulmuthi	273.35

The distribution of fluoride in shallow aquifer show that Angul, Bargarh, Bhadrak, Boudh, Dhenkanal, Jagatsinghpur, Kalahandi, Khurdha, Kendrapara, 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

Table 8.3 Location of wells having high fluoride (>1.0 mg/L)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	FLUORIDE
ANUGUL	TALACHER	Sendhogram	3.8
ANUGUL	ANUGUL	Barhabahal	2.32
ANUGUL	ANUGUL	Bantala	2.23
ANUGUL	KANIHA	Samal	1.7
ANUGUL	BANARPAL	Kuio	1.2
ANUGUL	BANARPAL	Bhogabereni	1.07
ANUGUL	TALACHER	Balanda	1.07
ANUGUL	BANARPAL	Tulsipal	1.03
BALESHWAR	BASTA	Basta	1.08
BARGARH	BHEDEN	Satlama	1
BAUDH	HARBHANGA	Harbanga	1.1
BHADRAK	DHAMANAGAR	Betaligaon	1.15
BHADRAK	BHANDARIPOKHARI	Puriparabenipur	1.13
BHADRAK	DHAMANAGAR	Kothar	1.01
CUTTACK	SALEPUR	Padmapur	1.36
DEBAGARH	TILEIBANI	Rengalbeda	1.81
DHENKANAL	ODAPADA	Baulpur	1.23
DHENKANAL	PARAJANG	Singhada	1.08
JAJAPUR	BADACHANA	Haridaspur	1.2
JHARSUGUDA	LAKHANPUR	Katarbaga	1.07
KALAHANDI	JUNAGARH	Baldiamal	1.31
KALAHANDI	JUNAGARH	Badbasul	1.26
KENDUJHAR	GHASIPURA	Ramchandrapur	1.39
KHORDHA	BHUBANESWAR	Kuha	1.02
NUAPADA	BODEN	Boden	2.19
SAMBALPUR	DHANKAUDA	Jamadarpali	1.88
SAMBALPUR	JUJOMURA	Gorupali	1.78
SAMBALPUR	DHANKAUDA	Hirakud	1.2
SAMBALPUR	MANESWAR	Parmanpur	1.15
SAMBALPUR	MANESWAR	Chiplima	1
SONAPUR	ULUNDA	Ulunda	1.91
SONAPUR	BIRAMAHARAJPUR	Biramaharajpur	1.85
SONAPUR	BINIKA	Koiramunda	1.57
SONAPUR	SONEPUR	Khari	1.56
SONAPUR	DUNGURIPALI	Chandajhuri	1.44
SUNDARGARH	BISRA	Bondamunda	1.79
SUNDARGARH	KUANRMUNDA	Kuarmunda	1.69
SUNDARGARH	NUAGAON	Birmitrapur	1.52
SUNDARGARH	BARAGAON	Ekma	1.49
SUNDARGARH	SUBDEGA	Alikera	1.14

ANNEXURE - I

Annexure-I				
DISTRICT :ANGUL				
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
ATHMALLIK	Tileswar	20°53'7" N	84°37'22" E	Dug Well
PALALAHADA	Jamardihi	21°30'2" N	85°15'26" E	Dug Well
CHHENDIPADA	Katada	20°54'24" N	84°49'14" E	Dug 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
ANUGUL	Jarpada	20°52'48" N	85°10'4" E	Bore Well
ANUGUL	Derjung	20°50'18" N	85°2'8" E	Bore Well
ANUGUL	Maratira	20°49'31" N	84°58'25" E	Bore Well
ATHMALLIK	Thakurgarh	20°48'48" N	84°38'5" E	Dug Well
ANUGUL	Panchmahala-li	20°48'12" N	85°0'28" E	Bore Well
ANUGUL	Bantala-li	20°44'30" N	85°3'56" E	Bore Well
ATHMALLIK	Attamallick	20°43'18" N	84°31'55" E	Dug Well
ANUGUL	Jagannathpur	20°43'16" N	84°52'10" E	Dug Well
ANUGUL	Purnakot	20°38'45" N	84°50'10" 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
KANIHA	Seepur	21°10'32" N	85°9'23" E	Bore Well
KANIHA	Pabitrannagar	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	Kishorenagar	20°57'34" N	84°28'23" E	Bore Well
PALALAHADA	Srirampur	21°23'40" N	85°9'4" E	Dug Well
ANUGUL	Tikarpara-ii	20°35'54" N	84°47'15" E	Dug Well
ANUGUL	Tikarpara	20°35'54" N	84°47'15" 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
CHHENDIPADA	Kosala	21°0'27" N	84°56'56" 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

ANUGUL	Tubey	20°48'50" N	84°59'58" E	Dug Well
BANARPAL	Tulsipal	20°48'13" N	85°11'12" 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	Angul	20°50'20" N	85°5'58" 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	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
CHHENDIPADA	Jharpada	20°52'35" N	84°52'55" E	Dug Well
ANUGUL	Barhabahal	20°45'18" N	85°6'0" E	Dug Well
ANUGUL	Bantala	20°44'35" N	85°3'47" 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
BANARPAL	Mahidharpur	20°41'15" N	85°11'8" E	Dug Well
	DISTRICT_NAME	BALANGIR		
LOISINGA	Loisinga	20°50'57" N	83°30'41" E	Dug Well
KHAPRAKHOL	Phulkimunda	20°42'38" N	82°49'4" E	Dug Well
TITLAGARH	Kurusur	20°11'20" N	82°57'20" 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°52'25" N	83°30'57" E	Dug Well
KHAPRAKHOL	Harisankar	20°50'55" N	82°51'55" E	Dug Well
PUINTALA	Chhatamakhan	20°47'10" N	83°29'57" 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
BALANGIR	Padampur	20°44'4" N	83°34'45" 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
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	Patnagarh	20°42'15" N	83°8'5" E	Dug Well
BALANGIR	Bolangir-1	20°41'55" N	83°28'53" E	Dug Well
BALANGIR	Balangir	20°41'55" N	83°28'53" E	Bore 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	Atgan	20°40'4" N	83°31'30" 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	Agalpur	21°0'44" N	83°24'30" 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
MURIBAHAL	Haladia	20°20'33" N	83°2'42" 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
TITLAGARH	Titlagarh	20°17'18" N	83°9'23" E	Dug Well
TITLAGARH	Kholan	20°13'57" N	83°4'39" E	Dug Well
BANGOMUNDA	Sindhikela	20°13'42" N	82°56'23" E	Dug Well
BALANGIR	Sikachhira	20°37'32" N	83°24'21" E	Dug Well
BELPARA	Lathor	20°37'30" N	82°45'55" E	Dug Well
BELPARA	Belpara	20°35'22" N	82°58'18" E	Dug Well
DEOGAON	Deogan	20°32'55" N	83°25'12" E	Dug Well
TUREKELA	Salandi	20°31'24" N	82°55'38" 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
TUREKELA	Kantabanji	20°28'45" N	82°55'40" E	Dug Well
TUREKELA	Kantabhanji	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°26'46" N	83°21'46" E	Dug Well
MURIBAHAL	Muribahal	20°23'5" N	83°0'45" E	Dug Well
	DISTRICT_NAME	BALESHWAR		
SORO	Lingapada	21°16'45" N	86°41'8" E	Dug Well
BALIAPAL	Baliapal	21°38'51" N	87°16'54" E	Dug Well
BHOGRAI	Bhograi	21°39'27" N	87°21'18" E	Dug Well
JALESWAR	Rajnagar	21°57'5" N	87°13'23" E	Dug Well
JALESWAR	Raibania	21°54'29" N	87°11'51" E	Dug Well
JALESWAR	Mahamadnagarpat	21°47'6" N	87°11'20" 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
BAHANAGA	Bahanga	21°20'22" N	86°45'54" E	Dug Well
BAHANAGA	Sathi	21°19'48" N	86°47'18" E	Dug Well
OUPADA	Oupada	21°19'42" N	86°30'38" E	Dug Well
NILAGIRI	Chekamara	21°19'17" N	86°40'13" E	Dug Well
SORO	Baghudi	21°18'32" N	86°39'12" E	Dug Well
KHAIRA	Khaira	21°17'53" N	86°26'57" E	Dug Well
SORO	Tudigada	21°17'35" N	86°35'52" E	Dug Well
OUPADA	Tenda	21°27'54" N	86°42'19" E	Dug Well
OUPADA	Jhomghati	21°27'51" N	86°43'30" E	Dug Well
NILAGIRI	Baband	21°27'32" N	86°43'47" E	Dug Well
BALESHWAR	Chandipur	21°27'15" N	87°1'15" E	Dug Well
BALESHWAR	Saragaon	21°26'27" N	86°55'42" E	Dug Well
NILAGIRI	Kansa	21°34'54" N	86°45'37" 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	Rupsa	21°37'42" N	87°1'0" 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
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
NILAGIRI	Siadimal	21°27'56" N	86°44'6" E	Dug Well
OUPADA	Dasarathipur Sasan	21°24'43" N	86°44'43" E	Dug Well
BAHANAGA	Khontopara	21°24'20" N	86°48'45" E	Dug Well
SORO	Soro	21°16'30" N	86°41'30" E	Dug Well
KHAIRA	Kupari	21°15'58" N	86°25'58" E	Dug Well
JALESWAR	Nuapada(luhapad	21°52'1" N	87°7'11" E	Dug Well
BASTA	Basta	21°40'22" N	87°4'10" E	Dug Well
	DISTRICT_NAME	BARGARH		
BARGARH	Kharmanda	21°26'21" N	83°40'55" 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	Sarala	21°23'56" N	83°39'20" E	Dug Well
SOHELA	Garbhana	21°17'8" N	83°39'19" E	Dug Well

AMBABHONA	Dungri	21°41'12" N	83°33'55" E	Dug Well
AMBABHONA	Uttam	21°40'30" N	83°36'37" E	Dug Well
PAIKMAL	Malada	20°57'15" N	82°56'2" E	Dug Well
PAIKMAL	Majhipali	20°57'7" N	82°53'12" E	Dug Well
GAISILET	Kantabahal	20°56'6" N	83°4'14" E	Dug Well
PAIKMAL	Paikmal	20°55'20" N	82°48'35" E	Bore Well
PAIKMAL	Mithapali	20°54'21" N	82°47'36" E	Dug Well
PAIKMAL	Purena	20°51'47" N	82°45'40" E	Dug Well
PAIKMAL	Jamset	20°49'37" N	82°43'24" E	Dug Well
BARGARH	Tora	21°20'14" N	83°37'13" E	Dug Well
BARGARH	Bargarh	21°20'10" N	83°37'20" E	Dug Well
ATTABIRA	Patrapalli	21°18'25" N	83°45'55" 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
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	Bheden	21°11'50" N	83°45'10" 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
BIJEPUR	Bijepur	21°11'18" N	83°27'49" E	Bore 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
BARAPALI	Mahada	21°7'48" N	83°33'58" E	Dug Well
BHEDEN	Gondtarum	21°6'35" N	83°50'30" E	Dug Well
RAJBORASAMBAR	Mahulpali	21°0'38" N	83°6'10" E	Dug Well
PAIKMAL	Hirapur	20°57'50" N	82°49'8" 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
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
ATTABIRA	Attabira	21°22'15" N	83°47'0" E	Bore Well
ATTABIRA	Deobahal	21°21'45" N	83°44'2" 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
	DISTRICT_NAME	BAUDH		
BAUDH SADAR	Dahya	20°49'51" N	84°0'23" E	Dug Well
HARBHANGA	Radha Nagar	20°44'58" N	84°19'38" E	Dug Well
HARBHANGA	Baring	20°25'49" N	84°32'2" 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	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	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
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
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
HARBHANGA	Landibandh	20°45'50" N	84°19'0" E	Dug Well
KANTAMAL	Sanrahajhar	20°45'14" N	83°56'25" 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
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	Harekrishnapur	20°40'33" N	84°23'34" E	Dug Well

HARBHANGA	Tilesar	20°40'30" N	84°26'50" E	Dug Well
HARBHANGA	Nunibahal	20°39'42" N	84°23'28" E	Dug Well
KANTAMAL	Kantamal	20°38'32" N	83°44'28" E	Dug Well
HARBHANGA	Purunakatak	20°38'7" N	84°25'20" E	Dug Well
HARBHANGA	Purunakatak	20°37'32" N	84°25'38" E	Dug Well
HARBHANGA	Harbanga	20°37'20" N	84°36'18" E	Dug Well
HARBHANGA	Chatarang	20°35'55" N	84°34'45" E	Dug Well
HARBHANGA	Arakhpadar	20°35'54" N	84°37'9" E	Dug Well
HARBHANGA	Tukulunda	20°35'48" N	84°29'3" E	Dug Well
HARBHANGA	Laxmanpur	20°35'31" N	84°30'10" E	Dug Well
HARBHANGA	Kusang	20°35'18" N	84°39'26" E	Dug Well
HARBHANGA	Baispada	20°35'1" N	84°31'27" E	Dug Well
HARBHANGA	Charichak	20°35'0" N	84°25'25" E	Dug Well
HARBHANGA	Adenegarh	20°29'8" N	84°28'8" E	Dug Well
	DISTRICT_NAME	BHADRAK		
CHANDABALI	Chandbali	20°44'20" N	86°46'26" E	Dug Well
BHANDARIPOKHARI	Puriparabenipur	20°56'11" N	86°18'25" E	Dug Well
BANT	Kadabaranga	21°8'55" N	86°23'52" E	Dug Well
BHADRAK	Rambhila	21°8'6" N	86°31'51" E	Dug Well
BHADRAK	Ada Sasan	21°8'6" N	86°31'4" E	Dug Well
BASUDEBPUR	Basudevpur	21°7'30" N	86°44'30" E	Tube Well
BANT	Bonth	21°7'20" N	86°19'12" E	Tube 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
BANT	Agarpara	21°12'32" N	86°23'40" 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
BHADRAK	Balipatna	21°1'57" N	86°31'53" E	Dug Well
BHADRAK	Durgapur	21°1'47" N	86°31'21" E	Dug Well
BHADRAK	Bentola	21°1'35" N	86°32'40" E	Dug Well
BHADRAK	Gujidarha	21°0'11" N	86°32'45" E	Dug Well
TIHIDI	Tihidi-iii	20°59'42" N	86°37'38" E	Tube Well
TIHIDI	Khamaria-II	20°58'11" N	86°40'23" E	Tube Well
TIHIDI	Khamaria-I	20°58'11" N	86°40'23" E	Tube Well
BHANDARIPOKHARI	Bhandaripokhri	20°57'32" N	86°22'2" E	Dug Well
BHANDARIPOKHARI	Akhuapada	20°55'35" N	86°17'22" E	Dug Well
DHAMANAGAR	Betaligaon	20°51'54" N	86°35'12" E	Dug Well

