



GROUND WATER QUALITY YEARBOOK OF MADHYA PRADESH FOR 2023-24

**Central Ground Water Board,
Department of Water Resources, River
Development and Ganga Rejuvenation
Ministry of Jal Shakti
September 2024**

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Prepared by

**Dr. V.K. Kulshreshtha, Sc-C
Sh. Jitendra Kumar, STA (Chemical)
Ms. Adiba Khan, STA (Chemical)**

Supervision by

Sri A.K. Biswal, Regional Director

**Central Ground Water Board, North Central Region, Bhopal
Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti
Govt. of India
2024**

A.K.Biswal
Regional Director

Government of India
Ministry of Jal Shakti
Department of Water Resources, River
Development and Ganga Rejuvenation
Central Ground Water Board
North Central Region
Bhopal

Foreword

Water quality is one of the main challenges that societies will face during this century. Over the last few years much of the attention in ground water has shifted from problem of ground water supply to considerations of ground water quality. Groundwater contamination recently has come to the attention of the public as incidents of contamination are being reported from many districts.

Central Ground Water Board for the last nearly six decades has been carrying out hydrogeological and hydro chemical investigations and has generated voluminous data. Central Ground Water Board, NCR, Bhopal monitors groundwater quality throughout the State of MP, once in 5 years during the months of May, from a network of monitoring stations called "National Hydrograph Network Stations (NHNS)", which comprises open dug wells (Back Ground monitoring) This report has been prepared based on the analytical results obtained from the water samples collected from selected 25% of these NHNS stations for the purpose of Trend Monitoring in both Pre-Monsoon and Post-Monsoon Season 2023.

This report contains compilation and statistical analysis of Water Quality Monitoring data observed at NHNS Trend monitoring stations during the Water Year (April 2023 to March 2024). The data has been interpreted to know the affected locations. The report attempts to briefly describe an over view and general conclusion based on the basis of water quality data of water samples as well as comparative study of water quality during pre-Monsoon and Post-Monsoon season as well as Trend Analysis based on Past Years data. This report will provide knowledge about state-wide chemical quality and reflect extent of contaminants occurring in groundwater.

I am sure that this report will be of immense use for the administrators, planners, academicians and other stake holders in the field of Ground water quality management.

The sincere efforts made by Dr V.K. Kulshreshtha, Sh Jitendra Kumar and Ms. Adiba Khan in compilation of data and preparation of this report in present form is highly appreciable.

(A.K. Biswal)
Regional Director

Bhopal
September, 2024

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1.0 INTRODUCTION

The quality of groundwater is a very sensitive issue. Groundwater is never pure and contains varying amounts of dissolved solids, the type and concentration depend on its source, surface and sub-surface environment, rate of groundwater movement, the residence time, the solubility of minerals present and the amount of dissolved carbon dioxide. In addition to the natural changes, anthropogenic activities such as sewage disposal, agricultural practices, industrial pollution etc. also contribute significantly to changes in groundwater quality. Once the contaminants have entered to the sub-surface geological environment, they may remain concealed for many years and may get dispersed over wide areas. Weathering of rock and mineral solubility controls the major ion composition of groundwaters. With increasing anthropogenic activities, a substantial amount of dissolved matter is added to groundwater. The ground water resources are being utilized for drinking, irrigation and industrial purposes. However, due to rapid growth of population, urbanization, industrialization and agriculture activities, ground water resources are under stress. There is growing concern on the deterioration of ground water quality due to geogenic and anthropogenic activities.

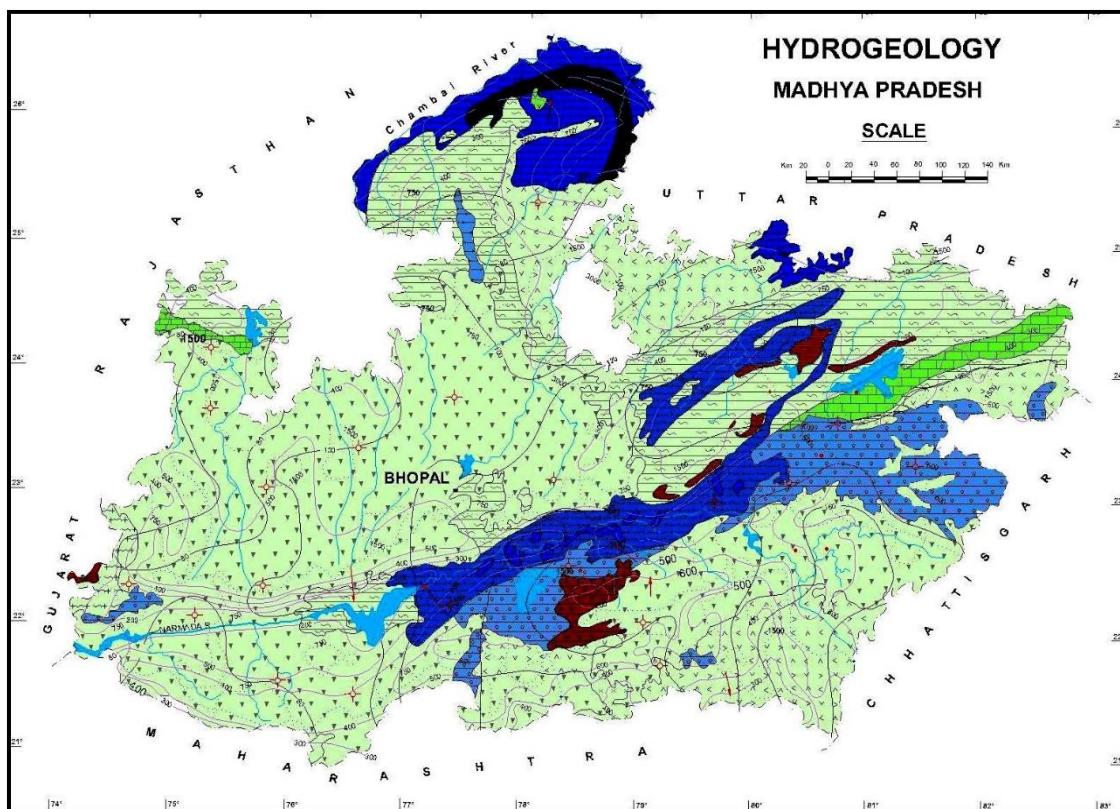
MP is a vast state with varied hydrogeological situations resulting from diversified geological, climatological and topographic settings. Water-bearing rock formations (aquifers), range in age from Archaean to Recent. The natural chemical composition of ground water is influenced predominantly by type & depth of soils and subsurface geological formations through which ground water passes. Ground water quality is also influenced by contribution from the atmosphere and surface water bodies. Quality of ground water is also influenced by anthropogenic factors. For example, excessive use of fertilizers and pesticides in agriculture and improper disposal of urban/industrial waste can cause contamination of ground water resources.

Ground water Quality Yearbook is an effort to characterize the Chemical quality of Groundwater samples collected during National Hydrograph Monitoring exercise done by Central Ground Water Board to get an idea on its suitability for various uses, to identify contaminated sites , to propose remedial measures and to continuously monitor the hydro-chemical characteristics of ground water. As per the Latest SOP on Water Quality Analysis of CGWB, Background monitoring of the samples is to be done for all monitoring stations once every Five Years. In the preceding Four Years, Analysis of Selected 25% Samples (TREND STATIONS) is to be done in both the seasons i.e. Pre-Monsoon and Post-Monsoon to identify the trend of water quality. Taking Year 2022 as the base-Year, CGWB, NCR, Bhopal has carried out Water Quality Monitoring of selected TREND Samples for the Year 2023-24 in both the seasons.

2.0 HYDROGEOLOGY

The State of Madhya Pradesh has varied hydrogeological characteristics due to which ground water potential differs from place to place. The area is underlain by various geological formations ranging in age from the Archaean to the Recent. Hard rock areas cover more than 80% of total land area of the State. These hard-rock areas show wide variations and complexities in nature and composition of rocks, geological structures, geomorphological set up and hydrometeorological conditions. The crystalline rocks of Archaean age like granite, gneiss, granulites, schist, quartzite and granitoids occupy about 14.7% of geographical area of the State. The basaltic rocks of Deccan lava flows are the predominant formations and occupy nearly 44.5% of total geographical area. The consolidated sedimentary rocks of Vindhyan Super Group and Mahakoshal (Cuddapah) Super Group of Proterozoic age occupy about 19.1% of total geographical area and the semi consolidated (Gondwana Formation) occupies about 6.7%. Recent unconsolidated alluvial sediments occupy about 14.4% of total geographical area. Hydrogeological map of Madhya Pradesh State has been given in **Fig.2.1**

Fig. I



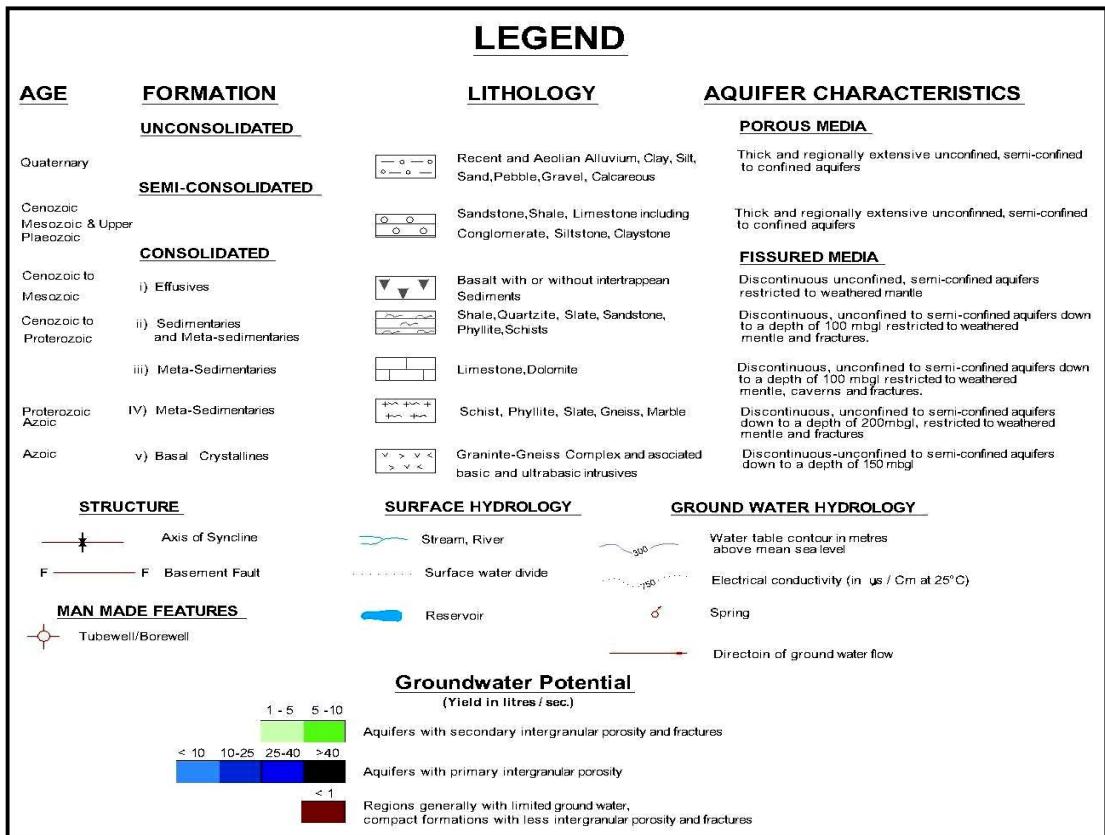


Fig 2.1 Hydrogeological map of Madhya Pradesh State

3.0 HYDROCHEMISTRY

Hydrochemistry is an interdisciplinary science that deals with the chemistry of water in the natural environment. Professional fields such as chemical hydrology, aqueous chemistry, hydrochemistry, water chemistry and hydro-geochemistry are all more or less synonyms. The classical use of chemical characteristics in chemical hydrology is to provide information about the regional distribution of water qualities. At the same time, hydrochemistry has a potential use for tracing the origin and history of water. The hydrochemistry can also be of immense help in yielding information about the environment through which water has circulated. Hydrochemistry can be helpful in knowing about residence times, flow paths and aquifer characteristics as the chemical reactions are time and space dependent. It is essential to study the entire system like atmospheric water (rainwater), surface water and ground water simultaneously in evaluating their hydrochemistry and pollution effect.

3.1 CHEMISTRY OF RAINWATER

The atmosphere is composed of water vapors, dust particles and various gaseous components such as N₂, O₂, CO₂, CH₄, CO, SO₄, NO₃ etc. Pollutants in the atmosphere can be transported long distances by the wind. These pollutants are mostly washed down by precipitation and partly as dry fall out. Composition of rainwater is determined by the source of water vapors and by the ion, which are taken up during transport through the atmosphere. In general, chemical composition of rainwater shows that rainwater is only slightly mineralized with specific electrical conductance (EC) generally below 50 µS/cm, chloride below 5 mg/l and HCO₃ below 10 mg/l. Among the cations, concentration of Ca, Mg, Na & K vary considerably but the total cations content is generally below 15 mg/l except in samples contaminated with dust. The concentration of sulphates and nitrates in rainwater may be high in areas near industrial hubs.

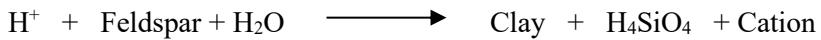
3.2 CHEMISTRY OF SURFACE WATER

Surface water is found extremely variable in its chemical composition due to variations in relative contributions of ground water and surface water sources. The mineral content in river water usually bears an inverse relationship to discharge. The mineral content of river water tends to increase from source to mouth, although the increase may not be continuous or uniform. Other factors like discharge of city wastewater, industrial waste and mixing of waters can also affect the nature and concentration of minerals in surface water. Among anions, bicarbonates are the most important and constitute over 50% of the total anions in terms of milli equivalent per liter (meq/l). In case of cations, alkaline earths or normally calcium predominates but with increasing salinity the hydrochemical facies tends to change to mixed cations or even to Na-HCO₃ type.

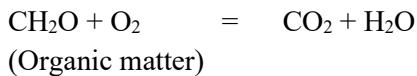
3.3 CHEMISTRY OF GROUND WATER

The downward percolating water is not inactive, and it is enriched in CO₂. It can also act as a strong weathering agent apart from general solution effect. Consequently, the chemical composition of ground water will vary depending upon several factors like frequency of rain, which will leach out the salts, time of stay of rain water in the root-zone and intermediate zone, presence of organic matter etc. It may also be pointed out that the water front does not move in a uniform manner as the soil strata are generally quite heterogeneous. The movement of percolating water through larger pores is much more rapid than through the finer pores. The overall effect of all these factors is that the composition of ground water varies from time to time and from place to place.

Before reaching the saturated zone, percolating water is charged with oxygen and carbon dioxide and is most aggressive in the initial stages. This water gradually loses its aggressiveness, as free CO₂ associated with the percolating water gets gradually exhausted through interaction of water with minerals.



The oxygen present in this water is used for the oxidation of organic matter that subsequently generates CO₂ to form H₂CO₃. This process goes on until oxygen is fully consumed.



Apart from these reactions, there are several other reactions including microbiological mediated reactions, which tend to alter the chemical composition of the percolating water. For example, the bicarbonate present in most waters is derived mostly from CO₂ that has been extracted from the air and liberated in the soil through biochemical activity. Some rocks serve as sources of chloride and sulphate through direct solution. The circulation of sulphur, however, may be greatly influenced by biologically mediated oxidation and reduction reactions. Chloride circulation may be a significant factor influencing the anion content in natural water.

4.0 WATER QUALITY CRITERIA

The available quality of groundwater is the resultant of all the processes and reactions, which taken place since the condensation of water in the atmosphere to the time it is retrieved in the form of groundwater from its source. The water has excellent capability to accumulate substances in soluble form as it moves over and into the land resource, from the biological processes and from human activities. Urbanization, agricultural development and discharges of municipal and industrial residues significantly alter characteristics of groundwater resource. The prevailing climatic conditions, topography, geological formations and use and abuse of this vital resource have significant effect on the characteristics of the water, because of which its quality varies with locations.

The definition of criteria and standards for water quality vary with the type of use. The characteristic of water required for human consumption, livestock, irrigation, industriesetc., have different water quality requirements. The term water quality criteria may be defined as the “Scientific data evaluated to derive recommendations for characteristics of water for specific use”. The term standard applies to any definite rule, principle or measure established by any statutory Authority. The distinction between criteria and standards is important, as the two are neither interchangeable nor they become synonyms for the objective or goal. Realistic standards are dependent on criteria, designated uses and implementation as well as identification and monitoring procedure. The changes in all these factors may provide a basis for alteration in standards. In formulation of water quality criteria, the selection of water quality parameters depends on its use. Sayers, et. al. (1976 as quoted in CGWB & CPCB2000) identified the key water quality parameters according to its various uses (**Table 4.0**).

Table 4.0: Water quality criteria parameters for various uses (Sayers et.al., 1976)

Public Water supply	Industrial Water supply	Agricultural water supply	Aquatic life & wild life water supply	Recreation and Aesthetics
Coliform bacteria Turbidity colour, Taste, Odour TDS, Cl, F, SO ₄ NO ₃ , CN, Trace Metals, Trace Organics Radioactive substances	Processing pH, Turbidity Colour, Alkalinity, Acidity, TDS, Suspended solids, Trace metals, Trace Organics Cooling PH, Temp, Silica, Al, Fe, Mg, Total hardness, Alkalinity/ Acidity Suspended solids, Salinity	Farmstead Same as for public supply Live-stock Same as for public supply Irrigation	Temp, DO, pH, Alkalinity, Acidity, TDS Salinity, pH, DCOs, Turbidity Colour, Settleable materials, Toxic substances, Nutrients, Floating materials	Recreations Tem, Turbidity, Colour, Odour, Floating Materials, Settable Materials Nutrients, Coliforms Aesthetics Same as for Recreation and Substances adversely affecting wild life

4.1 Water Quality Criteria for Drinking Purpose

With the objective of safeguarding water from degradation and to establish a basis for improvement in water quality, standards / guide lines / regulations have been laid down by various national and international organizations such as; Bureau of Indian Standards(BIS), World Health Organization (WHO), European Economic Community (EEC), Environmental Protection Agency (EPA), United States, and Inland Waters Directorate, Canada. The Bureau of Indian Standards (BIS) earlier known as Indian Standards Institutions (ISI) has laid down the standard specification for drinking water during 1983, which have been revised and updated from time to time. In order to enable the users, to exercise their discretion towards water quality criteria, the maximum permissible limit has been prescribed especially where no alternative sources are available. The national water quality standards describe essential and desirable characteristics required to be evaluated to assess suitability of water for drinking purposes. The important water quality characteristics as laid down in BIS standard (IS 10500: 2012) are summarized in **Table - 4.1**

Table 4.1: Drinking Water Characteristics (IS 10500: 2012)

S. No.	Parameters	Desirable Limits(mg/L)	Permissible limits(mg/L)
Essential Characteristics			
1	Colour Hazen Unit	5	15
2	Odour	Unobjectionable	-
3	Taste	Agreeable	-
4	Turbidity (NTU)	1	5
5	pH	6.5-8.5	No relaxation
6	Total Hardness, CaCO ₃	200	600
7	Iron (Fe)	1.0	No relaxation
8	Chloride (Cl)	250	1000
9	Residual Free Chlorine	0.2	1
10	Fluoride (F)	1.0	1.5
Desirable Characteristics			
11	Dissolved Solids	500	2000
12	Calcium (Ca)	75	200
13	Magnesium (Mg)	30	100
14	Copper (Cu)	0.05	1.5
15	Manganese (Mn)	0.1	0.3
16	Sulphate (SO ₄)	200	400
17	Nitrate (NO ₃)	45	No relaxation
18	Phenolic Compounds	0.001	0.002
19	Mercury (Hg)	0.001	No relaxation
20	Cadmium (Cd)	0.003	No relaxation
21	Selenium (Se)	0.01	No relaxation
22	Arsenic (As)	0.01	No relaxation
23	Cyanide (CN)	0.05	No relaxation
24	Lead (Pb)	0.01	No relaxation
25	Zinc (Zn)	5.0	15
26	Hexavalent Chromium	0.05	No relaxation
27	Alkalinity	200	600
28	Aluminum (Al)	0.03	0.2
29	Boron (B)	0.5	2.4
30	Pesticides	Absent	0.001
31	Uranium	0.03	No relaxation

NTU- Nephelometric Turbidity Unit.

N.B. The fluoride limits vary with average annual temperature of the areas. Similarly, the limits for magnesium are based on sulphate contents of water. When sulphate content is 250 mg/L or above, the magnesium should be between 30 and 50 mg/L but if sulphate is lower, higher content of magnesium is permissible.

4.2 Water Quality Criteria for Irrigation Purpose

Water quality plays a significant role in irrigated agriculture. Many problems originate due to inefficient management of water for agriculture use, especially when it carries high salt loads. The effect of total dissolved salts in irrigation water (measured in terms

of electrical conductance) on crop growth is extremely important. Soil water passes in to the plant through the root zone due to osmotic pressure and the plants root able to assimilate water and nutrients. Thus, the dissolved solid contents of the residual water in the root zone also have to be maintained within limits by proper leaching. These effects are visible in plants by their stunted growth, low yield, discoloration and even leaf burns at margin or top. The safe limits of electrical conductivity for crops of different degrees of salt tolerances under varying soil textures and drainage conditions are presented in **Table - 4.2**.

Table 4.2: Safe Limits for electrical conductivity for irrigation water (IS:11624-1986)

S. No.	Nature of soil	Crop Growth	Upper permissible safe limit of electrical conductivity in water $\mu\text{s}/\text{cm}$ at 25°C
1	Deep black soil and alluvial soils having clay content more than 30%; soils that are fairly to moderately well Drained	Semi-tolerant	1500
		Tolerant	2000
2	Textured soils having clay contents of 20-30%; soils that are well drained internally and have good surface drainage system	Semi-tolerant	2000
		Tolerant	4000
3	Medium textured soils having clay 10-20%; internally very well drained and having good surface drainage system	Semi-tolerant	4000
		Tolerant	6000
4	Light textured soils having clay less than 10%; soils that have excellent internal and surface drainage system.	Semi-tolerant	6000
		Tolerant	8000

In addition to problems caused by total amount of salts, some of the specific ions like sodium, boron and trace elements, if present in water in excess, also render it unsuitable for agricultural use.

4.2.1 SODIUM ADSORPTION RATIO (SAR) & RESIDUAL SODIUM CARBONATE (RSC)

The clay minerals in the soil adsorb divalent cations like calcium and magnesium ions from irrigation water. Whenever the exchange sites in clay are filled by divalent cations, the soil texture is conducive for plant growth. Sodium reacts with soil to reduce its permeability. In case the irrigation water is sodium dominant, the clay lattice is filled with sodium ions due to ion exchange. Such soils become impermeable and sticky and as such the cultivation becomes difficult to support plant growth. However, the cation exchange process is reversible and can be controlled either by adjusting the composition of water or by soil amendment by application of gypsum, which releases cations (Calcium) to occupy the exchange position. The tendency of water to replace adsorbed calcium and magnesium with sodium can be expressed by the Sodium Adsorption Ratio (SAR), where all the ion concentrations are in milli-equivalents per litre (meq/L).

$$\text{SAR} = \frac{\text{Na}}{\sqrt{(\text{Ca} + \text{Mg})/2}}$$

When, water having high bicarbonates and low calcium and magnesium is used for irrigation purpose, precipitation of calcium and magnesium as carbonate takes place, changing the residual water to high sodium water with sodium bicarbonate in solution. It is termed as Residual Sodium Carbonate (RSC) which is expressed as;

$$\text{RSC} = (\text{HCO}_3 + \text{CO}_3) - (\text{Ca} + \text{Mg})$$

(Where all the ions' concentrations are in milli equivalents / litre).

Percentage sodium (%Na):

Percentage sodium (%Na) is an indication of the soluble sodium content of the groundwater and also used to evaluate Na hazard. In all natural waters, %Na is a common parameter to assess its suitability for irrigation purposes since sodium reacts with the soil to reduce permeability.

$$\% \text{Na} = \frac{(\text{Na} + \text{K})}{(\text{Ca} + \text{Mg} + \text{Na} + \text{K})} * 100$$

The quality of water is commonly expressed by classes of relative suitability for irrigation with reference to salinity levels. The recommended classification with respect to Electrical Conductivity, Sodium content, Sodium Adsorption Ratio, and Residual Sodium Carbonate, under customary irrigation conditions has been depicted in **Table - 4.2.1**.

Table 4.2.1: Guidelines for evaluation of quality of irrigation water

Water Class	Alkalinity hazards		
	SAR IS:11624-1986	RSC (meq/L) IS:11624-1986	%Na Wilcox
Low	< 10	< 1.5	< 20
Medium	>10 – 18	1.5 – 3	20 - 60
High	>18 – 26	3 - 6	> 60
Very High	> 26	> 6	

4.3 Effects Of Water Quality Parameters on Human Health and Distribution for Various Users

It is essential to ensure that various constituents are within prescribed limits in drinking water supplies to avoid impact on human health (**Table – 4.2.3**). Man, life forms and domestic animals are affected by alteration in water quality due to natural or anthropogenic reasons. The effect of these substances depends on the quantity of water consumed per day and their concentration in water.

Table 4.2.3: Effects of water quality parameters on human health when used for drinking Purpose

S. No.	Parameters	Prescribed limits IS:10500, 2012		Probable Effects
		Desirable Limit	Permissible Limit	
1	Colour (Hazen unit)	5	15	Makes water aesthetically undesirable
2	Odour	Essentially free from objectionable odour		Makes water aesthetically undesirable
3	Taste	Agreeable		Makes water aesthetically undesirable
4	Turbidity (NTU)	1	5	High turbidity indicates contamination / Pollution.
5	pH	6.5	8.5	Indicative of acidic or alkaline waters, affects taste, corrosivity and the water supply system
6	Hardness as CaCO ₃ (mg/L)	200	600	Affects water supply system(Scaling), Excessive soap consumption, and calcification of arteries. There is no conclusive proof but it may cause urinary concretions, diseases of kidney or bladder and stomach disorder.

S. No.	Parameters	Prescribed limits IS:10500, 2012		Probable Effects
		Desirable Limit	Permissible Limit	
7	Iron (mg/L)	1.0	No relaxation	Gives bitter sweet astringent taste, causes staining of laundry and porcelain. In traces it is essential for nutrition.
8	Chloride (mg/L)	250	1000	May be injurious to some people suffering from diseases of heart or kidneys. Taste, indigestion, corrosion and palatability are affected.
9	Residual Chlorine (mg/L) Only when water is Chlorinated	0.20	-	Excessive chlorination of drinking water may cause asthma, colitis and eczema.
10	Total Dissolved Solids-TDS (mg/L)	500	2000	Palatability decreases and may cause gastro intestinal irritation in human, may have laxative effect particularly upon transits and corrosion, may damage water system.
11	Calcium (Ca) (mg/L)	75	200	Causes encrustation in water supply system. While in sufficiency causes a severe type of rickets, excess causes concretions in the body such as kidney or bladder stones and irritation in urinary passages.
12	Magnesium (mg) (mg/L)	30	100	Its salts are cathartics and diuretic. High concentration may have laxative effect particularly on new users. Magnesium deficiency is associated with structural and functional changes. It is essential as an activator of many enzyme systems.
13	Copper (Cu) (mg/L)	0.5	1.50	Astringent taste but essential and beneficial element in human metabolism. Deficiency results in nutritional anemia in infants. Large amount may result in liver damage, cause central nervous system irritation and depression. In water supply it enhances corrosion of aluminum in particular
14	Sulphate (SO ₄) (mg/L)	200	400	Causes gastro intestinal irritation along with Mg or Na, can have a cathartic effect on users, concentration more than 750 mg/L may have laxative effect along with Magnesium.
15	Nitrate (NO ₃) (mg/L)	45	No relaxation	Cause infant methaemoglobinemia (blue babies) at very high concentration, causes gastric cancer and affects adversely central nervous system and cardiovascular system.
16	Fluoride (F) (mg/L)	1.0	1.50	Reduce dental carries, very high concentration may cause crippling skeletal fluorosis.
17	Cadmium (Cd) (mg/L)	0.003	No relaxation	Acute toxicity may be associated with renal, arterial hypertension, itai-itai disease, (a bone disease). Cadmium salt causes cramps, nausea, vomiting and diarrhea.
18	Lead (Pb) (mg/L)	0.01	No relaxation	Toxic in both acute and chronic exposures. Burning in the mouth, severe inflammation of the gastro-intestinal tract with vomiting and diarrhoea, chronic toxicity produces nausea, severe abdominal pain, paralysis, mental confusion, visual disturbances, anaemia etc.

S. No.	Parameters	Prescribed limits IS:10500, 2012		Probable Effects
		Desirable Limit	Permissible Limit	
19	Zinc (Zn) (mg/L)	5	15	An essential and beneficial element in human metabolism. Taste threshold for Zn occurs at about 5 mg/L imparts astringent taste to water.
20	Chromium (Cr ⁶⁺) (mg/L)	0.05	No relaxation	Hexavalent state of Chromium produces lung tumors can produce cutaneous and nasal mucous membrane ulcers and dermatitis.
21	Boron (B) (mg/L)	0.5	2.4	Affects central nervous system its salt may cause nausea, cramps, convulsions, coma etc.
22	Alkalinity (mg/L) as CaCO ₃	200	600	Impart distinctly unpleasant taste may be deleterious to human being in presence of high pH, hardness and total dissolved solids.
23	Pesticides: (m g/l)	Absent	0.001	Imparts toxicity and accumulated in different organs of human body affecting immune and nervous systems may be carcinogenic.
24	Phosphate (PO ₄) (mg/L)	No guideline		High concentration may cause vomiting and diarrhea, stimulate secondary hyperthyroidism and bone loss
25	Sodium (Na) (mg/L)	No guidelines		Harmful to persons suffering From cardiac, renal and circulatory diseases.
26	Potassium (K) (mg/L)	No guidelines		An essential nutritional element but its excessive amounts is cathartic
27	Silica (SiO ₂) (mg/L)	No guidelines		-
28	Nickel (Ni) (mg/L)	0.02		Non-toxic element but may be carcinogenic in animals, can react with DNA resulting in DNA damage in animals.
29	Pathogens (a) Total coliform (per 100ml) (b) Faecal Coliform (per 100ml)	nil		Cause water borne diseases like coliform Jaundice, Typhoid, Cholera etc. produce infections involving skin mucous membrane of eyes, ears and throat.
30	Arsenic	0.01	No relaxation	Various skin diseases, Carcinogenic
31	Uranium	0.03	No relaxation	Kidney disease, Carcinogenic

5.0 GROUND WATER QUALITY MONITORING

The International Standard Organization (ISO) has defined monitoring as, "The programmed process of samplings, measurements and subsequent recording or signaling or both, of various water characteristics, often with the aim of assessing, conformity to specified objectives". A systematic plan for conducting water quality monitoring is called Monitoring Programme, which includes monitoring network design, preliminary survey, resource estimation, sampling, analysis, data management & reporting.

Monitoring of ground water quality is an effort to obtain information on chemical quality through representative sampling in different hydrogeological units. Ground Water is commonly tapped from phreatic aquifers through dugwells in a major part of the country and through springs and hand pumps in hilly areas. The main objective of ground water quality monitoring programme is to get information on the distribution of water quality on a regional scale as well as lattice is to create a background data bank of different chemical constituents in ground water.

One of the main objectives of the ground water quality monitoring is to assess the suitability of ground water for drinking purpose. The quality of drinking water is a powerful environmental determinant of the health of a community. The problem of the quality of water resources in general, and groundwater resources in particular, is becoming increasingly important in both industrialized and developing nation. In developing countries like India, the essential concerns as regards water resources are their quantity, availability, sustainability and suitability. Groundwater plays a leading role because it has of fundamental importance to all living beings.

Even though water is the most frequently occurring substance on earth, lack of safe drinking water is more prominent in the developing countries. Due to increasing world population, extraction of groundwater is also increasing for irrigations, industries, municipalities and urban and rural households' day by day. During dry season extensive withdrawal of groundwater for irrigation purpose is lowering the water table in the aquifer and also changing the chemical composition of water.

The physical and chemical quality of ground water is important in deciding its suitability for drinking purposes. Bureau of Indian Standards (BIS) formally known as Indian Standard Institute (ISI) vide its document IS: 10500:2012, Edition 3.2 (2012-15) has recommended the quality standards for drinking water. On this basis of classification, the natural ground water of India has been categorized as desirable, permissible and unfit for human consumption.

From the analytical results, it is seen that majority of water samples collected from observation / monitoring wells of CGWB in a major part of the state fall under desirable or permissible category and hence are suitable for drinking purposes. However, a small percentage of well waters are found to have concentrations of some constituents beyond the permissible limits. Such waters are not fit for human consumption and are likely to be harmful to health on continuous use.

5.1 Data Validation / Data Quality Control

Groundwater quality data validation is an essential step in ensuring the reliability and accuracy of the data. Here are some of the main steps for groundwater quality data validation.

- a. Checking of Data Consistency: Checking of the data for consistency by comparing the measurements of a particular parameter over time. This will help identify any changes in the groundwater quality due to measurement methodology or equipment
- b. Checking the correlation between EC and TDS:
 - a. The relationship between the two parameters is often described by a constant (commonly between 0.55 and 0.95 for freshwaters).
 - b. Thus: $TDS \text{ (mg/l)} \sim (0.55 \text{ to } 0.95) \times EC \text{ (mS/cm)}$.
 - c. The value of the constant varies according to the chemical composition of the water. For freshwaters, the normal range of TDS can be calculated from the following relationship:
 - d. $0.55 \text{ conductivity (mS/cm)} < TDS \text{ (mg/l)} < 0.95 \text{ conductivity (mS/cm)}$.
 - e. Typically the constant is high for chloride rich waters and low for sulphate rich waters.

c. Checking the cation-anion balance

When a water quality sample has been analysed for the major ionic species, one of the most important validation tests can be conducted: the cation-anion balance.

Sum of cations = sum of anions

where:

cations = positively charged species in solution (meq/l)

anions = negatively charged species in solution (meq/l)

The Electronic charge balance is expressed as follows:

$$\text{Electronic Charge Balance (ECB \%)} = \frac{[\sum \text{cations} - \sum \text{anions}]}{[\sum \text{cations} + \sum \text{anions}]} \times 100$$

All concentrations should be in epm. Error charge balance has been computed for the chemical results of 2023-24 and analysis showing more than 5% ECB has not been accepted as it indicates that there has been an error made in at least one of the major cation/anion analyses.

6.0 GROUND WATER QUALITY SCENARIO IN MP

The quality of groundwater in Madhya Pradesh has been evaluated by sampling and analysis of water samples collected from Groundwater Monitoring wells from Selected TREND stations (Based on Electrical Conductivity) during Pre-monsoon as well as post-Monsoon 2023-24. About **589** Groundwater Monitoring wells were monitored for water quality during May 2023 for basic Parameters and 1064 samples for Trace Metals representing pre-monsoon water quality. During post-Monsoon season, 531 samples from TREND stations were monitored for Basic parameters. Locations of sample collection points have been shown in **Fig. 6.1, 6.2 and 6.3**.

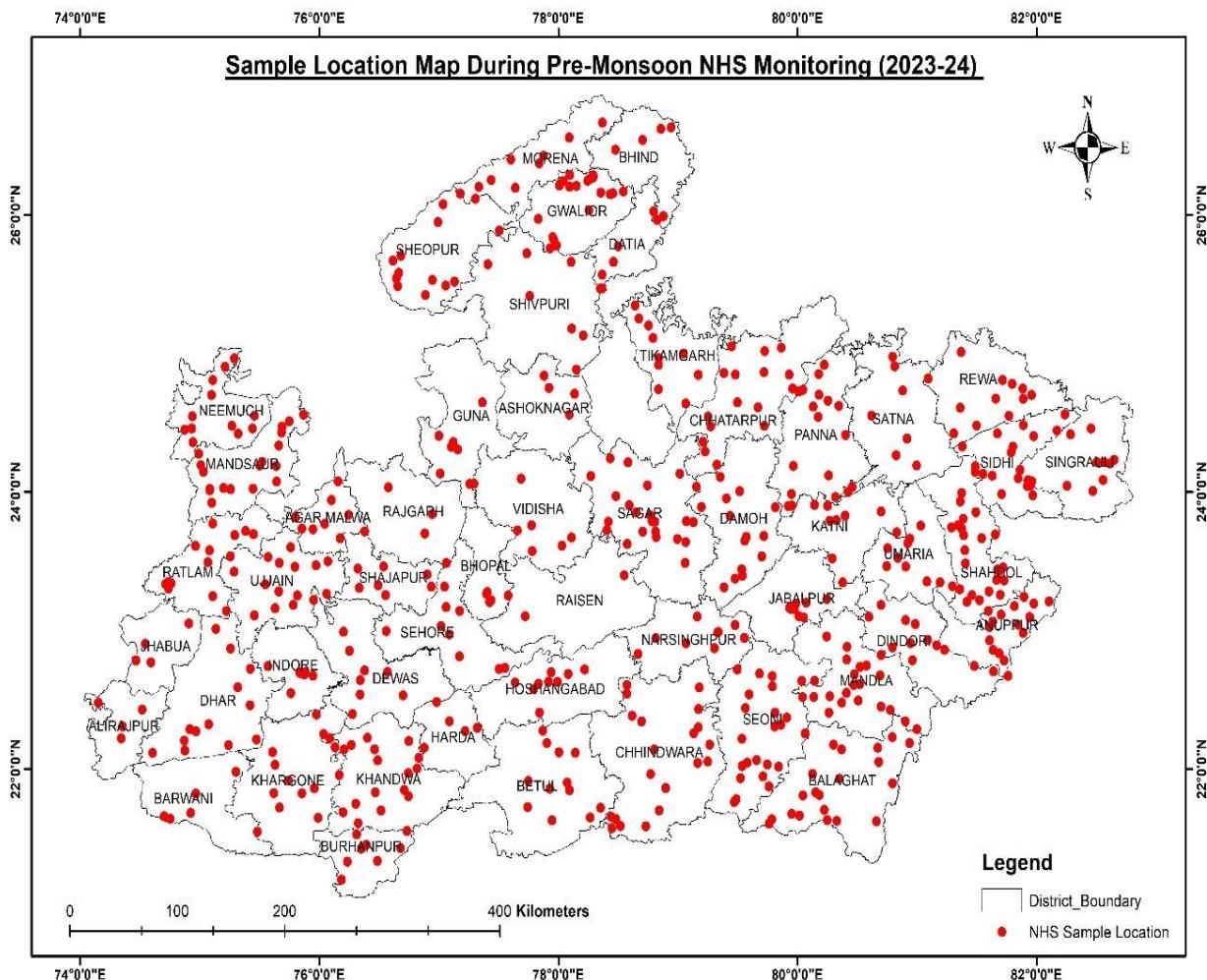


Fig 6.1 : Sample Location Map for Basic Parameters during Pre-Monsoon 2023

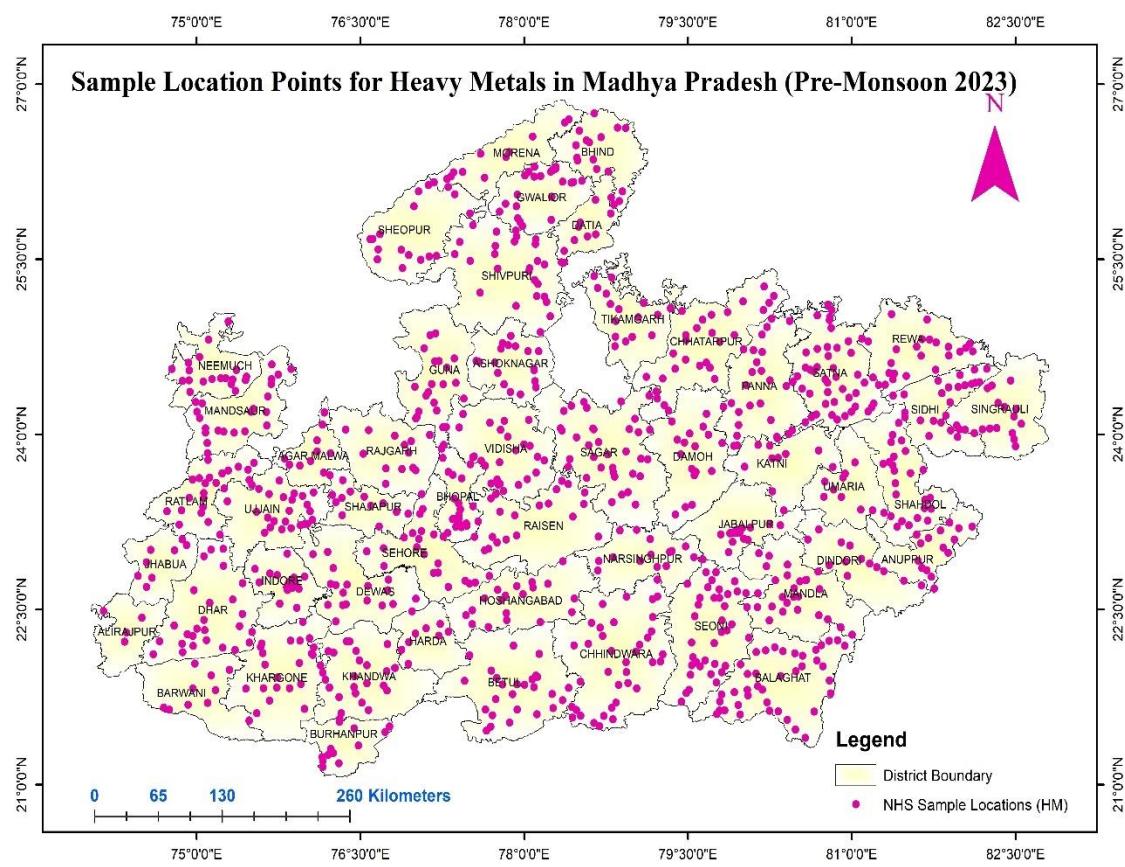


Fig 6.2: Sample Location Map for Trace Parameters during Pre-Monsoon 2023

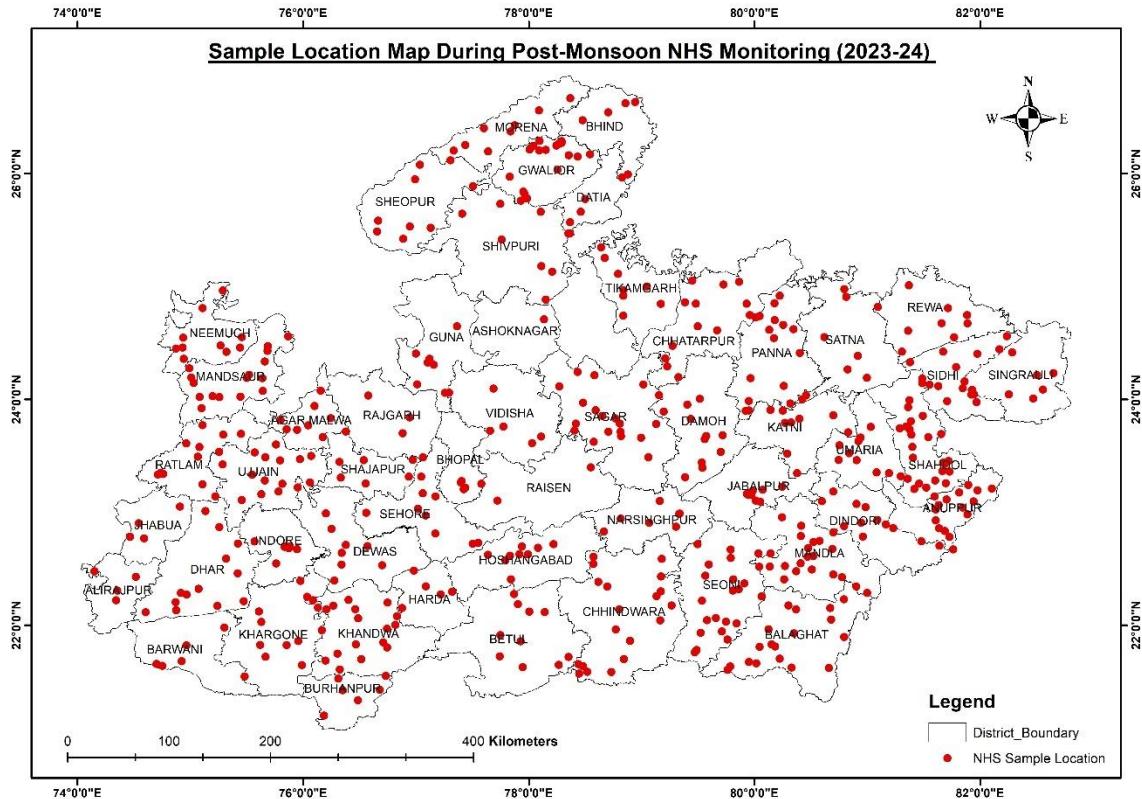


Fig 6.3: Sample Location Map for Basic Parameters during Post-Monsoon 2023

The district-wise chemical analysis data of the samples are given in the Annexure – I (Basic Parameters-Pre-Monsoon), Annexure II (Basic Parameters—Post-Monsoon) and Annexure III (Trace Metals-Pre-Monsoon). The summarized results of groundwater quality ranges are given in **Table - 6.1.**

Table - 6.1. Summarized results of groundwater quality ranges, (May 2023)

Parameter	Unit	Prescribed limits		Pre-Monsoon				Post-Monsoon			
		BIS	WHO	Min	Mean	Max	SD	Min	Mean	Max	SD
pH	/	6.5-8.5	6.5-8.5	6.62	7.69	8.29	0.33	6.77	7.57	8.11	0.29
EC	$\mu\text{S}/\text{cm}$	/	/	125	956	3642	522	165	965	2965	419
		2000	1000								
CO ₃	mg/l	/	/	0	0	0	0	0	0	0	0
HCO ₃	mg/l	/	125-130	31	326	964	132	43	338	952	120
Cl	mg/l	1000		250	7	102	870	111	10	102	552
SO ₄	mg/l	400	250	1	33	564	37	2	33	512	31
NO ₃	mg/l	45	50	0	31	347	40	1	31	289	34
F	mg/l	1.5	1.5	0.00	0.45	2.46	0.33	0.03	0.46	2.18	0.29
Ca	mg/l	200	75	6	77	336	45	12	87	304	43
Mg	mg/l	100	125	1	30	170	19	1	25	91	13
TH	mg/l	600	/	30	316	1140	157	45	319	960	138
Na	mg/l	/	200	2	73	444	66	5	73	356	52
K	mg/l	/	12	0.0	4.6	160	13	0.4	3.8	174	9.5
Cr	$\mu\text{g}/\text{l}$	50	50	0	0	3	1				
Mn	$\mu\text{g}/\text{l}$	300	400	0	0	1	0				
Fe	$\mu\text{g}/\text{l}$	300	300	0	0	3	0				
Cu	$\mu\text{g}/\text{l}$	1500	2000	0	4	240	12				
Zn	$\mu\text{g}/\text{l}$	15000	3000	0	25	1811	68				
As	$\mu\text{g}/\text{l}$	10	10	0	0	5	1				
Pb	$\mu\text{g}/\text{l}$	10	10	0	2	18	2				
U	$\mu\text{g}/\text{l}$	30	30	0	2	163	7				

The groundwater samples collected from dug wells tapping phreatic aquifers are analyzed for all the major inorganic parameters. Based on the results, it is found that ground water of the state is mostly of calcium bicarbonate (Na-HCO₃) type when the total dissolved solids of water is below 500 mg/L (corresponding to electrical conductance of 750 $\mu\text{S}/\text{cm}$ at 25°C). They are of mixed cations and mixed anion type when the electrical conductance is between 750 and 3000 $\mu\text{S}/\text{cm}$ and waters with electrical conductance above 3000 $\mu\text{S}/\text{cm}$ are of sodium chloride (Na-Cl) type. However, other types of water are also found among these general classifications, which may be due to the local variations in hydro-chemical environments due to anthropogenic activities. Nevertheless, occurrence of high concentrations of some water quality parameters such as salinity, chloride, fluoride, iron, arsenic and nitrate have been observed in some pockets in few districts of the state.

7.0 GROUND WATER QUALITY HOT SPOTS IN UNCONFINED AQUIFERS OF MADHYA PRADESH

Unconfined aquifers are extensively tapped for water supply across the state therefore; its quality is of paramount importance. The chemical parameters like TDS, Chloride, Fluoride, Iron, Arsenic and Nitrate etc are main constituents defining the quality of ground water in unconfined aquifers. Therefore, presence of these parameters in ground water beyond the permissible limit in the absence of alternate source has been considered as groundwater quality hotspots.

Groundwater quality hot spot maps of the state have been prepared depicting five main parameters based on their distribution shown on the separate maps. These maps depict the spatial distribution of the following constituents in ground water tapping the unconfined aquifers.

- I. Electrical Conductivity
- II. Fluoride ($>1.5 \text{ mg/L}$)
- III. Nitrate ($>45 \text{ mg/L}$)
- IV. Uranium ($>30 \text{ ppb}$)
- V. Arsenic ($>10 \text{ ppb}$)
- VI. Iron ($>1 \text{ mg/L}$)

7.1 Electrical Conductivity

Conductivity measurements are used routinely in many industrial and environmental applications as a fast, inexpensive and reliable way of measuring the ionic content in a solution. For example, the measurement of product conductivity is a typical way to monitor and continuously trend the performance of water purification systems. In many cases, conductivity is linked directly to the total dissolved solids (TDS).

Salinity is the saltiness or dissolved salt contents of a water body. Salt content is an important factor in water use. Salinity can be technically defined as the total mass in grams of all the dissolved substances per Kilogram of water. Different substances dissolve in water giving it taste and odour. In fact, humans and other animals have developed senses which are, to a degree, able to evaluate the potability of water, avoiding water that is too salty or putrid.

Salinity always exists in ground water but in variable amounts. It is mostly influenced by aquifer material, solubility of minerals, duration of contact and factors such as the permeability of soil, drainage facilities, and quantity of rainfall and above all, the climate of the area. The salinity of groundwater in coastal areas in addition to the above may be due to air borne salts originating from air water interface over the sea and also due to over pumping of fresh water which overlays saline water in coastal aquifer systems.

