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Government of India

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Ministry of Jal Shakti

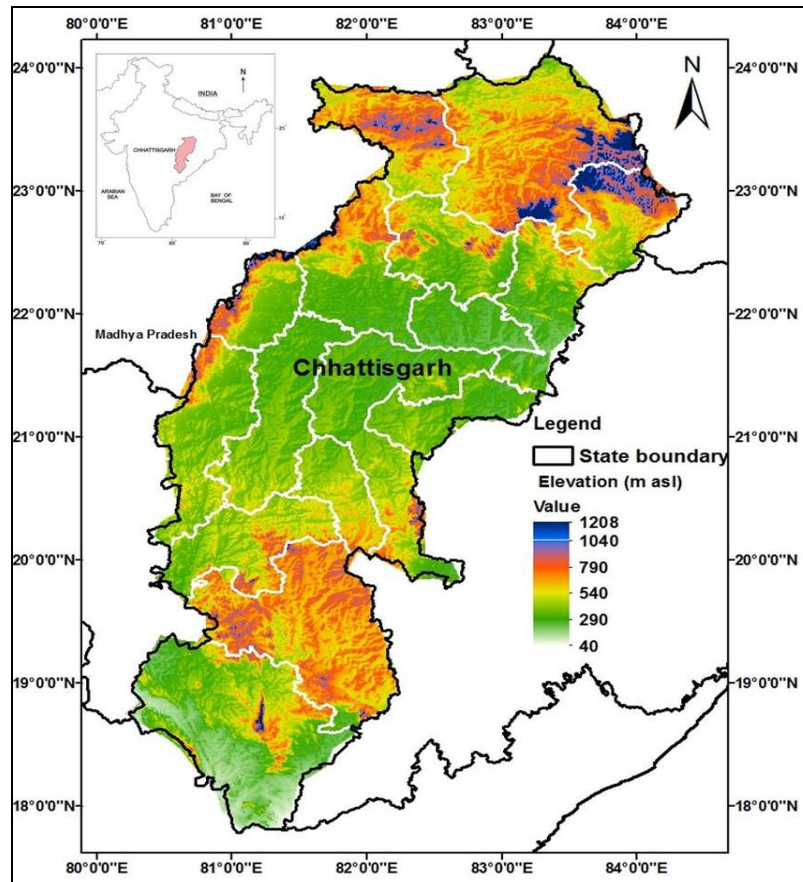
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग

Department of Water Resources, River Development & Ganga Rejuvenation

केन्द्रीय भूमि जल बोर्ड

CENTRAL GROUND WATER BOARD

GROUND WATER YEAR BOOK OF CHHATTISGARH 2018-19



North Central Chhattisgarh Region
Raipur

FOREWORD

Central Ground Water Board, North Central Chhattisgarh Region, Raipur monitors the water levels in the State four times a year through a network of 1279 number of observation wells (both dug wells and piezometers). Water quality is also assessed once in a year. The generated data from these observation wells are compiled, analysed and presented in the form of reports from time to time and circulated to various Central and State Government Departments. The present report embodies data and information collected during monitoring in the year 2018-19.

The report has been compiled and prepared by Smt. Priyanka B. Sonbarse, Scientist 'B' (Jr. Hg.) under the supervision of Shri A. K Biswal, Scientist 'D' under the guidance of Dr. S. K. Samanta, Head of the Office. I appreciate the efforts put by the officers in bringing out this report. The water level data and sample collection were done by the officers of CGWB, NCCR Raipur. I am sure this report will be of immense use to all the stakeholders of groundwater in the State.

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*Head of the Office,
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1. INTRODUCTION

The State of Chhattisgarh lies between North Latitude 17°47' to 24°06' and East Longitude 80°14' to 84°24' (**Fig. 1.1**). Central Ground Water Board, North Central Chhattisgarh Region, Raipur is carrying out ground water regime monitoring in the State. The State covers a geographical area of 1,37,360 sq. km. Nearly 65.90 % of the total area is covered by tribal and hence it is said as tribal dominated State. The ground water regime is monitored through a network of observation dug wells and piezometers. Dug wells represent the shallow phreatic aquifer system whereas piezometers represent the shallow un-confined as well as deeper semi-confined aquifer system. The network of observation stations forms a part of All India Network Hydrograph Stations, which is being monitored by various Regional offices of the department, located at different parts of the country.

As on March 2019, a network of 1279 observation wells (both dug wells and purpose-built piezometers) are monitored four times a year. The monitoring includes measurement of ground water level and quality. The purpose is to observe the behavior of ground water and their levels in different hydro geological environments in order to estimate the ground water resource from time to time and to know the water quality changes.

The monitoring database on water levels and chemical parameters helps to simulate models of forecasting, planning and management of ground water resources. The behavior of the ground water level and quality during the period from May 2018 to January 2019 is presented in this report with the idea that it will enable the user agencies to plan the development strategy for optimum utilization of ground water resources in the state.

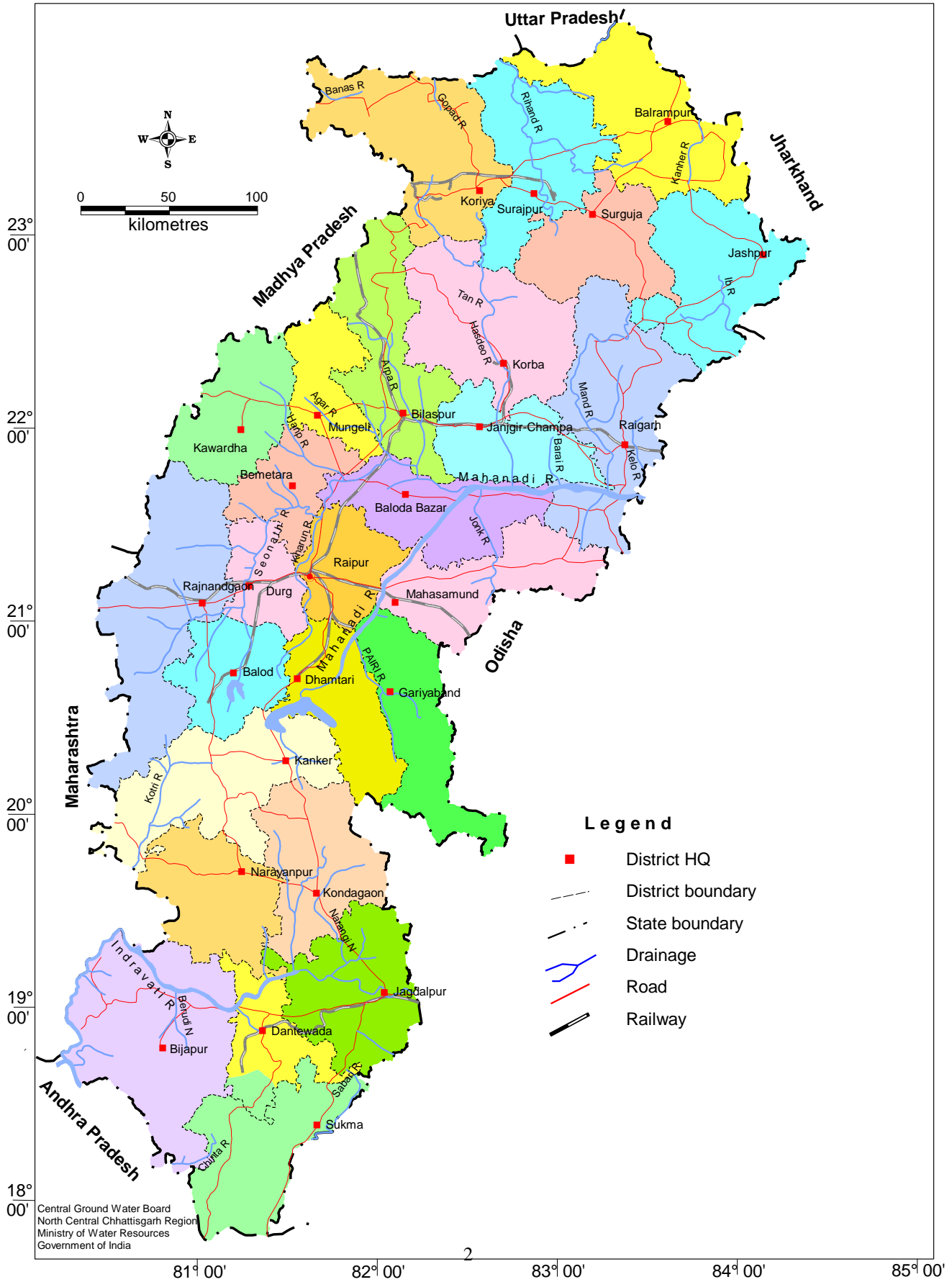


Fig 1.1 Administrative divisions of Chhattisgarh State

2. GEOMORPHOLOGY

2.1 Physiography

Physiographically, Chhattisgarh can be divided into three distinct units i.e.

- i) Bastar plateau region on the southern part,
- ii) Chhattisgarh Plain region on the central part and
- iii) Northern hilly region on the northern parts of the State.

The Bastar Plateau Region

It covers Bastar, Kondagaon, Narayanpur, Kanker, Bijapur, Sukma and Dantewada districts lying on the southern parts of the State. Except Indravati River plains, most of the area is covered by evergreen dense reserve forests and hilly tracts. The major landforms are high-level plateaus, structural hills and valleys and pediments and pediplains. The altitude varies from 400 to 600 m amsl. In the plains of Indravati River covering central parts, and along the Shabri River, covering southeastern parts the altitude varies from 250 to 300 m amsl.

The Chhattisgarh Plain

It is spread over the central part of the State and covers parts of Bilaspur, Mungeli, Janjgir-Champa, Mahasamund, Dhamtari, Raipur, Balodabazar, Gariyaband Durg, Balod, Bemetara, Rajnandgaon and Kawardha districts. It forms the structural plains on Proterozoic rocks and matures Pediplain with remnants of few isolated hills and ridges in between flood plains of numerous tributaries of Mahanadi River system. It is characterized by a gently undulating and flat terrain. The overall altitude varies from 750 m amsl on northwestern parts of the area to 284 m amsl on southeastern parts.

Northern Hilly Region

It covers from north to the north central part of the area and occupies parts of Sarguja, Balrampur, Surajpur Koriya, Korba, Bilaspur, Jashpur and Raigarh districts. It is a part of Maikal and Hazaribagh hill ranges of central India. It represents structural plains of Gondwana rocks, pediment/pediplains, structural and denudational plateaus, structural and denudational hills and valleys. It supports north flowing tributaries of Son River and south flowing Hasdeo

and other tributaries of Mahanadi River. The Narmada, an important west-flowing River of central India, originates from Amarkantak in the central part of this physiographic unit.

The highest point in the State is 1197 m amsl at Tulisi Dongri range in Dantewada district and the lowest point is 50 m amsl at Konta in Dantewada district.

2.2 Drainage

The major Rivers flowing in Chhattisgarh State are given in **Table 2.1**. The Mahanadi River and its tributaries Seonath, Hasdeo, Mand and Arpa drain part of Raipur, Durg, Rajnandgaon, Bilaspur, Raigarh and Surguja districts. The Indravati River is a tributary to Godavari River and drains the districts of Kanker, Bastar and Dantewada. Most of the Rivers are perennial in nature. In general, the drainage patterns are dendritic, parallel, angular and radial types. Son is the tributary of Ganga River and drains part of Sarguja and Koriya districts. **Fig. 2.1** shows the physiography and drainage pattern existing in the area.

S.No.	Major Rivers	Tributaries	Districts
1.	Ganga 18407 Sq.Km.	Son	Surguja, Koriya, Jashpur and Bilaspur
2.	Mahanadi 75858 Sq.Km.	Ib, Hasdeo, Seonath, Tel, Mand	Raipur, Mahasamund, Dhamtari and parts of Durg, Rajnandgaon, Kawardha, Korba, Kanker, Bastar, Surguja, Ramgarh and Bilaspur.
3.	Godavari 38694 Sq.Km.	Indravati, Sabari Wain ganga	Parts of Durg, Bastar, Rajnandgaon, Kanker and Dantewada
4.	Narmada 744 sq.Km.	Narmada	Parts of Rajnandgaon, Bilaspur, and Kawardha
5.	Bramhani 1394 sq.Km.	Sankh	Part of Jashpur

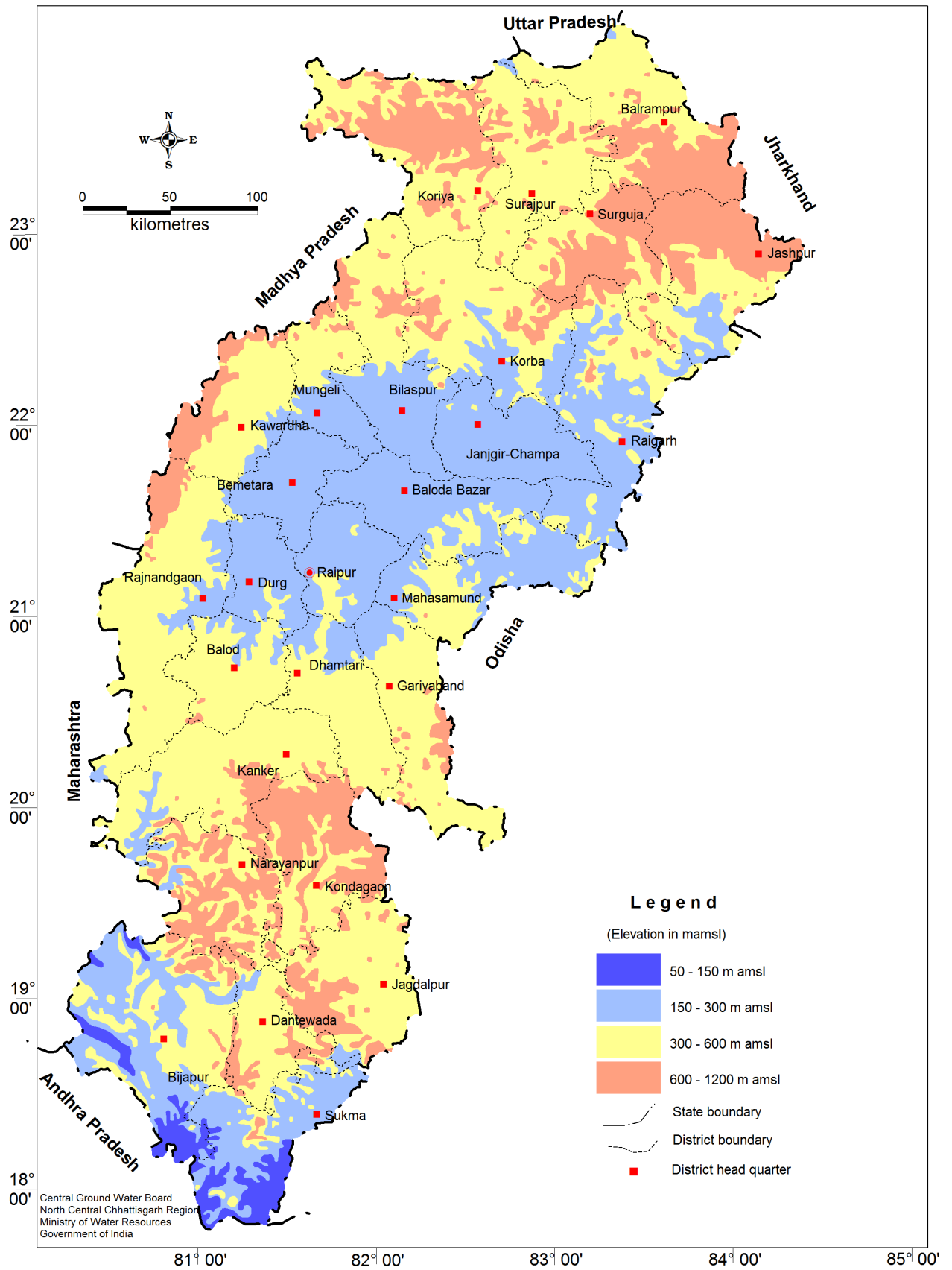


Fig 2.1 Physiography of Chhattisgarh State

3. CLIMATE AND RAINFALL

3.1 Rainfall

The region is endowed with sub-tropical monsoon climate with three distinct seasons i.e. summer, monsoon, and winter. The southwest monsoon starts from June and continues till middle of September. Winter season spreads from October to February. Summer season extends from March to middle of June. Rainfall is the major source of ground water recharge in the area and receives maximum (85%) rainfall during the southwest monsoon season. The winter rainfall is meager (10 - 15%). The Indian Meteorological Department (IMD), various State Government departments; Agricultural Universities etc. are maintaining number of rain gauge stations which comes to more than 200 in the State.

Table 3.1 shows the annual rainfall in mm district wise for Chhattisgarh for the last five years.

Sl. No.	District	Year					Average
		2014	2015	2016	2017	2018	
1	Balod	-	-	1527.4	1425	1246.5	1399.63
2	Baloda bazar	-	-	855.2	690.9	1043.4	863.17
3	Bastar	1476.6	1538.5	1821.6	1583.1	1460.1	1575.98
4	Bemetara	-	-	1147.4	1162.7	1427.3	1245.80
5	Bijapur	1696.5	1675.1	1693.8	1241.3	2126.6	1686.66
6	Bilashpur	1348.2	1056.8	1126.9	944.9	941.6	1083.68
7	Dantewara	1440.2	1548.8	1470.7	1315.1	1322.1	1419.38
8	Dhamtari	1289.2	974.6	1165.2	1181.8	1268	1175.76
9	Durg	1379.7	1008.7	1180.2	845	1163.7	1115.46
10	Gariyaband	-	-	1085.9	1017	1211.3	1104.73
11	Jangir	1169.7	955.7	1320.1	985.9	935.7	1073.42
12	Jashpur	786.2	1016.5	1139.8	1250.6	1075.9	1053.80
13	Kabirdham	1289.1	827.3	894.8	1448.2	871.6	1066.20
14	Kanker	1364.4	1165	1819.2	1145	1384.9	1375.70
15	Khondagaon	-	-	1655.3	1288	1271.4	1404.90
16	Korba	1304	1085.3	1314.8	1203.6	1054.8	1192.50
17	Koriya	1511.4	811.9	1229.3	752.4	946.8	1050.36
18	Mahasamund	1519.8	1228.3	1212.6	951.1	1091.3	1200.62
19	Mungeli	-	-	894.5	790.7	915.8	867.00
20	Narayanpur	1529.6	1430.3	1793.6	1048.7	1422.3	1444.90
21	Raigarh	1227.8	2244.4	1252.4	1020.6	1093.2	1367.68
22	Raipur	1233.2	921.4	1198.4	867.4	1405.4	1125.16
23	Rajnandgaon	1119	850.8	1104.2	799.4	933.2	961.32

24	Sukma	-	-	1459	1779.8	1781.4	1673.40
25	Surajpur	-	-	704.9	1108.3	1195.3	1002.83
26	Surguja	840	989.8	1507.5	1453.6	1230.5	1204.28
Chhattisgarh							1220.55
<i>Source: India Meteorological Department (IMD)</i>							

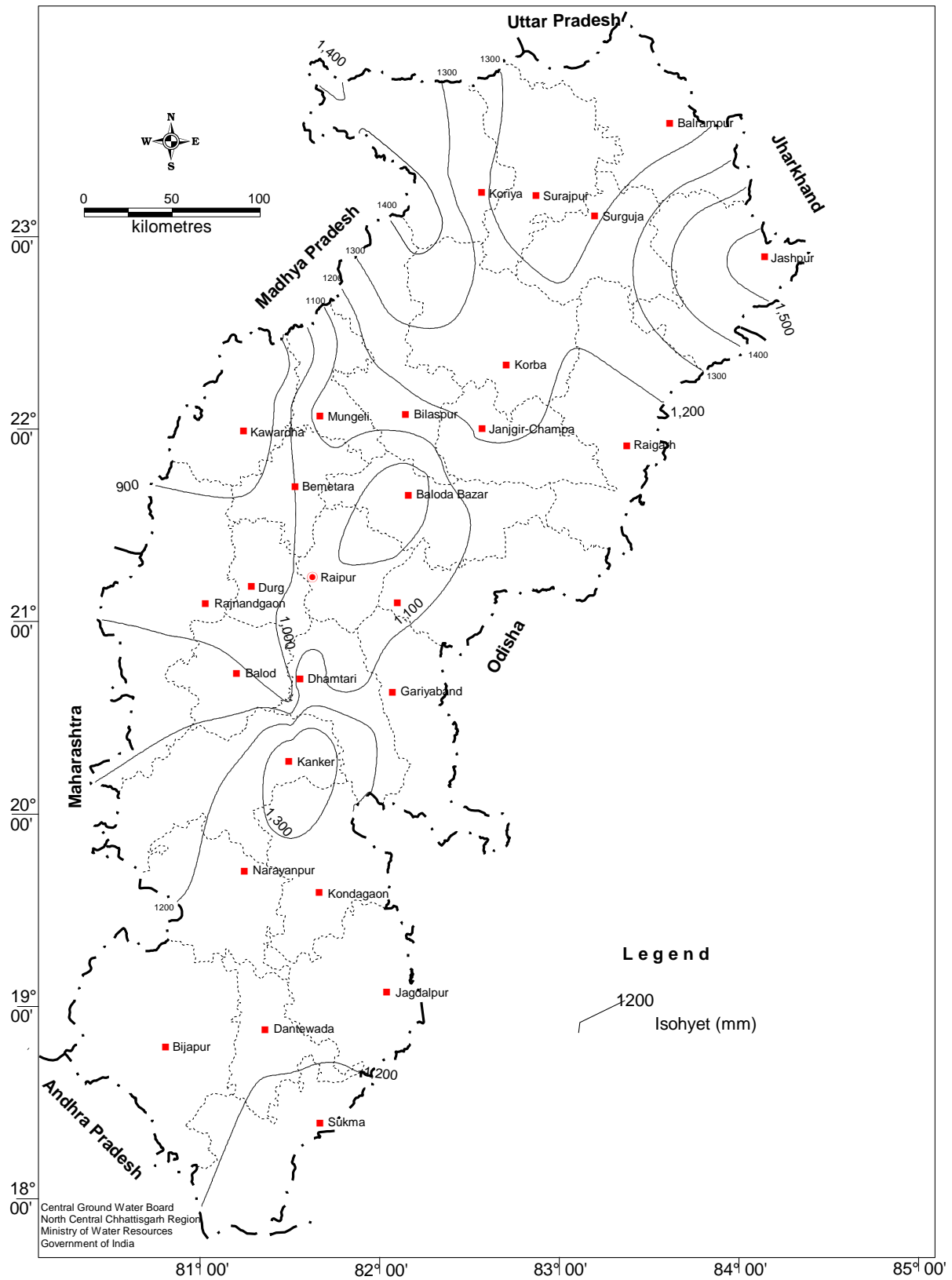


Fig 3.1 Rainfall Map of Chhattisgarh state

3.2 Temperature

The State experiences sub-tropical climate characterized by extreme summer and moderate winter. The summer extends from March to mid-June and May is the hottest month. The mean daily maximum temperature during the month of May goes up to 46⁰C. The winter season lasts till end of February. January is the coldest month with the mean daily maximum temperature at 30°C and the mean daily minimum temperature at 10.2°C. In Raipur area, the average temperature varies from 13°C during winter to 46°C in summer. However, in the plateau areas on the northern part, the variation was from 10°C in winters to 39°C in summers.

4. SOIL AND LANDUSE

4.1 Soil

The soils in the upper reaches of the drainage are shallow, young and are eroding in nature. Changes in soil properties indicate the drainage conditions, transport of eroded material and redeposition of soil constituents. Down the slope, the soil depth, water holding capacity, ion exchange capacity, and preponderance of calcium and magnesium increases. The color changes from red to dark brown. The texture also changes from sandy loam to clayey, and sticky to very sticky. The various soil types existing in the State and their suitability for various crops is enumerated in **Table 4.1** and fig 4.1.

Table 4.1: Distributions of Soils and suitability of crops in Chhattisgarh State

Type of soil	Parent Rock	Distribution (Districts/tehsils)	Suitable Crops
Red-yellow soil (Matasi)	Gondwana, Chhattisgarh Supergroup	Surguja, Koriya, Jashpur, Raigarh, Korba, Bilaspur Kawardha, Durg, Raipur, Dhamtari and Mahasamund districts	Paddy
Red-sandy soil	Archaean Granite	Bastar, Dantewada, Kanker, Durg, Rajnandgaon and Dhamtari districts	Kodo-Kutki, Jawar, Maize, Potato Coarse grains etc
Red-domat soil	Archaean Granite	Dantewara and Konta tehsils	Paddy
Laterite soil	Mixed	Bagicha, Samri, Sitapur, Ambikapur, Kawardha, Chhui-Khaddan, Saja, Bemetera and Jagdalpur tehsils	Potato, Jawar, Kuddo-Kutti, Oilseeds, Pulses etc.
Black soil	Mixed	Mungeli, Ariya, Raipur, Rajim, Mahasamund, Kurud and Kawardha tehsils	Paddy, Wheat, Cotton, Gram, Sugarcane and Rabi crops

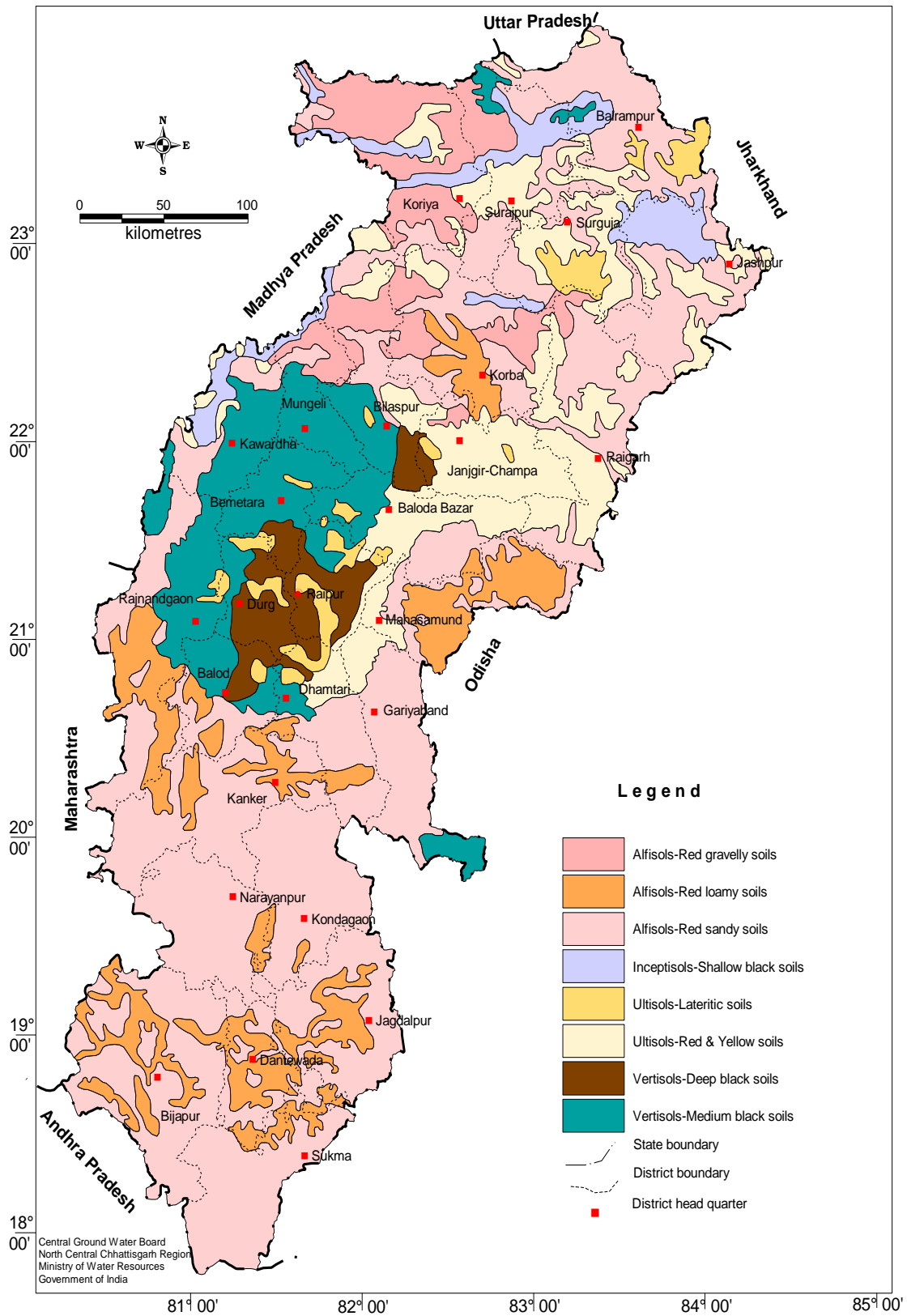


Fig 4.1 Distribution of soil in the State

4.2 Land use

The land use pattern is an important index of the human, social, cultural, and economic developments. As per the available statistics (Department of Statistics, Govt. of Chhattisgarh), 6352413 Ha. (46 %) of the total area in the State is covered by forests. The forests include protected forests, reserved forests, revenue forests and others. Nearly 85.14 % of Narayanpur district (638801 Ha) is covered and area wise Narayanpur district has the maximum forest cover (638801 Ha). Bemetara district has the lowest forest cover in terms of percentage of the total area (0.015 %, 40 Ha) and also area wise Bemetara has the lowest forest cover (40Ha). The net sown area for Chhattisgarh is just 33.87% (4671469Ha). The double cropped area is 1019386 Ha.

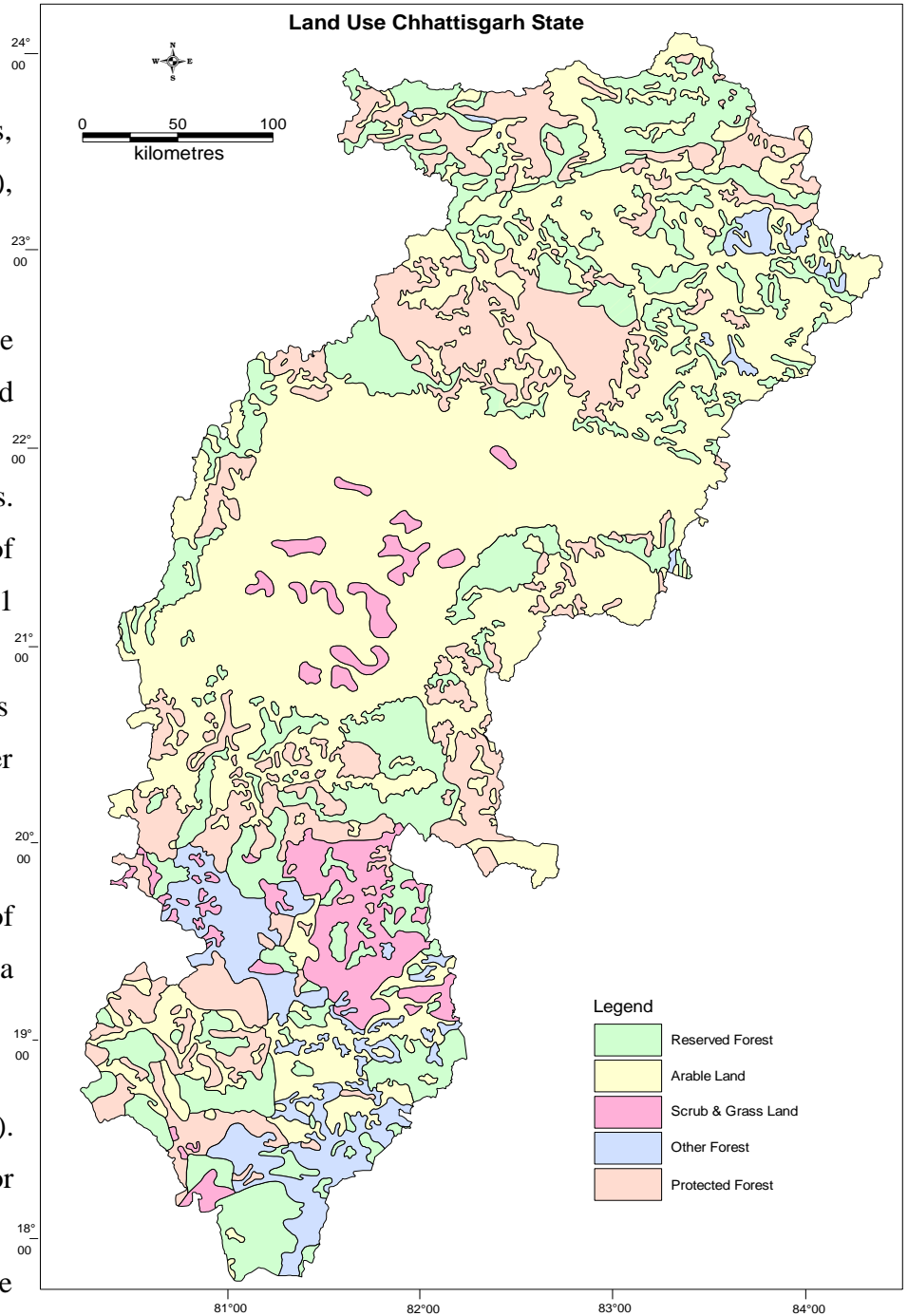


Fig 4.2 Landuse map of the State

Nearly 37 % of the net sown area has irrigation facilities. Land use map is presented in fig 4.2.

5. HYDROGEOLOGICAL CONDITIONS

The occurrence and movement of ground water is related to the existing geology of the area. The State is underlain by various rock types belonging to different geological ages, from Azoic to Quaternary. The major litho-units are shown in **Fig. 5.1** and the general geological succession is given in **Table 5.1**.

Nearly 58 % of the State is covered by Crystalline and metamorphic rocks; around 27 % of the area is covered by Chhattisgarh Group of rocks. The semi-consolidated Gondwana Supergroup of rocks covers 13 % of the area and the remaining 2 % by Daccan trap, Lameta, Laterite and River Alluvium.

The Archaean crystalline rocks comprise of granites and gneisses form the major litho-unit in the area. The ground water occurs under unconfined to semi-confined conditions. All the districts except Janjgir- Champa are covered by crystalline. The weathered formation and the fractures form the main repository for ground water in these rocks. The second important litho-unit in the area is the Proterozoic arenaceous–argillaceous- calcareous rocks of Chhattisgarh, Indravati, Khariyar and Sukma Groups. The weathered formation, caverns, fractures and formation contacts form the potential ground water zones. The karstified argillo –calcareous rocks are much more productive than compact –silicified arenaceous sediments. The gypsum karsts are more intense than calcareous karsts in the Chhattisgarh basin. The overall karstification in Indravati basin is much higher than in the Chhattisgarh basin. Karsts, though few and far in between are the best repository for ground water. These rocks cover the districts of Bastar, Narayanpur, Kondagaon, Dantewada, Bijapur, Sukma, Kanker, Raipur, Dhamtari, Mahasamund, Durg, Rajnandgaon, Kawardha, Bilaspur, Mungeli, Janjgir- Champa, Korba and Raigarh.

The rocks belonging to Gondwana Supergroup are the third major litho-unit in the area. The sandstone shows primary and occasional secondary porosity. They form thick and extensive unconfined to confined aquifers extending to a depth of 300 mbgl. At some places free flow conditions are existing and at places the temperature goes up to 50⁰C. The Gondwana formations are covering the districts of Raigarh, Korba, Koriya and Surguja and are exhibiting confined conditions.

Table 5.1: Geological Succession for Chhattisgarh State

Age	Formation	Lithology
Quaternary	Recent to sub recent	Alluvium – clay, silt, sand pebble, gravel, laterite ferruginous concretions
Cenozoic	Deccan traps	Traps with or without intertrappean sediments
Cenozoic, Mesozoic, upper Paleozoic	Gondwana Super group	Sandstone, shale, conglomerate, quartzite, silt – stone, clay stone.
Proterozoic	Chhattisgarh Super group Chilipi, Kotri, Dongargarh, Iron Ore Super group	Limestone and shale Arkose, conglomerate, sandstone, silt stone, shale Schist, phyllite, slate, gneiss, marble, BHQ.
Azoic	Basement crystalline Basement crystalline	Charnockite, Khondalite, granulite, gneisses and meta sediments Granites, gneisses and associated basic and ultra-basic intrusive

The unconsolidated formation of Quaternary age comprise of alluvium, clay, silt and laterite form as a thin and extensive unconfined aquifer in several isolated patches along major River courses. The thickness extending up to a depth of 30 mbgl along Mahanadi, Arpa, Hasdeo, Seonath, Kharun, Mand, Kelo Rivers.

From the hydrogeological point of view, all rock types existing in the State can broadly be divided into three groups as i) the consolidated formations, ii) the semi consolidated formations and iii) the unconsolidated formations. The hydrogeological map of the state is presented in **Fig. 5.2**.

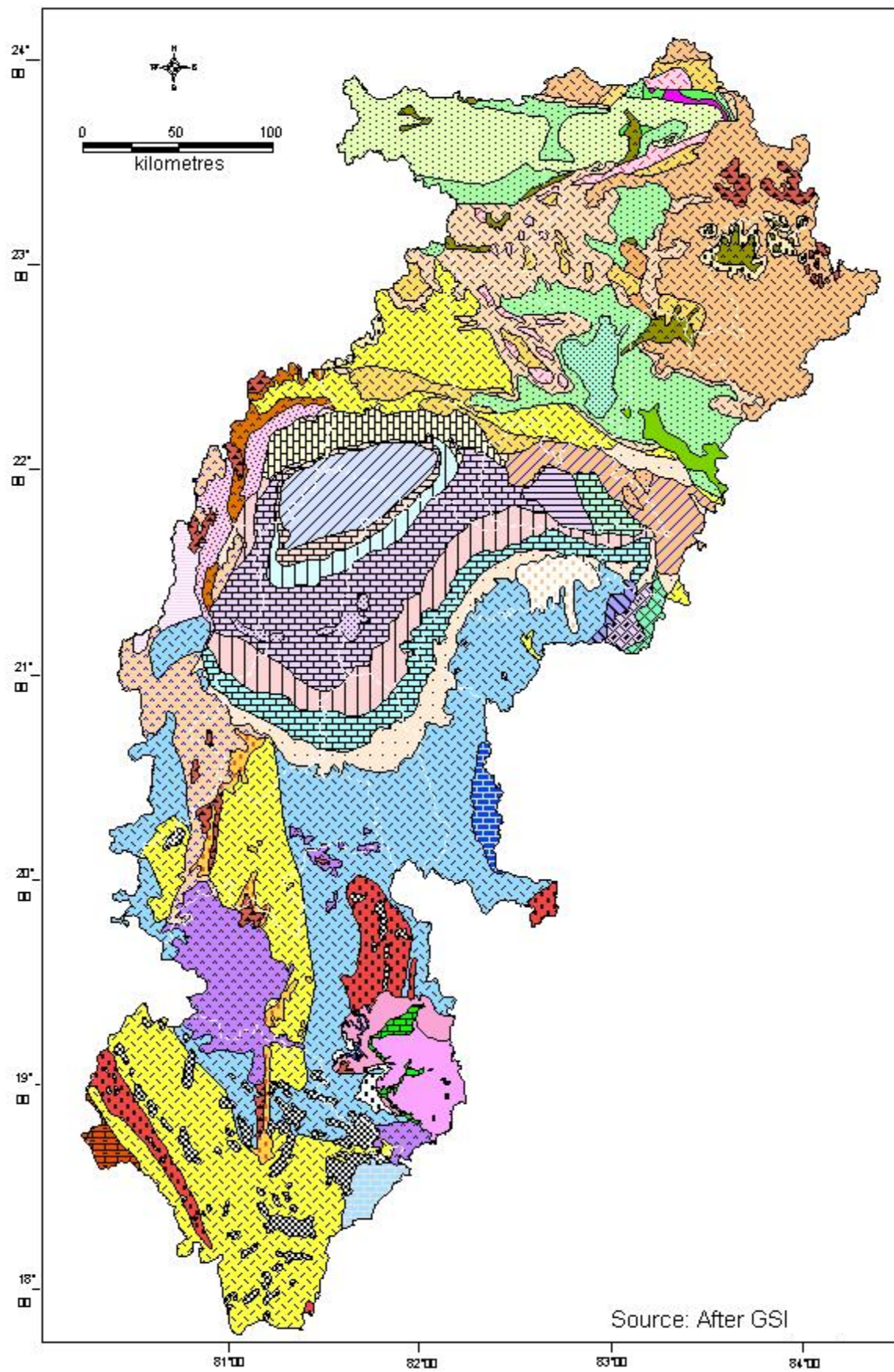
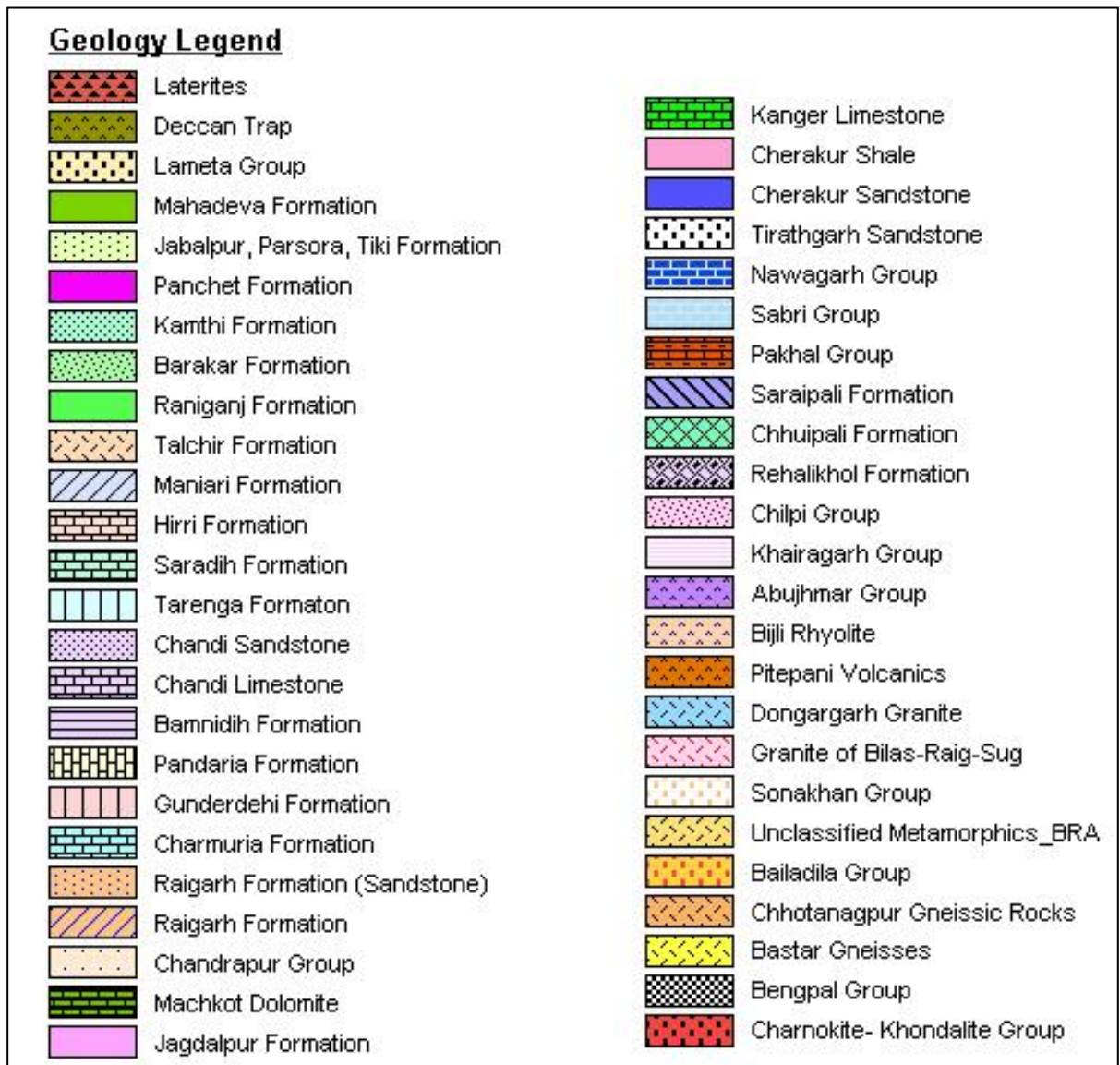


Fig. 5.1: Geological map of Chhattisgarh State



5.1 Consolidated Formations

The consolidated formations include the crystalline and the metamorphosed sedimentary formations belonging to Proterozoic age. They are mainly granites, granite gneisses, schistose rocks, charnockites, quartzites, calcsilicate rocks, shales, phyllites and limestones. These rocks are devoid of primary porosity. The ground water occurs in the secondary porosity resulting from fracturing, jointing and weathering. These hard rock aquifers exhibit considerable variations laterally as well as depth wise. The weathered formation is composed of loose regolith with secondary intergranular porosity, which facilitates free circulation of ground water. Also, the fractures at depth form potential repository of ground

water. In general, the average thickness of weathered formation varies from 15 to 20 m. The ground water occurs under water table conditions. The water bearing fracture zones are generally occurring within a depth of 100m, but deeper potential fractures are also encountered in some of the boreholes.

Deccan Trap basalts are typical hard rock formations. The lava flows are generally 10 to 20 m thick. The top of each flow comprises of 25 to 40 % vesicular/fragmentary basalt. The vesicles are generally filled with secondary minerals like calcite and zeolite. The characteristic red bole beds form the marker horizons and occur as inter- trappean beds between successive flows. Deccan Traps with primary vesicular structure and secondary fractures and joints are moderately productive from ground water point of view. The ground water occurs under both unconfined to semi confined conditions. The Deccan Trap basalts are occurring at few places.

5.2 Semi-consolidated formations

The semi-consolidated formations include Gondwana Supergroup of sedimentary rocks and ranging in age from Upper Carboniferous to Cretaceous. This group includes sandstone, shale, siltstone and conglomerate beds. These formations are generally highly compact and possess less intergranular porosity. The coarse to medium grained, weathered, fractured and friable sandstone forms good aquifer. The ground water occurs under water table conditions in the near surface aquifers and under confined conditions in the deeper aquifers. The depth of weathering in Gondwana Group of rocks generally extends to a depth of 15 m.

5.3 Unconsolidated formations

The unconsolidated formations include alluvium and laterite. Alluvium occurs as discontinues patches along the River courses where the thickness is limited. The sand and gravel layers act as a good repository for ground water. The ground water occurs under unconfined conditions. The laterites occur as cap rocks on basalts or granites. The laterites are vesicular, essentially ferruginous and form good repository of ground water.

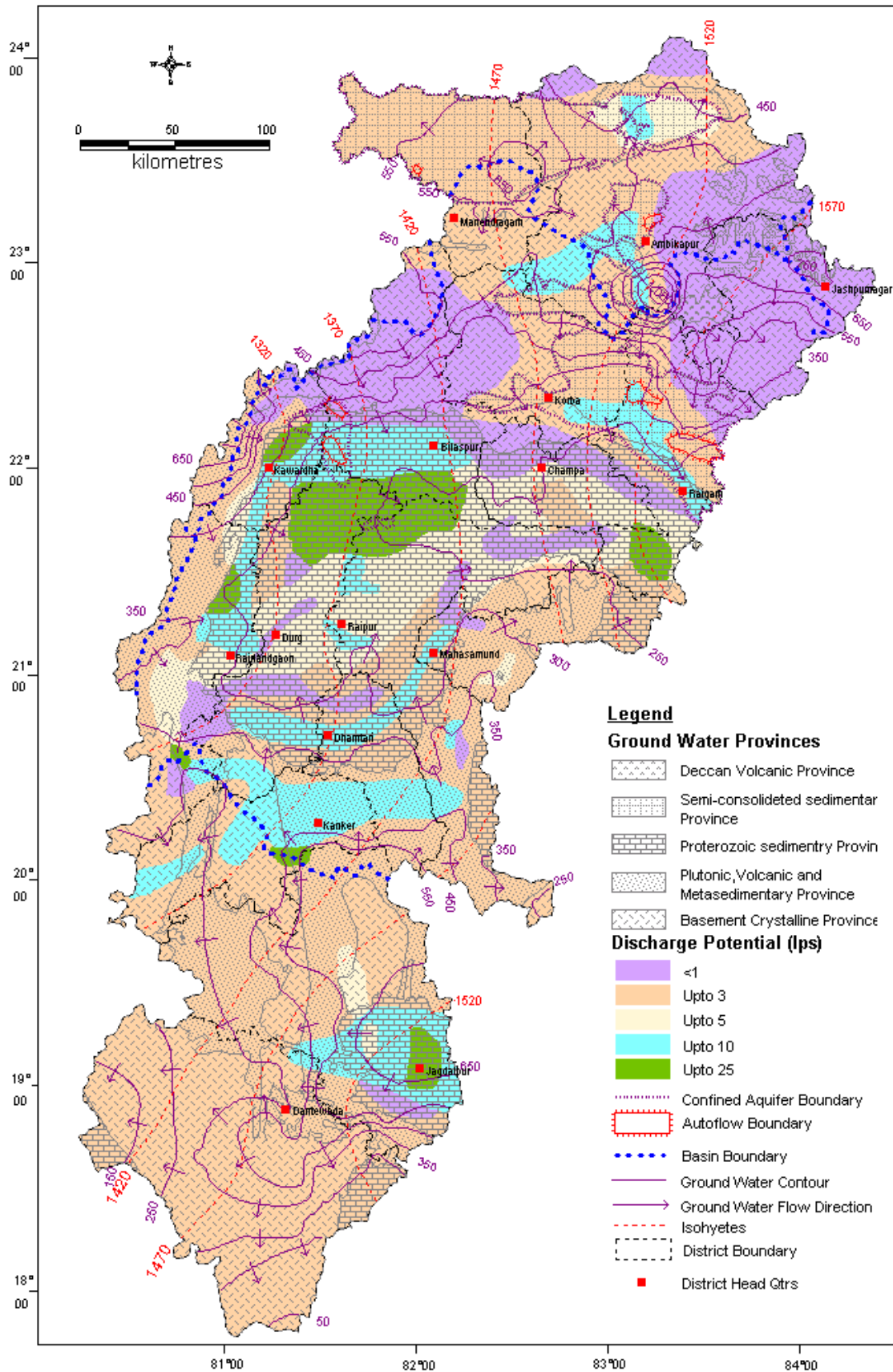


Fig. 5.2: Hydrogeological map of Chhattisgarh State

6. GROUND WATER REGIME MONITORING

Ground water level is not static. It is always under the influence of time-dependent recharge and discharge factors. As a result, the water level in the aquifer system fluctuates and the range depends on the period of influence. The recharge is due to many factors such as rainfall, seepage from reservoirs, lakes, ponds, rivers and irrigation, etc. The discharge includes ground water withdrawal through manual and pumping systems, natural seepage to rivers and sea, evaporation from shallow water table and transpiration through vegetation.

The Central Ground Water Board is monitoring the ground water regime through the length and breadth of the country since the year 1969 through a network of Hydrograph Stations (NHS). The density of observation wells is increased from year to year. As on 31st March 2019, a total of 1279 number of observation wells, which included both dug wells (1039) and piezometers (240) were established in Chhattisgarh for monitoring purposes. Location of the NHS wells is shown in **Fig. 6.1**. The details of NHS are given in Annexure-I.

The hydrograph network stations (NHS) are established permanently and are monitored during every set of measurements. The existing network provides information on ground water regime with fair degree of accuracy. The NHS wells are monitored four times in a year during the following months. They are;

May - 21st to 31st of the month - represents water level of Pre-monsoon period.

August - 21st to 31st of the month - represents peak monsoon water level

November - 1st to 10th of the month- represents water level of Post-monsoon period.

January - 1st to 10th of the month- represents the recession stage of water level

Water samples were collected from each network station during the month of May 2017 (Pre-monsoon) to assess the chemical quality of ground water.

6.1 Distribution of Hydrograph Network Stations (NHS)

a) **District-wise-** The total number of hydrograph network stations (NHS) in the State are 1279. Out of these 1039 are dug wells tapping the shallow aquifer and 240 are piezometers tapping both shallow and deeper aquifers. District-wise distribution of the hydrograph network stations is given in **Table 6.1** and is also shown in **Fig. 6.1**.

Table 6.1 District-wise distribution of the Hydrograph Network Stations

Sr. no	Name of the District	Total No. of Ground Water Monitoring Wells (As on 31, March 2018)			Total No. of Ground Water Monitoring Wells Established up to March 2019)			Total No. of Ground Water Monitoring Wells (As on March 2019)		
		DW	PZ	Total	DW	PZ	Total	DW	PZ	Total
1	Bastar	53	11	64	2	0	2	55	11	66
2	Bilaspur	89	11	100	0	0	0	89	11	100
3	Dhamtari	43	10	53	5	0	5	48	10	58
4	Durg	86	33	119	4	0	4	90	33	123
5	Janjgir-Champa	51	11	62	0	0	0	51	11	62
6	Jashpur	73	11	84	0	0	0	73	11	84
7	Kanker	33	4	37	1	0	1	34	4	38
8	Kawardha	19	9	28	0	0	0	19	9	28
9	Korba	79	29	108	1	0	1	80	29	109
10	Koriya	52	6	58	0	0	0	52	6	58
11	Mahasamund	31	20	51	2	0	2	33	20	53
12	Raigarh	125	19	144	0	0	0	125	19	144
13	Raipur	121	36	157	3	0	3	124	36	160
14	Rajnandgaon	82	9	91	3	0	3	85	9	94
15	Surguja	80	21	101	1	0	1	81	21	102
	Total	1017	240	1257	22	0	22	1039	240	1279

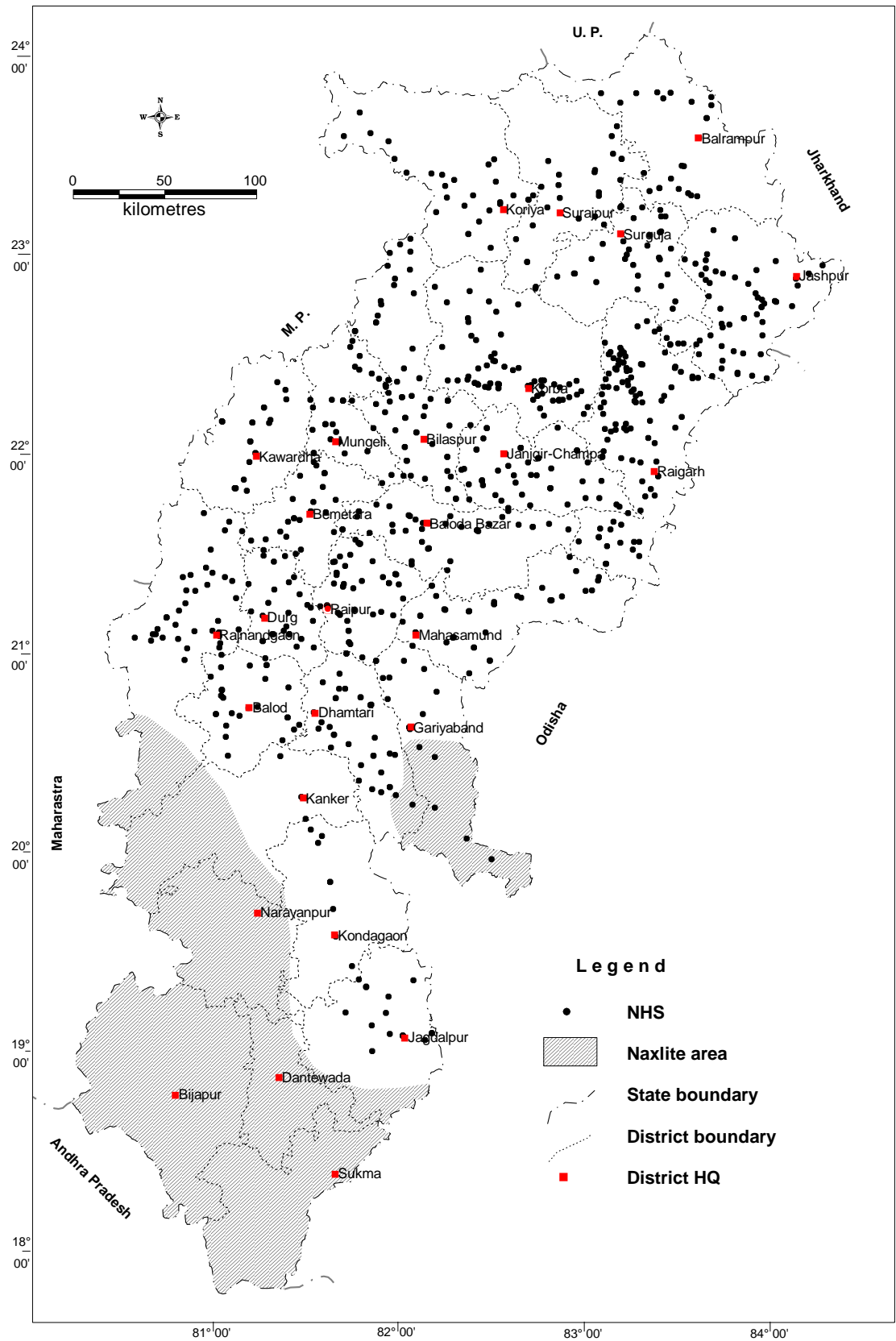


Fig 6.1 Location of NHS monitoring stations, Chhattisgarh State

7. ANALYSIS OF WATER LEVELS

The ground water levels observed over a period provides valuable information on the behavior of the ground water regime, which is constantly subjected to changes due to recharge and discharge phenomena. A balance between these two factors is resulting in the decline or rise in the ground water storage. When the recharge exceeds discharge there will be a rise in the ground water storage and vice versa. The decline in water level may be due to increase in draft (for different purposes) or decrease in precipitation (less recharge to ground water). On the other hand, a rise in water level may be due to an increase in rainfall and/or due to changes in irrigation practices.