DHAMANAGAR	Dhamnagar	20°55'8" N	86°26'52" E	Dug Well
DHAMANAGAR	Kothar	20°55'16" N	86°31'8" E	Dug Well
CHANDABALI	Chandbali	20°44'32" N	86°46'25" E	Tube Well
	DISTRICT_NAME	CUTTACK		
NIALI	Madhab	20°4'45" N	86°6'10" E	Dug Well
ATHAGAD	Athagarh	20°30'32" N	85°37'1" E	Dug Well
ATHAGAD	Megha	20°27'10" N	85°42'28" E	Dug Well
NIALI	Niali	20°7'51" N	86°3'52" E	Dug Well
TANGI CHOUDWAR	Jagatpur-li	20°20'44" N	85°35'35" E	Dug Well
KANTAPADA	Gunadol(chingud	20°19'56" N	85°58'51" E	Dug Well
KANTAPADA	Kandarpur	20°19'15" N	86°1'4" E	Dug Well
KANTAPADA	Fategarhbazarsa	20°18'40" N	85°59'46" E	Dug Well
KANTAPADA	Jharpara	20°18'15" N	86°1'18" E	Dug Well
KANTAPADA	Kantapara	20°15'2" N	85°58'58" E	Dug Well
KANTAPADA	Adaspur	20°12'53" N	86°0'55" E	Dug Well
ATHAGAD	Nathapur	20°35'30" N	85°56'41" E	Dug 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
ATHAGAD	Athagarh	20°31'6" N	85°38'12" E	Dug Well
CUTTACKSADAR	Chowdwar	20°31'3" N	85°55'12" 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
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
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
SALEPUR	Bahugram	20°28'57" N	86°1'37" 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°28'51" N	85°52'19" E	Dug Well
CUTTACKSADAR	Cuttack Urban	20°28'46" N	85°53'52" 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
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°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°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
BLOCK_NAME	VILLAGE_NAME	LATITUDE	LONGITUDE	SITE_TYPE
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
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
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	Pratapnagari	20°23'56" N	85°52'28" E	Dug Well
CUTTACKSADAR	Nachhipur	20°23'18" N	85°53'47" E	Dug Well
CUTTACKSADAR	Telengapenth	20°23'13" N	85°53'17" E	Dug Well
BADAMBA	Karadibandh	20°22'45" N	85°17'5" E	Dug Well
DAMPARA	Banki	20°22'36" N	85°32'0" E	Dug Well
BADAMBA	Sankhmiri	20°22'30" N	85°20'10" E	Dug Well
NIALI	Aunlo	20°11'25" N	86°2'30" E	Dug Well
CUTTACKSADAR	Tangi	20°33'28" N	85°59'22" E	Dug Well
MAHANGA	Balichandrapur	20°36'35" N	86°14'30" E	Dug Well
MAHANGA	Kuapal	20°35'26" N	86°10'15" E	Dug Well
	DISTRICT_NAME	DEBAGARH		
REAMAL	Tarang	21°16'26" N	84°34'47" E	Dug Well
TILEIBANI	Kondal	21°32'48" N	84°52'39" E	Dug Well
TILEIBANI	Tileibani	21°32'45" N	84°36'8" E	Dug Well
BARKOT	Barkot-iii	21°32'30" N	84°59'54" E	Dug Well
BARKOT	Barkote	21°32'30" N	84°59'54" E	Bore Well
TILEIBANI	Deogarh	21°32'12" N	84°44'36" E	Dug Well
BARKOT	Kalkar	21°29'9" N	84°57'6" E	Dug Well
TILEIBANI	Rengalbeda	21°26'43" N	84°41'0" E	Dug Well
TILEIBANI	Riamal	21°21'31" N	84°39'22" E	Dug Well
	DISTRICT_NAME	DHENKANAL		
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
PARAJANG	Badajhara	20°56'29" N	85°23'31" E	Dug Well
KAMAKSHAYA NAGAR	Kamakyanagar-li	20°55'45" N	85°32'40" E	Bore Well
KAMAKSHAYA NAGAR	Baisingha-li	20°54'50" N	85°35'36" E	Bore Well
KAMAKSHAYA NAGAR	Badasuanlo-Hatwari	20°54'35" N	85°50'12" E	Bore Well
BHUBAN	Bhuban-li	20°53'3" N	85°50'12" E	Bore Well
ODAPADA	Motanga-li	20°47'52" N	85°18'50" 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	Dhenkanal	20°39'14" N	85°35'56" E	Dug Well
SADAR	Samacharanapur	20°38'15" N	85°36'59" E	Dug Well
SADAR	Shankarpur	20°36'14" N	85°32'42" E	Dug Well
SADAR	Baldiabandh	20°35'52" N	85°39'9" E	Dug Well
SADAR	Saptasaja	20°34'42" N	85°35'48" E	Dug Well
SADAR	Bhapur	20°33'45" N	85°29'35" 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	Muktaposi	20°56'15" N	85°24'45" E	Dug Well
KAMAKSHAYA NAGAR	Kamakyanager-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
SADAR	Gangutia	20°43'3" N	85°33'42" E	Dug Well
HINDOL	Karanda	20°42'56" N	85°20'16" E	Dug Well
SADAR	Bandhnuagaon	20°42'42" N	85°41'50" E	Dug Well
HINDOL	Balmi	20°42'22" N	85°19'33" E	Dug Well
GANDIA	Deogaon	20°41'48" N	85°44'54" E	Dug Well
KAMAKSHAYA NAGAR	Alnaberini	20°48'50" N	85°32'35" 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
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	Hatwari	20°54'35" N	85°38'0" E	Dug Well
BHUBAN	Mathakaragola	20°54'1" N	85°41'11" E	Dug Well
BHUBAN	Bhuban	20°53'3" N	85°50'12" 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
HINDOL	Babandh	20°43'14" N	85°25'47" E	Dug Well
ODAPADA	Balrampur	20°40'56" N	85°29'48" E	Dug Well
HINDOL	Baghdharia	20°39'22" N	85°17'28" E	Dug Well
HINDOL	Rasol	20°37'55" N	85°19'2" E	Dug Well
HINDOL	Hindol	20°36'28" N	85°11'48" E	Dug Well
	DISTRICT_NAME	GAJAPATI		
KASHINAGARA	K Sitarampur	18°49'3" N	84°0'13" E	Dug Well
KASHINAGARA	Kasinagar	18°51'22" N	83°52'48" 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	Taramala	19°23'12" N	84°18'23" E	Dug Well
MOHANA	Chandiput	19°22'43" N	84°17'46" E	Dug Well
MOHANA	Chandragiri	19°18'32" N	84°17'20" 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
PARLAKHEMUNDI	Narayanpur	18°52'25" N	84°11'31" E	Dug Well
PARLAKHEMUNDI	Kantragada	18°51'29" N	84°11'26" E	Dug Well
R.UDAYGIRI	R.udaygiri	19°9'18" N	84°8'45" E	Dug Well
PARLAKHEMUNDI	Tattipati	18°49'54" N	84°12'36" E	Dug Well
PARLAKHEMUNDI	Kalasing Banjero	18°49'43" N	84°17'26" E	Dug Well
KASHINAGARA	Bistala	18°48'47" N	83°57'4" E	Dug Well
PARLAKHEMUNDI	Kattalakanita	18°48'38" N	84°8'34" E	Dug Well
PARLAKHEMUNDI	Parlakhemundi	18°46'15" N	84°6'15" E	Dug Well
PARLAKHEMUNDI	Gosani	18°48'45" N	84°14'44" E	Dug Well
	DISTRICT_NAME	GANJAM		
ASIKA	Badakholi	19°42'32" N	84°42'6" E	Dug Well
POLASARA	Polasora	19°41'30" N	84°49'10" E	Dug Well
POLASARA	Palsora	19°41'28" N	84°49'2" E	Bore Well
ASIKA	Bhetnai	19°40'46" N	84°41'47" E	Dug Well
DHARAKOTE	Badagarh	19°38'42" N	84°24'39" E	Dug Well
DHARAKOTE	Dharkote	19°38'30" N	84°34'45" E	Dug Well
ASIKA	Mundamarai	19°38'17" N	84°36'14" E	Dug Well
KHALIKOTE	Beguniapada	19°37'49" N	84°59'19" E	Bore Well
ASIKA	K.nuagan	19°37'40" N	84°39'20" E	Dug Well
KHALIKOTE	Kodala	19°37'30" N	84°56'18" E	Dug Well
ASIKA	Aska	19°37'5" N	84°39'15" E	Dug Well
ASIKA	Nuagaon	19°37'0" N	84°41'17" E	Dug Well
KHALIKOTE	Khalikot	19°36'35" N	85°5'18" E	Dug Well
ASIKA	Koitra	19°36'14" N	84°37'20" E	Dug Well
KAVISURJYANAGAR	K.s.nagar	19°35'18" N	84°45'12" E	Dug Well
DHARAKOTE	Manikyapur	19°35'0" N	84°31'17" E	Bore Well
KAVISURJYANAGAR	Gudiali	19°34'3" N	84°47'2" E	Dug Well
SARGAD	Subash Ch.Pur	19°32'23" N	84°37'15" E	Dug Well
SARGAD	Pudangi	19°32'10" N	84°37'8" E	Dug Well
KHALIKOTE	Rambha	19°31'37" N	85°5'45" E	Dug Well
PURUSOTTAMPUR	Bananai	19°31'6" N	84°46'23" E	Dug Well
PURUSOTTAMPUR	Purusatampur	19°30'42" N	84°52'32" E	Dug Well
SARGAD	Sheragada	19°30'38" N	84°36'53" E	Dug Well
SARGAD	Sheragada	19°30'28" N	84°36'24" E	Bore Well
GANJAM	Poirasi	19°29'26" N	84°59'30" E	Dug Well

HINJILICUT	Jamuni	19°29'25" N	84°50'7" E	Dug Well
HINJILICUT	Hinjlikatu	19°29'20" N	84°44'30" E	Dug Well
HINJILICUT	Hinjlicut	19°29'6" N	84°44'33" E	Bore Well
PURUSOTTAMPUR	Nuapalli	19°27'42" N	84°53'15" E	Dug Well
HINJILICUT	Pochilima	19°27'15" N	84°44'48" E	Dug Well
SANAKHEMUNDI	Patapur	19°26'42" N	84°35'27" E	Dug Well
SANAKHEMUNDI	Pudamari	19°26'42" N	84°28'0" E	Dug Well
GANJAM	Huma	19°25'56" N	85°2'18" E	Dug Well
HINJILICUT	Belagan	19°25'40" N	84°45'40" E	Dug Well
HINJILICUT	Badakhandi	19°25'20" N	84°44'14" E	Dug Well
CHHATRAPUR	Kamappalli	19°24'24" N	84°57'12" E	Dug Well
KUKUDAKHANDI	Roigam	19°24'5" N	84°40'24" E	Dug Well
KUKUDAKHANDI	Kukudahandi	19°23'40" N	84°45'15" E	Dug Well
KUKUDAKHANDI	Digapahandi	19°22'53" N	84°33'58" E	Bore Well
CHHATRAPUR	Ganjam	19°22'25" N	85°2'5" E	Dug Well
CHHATRAPUR	Tanganapalli	19°22'22" N	84°52'52" E	Dug Well
KUKUDAKHANDI	Pitamberpur	19°22'14" N	84°37'52" E	Dug Well
KUKUDAKHANDI	Digapandi	19°22'12" N	84°34'55" E	Dug Well
CHHATRAPUR	Hummuri	19°22'5" N	85°0'10" E	Dug Well
RANGILUNDA	Berhampur	19°22'0" N	84°47'30" E	Dug Well
CHHATRAPUR	Chatrapur	19°21'21" N	84°58'50" E	Bore Well
CHHATRAPUR	Chatrapur	19°21'18" N	84°58'44" E	Dug Well
KUKUDAKHANDI	Ratanpur	19°21'14" N	84°46'15" E	Dug Well
CHHATRAPUR	Govindpur	19°20'40" N	84°54'7" E	Dug Well
CHHATRAPUR	Narendrapur	19°20'6" N	84°52'10" E	Dug Well
KUKUDAKHANDI	Lathi	19°18'10" N	84°45'33" E	Dug Well
RANGILUNDA	Korapalli	19°17'5" N	84°52'56" E	Dug Well
RANGILUNDA	Phulata	19°16'12" N	84°48'48" E	Dug Well
RANGILUNDA	Gopalpur	19°15'18" N	84°46'23" E	Dug Well
RANGILUNDA	Konishi	19°15'15" N	84°46'24" E	Dug Well
CHIKITI	Jakara	19°15'4" N	84°33'24" E	Dug Well
RANGILUNDA	Golabandha	19°14'58" N	84°52'19" E	Dug Well
PATRAPUR	Jyantipur	19°5'38" N	84°36'48" E	Dug Well
BHANJANAGAR	Gallery	20°5'33" N	84°34'30" E	Dug Well
JAGANATHPRASAD	Tarasingi	20°5'32" N	84°41'16" E	Dug Well
JAGANATHPRASAD	Saishamuli	20°4'6" N	84°36'18" E	Dug Well
BHANJANAGAR	Dadralunda	20°3'42" N	84°29'20" E	Dug Well
BHANJANAGAR	Turumu	20°3'0" N	84°36'53" E	Dug Well
BHANJANAGAR	Turumu	20°2'42" N	84°37'6" E	Dug Well
JAGANATHPRASAD	Chamkahandi	20°2'35" N	84°42'25" E	Dug Well
BHANJANAGAR	Tilisingi	20°1'8" N	84°37'56" E	Dug Well

BHANJANAGAR	Mujhagarh	20°1'0" N	84°31'2" E	Dug Well
JAGANATHPRASAD	Jagannathprasad	19°58'15" N	84°46'40" E	Dug Well
JAGANATHPRASAD	Chadeiapalli Chhak	19°58'9" N	84°50'48" E	Dug Well
BHANJANAGAR	Bhanjanagar-i	19°56'55" N	84°35'0" E	Dug Well
BELLAGUNTHA	Bhanjanagar-ii	19°55'50" N	84°34'54" E	Dug Well
JAGANATHPRASAD	Jhadabhumi	19°55'9" N	84°43'24" E	Dug Well
BELLAGUNTHA	Karachuli	19°54'0" N	84°53'20" E	Dug Well
JAGANATHPRASAD	Baragam	19°53'52" N	84°41'2" E	Dug Well
BELLAGUNTHA	Belaguntha	19°52'54" N	84°38'22" E	Dug Well
BELLAGUNTHA	Belaguntha	19°52'40" N	84°38'23" E	Bore Well
BELLAGUNTHA	Kontaipalli	19°52'12" N	84°35'12" E	Dug Well
BELLAGUNTHA	Ambapua	19°51'57" N	84°38'59" E	Dug Well
BELLAGUNTHA	Gobara	19°49'35" N	84°36'0" E	Dug Well
JAGANATHPRASAD	Gayagonda	20°9'27" N	84°45'27" E	Dug Well
BELLAGUNTHA	Nunipada	19°48'46" N	84°36'30" E	Dug Well
BELLAGUNTHA	Buguda	19°48'36" N	84°47'39" E	Bore Well
BELLAGUNTHA	Buguda	19°48'35" N	84°47'25" E	Dug Well
BELLAGUNTHA	Mangalpur	19°48'24" N	84°39'50" E	Dug Well
BELLAGUNTHA	Lathipada	19°47'15" N	84°31'3" E	Dug Well
DHARAKOTE	Gangapur	19°46'36" N	84°36'48" E	Dug Well
SURADA	Sorada	19°45'35" N	84°26'0" E	Dug Well
BELLAGUNTHA	Kalamb	19°45'3" N	84°42'16" E	Dug Well
ASIKA	Kendupadar	19°44'36" N	84°39'25" E	Dug Well
BELLAGUNTHA	Balipadar	19°44'8" N	84°42'38" E	Dug Well
DHARAKOTE	Suramani	19°43'14" N	84°30'30" E	Dug Well
ASIKA	Khandrabali	19°43'9" N	84°38'27" E	Dug Well
PATRAPUR	Jarada	19°4'30" N	84°30'24" E	Dug Well
CHIKITI	Chikiti	19°11'45" N	84°36'52" E	Dug Well
RANGILUNDA	Mantridi	19°11'20" N	84°46'19" E	Dug Well
CHIKITI	Bairibada	19°10'15" N	84°40'58" E	Dug Well
CHIKITI	Surlaroad	19°10'9" N	84°42'57" E	Dug Well
CHIKITI	Laxmipur	19°9'46" N	84°36'36" E	Dug Well
PATRAPUR	Surangi	19°9'30" N	84°32'0" E	Dug Well
PATRAPUR	Patrapur	19°7'50" N	84°34'12" E	Bore Well
PATRAPUR	Patrapur	19°7'42" N	84°34'38" E	Dug Well
KUKUDAKHANDI	Kanakia	19°14'32" N	84°42'34" E	Dug Well
RANGILUNDA	Hinjalapalli	19°14'9" N	84°47'18" E	Dug Well
RANGILUNDA	Dumdumi	19°13'21" N	84°48'24" E	Dug Well
RANGILUNDA	Golanthara	19°12'15" N	84°45'9" E	Dug Well
	DISTRICT_NAME	JAGATSINGHAPUR		
BALIKUDA	Balikuda	20°7'14" N	86°15'55" E	Dug Well

TIRTOL	Raghnathpur	20°20'49" N	86°8'23" E	Dug Well
TIRTOL	Khandatari-ii	20°20'46" N	86°15'15" E	Tube 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
ERSAMA	Ersama	20°19'12" N	86°31'38" E	Dug Well
KUJANG	Paradeepgarh	20°19'0" N	86°36'0" E	Tube Well
KUJANG	Paradeepgarh	20°18'58" N	86°36'30" E	Dug Well
KUJANG	Kujang	20°18'55" N	86°32'0" E	Dug Well
KUJANG	Kujang	20°18'50" N	86°31'45" E	Tube Well
KUJANG	Badapal	20°18'31" N	86°27'9" E	Dug Well
TIRTOL	Tirtol-iii	20°18'26" N	86°19'52" E	Tube Well
TIRTOL	Tirtol-ii	20°18'26" N	86°19'52" E	Tube Well
TIRTOL	Tirtol-i	20°18'26" N	86°19'52" E	Tube Well
TIRTOL	Nausira	20°18'24" N	86°19'58" E	Dug Well
JAGATSINGHAPUR	Kumartota chak	20°18'19" N	86°10'23" E	Dug Well
TIRTOL	Manijanga-II	20°18'15" N	86°22'25" E	Tube Well
TIRTOL	Manijanga-I	20°18'15" N	86°22'25" E	Tube Well
JAGATSINGHAPUR	Sinharpur	20°17'49" N	86°8'9" 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
JAGATSINGHAPUR	Sampur	20°16'27" N	86°12'58" E	Dug Well
JAGATSINGHAPUR	Jagatsingpur	20°15'55" N	86°10'28" E	Tube Well
JAGATSINGHAPUR	Purohitpur	20°15'23" N	86°11'35" E	Dug Well
ERSAMA	Balituth	20°14'35" N	86°31'43" E	Dug Well
KUJANG	Jagannathpur	20°14'10" N	86°21'0" E	Dug Well
ERSAMA	Erasama-II	20°12'4" N	86°24'50" E	Tube Well
ERSAMA	Erasama-I	20°12'4" N	86°24'50" E	Tube Well
ERSAMA	Borikina	20°8'36" N	86°15'55" E	Dug Well
NUAGAON	Nuagaon	20°8'32" N	86°11'15" E	Dug Well
BALIKUDA	Balikuda	20°8'0" N	86°16'55" E	Tube Well
ERSAMA	Machgaon	20°4'1" N	86°14'16" E	Dug Well
	DISTRICT_NAME	JAJAPUR		
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	Jakhpura-li	20°56'0" N	86°3'55" 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
DHARMASALA	Chadeidhara	20°48'53" N	86°3'45" E	Dug Well