BIS has recommended a drinking water standard for total dissolved solids a limit of 500 mg/L (corresponding to EC of about 750 $\mu\text{S}/\text{cm}$ at 25°C) that can be extended to a TDS of 2000 mg/L (corresponding to EC of about 3000 $\mu\text{S}/\text{cm}$ at 25°C) in case of no alternate source. Water having TDS more than 2000 mg/L is not suitable for drinking purpose. In Fig 7.1.1, the EC values (in $\mu\text{S}/\text{cm}$ at 25°C) of ground water from observation/monitoring wells during Pre-Monsoon 2023-24 have been used to show distribution patterns of electrical conductivity in different ranges of suitability for drinking purposes.

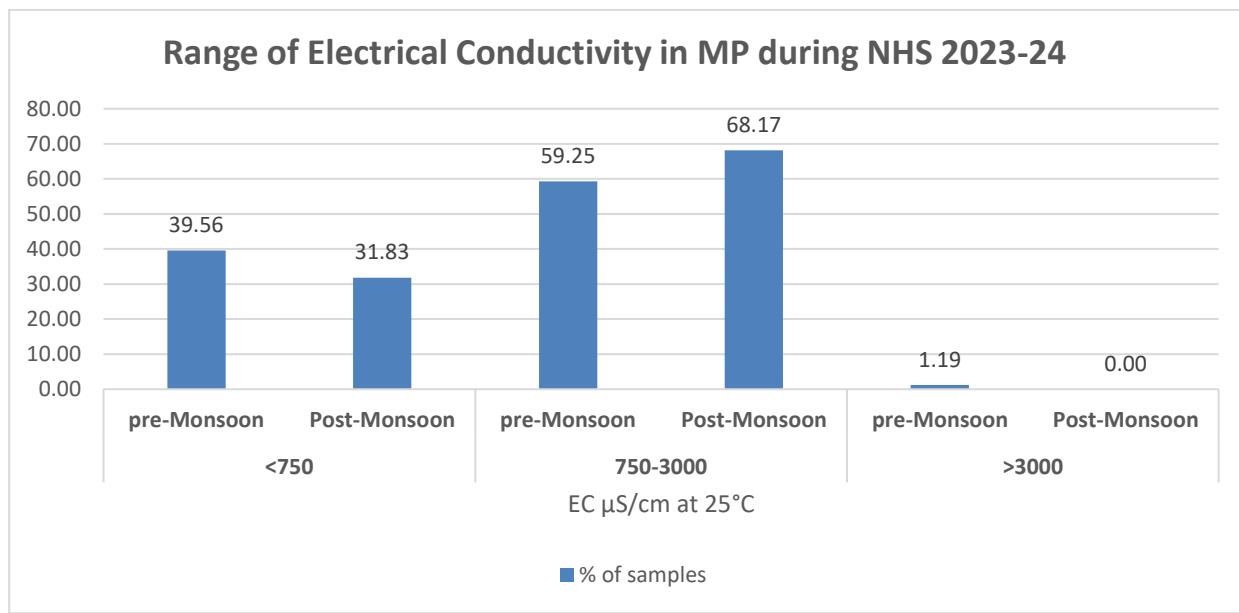


Fig 7.1.1 Range of Electrical Conductivity in MP during NHS 2023-24.

It is apparent from the Fig 7.1.1 that the waters having EC values less than $750 \mu\text{S}/\text{cm}$ at 25°C occur in 40 % of sampling locations in the state during pre-monsoon and 32% sampling locations during post-monsoon 2023-24. Only 1% locations have EC $>3000 \mu\text{S}/\text{cm}$ during Pre-Monsoon 23-24 while no location had EC $>3000 \mu\text{S}/\text{cm}$ during post-monsoon 2023-24. Groundwater with EC ranging between 750 and 3000 $\mu\text{S}/\text{cm}$ at 25°C falling under ‘permissible’ range are confined mainly in 59 % of sampling locations during pre-monsoon season while at 68% locations during post-monsoon 2023-24.

District-wise percentage of wells having EC $>3000 \mu\text{S}/\text{cm}$ during pre-monsoon 23-24 is shown as a bar diagram in Fig 7.1.2 and the occurrences of Electrical Conductivity in ground water have been shown on the contour map as Fig 7.1.3 and Fig 7.1.4. Locations details are given in Annexure-I.

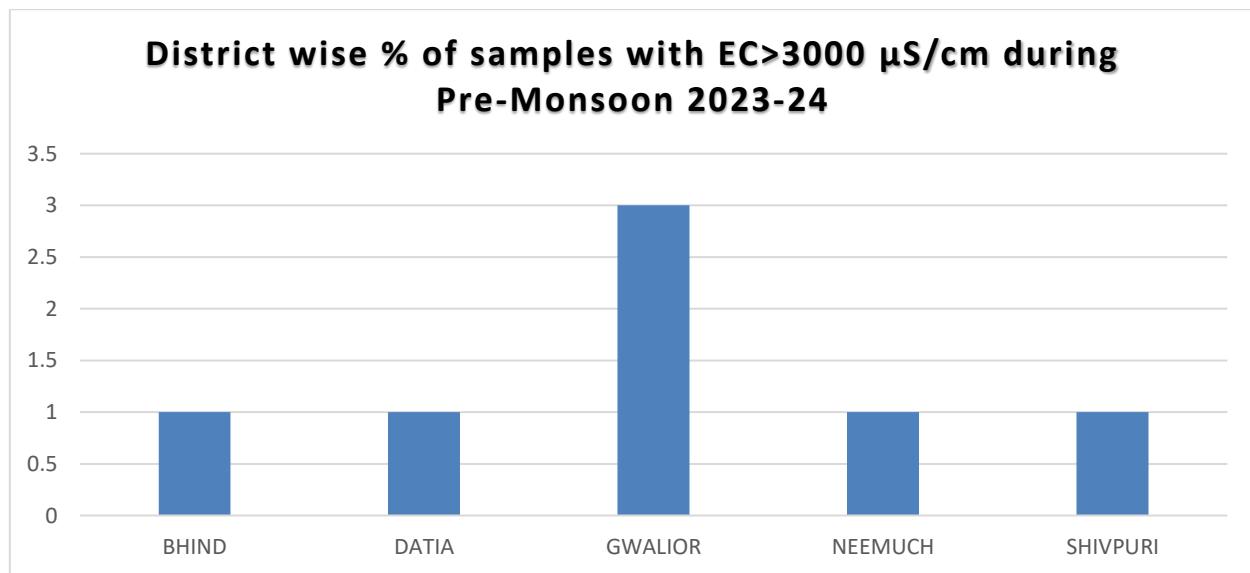


Fig 7.1.2 Districtwise % of samples with EC $>3000 \mu\text{S}/\text{cm}$ during Pre-Monsoon 2023 in MP

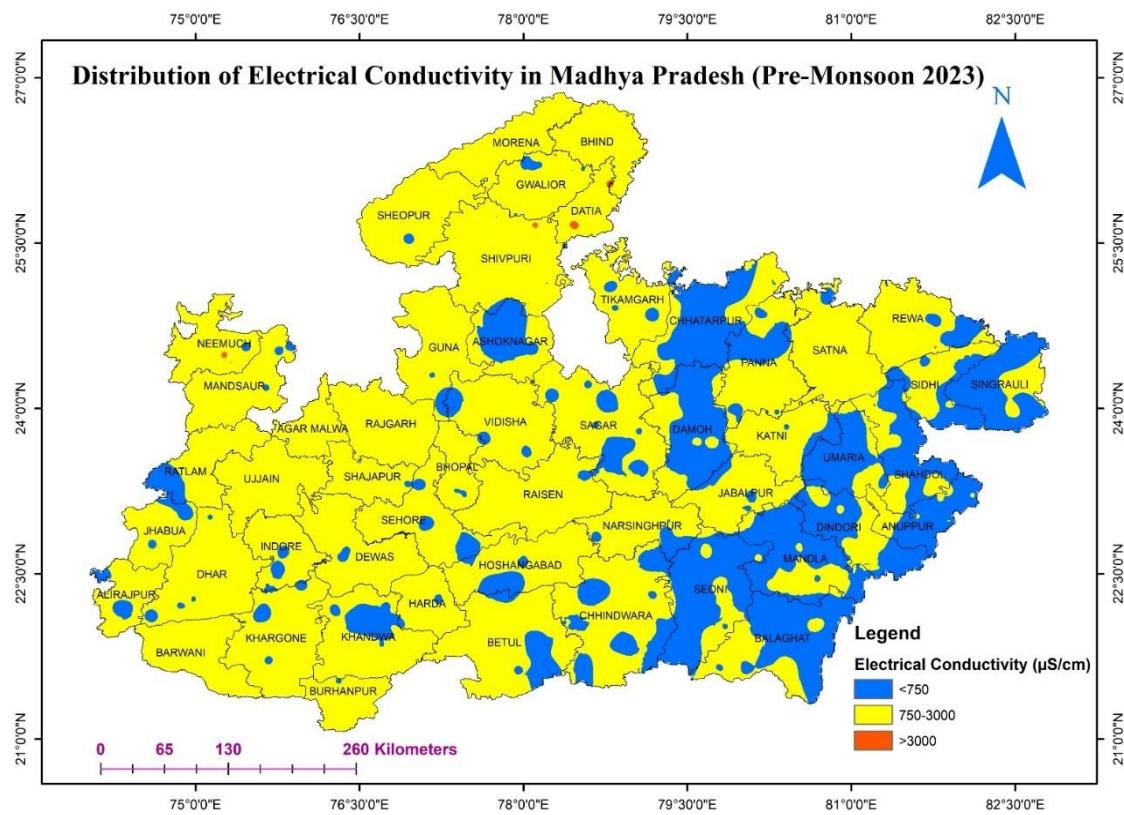


Fig 7.1.3 Spatial distribution of Electrical Conductivity in MP during pre-Monsoon 2023-24.

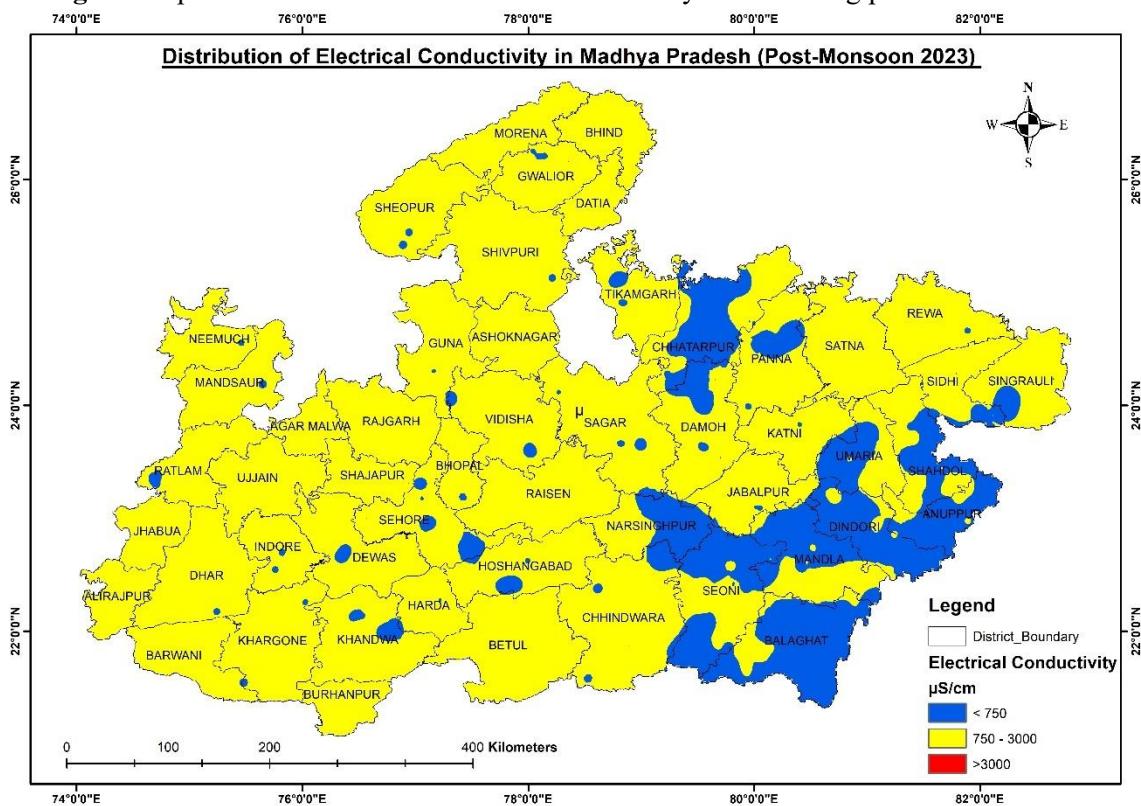


Fig 7.1.4 Spatial distribution of Electrical Conductivity in MP during post-Monsoon 2023-24

List of districts affected by high EC water (EC > 3000 µS/cm) and these areas are water quality hot spots from salinity point of view is given in table below.

Table 7.1.1: Locations Affected by Salinity (High EC) in Groundwater in Different Districts of MP.

Sl. No	District	Block	Location	Lat.	Long.	Electrical Conductivity
1	BHIND	MIHONA	ALAMPUR	26.029	78.797	3573
2	DATIA	DATIA	DATIA NEW	25.6639	78.4614	3573
3	GWALIOR	BHITARWAR	DONGARPUR	25.822	77.964	3642
4	GWALIOR	GHATIGAON	SURO	26.2499	78.0417	3590
5	GWALIOR	MORAR	JAHANGIRPUR	26.2756	78.2906	3028
6	NEEMUCH	MANASA	KUKRESHWAR	24.48	75.268	3498
7	SHIVPURI	NARWAR	SEHORE	25.665	78.106	3175

Table 7.1.2: Comparative change in number of districts having EC > 3000 µS/cm in various districts.

S. No.	District	Nos. of Locations having EC > 3000 µS/cm.				
		2017	2022 (Background)	2023 (pre)	2023 (post)	Increase/Decrease w.r.t year 2022
1	AGAR MALWA	1	0	0	0	0
2	ALIRAJPUR	1	0	0	0	0
3	ANUPPUR	0	0	0	0	0
4	ASHOK NAGAR	0	0	0	0	0
5	BALAGHAT	0	0	0	0	0
6	BARWANI	0	0	0	0	0
7	BETUL	0	0	0	0	0
8	BHIND	4	4	1	0	-3
9	BHOPAL	0	0	0	0	0
10	BURHANPUR	0	0	0	0	0
11	CHHATARPUR	0	0	0	0	0
12	CHHINDWARA	0	0	0	0	0
13	DAMOH	0	0	0	0	0
14	DATIA	0	0	1	0	1
15	DEWAS	0	0	0	0	0
16	DHAR	0	1	0	0	-1
17	DINDORI	0	0	0	0	0
18	GUNA	0	0	0	0	0
19	GWALIOR	0	3	3	0	0
20	HARDA	0	0	0	0	0
21	HOSHANGABAD	0	0	0	0	0
22	INDORE	2	1	0	0	-1
23	JABALPUR	0	0	0	0	0
24	JHABUA	0	0	0	0	0
25	KATNI	0	0	0	0	0
26	KHANDWA	0	0	0	0	0
27	KHARGONE	0	0	0	0	0
28	MANDLA	0	0	0	0	0
29	MANDSAUR	0	0	0	0	0
30	MORENA	1	0	0	0	0
31	NARSINGHPUR	0	0	0	0	0
32	NEEMUCH	2	1	1	0	0
33	PANNA	0	0	0	0	0
34	RAISEN	0	0	0	0	0
35	RAJGARH	2	0	0	0	0
36	RATLAM	1	0	0	0	0

37	REWA	1	0	0	0	0
38	SAGAR	1	0	0	0	0
39	SATNA	2	0	0	0	0
40	SEHORE	0	0	0	0	0
41	SEONI	0	0	0	0	0
42	SHAHDOL	0	0	0	0	0
43	SHAJAPUR	0	0	0	0	0
44	SHEOPUR	0	0	0	0	0
45	SHIVPURI	0	1	1	0	0
46	SIDHI	0	0	0	0	0
47	SINGRAULI	0	0	0	0	0
48	TIKAMGARH	0	0	0	0	0
49	UJJAIN	3	1	0	0	-1
50	UMARIA	0	0	0	0	0
51	VIDISHA	0	0	0	0	0
Total		21	12	7	0	-5

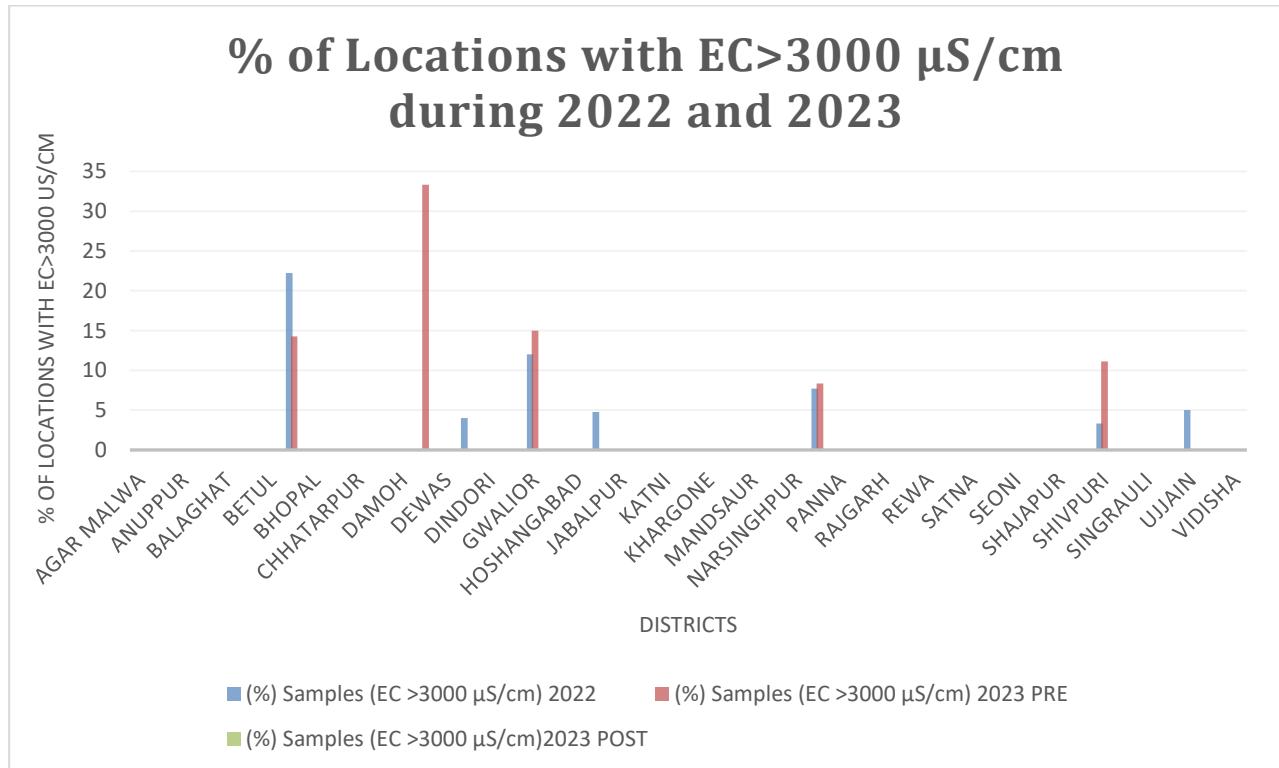


Fig. 7.1.5 Comparison on % of locations exceed EC >3000 µS/cm during 2022 and 2023 in MP.

In comparison to 2022 (Table 7.1.3), it has been observed that the no. of districts having EC more than 3000 µS/cm in various States has decreased in 2023 (pre monsoon) and further decreased in 2023 (Post Monsoon). In Datia, Gwalior and Shivpuri districts the increase in the no. of locations is a matter of concern. However, in many districts, it has decreased also, which may be because of dilution in that particular area.

7.1.1 TREND ON ELECTRICAL CONDUCTIVITY

Trend analysis determines whether the measured values of the water quality variables increase or decrease during a time period. The Electrical Conductivity (EC) of groundwater is contributed by all the dissolved ionic constituents. Therefore, it is a measure of the total ionic content of the water. It could be used as a

source of inorganic pollution indicator as most of the inorganic compounds are present as ions in water. Hence, EC was taken to assess the trend of ground water quality in MP. The percentage of well exceeds the electrical conductivity more than 3000 $\mu\text{S}/\text{cm}$ for the period of 2017 to 2023 were compared and presented in the Table 7.1.4 and Fig 7.1.2 and observed that the percentage of samples exceed the permissible limit of 3000 $\mu\text{S}/\text{cm}$ were ranging between 0-1 % and a decreasing trend was noticed. Trend on water quality for Electrical conductivity (EC) prepared for the state of Ujjain, Bhind and Neemuch is shown (Fig. 7.1.6 & 7.1.7 & 7.1.8).

Table 7.1.3: Percentage of wells Exceed EC>3000 $\mu\text{S}/\text{cm}$ during the period of 2017-2023

Year	Total Number of samples analysed	No. of districts affected by EC	Total No of locations affected by EC	% of locations affected by EC (EC>3000 $\mu\text{S}/\text{cm}$)
2017	1197	12	21	1.75
2018	1175	10	13	1.11
2019	1193	9	12	1.01
2020	1038	6	8	0.77
2021	1153	7	8	0.69
2022	1142	7	12	1.05
2023(Pre-Monsoon)	589	5	7	1.19
2023(Post-Monsoon)	531	0	0	0

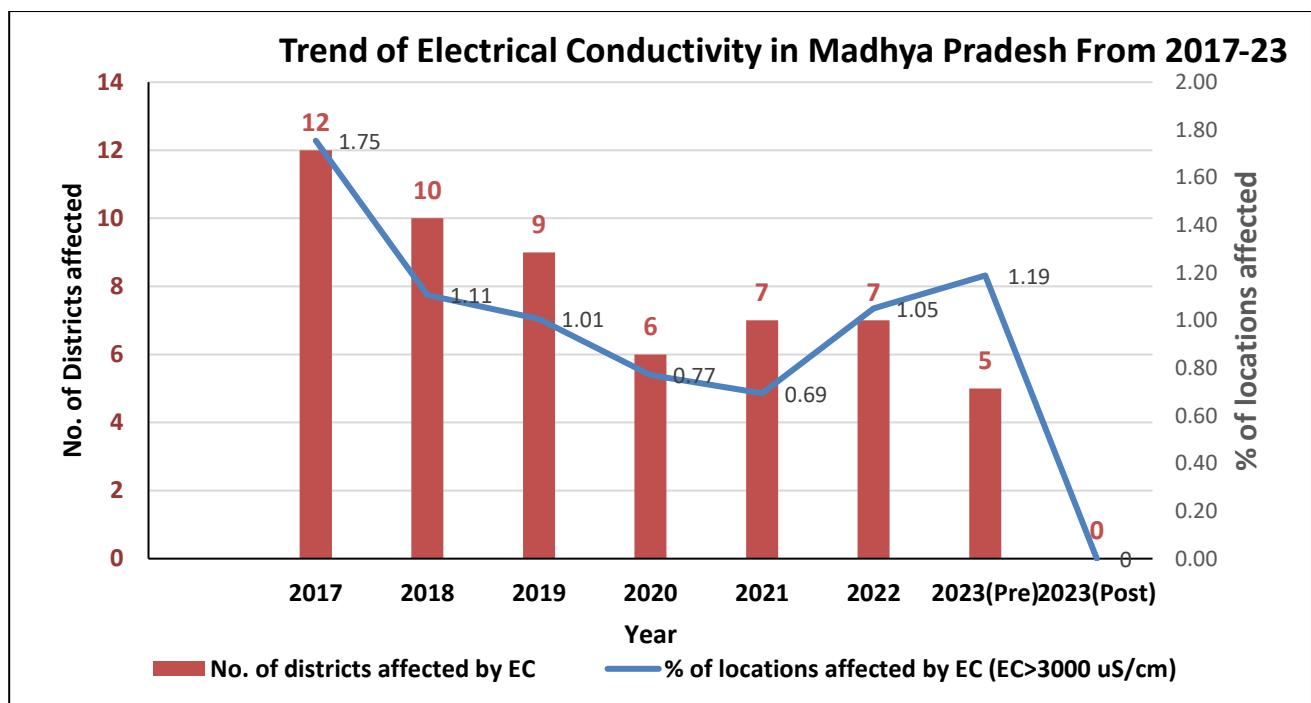


Fig. 7.1.6 Trend of Electrical Conductivity in Madhya Pradesh from 2017-23

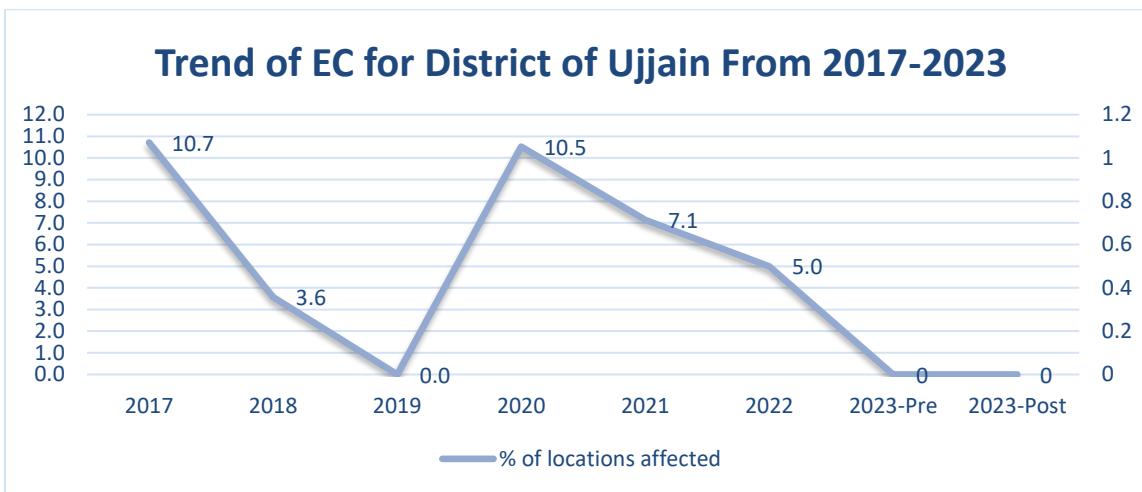


Fig. 7.1.7 Trend of Electrical Conductivity in District of Ujjain from 2017-2023.

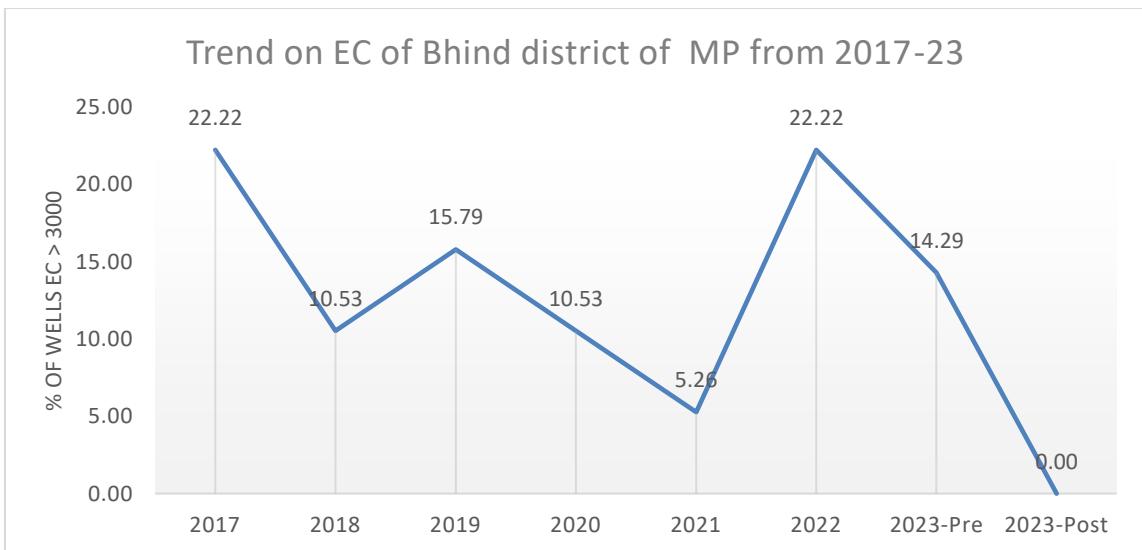


Fig. 7.1.8 Trend on Electrical Conductivity in Bhind district for the period of 2017-2023

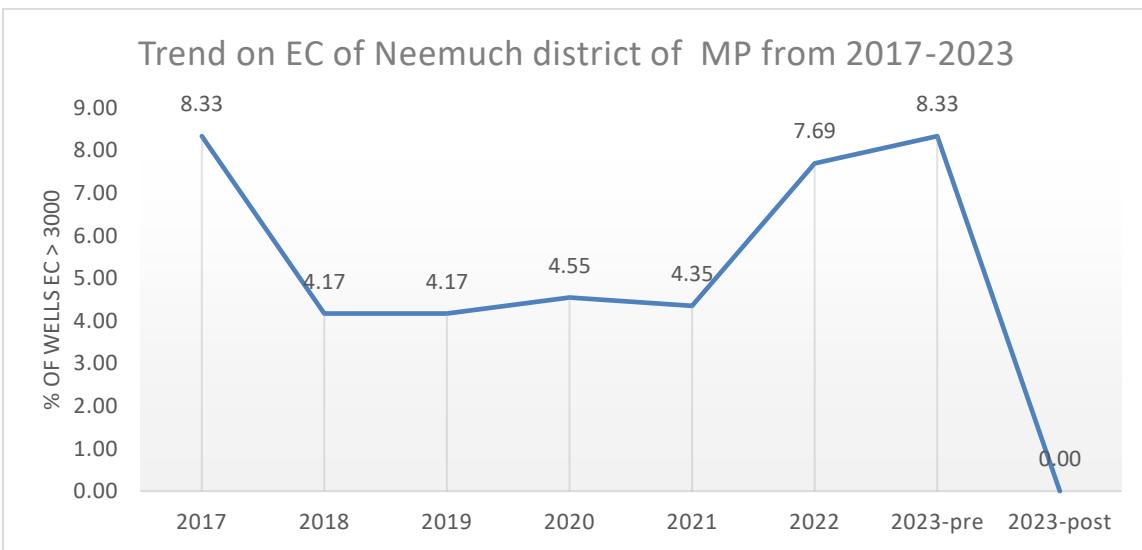


Fig. 7.1.9 Trend on Electrical Conductivity in Neemuch district the period of 2017-2023

Trend on Electrical Conductivity in Ujjain district(Fig 7.1.6), Bhind District (Fig 7.1.7) shows a decreasing trend from 2017 to 2023. Trend on Electrical Conductivity in Neemuch district (Fig. 7.1.8) shows an unchanged trend from 2018-2021 which increased during 2022 and 2023 (PreMonsoon) but decreased during 2023 (Post-monsoon)

7.2 FLUORIDE

Fluorine is a fairly common element but it does not occur in the elemental state in nature because of its high reactivity. Fluorine is the most electronegative and reactive of all elements that occur naturally within many types of rock. It exists in the form of fluorides in a number of minerals of which fluorspar, cryolite, fluorite and fluorapatite are the most common. Fluorite (CaF_2) is a common fluoride mineral.

Most of the fluoride found in groundwater is naturally occurring from the breakdown of rocks and soils or weathering and deposition of atmospheric particles. Most of the fluorides are sparingly soluble and are present in ground water in small amounts. The occurrence of fluoride in natural water is affected by the type of rocks, climatic conditions, nature of hydrogeological strata and time of contact between rock and the circulating ground water. Presence of other ions, particularly bicarbonate and calcium ions also affect the concentration of fluoride in ground water.

It is well known that small amounts of fluoride (less than 1.0 mg/L) have proven to be beneficial in reducing tooth decay. Community water supplies commonly are treated with NaF or fluorosilicates to maintain fluoride levels ranging from 0.8 to 1.2 mg/L to reduce the incidence of dental carries. However, high concentrations such as 1.5 mg/L of F and above have resulted in staining of tooth enamel while at still higher levels of fluoride ranging between 5.0 and 10 mg/L, further pathological changes such as stiffness of the back and difficulty in performing natural movements may take place.

BIS has recommended an upper desirable limit of 1.0 mg/L of F^- as desirable concentration of fluoride in drinking water, which can be extended to 1.5 mg/L of F in case no alternative source of water is available. Water having fluoride concentration of more than 1.5 mg/L are not suitable for drinking purposes.

The fluoride content in groundwater from observation wells in a major part of the state is found to be less than 1.0 mg/L. The distribution of ground water samples with fluoride concentration more than 1.5 mg/L have been depicted on the map as Fig. 7.2.1 and 7.2.2. It is observed that there are several locations in the districts of Alirajpur, Chhindwara, Dewas, Dhar, Katni and Mandla where the fluoride in ground water exceeds 1.5 mg/L. District-wise % of wells having $\text{F} > 1.5 \text{ mg/l}$ is given in Table 7.2.1 .The list of districts showing localized occurrence of fluoride in ground water in excess of 1.5mg/L is given in table 7.2.2. The range of fluoride in groundwater during pre-monsoon and post-monsoon 2023-24 is depicted as Fig. 7.2.3, district-wise percentage of wells having fluoride $>1.5\text{mg/L}$ is shown as a bar diagram in Fig 7.2.4.

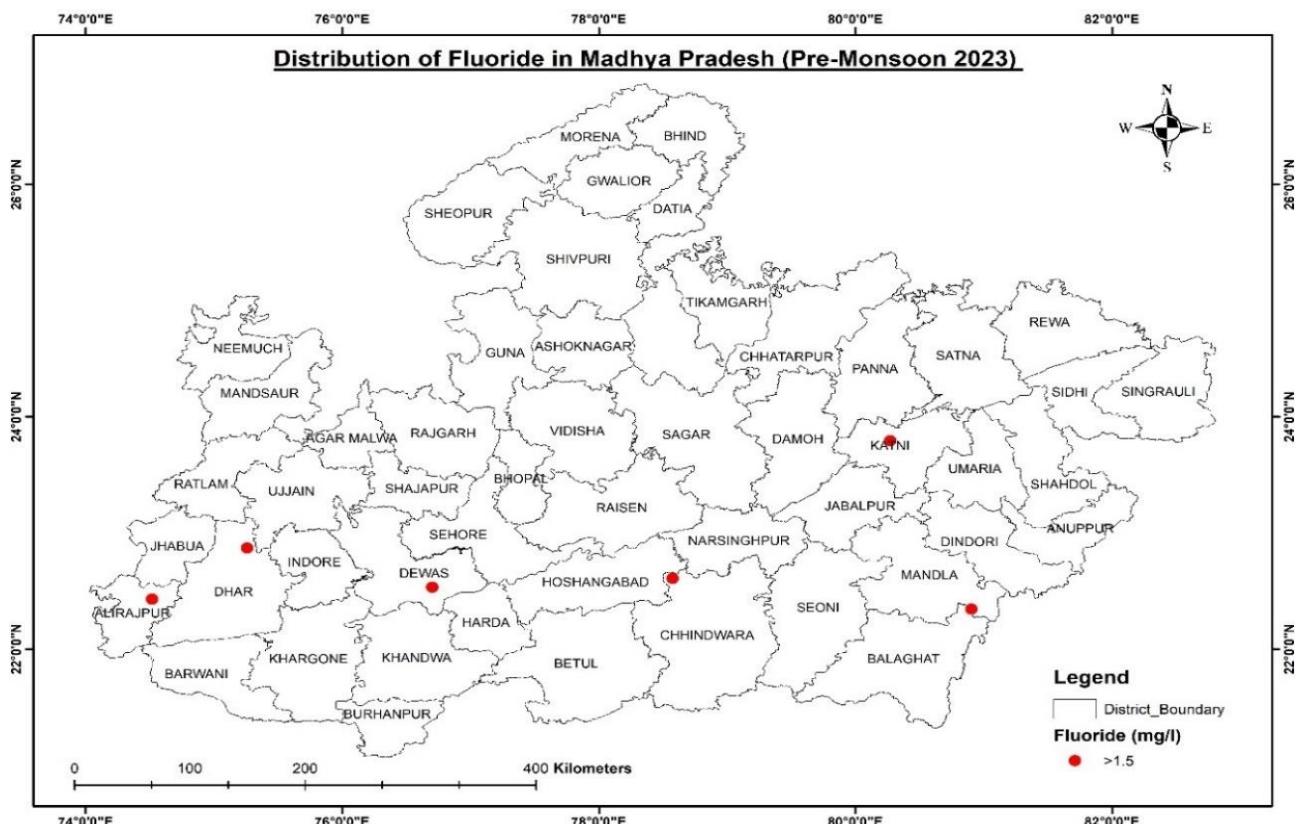


Fig 7.2.1 Locations having Fluoride concentration $> 1.5 \text{ mg/L}$ in MP during NHS Pre-Monsoon 2023-24.

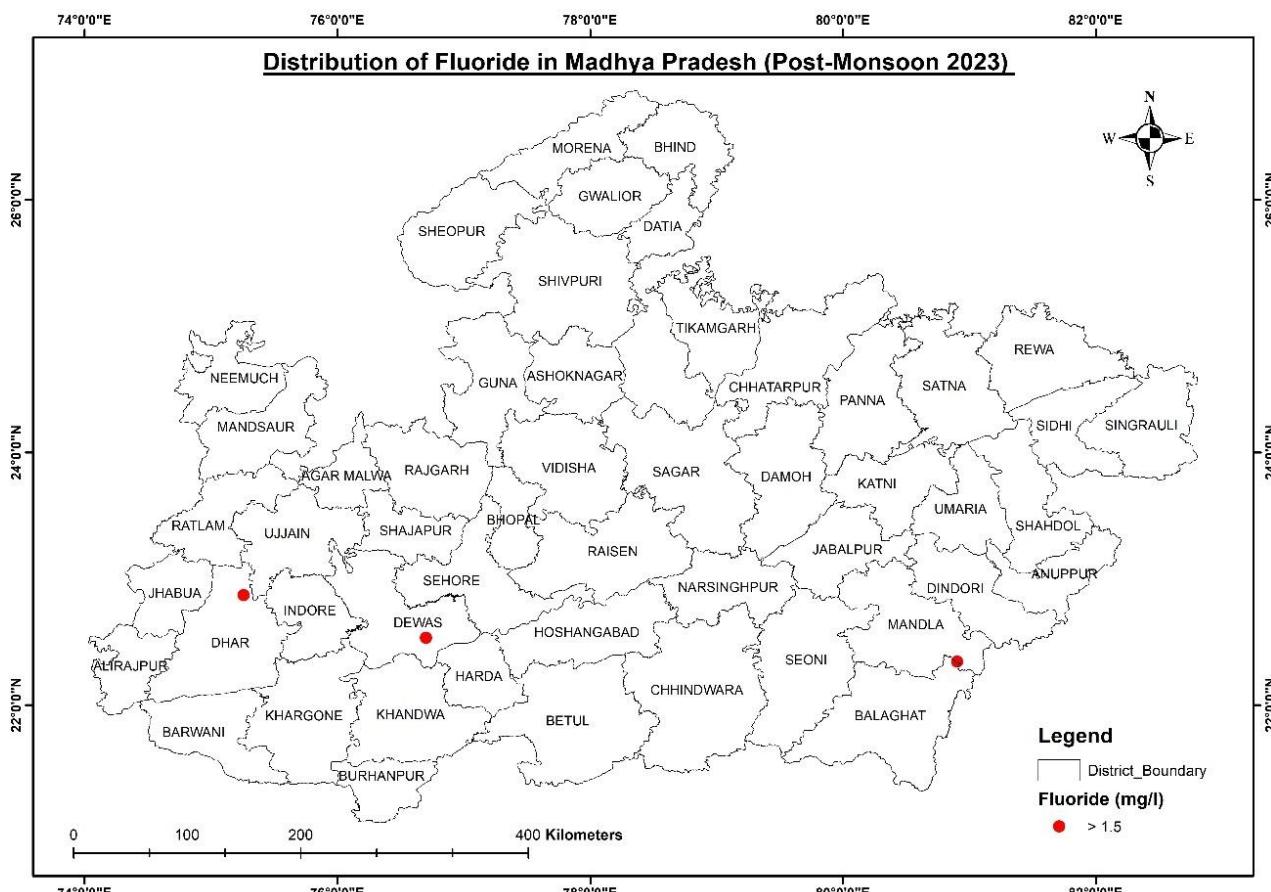


Fig 7.2.2 Locations having Fluoride concentration $> 1.5 \text{ mg/L}$ in MP during NHS Post-Monsoon 2023-24

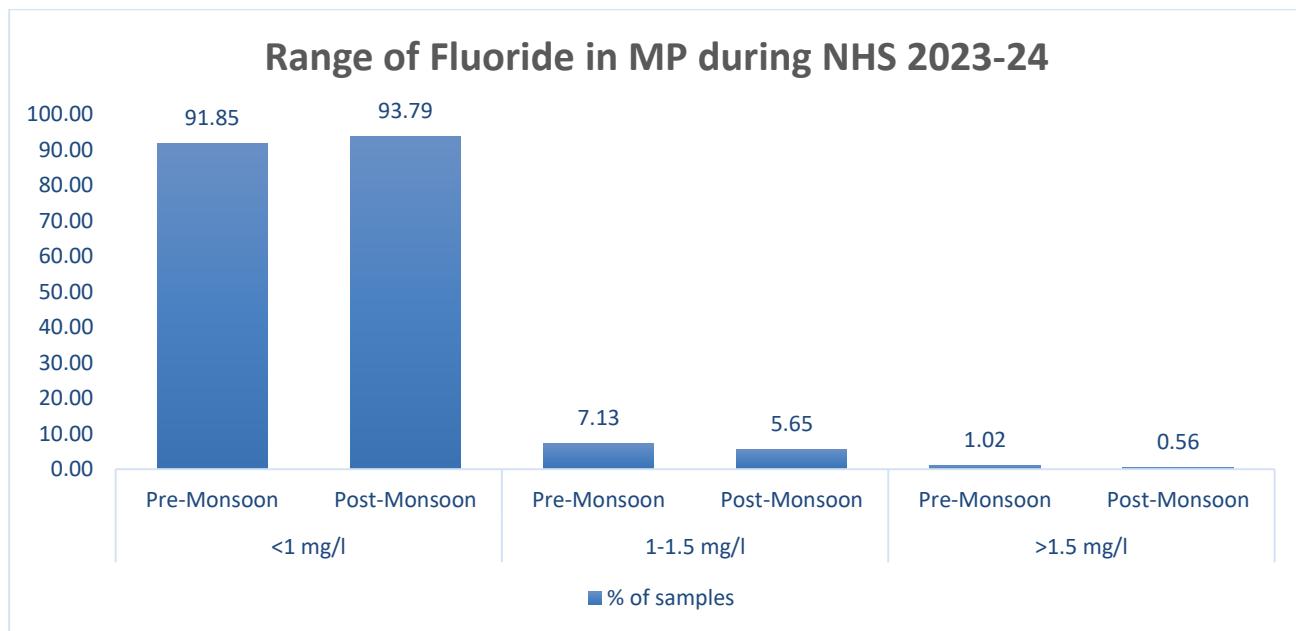


Fig 7.2.3 Range of Fluoride in MP during NHS 2023-24.

Table 7.2.1 District-wise percentage of wells having fluoride >1.5mg/L

S. No	District	2023 (Pre-Monsoon)			2023 (Post-Monsoon)		
		No. of Samples collected	No. of Samples (F >1.5 mg/l)	% of Samples (F >1.5 mg/l)	No. of Samples collected	No. of Samples (F >1.5 mg/l)	% of Samples (F >1.5 mg/l)
1	AGAR MALWA	8	0	0	8	0	0.0
2	ALIRAJPUR	4	1	25	4	0	0.0
3	ANUPPUR	16	0	0	16	0	0.0
4	ASHOK NAGAR	4	0	0	1	0	0.0
5	BALAGHAT	20	0	0	18	0	0.0
6	BARWANI	5	0	0	5	0	0.0
7	BETUL	12	0	0	10	0	0.0
8	BHIND	7	0	0	6	0	0.0
9	BHOPAL	5	0	0	5	0	0.0
10	BURHANPUR	8	0	0	6	0	0.0
11	CHHATARPUR	15	0	0	12	0	0.0
12	CHHINDWARA	21	1	5	19	0	0.0
13	DAMOH	15	0	0	11	0	0.0
14	DATIA	3	0	0	3	0	0.0
15	DEWAS	8	1	13	8	1	12.5
16	DHAR	13	1	8	13	1	7.7
17	DINDORI	12	0	0	12	0	0.0
18	GUNA	7	0	0	7	0	0.0
19	GWALIOR	20	0	0	19	0	0.0
20	HARDA	5	0	0	5	0	0.0
21	HOSHANGABAD	9	0	0	9	0	0.0
22	INDORE	8	0	0	8	0	0.0
23	JABALPUR	9	0	0	9	0	0.0
24	JHABUA	4	0	0	4	0	0.0
25	KATNI	9	1	11	9	0	0.0
26	KHANDWA	19	0	0	19	0	0.0
27	KHARGONE	11	0	0	10	0	0.0
28	MANDLA	21	1	5	21	1	4.8

29	MANDSAUR	18	0	0	16	0	0.0
30	MORENA	8	0	0	8	0	0.0
31	NARSINGHPUR	9	0	0	7	0	0.0
32	NEEMUCH	12	0	0	10	0	0.0
33	PANNA	15	0	0	15	0	0.0
34	RAISEN	2	0	0	2	0	0.0
35	RAJGARH	5	0	0	5	0	0.0
36	RATLAM	14	0	0	12	0	0.0
37	REWA	17	0	0	10	0	0.0
38	SAGAR	24	0	0	20	0	0.0
39	SATNA	9	0	0	8	0	0.0
40	SEHORE	9	0	0	9	0	0.0
41	SEONI	24	0	0	22	0	0.0
42	SHAHDOL	23	0	0	23	0	0.0
43	SHAJAPUR	7	0	0	6	0	0.0
44	SHEOPUR	14	0	0	9	0	0.0
45	SHIVPURI	9	0	0	9	0	0.0
46	SIDHI	18	0	0	16	0	0.0
47	SINGRAULI	11	0	0	8	0	0.0
48	TIKAMGARH	11	0	0	8	0	0.0
49	UJJAIN	15	0	0	15	0	0.0
50	UMARIA	10	0	0	10	0	0.0
51	VIDISHA	7	0	0	6	0	0.0
	Total	589	6	1.02	531	3	0.56

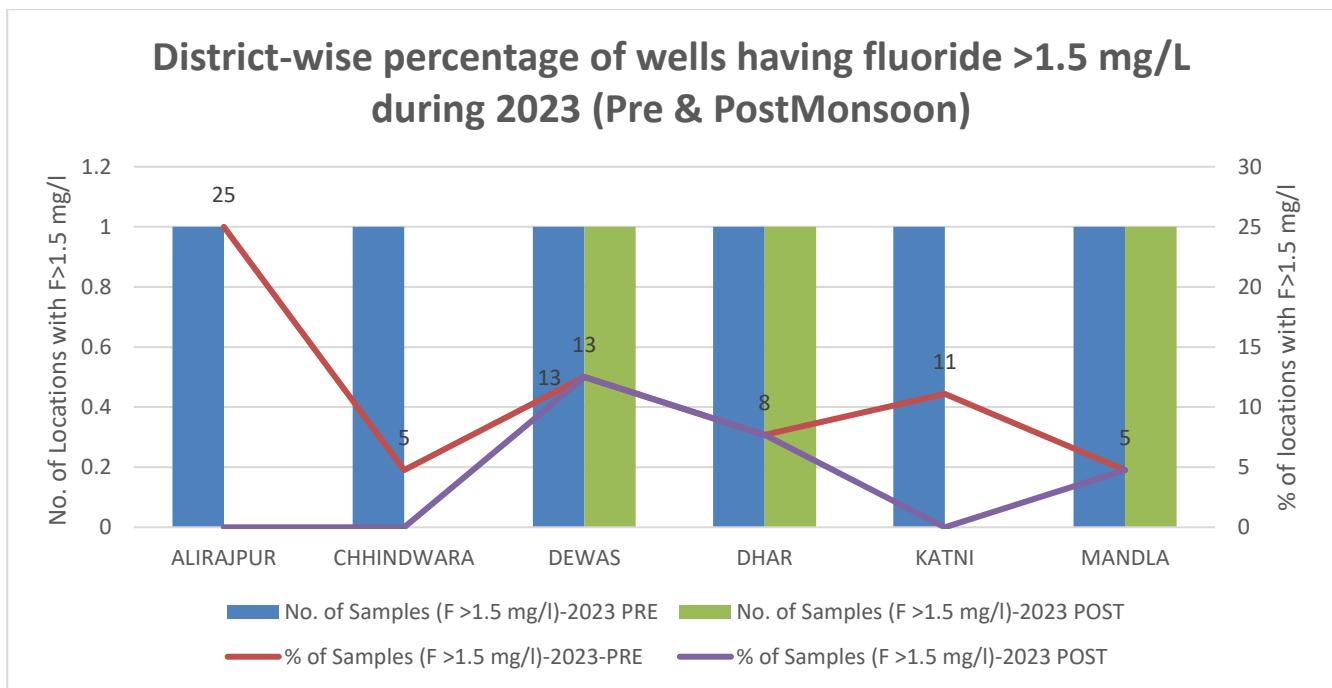


Fig 7.2.4 District-wise percentage of wells having fluoride >1.5 mg/L during 2023 (Pre & Post-monsoon)

Table 7.2.2 Districts showing localized occurrence of Fluoride (>1.5mg/L) in Groundwater in MP during NHS 2023-24 (Pre-Monsoon)

Sl. No	District	Block	Location	Lat.	Long.	F (mg/L)
1	ALIRAJPUR	JOBAT	BADAGUDA	22.4297	74.5172	1.6
2	CHHINDWARA	TAMIA	MAHALJHIR	22.609	78.574	1.54
3	DEWAS	KANNOD	SATWAS NEW	22.534	76.682	1.85
4	DHAR	BADNAWAR	KANWAN NEW	22.87	75.258	1.71
5	KATNI	RITHI	BILHARI NEW	23.9028	80.2514	2.46
6	MANDLA	MAWAI	MOTINALA	22.345	80.903	2.3

Table-7.2.3: Comparative Change in number of Districts having F > 1.5 mg/L in various districts from 2017-23.