The dug wells are tapping the phreatic aquifer which is mostly limited to a depth of 15 m. The depth of piezometers which are tapping both the phreatic and deeper aquifers varies from 18 to 90 m. Hence the water level recorded in the piezometers may not be the same as that of dug wells for a particular period though both the structures are in the same place. In this report the water level data collected from the dug wells is presented. The water level in some of the wells on the southern part of the State could not be measured due to various reasons. Hence those areas are left blank while preparing different maps.

The NHS (dug wells) water level data collected four times during the year 2018-19 was analyzed and for every set of measurements, write up and maps were prepared and are presented here under various paragraphs. The NHS (dug well) water level data is given in **Annexure-II**. The purpose of water level data analysis is;

- i) Four measurements of depth to water level gives an overall idea regarding the ground water level in the state during the year of measurement.
- ii) The fluctuation in comparison to the same month in the previous year gives an idea about the change in the ground water level for a particular period with respect to that of the level during the same month in the previous year. This gives an idea about the change in the amount of draft and rainfall between the two years.
- iii) The water level fluctuation during the pre-monsoon period in comparison to last year gives an idea about the seasonal fluctuation, which ultimately reflects the change in dynamic ground water resources.

- iv) The water level fluctuation during a particular month of measurement with reference to the decadal mean for the same months gives an idea of the behavior of the ground water level on long-term basis.

7.1 Depth to Water Level

7.1.1 May 2018

In general, the depth to water level range up to 5 mbgl is observed in approximately 19.57% of the wells and depth to water level range up to 10 mbgl is observed in 81.0 % of the wells in the state. Deeper water levels ranging between 10 and 20 mbgl occur only in 18.27% of the observation wells and mostly in all part of state. Deeper water levels ranging between 20 and 30 mbgl occur only in 0.63% of the observation wells and mostly in all part of Korba, Bilaspur, Surguja, Durg, Mahasamund and Kawardha district. The deepest water level of 40 m bgl in Achanakmar PZ observation well in Bilaspur district is observed.

18 numbers of wells (approximately 1.9% of the monitored wells) in the state are showing water levels between 0-2 m bgl in almost all the districts of Chhattisgarh State except Bastar, Bilaspur, Janjgir-Champa, Kanker, and Kawardha. Water levels in the range of 2-5 m bgl are recorded in about 166 of the observation wells monitored. The highest percentages of wells in this range are in Baster (27.27%), Durg (28.97%), Mahasamund (32.35%) Raipur (28.71) & Dhamtari (24.44%) districts. Nearly 66.67% of observation wells are exhibiting water level in the range of 5-10 mbgl in most of the districts of the state. The district wise frequency distribution of different ranges of depth to water level is furnished in **Annexure-I and II**. District wise distribution of percentage of observation wells at different ranges of depth to water level as observed in May '2018 are given in **Table 7.1** and represented on a map and appended as **Fig 7.1**.

Table 7.1 District wise distribution of percentage of observation wells at different ranges of depth to water level in May' 2018									
District	No. of Wells Analysed	Depth to Water Table (mbgl)		No. / Percentage of Wells Showing Depth to Water Table (mbgl) in the Range of					
		Min	Max	0.0 - 2.0	2.0 - 5.0	5.0 - 10.0	10.0 - 20.0	20.0 - 40.0	>40.0
BASTAR	22	2.13	14.10	0	6	14	2	0	0
					27.27%	63.64%	9.09%		
BILASPUR	115	2.51	40.00	0	7	63	43	2	0
					6.09%	54.78%	37.30%	1.74%	
DHAMTARI	45	1.45	13.98	1	11	30	3	0	0
				2.22%	24.44%	66.67%	6.67%		
DURG	107	1.20	35.60	3	31	51	21	1	0
				2.80%	28.97%	47.66%	19.63%	0.93%	
JANJGIR - CHAMPA	50	2.10	15.30	0	7	37	6	0	0
					14.00%	74.00%	12.00%		
JASHPUR	62	1.80	18.07	2	7	46	7	0	0
				3.23%	11.29%	74.19%	11.29%		
KANKER	7	2.61	14.00	0	1	5	1	0	0
					14.29%	71.43%	14.29%		
KAWARDHA	20	2.80	23.30	0	1	14	4	1	0
					5.00%	70.00%	20.00%	5.00%	
KORBA	74	0.65	20.00	1	3	51	19	0	0
				1.35%	4.05%	68.92%	25.68%		
KORIYA	44	1.30	17.25	2	8	29	5	0	0
				4.55%	18.18%	65.91%	11.36%		
MAHASAMUND	34	0.72	22.00	1	11	17	4	1	0
				2.94%	32.35%	50.00%	11.76%	2.94%	
RAIGARH	99	0.70	13.40	3	20	63	13	0	0
				3.03%	20.20%	63.64%	13.13%		
RAIPUR	101	1.65	19.90	1	29	61	10	0	0
				0.99%	28.71%	60.40%	9.90%		
RAJNANDGAON	64	1.30	15.20	3	10	33	18	0	0
				4.69%	15.63%	51.56%	28.13%		
SURGUJA	96	1.20	21.76	1	14	64	16	1	0
				1.04%	14.58%	66.67%	16.67%	1.04%	
Total	940	0.65	40.00	18	166	578	172	6	0

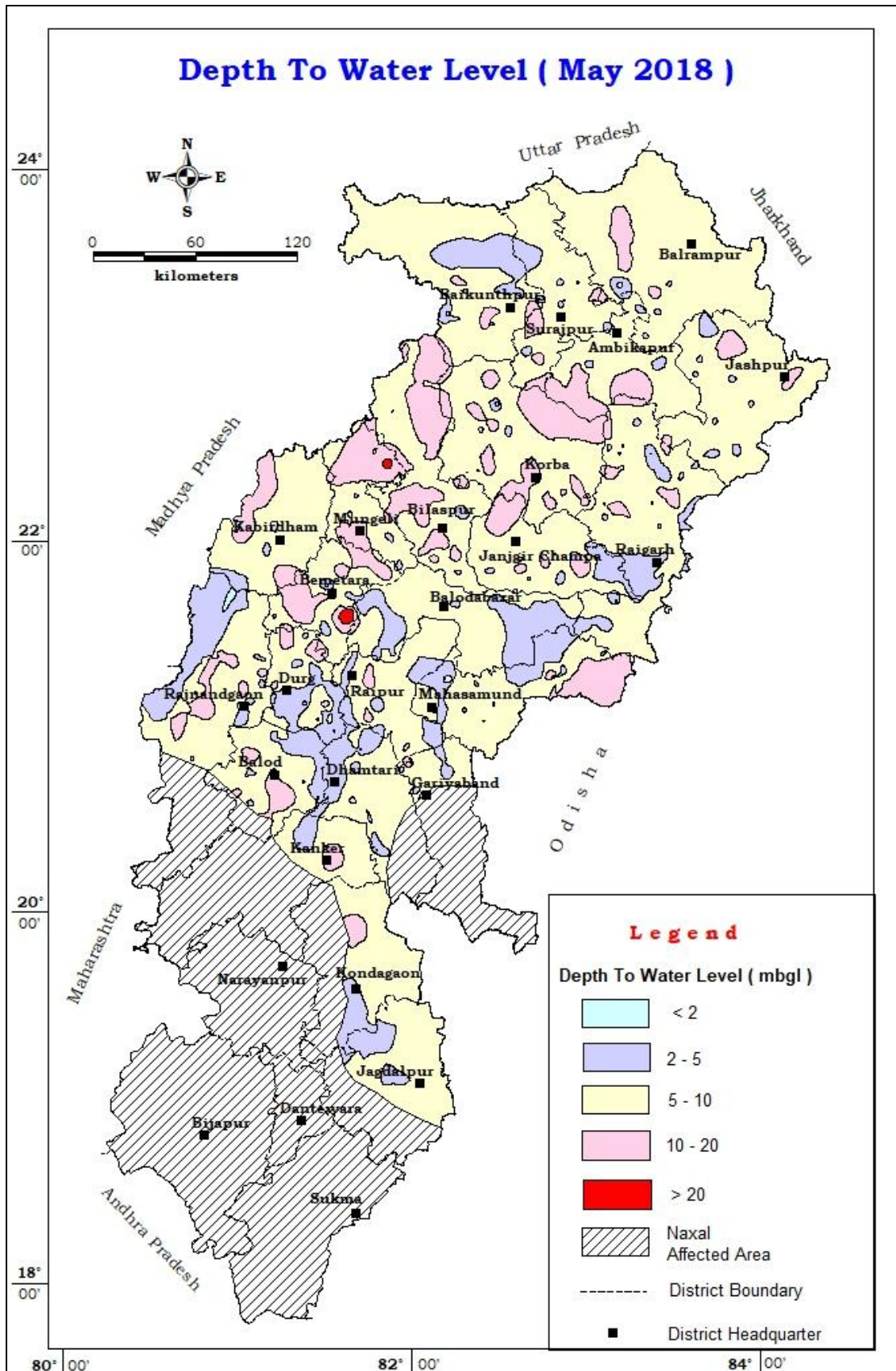


Fig 7.1 Depth to Water Level Map (May'2018)

7.1.2 August 2018

In general, the depth to water level range up to 5 mbgl is observed in approximately 54.16% of the wells and depth to water level range up to 10 mbgl is observed in approximately 116.3% of the wells in the state. Deeper water levels ranging between 10 and 20 mbgl occur only in 0.83% of the observation wells and mostly in parts of Bilaspur, Jashpur, Korba, Koriya and Raigarh districts. The deepest water level of 31.62 mbgl was monitored in Ganiyari new observation well of Durg district.

455 numbers of wells (approximately 54.16% of the monitored wells) in the state are showing water levels between 0-2 m bgl in almost all the districts of Chhattisgarh State. Water levels in the range of 2-5 m bgl are recorded in about 299 of the observation wells monitored (approximately 35.59%). The highest percentages of wells in this range are in Surguja (54.26%), Jaspur (65.85%), Korba (53.85%) & Jangir-Champa (65.85%) districts. Nearly 35.59% of observation wells are exhibiting water level in the range of 5-10 mbgl in most of the districts of the state. The district wise frequency distributions of different ranges of depth to water level are furnished in **Annexure-I and II**. District wise distribution of percentage of observation wells at different ranges of depth to water level as observed in August'2018 are given in **Table 7.2** and represented on a map and appended as **Fig 7.2**.

Table 7.2 District wise distribution of percentage of observation wells at different ranges of depth to water level in August' 2018

	No. of Wells Analysed	Depth to Water Table (mbgl)		No. / Percentage of Wells Showing Depth to Water Table (mbgl) in the Range of					
		Min	Max	0 - 2.0	2.0 -5.0	5.0 - 10.0	10.0 - 20.0	20.0 - 40.0	> 40.0
BASTAR	21	0.70	4.60	14 66.67%	7 33.33%	0	0	0	0
BILASPUR	69	0.63	31.62	21 30.43%	28 40.58%	17 24.64%	2 2.90%	1 1.45%	0
DHAMTARI	45	0.40	4.57	35 77.78%	10 22.22%	0	0	0	0
DURG	103	0.10	6.10	85 82.52%	16 15.53%	2 1.94%	0	0	0
JANJGIR - CHAMPA	41	0.80	5.30	12 29.27%	27 65.85%	2 4.88%	0	0	0
JASHPUR	61	0.50	10.20	18 29.51%	38 62.30%	4 6.56%	1 1.64%	0	0
KANKER	18	0.37	5.60	11 61.11%	6 33.33%	1 5.56%	0	0	0
KAWARDHA	16	0.81	3.34	12 75.00%	4 25.00%	0	0	0	0
KORBA	52	0.74	11.00	15 28.85%	28 53.85%	8 15.38%	1 1.92%	0	0
KORIYA	49	0.29	10.50	18 36.73%	23 46.94%	7 14.29%	1 2.04%	0	0
MAHASAMUND	31	0.72	3.89	28 90.32%	3 9.68%	0	0	0	0
RAIGARH	103	0.30	12.10	39 37.86%	45 43.69%	17 16.50%	2 1.94%	0	0
RAIPUR	92	0.61	6.72	80 86.96%	10 10.87%	2 2.17%	0	0	0
RAJNANDGAON	45	0.89	4.49	42 93.33%	3 6.67%	0	0	0	0
SURGUJA	94	0.92	9.80	25 26.60%	51 54.26%	18 19.15%	0	0	0
Total	840	0.10	31.62	455	299	78	7	1	0

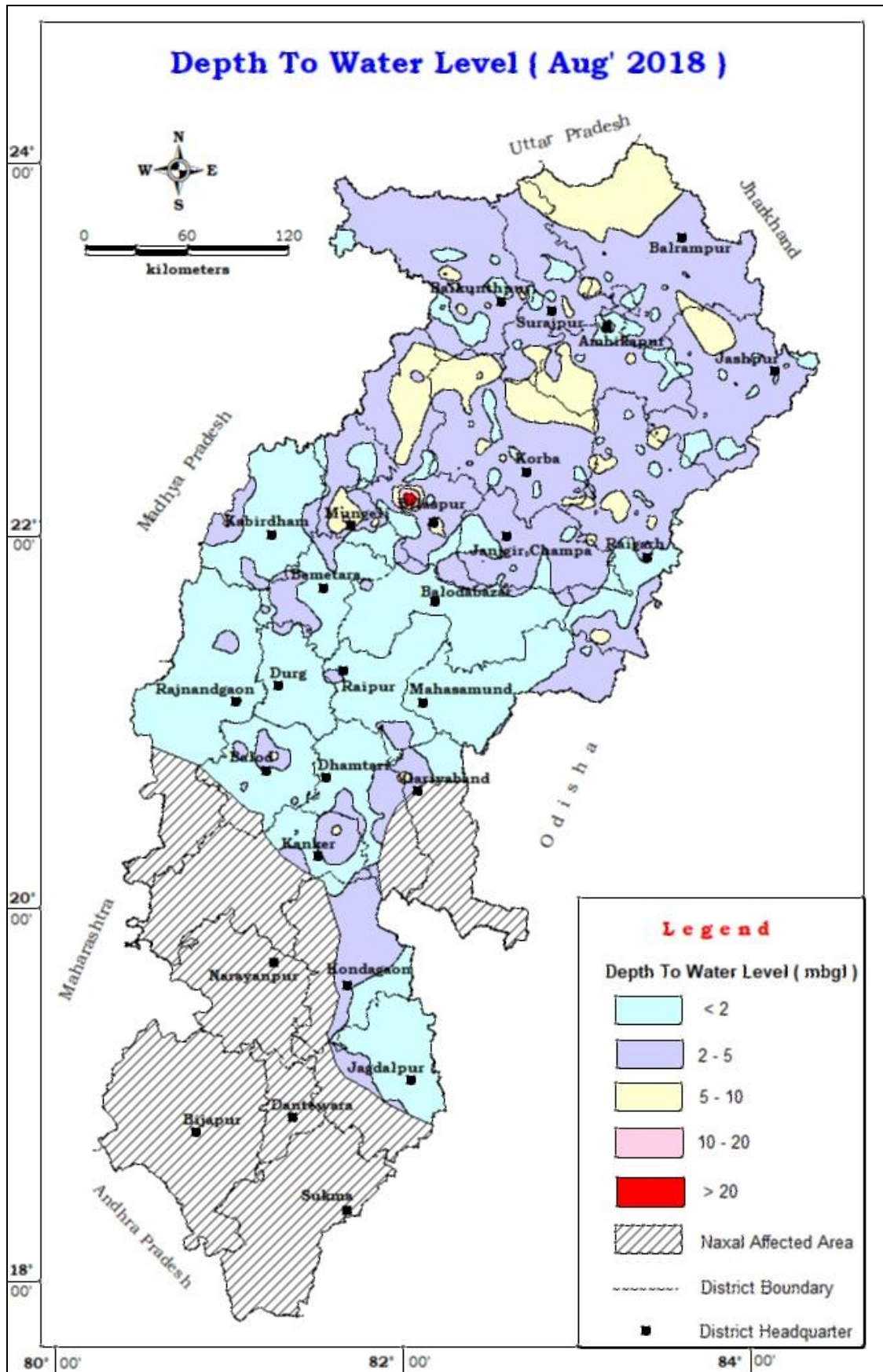


Fig 7.2 Depth to Water Level Map (August'2018)

7.1.3 November 2018

In general, the depth to water level range up to 5 mbgl is observed in approximately 66.67% of the wells and depth to water level range up to 10 mbgl is observed in approximately 97.58% of the wells in the state. Deeper water levels ranging between 10 and 20 mbgl occur only in 2.28% of the observation wells and mostly in parts of Bilaspur, Durg, Janjgir Champa, Jashpur, Kanker, Korba, Koriya, Raigarh, and Surguja districts. The deepest water level of 21.00 m bgl was monitored in Ganiyari observation well of Bilaspur district.

25 numbers of wells (approximately 3.36% of the monitored wells) in the state are showing water levels between 0-2 m bgl in almost all the districts of Chhattisgarh State. Water levels in the range of 2-5 m bgl are recorded in about 471 (63.30%) of the observation wells monitored. The highest percentages of wells in this range are in, Durg (77.55%), Dhamtari (81.82), Kawardha (76.47%) Raipur (91.40%), Mahasamund (84.38%) and Rajnandgaon (77.08%) districts. Nearly 30.91% of observation wells are exhibiting water level in the range of 5-10 mbgl in most of the districts of the state. District wise distribution of percentage of observation wells at different ranges of depth to water level as observed in November '2018 are given in **Table 7.3** and represented on a map and appended as **Fig 7.3**.

Table 7.3 District wise distribution of percentage of observation wells at different ranges of depth to water level in November' 2018

District	No. of Wells Analysed	Depth to Water Table (mbgl)		No. / Percentage of Wells Showing Depth to Water Table (mbgl) in the Range of					
		Min	Max	0.0 -2.0	2.0 - 5.0	5.0- 10.0	10.0 - 20.0	20.0 - 40.0	>40
BASTAR	17	2.45	9.05	0	8 47.06%	9 52.94%	0	0	0
BILASPUR	53	1.70	21.00	1 1.89%	22 41.51%	26 49.06%	3 1.89	1	0
DHAMTARI	44	2.20	10.17	0	36 81.82%	8 18.18%	0	0	0
DURG	98	0.95	17.70	6 6.12%	76 77.55%	14 14.29%	2 2.04%	0	0
JANJGIR - CHAMPA	35	1.47	11.85	9 25.71%	16 45.71%	9 25.71%	1 2.86%	0	0
JASHPUR	43	2.24	11.65	0	25 58.14%	17 39.53%	1 2.33%	0	0
KANKER	8	2.00	5.30	1 12.50%	5 62.50%	2 25.00%	0	0	0
KAWARDHA	17	2.71	9.74	0	13 76.47%	4 23.53%	0	0	0
KORBA	37	1.85	11.32	1 2.70%	18 48.65%	17 45.95%	1 2.70%	0	0
KORIYA	48	1.19	11.45	2 4.17%	28 58.33%	16 33.33%	2 4.17%	0	0
MAHASAMUND	32	2.19	7.42	0	27 84.38%	5 15.63%	0	0	0
RAIGARH	77	1.42	12.30	3 3.90%	39 50.65%	33 42.86%	2 2.60%	0	0
RAIPUR	93	2.27	8.40	0	85 91.40	8 8.60	0	0	0
RAJNANDGAON	48	1.47	9.32	1 2.08%	37 77.08%	10 20.83%	0	0	0
SURGUJA	94	1.84	13.23	1 1.06%	36 38.30%	52 55.32%	5 5.32%	0	0
Total	744	0.95	21.00	25	471	230	17	1	0

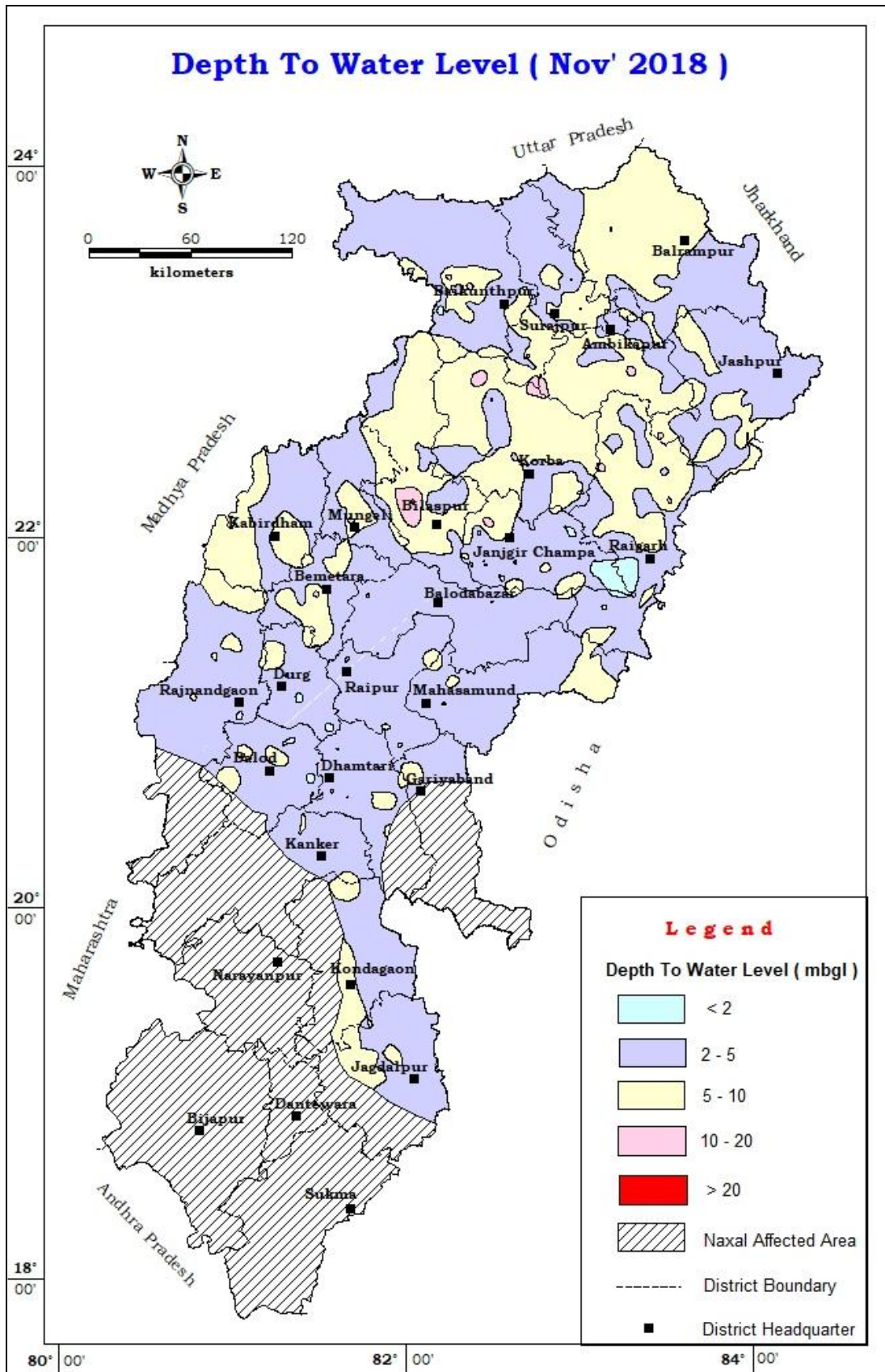


Fig.7.3 Depth to Water Level Map (November'2018)

7.1.4 January 2019

In general, the depth to water level range up to 5 mbgl is observed in approximately 47.02% of the wells and depth to water level range up to 10 mbgl is observed in approximately 95.79% of the wells in the state. Deeper water levels ranging between 10 and 20 mbgl occur only in 4.20% of the observation wells and mostly in parts of Bilaspur, Durg, Kawardha, Janjgir- Champa, Jashpur, Korba, Koriya, Mahasamund, Raigarh, Raipur and Surguja districts. The deepest water level of 14.46 m bgl was monitored in Korba observation well of Korba district.

22 numbers of wells (approximately 47.02% of the monitored wells) in the state are showing water levels between 0-2 m bgl in almost all the districts of Chhattisgarh State. Water levels in the range of 2-5 m bgl are recorded in about 358 (44.30%) of the observation wells monitored. The highest percentages of wells in this range are in Jaspur (62.96), Mahasamund (65.00), Raipur (60.00) districts. Nearly 48.76 % of observation wells are exhibiting water level in the range of 5-10 mbgl in most of the districts of the state. District wise frequency distributions of different ranges of depth to water level are furnished in **Annexure-I and II**. The district wise frequency distributions of different ranges of depth to water level are furnished in **Table 7.4**. Different ranges of depth to water table as observed in January 2019 are represented on a map and appended as **Fig 7.4**

Table 7.4 District wise distribution of percentage of observation wells at different ranges of depth to water level in Jan' 2019

District	Depth to Water Table (mbgl)	No. of Wells Analysed		No. / Percentage of Wells Showing Depth to Water Table (mbgl) in the Range of					
		Min	Max	0.0 - 2.0	2.0 - 5.0	5.0 - 10.0	10.0 - 20.0	20.0 - 40.0	> 40.0
BASTAR	22	1.98	8.12	1 455.00%	12 54.55%	9 40.91%	0	0	0
BILASPUR	85	1.75	22.00	2 2.35%	39 45.88%	38 44.71%	6 7.05%	0	0
DANTEWADA	1	6.46	6.46	0	0	1 100.00%	0	0	0
DHAMTARI	43	3.12	11.00	0	22 51.16%	21 48.84%	0	0	0
DURG	96	2.12	18.30	0	50 52.08%	43 44.79%	3 3.13%	0	0
JANJGIR - CHAMPA	43	1.90	12.90	2 4.65%	23 53.49%	17 39.53%	1 2.33%	0	0
JASHPUR	54	1.87	11.58	1 1.85%	34 62.96%	18 33.33%	1 1.85%	0	0
KANKER	25	2.28	9.28	0	8 32.00%	17 68.00%	0	0	0
KAWARDHA	17	3.53	10.48	0	2 11.76%	13 76.47%	2 11.76%	0	0
KORBA	63	1.90	14.46	1 1.59%	22 34.92%	37 58.73%	3 4.76%	0	0
KORIYA	46	1.10	12.20	2 4.35%	22 47.83%	18 39.13%	4 8.70%	0	0
MAHASAMUND	20	0.73	10.30	2 10.00%	13 65.00%	4 20.00%	1 5.00%	0	0
RAIGARH	84	1.47	12.30	6 7.14%	36 42.86%	38 45.24%	4 4.76%	0	0
RAIPUR	65	0.70	11.10	3 4.62%	39 60.00%	22 33.85%	1 1.54%	0	0
RAJNANDGAON	49	2.40	10.00	0	12 24.49%	37 75.51%	0	0	0
SURGUJA	95	1.59	13.95	2 2.11%	24 25.26%	61 64.21%	8 8.42%	0	0
Total	808	0.70	22.00	22	358	394	34	0	0

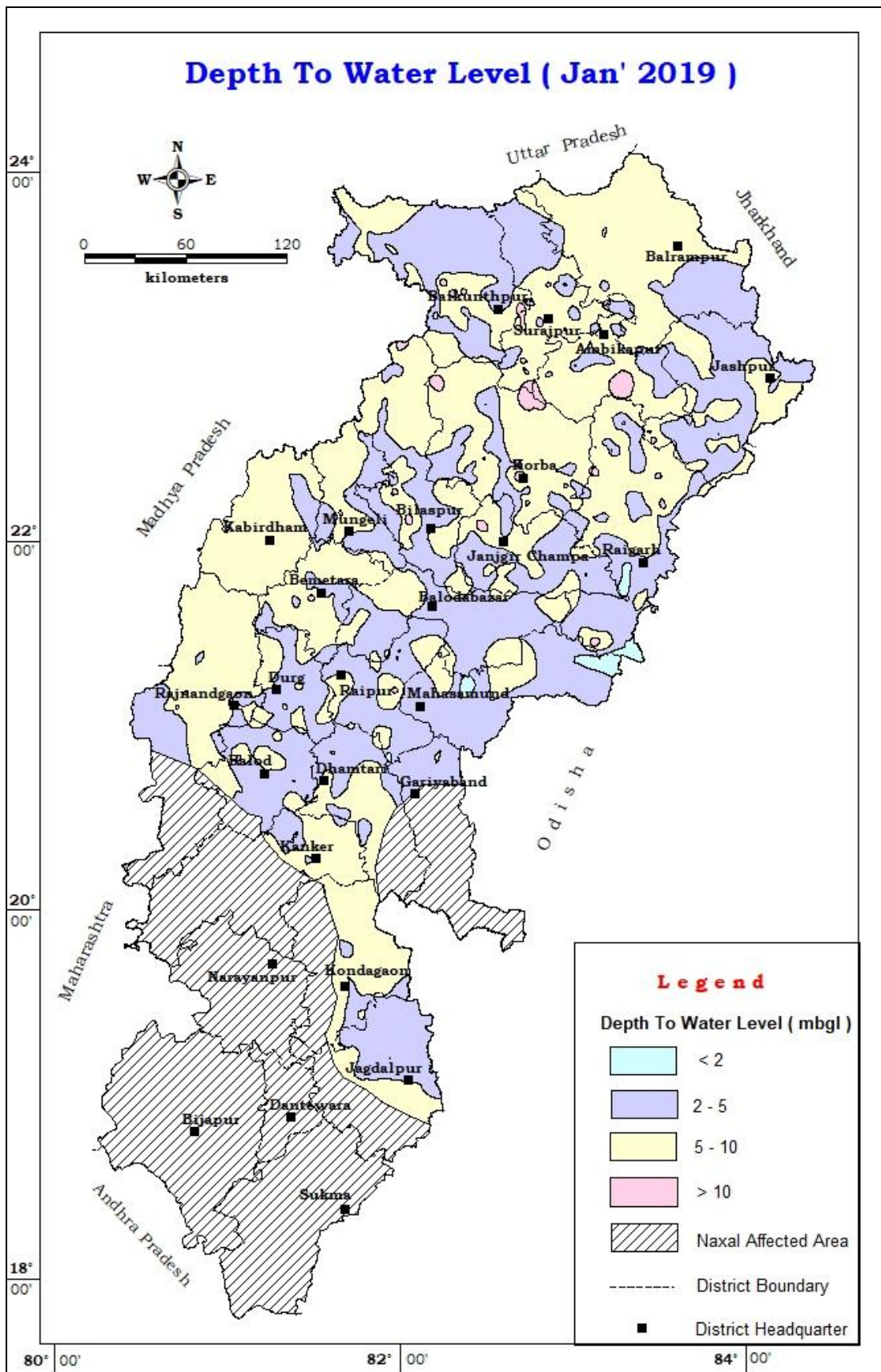


Fig. 7.4 Depth to Water Level Map (January'2019)

7.2 Water Level Fluctuation

7.2.1 May 2017 Vs May 2018

When compared to water level in May 2017, nearly 45% of the observation wells are showing rise in water level in May' 2018. Rise of water level in the range of 0-2 m is observed in 29.09% of the wells distributed in almost all the districts. Rise of water level in the range of 2-4 m is observed in 8.3 % of the wells distributed in almost all the districts except Janjgir Champa and Kanker districts. Rise of water level by more than 4 m is also observed in 5.46 % of the monitored wells except Janjgir Champa and Kanker district. Fall of water level is recorded in nearly 52.57 % of the monitored wells. Fall of water level in the range of 0-2 m, 2-4 m and more than 4 m are observed in 32.47%, 13.18% and 6.91% of the monitored wells, respectively in the State.

The district wise frequency for different fluctuation ranges is presented in **Table 7.5**. Different ranges of fluctuation in May 2018 as compared to May 2017 are represented on a map and appended as **Fig 7.5, Table 7.5**

Table 7.5 District Wise - Fluctuation and Frequency Distribution From Different Ranges between 2017/May To 2018/May													
District Name	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Min	Max	Min	Max	Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	10	0.16	4.50	4.90	4.90	3 30.00%	4 40.00%	2 20.00%	0	0	1 10.00	9	1
BILASPUR	82	0.02	5.90	0.01	15.22	12 14.63%	3 3.66%	1 1.22%	29 35.37%	19 23.17%	8 9.76	16	56
DHAMTARI	19	0.61	4.44	0.13	6.42	5 26.32%	2 10.53%	2 10.53%	7 36.84%	1 5.26%	1 5.26	9	9
DURG	77	0.12	7.50	0.04	11.43	29 37.66%	4 5.19%	5 6.49%	21 27.27%	8 10.39%	6 7.79	38	35
JANJGIR - CHAMPA	34	0.01	1.06	0.29	6.90	5 14.71%	0	0	13 38.24%	11 32.35	5 14.71	5	29
JASHPUR	45	0.05	7.13	0.01	7.33	12 26.67%	2 4.44%	4 8.89%	17 37.78%	6 13.33	4 8.89	18	27
KANKER	2	4.79	4.79	0.07	0.07	0	0	1 50.00%	1 50.00%	0	0	1	1
KAWARDHA	18	0.12	8.15	0.08	2.11	4 22.22%	2 11.11%	2 11.11%	6 33.33%	1 5.56	0	8	7
KORBA	46	0.01	4.50	0.03	8.50	10 21.74%	1 2.17%	1 2.17%	20 43.48%	6 13.04	4 8.70	12	30
KORIYA	36	0.15	3.01	0.02	12.23	13 36.11%	5 13.89%	0	11 30.56%	4 11.11	2 5.56	18	17
MAHASAMUND	19	0.06	6.60	0.04	4.80	7 36.84%	5 26.32%	1 5.26%	4 21.05%	0 %	1 5.26	13	5
RAIGARH	63	0.05	7.75	0.08	6.59	24 38.10%	9 14.29%	4 6.35%	13 20.63%	9 14.29	3 4.76	37	25
RAIPUR	55	0.06	9.14	0.01	13.65	15 27.27%	6 10.91%	9 16.36%	16 29.09%	6 10.91	3 5.45	30	25
RAJNANDGAON	51	0.08	5.85	0.03	6.20	16 31.37%	2 3.92%	2 3.92%	19 37.25%	7 13.73	2 3.92	20	28
SURGUJA	65	0.05	3.57	0.02	4.97	26 40.00%	7 10.77%	0	25 38.46%	4 6.15	3 4.62	33	32
Total	622	(4.79)	(1.06)	0.01	15.22	181	52	34	202	82	43	267	327

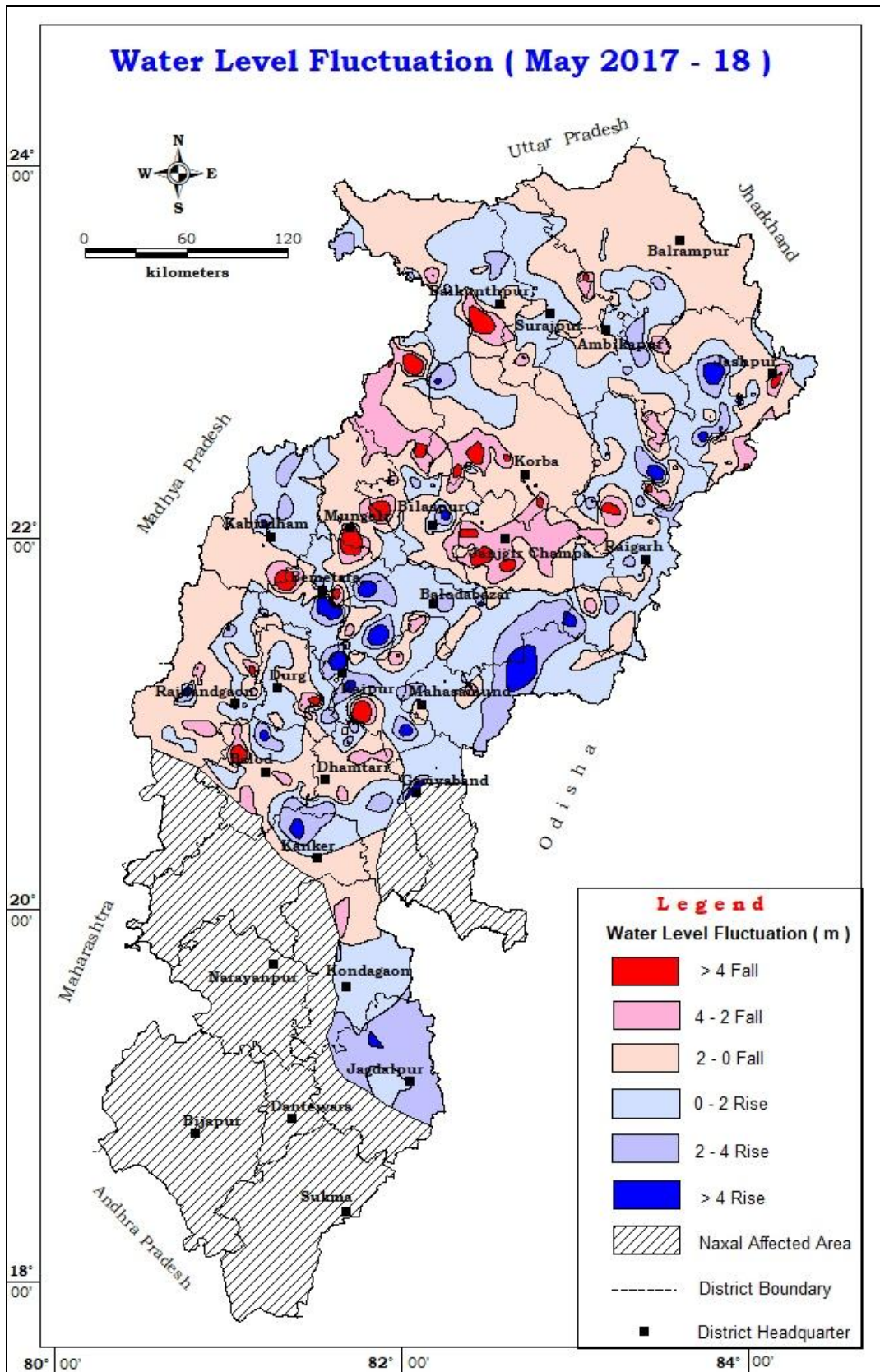


Fig. 7.5 Water Level Fluctuation (May'2017 Vs May'2018)

7.2.2 August 2017 Vs August 2018

When compared to water level in August 2017, nearly 27.49% of the observation wells are showing rise in water level in August' 2018. Rise of water level in the range of 0-2 m is observed in 57.23 % of the wells distributed in almost all the districts except Kanker district. Rise of water level in the range of 2-4 m is observed in 9.0 % of the wells monitored mostly in Bilaspur, Dhamtari, Jangir-Champa, Mahasamund, Raipur and Surguja districts. Rise of water level by more than 4 m is observed in 2.53% of the monitored wells in Bilaspur, Durg, Kawardha, and Rajnandgaon districts. Fall of water level is recorded in nearly 71.06 % of the monitored wells. Fall of water level in the range of 0-2 m, 2-4 m and more than 4 m are observed in 22.9%, 3.69% and 0.80% of the monitored wells, respectively in the State.

The district wise frequency for different fluctuation ranges is presented in **table 7.6**. Different ranges of fluctuation in Aug 2018 as compared to Aug 2017 are represented on a map and appended as **fig 7.6**.

7.2.3 November 2017 Vs November 2018

When compared to water level in November 2017, nearly 65.96% of the observation wells are showing rise in water level in November' 2018. Rise of water level in the range of 0-2 m is observed in 26.35 % of the wells distributed in almost all the districts. Rise of water level in the range of 2-4 m is observed in 4.18 % of the wells monitored mostly in Bilashpur, Durg, Jangir-Champa, Kawardha, Mahasamund, Raigarh and Korba districts. Rise of water level by more than 4 m fall is observed in 2.96 % of the monitored wells. Fall of water level is recorded in nearly 33.50 % of the monitored wells. Fall of water level in the range of 0-2 m, 2-4 m and more than 4 m are observed in 50.08%, 12.21 % and 3.66 % of the monitored wells, respectively in the State.

The district wise frequency for different fluctuation ranges is presented in **Table 7.7**. Different ranges of fluctuation in Nov' 2018 as compared to Nov' 2017 are represented on a map and appended as **Fig. 7.7**.

7.2.4 January 2018 Vs January 2019

When compared to water level in January 2018, nearly 53.26 % of the observation wells are showing rise in water level in January' 2019. Rise of water level in the range of 0-2 m is observed in 37.85 % of the wells distributed in almost all the districts except Durg, Raigarh and Raipur district. Rise of water level in the range of 2-4 m is observed in 9.21 % of the wells monitored mostly in Bilaspur, Rajnandgaon and Durg districts. Rise of water level by more than 4 m fall is observed in 6.19 % of the monitored wells. Fall of water level is recorded in nearly 55.49 % of the monitored wells. Fall of water level in the range of 0-2 m, 2-4 m and more than 4 m are observed in 34.50 %, 8.37 % and 3.01% of the monitored wells, respectively in the State.

The district wise frequency for different fluctuation ranges is presented in **Table 7.8**. Different ranges of fluctuation in January 2019 as compared to January 2018 are represented on a map and appended as **Fig 7.8**

Table 7.6 District wise frequency for different fluctuation ranges between Aug 2017 Vs Aug 2018

District Name	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	13	0.05	0.99	0.05	1.57	9 69.23%	0	0	4 30.77%	0	0	9	4
BILASPUR	55	0.10	3.55	0.05	26.62	21 38.18%	5 9.09%	0	21 38.18%	5 9.09%	3 5.45%	26	29
DHAMTARI	25	0.12	3.03	0.07	2.77	15 60.00%	2 8.00%	10 14.71%	7 28.00%	1 4.00%	0	17	8
DURG	68	0.04	11.08	0.14	2.74	37 54.41%	11 16.18%	0	8 11.76%	1 1.47%	0	58	9
JANJGIR - CHAMPA	31	0.05	3.85	0.10	3.00	8 25.81%	5 16.13%	1 2.00%	10 32.26%	7 22.58%	0	13	17
JASHPUR	50	0.05	4.30	0.05	1.75	25 50.00%	0	0	21 42.00%	0	0	14	21
KANKER	14	0.11	2.83	-	-	11 78.57%	3 21.43%	3 25.00%	0	0	0	12	0
KAWARDHA	12	0.23	8.67	-	-	3 25.00%	6 50.00%	1 2.70%	0	0	0	18	0
KORBA	37	0.20	10.40	0.11	3.37	14 37.84%	3 8.11%	0	14 37.84%	4 10.81%	0	36	18
KORIYA	39	0.01	1.45	0.01	2.79	36 92.31%	0	0	1 2.56%	2 5.13%	0	16	3
MAHASAMUND	22	0.15	2.78	0.03	0.20	14 63.64%	2 9.09%	1 1.16%	5 22.73%	0	0	70	5
RAIGARH	86	0.05	7.20	0.05	1.15	64 74.42%	5 5.81%	0	15 17.44%	0	1 1.61%	40	15
RAIPUR	62	0.06	2.27	0.03	4.23	37 59.68%	3 4.84%	14 38.89%	20 32.26%	1 1.61%	0	34	22
RAJNANDGAON	36	0.07	8.37	0.08	0.25	9 25.00%	11 30.56%	0	2 5.56%	0	1 1.39%	53	2
SURGUJA	72	0.05	1.72	0.03	4.45	53 73.61%	0	0	15 20.83%	2 2.78%			18
Total	622	(0.23)	(0.99)	0.00	26.62	356	56	30	143	23	5	442	171

Table 7.7 District wise frequency for different fluctuation ranges between Nov 2017 Vs Nov 2018

District Name	No. of Wells	Range of Fluctuation (m)		From Year: 2017/Nov -		To Year: 2018/Nov		No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall		
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4				
BASTAR	12	0.25	0.45	0.05	3.70	2 16.67%	0	0	6 50.00%	4 33.33%	0	2	10		
BILASPUR	46	0.02	6.01	0.23	17.70	9 19.57%	2 4.35%	1 2.17%	20 43.48%	11 23.91%	3 6.52%	12	34		
DHAMTARI	26	0.03	4.21	0.07	4.24	6 23.08%	1 3.85%	1 3.85%	11 42.31%	6 23.08%	1 3.85%	8	18		
DURG	79	0.01	5.68	0.03	7.33	22 27.85%	5 6.33%	4 5.06%	41 51.90%	4 5.06%	3 3.80%	31	48		
JANJGIR - CHAMPA	25	0.01	3.56	0.07	6.74	7 28.00%	1 4.00%	0	9 36.00%	6 24.00%	2 8.00%	8	17		
JASHPUR	31	0.15	3.36	0.14	4.03	8 25.81%	1 3.23%	0	17 54.84%	4 12.90%	1 3.23%	9	22		
KANKER	7	0.40	0.40	0.48	1.50	1 14.29%	0	0	6 85.71%	0	0	1	6		
KAWARDHA	15	0.49	4.07	0.61	7.61	6 40.00%	2 13.33%	1 6.67%	3 20.00%	1 6.67%	2 13.33%	9	6		
KORBA	30	0.01	2.77	0.14	5.84	3 10.00%	3 10.00%	0	17 56.67%	4 13.33%	3 10.00%	6	24		
KORIYA	43	0.20	7.30	0.01	7.74	10 23.26%	0	2 4.65%	24 55.81%	4 9.30%	3 6.98%	12	31		
MAHASAMUND	22	0.04	11.64	0.07	3.38	10 45.45%	2 9.09%	3 13.64%	6 27.27%	1 4.55%	0	15	7		
RAIGARH	64	0.10	4.98	0.05	3.55	8 12.50%	2 3.13%	1 1.56%	41 64.06%	10 15.63%	0	11	51		
RAIPUR	62	0.13	2.27	0.26	4.70	22 35.48%	1 1.61%	0	29 46.77%	9 14.52%	1 1.61%	23	39		
RAJNANDGAON	43	0.16	4.34	0.07	1.90	20 46.51%	4 9.30%	4 9.30%	15 34.88%	0	0	28	15		
SURGUJA	68	0.04	1.94	0.08	5.02	17 25.00%	0	0	42 61.76%	6 8.82%	2 2.94%	17	50		
Total	573	(0.49)	(0.40)	0.01	17.70	151	24	17	287	70	21	192	378		

Table 7.8 District wise frequency for different fluctuation ranges between Jan 2018 Vs Jan 2019

District Name	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	15	0.09	4.92	0.14	0.89	8 53.33%	0	1 6.67%	6 40.00%	0	0	9	6
BILASPUR	65	0.10	7.33	0.10	10.83	18 27.69%	5 7.69%	6 9.23%	22 33.85%	7 10.77%	7 10.77%	29	36
DHANTARI	25	0.02	2.44	0.04	4.16	7 28.00%	1 4.00%	0	12 48.00%	4 16.00%	1 4.00%	8	17
DURG	73	0.02	8.50	0.15	6.14	22 30.14%	11 15.07%	8 10.96%	22 30.14%	9 12.33%	1 1.37%	41	32
JANJGIR - CHAMPA	32	0.10	2.80	0.10	4.10	15 46.88%	3 9.38%	0	9 28.13%	3 9.38%	1 3.13%	18	13
JASHPUR	40	0.26	8.09	0.03	2.43	14 35.00%	5 12.50%	4 10.00%	15 37.50%	2 5.00%	0	23	17
KANKER	23	0.01	6.06	0.05	1.24	11 47.83%	1 4.35%	1 4.35%	10 43.48%	0	0	13	10
KAWARDHA	15	0.40	8.46	0.40	7.17	5 33.33%	2 13.33%	2 13.33%	4 26.67%	0	2 13.33%	9	6
KORBA	44	0.01	4.30	0.05	3.80	18 40.91%	2 4.55%	1 2.27%	20 45.45%	2 4.55%	0	21	22
KORIYA	38	0.28	3.68	0.01	5.93	16 42.11%	3 7.89%	0	14 36.84%	4 10.53%	1 2.63%	19	19
MAHASAMUND	15	0.02	5.70	0.28	3.98	6 40.00%	2 13.33%	2 13.33%	3 20.00%	2 13.33%	0	10	5
RAIGARH	64	0.07	5.73	0.01	6.20	26 40.63%	5 7.81%	1 1.56%	27 42.19%	4 6.25%	1 1.56%	32	32
RAIPUR	43	0.02	7.24	0.01	4.41	20 46.51%	5 11.63%	2 4.65%	10 23.26%	4 9.30%	1 2.33%	27	15
RAJNANDGAON	42	0.04	10.75	0.04	5.30	8 19.05%	7 16.67%	8 19.05%	11 26.19%	5 11.90%	2 4.76%	23	18
SURGUJA	63	0.09	5.63	0.03	5.16	32 50.79%	3 4.76%	1 1.59%	21 33.33%	4 6.35%	1 1.59%	36	26
Total	597	(0.40)	(2.44)	0.01	10.83	226	55	37	206	50	18	318	274

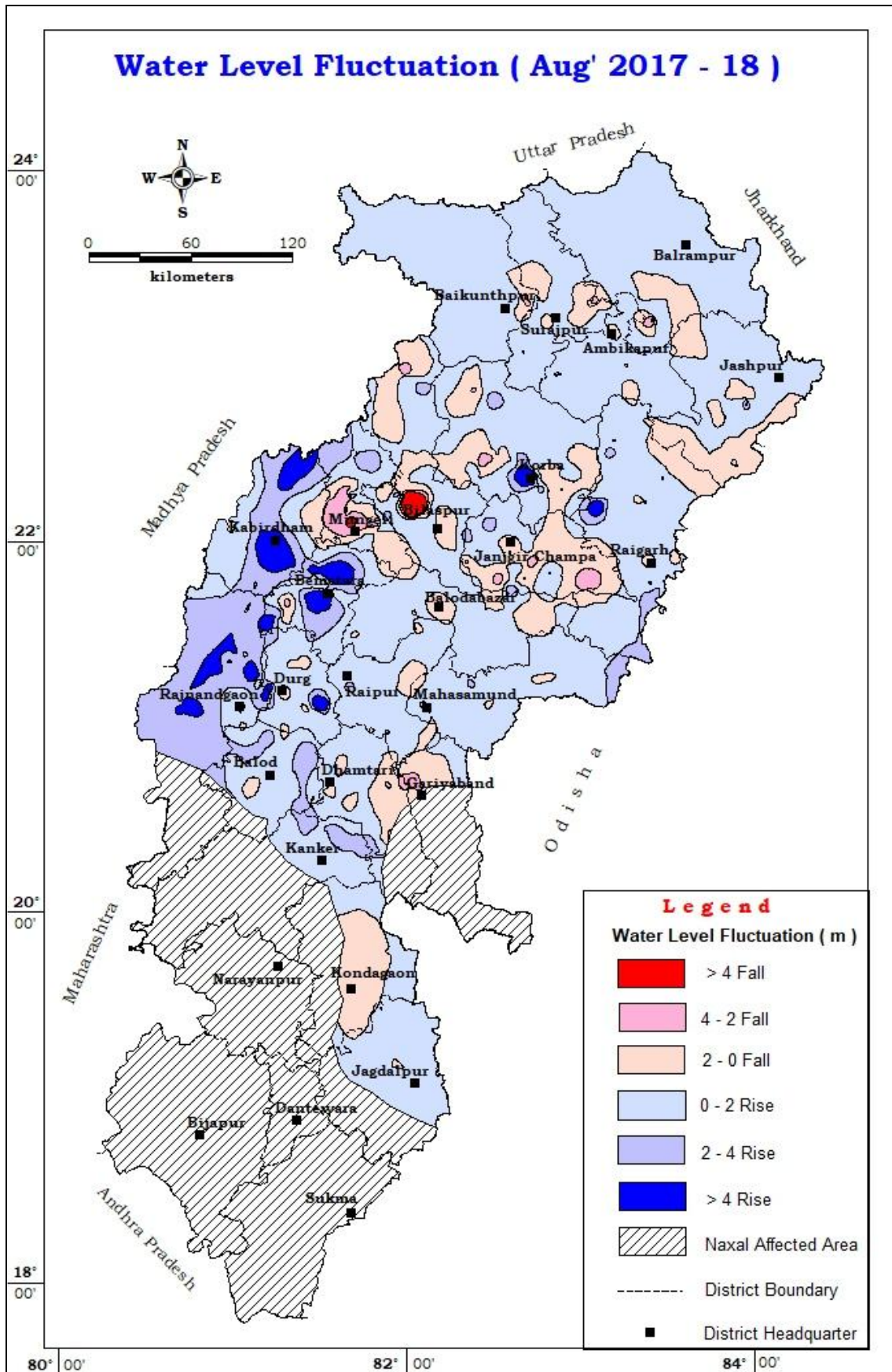


Fig.7.6 Water Level Fluctuation (August' 2017 Vs August'2018)

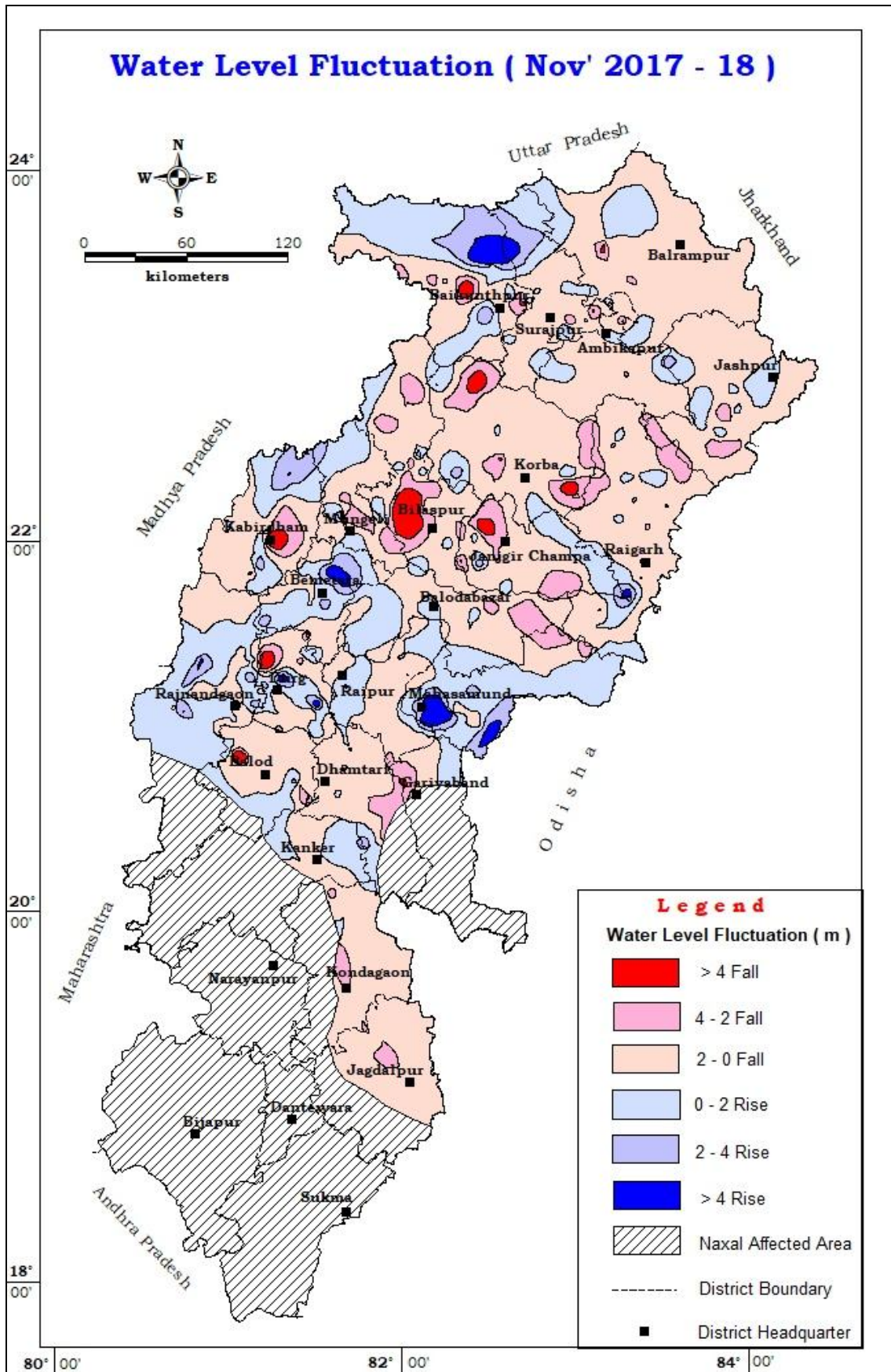


Fig. 7.7 Water Level Fluctuation (November'2017 Vs November' 2018)

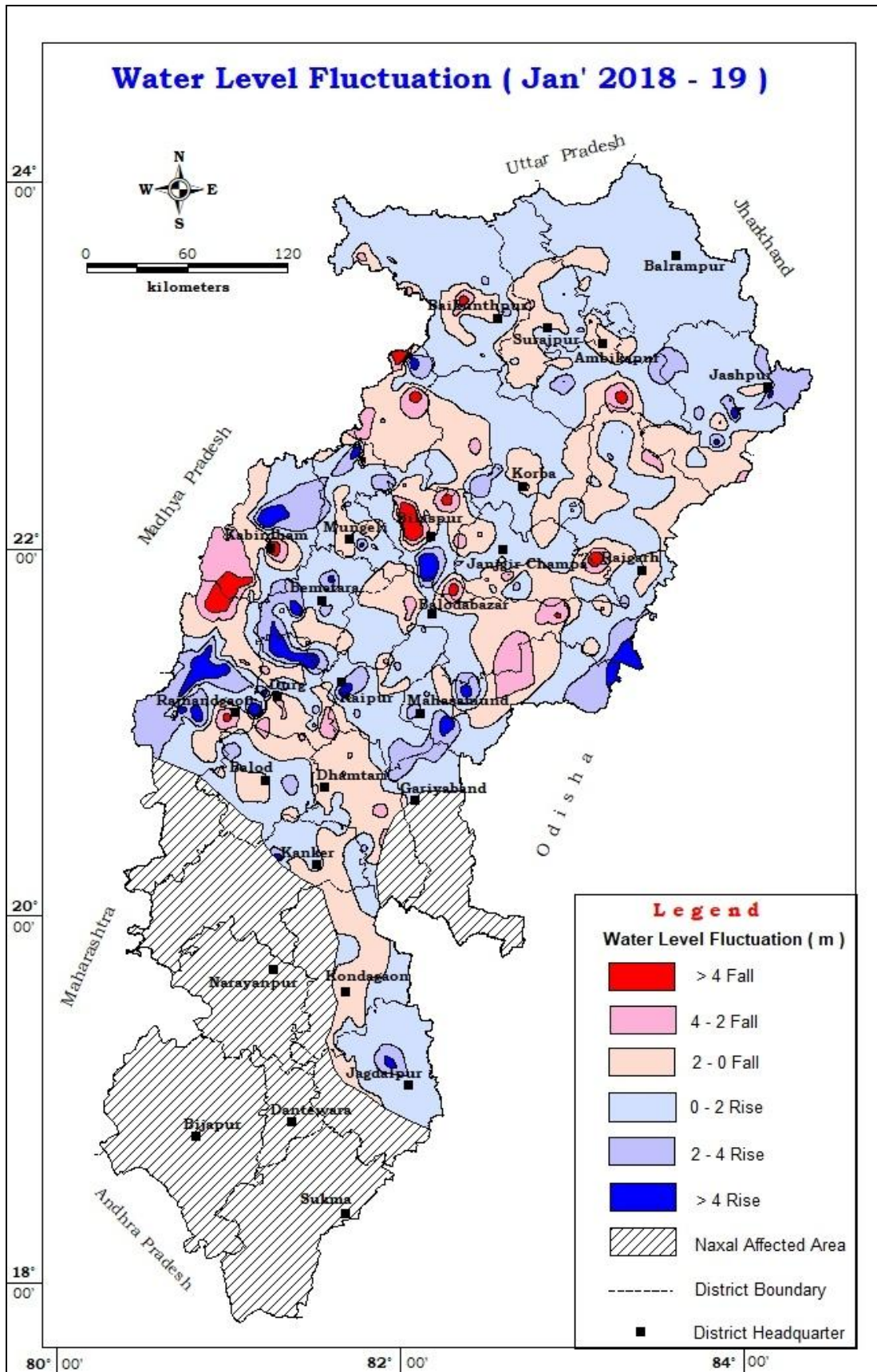


Fig. 7.8 Water Level Fluctuation (January'2018 Vs January' 2019)

7.3 Water Level Fluctuation with Reference to Premonsoon Water Level

7.3.1 May 2018 Vs August 2018

There is mostly a rise in water levels in August' 2018 when compared with the water levels of May 2018. About 98.5% of the monitored wells exhibits rise in the water level. Out of this, about 11.5 % of the monitored wells exhibits rise of water level in the range of 0-2 m covering parts of almost all the districts except Kanker, Kawardha and Dhamtari districts. In 29.28 % of the monitored wells, the water levels show rise in the range of 2-4 m covering parts of all the districts monitored while the remaining 57 % of the observation wells also show rise of more than 4 m covering parts of all the districts monitored. Fall of water level as compared to May'18 is observed in about 1.04 % of the observation wells monitored. Most of the wells exhibit falls in the range of 0-2m. The district wise frequency for different fluctuation ranges is presented in **Table 7.9**. Fluctuation of water level (May' 2018 Vs Aug' 2018) is represented on a map appended as **fig 7.9**.