DHARMASALA	Chadeidhara	20°48'30" N	86°3'45" E	Bore Well
DHARMASALA	Darpani	20°42'45" N	86°4'41" 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
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
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
DANAGADI	Jakhpura	20°55'56" N	86°3'48" E	Dug Well
SUKINDA	Ambasar	20°54'50" N	85°56'6" E	Dug Well
BADACHANA	Chandikhole	20°42'45" N	86°8'30" 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
BARI	Bari	20°41'26" N	86°20'55" E	Dug Well
JAJAPUR	Kabirpur	20°48'20" N	86°15'15" E	Dug Well
DHARMASALA	Madhupurgarh	20°47'3" N	86°5'45" 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
DHARMASALA	Hatibari	20°53'12" N	85°57'18" E	Dug Well
DHARMASALA	Dharmsala	20°46'31" N	86°10'3" E	Dug Well
DHARMASALA	Rampei	20°45'25" N	86°3'0" E	Dug Well
BADACHANA	Haridaspur	20°43'29" N	86°7'15" E	Dug Well
BADACHANA	Arkhapur	20°39'14" N	86°9'14" E	Dug Well
BADACHANA	Chhatia	20°36'41" N	86°3'40" E	Dug Well
BADACHANA	Barchana	20°41'13" N	86°2'42" 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
DASARATHAPUR	Mangalpur	20°48'55" N	86°31'45" E	Dug Well
JAJAPUR	Jajpur	20°50'7" N	86°20'13" E	Dug Well
	DISTRICT_NAME	JHARSUGUDA		
LAKHANPUR	Lakhanpur	21°45'40" N	83°46'25" E	Dug Well
LAKHANPUR	Katarbaga	21°46'40" N	83°38'22" 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
LAIKERA	Laikera	21°53'0" N	84°12'20" E	Dug Well
LAIKERA	Kirimera	21°52'39" N	84°9'19" E	Dug Well
JHARSUGUDA	Jharsuguda	21°51'18" N	84°1'0" E	Dug Well
JHARSUGUDA	Brajrajnagar	21°49'10" N	83°55'55" 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
LAKHANPUR	Panchagaon	21°47'7" N	83°35'39" E	Dug Well
LAKHANPUR	Singarpur	21°35'44" N	83°57'51" E	Dug Well
	DISTRICT_NAME	KALAHANDI		
LANJIGARH	Biswanathppur	19°49'2" N	83°25'55" 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
THUAMUL RAM PUR	Gunupur	19°36'30" N	83°7'0" 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
NARALA	Tulapada	20°7'39" N	83°25'4" E	Dug Well
GOLAMUNDA	Kegaon	20°6'15" N	82°53'45" 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
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
KARLAMUNDA	Risida	20°24'5" N	83°28'22" E	Dug Well
MADANPUR RAMPUR	M-rampur	20°11'50" N	83°31'30" E	Dug Well
MADANPUR RAMPUR	M.Rampur	20°11'50" N	83°31'30" E	Bore 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
BHAWANIPATNA	Bhawanipatna	19°54'29" N	83°9'33" E	Bore 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°51'30" 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
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	Dasapur	19°57'54" N	82°52'0" E	Dug Well
BHAWANIPATNA	Bawanipatna	19°54'29" N	83°9'33" 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
JUNAGARH	Mahichala	19°46'40" N	82°50'45" E	Dug Well
JUNAGARH	Chiliguda	19°43'57" N	82°54'38" E	Dug Well
KALAMPUR	Moter	19°42'55" N	82°47'45" 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
KOKASARA	Sunamala	19°37'10" N	82°41'22" E	Dug Well
JAYAPATNA	Ladugaon	19°36'42" N	82°42'20" E	Bore Well
KALAMPUR	Bandigaon	19°36'25" N	82°48'50" E	Dug Well
KOKASARA	Ampani	19°34'56" N	82°37'28" E	Dug Well
JAYAPATNA	Bijamara	19°33'30" N	82°49'12" E	Dug Well
THUAMUL RAM PUR	Thuamalrampur	19°32'42" N	82°56'5" E	Dug Well
JAYAPATNA	Baner	19°31'52" N	82°48'50" E	Dug Well
JAYAPATNA	Jaipatna	19°28'14" N	82°48'39" E	Dug Well
	DISTRICT_NAME	KANDHAMAL		
G.UDAYAGIRI	G.udaigiri	20°7'22" N	84°22'18" E	Dug Well
G.UDAYAGIRI	G-udaigiri	20°7'22" N	84°22'18" E	Dug Well
DARINGBADI	Daringbadi	19°54'35" N	84°7'20" E	Dug Well
KOTAGARH	Kotgarh	19°50'17" N	83°43'40" E	Dug Well
G.UDAYAGIRI	Kalinga	20°9'27" N	84°25'15" E	Dug Well
KOTAGARH	Bandapipali	19°42'39" N	83°40'2" E	Dug Well
BALIGUDA	Bataguda	20°7'0" N	83°50'40" E	Dug Well
NAUGAON	Gunjibadi	20°5'37" N	84°8'55" E	Dug Well
TUMUDIBANDHA	Sunagaon	20°4'35" N	83°39'0" E	Dug Well
TIKABALI	Paburiya	20°9'57" N	84°15'23" E	Dug Well
PHIRINGIA	Phirinji-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	Sankarakhhol	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
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
BALIGUDA	Baliguda	20°11'57" N	83°54'30" E	Dug Well
NAUGAON	Nuagaon	20°8'8" N	84°0'20" E	Dug Well
G.UDAYAGIRI	Lingagada	20°4'0" N	84°19'15" E	Dug Well
TUMUDIBANDHA	Kurtamgarh	20°3'35" N	83°45'25" E	Dug Well
RAIKIA	Raikia-ii	20°3'27" N	84°14'42" E	Dug Well
TUMUDIBANDHA	Tumdibandh	19°58'18" N	83°42'20" E	Dug Well
	DISTRICT_NAME	KENDRAPARA		
PATTAMUNDAI	Aul(alii)	20°40'34" N	86°38'20" E	Dug Well
KENDRAPARA	Indupur	20°36'57" N	86°23'55" E	Dug Well
DERA BIS	Laxminarayanpur	20°33'18" N	86°19'20" 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	Kendrapara-II	20°30'20" N	86°24'25" E	Tube Well
KENDRAPARA	Kendrapara-I	20°30'20" N	86°24'25" E	Tube Well
KENDRAPARA	Shyamsundarpur	20°30'20" N	86°23'39" E	Dug Well
PATTAMUNDAI	Jajang-II	20°30'10" N	86°27'15" E	Tube Well
PATTAMUNDAI	Jajang-1	20°30'10" N	86°27'15" E	Tube Well
KENDRAPARA	Kendrapara	20°30'6" N	86°25'20" E	Dug Well
DERA BIS	Chandola	20°29'20" N	86°17'30" E	Dug Well
MARSA GHAI	Chatua	20°27'50" N	86°28'15" E	Dug Well
MARSA GHAI	Hatia	20°27'11" N	86°27'7" E	Dug Well
PATTAMUNDAI	Rajgarh	20°27'0" N	86°32'25" E	Dug Well
MARSA GHAI	Marshaghai	20°25'27" N	86°29'3" E	Dug Well
MAHAKALA PADA	Mahakalpara	20°25'15" N	86°34'50" E	Dug Well
GARADPUR	Patkura	20°23'15" N	86°24'20" 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
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
KENDRAPARA	Gogua	20°34'14" N	86°24'27" E	Dug Well
	DISTRICT_NAME	KENDUJHAR		
SAHARAPADA	Udaipur-li	21°42'12" N	85°51'28" E	Bore Well
PATANA	Khiritangiri-li	21°42'0" N	85°42'40" E	Bore Well
SAHARAPADA	Badbil	21°40'42" N	85°56'19" E	Dug 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
HATADIHI	Bidyadharpur	21°14'59" N	86°16'45" E	Bore Well
GHASIPURA	Ghasipura	21°12'40" N	86°6'30" 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	Kesudapal-li	21°9'50" N	86°2'48" E	Bore Well
GHASIPURA	Sainkula	21°7'8" N	86°7'52" 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
HARICHADANPUR	Harichandanpur-li	21°20'45" N	85°47'25" E	Bore 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
JODA	Rugudi	22°0'30" N	85°20'5" E	Dug Well
TELKOI	Padang	21°16'0" N	85°29'0" E	Dug Well
TELKOI	Kaliahata	21°12'15" N	85°36'0" E	Dug Well
TELKOI	Bimala	21°11'38" N	85°24'2" 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
GHASIPURA	Barpada	21°7'10" N	86°7'0" 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	Patakhali	21°11'26" N	85°31'54" E	Dug Well
GHASIPURA	Balarampur	21°11'18" N	86°3'44" E	Dug Well
HATADIHI	Mathadai	21°11'14" N	86°14'46" E	Dug Well
GHASIPURA	Kesurdapal	21°10'8" N	86°0'13" E	Dug Well
GHASIPURA	Deogan	21°9'54" N	86°2'48" E	Dug Well
ANANDPUR	Dhokuta	21°18'18" N	86°4'6" 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	Patilo	21°25'28" N	85°42'48" E	Dug Well
PATANA	Malliposi	21°34'50" N	85°53'40" 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
BANSPAL	Banspal	21°37'0" N	85°25'0" E	Dug Well

BANSPAL	Suakati	21°36'25" N	85°31'20" E	Dug Well
BANSPAL	Baraguda	21°36'12" N	85°20'13" 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	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
JHUMPURA	Katalaposhi	21°23'48" N	85°25'59" E	Dug Well
GHATGAON	Ghatgaon	21°23'38" N	85°53'55" 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
GHASIPURA	Ramchandrapur	21°4'21" N	86°6'48" E	Dug Well
KENDUJHARGARH	Keonjhargarh	21°37'55" N	85°36'45" 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
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	Jaymangalpur	22°2'20" N	85°34'30" 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	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
JHUMPURA	Ukunta	21°52'30" N	85°42'50" E	Dug Well
CHAMPUA	Parsora	21°56'47" N	85°36'14" E	Dug Well
PATANA	Burikapuri	21°50'20" N	85°47'0" E	Dug Well
JHUMPURA	Jhumpura	21°49'37" N	85°34'6" 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
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
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

KENDUJHARGARH	Padampur	21°43'50" N	85°35'15" E	Dug Well
PATANA	Tangarpada	21°39'24" N	85°50'48" E	Dug Well
SAHARAPADA	Swampatna	21°38'18" N	85°54'2" E	Dug Well
TELKOI	Balijhodi	21°38'22" N	85°36'19" E	Dug Well
	DISTRICT_NAME	KHORDHA		
TANGI	Jankia	20°1'54" N	85°31'18" E	Dug Well
TANGI	Nirakarpur	19°59'38" N	85°32'24" E	Dug Well
TANGI	Bhusundapur	19°57'10" N	85°28'50" E	Dug Well
TANGI	Tangi	19°55'31" N	85°23'52" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°22'8" N	85°48'32" 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°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	20°16'52" N	85°49'26" E	Dug Well

	Urban			
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°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°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°14'33" N	85°52'25" E	Dug Well
BHUBANESWAR	Bhubaneswar Urban	20°14'16" N	85°48'24" E	Dug Well

BHUBANESWAR	Bhubaneswar	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	Sisupal Square	20°13'1" N	85°51'3" 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
KHORDHA	Khurda	20°10'55" N	85°37'3" E	Dug Well
KHORDHA	Khurda Industrial Area	20°10'32" N	85°38'18" E	Dug Well
JATANI	Padanpur	20°10'22" N	85°40'32" E	Dug Well
JATANI	Jatni	20°10'0" N	85°41'0" 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
CHILIKA	Balugaon	19°44'50" N	85°12'28" 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	Pichkuli	20°11'0" N	85°23'0" E	Dug Well
BALIPATANA	Panikata	20°10'42" N	85°54'12" E	Dug Well
BOLAGAD	Bolagarh	20°10'15" N	85°16'40" E	Dug Well
BALIANTA	Kundaiderapatna	20°20'55" N	85°53'33" E	Dug Well
BHUBANESWAR	Raghunathpur	20°20'35" N	85°47'10" E	Dug Well
BHUBANESWAR	Bhubaneswar-i	20°17'3" N	85°50'58" 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
BALIPATANA	Balipatna	20°12'18" N	85°57'49" E	Dug Well
BHUBANESWAR	Patia	20°23'53" N	85°47'28" E	Dug Well
BALIPATANA	Balakati	20°12'3" N	85°52'8" E	Dug Well

	DISTRICT_NAME	KORAPUT		
BOIPARIGUDA	Dhaulapur	18°46'28" N	82°19'31" E	Dug Well
BOIPARIGUDA	Patraput	18°46'22" N	82°31'40" E	Dug Well
BOIPARIGUDA	Baipariguda	18°45'30" N	82°26'18" E	Dug Well
SIMILIGUDA	Similiguda	18°42'15" N	82°49'15" E	Dug Well
LAMPTAPUT	Lamtaput	18°36'55" N	82°35'39" E	Dug Well
POTTANGI	Potangi	18°33'48" N	82°57'42" E	Dug Well
NANDAPUR	Nandapur	18°32'0" N	82°44'30" E	Dug Well
JEYPUR	Jeypore	18°51'10" N	82°34'53" 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
NANDAPUR	Soguru	18°30'53" N	82°36'58" 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°51'40" N	82°34'53" E	Bore Well
KORAPUT	Koraput-ii	18°48'41" N	82°43'18" E	Dug Well
LAKSHMIPUR	Kakriguma	18°55'21" N	83°0'34" E	Dug Well
JEYPUR	Kenduguda	18°58'35" N	82°32'40" E	Dug Well
KUNDURA	Ghatarala	19°1'26" N	82°24'0" E	Dug Well
BORIGUMA	Jujari	19°9'12" N	82°34'40" 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
JEYPUR	C.kusimi-i	19°1'27" N	82°25'50" E	Dug Well
JEYPUR	Konga	18°59'53" N	82°28'30" E	Dug Well
JEYPUR	Ambaguda	18°57'30" N	82°32'10" E	Dug Well
KORAPUT	Koraput-i	18°48'43" N	82°43'18" E	Dug Well
DASAMANTAPUR	Podagada	18°51'20" N	82°52'12" E	Dug Well
NANDAPUR	Bheja	18°28'14" N	82°41'7" E	Dug Well
BANDHUGAON	Peddagadavalasa	18°56'30" N	83°1'35" E	Dug Well
BOIPARIGUDA	Ramgiri	18°45'36" N	82°15'27" E	Dug Well

LAKSHMIPUR	Lakshmipur	18°59'31" N	83°6'58" E	Dug Well
LAKSHMIPUR	Laxmipur	18°59'31" N	83°6'58" E	Bore Well
LAKSHMIPUR	Kusumguda	18°58'5" N	83°2'17" E	Dug Well
NARAYAN PATANA	Narayanpatna	18°52'32" N	83°10'15" E	Dug Well
JEYPUR	Kantarkhal	18°50'59" N	82°32'30" E	Dug Well
JEYPUR	Balia	18°49'18" N	82°30'16" E	Dug Well
BORIGUMA	Bangalaguda	19°12'4" N	82°33'34" E	Dug Well
KORAPUT	Dumuriput	18°47'2" N	82°47'2" E	Dug Well
BOIPARIGUDA	Mundaguda	18°46'1" N	82°23'16" E	Dug Well
BOIPARIGUDA	Doraguda	18°45'41" N	82°28'34" E	Dug Well
SIMILIGUDA	Pitaguda	18°38'39" N	82°49'16" E	Dug Well
	DISTRICT_NAME	MALKANGIRI		
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
KUDUMULUGUM	Chitrakonda	18°6'30" N	82°6'55" 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
KUDUMULUGUM	Somnathpur	18°17'40" N	82°7'30" 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
KALI MELA	Venkatapalam	18°7'17" N	81°43'29" 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
KHAIRPUT	Govindpali	18°34'51" N	82°17'7" 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°28'47" N	82°14'1" E	Dug Well
MATHILI	Bejaguda	18°28'9" N	82°3'9" E	Dug Well
MALKANGIRI	Pandripani	18°26'29" N	82°7'20" E	Bore 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
PODIA	M.v.19	18°14'19" N	81°48'18" E	Dug Well
KORKUNDA	M.V.7	18°17'31" N	81°51'9" 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

MALKANGIRI	Sindhimal	18°24'25" N	81°56'24" E	Dug Well
MATHILI	Katameta	18°27'37" N	82°4'33" E	Dug Well
KUDUMULUGUM	Parkannala	18°21'24" N	82°9'23" E	Dug Well
	DISTRICT_NAME	MAYURBHANJ		
THAKUR MUNDA	Taramara	21°28'19" N	86°9'32" E	Dug Well
RASA-GOBINDAPUR	Amarda	21°47'31" N	87°7'52" 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
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
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
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
BISOI	Manda	22°4'50" N	86°14'8" E	Dug Well
JASHI PUR	Sanjili	21°57'30" N	86°13'30" E	Dug Well
SUKRULI	Raruan	21°57'23" N	85°51'44" 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
KARANJIA	Tongabila Chhak	21°54'16" N	86°2'29" 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
KAPTIPADA	Sarat	21°26'0" N	86°19'30" E	Dug Well
UDALA	Kaptipada	21°34'36" N	86°34'2" E	Dug Well
KAPTIPADA	Poradiha	21°33'0" N	86°28'0" E	Dug Well
KAPTIPADA	Udala	21°32'45" N	86°32'6" E	Dug Well
GOPA BANDHU NAGAR	Kuamara	21°37'30" N	86°44'0" E	Dug Well

THAKUR MUNDA	Thakurmunda	21°31'6" N	86°9'30" E	Dug Well
THAKUR MUNDA	Champajhar	21°29'20" N	86°14'30" E	Dug Well
THAKUR MUNDA	Mahuldia	21°25'5" N	86°11'50" E	Dug Well
THAKUR MUNDA	Satkosia	21°21'28" N	86°8'52" E	Dug Well
KHUNTA	Brundabanchan	21°38'5" N	86°35'30" E	Dug Well
BETA NATI	Hatjori	21°39'30" N	86°54'30" 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
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
RARUAN	Jhunkapal	21°58'21" N	85°53'27" E	Dug Well
SULIA PADA	Kostha	21°58'0" N	86°57'0" E	Dug Well
JASHI PUR	Joshiapur	21°57'50" N	86°4'15" E	Dug Well
RARUAN	Khiching	21°55'38" N	85°50'8" 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
JASHI PUR	Mananda	21°59'12" N	86°1'6" 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
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
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
RASA-GOBINDAPUR	Amarda village	21°47'30" N	87°7'52" 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
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
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
KARANJIA	Kendumundi	21°41'13" N	86°6'22" E	Dug Well
BETA NATI	Betnoti	21°44'8" N	86°51'12" E	Dug Well
BAR SAHI	Manitri	21°38'56" N	86°48'45" 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
	DISTRICT_NAME	NABARANGAPUR		
UMARKOTE	Bhaskel-dam sit	19°41'58" N	82°7'47" E	Dug Well
UMARKOTE	Umarkot	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
TENTULIKHUNTI	Anchalguma	19°19'25" N	82°40'42" E	Dug Well
PAPARAHANDI	Dengaguda	19°19'5" N	82°25'57" E	Dug 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	Kosagumuda	19°16'35" N	82°14'54" E	Bore 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
NABARANGAPUR	Sonamasigan	19°12'40" N	82°27'7" E	Dug Well
TENTULIKHUNTI	Digi	19°16'2" N	82°42'33" E	Dug Well
NANDAHANDI	Nandahandi	19°14'13" N	82°40'12" E	Dug Well
NANDAHANDI	Kurlaghati	19°15'2" N	82°35'41" E	Dug Well
KOSAGUMUDA	Karchamal	19°13'28" N	82°21'39" E	Dug Well
NANDAHANDI	Daibata	19°12'44" N	82°33'51" E	Dug Well
PAPARAHANDI	Papadahandi	19°29'20" N	82°31'44" E	Dug Well
JHARIGAN	Fupugaon	19°38'49" N	82°23'37" E	Dug Well
RAIGHAR	Kundei	20°2'22" N	81°55'33" E	Dug Well
TENTULIKHUNTI	Maidalpur	19°28'11" N	82°34'29" E	Bore Well
RAIGHAR	Raigarh	19°53'15" N	82°4'30" E	Dug Well
RAIGHAR	Jodenga	19°56'53" N	81°59'15" E	Dug Well
RAIGHAR	Khatiguda	19°55'20" N	82°5'30" E	Bore Well
JHARIGAN	Jharigan	19°42'42" N	82°22'6" E	Dug Well
UMARKOTE	Baheda	19°39'35" N	82°12'46" E	Dug Well
	DISTRICT_NAME	NAYAGARH		
RANAPUR	Ranpur	20°4'8" N	85°21'15" E	Bore Well
RANAPUR	Ranpur	20°3'32" N	85°20'13" E	Dug Well
KHANDAPADA	Kumbharpara	20°21'38" N	85°1'36" E	Dug Well
GANIA	Ghholahandi	20°21'1" N	84°57'11" E	Dug Well
NAYAGARH	Nayagarh	20°7'43" N	85°7'7" E	Dug Well

BHAPUR	Kantilo	20°21'30" N	85°11'30" 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
BHAPUR	Nuabausabati	20°19'39" N	85°15'34" E	Dug Well
DASAPALLA	Subalaya	20°19'2" N	84°54'25" E	Dug Well
BHAPUR	Bhapur	20°17'15" N	85°17'38" E	Dug Well
BHAPUR	Bhapur	20°17'0" N	85°17'40" E	Bore 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
GANIA	Takara	20°24'16" N	84°45'34" E	Dug Well
GANIA	Gania	20°24'12" N	85°2'42" E	Dug Well
DASAPALLA	Kuluru Kumpa	20°23'48" N	84°37'18" E	Dug Well
GANIA	Banigocha	20°23'43" N	84°35'22" E	Dug Well
KHANDAPADA	Kana Singhi	20°22'48" N	85°6'33" E	Dug 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	Purusottampur	20°9'18" N	85°11'25" E	Dug Well
NAYAGARH	Etamati	20°8'5" N	85°8'25" E	Dug Well
NAYAGARH	Nayagarh	20°8'0" N	85°7'0" E	Bore Well
ODAGAON	Solopata	20°4'34" N	85°5'32" E	Dug Well
ODAGAON	Sarankul	20°1'50" N	85°5'48" E	Dug Well
ODAGAON	Odagaon	20°1'18" N	84°59'0" E	Dug Well
ODAGAON	Odogaon	20°1'18" N	84°59'0" E	Bore Well
	DISTRICT_NAME	NUAPADA		
KHARIAR	Khariar	20°17'40" N	82°45'37" E	Dug Well
KHARIAR	Ranipur	20°16'43" N	82°46'33" E	Dug Well
NUAPADA	Khariar Road	20°53'22" N	82°30'42" E	Bore Well
NUAPADA	Nawapara	20°47'52" N	82°32'10" E	Dug Well
NUAPADA	Dharambandah	20°44'3" N	82°25'31" E	Dug Well
KHARIAR	Loharapalli	20°18'57" N	82°44'12" E	Dug Well
KHARIAR	Khudpej	20°18'40" N	82°41'21" E	Dug Well
KHARIAR	Junani	20°18'26" N	82°48'3" E	Dug Well
SINAPALI	Nilji	20°6'8" N	82°35'45" 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
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