S. No.	District	Nos. of locations having F> 1.5 mg/L.				Increase/Decrease w.r.t year 2022
		2017	2022	2023 (Pre-Monsoon)	2023 (Post-Monsoon)	
1	AGAR MALWA	0	0	0	0	0
2	ALIRAJPUR	3	0	1	0	1
3	ANUPPUR	2	1	0	0	-1
4	ASHOK NAGAR	0	0	0	0	0
5	BALAGHAT	0	0	0	0	0
6	BARWANI	0	0	0	0	0
7	BETUL	4	0	0	0	0
8	BHIND	4	0	0	0	0
9	BHOPAL	0	0	0	0	0
10	BURHANPUR	0	0	0	0	0
11	CHHATARPUR	0	1	0	0	-1
12	CHHINDWARA	5	0	1	0	1
13	DAMOH	0	0	0	0	0
14	DATIA	0	1	0	0	-1
15	DEWAS	0	0	1	1	1
16	DHAR	3	0	1	1	1
17	DINDORI	2	1	0	0	-1
18	GUNA	2	0	0	0	0
19	GWALIOR	0	0	0	0	0
20	HARDA	2	0	0	0	0
21	HOSHANGABAD	0	0	0	0	0
22	INDORE	1	0	0	0	0
23	JABALPUR	1	0	0	0	0
24	JHABUA	0	0	0	0	0
25	KATNI	0	0	1	0	1
26	KHANDWA	1	0	0	0	0
27	KHARGONE	0	0	0	0	0
28	MANDLA	2	0	1	1	1
29	MANDSAUR	0	0	0	0	0
30	MORENA	0	0	0	0	0
31	NARSINGHPUR	0	0	0	0	0
32	NEEMUCH	3	2	0	0	-2
33	PANNA	0	0	0	0	0
34	RAISEN	0	0	0	0	0
35	RAJGARH	0	0	0	0	0
36	RATLAM	0	0	0	0	0
37	REWA	0	0	0	0	0
38	SAGAR	0	0	0	0	0
39	SATNA	1	0	0	0	0
40	SEHORE	2	0	0	0	0
41	SEONI	2	5	0	0	-5

42	SHAHDOL	0	0	0	0	0	0
43	SHAJAPUR	1	3	0	0	0	-3
44	SHEOPUR	0	0	0	0	0	0
45	SHIVPURI	0	0	0	0	0	0
46	SIDHI	0	0	0	0	0	0
47	SINGRAULI	0	1	0	0	0	-1
48	TIKAMGARH	0	0	0	0	0	0
49	UJJAIN	3	0	0	0	0	0
50	UMARIA	1	0	0	0	0	0
51	VIDISHA	0	0	0	0	0	0
	TOTAL	45	15	6	3		-9

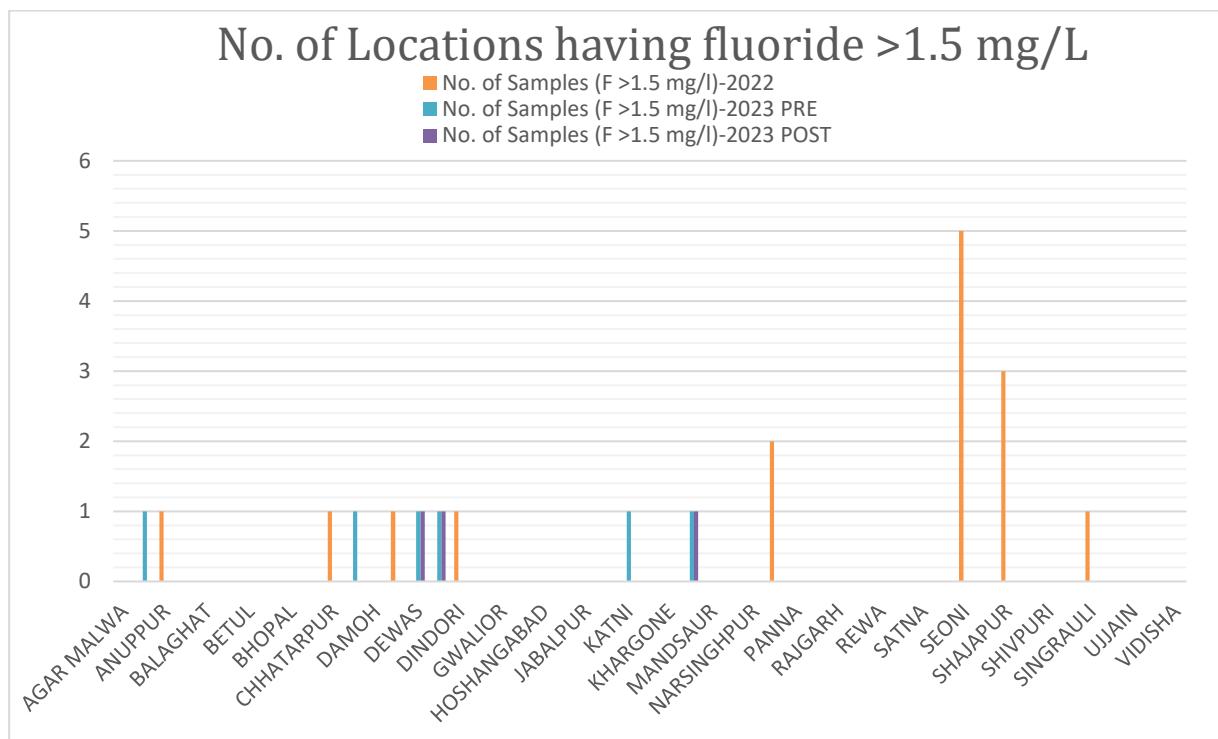


Fig 7.2.5 Comparison on No of districts exceed Fluoride >1.5 during 2017 and 2023

It has been observed (Table 7.2.3) that total number of locations affected by high fluoride in different districts has decreased by 60 % in Premonsoon 2023 as compared to the data available in 2022. In Alirajpur, Chhindwara, Dewas, Dhar, Katni and Mandla the increase in the no. of locations is a matter of concern.

7.2.1 TREND ON FLUORIDE

The occurrence of fluoride in groundwater is mainly due to weathering and leaching of fluoride bearing minerals from rocks and sediments. To assess the trend of ground water pollution due to geogenic activity, the percentage of well exceeds the permissible limit of 1.5mg/L for the period of 2017 to 2023 were compared and presented in the Table 7.3.4 and Fig 7.3.4 and observed that the percentage of samples exceed the permissible limit of fluoride 1.5 mg/L were ranging between 1-4 % and a decreasing trend was noticed. The number of fluoride affected district has decreased in the year 2022. Trend on water quality for fluoride was prepared for the state of Madhya Pradesh is showing a similar pattern (Fig 7.3.5).

Table 7.2.4: Percentage of wells Exceed fluoride >1.5 mg/L during the period of 2017-2022

Year	Total Number of samples analysed	No. of districts affected by F	No. of locations affected by F	%age of locations affected by F
2017 (Pre-Monsoon)	1197	20	45	3.76
2018 (Pre-Monsoon)	1175	18	39	3.32
2019 (Pre-Monsoon)	1193	19	38	3.19
2020 (Pre-Monsoon)	1038	12	19	1.83
2021 (Pre-Monsoon)	1153	16	24	2.08
2022 (Pre-Monsoon)	1142	8	15	1.31
2023 (Pre-Monsoon)	589	6	6	1.02
2023 (Post-Monsoon)	531	3	3	0.56

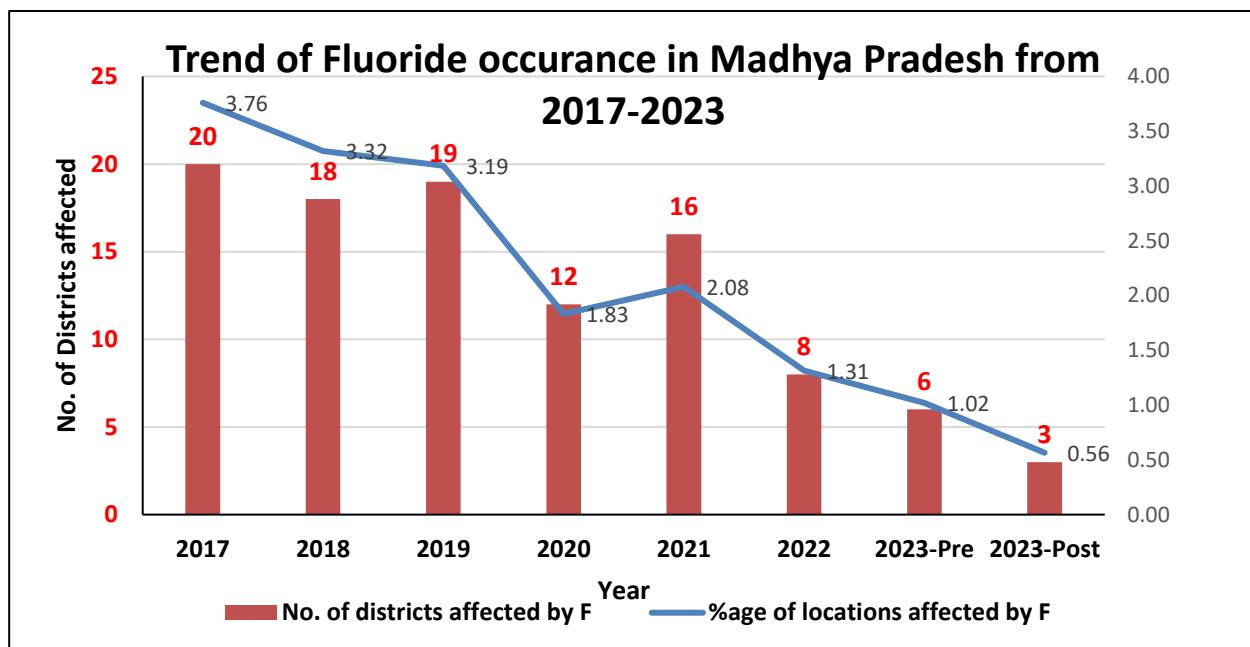


Fig. 7.2.6 Trend of Fluoride occurrence in MP

Trend on fluoride in Chhindwara, Bhind and Datia district, MP shows (Fig 7.2.7, 7.2.8,7.2.9) an decreasing trend after 2019.

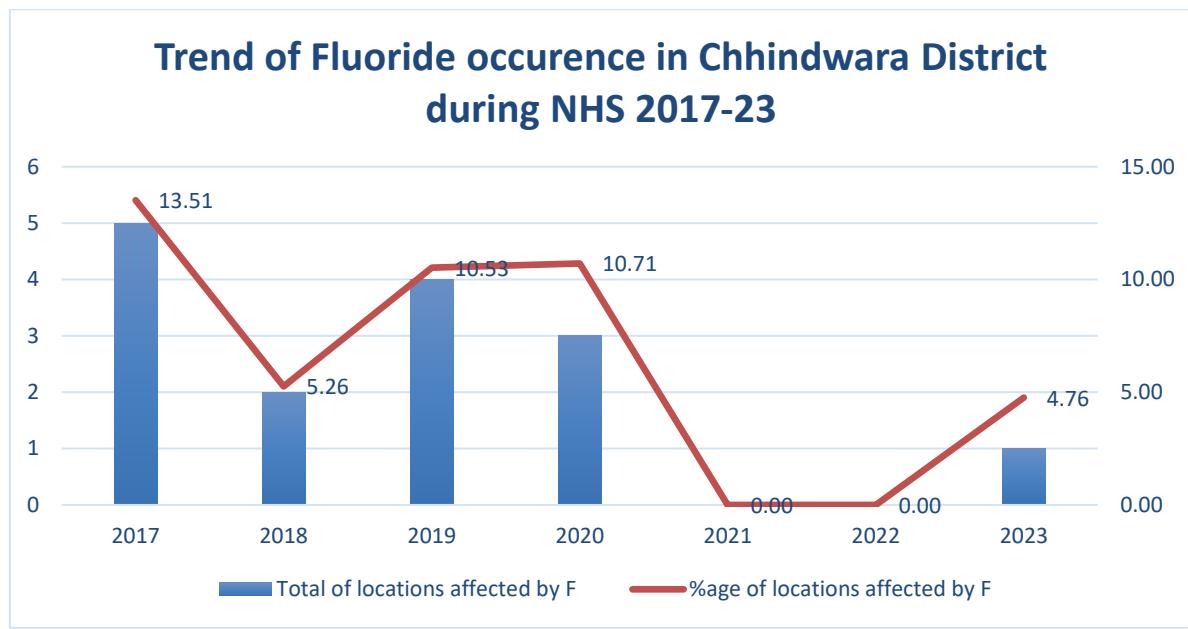


Fig.

7.2.7 Trend of Fluoride occurrence in Chhindwara district during NHS 2017-23

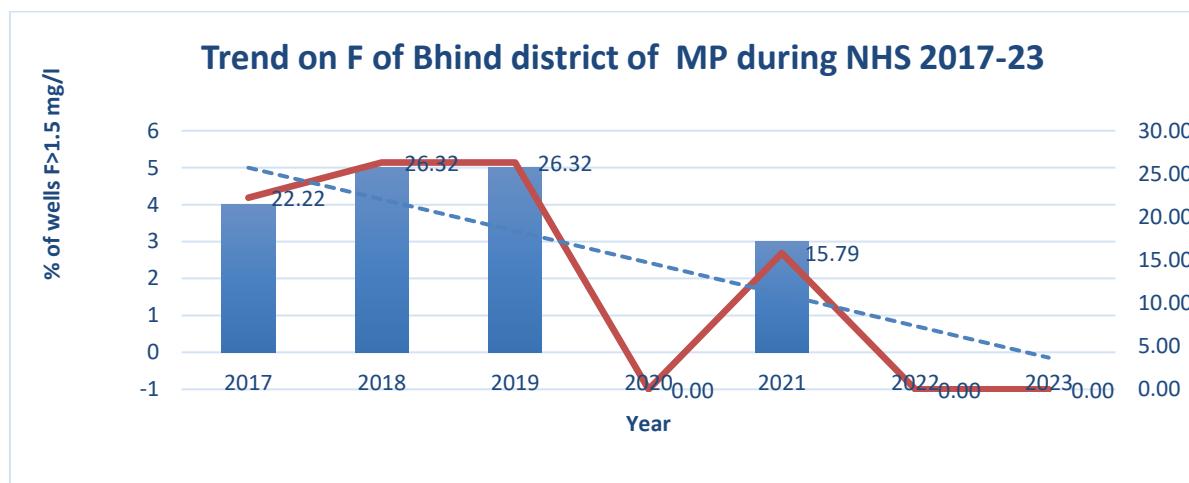


Fig 7.2.8 Trend on Fluoride in Bhind district for the period of 2017-2023

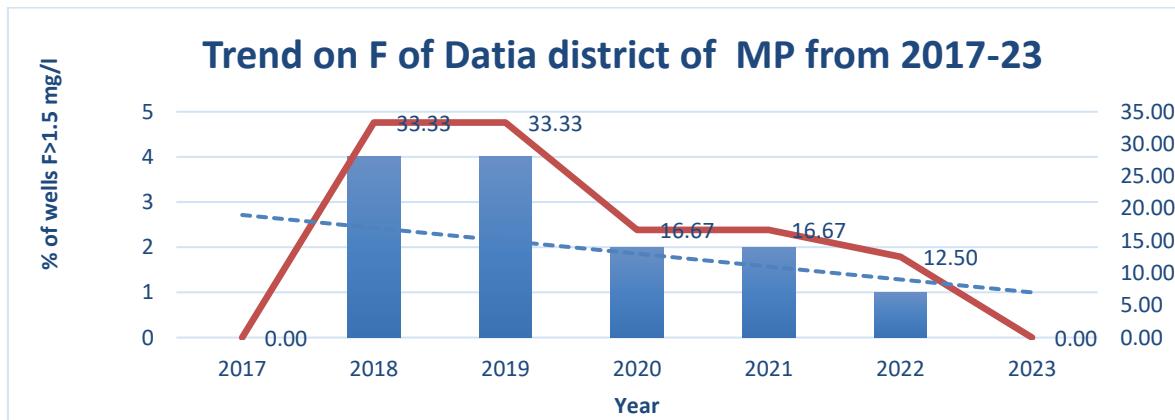


Fig 7.2.9 Trend on Fluoride in Datia district for the period of 2017-2023

Remedial Measures for Fluoride

The fluoride remedial measures broadly adopted are ex-situ techniques. They can be classified into three major categories.

(a) Adsorption and ion exchange

This technique functions on the adsorption of fluoride ions onto the surface of an active agent such as activated alumina, red mud, bone char, brick pieces column, mud pot and natural adsorbents where fluoride is removed by ion exchange or surface chemical reaction with the solid bed matrix.

Activated alumina: Activated alumina is a highly porous aluminum oxide exhibiting high surface area. Alumina has a high preference for fluoride compared to other anionic species, and hence is an attractive adsorbent. The crystal structure of alumina contains cation lattice discontinuities giving rise to localized areas of positive charge which makes it attract various anionic species. It also does not shrink, swell, soften nor disintegrate when immersed in water. The maximum absorption capacity of activated alumina for fluoride is found to be 3.6 mg F/g of alumina.

Ion-Exchange resins: Synthetic chemicals, namely, anion and cation exchange resins have been used for fluoride removal. Some of these are Polyanion (NCL), Tul-sion A - 27, Deacedite FF (IP), Amberllite IRA 400, LewatitMIH - 59, and AmberliteXE - 75. These resins have been used in chloride and hydroxy form. The fluoride exchange capacity of these resins depends upon the ratio of fluoride to total anions in water.

(b) Coagulation-precipitation

Precipitation methods are based on the addition of chemicals (coagulants and coagulant aids) and the subsequent precipitation of a sparingly soluble fluoride salt as insoluble. Fluoride removal is accomplished with separation of solids from liquid. Aluminium salts (eg. Alum), lime, Poly Aluminium Chloride, Poly Aluminium Hydroxy sulphate and Brushite are some of the frequently used materials in defluoridation by precipitation technique. The best example for this technique is the famous Nalgonda technique.

Nalgonda Technique

Nalgonda technique involves addition of Aluminium salts, lime and bleaching powder followed by rapid mixing, flocculation, sedimentation, filtration and disinfection. It is opined that this technique is preferable at all levels because of the low price and ease of handling, is highly versatile and can be used in various scales from household level to community scale water supply.

The Nalgonda technique can be used for raw water having fluoride concentration between 1.5 and 20 mg/L and the total dissolved solids should be <1500 mg/L, and total hardness < 600 mg/L. The alkalinity of the water to be treated must be sufficient to ensure complete hydrolysis of alum added to it and to retain a minimum residual alkalinity of 1 - 2 meq/L in the treated water to achieve a pH of 6.5 - 8.5 in treated water. Several researchers have attempted to improve the technique by increasing the removal efficiency of fluoride using Poly Aluminium Chloride (PAC) and Poly Aluminium Hydroxy Sulphate (PAHS).

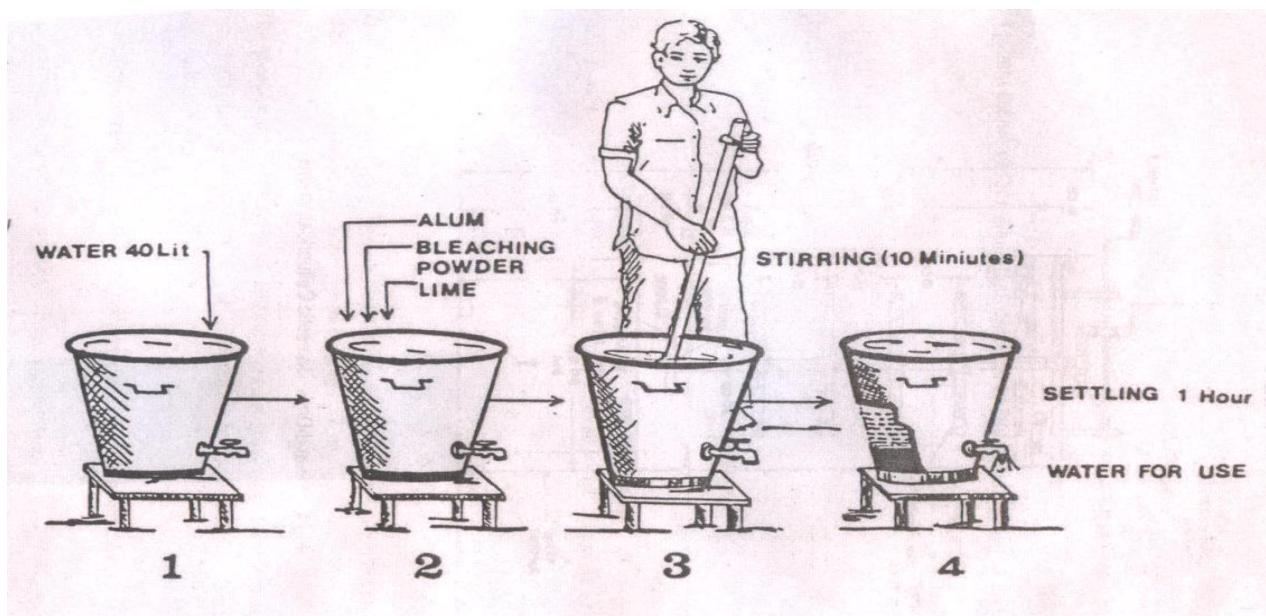


Fig 7.2.10 Defluoridation at Domestic level

(c) Membrane techniques

Reverse osmosis, nanofiltration, dialysis and electro dialysis are physical methods that have been tested for defluoridation of water. Though they are effective in removing fluoride salts from water, however, there are certain procedural disadvantages that limit their usage on a large scale.

7.3 NITRATE

Nitrate is a naturally occurring compound that is formed in the soil when nitrogen and oxygen combine. The primary source of all nitrates is atmospheric nitrogen gas. This is converted into organic nitrogen by some plants by a process called nitrogen fixation. Dissolved Nitrogen in the form of Nitrate is the most common contaminant of ground water. Nitrate in groundwater generally originates from non-point sources such as leaching of chemical fertilizers & animal manure, groundwater pollution from septic and sewage discharges etc. It is difficult to identify the natural and man-made sources of nitrogen contamination of ground water. Some chemical and micro-biological processes such as nitrification and denitrification also influence the nitrate concentration in ground water.

As per the BIS Standard for drinking water the maximum desirable limit of Nitrate concentration in ground water is 45 mg/L with no relaxation. Though, Nitrate is considered relatively non-toxic, a high nitrate concentration in drinking water is an environmental health concern arising from increased risks of methemoglobinemia particularly to infants. Adults can tolerate little higher concentrations. The specified limits are not to be exceeded in public water supply. If the limit is exceeded, water is considered to be unfit for human consumption.

The occurrences of Nitrate in ground water beyond permissible limit (45 mg /L) have been shown on the map as a point source Fig 7.3.1. Table-7.3.1 shows the districts where nitrate has been found in excess of 45 mg/L in groundwater.

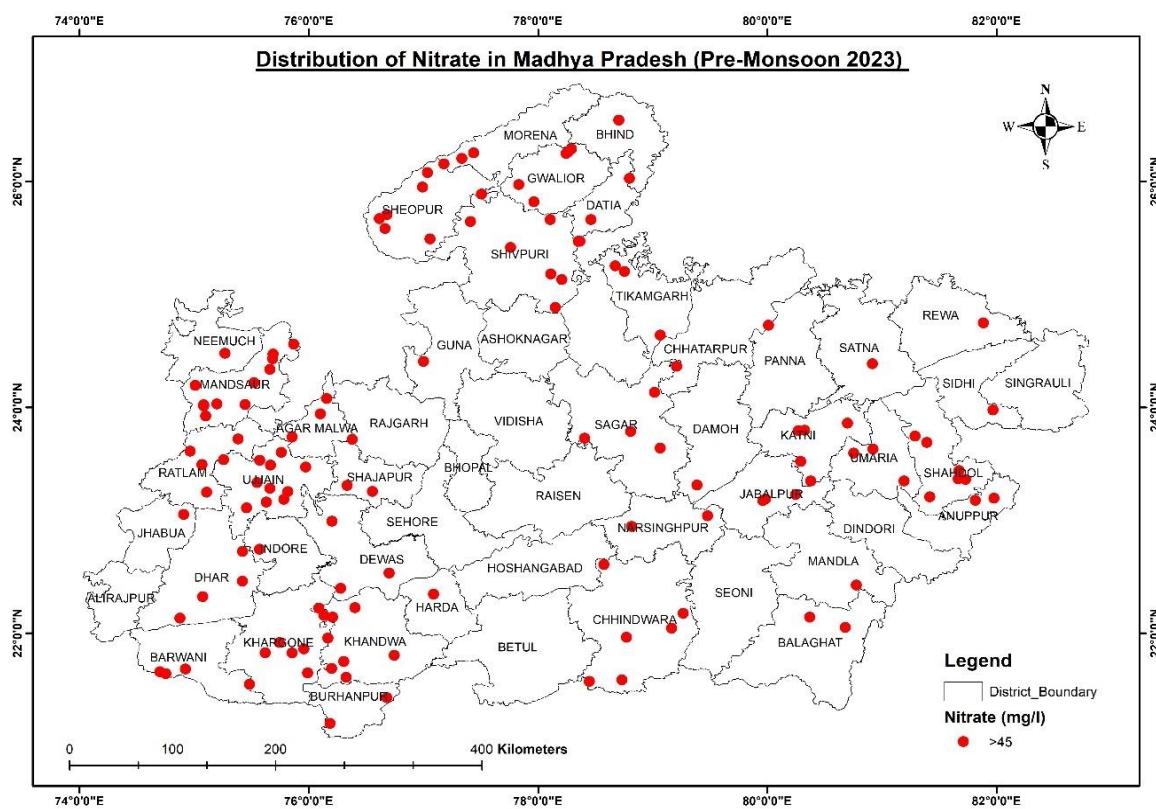


Fig 7.3.1 Locations having Nitrate concentration > 45 mg/L during PreMonsoon 2023-24

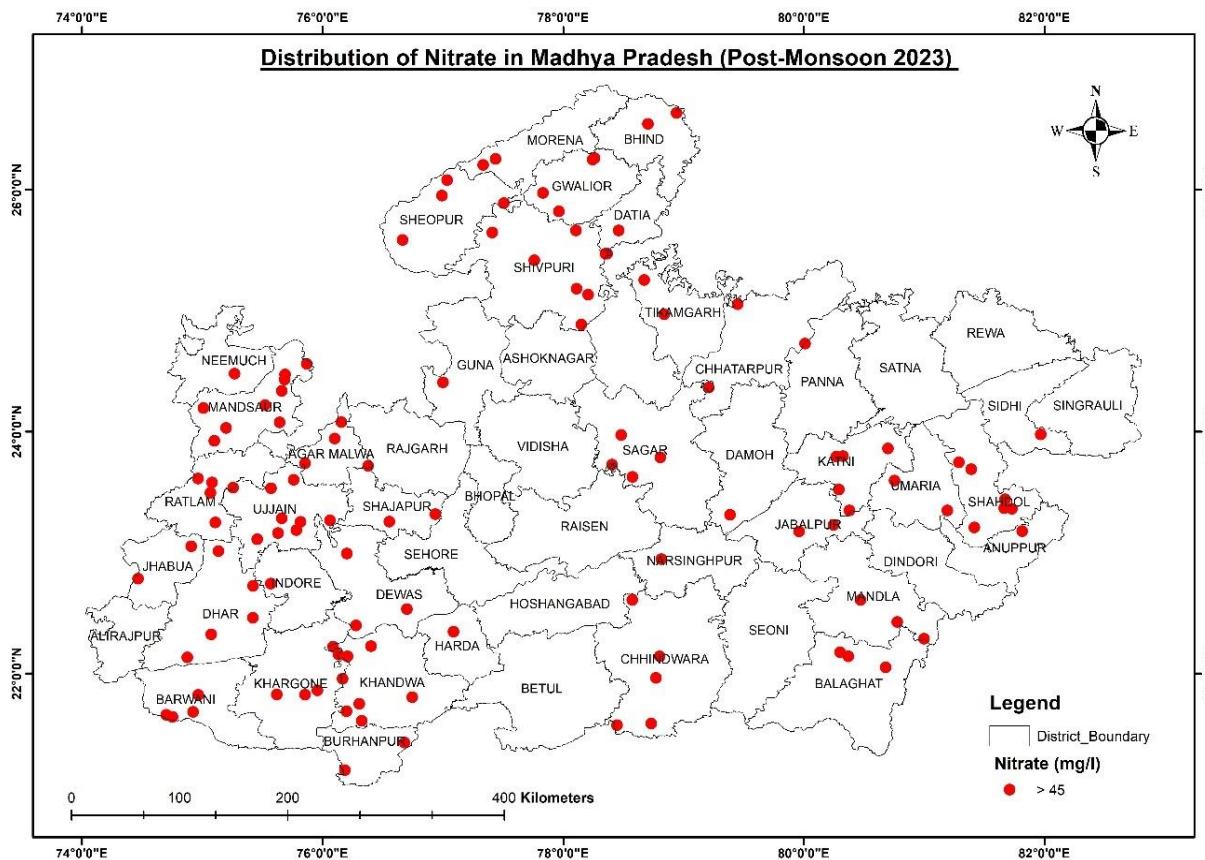


Fig 7.3.2 Locations having Nitrate concentration > 45 mg/L during Post-Monsoon 2023-24

Table 7.3.1: District-wise percentage of wells having Nitrate > 45 mg/L

S. No	District	No. of Samples collected (NHS 2022-23)	No. of Samples (NO ₃ > 45 mg/L)-2022	(%) Samples (NO ₃ > 45mg/L)-2022	No. of Samples collected (NHS 2023-Pre)	No. of Samples (NO ₃ >45 mg/l)-2023 PRE	% of Samples (NO ₃ >45 mg/l)-2023-PRE	No. of Samples collected (NHS 2023-Post)	No. of Samples (NO ₃ >45 mg/l)-2023 POST	% of Samples (NO ₃ >45 mg/l)-2023 POST
1	AGAR MALWA	12	3	25	8	3	37.5	8	3	37.5
2	ALIRAJPUR	13	3	23	4	0	0.0	4	0	0.0
3	ANUPPUR	20	0	0	16	2	12.5	16	1	6.3
4	ASHOK NAGAR	18	3	17	4	0	0.0	1	0	0.0
5	BALAGHAT	39	7	18	20	2	10.0	18	3	16.7
6	BARWANI	20	13	65	5	3	60.0	5	4	80.0
7	BETUL	28	5	18	12	0	0.0	10	0	0.0
8	BHIND	18	6	33	7	2	28.6	6	2	33.3
9	BHOPAL	26	2	8	5	0	0.0	5	0	0.0
10	BURHANPUR	18	7	39	8	2	25.0	6	2	33.3
11	CHHATARPUR	29	7	24	15	0	0.0	12	1	8.3
12	CHHINDWARA	39	17	44	21	6	28.6	19	5	26.3
13	DAMOH	16	7	44	15	1	6.7	11	1	9.1
14	DATIA	8	0	0	3	1	33.3	3	1	33.3
15	DEWAS	24	10	42	8	3	37.5	8	3	37.5
16	DHAR	25	6	24	13	4	30.8	13	5	38.5
17	DINDORI	14	0	0	12	0	0.0	12	0	0.0
18	GUNA	21	0	0	7	1	14.3	7	1	14.3
19	GWALIOR	25	9	36	20	5	25.0	19	4	21.1
20	HARDA	12	8	67	5	1	20.0	5	1	20.0
21	HOSHANGABAD	19	2	11	9	0	0.0	9	0	0.0
22	INDORE	21	3	14	8	1	12.5	8	1	12.5
23	JABALPUR	34	4	12	9	3	33.3	9	2	22.2
24	JHABUA	11	4	36	4	1	25.0	4	2	50.0
25	KATNI	16	4	25	9	5	55.6	9	5	55.6
26	KHANDWA	30	13	43	19	9	47.4	19	9	47.4
27	KHARGONE	20	15	75	11	6	54.5	10	3	30.0
28	MANDLA	30	4	13	21	1	4.8	21	3	14.3
29	MANDSAUR	14	6	43	18	11	61.1	16	9	56.3
30	MORENA	13	1	8	8	2	25.0	8	2	25.0
31	NARSINGHPUR	17	5	29	9	2	22.2	7	1	14.3
32	NEEMUCH	13	0	0	12	1	8.3	10	1	10.0
33	PANNA	21	2	10	15	1	6.7	15	1	6.7
34	RAISEN	28	4	14	2	0	0.0	2	0	0.0
35	RAJGARH	20	6	30	5	1	20.0	5	1	20.0
36	RATLAM	24	2	8	14	5	35.7	12	5	41.7
37	REWА	22	3	14	17	1	5.9	10	0	0.0
38	SAGAR	34	1	3	24	5	20.8	20	5	25.0
39	SATNA	41	2	5	9	1	11.1	8	0	12.5
40	SEHORE	19	8	42	9	0	0.0	9	0	0.0
41	SEONI	44	7	16	24	0	0.0	22	0	0.0
42	SHAHDOL	28	2	7	23	6	26.1	23	6	26.1
43	SHAJAPUR	14	5	36	7	2	28.6	6	2	33.3
44	SHEOPUR	21	9	43	14	8	57.1	9	4	44.4
45	SHIVPURI	30	21	70	9	8	88.9	9	8	88.9
46	SIDHI	26	3	12	18	1	5.6	16	1	6.3
47	SINGRAULI	26	0	0	11	0	0.0	8	0	0.0
48	TIKAMGARH	17	4	24	11	3	27.3	8	2	25.0
49	UJJAIN	20	4	20	15	10	66.7	15	8	53.3
50	UMARIA	15	4	27	10	3	30.0	10	2	20.0
51	VIDISHA	29	10	34	7	0	0.0	6	0	0.0
Total		1142	271	24	589	133	22.6	531	120	22.7

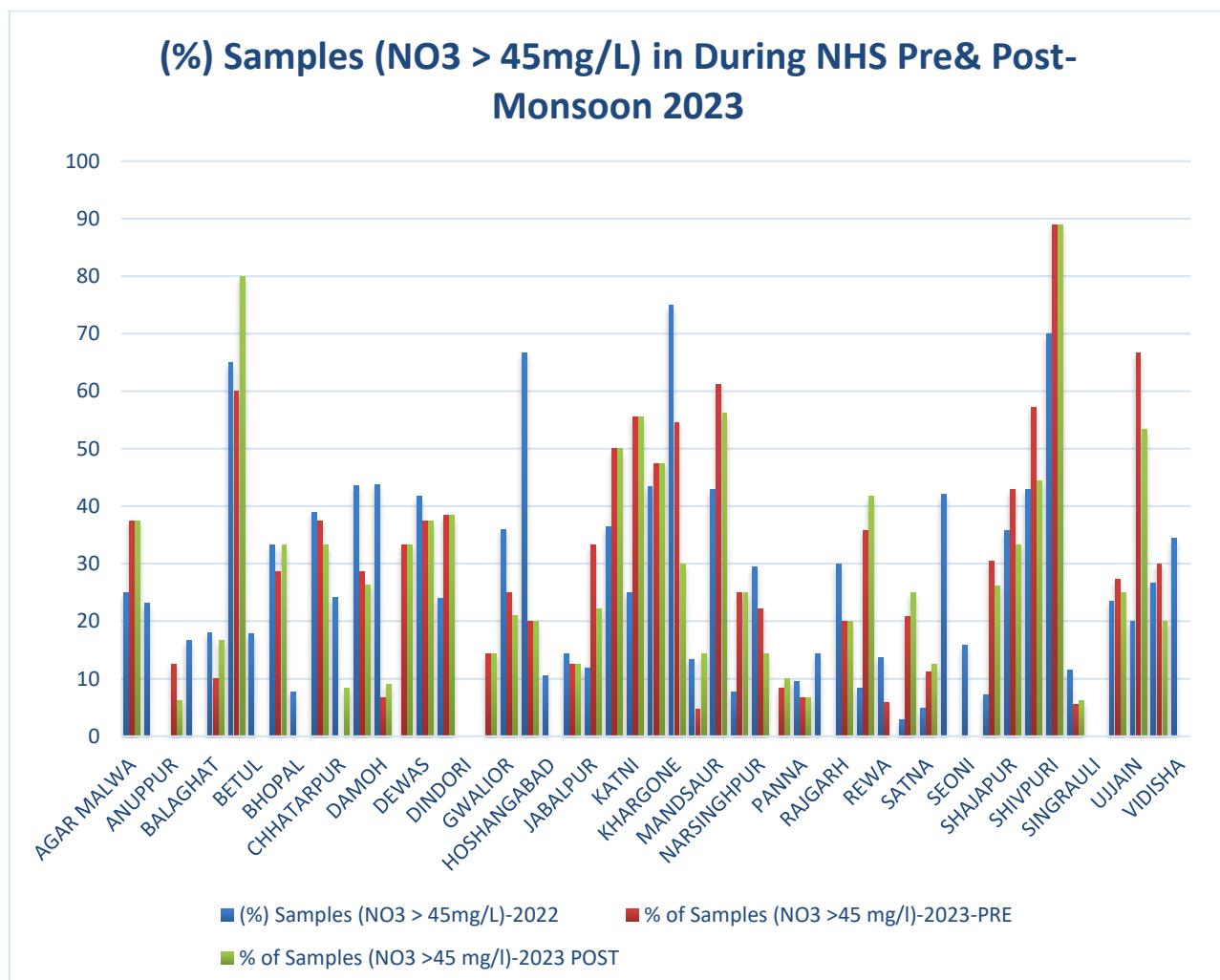


Fig 7.3.3 District-wise samples exceed Nitrate 45 mg/L (NHS 2023)

Table 7.3.2: List of Districts Showing Localized Occurrence of Nitrate (>45 mg/L) in Ground Water in Different Districts of MP

Sl. No.	District	Parts of Districts having Nitrate > 45 mg/L
1	AGAR MALWA	MATKOTRA,GURADI BANGLA,SUSNER NEW
2	ANUPPUR	FUNGA,KOTMA
3	BALAGHAT	
4	BARWANI	MOHAGAON,BAGHOLI
5	BHIND	NIWALI2,DONWAHA,PANSEMAL
6	BURHANPUR	CHAPORA,PIPALPANI
7	CHHINDWARA	BANGAON2,MARKA HANDI,THANVARI KUNDA,SAONRI2,PIPLANARAYANWAR,MAHALJHIR,"SAMNAPUR
8	DAMOH	SAMNAPUR
9	DATIA	DATIA NEW
10	DEWAS	PIPRI,SATWAS NEW,BHONRASA
11	DHAR	LUNERA,SADALPUR,AWALDAMAN NEW,PIPALYA
12	GUNA	BADAUD NEW

13	GWALIOR	DONGARPUR,CHARAI SHYAMPUR,SURO,JAHANGIRPUR,PADAMPUR KHERIA
14	HARDA	HARDADW
15	INDORE	RANGWASA
16	JABALPUR	GOKALPUR,KANCH GHAR,BISHANPURA
17	JHABUA	SARANGI
18	KATNI	PIPARIA2,SILONI,UMARIAPAN,GANIYARI,BILHARI NEW KUSUMBIYA,ROSHIYA NEW,KHALWA1,BAIRUKHEDA,BORGAON
19	KHANDWA	BUZURG,GHOSALI,KAROLI,THAPANA,UDAIPUR
20	KHARGONE	BHULWANI,BAMNALA NEW,BHIKANGAON2,GOGAON,ZIRANNIYA,KHARGONE
21	MANDLA	SIJHORA
22	MANDSAUR	BABULDA,DUDHKHERI,SANDHARA,BARKHERANAYAK,GAROTH NEW,PIPALIYA,ATITKHEDI,DALODA2,NAYAKHERA,SURJANI,BASAKHEDA
23	MORENA	RANIPURA,TONGA GAON
24	NARSINGHPUR	KOUDIYA,GOTEGAON
25	NEEMUCH	KUKRESHWAR
26	PANNA	MADLA
27	RAJGARH	PACHORNEW
28	RATLAM	TAL,RAMNAGAR,RANKODA,DHARAD,MESWASA NEW
29	REWA	PAHADI
30	SAGR	BAMORI BIKA NEW,HURRA,REHLI,DALPATPUR,HIRAPUR
31	SATNA	CHORHATA
32	SHAHDOL	BAHGAD,BHIKHAMPUR NEW,KHAMHIDOL,JAISINGHNAGAR NEW,SINGHPUR NEW, DEORI
33	SHAJAPUR	TILAWAD GOVIND,MORTA KEWARI
34	SHEOPUR	KARAHAL,BHAGWARA,FILOJPURA,RAJPURA,GHASWANI,HARKUI,PURA,SHYAMPUR
35	SHIVPURI	AWAS,SIKANDARA,BAMORKALAN NEW,SITAPUR,SEHORE,SEMRI,AINPURA,BHAGORA
36	SIDHI	KODAR
37	TIKAMGARH	NENGAWAN,PRITHIPUR,REHLI
38	UJJAIN	CHHOTI GHADSOD NEW,KHAROTIA NEW,RUIE NEW,UNHEL,BAIJNATH,DELCHI BUZURG,MAHIDPURTOWN,RUPAKHEDI,DABLA REHWARI,UJJAIN NAGAR PALIKA
39	UMARIA	CHOTI PALI,DHAMOKHAR NEW,GHUNGHTI NEW

Table-7.3.3: Comparative Change in number of Districts having Nitrate > 45 mg/L in various districts during NHS 2023 (pre-Monsoon)

S. No.	District	Nos. of locations having NO ₃ > 45 mg/L.				Increase/ Decrease w.r.t 2022
		2017	2022	2023 (Pre-Monsoon)	2023 (Post-Monsoon)	
1	AGAR MALWA	5	3	3	3	0
2	ALIRAJPUR	9	3	0	0	-3
3	ANUPPUR	0	0	2	1	2
4	ASHOK NAGAR	4	3	0	0	-3
5	BALAGHAT	8	7	2	3	-5
6	BARWANI	5	13	3	4	-10
7	BETUL	5	5	0	0	-5
8	BHIND	5	6	2	2	-4
9	BHOPAL	13	2	0	0	-2
10	BURHANPUR	3	7	2	2	-5
11	CHHATARPUR	9	7	0	1	-7
12	CHHINDWARA	14	17	6	5	-11
13	DAMOH	3	7	1	1	-6
14	DATIA	3	0	1	1	1
15	DEWAS	14	10	3	3	-7
16	DHAR	10	6	4	5	-2
17	DINDORI	1	0	0	0	0
18	GUNA	4	0	1	1	1
19	GWALIOR	4	9	5	4	-4
20	HARDA	6	8	1	1	-7
21	HOSHANGABAD	5	2	0	0	-2
22	INDORE	5	3	1	1	-2
23	JABALPUR	3	4	3	2	-1
24	JHABUA	3	4	1	2	-3
25	KATNI	3	4	5	5	1
26	KHANDWA	18	13	9	9	-4
27	KHARGONE	12	15	6	3	-9
28	MANDLA	2	4	1	3	-3
29	MANDSAUR	8	6	11	9	5
30	MORENA	3	1	2	2	1
31	NARSINGHPUR	3	5	2	1	-3
32	NEEMUCH	12	0	1	1	1
33	PANNA	2	2	1	1	-1
34	RAISEN	9	4	0	0	-4
35	RAJGARH	7	6	1	1	-5
36	RATLAM	14	2	5	5	3
37	REWA	3	3	1	0	-2
38	SAGAR	7	1	5	5	4
39	SATNA	4	2	1	0	-1
40	SEHORE	6	8	0	0	-8
41	SEONI	5	7	0	0	-7
42	SHAHDOL	5	2	6	6	4
43	SHAJAPUR	5	5	2	2	-3
44	SHEOPUR	9	9	8	4	-1
45	SHIVPURI	17	21	8	8	-13
46	SIDHI	1	3	1	1	-2
47	SINGRAULI	2	0	0	0	0
48	TIKAMGARH	9	4	3	2	-1
49	UJJAIN	13	4	10	8	6
50	UMARIA	4	4	3	2	-1
51	VIDISHA	10	10	0	0	-10
Total		334	271	133	120	-63

It has been observed (Table 7.3.3) that No. of locations in various districts of MP having high Nitrate (more than 45 mg/l) content in ground water has decreased in year 2023 as compared to the data available in year 2022. List of Locations exceeding NO₃ concentration > 45 mg/l are given in Annexure 4.

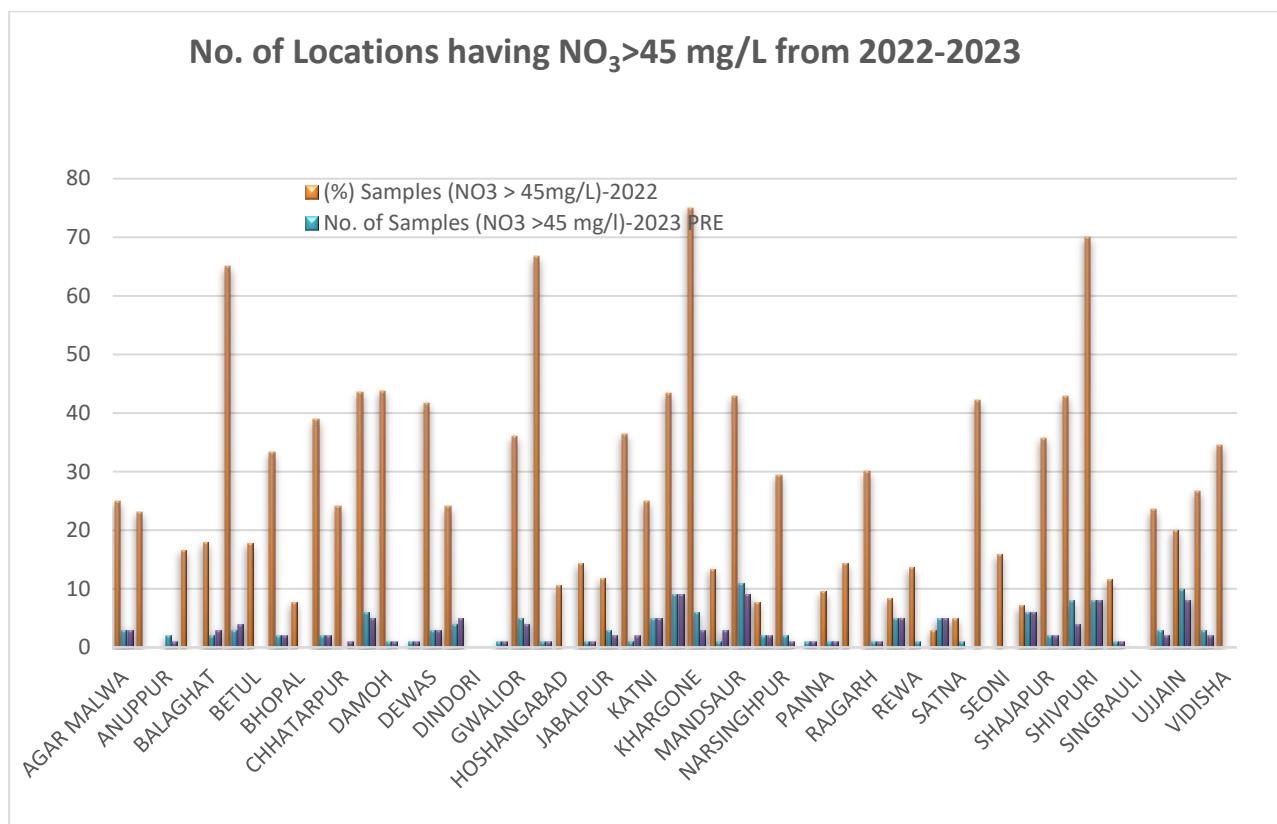


Fig. 7.3.4 Bar diagram comparing no. of Nitrate contaminated (45 mg/L) locations in various districts during year 2022 and 2023 (Pre & Post-Monsoon 2023) in MP.

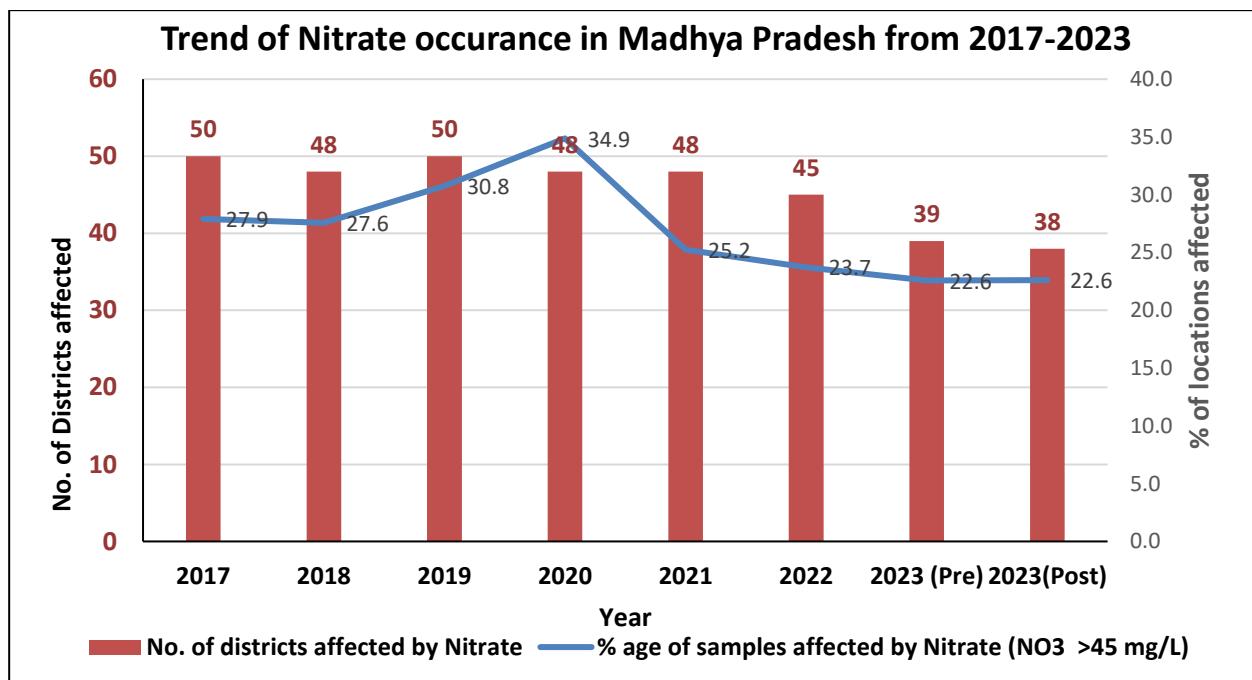
7.3.1 TREND ON NITRATE

Trend analysis determines whether the measured values of the water quality variables increase or decrease during a time period. Nitrate is one of the major indicators of anthropogenic sources of pollution. Nitrate is the ultimate oxidized product of all nitrogen containing matter and its occurrence in groundwater can be fairly attributed to infiltration of water through soil containing domestic waste, animal waste, fertilizer and industrial pollution. As the lithogenic sources of nitrogen are very rare, its presence in ground water is almost due to anthropogenic activity. Hence, nitrate was taken to assess the trend of ground water quality in India due to anthropogenic activity. The percentage of well exceeds the permissible limit of 45mg/L for the period of 2017 to 2023 were compared and presented in the Table 7.3.4 and Fig 7.3.4 and observed that the percentage of samples exceed the permissible limit of nitrate (> 45 mg/L) were ranging between 22-35 % and a decreasing trend was noticed. The number of nitrate affected district has decreased in the year 2023 which maybe due to dilution effect. Trend on water quality for Nitrate prepared for the state of Madhya Pradesh is showing a similar pattern (Fig 7.3.5).