7.3.2 May 2018 Vs November 2018

There is mostly a rise in water level in November 2018 when compared to water level in May 2018. About 87.9 % of the monitored wells exhibit rise in the water level. Out of this, about 35.7% of the monitored wells exhibit rise in the water level in the range of 0-2 m in parts of all the districts except Kanker district. In 31.3 % of the monitored wells the water levels show rise in the range of 2-4 m in most of the districts while the remaining 20.8% of the observation wells show rise of more than 4 m mostly in Bilaspur, Durg, Bastar, Raipur, Rajnandgaon and Sarguja Districts etc. Fall of water level as compared to May'18 is observed in about 2.61 % of the observation wells monitored. Most of the wells exhibit falls in the range of 0-2m.

The district wise distribution of different fluctuation ranges is presented in Table 7.10 and is also shown in Fig. 7.10.

7.3.3 May 2018 Vs January 2019

The water levels in nearly 82.07% of the observation wells were showing a rise for the month of January 2019 in comparison to that of the water levels measured during the month of May 2018. The rise in water levels in the range of 0 to 2 m was observed in nearly 38.7 % of the observation wells and in 25.30% of the observation wells it was in the range of 2 to 4 m. The rise of more than 4 m was recorded in 18.05% of wells. The fall in water levels was recorded in 17.37 % of the observation wells in Dhamtari, Janjgir Champa, Koriya and Bilaspur, districts.

The district wise distribution of different fluctuation ranges is presented in **Table 7.11** and is also shown in **Fig. 7.11**.

Table 7.9 District Wise - Fluctuation and Frequency Distribution from Different Ranges from One Period to Other May 2018 Vs Aug 2019

District Name	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	15	1.03	7.29	-	-	3	3	9	0	0	0	15	0
						20.00%	20.00%	60.00%					
BILASPUR	66	0.08	15.30	-	-	13	12	40	0	0	0	65	0
						19.70%	18.18%	60.61%					
DHANTARI	42	0.79	9.94	-	-	1	18	23	0	0	0	42	0
						2.38%	42.86%	54.76%					
DURG	90	0.18	15.53	-	-	14	22	54	0	0	0	90	0
						15.56%	24.44%	60.00%					
JANJGIR - CHAMPA	39	0.49	13.30	0.50	0.50	7	6	25	1	0	0	38	1
						17.95%	15.38%	64.10%	2.56%				
JASHPUR	58	1.20	16.67	0.50	0.50	3	21	32	1	0	0	56	1
						5.17%	36.21%	55.17%	1.72%				
KANKER	5	0.27	5.56	-	-	1	1	3	0	0	0	5	0
						20.00%	20.00%	60.00%					
KAWARDHA	16	1.28	9.22	-	-	1	1	14	0	0	0	16	0
						6.25%	6.25%	87.50%					
KORBA	50	0.33	10.66	0.09	0.09	3	7	39	1	0	0	49	1
						6.00%	14.00%	78.00%	2.00%				
KORIYA	42	0.34	6.95	-	-	6	20	16	0	0	0	42	0
						14.29%	47.62%	38.10%					
MAHASAMUND	30	1.35	13.07	-	-	4	9	16	0	0	0	29	0
						13.33%	30.00%	53.33%					
RAIGARH	93	0.20	8.55	0.10	4.48	12	35	43	2	0	1	90	3
						12.90%	37.63%	46.24%	2.15%				
RAIPUR	89	0.32	18.72	1.55	1.55	7	30	51	1	0	0	88	1
						7.87%	33.71%	57.30%	1.12%				
RAJNANDGAON	43	0.11	13.93	0.16	0.16	3	9	30	1	0	0	42	1
						6.98%	20.93%	69.77%	2.33%				
SURGUJA	87	0.11	13.68	-	-	10	30	47	0	0	0	87	0
						11.49%	34.48%	54.02%					
Total	765	(1.35)	(5.56)			88	224	442	7	0	1	754	8

**Table 7.10 District Wise - Fluctuation and Frequency Distribution from Different Ranges from One Period to Other
May 2018 Vs Nov 2018**

District	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	13	0.45	8.95	0.06	0.82	3 23.08%	4 30.77%	1 7.69%	5 38.46%	0	0	8	5
BILASPUR	52	0.22	12.03	0.40	2.50	19 36.54%	14 26.92%	14 26.92%	2 3.85%	1 1.92%	0	47	3
DHAMTARI	43	0.20	8.78	0.49	3.14	15 34.88%	19 44.19%	5 11.63%	2 4.65%	2 4.65%	0	39	4
DURG	86	0.06	12.33	0.07	3.27	27 31.40%	13 15.12%	30 34.88%	15 17.44%	1 1.16%	0	70	16
JANJGIR - CHAMPA	33	0.45	8.03	0.35	0.35	8 24.24%	13 39.39%	11 33.33%	1 3.03%	0	0	32	1
JASHPUR	40	0.70	6.16	0.20	0.75	18 45.00%	14 35.00%	4 10.00%	4 10.00%	0	0	36	4
KANKER	3	2.23	2.77	2.69	2.69	0	2 66.67%	0 %	0	1 33.33%	0	2	1
KAWARDHA	15	1.22	6.82	1.94	3.96	2 13.33%	6 40.00%	5 33.33%	1 6.67%	1 6.67%	0	13	2
KORBA	37	0.20	14.95	0.52	1.42	5 13.51%	20 54.05%	9 24.32%	3 8.11%	0	0	34	3
KORIYA	41	0.09	7.95	0.15	3.39	25 60.98%	11 26.83%	2 4.88%	2 4.88%	1 2.44%	0	38	3
MAHASAMUND	30	0.13	11.64	0.06	2.40	12 40.00%	8 26.67%	7 23.33%	2 6.67%	1 3.33%	0	27	3
RAIGARH	71	0.05	6.10	0.20	0.90	37 52.11%	22 30.99%	6 8.45%	6 8.45%	0	0	65	6
RAIPUR	91	0.06	16.95	0.29	1.75	32 35.16%	30 32.97%	17 18.68%	12 13.19%	0	0	79	12
RAJNANDGAON	46	0.26	12.23	0.08	4.19	9 19.57%	8 17.39%	21 45.65%	6 13.04%	1 2.17%	1	38	8
SURGUJA	88	0.05	9.69	0.06	2.60	34 38.64%	32 36.36%	12 13.64%	7 7.95%	2 2.27%	0	78	9
Total	689	(2.23)	(2.77)	0.06	4.19	246	216	144	68	11	1	606	80

**Table 7.11 District Wise - Fluctuation and Frequency Distribution from Different Ranges from One Period to Other
May 2018 Vs Jan 2019**

District Name	No. of Wells	Range of Fluctuation (m)				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise		Fall		Rise			Fall			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	16	0.05	6.88	1.20	2.19	7 43.75%	2 12.50%	3 18.75%	2 12.50%	2 12.50%	0	12	4
BILASPUR	80	0.01	36.54	0.10	3.70	21 26.25%	22 27.50%	29 36.25%	5 6.25%	2 2.50%	0	72	7
DHANTARI	42	0.01	7.57	0.13	4.11	24 57.14%	5 11.90%	3 7.14%	7 16.67%	2 4.76%	1 2.38%	32	10
DURG	84	0.05	11.35	0.03	3.60	23 27.38%	12 14.29%	24 28.57%	18 21.43%	6 7.14%	0	59	24
JANJGIR - CHAMPA	41	0.57	6.95	0.55	3.70	17 41.46%	11 26.83%	10 24.39%	2 4.88%	1 2.44%	0	38	3
JASHPUR	51	0.16	9.36	0.24	3.35	18 35.29%	21 41.18%	9 17.65%	2 3.92%	1 1.96%	0	48	3
KANKER	6	0.38	4.72	2.89	2.89	3 50.00%	1 16.67%	1 16.67%	0	1 16.67%	0	5	1
KAWARDHA	16	0.17	4.77	0.15	4.82	8 50.00%	3 18.75%	1 6.25%	2 12.50%	1 6.25%	1 6.25%	12	4
KORBA	60	0.30	14.89	0.01	2.12	14 23.33%	27 45.00%	15 25.00%	3 5.00%	1 1.67%	0	56	4
KORIYA	41	0.02	3.94	0.01	3.33	22 53.66%	9 21.95%	0	9 21.95%	1 2.44%	0	31	10
MAHASAMUND	20	0.47	8.14	0.30	4.40	6 30.00%	5 25.00%	5 25.00%	1 5.00%	2 10.00%	1 5.00%	16	4
RAIGARH	76	0.04	7.53	0.06	3.09	33 43.42%	26 34.21%	7 9.21%	8 10.53%	2 2.63%	0	66	10
RAIPUR	64	0.07	16.78	0.03	4.05	30 46.88%	14 21.88%	9 14.06%	8 12.50%	2 3.13%	1 1.56%	53	11
RAJNANDGAON	46	0.17	10.75	0.12	6.15	9 19.57%	9 19.57%	11 23.91%	11 23.91%	4 8.70%	1 2.17%	29	16
SURGUJA	88	0.04	6.08	0.03	3.31	48 54.55%	18 20.45%	5 5.68%	12 13.64%	4 4.55%	0	71	16
Total	731	(0.57)	(3.94)	0.01	6.15	283	185	132	90	32	5	600	127

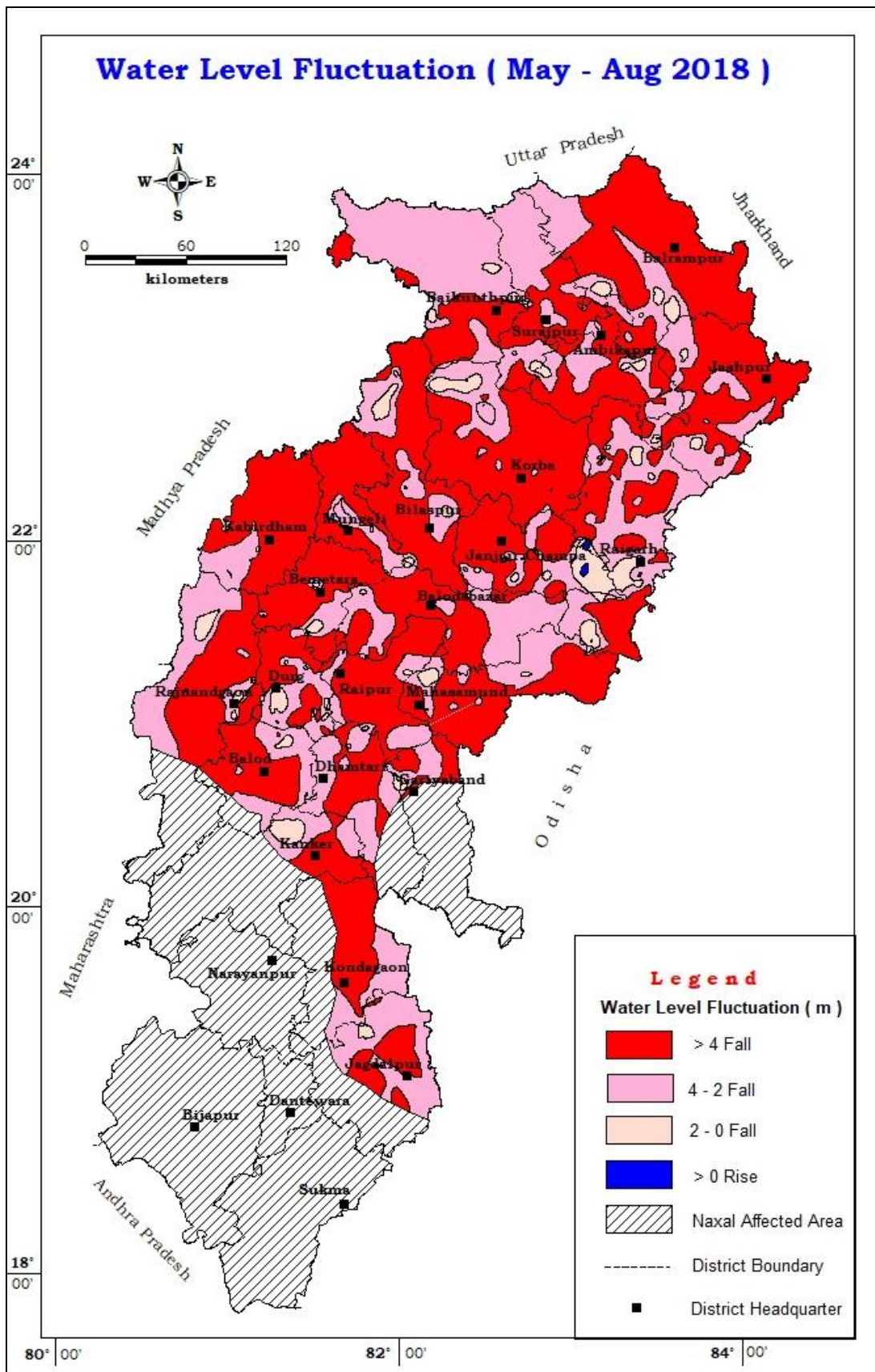


Fig.7.9 Water Level Fluctuation (May'2018 Vs August' 2018)

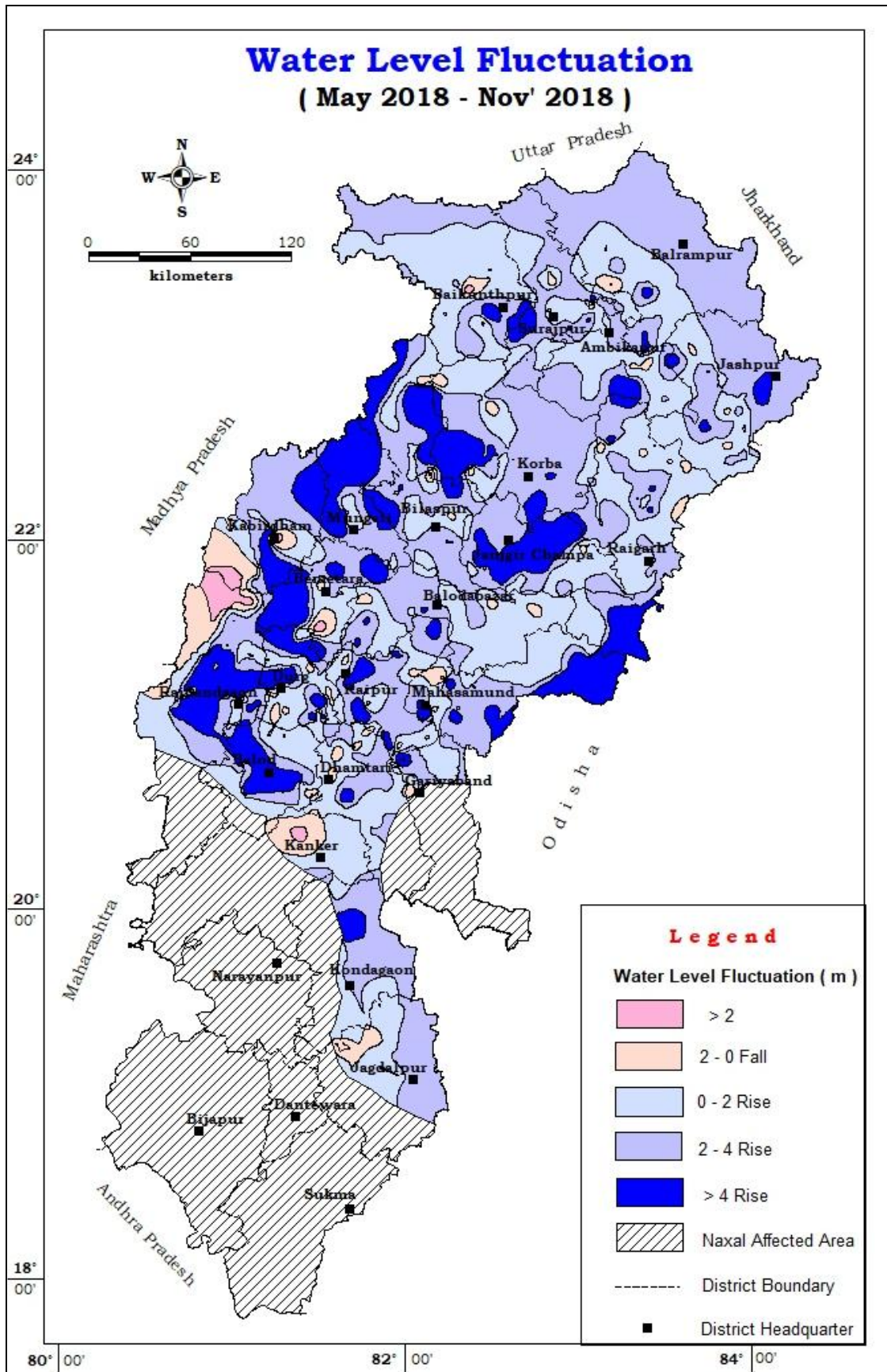


Fig. 7.10 Water Level Fluctuation (May'2018 Vs November' 2018)

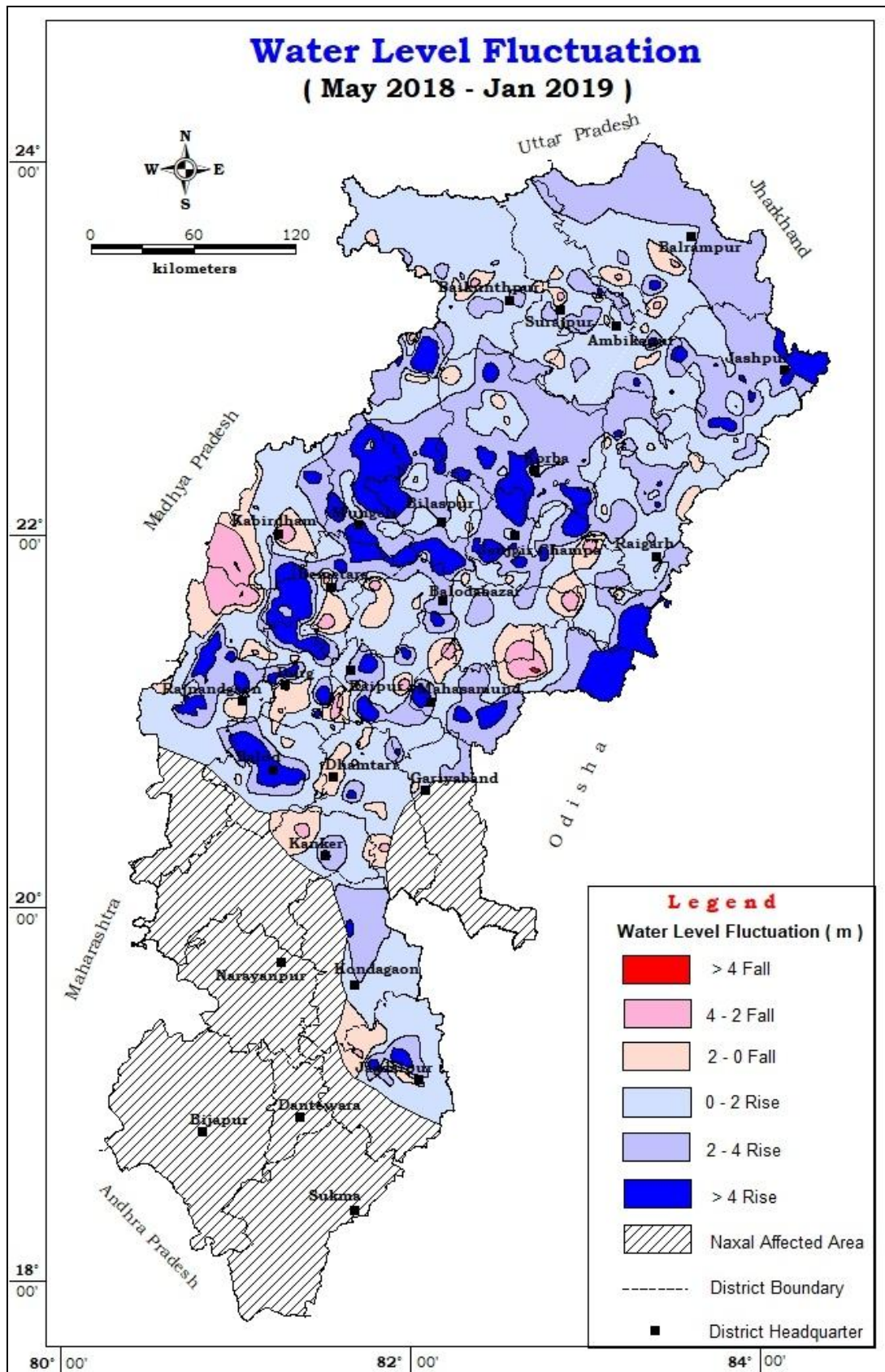


Fig. 7.11 Water Level Fluctuation (May'2018 Vs January' 2019)

7.4 Water Level Fluctuation with Reference to Decadal Mean

7.4.1 Mean of May (May 2008 to May 2017) Vs May 2018

When compared to the decadal mean water level (May' 2007 to May '2016) Vs May 18, 61.65% of observation wells are showing a fall in water level in May'2017. Out of the wells monitored, 45.40 % of the wells are showing a fall upto 2 m, 10.65 % between 2 to 4 meters and 5.59 % of the monitored wells show fall in water level of more than 4 m. The fall of water level as compared to the decadal mean by more than 4m is observed in Bilaspur, Durg, Janjgir Champa, Jaspur, Korba and Raipur districts. Nearly 36.48% of monitored wells are showing a rise in the water level, mostly in the range of 0-2 meter (24.76%). About 67.72% of the monitored wells are showing a rise in the range of 2-4 meter whereas 3.99% of the monitored wells are showing a rise of more than 4 m.

Water level fluctuations during May 2018 with respect to the decadal mean (May 2008 to May 2017) are shown in **Fig 7.12**.

7.4.2 Mean of August (Aug 2008 to August 2017) Vs August 2018

When compared to the decadal mean water level (August 2008 to August 2017) Vs Aug 2018, 45.67% of observation wells are showing a fall in water level in August 2018. Out of the total wells monitored, 39.7 % of the wells are showing fall upto 2 m, 5.07 % between 2 to 4 meters and 0.89% of the monitored wells are showing a fall in water level of more than 4 m. Fall of water level as compared to the decadal mean by more than 4m is observed in Bilashpur, Janjgir Champa, Korba and Raigarh districts. Nearly 54.32 % of monitored wells are showing a rise in the water level, mostly in the range of 0-2 meter (43.13%). About 7.61 % of the monitored wells are showing a rise in the range of 2-4 meter whereas 3.58 % of the monitored wells are showing a rise of more than 4 m.

The district wise categorization of decadal change in water level is presented in **Table 7.13**. The decadal range of fluctuation has been shown in the **Fig 7.13**

7.4.3 Mean of November (Nov 2008 to November 2017) Vs November 2018

When compared to the decadal mean water level (November'2008 to November'2017), 75.12 % of observation wells are showing a fall in water level in November'2018. Out of the wells monitored, 55.68% of the wells are showing a fall upto 2 m, 17.29% between 2 to 4 meters and 2.14% of the monitored wells are showing a fall in water level of more than 4 m. Fall of water level as compared to the decadal mean by more than 4m is observed in Bilashpur, Durg, Korba, Kawardha and Surguja districts. Nearly 24.54 % of monitored wells are showing

a rise in the water level, mostly in the range of 0-2 meter (19.27%). About 3.78 % of the monitored wells are showing a rise in the range of 2-4 meter whereas 1.48% of the monitored wells are showing a rise of more than 4 m. The district wise categorization of decadal change in water level is presented in **Table 7.14**. The decadal range of fluctuation has been shown in the **Fig 7.14**.

7.4.4 Mean of January (January 2009 to January 2018) Vs January 2019

When compared to the decadal mean water level (January' 2009 to January'2018), 54.68% of observation wells are showing a fall in water level in January'2019. Out of the wells monitored, 43.05% of the wells are showing a fall upto 2 m, 9.66% between 2 to 4 meters and 1.9% of the monitored wells are showing a fall in water level of more than 4 m. Fall of water level as compared to the decadal mean by more than 4m is observed in Bilaspur, Dhamtari, Durg, , Kawardha, Koriya and Rajnandgaon districts. Nearly 44.8% of monitored wells are showing a rise in the water level, mostly in the range of 0-2 meter (33.38%). About 8.0% of the monitored wells are showing a rise in the range of 2-4 meter whereas 3.47% of the monitored wells are showing a rise of more than 4 m.

Water level fluctuation during January 2018 with respect to the decadal mean (January 2009 to January 2018) are shown in **Fig 7.15**.

Table 7.12 District wise categorization of decadal change in water level (May' 2008- 2017 Vs May' 2018)

District	No. of Wells	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	13	0.06	5.57	1.01	6.59	7 53.85%	1 7.69%	3 23.08%	1 7.69%	0	1 7.69%	11	2
BILASPUR	97	0.05	5.90	0.05	14.13	10 10.31%	3 3.09%	2 2.06%	36 37.11%	29 29.90%	12 12.37%	15	77
DHAMTARI	29	0.16	3.98	0.15	5.75	6 20.69%	6 20.69%	0	13 44.83%	1 3.45%	2 6.90%	12	16
DURG	89	0.02	7.06	0.05	12.10	32 35.96%	7 7.87%	2 2.25%	36 40.45%	5 5.62%	6 6.74%	41	47
JANJGIR - CHAMPA	39	0.21	1.88	0.02	7.93	10 25.64%	0	0	18 46.15%	6 12.82%	5 15.38%	10	29
JASHPUR	52	0.07	5.10	0.01	6.12	13 25.00%	1 1.92%	3 5.77%	31 59.62%	3 5.77%	1 1.92%	17	35
KANKER	4	2.21	4.79	0.74	5.78	0	1 25.00%	1 25.00%	1 25.00%	0	1 25.00%	2	2
KAWARDHA	19	0.09	7.97	0.13	2.40	5 26.32%	1 5.26%	3 15.79%	9 47.37%	1 5.26%	0	9	10
KORBA	57	0.05	2.85	0.04	8.40	5 8.77%	2 3.51%	0	37 64.91%	7 12.28%	5 8.77%	7	49
KORIYA	38	0.15	4.37	0.02	13.21	13 34.21%	3 7.89%	1 2.63%	17 44.74%	2 5.26%	1 2.63%	17	20
MAHASAMUND	26	0.03	6.60	0.33	4.80	8 30.77%	5 19.23%	1 3.85%	7 26.92%	3 11.54%	1 3.85%	14	11
RAIGARH	79	0.05	10.18	0.02	3.88	19 24.05%	9 11.39%	2 2.53%	43 54.43%	6 7.59%	0	30	49
RAIPUR	74	0.03	8.74	0.01	12.57	22 29.73%	7 9.46%	8 10.81%	30 40.54%	4 5.41%	3 4.05%	37	37
RAJNANDGAON	60	0.08	6.61	0.02	5.33	13 21.67%	3 5.00%	3 5.00%	29 48.33%	7 11.67%	2 3.33%	19	38
SURGUJA	75	.00	5.38	0.05	5.66	23 30.67%	9 12.00%	1 1.33%	33 44.00%	6 8.00%	2 2.67%	33	41
Total	751	1.88	2.21	0.01	14.13	186	58	30	341	80	42	274	463

Table 7.13 District wise categorization of decadal change in water level (Aug' 2008- 2017 Vs Aug' 2018)

District Name	No. of Wells	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	15	0.04	0.76	0.09	1.38	10 66.67%	0	0	5 33.33%	0	0	10	5
BILASPUR	60	0.04	4.90	0.14	12.25	16 26.67%	5 8.33%	2 3.33%	25 41.67%	9 15.00%	3 5.00%	23	37
DHAMTARI	29	0.03	1.48	0.10	2.31	18 62.07%	0	0	10 34.48%	1 3.45%	0	18	11
DURG	79	0.06	13.11	0.19	1.99	41 51.90%	11 13.92%	12 15.19%	15 18.99%	0	0	64	15
JANJGIR - CHAMPA	32	0.10	3.13	0.03	3.54	8 25.00%	1 3.13%	0	15 46.88%	8 25.00%	0	9	23
JASHPUR	50	0.05	8.59	0.01	2.96	16 32.00%	0	1 64.00%	32 2.00%	1 2.00%	0	17	33
KANKER	14	0.28	3.33	0.08	2.00	6 42.86%	4 28.57%	0	3 21.43%	1 7.14%	0	10	4
KAWARDHA	15	0.19	4.11	-	-	5 33.33%	8 53.33%	2 13.33%	0	0	0	15	0
KORBA	40	0.02	8.27	0.08	4.76	14 35.00%	2 5.00%	1 2.50%	18 45.00%	4 10.00%	1 2.50%	17	23
KORIYA	39	0.01	0.98	0.01	3.82	22 56.41%	0	0	15 38.46%	2 5.13	0	22	17
MAHASAMUND	25	0.05	3.43	0.14	0.76	10 40.00%	6 24.00%	0	9 36.00%	0	0	16	9
RAIGARH	90	0.01	4.75	0.01	5.27	35 38.89%	2 2.22%	1 1.11%	47 52.22%	4 4.44%	1 1.11%	38	52
RAIPUR	69	0.06	1.64	0.05	2.04	30 43.48%	0	0	38 55.07%	1 1.45%	0	30	39
RAJNANDGAON	40	0.15	6.45	0.04	0.66	18 45.00%	11 27.50%	5 12.50%	6 15.00%	0	0	34	6
SURGUJA	73	0.01	2.06	0.01	4.16	40 54.79%	1 1.37%	0	28 1.37%	3 38.36%	1 4.11%	41	32
Total	670	0.76	0.28	0.00	12.25	289	51	24	266	34	6	364	306

Table 7.14 District wise categorization of decadal change in water level (Nov' 2007- 2017 Vs Nov' 2018)

District Name	No. of Wells	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	13	0.02	2.07	0.11	4.19	2	1	0	5	4	1	3	10
						15.38	7.69%		38.46%	30.77%	7.69%		
BILASPUR	47	0.11	3.35	0.05	17.70	6	4	0	21	14	2	10	37
						12.77	8.51%		44.68%	29.79%	4.26%		
DHAMTARI	31	.00	2.03	0.10	3.94	6	1	0	17	7	0	7	24
						19.35%	3.23%		54.84%	22.58%			
DURG	82	0.07	4.47	0.12	6.06	22	6	3	45	4	2	31	51
						7.32	26.83%	7.31%	54.88%	4.88%	2.44%		
JANJGIR - CHAMPA	27	0.12	0.12	0.08	5.65	1	0	0	23	2	1	1	26
						7.41			85.19%	3.70%	3.70%		
JASHPUR	31	0.20	2.13	0.14	3.68	6	1	0	13	11	0	7	24
						19.35%	3.23%		41.94%	35.48%			
KANKER	7	0.40	1.54	0.29	2.05	2	0	0	4	1	0	2	5
						28.8			57.14%	14.29%			
KAWARDHA	16	0.03	2.57	0.14	6.42	5	3	0	6	0	2	8	8
						12.50	31.25%		37.50%		18.75%		
KORBA	31	0.05	4.70	0.19	4.92	2	0	1	17	10	1	3	28
						6.45%		3.23%	54.84%	32.26%	3.23		
KORIYA	44	0.02	7.30	0.13	7.59	6	1	2	25	9	1	9	35
						13.64%	2.27%	4.55%	56.82%	20.45%	2.27		
MAHASAMUND	25	0.19	5.36	0.02	2.75	9	3	1	11	1	0	13	12
						36.00%	12.00%	4.00%	44.00%	4.00%			
RAIGARH	67	0.03	3.27	0.02	4.28	8	1	0	41	15	1	9	57
						11.94%	1.49%		61.19%	22.39%	1.49		
RAIPUR	68	0.11	1.95	0.03	3.96	14	0	0	40	13	0	14	53
						20.59%			58.82%	19.12%			
RAJNANDGAON	43	0.02	4.34	0.13	3.20	16	2	2	18	5	0	20	23
						37.21%	4.65%	4.65%	41.86%	11.63%			
SURGUJA	75	0.05	1.43	0.05	4.37	12	0	0	52	9	2	12	63
						16%			69%	12%			
Total	607	0.12	0.40	0.02	17.70	117	23	9	338	105	13	149	456

Table 7.15 District wise categorization of decadal change in water level (Jan' 2009- 2018 Vs Jan' 2019)

District	No. of Wells	Range of Fluctuation				No. of Wells/Percentage Showing Fluctuation						Total No. of Wells	
		Rise (m)		Fall (m)		Rise (m)			Fall (m)			Rise	Fall
		Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
BASTAR	16	0.29	4.95	0.21	1.45	5 31.25%	0	1 6.25%	10 6.25%	0	0	6	10
BILASPUR	72	0.05	6.82	0.13	10.68	19 26.39%	7 9.72%	2 2.78%	30 41.67%	8 11.11%	6 8.33%	28	44
DANTEWADA	1	-	-	0.35	0.35	0	0	0	1 100.00%	0 %	0	0	1
DHAMTARI	29	0.11	2.24	0.06	5.01	8 27.59%	1 3.45%	0	14 3.45%	5 48.28%	1 17.24%	9	20
DURG	80	0.02	7.67	0.07	5.14	26 32.50%	10 12.50%	8 10.00%	29 36.25%	6 7.50%	1 1.25%	44	36
JANJGIR - CHAMPA	35	0.05	2.84	0.03	5.18	13 37.14%	2 5.71%	0	16 2.86%	3 45.71%	1 8.57%	15	20
JASHPUR	43	0.08	6.83	0.02	2.58	21 48.84%	4 9.30%	2 4.65%	12 27.91%	4 9.30%	0	27	16
KANKER	24	0.03	2.84	0.03	2.42	10 41.67%	2 8.33%	0	11 45.83%	1 4.17%	0	12	12
KAWARDHA	16	0.03	5.23	0.21	6.49	4 25.00%	0	1 50.00%	8 6.25%	1 6.25%	2 12.50%	5	11
KORBA	49	0.08	5.50	0.08	3.65	16 32.65%	3 6.12%	1 2.04%	24 48.98%	5 10.20%	0	20	29
KORIYA	41	0.18	3.00	0.07	5.21	17 41.46%	5 12.20%	0	14 2.44%	4 34.15%	1 9.76	22	19
MAHASAMUND	15	0.11	5.70	0.10	2.79	5 33.33%	3 20.00%	2 13.33%	3 20.00%	2 13.33%	0	10	5
RAIGARH	73	0.02	5.84	0.02	3.82	20 27.40%	4 5.48%	1 1.37%	39 53.42%	7 9.59%	0	25	46
RAIPUR	49	0.02	4.44	0.01	4.00	18 36.73%	4 8.16%	1 2.04%	20 40.82%	6 12.24%	0	23	26
RAJNANDGAON	43	0.12	10.75	0.04	4.86	7 16.28%	6 13.95%	4 9.30%	17 39.53%	7 16.28%	1 2.33%	17	25
SURGUJA	76	0.05	2.29	0.04	3.35	32 42.11%	2 2.63%	0	37 48.68%	5 6.58%	0	34	42
Total	662	2.24	0.29	0.01	10.68	221	53	23	285	64	13	297	362

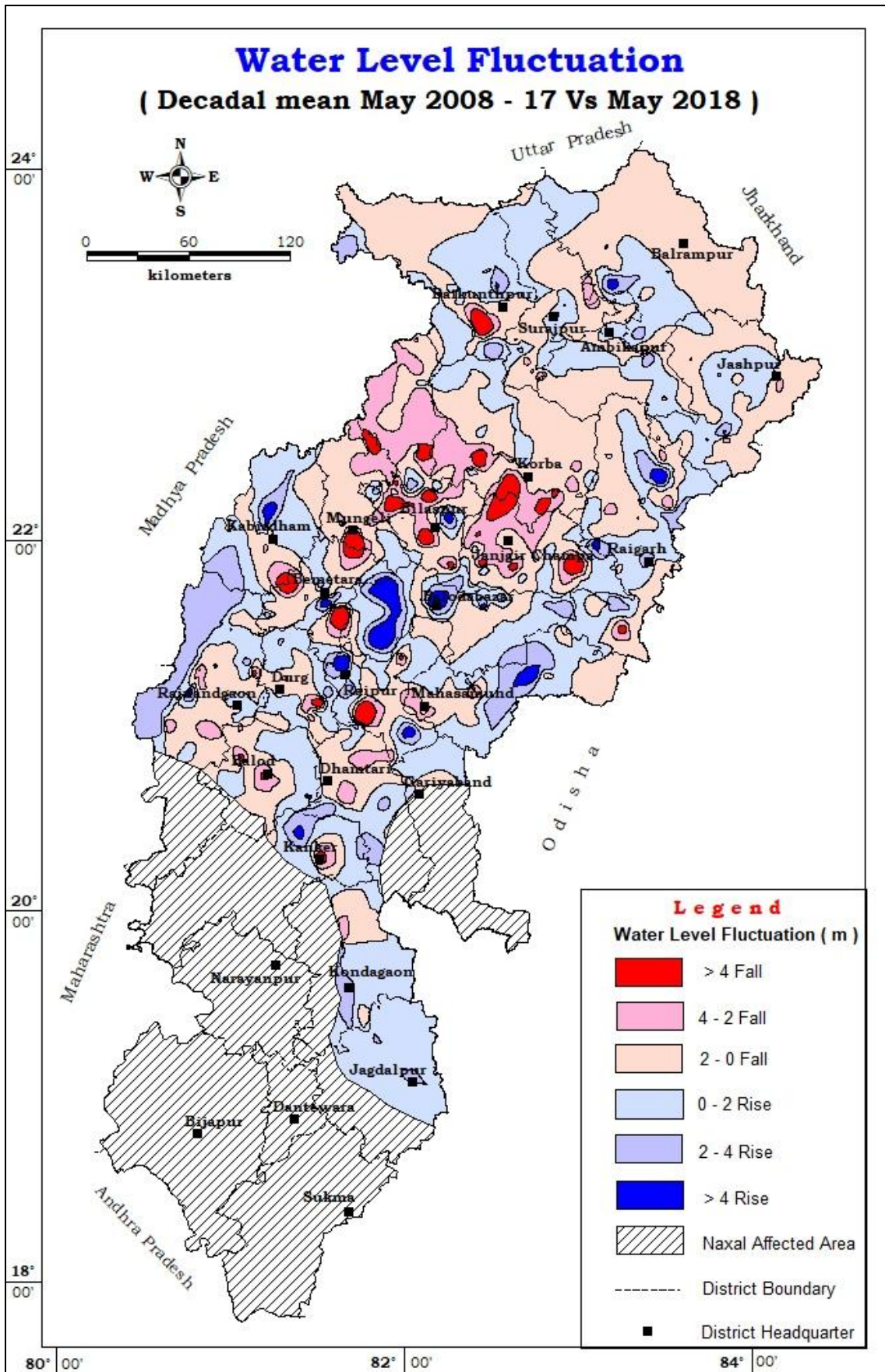


Fig. 7.12 Water Level Fluctuation, Decadal Mean (May'2008 - 2017) Vs May'2018

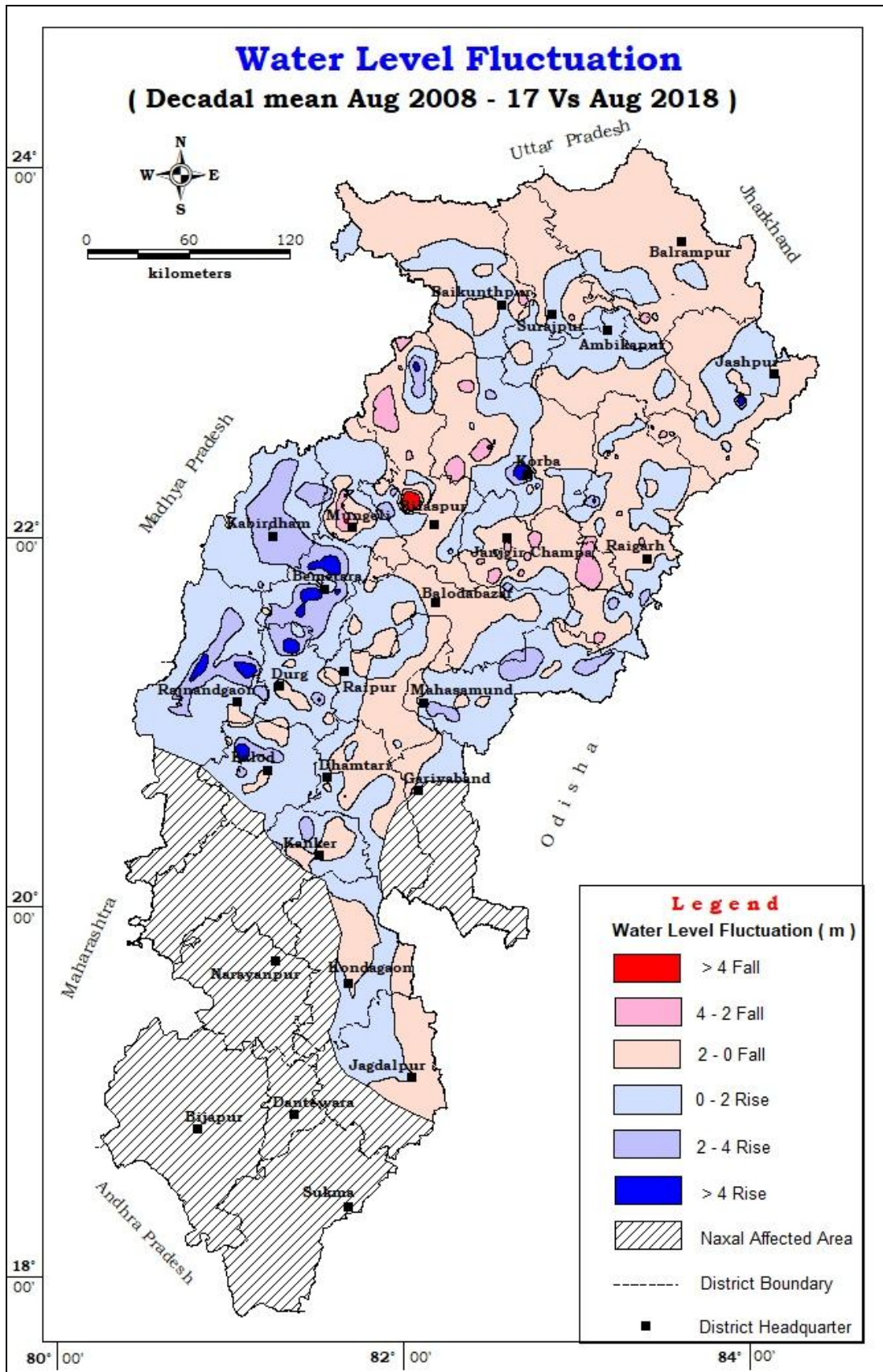


Fig.7.13 Water Level Fluctuation, Decadal mean (August'2007-2016) Vs Aug'2017

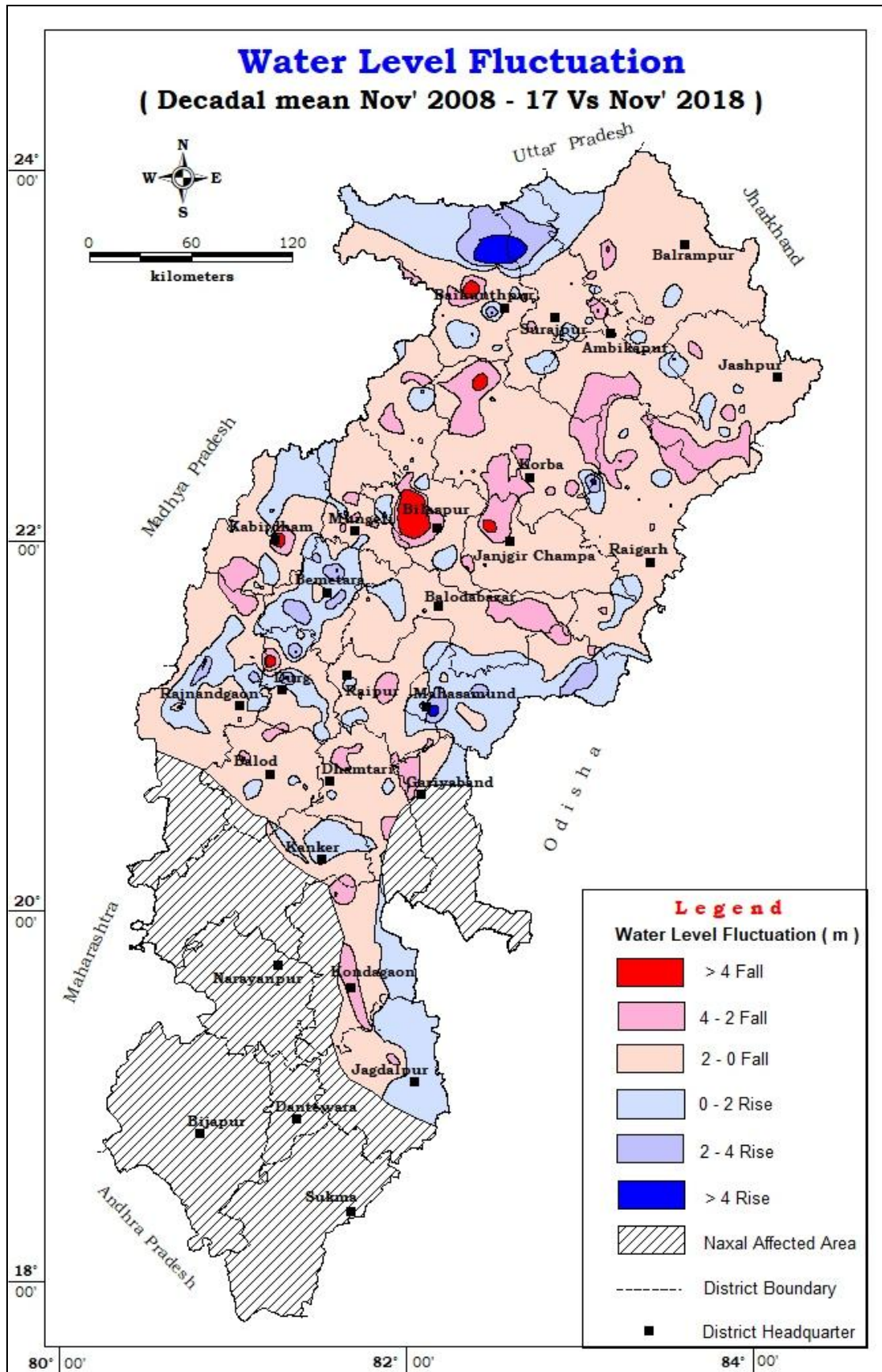


Fig 7.14 Depth to water level fluctuation (Decadal mean Nov 2007-2016 Vs Nov 2017)

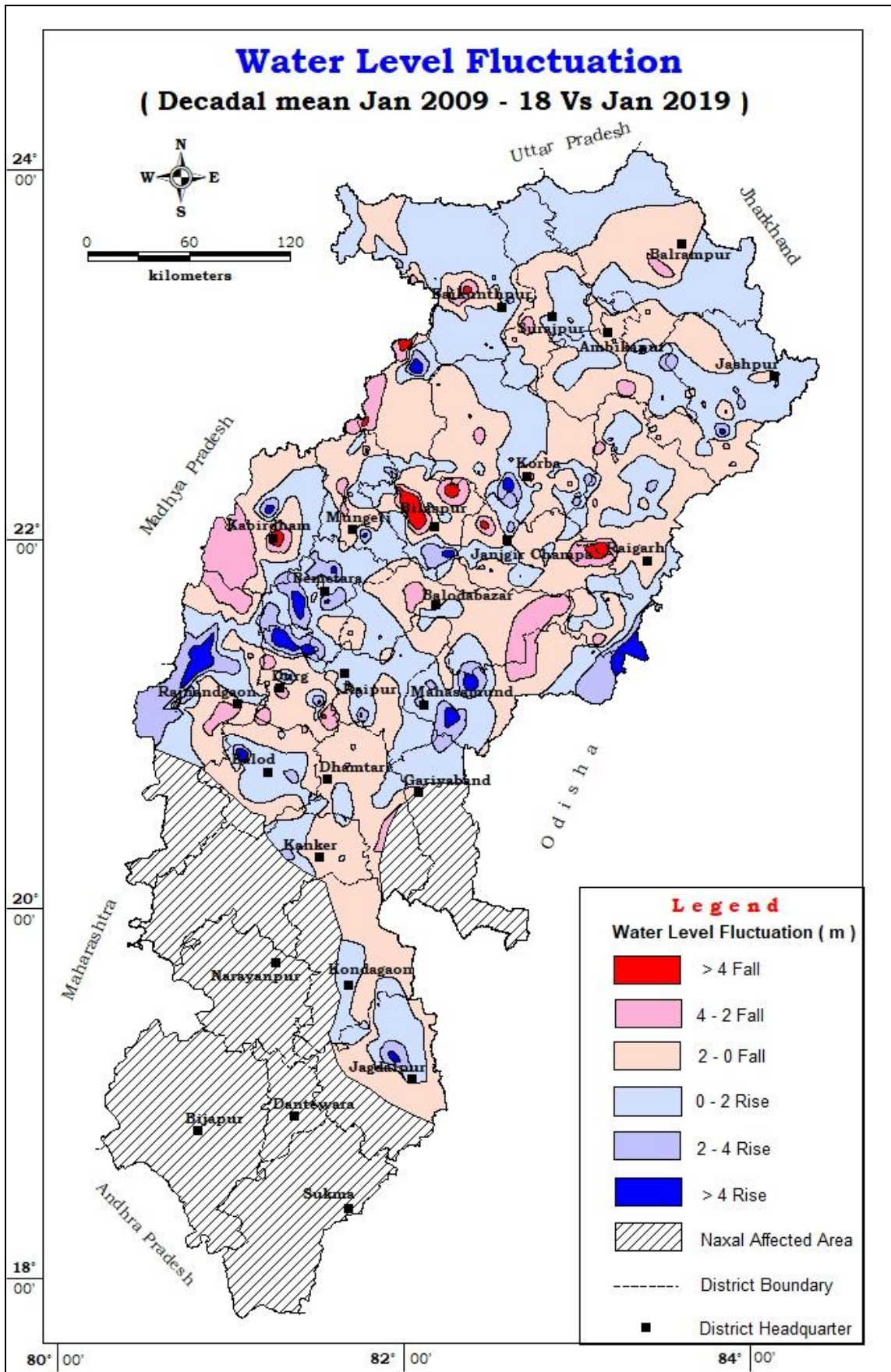


Fig 7.15 Depth to water level fluctuation (Decadal mean Jan 2008-2017 Vs Jan 2018)

7.5 Long Term Water Level Trend (2009-2018)

The long-term water level trend (2009-2018) of the phreatic aquifer was plotted for both the pre and post monsoon periods. For the premonsoon period, the major part of Chhattisgarh shows water level trend between -10 to +10 cm/yr which can be categorized as safe but many parts of Jashpur, Surguja, Korba, Janjgir- Champa, Kawardha, Rajnandgaon show significant falling trend of more than 20 cm/yr which is a cause of concern.