KHARIAR	Palsada	20°18'46" N	82°41'41" E	Dug Well
KHARIAR	Lachhipur	20°16'8" N	82°47'33" E	Dug Well
KHARIAR	Tukla	20°15'40" N	82°50'20" E	Dug Well
BODEN	Boden	20°14'50" N	82°34'5" E	Dug Well
KOMANA	Tarbod	20°37'58" N	82°36'55" E	Dug Well
KOMANA	Burkhiakomna	20°35'5" N	82°40'25" E	Dug Well
KOMANA	Komna	20°30'5" N	82°40'22" E	Dug Well
	DISTRICT_NAME	PURI		
CHILIKA LAKE	Satpada	19°40'20" N	85°27'24" E	Dug Well
PIPIL	Dhauri	20°8'3" N	85°48'50" E	Dug Well
PIPIL	Pipli	20°6'38" N	85°50'5" E	Tube Well
PIPIL	Bantalsingh	20°5'19" N	85°48'10" E	Dug Well
NIMAPADA	Dahijanga-ii	20°4'32" N	85°58'1" E	Tube Well
NIMAPADA	Dahijanga-i	20°4'30" N	85°58'3" E	Tube Well
NIMAPADA	Dahijanga	20°4'20" N	85°57'56" E	Dug Well
NIMAPADA	Nimapara	20°3'40" N	86°1'44" E	Tube Well
NIMAPADA	Charichhak	20°3'34" N	86°5'9" 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	Tampalo	20°1'18" N	86°3'32" 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	Maunimatha	19°59'39" N	85°48'0" E	Dug Well
ASTARANGA	Juinti	19°59'8" N	86°14'22" E	Dug Well
ASTARANGA	Kundheihat	19°58'40" N	86°11'45" 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
ASTARANGA	Tikarpara	19°56'24" N	86°10'57" E	Dug Well
GOP	Madrang	19°55'30" N	85°59'30" 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	Birapratappur	19°54'8" N	85°48'42" E	Dug Well
SADAR	Pratapramchandr	19°53'56" N	85°46'47" 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
PIPIL	Burhapara	20°8'31" N	85°45'18" E	Dug Well
SADAR	Totasahi	19°48'51" N	85°48'23" E	Dug 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
SADAR	Puri	19°48'40" N	85°49'33" E	Tube Well
BRAHMAGIRI	Girala	19°48'40" N	85°46'15" E	Dug 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
BRAHMAGIRI	Rebana nuagaon	19°47'59" N	85°42'11" E	Dug Well
BRAHMAGIRI	Brahmagiri	19°47'55" N	85°39'55" E	Dug Well
BRAHMAGIRI	Gopinathpur	19°44'22" N	85°34'23" 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°48'45" 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°48'38" 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°48'21" N	85°50'32" E	Dug Well
PIPIL	Pipli	20°6'56" N	85°50'2" E	Dug Well
NIMAPADA	Garapada	20°5'30" N	85°55'11" 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°48'20" 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
SADAR	Puri Urban	19°48'19" N	85°49'55" 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°48'14" N	85°50'48" E	Dug Well
SADAR	Puri Urban	19°48'14" N	85°48'40" 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
SADAR	Puri Urban	19°49'2" N	85°50'22" E	Dug Well
SADAR	Puri Urban	19°49'0" N	85°48'23" 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
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°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
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
BRAHMAGIRI	Gokhara	19°46'48" N	85°36'20" E	Dug Well
SATYABADI	Kumareswar	20°0'5" N	85°50'25" E	Dug Well
ASTARANGA	Astarang	19°58'50" N	86°16'30" E	Dug Well
NIMAPADA	Nimapara	20°3'16" N	86°0'12" E	Dug Well
PIPIL	Mangalpur	20°2'55" N	85°49'45" E	Dug Well
NIMAPADA	Balanga	20°2'12" N	85°53'10" E	Dug Well
	DISTRICT_NAME	RAYAGADA		
KASHIPUR	Kashipur	19°21'15" N	83°7'11" E	Dug Well
KASHIPUR	Gorakhpur	19°14'27" N	83°6'43" E	Dug Well
PADMAPUR	Narainpur	19°21'40" N	83°58'0" E	Dug Well
RAMANGUDA	Durgi	19°20'34" N	83°35'48" E	Dug Well
PADMAPUR	Akhusingi	19°16'25" N	83°51'31" E	Dug Well
MUNIGUDA	Ambadola	19°50'7" N	83°27'29" E	Dug Well
GUNUPUR	Gunupur	19°4'46" N	83°48'42" 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	Gumda	19°13'12" N	83°46'18" E	Dug Well
RAMANGUDA	Ramnaguda	19°12'45" N	83°40'3" 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
RAYAGADA	Shirikona	19°10'32" N	83°22'41" E	Dug Well
GUNUPUR	Dambasara	19°10'9" N	83°50'29" E	Dug Well
RAYAGADA	Rayagada	19°10'0" N	83°24'0" E	Dug Well

RAYAGADA	Kombhikot	19°7'8" N	83°15'2" 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
GUDARI	Gudari	19°18'50" N	83°56'10" E	Dug Well
	DISTRICT_NAME	SAMBALPUR		
DHANKAUDA	Jamadarpli	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
DHANKAUDA	Christianpara	21°31'30" N	83°54'15" E	Dug Well
JAMANKIRA	Badarama	21°29'24" N	84°16'36" E	Dug Well
DHANKAUDA	Rengali	21°37'55" N	84°2'58" E	Dug Well
JAMANKIRA	Mahaling Kudor	21°36'57" N	84°21'22" E	Dug Well
JAMANKIRA	Phasimal	21°35'40" N	84°17'15" E	Dug Well
MANESWAR	Maltisubanpur	21°24'22" N	83°59'45" E	Dug Well
JAMANKIRA	Bhojpur	21°39'5" N	84°24'25" E	Dug Well
KOCHINDA	Kuchinda	21°44'33" N	84°20'54" E	Dug Well
KOCHINDA	Kusumi	21°45'53" N	84°31'39" E	Dug Well
RENGALI	Telkoloji	21°45'30" N	84°0'40" E	Dug Well
BAMRA	Kesaibahal	21°54'50" N	84°23'15" E	Dug Well
BAMRA	Bamra	22°3'2" N	84°17'25" E	Dug Well
JAMANKIRA	Subarna Pali	21°42'49" N	84°22'46" E	Dug Well
KOCHINDA	Boxma	21°42'49" N	84°22'46" E	Dug Well
KOCHINDA	Telitilimal	21°46'47" N	84°18'17" 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
MANESWAR	Gaurpalli	21°16'33" N	83°56'25" E	Dug Well
DHANKAUDA	Goudpalli	21°16'27" N	83°56'3" E	Dug Well
MANESWAR	Dhama	21°15'10" N	83°55'40" E	Dug Well
JUJOMURA	Jujhumura	21°14'22" N	84°8'15" E	Dug Well
MANESWAR	Deogaon	21°13'6" N	83°54'59" E	Dug Well
MANESWAR	Larasara	21°10'55" N	83°54'45" E	Dug Well
RAIRAKHOL	Mochibahal	21°10'15" N	84°9'50" E	Dug Well
RAIRAKHOL	Charmal	21°6'15" N	84°12'40" E	Dug Well
RAIRAKHOL	Bhaluchuan	21°4'48" N	84°22'0" E	Dug Well
RAIRAKHOL	Rairakhol(rampu	21°4'0" N	84°20'0" E	Dug Well
RAIRAKHOL	Rairakhol	21°4'0" N	84°20'0" E	Bore 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
JUJOMURA	Nildungri	21°27'30" N	84°6'40" E	Dug Well
JUJOMURA	Gorupali	21°27'0" N	84°10'15" 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	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
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
NAKTIDEUL	Naktideol	21°15'20" N	84°32'26" E	Dug Well
NAKTIDEUL	Daincha	21°10'7" N	84°25'56" E	Dug Well
	DISTRICT_NAME	SONAPUR		
SONEPUR	Khari	20°46'59" N	83°42'54" E	Dug Well
DUNGURIPALI	Harbhanga	20°58'50" N	83°34'58" E	Dug Well
BINIKA	Antarda	21°2'53" N	83°46'51" E	Dug Well
ULUNDA	Ulunda	20°58'23" N	83°53'38" E	Dug Well
BINIKA	Koiramunda	20°57'59" N	83°45'0" E	Dug Well
BINIKA	Sansamura	20°55'55" N	83°47'12" E	Dug Well
BINIKA	Mahadevpali	20°55'38" N	83°47'42" E	Dug Well
BIRAMAHAHAJPUR	Biramaharajpur	20°55'37" N	84°3'32" E	Dug Well
BIRAMAHAHAJPUR	Subalaya	20°53'38" N	84°10'5" E	Dug Well
ULUNDA	Metakani	20°51'39" N	83°57'51" E	Dug Well
ULUNDA	Mahada	20°51'39" N	83°57'51" E	Dug Well
SONEPUR	Arjunpur	20°51'16" N	83°49'22" E	Dug Well
ULUNDA	Sonepur	20°51'8" N	83°54'15" E	Dug Well
SONEPUR	Bagduli	20°49'0" N	83°45'48" E	Dug Well
TARBHA	Sargaj	20°41'54" N	83°40'12" E	Dug Well
TARBHA	Palsapadar	20°39'8" N	83°39'3" E	Dug Well
TARBHA	Bairasar	20°38'50" N	83°40'43" 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	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
ULUNDA	Danipani	21°2'48" N	83°48'0" E	Dug Well
DUNGURIPALI	Dungripalli	21°2'38" N	83°33'12" E	Dug Well
ULUNDA	Binika	21°1'46" N	83°48'45" E	Dug Well
DUNGURIPALI	Bhimitikra	21°1'0" N	83°42'3" 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°59'33" N	83°46'25" E	Dug Well
ULUNDA	Jhamchhapar	20°58'20" N	83°48'2" E	Dug Well
	DISTRICT_NAME	SUNDARGARH		
SUNDARGARH	Bhedabahal	22°2'45" N	84°2'10" E	Dug Well
HEMGIR	Taparia	22°2'20" N	83°33'30" E	Dug Well
SUNDARGARH	Jagimal	21°59'22" N	83°58'35" E	Dug Well
SUNDARGARH	Deolipali	21°59'11" N	84°1'32" E	Dug Well
HEMGIR	Himgiri	21°56'40" N	83°42'5" E	Dug Well
BARAGAON	Sahajbahal	22°12'25" N	84°24'52" E	Dug Well
SUBDEGA	Alikera	22°11'35" N	84°1'5" 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	Tangarpalli	22°8'15" N	83°58'22" E	Bore 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
TANGARAPALI	Ujalpur	22°4'57" N	83°55'7" E	Dug Well
SUNDARGARH	Ledhimang	22°3'29" N	84°11'28" E	Dug Well
HEMGIR	Gopalpur	22°3'0" N	83°42'30" E	Dug Well
BALISANKARA	Talsara	22°21'42" N	84°6'2" E	Dug Well
BALISANKARA	Talasara	22°21'42" N	84°6'2" E	Bore 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

GURUNDIA	Jarada	21°47'6" N	84°34'54" 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
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°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°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°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°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°15'22" 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°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°13'34" N	84°51'39" E	Dug Well
BISRA	Rourkela Urban	22°13'33" N	84°50'32" E	Dug Well
BISRA	Rourkela Urban	22°13'12" N	84°48'54" E	Dug Well
BISRA	Rourkela Urban	22°11'35" N	84°51'45" E	Dug Well
BISRA	Rourkela Urban	22°11'15" N	84°51'18" E	Dug Well
GURUNDIA	Kundeidiha	21°47'48" N	84°41'50" E	Dug Well
GURUNDIA	Gurundia	21°50'48" N	84°46'4" E	Bore Well
LAHUNIPARA	Darjin	21°56'6" N	84°53'18" 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
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	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
BISRA	Vedavyas chak	22°13'45" N	84°47'10" 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
SUNDARGARH	Barogar	22°2'30" N	84°3'47" 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
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
RAJAGANGAPUR	Rajgangpur	22°11'25" N	84°34'45" E	Dug Well
TANGARAPALI	Balijori	22°7'48" N	83°53'13" E	Dug Well
SUNDARGARH	Sundargar Bypass Chawk	22°7'34" N	83°55'4" E	Dug Well
KOIDA	Koira	21°54'23" N	85°15'15" E	Dug Well
LAHUNIPARA	Lahunipara	21°52'54" N	84°56'30" E	Dug Well
GURUNDIA	Gurundia	21°50'48" N	84°46'4" E	Dug Well
LAHUNIPARA	Bonaigarh	21°49'5" N	84°57'30" E	Dug Well
BISRA	Rourkela Urban	22°15'22" N	84°51'37" E	Dug Well
BISRA	Rourkela Urban	22°15'10" N	84°52'23" 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

SI. 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

SI. 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

SI. 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

SI. 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	Manikypur	Dharakole	84° 30' 10"	19/6/98	33	15	0.8	do	Granite	4.25	30-31	1.8
	New PHC Compund		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.

SI. 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

SI. 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

SI. 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	5-5.5,8-8.5	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	Odogeon	Odogeon	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

SI. 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

SI. 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

SI. 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

SI. 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	Gurundiha	84° 46' 04"	05/06/1999	34.4	18.6	0.6	125/115	Granite-Gneiss	5.72	25	1.48
	Block Office Compound		21° 50' 48"									
2	Tangarpali	Tangarpali	83° 58' 22"	05/07/1999	39.63	23.6	0.6	do	Mica-Schist	6.18	24.5, 36	0.5
	Block Office Compound		22° 08' 15"									
3	Bimitrapur	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

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1	Amna	1.90		3.58	-1.68	
2	Angul1	1.85	8.10	3.63	-1.78	4.47
3	Attamallick	4.20	6.52	1.60	2.60	4.92
4	Bagharia	1.30		1.15	0.15	
5	Balanda	4.10	4.43	3.28	0.82	1.15
6	Bamur	3.15	6.21	2.01	1.14	4.20
7	Banarpal1	3.40		2.97	0.43	
8	Bantala	4.10	7.45	3.20	0.90	4.25
9	Bantala-li	3.50	8.02	2.45	1.05	5.57
10	Barhabahal	4.05	7.32	2.30	1.75	5.02
11	Bhogabereni	0.60	8.26	1.04	-0.44	7.22
12	Boinda1	2.15	7.00	3.08	-0.93	3.92
13	Boinda-li	1.90	5.87	2.28	-0.38	3.59
14	Chainpal	9.40	13.57	9.20	0.20	4.37
15	Chendipada1	1.95	6.31	2.31	-0.36	4.00
16	Derjung	7.30	9.44	7.22	0.08	2.22
17	Goribandha	5.00	9.25	4.45	0.55	4.80
18	Handpa	1.50	5.62	1.98	-0.48	3.64
19	Handpa-li	2.00	6.22	1.86	0.14	4.36
20	Jagannathpur		6.91	3.41		3.50
21	Jamardihi		6.45	2.09		4.36
22	Jarpada	2.30	6.47			
23	Jharpada	3.50	5.98	3.70	-0.20	2.28
24	Katada		5.61	1.87		3.74
25	Khamar-1		8.41	3.71		4.70
26	Khamar-li	4.50	8.12	4.72	-0.22	3.40
27	Kosala1	1.45	5.05	1.45	0.00	3.60
28	Kuio	2.00	5.26	2.10	-0.10	3.16
29	Kukurang	2.30	4.76	1.76	0.54	3.00
30	Kulnara1	2.10	7.22	2.97	-0.87	4.25
31	Mahidharpur	4.50	13.69	2.49	2.01	11.20
32	Maratira	2.20	5.38	1.25	0.95	4.13
33	Nisa	2.40	3.68	2.09	0.31	1.59
34	Pabitranganar pz	10.75				

35	Pallahara1	2.15	5.80	2.25	-0.10	3.55
36	Panchmahala	3.90	10.38	3.33	0.57	7.05
37	Panchmahala-li	4.30	9.40	3.05	1.25	6.35
38	Paranga		1.62	0.83		0.79
39	Purnakot	4.70	7.19	4.51	0.19	2.68
40	Samal	1.90	2.68	1.65	0.25	1.03
41	Seepur	2.80	10.08	2.88	-0.08	7.20
42	Sendhogram	2.40	5.72	5.17	-2.77	0.55
43	Sipur	3.50	7.97	4.00	-0.50	3.97
44	Srirampur		7.35	2.55		4.80
45	Talcher1	5.30	9.60	8.70	-3.40	0.90
46	Tentulai	2.30	3.89	2.72	-0.42	1.17
47	Thakurgarh 1	1.40	5.44	3.09	-1.69	2.35
48	Tikarpara	2.25		1.09	1.16	
49	Tikarpara-ii	2.70	7.91			
50	Tileswar		6.10	2.12		3.98
51	Tubey	2.10	4.94	1.80	0.30	3.14
52	Tulsipal	2.10	4.84	1.56	0.54	3.28

District : BALANGIR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
53	Agalpur	4.33		4.95	-0.62	
54	Atgan	2.59		1.75	0.84	
55	Baijal Sagar		4.31	3.18		1.13
56	Banjari		4.20	3.24		0.96
57	Belgaon	2.76	5.59	2.15	0.61	3.44
58	Belpara	3.60	4.18	4.65	-1.05	-0.47
59	Bharsuja	3.00	3.95	2.15	0.85	1.80
60	Bolangir-1	3.37	5.11	4.35	-0.98	0.76
61	Bolangir-ii	3.65	5.05	1.78	1.87	3.27
62	Bongamunda	4.78	6.02	2.93	1.85	3.09
63	Burda1	2.88	5.61	3.05	-0.17	2.56
64	Chhatamakhan	3.83	4.95	2.20	1.63	2.75
65	Churapali	2.77	5.00	4.00	-1.23	1.00
66	Deogan	3.68				
67	Dhumamara	1.80	4.36	1.75	0.05	2.61
68	Dulusara			4.30		
69	Dumalpada		5.68	3.10		2.58
70	Dumerbahal	4.88	7.12	5.90	-1.02	1.22
71	Gaintala	2.48	4.86	2.40	0.08	2.46
72	Ghambari	4.42	4.10	2.45	1.97	1.65
73	Gorcochia	3.78	6.16	4.30	-0.52	1.86
74	Gudighat	2.79	5.36	3.40	-0.61	1.96
75	Haladia	5.55	7.14	3.10	2.45	4.04
76	Hardatal	2.62		3.90	-1.28	
77	Harisankar	2.15				
78	Ichhapur	2.83	4.73	1.44	1.39	3.29
79	Jogimunda	3.38	5.44	4.40	-1.02	1.04
80	Jogisurda	3.70	6.48	3.00	0.70	3.48
81	Kantabanji	2.80	6.71	3.77	-0.97	2.94
82	Khaprakhol	5.23	6.36	4.76	0.47	1.60
83	Kholan	4.42	7.23	3.90	0.52	3.33
84	Kurli		5.78	3.93		1.85
85	Kurusur	3.00				
86	Lathor	4.78		8.30	-3.52	
87	Loisinga		4.99	2.88		2.11
88	Muribahal	4.22	7.15	4.22	0.00	2.93
89	Nuagaon2	3.30	5.58	2.95	0.35	2.63
90	Padampur		5.69	2.35		3.34
91	Patnagarh	3.26				