Table 7.3.5: Percentage of wells Exceed Nitrate >1.5 mg/L during the period of 2017-2023

Year	Total Number of samples analysed	No. of districts affected by Nitrate	No. of locations affected by Nitrate	% age of samples affected by Nitrate ($\text{NO}_3 >45 \text{ mg/L}$)
2017 (Pre-Monsoon)	1197	50	334	27.9
2018 (Pre-Monsoon)	1175	48	324	27.6
2019 (Pre-Monsoon)	1193	50	367	30.8
2020 (Pre-Monsoon)	1038	48	362	34.9
2021 (Pre-Monsoon)	1153	48	291	25.2
2022 (Pre-Monsoon)	1142	45	271	23.7
2023 (Pre-Monsoon)	589	39	133	22.6
2023 (Post-Monsoon)	531	38	120	22.6

Fig. 7.3.5 Trend of Nitrate occurrence in MP from 2017-2023



Trend on Nitrate in Ujjian and Dhar district of MP is shown (Fig 7.3.6 and 7.3.7) . It can be observed that there is an overall increasing trend in number of locations affected by Nitrate from 2017 to 2023.

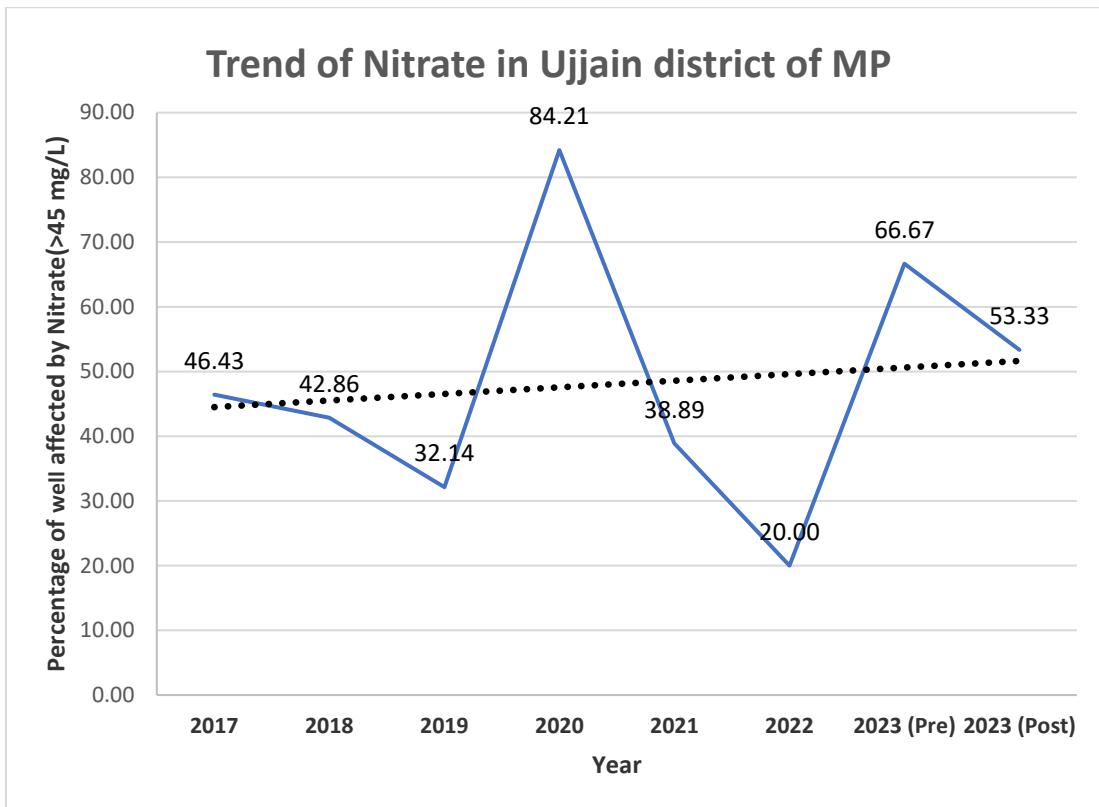


Fig 7.3.6 Trend on Nitrate in Ujjain district MP for the period of 2017-2023

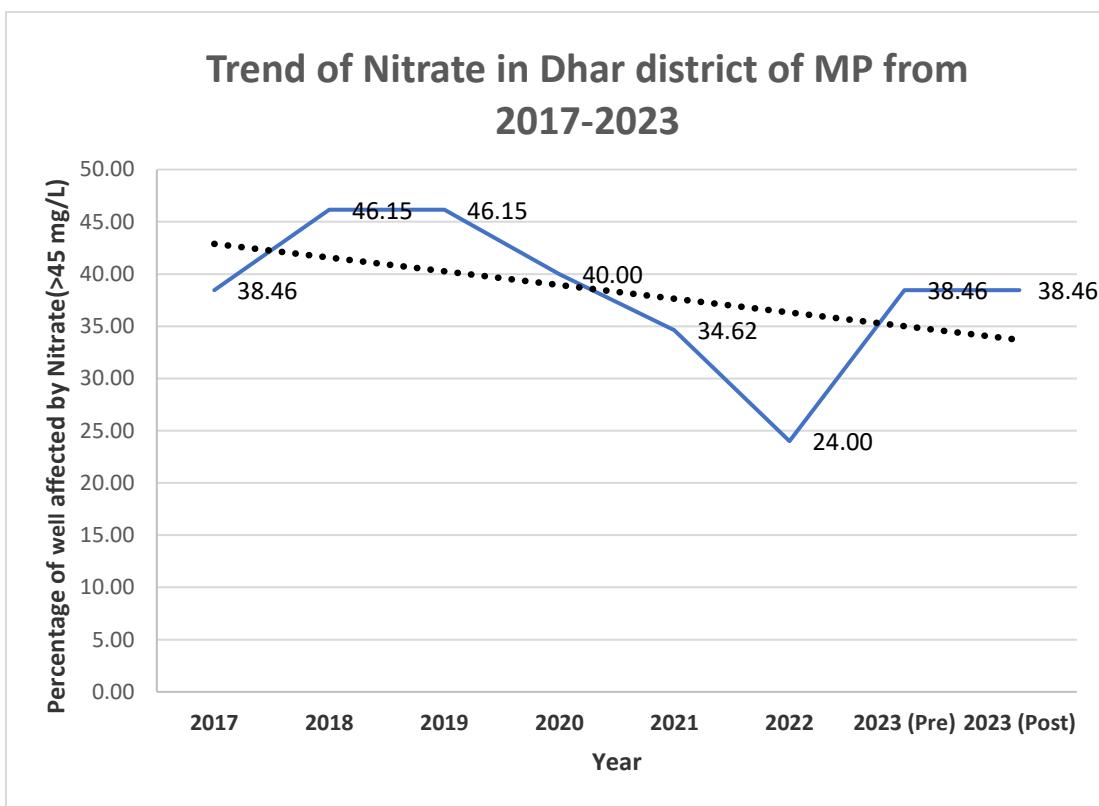


Fig 7.3.7 Trend on Nitrate in Dhar district of MP for the period of 2017-2023

Remedial Measures for Nitrate

For removal of nitrate both non-treatment techniques like blending and treatment processes such as ion-exchange, reverse osmosis, biological denitrification and chemical reduction are useful. The most important thing is that neither of these methods is completely effective in removing all the nitrogen from the water.

a) Methods involving no treatment: In order to use any of these options the nitrate problem must be local-scale. Common methods are –

- Raw water source substitution
- Blending with low nitrate waters

This greatly reduces expenses and helps to provide safer drinking water to larger numbers of people.

b) Methods involving Treatment:

They are as follows

- Adsorption/Ion Exchange
- Reverse Osmosis
- Electrodialysis
- Bio-chemical Denitrification (By using denitrifying bacteria and microbes)
- Catalytic Reduction/Denitrification (using hydrogen gas)

The mechanism of nitrate pollution in subsurface porous unconfined/confined aquifer is governed by complex biogeochemical processes. Apart from recharge conditions, groundwater chemistry may be impacted by the mineral kinetics of water-rock interactions. Consequently, suitable nitrate removal technologies should be selected. Nitrate is a very soluble ion with limited potential for co-precipitation or adsorption. This makes it difficult such as chemical coagulation, lime softening and filtration which are commonly used for removing most of the chemical pollutants such as fluoride, arsenic and heavy metals. According to King et al., 2012 nitrate treatment technologies can be classified in two categories in two categories, i.e. nitrate reduction and nitrate removal options. Nitrate removal technologies involve physical processes that does not necessarily involve any alteration of the chemical state of nitrate ions. Bio-chemical reduction options aim to reduce nitrate ions to other states of nitrogen, e.g. ammonia, or a more innocuous form as nitrogen gas. In-situ bioremediation is also effectively used in used in nitrate treatment of contaminated groundwater. Reverse Osmosis, catalytic reduction and blending are effective methods for nitrate removal from groundwater. For nitrate removal, operating trans-membrane pressure of RO unit generally ranges from 20 to 100 bar.

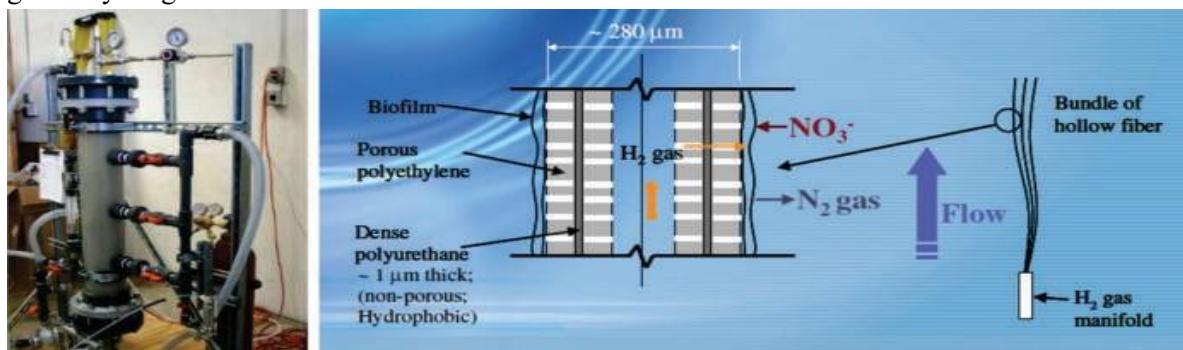


Fig. 7.3.8 Advanced Nitrate Reduction Hollow Fiber Membrane Reactor (Source: Hand Book for Drinking Water Treatment, JJM, Ministry of Jal Shakti, Gov. of India)

7.4 TOTAL HARDNESS

Total hardness is predominantly caused by cations such as calcium and magnesium and anion such as bicarbonate and sulphate. Total hardness is defined as the sum of calcium and magnesium both expressed as CaCO₃ in mg/L. Hardness represents the soap-consuming capacity of water. Species that form insoluble compounds with soap Ca, Mg, Organic compounds etc. Total hardness is sum of Ca and Mg and expresses as CaCO₃ mg/l. EDTA titration. The two kind of hardness observed in water.

- Temporary hardness is due to Carbonate.
- Permanent hardness is due to Sulphate, Chloride or Nitrate.

The hardness in water is derived largely from contact with the soil and rock formations. Rain water as it falls upon the earth is in capable of dissolving the tremendous amount of solids found in many natural waters. People with kidney and bladder stones should avoid high content of calcium and magnesium in water (K. R. Karanth, 1997). The BIS permissible limit of hardness is 300 – 600 mg/L. The total hardness in groundwater was observed in a many part of the state. It is observed that there are several locations in the districts of Agar Malwa,,Bhind, Burhanpur, Chhindwara, Datia, Dewas, Guna ,Gwalior, ,Indore, Khandwa, Khargone, Mandla, Mandsaur, Neemuch, Rajgarh, Ratlam, Sagar, Sehore, Seoni, Sheopur, Shivpuri, Ujjain, Vidisha where the total hardness in ground water exceeds 600 mg/L. The details of locations where total hardness concentration more than 600 mg/l is given in table 7.8.1.

Table – 7.4.1 Number of location having total hardness > 600 mg/L in State of MP during Pre & Post-Monsoon 2023.

SL.No	District	Nos. of Samples (PRM-Basic)	Nos. of Locations >600	% of Locations (>600 mg/l)	Nos. of Samples (Post-Monsoon)	Nos. of Locations >600	% of Locations (>600 mg/l)
1	AGAR MALWA	8	1	12.5	8	0	0.0
2	ALIRAJPUR	4	0	0.0	4	0	0.0
3	ANUPPUR	16	0	0.0	16	0	0.0
4	ASHOK NAGAR	4	0	0.0	1	0	0.0
5	BALAGHAT	20	0	0.0	18	0	0.0
6	BARWANI	5	0	0.0	5	0	0.0
7	BETUL	12	0	0.0	10	0	0.0
8	BHIND	7	1	14.3	6	0	0.0
9	BHOPAL	5	0	0.0	5	0	0.0
10	BURHANPUR	8	1	12.5	6	1	16.7
11	CHHATARPUR	15	0	0.0	12	0	0.0
12	CHHINDWARA	21	1	4.8	19	1	5.3
13	DAMOH	15	0	0.0	11	0	0.0
14	DATIA	3	1	33.3	3	1	33.3
15	DEWAS	8	1	12.5	8	1	12.5
16	DHAR	13	0	0.0	13	0	0.0
17	DINDORI	12	0	0.0	12	0	0.0
18	GUNA	7	1	14.3	7	1	14.3
19	GWALIOR	20	3	15.0	19	2	10.5
20	HARDA	5	0	0.0	5	0	0.0

21	HOSHANGABAD	9	0	0.0	9	0	0.0
22	INDORE	8	1	12.5	8	0	0.0
23	JABALPUR	9	0	0.0	9	0	0.0
24	JHABUA	4	0	0.0	4	0	0.0
25	KATNI	9	0	0.0	9	0	0.0
26	KHANDWA	19	1	5.3	19	0	0.0
27	KHARGONE	11	1	9.1	10	0	0.0
28	MANDLA	21	1	4.8	21	1	4.8
29	MANDSAUR	18	5	27.8	16	3	18.8
30	MORENA	8	0	0.0	8	0	0.0
31	NARSINGPUR	9	0	0.0	7	0	0.0
32	NEEMUCH	12	3	25.0	10	1	10.0
33	PANNA	15	0	0.0	15	0	0.0
34	RAISEN	2	0	0.0	2	0	0.0
35	RAJGARH	5	1	20.0	5	2	40.0
36	RATLAM	14	1	7.1	12	0	0.0
37	REWA	17	0	0.0	10	0	0.0
38	SAGAR	24	3	12.5	20	1	5.0
39	SATNA	9	0	0.0	8	0	0.0
40	SEHORE	9	1	11.1	9	1	11.1
41	SEONI	24	1	4.2	22	0	0.0
42	SHAHDOL	23	0	0.0	23	0	0.0
43	SHAJAPUR	7	0	0.0	6	0	0.0
44	SHEOPUR	14	1	7.1	9	0	0.0
45	SHIVPURI	9	2	22.2	9	2	22.2
46	SIDHI	18	0	0.0	16	0	0.0
47	SINGRAULI	11	0	0.0	8	0	0.0
48	TIKAMGARH	11	0	0.0	8	0	0.0
49	UJJAIN	15	2	13.3	15	2	13.3
50	UMARIA	10	0	0.0	10	0	0.0
51	VIDISHA	7	1	14.3	6	0	0.0
Total		589	35		531	20	

Table 7.4.2 Locations having total hardness > 600 mg/L in Ground Water in Different Districts of MP

S.No.	District	Parts of District having Total Hardness > 600 mg/L as CaCO ₃
1	AGAR MALWA	JHOUNTA
2	BHIND	ALAMPUR
3	BURHANPUR	PIPALPANI
4	CHHINDWARA	MAHALJHIR
5	DATIA	DATIA NEW
6	DEWAS	NEVRI
7	GUNA	PENCHI
8	GWALIOR	DONGARPUR,SURO,JAHANGIRPUR
9	INDORE	DUDHIYA

10	KHANDWA	THAPANA
11	KHARGONE	GOGAON
12	MANDLA	SIJHORA
13	MANDSAUR	DUDHKHERI,GAROTH NEW,BARKHERANAYAK,MALHARGARH,SURJANI
14	NEEMUCH	DIKKEN,KUKRESHWAR,KACHOLI
15	RAJGARH	PACHORNEW
16	RATLAM	TAL
17	SAGAR	GARHAKOTA,REHLI,HIRAPUR
18	SEHORE	ICHHAWAR
19	SEONI	ARI
20	SHEOPUR	HARKUI
21	SHIVPURI	SEHORE,BHAGORA
22	UJJAIN	DELCHI BUZURG,MAKDON
23	VIDISHA	IMALIYA

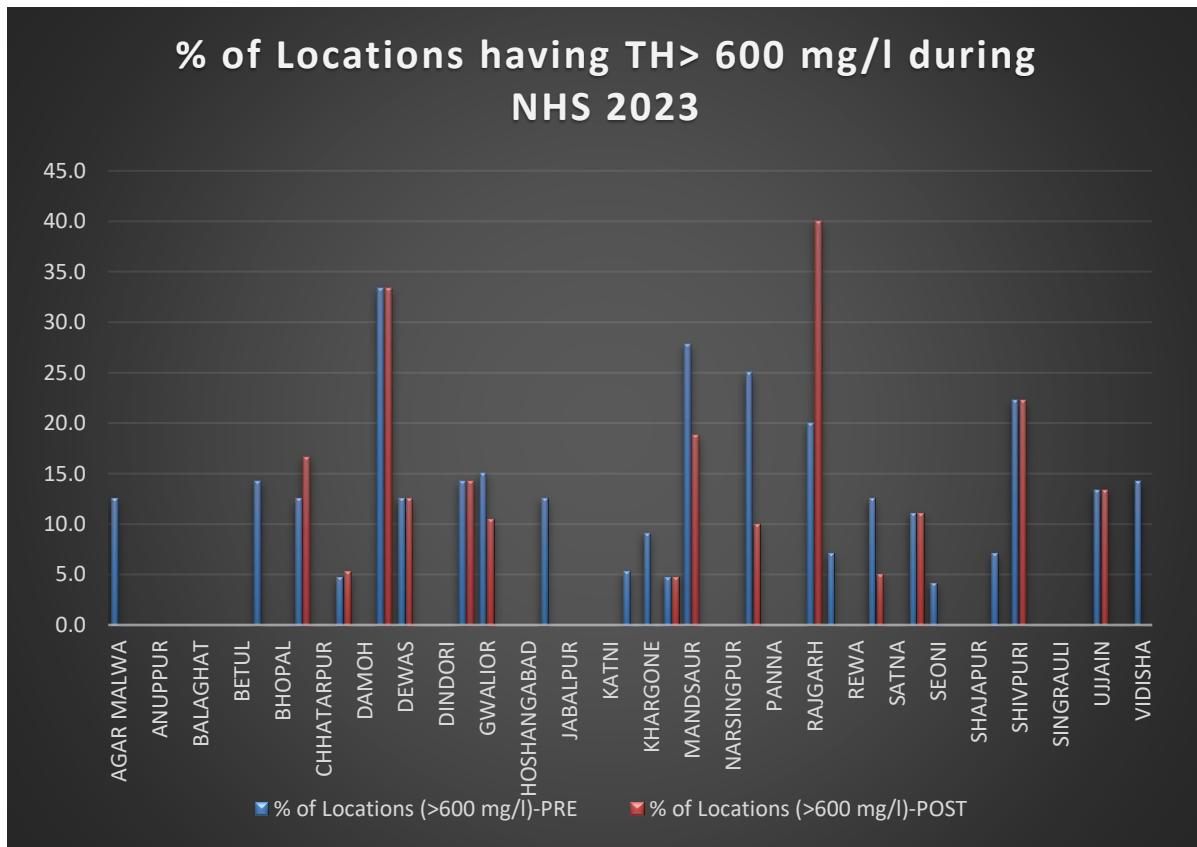


Fig 7.4.1 District-wise percentage of wells having Total hardness > 600 mg/L during NHS 2023-24

Removal of total hardness

A few methods to remove hardness from water are,

- Chemical Process of Boiling Hard Water.
- Adding Slaked Lime (Clark's Process)
- Adding Washing Soda.
- Calgon Process.
- Ion Exchange Process.

- Using Ion Exchange Resins.

CARBONATE (TEMPORARY) HARDNESS also known as Ca Bicarbonate

$\text{Ca}(\text{HCO}_3)_2 + \text{Mg}$ Bicarbonate $\text{Mg}(\text{HCO}_3)_2$. Removal by Boiling or adding Lime

NON-CARBONATE (PERMANENT) HARDNESS

Calcium Sulfate CaSO_4 + Magnesium Sulfate MgSO_4 & Calcium Chloride CaCl_2 + Magnesium Chloride MgCl_2 . Removal by Lime-soda, Zeolite or Demineralization Processes

7.5 URANIUM

Uranium occurs naturally in groundwater and surface water. Being a radioactive mineral, high uranium concentration can cause impact on water, soil and health. Uranium has both natural and anthropogenic source that could lead to the aquifer. These sources include leaching from natural deposits, release in mill tailings, and emissions from the nuclear industry, combustion of coal and other fuels and the use of phosphate fertilizers that contains uranium and contribute to ground water pollution. Uranium enters in human tissues mainly through drinking water, food, air and other occupational and accidental exposures. Intake of uranium through air and water is normally low, but in circumstances in which uranium is present in a drinking water source, the majority of intake can be through drinking water.

Water with uranium concentration above the recommended maximum permissible concentration of 30 ppb (BIS,10500:2012) is not safe for drinking purposes as it can cause damage to internal organs, on continuous intake. Elevated uranium concentrations in drinking water have been associated with many epidemiological studies such as urinary track cancer as well as kidney toxicity. A recent study, found a strong correlation between uranium concentration in drinking water and uranium in bone, suggesting that bones are good indicators of uranium exposed via ingestion of drinking water. Therefore, such studies trigger further assessment of uranium's adverse health effects on humans and/or the environment for countries where elevated uranium concentration in drinking water has been observed. Hence, it becomes important to study the level of uranium in drinking water for health risk assessment.

Uranium concentration in the shallow ground water varies primarily due to recharge and discharge, which would have dissolved or leached the uranium from the weathered soil to groundwater zone. High uranium concentrations observed in groundwater may be due to local geology, anthropogenic activities, urbanization and use of phosphate fertilizers in huge quantity for agriculture purpose. Studies have shown that phosphate fertilizer possess uranium concentration ranging from 1 mg/kg to 68.5 mg/kg (Brindha K et al., 2011). Hence, the phosphate fertilizers manufactured from phosphate rocks may also contribute uranium to ground water in agriculture region. In ores, uranium is found as uranite (UO_2^{2+}) and pitchblende ($\text{U}_3\text{O}_8^{2+}$) or in the form of secondary minerals (complex oxides, silicates, phosphates, vanadates).

Table 7.5.1 Summary of uranium concentrations in different types of rocks

Rocks	Range(mg/kg)
Granite	3.4
Limestone/dolomite	2.2
Argillaceous shale	3.7
Sediments	1.4-53
Phosphates	30-100

Table 7.5.2 Standards and guidelines for uranium in drinking water in various countries.

Sl. No	Country / agency	guideline value ($\mu\text{g/L}$)	Reference
1	Australia	GV 17	NHMRC, Australia (2011)
2	Bulgaria	ML 60	European Food Safety Authority (2009)
3	Canada	MAC 20	Health Canada (2019)
4	Finland	RV 100	European Food Safety Authority (2009)
5	India	RBL 60	AERB, India (2004)
6	India	PL 30	BIS,2012
7	Malaysia	MAV 2	Ministry of Health Malaysia (2004)
8	USA	MCL 30	USEPA (2011)
9	WHO	PGV 30	WHO 2011

GV, Guideline value; ML, Maximum limit; MAC, Most acceptable concentration; RV, Recommended value; RBL, Radiological based limit; PL, Permissible Limit; MAV, Maximum acceptable value; MCL, Maximum contaminant level; PGV, Provisional guideline value

To assess the Uranium concentration and distribution in the ground water, Central Ground Water Board, North Central Region, Bhopal had decided to carry out Uranium sampling of its National Hydrograph Network Stations (NHNS) in the entire state during Pre-monsoon monitoring (May,2023) for Total 1064 number of samples. The sample collection and storage were done according to the standard protocols prescribed by APHA (2017). The groundwater samples were collected in plastic bottles without acidification. Uranium (U) was detected using ICP-MS. To ensure quality control, standard checks were performed on every ten samples.

The range of Uranium for the samples collected during Premonsoon 2023 was found to be 0-163.2 ppb. It was observed that Uranium more than BIS permissible limit of 0.03 mg/l or 30 ppb was found at 5 locations of Chhatarpur, Datia and Gwalior districts out of 1064 samples analysed. Maximum Uranium was found at Makoda, Gwalior (163.2 mg/l)

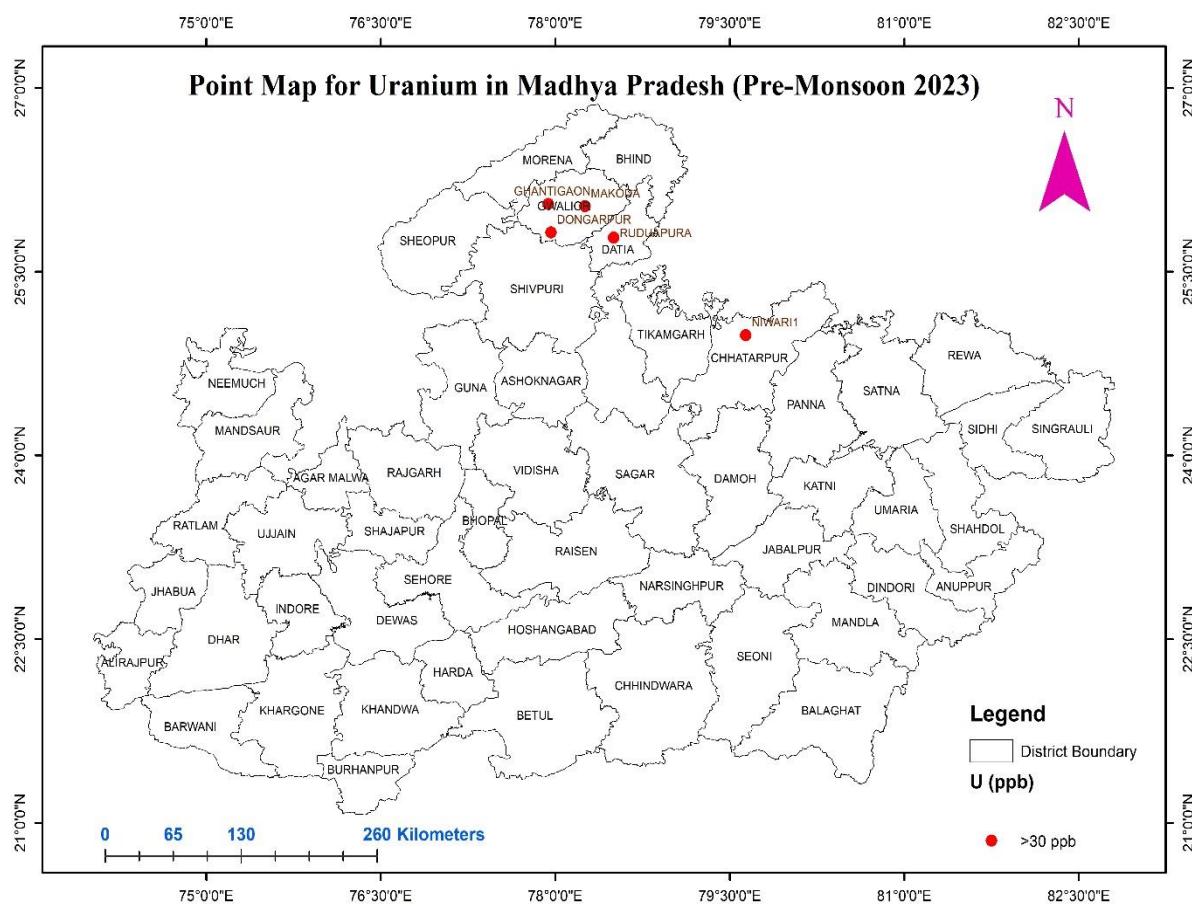


Fig 7.5.1: Map showing Location of Uranium Hotspots in MP during Pre-monsoon 2023

Table 7.5.3: District wise Range and distribution of Uranium in shallow GW of MP during Pre-monsoon 2023

S. No.	District	Nos. of locations having U> 30 ppb		Increase/ Decrease w.r.t 2022
		2022	2023	
1	AGAR MALWA	0	0	0
2	ALIRAJPUR	1	0	-1
3	ANUPPUR	0	0	0
4	ASHOK NAGAR	0	0	0
5	BALAGHAT	0	0	0
6	BARWANI	0	0	0
7	BETUL	0	0	0
8	BHIND	1	0	-1
9	BHOPAL	0	0	0
10	BURHANPUR	0	0	0
11	CHHATARPUR	0	1	1
12	CHHINDWARA	0	0	0
13	DAMOH	0	0	0
14	DATIA	1	1	0
15	DEWAS	0	0	0
16	DHAR	0	0	0
17	DINDORI	0	0	0

18	GUNA	0	0	0
19	GWALIOR	3	3	0
20	HARDA	0	0	0
21	HOSHANGABAD	0	0	0
22	INDORE	0	0	0
23	JABALPUR	0	0	0
24	JHABUA	0	0	0
25	KATNI	0	0	0
26	KHANDWA	0	0	0
27	KHARGONE	0	0	0
28	MANDLA	1	0	-1
29	MANDSAUR	0	0	0
30	MORENA	0	0	0
31	NARSINGHPUR	0	0	0
32	NEEMUCH	0	0	0
33	PANNA	0	0	0
34	RAISEN	1	0	-1
35	RAJGARH	0	0	0
36	RATLAM	0	0	0
37	REWA	0	0	0
38	SAGAR	0	0	0
39	SATNA	0	0	0
40	SEHORE	0	0	0
41	SEONI	0	0	0
42	SHAHDOL	1	0	-1
43	SHAJAPUR	0	0	0
44	SHEOPUR	0	0	0
45	SHIVPURI	2	0	-2
46	SIDHI	0	0	0
47	SINGRAULI	0	0	0
48	TIKAMGARH	0	0	0
49	UJJAIN	0	0	0
50	UMARIA	0	0	0
51	VIDISHA	0	0	0
	Total	11	5	-6

7.5.1 TREND OF URANIUM

The percentage of well exceeds the permissible limit of 30 ppb for the period of 2020 to 2023 were compared and presented in Fig 7.3.4 and observed that the percentage of samples exceed the permissible limit of Uranium (> 30 ppb) were ranging between 0.29 to 1.3 % and a decreasing trend was noticed. The number of uranium affected district has decreased in the year 2023 which maybe due to dilution effect. Trend on water quality for Uranium prepared for the state of Madhya Pradesh is showing a similar pattern (Fig 7.4.1).

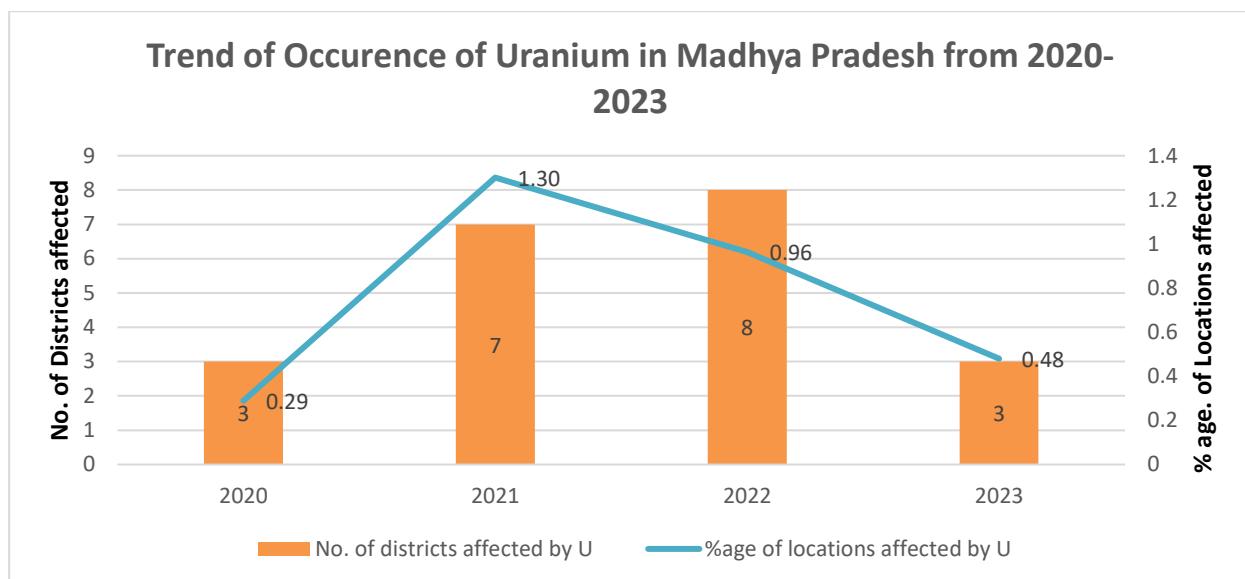


Fig 7.5.2 Trend of Occurrence of Uranium in Madhya Pradesh from 2020-2023

REMEDIAL MEASURES

Finding a remedy for the uranium contaminated groundwater effectively and thoroughly, has become need of day. Remediation technologies can be classified into physical, chemical and biological methods. Bioremediation is divided into plant and microorganism methods. Each method consists of both advantages and disadvantages and the appropriate mitigation techniques should be need based.

Adsorption has a high removal efficiency, but costs are also higher. The coagulation process is simple and comparatively economical, but the standard effluent concentration is hard to reach, so there is a need for follow-up treatment. Combined with adsorption, coagulation can remove 99% of U. The extraction process can remove effluent U concentrations of less than 0.05mg / L, but it will produce a lot of sludge. Reverse osmosis is referred as a best technology, but due to its high cost it can not be used on community scale. The evaporation method is simple and effective, the removal rate is high, but there are high costs and sludge needs that must be dealt with. A review of various treatment technologies for Uranium removal from water and their technical achievability as reported by various researchers are given below in Table 7.7.4

7.5.4 Comparison of treatment methods for removal of Uranium.

Treatment Method	Technical Achievability (%)
Coagulation/filtration at high pH (10+)	> 95
Lime softening	85-99
Anion exchange	99
Reverse osmosis	>95
Activated alumina	90
Coagulation/filtration	80-89

(Source: Hand Book for Drinking Water Treatment, JJM, Ministry of Jal Shakti, Gov. of India).

7.6 ARSENIC

Arsenic, a naturally occurring element, is widely distributed throughout the Earth's crust and can be found in various environmental mediums such as water, air, food, and soil. It exists in two primary forms: organic and inorganic. While natural processes like biological activities, weathering reactions, and volcanic emissions contribute to arsenic release, human activities also play a significant role.

Anthropogenic sources include mining activities, fossil fuel combustion, the use of arsenical pesticides, herbicides, and crop desiccants, as well as arsenic additives in livestock feed, especially poultry feed. Although the use of arsenical products like pesticides and herbicides has declined over recent decades, their use in wood preservation remains common. The maximum permissible limit for arsenic according to the Bureau of Indian Standards (BIS) is 10 parts per billion (ppb).

The range of Arsenic for the samples collected during Premonsoon 2023 was found to be 0-5.4 ppb . It was observed that Arsenic more than BIS permissible limit of 0.01 mg/l or 10 ppb was not found at any location in MP during Premonsoon 2023-24.

<i>Sl.No.</i>	<i>District</i>	<i>Nos. of samples analysed (N=1064)</i>	<i>Number of Samples >10 ppb</i>
1	AGAR MALWA	11	0
2	ALIRAJPUR	4	0
3	ANUPPUR	17	0
4	ASHOK NAGAR	18	0
5	BALAGHAT	40	0
6	BARWANI	9	0
7	BETUL	30	0
8	BHIND	16	0
9	BHOPAL	24	0
10	BURHANPUR	11	0
11	CHHATARPUR	27	0
12	CHHINDWARA	36	0
13	DAMOH	18	0
14	DATIA	9	0
15	DEWAS	19	0
16	DHAR	27	0
17	DINDORI	13	0
18	GUNA	20	0
19	GWALIOR	24	0
20	HARDA	12	0
21	HOSHANGABAD	19	0
22	INDORE	22	0
23	JABALPUR	19	0
24	JHABUA	8	0
25	KATNI	9	0
26	KHANDWA	30	0
27	KHARGONE	21	0
28	MANDLA	26	0
29	MANDSAUR	22	0

30	MORENA	11	0
31	NARSINGPUR	14	0
32	NEEMUCH	20	0
33	PANNA	25	0
34	RAISEN	21	0
35	RAJGARH	14	0
36	RATLAM	23	0
37	REWA	26	0
38	SAGAR	35	0
39	SATNA	48	0
40	SEHORE	21	0
41	SEONI	39	0
42	SHAHDOL	25	0
43	SHAJAPUR	13	0
44	SHEOPUR	18	0
45	SHIVPURI	28	0
46	SIDHI	24	0
47	SINGRAULI	18	0
48	TIKAMGARH	19	0
49	UJJAIN	24	0
50	UMARIA	11	0
51	VIDISHA	26	0
MADHYA PRADESH		1064	0

Table 7.6.1 : District wise Arsenic Affected locations in shallow GW of MP during Pre-monsoon 2023

7.7 IRON

Iron is a common constituent in soil and ground water. It is present in water either as soluble ferrous iron or the insoluble ferric iron. Water containing ferrous iron is clear and colorless because the iron is completely dissolved. When exposed to air, the water turns cloudy due to oxidation of ferrous iron into reddish brown ferric oxide.

The concentration of iron in natural water is controlled by both physico-chemical and microbiological factors. It is contributed to ground water mainly from weathering of ferruginous minerals of igneous rocks such as hematite, magnetite and sulphide ores of sedimentary and metamorphic rocks. The permissible Iron concentration in ground water is less than 1.0 mg/litre as per the BIS Standard for drinking water.

The range of Iron for the samples collected during Premonsoon 2023 was found to be 0-2.58 mg/l. It was observed that Iron more than BIS permissible limit of 1 mg/l was found at 20 locations of Ashoknagar, Balaghat, Damoh, Gwalior, Khandwa, Neemuch, ,Panna, Sagar, Sehore, Shajapur and Tikamgarh districts out of 1064 samples analysed. Maximum Iron was found at Naktapur , Sagar (2.58 mg/l) .

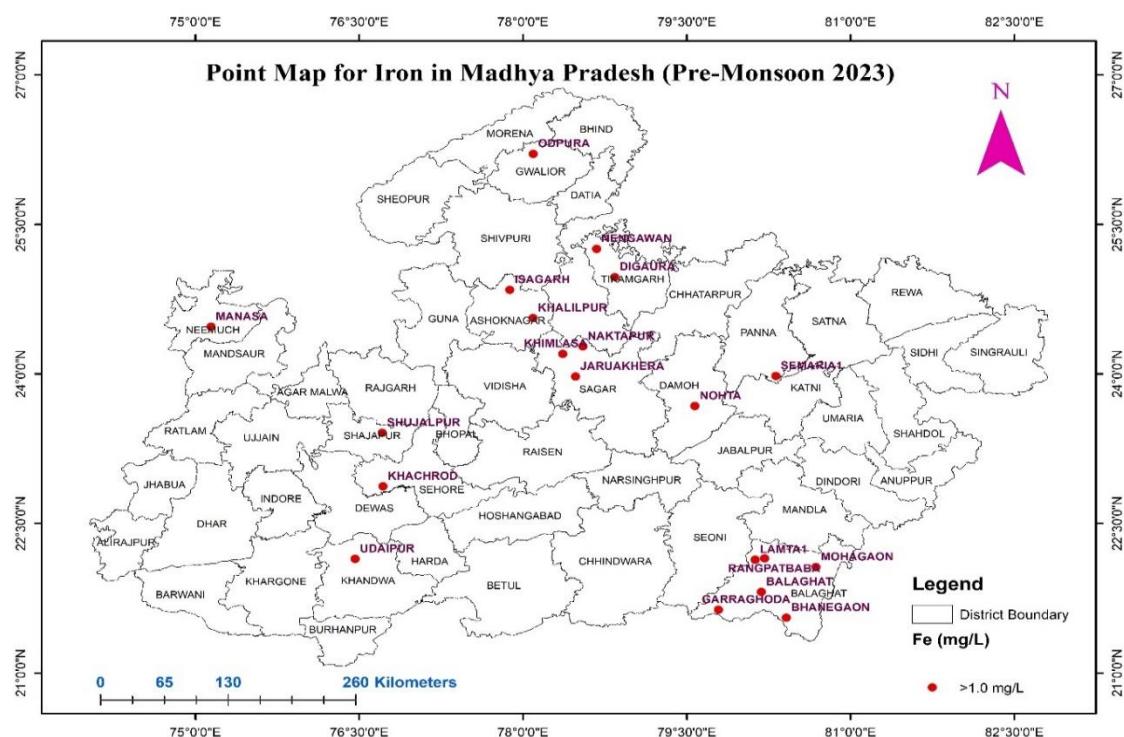


Fig 7.7.1 : Map showing Location of Iron Hotspots in MP during Pre-monsoon 2023.

Sl.No.	District	Nos. of samples analysed (N=1064)	Number of Samples (Count)		Number of Samples (%)	
			>1.0	>1.0	>1.0	>1.0
1	AGAR MALWA	11	0	0	0	0
2	ALIRAJPUR	4	0	0	0	0
3	ANUPPUR	17	0	0	0	0
4	ASHOK NAGAR	18	2	11.11	11.11	11.11
5	BALAGHAT	40	6	15	15	15
6	BARWANI	9	0	0	0	0
7	BETUL	30	0	0	0	0
8	BHIND	16	0	0	0	0
9	BHOPAL	24	0	0	0	0
10	BURHANPUR	11	0	0	0	0
11	CHHATARPUR	27	0	0	0	0
12	CHHINDWARA	36	0	0	0	0
13	DAMOH	18	1	5.56	5.56	5.56
14	DATIA	9	0	0	0	0
15	DEWAS	19	0	0	0	0
16	DHAR	27	0	0	0	0
17	DINDORI	13	0	0	0	0
18	GUNA	20	0	0	0	0
19	GWALIOR	24	1	4.17	4.17	4.17
20	HARDA	12	0	0	0	0

21	HOSHANGABAD	19	0	0
22	INDORE	22	0	0
23	JABALPUR	19	0	0
24	JHABUA	8	0	0
25	KATNI	9	0	0
26	KHANDWA	30	1	3.33
27	KHARGONE	21	0	0
28	MANDLA	26	0	0
29	MANDSAUR	22	0	0
30	MORENA	11	0	0
31	NARSINGPUR	14	0	0
32	NEEMUCH	20	1	5
33	PANNA	25	1	4
34	RAISEN	21	0	0
35	RAJGARH	14	0	0
36	RATLAM	23	0	0
37	REWA	26	0	0
38	SAGAR	35	3	8.57
39	SATNA	48	0	0
40	SEHORE	21	1	4.76
41	SEONI	39	0	0
42	SHAHDOL	25	0	0
43	SHAJAPUR	13	1	7.69
44	SHEOPUR	18	0	0
45	SHIVPURI	28	0	0
46	SIDHI	24	0	0
47	SINGRAULI	18	0	0
48	TIKAMGARH	19	2	10.53
49	UJJAIN	24	0	0
50	UMARIA	11	0	0
51	VIDISHA	26	0	0
MADHYA PRADESH		1064	20	1.88

Table 7.7.1 : District wise Range and distribution of Iron in shallow GW of MP during Pre-monsoon 2023

8.0 SUITABILITY OF GROUNDWATER FOR IRRIGATION PURPOSE

The chemical quality of water is an important factor to be considered in evaluating its usefulness for irrigation purposes. Plants grown by irrigation absorb and transpire water but leave nearly all the salts behind in the soil, where they accumulate and eventually prevent plant growth. Excessive concentrations of solute interfere with the osmotic process by which plant root membranes are able to assimilate water and nutrients. In areas where natural drainage is inadequate, the irrigation water infiltrating the root zone will cause water table to rise excessively. In addition to problems caused by excessive concentration of dissolved

solids, certain constituents in irrigation water are especially undesirable and some may be damaging even when present in small concentrations. Irrigation indices viz. Sodium Adsorption Ratio (SAR) and Residual Sodium Carbonate (RSC) have been evaluated to assess the suitability of ground water for irrigation purposes.

8.1 Alkali Hazard

In the irrigation water, it is characterized by absolute and relative concentrations of cations. If the sodium concentrations are high, the alkali hazard is high and if the calcium & magnesium levels are high, this hazard is low. The alkali soils are formed by the accumulation of exchangeable sodium and are characterized by poor tilt and low permeability. The U.S. Salinity laboratory has recommended the use of sodium adsorption ratio (SAR) as it is closely related to adsorption of sodium by the soil.

SAR is derived by the following equation:

$$SAR = \frac{Na^+}{\sqrt{\frac{Ca^{2+} + Mg^{2+}}{2}}}$$

The water with regard to SAR is classified into four categories

- **S₁ – Low Sodium Water (SAR <10)**

Such waters can be used on practically all kinds of soils without any risk or increase in exchangeable sodium.

- **S₂ – Medium Sodium Water (SAR 10-18)**

Such waters may produce an appreciable sodium hazard in fine textured soil having high cation exchange capacity under low leaching.

- **S₃ – High Sodium Water (SAR >18-26)**

Such waters indicate harmful concentrations of exchangeable sodium in most of the soil and would require special management, good drainage, high leaching and addition of organic matter to the soil. If such waters are used on gypsiferous soils the exchangeable sodium could not produce harmful effects.

- **S₄ – Very High Sodium Waters (SAR >26)**

Generally, such waters are unsatisfactory for irrigation purposes except at low or perhaps at medium salinity where the solution of calcium from the soil or addition of gypsum or other amendments makes the use of such waters feasible.

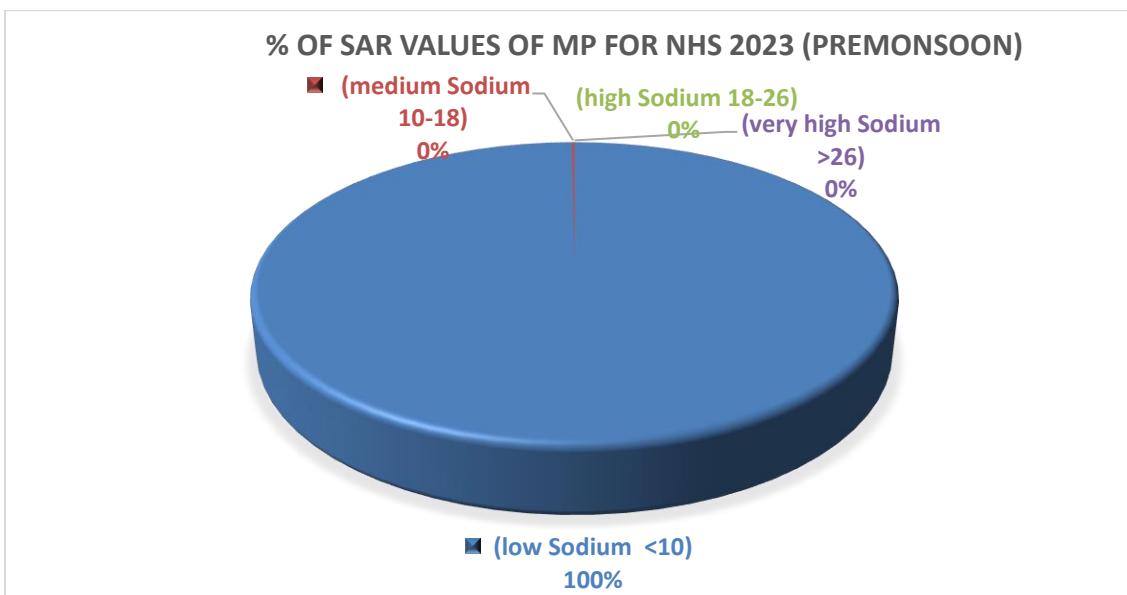


Figure 8.1.1: Percentage of groundwater samples (Pre-Monsoon 2023) according to SAR classifications (n=589).

The computed SAR values ranges from 0.1 to 11. It is apparent from Fig. 8.1 that 99.9% samples belong to excellent category (S_1) and only 0.1% water samples are associated with medium sodium category (S_2) and are good for irrigation. None of the samples in MP belong to S_3 or S_4 category.

Table 8.1.1: Summary of irrigation quality of the groundwater samples in various districts of MP based on SAR classifications.