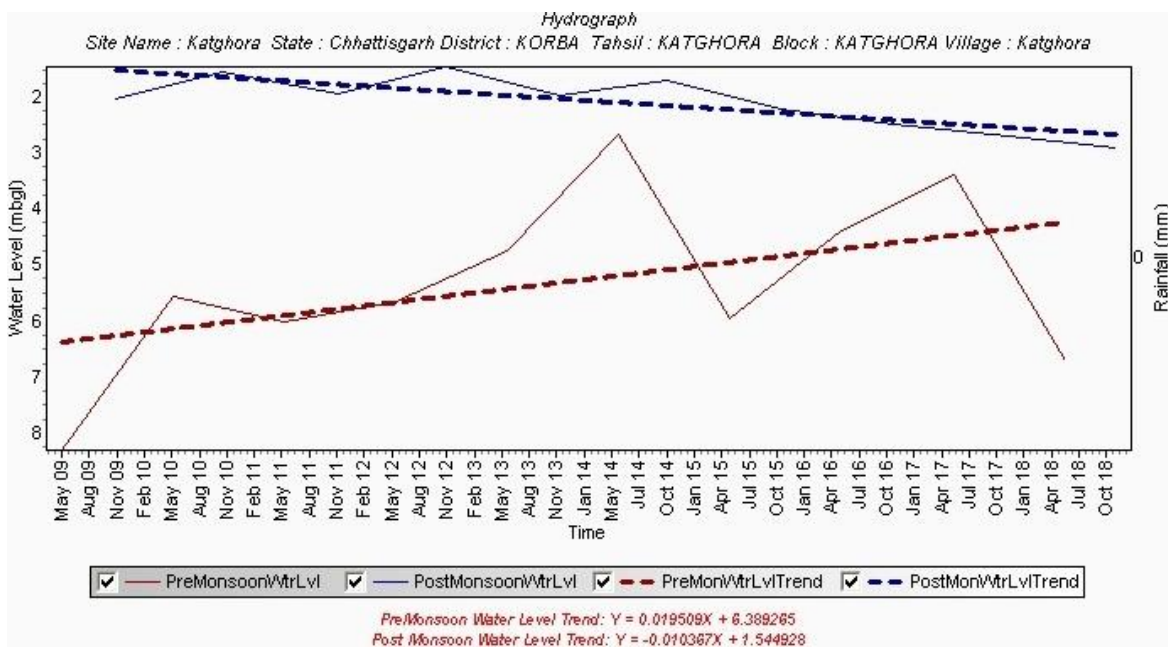
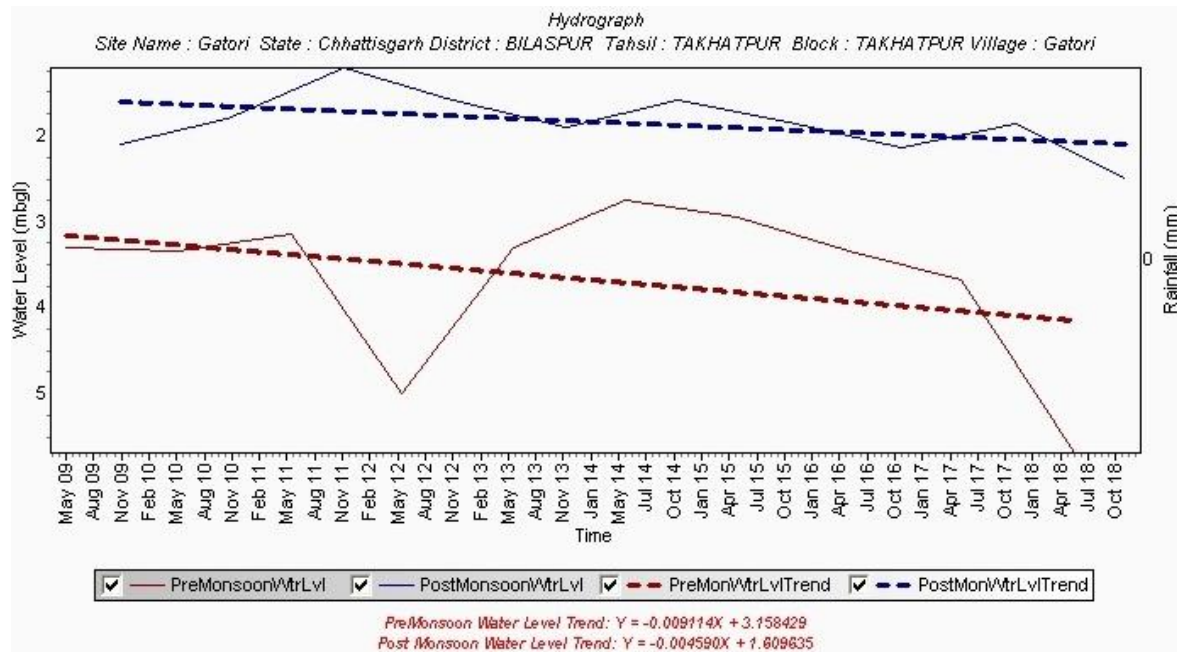


Fig 7.16 & 7.17 National Hydrograph station of Gatori village, Bilashpur district and Katghora village of Korba District of Chhattisgarh state respectively

The post monsoon decadal water level trend map of the phreatic aquifer presents a more alarming picture. (Fig 7.16 & 7.17) It shows large tracts of Surguja, Koriya, Jashpur, Kawardha, Rajnandgaon etc with significant decline in water level of more than 20 cm/yr. during the last 10 years. This long-term trend is also depicted from the individual hydrographs of network stations. Some representative hydrographs are given above.

8. GROUNDWATER QUALITY MONITORING

8.1 Factors controlling ground water quality

The factors contributing to the ground water quality are the chemical composition of the rainwater, the soil types and the mineralogy of the rock formations. The geochemical processes in the soil zone and in the underlying unsaturated and saturated zones, temperature, pressure, duration of contact of the percolating water and the surrounding media, and other associated factors determine the chemical composition of the ground water. Pollution from near surface sources arising out of the human activities like industrial wastes disposal, use of fertilizers, pesticides also influence the ground water quality.

Climate and precipitation: The temperature and precipitation influence weathering, climate, vegetation, soil types and the composition of the water draining the area. The rainwater containing SiO_2 , CO_2 , O_2 picks up organic acids after reaching the earth's surface and reacts with the minerals, which get dissolved. In humid temperate climate the bicarbonates are predominant and are rather high in arid climate. The wet and dry climate promotes release of considerable soluble inorganic matter through weathering. Very cold climate inhibits weathering and restrict solute concentration in water.

Soil forming process: The geochemical reactions involved in the soil forming processes also dictate the chemical composition of the ground water. In soils dissolution of CO_2 and the H^+ , HCO_3^- CO_3^{2-} ions in percolation water control pH of water and thereby increasing its capacity to react with rocks and minerals.

Geological factors: The mineral constituents in rock influence the geochemical evolution of water passing through the rock. The mineralogical sources of major ions are listed in **Table 8.1**.

Table 8.1: Mineralogical Sources of Major Chemical Constituents

Chemical constituents	Source Minerals
Silica	Feldspars, Feldspathoids, Amphiboles, Pyroxenes, Mica.
Iron	Pyroxenes, Amphiboles, Mica, Pyrites, Chalcopyrite, Magnetite and Haematite.
Mn	Common Mn. bearing minerals in metamorphic & sedimentary rocks as oxides, hydroxides, carbonates, silicates.
Ca	Plagioclase, Pyroxene, Amphibole, among igneous and metamorphic rocks. Limestone, dolomite, gypsum among sedimentary rocks.
Mg	Dunites, Pyroxenites, Amphibolites, Basalt, Talc, Tremolite Schists, Dolomite.
Na	Sodium salts in soils, sea water ingress, ground water, also due to base exchange reactions with clays.
K	Orthoclase, Microcline, Nepheline, Lucite, Biotite in igneous and metamorphic rocks, Evaporites in sedimentary rocks.
HCO ₃ & CO ₃	Dissolved CO ₂ in rains, water charged with CO ₂ dissolves carbonate minerals, in solid rocks to give bicarbonate.
SO ₄	Sulphides of heavy metals igneous and metamorphic rocks. Gypsum and hydrite in sedimentary rocks.
Cl	Atmospheric sources and sea water contamination.

Human activities: The untreated industrial effluents discharged through nearby streams and unlined drains may percolate underground and reaches the aquifers on the downstream side thereby affecting the quality of ground water. The migration of the pollutant to the saturated zone is considerable in sandy strata. The urban areas in India also generate substantial quantity of wastewater and find its way into the natural water courses causing contamination of surface and ground water. The solid waste dumped in low-lying areas becomes a potential source of ground water pollution.

Organic and inorganic fertilizers, pesticides, insecticides and other chemicals used in the agricultural fields are often leached to the ground water. Nitrate, potassium and phosphate are the common fertilizer used in agriculture land and are the potential pollutants in the ground water. The major contaminants associated with the waste disposal practices are summarized in **Table 8.2.**

Table 8.2: Contaminants Associated with the Waste Disposal Practices

<u>Source</u>	<u>Possible contaminants</u>
<u>Landfills:</u>	
Municipal	Heavy metals, chlorides, sodium, calcium
Industrial	Wide variety of inorganic and organic constituents.
Hazardous waste disposal sites	Wide variety of inorganic (particularly heavy metals) and organic compounds (pesticides, priority pollutants, etc).
Liquid waste storage ponds (Lagoons, leaching ponds, compounds reaching basins)	Heavy metals, Solvents, inorganic, Compounds
Subsurface sewage disposal systems	Organic compounds (degreasers, solvents), nitrogen compounds, sulphates, sodium, microbiological contaminants.
Deep-well waste injection.	Variety of inorganic and/or organic compounds.
Agricultural activities.	Fertilizers, herbicides, pesticides.
Land application (sludge, wastewater)	Heavy metals, inorganic compounds, organic compounds.
Urban runoff infiltration.	Inorganic compounds, heavy metals, petroleum products.
Decaying activities.	Chlorides, sodium, calcium radioactivity.
Radioactive wastes.	Radioactive wastes and radionuclides.

8.2 Hydrochemical quality evolution

As ground water moves along the flow paths in the saturated zone, it is enriched with total dissolved solids and with major ions. The shallow zone is characterized by active ground water flushing through relatively well-leached rocks has HCO_3^- as the dominant anion and is low in total dissolved solids. The intermediate zone has less active ground water circulation, and higher total dissolved solids while sulphate is normally the dominant anion in this zone. The lower zone with very little ground water flushing has high Cl^- concentration and high total dissolved solids. The HCO_3^- content in ground water is normally derived from soil zone CO_2 and from dissolution of calcite and dolomite. There are several soluble sedimentary minerals that release SO_4^- or Cl^- upon dissolution. The process of evolution from stage to stage is controlled by the availability of minerals along the ground water flow paths. In some ground water flow system, the water does not evolve past the HCO_3^- stage or past the SO_4^- .

The notable in this regard is the increase in HCO_3^- and decrease in SO_4^- that can occur as a result of biochemical SO_4^- reduction. Large variations in major cations occur in ground water flow systems because of cation exchange process.

8.3 Ground water quality sampling

The purpose of ground water quality sampling is varied viz. evaluation of regional water quality, detection and assessment of the extent of the contaminant release. In this context the important attributes are location and number of monitoring wells for ground water sampling. The information from the ground water sampling network is related to the number of stations to be sampled and the frequency of sampling. Due to slow rate of ground water movement, the ground water quality does not change rapidly. Similarly, in contrast to unconfined aquifers, the quality change in confined aquifer is rather slow.

Sample location: The factors that influence sampling location are site geology, hydrology, source characteristic, contaminant characteristic and size of the area under investigation. The degree and details of temporal and spatial variations, which also characterize sub-surface hydrogeochemical conditions, are also considered. The existing wells may be used to gather information on the regional ground water quality and ambient trends. Disused wells are not selected for water sampling. Hydrogeological information on ground water flow paths and gradients will initially guide the sampling network. The vertical control of sampling location is another important factor for sampling the ground water.

Sampling frequency: More the water quality varies, the more samples will be required to obtain reliable estimate of statistical parameters used to describe its behavior. Variance should determine sampling frequency. The commonly used statistical parameter for water quality variable in selecting sampling frequencies is the “mean”. The approach is to select a sampling frequency, which yields an estimate of the “mean” within a prescribed degree of accuracy (confidence limits). The “population mean” of random variable will lie within a certain interval (the confidence interval) around the “sample mean”. The confidence limit on the mean quantitatively relates sampling frequency to the variation in water quality.

The simplest case of sampling frequency design would be to select the sampling frequency, which results in the desired confidence intervals width about the annual mean for a specified water quality variable at a specified station.

In case of single station and multiple variable separate sampling frequencies for each water quality variable may be computed and then all such values averaged to decide the designed frequency.

In general, changes in the ground water quality take place much slower than the surface water quality. Experience shows that the changes in ground water quality usually can be described satisfactorily by seasonal or annual sampling schedules. Studies corroborate that the quality of the ground water outside the influence of the polluting sources, hardly shows any short-term changes. Hence, the current annual sampling schedule in the month of May serves the purpose of regional background monitoring and for study of long-term quality changes.

Results and Discussion

The chemical quality of ground water was determined from 917 water samples collected from the National Hydrograph Stations distributed throughout Chhattisgarh. The samples were collected in pure cleaned polythene containers after rinsing with the water samples and were stored in dark and cool place. These samples were collected during the month of May 2018 in the pre monsoon period, when the concentrations of ions were maximum. The water samples were analyzed for the major ions viz. pH, EC, CO₃, HCO₃, Cl, SO₄, F, TH, Ca, Mg, Na, K, PO₄ and Si. The TDS, Total alkalinity were calculated by the obtained conductivity value and carbonate, bi carbonate ion concentration respectively.

The chemical analysis shows that the ground water is neutral to low alkaline in nature. The pH value was determined with direct reading pH meter. The determination of pH is an important factor because the solubility of CO₂ and the concentration of the various carbonate species depend on the pH value. The pH value is in between 6.2 and 8.4. The lowest pH value 6.2 was recorded at Kachandure village, Durg block of Durg district and highest pH value 8.44 was recorded at Padumtara village, Rajnandgaon block of Rajnandgaon district. The electrical conductivity of water is also expressed as inverse of the electrical resistance across one cm cube of water. It is related to the TDS because it is a function of concentration of all ionic solutes. The EC is temperature dependent and all the readings are related to the equivalent reading at 25°C. The highest conductivity value 2730 µS/cm at 25°C was recorded at Barchavillage, Takhatpur block of Mungeli district and lowest conductivity 35 µS/cm at 25°C was recorded at Samarumi village of Gharghoda Block Raigarh district.

As per the BIS guidelines the acceptable and permissible limits for the hardness as CaCO₃ are 200 and 600 mg/l, respectively. The highest value of total hardness 1040 mg/l was observed at Chirhual village of Mungeli district. The lowest value was recorded at Hanumangarh village, Premnagar block of Surajpur district.

Calcium (Ca²⁺) was the predominant cation in the ground water of the state and in certain regions Magnesium (Mg²⁺) was recorded higher than other cations. As per the BIS guidelines the acceptable and permissible limits for Ca in drinking water are 75 mg/l and 200 mg/l, respectively. The minimum calcium concentration 02 mg/l was recorded at Samarumi village, Gharghoda block of Raigarh district and maximum calcium concentration 350 mg/l was observed at Jhalam village, Bemetra block of Bemetra district.

Similarly the acceptable limit for Mg in drinking water is 30 mg/l and maximum permissible limit is 100 mg/l. The undesirable affect outside the acceptable limit include encrustation in water supply structure and adverse effects on domestic use. The highest Mg concentration was observed at Chandargarhi village, Pathariya block of Mungeli District. The minimum sodium concentration 1.0 mg/l was recorded at Sontarai village, Sitapur block of Surguja district and maximum sodium concentration 210 mg/l was recorded at Barcha village, Pathariya block of Mungeli district. The highest potassium concentration 132 mg/l was recorded at Janjiri village, Durg block of Durg district and lowest potassium concentration was recorded at Litiya village, Dhamdha block of Durg district.

No carbonate alkalinity was observed in any location. The maximum bi-carbonate 769 mg/l was recorded at Khapri village, Thakhatpur block of Bilaspur district and minimum bi carbonate concentration was observed at Barpali and Samarumi village of Raigarh district. The chloride (Cl⁻) concentration in the ground water was within the BIS prescribed limits for drinking purposes. Acceptable and maximum permissible limit (IS 10500: 2012) in drinking water are 250 and 1000 mg/l respectively, The minimum chloride concentration 3.5 mg/l was recorded at some place at Durg, Raigarh and Surguja district. Highest chloride concentration 504 mg/l was recorded at Tarkori village, Dhamdha of Durg district. The acceptable and maximum permissible limit (IS 10500: 2012) in drinking water are 200 and 400 mg/l respectively. The high sulphate content was recorded in some locations of Bilaspur, Bemetra, Kawardha, Korba, Mungeli, Durg and Raigarh district. The highest concentration 879 mg/l was recorded at Sahaspur village, Bemetra block of Bemetara district. The phosphate and silica concentration was recorded low in most of the locations. However some of the locations it was recorded exceptionally high. The highest phosphate was recorded 21 at Baghima village Ambicapur block of Surguja district and highest silica was recorded Belkota village Batauli block of Surguja.

The high fluoride content (> 1.5 mg/l) was observed in isolated locations in state, mostly in Raigarh, Surgpur, Korba, Bilaspur, Durg, Mahasamund and Jashpur district. The highest

fluoride concentration 3.2 mg/l was recorded at Hanumangarh village, Premnagarblock ofSurgpur district. The distribution of fluoride is shown in Fig. 8.3.

Fig.8.1 EC Distribution map of Chhattisgarh state

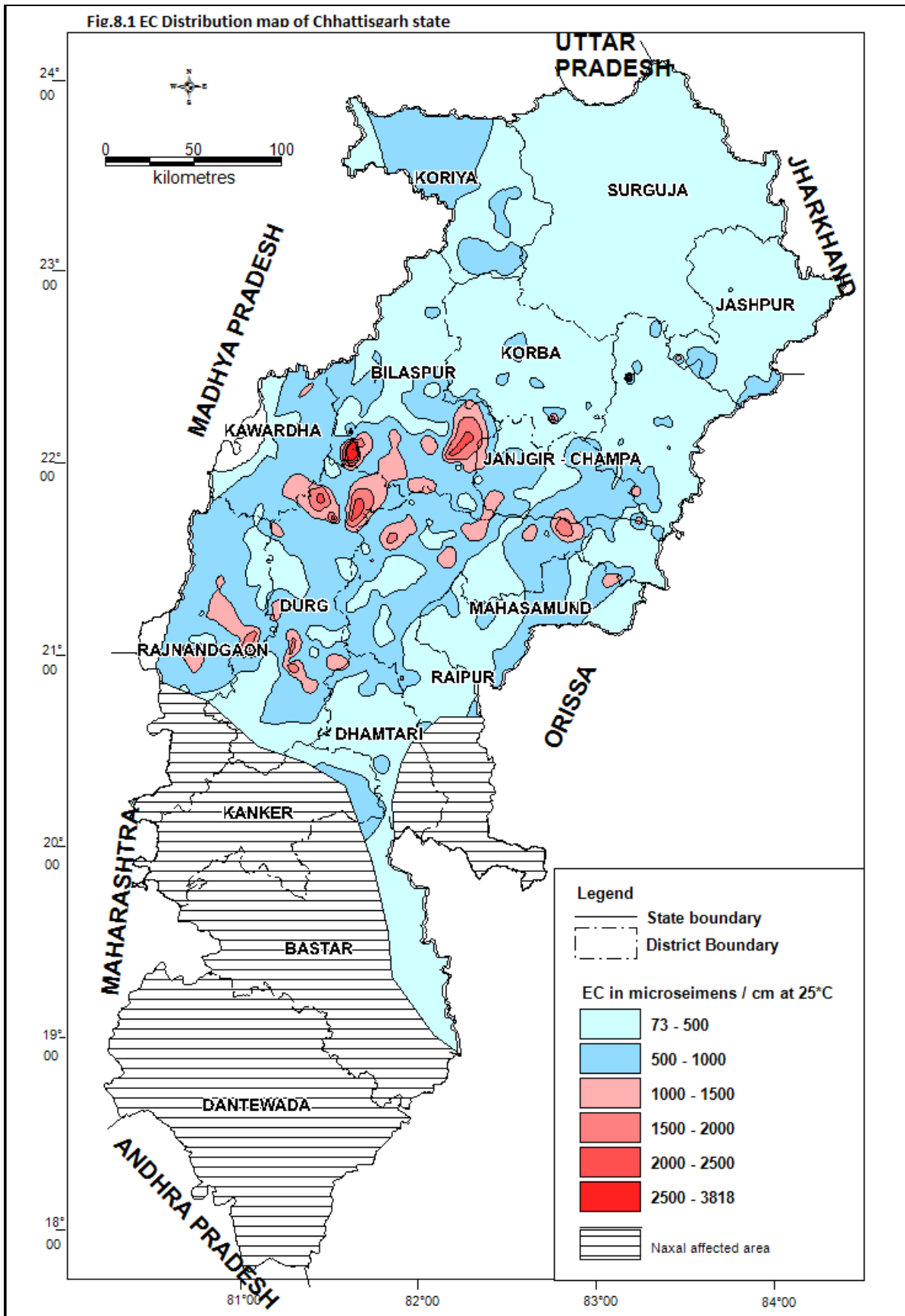


Fig-8.2 Chlorite distribution map of Chhattisgarh state

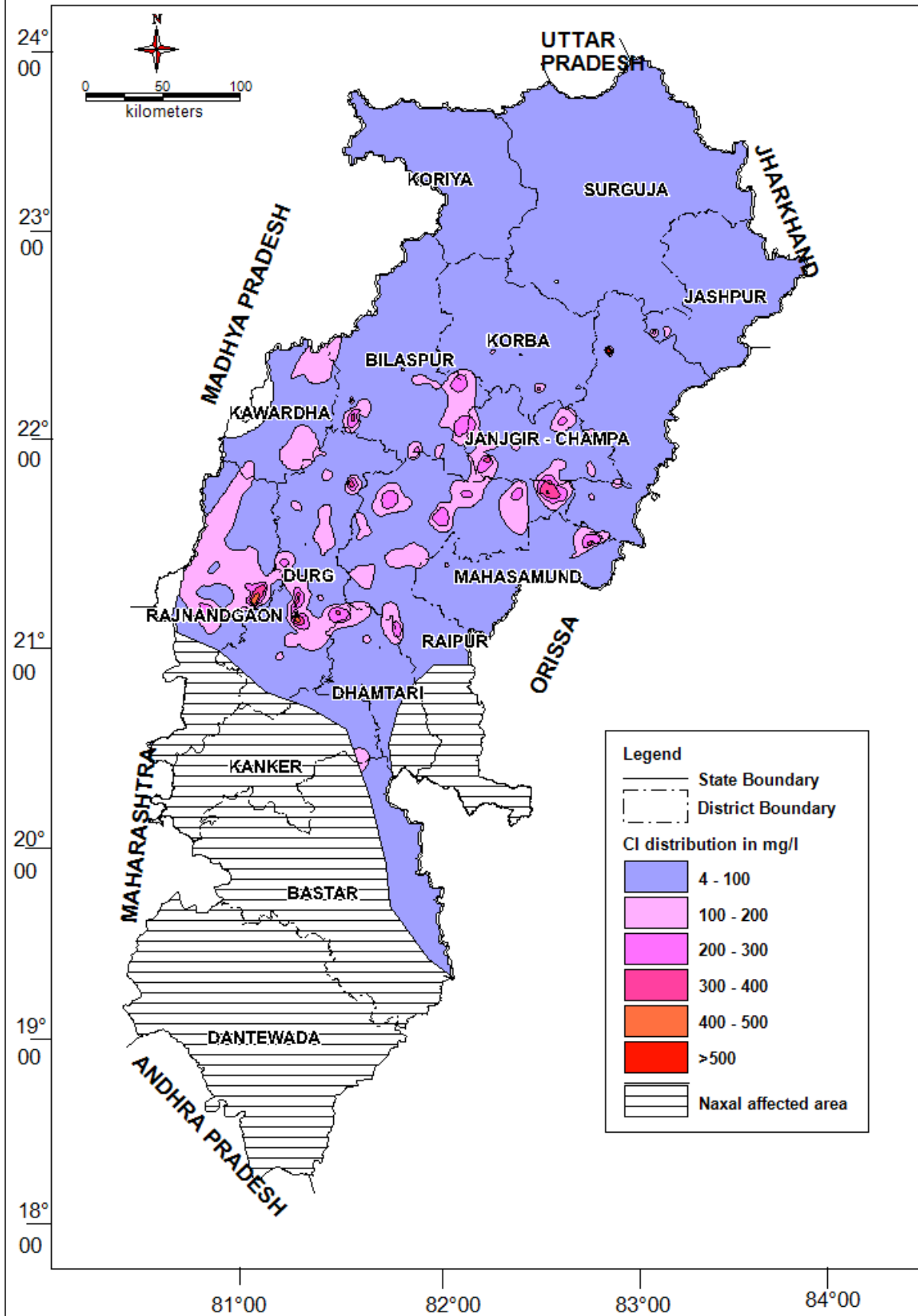
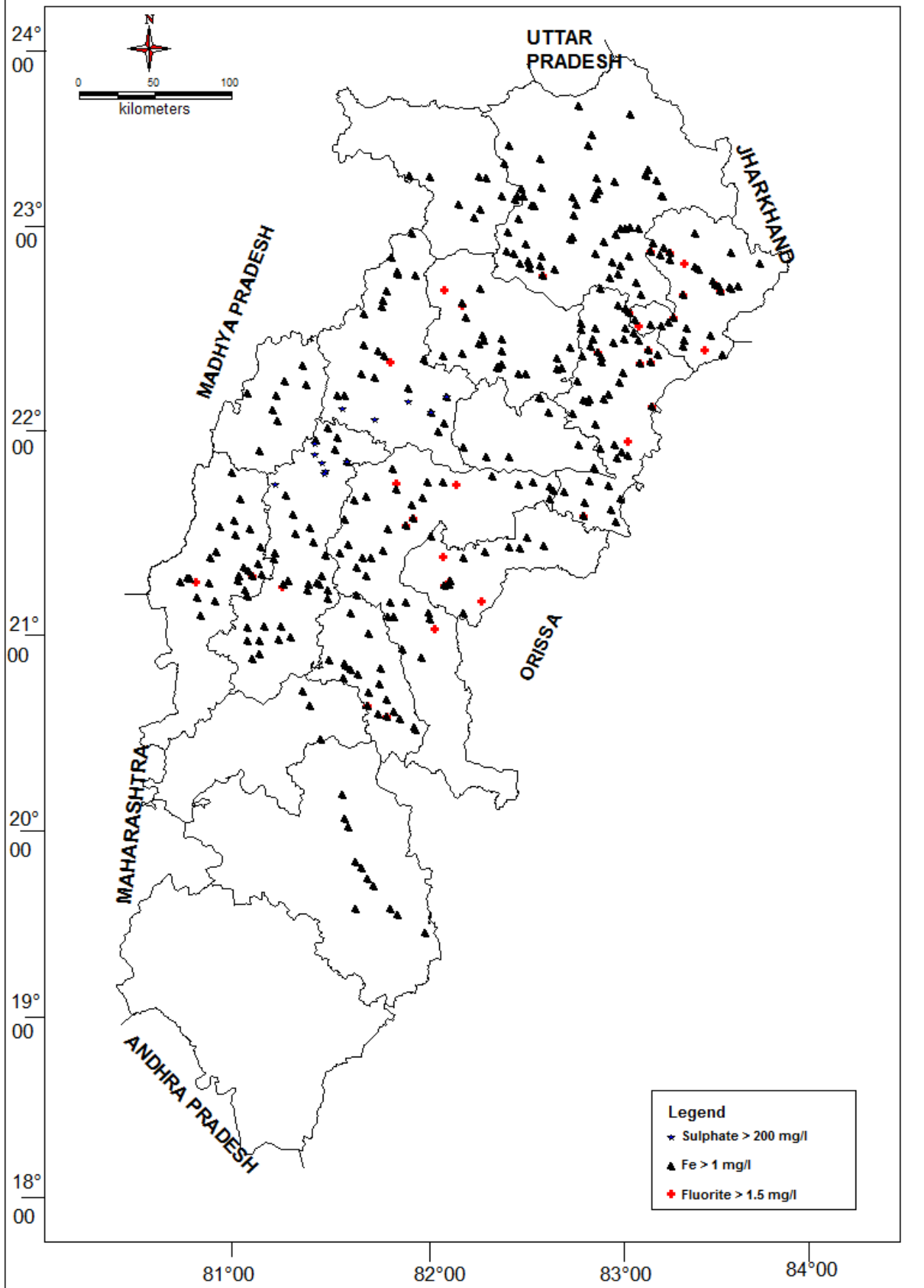


Fig-8.3 Fluorite,NO3 & SO4 distribution map of Chhattisgarh State



Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Arjunda	17.25	Mahanadi	Shale
Armarikalan	8.18	Mahanadi	Limestone/Dolomite
Baklitola	8	Mahanadi	Quartzite
Balod	11.65	Mahanadi	Compact Sandstone
Balod Gahan	7.1	Mahanadi	Compact Sandstone
Batera	5.43	Mahanadi	Compact Sandstone
Bharnabhat	15.22	Mahanadi	Limestone Cavernous
Danitola	7.8	Mahanadi	Quartzite
Delli Rajhara	3.55	Mahanadi	Conglomerate/Metasedimentary
Dondi	13.75	Mahanadi	Gneiss/Amphibolite/Granulite
Gunderdehi	10.3	Mahanadi	Shale
Gunderdehi 1	48.66	Mahanadi	Shale
Gurur	12.17	Mahanadi	Compact Sandstone
Gurur-s	24.28	Mahanadi	Compact Sandstone
Jagtara	12.45	Mahanadi	Compact Sandstone
Kodiya	13.3	Mahanadi	Limestone Cavernous
Kusumkasa	9.3	Mahanadi	Acidic Rocks
Lohara	7.5	Mahanadi	Granite Gneiss
Markatola	10.27	Mahanadi	Compact Sandstone
Nahalda	7.75	Mahanadi	Shale
Paplatola	8.7	Mahanadi	Quartzite
Sambalpur	25.5	Mahanadi	Not Available
Sambalpur Pz I	151.9	Mahanadi	Maniyari shale
Sambalpur Pz li	63	Mahanadi	Maniyari shale
Sambalpur2	42.49	Mahanadi	Not Available
Sikosa	6.14	Mahanadi	Limestone/Dolomite
Umradah	12.5	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Aouri	9.8	Mahanadi	Compact Sandstone
Arjuni	10.8	Mahanadi	Not Available
Arjuni S	50	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Baloda bazar	15.4	Mahanadi	Shale
Baloda bazar1	67.15	Mahanadi	Limestone Cavernous
Bhatgaon	9.05	Mahanadi	Not Available
Bhattapara-S	28	Mahanadi	Limestone/Dolomite
Biladi	18	Mahanadi	Limestone
Bilaigarh	5.35	Mahanadi	Limestone/Dolomite
Bilaigarh S	50	Mahanadi	Limestone/Dolomite
Chanderi	9.8	Mahanadi	Limestone Cavernous

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Chandi	7	Mahanadi	Not Available
Chicholi	15.5	Mahanadi	Limestone Cavernous
Darchura	10.7	Mahanadi	Shell Limestone/Limestone
Dhamarkhera	11.36	Mahanadi	Limestone/Dolomite
Haswa	14.83	Mahanadi	Limestone/Dolomite
Kasdol	9.27	Mahanadi	Limestone/Dolomite
Kasdol-d	75	Mahanadi	Limestone/Dolomite
Kasdol-s PZ	33.5	Mahanadi	Limestone/Dolomite
Khapri	13.5	Mahanadi	Not Available
Kharora	12.1	Mahanadi	Limestone/Dolomite
Lahaud	10.9	Mahanadi	Shale
Lahaud S	50	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Lawan	9.69	Mahanadi	Limestone/Dolomite
Mahasamund-s PZ	36.5	Mahanadi	Shale
Mudhipar	6.9	Mahanadi	Limestone Cavernous
Pandan Bhata	10.45	Mahanadi	Limestone
Panderbhata S	50	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Raita Satna Ni Para	10	Mahanadi	Limestone
Risda	12	Mahanadi	Limestone
Saragaon	7.2	Mahanadi	Limestone/Dolomite
Sarsiwa	10.14	Mahanadi	Granite/Granodiorite
Sel	9.3	Mahanadi	Limestone
Simga	10.43	Mahanadi	Shale
Simga-s	30.93	Mahanadi	Shale
Suhela	13.5	Mahanadi	Limestone Cavernous
Tarenga	17.11	Mahanadi	Shale
Tarpongi	8.25	Mahanadi	Limestone/Dolomite
Tatibandh MVM	13.1	Mahanadi	Limestone
Tilda	10.9	Mahanadi	Not Available
Tilda Purani Basti	15.53	Mahanadi	Limestone
Tilda S	50	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Tundei	10.45	Mahanadi	Limestone
Urela	11.6	Mahanadi	Conglomerate/Metasedimentary
Alkadih	3	Mahanadi	Granite Gneiss
Amdih	7.8	Mahanadi	Granite Gneiss
Aragahi	11.2	Lower Ganges	Granite/Granodiorite
Bachwar	8	Lower Ganges	Gneiss/Amphibolite/Granulite
Bagra	8.35	Mahanadi	Sandstone
Balrampur	18	Lower Ganges	Granite/Granodiorite
Balrampur D	50	Lower Ganges	Granite Gneiss

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Balrampur S	32.55	Lower Ganges	Granite Gneiss
Basin	7.5	Mahanadi	Granite Gneiss
Bhadori	6.75	Lower Ganges	Shale With Limestone/Sandstone Band/Lens
Bulga	11	Lower Ganges	Compact Sandstone
Chandora	7.01	Lower Ganges	Compact Sandstone
Dhamni	11.7	Lower Ganges	Gneiss/Amphibolite/Granulite
Dhaurpur	9	Lower Ganges	Gneiss/Amphibolite/Granulite
Dhaurpur S	50	Lower Ganges	Granite Gneiss
Gonda	16.47	Lower Ganges	Compact Sandstone
Jagannathpur	8.35	Lower Ganges	Sandstone
Karmdiha	10.17	Lower Ganges	Gneiss/Amphibolite/Granulite
Kurji	9.15	Mahanadi	Sandstone
Lamgaon	6.7	Lower Ganges	Shale With Limestone/Sandstone Band/Lens
Lundra	10	Lower Ganges	Gneiss/Amphibolite/Granulite
Lundra S	50	Lower Ganges	Granite Gneiss
Mahavirganj	8.6	Lower Ganges	Granite/Granodiorite
Mahewa	9.85	Lower Ganges	Compact Sandstone
Makanpur	12.2	Lower Ganges	Sandstone
Nawdih	10.5	Mahanadi	Limestone
Pasta	12	Lower Ganges	Granite/Granodiorite
Pasta S	50	Lower Ganges	Granite Gneiss
Pratappur	12	Lower Ganges	Granite/Granodiorite
Pratappur - 1	12	Lower Ganges	Granite/Granodiorite
Rajpur	14.56	Lower Ganges	Compact Sandstone
Rajpur1	30.9	Lower Ganges	Schist/Talc
Ramanujganj	12.8	Lower Ganges	Gneiss/Amphibolite/Granulite
Reonti	13.05	Lower Ganges	Sandstone
Sargaon	9.4	Mahanadi	Granite Gneiss
Shankargarh S	50	Lower Ganges	Granite Gneiss
Songara	15	Lower Ganges	Compact Sandstone
Songara1	31	Lower Ganges	Compact Sandstone
Tattapani	12.9	Lower Ganges	Compact Sandstone
Tattapani1	30.52	Lower Ganges	Granite Gneiss
Veria	11	Mahanadi	Sandstone With Shale/Coal Partings
Wadrafnagar	14	Lower Ganges	Compact Sandstone
Bare arapur	20	Godavari	Gneiss/Amphibolite/Granulite
Bastar	14	Godavari	Limestone/Dolomite
Bhanpuri	6.55	Godavari	Limestone/Dolomite
Bhanpuri-d	42.53	Godavari	Limestone/Dolomite
Bhanpuri-s	30.92	Godavari	Limestone/Dolomite

Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Chhapanbhanpuri	9.4	Godavari	Limestone/Dolomite
Chitrakot	9.9	Godavari	Compact Sandstone
Jagdapur	11	Godavari	Limestone/Dolomite
Jagdapur.1	8.17	Godavari	Not Available
Jagdapur-s PZ	28.07	Godavari	Alluvium
Karpawand	8.5	Godavari	Limestone/Dolomite
Kumharwand	9.5	Godavari	Limestone/Dolomite
Markel	9.86	Godavari	Shale
Nagarnar1	9.3	Godavari	Shaly Limestone
Neganar	12.58	Godavari	Limestone/Dolomite
Sonarpal	9.75	Godavari	Compact Sandstone
Andhiyarkhor	12.02	Mahanadi	Compact Sandstone
Ashoga	10.95	Mahanadi	Limestone/Dolomite
Bemetara New	16.78	Mahanadi	Shale
Bemetera-s	39.83	Mahanadi	Shale
Berla	7.4	Mahanadi	Limestone/Dolomite
Bitkuli	8.8	Mahanadi	Shale
Dadhi 1	12	Mahanadi	Shale
Deorbija	9.63	Mahanadi	Limestone/Dolomite
Ganiya	5.55	Mahanadi	Shale
Gatapar	9.5	Mahanadi	Limestone/Dolomite
Jamgaon	9.5	Mahanadi	Limestone/Dolomite
Kathiya	16.1	Mahanadi	Shale With Sandstone Partings
Kedwa	6.6	Mahanadi	Limestone/Dolomite
Khati	8.23	Mahanadi	Shale
Khurmuri	14	Mahanadi	Shale
Medasar	10.7	Mahanadi	Quartzite
Nawagarh1	8.5	Mahanadi	Shale
Nawagarh-d	75.62	Mahanadi	Shale
Nawagarh-s	30.5	Mahanadi	Shale
Ninwa	11.32	Mahanadi	Shale
Parpoda	14	Mahanadi	Limestone/Dolomite
Saja Pz Ii	51.3	Mahanadi	Maniyari shale
Saja Pzi	151.9	Mahanadi	Maniyari shale
Semariya	151.3	Mahanadi	Maniyari shale
bakarkuda	0	Mahanadi	Limestone
Bansajhal	8.33	Mahanadi	Compact Sandstone
Bansajhal1 PZ	37.22	Mahanadi	Schist/Talc
Bartoli	9.45	Mahanadi	Limestone
Belgahana	11	Mahanadi	Phyllite

Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Beltara	9.65	Mahanadi	Compact Sandstone
Bilaspur	15.5	Mahanadi	Limestone/Dolomite
Bilha	13.7	Mahanadi	Limestone/Dolomite
Chakrabhata-d PZ	54.8	Mahanadi	Limestone/Dolomite
Chandkhuri (d)	74.4	Mahanadi	Not Available
Chandkhuri (s)	50	Mahanadi	Not Available
Chilhathi	10.2	Mahanadi	Limestone/Dolomite
chilhathi	50	Mahanadi	Limestone
Dagauri	11.38	Mahanadi	Not Available
Danikundi	20	Lower Ganges	Granite/Granodiorite
Dhanpur	10.8	Lower Ganges	Granite/Granodiorite
Ganiyari	50	Mahanadi	Not Available
Ganiyari.2	11.4	Mahanadi	Shale
Gatori	6.45	Mahanadi	Limestone/Dolomite
Gaurela	8.79	Lower Ganges	Granite/Granodiorite
Hemu Nagar	7.92	Mahanadi	Limestone/Dolomite
Hirri	11.15	Mahanadi	Limestone/Dolomite
Jhingatpur	9.1	Mahanadi	Phyllite
Jogipur	12.1	Mahanadi	Quartzite
Kargikhurud	13.1	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kenda	10.9	Mahanadi	Phyllite
Keonchi	10.56	Mahanadi	Granite/Granodiorite
Keonchi (D)	100	Mahanadi	Not Available
Keonchi (s)	50	Mahanadi	Not Available
Khamharia1	17	Mahanadi	Shale
Khamharia2	10.9	Mahanadi	Quartzite
Kota PZ	31.07	Mahanadi	Shale
Kota(kargi)	19.82	Mahanadi	Limestone/Dolomite
Kotmi.1	17.75	Mahanadi	Granite/Granodiorite
Madanpur	15.1	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Malhar	7.85	Mahanadi	Limestone/Dolomite
Marwahi	14.12	Lower Ganges	Compact Sandstone
Masturi	12	Mahanadi	Shale
Masturi 1	10.95	Mahanadi	Shale
Neora	12.6	Mahanadi	Limestone Cavernous
Nimdha	8.5	Lower Ganges	Granite Gneiss
Panchpedi	10.4	Mahanadi	Limestone/Dolomite
Patera	6.8	Mahanadi	Granite Gneiss
Pendra Road	50	Lower Ganges	Not Available
Piparkhuti	7	Mahanadi	Granite/Granodiorite

Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Piperkhutinew	6.8	Mahanadi	Granite Gneiss
Ranka Pz I	149.2	Mahanadi	Maniyari shale
Ranka Pz Ii	51.6	Mahanadi	Maniyari shale
Ratanpur	10.78	Mahanadi	Shale
Rupandand	4.8	Mahanadi	Granite Gneiss
Saraipalli	11.3	Mahanadi	Granite/Granodiorite
Seoni	11.6	Lower Ganges	Granite/Granodiorite
Sewra	8.8	Lower Ganges	Granite Gneiss
Shivtarai New	10.5	Mahanadi	Granite Gneiss
Sipat	50	Mahanadi	Shaly Limestone
Takhatpur.1	10	Mahanadi	Sandy Shale
Tendumuda	13.2	Lower Ganges	Sandstone
Tenduwa	11.1	Mahanadi	Granite/Granodiorite
Tikthi	12	Lower Ganges	Compact Sandstone
Udaypur	7.8	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Arsi-kanhar	12	Mahanadi	Granite/Granodiorite
Banraud - I	7	Mahanadi	Compact Sandstone
Banraud D	81	Mahanadi	Quartzite
Banraud S	50	Mahanadi	Quartzite
Banspani	12.54	Mahanadi	Granite/Granodiorite
Bhoyana	8.7	Mahanadi	Limestone Cavernous
Birgudi	11	Mahanadi	Granite/Granodiorite
Budepara	7.6	Mahanadi	Sandstone
Chataud S	50	Mahanadi	Compact Sandstone
Chhati	10.65	Mahanadi	Limestone/Dolomite
Chhati S	50	Mahanadi	Limestone Cavernous
Dhamtari1 PZ	51.75	Mahanadi	Limestone Cavernous
Dorgardula	11.21	Mahanadi	Granite/Granodiorite
Dugli	7.8	Mahanadi	Granite/Granodiorite
Dugli - I	7.7	Mahanadi	Granite/Granodiorite
Gangrel S	50	Mahanadi	Granite Gneiss
Gattasilli	9.1	Mahanadi	Not Available
Jabarra	6.1	Mahanadi	Not Available
Keregaon	8	Mahanadi	Granite/Granodiorite
Kondapar	10.6	Mahanadi	Shale
Kosmarra	8.2	Mahanadi	Not Available
Kurud S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kurud.1	9.4	Mahanadi	Limestone Cavernous
Magarlod	12	Mahanadi	Compact Sandstone
Magarlod D	61	Mahanadi	Shaly Limestone

Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Magarlod S	36.66	Mahanadi	Shaly Limestone
Marod	10.66	Mahanadi	Laterite
Mega	11	Mahanadi	Limestone
Murrumsilli S	50	Mahanadi	Granite Gneiss
Nagari PZ	36.58	Mahanadi	Granite/Granodiorite
Nagri	7.25	Mahanadi	Granite/Granodiorite
Nagri-1	10.05	Mahanadi	Granite/Granodiorite
Sankra	11.5	Mahanadi	Granite/Granodiorite
Seadei	7.6	Mahanadi	Sandstone
Sihawa	7.12	Mahanadi	Granite/Granodiorite
Singhpur	10.68	Mahanadi	Compact Sandstone
Ahiwara	10.55	Mahanadi	Limestone/Dolomite
Anda	7.12	Mahanadi	Shale
Anda-I	9	Mahanadi	Shale
Bhailai	8.2	Mahanadi	Limestone/Dolomite
Charoda	7.05	Mahanadi	Limestone/Dolomite
Dargaon	8.65	Mahanadi	Limestone/Dolomite
Dhamdha-s	30.55	Mahanadi	Limestone Cavernous
Durg	10.23	Mahanadi	Limestone/Dolomite
Funda	9.44	Mahanadi	Limestone/Dolomite
Ganiyari	13.1	Mahanadi	Limestone/Dolomite
Girhola	20.5	Mahanadi	Shale
Jeora Sirsa	9.8	Mahanadi	Limestone/Dolomite
Kachundur	8.9	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kandraka	8.6	Mahanadi	Limestone
Kumhari	30.46	Mahanadi	Limestone/Dolomite
Litai	14	Mahanadi	Limestone/Dolomite
Marra	11.2	Mahanadi	Limestone/Dolomite
Motipur	9.83	Mahanadi	Limestone/Dolomite
Paowara	9.45	Mahanadi	Limestone Cavernous
Patan	14.4	Mahanadi	Shale
Pawa Pz	149.2	Mahanadi	Maniyari shale
Pendri	9.3	Mahanadi	Limestone
Powara	7.4	Mahanadi	Limestone Cavernous
Ravelidih	9.3	Mahanadi	Limestone/Dolomite
Selud1	10	Mahanadi	Limestone/Dolomite
Selud2	27.03	Mahanadi	Limestone/Dolomite
Tarkori	9.05	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Utai-Adarshnagar	6	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Bindra nawagarh	8.75	Mahanadi	Granite/Granodiorite

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Chhura	11.25	Mahanadi	Granite/Granodiorite
Gariabandh-s	75.62	Mahanadi	Granite/Granodiorite
Gariyaband	10.55	Mahanadi	Granite/Granodiorite
Gariyaband -1	10.75	Mahanadi	Granite/Granodiorite
Gohrapadar - 1	7.35	Mahanadi	Granite/Granodiorite
Indagaon	8.1	Mahanadi	Granite/Granodiorite
Jalkhamar	9.35	Mahanadi	Granite/Granodiorite
Jhariabara	10.6	Mahanadi	Granite Gneiss
Joba	6.52	Mahanadi	Granite/Granodiorite
Panduka	10.77	Mahanadi	Compact Sandstone
Adbhar	8.3	Mahanadi	Shale
Akaltara	13.76	Mahanadi	Limestone/Dolomite
Akaltara S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Baloda -r	14.83	Mahanadi	Limestone/Dolomite
Baloda S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Bamhani	15.4	Mahanadi	Gneiss/Amphibolite/Granulite
Bamnidihi	10	Mahanadi	Shale
Baradwar D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Baradwar S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Budena	13.1	Mahanadi	Granite Gneiss
Champa	12.3	Mahanadi	Limestone/Dolomite
Champa-d PZ	65.5	Mahanadi	Shaly Limestone
Champa-s PZ	41.87	Mahanadi	Shaly Limestone
Chandrapur I	23.32	Mahanadi	Alluvium
Dabra	9.87	Mahanadi	Compact Sandstone
Damau	7.92	Mahanadi	Sandstone
Dhardei	11.48	Mahanadi	Shale
Dhurkot Nhs	12.8	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Dongakahrod	13.9	Mahanadi	Limestone/Dolomite
Ghoghari	8.52	Mahanadi	Shale
Hasoud	9.54	Mahanadi	Shale
Jaijaipur	12.13	Mahanadi	Shale
Jaijaipur D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Jaijaipur S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Janjgir	19.95	Mahanadi	Shale
Janjgir S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Jewara	12.14	Mahanadi	Limestone
Jhulan Pakariya	11.8	Mahanadi	Limestone/Dolomite
Kera	8.73	Mahanadi	Shale
Khartal	10.72	Mahanadi	Limestone/Dolomite

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Konargarh	6.36	Mahanadi	Shale
Latesara	10.52	Mahanadi	Shale
Loharsi	10.2	Mahanadi	Granite Gneiss
Malkhroda	15.37	Mahanadi	Shale
Mulmula	10	Mahanadi	Limestone Cavernous
Pamgarh	18.33	Mahanadi	Shale
Pamgarh D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Pamgarh S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Sakti	20.81	Mahanadi	Shale
Sakti S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Saliabhata	13.1	Mahanadi	Granite Gneiss
Sapos	10.5	Mahanadi	Granite Gneiss
Saragaon2	13.12	Mahanadi	Shale
Sasaha	6.9	Mahanadi	Shale
Semra	15.4	Mahanadi	Limestone/Dolomite
Seorinarayan	11.4	Mahanadi	Alluvium
Seorinarayan1 PZ	30.15	Mahanadi	Alluvium
Somthi	10.9	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Sukda	7.4	Mahanadi	Compact Sandstone
Thathari	11.3	Mahanadi	Shale
Amatolli	5.2	Mahanadi	Granite/Granodiorite
Bagbahar S	50	Mahanadi	Granite Gneiss
Bagicha	6.82	Mahanadi	Gneiss/Amphibolite/Granulite
Bagicha PZ	41.63	Mahanadi	Gneiss/Amphibolite/Granulite
Balachhappar	12.25	Mahanadi to Ganges Water Resources Region	Granite Gneiss
Bandarchuwa	10.75	Mahanadi	Granite/Granodiorite
Banderchua S	50	Mahanadi	Granite Gneiss
Bangaon	8.24	Mahanadi	Granite/Granodiorite
Bangaon B	50	Mahanadi	Granite Gneiss
Bataikela	8.87	Mahanadi	Gneiss/Amphibolite/Granulite
Bewrapali	8	Mahanadi	Not Available
Bildagi	8.5	Mahanadi	Granite Gneiss
Binjapur	7.5	Mahanadi	Granite/Granodiorite
Bthighara	12.1	Mahanadi	Granite Gneiss
Chhpartoli	7.5	Mahanadi	Not Available
Dhodidand	6.6	Mahanadi	Granite/Granodiorite
Farsabhar	4.65	Mahanadi	Not Available

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Farsakanhi	8.44	Mahanadi	Granite/Granodiorite
Ghatmunda	9.4	Mahanadi	Granite/Granodiorite
Jakba	10	Mahanadi to Ganges Water Resources Region	Granite Gneiss
Jashpurnagar	10.35	do	Granite/Granodiorite
Kachhor	9.8	Mahanadi	Granite Gneiss
Kandaibahar	6.1	Mahanadi	Granite Gneiss
Kandora	10.5	Mahanadi	Granite Gneiss
Kansabel	12.3	Mahanadi	Granite/Granodiorite
Kasawel S	50	Mahanadi	Granite Gneiss
Kersai	7.98	Mahanadi	Granite/Granodiorite
Khutsera	7.45	Mahanadi	Not Available
Kotba	6.85	Mahanadi	Granite/Granodiorite
Kunjara	7.8	Mahanadi	Granite/Granodiorite
Kunkuri S	50	Mahanadi	Granite Gneiss
Kunkuri1	7.4	Mahanadi	Granite/Granodiorite
Lavakera	9.25	Mahanadi	Gneiss/Amphibolite/Granulite
Lavakera1	41.5	Mahanadi	Gneiss/Amphibolite/Granulite
Ludeg	6.99	Mahanadi	Gneiss/Amphibolite/Granulite
Maini	8.5	Mahanadi	Granite/Granodiorite
Mauhadih	9.1		Gneiss/Amphibolite/Granulite
Muskuti	7.99	Mahanadi	Granite/Granodiorite
Narayanbaheli	8.25	Mahanadi	Granite Gneiss
Narayanpur S	50	Mahanadi	Granite Gneiss
Nawaguda	9.6	Mahanadi	Granite Gneiss
Palidih	10.5	Mahanadi	Granite Gneiss
Pathalgaon	14.23	Mahanadi	Granite/Granodiorite
Pathalgaon S	50	Mahanadi	Granite Gneiss
Pathalgaon1 PZ	26.93	Mahanadi	Gneiss/Amphibolite/Granulite
Patratoli	7.8	Mahanadi	Granite Gneiss
Peta	7.73	Mahanadi	Granite Gneiss
Phooldih	6	Lower Ganges	Granite Gneiss
Raikera	7	Mahanadi	Granite/Granodiorite
Raikera(Kunkuri)	7.75	Lower Ganges	Granite Gneiss
Raoni	5.65	Mahanadi	Granite Gneiss
Rupsera	7.79	Mahanadi to Ganges Water Resources Region	Granite/Granodiorite

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Sanna	14.8	Lower Ganges	Granite Gneiss
Saraipani	8.3	Mahanadi	Granite/Granodiorite
Sarhapani	9.8	Lower Ganges	Gneiss/Amphibolite/Granulite
Sarkardih	9.93	Mahanadi to Ganges Water Resources Region	Granite/Granodiorite
Sonquari	16	Mahanadi	Granite Gneiss
Srishringa	6.9	Mahanadi	Granite/Granodiorite
Surangpani New	8.4	Mahanadi	Granite/Granodiorite
Tapkara	11	Mahanadi	Granite/Granodiorite
Tapkara S	50	Mahanadi	Granite Gneiss
Charama2	8.82	Mahanadi	Granite/Granodiorite
Govindpur	7.15	Mahanadi	Gneiss/Amphibolite/Granulite
Kanker	14	Mahanadi	Gneiss/Amphibolite/Granulite
Kanker1 PZ	30.56	Mahanadi	Granite/Granodiorite
Kulgaon	9.9	Mahanadi	Gneiss/Amphibolite/Granulite
Bharamdeo D	100	Mahanadi	Shale
Bharamdeo S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Bodla	14.5	Mahanadi	Limestone/Dolomite
Bodla1 PZ	27.73	Mahanadi	Schist/Talc
Chilpi	9.85	Narmada	Schist/Talc
Danganiya	10.3	Mahanadi	Limestone/Dolomite
Dhandgaon	12.4	Mahanadi	Limestone
Kapada	10	Mahanadi	Limestone/Dolomite
Kawardha S	50	Mahanadi	Shale
Kawardha l	11	Mahanadi	Limestone/Dolomite
Khadoula	8.75	Mahanadi	Shale
Kharoda Kalan	9.2	Mahanadi	Limestone/Dolomite
Kui	9.75	Mahanadi	Granite/Granodiorite
Lohara-d PZ	52	Mahanadi	Shale
Lohara-s PZ	24.56	Mahanadi	Shale
Munmuna	9.8	Mahanadi	Phyllite
Rajnanwagaon	5.52	Mahanadi	Schist/Talc
Sagona S	27.9	Mahanadi	Granite Gneiss
Sahaspur lohara	6.39	Mahanadi	Limestone/Dolomite
Sahaspur Lohara.1	11.15	Mahanadi	Not Available
Sarai Patera S	16	Mahanadi	Granite Gneiss

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Saroda Dadar S	50	Mahanadi	Granite Gneiss
Singhari D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Singhari S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Uria Khurud	9	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Batrail	9.07	Godavari	Gneiss/Amphibolite/Granulite
Ghodagaon	9.6	Godavari	Compact Sandstone
Joba	8	Godavari	Compact Sandstone
Keskal	9	Mahanadi	Gneiss/Amphibolite/Granulite
Kondagon New	12.1	Godavari	Granite/Granodiorite
Lanjora	11	Godavari	Granite/Granodiorite
Murwand1	10	Godavari	Granite Gneiss
Pharasgaon	9.9	Godavari	Granite/Granodiorite
Pharasgaon1 PZ	27.4	Godavari	Schist/Talc
Andhiarkhor Pz I	51.3	Mahanadi	Maniyari shale
Banbandha	5.36	Mahanadi	Compact Sandstone
Bandhakhar	6.82	Mahanadi	Sandstone
Batati Junction	11.27	Mahanadi	Sandstone
Bhilai Nagar Pz Ii	92	Mahanadi	Sandstone With Shale/Coal Partings
Chaitama	15	Mahanadi	Compact Sandstone
Champa Mode	7.5	Mahanadi	Sandstone
Charmar	9.4	Mahanadi	Sandstone
Churi	12.8	Mahanadi	Granite Gneiss
Dhegurdi Manzipara	9.4	Mahanadi	Sandstone
Dhourabhata	8.37	Mahanadi	Sandstone
Dumardih New	8.86	Mahanadi	Sandstone
Gopalpur	12.71	Mahanadi	Granite/Granodiorite
Jamchuwa	9.5	Mahanadi	Sandstone
Jatgan	11.4	Mahanadi	Granite/Granodiorite
Jhabar	8.35	Mahanadi	Sandstone With Shale/Coal Partings
Jhingatpur	10.3	Mahanadi	Sandstone
Jogipali	10.4	Mahanadi	Sandstone
Kartala	10.95	Mahanadi	Compact Sandstone
Katghora	11.65	Mahanadi	Compact Sandstone
Khodri	4.8	Mahanadi	Granite Gneiss
Korba	14.47	Mahanadi	Compact Sandstone
Korba Home Gaurd Pz Ii	37.48	Mahanadi	Compact Sandstone
Korba-S	193	Mahanadi	Sandstone With Shale/Coal Partings
Korkoma Junction	8.15	Mahanadi	Sandstone
Kotmer Upper	8.2	Mahanadi	Sandstone

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Kurtha	8.9	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Lenga	9.98	Mahanadi	Granite Gneiss
Madai	8.73	Mahanadi	Compact Sandstone
Morga	14	Mahanadi	Compact Sandstone
Nagai	11.77	Mahanadi	Compact Sandstone
Naktikhar	10.27	Mahanadi	Sandstone With Shale/Coal Partings
Naraibodh	7.5	Mahanadi	Sandstone
Nawapara	7.3	Mahanadi	Sandstone
Nonbirra	10.5	Mahanadi	Sandstone
Nonbirra	8.2	Mahanadi	Sandstone
Nonbirra New	13.2	Mahanadi	Granite Gneiss
Numera	12.17	Mahanadi	Sandstone With Shale/Coal Partings
Nunera Pz I	142.25	Mahanadi	Sandstone With Shale/Coal Partings
Nunera Pz II	70.41	Mahanadi	Sandstone With Shale/Coal Partings
Pali	10.25	Mahanadi	Compact Sandstone
Pasan	13.88	Mahanadi	Granite/Granodiorite
Pasarkhet	7.6	Mahanadi	Sandstone
Pondi	115	Mahanadi	Sandstone With Shale/Coal Partings
Ponri	12.98	Mahanadi	Granite/Granodiorite
Rajkamma	72.53	Mahanadi	Sandstone With Shale/Coal Partings
Ralia Pz Ii	6.95	Mahanadi	Sandstone
Ralia Pz Iii	12.1	Mahanadi	Granite Gneiss
Rampur	150	Mahanadi	Sandstone With Shale/Coal Partings
Ramtarai Pz I	105	Mahanadi	Sandstone With Shale/Coal Partings
Ramtarai Pz Ii	6.98	Mahanadi	Sandstone
Ramtarai Pz Iii	78	Mahanadi	Sandstone With Shale/Coal Partings
Rewa	150	Mahanadi	Sandstone With Shale/Coal Partings
Rishdi	50.82	Mahanadi	Sandstone With Shale/Coal Partings
Sakdukala	11.1	Mahanadi	Granite Gneiss
Salihabhata	7.29	Mahanadi	Sandstone
Sindhiya	8.61	Mahanadi	Sandstone
Sirki Pz I	7.7	Mahanadi	Compact Sandstone
Sirki Pz Ii	9.32	Mahanadi	Sandstone
Sutarra	161	Mahanadi	Sandstone With Shale/Coal Partings
Sutera	85	Mahanadi	Sandstone With Shale/Coal Partings
Tikeja	11.68	Mahanadi	Sandstone
Tiwarta Pz I	9.3	Mahanadi	Sandstone With Shale/Coal Partings
Tiwarta Pz Ii	10.6	Mahanadi	Granite Gneiss
Tuman	15.55	Mahanadi	Granite/Granodiorite
Tuman	11.5	Mahanadi	Granite Gneiss