92	Patnagarh-li	4.66	7.09	4.45	0.21	2.64
93	Phulkimunda		4.30	2.30		2.00
94	Pudapalli		3.83	1.35		2.48
95	Rampur		4.33	7.65		-3.32
96	Randa	2.55	3.77	1.70	0.85	2.07
97	Saintala <new>	0.69		2.23	-1.54	
98	Salandi		5.82	2.40		3.42
99	Salebhata	1.16	3.80	3.32	-2.16	0.48
100	Sarmohan-l	0.95	4.72	1.55	-0.60	3.17
101	Sikachhira	5.14				
102	Sindhikela	4.21		3.50	0.71	
103	Suka	2.79	4.95	1.80	0.99	3.15
104	Titisilet		5.99	4.65		1.34
105	Titlagarh1	6.68		3.60	3.08	
106	Tureikela	4.90				
107	Tusura	3.56				

District : BALESHWAR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
108	Baband		7.92	2.31		5.61
109	Baghudi	5.29	7.83	3.15	2.14	4.68
110	Bahanga	4.92	7.29	2.58	2.34	4.71
111	Baliapal		5.93			
112	Bankisial		6.09	1.75		4.34
113	Basta	4.18	7.29	2.61	1.57	4.68
114	Benthiapada		5.61	2.63		2.98
115	Bhagabondh		5.39	1.85		3.54
116	Bhalukasuni 1		6.21	2.92		3.29
117	Chalanti		8.29	1.73		6.56
118	Chandipur	3.71	6.20	2.41	1.30	3.79
119	Chekamara		7.39	3.15		4.24
120	Chhatrapur	4.45				
121	Darkholi	6.03	5.93	3.50	2.53	2.43
122	Dasarathipur Sasan			3.21		
123	Govindpur	4.91	7.80	2.75	2.16	5.05
124	Jamsuli	4.70		1.98	2.72	
125	Jhomghati			3.58		
126	Kalakud	4.50				
127	Kansa1	4.87	8.81	2.92	1.95	5.89
128	Khaira	5.93				
129	Khontopara	4.38	5.31	1.51	2.87	3.80
130	Kunchibenia		6.39	1.98		4.41
131	Kupari	4.12	7.68	1.92	2.20	5.76
132	Lingapada			3.31		
133	Mahamadnagarpat		6.21	2.61		3.60
134	Markona	4.78	7.59	2.41	2.37	5.18
135	Mitrapur	4.14	9.13	2.20	1.94	6.93
136	Nilgiri	5.71	7.90	3.18	2.53	4.72
137	Oupada	5.89	8.49	2.87	3.02	5.62
138	Raibania	4.92	7.82	2.04	2.88	5.78
139	Raj-Berhampur-li	3.26				
140	Rajnagar1	5.38				
141	Remuna	5.37	8.13	4.82	0.55	3.31
142	Rupsa	3.13	6.20	0.93	2.20	5.27
143	Sajnagarh-li	3.65				
144	Saragaon	7.03	8.31			
145	Sasanbar	5.53	7.31	1.73	3.80	5.58
146	Sathi	3.88	8.04	2.41	1.47	5.63

147	Siadimal			3.13		
148	Sialghati		7.49	3.51		3.98
149	Simulia	3.45				
150	Soro	6.39	7.11	1.70	4.69	5.41
151	Tenda		5.91	2.71		3.20
152	Tudigada	5.27				

District : BARGARH

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
153	Amthi	5.12				
154	Attabira1	1.65	6.95	2.55	-0.90	4.40
155	Baghapalli		1.71	1.47		0.24
156	Bargarh1	1.92	6.55	2.42	-0.50	4.13
157	Berangapalli	1.21				
158	Bheden	0.85				
159	Bhukta	1.93	2.70	1.25	0.68	1.45
160	Bijepur1	3.71				
161	Boipur	0.88	1.04	0.98	-0.10	0.06
162	Burda	1.32	0.87	0.92	0.40	-0.05
163	Burdapali		3.95	1.25		2.70
164	Chaklifarm	0.84	0.45	0.45	0.39	0.00
165	Chichinda	1.11	0.75			
166	Dang	1.89	4.42	1.45	0.44	2.97
167	Dumalpali		6.35	1.52		4.83
168	Dungri			1.90		
169	Gaisilet		5.18	1.84		3.34
170	Gondtarum	0.62	0.75	1.79	-1.17	-1.04
171	Gopipali		7.27	2.37		4.90
172	Gorbhaga	2.00	1.60	1.85	0.15	-0.25
173	Hirapur		6.64	1.02		5.62
174	Jamset		3.95	2.61		1.34
175	Jamurda	0.87	0.70	0.85	0.02	-0.15
176	Jaring		5.04	2.08		2.96
177	Kalapanichak	0.75	0.62	0.51	0.24	0.11
178	Kantabahal	4.94	6.35	5.12	-0.18	1.23
179	Katapali		4.83			
180	Kharmanda		2.37	1.30		1.07
181	Kharmunda		6.32	3.48		2.84
182	Khuntapali		2.95	2.10		0.85
183	Khutlipalli	3.40	9.70	2.70	0.70	7.00
184	Kulunda	1.37	1.40	1.57	-0.20	-0.17
185	Kumbhari	1.08	1.02	1.00	0.08	0.02
186	Kurla		1.05	1.15		-0.10
187	Kusanpur	2.07	5.65	1.62	0.45	4.03
188	Larambha	1.51	1.18	1.42	0.09	-0.24
189	Lastala	1.77	1.70	2.12	-0.35	-0.42
190	Lenda	2.28	1.68	1.53	0.75	0.15
191	Lupursinga	1.89	2.30	1.95	-0.06	0.35

192	Mahada	2.40	5.15	2.17	0.23	2.98
193	Mahulpali	2.69		3.30	-0.61	
194	Majhipali		5.78	3.55		2.23
195	Malada		6.10	2.02		4.08
196	Mithapali		3.94	1.08		2.86
197	Padampur1		2.97			
198	Para		6.52	2.67		3.85
199	Patrapalli	2.61	3.15	2.50	0.11	0.65
200	Purena		5.75	1.75		4.00
201	Puturipali		1.20	0.60		0.60
202	Remenda		1.75	1.18		0.57
203	Rengalpali	0.85	0.87	0.81	0.04	0.06
204	Rusuda		0.84	0.70		0.14
205	Sarala		0.75	1.15		-0.40
206	Satlama	3.11	5.71	3.04	0.07	2.67
207	Sikirdi	0.94	0.70	0.77	0.17	-0.07
208	Sulsulia		5.20	0.90		4.30
209	Top	0.58	0.76	0.80	-0.22	-0.04
210	Tora	1.28	0.95	1.05	0.23	-0.10
211	Uttam		1.94	1.63		0.31

District : BAUDH

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
212	Adenearh	3.40	4.12	1.65	1.75	2.47
213	Ainlapali	2.75	4.04	1.64	1.11	2.40
214	Arakhpadar	3.12	7.19	3.00	0.12	4.19
215	Badhigan	2.42	4.26	2.15	0.27	2.11
216	Baispada	3.58				
217	Baring		6.91	4.30		2.61
218	Baunsuni	1.89	5.48	2.46	-0.57	3.02
219	Birnarsingpur	3.30		4.30	-1.00	
220	Boudh	3.11	5.33	4.60	-1.49	0.73
221	Charichak	4.16	4.35	2.40	1.76	1.95
222	Chatarang	3.01	5.15	2.90	0.11	2.25
223	Dahya		5.86	2.05		3.81
224	Damamunda	3.88	6.11	2.75	1.13	3.36
225	Dholpur	2.25	4.32	2.20	0.05	2.12
226	Gambhari Padar		4.73	1.60		3.13
227	Gohipita		5.56	3.30		2.26
228	Harbanga	3.45		3.00	0.45	
229	Harekrishnapur	2.38	5.68	2.12	0.26	3.56
230	Jahanapank		4.82	2.28		2.54
231	Kantamal	4.35	6.61	2.50	1.85	4.11
232	Kusang	3.39	7.01	5.30	-1.91	1.71
233	Landibandh	2.05	5.00	1.90	0.15	3.10
234	Laxmanpur			1.30		
235	Maheswar Pinda		4.06	1.70		2.36
236	Manamunda	3.64	7.95	3.00	0.64	4.95
237	Nuapada	3.15	5.46	2.52	0.63	2.94
238	Nuapali		4.81	0.80		4.01
239	Nunibahal	3.36	4.60	2.80	0.56	1.80
240	Palasaguda	3.41	5.64	1.80	1.61	3.84
241	Polam	2.80		1.90	0.90	
242	Purnakatak1	4.52		5.35	-0.83	
243	Purunakatak		4.88	3.10		1.78
244	Radha Nagar		5.96	3.52		2.44
245	Sangrampur	3.01	5.02	2.30	0.71	2.72
246	Sanrahajhar	4.20	7.11	4.50	-0.30	2.61
247	Singrachhak	3.63	4.79	1.63	2.00	3.16
248	Telibandha	2.66	5.74	2.45	0.21	3.29
249	Tilesar	3.62	6.16	2.50	1.12	3.66
250	Tukulunda	3.46	6.30	2.40	1.06	3.90

District : BHADRAK

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
251	Ada Sasan		5.41	1.31		4.10
252	Agarpara	5.29	7.40	2.14	3.15	5.26
253	Akhuapada	6.39	8.73	3.15	3.24	5.58
254	Bagdavinayakpur		4.31	1.48		2.83
255	Balipatna		5.13	1.31		3.82
256	Banth	4.63	7.57	2.18	2.45	5.39
257	Bentola		6.21	1.31		4.90
258	Betaligaon	4.70	7.09	1.89	2.81	5.20
259	Bhadrak1	5.07	5.10	2.72	2.35	2.38
260	Bhandaripokhri	6.31	8.51	3.20	3.11	5.31
261	Chandbali-2		6.17	2.31		3.86
262	Dhamnagar	5.47	7.13			
263	Durgapur		5.67	2.30		3.37
264	Gujidarha		6.07	3.18		2.89
265	Kadabaranga		5.71	2.72		2.99
266	Kothar	5.83	7.49	3.18	2.65	4.31
267	Puriparabenipur	5.18	8.03	2.68	2.50	5.35
268	Rambhila		5.21	1.40		3.81
269	Sabrang	4.90	7.13	2.38	2.52	4.75
270	Tihidi	3.87	7.81			
271	Uttarabahini		5.31	1.59		3.72

District : CUTTACK

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
272	Abhimanpur	0.20	4.80	0.53	-0.33	4.27
273	Achhampur	1.05	3.50	0.90	0.15	2.60
274	Adaspur	1.00	3.38	1.13	-0.13	2.25
275	Anantapur		2.55	0.45		2.10
276	Athagarh-1		5.75	2.83		2.92
277	Aunlo	2.32	3.90	1.02	1.30	2.88
278	Balichandrapur	1.15	3.05	0.84	0.31	2.21
279	Banki1	2.98	4.95	1.30	1.68	3.65
280	Baramba	1.90	9.14	2.55	-0.65	6.59
281	Baranga	1.20	3.40	0.96	0.24	2.44
282	Bentkar	3.87	5.00	1.08	2.79	3.92
283	C-01 Balikuda		3.16	2.82		0.34
284	C-02 Gopalpur		3.59	2.99		0.60
285	C-03 Khannagar		3.51	2.09		1.42
286	C-04 Khannagar (Kalivihar)		2.46	2.76		-0.30
287	C-05 CDA (Ward.7)		4.22	4.18		0.04
288	C-06 Bidanasi		3.32	3.65		-0.33
289	C-07 Sekhbazar		3.60	2.70		0.90
290	C-08 Jobra Launch Ghat		3.88	2.33		1.55
291	C-09 Bose Campus		3.63	3.05		0.58
292	C-10 Sikharpur		3.56	1.88		1.68
293	C-11 Badambadi		3.62	2.35		1.27
294	C-12 Nimasahi (Haripur)		3.51	3.08		0.43
295	C-13 Mahammadia Bazar		4.01	3.71		0.30
296	C-14 Chandi Mandir		4.10	2.95		1.15
297	C-15 Cant. Road (Tulsipur)		3.25	3.16		0.09
298	C-16 Bauxi Bazar		4.10	3.23		0.87
299	C-17 Fakirpur		4.20	2.73		1.47
300	C-18 Jagatpur		4.87	4.14		0.73
301	C-19 Chauliaganj			2.60		
302	C-20 Nadikula sahi (Sikharpur)			2.25		
303	C-21 Bidyadharpur		3.89	3.78		0.11
304	C-22 Andarpur		4.07	2.37		1.70
305	C-23 Railway Colony (OMP S		4.50	3.00		1.50
306	C-24 Nuagarh		4.00	3.11		0.89
307	C-25 Balikuda-2		4.32	2.28		2.04
308	C-26 Jagatpur-2		4.92	3.19		1.73
309	C-27 Manguli Chhak		3.98	3.45		0.53
310	C-28 Jagatpur-3 (Nuasahi)			4.12		

311	C-29 Khapuria Bazar		4.70	3.88		0.82
312	C-30 Khapuria (Nuapada)		2.69	2.15		0.54
313	C-31 Pithapur		3.33	2.01		1.32
314	Choudwar		2.95	3.00		-0.05
315	Chowdwar	2.80				
316	Cuttack Town	3.00	5.50	1.15	1.85	4.35
317	Fategarhbazarsa	2.00	4.10	1.00	1.00	3.10
318	Gopalpur2	2.64	4.00	0.95	1.69	3.05
319	Gopapur	1.30	4.30	2.15	-0.85	2.15
320	Gunadol(chingud	2.00	3.35	1.04	0.96	2.31
321	Jagatpur-i	3.48	4.62	1.24	2.24	3.38
322	Jagatpur-II	0.81	2.10	0.80	0.01	1.30
323	Jharpara	1.30	3.00	0.92	0.38	2.08
324	Kanapur	0.85	2.79	1.91	-1.06	0.88
325	Kandarpur	3.68	5.00	1.45	2.23	3.55
326	Kantapara1	3.27	5.15	1.39	1.88	3.76
327	Karadibandh		4.72	1.60		3.12
328	Khuntuni	1.45	2.60	1.20	0.25	1.40
329	Kuapal	1.60	3.80	0.90	0.70	2.90
330	Kulailo	1.10	3.74	0.75	0.35	2.99
331	Kulia Market		3.03			
332	Kusunpur	3.05	4.35	1.00	2.05	3.35
333	Madhab	2.86	3.55	0.88	1.98	2.67
334	Mahanga	0.92	2.81	1.00	-0.08	1.81
335	Megha		3.58	0.95		2.63
336	Nachhipur		3.40	0.90		2.50
337	Nandalagada		2.53	0.69		1.84
338	Narsingpur	2.00	6.40	2.25	-0.25	4.15
339	Natara(matkatpu	0.79	2.94	1.00	-0.21	1.94
340	Niali	1.96	5.35	1.48	0.48	3.87
341	Nimpur		4.38	1.15		3.23
342	Oranda		8.47	4.36		4.11
343	Paikasahi		2.60	0.50		2.10
344	Radha Gobindapur		7.08	1.65		5.43
345	Raisunguda	0.98	2.30	0.75	0.23	1.55
346	Rajnagar	1.45	2.24	1.58	-0.13	0.66
347	Sankhmiri	1.20	2.55	1.46	-0.26	1.09
348	Saradapur	1.80	5.64	1.74	0.06	3.90
349	Sukhrapada	0.90	2.35	1.02	-0.12	1.33
350	Tangi1		6.48	2.35		4.13
351	Telengapenth		3.10	0.73		2.37
352	Tigiria		2.24	0.24		2.00

District : DEBAGARH

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
353	Barkot-iii	2.80	7.75	2.50	0.30	5.25
354	Deogarh	2.15	4.80	1.70	0.45	3.10
355	Kalkar		6.55	1.45		5.10
356	Kondal	3.05	6.45	1.35	1.70	5.10
357	Rengalbeda	1.35	2.85			
358	Riamal	2.87	4.60	0.65	2.22	3.95
359	Tarang			1.15		
360	Tileibani	4.23	7.75	2.60	1.63	5.15

District : DHENKANAL

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
361	Alnaberini	3.20				
362	Babandh		4.93	0.95		3.98
363	Badajhara			2.35		
364	Badasuanlo-Hatwari	3.30	5.88			
365	Baghdharia	0.60				
366	Baisingha	6.70	10.05	6.19	0.51	3.86
367	Baisingha-1	4.15				
368	Baisingha-li	7.15	9.88			
369	Baldiabandh	5.42	7.61	4.98	0.44	2.63
370	Balmi	4.50	9.18	5.17	-0.67	4.01
371	Balrampur	0.90	5.10	1.17	-0.27	3.93
372	Bandhnuagaon	1.90	6.10	1.84	0.06	4.26
373	Batgaon	3.20	5.88	2.52	0.68	3.36
374	Baulpur	4.25	4.80	3.05	1.20	1.75
375	Bhapur2	0.90	6.85	1.06	-0.16	5.79
376	Bhuban		6.03	4.18		1.85
377	Bhuban-li	1.80	4.60	2.03	-0.23	2.57
378	Deogaon	1.65	4.90	0.88	0.77	4.02
379	Dhaulpur	1.10	4.96	0.60	0.50	4.36
380	Dhenkanal	2.50	1.79	1.56	0.94	0.23
381	Gangutia	4.60	6.42	4.30	0.30	2.12
382	Goda	4.50	9.50	4.52	-0.02	4.98
383	Gondia 1	0.85	3.79	0.94	-0.09	2.85
384	Hatwari	3.15	6.08	3.14	0.01	2.94
385	Hindol 1	5.15	6.89	4.80	0.35	2.09
386	Joranda	3.65	8.65	4.83	-1.18	3.82
387	Kaimati	3.95	5.54	1.74	2.21	3.80
388	Kamakyanagar	4.10		4.29	-0.19	
389	Kamakyanagar-li	3.00	8.55	4.27	-1.27	4.28
390	Kandarsingha	3.02	5.28	1.37	1.65	3.91
391	Kankadahad	6.25	6.85			
392	Karanda	1.90	5.60	1.55	0.35	4.05
393	Mahulpal		5.83	1.76		4.07
394	Mandar	2.20	6.59	4.31	-2.11	2.28
395	Mathakaragola	7.90	9.25	6.92	0.98	2.33
396	Motanga	2.50	6.14	2.44	0.06	3.70
397	Motanga-li	2.50	6.44	2.48	0.02	3.96
398	Muktaposi	1.30	7.85	0.82	0.48	7.03
399	Parjang 1	1.70	10.60	1.39	0.31	9.21

400	Rasol	1.60	5.64	1.96	-0.36	3.68
401	Sading	2.00	5.22	1.28	0.72	3.94
402	Samacharanapur		6.00	1.85		4.15
403	Samole	3.10	6.48	2.10	1.00	4.38
404	Saptasaja	2.20	3.91	1.66	0.54	2.25
405	Shankarpur	1.90	4.39	2.04	-0.14	2.35
406	Singhada	2.00	3.52	1.75	0.25	1.77