S.No.	District	No.of samples in various SAR range			
		(low Sodium <10)	(medium Sodium 10-18)	(high Sodium 18-26)	(very high Sodium >26)
1	AGAR MALWA	8	0	0	0
2	ALIRAJPUR	4	0	0	0
3	ANUPPUR	16	0	0	0
4	ASHOK NAGAR	4	0	0	0
5	BALAGHAT	20	0	0	0
6	BARWANI	5	0	0	0
7	BETUL	12	0	0	0
8	BHIND	7	0	0	0
9	BHOPAL	5	0	0	0
10	BURHANPUR	8	0	0	0
11	CHHATARPUR	15	0	0	0
12	CHHINDWARA	21	0	0	0
13	DAMOH	15	0	0	0
14	DATIA	3	0	0	0
15	DEWAS	8	0	0	0
16	DHAR	13	0	0	0
17	DINDORI	12	0	0	0
18	GUNA	7	0	0	0
19	GWALIOR	20	0	0	0
20	HARDA	5	0	0	0
21	HOSHANGABAD	9	0	0	0
22	INDORE	8	0	0	0
23	JABALPUR	9	0	0	0
24	JHABUA	3	1	0	0
25	KATNI	9	0	0	0
26	KHANDWA	19	0	0	0
27	KHARGONE	11	0	0	0
28	MANDLA	21	0	0	0
29	MANDSAUR	18	0	0	0
30	MORENA	8	0	0	0
31	NARSINGHPUR	9	0	0	0
32	NEEMUCH	12	0	0	0
33	PANNA	15	0	0	0

34	RAISEN	2	0	0	0
35	RAJGARH	5	0	0	0
36	RATLAM	14	0	0	0
37	REWA	17	0	0	0
38	SAGAR	24	0	0	0
39	SATNA	9	0	0	0
40	SEHORE	9	0	0	0
41	SEONI	24	0	0	0
42	SHAHDOL	23	0	0	0
43	SHAJAPUR	7	0	0	0
44	SHEOPUR	14	0	0	0
45	SHIVPURI	9	0	0	0
46	SIDHI	18	0	0	0
47	SINGRAULI	11	0	0	0
48	TIKAMGARH	11	0	0	0
49	UJJAIN	15	0	0	0
50	UMARIA	10	0	0	0
51	VIDISHA	7	0	0	0
No. of samples		588	1	0	0

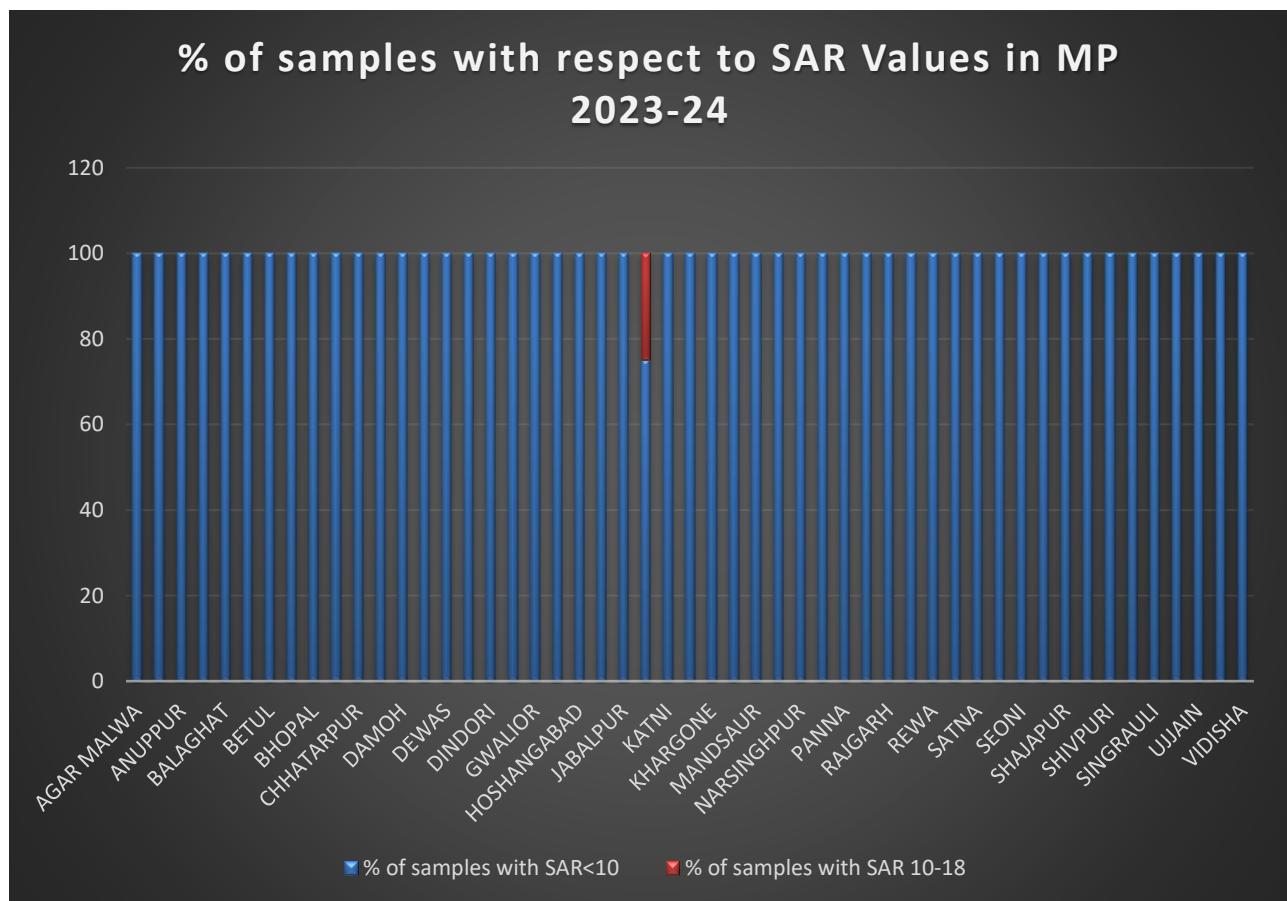


Figure 8.1.2: Percentage of samples with respect to SAR values in MP for NHS 2023 Pre-monsoon).

8. 2 Residual Sodium Carbonate (RSC)

If the enriched carbonate (residual) concentration becomes relatively high, carbonates get together with calcium and magnesium to form precipitates. The relative abundance of sodium in comparison to alkaline earths and the quantity of bicarbonate and carbonate in excess of alkaline earths also influences the suitability of water for irrigation. This excess is represented in terms of “Residual Sodium Carbonate” (RSC). The highly soluble sodium carbonate known as residual sodium carbonate (RSC) is defined as;

$$RSC = (HCO_3^- + CO_3^-) - (Ca^{2+} + Mg^{2+})$$

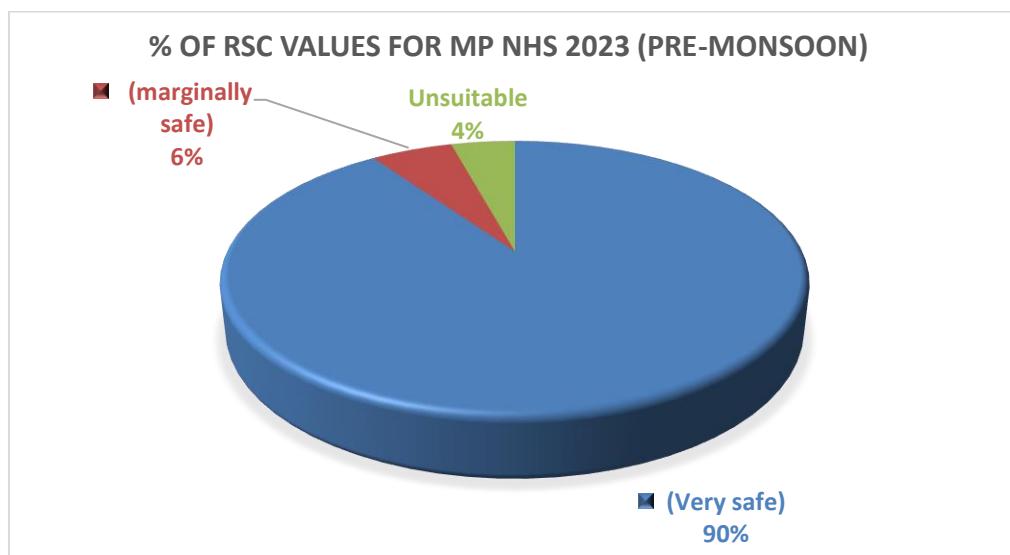


Figure 8.2.1: Percentage of groundwater samples in various categories according to RSC classifications in MP 2023-24 (n=589)

Waters with high RSC produces harmful effects on plant development and is not suitable for irrigation. Waters associated with $RSC < 1.25$ are of excellent irrigation quality and can be safely applied for irrigation for almost all crops without the risks associated with residual sodium carbonate (Wilcox et al., 1954). If the RSC values lie between 1.25 and 2.5, the water is of an acceptable quality for irrigation. Waters associated with RSC values higher than 2.5 are not acceptable for irrigation. In fig. it can be seen that in MP 90% collected water samples are associated with RSC values less than 1.25 and are safe for use in irrigation practices. Only 4% water samples are associated with RSC values more than 2.5 and are unsuitable for irrigation. The water with high RSC values if applied for irrigation causes soil to become infertile owing to deposition of sodium. Table 8.4 summarizes the irrigation quality of the groundwater samples in various districts based on RSC values.

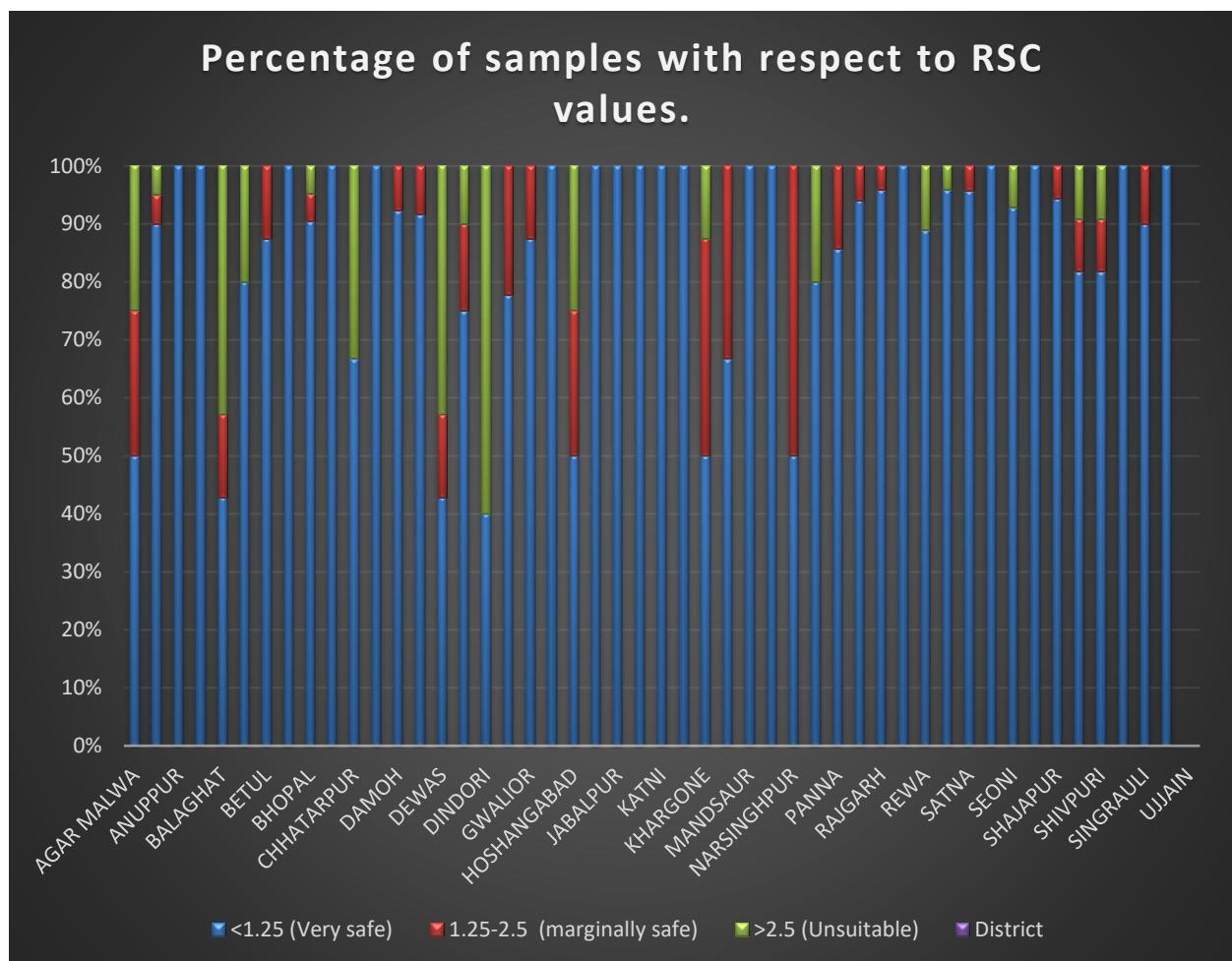


Figure 8.2.2: Percentage of samples with respect to RSC values.

According to RSC classification 100% of water samples in Anuppur, Barwani, Betul, Chhatarpur, Damoh, Dewas, Jabalpur, Katni, Khandwa, Khargone, Mandla, Mandsaur, Neemuch, Panna, Satna, Shajapur, Shivpuri, Ujjain and Vidisha fall in very safe category with RSC values less than 1.25.

Table 8.2.1: Summary of irrigation quality of the groundwater samples in various states based on RSC values.

S.No.	District	No. of samples in various RSC range		
		<1.25	1.25-2.5	>2.5
		(Very safe)	(marginally safe)	(Unsuitable)
1	AGAR MALWA	7	0	1
2	ALIRAJPUR	3	1	0
3	ANUPPUR	16	0	0
4	ASHOK NAGAR	2	1	1
5	BALAGHAT	18	1	1
6	BARWANI	5	0	0
7	BETUL	12	0	0
8	BHIND	3	1	3
9	BHOPAL	4	0	1

10	BURHANPUR	7	1	0
11	CHHATARPUR	15	0	0
12	CHHINDWARA	19	1	1
13	DAMOH	15	0	0
14	DATIA	2	0	1
15	DEWAS	8	0	0
16	DHAR	12	1	0
17	DINDORI	11	1	0
18	GUNA	3	1	3
19	GWALIOR	15	3	2
20	HARDA	2	0	3
21	HOSHANGABAD	7	2	0
22	INDORE	7	1	0
23	JABALPUR	9	0	0
24	JHABUA	2	1	1
25	KATNI	9	0	0
26	KHANDWA	19	0	0
27	KHARGONE	11	0	0
28	MANDLA	21	0	0
29	MANDSAUR	18	0	0
30	MORENA	4	3	1
31	NARSINGHPUR	6	3	0
32	NEEMUCH	12	0	0
33	PANNA	15	0	0
34	RAISEN	1	1	0
35	RAJGARH	4	0	1
36	RATLAM	12	2	0
37	REWA	16	1	0
38	SAGAR	23	1	0
39	SATNA	9	0	0
40	SEHORE	8	0	1
41	SEONI	23	0	1
42	SHAHDOL	22	1	0
43	SHAJAPUR	7	0	0
44	SHEOPUR	13	0	1
45	SHIVPURI	9	0	0
46	SIDHI	17	1	0
47	SINGRAULI	9	1	1
48	TIKAMGARH	9	1	1
49	UJJAIN	15	0	0
50	UMARIA	9	1	0
51	VIDISHA	7	0	0
	No. of samples	532	32	25

Table 8.2.2: Summary of various other Irrigation Water Quality parameters for the samples collected from MP during NHS 2023 (Pre-Monsoon).

Irrigation Quality Parameter	Range	Class/Category	Remarks	% of samples (Shallow Aquifers)
Salinity Hazard	0-250	C1	Can be used safely	1.36
	251-750	C2	Can be used with moderate leaching	38.20
	751-2250	C3	Can be used for irrigation with some management practices.	58.23
	2251-5000	C4	Can't be used for irrigation purpose	2.21
	>5000		Unsuitable	0.00
Sodicity Index	<10	S1 (Excellent)	Any type of crops grown and water used	99.83
	10 to 18	S2 (Good)	Drainage water used for sandy soil	0.17
	19 - 26	S3 (Doubtful/fair/poor)	Sensitive crops are not taken	0.00
	>26	S4 and S5 (Unsuitable)	This water is not used for crops.	0.00
Residual Sodium carbonate	<1.25	Good	Can be used safely	90.32
	1.25 - 2.50	Doubtful	Can be used with certain management	5.43
	>2.50	Unsuitable	Unsuitable for irrigation purposes	4.24
Soluble Sodium Percentage	< 60 per cent		good quality and suitable for irrigation	95.59
	> 60 per cent		poor quality water and unsuitable for irrigation	4.41
%Na	<20		Excellent	23.77
	20 - 40		Good	50.25
	41 - 60		Permissible	21.56
	61 - 80		Doubtful	4.24
	>80		Unsuitable	0.17
Permeability Index	>75%		Excellent	0.34
	25% - 75%		Good	67.40

	<25%		Unsuitable	32.26
Kelly Index	<1		Suitable	79.46
	>1		Unsuitable	20.54
Magnesium Hazard	<50		suitable and not harmful	79.80
	>50		harmful /unsuitable for irrigation	20.20

8.3 Wilcox diagram

EC and sodium concentration are very important in classifying irrigation water. The Wilcox diagram (Wilcox 1948) relating EC and %Na shows (fig. 9.0) that all the samples are plotted in excellent to good and good to permissible categories in most of the water samples indicating their suitability for irrigation. Most of the samples associated with doubtful to unsuitable zone for irrigation belong to Indore, Gwalior, Chambal divisions of MP. Wilcox diagram of divisions of MP is presented as Fig. 8.3.1 to 8.3.11.

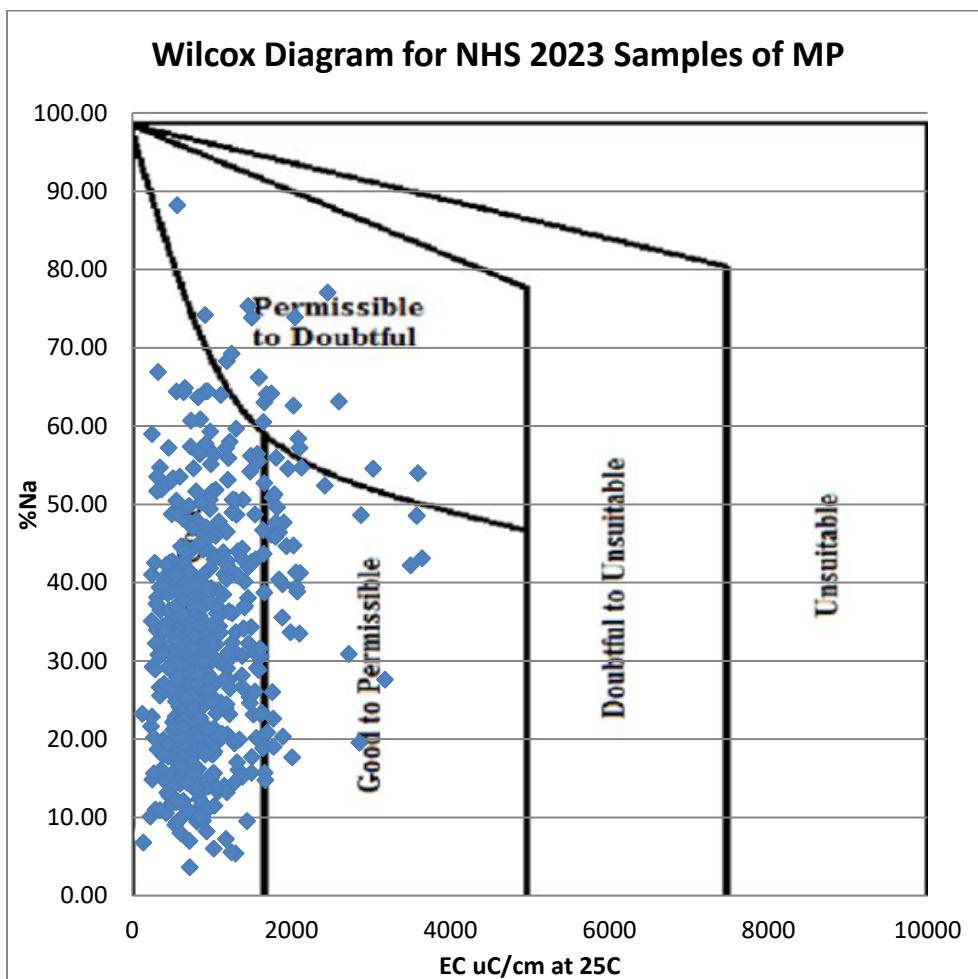


Fig.8.3.1 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples of MP.

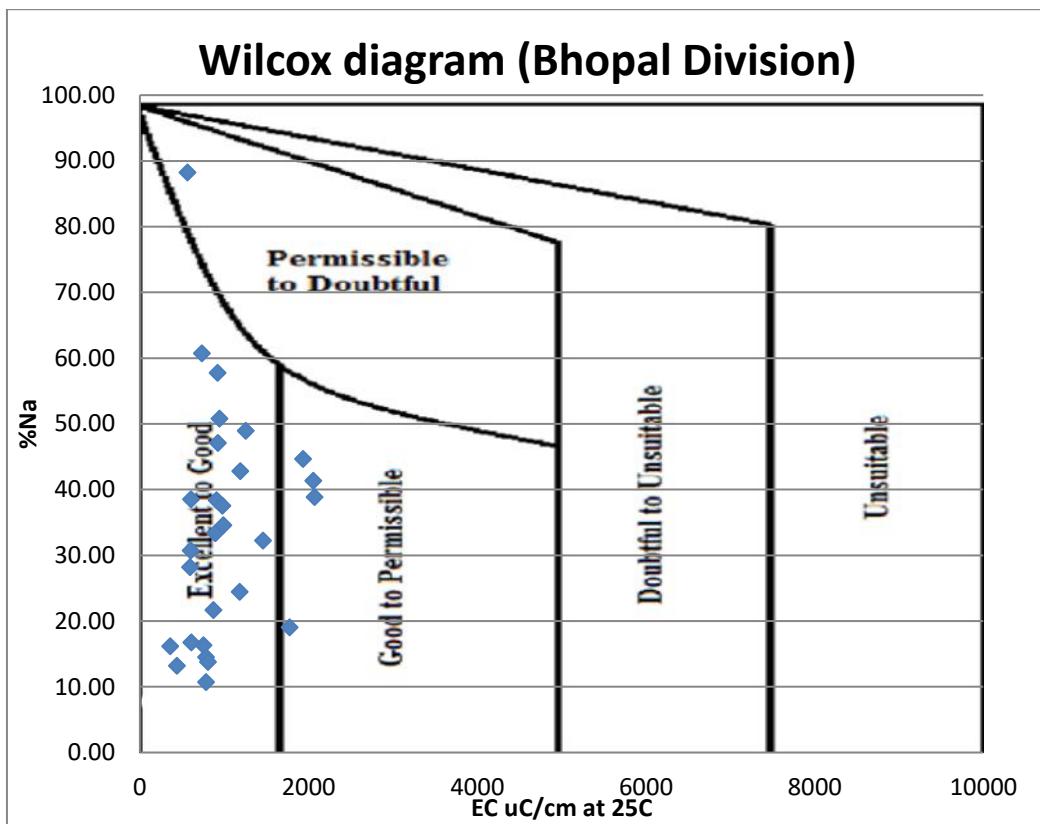


Fig.8.3.2 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Bhopal Division.

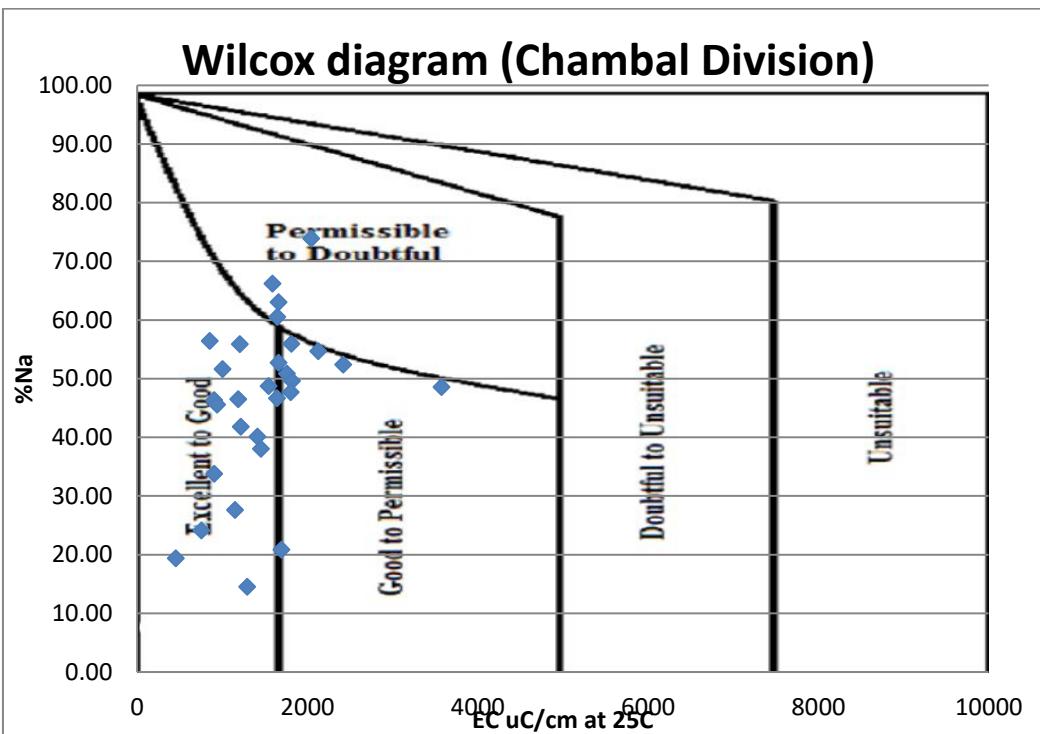


Fig.8.3.3 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Chambal Division.

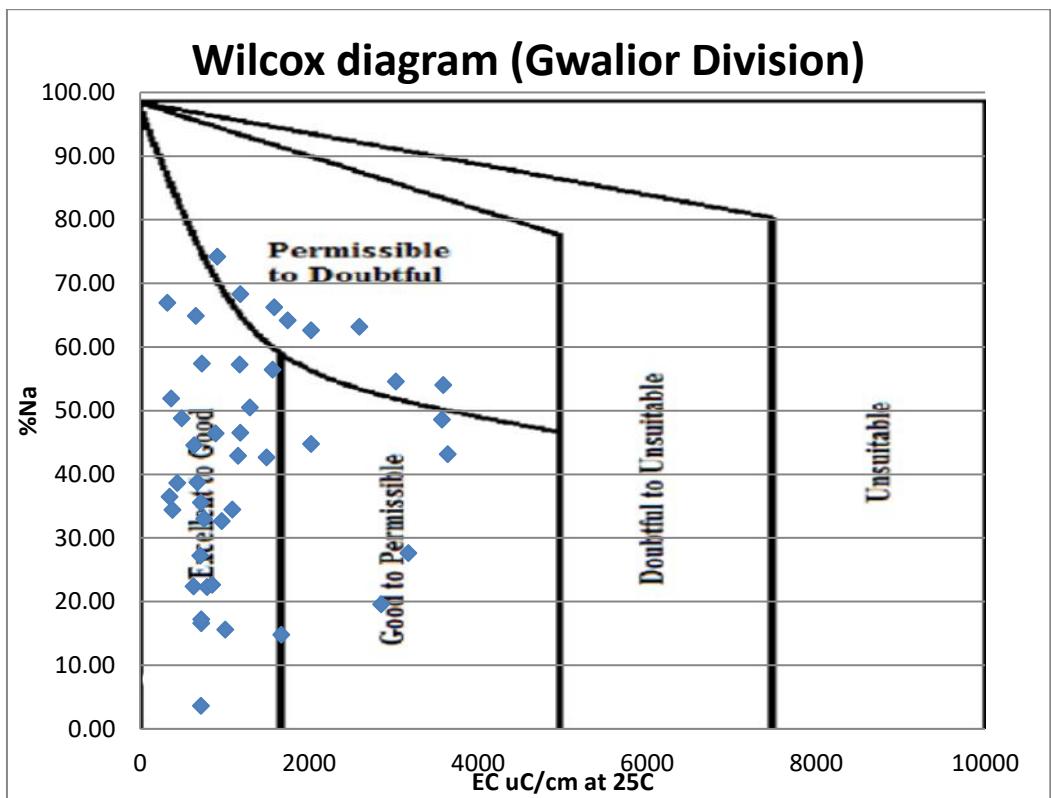


Fig.8.3.4 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Gwalior Division.

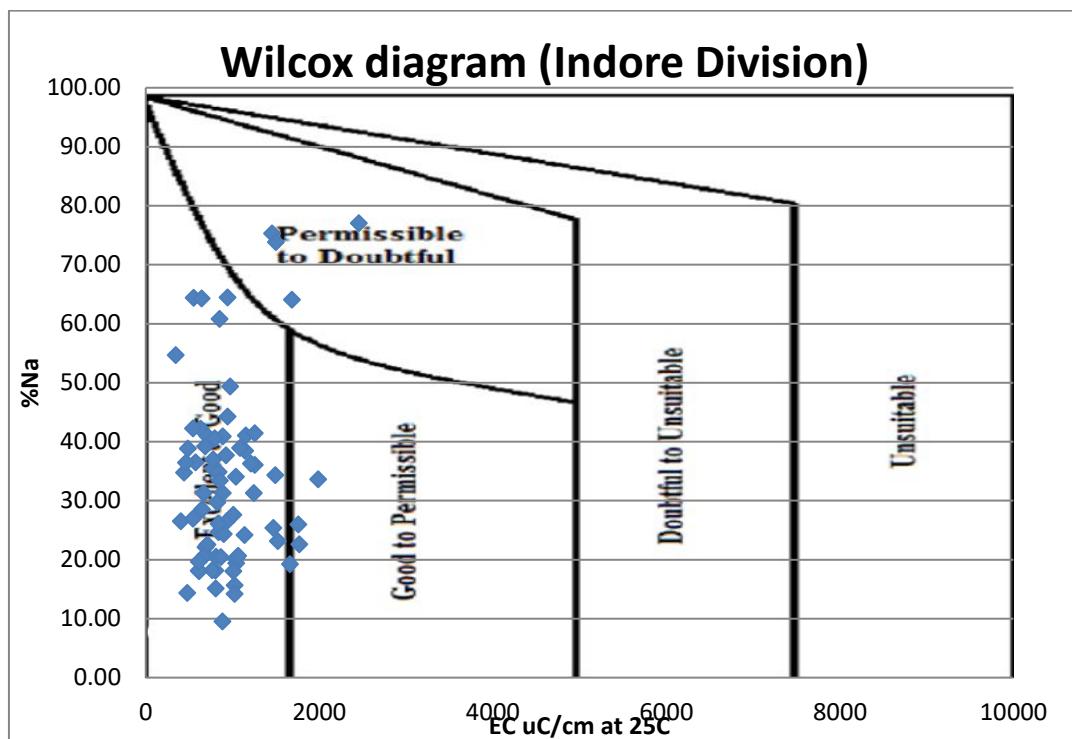


Fig.8.3.5 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Indore Division.

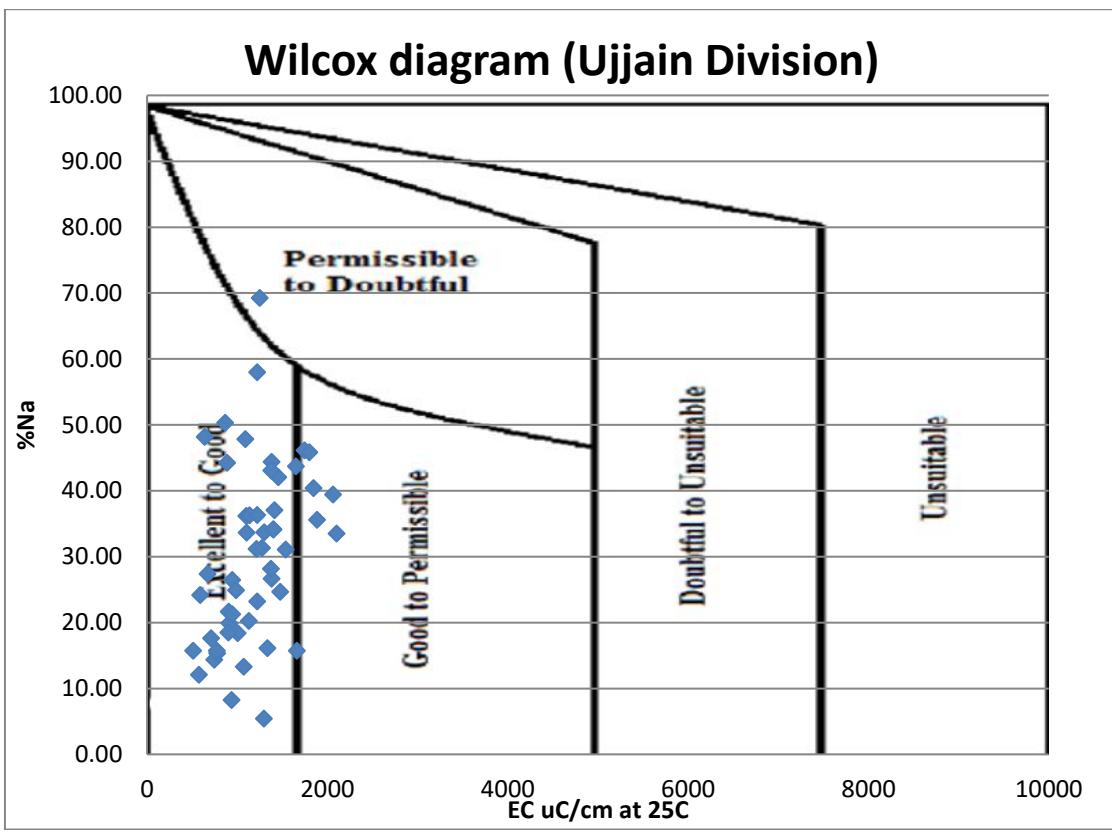


Fig.8.3.6 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Ujjain Division.

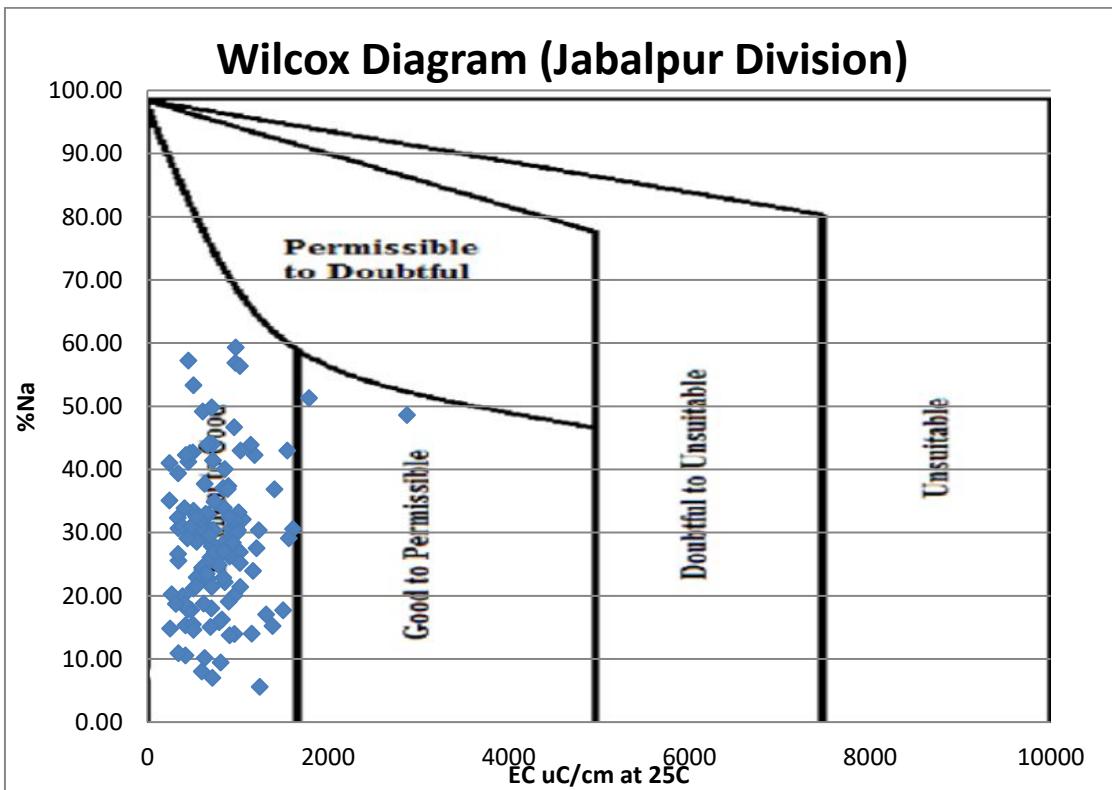


Fig.8.3.7 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Jabalpur division.

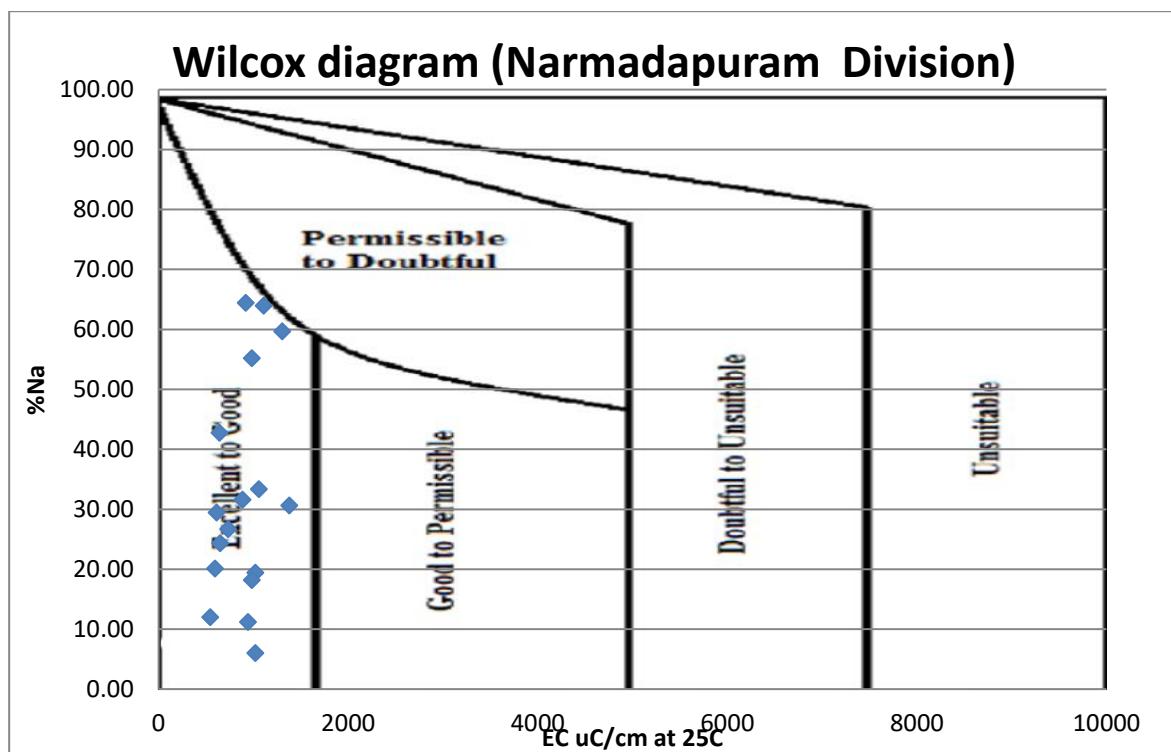


Fig.8.3.8 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Narmadapuram division.

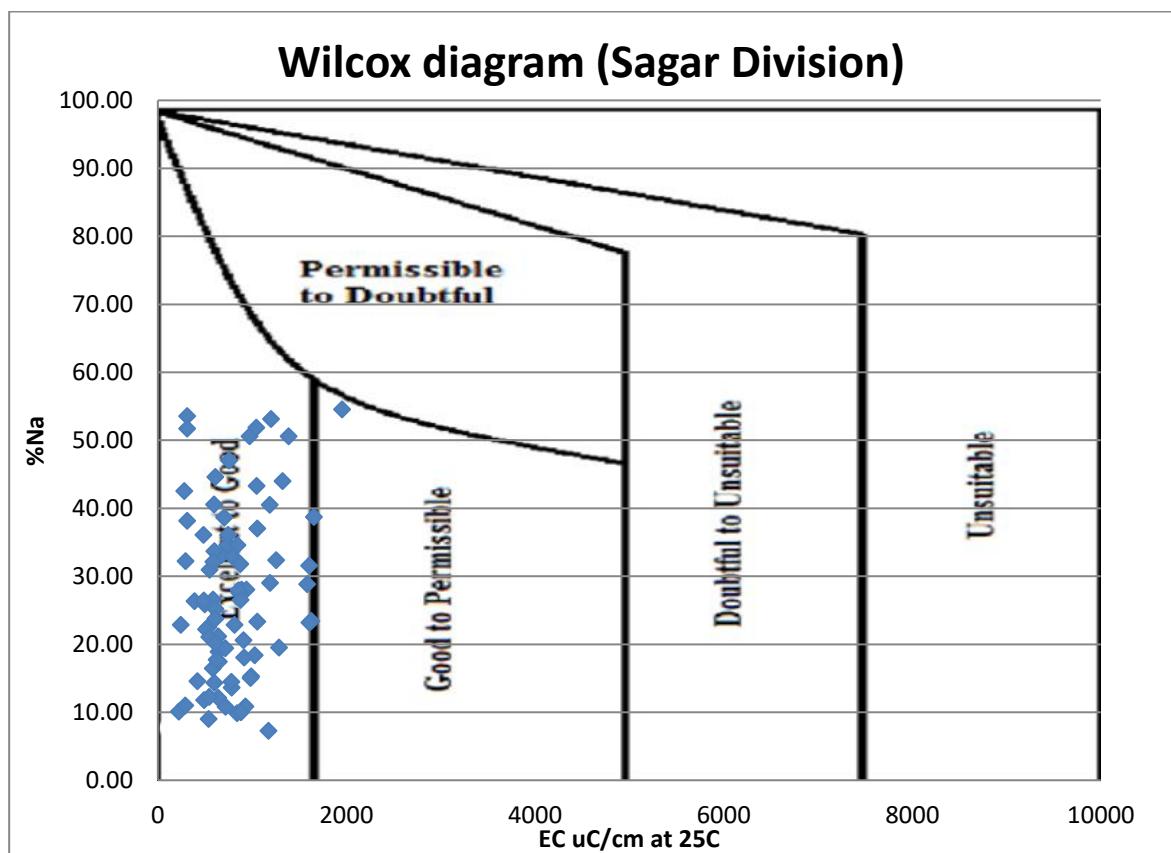


Fig.8.3.9: Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Sagar division.

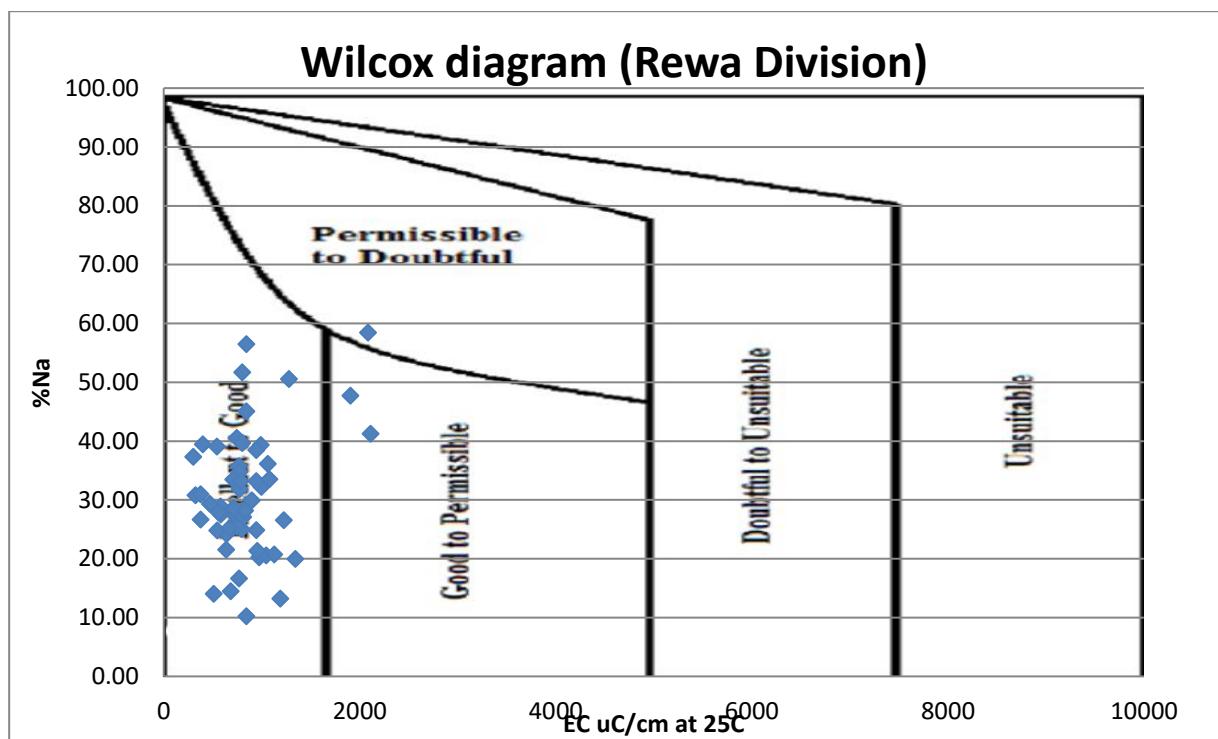


Fig.8.3.10 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Rewa division.

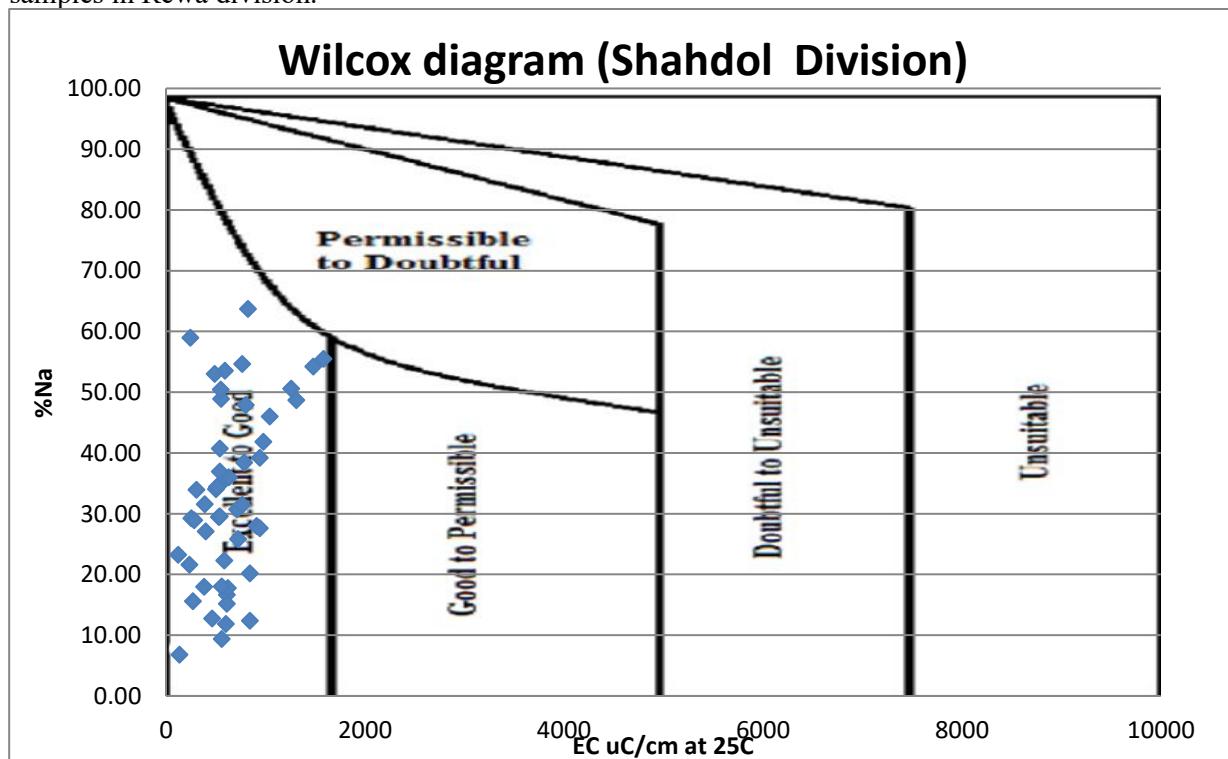


Fig.8.3.11 : Plots of sodium percent verses electrical conductivity (after Wilcox 1955) in groundwater samples in Shahdol division.

The above Wilcox Diagrams for various divisions of MP clearly indicate that the groundwater Quality is “Excellent to Good” for Irrigation point of view in almost all of the districts in Rewa and Shahdol division and in rest of the divisions, the majority of districts have Excellent to Good water while some parts have “Permissible to Doubtful” type of Water for Irrigation use.

9 HYDROCHEMICAL FACES

9.1 Piper Diagram:

Piper diagram (Piper 1944) describes the process responsible for the evolution of hydrogeochemical parameter in groundwater. Based on the major cation and major anion content in the water samples and plotting them in the trilinear diagram, hydrochemical facies could be identified. Hydro-chemical facies are very useful in investigating diagnostic chemical character of water in hydrologic systems. Different types of facies within the same group formations are due to characteristic ground water flow through the aquifer system and effect of local recharge. The types of facies are inter-linked with the geology of the area and distribution of facies with the hydrogeological controls. Hydrochemical facies are delineated by plotting percentage reacting value of major ions on tri-linear diagrams know as Piper Diagram.

In MP, cation chemistry is dominated by calcium followed by sodium and Potassium. In anion side bicarbonate is dominating anion followed by chloride and sulphate.

The facies mapping shows (Fig.9.1) that Ca-HCO₃ is the dominant hydrogeochemical facies followed by mixed chemical character of hydrogeochemical facies.