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Urga.1	7.05	Mahanadi	Gneiss/Amphibolite/Granulite
Baharsi.1	5.52	Lower Ganges	Compact Sandstone
Baikunthpur	7	Mahanadi	Compact Sandstone
Baikunthpur-s	24.67	Mahanadi	Compact Sandstone
Banjaridad S	50	Mahanadi	Sandstone
Belbehra	7.28	Mahanadi	Compact Sandstone
Biharpur	15.3	Mahanadi	Sandstone
Bikrampur	6.4	Mahanadi	Sandstone With Shale/Coal Partings
Chutki	5.4	Lower Ganges	Compact Sandstone
Garundol	11	Mahanadi	Sandstone With Shale/Coal Partings
Girjapur	3	Mahanadi	Sandstone
Jamgahana	6.5	Mahanadi	Sandstone
Janakpur	10	Lower Ganges	Compact Sandstone
Kelhari	11.52	Lower Ganges	Compact Sandstone
Khadgaon	13.2	Mahanadi	Compact Sandstone
Khadgaon - 1	11.6	Mahanadi	Compact Sandstone
Khatgori	15.74	Mahanadi	Compact Sandstone
Kiwarpur	9.35	Lower Ganges	Shale With Limestone/Sandstone Band/Lens
Manendragarh	10.48	Mahanadi	Compact Sandstone
Mansukha	12	Mahanadi	Shale
Pendri	8.36	Mahanadi	Compact Sandstone
Pouri	11.8	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Ranai	13.06	Lower Ganges	Compact Sandstone
Ranai I	14	Lower Ganges	Compact Sandstone
Sarbhoka	8.89	Mahanadi	Compact Sandstone
Sonhat	7	Mahanadi	Compact Sandstone
Tarabahara	8.83	Lower Ganges	Compact Sandstone
Tilokhan	10	Lower Ganges	Compact Sandstone
Ujiyarpur1	10.36	Mahanadi	Compact Sandstone
Awaradawri S	50	Mahanadi	Granite Gneiss
Bag bahera	11.26	Mahanadi	Granite/Granodiorite
Bagbahara S	50	Mahanadi	Granite Gneiss
Baldidih	9.75	Mahanadi	Granite Gneiss
Barbaspur	8.55	Mahanadi	Granite Gneiss
Basna	11.65	Mahanadi	Granite Gneiss
Basna S	50	Mahanadi	Granite Gneiss
Belsunda	14.85	Mahanadi	Shell Limestone/Limestone
Jagdishpur	10.76	Mahanadi	Granite/Granodiorite
Jhalap	9.35	Mahanadi	Granite/Granodiorite
Jhalap S	32.8	Mahanadi	Granite Gneiss

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Jogideepa D	64.4	Mahanadi	Granite Gneiss
Jogideepa S	50	Mahanadi	Granite Gneiss
Jogidipa	10.65	Mahanadi	Granite Gneiss
Keshwa S	50	Mahanadi	Compact Sandstone
Khallari	5.35	Mahanadi	Not Available
Mahasamund Contractual S	50	Mahanadi	Compact Sandstone
Mahasamund.	14.32	Mahanadi	Compact Sandstone
Mahasamund.1	14.32	Mahanadi	Compact Sandstone
Mandalpur	6.6	Mahanadi	Quartzite
Marban	8.4	Mahanadi	Sandstone
Palsipani - 1	10.05	Mahanadi	Granite/Granodiorite
Patsenduri	9.59	Mahanadi	Compact Sandstone
Phusera	12.1	Mahanadi	Limestone/Dolomite
Pithora	11.4	Mahanadi	Granite/Granodiorite
Pithora - 1	12.85	Mahanadi	Granite/Granodiorite
Pithora PZ	27.43	Mahanadi	Granite/Granodiorite
Sagrapali	8.5	Mahanadi	Compact Sandstone
Sakra S	50	Mahanadi	Granite Gneiss
Saraipali	12.48	Mahanadi	Compact Sandstone
Saraipalli-S PZ	30.58	Mahanadi	Shale
Sirpur	13.15	Mahanadi	Limestone/Dolomite
Sirpur1 PZ	60	Mahanadi	Limestone/Dolomite
Suarmar	13.95	Mahanadi	Granite/Granodiorite
Suarmar1 PZ	42.94	Mahanadi	Granite/Granodiorite
Tendukonda	12.98	Mahanadi	Granite/Granodiorite
Tumgaon	11.31	Mahanadi	Compact Sandstone
Tumgaon S	50	Mahanadi	Granite Gneiss
Achanakmar1	10.3	Mahanadi	Phyllite
Amadob	9.15	Mahanadi	Sandy Shale
Amerikhapa	8.44	Mahanadi	Sandstone With Shale/Coal Partings
Attaria	11.5	Mahanadi	Granite Gneiss
Baitalpur	14.99	Mahanadi	Limestone/Dolomite
Barighat	13.08	Mahanadi	Compact Sandstone
Bindabal	13.5	Mahanadi	Granite Gneiss
Chattan	9.2	Mahanadi	Granite Gneiss
Chhaparwa	16.87	Mahanadi	Granite/Granodiorite
Chirhula	16	Mahanadi	Limestone/Dolomite
Darhi Pz I	57.5	Mahanadi	Maniyari shale
Darhi Pz li	121.8	Mahanadi	Maniyari shale

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Deori	9.3	Mahanadi	Limestone/Dolomite
Godkhami	9.2	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kanteli.1	11.2	Mahanadi	Shale
Karesara Pz I	149.2	Mahanadi	Maniyari shale
Karesara Pz Ii	57.7	Mahanadi	Maniyari shale
Lamni	16	Mahanadi	Granite/Granodiorite
lormi	16.3	Mahanadi	Shale
Lormi (d)	70	Mahanadi	Not Available
Lormi l	4.95	Mahanadi	Shale
Mungeli	13.5	Mahanadi	Limestone/Dolomite
Mungeli(d)	100	Mahanadi	Not Available
Mungeli(s)	50	Mahanadi	Not Available
Pali	9.2	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Patharia (chorbhatti)	15.4	Mahanadi	Shale
Saragaon l	7	Mahanadi	Shale
Setganga	6.2	Mahanadi	Limestone/Dolomite
Sitalkunda	9.4	Mahanadi	Limestone/Dolomite
Tilaidabra	10.8	Mahanadi	Granite Gneiss
Chhal	7.9	Mahanadi	Granite Gneiss
Amapali	10.5	Mahanadi	Granite Gneiss
Amlipur Amlitikra	5.7	Mahanadi	Sandstone
Auranar	13.9	Mahanadi	Sandstone
Bakaruma	11.25	Mahanadi	Granite/Granodiorite
Bamsjer	7.8	Mahanadi	Sandstone
Baramkela	15.5	Mahanadi	Limestone/Dolomite
Baramkela S	37	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Barpali	11.48	Mahanadi	Compact Sandstone
Bartapali	11.4	Mahanadi	Sandstone
Bataupali	9	Mahanadi	Compact Sandstone
Bayasi	7.5	Mahanadi	Granite Gneiss
Behramar	8.6	Mahanadi	Gneiss/Amphibolite/Granulite
Bhangari	11.5	Mahanadi	Not Available
Bhupdeopur S	50	Mahanadi	Compact Sandstone
Bijapara	10.4	Mahanadi	Sandstone
Bojia	9.2	Mahanadi	Sandstone
Bonda	10	Mahanadi	Limestone/Dolomite
Boro	10.5	Mahanadi	Sandstone
Chaple	10.36	Mahanadi	Limestone/Dolomite
Chaple S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Charmar	9.8	Mahanadi	Gneiss/Amphibolite/Granulite

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Chimtapani	14.15	Mahanadi	Compact Sandstone
Chunkunidad	11.8	Mahanadi	Sandstone
Damdarha	9.85	Mahanadi	Compact Sandstone
Deridih	9.5	Mahanadi	Gneiss/Amphibolite/Granulite
Derpani	4.8	Mahanadi	Granite Gneiss
Dharamjaigarh PZ	29.91	Mahanadi	Compact Sandstone
Dharan Pz Ii	56	Mahanadi	Sandstone With Shale/Coal Partings
Dharmajaigarh	12.55	Mahanadi	Compact Sandstone
Dharmajaigarh	12.55	Mahanadi	Compact Sandstone
Dongabhona	7.5	Mahanadi	Gneiss/Amphibolite/Granulite
Duliamuda	9.4	Mahanadi	Gneiss/Amphibolite/Granulite
Dumarpali	9.3	Mahanadi	Granite Gneiss
Durgapur	9.7	Mahanadi	Sandstone
Edu	7.56	Mahanadi	Compact Sandstone
Farkanara	11.25	Mahanadi	Sandstone
Gare Nhs	10	Mahanadi	Sandstone With Shale/Coal Partings
Gersa	12.5	Mahanadi	Gneiss/Amphibolite/Granulite
Gharghoda	13.38	Mahanadi	Compact Sandstone
Golabuda	10.2	Mahanadi	Granite/Granodiorite
Hati	9.56	Mahanadi	Compact Sandstone
Hirri 1	9.72	Mahanadi	Limestone/Dolomite
Kanakbira	11	Mahanadi	Granite/Granodiorite
Kandadand	10.4	Mahanadi	Sandstone
Kapu	9.75	Mahanadi	Granite/Granodiorite
Kedar S	50	Mahanadi	Limestone Cavernous
Keradih	3.95	Mahanadi	Sandstone
Kerajhar	12.36	Mahanadi	Compact Sandstone
Kerigarhi	11.5	Mahanadi	Sandstone
Khadgaon 1	13.5	Mahanadi	Laterite
Kharasia S	50	Mahanadi	Compact Sandstone
Kharsia	17.63	Mahanadi	Compact Sandstone
Kondatalai S	50	Mahanadi	Compact Sandstone
Kotra	9.46	Mahanadi	Limestone/Dolomite
Kurekela	14.55	Mahanadi	Compact Sandstone
Lailunga 1	11.22	Mahanadi	Granite/Granodiorite
Lailunga 2	46.62	Mahanadi	Granite/Granodiorite
Lakha. 1	8.55	Mahanadi	Not Available
Lakshmipur	4.4	Mahanadi	Sandstone
Laripani	10.35	Mahanadi	Compact Sandstone
Lendra S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Lipti	7.5	Mahanadi	Granite Gneiss
Malda B	9.27	Mahanadi	Granite/Granodiorite
Milupara-Sidarpara	13.8	Mahanadi	Gneiss/Amphibolite/Granulite
Mumund	6.2	Mahanadi	Granite Gneiss
Nawadih	8.2	Mahanadi	Gneiss/Amphibolite/Granulite
Nawagaon	6.5	Mahanadi	Gneiss/Amphibolite/Granulite
Nawapara Pz	48.79	Mahanadi	Sandstone With Shale/Coal Partings
Ongana	8.4	Mahanadi	Gneiss/Amphibolite/Granulite
Pakargaon	5.8	Mahanadi	Granite/Granodiorite
Pandripani	12.3	Mahanadi	Gneiss/Amphibolite/Granulite
Phuthamuda	7.3	Mahanadi	Gneiss/Amphibolite/Granulite
Pindri	7.97	Mahanadi	Granite/Granodiorite
Porda Pz	30	Mahanadi	Sandstone With Shale/Coal Partings
Potiya	9.5	Mahanadi	Gneiss/Amphibolite/Granulite
Pusalda	11.8	Mahanadi	Gneiss/Amphibolite/Granulite
Raigarh	17.66	Mahanadi	Compact Sandstone
Raiharg S	50	Mahanadi	Compact Sandstone
Rajpur. 1	8.6	Mahanadi	Not Available
Rajpur2	8.16	Mahanadi	Gneiss/Amphibolite/Granulite
Ramnagar	5.6	Mahanadi	Gneiss/Amphibolite/Granulite
Rera	8.5	Mahanadi	Granite Gneiss
Salkhiya	7.8	Mahanadi	Granite/Granodiorite
Samaruma	6.67	Mahanadi	Sandstone
Saraipali	13.2	Mahanadi	Gneiss/Amphibolite/Granulite
Sarangarh	12.62	Mahanadi	Compact Sandstone
Sarangarh S	50	Mahanadi	Limestone Cavernous
Sarangarh1	34.21	Mahanadi	Compact Sandstone
Saria1	12	Mahanadi	Limestone/Dolomite
Shahpur Colony	12	Mahanadi	Sandstone
Sirsinga Temple	8.2	Mahanadi	Granite/Granodiorite
Sirsinga	13.6	Mahanadi	Compact Sandstone
Sithra New	11.5	Mahanadi	Sandstone
Sukwasuava	8.4	Mahanadi	Granite/Granodiorite
Tadola	6.8	Mahanadi	Shale with Limestone/Sandstone Band/Lens
Taraimal1.1	8	Mahanadi	Compact Sandstone
Taraimar	10.4	Mahanadi	Gneiss/Amphibolite/Granulite
Tendumar	6.8	Mahanadi	Gneiss/Amphibolite/Granulite
Tetla	13.17	Mahanadi	Compact Sandstone
Abhanpur	19.9	Mahanadi	Shale
Abhanpur D	100	Mahanadi	Shale with Limestone/Sandstone Band/Lens

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Abhanpur S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Amapara NHS	8	Mahanadi	Limestone
Amera	8	Mahanadi	Shale With Sandstone Partings
Amethi	6.4	Mahanadi	Limestone Cavernous
Arang	9.15	Mahanadi	Limestone/Dolomite
Arang S	50	Mahanadi	Limestone Cavernous
Bajrangpur	12.45	Mahanadi	Shale
Bohardih Pzi	149.2	Mahanadi	Maniyari shale
Bohardih Pzii	51.6	Mahanadi	Maniyari shale
Bothi Pzi	100.3	Mahanadi	Maniyari shale
Bothi Pzii	39.4	Mahanadi	Maniyari shale
Charauda	7.8	Mahanadi	Limestone
Devpuri	14.04	Mahanadi	Limestone/Dolomite
Devri	11.5	Mahanadi	Limestone Cavernous
Dharsiwa	13	Mahanadi	Limestone/Dolomite
Dharsiwa S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Dumartarai	11.2	Mahanadi	Limestone
Fingeshwar- I	10.5	Mahanadi	Limestone/Dolomite
Kanekera	3.9	Mahanadi	Compact Sandstone
Kanki	7.25	Mahanadi	Sandy Shale
Kanki D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kanki S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Kusrangi	7.85	Mahanadi	Sandy Shale
Manabasti	12.2	Mahanadi	Limestone/Dolomite
Mandhar	7.2	Mahanadi	Limestone
Mandhar D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Mandhar S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Mandirhasud	14.5	Mahanadi	Limestone/Dolomite
Palari	11.5	Mahanadi	Shale
Palari D	100	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Palari S	50	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Raipur	16.87	Mahanadi	Limestone/Dolomite
Raipur (IGKV)-S	122.08	Mahanadi	Limestone/Dolomite
Rajim	10.95	Mahanadi	Shale
Rajim-s PZ	27.38	Mahanadi	Shale
Ranisagar	7.85	Mahanadi	Not Available
Rsu Raipur	10.4	Mahanadi	Limestone
Sakara	21.55	Mahanadi	Limestone
Sandi	10.9	Mahanadi	Shale
Sandi1	30.8	Mahanadi	Shale

Details of National Hydrograph Stations

Annexure-I

Location	Depth of well	Basin	Geology
Semariya	11.15	Mahanadi	Limestone
Sursabandha	8.16	Mahanadi	Alluvium
Umaria station	8.84	Mahanadi	Shale
Badaitola	14.3	Mahanadi	Sandstone
Baigatola	8.3	Mahanadi	Granite/Granodiorite
Birampurkala	7.9	Mahanadi	Limestone
Chinohola	11.7	Mahanadi	Granite Gneiss
Chirchari	12.02	Mahanadi	Granite/Granodiorite
Chuikhadan	12	Mahanadi	Phyllite
Dhaba	13	Mahanadi	Limestone Cavernous
Dhaneli	9	Mahanadi	Limestone
Dhara	9.3	Mahanadi	Granite/Granodiorite
Diwanbhedi	9.8	Mahanadi	Granite Gneiss
Dongargaon.1	10.52	Mahanadi	Granite/Granodiorite
Dongargarh	11.4	Mahanadi	Granite/Granodiorite
Dongargarh-d PZ	51.59	Mahanadi	Granite/Granodiorite
Dongargarh-sPZ	30.44	Mahanadi	Granite/Granodiorite
Gandaipandaria	10.05	Mahanadi	Limestone/Dolomite
Govindpur	8	Mahanadi	Granite/Granodiorite
Khairagarh	8	Mahanadi	Compact Sandstone
Lal bhadurnagar	12.02	Mahanadi	Granite/Granodiorite
Madrakuhi	7.2	Mahanadi	Limestone
Mohgaon	13	Mahanadi	Compact Sandstone
Mutpar	10	Mahanadi	Granite Gneiss
Narmada	9.65	Mahanadi	Limestone
Rajnandgaon	11.8	Mahanadi	Shale
Rajnandgaon-S PZ	30.46	Mahanadi	Shale
Ramatola	13.5	Mahanadi	Granite/Granodiorite
Rampur	7.4	Mahanadi	Shaly Sandstone
Rangkathera	10.81	Mahanadi	Shale
Ranitarai	10.1	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Ravagahan	9.1	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Reevagaon	10.75	Mahanadi	Granite/Granodiorite
Sahaspur Dalli	16	Mahanadi	Shale With Sandstone Partings
Salgapat	10.18	Mahanadi	Rhyolite
Salhe Bara	12.45	Mahanadi	Compact Sandstone
Saloni	12.25	Mahanadi	Shale
Singhola	6.5	Mahanadi	Limestone/Dolomite
Somni	13.88	Mahanadi	Shale
Talai	15	Mahanadi	Limestone/Dolomite

Details of National Hydrograph Stations
Annexure-I

Location	Depth of well	Basin	Geology
Tappa	12.71	Mahanadi	Gneiss/Amphibolite/Granulite
Uraidabritola	12.05	Mahanadi	Shale With Limestone/Sandstone Band/Lens
Ajabnagar	6	Lower Ganges	Compact Sandstone
Badsara	10.3	Lower Ganges	Sandy Shale
Bhaiyathan	31.01	Lower Ganges	Gneiss/Amphibolite/Granulite
Deonagar	8.3	Lower Ganges	Compact Sandstone
Ganeshpur	14.06	Mahanadi	Compact Sandstone
Jaynagar	10.28	Lower Ganges	Compact Sandstone
Jhasi	10.2	Lower Ganges	Compact Sandstone
Kalyanpur	9.5	Mahanadi	Gneiss/Amphibolite/Granulite
Kanakpur	9.7	Mahanadi	Sandstone With Shale/Coal Partings
Latori	11.08	Lower Ganges	Compact Sandstone
Odigi	8	Lower Ganges	Shale With Limestone/Sandstone Band/Lens
Premnagar	13.65	Mahanadi	Compact Sandstone
Premnagar D	50	Mahanadi	Granite Gneiss
Ramanuj nagar	12.05	Mahanadi	Compact Sandstone
Sirsi	8.5	Lower Ganges	Quartzite
Surajpur	10	Lower Ganges	Compact Sandstone
Tara	15.44	Mahanadi	Compact Sandstone
Tara I	37.04	Mahanadi	Compact Sandstone
Ambikapur	11.14	Lower Ganges	Compact Sandstone
Ambikapur-D	49.1	Lower Ganges	Compact Sandstone
Ambikapur-s	30.94	Lower Ganges	Compact Sandstone
Baghima	6	Lower Ganges	Compact Sandstone
Bandana	9.43	Mahanadi	Granite/Granodiorite
Batauli	10	Mahanadi	Granite/Granodiorite
Batauli S	50	Mahanadi	Granite Gneiss
Chatakpur	5.7	Mahanadi	Sandstone
Dandgaon	7.71	Mahanadi	Compact Sandstone
Darima	8.35	Lower Ganges	Sandstone with Shale/Coal Partings
Ghorghadi	8	Mahanadi	Granite Gneiss
Kakalo	9.55	Mahanadi	Sandstone
Kamleswarpur	21.27	Mahanadi	Basalt
Kunni	9.7	Lower Ganges	Granite/Granodiorite
Laxmanpur	14	Lower Ganges	Compact Sandstone
Mangari	10.4	Mahanadi	Granite/Granodiorite
Nagadand	20	Mahanadi	Granite Gneiss
Nawapara	9.1	Lower Ganges	Gneiss/Amphibolite/Granulite
Parsa	10	Lower Ganges	Shale with Limestone/Sandstone Band/Lens
Pratapgarh	11.3	Mahanadi	Granite/Granodiorite

Details of National Hydrograph Stations**Annexure-I**

Location	Depth of well	Basin	Geology
Rajpari	7	Mahanadi	Sandstone
Sitapur-s	30.94	Mahanadi	Compact Sandstone
Udaipur	14.58	Lower Ganges	Compact Sandstone
Udaipur Dhah	10.6	Lower Ganges	Compact Sandstone
Udaipur-s	30.99	Lower Ganges	Compact Sandstone

Annexure II

Deprth to Water Level of National hydrograph Stations

District-BASTAR					
Sl No.	Location	DTW May 2018	DTW August 2018	DTW November 2018	DTW January 2019
1	Bade Kilepal	8.55	-	-	1.98
2	Bastar	8.86	1.75	6.55	
3	Batrail	-	2.87	2.65	4.18
4	Bhanpuri	2.13	1.10	2.95	8.12
5	Borgaon	9.50	4.60	9.05	
6	Chapra Bhanpuri	-	0.70	2.45	3.52
7	Chhapan Bhanpuri	2.32	0.70	2.45	7.25
8	Chitrakot	5.06	2.05	5.50	6.41
9	Farsaguda	2.16	1.00	2.90	2.11
10	Ghodagaon	-	1.65	6.10	-
11	Jagdapur	6.08	1.60	2.85	4.72
12	Jagdapur-s PZ	10.46	-	-	5.05
13	Jaitpuri	7.69	2.62	5.05	5.61
14	Joba	7.26	1.48	5.25	4.12
15	Junawahi	-	1.49	-	5.80
16	Keskal	8.11	1.60	6.85	7.83
17	Keskal New	8.11	-	-	4.24
18	Kodenar	9.55	-	-	4.83
19	Kondagon New	2.44	-	-	6.96
20	Kumharwand	3.09	1.00	3.15	4.91
21	Lanjora	8.66	4.02	-	-
22	Markel	5.69	1.89	-	3.99
23	Murwand	-	1.69	-	-
24	Neganar	-	2.05	-	-
25	Palanar	3.65	-	-	-
26	Pharasgaon	12.00	-	3.05	5.36
27	Sarbera	-	-	5.50	3.11
28	Surkupal	5.03	1.00	-	4.56
29	Usri Bera	9.89	2.60	7.95	3.01
District- BILASPUR					
30	Achanakmar PZ	40.00	-	-	3.46
31	Achanakmar1	10.00	-	-	-
32	Adbhar	11.00	-	-	-
33	Amadob	9.10	-	-	2.68
34	Amerikapa Tala	8.40	-	4.90	2.74
35	Attaria	11.50	-	-	1.90
36	Baitalpur	4.40	1.80	2.95	-
37	bakarkuda	-	0.63	5.00	5.55
38	Bakarkuda new	11.04	2.00	-	-
39	Banabel	14.90	2.90	4.20	4.70
40	Bansajhal	5.68	1.90	3.03	4.05
41	Barcha	4.10	1.00	-	4.20

42	Barighat	13.00	-	-	5.20
43	Bartoli	9.44	1.85	-	2.12
44	Belgahana	7.72	5.45	5.90	6.45
45	Beltara	8.31	-	2.50	8.30
46	Bilaspur Lalkhadan	8.12		-	6.19
47	Bilha	10.10	3.25	6.05	8.01
48	Bindabal	12.20	1.00	-	4.86
49	Bisauri	9.10	-	-	2.30
50	Bitkuli	13.20	-	-	3.76
51	Bohardi	8.00	-	-	2.18
52	Bothidih	9.01	5.85	4.92	8.20
53	Chakarbhata	18.00	-		3.45
54	Chandargarhi	5.64	0.90	3.00	3.45
55	Chandli	9.20	7.35	8.20	8.65
56	Chandrakhuri	8.20	-	-	--
57	Chatarkhar	13.50	7.20	-	-
58	Chattan	9.10	6.15	-	-
59	Chchoghana	8.92	4.80	6.10	5.25
60	Chhaparwa	16.86	-	-	-
61	Chhaparwa	9.00	-	-	9.00
62	Chhatauna	6.00	1.00	-	4.16
63	Chilhathi	6.08	-	-	7.50
64	Chirhula	16.00	0.70	-	3.30
65	Dagauri	5.43	4.60	4.60	4.90
66	Dam Dam	8.33	-	-	6.35
67	Danikundi	20.00	6.70	-	7.10
68	Daukapa	8.43	4.05	5.20	6.10
69	Deori	9.20	9.20	9.20	9.00
70	Dhanpur	9.17	6.10	7.20	-
71	Dharhar	12.20	-	-	-
72	Fulwari	8.70	7.90	-	8.05
73	Ganiyari	22.00	-	21.00	13.53
74	Ganiyari new	-	31.62	-	-
75	Ganiyari.2	11.40	-	-	4.20
76	Gatori	5.68	1.40	2.50	2.45
77	Gaurela	7.80	-		4.80
78	Ghansipur-Sainik Camp	5.60	0.85	8.10	-
79	Godkhami	9.20	4.80		8.90
80	Hemu Nagar	-	6.70	-	7.00
81	Hirri	7.31	1.35	6.90	5.10
82	Jaroundha	12.00	5.00	10.50	10.25
83	Jhapal	11.00	0.80		1.75
84	Jhingatpur	7.80	2.50	4.50	5.18
85	Jogipur	8.98	-	6.70	-
86	Kahronda	9.06	-	-	5.10
87	Kanchanpur		-	-	6.14
88	Kanteli		-		10.94
89	Kanteli.1	11.20	10.30	4.40	-
90	Kargikhurud	13.00	2.70	8.40	12.50
91	Kenda	10.80	5.20	7.60	8.00
92	Keonchi	10.50	-	5.18	7.27
93	Khaira New	8.30	-	-	3.80

94	Khamaria	10.04	9.60	-	
95	Khamharia I	6.32	1.75	-	3.45
96	Konchua	8.00	-	-	4.45
97	Koni	10.00	2.40	6.00	8.50
98	Kota(kargi)	11.53	1.45	-	3.46
99	Kotmi. I	17.73	5.90	5.70	-
100	Kudwahi	8.00	4.15	7.20	--
101	Kuli	8.30	2.10	5.98	5.90
102	Lamni	16.00	-	-	9.45
103	Lekhani	6.08	5.30	-	3.37
104	Lormi I	4.95	-	-	3.42
105	Madanpur	15.00	-	-	-
106	Madhanpur	14.30	-	-	-
107	Malhar	7.85	2.50	-	4.10
108	Marvahi	15.00	-	-	8.20
109	Marwahi	14.12	-	-	-
110	Masturi	12.00	2.10	4.35	5.60
111	Masturi I	10.90	-	-	-
112	Matiyari	5.10	3.10	5.50	3.45
113	Mendrapara Ratanpur	6.50	-	-	3.51
114	Mungeli	13.50	-	-	-
115	Narmada Khapri	9.00	-	-	-
116	Nawadih	10.70	7.00	7.60	5.95
117	Nawapara	9.05	1.12	3.70	4.35
118	Neora	12.50	-	-	5.14
119	Nimdha	8.50	3.10	1.70	4.10
120	Pali	4.70	-	-	-
121	Panchpedi	10.40	2.50	-	-
122	Pandra Patha	7.31	4.90	6.30	3.80
123	Pandri	6.08	-	-	6.00
124	Patera	6.70	-	-	3.48
125	Patharia (chorbhatti)	5.69	2.05	3.40	3.70
126	Pendari	12.54	1.45	12.54	12.10
127	Piparkhuti	7.00	4.80	6.00	-
128	Rajpur	7.12	6.20	6.90	--
129	Ratanpur	7.50	3.30	6.10	-
130	Rupandand	4.78	4.70	4.50	4.65
131	Saraipalli	11.20	-	-	4.18
132	Saudhakhurd	5.90	-	4.40	3.10
133	Sauti	15.00	-	-	-
134	Seoni	11.00	-	4.60	8.20
135	Sewra	8.00	6.80	7.70	8.50
136	Shekhwa	8.21	3.10	9.00	9.00
137	Shivtarai New	9.60	-	-	-
138	Shripara	8.10	2.95	6.87	7.80
139	Sipat	3.20	2.20	-	3.70
140	Sitalkunda	9.40	-	3.80	-
141	Surada	13.50	13.00	12.80	
142	Takhatpur	13.50	1.40	2.70	3.10
143	Takhatpur. I	10.00	-	-	4.25
144	Tendumuda	8.80	4.60	-	12.50
145	Tenduwa	11.00	2.50	-	-

146	Tikari	2.51	1.00	2.10	4.82
147	Tikthi	12.00	4.50	-	8.60
148	Tilaidabra	10.00	-	--	5.10
149	Udaypur	7.70	1.90	3.70	-
District - Dantewada					
	Geedam	-	-	-	6.46
District - Dhamtari					
150	Amali	5.34	1.11	3.65	
151	Aouri	5.14	0.65	3.31	4.54
152	Arjuni	7.17	1.35	4.80	5.42
153	Arsi-kanhar	8.10	3.90	4.19	4.82
154	Banraud	-	1.87	-	-
155	Banraud - I	6.05	-	3.69	4.12
156	Banraud D	13.27	4.57	6.18	7.36
157	Banraud S	13.98	4.04	5.20	6.41
158	Banspani	4.41	1.50	2.57	4.80
159	Basin	5.30	0.40	2.20	3.48
160	Belar Bahar	8.30	2.10	4.70	5.51
161	Bhatagoan	1.45	0.66	4.16	4.62
162	Birgudi	4.38	1.38	3.70	7.52
163	Budarao	5.12	-	2.87	3.12
164	Chhati	3.92	0.85	3.72	4.54
165	Dandesara	5.82	1.19	-	-
166	Darba	5.25	0.97	2.59	
167	Dorgardula	8.72	4.18	5.90	7.80
168	Dugli	6.50	1.78	4.15	5.11
169	Farsiya	4.92	1.46	4.16	4.91
170	Gadadih	5.12	1.27	3.27	4.13
171	Gangrel	3.99	1.40	7.13	8.10
172	Gatapar	4.73	1.05	2.68	3.62
173	Gattasilli	5.16	1.70	3.12	4.11
174	Jabarra	6.00	2.35	3.65	5.27
175	Keregaon	4.99	1.32	4.52	5.18
176	Kondapar	5.14	0.71	4.50	5.27
177	Kosmarra	3.36	1.12	5.12	5.12
178	Kouhabahara	5.23	1.93	4.25	5.63
179	Kumhada	5.38	1.19	4.35	4.96
180	Kurud.1	6.41	1.52	3.18	4.21
181	Lilanj	10.30	1.40	4.51	5.61
182	Magarlod	7.96	2.19	5.18	7.45
183	Marod	5.47	0.76	2.47	3.82
184	Marradev	4.72	1.97	3.11	4.10
185	Mechka Sondur	7.20	4.50	5.12	5.18
186	Mega	6.31	1.60	4.26	5.35
187	Mulgaon	5.91	2.19	3.19	4.79
188	Nagri	-	1.27	-	-
189	Nagri I	8.12	-	3.17	5.01
190	Puri	5.60	1.01	4.16	4.10
191	Rudri Chowk	7.19	1.20	-	-
192	Sankra	4.87	1.20	3.22	4.24

193	Seadei		1.36	3.19	3.86
194	Shankarda	3.81	1.42	4.30	5.34
195	Sihawa	7.12	1.97	2.91	6.30
196	Singhpur	7.19	3.12	6.27	7.11
197	Tumribahar	5.30	1.70	2.70	4.82
District - DURG					
198	Andhiarkhor Pz I	12.00	-	-	-
199	Andhiyarkhor	12.90	2.29	6.49	7.20
200	Arjunda	4.50	2.12	4.57	4.58
201	Armarikalan	5.10	1.10	3.91	4.40
202	Arsnara	8.00	1.52	3.36	3.45
203	Baba Mohtara	6.90	1.52	3.44	3.84
204	Bahera	4.32	1.14	3.79	3.05
205	Baiji	1.20	1.02	2.57	4.56
206	Baklitola	5.50	1.24	5.94	6.20
207	Balod	11.50	1.91	3.19	4.35
208	Balod Gahan	3.16	1.10	3.30	4.64
209	Barhapur	11.08	1.55	-	5.10
210	Batera	4.22	1.02	2.51	3.34
211	Beeja	-	1.77	3.97	4.13
212	Bemetara New	12.60	2.02	-	-
213	Bhailai	4.62	1.22	2.87	5.20
214	Bhalukohna	4.68	1.08	-	-
215	Bharnabhat	8.35	1.62	3.22	3.28
216	Bhurki	8.00	1.84	4.52	5.12
217	Bijabhat	5.28	1.33	4.82	6.10
218	Binayakpur	2.70	1.56	4.24	5.20
219	Bitkuli	7.05	1.32	4.12	4.58
220	Bodal	7.10	0.49	4.34	6.08
221	Bortara	9.00	1.74	4.24	4.35
222	Chichalgondi	6.15	-	-	-
223	Chilphi	5.72	1.51	5.12	6.10
224	Chirchari	9.00	1.39	3.58	3.75
225	Dadhi	5.25	1.21	4.71	5.12
226	Danganiya	5.15	1.09	3.51	3.68
227	Darbarmukhli	3.05	1.03	2.84	2.93
228	Dargaon	3.95	1.37	3.89	3.98
229	Delli Rajhara	3.55	1.28	2.29	2.73
230	Dewada	1.85	0.58	2.12	2.53
231	Dhaba	5.45	1.41	3.31	4.03
232	Dhamda	-	1.87	-	-
233	Dondi	13.50	-	-	-
234	Dunra	13.20	1.64	11.92	11.98
235	Durg	2.72	1.93	2.66	5.05
236	Funda	5.10	0.64	2.98	4.43
237	Ganiyari	12.90	1.21	3.22	6.35
238	Gatapar	9.50	1.32	3.19	4.22
239	Girhola	17.05	1.52	4.72	5.70
240	Gunderdehi	4.87	0.45	3.04	6.07
241	Gurur	4.16	0.10	4.30	4.11
242	Jagtara	4.93	1.60	4.43	4.76
243	Jagtara New	5.11	-	-	-

244	Jamgaon	9.50	2.29		6.38
245	Janjgiri	2.55	1.21	3.71	4.25
246	Jata	13.00	4.39	7.24	7.77
247	Jatadah	4.50	1.24	2.57	3.12
248	Jeora	8.50	-	-	4.05
249	Jeora Sirsa	9.70	1.68	1.89	-
250	Jeortala	5.30	-	3.48	-
251	Jewari	15.00	2.37	4.42	5.15
252	Jhafra	-	0.69	2.43	3.10
253	Jhalam	9.00	1.44	4.90	5.22
254	Kachundur	4.40	1.11	3.65	-
255	Kalangpur	2.30	1.35	1.71	2.12
256	Karanja Bhilai	-	1.72	4.40	4.42
257	Karela	-	0.52	2.71	4.08
258	Kashi	2.55	0.72	2.67	3.35
259	Kharra	-	-	5.17	8.09
260	Kharra	5.02	0.72	1.72	2.75
261	Khati	8.00	2.42	4.81	6.43
262	Khilora	6.75	-	-	-
263	Khurmuri	8.85	1.79	4.67	6.22
264	Kodiya	7.55	1.81	6.50	7.43
265	Kuliya	4.05	0.65	0.95	3.37
266	Kumhli	-	1.20	3.29	6.45
267	Kusmi	9.90	1.49	5.21	5.83
268	Kusumkasa	8.06	2.19	2.35	5.08
269	Litia	9.55	0.76	9.76	10.20
270	Lohara	7.50	1.07	2.40	3.25
271	Machod	-	1.54	4.45	4.60
272	Markatola	6.76	2.18	4.70	6.50
273	Marra	10.80	0.82	2.30	3.18
274	Mohrenga	-	2.26	7.73	8.36
275	Motipur	2.70	0.36	3.60	-
276	Mouhabhata	8.30	1.63	4.29	4.68
277	Mudkhusra New	10.00	1.64	4.07	4.90
278	Mummunda	3.15	1.62	4.52	
279	Nagpura	9.55	1.53	2.64	5.30
280	Nahalda	7.75	1.74	-	-
281	Nawagarh Matapara	-	2.32	4.77	5.68
282	Nawagarh I	8.50	1.47	6.13	7.18
283	Nikum	-	1.23	3.71	5.78
284	Ninwa	10.30	1.67	8.36	9.15
285	Paplatola	8.70	-	-	-
286	Parpoda	12.35	2.63	5.57	5.77
287	Parpoda	3.90	2.63	-	-
288	Patan	2.70	1.28	2.84	6.30
289	Pathariya	9.00	1.73	3.94	4.49
290	Pendri	4.30	1.42	4.64	4.35
291	Powara	4.50	-	3.39	5.30
292	Rakhi Joba	11.50	4.47	3.19	3.08
293	Rampur Bhand	2.62	2.16	5.89	6.10
294	Ranka Pz I	35.60	-	-	-
295	Ravelidih	2.72	1.70	2.60	4.20

296	Sagona	6.40	0.32	2.59	3.25
297	Sambalpur	15.64	1.53	11.32	12.24
298	Sambalpur2	-	5.67	-	-
299	Sankara	11.00	-	-	4.15
300	Sankra	-	1.29	2.55	-
301	Sankri	9.40	6.10	7.23	7.44
302	Selud	-	0.73	4.23	5.25
303	Selud1	10.00	-	-	-
304	Selud2	6.80	3.18	-	-
305	Sikola	8.12	0.59	2.10	9.19
306	Sikosa	2.45	0.67	1.79	3.15
307	Talgaon	12.00	-	-	-
308	Tarkori	9.15	-	-	-
309	Tarra	12.00	0.82	2.51	2.75
310	Tarri	10.40	-	4.89	5.12
311	Temri	12.00	1.27	4.37	8.18
312	Umradah	8.75	1.14	4.05	4.08
313	Utai-Adarshnagar	1.40	-	1.12	2.82
314	Vinayakpur New	5.40	1.56	-	-
315	Zhit	2.10	0.61	2.39	5.30
District - JANJGIR - CHAMPA					
316	Adbhar	2.10	-	2.45	5.80
317	Afrid	7.50	3.10	-	6.10
318	Akaltara	6.40	1.35	1.47	2.49
319	Amora	7.61	-	-	3.11
320	Asonda	10.00	3.15	2.00	4.60
321	Baloda -r	14.61	-	-	-
322	Bamhani	15.30	2.00	11.85	12.90
323	Bamnidihi	6.87	5.30	-	5.50
324	Bhaiso	7.60	3.10	4.80	6.10
325	Budena	3.81	2.45	-	2.00
326	Champa	-	2.17	3.60	9.30
327	Dabra	5.67	4.40	2.08	2.80
328	Damau	7.90	4.70	5.30	7.10
329	Darrabhata	9.50	2.80	2.85	-
330	Dhardei	6.71	4.20	2.00	3.30
331	Dhurkot Nhs	9.07	3.70	3.10	4.30
332	Dongakahrod	3.09	2.60	1.80	2.19
333	Ghoghari	7.01	4.57	5.85	6.40
334	Hasoud	9.54	3.10	6.40	-
335	Jaijaipur	8.21	1.20	-	6.10
336	Jaijaipur D	9.61	-	5.66	-
337	Jairamnagar	8.35	1.85	7.60	8.90
338	Janjgir	7.01	3.19	4.80	6.10
339	Janjgir S	7.01	-	-	-
340	Jewara	5.55	3.87	5.10	4.80
341	Jhulan Pakariya	8.15	0.80	4.20	4.10
342	Kamrid	7.10	-	-	2.85
343	Kera	7.41	2.60	4.45	4.90
344	Khartal	4.73	4.10	3.47	2.80
345	Konargarh	6.35	-	-	3.90
346	Kosa	7.32	2.80	5.30	3.45

347	Lachhmanbhata	2.60	3.10	1.73	1.90
348	Latesara	5.60	-	-	2.45
349	Loharsi	6.09	1.15	1.70	7.30
350	Malkhroda	15.20	-	-	
351	Mehandi	7.91	3.80	3.00	6.70
352	Meubhata	7.94	1.90	3.02	4.30
353	Mudpar	6.79	-	--	
354	Mulmula	8.15	1.10	4.60	3.35
355	Nariyara	7.61	1.03	4.00	3.80
356	Negurdi	-	1.70	2.20	2.50
357	Oreker	2.67	2.05	2.00	2.10
358	Pamgarh	8.30	3.70	1.90	2.50
359	Sakti	8.61	1.20	1.85	2.30
360	Saliabhata	13.00	2.90	-	6.05
361	Saragaon2	6.01	3.40	-	-
362	Sasaha	6.80	2.56	4.44	5.50
363	Semra	13.20	2.20	5.17	7.10
364	Seorinarayan	10.80	5.30	9.70	9.90
365	Somthi	9.65	3.32	-	7.80
366	Thathari	4.54	1.90	-	2.70
367	Vyasnagar	8.00	--	-	-
District - JASHPUR					
368	Amatolli	3.90	1.30	-	2.58
369	Amdiha	5.10	1.60	2.84	2.74
370	Bagbahar S	14.50	-	-	-
371	Bagh Bahar	1.80	1.80	-	-
372	Bagicha	3.50	1.75	2.63	2.45
373	Balachhappar	11.50	1.55		4.52
374	Bandarchuwa	8.00	2.65	8.53	8.24
375	Bangaon	8.85	3.85	-	6.32
376	Bangaon	6.80	-	-	-
377	Bangaon B	7.20	3.20	5.24	5.33
378	Bangaon-B	-	2.70	3.82	4.19
379	Bataikela	8.10	3.50	4.63	4.41
380	Bewartoli	9.65	4.15	5.54	5.43
381	Binjapur	1.80	0.60	-	5.15
382	Budadand	-	1.10	2.31	2.22
383	Chariadand	9.00	3.00		5.21
384	Chhapartoli	6.00	1.80	2.43	2.12
385	Dhodidand	6.40	3.60	5.10	4.28
386	Dokra	5.70	2.05	3.16	3.39
387	Farsabahar	3.50	0.50	4.25	3.94
388	Farsakanhi	8.44	3.60	5.13	5.29
389	Fathepur	8.00	-	-	
390	Garibandh	-	3.60	4.52	4.37
391	Ghatmunda	8.30	4.50	6.06	4.43
392	Jakba	13.40	5.50	-	4.88
393	Jashpurnagar	8.90	2.90	-	6.56
394	Jharmunda	5.50	1.15	2.24	2.39
395	Kachhor	8.10	2.10	-	-
396	Kandaibahar	5.35	2.60	3.70	3.47
397	Kandora	7.80	2.10	4.00	3.81

398	Kanpoda	3.80	1.30	2.52	2.51
399	Kansabel	10.90	5.45	-	7.87
400	Kersai	5.30	2.15	5.50	4.63
401	Khutsera	5.95	2.00	4.25	4.17
402	Kotba	6.30	3.40	5.20	5.67
403	Kunjara	7.00	2.50	6.30	4.29
404	Kunkuri	4.70	2.60	4.00	3.51
405	Kunkuri S	18.07	1.40	-	8.71
406	Lavakera	8.70	3.90	7.20	7.58
407	Loro Bagicha	6.60	2.75	-	5.74
408	Ludeg	5.80	2.05	4.45	4.68
409	Mahuadiah	8.00	3.25	7.00	6.69
410	Maini	8.50	1.20	2.34	2.26
411	Matasi	6.60	2.90	4.00	3.94
412	Muskuti	6.80	2.30	4.12	3.87
413	Narayanbaheli	7.55	3.75	5.18	4.25
414	Narayanpur	8.00	2.95	4.00	2.12
415	Nawaguda	7.85	1.60	6.10	4.72
416	Palidih	8.75	9.25	-	--
417	Pandrapat (Kondapara)	3.85	-	-	-
418	Pathalgaon	12.50	10.20	11.65	11.58
419	Peta	7.75	3.60	4.62	4.37
420	Phooldih	4.50	1.35	3.54	3.37
421	Raikera	6.90	2.55	-	3.67
422	Raikera(Kunkuri)	8.20	2.10	4.00	3.92
423	Raoni	5.64	4.10	6.00	5.48
424	Rupsera	6.45	1.90	-	-
425	Sanna	14.00	8.00	-	-
426	Saraiyani	8.00	5.00	6.29	6.30
427	Sarkardih	6.50	1.80	-	-
428	Shabdmunda	8.60	3.80	4.61	1.87
429	Srishringa	7.50	2.55	6.80	6.49
430	Surangpani New	6.20	2.20	-	-
431	Tangargaon	8.70	2.30	4.00	3.87
432	Tapkara	9.35	3.10	7.50	6.48
District - KANKER					
433	Badal	-	3.80	-	6.03
434	Banupartappur	-	-	-	7.80
435	Bardebhata Kanker	-	-	-	6.41
436	Bhanbera	-	-	-	6.24
437	Badgao	8.90	-	-	-
438	Bodeli New	-	1.10	-	-
439	Chandeli	-	0.90	2.73	2.85
440	Devri	-	2.13	-	6.48
441	Dodhara Pahar	-	4.90	-	6.00
442	Dudhawa	-	-	-	5.12
443	Ghotia	-	-	-	7.00
444	Govindpur	6.81	1.25	-	4.02
445	Hinganjhar-Kumharpura	-	0.65	4.60	5.40
446	Jhipatota	-	0.47	5.20	4.85
447	Kachhe	-	-	-	5.26
448	Kanker	14.00	-	-	9.28

449	Korar	-	1.70	-	7.44
450	Kulgaon	6.05	1.25	3.28	5.61
451	Lakhanpuri	-	0.70	2.60	-
452	Machaandur	5.28	1.80	-	4.90
453	Mainpur	6.80	1.75	4.57	4.90
454	Markatola l	-	3.86	-	5.10
455	Murpar		-	-	5.19
456	Narharpur	-	5.60	-	7.40
457	Serkheda	-	-	-	4.80
458	Surhi	-	3.90	-	3.30
459	Tarasgaon	-	0.37	2.00	2.28
460	Urkura	2.61	2.34	5.30	5.50
District -KAWARDHA					
461	Banjari	5.30	1.25	4.08	5.45
462	Bharamdeo D	15.00	-	-	-
463	Bharamdeo S	14.00	-	-	
464	Bija Bairangi	8.07	2.19	4.79	7.25
465	Biroda	8.60	2.10	5.38	7.15
466	Bodla	7.70	1.20	4.04	6.04
467	Chilpi	9.55	2.39	6.57	9.20
468	Danganiya	10.06	0.84	3.79	7.29
469	Kapada	10.00	0.81	3.70	6.10
470	Kawardhal	5.30	-	9.26	10.12
471	Kharoda Kalan	8.00	1.56	4.79	7.83
472	Kui	5.30	1.02	3.12	5.03
473	Lohara-d PZ	7.80	3.34	9.74	10.48
474	Mahrajpur	2.80	1.52	-	-
475	Munmuna	9.10	0.84	2.84	4.33
476	Pandaria		-	2.71	3.53
477	Rajnanwagaon	5.52	1.05	3.74	5.19
478	Rengakharkhurd	10.03	0.91	3.21	7.80
479	Sahaspur lohara	5.03	1.26		6.15
480	Sahaspur Lohara.1		-	3.72	-
481	Saroda Dadar S	23.30	-	-	-
482	Uria Khurud	9.00	0.92	3.69	8.02
District -KORBA					
483	Amaldina	15.00	-	-	2.83
484	Bahanpath	7.50	3.38	-	
485	Baksahi	20.00	-	5.05	5.11
486	Banbandha	5.35	1.05	-	2.80
487	Bandhakhar	6.80	-	-	4.25
488	Barpali Junadhi	8.00	-	-	3.32
489	Basin	7.81	3.40	5.80	6.70
490	Batati Junction	10.30	-	-	-
491	Bhaisma	9.90	1.57	-	6.20
492	Chachiya	6.00	1.10	4.10	5.70
493	Chaitama	15.00	4.80	4.10	4.75
494	Champa Mode	5.65	1.55	4.05	4.10
495	Charmar	9.40	-	-	-
496	Churi	7.66	1.83	3.60	3.85
497	Dhegurdih Manzipara	9.40	3.20	4.90	6.60

498	Dhourabhata	4.64	-	6.06	-
499	Dumardih New	7.45	4.30	-	-
500	Dumarkachhar	-	2.80	-	6.11
501	Gajra	9.30	-	-	4.74
502	Gopalpur	8.17	1.40	5.60	5.60
503	Gurasiya	12.00	-	-	10.00
504	Gursia	8.00	-	-	-
505	Jamchuwa	9.50	-	9.20	5.20
506	Jatgan	11.40	5.06	7.40	8.70
507	Jhabar	8.32	-	-	-
508	Jogipali	10.40	-	-	5.12
509	Kartala	13.60	3.70	9.60	11.00
510	Kasania	7.30	3.05	-	4.21
511	Katghora	6.70	0.90	2.90	2.85
512	Kerwa	7.10	-	-	5.10
513	Khodri	3.80	1.30	-	2.50
514	Kolga	8.20	3.10	-	3.86
515	Korba	14.46	3.80	-	14.46
516	Korba New	-	-	-	8.00
517	Korbi	12.25	11.00	11.32	6.83
518	Kothari Naka	8.18	3.27	-	-
519	Kudmura	6.71	2.40	4.60	5.40
520	Kurtha New	11.20	7.46	7.93	8.90
521	Lakhanpur	9.40	2.32	5.20	6.35
522	Lamna	0.65	0.74	1.85	1.90
523	Lenga	9.12	4.00	6.30	7.10
524	Madai	7.95	-	-	-
525	Makhanpur	-	1.90	-	6.35
526	Morga	11.46	7.11	8.19	8.60
527	Mudiyandar	15.00	-	-	2.45
528	Mungadih	9.10	2.37	5.10	5.20
529	Nagai	11.76	6.10	8.60	9.90
530	Naktikhar	8.04	3.80	4.65	5.80
531	Naraibodh	7.50	1.20	-	6.70
532	Nawapara	5.50	0.83	2.90	3.32
533	Nonbirra	8.71	-	-	5.10
534	Nonbirra	8.20	-	-	6.18
535	Nonbirra New	13.20	-	-	5.10
536	Numera	12.15	3.56	-	6.15
537	Pali	10.25	4.55	2.80	-
538	Pasan	9.38	9.05	9.90	11.50
539	Pasarkhet	6.59	2.50	4.20	4.60
540	Pondi	4.10	1.97	3.90	4.35
541	Ponri	6.95	-	-	4.10
542	Purena	7.20	2.70	-	5.06
543	Rahadih	8.00	1.80	-	4.32
544	Rajkamma	8.71	3.27	4.05	4.80
545	Ramtarai Pz Ii	9.20	-	-	-
546	Ratija	7.50	-	-	-
547	Rewa	8.40	6.75	-	6.21
548	Rishdi	7.29	2.83	4.40	5.70
549	Sakdukala	8.51	4.53	6.50	6.70

550	Salihabhata	7.70	3.25	4.80	6.10
551	Sargundia	10.00	4.33	-	7.30
552	Sendripali	7.65	--	-	2.67
553	Shuklakhari	9.20	6.20	-	4.61
554	Sindhiya	9.20	6.20	4.80	-
555	Sutarra	9.05	2.60	5.10	6.05
556	Tikeja	10.50	1.20	4.20	6.30
557	Tuman	9.05	3.70	5.63	8.30
558	Tuman	11.50	-	-	-
559	Urga.1	7.04	2.60	4.65	3.90
District -KORIYA					
560	Akhradand	4.76	1.18	3.20	3.84
561	Ara	5.31	3.20	4.05	7.04
562	Baharsi.1	5.52	2.04	3.35	3.90
563	Baikunthpur	6.51	2.03	3.74	3.89
564	Banjaridad S	17.25	-	-	-
565	Banjaridand	3.95	0.89	3.18	3.30
566	Belbehra	7.27	4.12	5.88	7.25
567	Bhainswar	4.25	1.52	3.44	3.15
568	Biharpur	12.70	10.50	11.45	12.18
569	Bikrampur	6.14	2.74	3.97	3.54
570	Chainpur	9.25	3.18	6.45	6.59
571	Chharchha Basti	4.27	0.95	2.72	2.53
572	Chirmiri	-	7.10	7.70	7.88
573	Chutki	5.30	3.11	4.16	5.15
574	Dondki	6.27	2.18	5.10	5.58
575	Dumaria	-	0.65	2.50	-
576	Garundol	11.00	7.21	8.38	8.50
577	Ghugra	7.24	4.00	6.60	6.91
578	Girjapur	1.30	0.96	1.21	1.40
579	Jamgahana	6.50	0.90	4.11	2.82
580	Janakpur	6.31	2.95	4.17	5.25
581	Jilda	-	1.89	4.35	4.57
582	Kailashpur	4.78	1.93	3.98	4.31
583	Kelhari	9.10	3.43	7.00	10.21
584	Khadgaon	-	-	3.82	-
585	Khadgawan	6.61	1.62	-	4.80
586	Khatgori	3.99	0.80	3.29	3.50
587	Khodri	6.97	4.45	7.12	6.98
588	Kiwarpur	6.14	1.87	-	4.22
589	Manendragarh	1.30	0.90	1.19	1.10
590	Mansukha	10.70	5.64	2.75	8.15
591	Mendrakala	-	2.49	4.10	4.15
592	Mohra	4.58	2.83	4.20	4.81
593	Nagar Station	7.45	3.46	10.84	10.78
594	Nagar Tilwander New	7.41	2.05	6.05	-
595	Nagpur	7.34	2.13	6.48	8.57
596	Patna	6.47	5.94	6.75	6.24
597	Patrapali	-	3.17	5.14	5.32
598	Pendri	5.48	1.80	4.85	6.49
599	Piparia	7.57	1.24	7.30	7.61
600	Podidih	5.85	0.29	2.76	3.85

601	Pouri	6.17	3.02	4.81	4.70
602	Ranai	13.05	6.10	7.60	12.20
603	Rojhi	6.17	4.17	4.73	2.23
604	Sarbhoka	6.71	2.20	3.92	3.57
605	Shripur	-	3.16	4.20	2.64
606	Sonhat	2.87	1.21	2.34	2.28
607	Tarabahara	5.42	2.81	3.79	2.22
608	Tengri	5.21	0.90	3.65	6.45
609	Tilokhan	10.00	5.05	6.95	-
610	Ujjiyarpur		5.32	-	-
611	Ujjiyarpur1	9.71	-	7.82	8.24

District - MAHASAMUND

612	Amlor	5.14	1.35	3.18	-
613	Badesara	3.65	2.30	2.80	2.50
614	Bag bahera	10.22	-	-	-
615	Baldidih	4.35	0.96	3.05	8.34
616	Barbaspur	4.70	1.22	3.41	-
617	Basna	3.95	1.47	2.50	2.85
618	Basna S	22.00	-	-	--
619	Belsunda	8.86	1.53	-	2.92
620	Bhimkhoj	9.00	1.17	3.61	3.30
621	Boriya Jhar	2.80	1.26	3.51	2.30
622	Deori	3.40	1.80	2.60	7.80
623	Hadabandh	5.46	0.89	5.10	4.60
624	Jagdishpur	5.12	1.26	4.53	-
625	Jalki	0.72	0.72	3.12	-
626	Jhalap	4.71	1.37	4.58	0.73
627	Jhalkhamhariya	15.00	1.93	3.36	-
628	Jogidipa	9.10	1.71	5.58	7.30
629	Kanekera	4.42	1.20	2.60	2.17
630	Khallari	4.61	1.02	2.68	2.55
631	Kowajhar	2.90	1.33	2.96	3.20
632	Lakhanpur	8.40	1.65	4.20	-
633	Lavarakhurud	7.84	1.70	3.90	4.95
634	Mahasamund.1	13.40	2.75	4.70	5.26
635	Marban	5.66	1.27	5.19	-
636	Marod	6.00	1.56	3.42	-
637	Moulimuda	7.00	1.14	3.99	-
638	Palsipani	-	1.87	4.10	-
639	Pasid	7.12	1.51	3.30	10.30
640	Patsenduri	6.20	1.00	-	1.82
641	Sagrapali	6.54	-	4.18	-
642	Samhar	9.42	1.10	4.12	4.23
643	Saraipalli-S PZ	16.50	3.89	5.95	-
644	Sirpur	-	-	7.11	-
645	Suarmar	7.02	-	3.00	-
646	Tendukonda	4.82	1.38	2.19	4.35
647	Tumgaon	6.11	1.60	3.45	3.44