District : GAJAPATI

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
407	Adaba	2.49	5.95	2.60	-0.11	3.35
408	Bistala		3.70			
409	Chandiput	6.25	10.17	6.35	-0.10	3.82
410	Chandragiri	5.41	10.45			
411	Damadua			1.18		
412	Dantarinalo		5.75	2.73		3.02
413	Gosani		3.39	1.19		2.20
414	K Sitarampur		4.65	1.85		2.80
415	Kalasing Banjero		4.56			
416	Kantragada		5.10	0.47		4.63
417	Kasinagar	0.60	2.10	2.46	-1.86	-0.36
418	Kattalakanita	1.31	6.35	2.75	-1.44	3.60
419	Khajuripara			2.97		
420	Kirama		7.45			
421	Luhaguda	5.01	8.91	2.12	2.89	6.79
422	Madhura-Amba		4.48	1.00		3.48
423	Mohana	1.70	9.03	1.90	-0.20	7.13
424	Narayanpur	1.71	5.65	1.72	-0.01	3.93
425	Parlakhemundi	0.92	3.65	1.19	-0.27	2.46
426	Raygarh	1.22	5.65	1.65	-0.43	4.00
427	Taramala		5.70	1.11		4.59
428	Tattipati		5.81	1.40		4.41
429	Tumbagarh			2.75		

District : GANJAM

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
430	Ambapua		8.00	4.00		4.00
431	Aska	0.02	4.82	0.91	-0.89	3.91
432	Badagarh	4.44	6.81	0.38	4.06	6.43
433	Badakhandi	0.96	2.66	0.55	0.41	2.11
434	Badakholi		2.26			
435	Bairibada	1.38	7.62			
436	Balipadar	0.30	4.46	0.91	-0.61	3.55
437	Bananai	0.61	1.27	0.95	-0.34	0.32
438	Baragam	0.67	4.36	1.35	-0.68	3.01
439	Belagan	1.25				
440	Belaguntha1	1.21	5.34	1.48	-0.27	3.86
441	Berhampur1	0.98	1.83	1.45	-0.47	0.38
442	Bhanjanagar-i	1.55	2.99	2.70	-1.15	0.29
443	Bhanjanagar-ii	3.28	7.36	6.17	-2.89	1.19
444	Bhetnai	0.23	3.97	1.20	-0.97	2.77
445	Buguda1	2.45	3.66	1.92	0.53	1.74
446	Chadeiapalli Chhak			1.10		
447	Chamkahandi	0.99	1.30	1.05	-0.06	0.25
448	Chatrapur1	1.23	8.00	1.50	-0.27	6.50
449	Chikiti	0.42	3.95	1.73	-1.31	2.22
450	Dadralunda	1.16	1.21			
451	Dharkote	0.84	2.14	1.59	-0.75	0.55
452	Digapandi	0.33	2.18	1.34	-1.01	0.84
453	Dumdumi	0.66	7.01	1.70	-1.04	5.31
454	Gallery	1.78	4.51			
455	Gangapur	0.52	4.92	1.25	-0.73	3.67
456	Ganjam	0.32	2.17	1.15	-0.83	1.02
457	Gayagonda	2.60	7.18	2.19	0.41	4.99
458	Gobara	0.55	5.76	0.45	0.10	5.31
459	Golabandha	5.07	11.32	2.93	2.14	8.39
460	Golanthara	1.69	5.41	3.05	-1.36	2.36
461	Gopalpur	1.03	1.15	1.00	0.03	0.15
462	Govindpur1	0.97	5.13	2.65	-1.68	2.48
463	Gudiali	2.03	6.76	1.37	0.66	5.39
464	Hinjalapalli	0.75	5.16	0.25	0.50	4.91
465	Hinjlikatu	0.23	5.18			
466	Huma	0.08	6.90	0.27	-0.19	6.63
467	Hummuri	0.44	5.95	0.70	-0.26	5.25
468	Jagannathprasad	0.70	6.01	1.51	-0.81	4.50

469	Jakara	0.24	5.67	1.29	-1.05	4.38
470	Jamuni	0.31	5.45	0.85	-0.54	4.60
471	Jarada1	0.11	2.43	0.35	-0.24	2.08
472	Jayantipur	0.76	5.88	0.78	-0.02	5.10
473	Jhadabhumi	0.45	6.21	1.59	-1.14	4.62
474	K.nuagan	0.80	4.93	2.75	-1.95	2.18
475	K.s.nagar	0.15	5.25	0.85	-0.70	4.40
476	Kalamb	1.52	4.92	1.40	0.12	3.52
477	Kamappalli	0.95	3.00	1.95	-1.00	1.05
478	Kanakia	3.02	6.34	3.18	-0.16	3.16
479	Karachuli	0.94	4.67	1.61	-0.67	3.06
480	Kendupadar	0.75	3.06	0.69	0.06	2.37
481	Khalikot	1.37	5.13	1.57	-0.20	3.56
482	Khandrabali	1.35	2.10	1.80	-0.45	0.30
483	Kodala	1.08	4.45	0.71	0.37	3.74
484	Koilingi	3.35				
485	Koitra	0.74				
486	Konishi	0.85	8.01	1.00	-0.15	7.01
487	Kontaipalli	1.32	3.16			
488	Korapalli	0.42	3.50	1.80	-1.38	1.70
489	Kukudahandi	0.67	5.37	1.05	-0.38	4.32
490	Lathi		2.93	1.05		1.88
491	Lathipada	0.43	5.69	2.02	-1.59	3.67
492	Laxmipur1	0.10	5.99	1.50	-1.40	4.49
493	Mangalpur2	1.30	4.66	1.40	-0.10	3.26
494	Mantridi	0.39	3.47	0.48	-0.09	2.99
495	Mujhagarh	1.20	7.10	4.70	-3.50	2.40
496	Mundamarai	1.22	1.68	1.62	-0.40	0.06
497	Narendrapur	5.82	10.40	4.08	1.74	6.32
498	Nuagaon2	0.67	6.19	1.24	-0.57	4.95
499	Nuapalli	0.12	7.85	0.98	-0.86	6.87
500	Nunipada			1.09		
501	Patapur	1.80	7.11	4.00	-2.20	3.11
502	Patrapur1	0.49	6.97	1.43	-0.94	5.54
503	Phulata	0.46	2.91	1.55	-1.09	1.36
504	Pitamberpur		4.29	0.90		3.39
505	Pochilima	2.03	4.40	2.05	-0.02	2.35
506	Poirasi		3.05	4.20		-1.15
507	Polasora	1.23	4.98	1.96	-0.73	3.02
508	Pudamari	0.49	6.39	0.93	-0.44	5.46
509	Pudangi	1.88	5.56	1.47	0.41	4.09
510	Purusatampur	2.54	5.03	3.20	-0.66	1.83
511	Rambha	2.05	2.90	1.75	0.30	1.15
512	Ratanpur	0.49	3.28	1.30	-0.81	1.98
513	Roigam	0.95	8.73	1.85	-0.90	6.88
514	Saishamuli	2.88	6.69	5.33	-2.45	1.36
515	Sheragada1	0.32	6.10	5.00	-4.68	1.10
516	Sorada	0.64	7.00	1.05	-0.41	5.95
517	Subash Ch.Pur		5.98	2.38		3.60
518	Suramani	2.58		5.10	-2.52	
519	Surangi	1.11	6.25	2.08	-0.97	4.17

520	Surlaroad	2.72	5.70	2.60	0.12	3.10
521	Tanganapalli	2.50	3.90	2.58	-0.08	1.32
522	Tarasingi	1.59	4.28	3.83	-2.24	0.45
523	Tilisingi	0.88	3.59	3.15	-2.27	0.44
524	Turumu	0.58	2.34			
525	Turumu1		2.55	2.24		0.31

District : JAGATSINGHAPUR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
526	Badapal		3.87	1.00		2.87
527	Balarampur		3.40	0.95		2.45
528	Balia Store		3.05	1.00		2.05
529	Balikuda	1.03	3.40	0.92	0.11	2.48
530	Balituth		3.00	0.92		2.08
531	Bhutmundi		2.10	0.35		1.75
532	Borikina	1.95	3.60	1.02	0.93	2.58
533	Ersama	1.00	2.70	0.40	0.60	2.30
534	Gopinathpur	0.93	3.00	0.31	0.62	2.69
535	Govindpur	0.85	3.85	1.05	-0.20	2.80
536	Jagannathpur1	2.03	3.76	0.92	1.11	2.84
537	Kanakpur	0.88	2.85	0.65	0.23	2.20
538	Kujang	1.49	3.20	0.89	0.60	2.31
539	Kumartota chak	1.85	3.20	0.70	1.15	2.50
540	Machgaon	1.17	3.62	0.88	0.29	2.74
541	Nausira		2.55	0.44		2.11
542	Nuagaon2	1.58	3.10	0.98	0.60	2.12
543	Paradeep	4.18	6.00	1.83	2.35	4.17
544	Paradeepgarh1	0.70	2.50	0.88	-0.18	1.62
545	Raghunathpur	3.00	5.00	1.05	1.95	3.95
546	Sampur			0.76		
547	Sinharpur		2.80	0.70		2.10

District : JAJAPUR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
548	Ambasar	2.23	6.24	2.32	-0.09	3.92
549	Arkhapur	1.68	5.21	1.41	0.27	3.80
550	Balrampur	10.93				
551	Barchana	1.49	4.84	2.10	-0.61	2.74
552	Binjharpur		6.39			
552	Binjharpur	3.62		1.89	1.73	
553	Chandeidhara	3.67	8.71	3.18	0.49	5.53
554	Chandikhole	1.72	5.90	3.43	-1.71	2.47
555	Chhatia	2.38	6.20	3.07	-0.69	3.13
556	Chinguripal			4.18		
557	Danagadi	3.18		2.07	1.11	
558	Danagadi-li	8.31	11.50	4.31	4.00	7.19
559	Darpani	3.25	8.24	2.78	0.47	5.46
560	Dharmsala	2.48	5.45	1.81	0.67	3.64
561	Dubri	3.13		2.07	1.06	
562	Dubri-li	7.41	9.31	3.90	3.51	5.41
563	Garamian	3.91		4.31	-0.40	
564	Haridaspur	3.01	4.00	1.30	1.71	2.70
565	Hatibari	3.71	8.33	2.18	1.53	6.15
566	Jajpur	3.83	5.77	3.30	0.53	2.47
567	Jajpur road	1.81				
568	Jakhpura	2.13	6.73	2.78	-0.65	3.95
569	Jakhpura-li	3.75		3.51	0.24	
570	Kabatabandha	2.03	7.21	2.31	-0.28	4.90
571	Kabirpur	4.21	8.04	2.51	1.70	5.53
572	Kalarangi	3.78	8.20	3.21	0.57	4.99
573	Kalarangi-li	3.91		3.38	0.53	
574	Kaliapani	5.40		4.30	1.10	
575	Kuakhia	3.18	7.13	3.14	0.04	3.99
576	Madhupurgarh	3.31	6.99	2.83	0.48	4.16
577	Mangalpur	4.73		2.53	2.20	
578	Mangalpur2	2.13	5.70	1.39	0.74	4.31
579	Neulpur	1.30	6.59	2.38	-1.08	4.21
580	Pankpal	1.95		2.81	-0.86	
581	Ragadi	1.85		2.93	-1.08	
582	Rampei	1.38	7.41	3.71	-2.33	3.70
583	Saruabil(nuasah	4.88				
584	Singpur	4.18		5.01	-0.83	
585	Sukinda	4.90		1.53	3.37	

586	Sukinda-li	5.16	5.31	-0.15
587	Sukurangi	6.21		
588	Tolagarh	1.49	3.08	-1.59
589	Tomka	12.43		
590	Vyasnagar	5.72	5.31	0.41

District : JHARSUGUDA

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
591	Badmal		4.35	1.45		2.90
592	Belpahar	3.80	6.75	3.65	0.15	3.10
593	Bhalupatra		5.30	1.85		3.45
594	Bhikhampali	3.00	6.15	2.45	0.55	3.70
595	Brajrajnagar	5.05		5.05	0.00	
596	Jharsuguda1	4.80	6.85	4.25	0.55	2.60
597	Katarbaga	1.10	2.55	1.15	-0.05	1.40
598	Kirimera	1.60	4.15	1.55	0.05	2.60
599	Laikera	1.85	5.50	1.85	0.00	3.65
600	Lakhanpur	3.60	6.85	2.85	0.75	4.00
601	Panchagaon		4.45	1.05		3.40
602	Sahaspur		5.15	1.35		3.80
603	Singarpur		2.40	1.65		0.75

District : KALAHANDI

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
604	Ampani	2.10	6.00	1.80	0.30	4.20
605	Attanguda		5.10	1.50		3.60
606	Badbasul	3.80	4.70	3.35	0.45	1.35
607	Baldiamal	1.50	2.35	1.60	-0.10	0.75
608	Bandigaon	2.10	3.10	1.90	0.20	1.20
609	Baner	2.90	4.80	1.95	0.95	2.85
610	Bawanipatna	2.80	6.80	2.60	0.20	4.20
611	Bijamara	3.20	5.20	3.52	-0.32	1.68
612	Biswanathppur		6.70	4.10		2.60
613	Chiliguda	2.90				
614	Chiliguda1		3.90	2.30		1.60
615	Dalguma	7.10	10.50	6.80	0.30	3.70
616	Daspur	3.80	4.90	3.10	0.70	1.80
617	Dharamgarh	4.10	8.10	3.85	0.25	4.25
618	Golmunda	2.70	5.55	1.90	0.80	3.65
619	Gunupur	0.80		0.70	0.10	
620	Jaipatna	1.80	3.10	1.40	0.40	1.70
621	Jaring	1.80	6.70	1.20	0.60	5.50
622	Junagarh	2.10	5.50	1.90	0.20	3.60
623	Jurakhaman	1.70	7.10	2.10	-0.40	5.00
624	Kalampur	1.50	1.25	1.95	-0.45	-0.70
625	Karlapada	3.00	6.25	2.52	0.48	3.73
626	Kegaon	4.20	6.10	3.35	0.85	2.75
627	Kesinga1	6.80	8.50	5.85	0.95	2.65
628	Koksara	2.10	4.20	1.38	0.72	2.82
629	Madanpur	4.80				
630	Madanpur1		7.10			
631	Mahichala	1.20	1.70	1.05	0.15	0.65
632	Malgaon		4.20	0.85		3.35
633	Moter	3.10	3.60	2.20	0.90	1.40
634	M-rampur	4.20	5.85	3.50	0.70	2.35
635	Mukhiguda	2.80	3.60	1.10	1.70	2.50
636	Narla	2.80	5.50	2.40	0.40	3.10
637	Pastikudi1	3.10	6.30	2.15	0.95	4.15
638	Pokaribandh	1.80	3.90			
639	Risida	2.10	6.60	2.70	-0.60	3.90
640	Santapur	4.60		2.80	1.80	
641	Sargigora	5.80	5.90	5.10	0.70	0.80
642	Sunamala		4.70	1.90		2.80

643	Tal Jaring		1.60	1.65	-0.05
644	Tulapada	0.50	4.50		
645	Tundala		5.10	1.65	3.45

District : KENDRAPARA

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
647	Aul(Ali)	2.35	4.50	1.10	1.25	3.40
648	Chandola		3.00	0.82		2.18
649	Chatua	1.80	2.50	0.90	0.90	1.60
650	Duhuria		2.65	0.45		2.20
651	Gogua	2.00	3.85	0.92	1.08	2.93
652	Hatia		4.45	1.05		3.40
653	Indupur	2.34	4.20	1.02	1.32	3.18
654	Kasoti		3.00	0.80		2.20
655	Kendrapara1	4.33	5.10	1.05	3.28	4.05
656	Laxminarayanpur		3.38	0.89		2.49
657	Mahakalpara	0.72	2.40	0.80	-0.08	1.60
658	Marshaghai	2.05	4.10	1.05	1.00	3.05
659	Nikrai	1.45	3.38	0.92	0.53	2.46
660	Patkura	1.42	3.40	1.13	0.29	2.27
661	Pattamundai1	2.95	4.72	1.10	1.85	3.62
662	Rajgarh	0.88	2.44	0.47	0.41	1.97
663	Rajnagar-R	2.89	4.00	0.98	1.91	3.02
664	Shyamsundarpur		3.02	0.60		2.42

District : KENDUJHAR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
665	Akul		7.00	1.01		5.99
666	Anandapur	9.36	13.09	5.56	3.80	7.53
667	Badaposhi		4.49	1.95		2.54
668	Badbil		5.00	3.74		1.26
669	Balaniposi			2.73		
670	Balarampur		5.59	2.06		3.53
671	Balduan-I	3.65	4.73	3.77	-0.12	0.96
672	Balijhodi		5.81	3.99		1.82
673	Banspal	7.25				
674	Banspal-li	7.65				
675	Baradevata	2.14	4.20	2.90	-0.76	1.30
676	Baraguda		12.00			
677	Barbil	4.82	10.33	3.56	1.26	6.77
678	Barpada	2.48		1.92	0.56	
679	Baxibargaon	3.12	8.27	3.51	-0.39	4.76
680	Baxibarigan	3.38	5.00	3.19	0.19	1.81
681	Belaipada	2.42	9.96	2.02	0.40	7.94
682	Belbahali		8.00	3.03		4.97
683	Benamunda		6.13	2.63		3.50
684	Bhadrasahi	4.24	7.16	3.26	0.98	3.90
685	Bhagomunda	6.71	8.20	4.11	2.60	4.09
686	Bidyadharpur	2.45	5.53			
687	Bimala	2.92		3.30	-0.38	
688	Birgovindpur	5.52		4.02	1.50	
689	Burikapuri	3.33	6.80	3.05	0.28	3.75
690	Champua	4.92	10.76	2.70	2.22	8.06
691	Deogan1	4.58	4.89	2.88	1.70	2.01
692	Dhangadiha	4.47	11.30	3.60	0.87	7.70
693	Dhenkikote			3.10		
694	Dhenkikot-li	5.78				
695	Dhokuta	7.27	10.11	5.12	2.15	4.99
696	Gadadharpur		6.22	3.05		3.17
697	Gajitangri		9.60	3.60		6.00
698	Ghasipur	7.78	8.63	6.68	1.10	1.95
699	Ghasipura pz	4.45				
700	Ghatgaon	2.07	9.68	2.86	-0.79	6.82
701	Ghatgaon-li	3.25				
702	Gopalpur2	1.92	8.70	2.55	-0.63	6.15
703	Harichandanpur	1.62	5.12	2.63	-1.01	2.49
704	Harichandanpur-li	1.82	5.01			