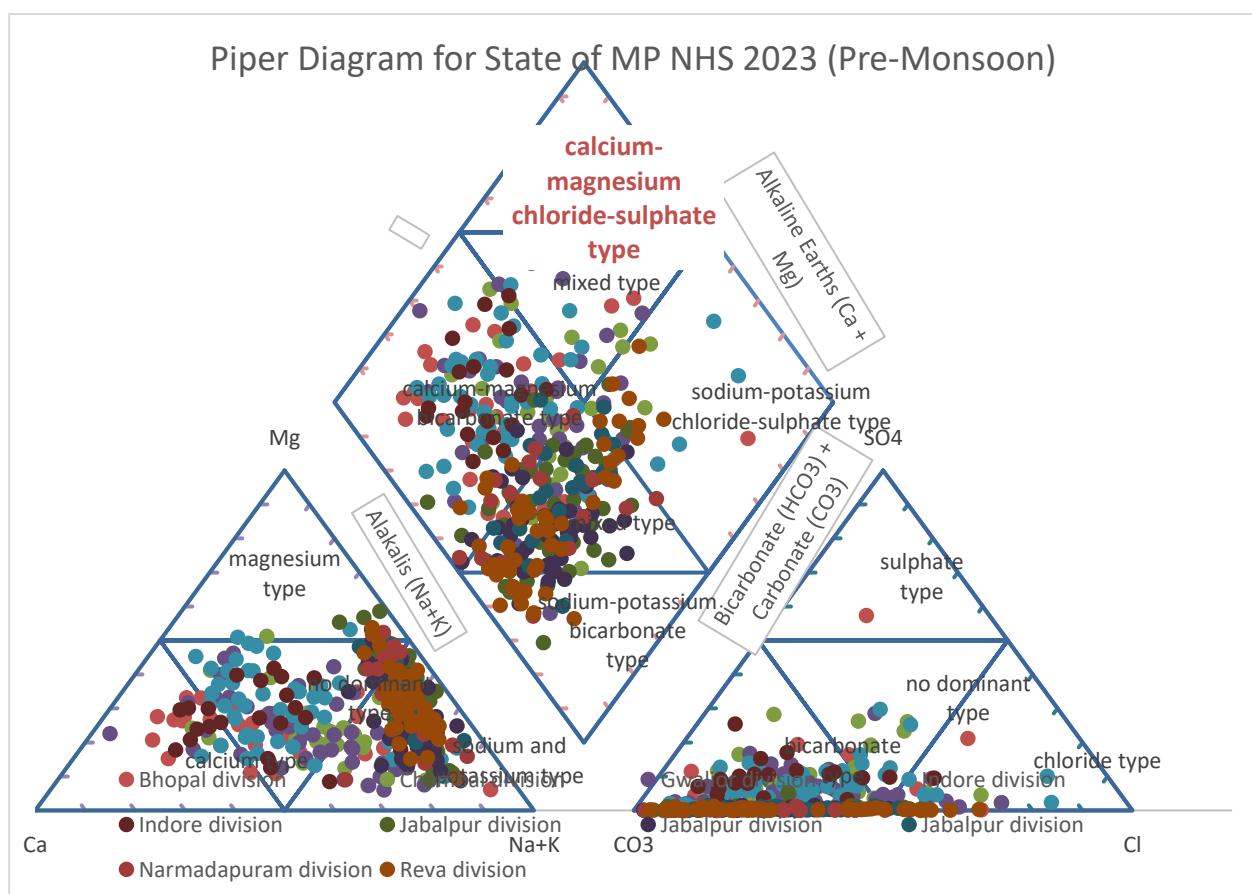


Fig- 9.1.1 Piper diagram of groundwater of MP.

The Piper Plot showing hydrochemical species in various divisions of MP are displayed in Fig.9.1.2 to 9.1.11.

Piper Diagram for NHS 2023 Samples of Bhopal Division

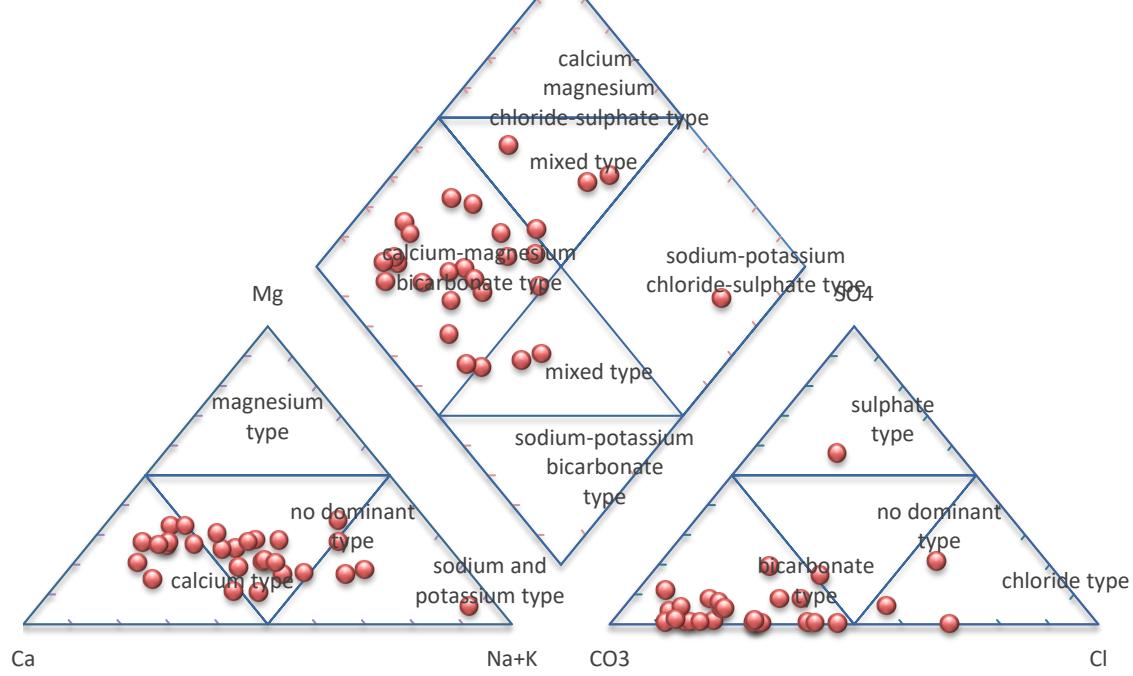


Fig 9.1.2 Piper diagram of groundwater of Bhopal Division.

The Piper Diagram for NHS 2023 Samples belonging to Bhopal Division comprising of Districts of Bhopal, Raisen, Rajgarh, Sehore and Vidisha suggests that the majority of Samples belong to Sodium Bicarbonate type of water and very few samples belong to Mixed type of water.

Piper Diagram for NHS 2023 Samples of Chambal Division

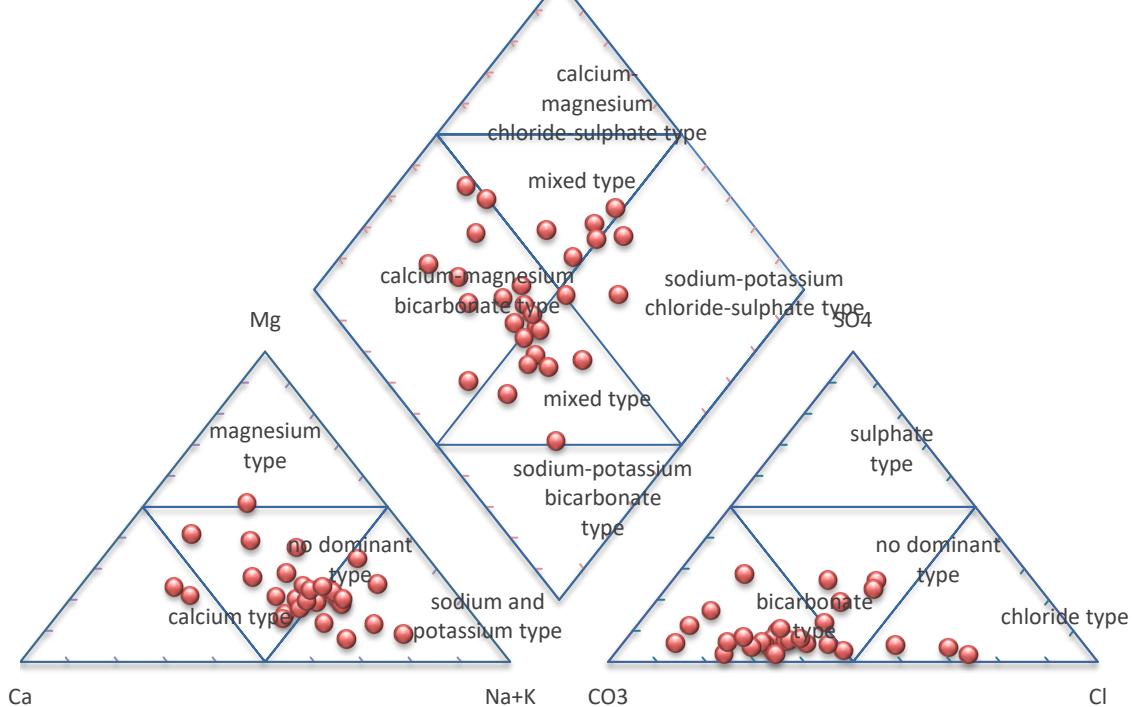
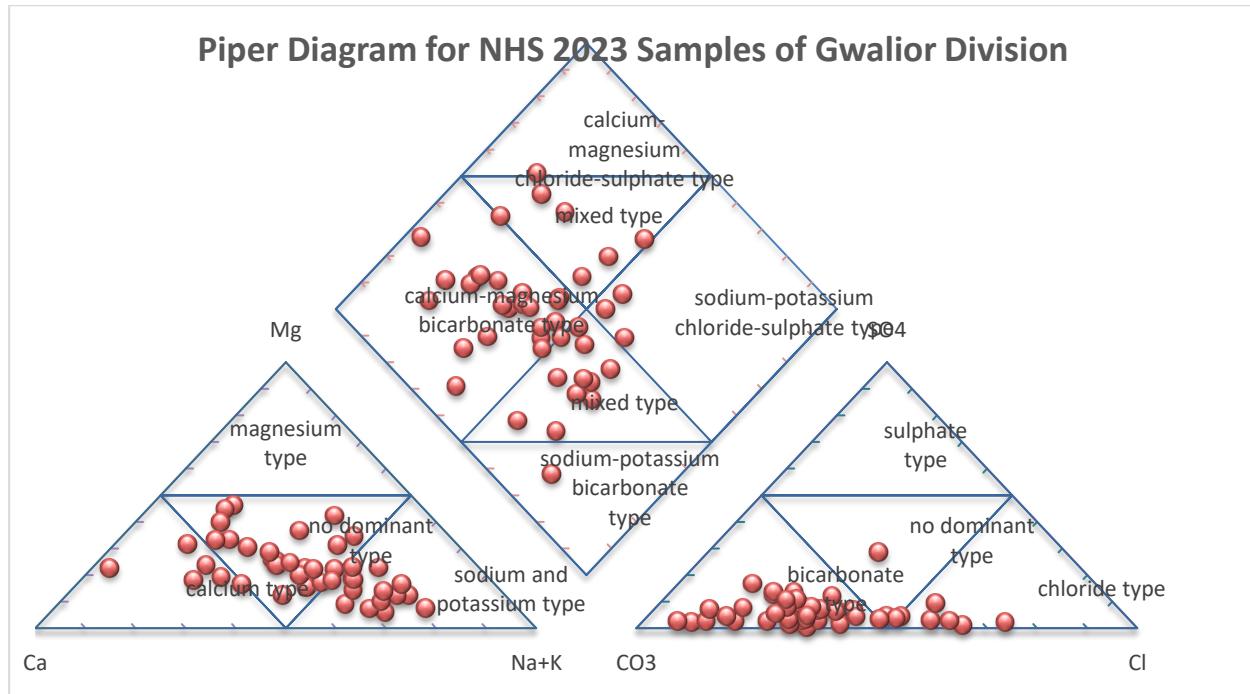


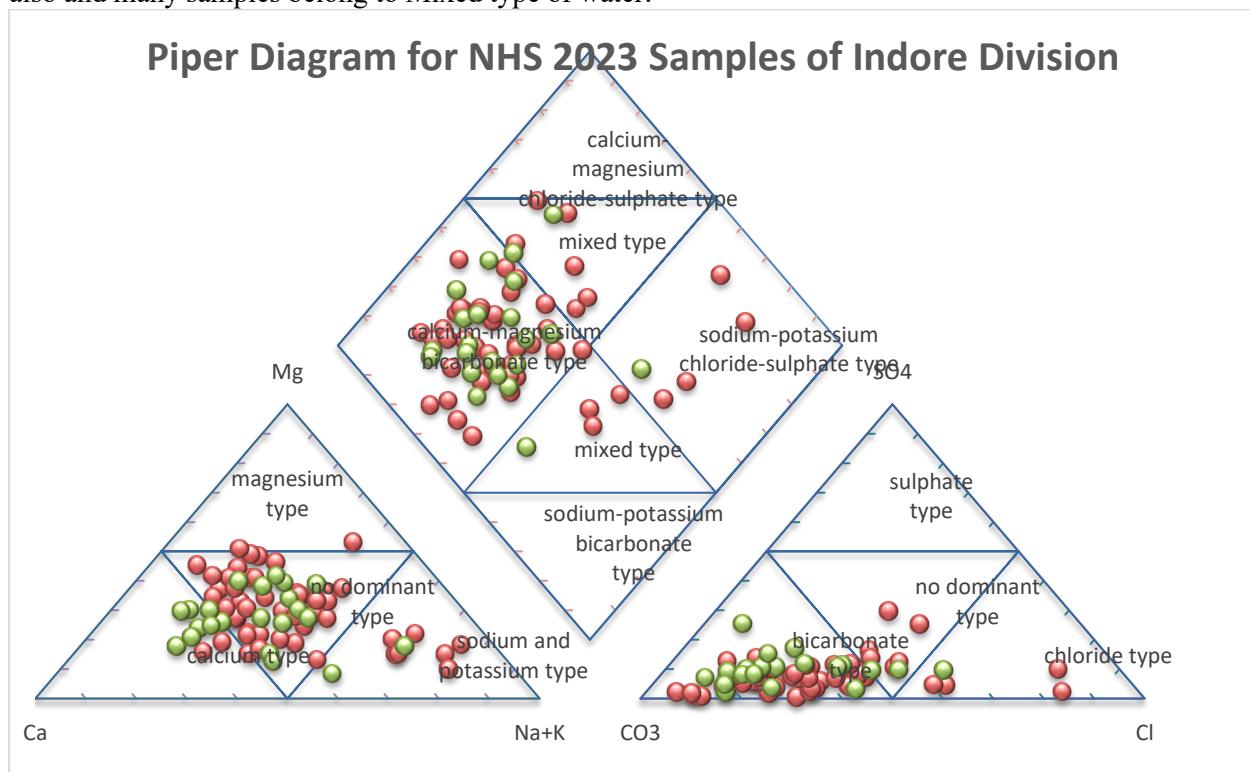
Fig- 9.1.3 Piper diagram of groundwater of Chambal division

The Piper Diagram for NHS 2023 Samples belonging to Chambal Division comprising of Districts of Bhind, Morena and Sheopur suggests that the majority of Samples belong to Calcium Bicarbonate type of water and some of the samples belong to Mixed type of water and Sodium Chloride type of water as well.



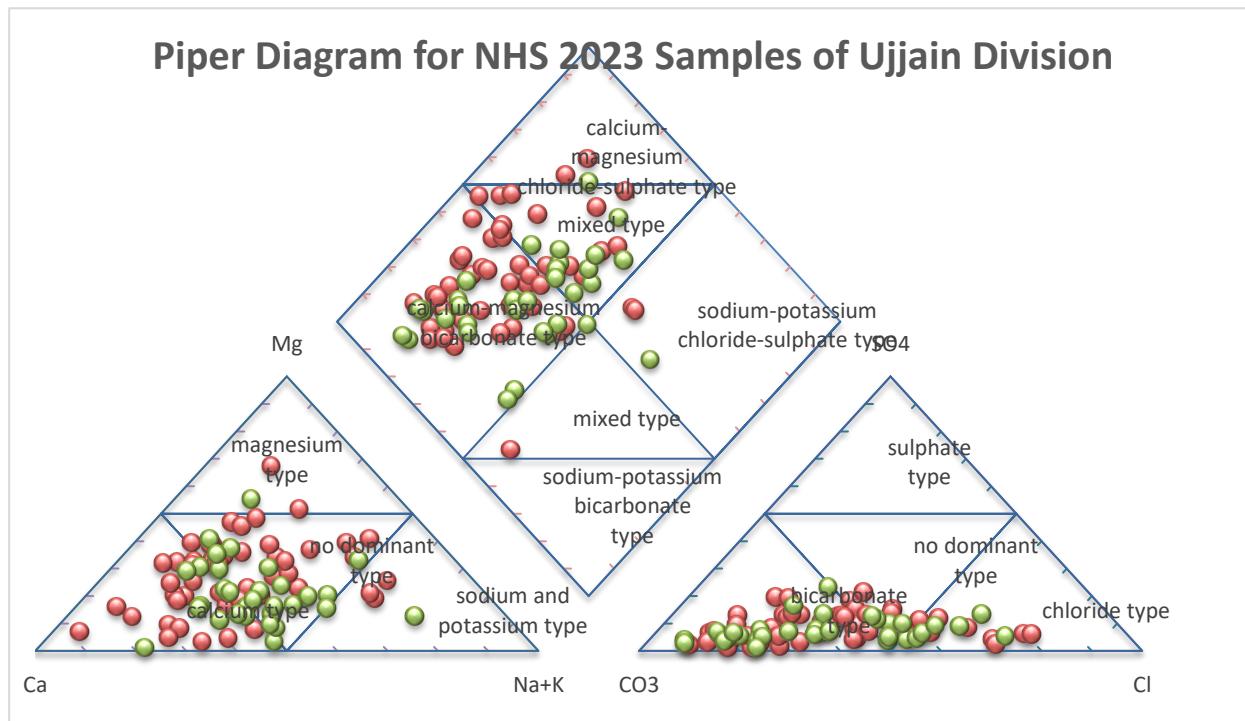
9.1.4 Piper diagram of groundwater of Gwalior Division.

The Piper Diagram for NHS 2023 Samples belonging to Gwalior Division comprising of Districts of Ashok Nagar, Datia, Guna, Gwalior and Shivpuri suggests that the majority of Samples belong to Calcium Bicarbonate type of water while there are few samples belonging to Calcium chloride and Sodium Chloride also and many samples belong to Mixed type of water.



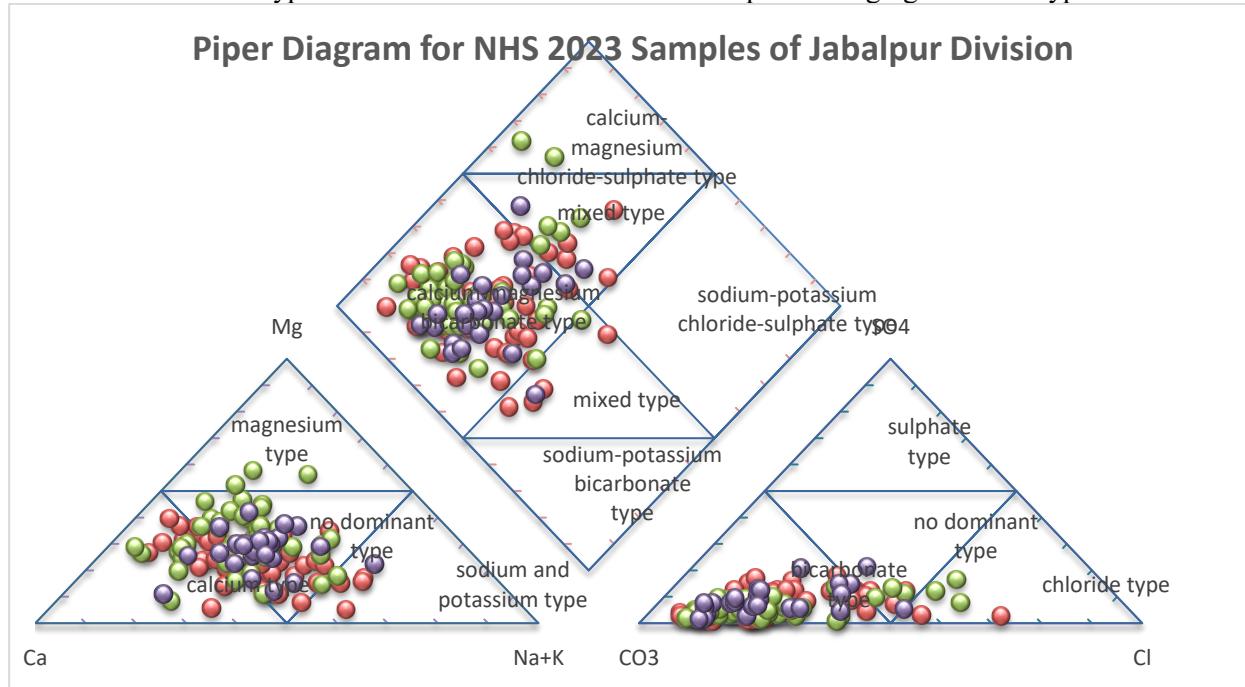
9.1.5 Piper diagram of groundwater of Indore division.

The Piper Diagram for NHS 2023 Samples belonging to Indore Division comprising of Districts of Alirajpur, Barwani, Burhanpur, Dhar, Indore, Jhabua, Khandwa and Kharone suggests that the majority of Samples belong to Calcium Bicarbonate type of water while there are few samples belonging to Calcium chloride and Sodium Chloride also and many samples belong to Mixed type of water.



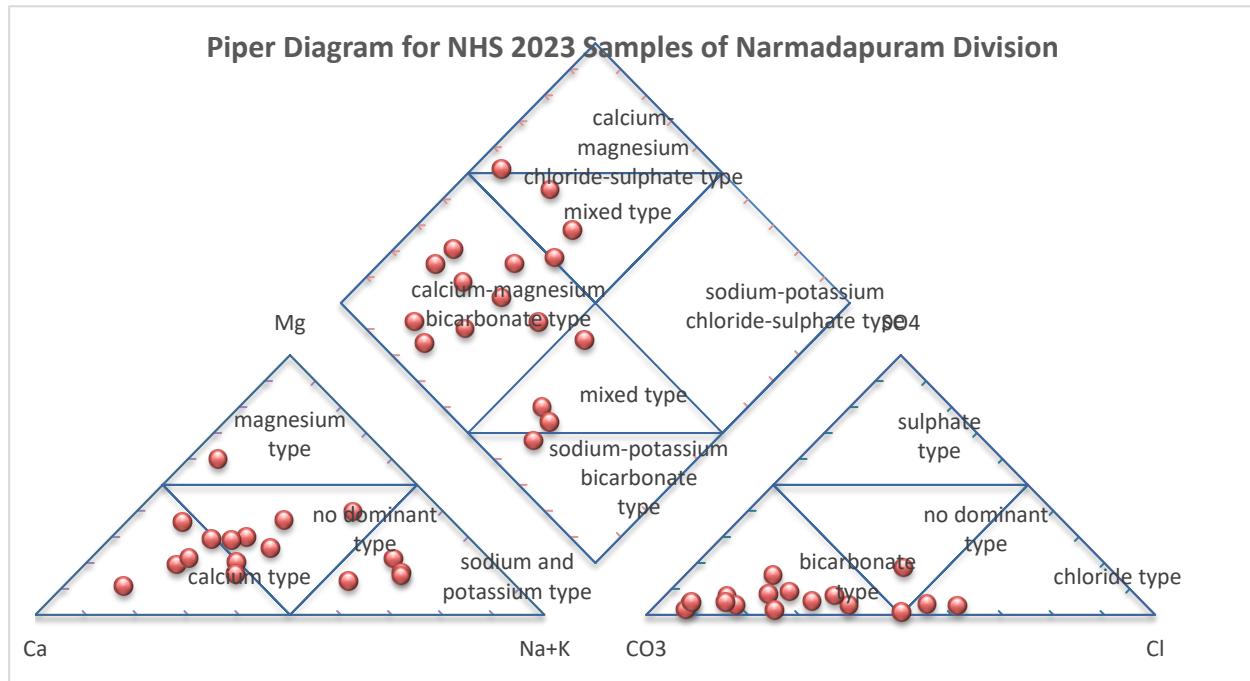
9.1.6 Piper diagram of groundwater of Ujjain Division.

The Piper Diagram for NHS 2023 Samples belonging to Ujjain Division comprising of Districts of Agar Malwa, Dewas, Mandsaur, Neemuch, Ratlam and Ujjain suggests that the majority of Samples belong to Calcium Bicarbonate type of water while there are a lot of samples belonging to Mixed type of water.



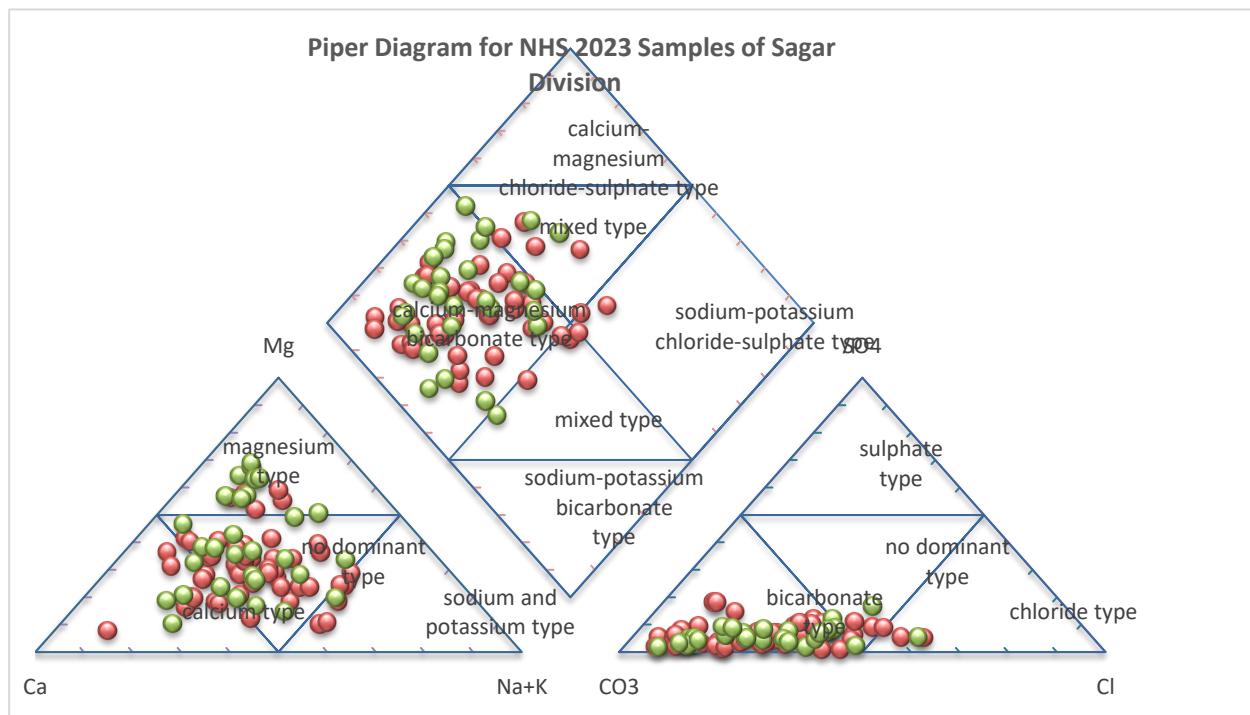
9.1.7 Piper diagram of groundwater of Jabalpur Division.

The Piper Diagram for NHS 2023 Samples belonging to Jabalpur Division comprising of Districts of Balaghat, Chhindwara, Dindori, Jabalpur, Katni, Mandla, Narsinhapur and Seoni suggests that the many of Samples belong to Calcium Bicarbonate type of water while there are a lot of samples belonging to Mixed type of water.



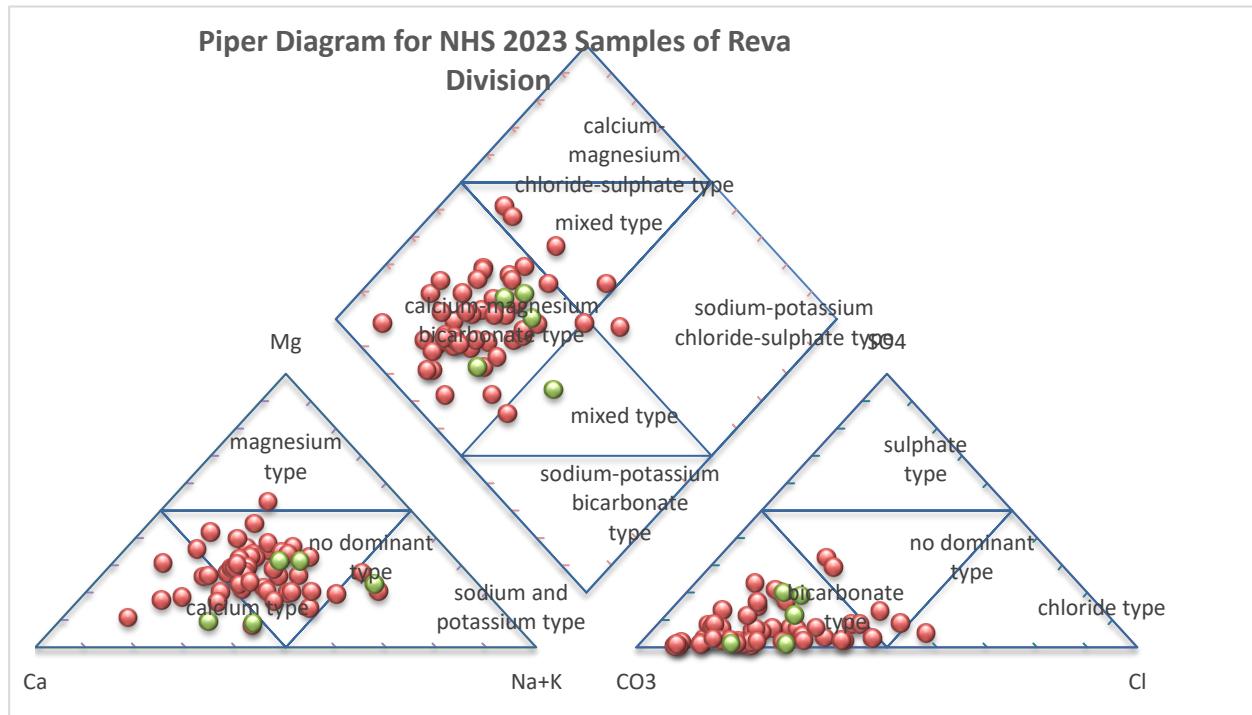
9.1.8 Piper diagram of groundwater of Narmadapuram Division.

The Piper Diagram for NHS 2023 Samples belonging to Narmadapuram Division comprising of Districts of Betul and Harda suggests that the majority of Samples belong to Calcium Bicarbonate type of water while there are few samples belonging to Mixed type of water.



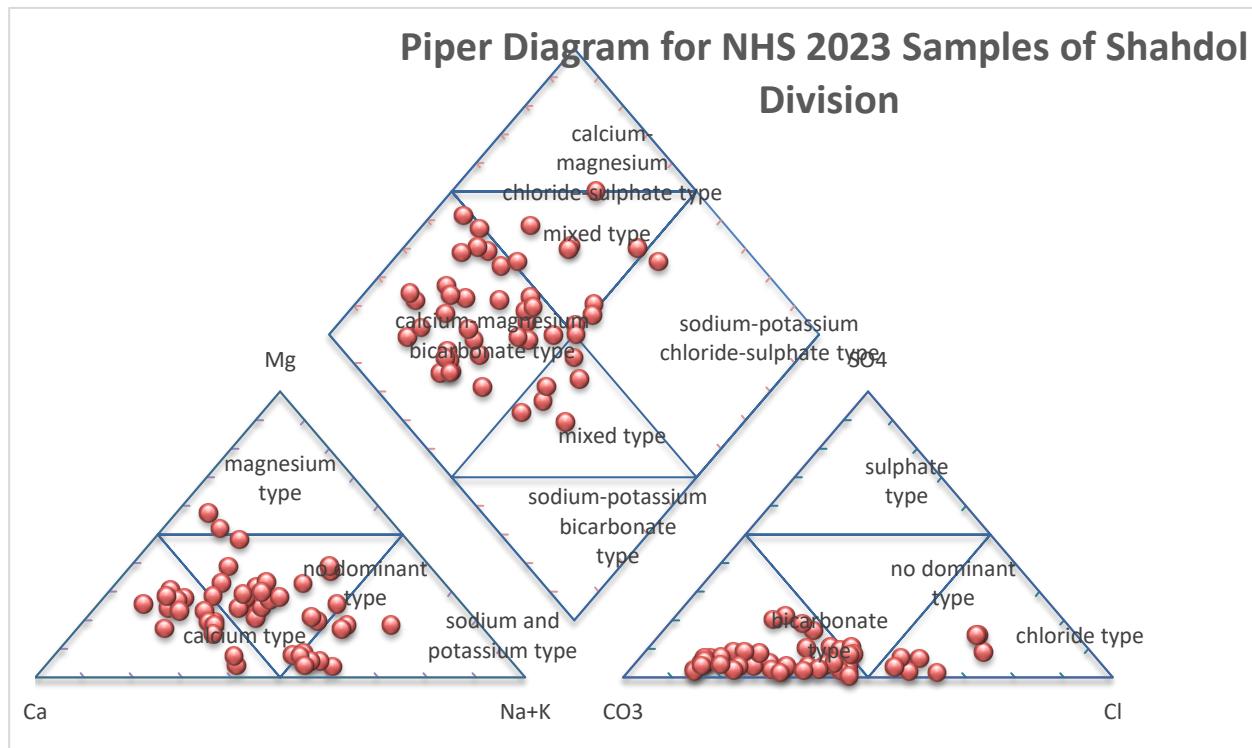
9.1.9 Piper diagram of groundwater of Sagar Division.

The Piper Diagram for NHS 2023 Samples belonging to Sagar Division comprising of Districts of Chhatarpur, Damoh, Panna, Sagar and Tikamgarh suggests that the majority of Samples belong to Calcium Bicarbonate type of water while there are few samples belonging to Mixed type of water.



9.1.10 Piper diagram of groundwater of Reva Division.

The Piper Diagram for NHS 2023 Samples belonging to Reva Division comprising of Districts of Rewa, Satna, Sidhi and Singrauli suggests that the majority of Samples belong to Calcium Bicarbonate type of water.

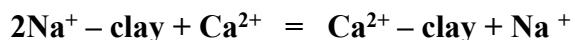


9.1.11 Piper diagram of groundwater of Shahdol Division.

The Piper Diagram for NHS 2023 Samples belonging to Shahdol Division comprising of Districts of Annupur, Shahdol and Umaria suggests that the majority of Samples belong to Calcium Bicarbonate type of water and very few belong to mixed type of water.

9.2 X-Y Plot:

If halite dissolution is responsible for the sodium, the Na^+/Cl^- ratio is approximately one, whereas a ratio greater than one, it is typically interpreted as Na^+ released from Silicate weathering reaction. In the water samples of the shallow aquifers of India, 28% of the samples fall along the equilibrium in the Na^+/Cl^- plot, indicating common source of halite for both the ions (Fig.9.2). In the water samples of the shallow aquifers of MP, About Half of the samples have molar ratio greater than one indicating ion exchange is the major process. It is where Na montmorillonite clay reacts with calcium and magnesium and releases sodium (sometimes called natural softening).



The observed $\text{Na}^+/\text{Cl}^- < 1$, may be attributed to groundwater interaction with connate seawater in coastal areas and Cl^- enrichment from anthropogenic sources such as irrigation return flows or domestic waste disposal in another areas. Bivariant plot of Bhopal and Gwalior divisions of MP is shown in Fig.9.2.2 & 9.2.3.

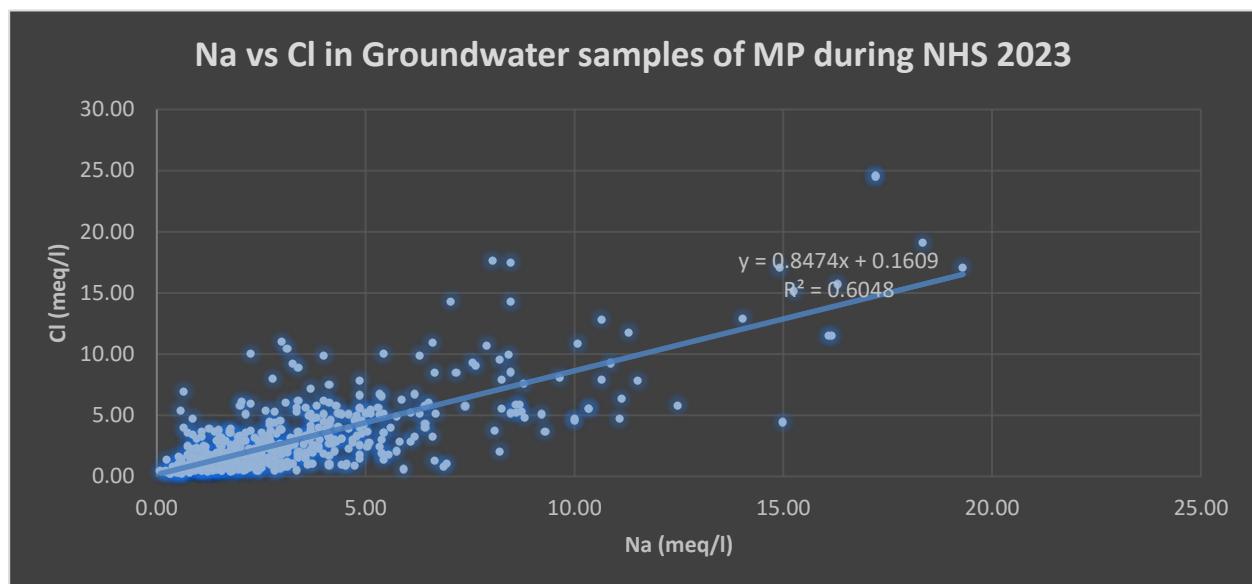


Fig. 9.2.1: The plot for Na versus Cl in groundwater samples of MP

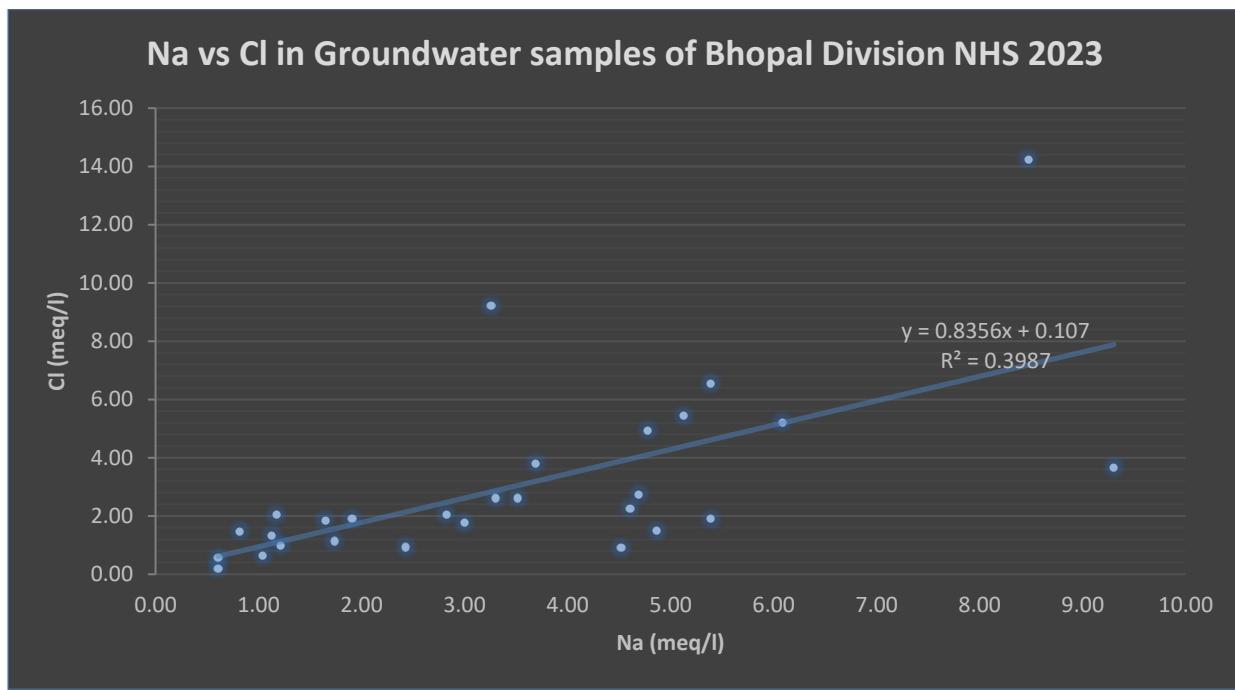


Fig.9.2.2: The plot for Na versus Cl in groundwater samples of Bhopal Division

In Bhopal Division sodium and chloride enriched in groundwater by ion exchange and silicate weathering and Reverse Ion Exchange processes mainly.

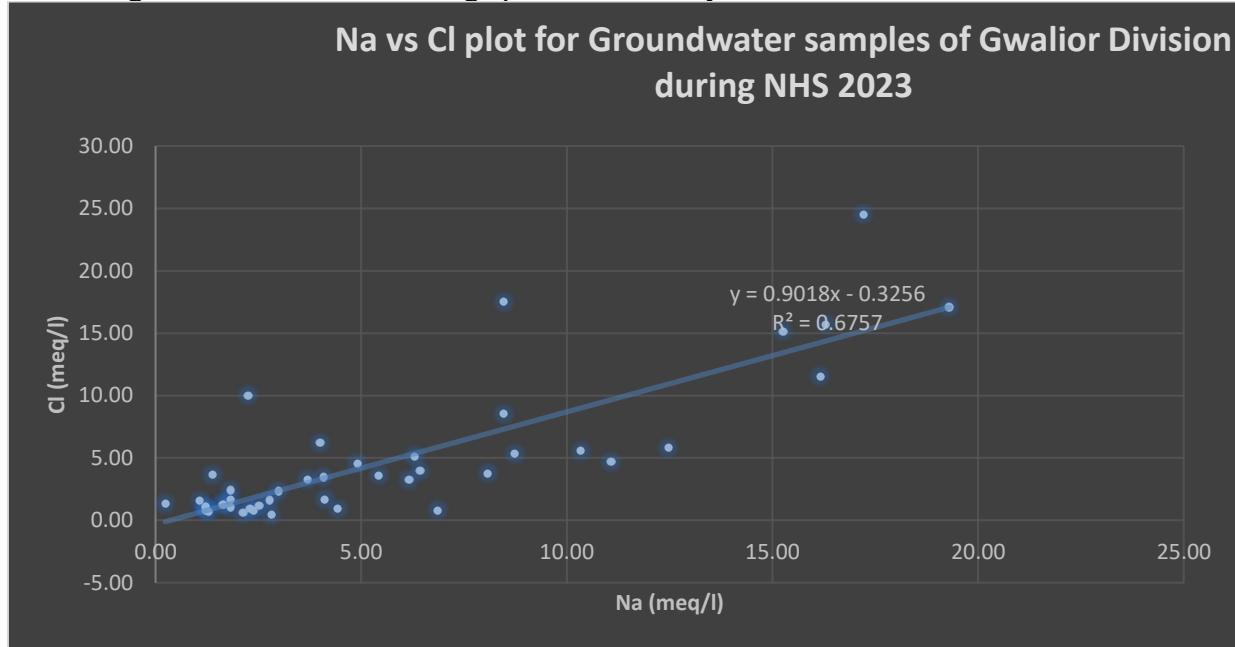


Fig. 9.2.3: The plot for Na versus Cl in groundwater samples of Gwalior Division.

In Gwalior Division ion exchange is main mechanism for sodium and chloride enrichment in groundwater.

10. CONCLUSION

The evaluation of the ground water quality of the state of MP for determining Hydrochemical Characteristics , major Contaminants with respect to standards prescribed by BIS (2012) for Basic and Trace Metals reveals that:

- **pH** of most of the waters belonging to MP fall within the desirable range of 6.6 to 8.29 during NHS 2022 and about none of the samples showed higher pH.
- High **EC** Values $> 3000 \mu\text{S}/\text{cm}$ have been found in 5 number of samples out of 589 total number of samples of Pre-Monsoon 2023 (1.19%) analyzed indicating saline nature of water in those parts of the state.
- It is observed that the percentage of samples exceed the permissible limit of EC i.e. $3000 \mu\text{S}/\text{cm}$ were ranging between 0-1 % and a decreasing trend was noticed from 2017 to 2023.
- High **Chloride** $> 1000\text{mg/l}$ has not been found in any location throughout the state.
- High **Fluoride** $> 1.5\text{mg/l}$, which is mainly attributed due to geogenic conditions, have been observed in 6 water samples out of 589 water samples analyzed (1.31%) during pre-Monsoon and in 3 samples out of 531 samples analyzed during post-monsoon 2023. Highest Fluoride concentration (2.46 mg/l) was observed in the sample collected from Bilhari New, Katni district .
- A decreasing trend is noticed for samples exceeding fluoride from 2017 to 2023.
- High **Nitrate** $> 45\text{mg/l}$ have been found in 133 locations out of 589 total number of samples (22.6%) and 120 samples out of 531 samples (22.6%) analyzed during post-monsoon 2023 indicating high nitrate pollution due to use of nitrogen containing fertilizer, domestic and agriculture waste and anthropogenic activities. The highest being reported at Kusreshwar, Neemuch district with NO_3 concentration 347 mg/l during Pre-Monsoon 2023.
- A decreasing trend is noticed for samples exceeding Nitrate concentration from 2017 to 2023.
- **Uranium** was found to be within the permissible limit of 30 ppb in all the samples collected from Groundwater monitoring network stations except at 5 locations. Maximum Uranium was found at Makoda, Gwalior (163.2 mg/l).
- A decreasing trend is noticed for samples exceeding Uranium concentration from 2020 to 2023
- **Arsenic** Contamination was not reported in any of the samples collected during NHS 2023-24.
- **Iron** contamination was reported in 20 locations out of 1064 samples analysed during Pre-Monsoon 2023-24. Highest Fluoride was found at Naktapur , Sagar district (2.58 mg/l) .
- It is found that most of the samples (58.23%) collected during NHS 2023-24 are categorized under Medium salinity classes. (**Salinity Index**) with EC ranging from 751-2250 $\mu\text{S}/\text{cm}$ which implies that they Can be used for irrigation with some management practices.
- The SAR value of most of the samples (99.83%) were found to S1 and are classified as Excellent for irrigation as per **Sodicity Index**. Which implies that any type of crops can be grown.
- The classification of groundwater samples with respect to **%Na** shows that majority samples (50.25%) fall under Good category and were found to be suitable for irrigation.
- As per Todd's classification of **SSP**, 95.59 % samples suitable for irrigation with $\text{SSP} < 60$.
- Based on the **RSC** values, 90.32% samples reflected to Good Category and were suitable for irrigation.
- The soil permeability is affected by long-term use of irrigation water and According to **permeability Index**, 67.4 % of the samples fall under class 2 corresponding to Good (PI ranged from 25% to 75%) in the NHS 2023-24
- The A **Kelly's index** of less than 1 in 79.46 % samples shows suitability for Irrigation.
- The **magnesium hazard (MH)** parameter indicates that 79.8 % samples are suitable for irrigation and not harmful.

Thus from the analytical results it has been observed that majority of water samples collected from observation wells of Central Ground Water Board, NCR, Bhopal in a major part of the state fall under desirable or permissible category as far as basic parameters and Trace concentration is concerned and hence are suitable for drinking/ Domestic and agriculture purposes. However, some well waters are found to have concentrations of some constituents beyond the permissible limits with respect to basic parameters and heavy metals. Such waters are not fit for human consumption and are likely to be harmful to health on continuous use.