District -RAIGARH

648	Chhal	4.15	1.70	2.30	5.00
649	Amapali	9.00	4.40	6.55	6.40
650	Amgaon	10.30	7.70	-	-
651	Amlidih	7.30	2.85	7.00	7.00
652	Araimuda	4.80	1.65	4.25	-
653	Auranar	11.80	7.35	--	
654	Aurda	5.85	1.50	2.85	3.25
655	Bakaruma	11.00	8.80	8.95	8.45
656	Bamsjer	6.20	-	-	1.72
657	Bangursian	7.00	3.30		-
658	Baramkela	9.00	1.40	2.90	2.98
659	Barkaspali	8.00	1.55	2.98	3.12
660	Barpali	8.65	4.65	6.00	5.70
661	Bartapali	9.65	3.90	8.35	8.14
662	Bataupali	3.30	2.30	2.90	3.13
663	Bayasi	7.00	1.85	-	
664	Bhalumar	6.60	1.45	4.20	4.02
665	Bhangari	10.10	7.20	6.80	6.52
666	Bojia	7.20	2.50	4.30	3.94
667	Bonda	3.00	1.00	1.42	1.49
668	Boro	11.10	5.20	8.90	8.75
669	Chaple S	9.25	1.20	-	-
670	Chhind	5.15	1.46	3.50	3.59
671	Chimtapani	12.35	3.90	7.80	7.96
672	Chiraipani	9.90	3.05	7.30	7.59
673	Choranga	10.50	5.60	8.50	8.40
674	Chukimar		7.10	-	-
675	Damdarha	9.00	9.10	-	-
676	Derpani	3.80	1.60	2.30	1.58
677	Devgarh	7.25	4.40	5.00	5.38
678	Dharamjaigarh PZ	5.80	1.15	-	6.55
679	Dharamjaygarh	8.80	-	4.94	5.82
680	Dharmajaigarh	8.70	3.10	-	-
681	Duliamuda	9.30	6.15	9.10	9.26
682	Dumarpali	7.80	4.60	6.70	6.35
683	Durgapur		3.00	-	--
684	Edu	7.80	3.85	5.90	5.82
685	Farkanara	9.85	3.00	6.60	6.47
686	Futhamura		2.50	-	-
687	Gare Nhs	5.50	2.10	4.70	4.96
688	Gersa	6.40	3.00	6.10	5.92
689	Gerwani		5.20	8.15	8.52
690	Gharghoda	10.00	4.15	-	-
691	Gidha		-	-	6.20
692	Godam	0.70	0.50	-	3.42
693	Golabuda	9.90	5.60	8.90	8.13
694	Gosaidih		2.50	4.00	4.16
695	Hati	8.60	3.10		-
696	Hirri1	8.00	1.15	5.50	-
697	Jabga	10.80	7.60	10.00	9.57
698	Jamga Railway Station	4.35	1.30	-	--
699	Jamgaon	6.40	-	-	-

700	Jamgaon Basti	6.40	1.50	3.00	3.24
701	Jegarpur	10.50	5.15	8.50	8.33
702	Jhikipali	9.00	3.70	-	1.47
703	Kanakbira	-	6.50	9.80	12.20
704	Kandadand	9.00	2.15	4.00	3.90
705	Kapu	7.90	2.30	5.90	5.61
706	Kargipali Kargidipa	6.90	-	4.63	4.82
707	Karramarra	1.85	1.50	2.50	2.39
708	Katangdih	8.55	6.20	7.25	7.13
709	Kedar	4.55	1.55	3.20	3.18
710	Kerajhar	5.85	1.30	4.55	4.56
711	Kerigarhi		-	-	7.10
712	Khadgaon I	13.40	10.20	12.30	12.30
713	Khamhar	8.10	4.15	6.00	7.20
714	Kharasia S	7.62	12.10	5.24	10.71
715	Kharsia	3.00	1.85	3.30	3.25
716	Koknara	4.95	1.70	3.80	4.01
717	Koshmanda	2.65	1.75	2.60	2.71
718	Kotarliya	5.35	1.20	3.00	3.22
719	Kotra	2.00	1.10	1.60	1.64
720	Kotrimal	5.85	3.15	4.50	4.67
721	Kulhadhgaon	--	4.25	-	-
722	Kurekela	10.20	1.65	-	9.80
723	Kurmibhuna	8.20	2.50	5.00	4.87
724	Kushal Nagar	5.65	3.15	3.40	3.42
725	Lailunga	-	3.60	-	-
726	Lailunga I	9.70	-	7.73	6.88
727	Lakshmipur	4.30	3.10	4.20	4.20
728	Laripani	2.60	1.20	-	-
729	Lendhara	8.90	2.15	-	-
730	Libra		2.00	3.50	3.79
731	Lipti	6.85	2.20	4.90	4.56
732	Mahuapali	5.50	0.40	-	
733	Malda-B	9.95	2.65	4.00	
734	Milupara	11.20	2.80	10.50	10.88
735	Mumund	5.40	1.60	-	4.39
736	Navrangpur	3.60	1.50	-	-
737	Ongana	-	3.20	7.00	-
738	Ongana New	8.55	-	-	6.82
739	Padigaon	3.55	2.00	4.10	4.37
740	Pakargaon	4.60	1.10	5.00	5.24
741	Pindri	5.60	0.85	2.10	2.07
742	Pordahi	4.10	1.10	5.00	4.77
743	Raigarh	3.75	2.85	3.20	3.42
744	Rajpur. I	9.00	2.50	-	-
745	Rera	5.65	1.46	3.70	3.51
746	Salkhiya	7.30	4.80	7.50	7.20
747	Samaruma	7.00	3.65	5.30	5.68
748	Sambalpur New	4.20	1.55	-	-
749	Shahpur Colony	10.60	4.15	-	8.02
750	Sisinga	7.80	2.75	6.00	5.89
751	Surajgarh	8.80	2.80	6.00	6.54

752	Tadola	4.00	0.30	3.00	2.94
753	Tamnar	8.90	5.70	8.30	8.68
754	Taraimal 1.1	7.00	3.60	-	-
755	Taraimar	7.20	8.60	-	-
756	Tendumar	-	-	6.73	6.16
757	Tendumar New	6.90	3.15	-	-
758	Teram Dw	7.10	1.50	3.00	2.89
759	Tetla	2.60	1.20	1.90	2.00
District -RAIPUR					
760	Abhanpur	19.90	1.18	2.95	3.12
761	Amera	6.91	0.80	4.12	2.20
762	Amethi	4.41	1.38	4.11	-
763	Aouri	7.12	2.04	3.14	-
764	Arjuni	8.22	0.87	4.19	8.25
765	Bajrangpur	2.52	1.10	3.11	2.45
766	Baloda bazar	7.56	1.87	-	-
767	Baronda	8.52	1.51	5.25	7.35
768	Baruka	8.00	6.72	7.82	-
769	Bhatgaon	4.61	1.09	4.42	5.35
770	Bhatia	5.20	1.00	3.75	-
771	Bhatia	5.42	1.00	2.81	3.88
772	Biladi	7.10	1.36	2.78	8.85
773	Bilaigarh	3.73	1.56	4.11	-
774	Bindra nawagarh	-	1.56	3.41	-
775	Bitkuli	4.47	1.37	3.01	2.12
776	Chandi	5.11	0.97	3.61	5.57
777	Charauda	3.20	1.71	2.76	2.75
778	Charched	4.36	1.58	3.10	-
779	Chhura	5.24	1.40	3.30	4.23
780	Chicholi	4.21	0.68	3.08	3.36
781	Darchura	6.10	1.86	2.76	-
782	Devpuri	10.20	1.93	4.18	6.80
783	Devri	5.10	1.19	2.81	-
784	Devri	4.30	2.36	5.19	3.65
785	Devsundari	5.40	1.24	2.97	-
786	Dhabadih	6.38	0.72	3.16	4.90
787	Dhamarkhera	4.64	1.27	5.19	3.13
788	Dharsiwa	6.70	1.20	3.19	-
789	Dhawalpur	6.80	2.02	4.08	5.22
790	Dumartarai	5.40	1.23	3.61	6.80
791	Fingeshwar	5.80	--	3.12	-
792	Folghar	6.50	1.70	5.30	6.20
793	Gariaband	5.61	1.95	4.42	5.54
794	Gariabandh-s	15.31	4.79	-	-
795	Gariyaband-d	15.30	-	-	-
796	Ghivera	7.13	0.86	4.10	0.70
797	Godhi	7.11	0.96	4.10	11.10
798	Gohrapadar - 1	7.30	-	-	-
799	Gotiadih	4.71	0.91	2.45	-
800	Hadabandh	15.00	1.32	2.67	-
801	Haswa	5.91	0.98	2.87	-
802	Hathband		1.13	-	-

803	Jhariabara	3.70	1.10	2.30	3.85
804	Joba	6.50	1.81	3.62	-
805	Kanekera	4.42	-	-	-
806	Kanki	5.05	0.90	4.27	5.15
807	Kanki New	8.54		4.12	3.58
808	Kasarangi New	7.41	1.65	2.27	2.80
809	Kasdol	7.42	1.13	4.11	3.75
810	Kaseru	10.00	4.02	4.36	-
811	Kedar	-	1.02	2.88	-
812	Kendri	10.18	1.65	3.25	2.82
813	Khapri	8.10	1.51	4.36	7.71
814	Kharkhara	4.34	1.08	3.50	2.14
815	Kharora	9.23	1.76	4.20	6.88
816	Kirwai-Fokatpara Fingeshwar	8.60	1.36	3.18	-
817	Koma	8.00	-		
818	Kopra	5.91	1.10	4.11	1.12
819	Kurra	3.36	-	3.65	2.50
820	Kurru	5.30	0.74	4.20	-
821	Kurud	13.00	1.54	4.19	-
822	Lahaud	4.96	1.37	3.27	4.22
823	Lawan	5.13	1.07	3.22	-
824	Malgaon	2.74	2.42	4.17	2.95
825	Manabasti	6.18	1.47	3.45	3.65
826	Mandalpur	4.62	1.66	4.20	2.30
827	Mandhar	7.20	1.81	4.10	4.05
828	Mandirhasud	11.91	-	-	-
829	Math	4.00	1.16	3.35	3.76
830	Mudhipar	5.45	1.66	4.91	4.05
831	Navagaon	5.91	1.50	3.56	-
832	Nawagaon	6.36	1.38	3.11	4.20
833	Pahangaon	6.36	-	-	
834	Palari	8.56	1.15	3.11	3.92
835	Pandan Bhata	6.86	0.90	4.84	5.81
836	Panduka	3.64	1.30	4.60	2.10
837	Parsakhurd	4.12	1.36	3.37	3.32
838	Piperhatta	7.95	0.87	3.44	4.62
839	Pond	5.12	3.10	3.91	-
840	Raipur	3.44	-	-	5.15
841	Raita Satna Ni Para	7.19	1.25	2.76	9.10
842	Rajim	10.60	6.40	8.40	2.25
843	Ranisagar	3.12	1.32	3.46	5.20
844	Ravi Shankar University Raipur	5.86	2.65	4.50	-
845	Rawan	5.11	1.21	2.65	-
846	Risda	7.11	1.46	3.13	4.32
847	Sakara	4.41	1.05	5.14	-
848	Sandi	6.10	1.00	3.32	5.10
849	Saragaon	2.66	1.16	2.60	2.35
850	Sarkada	4.03	1.81	4.35	-
851	Sarsiwa	5.61	2.03	4.47	9.30
852	Sel	3.36	1.08	5.11	2.75

853	Semariya	10.65	1.71	3.41	3.37
854	Simga	3.45	0.66	3.31	1.92
855	Suhela	5.12	1.09	2.50	4.48
856	Sursabandha	8.10	-	3.23	5.20
857	Tarenga	6.28	0.61	3.26	-
858	Tarpongi	5.80	1.97	2.68	5.44
859	Tatibandh MVM	1.65	3.20	3.11	5.70
860	Tundei	5.68	-	-	2.85
861	Tundri	5.21	1.40	3.27	2.04
862	Udela	4.51	0.92	3.11	-
863	Umaria station	6.36	1.58	4.91	4.95
District -RAJNANDGAON					
864	Anjora	2.30	-	2.84	2.46
865	Badaitola	12.30	1.37	3.22	7.03
866	Baigatola	3.65	1.26	2.37	-
867	Bandha Bazar	4.60	-	-	-
868	Bhaistara Bhatapara	9.05	1.09	-	5.85
869	Bharritola	8.15	1.33	3.33	7.19
870	Bhorampur	8.00	1.19	3.97	6.18
871	Bitejhar	7.50	-	-	-
872	Bori	1.75	1.64	2.68	2.40
873	Boriatibhu	12.00	-	-	-
874	Chhuria	14.00	-	-	-
875	Chichola	-	1.37	4.12	6.45
876	Chilhathi	10.60	-	-	-
877	Chinohola	10.45	1.29	3.47	3.45
878	Chirchhari	4.20	1.54	4.28	4.35
879	Chuikhadan	7.48	-	-	-
880	Devkatta	-	-	-	8.19
881	Dewada	5.08	1.21	3.04	3.65
882	Dhaneli	8.45	3.36	5.72	7.22
883	Dhara	8.50	1.21	3.84	6.15
884	Dhobedand	7.50	-	-	-
885	Dongargaon.1	7.00	1.04	2.62	5.35
886	Dongargarh	4.20	1.18	4.67	4.03
887	Gandaipandaria	6.30	-	9.32	10.00
888	Gandatola	9.50	-	-	-
889	Gidhwah	8.50	1.55	4.11	6.40
890	Govindpur	8.00	1.54	4.26	4.30
891	Jalbanda	4.50	-	3.21	5.23
892	Jangalpur	-	-	-	7.37
893	Joratarai	7.00	-	3.29	6.20
894	Kalyanpur	5.50	1.29	3.88	5.50
895	Khairagarh	7.80	2.87	5.92	8.03
896	Khursipar	15.20	1.27	2.97	4.45
897	Kokpur-I	7.65	-	-	-
898	Kumarda.1	8.20	-	-	-
899	Lal bhadurnagar	8.66	1.81	5.01	8.78
900	Madrakuhi	5.10	1.52	4.84	6.32
901	Maladabri	6.20	-	4.42	7.39
902	Manpur	9.50	-	-	-
903	Manpur1 PZ	8.50	-	-	-

904	Mohala	12.40	-	-	-
905	Mohgaon	1.30	1.46	5.49	7.45
906	Muretitala	9.10	-	-	-
907	Narmada	5.20	1.26	5.51	7.43
908	Nawagaon	7.60	0.89	-	-
909	Pailimeta	-	1.34	5.72	-
910	Patewa	8.00	1.33	4.18	6.48
911	Pipariya	12.00	1.34	5.27	7.89
912	Rajnandgaon	3.40	1.29	2.61	4.35
913	Rajnandgaon-S PZ	12.60	4.49	8.19	9.08
914	Ramatola	10.15	1.44	3.92	5.23
915	Rangkathera	4.60	1.42	4.99	7.79
916	Ranitarai	8.10	1.27	2.67	4.84
917	Ravagahan	4.10	1.34	3.24	4.64
918	Reevadih	5.70	1.63	3.43	7.58
919	Reevagaon	10.50	1.07	3.71	6.35
920	Sahaspur Dalli	10.25	1.51	5.52	8.07
921	Salgapat	8.32	1.66	4.87	5.33
922	Salhe Bara	10.53	1.91	4.31	5.55
923	Saloni	12.20	-	-	-
924	Singhola	2.00	1.29	1.47	4.03
925	Somni	7.20	1.28	2.62	5.15
926	Sundara	7.05	1.33	2.62	5.13
927	Talagaon	13.00	1.52	4.18	7.23
928	Talai	11.40	-	2.94	5.42
929	Tappa	11.60	1.72	4.52	7.37
930	Uperwahi	2.60	1.29	-	-
931	Uraidabritola	10.30	1.16	3.91	6.17
District -SURGUJA					
932	Abhaypur	6.77	2.11	4.39	4.32
933	Alkadih	4.60	2.44	3.73	3.94
934	Ambikapur	7.17	2.48	4.59	-
935	Amdih	4.38	2.81	4.38	7.48
936	Amgachi	3.47	1.02	2.49	1.85
937	Bachwar	5.85	5.30	4.90	4.74
938	Badsara	7.85	2.99	4.70	7.88
939	Baghima	4.22	1.01	2.58	3.10
940	Bandana	8.36	4.55	7.69	7.24
941	Banshipur	10.39	8.15	9.62	9.81
942	Bario		3.19	4.90	2.85
943	Basin	7.50	-	-	-
944	Batauli Kunkurikala	2.02	1.05	2.62	2.70
945	Batauli S	8.71	-	-	-
946	Belkota	8.00	2.84	5.66	6.28
947	Bhadar	6.18	5.50	5.25	5.05
948	Bhediya	9.50	5.12	9.62	7.54
949	Biharpur	9.96	5.34	6.68	8.56
950	Bishrampur	9.50	2.93	-	5.52
951	Bulga	4.09	0.92	2.10	5.24
952	Chaimpur	4.78	1.07	1.84	1.59
953	Chandora	6.20	1.73	6.15	5.84
954	Chatakpur	5.17	2.11	4.05	4.11

955	Chilma Kala		4.06	5.25	6.51
956	Dalbahara	3.00	1.00	2.10	3.16
957	Dandgaon	5.52	2.40	-	4.20
958	Dandgaon Koltapara	9.52	1.81	3.97	7.52
959	Darhora	7.30	-	7.65	7.39
960	Darima	7.62	2.67	6.15	6.72
961	Dawankera	7.10	1.29	4.94	5.13
962	Deonagar	7.45	1.75	3.97	5.22
963	Dhaurpur	6.45	1.26	4.11	6.06
964	Dhaurpur S	8.69	5.60	6.52	-
965	Dhondha	-	2.59	6.05	6.49
966	Dwarikanagar	5.82	1.84	3.15	3.40
967	Fulkona	2.69	1.20	2.35	2.38
968	Ganeshpur	9.15	3.19	4.42	8.12
969	Gangapur	6.84	3.81	9.44	9.58
970	Ghorghadi	6.90	3.05	5.18	5.25
971	Gonda	6.55	2.65	6.28	6.47
972	Jagannathpur	1.20	1.09	3.31	3.74
973	Jagatpur Podipara	10.43	4.16	6.00	8.62
974	Jajga	7.98	6.93	7.18	8.40
975	Jaynagar	9.33	7.13	8.19	8.87
976	Jhasi	10.20	-	-	-
977	Kakalo	8.89	1.36	5.93	8.85
978	Kalyanpur	7.72	2.30	4.82	5.01
979	Kamleswarpur	17.10	3.42	7.41	12.70
980	Kanakpur	9.70	3.60	5.17	5.72
981	Karajwar	9.06	3.37	7.50	7.71
982	Karji	4.01	1.55	3.70	4.34
983	Katarouli Harrapara	7.00	2.16	4.31	5.20
984	Khandapara	5.59	1.90	3.15	4.10
985	Krishnapur Kalwa	7.67	3.76	8.05	8.07
986	Kunni	8.51	5.39	7.61	7.73
987	Lakhanpur	3.05	1.20	2.30	2.18
988	Lundraa	7.56	2.65	5.24	7.18
989	Madanpur	-	3.18	5.46	5.81
990	Mahewa	7.82	-	5.15	5.30
991	Majeera	8.45	3.18	4.13	4.88
992	Makanpur	7.96	2.34	6.70	6.89
993	Nagadand	13.27	2.41	12.43	13.95
994	Narayanpur	9.80	4.38	8.23	8.46
995	Narsinghpur	-	2.47	7.37	6.11
996	Nawapara	7.70	2.20	5.14	6.07
997	Newara	3.50	0.92	2.32	6.81
998	Odigi	7.20	3.20	4.85	5.80
999	Pachira	7.04	2.48	4.22	4.16
1,000	Parasrampur	7.34	3.44	5.38	6.57
1,001	Parsa	9.20	3.50	7.98	7.40
1,002	Parsagudi		4.64	4.89	8.34
1,003	Pasta	6.09	3.12	6.15	6.53
1,004	Pasta S	9.35	-	-	
1,005	Podi	6.59	1.92	3.85	4.10
1,006	Pratappgarh	7.21	4.21	5.90	6.15

1,007	Pratappur	12.00	5.00	8.52	9.00
1,008	Premnagar	13.65	8.95	11.36	12.45
1,009	Premnagar D	21.76	-	-	-
1,010	Rajpur	12.32	2.00	6.79	7.59
1,011	Rajpurikhurd	5.18	1.05	2.79	2.24
1,012	Ramanuj nagar	12.00	4.14	7.33	10.24
1,013	Reonti	11.35	7.18	10.28	10.76
1,014	Samouli	8.46	4.87	5.18	6.62
1,015	Sargaon	5.97	3.10	3.95	4.13
1,016	Sargawan	-	-	-	5.10
1,017	Sedam	7.57	6.81	7.90	7.92
1,018	Shivnagar	11.85	6.34	7.88	8.53
1,019	Silsila	10.00	2.30	4.78	4.27
1,020	Singhitana	9.15	5.13	8.60	9.15
1,021	Sirsi	7.97	3.10	5.40	6.11
1,022	Sitapur New	-	3.16	-	-
1,023	Sitapur-d	9.93	3.94	6.86	7.42
1,024	Songara	15.00	8.09	8.69	8.92
1,025	Sontarai	4.97	1.31	3.79	3.50
1,026	Sotipara Bhaingamunda	3.65	1.23	5.05	4.62
1,027	Sumerpur	7.50	3.12	5.13	5.69
1,028	Surajpur	6.38	3.14	5.54	6.33
1,029	Tara	15.44	-	13.02	13.68
1,030	Taraa	9.80	-	-	-
1,031	Udaipur	8.89	3.52	8.14	5.94
1,032	Udaipur Dhah	5.69	1.96	5.08	4.95
1,033	Udaipur-d	16.44	9.80	11.50	12.68
1,034	Udaipur-s	14.68	9.56	8.80	10.15
1,035	Wadrafnagar	11.53	7.41	8.34	8.81

Water Quality of National Hydrograph Monitoring Stations 2018-19

Annexure III

Sr no	District	Block	Village	Lon	Lat	pH	EC	CO3	HCO3	Cl	SO4	F	TH	Ca	Mg	Na	K	PO4	Si
1	Balod	Gunderdehi	chichalgondi	81.25816	20.95432	7.87	453	0	198	46.15	8.9	0.44	135	34	12	13.1	1.8	0	6
2	Balod	Gurur	Chirchari	81.340885	20.70243	7.78	312	0	138	28.4	8.6	0.81	135	28	15.6	11	10	0	7
3	Balod	Durg	Danganiya	81.28693	21.01167	7.49	1304	0	108	259.15	101.9	0.14	520	112	57.6	54	2	0	12
4	Balod	Sanjari Balod	Gujara	81.13174	20.66768	7.65	675	0	198	85.2	43.1	0.59	225	44	27.6	70.2	1.5	0	15
5	Balod	Balod	Jatadah	81.0709	20.7486	7.78	502	0	246	28.4	14.9	1	115	28	10.8	80.4	1	0	23
6	Balod	Balod	Jagtara	81.1275	20.7395	7.94	412	0	216	10.65	31.5	0.47	105	22	12	59.9	2.85	0	12
7	Balod	Gunderdehi	Kalangpur	81.3375	20.9055	7.51	720	0	138	113.6	17.8	0.49	190	44	19.2	81	5.9	0	8
8	Balod	Doundi- lohara	Mudkhusara	81.1195	20.8454	7.44	500	0	132	71	20	0.47	180	54	10.8	35.8	7.1	0	10
9	Balod	Gurur	Tarri	81.37968	20.701527	7.61	1101	0	156	163.3	86	0.24	300	64	33.6	91	48	0	19
10	Balodabazar	Balodabazar	Bhangaon	82.2083	21.64	7.1	377	0	183	25	13	0	155	46	10	18	1	0	9
11	Balodabazar	Simgha	Hadabandh	81.8417	21.6289	7.2	388	0	183	28	15	0	175	48	13	17	1	0	9
12	Balodabazar	kasdol	Charched	82.4583	20.6333	7.2	387	0	183	28	13	0.3	185	44	18	18	1	0	9
13	Balodabazar	Balodabazar	Rawan	21.788	81.4616	7.2	397	0	177	25	13	0.3	170	36	19	18	1	0	9
14	Balodabazar	Simga	Udela	81.85	21.6083	7	981	0	226	124	81	0.2	380	116	22	53	2	0	7
15	Balodabazar	Simga	Hathband	81.825	21.6297	7.2	390	0	183	28	12	0.3	175	42	17	18	1	0	9
16	Balodabazar	Kasdol	Temri	82.4113	21.5758	7.1	464	0	195	25	13	0.3	190	38	23	18	1	0	9
17	Balodabazar	Balodabazar	Amera	82.1781	21.5947	7.3	471	0	183	28	13	0.3	195	36	25	18	1	0	9
18	Balodabazar	Kasdol	Aouri	82.2667	21.4208	7.2	473	0	189	28	12	0.3	195	40	23	17	1	0	9
19	Balodabazar	Balodabazar	Arjuni	82.0653	21.6917	7.1	898	0	329	103	35	0.4	330	84	29	52	21	0	12
20	Balodabazar	Balodabazar	Baloda bazar	82.1667	21.6556	7.2	894	0	317	103	35	0.4	325	74	34	52	26	0	12
21	Balodabazar	Bilaigarh	Tundri	82.6434	21.6493	7.1	514	0	195	28	12	0.3	205	38	26	17	1	0	9
22	Balodabazar	Bilaigarh	Bhatgaon	82.8122	21.6536	7.1	925	0	342	107	35	0.4	335	82	31	51	23	0	12
23	Balodabazar	Pallari	Bhatia	82.401	21.8896	7.1	810	0	220	124	38	0.4	355	82	36	29	1	0	11
24	Balodabazar	Balodabazar	Bitkuli	82.2311	21.6608	7.2	470	0	183	28	12	0.3	195	40	23	17	1	0	9
25	Balodabazar	Bilaigarh	Bilaigarh	82.725	21.6375	7.1	892	0	317	103	35	0.4	315	66	36	52	25	0	12
26	Balodabazar	Balodabazar	Chandi	82.0425	21.6192	7.1	924	0	226	117	81	0.2	345	122	10	52	2	0	7
27	Balodabazar	Simga	Damakheda	81.7597	21.7008	7.5	718	0	226	57	89	0.2	330	76	34	17	3	0	7
28	Balodabazar	Simga	Darchura	81.7903	21.7136	7.3	670	0	262	25	88	0.2	285	66	29	18	2	0	6
29	Balodabazar	Kasdol	Haswa	82.5611	21.6875	7	914	0	207	121	88	0.2	335	114	12	52	2	0	7

30	Balodabazar	Palari	Devsundri	82.068	21.5222	7.1	764	0	189	121	37	0.3	310	82	25	29	1	0	10
31	Balodabazar	Balodabazar	Dhabadih	81.8726	21.2671	7.2	845	0	287	103	34	0.3	265	74	19	51	23	0	12
32	Balodabazar	Kasdol	Kasdol	82.4333	21.6167	7	804	0	207	124	37	0.3	355	80	37	29	1	0	11
33	Balodabazar	Simga	Khapri	81.9708	21.65	7.1	856	0	293	99	35	0.4	275	74	22	50	24	0	12
34	Balodabazar	Palari	Kodwa	82.0836	21.4744	7.2	849	0	287	103	34	0.3	305	70	31	51	22	0	12
35	Balodabazar	Balodabazar	Lahoud	82.2583	21.6542	7.1	884	0	317	103	34	0.4	295	80	23	50	24	0	12
36	Balodabazar	Balodabazar	Lawan	82.3417	21.6389	7.2	869	0	299	99	34	0.4	305	76	28	50	24	0	12
37	Balodabazar	Bilaigarh	Marban Gatadih	82.9172	21.5598	7	845	0	281	103	33	0.3	280	76	22	50	24	0	12
38	Balodabazar	Kasdol	Mudhipar	82.2833	21.4667	7.1	868	0	299	107	33	0.4	295	72	28	51	24	0	12
39	Balodabazar	Balodabazar	Risda	82.1325	21.6253	7.1	873	0	305	99	33	0.4	300	74	28	50	24	0	12
40	Balodabazar	Bilaigarh	Sarsiwa	82.9167	21.625	7.2	847	0	293	99	32	0.4	270	68	24	50	23	0	11
41	Balodabazar	Kasdol	Sel	82.4915	21.6522	7	966	0	238	121	84	0.1	360	122	13	50	2	0	6
42	Balodabazar	Simga	Simga	81.7042	21.625	7.3	690	0	250	21	119	0.4	310	60	38	18	2	0	6
43	Balodabazar	Simga	suhela	81.9739	21.6158	7.1	864	0	165	121	90	0.1	310	102	13	50	2	0	7
44	Balodabazar	Bhatapara	Tarenga	81.8861	21.75	7	308	0	85	46	6	0.2	75	16	8	25	6	0	5
45	Balodabazar	Simga	Tatibandh MVM	81.7906	21.715	6.9	299	0	79	46	5	0.1	80	14	11	25	6	0	5
46	Balodabazar	Palari	Sandi	82.075	21.45	7.1	580	0	220	64	17	0.4	220	52	22	33	1	0	10
47	Balodabazar	Balodabazar	Arjuni-s	82.0594	21.6975	7.04	618	0	195	71	34	0.2	240	68	17	34	2	0	15
48	Balrampur	Rajpur	Alkadih	83.4603	23.3908	7.45	260	0	109.8	25	6	0.0	115	32	8	3	3	0	6
49	Balrampur	Shankargarh	Bachwar	83.57555556	23.30083333	7.37	718	0	323.3	25	19	0.1	335	80	32	7	5	0	8
50	Balrampur	Rajpur	Bhadar	83.50861111	23.33305556	7.37	706	0	378.2	25	18	0.0	335	78	34	6	5	0	8
51	Balrampur	Rajpur	Ghorghadi	83.4606	23.3401	7.46	248	0	112.3	21	6	0.3	105	32	6	6	4	0	12
52	Balrampur	Rajpur	Karji	83.352	23.3139	7.43	259	0	115.9	18	4	0.0	115	34	7	3	3	0	5
53	Balrampur	Wadrafnagar	Mahewa	83.09166667	23.81388889	7.55	359	0	195.2	21	10	0.2	155	34	17	13	12	0	11
54	Balrampur	Rajpur	Rajpur	83.40416667	23.3375	7.36	176	0	91.5	7	3	0.1	60	18	4	11	2	0	26
55	Balrampur	Balrampur	Pasta	83.53555556	23.44805556	7.5	257	0	115.9	21	3	0.1	115	30	10	3	3	0	6
56	Balrampur	Rajpur	Rajpur	83.40416667	23.3375	7.28	318	0	115.9	28	15	0.0	130	30	11	10	2	0	28
57	Balrampur	Shankargarh	Sargaoa	83.5562	23.3071	7.15	180	0	61.5	14	13	0.2	55	18	2	11	2	0	26
58	Balrampur	Wadrafnagar	Wadrafnagar	83.19583333	23.76666667	7.01	407	0	85.4	43	3	0.1	100	8	19	43	3	0	9
59	Bastar	Keshkal	Keskal	81.5944	20.0889	7.01	340	0	122	39	nd	0.92	140	38	11	18	1.42	0	36
60	Bastar	Kondagaon	Joba	81.7556	19.4361	6.88	1016	0	226	142	42	0.46	345	58	48	57	1.83	0	23

61	Bastar	Bastar	Bhanpuri	81.8319	19.3306	6.89	250	0	98	14	10	0.63	90	30	3.6	13	0.83	0	24
62	Bastar	Kondagaon	Borgaon			6.92	243	0	122	14	0	0.32	105	28	42	6.4	3.03	0	5
63	Bastar	Jagdalpur	Jagdalpur	82.0278	19.0861	6.99	495	0	195	28	0	0	210	48	22	10	0.64	0	10
64	Bastar	Londigura	Chirakot	81.715047	19.19714	6.94	357	0	171	11	7	0.32	150	26	20	19	3.59	0	10
65	Bastar	Jagdalpur	Kumharwand	81.9583	19.0958	7.04	265	0	122	7	8	0	100	32	4.8	10	0.39	0	6
66	Bastar	Londigura	Usri bera	81.77531	19.1628	6.98	301	0	134	21	5	0.21	135	40	8.4	5.4	1.03	0	9
67	Bastar	Keshkal	Chapra Bhanpuri	81.836367	19.360288	6.97	326	0	134	28	6	0.31	130	38	8.4	14	0.6	0	8
68	Bastar	Jagdalpur	Markel	82.1472	19.0639	6.89	497	0	238	21	0	0.21	230	60	19	11	0.64	0	5
69	Bastar	Jagdalpur	Bastar	81.9361	19.2014	6.91	300	0	146	21	0	0.2	140	44	7.2	7.2	0.6	0	4
70	Bastar	Pharasgaon	Jaitpuri	81.6764	19.6736	6.86	308	0	159	14	0	0	110	32	7.2	7.3	0.51	0	5
71	Bastar	Baster	Farsaguda	81.78102	19.3466	7.01	292	0	110	28	nd	0	115	36	6	13	0.39	0	9
72	Bastar	Pharasgaon	Lanjora	81.6542	19.7208	7.08	1182	0	183	213	31	0.31	480	96	58	28	1.31	0	30
73	Bastar	Pharasgaon	Pharasgaon	81.6375	19.8583	6.84	442	0	98	64	12	0	180	40	19	28.4	3.4	0	32
74	Bastar	Kondagaon	Chikalphuti	81.6652	19.5769	7.01	573	0	171	71	16	0.21	240	56	24	33	2.3	0	36
75	Bastar	Bastar	Sonarpal	81.8916	19.2604	6.76	335	0	183	14	nd	0.15	165	52	8.4	3.7	1.24	0	16
76	Bemetara	Bemetara	Baba Mohtara	81.58923	21.71532	7.67	696	0	156	35.5	149	0.32	260	88	9.6	42	5.1	0	10
77	Bemetara	Bemetara	Bahera	81.48264	21.76282	7.5	872	0	162	39.05	122	0.52	340	74	37.2	42	12	0	12
78	Bemetara	Bemetara	Baiji	81.51499	21.76238	7.65	346	0	144	24.85	16	0.52	130	30	13.2	18	1.8	0	5
79	Bemetara	Dhamdha	Barhapur	81.28801	21.45882	7.69	284	0	90	42.6	10	0.03	115	34	7.2	11	1.5	0	4
80	Bemetara	Bemetara	Bhurki	81.2233	21.7088	7.53	1919	0	156	159.75	548	0.64	710	140	86.4	140	1.5	0	9
81	Bemetara	Bela	Bijabhat	81.55344	21.65885	7.5	1038	0	180	124.25	144	0.05	260	70	20.4	90	110	0	8
82	Bemetara	Bemetara	Chilphi	81.46651	21.87573	7.48	2160	0	156	188.15	602	0.33	850	206	80.4	148	18.3	0	13
83	Bemetara	Bemetara	Dunra	81.485	21.690	7.61	970	0	180	24.85	268	0.43	325	62	40.8	78.1	3.1	0	9
84	Bemetara	Bemetara	Jhalam	81.4612	21.8409	7.43	2130	0	120	71	831	0.37	1100	350	54	9.5	5.8	0	11
85	Bemetara	Saja	Jata	81.3053	21.6683	7.75	473	0	186	14.2	32	0.85	215	44	25.2	9.3	11.8	0	8
86	Bemetara	Bemetara	Khilora	81.52992	21.68336	7.53	1401	0	90	31.95	518	0.84	550	146	32.4	91.7	6.9	0	9
87	Bemetara	Bemetara	Kusmi	81.4272	21.7041	7.85	348	0	150	24.85	25	0.48	160	34	18	20.1	4.1	0	8
88	Bemetara	saja	Mouha bhata	81.26	21.5997	7.75	437	0	216	21.3	24	0.34	180	32	24	28.3	4.5	0	10
89	Bemetara	Saja	Ninwa	81.46407	21.68186	7.67	515	0	162	17.75	95	0.5	150	48	7.2	46	2.2	0	8
90	Bemetara	Berla	Parpoda	81.2106	21.5889	7.56	560	0	216	31.95	21	0.45	245	50	28.8	20.4	4.3	0	9
91	Bemetara	Bemetara	Pendri	81.6219	21.7088	7.4	342	0	144	31.95	13	0.5	95	24	8.4	32.1	5.1	0	7

92	Bemetara	Bemetara	Fari	81.3308	21.6327	7.76	400	0	156	31.95	13	0.24	200	44	21.6	8.9	1.14	0	11
93	Bemetara	Saja	Rakhi (Joba)	81.2983	21.4866	7.61	464	0	162	39.05	11	0.34	225	50	24	8.5	0.85	0	11
94	Bemetara	Berla	Sondh	81.46555556	21.81305556	7.77	551	0	180	46.15	30	1.9	215	50	21.6	19.4	0.2	0	9
95	Bemetara	Saja	Suwartala	81.2411	21.6669	7.54	740	0	114	60.35	117	0.23	305	72	30	28.5	0.9	0	18
96	Bemetara	Berla	Rampur (Bhand)	80.713838	21.073408	7.55	1220	0	222	102.95	214	0.64	370	72	45.6	116.1	2.4	0	10
97	Bemetara	Saja	Barga	81.43888889	21.725	7.71	1038	0	180	21.3	280	0.1	410	82	49.2	47.5	1.7	0	14
98	Bemetara	Bemetara	Birsinghi	81.50166667	21.96722222	7.72	900	0	72	131.35	68.2	0.12	280	72	24	47.1	3.9	0	11
99	Bemetara	Bemetara	Dadhi	83.42123	22.07825	7.68	1049	0	246	60.35	180	0.43	425	96	44.4	44.5	3.3	0	12
100	Bemetara	Saja	Khurusbod	81.46333333	21.81472222	7.52	430	0	240	14.2	9.13	0.14	175	50	12	24.86	0.09	0	23
101	Bemetara	Saja	Muswadih	81.3	21.59166667	7.57	313	0	192	10.65	3.99	0.01	135	40	8.4	13.04	0.47	0	10
102	Bemetara	Saja	Nawagaon	81.25	21.66388889	7.44	449	0	180	53.25	5.42	0.1	105	26	9.6	49.78	2.47	0	24
103	Bemetara	Bemetara	Ninawa	81.4641	21.6819	7.58	594	0	197	24.8	29.17	0.4	145	32	15.6	34.24	5.95	0	6
104	Bemetara	Saja	Piparia	81.22555556	21.70416667	7.38	264	0	150	10.63	4.2	0.1	115	24	13.2	5.54	0.96	0	7
105	Bemetara	Saja	Rano	81.19583333	21.53055556	7.39	692	0	150	31.95	82.1	0.2	240	62	20.4	30.35	5.04	0	8
106	Bemetara	Bemetara	Sahaspur	81.2875	21.53611111	7.31	2040	0	120	17.95	879	1.1	990	292	62.4	41.51	2.21	0	8
107	Bemetara	Saja	Tipni	81.35194444	21.80777778	7.33	2040	0	114	17.75	824	0.1	960	304	48	43.61	2.27	0	8
108	Bilaspur	Bilha	Dagauri	82.0706	21.8939	7.27	1772	0	586	78	252	0.2	560	192	19	153	12	0	7
109	Bilaspur	Bilha	Bartoli	82.1475	21.8797	7.51	1229	0	464	91	62	0.2	480	108	50	37	29	0	8
110	Bilaspur	Bilha	Sawti	82.0753	21.5416	7.55	712	0	329	21	44	0.1	310	64	36	25	2	0	7
111	Bilaspur	Bilha	Bohardi	82.0801	21.564	7.64	668	0	329	28	18	0.4	310	68	6	14	1	2	9
112	Bilaspur	Bilha	Bitkuli	82.0499	21.9464	7.31	1044	0	342	57	85	0.2	490	116	48	21	1	0	8
113	Bilaspur	Bilha	Bilha	82.086	21.9585	7.29	758	0	354	35	25	0.2	340	68	41	21	4	0	8
114	Bilaspur	Bilha	Hirri	82.05	21.9708	7.27	446	0	317	35	48	0.3	330	64	41	20	3	2	7
115	Bilaspur	Bilha	Chakarbhata	82.12472222	22.00111111	7.36	639	0	305	28	32	0.2	320	68	36	12	1	0	8
116	Bilaspur	Takhatpur	Ganiyari	82.048388	22.193844	7.46	504	0	268	14	13	0.3	240	44	31	14	1	0	9
117	Bilaspur	Takhatpur	Neora	81.93166667	22.2125	7.53	518	0	256	7	20	0.0	240	64	19	11	1	0	9
118	Bilaspur	Kota	Kota(kargi)	82.025	22.2889	7.21	1063	0	329	106	44	0.2	360	96	29	67	2	0	10
119	Bilaspur	Kota	Kota(kargi)	82.025	22.2889	7.39	2340	0	732	35	176	0.5	1020	312	58	31	3	0	9
120	Bilaspur	Takhatpur	Pendari	82.046027	22.11384	7.36	668	0	232	28	80	0.3	310	84	24	26	1	0	12
121	Bilaspur	Takhatpur	Khamharia1	81.9875	22.1222	7.3	1216	0	451	21	140	0.4	520	140	41	55	1	0	10
122	Bilaspur	Takhatpur	Jaroundha	81.5644	22.1535	7.26	1641	0	415	35	216	0.3	650	208	31	61	2	0	8

123	Bilaspur	Takhatpur	Khapri	81.9708	21.65	7.13	2260	0	769	64	144	0.5	770	176	79	135	3	0	10
124	Bilaspur	Takhatpur	Takhatpur	81.5139	22.081	7.34	1080	0	403	35	120	0.2	400	80	48	89	2	0	11
125	Bilaspur	Mungeli	Khamaria	81.84346	22.06952	7.42	1826	0	610	92	115	0.5	590	156	48	85	77	0	16
126	Bilaspur	Mungeli	Surada	81.67024	22.08683	7.29	844	0	427	14	45	0.2	340	60	46	50	1	0	15
127	Bilaspur	Mungeli	Kanteli.1	81.65	22.1528	7.53	598	0	293	28	15	0.3	240	52	26	32	2	0	12
128	Bilaspur	Takhatpur	Udaypur	81.75444444	22.2725	7.13	751	0	366	43	24	0.2	325	72	35	40	0.4	0	6
129	Bilaspur	Kota	Tenduwa	81.8833	22.2542	7.12	595	0	293	28	22	0	280	60	31	17	7	0.7	7
130	Bilaspur	Bilaspur	Matiyari	82.25868	22.12598	7.22	745	0	305	35	50	0.2	190	44	19	77	3.4	0.5	10
131	Bilaspur	Bilaspur	Bhadrapara	82.33575	22.1615	7.52	734	0	293	35	56	0.4	200	36	26	74	3.4	0.5	11
132	Bilaspur	Takhatpur	Sipat	82.2792	22.1458	7.32	752	0	305	35	55	0.5	200	36	26	78	3.3	0.1	12
133	Bilaspur	Takhatpur	Sipat	82.2792	22.1458	7.08	1011	0	464	71	44	0.2	490	128	41	28	0.5	0	26
134	Bilaspur	Takhatpur	Kuli	82.416072	22.142392	7.11	808	0	305	43	40	0	330	72	36	26	1.2	0	27
135	Bilaspur	Takhatpur	Bamhani	82.4481	22.0844	7.11	800	0	317	57	44	0.2	350	76	38	28	0.5	0	27
136	Bilaspur	Takhatpur	Baloauda-1			7.15	1435	0	342	206	65	0.2	530	84	77	85	1.4	0	14
137	Bilaspur	Takhatpur	Baloauda			7.16	1417	0	329	206	100	0.2	500	100	60	87	1.4	0	13
138	Bilaspur	Takhatpur	Akaltara1	82.4222	22.0264	7.27	430	0	305	206	65	0.3	520	96	67	89	1.4	0	14
139	Bilaspur	Takhatpur	Akaltara	82.4222	22.0264	7.24	418	0	238	14	5	0.5	200	52	17	12	0.5	0	5
140	Bilaspur	Masturi	Tikari (Sadak Para)	82.2677	21.9913	7.4	997	0	220	135	82	0.4	360	64	48	55	6.1	0.7	11
141	Bilaspur	Masturi	Malhar	82.2858	21.8914	7	603	0	268	43	14	0	240	60	22	38	2.5	0	12
142	Bilaspur	Masturi	Bakarkuda	82.269481	21.918983	6.9	599	0	268	50	13	0.2	245	60	23	38	1	0	11
143	Bilaspur	Masturi	Binauri	82.26655	21.86013	7.05	602	0	281	43	13	0.2	250	48	31	37	2.5	0	10
144	Bilaspur	Masturi	Chilhathi	82.3136	21.7794	7.04	603	0	281	35	14	0.2	230	68	14	37	2.6	0	11
145	Bilaspur	Masturi	Masturi	82.2677	21.9913	7.09	608	0	244	43	12	0.2	260	64	24	36	2.5	0	10
146	Bilaspur	Masturi	Koni	82.2383	21.9819	7.16	561	0	256	57	9	0.4	235	56	23	18	0.5	0	25
147	Bilaspur	Masturi	Panchpedi	82.27	21.82805556	7.19	591	0	281	50	11	0.2	270	48	36	36	2.4	0	14
148	Bilaspur	Bilha	Bilaspur (Hemunagar)	82.1864	22.0533	7.25	680	0	293	35	32	0.2	300	80	24	22	1.7	0	13
149	Bilaspur	Masturi	Kohronda	82.3549	21.9276	7.23	471	0	244	14	12	0.2	230	44	29	17	1.3	0	12
150	Bilaspur	Masturi	Bothidih	82.2427	21.9908	7.28	231	0	85	21	6	0.1	75	16	8.4	8.1	2	0	8
151	Bilaspur	Masturi	Shri para	82.0058	22.21	7.29	681	0	305	28	30	0.2	300	68	31	22	1.8	0	14
152	Bilaspur	Bilha	Dagauri	81.20898655	23.09624999	7.18	597	0	244	50	11	0.2	230	44	29	36	2.5	0	13
153	Bilaspur	Bilha	Bartoli	81.21260676	23.09888515	7.08	450	0	232	14	10	0.5	180	44	17	31	0.6	0	11

154	Bilaspur	Bilha	Sawti	81.21622697	23.1015203	6.92	754	0	220	99	34	0.4	340	96	24	27	0.5	0	13
155	Bilaspur	Bilha	Bohardi	81.21984719	23.10415546	7	760	0	244	71	35	0.4	320	92	22	27	0.5	0	14
156	Bilaspur	Bilha	Bitkuli	81.2234674	23.10679062	7.18	591	0	244	71	12	0.4	240	52	26	26	2.5	0	15
157	Bilaspur	Bilha	Bilha	81.22708761	23.10942577	7.2	625	0	268	43	11	0.2	240	48	29	26	2.4	0	14
158	Bilaspur	Bilha	Hirri	81.23070783	23.11206093	7.31	600	0	244	50	10	0.7	270	64	26	18	0.5	0	25
159	Bilaspur	Bilha	Chakarbhata	81.23432804	23.11469609	7	609	0	305	43	9	0.7	280	68	26	35	2.4	0	14
160	Bilaspur	Takhatpur	Ganiyari	81.23794825	23.11733125	7.02	467	0	256	14	8	0.5	210	72	7.2	17	1.3	0	13
161	Bilaspur	Takhatpur	Neora	81.24156847	23.1199664	7.04	480	0	256	14	12	0.4	225	52	23	17	1.3	0	14
162	Bilaspur	Kota	Kota(kargi)	81.24518868	23.12260156	7.17	559	0	244	43	12	0.4	260	60	26	18	0.5	0	34
163	Bilaspur	Kota	Kota(kargi)	81.24880889	23.12523672	6.94	761	0	244	92	23	0.4	360	96	29	28	0.6	0	24
164	Bilaspur	Takhatpur	Pendari	81.2524291	23.12787188	7.02	660	0	305	50	18	0.2	310	78	34	22	1.1	0	26
165	Bilaspur	Takhatpur	Khamharia2	81.25604932	23.13050703	7.06	643	0	293	28	44	0	300	64	34	22	1.1	0	25
166	Bilaspur	Takhatpur	Jaroundha	81.25966953	23.13314219	7.27	561	0	250	43	13	0.3	270	52	34	17	0.5	0	34
167	Bilaspur	Takhatpur	Khapri	81.26328974	23.13577735	7.15	452	0	244	14	12	0.4	210	12	43	17	0.5	0	18
168	Bilaspur	Takhatpur	Takhatpur	81.26690996	23.1384125	7.12	230	0	98	21	6	0	105	24	11	8.4	2	0	12
169	Bilaspur	Mungeli	Khamaria	81.27415038	23.14368282	7.6	455	0	195	14	32	1.5	150	40	12	39	1	0	42
170	Bilaspur	Mungeli	Surada	81.3067323	23.16739923	7.16	419	0	183	14	3	0.7	160	32	19	12	6.3	0	17
171	Bilaspur	Mungeli	Kanteli.2	81.31397273	23.17266955	7.01	466	0	73	106	24	0	90	24	7.2	69	11.2	0	20
172	Bilaspur	Takhatpur	Udaypur	81.33931422	23.19111565	7.1	528	0	220	14	46	0	200	36	26	25	7.2	0	13
173	Bilaspur	Kota	Tenduwa	81.34655465	23.19638596	7.29	352	0	195	14	5	0.2	160	32	19	14	1.5	0	23
174	Bilaspur	Bilaspur	Matiyari	81.35017486	23.19902112	7.28	336	0	171	7	14	0.2	120	20	17	25	2.2	0	2
175	Bilaspur	Bilaspur	Bhadrapara	81.35379507	23.20165628	7.3	448	0	195	21	42	0	180	56	9.6	31	2.4	0	24
176	Bilaspur	Takhatpur	Sipat	81.35741529	23.20429144	7.29	597	0	256	21	18	0.2	210	36	29	32	0.2	0	20
177	Bilaspur	Takhatpur	Sipat	81.3610355	23.20692659	7.13	556	0	244	14	65	0.5	255	80	13	25	4.2	0	19
178	Bilaspur	Takhatpur	Kuli	81.36465571	23.20956175	7.15	86	0	37	7	0	0	35	8	3.6	2.3	0.9	0	8
179	Bilaspur	Takhatpur	Bamhani	81.36827593	23.21219691	7	68	0	37	35	0	0	30	8	2.4	2	2.6	0	4
180	Bilaspur	Takhatpur	Baloauda	81.37189614	23.21483206	7.13	609	0	232	50	47	0.3	260	72	19	31	2.4	0	22
181	Bilaspur	Takhatpur	Baloauda	81.37551635	23.21746722	7.27	340	0	183	7	7	0.3	150	40	12	14	1.6	0	18
182	Bilaspur	Takhatpur	Akaltara	81.37913657	23.22010238	7.4	638	0	281	14	80	0.21	280	92	12	25	6.9	0	25
183	Bilaspur	Takhatpur	Akaltara	81.38275678	23.22273754	7.7	592	0	244	35	32	0.35	210	52	19	36	4.6	0	27
184	Bilaspur	Masturi	Tikari (Sadak Para)	81.4153387	23.24645395	7.12	150	0	61	7	23	0	60	12	7.2	11	0.8	0	22

186	Bilaspur	Masturi	Bakarkuda	81.42257912	23.25172427	7	146	0	49	7	13	0	50	12	4.8	11	0.9		20
187	Bilaspur	Masturi	Binauri	81.42619934	23.25435942	6.88	705	0	244	43	46	0	270	76	19	27	2.3	0.05	36
188	Bilaspur	Masturi	Chilhathi	81.42981955	23.25699458	7.17	423	0	207	14	4	0.37	130	32	12	32	1.1	0	38
189	Bilaspur	Masturi	Masturi	81.43343976	23.25962974	7.28	316	0	159	14	3.8	0	100	28	7.2	12	28	0	14
190	Bilaspur	Masturi	Koni	81.43705998	23.26226489	7.2	67	0	24	7	11	0.76	40	8	4.8	2.3	0.9	0	21
191	Bilaspur	Masturi	Panchpedi	81.44068019	23.26490005	7.01	147	0	49	7	25	0.93	55	16	3.6	11	0.8	0	17
192	Bilaspur	Bilha	Bilaspur (Hemunagar)	81.4443004	23.26753521	7.1	783	0	317	92	0	0.1	340	80	34	31	2.2	0	23
193	Bilaspur	Masturi	Kohronda	81.44792062	23.27017037	7.06	730	0	256	71	26	0.92	300	72	29	31	2.2	0	26
194	Bilaspur	Masturi	Bothidih	81.45154083	23.27280552	7.13	168	0	61	14	10	0.72	80	20	7.2	5.4	0.4	0	21
195	Bilaspur	Masturi	Shri para	82.0058	22.21	7.02	417	0	195	14	32	0.52	90	24	7.2	32	0.9	0	28
196	Bilaspur	Bilha	Dagauri	81.46240147	23.280711	7.34	885	0	232	99	49	0.21	250	68	19	64	49	0	10
197	Bilaspur	Bilha	Bartoli	81.46602168	23.28334615	7.34	887	0	244	99	14	0.2	270	64	26	63	45	0	13
198	Bilaspur	Bilha	Sawti	81.46964189	23.28598131	7.26	239	0	122	21	0	0	110	24	12	9.7	5.5	0	12
199	Bilaspur	Bilha	Bohardi	81.47326211	23.28861647	7.2	185	0	37	39	11	0	70	20	4.8	9.7	7.7	0	11
200	Bilaspur	Bilha	Bitkuli	81.47688232	23.29125162	7.05	147	0	73	14	0	0	65	12	8.4	2.3	7.6	0	14
201	Bilaspur	Bilha	Bilha	81.48050253	23.29388678	7.02	128	0	61	14	0	0	55	12	6	3.6	6.6	0	15
202	Bilaspur	Bilha	Hirri	81.48412275	23.29652194	6.82	196	0	73	28	0	0	90	16	12	4.1	6.2	0	14
203	Bilaspur	Bilha	Chakarbhata	81.48774296	23.2991571	6.96	100	0	37	7	9.6	0	50	16	2.4	2.7	0.4	0	15
204	Bilaspur	Takhatpur	Ganiyari	81.49136317	23.30179225	7.01	310	0	122	28	19	0.2	150	20	24	6.2	6.2	0	10
205	Bilaspur	Takhatpur	Neora	81.49498339	23.30442741	7.06	153	0	85	7	0	0.2	75	16	8.4	1.5	2.7	0	12
206	Bilaspur	Kota	Kota(kargi)	81.4986036	23.30706257	7.03	98	0	49	7	0	0.7	100	12	17	1.3	0.8	0	15
207	Bilaspur	Kota	Kota(kargi)	81.50222381	23.30969772	7.3	375	0	207	7	15	0	150	20	24	11	26	0	4
208	Bilaspur	Takhatpur	Pendari	81.50584403	23.31233288	7.15	513	0	183	64	0	0.2	165	28	23	25	49	0	14
209	Bilaspur	Takhatpur	Khamharia3	81.50946424	23.31496804	7.28	300	0	171	14	0	0	110	28	9.6	7.7	26	0	10
210	Bilaspur	Takhatpur	Jaroundha	81.51308445	23.3176032	7.3	114	0	61	7	22	0	55	16	3.6	1.8	1.6	0	13
211	Bilaspur	Takhatpur	Khapri	81.51670467	23.32023835	7.16	550	0	220	43	12	0	240	32	38	18	37	0	4
212	Bilaspur	Takhatpur	Takhatpur	81.52032488	23.32287351	7.12	450	0	183	35	14	0	210	44	24	11	9.7	0	12
213	Bilaspur	Mungeli	Khamaria	81.52756531	23.32814383	7.01	120	0	67	7	0	0	60	16	4.8	2.1	2.1	0	14
214	Bilaspur	Mungeli	Surada	81.56014722	23.35186024	7.05	1294	0	244	220	60	0.4	380	84	41	142	3.1	0	12
215	Bilaspur	Mungeli	Kanteli.3	81.56738765	23.35713055	7.2	402	0	207	21	5	0.2	180	56	9.6	15	4.3	0	18
216	Bilaspur	Takhatpur	Udaypur	81.59272914	23.37557666	7.27	624	0	305	35	18	0.2	275	72	23	32	1	0	16