705	Haridagot	2.10	8.84	1.96	0.14	6.88
706	Jagmohanpur	5.03	7.01	2.90	2.13	4.11
707	Jagmohanpur-li	5.54				
708	Janghira	4.45	9.55	2.10	2.35	7.45
709	Jaymangalpur	2.41	5.02	3.19	-0.78	1.83
710	Jhangira	3.52	9.55	2.26	1.26	7.29
711	Jhumpura	1.20	8.05	1.09	0.11	6.96
712	Jhumpura-li	3.65		1.39	2.26	
713	Joda	5.74	6.87	3.05	2.69	3.82
714	Jodipada			2.93		
715	Kaliahata	2.98	4.90	3.62	-0.64	1.28
716	Kanjipani	4.40	5.05	4.35	0.05	0.70
717	Karanjia		9.24			
718	Karanjia 1	2.65	9.42	1.28	1.37	8.14
719	Katalaposhi			2.36		
720	Kendeiposhi	1.75	7.50	2.33	-0.58	5.17
721	Keonjhar Sadar	0.95				
722	Keonjharagarh	3.63	7.41	4.22	-0.59	3.19
723	Kesudapal-li	5.24	4.05			
724	Kesurdapal	1.78	4.57	2.05	-0.27	2.52
725	Khiritangiri	4.12	9.51	3.35	0.77	6.16
726	Khiritangiri-li	3.65	9.61	3.22	0.43	6.39
727	Kothaghar	1.29	5.40	1.84	-0.55	3.56
728	Malliposi	3.40	8.76	2.80	0.60	5.96
729	Mathadai	1.76	5.21	2.31	-0.55	2.90
730	Mathadai-li	0.69	3.80	2.01	-1.32	1.79
731	Nalda2		5.80	4.05		1.75
732	Nuasahi	1.68		3.02	-1.34	
733	Padampur2	7.63	11.30	3.16	4.47	8.14
734	Padampur-li	6.20		3.35	2.85	
735	Padang	3.08	5.31	2.46	0.62	2.85
736	Palasponga	4.33	7.50	1.82	2.51	5.68
737	Parsora	2.42	7.77	2.15	0.27	5.62
738	Patakhali		6.18	2.12		4.06
739	Patilo		8.17	3.16		5.01
740	Pipilia1			2.36		
741	Ramchandrapur	3.96	6.00	2.74	1.22	3.26
742	Rugudi	6.46	9.55	2.11	4.35	7.44
743	Saharpara	5.88	10.00	2.00	3.88	8.00
744	Sainkula	5.75		5.50	0.25	
745	Sasang			1.99		
746	Sonapent	1.98	5.18	2.88	-0.90	2.30
747	Suakati	4.38	7.10	3.00	1.38	4.10
748	Swampatna	1.98	4.63	3.11	-1.13	1.52
749	Swampatna-li	3.36				
750	Tangarpada		4.00	1.90		2.10
751	Telkoi	4.39	7.52	3.98	0.41	3.54
752	Turmunga	2.24	5.62	2.69	-0.45	2.93
753	Udaipur	3.19	6.95	3.45	-0.26	3.50
754	Udaipur-li	4.69	5.48	4.09	0.60	1.39
755	Ukunta	2.30	4.34	2.80	-0.50	1.54

District : KHORDHA

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
756	B-01 Nathapur		2.50	1.10		1.40
757	B-02 Samantarapur		0.60	0.45		0.15
758	B-03 Garage Chhak		2.80	0.40		2.40
759	B-04 Lingaraj Temple		8.30	6.30		2.00
760	B-05 Rath Road		1.90	0.30		1.60
761	B-06 Purnama Gate		8.20	4.30		3.90
762	B-07 Bapuji Nagar		2.10	1.25		0.85
763	B-09 Tankapani Road		4.85	3.15		1.70
764	B-11 Bargarh		3.40	2.35		1.05
765	B-12 Laxmi Sagar		5.60	2.90		2.70
766	B-13 Jharpada			1.40		
767	B-14 Rasulgarh		1.10	0.20		0.90
768	B-15 Bomikhal		5.80	2.90		2.90
769	B-16 Saheed Nagar			5.10		
770	B-17 Satya Nagar		4.20	1.50		2.70
771	B-18 Unit-2		7.50	2.10		5.40
772	B-19 Palasuni Village		2.50	0.50		2.00
773	B-20 Palasuni (NH-5)		2.40	0.30		2.10
774	B-21 Haridaspur		4.45	1.05		3.40
775	B-22 Mancheswar		5.00	1.60		3.40
776	B-24 Acharya Vihar		1.50	0.95		0.55
777	B-25 Sainik School		7.00	4.80		2.20
778	B-26 Gadakana		7.30	3.30		4.00
779	B-27 Patia		2.55	1.20		1.35
780	B-28 Nayapalli (May Fair)		1.80	1.00		0.80
781	B-29 Ekamra Villa		3.80	0.90		2.90
782	B-30 Jaydev Vihar		1.50	0.30		1.20
783	B-31 Unit-9		2.50	1.60		0.90
784	B-32 Madhusudan Nagar		5.70	3.25		2.45
785	B-33 Unit-4		6.05	2.80		3.25
786	B-34 Ganga Nagar		5.30	1.90		3.40
787	B-35 Unit-6		5.50	2.05		3.45
788	B-36 Unit-1		6.30	3.60		2.70
789	B-37 OUAT		3.50	1.60		1.90
790	B-38 Bhimpur		2.90	0.70		2.20
791	B-39 Bhimatangi			1.50		
792	B-40 Kapilaprasad		2.60	1.50		1.10
793	B-41 Pokhariput		7.50	4.60		2.90
794	B-42 Kargil Basti		8.50	2.40		6.10

795	B-43 Gandamunda		7.00	0.80		6.20
796	B-44 Baramunda		1.70	1.05		0.65
797	B-45 Delta Square		8.20	3.50		4.70
798	B-46 Nuapalli			3.60		
799	B-47 Ghatikia		7.45	2.60		4.85
800	B-48 Dumuduma		7.30	1.75		5.55
801	B-50 Janla			5.90		
802	B-51 DAV (Unit-8)		3.15	2.80		0.35
803	Baghmari	3.22	6.60	1.54	1.68	5.06
804	Balakati	0.92	2.31	0.89	0.03	1.42
805	Balipatna	1.49	2.05	1.10	0.39	0.95
806	Balugaon	1.12	3.55	1.60	-0.48	1.95
807	Bhubaneswar-i	4.00	5.30	2.82	1.18	2.48
808	Bhusundapur	4.40	9.13	3.18	1.22	5.95
809	Bolagarh	5.86	10.00	2.78	3.08	7.22
810	Budhapada		3.82	0.80		3.02
811	Gobindpur		3.42	1.10		2.32
812	Jankia	2.00	4.00	1.39	0.61	2.61
813	Janla		7.40	2.70		4.70
814	Jatni	6.10	10.80	3.15	2.95	7.65
815	Kapilaprasad	2.65	7.10	1.75	0.90	5.35
816	Khandagiri	8.40	9.22	6.60	1.80	2.62
817	Khurda	6.10	9.00	2.88	3.22	6.12
818	Khurda Industrial Area		10.73	4.40		6.33
819	Kuha	4.61	7.75	1.83	2.78	5.92
820	Kundaidarapatna	2.05	3.20	1.85	0.20	1.35
821	Nirakarpur	4.05	7.90	2.56	1.49	5.34
822	Niranjanpur		4.40	1.00		3.40
823	Odakhanda-DW		3.90	1.25		2.65
824	Padanpur		5.25	2.40		2.85
825	Panikata	1.27	3.00	1.00	0.27	2.00
826	Patia	3.52	5.00	2.00	1.52	3.00
827	Pichkuli	2.90	7.55	0.66	2.24	6.89
828	Raghunathpur	1.40	2.35	0.89	0.51	1.46
829	Sarua		9.15	0.55		8.60
830	Sisupal Square		1.70	0.68		1.02
831	Sundarpada		6.20	1.45		4.75
832	Tangi2	7.39	12.00	5.00	2.39	7.00

District : KORAPUT

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
833	Ambaguda	3.55	5.40	3.40	0.15	2.00
834	Anta	1.20	3.35	1.30	-0.10	2.05
835	Baipariguda	4.10	7.30	3.40	0.70	3.90
836	Bajiguda	5.25	7.95	3.50	1.75	4.45
837	Balia		2.35	0.25		2.10
838	Bangalaguda		9.30	1.85		7.45
839	Bheja		3.75			
840	Bijapur	1.25	3.50	1.25	0.00	2.25
841	Boriguma	3.65	8.95	1.15	2.50	7.80
842	C.kusimi-i	2.55	5.90	1.00	1.55	4.90
843	Chandli	0.80	1.90	0.40	0.40	1.50
844	C-kusumi-ii	2.30	3.60	1.80	0.50	1.80
845	Damanahandi	1.05	0.95	0.65	0.40	0.30
846	Dasmanthapur	1.75	4.40	1.85	-0.10	2.55
847	Deoghati		6.25	3.30		2.95
848	Dhaulapur	5.40	9.00	5.20	0.20	3.80
849	Doraguda		7.35	5.40		1.95
850	Dumuriput		10.60	6.60		4.00
851	Ghatarala	1.25	1.25	1.30	-0.05	-0.05
852	Gumur	3.25	3.55	2.10	1.15	1.45
853	Jeypore1	4.40	7.75	4.85	-0.45	2.90
854	Jujari	2.00	2.20	2.95	-0.95	-0.75
855	Kakriguma	11.05	11.90	11.45	-0.40	0.45
856	Kantarkhal		5.40	2.10		3.30
857	Kenduguda	0.85	1.00	0.80	0.05	0.20
858	Khaliaguda	1.50	1.25	1.40	0.10	-0.15
859	Konga	3.40	2.70	3.30	0.10	-0.60
860	Koraput-i	7.05	10.70	7.30	-0.25	3.40
861	Koraput-ii	1.30		2.40	-1.10	
862	Kotpad	1.35	2.90	1.05	0.30	1.85
863	Kusumguda		7.60	6.20		1.40
864	Lakshmipur	7.35	9.45	9.35	-2.00	0.10
865	Lamtaput	4.30	10.00	4.80	-0.50	5.20
866	Miriguda	3.90	3.80	0.70	3.20	3.10
867	Mundaguda		6.70	4.40		2.30
868	Nandapur	2.65	5.05	2.65	0.00	2.40
869	Panasaputbagh	1.40	1.90	1.80	-0.40	0.10
870	Patraput	3.40	7.15	2.85	0.55	4.30
871	Pitaguda		13.70	12.10		1.60

872	Podagada	5.45	5.60	5.45	0.00	0.15
873	Potangi	3.30	5.10	3.70	-0.40	1.40
874	Ramgiri		4.90	1.50		3.40
875	Sasanhandi-ii	1.10	1.05	1.10	0.00	-0.05
876	Similiguda	2.75	4.65	3.75	-1.00	0.90
877	Soguru	5.77		4.77	1.00	
878	Tikaguda	2.05		1.95	0.10	
879	Umeri		6.95	3.75		3.20

District : MALKANGIRI

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
880	Balimela	1.05	2.70	3.90	-2.85	-1.20
881	Bejaguda	3.95	7.90	3.90	0.05	4.00
882	Chitapari		5.05	1.35		3.70
883	Govindpali	1.60	4.10	1.70	-0.10	2.40
884	Katameta			1.10		
885	Khairput	1.55	3.65	1.70	-0.15	1.95
886	Kodumulguma	1.40	2.55	1.35	0.05	1.20
887	Korukonda	0.80	1.00	1.10	-0.30	-0.10
888	M.v.19	2.10	3.70	2.15	-0.05	1.55
889	M.V.7			2.30		
890	M.V.9	0.90		1.80	-0.90	
891	Maithili	1.00	3.60	1.20	-0.20	2.40
892	Malkangiri	0.40	2.10			
893	Parkannala		5.40	1.70		3.70
894	Pongam	2.35	6.60	2.40	-0.05	4.20
895	Sindhimal		4.80	0.90		3.90
896	Somnathpur	1.40	4.40	1.50	-0.10	2.90

District : MAYURBHANJ

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
897	Amarda	3.65				
898	Amarda village	3.84	6.16	2.12	1.72	4.04
899	Andhari	4.23				
900	Asanbani		6.80	3.10		3.70
901	Badampahad	7.32				
902	Badampahad-1		10.52	5.11		5.41
903	Badasahi	5.48	2.90	1.94	3.54	0.96
904	Bademtolia			5.69		
905	Bagra	3.65	5.80	2.08	1.57	3.72
906	Bahalda	3.12	7.60	2.05	1.07	5.55
907	Bahalda Road(kona)	3.95	6.91	2.36	1.59	4.55
908	Baidipur	5.25	5.18	1.84	3.41	3.34
909	Baisinga	4.44				
910	Bangriposi	5.38	11.62	5.74	-0.36	5.88
911	Baripada	3.93	15.00	9.01	-5.08	5.99
912	Bedhakudar		10.03	2.95		7.08
913	Begna		11.22	4.66		6.56
914	Belam	4.78	4.30	3.35	1.43	0.95
915	Betnoti1	2.99	6.70	1.62	1.37	5.08
916	Bhatachhatra		7.00	1.93		5.07
917	Bisoi	5.18	5.35	4.15	1.03	1.20
918	Brundabanchan	4.74	5.35	3.78	0.96	1.57
919	Chadheibhol		7.49	1.79		5.70
920	Chamdua	4.57				
921	Champajhar	2.11	6.05			
922	Champrai		6.37	2.09		4.28
923	Chandanpur		5.92	2.82		3.10
924	Chitrada	3.45	7.50	4.02	-0.57	3.48
925	Dhanpur	4.55	4.16	2.01	2.54	2.15
926	Dukura		5.25	1.90		3.35
927	Gambharia	2.40	8.33	1.86	0.54	6.47
928	Gorumahisani	6.95	7.17	2.80	4.15	4.37
929	Hatjori	3.96	2.45	1.68	2.28	0.77
930	Indupur			2.66		
931	Itighar			2.23		
932	Jamda	4.15	9.60	2.17	1.98	7.43
933	Jamsola	5.49	13.45	3.75	1.74	9.70
934	Jamukeswar		6.23	1.98		4.25
935	Jharpokhari	2.82	8.10	1.60	1.22	6.50

936	Jhunkapal			3.60		
937	Joshiapur	5.95	11.71	1.90	4.05	9.81
938	Kaptipada	6.47	5.28	1.99	4.48	3.29
939	Karanjei-Bijatola Chhak			2.00		
940	Karanjia2	4.30	10.66	3.68	0.62	6.98
941	Kendujani	3.46	10.00	2.66	0.80	7.34
942	Kendumundi	2.39		2.10	0.29	
943	Kherna	2.08	8.72	1.85	0.23	6.87
944	Khiching	3.76	9.08	2.68	1.08	6.40
945	Khunta	5.41	6.55	2.80	2.61	3.75
946	Kostha	4.44	5.18	2.93	1.51	2.25
947	Krishnachandrap	7.64	17.40	3.08	4.56	14.32
948	Kuamara	3.97				
949	Kuliana	4.25	11.85	3.00	1.25	8.85
950	Mahuldia	3.03	7.20	2.44	0.59	4.76
951	Mananda			2.90		
952	Manda		9.00	2.03		6.97
953	Manitri	4.29	3.65	2.66	1.63	0.99
954	Matigarh	4.15	6.41	1.85	2.30	4.56
955	Moranda			3.06		
956	Nada		10.21	4.05		6.16
957	Nalgoja	3.17				
958	Naranpur		6.71	2.50		4.21
959	Naujara	0.88	5.74			
960	Nechuapada	4.54	7.91	3.05	1.49	4.86
961	Niranjan	5.16	11.50	2.88	2.28	8.62
962	Nischintapur	4.72	8.80	4.41	0.31	4.39
963	Pithabata	5.17	8.82	5.56	-0.39	3.26
964	Poilakunda			2.18		
965	Poradiha	5.47	6.20	2.78	2.69	3.42
966	Rairangpur	4.12	7.30	2.04	2.08	5.26
967	Raruan	3.95	11.53	3.01	0.94	8.52
968	Rashgovindpur	3.01	13.75	3.10	-0.09	10.65
969	Salchuan	5.55				
970	Sandeuli		6.33	2.44		3.89
971	Saraskona	2.55	9.88	3.36	-0.81	6.52
972	Sarat	4.49	2.25	1.50	2.99	0.75
973	Satkosia	4.00	10.11	2.71	1.29	7.40
974	Shamakunta	5.08	9.35	3.48	1.60	5.87
975	Similibandh	4.61	7.25	3.16	1.45	4.09
976	Sullyapada	4.79	10.78	2.01	2.78	8.77
977	Taramara		7.30	2.86		4.44
978	Tato	13.97	16.30	7.79	6.18	8.51
979	Thakurmunda	4.15	7.30	3.06	1.09	4.24
980	Tiring	1.54	5.57	1.65	-0.11	3.92
981	Tongabila Chhak		6.69	2.44		4.25
982	Udala	2.36	4.30	2.49	-0.13	1.81

District : NABARANGAPUR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
983	Anchalguma1	2.35	6.05	1.45	0.90	4.60
984	Baheda	3.80		1.20	2.60	
985	Daibata		8.40	3.50		4.90
986	Debugaon	2.00	3.10	1.92	0.08	1.18
987	Dengaguda	3.60	7.10	2.40	1.20	4.70
988	Digi		5.40	1.75		3.65
989	Dondasora			0.80		
990	Fufugaon		5.50	2.60		2.90
991	Jharigan	2.30	5.90	1.45	0.85	4.45
992	Karchamal		8.90	1.55		7.35
993	Kodinga	2.60	6.65	0.95	1.65	5.70
994	Kosagumunda	3.70	4.80	4.50	-0.80	0.30
995	Kurlaghati		3.80	2.30		1.50
996	Maidalpur1	1.50	6.90	0.90	0.60	6.00
997	Nandahandi		5.40	2.45		2.95
998	Nowrangpur	1.80	3.30	1.45	0.35	1.85
999	Papadahandi2	4.80	7.90	4.00	0.80	3.90
1,000	Sonamasigan	1.90		1.25	0.65	
1,001	Tentulikunti	2.90	6.25	1.25	1.65	5.00
1,002	Umarkot	0.30	4.35	0.55	-0.25	3.80

District : NAYAGARH

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,003	Banigocha	4.69	8.08	3.95	0.74	4.13
1,004	Bhapur1	4.20	6.60	2.00	2.20	4.60
1,005	Daspalla-i	6.40	7.81	5.15	1.25	2.66
1,006	Daspalla-ii	7.15				
1,007	Etamati		4.32	1.85		2.47
1,008	Gania	4.25	6.06	3.30	0.95	2.76
1,009	Ghholahandi		6.08	2.40		3.68
1,010	Jogibandh		3.90	2.31		1.59
1,011	Kana Singhi		3.77	2.15		1.62
1,012	Kandapara	6.82	9.90	2.60	4.22	7.30
1,013	Kantilo	1.33	1.82	1.60	-0.27	0.22
1,014	Kuluru Kumpa		3.19	0.93		2.26
1,015	Kumbharpara		4.99	2.35		2.64
1,016	Mahipur	3.97	4.24	2.07	1.90	2.17
1,017	Nayagarh	1.66	4.68	1.63	0.03	3.05
1,018	Nuabausabati		4.11	2.51		1.60
1,019	Nuagaon1	4.91		2.93	1.98	
1,020	Odagaon	3.56	4.00	2.95	0.61	1.05
1,021	Purusottampur	3.05	5.17	1.02	2.03	4.15
1,022	Ranpur 1	3.06	5.19			
1,023	Sapada		5.86	1.85		4.01
1,024	Sarankul	3.38	4.45	2.76	0.62	1.69
1,025	Solopata		5.99	4.27		1.72
1,026	Subalaya	5.80	4.91	1.28	4.52	3.63
1,027	Takara	3.88	4.38	2.64	1.24	1.74