11. References

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Sl. No.	District	Block	Location	Source	Lat.	Long.	pH at 25°C	EC µS/cm at 25°C	mg/L												
									CO3	HCO3	Cl	SO4	NO3	F	PO4	TH	Ca	Mg	Na	K	
1	AGAR MALWA	AGAR	KASHI BARDIYA	DW	23.7730	76.0440	7.48	1222	0	610	35	12	44	0.72	0.0	253	55	28	160	0.74	
2	AGAR MALWA	AGAR	KANAD	DW	23.6680	76.1740	7.66	1219	0	561	67	18	35	0.24	0.0	465	99	53	64	1	
3	AGAR MALWA	BADOD	MATKOTRA	DW	23.7390	75.8530	7.4	1380	0	407	75	38	53	0.62	0.0	391	46	67	65	0.49	
4	AGAR MALWA	BADOD	JAHANGIRPURA	DW	23.8190	75.8000	7.67	912	0	160	12	10	8	0.12	0.0	134	40	8	14.9	0.45	
5	AGAR MALWA	BADOD	JHOUNTA	DW	23.7330	75.9460	7.74	1295	0	357	140	105	35	0.14	0.0	609	226	11	15	1.82	
6	AGAR MALWA	NALKHEDA	NALKHEDA	DW	23.8360	76.2440	7.56	935	0	290	127	20	13	0.21	0.0	421	139	18	17	0.57	
7	AGAR MALWA	PRM	GURADI BANGLA	DW	24.0800	76.1550	7.6	1334	0	511	112	10	83	0.67	0.0	550	119	61	48	0.6	
8	AGAR MALWA	SUSNER	SUSNER NEW	DW	23.9440	76.1010	7.6	1100	0	394	105	15	68	0.24	0.0	347	129	6	90	0.8	
9	ALIRAJPUR	ALIRAJPUR	ALIRAJPUR	DW	22.3094	74.3525	7.62	1045	0	445	115	2	5	0.82	0.0	430	106	40	45	4.6	
10	ALIRAJPUR	ALIRAJPUR	BORKUA	DW	22.2236	74.3422	8.11	546	0	299	17	4	3	1.09	0.0	170	46	13	56	2.1	
11	ALIRAJPUR	JOBAT	BADAGUDA	DW	22.4297	74.5172	7.97	888	0	451	32	3	25	1.6	0.0	310	84	24	63	3.5	
12	ALIRAJPUR	KATTHIWARA	KATHIWARA	DW	22.4808	74.1503	8.07	635	0	275	52	5	6	0.6	0.0	185	26	29	61	2.1	
13	ANUPPUR	ANUPPUR	ANUPPUR NEW	DW	23.1158	81.7036	6.99	389	0	189	17	9	2	0.54	0.0	135	34	12	28	1.1	
14	ANUPPUR	ANUPPUR	FUNGA	DW	23.1830	81.8230	7	804	0	85	157	27	135	0.08	0.0	225	56	21	92	5.4	
15	ANUPPUR	ANUPPUR	SAJAH	DW	23.0267	81.6075	7.37	845	0	384	67	23	4	0.19	0.0	350	72	41	39	3	
16	ANUPPUR	ANUPPUR	BARBASPUR	DW	23.0992	81.9431	7.86	308	0	55	57	2	24	0.14	0.0	100	26	9	23	1.1	
17	ANUPPUR	JAITHARI	DEOHARA	DW	23.1431	81.5972	7.3	536	0	177	72	28	15	0.3	0.0	190	52	15	46	0.7	
18	ANUPPUR	JAITHARI	JAMUDI	DW	23.0664	81.6328	7.34	532	0	275	22	7	7	1.45	0.0	190	42	21	35	2.6	
19	ANUPPUR	JAITHARI	LAPTA	DW	22.9836	81.8894	7.36	788	0	262	85	37	26	0.74	0.0	245	46	32	69	2.2	
20	ANUPPUR	JAITHARI	DHANGAON NEW	DW	23.0433	81.8467	7.51	245	0	85	32	5	11	1.06	0.0	55	20	1	36	0.6	
21	ANUPPUR	KOTMA	KOTMA	DW	23.1958	81.9786	7.21	503	0	98	90	14	46	0.21	0.0	175	44	16	41	0.9	
22	ANUPPUR	KOTMA	JHIRIYATOLA NEW	DW	23.2114	82.1039	7.32	767	0	85	162	50	32	0.17	0.0	175	42	17	96	1.5	
23	ANUPPUR	KOTMA	DEVGAWAN	DW	23.2436	81.8961	7.66	843	0	238	107	35	3	0.57	0.0	345	90	29	22	0.7	
24	ANUPPUR	PUSHPARAJGARH	AMARKANTAK	DW	22.6744	81.7611	6.89	136	0	31	15	2	25	0.05	0.0	65	10	10	2	0.3	
25	ANUPPUR	PUSHPARAJGARH	BASANIHA	DW	22.9310	81.6080	7.43	612	0	299	27	6	10	0.21	0.0	255	68	21	23	0.7	
26	ANUPPUR	PUSHPARAJGARH	PODKI	DW	22.7840	81.7290	7.78	512	0	226	32	22	5	0.07	0.0	170	40	17	39	3.4	
27	ANUPPUR	PUSHPRAJGARH	NOONGHATI	DW	22.8364	81.6881	7.56	235	0	92	25	3	5	0.32	0.0	95	22	10	12	0.1	
28	ANUPPUR	PUSHPRAJGARH	PIPRAHA NEW	DW	22.8611	81.6372	7.62	623	0	311	32	17	2	0.14	0.0	265	44	38	22	7.3	
29	ASHOK NAGAR	CHANDERI	CHANDERI	DW	24.7120	78.1360	7.67	1188	0	445	132	2	35	0.35	0.0	190	46	18	186	3.8	
30	ASHOK NAGAR	ISAGARH	SHANKARPUR	DW	24.7550	77.9210	7.47	384	0	134	37	5	19	0.2	0.0	125	22	17	28	3.7	
31	ASHOK NAGAR	ISAGARH	ISAGARH	DW	24.8420	77.8800	7.85	323	0	153	20	4	2	0.42	0.0	55	18	2	49	3.7	
32	ASHOK NAGAR	MUNGAOLI	KHALILPUR	DW	24.5590	78.0880	7.94	714	0	262	85	9	18	0.42	0.0	275	64	28	42	8.9	
33	BALAGHAT	BAIHAR	SUPKHAR	DW	22.1890	80.9370	7.55	342	0	153	25	2	3	0.37	0.0	100	32	5	28	3.2	
34	BALAGHAT	BAIHAR	GARHI NEW	DW	22.2322	80.7933	7.56	454	0	183	37	8	6	0.58	0.0	135	22	19	42	2.6	
35	BALAGHAT	BAIHAR	MUKKI	DW	22.1540	80.6720	7.65	345	0	165	25	2	3	0.48	0.2	125	32	11	24	2.4	
36	BALAGHAT	BALAGHAT	SALETEKA NEW	DW	21.7050	80.2250	7.59	345	0	153	25	4	3	0.21	0.1	130	32	12	19	2.6	
37	BALAGHAT	BALAGHAT	BALAGHAT	DW	21.8130	80.1840	7.6	693	0	305	57	6	5	0.43	0.0	245	72	16	48	2.4	
38	BALAGHAT	BALAGHAT	MAGARDARTA	DW	21.9660	80.1250	7.73	711	0	305	50	22	19	1.14	0.0	265	76	18	46	1.8	

39	BALAGHAT	BALAGHAT	KANKI	DW	21.8320	80.1520	7.96	839	0	122	187	9	3	0.37	0.0	245	62	22	65	2.4
40	BALAGHAT	BIRSA	DAMOH2	DW	21.8960	80.7950	7.55	244	0	98	22	4	2	0.23	0.0	75	24	4	22	3.4
41	BALAGHAT	BIRSA	MOHAGAON	DW	22.0520	80.6810	7.57	1056	0	268	130	54	84	0.36	0.0	365	80	40	78	2.3
42	BALAGHAT	KATANGI	GARRAGHODA	DW	21.6360	79.7860	7.33	612	0	317	20	6	2	0.54	0.0	220	56	19	42	1.8
43	BALAGHAT	KATANGI	BONKATTA	DW	21.6060	79.7630	7.86	1030	0	323	137	60	8	0.66	0.1	310	100	15	106	2.5
44	BALAGHAT	KHAIRLANJI	RAMPALLI	DW	21.6640	80.0170	7.66	535	0	189	62	32	13	0.5	0.0	195	50	17	42	2.6
45	BALAGHAT	KIRNAPUR	RAJEGAON	DW	21.6310	80.2500	7.48	974	0	433	62	30	2	0.54	0.1	215	52	21	128	4.2
46	BALAGHAT	KIRNAPUR	KIRNAPUR	DW	21.6260	80.3290	7.54	978	0	293	100	80	11	0.46	0.0	200	70	6	134	0
47	BALAGHAT	LANJI	DEVERBELI	DW	21.6240	80.6600	7.34	674	0	268	50	40	4	0.4	0.0	235	48	28	51	3.1
48	BALAGHAT	PARASWADA	BAGHOLI	DW	22.1420	80.3690	7.07	502	0	165	25	8	70	0.32	0.0	145	40	11	49	1.2
49	BALAGHAT	PARASWADA	LAUGUR	DW	21.9300	80.3520	7.56	512	0	262	25	2	4	0.36	0.0	125	34	10	65	1.2
50	BALAGHAT	PARASWADA	PARASWARA	DW	22.1760	80.3010	7.68	578	0	244	25	12	39	0.56	0.0	230	64	17	29	2.3
51	BALAGHAT	WARASEONI	NEWARGAON	DW	21.8110	80.0460	7.45	1408	0	397	237	50	2	1.05	0.2	465	130	34	123	3.1
52	BALAGHAT	WARASEONI	AMAI	DW	21.6760	79.9520	7.77	1028	0	305	125	60	9	1.23	0.0	400	112	29	49	1.9
53	BARWANI	NEWALI	NIWALI2	DW	21.6825	74.9233	7.27	1494	0	427	197	47	115	0.11	0.0	510	112	56	122	1.1
54	BARWANI	PANSEMAL	PANSEMAL	DW	21.6683	74.7122	7.84	1043	0	275	117	29	107	0.05	0.0	405	64	60	46	2.3
55	BARWANI	PANSEMAL	DONWAHA	DW	21.6414	74.7514	8.01	839	0	207	87	27	75	0.05	0.0	310	48	46	46	1.2
56	BARWANI	RAJPUR	PALSUD	DW	21.8230	74.9650	7.61	973	0	250	110	32	42	0.05	0.0	230	68	15	102	2.2
57	BARWANI	THIKRI	BARUPHATAK	DW	21.9810	75.3030	8.29	901	0	415	65	27	18	0.16	0.1	370	84	39	53	3.2
58	BETUL	AMLA	MORANDHANA	DW	78.0742	21.9017	7.03	596	0	275	42	24	9	1.29	0.0	260	66	23	29	1.8
59	BETUL	AMLA	SASUNDRA	DW	21.8470	78.0920	7.7	612	0	281	25	20	13	0.05	0.0	225	64	16	42	2.1
60	BETUL	ATHNER	GUJARMAAL	DW	21.6300	77.9460	8.23	734	0	256	97	13	7	0.05	0.0	270	64	27	44	1.9
61	BETUL	BETUL	BETUL1	DW	21.8600	77.9270	7.79	1023	0	262	190	20	2	0.11	0.0	510	74	79	13	3.4
62	BETUL	BETUL	GADHA	DW	21.9150	77.7480	7.8	945	0	409	77	8	14	0.57	0.0	451	108	44	25	1.8
63	BETUL	BHAINSDEHI	JHALLAR	DW	21.7260	77.7430	7.91	1059	0	311	182	5	34	0.05	0.0	375	92	35	85	2.3
64	BETUL	GHODA DONGRI	SARNI	DW	22.1180	78.1430	7.56	887	0	226	135	80	22	0.13	0.4	330	102	18	69	1.7
65	BETUL	GHODA DONGRI	GHORADONGRI	DW	22.1210	78.0050	7.62	986	0	323	105	32	34	0.8	0.1	225	64	16	124	5.6
66	BETUL	PRABHAT PATTAN	PATTAN	DW	21.6510	78.2660	7.5	545	0	201	30	36	11	0.11	0.0	240	84	7	13	3.4
67	BETUL	PRABHAT PATTAN	JUNAPANI	DW	21.7210	78.3530	7.88	986	0	519	22	20	2	0.05	0.0	425	130	24	42	2.3
68	BETUL	SHAHPUR	SHAHPUR	DW	22.1890	77.9040	7.29	1023	0	220	205	17	18	0.14	0.0	425	124	28	46	1.9
69	BETUL	SHAHPUR	BHONRA	DW	22.2780	77.8700	7.71	642	0	232	62	15	20	0.05	0.2	195	24	33	66	1.5
70	BHIND	ATER	PIDORA	DW	26.5458	78.7050	7.43	2125	0	299	417	38	151	0.32	0.0	470	104	51	260	1.5
71	BHIND	BHIND	NAHRAKAPURA	DW	26.6370	78.9420	7.52	1589	0	512	197	42	22	0.92	0.1	265	68	23	238	0.9
72	BHIND	BHIND	KANKURA	DW	26.6269	78.8569	8.02	903	0	433	32	25	18	0.4	0.2	240	60	22	95	1
73	BHIND	GOHAD	BHIRKHARI	DW	26.4750	78.4780	7.58	1185	0	439	127	18	29	0.32	0.2	315	90	22	125	2
74	BHIND	MIHONA	ALAMPUR	DW	26.0290	78.7970	7.9	3573	0	519	870	37	62	0.57	0.1	915	244	74	396	2
75	BHIND	MIHONA	DABOH	DW	25.9960	78.8790	7.99	850	0	378	30	45	19	0.64	0.0	185	42	19	109	0.4
76	BHIND	MIHONA	RATANPURA	DW	25.9680	78.8250	8.03	2045	0	909	157	24	18	1.17	0.2	265	70	22	345	0.9
77	BHOPAL	PHANDA	SHAHJAHANA BAD	DW	23.2660	77.3980	7.3	605	0	268	65	2	16	0.38	0.1	230	58	21	38	15.1
78	BHOPAL	PHANDA	E- 2 NURSERY	DW	23.2200	77.4370	7.72	606	0	323	32	3	8	0.45	0.0	205	54	17	56	5.1
79	BHOPAL	PHANDA	SHAHPPURA	DW	23.2070	77.4230	7.76	895	0	409	62	5	20	0.31	0.2	305	70	32	69	2.1
80	BHOPAL	PHANDA	DIG BANGLA	DW	23.2780	77.4040	7.98	945	0	482	52	4	4	1.01	0.0	240	42	33	112	3.1

81	BHOPAL	PHANDA	BILKHIRIA	DW	23.2540	77.5810	7.99	912	0	384	92	2	2	0.43	0.0	285	62	32	81	0.9
82	BURHANPUR	BURHANPUR	CHAPORA	DW	21.2008	76.1850	7.42	1472	0	421	170	25	137	0.05	0.0	565	178	29	88	0.9
83	BURHANPUR	BURHANPUR	CHANDNIDW	DW	21.4264	76.3506	7.49	1039	0	445	67	28	34	0.18	0.0	350	64	46	82	2.3
84	BURHANPUR	BURHANPUR	DEHNALA	DW	21.5290	76.3110	7.55	650	0	336	12	6	22	0.36	0.2	240	50	28	41	5.2
85	BURHANPUR	BURHANPUR	BURHANPUR NEW	DW	21.3311	76.2336	8.13	1458	0	305	280	30	25	0.09	0.0	175	18	32	245	1.6
86	BURHANPUR	KHAKNAR	NEPA NAGAR	DW	21.4533	76.3936	7.36	802	0	305	62	13	20	0.05	0.0	320	70	35	32	1.2
87	BURHANPUR	KHAKNAR	SHEKHPURA	DW	21.5520	76.7340	7.58	937	0	354	102	10	10	0.15	0.0	340	86	30	56	0.9
88	BURHANPUR	KHAKNAR	KARKHEDA	DW	21.3369	76.4867	7.73	886	0	281	87	21	45	0.08	0.0	390	78	47	17	3.4
89	BURHANPUR	KHAKNAR	PIPALPANI	DW	21.4300	76.6792	7.79	1760	0	653	197	27	132	0.35	0.0	710	178	64	112	4.9
90	CHHATARPUR	BADA MALHERA	SENDPA	DW	24.5469	79.2528	7.98	715	0	372	20	10	6	0.38	0.0	295	42	46	32	1.1
91	CHHATARPUR	BADA MALHERA	SADWA	DW	24.4775	79.2750	8.11	612	0	232	67	8	13	0.5	0.0	245	48	30	33	3.5
92	CHHATARPUR	BIJAWAR	MOTIGARH	DW	24.6133	79.6692	7.57	245	0	110	15	4	5	0.23	0.0	95	30	5	12	1.6
93	CHHATARPUR	BIJAWAR	RAIPURA	DW	24.4810	79.7230	7.76	588	0	250	37	3	31	0.54	0.0	220	52	22	36	1.1
94	CHHATARPUR	BIJAWAR	BIJAWAR	DW	24.6503	79.4981	7.82	612	0	275	22	26	30	0.62	0.1	235	54	24	36	0.8
95	CHHATARPUR	BUXWAHA	GADHOI	DW	24.2947	79.2272	7.56	545	0	189	77	2	4	0.49	0.0	225	58	19	24	6.1
96	CHHATARPUR	BUXWAHA	AMODHA	DW	24.1994	79.3261	7.91	312	0	153	12	6	7	0.15	0.0	100	32	5	28	0.6
97	CHHATARPUR	CHHATARPUR	ISSANAGAR	DW	24.8619	79.3847	8.09	1056	0	415	102	32	7	0.46	0.1	410	46	72	56	2.3
98	CHHATARPUR	CHHATARPUR	PIPORA KHURD	DW	24.8500	79.4808	8.14	485	0	238	25	7	10	0.87	0.0	165	38	17	42	1.5
99	CHHATARPUR	CHHATARPUR	KURRI	DW	24.8681	79.7200	8.16	598	0	250	20	50	7	0.69	0.0	180	28	27	56	0.9
100	CHHATARPUR	NOWGAON	NOWGAON	DW	25.0542	79.4500	8.02	705	0	232	85	36	41	1.06	0.0	235	34	36	66	3.5
101	CHHATARPUR	NOWGAON	MAHARAJAPUR	DW	25.0210	79.7260	8.12	745	0	256	77	33	36	1.04	0.0	245	46	32	63	1.1
102	CHHATARPUR	RAJNAGAR	KHAJURAHO	DW	24.8497	79.9311	7.68	910	0	256	137	26	5	0.4	0.0	350	36	63	41	1.3
103	CHHATARPUR	RAJNAGAR	CHANDRA NAGAR	DW	24.7500	79.9589	8.06	735	0	250	80	36	12	0.79	0.0	245	54	27	59	0.9
104	CHHATARPUR	RAJNAGAR	TATAMPUR	DW	25.0447	79.8653	8.22	589	0	177	75	21	42	1.25	3.2	210	42	26	45	1.3
105	CHHINDWARA	AMARWARA	BANJARI	DW	22.2600	79.1320	7.62	965	0	500	37	8	17	0.41	0.0	395	96	38	45	1.2
106	CHHINDWARA	AMARWARA	BANGAON2	DW	22.2597	79.1319	7.71	945	0	317	70	50	67	0.46	0.0	345	90	29	65	2.5
107	CHHINDWARA	AMARWARA	AMARWARA	DW	22.3010	79.1710	7.91	612	0	262	42	24	2	0.41	0.0	165	56	6	72	2.3
108	CHHINDWARA	CHAURAI	THANVARI KUNDA	DW	22.1760	79.2670	7.82	1170	0	323	150	52	56	1	0.0	445	122	34	62	4.2
109	CHHINDWARA	CHAURAI	MARKA HANDI	DW	22.0450	79.1640	7.9	924	0	354	62	48	47	0.52	0.0	325	104	16	65	1.9
110	CHHINDWARA	CHHINDWARA	SAONRI2	DW	21.9647	78.7703	7.75	826	0	262	55	54	54	0.39	0.1	335	80	33	28	3.2
111	CHHINDWARA	HARRAI	SATHIYA	DW	22.5900	79.1790	7.6	472	0	177	40	28	5	0.3	0.0	145	36	13	48	2.5
112	CHHINDWARA	HARRAI	SURLA	DW	22.4330	79.1720	8.09	1154	0	305	55	40	28	0.34	0.2	345	88	30	24	3.2
113	CHHINDWARA	MOHKHED	TANSARA MAL	DW	21.8620	78.8980	7.85	545	0	244	27	16	2	0.57	0.0	200	48	19	35	2.9
114	CHHINDWARA	PANDHURANA	CHAURAI2	DW	21.6403	78.4794	8.03	610	0	262	30	44	12	0.52	0.0	245	62	22	35	1.2
115	CHHINDWARA	PANDHURNA	CHINCHKHEDA	DW	21.6400	78.4790	7.25	719	0	305	37	60	3	0.53	0.3	215	50	22	75	4.5
116	CHHINDWARA	PANDHURNA	PANDURNA	DW	21.5890	78.5180	7.37	335	0	140	17	14	11	0.37	0.0	120	44	2	25	2.4
117	CHHINDWARA	PANDHURNA	MOHI	DW	21.6580	78.4410	7.83	777	0	366	25	24	18	0.79	0.0	295	70	29	45	6.2
118	CHHINDWARA	PARASIA	SONAPIPRI	DW	22.1430	78.8030	7.97	981	0	427	40	56	42	1.37	0.1	350	112	17	69	4.5
119	CHHINDWARA	Sausar	PRATPPUR	DW	79.2213	22.7550	7.6	510	0	183	37	28	19	0.37	0.0	180	40	19	32	3.2
120	CHHINDWARA	SAUSAR	PIPLANARAYANWAR	DW	21.5919	78.7335	7.85	964	0	366	57	25	71	0.67	0.0	400	92	41	28	3.2
121	CHHINDWARA	SAUSAR	RAMAKONA NEW	DW	21.7020	78.8430	8.09	898	0	458	17	16	22	0.65	0.0	285	66	29	77	2.1
122	CHHINDWARA	TAMIA	BEJOURI	DW	78.6964	22.3442	7.66	636	0	232	62	24	5	0.43	0.0	200	56	15	54	2.9

123	CHHINDWARA	TAMIA	MAHALJHIR	DW	22.6090	78.5740	7.67	2875	0	683	457	160	85	1.54	0.4	745	210	54	323	2.4
124	CHHINDWARA	TAMIA	PRATAPGARH VADLA MATA MANDIR	DW	78.6169	22.3850	8.02	421	0	195	20	10	2	0.37	0.0	195	46	19	10	1
125	CHHINDWARA	TAMIA	RENIKHERA	DW	22.5440	78.5730	8.06	960	0	500	37	34	7	1.46	0.0	270	64	27	105	6.5
126	DAMOH	BATIYAGARH	BATIYAGARH	DW	24.1110	79.3530	7.31	875	0	350	87	28	37	0.45	0.0	312	87	23	66	1.7
127	DAMOH	DAMOH	DAMOH2	DW	23.8280	79.4360	7.18	940	0	339	124	59	4	0.39	0.0	370	111	23	66	1.1
128	DAMOH	DAMOH	NOHTA	DW	23.6780	79.5740	7.34	1050	0	428	146	37	2	0.49	0.0	319	86	25	85	45
129	DAMOH	JABERA	KHAMARIA	DW	23.6500	79.5590	7.05	295	0	121	32	7	4	0.28	0.0	109	28	10	18	10.7
130	DAMOH	JABERA	BAMHORI	DW	23.6850	79.7190	7.26	860	0	345	89	29	40	0.48	0.0	339	82	32	59	1.8
131	DAMOH	JABERA	JABERA1	DW	23.5380	79.7010	7.65	538	0	296	10	14	9	0.46	0.0	258	62	25	11	1.3
132	DAMOH	PATERA	PATHARIA	DW	23.8950	79.8160	7.41	1190	0	343	220	57	4	0.25	0.0	448	135	27	78	10.8
133	DAMOH	PATERA	HARDANI KHURD	DW	23.8920	79.8140	7.42	640	0	344	20	15	27	0.47	0.0	269	71	22	31	3.6
134	DAMOH	PATERA	BANGAON NEW	DW	24.0070	79.5170	7.53	290	0	174	7	3	2	0.24	0.0	141	51	3	7	1.6
135	DAMOH	PATHARIA	PIPARIA CHAMPAT	DW	23.9550	79.4040	7.59	1030	0	457	64	77	5	0.03	0.0	459	106	47	44	6
136	DAMOH	TENDULHEDA	PINDRHI KHERA	DW	23.4430	79.5340	7.2	225	0	72	15	6	27	0.17	0.0	108	23	12	5	0.9
137	DAMOH	TENDULHEDA	PIDARA IKHERA	DW	23.4414	79.5353	7.25	865	0	336	89	28	40	0.42	0.0	340	73	39	59	1.6
138	DAMOH	TENDULHEDA	DHANGOR	DW	23.3770	79.4770	7.28	880	0	353	89	29	36	0.45	0.0	354	78	39	58	1.7
139	DAMOH	TENDULHEDA	TENDUKHEDA	DW	23.3960	79.5390	7.35	512	0	123	87	21	22	0.05	0.0	203	61	13	26	1.7
140	DAMOH	TENDULHEDA	SAMNAPUR	DW	23.3130	79.3860	7.5	1200	0	362	144	56	62	0.85	0.0	295	71	28	100	89
141	DATIA	BHANDER	PANDOKHAR	DW	25.8900	78.7960	7.58	1185	0	439	127	18	29	0.32	0.2	315	90	22	125	2
142	DATIA	DATIA	RUDUAPURA	DW	25.7780	78.5010	7.52	1589	0	512	197	42	22	0.92	0.1	265	68	23	238	0.9
143	DATIA	DATIA	DATIA NEW	DW	25.6639	78.4614	7.9	3573	0	519	870	37	62	0.57	0.1	915	244	74	396	2
144	DEWAS	BAGLI	NEVRI	DW	22.8580	76.2500	7.69	1661	0	530	190	100	1	0.35	0.0	706	125	95	60	0.4
145	DEWAS	BAGLI	BAGLI1	DW	22.6390	76.3470	7.72	573	0	277	22	20	5	0.26	0.0	255	65	23	16	0.4
146	DEWAS	BAGLI	BHIKUPURA	DW	22.5390	76.3390	7.85	1137	0	407	137	42	5	0.62	0.0	363	61	51	93	2.9
147	DEWAS	BAGLI	PIPRI	DW	22.3990	76.2780	7.86	1537	0	487	167	82	82	0.73	0.4	515	104	62	86	35
148	DEWAS	BAGLI	MATMORE NEW	DW	22.7170	76.3790	8.07	671	0	234	72	33	2	0.24	0.0	240	45	31	40	2.7
149	DEWAS	KANNOD	BIJAWAD	DW	22.6990	76.5720	7.64	1005	0	407	80	65	24	0.79	0.0	431	76	58	44	0.6
150	DEWAS	KANNOD	SATWAS NEW	DW	22.5340	76.6820	8.03	1745	0	628	207	80	67	1.85	0.0	510	49	94	200	1
151	DEWAS	SONKUTCH	BHONRASA	DW	22.9880	76.2070	8.04	1073	0	437	92	65	50	0.34	0.0	505	45	95	35	0.8
152	DHAR	BADNAWAR	KANWAN NEW	DW	22.8700	75.2580	8.02	1686	0	122	455	80	2	1.71	0.0	300	70	30	245	1.9
153	DHAR	BADNAWAR	CHAYAN	DW	23.0250	75.1370	8.09	712	0	268	35	42	41	0.65	0.0	215	44	26	67	2.7
154	DHAR	DAHI	DAHI	DW	22.1164	74.6037	8.12	689	0	244	60	20	29	0.56	0.0	275	52	35	35	1.6
155	DHAR	DHAR	SADALPUR	DW	22.7247	75.4225	7.89	1155	0	323	150	90	46	0.63	0.0	360	84	36	114	2.5
156	DHAR	DHAR	LUNERA	DW	22.5865	75.3363	8.03	926	0	354	55	50	48	0.8	0.1	290	64	32	78	4.9
157	DHAR	DHAR	DHAR	DW	22.5910	75.3180	8.11	1012	0	262	125	60	45	0.21	0.1	415	76	55	41	1.8
158	DHAR	DHARAMPURI	DHAMNOD	DW	22.2140	75.4730	7.33	945	0	317	112	30	5	0.44	0.0	265	54	32	95	3.2
159	DHAR	GANDHWANI	KABARWA	DW	22.2728	74.9678	7.77	615	0	238	41	26	31	0.44	0.0	260	52	32	25	2.3
160	DHAR	GANDHWANI	AWALDAMAN NEW	DW	22.3233	75.0742	7.98	765	0	305	25	40	75	0.28	0.0	325	52	47	32	2.3
161	DHAR	KUKSHI	DEHARI	DW	22.2880	74.9160	8.06	1502	0	384	225	72	36	1.5	0.0	200	34	28	256	6.5
162	DHAR	NISARPUR	DHULSAR	DW	22.2050	74.8690	7.9	488	0	146	50	24	25	0.12	0.0	150	24	22	42	3.2
163	DHAR	NISARPUR	PIPALYA	DW	22.1340	74.8750	8.02	1523	0	256	200	160	112	0.23	0.0	600	112	78	82	2

164	DHAR	UMARVAN	RAWATPURA	DW	22.1736	75.2407	8.02	777	0	293	85	12	4	0.34	0.0	250	46	33	62	1.9
165	DINDORI	AMARPUR	AMARPUR	DW	22.7870	80.9613	7.12	858	0	250	104	32	34	0.13	0.0	335	98	22	38	10
166	DINDORI	AMARPUR	SALAIYA	DW	22.9100	80.9470	7.35	453	0	201	25	8	1	0.08	0.0	95	24	9	58	0.7
167	DINDORI	BAJANG	BIJHAURI	DW	22.8620	81.2307	7.37	847	0	214	161	12	32	0.09	0.0	295	78	24	68	2.8
168	DINDORI	DINDORI	KUDHA	DW	22.8940	81.1663	7.26	900	0	275	131	18	9	0.05	0.0	380	94	35	40	2.1
169	DINDORI	DINDORI	VIKRAMPUR1	DW	23.0770	80.9070	7.41	795	0	366	42	14	1	0.18	0.0	340	90	28	28	2.3
170	DINDORI	DINDORI	DINDORI	DW	22.9330	81.0920	7.42	812	0	360	62	5	10	0.17	0.0	375	106	27	17	1.7
171	DINDORI	KARANJIYA	KARANJIYA	DW	22.7110	81.6210	7.13	635	0	342	15	8	2	0.29	0.0	295	78	24	15	0.5
172	DINDORI	KARANJIYA	PATANGARH	DW	22.7460	81.4794	7.15	718	0	299	30	28	14	0.05	0.0	330	76	34	11	0.7
173	DINDORI	MENHADWANI	HARRA	DW	22.8790	80.7954	7.22	389	0	201	10	5	5	1.27	0.0	160	38	16	18	0.5
174	DINDORI	SHAHPUR	KATANGII	DW	23.1260	80.6260	6.97	423	0	195	22	12	9	0.2	0.0	185	48	16	15	0.7
175	DINDORI	SHAHPUR	SHAHPUR	DW	23.1830	80.7010	7.09	1009	0	384	99	12	19	0.12	0.0	335	84	30	76	1.1
176	DINDORI	SHAHPUR	SHAHPUR DEPOT	DW	23.1830	80.6950	7.12	602	0	293	22	15	10	0.12	0.0	280	80	19	10	2.1
177	GUNA	CHACHAURA	KHATKIYA	DW	24.3300	77.1030	7.55	725	0	281	55	8	2	0.46	0.0	280	50	38	25	1.1
178	GUNA	CHACHAURA	PENCHI	DW	24.1360	77.0100	7.8	1670	0	323	355	8	5	0.53	0.7	675	170	61	52	3.1
179	GUNA	CHACHAURA	BADAUD NEW	DW	24.4090	77.0000	8.02	915	0	445	27	9	50	1.01	0.0	120	34	9	158	1.3
180	GUNA	GUNA	SINGWASA	DW	24.6500	77.3640	7.69	894	0	311	122	6	5	0.66	0.0	240	34	38	94	2.8
181	GUNA	RAGHOGARH	MAKSUDANGARH	DW	24.0610	77.2580	7.85	732	0	378	32	9	23	0.39	0.0	165	52	9	102	0.3
182	GUNA	RAGHOGARH	PIPALIYA	DW	24.3090	77.1590	7.96	680	0	360	15	8	25	0.63	0.0	225	28	38	65	0.6
183	GUNA	RAGHOGARH	JANJALI	DW	24.3620	77.1210	8.07	1180	0	458	115	8	3	0.66	0.0	235	44	30	142	4.6
184	GWALIOR	BHITARWAR	DONGARPUR	DW	25.8220	77.9640	7	3642	0	817	537	66	260	0.56	0.0	1010	316	54	351	3.4
185	GWALIOR	BHITARWAR	BAJNA	DW	25.8506	77.9416	7.1	758	0	354	27	24	15	0.72	0.0	250	76	15	55	3.5
186	GWALIOR	BHITARWAR	DEORIKALA	DW	25.7833	77.9842	7.45	1570	0	506	188	45	39	1.1	0.1	340	92	27	201	3.7
187	GWALIOR	BHITARWAR	HARSIBANDH	DW	25.7620	77.9290	7.55	495	0	177	32	27	25	0.36	0.0	125	28	13	53	1.8
188	GWALIOR	DABRA	MAKODA	DW	26.0360	78.2560	7.16	1301	0	445	141	39	30	0.18	0.0	320	82	28	148	3.5
189	GWALIOR	GHATIGAON	CHARAI SHYAMPUR	DW	25.9750	77.8310	7.2	1496	0	415	181	42	109	0.41	0.0	430	104	41	145	2.8
190	GWALIOR	GHATIGAON	BEELPURA	DW	26.2499	78.0471	7.27	1092	0	360	116	34	39	0.49	0.0	355	86	34	85	1.2
191	GWALIOR	GHATIGAON	BEHRATA	DW	26.2920	78.0960	7.29	2596	0	702	408	55	43	0.25	0.0	475	152	23	372	3.4
192	GWALIOR	GHATIGAON	TIGHARA	DW	26.2131	78.1513	7.37	721	0	311	42	25	13	0.35	0.0	230	56	22	58	0.9
193	GWALIOR	GHATIGAON	PRITHVI KA PURA	DW	26.2076	78.0926	7.5	350	0	122	27	21	12	0.86	0.1	110	28	10	28	2.3
194	GWALIOR	GHATIGAON	SURO	DW	26.2499	78.0417	7.8	3590	0	964	606	64	54	0.45	0.0	825	196	81	444	1.1
195	GWALIOR	MORAR	BEHAT	DW	26.1740	78.5430	6.98	659	0	232	59	27	19	0.78	0.1	115	24	13	95	2.4
196	GWALIOR	MORAR	BAJRANG COLONY DABKA	DW	26.1540	78.4330	7.07	1160	0	360	161	23	22	0.7	0.0	330	86	28	113	1.9
197	GWALIOR	MORAR	JAHANGIRPUR	DW	26.2756	78.2906	7.29	3028	0	665	557	38	93	0.62	0.0	680	164	66	375	2.7
198	GWALIOR	MORAR	ODPURA	DW	26.2665	78.2687	7.29	441	0	153	45	16	11	0.26	0.2	135	32	13	38	1.1
199	GWALIOR	MORAR	MAITHANA	DW	26.2902	78.2905	7.3	1747	0	683	166	28	34	1	0.1	310	90	21	255	2.5
200	GWALIOR	MORAR	PADAMPUR KHERIA	DW	26.2665	78.2687	7.3	2024	0	708	205	41	68	0.56	0.2	375	94	34	287	3.5
201	GWALIOR	MORAR	GHOSIPURA	DW	26.2757	78.2906	7.38	367	0	110	37	19	14	0.9	0.0	85	18	10	42	1.3
202	GWALIOR	MORAR	AARAULI	DW	26.1600	78.4550	7.51	642	0	232	57	32	5	0.29	0.0	175	42	17	64	1.2
203	GWALIOR	MORAR	MANPURA	DW	26.1640	78.3550	8	968	0	360	82	34	26	0.85	0.3	320	74	33	69	4.1
204	HARDA	HARDA	HARDADW	DW	22.3460	77.0880	7.69	1380	0	464	95	48	142	0.46	0.0	475	90	61	95	2.6
205	HARDA	HARDA	HANDIA	DW	22.4840	76.9810	8.1	1306	0	641	72	23	41	1.14	0.0	280	52	36	189	2.8

206	HARDA	KHIRKIYA	CHHIPAWADDW	DW	22.1550	76.8770	7.85	1110	0	482	45	23	24	0.07	0.2	190	42	21	153	3.5
207	HARDA	TIMARNI	DHANAGAO	DW	22.2750	77.2194	7.61	650	0	348	15	6	18	0.14	0.0	250	62	23	36	1.6
208	HARDA	TIMARNI	TEMAGAON	DW	22.2980	77.3210	7.94	919	0	464	20	20	28	0.14	0.0	165	38	17	136	2.4
209	HOSHANGABAD	BABAI	DHONGRA	DW	22.6875	78.0828	7.29	901	0	360	85	20	13	0.06	0.1	340	62	45	61	2.6
210	HOSHANGABAD	BABAI	BAGRATAWADW	DW	22.6290	77.9930	7.55	631	0	354	17	3	10	0.05	0.0	265	54	32	31	3.5
211	HOSHANGABAD	BABAI	GURRA NEW	DW	22.6300	77.9180	8.09	745	0	367	22	42	3	0.14	0.2	230	68	15	68	2.9
212	HOSHANGABAD	BABAI	BABAIDW	DW	22.7000	77.9390	8.13	1145	0	549	70	14	21	0.05	0.0	415	98	41	78	7.7
213	HOSHANGABAD	HOSHANGABAD	DOLARIADW	DW	22.6260	77.6390	7.59	812	0	348	60	11	16	0.29	0.0	280	42	43	56	4.6
214	HOSHANGABAD	HOSHANGABAD	SONKHERA	DW	22.6170	77.8340	8.03	794	0	433	27	10	2	0.5	0.0	260	64	24	72	3.8
215	HOSHANGABAD	KESALA	PATHRAUTADW	DW	22.5760	77.7960	7.49	845	0	342	72	28	21	0.06	0.0	280	54	35	69	4.5
216	HOSHANGABAD	KESALA	SUKTAWA	DW	22.4080	77.8430	7.6	412	0	177	22	26	2	0.07	0.0	125	36	9	35	6.5
217	HOSHANGABAD	SOHAGPUR	KARANPUR	DW	22.7200	78.2194	7.38	826	0	256	115	26	2	0.05	0.0	230	24	41	95	3.2
218	INDORE	DEPALPUR	RANGWASA	DW	22.7440	75.5700	7.71	809	0	134	75	88	70	0.26	0.0	325	52	47	25	2.8
219	INDORE	INDORE	PRAKASH NAGAR	DW	22.6980	75.8790	7.65	1012	0	445	75	28	2	0.21	0.0	380	112	24	65	2.9
220	INDORE	INDORE	DUDHIYA	DW	22.6760	75.9460	7.77	1989	0	470	387	44	8	0.12	0.2	660	178	52	152	3.5
221	INDORE	INDORE	SAJAN NAGAR	DW	22.6950	75.8820	7.86	1245	0	537	87	50	6	0.23	0.0	430	118	33	88	3.7
222	INDORE	INDORE	SOYABEEN RESEARCH CENTRE	DW	22.6830	75.8730	7.89	852	0	317	85	44	15	0.69	0.0	175	34	22	123	3.7
223	INDORE	INDORE	BHIL PALTAN	DW	22.6960	75.8340	7.95	406	0	195	20	8	5	0.11	0.0	155	36	16	23	4.7
224	INDORE	INDORE	RANJEET HANUMAN TEMPLE	DW	22.7000	75.8360	7.98	478	0	232	25	8	2	0.11	0.0	205	42	24	14	3.1
225	INDORE	MHOW	MHOW	DW	22.5490	75.7620	8.06	613	0	293	32	13	4	0.17	0.1	250	58	26	24	2.6
226	JABALPUR	JABALPUR	SADAR BAZAR	DW	23.1550	79.9490	6.96	676	0	320	30	28	1	0.28	0.0	270	53	33	35	2.3
227	JABALPUR	JABALPUR	GOKALPUR	DW	23.1900	79.9850	6.97	965	0	382	75	15	47	0.56	0.0	338	86	30	52	13
228	JABALPUR	JABALPUR	BARELA	DW	23.0960	80.0550	7.23	712	0	296	62	12	18	0.61	0.0	186	53	13	82	5.2
229	JABALPUR	JABALPUR	KANCH GHAR	DW	23.1760	79.9600	7.33	1189	0	394	152	14	63	0.35	0.0	343	67	43	112	6.3
230	JABALPUR	JABALPUR	PANCHPEDI	DW	23.1590	79.9490	7.33	840	0	388	47	14	10	0.2	0.0	319	114	8	42	2.5
231	JABALPUR	JABALPUR	NAGAR NIGAM COMPLEX	DW	23.1660	79.9330	7.43	1550	0	567	212	5	4	0.4	0.0	441	78	60	150	5.2
232	JABALPUR	JABALPUR	KOSHAM GHAT	DW	23.1063	80.0124	7.54	712	0	327	42	15	6	0.28	0.0	284	53	37	35	1.1
233	JABALPUR	JABALPUR	UMARIYANEW	DW	23.2021	80.0730	7.57	502	0	259	15	12	3	0.28	0.0	211	45	24	13	8.1
234	JABALPUR	KUNDAM	BISHANPURA	DW	23.2290	80.2490	7.19	1210	0	487	105	18	46	0.34	0.0	431	96	46	75	0.8
235	JHABUA	JHABUA	PITOL	DW	22.7850	74.4660	7.85	2456	0	214	677	26	45	1.41	0.0	275	62	29	422	5.4
236	JHABUA	MEGHNAGAR	MEGHNAGAR NEW	DW	22.9050	74.5420	8.08	945	0	366	100	32	5	0.79	0.1	170	26	26	140	3.2
237	JHABUA	PETLAWAD	SARANGI	DW	23.0520	74.9080	7.86	689	0	281	37	15	49	0.07	0.0	275	58	32	32	2.3
238	JHABUA	RANAPUR	TIKADIMOTI NEW	DW	22.7708	74.5900	7.92	575	0	305	17	5	7	0.66	0.0	185	12	38	48	1.6
239	KATNI	BADWARA	PIPARIA2	DW	23.8619	80.6986	7.48	891	0	311	67	22	70	0.52	0.0	275	60	30	72	3.5
240	KATNI	DHIMAR KHEDA	SILONI	DW	23.3460	80.3780	7.54	912	0	342	65	14	75	0.49	0.0	335	32	62	52	4.6
241	KATNI	DHIMARKHEDA	UMARIAPAN	DW	23.5217	80.2917	7.66	1003	0	336	90	23	140	0.21	0.0	375	106	27	74	2
242	KATNI	KATNI	GANIYARI	DW	23.8306	80.3986	7.44	1385	0	195	217	89	140	0.6	0.0	575	158	44	47	0.8
243	KATNI	KATNI	KATNII	DW	23.8310	80.3990	7.57	612	0	268	42	10	8	0.52	0.0	215	42	27	41	4.3
244	KATNI	RITHI	BILHARI NEW	DW	23.9028	80.2514	7.25	1611	0	360	235	76	140	2.46	0.0	575	150	49	112	7.4
245	KATNI	RITHI	RITHI	DW	23.9090	80.1420	7.4	1567	0	421	212	67	24	1.46	0.1	525	130	49	95	7.1

246	KATNI	RITHI	DEOGAWAN	DW	23.9028	80.2514	7.49	980	0	214	187	58	22	0.47	0.0	360	110	21	77	0.7
247	KATNI	VIJAY RAGHAVGARH	KHITOLI2	DW	23.8619	80.6986	7.49	484	0	214	25	7	17	0.38	0.0	205	44	23	19	2.3
248	KHANDWA	BALADI	BILLOD	DW	22.2028	76.7489	8.02	712	0	293	67	26	11	0.07	0.2	290	70	28	37	3.2
249	KHANDWA	CHHEGAON MAKHAN	ROSHIYA NEW	DW	21.9578	76.1664	7.88	1145	0	409	105	60	52	0.35	0.0	380	102	30	108	2.3
250	KHANDWA	CHHEGAON MAKHAN	KUSUMBIYA	DW	21.6890	76.1980	7.92	1256	0	287	177	67	89	0.16	0.0	380	66	52	123	1.2
251	KHANDWA	HARSUD	BORI SARAY	DW	22.0060	76.8170	7.86	842	0	336	52	26	36	0.39	0.0	270	50	35	65	2.6
252	KHANDWA	HARSUD	DAGAD KHEDI	DW	22.0820	76.8330	7.96	442	0	207	22	16	3	0.35	0.0	150	46	9	35	3.1
253	KHANDWA	HARSUD	BEDIA	DW	21.9700	76.7440	8.12	554	0	171	67	30	16	0.45	0.1	105	24	11	86	2.4
254	KHANDWA	KHALWA	KHALWA1	DW	21.8050	76.7460	7.57	1256	0	458	107	47	55	0.5	0.0	400	118	26	102	3.1
255	KHANDWA	KHALWA	KALAM KHURD	DW	21.8492	76.7108	8.09	686	0	256	40	28	34	0.12	0.0	210	38	28	61	2.3
256	KHANDWA	KHANDWA	RUDHY BHATA	DW	21.8330	76.4670	7.9	856	0	375	72	15	3	0.38	0.0	285	56	35	65	1.5
257	KHANDWA	PANDHANA	BAIRUKHEDA	DW	21.7506	76.3053	7.83	826	0	262	55	58	68	0.4	0.0	295	52	40	56	2.4
258	KHANDWA	PANDHANA	BORGAON BUZURG	DW	21.6090	76.3250	8.02	1089	0	390	72	48	78	0.24	0.0	340	102	21	98	3.2
259	KHANDWA	PANDHANA	BALWARA1	DW	21.7000	76.5160	8.06	888	0	360	52	31	28	0.7	0.0	260	82	13	82	1.6
260	KHANDWA	PUNASA	THAPANA	DW	22.2220	76.0870	7.59	1665	0	439	212	67	67	0.17	0.0	660	206	35	71	2.5
261	KHANDWA	PUNASA	UDAIPUR	DW	22.2260	76.4030	7.65	1139	0	317	117	52	82	0.19	0.0	425	112	35	61	2.4
262	KHANDWA	PUNASA	KAROLI	DW	22.1420	76.2060	7.76	812	0	311	47	37	46	0.54	0.0	340	68	41	39	2.3
263	KHANDWA	PUNASA	BANGARDA	DW	22.1450	76.4620	7.9	345	0	159	15	10	3	0.56	0.0	80	26	4	42	4.2
264	KHANDWA	PUNASA	GHOSALI	DW	22.1580	76.1310	8.05	842	0	317	40	34	64	0.25	0.1	300	58	38	48	1.2
265	KHANDWA	PUNASA	MUNDI NEW	DW	22.0642	76.4886	8.11	666	0	293	27	27	26	0.3	0.0	240	58	23	49	2.2
266	KHANDWA	PUNASA	KELWA KALAN NEW	DW	22.1742	76.2664	8.12	545	0	250	30	21	19	0.74	0.1	210	36	29	35	1.2
267	KHARGONE	BARWAHA	BALWARA	DW	22.3940	75.9750	7.89	612	0	293	32	6	2	0.25	0.1	255	64	23	27	3
268	KHARGONE	BARWAHA	BARWAH	DW	22.2540	76.0350	7.98	777	0	342	50	30	10	0.25	0.0	250	52	29	65	4.5
269	KHARGONE	BHAGWANPURA	BHULWANI	DW	21.5480	75.4810	7.26	868	0	390	25	26	51	0.29	0.0	350	98	26	40	2.5
270	KHARGONE	BHAGWANPURA	GHATTI	DW	21.7230	75.6670	7.85	646	0	171	105	30	12	0.29	0.0	120	24	15	98	2.6
271	KHARGONE	BHIKANGAON	BAMNALA NEW	DW	21.8250	75.8530	7.68	1025	0	317	112	48	58	0.09	0.0	435	112	38	36	2.1
272	KHARGONE	BHIKANGAON	BHIKANGAON2	DW	21.8619	75.9558	8.06	1065	0	195	180	42	78	0.12	0.1	420	124	27	49	2.3
273	KHARGONE	BHIKANGAON	GOGAON	DW	21.9181	75.7444	8.06	1772	0	567	87	102	207	0.27	0.0	675	184	52	89	2.9
274	KHARGONE	JHIRANYA	ZIRANNIYA	DW	21.6506	75.9876	7.89	1025	0	384	25	115	52	0.31	0.2	450	118	38	33	2.3
275	KHARGONE	KASRAWAD	SAWDA	DW	22.0310	75.6290	7.46	798	0	262	112	12	2	0.31	0.0	240	52	27	74	2.4
276	KHARGONE	KASRAWAD	KASRAWAD2	DW	22.1236	75.6083	8.01	465	0	220	22	10	11	0.12	0.0	155	24	23	39	3.3
277	KHARGONE	KHARGONE	KHARGONE	DW	21.8278	75.6194	7.65	1212	0	397	100	60	92	0.12	0.0	385	92	38	99	3.5
278	MANDLA	BICHHIYA	SIJHORA	DW	22.4260	80.7770	7.32	1245	0	226	245	43	47	0.35	0.8	610	170	45	15	2.7
279	MANDLA	BICHHIYA	BICHHIA1	DW	22.4520	80.7000	7.72	697	0	317	60	26	9	0.21	0.1	280	56	34	44	2.3
280	MANDLA	BICHHIYA	ANJANIA	DW	22.4950	80.5094	7.97	912	0	403	62	25	15	0.3	0.0	310	70	33	68	1.2
281	MANDLA	BIJADANDI	CHAWAI	DW	22.9585	80.2452	7.78	342	0	165	20	7	1	0.09	0.6	135	28	16	22	0.9
282	MANDLA	GHUGHRI	GHUGHRI	DW	22.6778	80.6900	7.57	412	0	177	32	3	3	0.11	0.0	170	38	18	17	1.7
283	MANDLA	MANDLA	KHARI	DW	22.7930	80.4110	7.63	345	0	146	17	9.4	20	0.4	0.1	165	32	21	9	0.5
284	MANDLA	MANDLA	MAHANIA PATPARA	DW	22.6850	80.4770	7.67	605	0	299	25	12.3	7	0.16	0.0	230	56	22	34	0.3
285	MANDLA	MANDLA	PATHIRI PATPARA	DW	22.6080	80.4710	7.71	710	0	262	57	22	40	0.29	0.0	300	52	41	29	2.2