217	Bilaspur	Kota	Tenduwa	81.59996957	23.38084697	7.18	585	0	220	57	9.6	0	260	80	14	7	0.6	0	13
218	Bilaspur	Bilaspur	Matiyari	81.60358978	23.38348213	7.35	412	0	195	28	7.6	0	200	40	24	10	2	0	14
219	Bilaspur		Bhadrapara	81.60720999	23.38611728	7.03	1378	0	244	248	100	0	610	128	70	70	4.1	0	15
220	Bilaspur	Takhatpur	Sipat	81.61083021	23.38875244	7.34	228	0	128	14	0	0.34	110	24	12	8.5	1.1	0	18
221	Bilaspur	Takhatpur	Sipat	81.61445042	23.3913876	7.2	484	0	244	21	15	0	190	40	22	30	0.9	0	17
222	Bilaspur	Takhatpur	Kuli	81.61807063	23.39402276	7.21	233	0	49	50	0	0	80	16	9.6	19	7	0	16
223	Bilaspur	Takhatpur	Bamhani	81.62169085	23.39665791	6.99	1201	0	207	213	79	0.44	410	16	29	89	4.7	0	14
224	Bilaspur	Takhatpur	Baloauda	81.62531106	23.39929307	7.53	646	0	305	43	24	0.46	250	64	22	47	1.1	0	18
225	Bilaspur	Takhatpur	Baloauda	81.62893127	23.40192823	7.4	449	0	220	28	20	0.42	185	44	18	26	1.3	0	18
226	Bilaspur	Takhatpur	Akaltara	81.63255149	23.40456339	7.31	660	0	317	35	25	0.21	210	56	17	69	4	0	16
227	Bilaspur	Takhatpur	Akaltara	81.6361717	23.40719854	7.07	730	0	183	78	74	0.22	270	88	12	44	0.4	0	10
228	Bilaspur	Masturi	Tikari (Sadak Para)	81.66875362	23.43091496	7.27	758	0	220	106	27	0.31	330	80	31	29	1.2	0	10
229	Bilaspur	Masturi	Malhar	81.67237383	23.43355011	7.12	1898	0	329	298	128	0.33	610	136	65	135	8.7	0	13
230	Bilaspur	Masturi	Bakarkuda	81.67599405	23.43618527	7.43	592	0	293	35	11	0.32	250	60	24	34	1.1	0	11
231	Bilaspur	Masturi	Binauri	81.67961426	23.43882043	7.23	1348	0	268	163	92	0.31	430	100	43	53	65	0	14
232	Bilaspur	Masturi	Chilhati	81.68323447	23.44145559	7.49	900	0	354	85	42	0.3	320	84	26	28	89	0	12
233	Dhamtari	Kurud	Aouri	81.4801	21.1686	7.1	621	0	159	89	44	0	250	64	20	33	1	0	7
234	Dhamtari	Nagri	Arjuni	82.1197	20.2282	7.3	616	0	140	89	48	0	215	66	12	34	1	0	7
235	Dhamtari	Sihawa (Nagri)	Arsi-kanhar	82.0792	20.2458	7.2	754	0	232	114	8	1	285	80	20	37	2	0	29
236	Dhamtari	Nagri	Amali	82.0353	20.3221	7.1	647	0	165	89	48	0	235	72	13	34	1	0	7
237	Dhamtari	Magarload	Banraud	81.6583	20.5958	7	925	0	183	178	33	0	295	84	20	54	9	0	22
238	Dhamtari	Sihawa (Nagri)	Banspani	81.7917	20.3667	7.3	595	0	256	57	14	1	195	44	20	53	1	0	7
239	Dhamtari	Magarload	Baspara(Kukrel)	81.6507	20.6131	7.3	666	0	293	57	12	1	220	52	22	53	1	0	7
240	Dhamtari	Kurud	Bhatagaon	81.7003	20.8783	7.5	588	0	122	124	32	0	165	46	12	63	1	0	8
241	Dhamtari	Sihawa (Nagri)	Birgudi	81.8625	20.3222	7.1	732	0	98	163	38	0	255	76	16	46	2	0	24
242	Dhamtari	Magarload	Budaraon	81.9047	20.723	7.2	562	0	183	60	18	1	155	34	17	45	2	0	8
243	Dhamtari	Dhamtari	Marradev	81.5682	20.6295	7.2	521	0	281	18	5	0	100	10	18	61	9	0	9
244	Dhamtari	Dhamtari	Chhati	81.6667	20.7792	7.1	934	0	171	57	17	1	110	22	13	60	9	0	8
245	Dhamtari	Kurud	Dandesara	81.6317	20.8127	7.1	569	0	183	60	19	1	140	26	18	61	2	0	8
246	Dhamtari	Kurud	Darba	81.68	20.9615	7.3	565	0	177	60	18	1	135	24	18	59	2	0	8
247	Dhamtari	Sihawa (Nagri)	Dorgardula	81.9111	20.4056	7.3	755	0	98	181	38	0	225	74	10	60	9	0	23

248	Dhamtari	Sihawa (Nagri)	Dugli	81.8708	20.4917	7.1	828	0	110	195	39	0	245	70	17	59	9	0	23
249	Dhamtari	Nagri	Farsiya	82.0353	20.3221	7.4	714	0	122	124	13	1	195	54	14	45	2	0	32
250	Dhamtari	Kurud	Gadadih	81.6931	20.8219	7.2	577	0	287	21	5	0	135	28	16	47	16	0	10
251	Dhamtari	Dhamtari	Gangrel	81.5583	20.6346	7.1	625	0	122	124	13	1	175	54	10	59	9	0	30
252	Dhamtari	Abhanpur	Ghatapara	81.766	22.6416	7.4	666	0	128	121	14	1	195	54	14	58	1	0	32
253	Dhamtari	Sihawa (Nagri)	Gattasilli	81.8028	20.4436	7.4	777	0	98	185	38	0	235	68	16	62	1	0	23
254	Dhamtari	Sihawa (Nagri)	Keregaon	81.7375	20.5486	7.3	605	0	104	181	38	0	250	72	17	59	1	0	24
255	Dhamtari	Dhamtari	Khadadaha	81.6933	20.5733	7.3	758	0	104	178	38	0	230	62	18	59	9	0	23
256	Dhamtari	Nagri	Kouhabahara	81.8575	20.4916	7.1	807	0	92	181	39	0	245	74	14	59	9	0	23
257	Dhamtari	Kurud	Kondapar	81.725	21.0042	7.3	535	0	177	57	18	1	120	26	13	58	1	0	8
258	Dhamtari	Kurud	Kosmarra	81.5986	20.8597	7.2	728	0	92	170	38	0	215	64	13	59	9	0	23
259	Dhamtari	Kurud	Kurud	81.7189	20.8275	6.7	562	0	177	60	18	1	135	24	18	59	2	0	8
260	Dhamtari	Nagri	Kumhada	81.577	20.5684	6.9	608	0	177	99	35	0	240	72	11	39	1	0	19
261	Dhamtari	Nagri	Lilanj	82.053	20.2919	7	316	0	79	46	10	0	65	14	7	27	17	0	6
262	Dhamtari	Magarload	Magarload	81.8583	20.7472	7.1	553	0	183	60	19	1	130	28	14	58	2	0	8
263	Dhamtari	Kurud	Marod	81.6889	20.9028	7.3	574	0	183	60	18	1	140	30	16	58	2	0	8
264	Dhamtari	Sihawa (Nagri)	Mechka (sondur)	82.087	20.2337	7	597	0	128	121	14	1	195	54	14	45	2	0	30
265	Dhamtari	Kurud	Mega	81.8005	20.7833	7.1	530	0	177	57	18	1	140	28	17	59	2	0	8
266	Dhamtari	Magarload	Mulgaon	81.9062	20.6783	7.2	547	0	177	60	18	1	140	24	19	57	1	0	8
267	Dhamtari	Sihawa (Nagri)	Nagri	81.9583	20.3333	7	757	0	104	178	38	0	215	70	10	58	9	0	23
268	Dhamtari	Dhamtari	Rudri chowk	81.415	20.6109	6.9	652	0	140	121	14	1	215	58	17	45	2	0	32
269	Dhamtari	Sihawanagri	Sankra	82.0076	20.2625	7.1	686	0	134	121	13	1	235	54	24	44	2	0	30
270	Dhamtari	Dhamtari	Shankarda	81.4492	20.622	6.9	586	0	122	117	13	1	180	50	13	44	2	0	31
271	Dhamtari	Dhamtari	Seadei	81.6347	20.6359	7.2	590	0	116	121	15	1	175	54	10	44	2	0	30
272	Dhamtari	Sihawa (Nagri)	Sihawa	81.9125	20.3083	7.1	609	0	122	124	13	1	185	52	13	44	2	0	30
273	Dhamtari	Magarload	Singhpur	81.8778	20.5819	7.3	745	0	159	131	47	0	175	48	13	67	27	0	13
274	Dhamtari	Nagri	Tumribahar	81.9595	20.3477	6.9	327	0	92	50	10	0	65	16	6	27	17	0	6
275	Dhamtari	Kurud	Chataud	81.725	21.0042	6.99	511	0	146	50	42	1	190	28	29	38	2	0	18
276	Dhamtari	Sihawa	Murrumsilli	81.6428	20.5306	7.01	622	0	183	50	52	0	230	64	17	31	2	0	16
277	Durg	Dhamdha	Ahiwara	81.4167	21.3611	7.2	512	0	138	60.4	31	0.1	200	66	8.4	18.7	4.1	0	9
278	Durg	Bemetara	Andhiyarkhor	81.5975	21.8383	7.3	762	0	240	39.1	125	0.2	240	44	31.2	56.5	0.6	0	15

279	Durg	Gunderdehi	Arjunda	81.2056	20.9431	7.5	468	0	150	42.6	31	0.1	115	36	6	35	21.7	0	5
280	Durg	Gurur	Armari kalan	81.4014	20.8333	7.3	766	0	150	127.8	15	0.2	315	90	21.6	18.7	0.2	0	10
281	Durg	Ahrwar	Arasnara	81.343306	21.311389	7.4	375	0	174	14.2	21	0.1	165	42	14.4	12.1	21.7	0	8
282	Durg	Bemetara	Ashoga	81.55	21.9639	7.4	377	0	168	24.9	3	0.5	155	40	13.2	10.7	0.2	0	9
283	Durg	Sanjari Balod	Baklitola	81.08983	20.69939	7.31	804	0	150	113.6	49	0.6	245	52	27.6	56.5	0.2	0	33
284	Durg	Dondi Lohara	Batera	81.0642	20.7806	7.7	356	0	60	53.3	14	0.1	125	30	12	19.5	8.7	0	8
285	Durg	Dondi Lohara	Bhalukonha	81.05305556	20.74416667	7.6	369	0	204	10.7	12	0.7	135	22	19.2	19.5	1.7	0	17
286	Durg	Dondi Lohara	Bharnabhat	80.9972	20.8875	7.3	262	0	108	21.3	4	0.5	110	34	6	5.9	0.9	0	12
287	Durg	Durg	Bhilai	81.4139	21.2072	7.5	605	0	150	60.4	45	0.1	190	66	6	43	1.8	0	5
288	Durg	Durg	Binayakpur	81.26666667	21.05555556	7.6	508	0	240	28.4	18	1.8	105	22	12	62.6	0.8	0	15
289	Durg	Bemetara	Bitkuli	81.6675	21.775	7.6	395	0	132	32.0	43	0.4	130	24	16.8	28	3.6	0	11
290	Durg	Saja	Bortara	81.22222222	21.64166667	7.4	1250	0	186	142.0	202	0.4	445	76	61.2	84.8	1.8	0	9
291	Durg	Bemetara	Dadhi	81.475	21.8958	7.4	687	0	192	39.1	103	0.3	195	56	13.2	49.7	2	0	9
292	Durg	Patan	Darbarmukhli	81.4805	20.9926	7.3	589	0	168	71.0	24	0.3	225	44	30	31.4	3.9	0	25
293	Durg	Dhamdha	Dargaon	81.3944	21.4917	7.3	856	0	228	35.5	156	0.7	315	60	39.6	45	2	0	8
294	Durg	Sanjari Balod	Delli Rajhara	81.0778	20.5861	7.4	434	0	240	17.8	5	0.3	200	34	27.6	11.3	0.1	0	8
295	Durg	Patan	Dewada	81.49722	21.07044	7.5	355	0	150	28.4	8	0.4	150	46	8.4	5	0.9	0	18
296	Durg	dhamda	Dhaba	81.4969	21.279	7.4	553	0	198	60.4	22	0.4	205	48	20.4	27.4	1.2	0	1
297	Durg	Durg	Durg	81.275	21.1917	7.35	543	0	150	60.4	53	0.3	155	42	12	39.5	3.8	0	6
298	Durg	Patan	Funda	81.4833	21.0764	7.36	506	0	96	67.5	34	0.2	185	54	12	20	0.2	0	6
299	Durg	Durg	Ganiyari	81.2139	21.2153	7.48	664	0	108	113.6	46	0.1	210	52	19.2	29.8	6.4	0	9
300	Durg	Saja	Gatapar	81.2139	21.5667	7.9	307	0	108	21.3	16	0.5	130	34	10.8	5.1	1	0	8
301	Durg	Dhamdha	Girola	81.43805556	21.39166667	7.4	1063	0	48	191.7	15	0.4	405	146	9.6	8.3	0.2	0	10
302	Durg	Durg	Janjgiri	81.30888889	21.085	7.3	1345	0	102	252.1	100	0.5	375	102	28.8	51.8	132.4	0	18
303	Durg	Berla	Jeora	81.3064	21.2564	7.3	824	0	78	142	44	0.1	205	68	8.4	82.7	15.9	0	10
304	Durg	Durg	Kachandur	81.2969	20.9789	0	0	0	0	0	0	0	0	0	0	0	0	0	0
305	Durg	Patan	Kashi	81.49688	21.03572	7.34	664	0	132	92.3	34	0.5	245	74	14.4	28	0.1	0	14
306	Durg	Bemetara	Khati	81.4375	21.7778	7.32	1892	0	120	35.5	749	0.4	820	304	14.4	68.8	0.1	0	15
307	Durg	Patan	kharra	81.54693	20.98091	7.3	1726	0	114	17.75	598	0.2	625	152	58.8	103	3.7	0	11
308	Durg	Patan	Khurdmudi	81.6139	21.7125	7.5	441	0	210	21.3	15	0.6	125	20	18	35.7	0.2	0	8
309	Durg	Dhamdha	Kodiya	81.35394	21.35855	7.4	649	0	84	134.9	0.16	0.1	225	60	18	27.3	3.3	0	6

310	Durg	Sanjari Balod	Kusumkasa	81.0806	20.6417	7.5	425	0	216	17.75	6	0.6	140	40	9.6	30	0.5	0	16
311	Durg	Dhamdha	Litia	81.2062	21.3501	7.4	622	0	90	113.6	22	0.5	260	58	15.6	28.5	0.01	0	10
312	Durg	Patan	Marra	81.4583	21.0375	7.4	787	0	132	159.75	19	0.5	195	40	22.8	65.3	0.3	0	12
313	Durg	Patan	Motipur	81.5458	21.1667	7.3	657	0	90	95.85	48	0.2	250	70	18	17.8	0.7	0	9
314	Durg	Dhamda	Murmunda	81.463	21.3091	7.7	893	0	210	124.25	26	0.2	210	58	15.6	76.3	55.2	0	11
315	Durg	Dondi Lohara	Nahalda	81.0514	20.9333	7.5	540	0	162	74.55	14	0.2	150	40	12	39.1	9.7	0	10
316	Durg	Bemetara	Nawagarh.1	81.6083	21.9083	7.5	1681	0	114	67.45	532	0.2	660	176	40.8	91.5	1.7	0	14
317	Durg	Durg	Nagpura	81.226387	21.24906	7.38	1610	0	114	358.55	106	0.96	600	140	60	48	32	0	11
318	Durg	Saja	Parpoda	81.4014	21.5881	7.86	539	0	240	56.8	10.01	0.71	130	16	21.6	68	1.2	0	9
319	Durg	Patan	Patan	81.55	21.0333	7.87	575	0	228	31.95	31.2	0.5	150	24	21.6	68.4	1.2	0	10
320	Durg	Dhamdha	Pathariya	81.36388889	21.4	7.63	623	0	132	106.5	23.1	0.31	160	34	18	55.4	1.5	0	8
321	Durg	Durg	Powara	81.33199	21.09957	7.6	756	0	120	142	75.2	0.05	170	60	4.8	80	35	0	8
322	Durg	Dhamdha	Ravelidih	81.3375	21.325	7.45	576	0	78	85.2	9.5	0.19	215	70	9.6	17	1	0	7
323	Durg	Bemetara	Sagona	81.46555556	21.81305556	7.44	2020	0	96	71	795	0.37	1025	342	16.8	55	1	0	12
324	Durg	Dondi Lohara	Sambalpur	81.0572	20.8208	8	334	0	180	14.2	5.2	0.56	165	54	7.2	3	0.3	0	8
325	Durg	Gunderdehi	Sankri	81.25861111	20.82333333	7.58	678	0	162	95.85	22.7	0.67	220	48	24	38	4.1	0	10
326	Durg	Durg	Selud	81.4194	21.1	7.53	567	0	102	88.75	32.5	0.52	180	56	9.6	30	4	0	10
327	Durg	Gunderdehi	Sikosa	81.2889	20.8764	7.47	853	0	120	131.35	48	0.2	250	68	19.2	64	1.8	0	9
328	Durg	Patan	Sikola	81.5283	21.0444	7.67	600	0	144	81.65	16	0.3	240	68	16.8	32	1.5	0	9
329	Durg	Dhamdha	Tarkori	81.4533	21.5031	7.31	2440	0	96	504.1	192	0.01	850	252	48	80	4	0	11
330	Durg	Sanjari Balod	Umaradah	81.2472	20.7361	7.55	570	0	156	74.55	49.1	0.9	190	40	21.6	33	3	0	13
331	Durg	Durg	Utai(Adarshnagar)	81.3889	21.1167	7.63	426	0	84	63.9	25.1	0.4	170	48	12	20	1	0	10
332	Durg	Patan	Zhit	81.5667	21.1292	7.56	427	0	150	46.15	11.4	0.4	110	36	4.8	45	3.1	0	11
333	Durg	Bemetara	Bemetera-d	81.53333333	21.71666667	7.49	607	0	300	17.5	695	0.03	945	298	48	41.29	1.37	0	6
334	Durg	Dhamda	Biroda	81.42751	21.03168	7.39	482	0	180	42.6	21.4	0.19	145	32	15.6	46.25	0.85	0	11
335	Durg	Patan	Charoda	81.46916667	21.24638889	7.44	598	0	192	53.25	44.21	0.02	180	44	16.8	42.44	4.55	0	7
336	Durg	Dhamdha	Dhamda-D	81.3294	21.4594	7.61	409	0	210	24.65	1.01	0.34	175	48	13.2	25.32	6.77	0	19
337	Durg	Doundi	Dondi	81.0889	20.4917	7.72	269	0	156	10.65	1.06	0.01	140	26	18	4.41	0.28	0	5
338	Durg	Dhamda	Ghota	81.2278	21.4236	7.48	374	0	156	35.5	7.8	0.01	125	34	9.6	26.5	0.82	0	8
339	Durg	Sanjari Balod	Khairwahi D	81.27527778	20.76638889	7.55	307	0	186	17.7	10.6	0.01	125	38	7.2	27.7	0.47	0	9
340	Durg	Dondi Lohara	Koba(Pz-l)	81.1606	20.8239	7.95	1085	0	110	163	79.2	0.06	290	100	9.6	107	0.85	0	9

341	Durg	Patan	Kumhari	81.53333333	21.23333333	8	1541	0	128	32	429	0.34	535	165	34.8	125	3.2	0	7
342	Durg	Dhamda	Mohrenga	81.46972222	21.44888889	8.16	343	0	134	32	27	0.26	95	36	1.2	29.5	0.92	0	6
343	Durg	Sanjari Balod	Padkibhat	81.24722222	20.75138889	8.16	471	0	110	46	39.9	0.34	165	44	13.2	31.8	1.41	0	6
344	Durg	Patan	Pachpedi	81.45	21.15694444	8	420	0	160	39	17.4	0.16	110	38	3.6	26.4	4.4	0	7
345	Durg	Gurur	Perpar	81.475	20.7444	8.27	904	0	268	11	29.9	0.48	180	38	20.4	12.3	1.87	0	5
346	Durg	Berla	Ranka	81.62722222	21.61583333	8.28	374	0	140	31.9	2.5	0.19	145	40	10.8	11.1	1	0	6
347	Durg	Patan	Tarra	81.51055556	21.11777778	8.35	217	0	85.2	11	15.6	0.29	90	24	7.2	12.1	3.16	0	8
348	Durg	Gurur	Gurur	81.41	20.68	6.87	567	0	177	57	17	0.35	220	40	29	16	3.7	0	10
349	Durg	Gurur	Balodgahan	81.47166667	20.64611111	6.77	539	0	171	50	36	0.61	105	32	6	39	85	0	12
350	Durg	Gurur	kuliya	81.4536	20.6706	6.79	535	0	189	50	42	0.63	110	24	12	84	3	0	17
351	Durg	Gurur	Jagtara	81.4425	20.62222222	6.89	399	0	195	21	11	0.45	155	32	18	30	3.4	0	14
352	Durg	Gurur	Markatola	81.38	20.57	6.87	516	0	244	35	17	0.65	175	28	25	49	1.25	0	10
353	Gariyabandh	Chhura	Amethi	82.0499	20.9361	7.2	292	0	134	18	3	1	110	30	8	9	1	0	23
354	Gariyabandh	Fingeswar	Baronda	81.5609	20.7919	7.3	626	0	183	60	15	0	90	18	11	74	1	0	11
355	Gariyabandh	Chhura	Sorid	82.20807	20.8108	7.2	616	0	122	71	65	0	175	46	14	41	35	0	11
356	Gariyabandh	Rajim	Kaskera	82.1438	20.9261	7.3	231	0	122	14	2	1	95	20	11	9	1	0	23
357	Gariyabandh	Rajim	Mudagaon	82.1704	20.8989	7	279	0	67	50	13	0	85	26	5	20	1	0	18
358	Gariyabandh	Chhura	Pond	81.7201	20.7987	7.2	541	0	140	92	30	1	170	44	14	41	1	0	28
359	Gariyabandh	Gariyabandh	Malgaon	81.9807	20.6623	7.2	562	0	159	92	30	1	180	54	11	40	1	0	25
360	Gariyabandh	Fingeswar	Sarkada	82.0594	20.9143	7.2	430	0	104	64	62	0	175	46	16	9	8	0	12
361	Gariyabandh	Chhura	Baruka	82.0114	20.6931	7.3	545	0	153	96	31	1	170	50	11	41	1	0	26
362	Gariyabandh	Rajim	Chhura	82.2083	20.8125	7	280	0	61	46	13	0	85	26	5	19	1	0	17
363	Gariyabandh	Rajim	Devri	81.9558	20.8828	6.77	824	0	183	121	40	0	300	80	24	51	3	0	8
364	Gariyabandh	Rajim	Fingeswar	82.0333	20.9667	6.92	274	0	134	14	0	0	120	36	7	7	1	0	5
365	Gariyabandh	Chhura	Gariaband	82.0667	20.625	6.78	469	0	146	46	25	1	365	28	26	42	1	0	25
366	Gariyabandh	Deobhog	Jhariabara	82.2	20.2306	6.82	572	0	226	50	42	0	250	60	24	37	1	0	10
367	Gariyabandh	Rajim	Kanekera	82.0792	21.0417	6.88	262	0	134	7	0	0	100	32	5	9	1	0	11
368	Gariyabandh	Chhura	Kaseru	82.1233	20.6486	6.92	670	0	293	35	24	1	290	24	55	41	1	0	25
369	Gariyabandh	Rajim	Kashi Bahara	82.1867	20.8638	6.97	282	0	128	21	13	0	245	28	12	20	1	0	14
370	Gariyabandh	Chhura	Kharkhara	82.2033	20.7558	6.9	272	0	73	43	8	0	90	24	7	20	1	0	21
371	Gariyabandh	Rajim	Kopra	81.9302	20.8427	6.85	698	0	110	99	40	0	210	44	24	54	3	0	18

372	Gariyabandh	Rajim	Koma	81.9369	20.965	6.88	929	0	146	71	45	0	200	60	12	38	1	0	11
373	Gariyabandh	Chhura	Kurud	81.9389	20.7915	6.95	522	0	73	99	50	1	180	12	36	37	1	0	12
374	Gariyabandh	Rajim	Panduka	81.9458	20.775	6.83	637	0	73	85	35	1	465	72	12	44	1	0	27
375	Gariyabandh	Rajim	Parsada Khurd	82.1758	20.8664	6.84	270	0	140	14	0	1	120	36	7	9	1	0	25
376	Gariyabandh	Rajim	Rajim	81.8833	20.9667	6.87	893	0	159	106	88	2	270	80	17	77	25	0	17
377	Gariyabandh	Rajim	Sursabandha	81.9208	20.8806	7	501	0	207	50	20	2	160	28	22	54	1	0	12
378	Janjgir-Champa	Pamgarh	Jhulanpakariya	82.4431	21.9208	7.13	408	0	232	14	0	0.4	190	56	12	12	0.5	0	6
379	Janjgir-Champa	Akaltara	Nariyara	82.405	21.948	7.12	423	0	244	7	0	0.4	190	52	14	12	0.5	0	6
380	Janjgir-Champa	Pamgarh	Mulmula	82.40305556	21.93	7.08	1952	0	525	106	128	0.3	525	160	30	162	6.6	0	10
381	Janjgir-Champa	Akaltara	Konargarh	82.3417	21.925	7.09	804	0	354	43	45	0.4	350	68	43	26	1.4	0	9
382	Janjgir-Champa	Akaltara	Amora	82.3725	21.969722	7.19	802	0	305	50	32	0.3	320	56	43	27	1.4	0	9
383	Janjgir-Champa	Akaltara	Vayash nagar	82.4509	21.8717	7.3	1018	0	281	92	68	0.4	350	76	38	55	5.9	0	10
384	Janjgir-Champa	Pamgarh	Kosa	82.3437	21.8938	7.1	1959	0	366	106	264	0.3	550	160	36	162	6.5	0	11
385	Janjgir-Champa	-	Bhaiso	82.3394	21.8832	7.1	1964	0	403	113	236	0.5	670	196	43	115	6.5	0.8	12
386	Janjgir-Champa	Pamgarh	Jhulanpakariya	81.38637699	23.22537269	7.54	71	0	37	3.5	0	0.46	30	8	2.4	2.2	13	0	20
387	Janjgir-Champa	Akaltara	Nariyara	81.3899972	23.22800785	7.5	591	0	195	50	30	0.27	210	44	24	36	4.3	0	25
388	Janjgir-Champa	Pamgarh	Mulmula	81.39361742	23.23064301	7.5	637	0	317	35	0	0.21	230	52	24	33	27	0	11
389	Janjgir-Champa	Akaltara	Konargarh	81.39723763	23.23327816	7.51	228	0	73	35	0	0.78	70	12	9.6	21	7.2	0	12
390	Janjgir-Champa	Akaltara	Amora	81.40085784	23.23591332	7.4	637	0	305	43	0	0.81	250	52	29	30	17	0	14
391	Janjgir-Champa		Vayash nagar	81.40447806	23.23854848	7.4	157	0	73	14	0	0.1	90	16	12	5.4	2	0	18
392	Janjgir-Champa	Pamgarh	Kosa	81.40809827	23.24118364	7.3	63	0	30	3.5	0	0	25	4	3.6	2	11.8	0	20
393	Janjgir-Champa		Bhaiso	81.41171848	23.24381879	7.06	73	0	37	3.5	0	0.11	30	8	2.4	2.2	9.4	0	18
394	Janjgir-Champa	Pamgarh	Jhulanpakariya	81.63979191	23.4098337	7.15	748	0	268	85	25	0.1	315	80	28	40	3	0	12
395	Janjgir-Champa	Akaltara	Nariyara	81.64341213	23.41246886	7.01	1025	0	281	99	90	0.2	450	116	30	25	8.7	0	16
396	Janjgir-Champa	Pamgarh	Mulmula	81.64703234	23.41510401	7.2	434	0	220	21	9.6	0.1	195	44	20	20	1	0	14

397	Janjgir-Champa	Akaltara	Konargarh	81.65065255	23.41773917	7.15	949	0	354	71	52	0.4	340	80	34	54	8.6	0	10
398	Janjgir-Champa	Akaltara	Amora	81.65427277	23.42037433	7.23	749	0	232	85	45	0.4	340	76	36	32	1.5	0	11
399	Janjgir-Champa		Vayash nagar	81.65789298	23.42300949	7.18	723	0	244	71	42	0.5	280	80	19	40	1.2	0	13
400	Janjgir-Champa	Pamgarh	Kosa	81.66151319	23.42564464	7.01	1384	0	171	248	59	0.3	530	152	36	50	1.5	0	13
401	Janjgir-Champa		Bhaiso	81.66513341	23.4282798	7.26	415	0	183	35	12	0.34	190	52	14	12	0.6	0	4
402	Jashpur	Pathalgaon	Amatolli	83.7442	22.4711	7.3	300	0	146.4	17.75	9	0.58	100	32	4.8	22	0.3	0	14
403	Jashpur	Farsabahaar	Amdiha	83.955	22.466	7.54	338	0	158.6	24.8	6	0.46	135	38	9.6	14	0.8	0	8
404	Jashpur	Dharmajaigarh	Amgaon	83.2111	22.3975	7.3	433	0	134.2	53.25	21.8	0.2	120	36	7.2	35.7	0.5	1	3
405	Jashpur	Pathalgaon	Bagh Bahar	83.75639	22.54003	7.2	693	0	164.7	131.35	23.8	0.2	285	82	19.2	38.6	1.1	0	10
406	Jashpur	Bagicha	Bagicha	83.6542	22.9764	7.5	368	0	110.4	53	10.4	0.3	135	32	13.2	13.8	2.3	0	16
407	Jashpur	Jashpur	Balachhappar	84.1478	22.8494	7.31	705	0	134.2	24.85	34.5	0.2	160	52	7.2	67.3	0.9	0	11
408	Jashpur	Kunkuri	Bandarchuwa	83.8583	22.6861	7.48	360	0	152.5	28.4	5.6	0.5	125	30	12	17.3	0.7	0	11
409	Jashpur	Pathalgaon	Bangaon 1	83.6792	22.538	7.6	407	0	189.1	10.65	13.3	0.8	160	46	10.8	17.2	1.3	0	18
410	Jashpur	Pathalgaon	Bangaon	83.6792	22.6	7.22	159	0	67.1	14.2	2.0	0.6	45	14	2.4	13.1	0.5	0	15
411	Jashpur	Kasavel	Bataikela	83.7333	22.7333	7.42	194	0	67.1	31.2	2.4	0.3	70	18	6	11.7	1.5	0	15
412	Jashpur	Kasavel	Bewrapali	83.7475	22.9083	7.4	533	0	189.1	21.3	28.3	0.2	155	32	18	17.5	3.2	0	8
413	Jashpur	Duldula	Binjapur	84.0333	22.7667	7.48	268	0	109.8	3.55	5.2	1.0	95	28	6	11.5	0.6	0	12
414	Jashpur	Kunkuri	Chhapartoli	83.9217	22.8094	7.11	125	0	30.5	17.75	2.1	0.1	35	8	3.6	11.3	1.6	0	12
415	Jashpur	Jashpur	Chiraidand	84.07527778	22.6364	7.23	175	0	30.5	10.65	3.0	0.2	75	18	7.2	2.4	7.6	0	8
416	Jashpur	Jashpur	Dandajor	83.7783	22.77805556	7.54	320	0	146.4	7.1	12.2	0.8	100	30	6	23.4	2.6	0	15
417	Jashpur	Kunkuri	Dhodidand	83.9556	22.7778	7.02	129	0	30.5	10.65	2.3	0.1	25	6	2.4	11.5	1.6	0	12
418	Jashpur	Kasavel	Dokra	83.86933	22.62075	7.65	529	0	152.5	63.9	17.5	0.3	180	54	10.8	22.3	1.7	0	10
419	Jashpur	Farsabahaar	Farsabahaar	83.8553	22.5089	7.53	268	0	115.9	21.3	5.2	0.3	95	8	18	11.7	0.5	0	12
420	Jashpur	Kunkuri	Farsakanhi	83.8958	22.7042	7.35	473	0	189.1	46.15	16.4	0.6	155	40	13.2	27.2	0.7	0	14
421	Jashpur	Kunkuri	Ghatmunda	83.9331	22.7881	7.18	76.1	0	30.5	7.1	2.8	1.1	25	6	2.4	3.9	3.5	0	11
422	Jashpur	Jashpur	Jakba	84.2069	22.9089	7.2	692	0	158.6	99.4	24.7	0.3	205	36	27.6	37.1	1.1	0	9
423	Jashpur	Jashpur	Jashpurnagar	84.1389	22.8833	7.61	406	0	231.4	10.65	2.8	0.5	185	34	24	2.6	2.6	0	5
424	Jashpur	Farsabahaar	Jharmunda	83.8682	22.416	7.66	301	0	128.1	17.75	10.5	0.6	95	28	6	21.3	0.3	0	12
425	Jashpur	Pathalgaon	Kachhar	83.535	22.5583	7.6	328	0	137.6	17.75	13.6	0.7	105	30	7.2	24.1	2.6	0	15

426	Jashpur	Farsabahar	Kandaibahar	83.9039	22.4956	7.37	172	0	79.3	14.2	3.0	0.2	50	16	2.4	15	0.5	0	20
427	Jashpur	Kunkuri	Kandora	83.9681	22.7558	7.08	106	0	30.5	7.1	15.8	0.3	35	10	2.4	7	0.3	0	17
428	Jashpur	Bagicha	Kanpoda	83.83154	22.88022	7.21	120	0	42.7	14.2	3.0	0.3	40	10	3.6	10.1	1.3	0	13
429	Jashpur	Kasavel	Kansabel	83.74115	22.6401	7.6	631	0	347.7	24.85	18.0	1.1	230	34	34.8	37.8	0.7	0	12
430	Jashpur	Duldula	Kersai	83.9583	22.6	7.25	188	0	61	11	29.6	0.4	75	16	8.4	4.7	2.7	0	2
431	Jashpur	Farsabahar	Khutsera	83.8258	22.4128	7.34	166	0	79.3	10.65	5.9	0.1	70	20	4.8	4.2	1.8	0	8
432	Jashpur	Pathalgaon	Kotba	83.7403	22.4333	7.46	411	0	195.2	28.4	14.6	1.0	155	46	9.6	19.2	1.4	0	20
433	Jashpur	Duldula	Kunjara	83.9583	22.6653	7.5	548	0	152.5	71	10.4	0.7	185	54	12	26.5	3.1	0	11
434	Jashpur	Kunkuri	Kunkuri1	83.9542	22.7419	7.5	605	0	152.5	99.4	24.5	1.0	245	56	25.2	33.8	1.3	0	18
435	Jashpur	Jashpur	Lamdund	83.692	22.6338	7.28	172.1	0	79.3	14.2	1.0	0.5	45	14	2.4	15.7	0.3	0	22
436	Jashpur	Farsabahar	Lavakera	83.9819	22.3847	7.08	148.6	0	67.1	14.2	2.1	0.5	65	14	7.2	3	4.1	0	9
437	Jashpur	Pathalgaon	Ludeg	83.6042	22.5542	7.307	327	0	189.1	10.65	2.0	0.7	120	24	14.4	16.5	1.6	0	15
438	Jashpur	Jashpur	Loro (Bagicha)	81.1507	22.7515	7.6	325	0	140.3	28.4	7.4	0.7	115	22	14.4	19.1	1.6	0	14
439	Jashpur	Bagicha	Maini	83.5403	22.9806	7.25	160	0	67.1	14.2	0.6	0.9	45	14	2.4	13.4	0.5	0	14
440	Jashpur	Kansabela	Mahuadih	83.6734	22.7823	7.4	346	0	115.9	39.05	2.3	0.7	130	32	12	11.8	1.5	0	5
441	Jashpur	Kunkuri	Matasi	83.8136	22.894	7.24	168	0	67.1	14.2	1.1	0.6	80	16	9.6	9.4	1.1	0	9
442	Jashpur	Kasavel	Muskuti	83.675	22.8625	6.99	105	0	42.7	7.1	0.3	0.7	40	10	3.6	6.5	0.3	0	19
443	Jashpur	Kasavel	Narayanbahali	83.7814	22.6531	7.3	262	0	91.5	28.4	1.6	0.5	85	26	4.8	12.9	1.8	0	14
444	Jashpur	Pathalgaon	Palidih	83.5069	22.5581	7.56	343	0	122	28.4	6.4	0.7	125	28	13.2	18.6	1.6	0	21
445	Jashpur	Bagicha	Pandripani	83.706	22.922	7.42	342	0	109.8	42.6	2.4	0.7	130	30	13.2	11.5	1.4	0	8
446	Jashpur	Pathalgaon	Pathalgaon	83.4625	22.5547	7.61	257	0	152.5	10.65	1.7	0.8	105	28	8.4	12.8	0.6	0	18
447	Jashpur	Bagicha	Peta	83.5983	22.9594	7.48	373	0	128.1	46.15	7.0	0.7	130	40	7.2	12.5	5.3	0	9
448	Jashpur	Kasavel	Phooldih	83.6306	22.9028	7.43	174	0	61	7.1	19.8	1.6	65	18	4.8	8.6	0.5	0	21
449	Jashpur	Bagicha	Raikera	83.6542	22.9347	7.31	165	0	79.3	14.2	0.8	0.5	65	20	3.6	5.5	2	0	11
450	Jashpur	Kunkuri	Raikera(Kunkuri)	84.025	22.7708	7.61	376	0	189.1	24.85	9.3	0.8	135	34	12	28.3	1.6	0	20
451	Jashpur	Bagicha	Raoni	83.6614	23.0067	7.42	236	0	97.6	28.4	2.2	0.7	80	20	7.2	14.7	1.3	0	7
452	Jashpur	Jashpur	Rupsera	84.2819	22.95	7.47	603	0	134.2	81.65	12.3	0.9	190	58	10.8	31.6	1.4	0	25
453	Jashpur	Kasavel	Sahidaura (Jamdhora)	83.9048	22.8524	7.21	124	0	54.9	10.65	1.3	0.5	35	8	3.6	9.7	1.4	0	20
454	Jashpur	Kasavel	Saraipani	83.6694	22.7944	7.55	588	0	207.4	49.7	20.7	0.4	160	30	20.16	27.1	19.5	0	7
455	Jashpur	Kasavel	Shabdhmunda	83.8349	22.5795	7.49	363	0	213.5	10.65	1.4	0.8	150	30	18	24.5	1.9	0	15
456	Jashpur	Kansabel	Saraitola	83.65084	22.57076	7.81	503	0	244	39.05	6.1	0.8	155	48	8.4	38.7	3.6	0	19

457	Jashpur	Manora	Sarkardih	84.0306	22.9722	7.51	339	0	201.3	14.2	1.8	0.8	115	26	12	25	1.9	0	16
458	Jashpur	Farsabaha	Sirshringa	83.8036	22.5189	7.6	255	0	149.2	10.65	1.5	0.7	100	26	8.4	12.6	0.6	0	21
459	Jashpur	Pathalgaon	Surangpani New	83.6883	22.4111	7.38	491	0	225.7	35.1	15.8	1.1	175	50	12	27.5	0.7	0	26
460	Jashpur	Kasavel	Tangargaon	83.73236	22.60972	7.6	261	0	134.2	10.65	2.1	0.9	90	26	6	12.6	0.6	0	23
461	Jashpur	Farsabaha	Tapkara	83.95	22.5042	7.64	475	0	244	28.4	2.8	0.7	160	44	12	36.1	2.5	0	23
462	Kabirdham	Bodla	Mahrajpur	81.178	21.948	7.55	495	0	156	60.35	23	0.62	175	44	15.6	35	0.07	0	11
463	Kanker	Charama	Ratesara(sadak para)	81.39194444	20.45277778	6.85	360	0	189	7	14	0.92	115	34	7.2	32	0.78	0	25
464	Kanker	Kanker	Kanker	81.4958	20.2792	6.68	1040	0	177	174	56	0.91	280	58	32	90	0.29	0	20
465	Kanker	Kanker	Kulgaon	81.50694444	20.175	6.99	523	0	268	21	12	0.84	215	46	24	29	0.42	0	23
466	Kanker	Kondagaon	Surkupal	81.7538	19.4622	7.06	303	0	134	28	0	0.32	120	28	12	16	0.21	0	20
467	Kanker	Kanker	Govindpur	81.48333333	20.28333333	6.99	667	0	256	43	14	0.62	170	52	9.6	66	3.4	0	30
468	Kanker	Charama	Tegara	81.44083333	20.37111111	7.03	605	0	244	50	20	1	140	32	14	88	1.21	0	34
469	Kanker	Charama	Machandur	81.36803	20.5301	6.98	388	0	195	21	8	1	140	40	9.6	31	2.7	0	24
470	Kawardha	Bodla	Banjari	81.11208	22.15183	7.82	851	0	432	39.05	21	0.62	360	30	68.4	30.7	1.9	0	15
471	Kawardha	Sahaspur lohara	BijaBairangi	81.16589	21.74189	7.71	565	0	228	49.7	15	0.06	180	32	24	53	0.9	0	14
472	Kawardha	Sahaspur lohara	Biroda	81.13162	21.76659	7.76	276	0	144	17.75	6	0.7	90	22	8.4	25.1	1.2	0	13
473	Kawardha	Kawardha	Bodla	81.2208	22.1611	7.6	393	0	156	28.4	16	0.3	160	36	16.8	17.5	0.9	0	13
474	Kawardha	Bolda	Chilpi	81.0583	22.1667	7.84	323	0	210	7.1	12	0.06	145	20	22.8	21	1.1	0	30
475	Kawardha	Kawardha	Danganiya	81.2042	21.9639	7.69	694	0	234	60.35	19	0.43	240	34	37.2	56.6	0.94	0	11
476	Kawardha	Pandariya	Kapada	81.5458	22.2375	7.95	475	0	216	24.85	13	0.35	145	20	22.8	45.7	0.92	0	11
477	Kawardha	Kawardha	Kawardha	81.2383	22.0072	7.82	778	0	234	102.95	29	0.36	145	20	22.8	94.1	12.5	0	15
478	Kawardha	Kawardha	Kharoda Kalan	81.3167	22.175	7.65	460	0	216	14.2	34	0.61	160	34	18	39.1	1.05	0	14
479	Kawardha	Pandariya	Kishungarh	81.49583333	22.2125	7.69	766	0	222	99.4	32	0.9	285	32	49.2	41.2	1.55	0	15
480	Kawardha	Pandariya	Kui	81.3528	22.3639	7.67	399	0	180	28.4	12	0.44	130	28	14.4	40	1.5	0	14
481	Kawardha	Kawardha	Mudiyapara	81.23343	22.15015	7.64	600	0	90	78.1	43.6	0.01	245	60	22.8	18.5	1.7	0	21
482	Kawardha	Pandariya	Munmuna	81.3972	22.3264	7.95	873	0	240	88.75	62	0.72	135	20	20.4	116.5	11.5	0	11
483	Kawardha	Kawardha	Rajnanwagaon	81.2083	22.0681	7.7	400	0	168	31.95	15	0.2	130	26	15.6	30.1	0.33	0	14
484	Kawardha	Kawardha	Rengakharkurd	81.21987	22.05166	7.69	1240	0	216	216.55	95	0.5	320	40	52.8	123	16.5	0	13
485	Kawardha	Sahaspur lohara	Sahaspur lohara.1	81.1292	21.8333	7.8	365	0	180	31.95	15	0.0	115	22	14.4	41.1	0.44	0	12
486	Kawardha	Sahaspur lohara	Uriakhurd	81.1733	21.8753	7.57	738	0	168	88.75	46	0.1	260	48	33.6	45.1	1.55	0	13

487	Kawardha	Kawardha	Bharamdeo-d	81.20833333	22.06805556	8.26	512	0	140	56.8	44	0.2	175	110	14	42.76	0.75	0	11
488	Kawardha	Kawardha	Kawardha	81.2383	22.0072	8.26	263	0	85.4	42.6	17.5	0.3	190	95	23	35.5	0.8	0	9
489	Kawardha	Pandaria	Pandaria	81.41805556	22.21666667	8.4	285	0	210.3	27.1	2.9	0.0	120	55	16	14.5	1.8	0	8
490	Kawardha		Saroda dadar	81.20833333	22.06805556	8.21	335	0	176.9	7.1	4.9	0.2	130	40	21.6	27.1	0.8	0	8
491	Kondagaon	Kondagaon	Kondagaon	81.7514	20.3752	6.87	396	0	104	57	0	0.4	285	36	11	21	1.48	0	32
492	Korba	Pondi	Gurasia	82.5312	22.6566	7.36	463	0	158.6	25	34	0.0	155	48	8	34	1	0	20
493	Korba	Pondi	Korbi	82.44194444	22.85	7.42	445	0	231.8	14	18	0.3	60	18	4	78	0	0	11
494	Korba	Pondi	Kurtha	82.44583333	22.92833333	7.35	570	0	134.2	60	39	0.1	195	60	11	22	35	0	11
495	Korba	kurtha (new)	Pondi-Uproda	22.9283	82.4458	7.53	892	0	262.3	82	71	0.0	300	76	26	41	48	14	19
496	Korba	Pondi	Madai	82.52916667	22.71666667	7.4	401	0	183	25	20	1.7	140	40	10	30	1	0	23
497	Korba	Pondi	Morga	82.6603	22.754	6.92	154	0	24.4	18	1	0.2	45	10	5	3	8	0	9
498	Korba	Pondi	Nawapara(Chotia)	82.49027778	22.76944444	7.58	294	0	128.1	28	12	0.2	115	26	12	13	5	0	10
499	Korba	Pali	Pali	82.3222	22.3722	7.25	647	0	305	35	24	0.2	280	56	34	26	0.6	0	9
500	Korba	Pali	Pali	81.34293443	23.19375081	7.27	131	0	67	7	4.8	0.2	60	16	4.8	4.6	0.5	0	19
501	Korba	Pali	Pali	81.59634936	23.37821181	7.14	1006	0	317	121	76	0.2	455	92	54	44	0.9	0	16
502	Koriya	Khadgaowan	Akhradand	23.2041292	82.2479214	7.3	605	0	256.2	46	41	0.5	105	36	4	90	1	0	8
503	Koriya	Bharatpur (Janakpur)	Ara	81.7641	23.5936	7.2	121	0	73.2	11	0	0.1	55	10	7	5	4	0	12
504	Koriya	Bharatpur (Janakpur)	Baharsi.1	81.85416667	23.6125	6.87	124	0	73.2	7	0	0.1	55	12	6	5	4	0	11
505	Koriya	Baikunthpur	Baikunthpur	82.55	23.25833333	7.15	1998	0	152.5	50	585	0.1	1035	348	40	31	2	0	12
506	Koriya	Baikunthpur	Baikunthpur	82.56	23.2607	7.35	362	0	197.5	11	21	0.2	140	40	10	19	2	0	16
507	Koriya	Sonhat	Bhainswar	82.27	23.4919	7.37	304	0	207.4	11	3	0.1	160	34	18	3	4	0	9
508	Koriya	Manendragarh	Biharpur	82.24297	23.40261	7.28	263	0	176.9	14	0	0.2	150	30	18	5	1	0	7
509	Koriya	Sonhat	Bikrampur	82.48281	23.45316	7.25	184	0	97.6	11	0	0.1	90	18	12	2	5	0	9
510	Koriya	Manendragarh	Chainpur	82.1514	23.222	7.27	708	0	256.2	82	26	1.6	190	42	20	88	0	0	10
511	Koriya	Baikunthpur	Chharcha Basti	82.3149	23.3542	7.33	277	0	134.2	21	5	0.0	100	36	2	16	2	0	12
512	Koriya	Bharatpur (Janakpur)	Chutki	81.95	23.57361111	7.12	175	0	115.9	7	0	0.1	100	16	14	3	2	0	12
513	Koriya	Manendragarh	Dodki	82.00566	23.45488	7.4	177	0	101.9	7	0	0.1	75	16	8	4	1	0	12
514	Koriya	Manendragarh	Garundol	82.30239	23.3776	7.22	280	0	103.7	25	2	0.0	115	34	7	5	5	0	12
515	Koriya	Baikunthpur	Ghugra	82.5237	23.4042	7.067	84	0	24.4	14	0	0.2	25	6	2	3	10	0	12
516	Koriya	Baikunthpur	Girjapur	82.71696	23.30122	7.43	1051	0	134.2	192	78	0.2	205	52	18	115	3	0	10

518	Koriya	Baikunthpur	Jamgahana	82.62277	23.3011	7.27	316	0	175.2	14	4	0.5	135	36	11	13	1	0	22
519	Koriya	Bharatpur (Janakpur)	Janakpur	81.79583333	23.71666667	7.23	126	0	79.3	14	0	0.1	70	12	10	4	4	0	12
520	Koriya	Sonhat	kailashpur	23.3522214	82.4764724	7.31	310	0	148.6	18	10	0.1	130	40	7	5	5	0	7
521	Koriya	Manendragarh	Kelhari	82.04861111	23.41527778	7.34	180	0	112.2	7	0	0.0	90	16	12	3	1	0	11
522	Koriya	Khadgawan	Khadgawan	82.3810977	23.1160802	7.24	747	0	274.5	85	43	0.2	285	66	29	40	1	0	24
523	Koriya	Baikunthpur	Khatgori	82.52638889	23.37083333	6.95	160	0	54.9	25	0	0.2	60	6	10	10	3	0	4
524	Koriya	Baikunthpur	Khodri	82.4827	23.4103	7.36	307	0	183	11	0	0.2	145	32	16	3	4	0	10
525	Koriya	Bharatpur (Janakpur)	Kuwarpur	81.71083333	23.59777778	7.57	280	0	128.1	25	1	0.0	125	36	8	5	3	0	12
526	Koriya	Manendragarh	Manendragarh	82.20583333	23.21666667	7.05	800	0	292.8	85	48	0.3	180	44	17	105	1	0	12
527	Koriya	Baikunthpur	Mansukha	82.49166667	23.225	7.44	639	0	195.2	50	54	0.0	260	72	19	18	4	0	14
528	Koriya	Baikunthpur	Mohra	82.634847	23.303456	7.34	783	0	298.9	75	43	0.4	305	76	28	31	2	0	23
529	Koriya	Baikunthpur	Nagar (Station)	82.36194	23.3861754	7.52	552	0	221.5	46	19	0.5	225	62	17	21	1	0	13
530	Koriya	Baikunthpur	Nagar(Tilwandar	82.4445	23.309	7.507	452	0	268.5	21	3	0.2	175	46	14	33	1	0	15
531	Koriya	Manendragarh	Nagpur	82.31861111	23.28166667	7.1	527	0	289.4	14	15	0.3	185	44	18	33	1	0	18
532	Koriya	Baikunthpur	Patan	81.1889431	23.5043174	7.44	406	0	207.4	21	6	0.3	155	44	11	25	1	0	16
533	Koriya	Manendragarh	Pendri	82.25555556	23.34861111	7.33	334	0	190	18	0	0.2	115	30	10	23	3	0	8
534	Koriya	Manendragarh	Piparia	82.2509	23.269	7.27	847	0	384.3	71	1	0.1	125	26	14	151	1	0	10
535	Koriya	Khadgaowan	podidih	82.0859419	23.0263862	7.75	452	0	158.6	43	28	0.6	130	34	11	34	2	0	7
536	Koriya	Khadgawan	Pouri	82.49944444	23.03861111	7.16	429	0	250.1	14	1	0.4	100	30	6	52	1	0	16
537	Koriya	Baikunthpur	Ranai	82.70277778	23.28055556	7.24	1121	0	347.7	167	20	0.3	355	88	32	67	1	0	11
538	Koriya	Manendragarh	Rojhi	81.97149	23.4824	7.6	260	0	151.7	11	1	0.2	120	28	12	5	3	0	8
539	Koriya	Manendragarh	Sarbhoka	82.35833333	23.25	7.05	1326	0	225.7	188	9	0.1	430	90	49	77	1	0	44
540	Koriya	Bharatpur	Seri	81.7045	23.6488	7.35	288	0	109.8	21	2	0.0	110	36	5	5	3	0	12
541	Koriya	Sonhat	Sonhat	82.51888889	23.48194444	7.15	429	0	115.9	60	26	0.0	125	28	13	35	3	0	5
542	Koriya	Manendragarh	Tarabahara	82.18055556	23.41111111	7.41	260	0	170.8	14	0	0.1	135	28	16	5	3	0	8
543	Koriya	Baikunthpur	Tengni	82.739217	23.316699	7.42	1433	0	170.8	238	116	0.6	330	90	25	178	5	0	8
544	Koriya	Manendragarh	Tilokhan	81.98333333	23.48333333	7.36	260	0	48.8	58	4	0.1	75	8	20	6	4	0	9
545	Koriya	Manendragarh	Ujiyarpur	82.405	23.31388889	7.25	371	0	225.7	7	9	0.2	165	36	18	21	1	0	24
546	Mahasamund	Mahasamund	Amlor	82.0838	21.3542	6.85	313	0	98	39	10	0.9	80	16	10	26	17	0	5
547	Mahasamund	Bagbahara	Bagbahara	82.4083	21.0333	6.84	311	0	85	43	10	0.8	110	20	14	18	1	0	5

548	Mahasamund	Mahasamund	Baldidih	82.6417	21.2917	6.88	387	0	183	21	0	1.1	180	52	12	5	3	0	30
549	Mahasamund	Basna	Barbaspun	82.8816	21.2908	7.13	388	0	220	14	0	1.1	170	48	12	18	1	0	31
550	Mahasamund	Basna	Basna	82.8264	21.2694	7.08	391	0	195	21	0	1.2	170	56	7	18	1	0	37
551	Mahasamund	Mahasamund	Belsunda	82.0271	21.1634	6.84	313	0	146	43	10	0.9	120	16	19	27	18	0	10
552	Mahasamund	Bagbahara	Bhimkhoj	82.2958	21.0681	6.89	305	0	146	35	10	0.8	70	20	5	24	16	0	35
553	Mahasamund	Mahasamund	Boriajhar	82.15233	21.07614	7.32	655	0	366	21	0	1.1	250	64	22	40	2	0	5
554	Mahasamund	Pithora	Deori	82.7293	21.2742	7.19	243	0	110	21	6	0.8	95	16	13	17	1	0	10
555	Mahasamund	Bagbahara	Hadabundh	82.2183	21.0933	6.97	736	0	134	121	40	1.0	300	76	26	18	1	0	10
556	Mahasamund	Pithora	Jagdishpur	82.775	21.3333	7.04	393	0	213	21	9	1.1	170	48	12	19	4	0	32
557	Mahasamund	Mahasamund	Jalki	82.2116	21.2433	6.94	586	0	461	57	32	1.1	160	40	14	72	4	0	12
558	Mahasamund	Mahasamund	Jhalap	82.3831	21.2158	6.86	466	0	134	35	21	1.0	180	44	17	21	3	0	24
559	Mahasamund	Mahasamund	Jhalkhamhariya	82.1453	21.0772	7.06	661	0	305	43	25	1.1	250	68	19	42	1	0	26
560	Mahasamund	Mahasamund	Jogidipa	82.2599	21.2231	7.2	394	0	183	21	0	1.1	300	48	7	18	1	0	34
561	Mahasamund	Bagbahara	Khallari	82.2972	21.0833	6.9	299	0	92	35	12	0.5	70	20	5	24	16	0	8
562	Mahasamund	Mahasamund	Kowajhar	82.1483	21.2097	6.88	245	0	85	28	9	0.5	90	24	7	14	2	0	10
563	Mahasamund	Mahasamund	Lakhanpur(Bhatripa)	82.3865	21.2055	6.84	312	0	85	57	14	0.5	90	16	12	25	20	0	5
564	Mahasamund	Mahasamund	Lavra Khurud	82.1169	21.0886	6.95	317	0	98	43	11	0.5	85	8	16	23	15	0	5
565	Mahasamund	Mahasamund	Mahasamund.1	82.0958	21.1083	6.87	313	0	98	43	10	0.6	80	20	7	26	17	0	6
566	Mahasamund	Saraipalli	Marban	83.0807	21.3876	6.91	300	0	85	43	10	0.5	50	8	7	32	21	0	7
567	Mahasamund	Bagbahara	Maulimuda	82.4311	21.0055	6.83	752	0	207	121	15	0.4	250	80	12	50	2	0	30
568	Mahasamund	Mahasamund	Marod	82.1177	21.3615	7.02	339	0	110	50	11	0.5	100	24	10	26	16	0	10
569	Mahasamund	Bagbahara	Palsipani	82.3833	20.9042	7.01	305	0	98	35	12	0.6	90	16	12	21	14	0	9
570	Mahasamund	Mahasamund	Pasid	82.1457	21.3374	6.98	515	0	195	57	27	0.3	100	20	12	71	21	0	12
571	Mahasamund	Basna	Saraipali	83.0083	21.3167	7.01	299	0	92	35	13	0.6	70	16	7	28	11	0	9
572	Mahasamund	Bagbahara	Samahar	82.47798	21.07903	7.01	301	0	98	43	12	0.5	80	20	7	28	18	0	8
573	Mahasamund	Bagbahara	Suarmar	82.4958	20.9694	7.06	304	0	85	35	7	0.4	80	12	12	20	13	0	8
574	Mahasamund	Bagbahara	Tendukonda	82.4708	21.1083	6.99	308	0	98	35	10	0.5	60	12	7	27	18	0	7
575	Mahasamund	Mahasamund	Tumgaon	82.1208	21.1917	7.04	302	0	98	35	11	0.5	85	20	8	23	15	0	9
576	Mahasamund	Basna	Mandalpur	82.9228	21.4875	7.03	723	0	250	71	46	0.4	290	56	36	56	2	0	11
577	Mahasamund	Saraipalli	Deori	82.7293	21.2742	7.8	383	0	134	35	30	0.5	130	40	7	29	2	0	10
578	Mahasamund	Mahasamund	Nawagaon	82.23639	21.09861	7.04	474	0	281	14	5	0.4	130	20	19	61	1	0	12