District : NUAPADA

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,028	Bargan-S	3.30				
1,029	Bargaon-k	2.84	6.96	2.85	-0.01	4.11
1,030	Boden	1.00	3.70	1.10	-0.10	2.60
1,031	Burkhiakomna	4.55	6.13	2.40	2.15	3.73
1,032	Godphula		5.95	2.28		3.67
1,033	Junani		5.01	4.40		0.61
1,034	Khariar		9.22	4.21		5.01
1,035	Khudpej		5.60	3.15		2.45
1,036	Komna1	3.60	5.09	4.71	-1.11	0.38
1,037	Lachhipur	1.70	4.20	0.95	0.75	3.25
1,038	Loharapalli		4.03	3.30		0.73
1,039	Nawapara	4.10		2.80	1.30	
1,040	Nilji	5.80	7.50	5.20	0.60	2.30
1,041	Palsada	4.26				
1,042	Ranipur		5.68	2.95		2.73
1,043	Saipala		6.75	4.60		2.15
1,044	Sanmaheswar	3.38	5.41	2.45	0.93	2.96
1,045	Tarbod	1.62	4.58	2.60	-0.98	1.98
1,046	Tukla	1.20	1.70	0.50	0.70	1.20

District : PURI

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,047	Algum	1.98	3.20	0.85	1.13	2.35
1,048	Alipada		3.38	0.70		2.68
1,049	Astarang	1.30	3.20	1.32	-0.02	1.88
1,050	Balanga	1.55	4.00	0.70	0.85	3.30
1,051	Baleshwarpatna	0.94	2.00	0.55	0.39	1.45
1,052	Baliguari	1.18	1.90	0.40	0.78	1.50
1,053	Bantalsingh		3.25	0.80		2.45
1,054	Batagaon		3.92	0.83		3.09
1,055	Beraboi		2.38	0.50		1.88
1,056	Bhanti	2.11	3.90	1.55	0.56	2.35
1,057	Birapratappur		4.00	1.00		3.00
1,058	Brahmagiri	1.12	2.82	0.85	0.27	1.97
1,059	Budhiabar	1.73	2.58	1.00	0.73	1.58
1,060	Burhapara	1.43	2.05	0.35	1.08	1.70
1,061	Chandanpur	4.88	5.05	1.38	3.50	3.67
1,062	Charichhak	2.00	5.20	1.65	0.35	3.55
1,063	Delang	1.50	2.30	0.45	1.05	1.85
1,064	Dhauri			5.20		
1,065	Garapada		4.27	1.40		2.87
1,066	Girala		2.92	0.75		2.17
1,067	Gokhara		2.19	1.00		1.19
1,068	Gop		5.95	2.82		3.13
1,069	Gopinathpur1	2.48	3.33	0.95	1.53	2.38
1,070	Juinti	2.05	4.10	1.50	0.55	2.60
1,071	Kadua		3.20	1.00		2.20
1,072	Kakatpur	2.30	3.75	1.65	0.65	2.10
1,073	Konark 1	1.80	4.03	1.15	0.65	2.88
1,074	Kumareswar	1.12	3.00	0.73	0.39	2.27
1,075	Kundheihat	1.28				
1,076	Madrang	2.39	3.40	0.92	1.47	2.48
1,077	Mahapur	3.22	3.47	1.00	2.22	2.47
1,078	Mangalpur	0.97	2.55	0.25	0.72	2.30
1,079	Marad	2.30	3.10	1.02	1.28	2.08
1,080	Maunimatha		1.90	0.35		1.55
1,081	Moradpada	1.75	4.27	1.02	0.73	3.25
1,082	Nimapara	2.32	4.10	2.15	0.17	1.95
1,083	Nuasamsarpur	1.40	3.17	0.95	0.45	2.22
1,084	P-01 Krupa Sindura Patna		3.43	1.85		1.58
1,085	P-02 Matiapada			1.79		

1,086	P-03 Police Lane			2.00		
1,087	P-04 Marine Parade Lane			1.95		
1,088	P-05 Kusuni Khuntia	2.90		1.22		1.68
1,089	P-06 Chhapana Chhak	2.92		1.50		1.42
1,090	P-09 VIP Colony	3.80		1.33		2.47
1,091	P-10 Rly Station Bazar	3.25		1.00		2.25
1,092	P-11 Sadar Block Colony	3.79		1.60		2.19
1,093	P-12 ITI Chhak	3.95		2.00		1.95
1,094	P-13 Shree Vihar Mangal Pat	6.78		2.45		4.33
1,095	P-14 C. T. Road	2.90		1.40		1.50
1,096	P-15 Railway Station	3.15		1.00		2.15
1,097	P-16 Narendra Kona	3.20		1.45		1.75
1,098	P-17 Masania Chhak	1.78		0.65		1.13
1,099	P-18 Tota Sahi	4.10		1.42		2.68
1,100	P-19 Kashi Jagannathpur	2.90		1.48		1.42
1,101	P-20 Bada Jaga			1.00		
1,102	P-21 Sriram Talkies Chhak	2.42		1.65		0.77
1,103	P-22 Talabania	2.40		1.10		1.30
1,104	P-23 Hara Gouri Sahi	3.02		1.35		1.67
1,105	P-24 Balagandi	4.51		2.12		2.39
1,106	P-26 VIP Road			1.55		
1,107	P-28 Gopal Ballava	3.10		1.05		2.05
1,108	P-30 Jagannath Temple			3.70		
1,109	P-31 Sweta Ganga	4.15		2.35		1.80
1,110	P-32 Gobardhan Matha	4.00		2.10		1.90
1,111	P-33 Sorbodaya Nagar	2.98		1.10		1.88
1,112	P-34 Sidha Mahavir	3.25		0.99		2.26
1,113	P-35 Indira Mark Colony	5.00		2.16		2.84
1,114	P-36 Kumbharapada	4.10		1.95		2.15
1,115	P-37 Jagannatha Ballava Math	2.92		1.80		1.12
1,116	P-38 Gosala	6.65		4.88		1.77
1,117	P-39 Athara Nala	3.90		1.68		2.22
1,118	P-40 Nabakarabela Road	3.00		0.40		2.60
1,119	P-41 Grand Road	3.85		1.33		2.52
1,120	Pipli			4.20		2.82
1,121	Pratapramchandr	1.65		3.00	1.00	0.65
1,122	Puri town	1.79		3.15	1.05	0.74
1,123	Ramchandi	5.91		6.10	3.00	2.91
1,124	Rebana nuagaon	1.35		3.03	0.80	0.55
1,125	Sadanandapur	1.09		1.78	0.40	0.69
1,126	Satpada	4.00			1.85	2.15
1,127	Tikarpara1	1.47		3.33	1.00	0.47
1,128	Totasahi			4.10	0.90	
1,129	Tulasichoura-Malatipatapur			2.98	0.88	
1,130	Uansdiha			2.85	0.80	

District : RAYAGADA

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,131	Akhusingi		3.50	1.00		2.50
1,132	Ambadola	6.40	8.60	6.35	0.05	2.25
1,133	Dambasara		2.05	1.40		0.65
1,134	Gorakhpur	3.85	4.30	4.05	-0.20	0.25
1,135	Gumda	1.60	2.30	1.75	-0.15	0.55
1,136	Gumma	1.55	2.05	1.70	-0.15	0.35
1,137	Gunupur1	1.50	4.30	1.05	0.45	3.25
1,138	Kaliapada		3.70	3.20		0.50
1,139	Kashipur	9.35	12.25	9.40	-0.05	2.85
1,140	Kenduguda		4.45	2.70		1.75
1,141	Mukundpur	4.20	6.80	2.10	2.10	4.70
1,142	Narainpur	1.10	4.20	0.95	0.15	3.25
1,143	Padampur2	1.55	2.35	1.50	0.05	0.85
1,144	Ramnaguda1	1.60	3.40	0.25	1.35	3.15
1,145	Shirikona	6.45	7.25	4.65	1.80	2.60
1,146	Therabali	6.60	9.20	5.10	1.50	4.10

District : SAMBALPUR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,147	Amlipani		8.90	3.85		5.05
1,148	Badarama	3.45	6.85	3.25	0.20	3.60
1,149	Badsahir	2.95	6.90	2.25	0.70	4.65
1,150	Bamra	3.41	6.25			
1,151	Baragaon		4.91	0.50		4.41
1,152	Batemura	2.67	6.07	2.71	-0.04	3.36
1,153	Bhabanipali		7.55	2.15		5.40
1,154	Bhaluchuan		4.35	1.25		3.10
1,155	Bhojpur	2.35	5.80	1.85	0.50	3.95
1,156	Bohidar			5.10		
1,157	Boxma		4.15	1.20		2.95
1,158	Charmal	3.92	9.75	3.75	0.17	6.00
1,159	Chiplima	0.47	0.45	0.48	-0.01	-0.03
1,160	Christianpara	0.69	1.05	0.81	-0.12	0.24
1,161	Daincha	2.55	5.20	1.45	1.10	3.75
1,162	Deogaon		2.77	2.10		0.67
1,163	Dhama	1.68		2.58	-0.90	
1,164	Dhanupalli		1.90	0.65		1.25
1,165	Gaurpalli	0.83				
1,166	Golgunda			0.81		
1,167	Gorupali		5.75	2.60		3.15
1,168	Gosala	1.12	3.08	1.33	-0.21	1.75
1,169	Goudpalli		5.72	2.69		3.03
1,170	Gunderpur	1.75	2.80	1.70	0.05	1.10
1,171	Hathibari		5.60	1.75		3.85
1,172	Hirakud	1.05	2.45	1.24	-0.19	1.21
1,173	Jamadaripali	2.61	6.55	1.28	1.33	5.27
1,174	Jayantpur	1.80	3.15	0.90	0.90	2.25
1,175	Jugipali	2.26	5.92	1.20	1.06	4.72
1,176	Jujhumura	4.85	8.45	5.30	-0.45	3.15
1,177	Kesaibahal	2.35	5.35	2.55	-0.20	2.80
1,178	Kuchinda			3.10		
1,179	Kusumi	1.45	3.95	1.25	0.20	2.70
1,180	Larasara	2.93	7.92	3.32	-0.39	4.60
1,181	Mahaling Kudor		8.10	6.35		1.75
1,182	Malgun	0.80	1.10	0.55	0.25	0.55
1,183	Maltisubanpur	3.25	2.35	2.11	1.14	0.24
1,184	Maneswar	1.91	5.95	1.65	0.26	4.30
1,185	Mochibahal	3.00	6.55	2.45	0.55	4.10

1,186	Mundher	2.03	8.25	2.80	-0.77	5.45
1,187	Naktideol	3.85	7.65	2.60	1.25	5.05
1,188	Nildungri	2.30	4.65	2.15	0.15	2.50
1,189	Parmanpur	1.15	7.05	0.85	0.30	6.20
1,190	Phasimal	2.30	7.30	1.65	0.65	5.65
1,191	Rairakhol(rampu	3.55	7.55	2.85	0.70	4.70
1,192	Remerha	1.01	1.82	1.57	-0.56	0.25
1,193	Rengali	1.40	6.85	1.35	0.05	5.50
1,194	Rupapali	3.95	6.42	3.98	-0.03	2.44
1,195	Sahaspur		4.50	1.18		3.32
1,196	Sason1		1.45	0.90		0.55
1,197	Simlipal Chawk		3.65	1.65		2.00
1,198	Subarna Pali		6.60	1.45		5.15
1,199	Telitilamal		5.85	1.55		4.30

District : SONAPUR

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,200	Ankhidadar		3.61	2.05		1.56
1,201	Antarda		1.65	1.27		0.38
1,202	Arjunpur	3.20	6.57	2.85	0.35	3.72
1,203	Bagdiha	1.51	2.72	1.05	0.46	1.67
1,204	Bagduli	2.82	4.55	2.39	0.43	2.16
1,205	Bairasar	3.77	5.96	5.60	-1.83	0.36
1,206	Barkarle		0.75	0.88		-0.13
1,207	Bhintikra		0.86	0.91		-0.05
1,208	Binika	2.48	2.45	1.53	0.95	0.92
1,209	Biramaharajpur		6.77	1.62		5.15
1,210	Chandajhuri	3.52		2.98	0.54	
1,211	Charuapali	0.85	0.45	0.14	0.71	0.31
1,212	Danipali	1.57	1.25	1.42	0.15	-0.17
1,213	Dungripalli	3.75				
1,214	Gajabandhu	1.68	1.02	1.03	0.65	-0.01
1,215	Harbhanga	1.08	3.23			
1,216	Jhamchhapar	1.65	5.17	1.66	-0.01	3.51
1,217	Karlajuri		5.35	1.29		4.06
1,218	Khari	1.38	4.04	1.02	0.36	3.02
1,219	Koiramunda		5.74	3.20		2.54
1,220	Mahada		5.65	1.05		4.60
1,221	Mahadevpali	1.64	4.62	1.02	0.62	3.60
1,222	Metakani		6.75	1.22		5.53
1,223	Palsapadar	1.92	4.12	1.35	0.57	2.77
1,224	Pandikital	2.61				
1,225	Phulmuthi		3.49	2.04		1.45
1,226	Rampur	2.90	4.07	1.40	1.50	2.67
1,227	S Patrapali		6.23	2.35		3.88
1,228	Samalaichuan		2.03	1.60		0.43
1,229	Sankara	0.65	0.82	0.74	-0.09	0.08
1,230	Sansamura		2.60	1.17		1.43
1,231	Sarasmal	1.36	3.15	1.10	0.26	2.05
1,232	Sargaj	2.32		1.76	0.56	
1,233	Sindol	1.01	2.65	1.07	-0.06	1.58
1,234	Singhijuba	2.27	0.83	1.32	0.95	-0.49
1,235	Sonepur	5.15	7.25	2.13	3.02	5.12
1,236	Subalaya		7.55	3.97		3.58
1,237	Ulunda	1.09	5.70	0.86	0.23	4.84

District : SUNDARGARH

SI No.	Location	Water Level			Water Level Fluctuation in 2013/Nov with Respect to	
		2012/Nov (mbgl)	2013/Apr (mbgl)	2013/Nov (mbgl)	2012/Nov (mbgl)	2013/Apr (mbgl)
1,238	Alikera	7.65	10.05	6.95	0.70	3.10
1,239	Balijori		4.35	2.60		1.75
1,240	Banki	6.15		5.15	1.00	
1,241	Bargaon1	1.05				
1,242	Barogar		6.15	2.45		3.70
1,243	Bhedabahal	0.95	8.25	2.05	-1.10	6.20
1,244	Birmitrapur	1.45	2.55	1.40	0.05	1.15
1,245	Bondamunda	0.55	3.65	0.40	0.15	3.25
1,246	Chandiposh	0.50	4.85	0.75	-0.25	4.10
1,247	Darjin	5.20	8.65	4.35	0.85	4.30
1,248	Deokaranpur	2.05	6.55	1.85	0.20	4.70
1,249	Deolipali	3.35	9.15	4.45	-1.10	4.70
1,250	Ekma		4.85	1.85		3.00
1,251	Gurundia1	3.85				
1,252	Himgiri	7.90	12.55	5.70	2.20	6.85
1,253	Jagimal	1.95	4.65	1.40	0.55	3.25
1,254	Jharbera	4.35	8.65	2.90	1.45	5.75
1,255	Karamdihi	2.25	6.55	2.00	0.25	4.55
1,256	Kinjrikela	3.30	8.10	2.75	0.55	5.35
1,257	Kuarmunda	1.70	6.85	1.90	-0.20	4.95
1,258	Kutra		6.10	1.95		4.15
1,259	Lahunipara	1.10	7.15	0.70	0.40	6.45
1,260	Laing	3.80	6.75	3.45	0.35	3.30
1,261	Laxmipos	8.10	11.05	5.85	2.25	5.20
1,262	Ledhimang			2.65		
1,263	Lefripada	7.20	11.15	5.35	1.85	5.80
1,264	Lokedega		7.05	2.55		4.50
1,265	Moshani Kani		4.30	1.65		2.65
1,266	Panderpali		8.05	5.15		2.90
1,267	Putudih		5.95	2.30		3.65
1,268	R-01 Jalda C-Block		2.35	0.90		1.45
1,269	R-02 Jalda Rangila Chhak		2.55	1.65		0.90
1,270	R-03 Panposh Rukutola Chha		0.70	0.45		0.25
1,271	R-04 Civil Township		1.15	0.75		0.40
1,272	R-05 Panposh		3.25	2.35		0.90
1,273	R-06 Basanti Colony		2.05	1.80		0.25
1,274	R-07 Udit Nagar-1		0.80	0.55		0.25
1,275	R-08 Udit Nagar-2		3.65	2.95		0.70
1,276	R-09 Power House Road		3.85	2.85		1.00

1,277	R-10 Raghunathpalli		3.90	1.85		2.05
1,278	R-11 Hanuman Batika		2.80	1.68		1.12
1,279	R-12 Gangadharpally		3.75	3.65		0.10
1,280	R-13 Chhend		2.85	2.15		0.70
1,281	R-14 Banposh (Urban)		10.15	2.90		7.25
1,282	R-15 Bandamunda		7.55	3.25		4.30
1,283	R-16 Champanagar		2.25	0.95		1.30
1,284	R-17 Jhumpudibasti(Nuabazar		2.45	1.75		0.70
1,285	R-18 Koel Nagar		1.85	1.65		0.20
1,286	R-19 Jagada		7.35	3.80		3.55
1,287	R-20 Jhirpani		9.30	6.15		3.15
1,288	R-21 Sector-1		7.25	4.15		3.10
1,289	R-22 Sector-2		2.85	3.10		-0.25
1,290	R-23 Sector-3		5.35	4.70		0.65
1,291	R-24 Sector-5		3.55	2.85		0.70
1,292	R-25 Ambagaon		2.05	1.25		0.80
1,293	R-26 Sector-6		4.45	3.55		0.90
1,294	R-27 Sector-7		1.95	1.35		0.60
1,295	R-28 Sector-8		2.55	2.25		0.30
1,296	R-29 Sector-9		3.25	2.75		0.50
1,297	R-30 Sector-13		3.15	2.05		1.10
1,298	R-31 Sector-14		6.65	5.15		1.50
1,299	R-32 Sector-20		4.75	4.35		0.40
1,300	R-33 Sector 18		5.65	5.20		0.45
1,301	R-34 Sector-17		2.45	1.80		0.65
1,302	R-35 Sector-16		7.35	3.75		3.60
1,303	R-36 Sector-15		2.65	2.35		0.30
1,304	R-37 Vedvyas		5.10	1.45		3.65
1,305	R-38 Kalunga		8.25	3.55		4.70
1,306	Rajgangpur	3.50	7.15	3.75	-0.25	3.40
1,307	Rangiamunda	1.75	7.35	1.55	0.20	5.80
1,308	Sabdega	1.70	3.15	1.25	0.45	1.90
1,309	Sahajbahal		4.35	1.30		3.05
1,310	Sundargar Bypass Chawk		7.25	3.85		3.40
1,311	Sundargarh	2.80	2.95	2.10	0.70	0.85
1,312	Talsara	1.70	10.85	1.35	0.35	9.50
1,313	Uditnagar(rkl)		0.80	0.55		0.25
1,314	Ujalpur		8.40	3.45		4.95
1,315	Vedavyas Chak		5.80	1.25		4.55