579	Mahasamund	Bagbahara	Awardabari	82.3006	21.0847	7	605	0	146	85	47	0.2	230	56	22	32	2	0	15
580	Mahasamund	Bagbahara	Keshwa (Chinronda)	82.26306	21.0592	6.99	396	0	159	14	10	1.1	150	40	12	18	1	0	32
581	Mahasamund	Mahasamund	Pithora	82.5167	21.2514	6.98	568	0	195	50	24	1.2	190	36	24	37	1	0	17
582	Mahasamund	Mahasamund	Sirpur	82.1833	21.3431	6.99	572	0	110	85	50	0.2	190	56	12	53	3	0	14
583	Mahasamund	Saraipali	Badesara	83.09	21.3922	7.86	1920	0	481.9	220.1	97.3	1.1	500	130	42	47.4	120	1	17
584	Mahasamund	Saraipali	Patsenduri	83.075	21.3694	7.44	480	0	213.5	39.05	0.4	1.4	115	28	10.8	44.7	24	0	9
585	Mungeli	Patharya	Baitalpur	81.9167	21.8583	7.54	713	0	329	21	55	0.2	330	72	36	23	1	1	8
586	Mungeli	Bilha	Amerikapa (Tala)	82.0322	21.8953	7.35	1681	0	378	206	65	0.1	600	124	70	113	3	0	7
587	Mungeli	Mungeli	Daukapa	81.828001	22.089297	7.37	982	0	366	21	110	0.2	300	76	26	92	1	0	12
588	Mungeli	Patharia	Barcha	81.8483	22.0336	7.18	2730	0	549	390	220	0.6	900	184	106	210	5	0	10
589	Mungeli	Patharya	Patharia (chorbhatti)	81.8389	22.0167	7.38	1013	0	342	35	113	0.5	420	96	43	56	2	0	8
590	Mungeli	Patharya	Dewari	81.9558	20.8828	7.2	1940	0	647	220	112	1.0	780	192	72	69	96	0	10
591	Mungeli	Patharia	Chandargarhi	81.768	22.019	7.28	1040	0	342	92	87	0.2	440	100	46	42	1	0	8
592	Mungeli	Patharya	Chirhula	81.71611111	22.00916667	7.49	698	0	415	7	4	0.1	340	68	41	16	1	0	6
593	Mungeli	Mungeli	Chatarkhar	81.64173	22.0701	7.48	1221	0	549	21	80	0.4	330	40	55	146	1	0	12
594	Mungeli	Mungeli	Sitalkunda	81.64027778	22.07805556	7.36	791	0	366	35	42	0.5	260	44	36	69	1	0	10
595	Mungeli	Mungeli	Mungeli	81.673337	22.080528	7.19	1310	0	464	50	150	0.2	540	100	70	71	2	0	14
596	Mungeli	Mungeli	Deori	81.67055556	22.115	7.34	2030	0	683	20	85	0.2	700	68	127	145	1	0	18
597	Mungeli	Mungeli	Fulwari	81.626239	22.166735	7.31	688	0	366	7	16	0.3	300	40	48	32	0.9	0	10
598	Mungeli	Mungeli	Chhatan	81.6114	22.1522	7.37	685	0	366	7	25	0.2	250	44	34	52	1.1	0	10
599	Mungeli	Lormi	Rajpur	81.6522	22.1752	7.35	730	0	342	21	20	0.2	270	40	41	38	0.9	0	13
600	Mungeli	Lormi	Chandli	22.2172	81.6446	7.32	599	0	281	35	14	0.2	270	60	29	15	0.8	0	14
601	Mungeli	Lormi	Lormi	81.7069	22.2708	7.31	762	0	354	35	23	0.2	260	48	34	55	0.6	0	17
602	Mungeli	Lormi	Lormi	81.7069	22.2708	7.07	790	0	232	92	19	0.3	290	76	24	49	0.6	0	10
603	Mungeli	Patharya	Baitalpur	81.20174612	23.09097967	7.23	470	0	256	14	10	0.2	180	40	19	17	0.6	0	9
604	Mungeli	Bilha	Amerikapa (Tala)	81.20536633	23.09361483	7.12	620	0	281	50	12	0.2	260	76	17	36	2.5	0	13
605	Mungeli	Mungeli	Daukapa	81.27053017	23.14104766	7.42	446	0	183	28	32	1.5	170	48	12	38	1	0	23
606	Mungeli	Patharia	Barcha	81.2777706	23.14631798	7.2	916	0	415	50	42	0.5	275	60	30	106	1.1	0	31
607	Mungeli	Patharya	Patharia (chorbhatti)	81.28139081	23.14895313	7.11	457	0	232	21	5	0.2	200	48	19	18	3.7	0	15
608	Mungeli	Patharya	Dewari	81.28501102	23.15158829	7	425	0	122	64	2	0.0	130	28	14	24	24	0	24
609	Mungeli	Patharia	Chandargarhi	81.28863124	23.15422345	7.04	868	0	342	50	24	0.0	220	40	29	89	10	0	20

610	Mungeli	Patharya	Chirhula	81.29225145	23.1568586	7.09	874	0	256	85	0	0.0	280	24	53	37	7.2	0	21
611	Mungeli	Mungeli	Chatarkhar	81.29587166	23.15949376	7.02	139	0	37	28	0	0.0	70	20	4.8	4.3	0.7	0	23
612	Mungeli	Mungeli	Sitalkunda	81.29949188	23.16212892	7.03	526	0	232	57	5.7	0.7	190	56	12	45	1.1	0	26
613	Mungeli	Mungeli	Mungeli	81.30311209	23.16476408	7.12	907	0	427	64	47	0.0	250	20	48	102	13	0	26
614	Mungeli	Mungeli	Deori	81.31035252	23.17003439	7.07	317	0	256	28	6	0.2	160	56	4.8	17	3.5	0	13
615	Mungeli	Mungeli	Fulwari	81.31759294	23.17530471	7.01	875	0	256	64	74	0.2	350	76	38	44	0.7	0	25
616	Mungeli	Mungeli	Chhatan	81.32121315	23.17793986	7.03	683	0	73	28	0	0.2	75	16	8.4	11	6.5	0	12
617	Mungeli	Lormi	Rajpur	81.32483337	23.18057502	6.98	200	0	61	28	6.7	0.2	80	20	7.2	11	0.6	0	22
618	Mungeli	Lormi	Chandli	81.32845358	23.18321018	6.93	678	0	268	28	27	0.0	310	68	34	21	6.4	0	10
619	Mungeli	Lormi	Lormi	81.33207379	23.18584533	7.02	193	0	85	14	0	0.3	80	20	7.2	37	3.5	0	11
620	Mungeli	Lormi	Lormi	81.33569401	23.18848049	7.02	730	0	268	35	46	0.2	250	60	24	50	0.6	0	16
621	Mungeli	Patharya	Baitalpur	81.45516104	23.27544068	6.97	699	0	207	64	46	0.4	200	60	12	64	3.2	0	12
623	Mungeli	Mungeli	Daukapa	81.52394509	23.32550867	7.15	323	0	159	21	0	0.0	120	28	12	12	25	0	6
624	Mungeli	Patharia	Barcha	81.53118552	23.33077898	6.91	188	0	61	28	0	0.0	70	12	9.6	8.8	9.5	0	13
625	Mungeli	Patharya	Patharia (chorbhatti)	81.53480573	23.33341414	6.82	295	0	49	35	28	0.2	100	24	9.6	12	9.3	0	12
626	Mungeli	Patharya	Dewari	81.53842594	23.3360493	7.24	406	0	183	28	9.6	0.4	160	36	17	28	3.4	0	34
627	Mungeli	Patharia	Chandargarhi	81.54204616	23.33868445	7.42	2470	0	488	425	60	0.2	1040	56	216	102	8.5	0	32
628	Mungeli	Patharya	Chirhula	81.54566637	23.34131961	7.55	249	0	110	28	0	0.0	95	20	11	19	1.1	0	13
629	Mungeli	Mungeli	Chatarkhar	81.54928658	23.34395477	7.41	243	0	146	7	0	0.2	110	24	12	7.69	0.4	0	14
630	Mungeli	Mungeli	Sitalkunda	81.5529068	23.34658993	7.31	290	0	122	14	27	0.2	140	40	9.6	7.1	2.1	0	5
631	Mungeli	Mungeli	Mungeli	81.55652701	23.34922508	7.07	1356	0	244	227	75	0.0	380	100	31	133	8.6	0	14
632	Mungeli	Mungeli	Deori	81.56376744	23.3544954	7.12	1397	0	268	121	246	0.2	425	120	30	153	3.1	0	12
633	Mungeli	Mungeli	Fulwari	81.57100786	23.35976571	7.31	394	0	220	14	10	0.3	165	16	30	15	13	0	9
634	Mungeli	Mungeli	Chhatan	81.57462808	23.36240087	7.2	866	0	244	113	27	0.5	410	76	53	28	4.2	0	9
635	Mungeli	Lormi	Rajpur	81.57824829	23.36503603	7.21	880	0	293	113	40	0.2	385	72	49	43	0.95	0	8
636	Mungeli	Lormi	Chandli	81.5818685	23.36767118	7.25	552	0	207	50	20	0.4	250	56	26	14	5	0	10
637	Mungeli	Lormi	Lormi	81.58548872	23.37030634	7.25	766	0	317	71	45	0.4	300	68	31	56	1.6	0	12
638	Mungeli	Lormi	Lormi	81.58910893	23.3729415	7.14	1384	0	415	177	89	0.5	680	24	149	7.6	2	0	13
639	Raigarh	Dharmajaigarh	Amapali	83.2342	22.3706	7.355	197	0	97.6	17.75	0.1	1.2	65	18	4.8	13.4	2.4	1	7
640	Raigarh	Dharmajaigarh	Auranar	83.1628	22.1524	7.46	421	0	225.7	17.75	0.2	1.4	150	22	22.8	13.4	27.7	0	6
641	Raigarh	Pusaur	Aurda	83.3983	21.8078	7.73	1820	0	451.4	216.55	81.0	1.3	405	130	19.2	150.7	33	1	18

642	Raigarh	Tamnar	Auraimura	83.3811	22.20222	7.1	151	0	73.2	11	1.1	1.1	55	10	7.2	8.5	4.2	4	13
643	Raigarh	Baramkela	Bade Nawapara	83.35484	21.55689	7.6	521	0	317.2	17.75	0.3	1.9	260	54	30	3.8	1.5	1	11
644	Raigarh	Dharmajaigarh	Bakaruma	83.4361	22.5125	7.5	195.2	0	103.7	11	0.5	1.2	60	18	3.6	14.6	1.7	1	25
645	Raigarh	Raigarh	Bangrisian	83.4708	21.9769	7.56	569	0	134.2	53.25	26.7	1.0	130	30	13.2	24.3	15	1	13
646	Raigarh	Sarai Lengha Baram	Baramkela	83.2625	21.525	7.63	549	0	274	21.2	19.6	1.8	255	54	28.8	6.4	1.5	0	11
647	Raigarh	Tmanar	Barkaspali	83.4097	22.15911	7.6	313	0	109.8	7.1	55.9	1.4	120	24	14.4	6.6	9.1	0	9
648	Raigarh	Dharmajaigarh	Barpali	83.2667	22.3278	7.75	581	0	12.2	49.7	45.0	1.0	195	50	16.8	22.7	24.7	0	8
649	Raigarh	Dharmajaigarh	Bartapali	83.1773	22.3401	7.45	557	0	183	21.3	86.9	1.2	235	38	33.6	11.4	1.3	0	9
650	Raigarh	Sarangarh	Bataupali	83.1344	21.5356	7.19	333	0	91.5	10.65	0.5	1.1	125	34	9.6	4.2	0.7	4	8
651	Raigarh	Dharmajaigarh	Bayasi	83.1672	22.4353	7.26	232	0	61	28.4	0.3	1.1	60	14	6	10	5.5	0	10
652	Raigarh	Gharghoda	Bhalumar	83.3447	22.1194	7.21	179	0	67.1	24.85	0.9	1.0	55	14	4.8	6.7	17.3	1	13
653	Raigarh	Gharghoda	Bhangari	83.2508	22.1328	7.26	796	0	176.9	106.5	33.0	1.0	260	62	25.2	36.9	1.7	1	19
654	Raigarh	Dharmajaigarh	Bojja	83.1627	22.1283	7.49	442	0	170.8	17.75	0.4	1.4	150	24	21.6	12.5	21.9	5	7
655	Raigarh	Pusaur	Bonda	83.3042	21.7194	7.59	829	0	286.7	99.4	11.8	0.7	180	40	19.2	31.5	88	0	12
656	Raigarh	Dharmajaigarh	Boro	83.1119	22.5633	6.94	88.4	0	18.3	14.2	0.6	0.8	220	4	1.4	3.4	10.2	1	11
657	Raigarh	Kharsia	Chaple	83.2	21.9833	7.42	455	0	152.5	53.25	1.1	1.0	125	30	12	34.3	0.8	1	17
658	Raigarh	Dharmajaigarh	Charkhapara	83.383	22.5398	6.97	74.4	0	30.5	10.65	0.1	1.0	25	6	2.4	4.2	3.6	1	17
659	Raigarh	Dharmajaigarh	Chhal	83.12085	22.1234	7.45	427	0	225.7	21.3	9.0	1.4	150	22	22.8	12.2	22.2	0	7
660	Raigarh	Gharghoda	Chimtapani	83.4167	22.2722	7.33	181.1	0	91.5	10.65	0.1	1.0	70	18	6	2.8	8.9	1	1
661	Raigarh	Raighar	Chimtapani	83.3617	22.2722	7.55	568	0	140.3	60.35	32.2	0.9	125	10	24	21	90.5	1	12
662	Raigarh	Daranjaigarh	Choranga	83.46297	21.9769	7.51	610	0	140.3	78.1	12.0	1.6	195	56	13.2	33.3	1.5	1	27
663	Raigarh	Sarangarh	Damdarha	83.1167	21.4542	7.71	1921	0	451.4	223.65	79.1	1.2	390	108	28.8	141	84	1	20
664	Raigarh	Dharmajaigarh	Derpani	83.2869	22.6442	7.52	306	0	140.3	28.4	7.9	1.0	100	22	10.8	22.6	2.1	1	20
665	Raigarh	Tamnar	Devgarh	83.39631	22.13129	7.62	606	0	207.4	39.05	61.7	1.1	205	56	15.6	31.2	31.9	0	6
666	Raigarh	Dharmajaigarh	Dharmajaigarh	83.2125	22.4639	7.06	222	0	24.4	35.5	6.4	0.9	45	12	3.6	13.3	16.7	0	13
667	Raigarh	Kharsiya	Domara	83.076	22.0844	7.67	318	0	189.1	17.75	0.9	1.1	130	30	13.2	17.2	0.2	1	24
668	Raigarh	Dharmajaigarh	Duliamuda	83.1393	22.4152	7.49	364	0	176.9	24.85	5.6	1.3	130	32	12	18.6	1.3	1	22
669	Raigarh	Gharghoda	Dumarpali	83.2786	22.2947	7.44	264	0	79.3	28.4	2.3	0.9	90	26	6	12.8	1.5	1	22
670	Raigarh	Dharmajaigarh	Durgapur	83.1596	22.4805	7.2	952	0	134.2	213	9.3	1.1	310	102	13.2	35.4	5.4	0	11
671	Raigarh	Dharmajaigarh	Edu	83.1269	22.0756	7.31	797	0	195.2	113.6	36.2	1.0	275	66	26.4	38	1.4	1	19
672	Raigarh	Kharsia	Farkanara	83.1064	22.0175	7.66	315	0	183	10.65	0.3	1.1	125	26	14.4	18.4	0.2	1	24

673	Raigarh	Tamnar	Gare	83.48895	22.13577	7.07	408	0	30.5	63.9	0.2	0.9	85	16	10.8	31.9	9.6	0	5
674	Raigarh	Raighar	Gerwani	83.2024	22.02692	7.07	408	0	30.5	63.9	0.2	0.9	85	12	13.2	32.2	9.6	0	4
675	Raigarh	Gharghoda	Gharghoda	83.3542	22.1708	7.16	167	0	42.7	21.3	0.5	0.9	50	12	4.8	5.5	4	1	13
676	Raigarh	Dharmajaigarh	Golabuda	83.4042	22.6306	7.3	231	0	48.8	24.4	61.9	1.0	70	20	12	10.2	5	0	10
677	Raigarh	Raighar	Godam	83.1598	21.6701	7.29	1319	0	73.2	315.95	38.9	1.0	385	100	32.4	76.2	1.6	1	11
678	Raigarh	Ramnar	Gohri	83.6109	22.348	7.31	800	0	195.2	124.25	0.0	0.9	200	68	7.2	69.1	0.7	1	17
679	Raigarh	Dharmajaigarh	Hati	83.0958	22.3042	6.9	90.5	0	24.4	7.1	18.4	0.9	35	8	3.6	2.3	7.2	1	11
680	Raigarh	Sarangarh	Hirri	83.111	21.643	7.26	385	0	140.3	42.6	0.1	1.2	110	30	8.4	31	0.2	1	9
681	Raigarh	Dharmajaigarh	Jabga	83.1061	22.5322	6.94	92.1	0	31.5	7.1	12.5	0.9	25	8	1.2	7.2	3.9	1	9
682	Raigarh	Raigarh	Jamgaon	83.5519	21.8692	7.33	569	0	201.4	21.85	101.0	1.2	250	44	33.6	10.1	1	1	8
683	Raigarh	Raigarh	Jamgaon(Basti)	83.5519	21.8692	7.31	1056	0	244	124.25	6.6	1.2	310	56	40.8	63.5	19.5	1	14
684	Raigarh	Raigarh	Jamga railway station	83.395	21.8974	7.68	518	0	323.3	17.75	10.7	1.7	275	70	24	4.8	1.2	1	12
685	Raigarh	Lailunga	Jegarpur	83.5388	22.3481	7.63	406	0	195.2	35.5	9.3	1.7	155	46	9.6	19.9	1.1	1	32
686	Raigarh	Sarai Lengha Baram	Jhikipali	83.3244	21.4256	7.24	599	0	219.6	71.1	7.3	1.3	200	54	15.6	31.6	2.3	1	14
687	Raigarh	Sarai Lengha Baram	Jorapal	83.3244	21.4256	7.3	395	0	146.4	42.6	0.8	1.2	110	28	9.6	31.2	4.2	1	9
688	Raigarh	Sarangarh	Kanakbira	83.122	21.4603	7.31	494	0	122	67.45	0.8	1.1	175	44	15.6	22.4	0.3	1	12
689	Raigarh	Dharmajaigarh	Kandadand	83.195	22.5367	7.29	135	0	42.7	17.75	0.2	0.9	40	10	3.6	4.9	6.2	1	13
690	Raigarh	Sarai Lengha Baram	Kandola	83.2958	21.6477	7.39	577	0	295.2	35.5	2.7	1.4	270	46	37.2	10.5	1	1	8
691	Raigarh	Dharmajaigarh	Kapu	83.3375	22.6708	7.32	232	0	73.2	31.95	0.2	1.4	70	18	6	9.2	5.1	0	10
692	Raigarh	Dharmajaigarh	Karigashi	83.1425	22.5147	7.49	223	0	122.2	10.65	0.3	1.3	85	18	9.6	8.8	5.2	1	10
693	Raigarh	Dharmajaigarh	KarraMara	83.3738	22.4739	7.25	924	0	109.8	210.5	8.5	1.1	295	76	25.2	35.3	5.2	1	11
694	Raigarh	Dharmajaigarh	Kathali	83.338	21.7983	7.51	473	0	115.9	63.9	2.7	1.0	170	36	19.2	16.4	0.9	1	18
695	Raigarh	Dharmajaigarh	Katangdih	83.27985	22.15508	7.31	784	0	189.1	106.5	8.8	1.1	260	62	25.2	37	1.5	1	18
696	Raigarh	Sarangarh	Kedar	82.9362	21.6087	7.74	527	0	134.2	56.8	39.3	2.1	210	46	22.8	15.7	1.3	0	13
697	Raigarh	Raigarh	Kerajhar	83.3042	21.9611	7.23	50	0	24.4	7.1	0.0	2.2	30	8	2.4	1.5	0.5	0	1
698	Raigarh	Dharmajaigarh	Khadgaon	83.1167	22.3792	7.7	305	0	140.3	24.85	0.1	1.8	100	20	12	22.2	2	0	17
699	Raigarh	Dharmajaigarh	Khanhar	83.2517	22.5797	7.76	305	0	128.1	24.85	0.1	1.6	100	22	10.8	21.5	2	0	16
700	Raigarh	Kharsia	Kharsia	83.0986	21.9889	7.71	455	0	97.6	31.95	26.2	1.6	150	36	14.4	21.5	0.5	0	11
701	Raigarh	Tamnar	Koknara	83.3694	22.2056	7.89	351	0	225.7	7.1	0.2	1.6	180	32	24	2.9	2.8	0	3
702	Raigarh	Pusaur	Kondatarai	83.3578	21.8255	7.93	826	0	286.7	99.4	14.0	1.4	175	40	18	85.6	24.8	0	2

703	Raigarh	Pusaur	Koshmanda	83.39559	21.77149	7.93	477	0	231.8	14.2	51.4	1.8	180	22	30	36.6	1.8	0	11
704	Raigarh	Raigarh	Kotarliya	83.4611	21.8903	7.81	367	0	128.1	39.05	7.5	2.0	125	24	15.6	30.6	0.3	0	5
705	Raigarh	Raigarh	Kotra	83.3125	21.8667	7.73	483	0	103.7	63.9	25.2	1.7	175	40	18	21.5	0.5	0	7
706	Raigarh	Gharghoda	Kotrimal	83.39781	22.23154	7.86	303	0	158.6	17.75	0.9	1.7	125	22	16.8	6.4	8.2	0	4
707	Raigarh	Dharmajaigarh	Kurekela	83.1042	22.2042	7.81	228	0	128.1	3.55	0.1	2.1	75	22	4.8	9.4	5.6	0	6
708	Raigarh	Lailunga	Lailunga	83.5833	22.3833	7.77	765	0	158.6	120.7	29.3	2.1	175	54	9.6	69	1.1	0	14
709	Raigarh	Dharmajaigarh	Lakshampur	83.21368	22.50982	7.74	462	0	97.6	60.35	32.1	1.6	170	32	21.6	15.6	1.2	0	12
710	Raigarh	Lailunga	Laripani	83.4708	22.3375	7.82	357	0	158.6	31.95	3.7	2.1	135	38	9.6	17.4	1.4	0	26
711	Raigarh	Sarai Lengha Baram	Lendhra	83.2941	21.4929	7.8	571	0	122	78.1	21.0	2.1	145	48	6	31.5	2.5	0	9
712	Raigarh	Dharmajaigarh	Lipti	83.3797	22.6508	7.45	230	0	30.5	31.95	3.7	2.1	50	12	4.8	13.6	13	0	8
713	Raigarh	Shakti	Mahpalli	83.5358	22.6591	7.776	422	0	128.1	53.25	0.7	1.8	110	24	12	34.4	0.9	1	14
714	Raigarh	Sarai Lengha Baram	Mahuapali	83.2778	21.6322	7.92	465	0	219.6	10.65	40.2	1.3	175	22	28.8	34.4	1.2	1	11
715	Raigarh	Sarai Lengha Baram	Malda (B)	83.1956	21.5589	7.77	575	0	128.1	74.55	18.0	1.5	190	44	19.2	27.6	2.5	1	8
716	Raigarh	Sarai Lengha Baram	Milupara	83°31'34"	22°11'21"	7.83	605	0	207.4	42.6	58.4	2.1	200	58	13.2	30.2	18.2	0	1
717	Raigarh	Dharmajaigarh	Munund	83.0892	22.2372	7.48	93	0	30.5	7.1	0.1	2.1	25	4	3.6	6.1	3	0	3
718	Raigarh	Pusaur	Nawrangpur	83.2297	21.85	7.39	492	0	48.8	67.45	19.7	1.6	180	38	20.4	21.5	0.15	1	7
719	Raigarh	Dharmajaigarh	Qngana	83.2366	22.4402	7.73	1340	0	250.1	28.4	45.2	2.1	375	28	73.2	76.5	1.9	1	6
720	Raigarh	Raigarh	Padigaon	83.48411	22.05065	7.68	583	0	128.1	53.25	26.8	2.1	130	22	18	22.3	54.2	1	6
721	Raigarh	Lailunga	Pakargaon	83.6125	22.3856	7.86	306	0	170.8	17.75	0.1	1.8	115	46	0	15.3	1.6	0	19
722	Raigarh	Sarangarh	Pindri	83.1578	21.6639	7.98	1024	0	195.2	120.7	90.7	1.4	300	16	62.4	64.7	20	0	9
723	Raigarh	Raigarh	Raigarh	83.3972	21.8917	7.61	191	0	61	10.65	23.2	1.5	75	22	4.8	4.8	3	0	0
724	Raigarh	Lailunga	Rajpur	83.4872	22.4353	7.761	245	0	97.6	24.85	0.1	1.7	80	26	3.6	14.2	1.6	0	2
725	Raigarh	Sarangarh	Reda	83.0881	21.63	7.72	940	0	97.6	209.45	3.6	1.7	295	16	61.2	36.5	6.3	0	5
726	Raigarh	Pusaur	Rengelpali	83.4758	21.7633	8.04	449	0	213.5	7.1	46.7	2.1	160	20	26.4	34.7	1.2	0	10
727	Raigarh	Lailunga	Salkhiya	83.5206	22.4153	7.71	173	0	73.2	14.2	0.1	0.1	75	16	8.4	6.4	0.7	0	18
728	Raigarh	Gharghoda	Samarumi	83.3458	22.0842	7.22	35	0	12.2	7.1	0.0	2.3	20	2	3.2	2	0.4	0	0
729	Raigarh	Raigarh	Sambalpur	83.4538	21.9369	7.55	384	0	176.9	7.1	34.1	1.6	190	38	22.8	7.5	0.4	0	8
730	Raigarh	Sarangarh	Sariya	83.3595	21.63896	7.64	285	0	170.8	7.1	0.0	2.0	140	46	6	4.2	0.8	0	0
731	Raigarh	Pusaur	Semra	83.2531	21.7653	7.73	995	0	195.2	120.7	89.5	1.7	285	32	49.2	64.4	19.8	0	8
732	Raigarh	Dharmajaigarh	Shahpur	83.1821	22.4774	7.98	316	0	183	10.65	0.0	1.9	120	38	6	16.6	0.4	0	19

733	Raigarh	Dharmajaigarh	Sirsinga	83.3069	22.4556	7.73	1368	0	61	323.05	0.0	2.6	395	54	62.4	78.9	2.2	0	9
734	Raigarh	Pusaur	Surajgarh	83.3853	21.6925	7.84	388	0	183	14.2	51.4	1.6	165	54	7.2	77	0.4	0	7
735	Raigarh	Pusaur	Tadola	83.3806	21.7958	7.79	374	0	170.8	7.1	30.7	1.6	170	20	28.8	7.5	0.4	0	6
736	Raigarh	Tamnar	Tamnar	83.4427	22.09215	7.46	190.6	0	61	10.65	17.1	1.5	80	18	8.4	4.5	3.1	0	0
737	Raigarh	Tamnar	Taraimal.1	83.3792	22.0583	7.76	617	0	201.3	35.5	52.0	1.8	215	58	16.8	31.3	14.9	0	0
738	Raigarh	Dharmajaigarh	Taraimar	83.1829	22.451	7.756	427	0	140.3	46.15	0.0	2.0	120	32	9.6	34.7	1	0	9
739	Raigarh	Dharmajaigarh	Tendumar	83.2269	22.4336	7.22	41.8	0	18.3	3.55	0.0	2.3	25	8	1.2	1.3	0.58	0	3
740	Raigarh	Gharghoda	Teram (New)	83.34444	22.22289	7.78	361	0	128.1	21.3	0.6	1.6	150	32	16.8	14.4	2.1	0	18
741	Raigarh	Pusaur	Tetla	83.3292	21.7917	7.57	478	0	109.8	53.25	17.6	1.3	150	40	12	22.8	0.6	1	5
742	Raigarh	Dharmajaigarh	Ududa	83.1203	22.4938	7.82	223	0	129.32	3.55	0.0	1.7	95	16	13.2	9.6	5.9	0	2
743	Raigarh	Kharsia	Ulda	83.0599	22.0508	7.64	230	0	128.1	7.1	0.0	1.6	105	24	10.8	3.9	0.8	0	0
744	Raigarh	Gharghoda	Chukiman	80.9958	21.525	7.67	425	0	219.6	24.85	0.0	1.9	140	28	16.8	11.2	35.4	0	2
745	Raigarh	Lailunga	Futahamuda	83.2163	22.3504	7.25	123	0	36.6	7.1	1.2	2.0	65	12	8.4	3.4	4.1	0	5
746	Raigarh	Lailunga	Gosaidih	83.55726	22.36218	7.53	335	0	135.3	35.5	0.9	0.7	70	22	3.6	35.7	0.75	0	8
747	Raigarh	Kansabela	Garaibandh	83.5415	22.578	7.78	604	0	158.6	21.3	11.5	0.0	230	30	37.2	36.6	0.86	0	23
748	Raigarh	Sarangann	KargiPali	83.0434	21.4805	7.74	439	0	219.6	31.95	0.7	0.8	130	28	14.4	40.8	2.1	0	12
749	Raigarh	Tamnar	Dourabhata PZ	82.2334	22.1831	7.4	404	0	30.5	49.7	13.2	2.0	130	14	22.8	31.8	9.3	0	1
750	Raigarh	Gharghoda	Amlidhi	83.3327	22.1126	7.13	164	0	36.6	29	0.3	0.9	50	12	4.8	7.1	4.4	0	14
751	Raipur	Arang	Umara station	81.8667	21.2	7.01	321	0	110	35	12	0.5	120	20	17	17	4	0	10
752	Raipur	Aurang	Godhi	81.4545	21.2968	6.98	607	0	146	92	42	0.5	240	56	24	38	1	0	10
753	Raipur	Arang	Nawagaon	81.8125	21.2234	6.99	772	0	183	121	38	0.1	320	76	31	33	1	0	11
754	Raipur	Abhanpur	Abhanpur	81.7717	21.0417	7.17	652	0	317	28	8	0.1	70	8	12	118	2	0	8
755	Raipur	Abhanpur	Bajrangpur	81.8111	20.9833	7.19	555	0	207	50	27	0.1	190	52	14	37	1	0	10
756	Raipur	Arang	Bhatia	82.0348	21.4266	6.96	306	0	73	50	10	0.6	90	16	12	28	1	0	8
757	Raipur	Tilda	Biladi	81.7831	21.5728	6.98	669	0	207	71	36	0.5	260	72	19	43	2	0	10
758	Raipur	Tilda	Chicholi	81.865	21.4658	6.96	431	0	134	57	32	0.5	180	52	12	26	1	0	10
759	Raipur	Dharsinwa	Chrauda	81.6722	21.38	6.99	684	0	268	57	43	0.5	250	84	10	55	3	0	8
760	Raipur	Dharsinwa	Devpuri	81.6778	21.2083	6.95	563	0	207	50	50	0.5	200	52	17	48	3	0	9
761	Raipur	Darsinwa	Devri	81.6833	21.466	6.98	780	0	256	71	55	0.5	220	76	7	66	46	0	13
762	Raipur	Dharsinwa	Dharsinwa	81.6722	21.4083	6.97	629	0	207	50	54	0.5	260	68	22	29	3	0	10
763	Raipur	Dharsinwa	Dumartarai	81.6905	21.1982	6.8	621	0	146	92	55	0.2	210	68	10	61	1	0	7

764	Raipur	Arang	Ghivera	81.9752	21.3691	6.95	492	0	268	7	10	0.6	200	28	31	24	2	0	8
765	Raipur	Abhanpur	Gotiadih	81.6791	21.0182	7.01	505	0	171	64	26	0.5	200	52	17	37	1	0	13
766	Raipur	Kharora	Kanki	81.9507	21.3922	6.82	626	0	159	64	57	0.3	220	64	14	37	1	0	6
767	Raipur	Arang	Kasrangi	81.9806	21.3651	6.87	625	0	159	85	54	0.3	220	68	12	18	11	0	7
768	Raipur	Abhanpur	Kendri	81.7411	21.1016	6.86	570	0	207	46	24	0.7	250	56	26	17	1	0	14
769	Raipur	Tilda	Kharora	81.9208	21.3875	6.82	383	0	110	50	15	0.6	125	36	8	36	0	0	8
770	Raipur	Abhanpur	Kurra	81.7833	21.1127	6.82	517	0	183	64	22	0.7	200	56	14	36	0	0	8
771	Raipur	Dharsinwa	manabasti	81.7292	21.1667	6.8	559	0	195	50	25	0.8	210	64	12	31	2	0	15
772	Raipur	Dharsinwa	Mandhar	81.7103	21.3528	6.84	610	0	146	85	54	0.3	210	64	12	46	1	0	8
773	Raipur	Dharsinwa	Mandirhasud	81.7667	21.2208	6.24	576	0	220	43	23	0.7	200	64	10	35	1	0	14
774	Raipur	Tilda	Math	81.9026	21.395	6.95	1263	0	171	248	52	0.7	380	64	53	98	2	0	14
775	Raipur	Palari	Palari	82.1625	21.5292	6.99	329	0	183	14	5	0.3	140	36	12	19	1	0	5
776	Raipur	Tilda	Pandan Bhata	81.6519	21.4428	6.82	547	0	146	71	30	0.2	190	52	14	38	0	0	8
777	Raipur	Arang	Piparhatta	82.1012	21.6228	6.93	623	0	183	64	44	0.3	240	64	19	36	0	0	8
778	Raipur	Dharsinwa	Raipur	81.6208	21.2444	7	636	0	159	92	50	0.3	270	64	26	36	0	0	6
779	Raipur	Tilda	Raita (Satna ni para)	81.7174	21.4428	6.99	624	0	159	71	46	0.2	220	64	14	33	0	0	7
780	Raipur	Arang	Ranisagar	82.0281	21.2783	6.98	576	0	159	71	46	0.2	200	64	10	45	0	0	8
781	Raipur	Dharsinwa	Ravishankar University	81.5891	21.24	6.77	350	0	110	14	70	0.6	170	48	12	9	1	0	6
782	Raipur	Dharsiwa	Sakara	81.6569	21.3542	6.98	371	0	195	14	11	0.3	130	40	7	28	2	0	7
783	Raipur	Tilda	Saragaon	81.8069	21.3667	7.03	515	0	244	21	10	0.2	190	64	19	29	2	0	7
784	Raipur	Dharsinwa	Semoriya	81.7623	21.3302	7	667	0	232	64	17	0.5	250	56	26	33	2	0	8
785	Raipur	Tilda	Tarpongi	81.6892	21.4906	6.98	395	0	171	14	19	0.6	160	48	10	12	1	0	16
786	Rajnandgaon	Rajnandgaon	Anjora	81.21444444	21.15361111	7.51	824	0	114	131.35	42	0.0	275	78	19.2	43.4	6.99	0	10
787	Rajnandgaon	Khairagarh	Badaitola	80.97891	21.34769	7.85	450	0	132	56.8	17.4	0.5	100	34	3.6	58.5	1.13	0	11
788	Rajnandgaon	Rajnandgaon	Baghera	81.1242	21.1862	7.7	877	0	72	195.25	53	0.1	275	92	10.8	56.4	2.8	0	14
789	Rajnandgaon	Khairagarh	Baigatola	80.8458	21.3875	7.71	679	0	204	88.75	24	0.1	190	60	9.6	50	40.1	0	14
790	Rajnandgaon	Ambagarh Chowki	Bandhabazar	80.7417	20.8333	7.59	492	0	114	74.55	33	0.2	180	46	15.6	24.9	1.5	0	10
791	Rajnandgaon	Rajnandgaon	Bhaistara (Bhatapara)	81.02957	21.31818	7.64	390	0	138	46.15	16	1.0	160	46	10.8	11.9	4.8	0	40
792	Rajnandgaon	Dongargarh	Bharritola	80.7358	21.2041	7.7	335	0	168	17.75	8.4	0.2	100	24	9.6	40	0.1	0	14
793	Rajnandgaon	Chhuikadhan	Bhorampur	81.01321	21.55682	7.53	1241	0	156	205.9	68	0.0	175	34	21.6	129	40	0	12

794	Rajnandgaon	Rajnandgaon	Bori	81.05888889	21.14222222	7.61	901	0	168	145.55	39	0.2	335	78	33.6	40.5	12	0	28
795	Rajnandgaon	Chhuriya	Chirchari	80.779631	20.965776	7.58	548	0	138	81.65	34	0.3	210	48	21.6	35	16	0	14
796	Rajnandgaon	Chuikhadan	Chuikhadan	80.9958	21.525	7.63	647	0	162	67.45	62	0.7	220	48	24	46.5	0.36	0	12
797	Rajnandgaon	Rajnandgaon	Dewada	81.00661	21.4088	7.64	621	0	246	53.25	43	0.6	160	44	12	48.5	36.3	0	12
798	Rajnandgaon	Khairagarh	Dhaneli	81.00661	21.4088	7.76	1101	0	336	142	46	0.7	350	86	32.4	58	42	0	23
799	Rajnandgaon	Dongargarh	Dhara	80.8594	21.255	7.37	590	0	60	78.1	20	0.7	170	56	7.2	23	39	0	36
800	Rajnandgaon	Dongargaon	Dongargaon.1	80.8569	20.9708	7.58	734	0	126	99.4	62	0.4	215	54	19.2	54.6	10	0	23
801	Rajnandgaon	Dongargarh	Dongargarh	80.7597	21.1847	7.54	541	0	192	53.25	17	0.4	195	44	20.4	37	0.8	0	3
802	Rajnandgaon	Chhuikadhan	Gandaipandaria	81.0953	21.6644	7.52	490	0	126	46.15	25.8	0.0	180	44	16.8	26	0.57	0	20
803	Rajnandgaon	Dongargarh	Ghortalab	80.527176	21.120093	7.54	425	0	126	39.05	15.1	0.0	180	58	8.4	7.6	0.64	0	9
804	Rajnandgaon	Rajnandgaon	Gidhwah	81.1195	21.2717	7.73	1152	0	132	202.35	59	0.7	350	78	37.2	87.1	0.5	0	21
805	Rajnandgaon	Dongargarh	Govindpur	80.70165	21.09978	7.74	320	0	108	28.4	11	0.0	120	40	4.8	17.4	0.3	0	7
806	Rajnandgaon	Khairagarh	Jalbanda	81.15449	21.36481	7.58	1252	0	120	234.3	59	0.2	370	86	37.2	97.9	1.93	0	10
807	Rajnandgaon	Rajnandgaon	Joratarai	81.1854	21.1909	7.66	355	0	96	35.5	17.4	0.2	110	44	0	17.1	0.4	0	23
808	Rajnandgaon	Dongargarh	kalkosa	80.79263	21.21492	7.77	403	0	180	31.95	8.3	0.5	150	34	15.6	23.1	1.37	0	14
809	Rajnandgaon	Dongargarh	Kalyanpur	80.7458	20.9917	7.82	345	0	192	10.65	9	0.1	125	22	16.8	25.1	0.92	0	12
810	Rajnandgaon	Khairagarh	Khairagarh	80.9708	21.4333	7.66	1203	0	102	173.95	77.3	0.1	410	94	42	57.3	2.7	0	19
811	Rajnandgaon	Dongargaon	Kokpur I	80.7458	20.9917	7.74	831	0	186	88.75	46.9	0.5	260	62	25.2	55.9	1.08	0	22
812	Rajnandgaon	Dongargaon	Kumarda.1	80.7686	20.8906	7.7	190	0	66	14.2	10.3	0.1	65	18	4.8	11.8	0.33	0	20
813	Rajnandgaon	Dongargarh	Lal bhadurnagar	80.6861	21.1	7.73	807	0	120	81.65	18.7	0.0	265	70	21.6	25.8	25.9	0	7
814	Rajnandgaon	Khairagarh	Madrakuhi	81.07236	21.38716	8.01	535	0	312	7.1	6.9	0.4	90	12	14.4	91	2.17	0	8
815	Rajnandgaon	Rajnandgaon	Maladabri	81.0295	21.3448	7.97	300	0	132	14.2	1.9	0.3	105	26	9.6	19	0.35	0	24
816	Rajnandgaon	Dongargaon	Mohar/Mohad	80.8162	20.9583	7.74	608	0	150	88.75	9.6	0.3	265	46	36	8.8	1.07	0	4
817	Rajnandgaon	Chhuikadhan	Mohgaon	80.9592	21.7069	7.89	844	0	282	67.45	45.1	0.7	95	28	6	99.2	2.9	0	10
818	Rajnandgaon	Rajnandgaon	Murhipar	81.1569	21.1947	7.85	324	0	126	31.95	3.7	0.2	120	24	14.4	18.1	0.7	0	10
819	Rajnandgaon	Chhuikadhan	Narmada	81.07236	21.62162	7.73	1126	0	90	191.7	47.1	0.4	305	48	44.4	82	2.4	0	10
820	Rajnandgaon	Rajnandgaon	Nawagaon	81.149941	21.1686	7.89	488	0	222	21.3	16.4	0.1	160	34	18	30	2.03	0	10
821	Rajnandgaon	Rajnandgaon	Patewa	81.10377	21.3399	8.05	604	0	384	14.2	10.5	0.6	155	32	18	81.2	0.6	0	18
822	Rajnandgaon	Dongargarh	Ramatola	80.71152	21.12563	7.91	842	0	300	85.2	18.6	1.1	45	10	4.8	165	2	0	6
823	Rajnandgaon	Khairagarh	Rangkathera	81.1125	21.3672	7.6	805	0	180	92.3	56.6	0.9	130	28	14.4	101	0.59	0	15
824	Rajnandgaon	Dongargarh	Ranitalab	80.63972222	21.08305556	7.66	1020	0	90	159.75	34.6	0.4	300	88	19.2	58	3.1	0	10

825	Rajnandgaon	Rajnandgaon	Ranitarai	81.0542	20.9978	7.97	1610	0	288	230.75	89	0.5	265	28	46.8	200	4.5	0	11
826	Rajnandgaon	Rajnandgaon	Reevadih	80.99352	21.08622	7.85	1366	0	168	195.25	76.4	0.5	305	48	44.4	120	0.69	0	19
827	Rajnandgaon	Dongargarh	Reevagaon	80.82568	21.21951	7.7	1300	0	84	177.5	69.9	1.5	450	114	39.6	43	0.9	0	10
828	Rajnandgaon	Rajnandgaon	Revagahan	81.0058	21.1183	7.93	240	0	114	14.2	8.1	0.9	65	20	3.6	23	0.3	0	27
829	Rajnandgaon	Chhuriya	SadakBanjari	80.4517	21.0607	8.1	930	0	486	31.95	34.6	0.7	165	42	14.4	115	35.2	0	11
830	Rajnandgaon	Khairagarh	Salgapat	80.9125	21.3167	8.08	1201	0	672	10.65	12.5	0.8	125	12	22.8	198	1	0	19
831	Rajnandgaon	Khairagarh	Salhebara	80.8875	21.3983	7.77	419	0	120	42.6	3.4	0.1	155	48	8.4	8.9	0.8	0	9
832	Rajnandgaon	Rajnandgaon	Saloni	81.1331	21.2819	7.55	1270	0	156	205.9	75.3	0.4	400	102	34.8	78	2.8	0	10
833	Rajnandgaon	Rajnandgaon	Sundara	81.08666667	21.11333333	7.7	980	0	144	216.55	6.3	0.4	255	58	26.4	74.8	1.1	0	9
834	Rajnandgaon	Rajnandgaon	Talai	81.0361	21.1667	8.15	456	0	186	39.05	8.8	0.6	205	34	28.8	6.5	0.52	0	10
835	Rajnandgaon	Dongargarh	Tappa	81.08666667	21.11333333	7.86	1157	0	210	142	51	0.4	215	36	30	125	1.7	0	10
836	Rajnandgaon	Khairagarh	Talagaon	81.0361	21.1667	7.84	633	0	186	60.35	33	0.2	210	34	30	35	2.3	0	9
837	Rajnandgaon	Rajnandgaon	Uperwah	81.14027778	21.24472222	7.88	432	0	210	17.75	18.5	1.3	110	28	9.6	47	0.34	0	16
838	Rajnandgaon	Dongargarh	Uraidabritola	80.7381	21.0822	7.7	1087	0	138	60.35	270	0.1	375	72	46.8	68.9	2.5	0	10
839	Rajnandgaon	Chhuriya	Ambagarh chowki	80.74166667	20.775	8.28	273	0	201	11	3.5	0.5	120	42	3.6	5.5	0.55	0	10
840	Rajnandgaon	Rajnandgaon	Bhatgaon	81.06888889	21.28833333	8.08	1345	0	176.9	220	84.3	0.7	415	112	30	72	17.5	0	12
841	Rajnandgaon	Rajnandgaon	Padumtara	81.04277778	21.19472222	8.44	1292	0	152.5	106.5	37.1	0.3	110	60	12	195	25.5	0	7
842	Rajnandgaon	Rajnandgaon	Singhola	81.03333333	21.03472222	8.2	552	0	268	11	6.3	0.3	115	50	14	25.6	0.78	0	8
843	Surajpur	Prem nagar	Katarouli (Harrapara)	82.5557	22.5778	6.84	95	0	28.3	7	0	0.0	30	6	4	9	2	0	9
844	Surajpur	Premnagar	Abhaypur	82.7347	22.9097	6.79	96.7	0	30.5	18	0	0.0	30	8	2	4	6	0	10
845	Surajpur	Pratappur	Banshipur	82.730283	23.2487163	7.15	127.9	0	42.7	14	3	0.0	60	8	5	6	3	0	8
846	Surajpur	Pratappur	Bhediya	83.1566	23.5854	6.96	249	0	91.5	14	9	0.8	70	20	5	26	1	0	25
847	Surajpur	Bhaiyathan	Chainpur	82.8520549	23.3857111	6.82	77	0	24.4	14	0	0.1	30	8	2	3	1	0	12
848	Surajpur	Bhaiyathan	Dalabahara(Bhaskar)	82.6861751	23.4028705	6.9	84	0	31.6	7	7	0.1	30	8	2	4	2	0	12
849	Surajpur	Pratappur	Dawankera	82.9133915	23.4071169	7.19	254	0	85.4	21	1	0.4	95	22	10	11	2	0	21
850	Surajpur	Pratappur	Karajwar	83.1033372	23.5133536	6.91	237	0	67.1	36	1	0.5	75	18	7	17	3	0	23
851	Surajpur	Bhaiyathan	Khandapara	82.652822	23.3542584	7.32	484	0	128.1	64	24	0.3	165	54	7	19	2	0	19
852	Surajpur	Surajpur	Narayanpur	82.6353024	23.1894466	7	188.3	0	85.4	15	5	0.0	65	14	7	10	3	0	8
853	Surajpur	Pratappur	Podi	83.6237174	23.3957342	7.13	319	0	97.6	32	9	0.3	95	24	8	26	2	0	22
854	Surajpur	Surajpur	Surajpur	23.1775127	82.3672674	7.55	646	0	207.4	57	70	0.1	135	42	7	83	2	0	12
855	Surajpur	Pratappur	Dwarikanagar	83.1885	23.285	7.13	123.6	0	61	7	5	0.1	50	14	4	2	4	0	12

856	Surajpur	Ramanujnagar	Jagatpur Podipara	82.6603	23.0942	7.07	307	0	128.1	25	14	0.6	95	28	6	23	2	0	20
857	Surajpur	Surajpur	Krishnapur(kalwa)	82.8233	23.2439	7.64	646	0	207.4	64	64	0.1	125	42	5	81	2	0	12
858	Surajpur	Bhaiyathan	Samouli(Bhayathan)	82.7652087	23.4244244	6.91	476	0	134.2	60	28	0.0	180	54	11	9	6	0	18
859	Surajpur	Premnagar	Shivnagar	82.7882	22.8815	7.16	84.5	0	30.5	7	0	0.1	25	10	0	2	6	0	13
860	Surajpur	Surajpur	Badsara	82.77083333	23.34444444	7.47	371	0	158.6	39	7	0.2	155	42	12	12	2	0	12
861	Surajpur	Surajpur	Biharpur	82.921	23.2721	7.18	155	0	54.9	18	4	0.0	55	12	6	4	4	0	12
862	Surajpur	Pratappur	Chandora	83.15694444	23.51111111	7.39	398	0	183	25	15	0.4	195	42	22	14	2	0	16
863	Surajpur	Pratappur	Darhora	82.8346	23.4421	7.27	273	0	109.8	28	8	0.3	100	28	7	14	1	0	18
864	Surajpur	Surajpur	Deonagar	82.80333333	23.24	7.38	358	0	213.5	11	0	0.2	180	52	12	5	2	0	9
865	Surajpur	Premnagar	Fulkona	82.6672	23.025	7.37	504	0	213.5	25	36	0.3	235	50	26	22	1	0	20
866	Surajpur	Ramanujnagar	Ganeshpur	82.63527778	23.08055556	7.38	461	0	256.2	25	6	1.5	120	24	14	58	2	0	15
867	Surajpur	Pratappur	Gonda	83.05833333	23.42916667	7.45	260	0	152.5	7	0	2.7	125	26	14	5	6	0	9
868	Surajpur	Premnagar	Hanumangarh	82.6476	23.0629	7.77	579	0	335.5	25	12	3.2	15	4	1	137	1	0	10
869	Surajpur	Pratappur	Jagannathpur	83.195	23.37861111	7.37	712	0	378.2	36	39	0.2	90	30	4	58	8	0	4
870	Surajpur	Surajpur	Jaynagar	82.97166667	23.18472222	7.51	385	0	256.2	4	4	0.5	105	10	19	49	2	0	12
871	Surajpur	Surajpur	Kaliyanpur	83.2	23.24722222	7.2	160	0	30.5	25	0	0.2	75	14	10	4	6	0	12
872	Surajpur	Surajpur	Kanakpur	83.0555	23.1869	7.07	118.6	0	54.9	14	3	0.1	55	10	7	3	5	0	9
873	Surajpur	Surajpur	Majeera	82.9514	23.1482	6.32	186.6	0	73.2	18	4	0.2	80	16	10	7	2	0	6
874	Surajpur	Bhaiyathan	Odigi	82.80888889	23.47388889	7.39	471	0	128.1	64	27	0.1	160	50	8	20	2	0	7
875	Surajpur	Surajpur	Pachira	82.8013	23.1937	7.51	402	0	228.4	11	7	0.4	115	30	10	39	2	0	17
876	Surajpur	Ramanujnagar	Parasrampur	82.79388889	23.08333333	7.3	590	0	195.2	60	22	0.3	230	78	8	25	1	0	12
877	Surajpur	Pratappur	Pratappur	83.20277778	23.48333333	7.37	229	0	146.4	11	3	0.3	110	28	10	6	2	0	24
878	Surajpur	Premnagar	Premnagar	82.69583333	22.96666667	7.35	713	0	213.5	82	22	0.4	285	72	25	26	1	0	26
879	Surajpur	Ramanujnagar	Ramanuj nagar	82.725	23.15	7.35	591	0	195.2	82	23	0.2	225	58	19	25	1	0	25
880	Surajpur	Pratappur	Reonti	83.17638889	23.64777778	7.8	396	0	195.2	21	18	0.4	200	30	30	12	2	0	12
881	Surajpur	Surajpur	Sirsi	82.86305556	23.35277778	7.4	217	0	96.4	18	5	0.2	90	24	8	7	1	0	18
882	Surajpur	Pratappur	Songara	83.07916667	23.3	7.8	123	0	31	7	1	0.5	35	10	2	3	10	1	1
883	Surajpur	Premnagar	Tara	82.74166667	22.84166667	8.2	100	0	47	7	4	0.6	40	8	4	4	4	0	21
884	Surguja	Ambikapur	Ambikapur	83.2	23.10833333	8.1	474	0	214	14	16	0.5	145	40	11	31	5	0	43
885	Surguja	Lundra	Amdih	83.4059	23.2265	8	625	0	165	82	25	0.5	170	40	17	43	9	1	22
886	Surguja	Lakhanpur	Amgachi	83.0084	22.95	7.9	515	0	177	61	7	1.9	185	52	13	33	11	0	16

887	Surguja	Mainpat	Amgaon	83.2986	22.9194	8.2	215	0	79	25	5	0.5	75	20	6	20	1	0	22
888	Surguja	Ambikapur	Baghima	83.31388889	23.24166667	8.1	365	0	100	40	19	0.5	130	44	5	13	3	21	18
889	Surguja	Batauli	Bandana	83.41388889	22.84722222	8.2	104	0	61	15	3	0.5	60	14	6	7	2	0	21
890	Surguja	Batauli	Belkota	23.0208	83.3854	8.1	140	0	79	14	3	0.5	50	4	10	14	2	0	47
891	Surguja	Lundra	Bulga	83.35416667	23.1	7.9	403	0	128	59	15	0.5	125	38	7	29	1	0	30
892	Surguja	Ambikapur	Chatakpur	83.2221	22.9694	8.1	151	0	92	11	4	0.5	70	16	7	9	1	0	25
893	Surguja	Udeypur	Dandgaon	82.85694444	22.895	7.85	123	0	50	14	3	0.6	50	14	3	6	2	0	3
894	Surguja	Lundra	Dandgaon(koltapara)	83.3831	23.1097	7.69	110	0	43	14	1	0.6	40	10	4	4	6	0	10
895	Surguja	Ambikapur	Darima	83.23027778	23.00305556	8.01	137	0	60	14	1	0.5	45	16	1	6	2	0	13
896	Surguja	Lundra	Dhaurpur	83.43833333	23.195	8	190	0	18	32	6	0.6	50	14	4	11	10	0	11
897	Surguja	Udaypur	Jajga	82.7846533	22.9361507	8	426	0	110	68	7	1.9	435	56	11	13	0	0	6
898	Surguja	Mainpat	Kamleswarpur	83.28805556	22.82916667	8.2	104	0	55	11	1	0.5	34	12	1	12	1	0	24
899	Surguja	Ambikapur	Katkalo	83.2072	23.0627	8.1	286	0	128	7	5	0.5	110	28	10	2	3	0	13
900	Surguja	Lakhanpur	Kunni	83.06666667	22.86666667	8.1	176	0	31	32	2	0.5	55	12	6	7	18	0	12
901	Surguja	Lakhanpur	Lakhanpur	83.04027778	22.98305556	8.1	175	0	34	25	2	0.5	55	12	1	7	17	0	12
902	Surguja	Lundra	Lundra	83.40833333	23.11666667	8.2	529	0	195	64	7	0.5	70	18	6	90	1	1	13
903	Surguja	Batauli	Mangari	83.45	22.90555556	7.7	162	0	31	18	1	0.5	65	16	6	4	9	0	9
904	Surguja	Mainpat	Nagdand	83.29166667	22.89583333	7.3	102	0	37	7	1	0.5	30	10	1	13	0	0	14
905	Surguja	Ambikapur	Nawapara	83.26388889	22.95222222	7.8	297	0	141	15	3	0.5	125	30	7	14	0	0	10
906	Surguja	Ambikapur	Parsa	83.2675	23.18777778	7.67	256	0	128	7	2	0.5	110	28	10	2	3	0	10
907	Surguja	Sitapur	Pratapgarh	83.47638889	22.73333333	7.23	161	0	67	11	3	0.4	60	20	2	5	1	0	8
908	Surguja	Ambikapur	Rajpurikhurd	83.2465	23.1649	8.1	399	0	207	4	0	0.4	80	14	10	58	2	0	11
909	Surguja	Batauli	Sedam	83.2967	22.9366	8.17	742	0	261	61	18	0.4	300	78	26	34	9	0	14
910	Surguja	Lakhanpur	singhitana	82.9647	23.0014	7.81	298	0	171	14	5	0.4	150	40	12	12	0	0	19
911	Surguja	Lundra	Sisila	83.38453	23.03234	7.52	210	0	90	14	3	0.5	110	30	5	6	1	0	14
912	Surguja	Sitapur	Sitapur	83.0983	22.911	7.9	160	0	67	11	3	0.4	65	20	2	5	13	0	12
913	Surguja	Sitapur	Sontarai (Sitapur)	83.4821	22.8026	8.1	156	0	61	7	2	0.4	60	18	5	1	22	0	8
914	Surguja	Lundra	Sumerpur	83.0536	22.9805	7.7	432	0	214	14	19	0.6	145	40	11	30	5	0	26
915	Surguja	Ambikapur	Gangapur	23.2829	83.0781	8.1	105	0	36	7	1	0.6	30	10	1	3	0	0	15
916	Surguja	Udeypur	Udaipur	82.95	22.90833333	8.1	114	0	48	14	2	0.6	45	16	1	6	2	0	13
917	Surguja	Lakhanpur	Udaipur Dhah	83.1	23.05833333	8.1	106	0	56	7	14	0.5	60	14	6	7	2	0	21