286	MANDLA	MANDLA	PINDRAI	DW	22.6139	80.5208	7.75	512	0	244	22	10	12	0.12	0.0	215	28	35	16	1.5
287	MANDLA	MANDLA	DEVGAON	DW	22.7390	80.5250	7.78	912	0	403	62	28	12	0.27	0.0	405	64	60	29	1.1
288	MANDLA	MANDLA	SUBHARIYA	DW	22.5260	80.2710	7.85	545	0	250	32	16	2	0.29	0.4	215	36	30	29	0.7
289	MANDLA	MANDLA	BAMHINI NEW	DW	22.4760	80.3680	7.93	1315	0	549	132	31	6	0.05	0.0	560	158	40	52	1.6
290	MANDLA	MANDLA	RAMNAGAR1	DW	22.6140	80.5210	7.93	845	0	378	55	23	6	0.38	0.0	310	68	34	53	5.6
291	MANDLA	MANDLA	PADMI CHORAHAA	DW	22.5500	80.4100	7.98	512	0	256	22	6	1	0.17	0.0	175	50	12	35	9.3
292	MANDLA	MAWAI	MANGLI	DW	22.3453	80.9033	7.53	445	0	226	22	5.9	16	0.37	0.0	195	38	24	19	0.7
293	MANDLA	MAWAI	MOTINALA	DW	22.3450	80.9030	7.82	1023	0	268	155	65	17	2.3	3.3	385	92	38	65	0.5
294	MANDLA	MOHGAON	CHABI	DW	22.8250	80.7000	7.66	512	0	250	17	8	10	0.17	0.0	205	40	26	25	0.5
295	MANDLA	MOHGAON	REHGAON	DW	22.7490	80.5770	7.83	623	0	305	25	18	12	0.36	0.0	255	44	35	35	1.1
296	MANDLA	NAINPUR	SURAJPURA	DW	22.5210	80.1380	7.68	251	0	128	7	5	1	0.29	0.0	105	24	11	8	0.7
297	MANDLA	NAINPUR	RAMPURI NEW	DW	22.4090	80.2640	7.93	802	0	390	37	20	15	0.16	0.0	300	60	36	49	1.1
298	MANDLA	NARAYANGANJ	BABALIYA	DW	22.8830	80.4140	7.68	697	0	275	50	32	43	0.45	0.0	315	84	26	25	1.1
299	MANDSAUR	BHANPURA	SANDHARA	DW	24.5610	75.8680	7.12	688	0	256	25	36	71	0.89	0.0	290	46	43	31	3.2
300	MANDSAUR	BHANPURA	BABULDA	DW	24.4740	75.6880	7.89	1543	0	415	175	48	88	0.56	0.0	525	150	36	84	2.3
301	MANDSAUR	BHANPURA	DUDHKHERI	DW	24.4314	75.6847	7.97	1441	0	311	137	117	140	0.46	0.0	625	162	54	29	2.2
302	MANDSAUR	BHANPURA	BHANPURA	DW	24.5128	75.7472	8.02	456	0	159	25	39	22	0.23	0.0	210	72	7	14	1.1
303	MANDSAUR	GAROTH	SHAMGARH2	DW	24.1914	75.6400	7.33	588	0	171	70	41	5	0.79	0.0	260	64	24	20	2.8
304	MANDSAUR	GAROTH	GAROTH NEW	DW	24.3381	75.6606	7.65	1560	0	177	370	43	77	0.4	0.0	635	144	67	72	3.2
305	MANDSAUR	GAROTH	BARKHERANAYAK	DW	24.2190	75.5220	7.96	2010	0	580	255	82	177	0.52	0.0	875	264	52	85	2.3
306	MANDSAUR	GAROTH	DHARMARAJESHWER	DW	24.1925	75.5000	8.21	782	0	366	30	11	19	0.26	0.0	290	102	9	34	5.6
307	MANDSAUR	MALHARGARH	MALHARGARH	DW	24.2780	74.9910	7.56	2723	0	433	625	52	28	0.45	0.0	910	244	73	185	3.2
308	MANDSAUR	MALHARGARH	PIPALIYA	DW	24.1960	75.0080	7.56	1010	0	317	75	54	65	1.21	0.0	400	124	22	43	1.3
309	MANDSAUR	MANDSAUR	DALODA2	DW	23.9250	75.0989	7.23	1088	0	317	117	60	91	0	0.0	405	124	23	78	2.4
310	MANDSAUR	MANDSAUR	CHIRMOLIYA	DW	24.0222	75.2569	7.45	1115	0	543	95	15	5	0.47	0.0	460	164	12	68	2.3
311	MANDSAUR	MANDSAUR	NAYAKHERA	DW	24.0140	75.0830	7.45	1888	0	354	320	96	154	0.23	0.0	585	204	18	176	3.2
312	MANDSAUR	MANDSAUR	ATITKHEDI	DW	24.0239	75.0822	7.49	826	0	293	62	51	46	0.86	0.0	310	118	4	65	1.2
313	MANDSAUR	MANDSAUR	BOTALGANJ	DW	24.1483	75.0292	7.95	992	0	488	80	6	3	0.58	0.0	430	102	43	45	1.4
314	MANDSAUR	SITAMAU	SUWASARA	DW	24.0770	75.6430	7.65	831	0	226	105	49	29	0.32	0.0	280	82	18	58	2.3
315	MANDSAUR	SITAMAU	BASAKHEDA	DW	24.0320	74.9455	7.86	1031	0	220	130	62	98	0.49	0.0	450	100	49	25	3.2
316	MANDSAUR	SITAMAU	SURJANI	DW	24.0250	75.4450	7.89	1893	0	476	350	74	51	0.32	0.0	805	196	77	92	4.2
317	MORENA	JOURA	JAFRABAD	DW	26.4310	77.8770	7.8	1001	0	342	97	42	34	0.52	0.0	240	50	28	117	1.5
318	MORENA	JOURA	BILGAON	DW	26.3758	77.8392	8.03	1413	0	506	140	46	35	0.57	0.0	420	88	49	129	1.7
319	MORENA	MORENA	KHERA MEWDA NEW	DW	26.5630	78.0900	7.29	1659	0	580	185	49	23	0.33	0.0	390	82	45	198	3.5
320	MORENA	PAHADGARH	PAHARGARH	DW	26.2000	77.6390	7.53	1758	0	653	170	46	41	0.56	0.0	430	104	41	203	1.9
321	MORENA	PAHADGARH	HUSEINPUR	DW	26.4041	77.6026	7.68	1207	0	458	115	35	15	0.58	0.0	265	76	18	152	3.3
322	MORENA	PORSA	PORSA	DW	26.6710	78.3690	7.7	1809	0	708	162	38	39	0.48	0.0	395	86	44	230	2.3
323	MORENA	SABALGARH	RANIPURA	DW	26.2060	77.3350	7.32	1660	0	482	407	52	254	0.72	0.0	475	152	23	370	3.4
324	MORENA	SABALGARH	TONGA GAON	DW	26.2553	77.4381	7.5	940	0	293	95	27	69	0.63	0.0	255	56	28	97	2.1
325	NARSINGPUR	BABAI (CHICHLI)	SALICHAUKA	DW	22.8306	78.6667	8.07	625	0	268	50	14	2	0.27	0.1	270	82	16	28	1.2
326	NARSINGPUR	CHAWARPATHA	KOUDIYA	DW	22.9460	78.8160	7.96	1235	0	519	77	16	58	0.54	0.0	430	106	40	85	2.3
327	NARSINGPUR	GATEGAON	JHOTESHWAR	DW	22.9478	79.5583	7.89	856	0	458	37	18	10	0.52	0.0	280	92	12	85	1.7

328	NARSINGPUR	GATEGAON	BAUCHHAR	DW	22.9869	79.3336	8.04	712	0	354	27	34	2	0.5	0.0	265	70	22	45	5.2
329	NARSINGPUR	GATEGAON	GOTEGAON	DW	23.0394	79.4806	8.04	1789	0	519	180	102	104	0.55	0.3	440	112	39	212	1.9
330	NARSINGPUR	GATEGAON	KARAKBEL NEW	DW	22.9975	79.3543	8.09	789	0	378	50	18	3	0.54	0.0	305	78	27	45	2.3
331	NARSINGPUR	KARELI	RAMKHIRIA	DW	23.1014	79.1625	7.72	888	0	476	25	8	2	0.78	0.0	325	90	24	54	1.6
332	NARSINGPUR	KARELI	KARELI BASTI	DW	22.9110	79.0680	8.14	1145	0	488	62	48	16	0.59	0.4	315	68	35	112	2.4
333	NARSINGPUR	NARSINGHPUR	BACHAI	DW	22.8740	79.3060	7.76	656	0	317	25	10	12	0.57	0.0	260	68	22	36	1.2
334	NEEMUCH	JAVED	DIKKEN	DW	75.0987	24.7028	7.99	1499	0	439	210	48	14	1.08	0.0	620	156	56	52	1.9
335	NEEMUCH	JAWAD	RATANGARH	DW	24.8110	75.1090	7.3	801	0	256	97	47	5	0.38	0.0	270	64	27	63	1.2
336	NEEMUCH	JAWAD	PATAN1	DW	24.9070	75.2110	7.72	1190	0	409	77	102	5	1.14	0.0	451	108	44	52	3.2
337	NEEMUCH	JAWAD	SINGOLI	DW	24.9680	75.2880	7.83	1323	0	311	182	80	1	0.26	0.1	375	92	35	118	2.3
338	NEEMUCH	MANASA	BESLA	DW	24.5540	75.4570	7.83	512	0	226	25	22	3	0.4	0.0	225	64	16	15	4.5
339	NEEMUCH	MANASA	RAMPURA	DW	24.4620	75.4410	7.87	926	0	384	80	23	3	0.49	0.0	305	84	23	72	4.2
340	NEEMUCH	MANASA	KUKRESHWAR	DW	24.4800	75.2680	7.94	3498	0	519	605	114	347	0.38	0.3	1025	130	170	343	2.6
341	NEEMUCH	MANASA	BARLAI	DW	24.4240	75.3200	8.08	667	0	281	25	16	11	0.81	0.0	225	64	16	38	3.5
342	NEEMUCH	NEEMUCH	KACHOLI	DW	24.3630	74.9410	7.68	1642	0	268	390	19	5	0.71	0.2	660	182	50	69	2.6
343	NEEMUCH	NEEMUCH	GIRDOLA	DW	24.4620	74.9320	7.94	1488	0	342	280	46	4	0.52	0.0	325	68	38	190	2.9
344	NEEMUCH	NEEMUCH	NEEMUCH	DW	24.4540	74.8740	7.95	1844	0	628	267	37	5	1.1	0.0	510	74	79	202	2.3
			SEMALI																	
345	NEEMUCH	NEEMUCH	CHANDRAWAT	DW	24.5480	74.9360	8.06	2103	0	433	327	99	4	0.37	0.2	410	66	60	250	4.2
346	PANNA	AJAIGARH	BANAHARI KALAN	DW	24.8536	80.1786	7.96	648	0	336	20	26	10	0.59	0.0	285	58	34	27	1.1
347	PANNA	AJAIGARH	SINHAI	DW	24.9200	80.2253	8.02	816	0	439	37	12	2	0.63	0.0	335	100	21	45	1.2
348	PANNA	GUNNOR	SALLEHA	DW	24.4133	80.4025	8.09	793	0	348	47	8	16	0.17	0.0	255	56	28	56	2.4
349	PANNA	PANNA	BADAGAON	DW	24.6236	80.3456	7.01	312	0	85	45	6	14	0.15	0.0	75	24	4	39	2.6
350	PANNA	PANNA	BAHERA	DW	24.6620	80.2550	7.07	312	0	128	30	4	12	0.12	0.0	80	16	10	38	2.4
351	PANNA	PANNA	MADLA	DW	24.7290	80.0110	7.45	600	0	140	62	18	67	0.07	0.0	185	42	19	42	2.1
352	PANNA	PANNA	AKOLA	DW	24.6190	80.1320	7.53	282	0	128	20	2	5	0.21	0.0	85	20	9	28	1.6
353	PANNA	PANNA	BARRACHH	DW	24.5450	80.1730	7.92	536	0	293	20	6	2	0.44	0.0	225	46	27	28	3.5
354	PANNA	PANNA	PANNA1	DW	24.7056	80.1806	7.95	1956	0	470	385	52	2	0.36	0.0	455	138	27	232	32.6
355	PANNA	PAWAI	MOHENDRA	DW	24.1910	79.9660	7.96	1658	0	348	350	42	2	0.71	0.0	505	124	47	145	3.2
356	PANNA	PAWAI	KHARMORA	DW	24.1220	80.2610	8.07	1389	0	378	205	72	3	0.22	0.0	335	68	40	148	16.5
357	PANNA	SHAHNAGAR	DOGARGAWA	DW	80.3186	23.9667	7.71	646	0	256	62	10	2	0.1	0.0	255	58	27	26	2.3
358	PANNA	SHAHNAGAR	TAKHORI	DW	23.9880	79.9510	7.83	498	0	207	37	8	4	0.41	0.0	180	38	21	27	3.2
359	PANNA	SHAHNAGAR	KUANKHEDA	DW	23.9010	79.9230	7.87	975	0	311	150	4	2	0.46	0.0	240	40	34	112	1.8
360	PANNA	SHAHNAGAR	RAIPURA	DW	23.9040	79.9520	7.99	612	0	207	75	30	4	0.24	0.0	175	40	18	64	1.5
361	RAISEN	GOHAGANJ	CHIKLOD	DW	23.1060	77.7230	8.01	1191	0	378	192	2	12	0.48	0.0	345	112	16	118	1.1
362	RAISEN	SILWANI	SIARMAU	DW	23.4010	78.5500	7.91	735	0	311	80	2	7	0.93	0.1	150	32	17	106	1
363	RAJGARH	BIAORA	BAIHEDA	DW	23.8360	76.9500	8.04	925	0	493	32	20	17	0.98	0.0	255	35	41	104	1.4
364	RAJGARH	KHILCHIPUR	KHILCHIPUR	DW	24.0430	76.5790	7.48	1462	0	487	175	58	44	0.39	0.0	515	122	51	110	4.5
365	RAJGARH	NARSINGHGARH	PACHORNEW	DW	23.7180	76.7380	7.58	2073	0	555	232	147	133	0.11	0.8	657	171	56	124	116
366	RAJGARH	NARSINGHGARH	MANDAWAR	DW	23.7030	76.8830	7.68	785	0	333	52	19	34	0.3	0.0	348	96	26	18.9	0.3
367	RAJGARH	NARSINGHGARH	PILUKHEDI	DW	23.4910	77.0600	7.87	1935	0	308	130	564	7	0.43	0.0	578	161	43	214	1.6
368	RATLAM	ALOT	MALAKHERA	DW	23.6970	75.4490	7.78	1220	0	305	205	32	29	0.59	0.0	385	86	41	99	3.2

369	RATLAM	ALOT	TAL	DW	23.7220	75.3830	7.8	2102	0	220	507	55	123	1.15	0.0	705	144	84	162	2.3
370	RATLAM	BAJNA	RATANGARH PITH	DW	23.3364	74.7131	7.77	512	0	226	32	13	6	0.32	0.0	230	50	26	19	1.2
371	RATLAM	BAJNA	RAJAPUR	DW	23.3410	74.7300	8.02	588	0	275	32	3	10	0.56	0.0	235	88	4	32	4.2
372	RATLAM	JAORA	RAMNAGAR	DW	23.5370	75.2550	7.84	1477	0	189	315	32	66	0.24	0.0	525	164	28	78	1.6
373	RATLAM	JAORA	DHODHAR	DW	23.7750	75.1090	8.03	1089	0	482	62	27	24	0.43	0.2	300	44	46	125	2.6
374	RATLAM	JAORA	MINDLI	DW	23.6900	75.2920	8.06	1128	0	500	80	42	5	1.17	0.0	480	102	55	54	3.4
375	RATLAM	PIPLODA	SOHANGARH	DW	23.5800	75.0800	7.92	776	0	378	32	26	42	0.23	0.1	360	50	57	28	3.4
376	RATLAM	PIPLODA	RANKODA	DW	23.6130	74.9640	8.12	1248	0	293	195	21	76	0.41	0.0	185	44	18	190	2.5
377	RATLAM	RATLAM	MESWASA NEW	DW	23.4953	75.0672	7.99	945	0	366	60	14	77	1.23	0.2	360	100	27	58	2.7
378	RATLAM	RATLAM	RATTAGARHKHERA	DW	23.1390	75.2160	7.99	905	0	360	62	20	35	0.56	0.0	355	88	33	43	3.6
379	RATLAM	RATLAM	DHARAD	DW	23.2500	75.1080	8.01	888	0	281	87	25	60	0.42	0.0	245	64	21	88	2.3
380	RATLAM	ROATI	BAJRANGARH	DW	74.7380	23.3043	8.1	640	0	342	37	14	29	0.45	0.2	180	44	17	75	3.2
381	RATLAM	SAILANA	CHHAWANI JHODIYA	DW	74.7611	23.3425	7.89	745	0	354	37	12	3	0.56	0.0	305	64	35	21	4.2
382	REWA	DEOTALAB	PALIADUBAN	DW	81.6589	24.6779	7.94	998	0	494	70	12	5	0.45	0.1	370	74	45	79	3.2
383	REWA	Hanumana	HARDI	DW	81.9669	24.7678	7.56	643	0	293	50	2	2	0.15	0.1	250	52	29	36	1.2
384	REWA	HANUMANA	MADHA	DW	24.7410	82.0460	7.73	802	0	238	102	30	4	0.07	0.0	280	72	24	49	2.3
385	REWA	Hanumana	CHARAIYA	DW	82.0106	24.4651	7.75	401	0	140	20	24	11	0.16	0.0	115	40	4	33	2.4
386	REWA	Hanumana	CHOUHANA	DW	81.9661	24.7022	8.04	580	0	293	15	5	4	0.23	0.0	200	40	24	36	2.3
387	REWA	JAWA	SENHUDA	DW	25.0300	81.3650	8.09	1345	0	647	100	10	13	1.04	0.2	565	76	91	63	3.2
388	REWA	Mangawan	BARROHA	DW	81.7453	24.8100	8.06	770	0	439	20	2	9	0.38	0.0	260	62	26	65	2.6
389	REWA	MAUGANJ	MAUGANJ1	DW	24.6750	81.8890	7.7	376	0	122	50	4	6	0.11	0.0	140	30	16	22	2.4
390	REWA	MAUGANJ	PAHADI	DW	24.7500	81.8861	7.71	1905	0	433	352	45	49	0.25	0.0	495	144	33	194	23.2
391	REWA	MAUGANJ	SITAPUR	DW	24.5530	81.7700	7.98	745	0	262	62	22	13	0.39	0.0	210	56	17	65	1.5
392	REWA	NAIGARHI	AMBI	DW	24.8112	81.7151	7.96	712	0	384	20	2	2	0.27	0.0	265	58	29	45	2.7
393	REWA	RAIPUR KARCHULIYAN	SAGRA	DW	24.6111	81.3624	7.67	1189	0	317	87	180	8	0.3	0.3	525	184	16	36	1.3
394	REWA	RAIPUR KARCHULIYAN	GURH	DW	24.5000	81.5010	7.9	795	0	397	32	12	28	0.09	0.0	305	78	27	45	3.1
395	REWA	REWA	AMILKI	DW	24.4250	81.3080	7.71	974	0	354	62	92	6	0.34	0.0	390	120	22	44	2.4
396	REWA	SIRMOUR	BARA	DW	24.8210	81.0940	8	802	0	281	30	80	2	0.42	0.0	220	50	23	65	2.4
397	REWA	Sirmour	LALGANJ	DW	81.7958	24.7842	8.05	584	0	226	45	18	4	0.12	0.0	200	38	26	34	1.6
398	REWA	Sirmour	KHAROULI	DW	81.3731	24.8200	8.2	1048	0	403	80	86	3	1.24	0.1	440	88	54	51	2.4
399	SAGR	BANDA	BEHROL	DW	24.0500	78.7460	7.83	492	0	214	40	11	24	0.74	0.0	237	51	26	14	0.7
400	SAGR	BANDA	BARA	DW	24.0400	79.1540	7.85	545	0	244	22	10	18	0.49	0.0	242	62	21	15	0.9
401	SAGR	BINA	BERKHARI	DW	23.8564	78.6531	6.8	640	0	231	20	47	24	0.49	0.0	258	37	40	16	0.5
402	SAGR	DEORI	KOPLA BLOCK DEOI	DW	23.4903	79.0611	8.09	600	0	308	17	18	28	0.61	0.0	281	37	46	21	1.1
403	SAGR	JAISINAGAR	JAISINGH NAGAR	DW	23.6260	78.5750	7.98	890	0	325	104	48	43	0.35	0.0	351	60	49	60	5
404	SAGR	JAISINAGAR	BARODA	DW	23.7158	78.7058	8.03	842	0	340	121	8	7	0.68	0.0	409	47	71	20	1.1
405	SAGR	KHURAI	KULWAI	DW	24.1169	78.2703	8.15	675	0	393	17	6	21	0.69	0.0	247	24	45	55	1.3
406	SAGR	MALTHON	BAMORI BIKA NEW	DW	24.2456	78.4328	7.81	1176	0	305	168	11	123	0.1	0.0	567	113	69	20	0.6
407	SAGR	MALTHON	BARODIA	DW	24.2160	78.5830	7.96	720	0	353	52	22	12	0.25	0.0	350	34	64	19	0.6
408	SAGR	MALTHON	BAMHORI LAL	DW	24.2460	78.4330	8.04	985	0	427	99	21	28	0.53	0.0	459	60	75	37	0.6
409	SAGR	RAHATGARH	RAHATGARH	DW	23.7880	78.4180	7.76	930	0	387	114	29	7	0.19	0.0	452	66	70	25	0.6

410	SAGAR	RAHATGARH	NARYAWALI	DW	23.9060	78.5930	7.98	1325	0	475	183	30	24	0.25	0.0	407	120	26	100	80
411	SAGAR	RAHATGARH	JARUAKHERA	DW	23.9730	78.4820	8	1285	0	536	158	52	37	0.11	0.0	567	106	73	62	1.6
412	SAGAR	RAHATGARH	HURRA	DW	23.7280	78.4050	8.05	883	0	350	79	35	60	0.17	0.0	437	41	81	22	0.5
413	SAGAR	REHLI	GARHAKOTA	DW	23.7840	79.1290	7.7	1610	0	665	121	51	0	0.62	0.0	647	225	21	87	5.3
414	SAGAR	REHLI	PARSIYA	DW	23.7920	79.0710	7.81	550	0	217	62	13	35	0.22	0.0	206	49	20	38	7.2
415	SAGAR	REHLI	PIPARIA NARSING	DW	23.6620	78.9960	7.88	390	0	190	27	12	0	0.43	0.0	154	42	12	24	2.4
416	SAGAR	REHLI	REHLI	DW	23.6410	79.0650	8	1585	0	601	183	26	130	0.35	0.0	619	77	104	115	1.1
417	SAGAR	SAGAR	BHILLAINYA	DW	23.6769	78.8169	7.57	420	0	220	22	8	0	0.14	0.0	196	27	31	15	0.5
418	SAGAR	SAGAR	REHPURA	DW	23.7160	78.8140	7.82	582	0	194	82	22	3	0.14	0.0	253	62	24	22	1.6
419	SAGAR	SAGAR	MAINPANI	DW	23.7903	78.7847	8.09	785	0	366	47	36	23	0.69	0.0	361	39	64	24	3.6
420	SAGAR	SAGAR	SAGAR	DW	23.8330	78.7680	8.12	780	0	424	35	19	0	0.19	0.0	356	37	64	26	2.9
421	SAGAR	SHAHNAGAR	HIRAPUR	DW	24.3660	79.2110	7.51	1630	0	409	265	137	97	0.37	0.0	686	147	77	95	2.1
422	SAGAR	SHAHNAGAR	DALPATPUR	DW	24.1340	79.0170	7.84	990	0	303	134	58	48	0.02	0.0	458	100	50	34	6.3
423	SATNA	Unchahara	KONIA JHARI	DW	80.8808	24.7353	7.89	1227	0	470	82	30	5	1.13	0.0	410	90	45	65	5.2
424	SATNA	MAIIHAR	JHUKEDI	DW	24.0040	80.4260	7.7	1280	0	397	182	52	2	0.39	0.0	330	80	32	154	1.6
425	SATNA	MAIIHAR	NARAURA	DW	24.2770	80.8410	8.01	769	0	207	65	104	5	0.1	0.0	315	100	16	27	3.2
426	SATNA	MAIIHAR	SABHAGANJ	DW	24.0350	80.4560	8.14	773	0	348	55	22	3	0.38	0.0	255	68	21	61	2.4
427	SATNA	MAJHGAWAN	MAJHAGAWA	DW	24.9110	80.8130	7.81	957	0	360	92	30	23	0.6	0.0	375	64	52	45	2.8
428	SATNA	MAJHGAWAN	CHOWRAHA	DW	24.9780	80.7980	7.9	546	0	244	40	18	4	0.15	0.1	210	48	22	31	1.5
429	SATNA	NAGOD	PATWARA	DW	24.5530	80.6210	7.55	2086	0	525	287	122	23	0.12	0.0	415	84	50	222	78
430	SATNA	RAMNAGAR	DEVRA	DW	24.1940	80.9970	8.05	945	0	384	62	104	2	0.21	0.0	345	62	46	78	1.3
431	SATNA	RAMPUR-BAGHELAN	CHORHATA	DW	24.3880	80.9170	7.82	2110	0	647	222	30	60	0.12	0.0	570	150	47	135	83
432	SEHORE	ASTHA	JHILELA	DW	22.9980	76.5597	7.51	808	0	378	47	34	9	0.24	0.0	365	90	34	26	1.3
433	SEHORE	BUDNI	BAYAN	DW	22.7340	77.5560	7.07	755	0	250	72	28	41	0.51	0.0	315	86	24	27	1.9
434	SEHORE	BUDNI	MALIBAYAN	DW	22.7510	77.4540	7.11	598	0	275	40	22	7	0.37	0.0	225	58	19	40	0.4
435	SEHORE	ICHHAWAR	ICHHAWAR	DW	23.0320	77.0190	7	1775	0	421	327	52	38	0.34	0.0	700	228	32	75	1.3
436	SEHORE	ICHHAWAR	BORDI	DW	22.9730	77.0860	7.3	362	0	183	7	20	12	0.28	0.0	165	44	13	14	0.8
437	SEHORE	NASRULLAGANJ	RAFIQUEGANJ	DW	22.8135	77.1716	7.68	875	0	293	67	78	26	0.83	0.0	350	92	29	44	0.7
438	SEHORE	SEHORE	SEHORE1	DW	23.1620	77.0560	7.14	787	0	427	35	24	7	0.26	0.0	370	102	28	28	1.4
439	SEHORE	SEHORE	HEERAPUR	DW	23.1430	77.1730	7.56	922	0	415	67	24	35	0.82	0.0	200	48	19	124	1
440	SEHORE	SEHORE	CHANDBAR	DW	23.3180	77.0470	8.27	565	0	67	97	50	27	0.65	0.0	30	6	4	108	0.9
441	SEONI	BARGHAT	ARI	DW	21.9472	79.7119	7.77	1502	0	433	282	41	2	0.19	0.0	660	182	50	64	2.2
442	SEONI	BARGHAT	DHARAMKUAN	DW	21.8750	79.7617	7.83	1025	0	482	72	13	4	0.38	0.0	225	44	28	132	3
443	SEONI	BARGHAT	KAURIA	DW	22.0172	79.8431	8.14	726	0	201	80	46	43	0.51	0.0	215	68	11	69	1.5
444	SEONI	BARGHAT	BORGHAT	DW	22.0328	79.7472	8.15	745	0	226	80	50	37	0.34	0.0	255	76	16	62	1.3
445	SEONI	CHHAPARA	GHUNAI	DW	22.4411	79.5653	8.11	542	0	262	20	19	5	0.35	0.2	215	40	28	26	2
446	SEONI	DHANORA	KHAMARIA	DW	22.5986	79.7911	7.88	689	0	305	32	23	25	0.38	0.0	240	52	27	45	2
447	SEONI	DHANORA	KUDARI	DW	22.4075	79.8125	7.89	1025	0	384	90	25	41	0.57	0.0	382	92	37	58	2
448	SEONI	GHANSOUR	KUDOPAR	DW	22.6381	80.0353	8.23	545	0	226	30	33	3	1.32	0.0	190	40	22	39	5
449	SEONI	GHANSOUR	MASURBHANWARI	DW	22.6375	80.1439	8.28	845	0	348	52	38	14	0.34	0.2	305	72	30	49	5
450	SEONI	KEOLARI	UGLI	DW	22.2575	80.0631	7.65	666	0	293	42	20	4	1.19	0.0	185	54	12	66	1.1

451	SEONI	KEOLARI	DHANGADA	DW	22.3208	79.8614	7.92	948	0	305	112	49	32	0.8	0.0	350	96	27	62	3.2
452	SEONI	KEOLARI	KEOLARI	DW	22.3714	79.9108	8.12	426	0	110	50	42	2	0.3	0.0	130	26	16	42	3.1
453	SEONI	KURAI	SUKTARA	DW	21.9342	79.5231	7.53	243	0	79	30	5	6	0.2	0.0	80	20	7	18	3.2
454	SEONI	KURAI	PIPARIA1	DW	21.7828	79.4878	7.81	729	0	366	25	21	3	0.28	0.0	260	66	23	51	2.1
455	SEONI	KURAI	KHAWASA	DW	21.7619	79.4719	7.93	589	0	305	25	5	4	0.29	0.1	205	46	22	43	2.3
456	SEONI	LAKHNADON	MADAI	DW	22.5403	79.5950	7.59	383	0	140	30	40	5	0.68	0.0	145	32	16	28	3.4
457	SEONI	LAKHNADON	MAKARJHIR	DW	22.6906	79.6833	7.84	989	0	427	67	43	2	0.38	0.1	350	86	33	68	1.2
458	SEONI	LAKHNADON	GHARGHATIA	DW	22.6728	79.7897	8.15	315	0	134	20	19	5	0.12	0.0	135	30	15	13	2.2
459	SEONI	LAKHNADON	GAURABIBI NEW	DW	22.7200	79.4961	8.19	412	0	183	20	15	8	0.42	0.0	135	24	18	31	1.3
460	SEONI	SEONI	NANDORA	DW	22.0200	79.5369	7.64	444	0	195	30	14	4	0.8	0.0	160	36	17	29	2.1
461	SEONI	SEONI	BAMANDEHI	DW	22.0461	79.5797	7.65	268	0	140	10	2	3	0.29	0.0	110	38	4	12	1.4
462	SEONI	SEONI	RAHIWARA	DW	22.2203	79.5356	7.78	645	0	323	20	23	4	0.55	0.1	220	54	21	49	1.2
463	SEONI	SEONI	PALARI	DW	22.3081	79.8092	8.06	745	0	348	37	34	2	0.47	0.0	275	66	27	45	2.7
464	SEONI	SEONI	BAMHODI	DW	22.0644	79.6581	8.11	485	0	195	50	13	4	0.6	0.0	175	32	23	35	1.9
465	SHAHDOL	BEOHARI	BEOHARI	DW	23.9948	81.3742	6.86	556	0	123	101	5	2	0.1	0.0	129	26	16	56	1.1
466	SHAHDOL	BURHAR	BAHGAD	DW	23.3550	81.6670	6.92	586	0	111	87	15	50	0.11	0.0	218	55	19	27	2.9
467	SHAHDOL	BURHAR	BURHAR NEW	DW	23.2209	81.5243	6.99	383	0	105	52	3	2	0.14	0.0	144	46	7	14	0.8
468	SHAHDOL	BURHAR	BHIKHAMPUR NEW	DW	23.4417	81.6721	7.12	612	0	173	79	6	52	0.2	0.2	262	75	18	19	4.4
469	SHAHDOL	BURHAR	KHARLA	DW	23.2838	81.6027	7.45	400	0	191	20	13	1	0.44	0.0	149	44	10	21	7.4
470	SHAHDOL	BURHAR	BANDHUA TOLA	DW	23.4320	81.6890	7.51	603	0	277	35	20	1	0.23	0.0	277	46	40	17	0.3
471	SHAHDOL	BURHAR	KOTRI NEW	DW	23.4573	81.7203	7.51	270	0	117	27	7	1	0.28	0.0	124	34	10	9	2.6
472	SHAHDOL	BURHAR	KHAMHIDOL	DW	23.3690	81.7320	7.57	1310	0	345	173	60	48	0.31	0.0	322	109	12	132	14.3
473	SHAHDOL	BURHAR	GIRWAH NEW	DW	23.2597	81.6976	7.68	978	0	351	121	18	2	0.52	0.2	287	42	45	84	18.7
474	SHAHDOL	GOHPARU	SARSI	DW	23.5810	81.4010	6.62	125	0	37	12	9	4	0.1	0.0	50	14	4	5	3.2
475	SHAHDOL	GOHPARU	GOHPARU NEW	DW	23.4859	81.4057	7.42	562	0	222	54	7	1	0.3	0.0	228	65	16	22	1.8
476	SHAHDOL	JAISINGHNAGAR	UMARKHOHI	DW	23.8560	81.4940	6.72	254	0	105	10	7	16	0.16	0.0	89	22	8	13	6.7
477	SHAHDOL	JAISINGHNAGAR	AMJHOR NEW	DW	23.6676	81.5400	6.87	542	0	62	114	35	45	0.1	0.0	203	53	17	35	7.1
478	SHAHDOL	JAISINGHNAGAR	SIDI	DW	23.6920	81.6650	6.97	725	0	203	104	27	17	0.13	0.0	267	79	17	33	16.6
479	SHAHDOL	JAISINGHNAGAR	KARKI	DW	23.8080	81.3880	7.12	631	0	191	45	58	28	0.2	0.0	203	46	22	35	29.6
480	SHAHDOL	JAISINGHNAGAR	TIKHI NEW	DW	23.9340	81.3628	7.29	912	0	456	45	26	2	0.67	0.0	332	79	33	55	7.3
481	SHAHDOL	JAISINGHNAGAR	KANADI KHURD NEW	DW	23.7625	81.3460	7.31	715	0	283	57	12	14	0.28	0.0	248	51	29	20	51.7
482	SHAHDOL	JAISINGHNAGAR	DEORI	DW	81.2889	23.7472	7.42	1585	0	573	116	56	135	0.25	0.4	356	125	11	110	160
483	SHAHDOL	JAISINGHNAGAR	BHURKA	DW	23.7140	81.3760	7.52	767	0	382	37	15	1	0.57	0.0	262	59	28	53	4
484	SHAHDOL	JAISINGHNAGAR	JAISINGHNAGAR NEW	DW	23.6895	81.3909	7.65	1045	0	302	131	22	74	0.33	1.2	292	71	28	63	87.2
485	SHAHDOL	SOHAGPUR	SHAHDOL	DW	23.2990	81.3600	7.32	945	0	401	67	40	1	0.45	0.2	337	101	20	54	8.5
486	SHAHDOL	SOHAGPUR	KANCHANPUR NEW	DW	23.2572	81.4611	7.55	1259	0	364	181	46	24	0.41	0.0	312	103	13	106	69.5
487	SHAHDOL	SOHAGPUR	SINGHPUR NEW	DW	23.2085	81.4177	7.55	1482	0	437	129	120	75	0.25	2.0	337	85	30	116	114
488	SHAJAPUR	KALAPIPAL	NANDNI	DW	23.3180	76.9380	7.66	710	0	345	15	12	36	0.59	0.0	289	73	26	28	0.83
489	SHAJAPUR	KALAPIPAL	KHOKHRA KALAN	DW	23.4664	76.9730	7.67	902	0	308	70	25	45	0.34	0.0	343	78	36	35	1.39
490	SHAJAPUR	MOMAN BADODIYA	SIMROL	DW	23.3327	76.4898	7.4	1380	0	444	137	83	14	0.14	0.2	368	94	32	68	113

491	SHAJAPUR	MOMAN BADODIYA	SALSALAI	DW	23.4640	76.5380	7.48	1375	0	616	107	8	5	0.45	0.0	485	137	35	83	7.94
492	SHAJAPUR	SHAJAPUR	MAJHANIA	DW	23.4480	76.3210	7.56	775	0	407	20	10	3	0.32	0.0	314	82	26	25	2.9
493	SHAJAPUR	SHAJAPUR	TILAWAD GOVIND	DW	23.3100	76.3330	7.6	865	0	222	65	80	52	0.67	0.0	201	55	15	92	1.1
494	SHAJAPUR	SHUJALPUR	MORTA KEWARI	DW	23.2570	76.5540	7.74	1275	0	407	87	87	62	0.51	0.0	422	94	45	87	1.8
495	SHEOPUR	KARAHAL	KARAHAL	DW	25.4931	77.0569	6.85	755	0	195	27	75	96	0.22	0.0	280	80	19	40	1.1
496	SHEOPUR	KARAHAL	GORAS	DW	25.5344	76.9450	6.95	452	0	189	32	13	3	0.16	0.0	180	50	13	19	1.3
497	SHEOPUR	KARAHAL	NONPURA	DW	25.5222	77.1314	6.97	1150	0	458	92	42	6	0.3	0.0	410	76	54	72	0.5
498	SHEOPUR	KARAHAL	PAHEDA	DW	25.4239	76.8872	7.31	1542	0	171	50	24	14	0.11	0.0	130	32	12	55	2.6
499	SHEOPUR	SHEOPUR	PANDOLA	DW	25.5458	76.6444	7.17	2420	0	622	277	125	32	0.73	0.2	530	64	90	265	5.9
500	SHEOPUR	SHEOPUR	BARODA NEW	DW	25.4906	76.6558	7.22	1455	0	354	181	125	25	0.78	0.0	445	72	64	125	0.3
501	SHEOPUR	SHEOPUR	RAJPURA	DW	25.7100	76.6808	7.35	1215	0	342	124	35	105	0.34	0.0	345	88	30	113	0.7
502	SHEOPUR	SHEOPUR	BHAGWARA	DW	25.6733	76.6147	7.45	1802	0	415	183	205	59	0.73	0.0	465	104	50	195	0.5
503	SHEOPUR	SHEOPUR	FILOJPURA	DW	25.5850	76.6650	7.55	1645	0	561	166	16	120	0.76	0.0	330	48	51	230	4.8
504	SHEOPUR	VIJAYPUR	GHASWANI	DW	25.8917	77.5061	6.79	1642	0	268	203	172	108	0.25	0.0	425	126	27	170	2.8
505	SHEOPUR	VIJAYPUR	SHYAMPUR	DW	26.0811	77.0342	6.9	1818	0	287	208	155	200	0.28	0.1	445	92	52	198	5.2
506	SHEOPUR	VIJAYPUR	HARKUI	DW	26.1589	77.1792	6.92	1695	0	372	200	21	212	0.25	0.0	635	90	100	77	0.2
507	SHEOPUR	VIJAYPUR	GARHII	DW	26.1200	77.3058	7.11	905	0	354	37	65	32	0.32	0.0	300	70	30	70	0.2
508	SHEOPUR	VIJAYPUR	PURA	DW	25.9533	76.9914	7.86	1290	0	268	126	22	205	0.18	0.0	520	108	61	40	1.1
509	SHIVPURI	KARERA	AWAS	DW	25.4730	78.3510	7.2	792	0	256	45	42	53	1.03	0.0	290	66	30	38	0.07
510	SHIVPURI	KARERA	SIKANDARA	DW	25.4720	78.3650	7.3	635	0	207	25	40	50	0.72	0.0	230	64	17	30	0.9
511	SHIVPURI	KHANIYADHANA	SITAPUR	DW	25.1330	78.2070	7.03	722	0	226	47	14	88	0.38	0.0	335	102	19	5.5	0.5
512	SHIVPURI	KHANIYADHANA	BAMORKALAN NEW	DW	24.8860	78.1510	7.17	1010	0	238	129	13	91	0.93	0.0	405	76	52	32	4
513	SHIVPURI	KHANIYADHANA	SHUBASPURA	DW	25.7353	77.7475	7.33	725	0	329	37	15	22	0.42	0.0	300	62	35	28	0.93
514	SHIVPURI	NARWAR	SEHORE	DW	25.6650	78.1060	7.48	3175	0	628	621	38	120	0.34	0.0	1140	336	73	195	8.92
515	SHIVPURI	PICHHORE	SEMRI	DW	25.1820	78.1120	7.4	852	0	268	59	35	88	0.23	0.0	320	98	18	42	1.62
516	SHIVPURI	POHARI	AIPURA	DW	25.6470	77.4100	7.37	2025	0	336	302	70	165	0.45	0.0	530	92	73	195	4.3
517	SHIVPURI	SHIVPURI	BHAGORA	DW	25.4180	77.7600	7.4	2855	0	415	220	250	120	0.32	0.0	850	200	85	92.3	4.7
518	SIDHI	DEOSAR	MAHUA GAON	DW	24.0470	81.9470	7.73	684	0	317	52	6	3	0.23	0.0	310	72	32	22	3.5
519	SIDHI	DEOSAR	TIKRI	DW	24.1620	81.8630	8.01	560	0	195	55	10	30	0.14	0.0	210	50	21	36	2.4
520	SIDHI	KUSMI	KODAR	DW	23.9772	81.9694	7.52	326	0	61	40	10	51	0.15	0.1	115	32	9	22	2.6
521	SIDHI	KUSMI	BASTUA	DW	23.9867	81.7086	7.7	845	0	384	37	13	36	0.12	0.0	230	58	21	86	1.2
522	SIDHI	KUSMI	TAMSAR	DW	24.0350	81.9070	7.95	1064	0	348	180	18	3	0.25	0.2	360	98	28	92	2.6
523	SIDHI	KUSMI	DHUANDOL	DW	24.1017	81.8478	8.02	725	0	354	25	28	7	0.58	0.0	260	64	24	46	2.6
524	SIDHI	MAJHAULI	NOUDHIYA SHIKARGAH	DW	24.1867	81.4875	7.73	512	0	207	27	26	21	0.12	0.0	235	48	28	15	4.5
525	SIDHI	MAJHOLI	PARSILLI	DW	24.1467	81.4883	7.93	776	0	342	27	48	5	0.13	0.0	265	52	33	56	1.6
526	SIDHI	MAJHOLI	MAJHAULI	DW	24.1200	81.6300	7.97	1129	0	439	102	10	3	0.43	0.0	415	112	33	48	3.2
527	SIDHI	MAJHOLI	SEMARIHA	DW	24.1328	81.5522	8.1	946	0	427	60	6	32	0.57	0.0	290	54	38	82	2.4
528	SIDHI	RAMPUR NAIKIN	BAGHWAR	DW	24.3311	81.3792	8.03	638	0	342	27	5	4	0.54	0.0	270	72	22	32	3.5
529	SIDHI	RAMPUR NAIKIN	CHOURHAT	DW	24.4250	81.6733	8.12	710	0	281	80	8	3	0.35	0.0	245	56	26	55	2.7
530	SIDHI	SIDHI	CHOUPHAL	DW	24.2890	81.7880	7.49	946	0	281	22	20	9	0.4	0.1	235	58	22	34	2.9
531	SIDHI	SIDHI	PATPARA	DW	24.4850	81.8903	7.73	812	0	378	37	26	2	0.2	0.0	290	84	19	48	2.6

532	SIDHI	SIDHI	GADA KHOH	DW	81.8025	24.3294	8.01	846	0	476	22	5	3	0.23	0.0	395	104	33	18	4.6
533	SIDHI	SIHAWAL	BAHARI	DW	24.4467	82.1708	7.72	712	0	336	27	28	7	0.29	0.2	255	64	23	45	3.2
534	SIDHI	SIHAWAL	SIHAWAL	DW	24.5617	82.2392	7.76	991	0	445	80	10	7	0.12	0.0	305	88	21	89	3.1
535	SIDHI	SIHAWAL	KUCHWAHI	DW	24.4061	81.9769	7.92	745	0	366	30	4	10	0.12	0.0	285	70	27	43	3
536	SINGRAULI	CHITRANGI	BICHHIYA	DW	24.4185	82.2842	7.85	671	0	336	37	8	3	0.12	0.0	270	64	27	41	1.3
537	SINGRAULI	CHITRANGI	GODWALD	DW	24.2181	82.5057	7.95	1080	0	384	117	36	23	1.04	0.2	360	70	45	82	2.3
538	SINGRAULI	CHITRANGI	SHERWA	DW	24.4612	82.4566	8.02	473	0	226	27	6	2	0.67	0.0	170	46	13	31	2.4
539	SINGRAULI	CHITRANGI	KHIRWA	DW	24.2352	82.6514	8.17	802	0	397	37	12	4	0.53	0.0	195	34	27	95	1.4
540	SINGRAULI	DEOSAR	BARSEDA	DW	24.0780	81.9630	7.53	378	0	146	20	28	4	0.19	0.1	130	34	11	25	3.1
541	SINGRAULI	DEOSAR	BANJARI	DW	24.0878	81.9303	7.61	830	0	281	112	10	23	0.19	0.0	305	94	17	54	1.8
542	SINGRAULI	WAIDHAN	JATTHA TOLA	DW	24.0472	82.2558	7.04	302	0	153	20	2	4	0.14	0.1	100	20	12	26	2.3
543	SINGRAULI	WAIDHAN	MAHEDIYA	DW	24.2120	82.5487	7.66	901	0	293	70	44	35	0.15	0.0	300	104	10	58	1.6
544	SINGRAULI	WAIDHAN	PARSAUNA NEW	DW	24.0892	82.5575	7.79	545	0	201	37	52	2	0.12	0.0	170	58	6	49	1.9
545	SINGRAULI	WAIDHAN	CHAURA	DW	24.0111	82.4717	8.07	845	0	366	90	5	3	0.12	0.0	190	36	24	112	2.1
546	SINGRAULI	WAIDHAN	GORBI	DW	24.2061	82.5954	8.1	786	0	256	60	66	2	0.53	0.0	245	52	28	54	3.2
547	TIKAMGARH	BALDEOGARH	MANIKPUR	DW	24.8481	79.1706	7.03	612	0	281	22	10	33	0.9	0.0	250	74	16	28	1.8
548	TIKAMGARH	JATARA	DIGAPURA	DW	24.9710	78.8390	7.39	1056	0	311	140	42	38	1.13	0.0	335	98	22	89	2.7
549	TIKAMGARH	JATARA	BAWARI	DW	24.9200	78.8386	7.46	623	0	262	50	15	5	0.59	0.0	265	82	15	25	2.1
550	TIKAMGARH	JATARA	JATARA	DW	25.0031	79.0475	7.55	1045	0	519	47	26	7	0.38	0.0	255	60	26	125	2.2
551	TIKAMGARH	NIWARI	ORCHHA	DW	25.3494	78.6411	7.57	915	0	403	60	38	21	1.07	0.0	390	84	44	39	0.8
552	TIKAMGARH	PRITHVIPUR	NENGAWAN	DW	25.2547	78.6733	7.3	1256	0	354	150	43	90	0.94	0.0	440	108	41	95	3
553	TIKAMGARH	PRITHVIPUR	PRITHIPUR	DW	25.2061	78.7539	7.45	1188	0	360	142	35	65	0.61	0.0	360	76	41	112	1.2
554	TIKAMGARH	PRITHVIPUR	BIRORAKHET	DW	25.1150	78.7917	7.61	488	0	244	20	6	5	0.87	0.2	190	38	23	31	0.7
555	TIKAMGARH	TIKAMGARH	TIKAMGARH	DW	24.7440	78.8380	7.34	1604	0	372	355	45	11	0.95	0.0	590	168	41	125	0.4
556	TIKAMGARH	TIKAMGARH	KUNDESHWAR	DW	24.6975	78.7983	7.65	845	0	403	27	12	44	1.1	0.0	290	56	36	70	0.8
557	TIKAMGARH	TIKAMGARH	REHLI	DW	24.6410	79.0650	7.94	756	0	342	32	14	46	1.2	0.0	205	30	32	83	1.2
558	UJJAIN	BADNAGAR	CHHOTI GHADSOD NEW	DW	23.1103	75.4556	8.08	1798	0	311	337	70	111	0.46	0.0	490	184	7	189	3.2
559	UJJAIN	BADNAGAR	KHAROTIA NEW	DW	23.1617	75.6286	8.15	1377	0	512	152	51	80	0.98	0.0	430	122	30	148	2.6
560	UJJAIN	GHATIA	RUIE NEW	DW	23.2831	75.6600	7.95	1299	0	311	180	54	108	0.42	0.1	440	118	35	102	1.2
561	UJJAIN	KHACHROD	KACHORD NEW	DW	23.4253	75.2861	8.14	1649	0	415	300	35	18	1	0.0	465	158	17	165	1.5
562	UJJAIN	KHCHROD	UNHEL	DW	23.3356	75.5494	8.11	1400	0	378	195	73	61	0.42	0.1	475	144	28	112	2.1
563	UJJAIN	MAHIDPUR	BAIJNATH	DW	23.6028	75.7589	7.84	1845	0	433	330	55	55	0.56	0.0	560	174	30	174	1.2
564	UJJAIN	MAHIDPUR	DELCHI BUZURG	DW	23.5325	75.5708	8.02	1885	0	531	300	34	49	0.89	0.0	610	196	29	153	3.2
565	UJJAIN	MAHIDPUR	MAHIDPURTOWN	DW	23.4894	75.6653	8.06	1102	0	378	112	28	58	0.56	0.0	370	118	18	85	2.2
566	UJJAIN	MAHIDPUR	KHERA KHAJURIA	DW	23.4617	75.7961	8.1	1456	0	415	237	35	4	0.76	0.2	430	144	17	142	2.3
567	UJJAIN	TARANA	RUPAKHEDI	DW	23.4731	75.9714	7.56	988	0	262	127	55	53	0.85	0.0	390	124	19	58	2.4
568	UJJAIN	TARANA	SUMRA KHEDA	DW	23.2667	76.0617	7.93	1413	0	195	277	83	44	0.62	0.2	425	106	39	112	5.2
569	UJJAIN	TARANA	MAKDON	DW	23.5022	76.0722	8.01	2063	0	439	380	87	15	0.29	0.0	615	180	40	182	3.2
570	UJJAIN	UJJAIN	VIJAYGANJ MANDI	DW	23.2217	75.9514	7.61	1212	0	317	205	58	15	0.49	0.0	430	144	17	88	2.5
571	UJJAIN	UJJAIN	UJJAIN NAGAR PALIKA	DW	23.1858	75.7822	7.89	1398	0	476	162	47	48	0.23	0.2	465	134	32	109	3.2
572	UJJAIN	UJJAIN	DABLA REHWARI	DW	23.2544	75.8156	8.2	942	0	390	45	26	59	0.23	0.2	365	144	1	44	2.3

573	UMARIA	KARKELI	KARKELI NEW	DW	23.4644	80.9064	7.35	594	0	195	55	9	10	0.21	0.0	125	44	4	65	2.1
574	UMARIA	KARKELI	BICHUA	DW	23.4656	80.7467	7.51	465	0	153	57	6	2	0.46	0.0	200	54	16	12	2.5
575	UMARIA	KARKELI	CHOTI PALI	DW	23.5958	80.7536	7.52	552	0	110	80	7	60	0.1	0.0	135	46	5	62	2.1
576	UMARIA	KARKELI	UMARIA	DW	23.5267	80.8347	7.77	489	0	195	32	8	25	0.47	0.2	115	42	2	58	2.9
577	UMARIA	MANPUR	PARASI	DW	23.6639	80.9411	7.13	285	0	85	17	23	18	0.05	0.0	95	30	5	13	8.1
578	UMARIA	MANPUR	DHAMOKHAR NEW	DW	23.6314	80.9228	7.3	561	0	232	37	6	50	0.19	0.0	265	76	18	12	1.1
579	UMARIA	MANPUR	PATAUR NEW	DW	23.7589	81.0317	7.68	542	0	268	35	12	7	0.39	0.2	175	24	28	53	3.9
580	UMARIA	PALI	ZERO ROAD	DW	23.3567	81.0836	7.44	826	0	317	85	6	25	0.7	0.0	150	30	18	116	8.5
581	UMARIA	PALI	GHUNGHTI NEW	DW	23.3492	81.1924	7.58	945	0	268	90	8	160	0.21	0.0	300	112	5	86	5.1
582	UMARIA	PALI	AMILIYA	DW	23.3219	81.2978	7.62	542	0	171	85	1	7	0.31	0.0	170	60	5	42	6.5
583	VIDISHA	GYARASPUR	GYARASPUR1	DW	23.6670	78.1140	7.47	980	0	342	135	3	18	0.27	0.5	310	102	13	85	1.3
584	VIDISHA	GYARASPUR	ATARI KHEJDA	DW	23.6150	78.0280	7.9	612	0	323	22	2	20	0.59	0.0	265	64	26	24	0.8
585	VIDISHA	LATERI	TAJPURA	DW	24.0620	77.2930	7.94	440	0	238	20	4	14	0.34	0.0	210	64	12	14	1.1
586	VIDISHA	NETERAN	NATERAN NEW	DW	23.7622	77.7753	8.05	1183	0	561	72	5	20	0.49	1.1	445	106	44	65	2.1
587	VIDISHA	SIRONJ	SIRONJ1	DW	24.0990	77.6890	7.83	990	0	384	92	6	2	0.37	0.0	325	92	23	76	4.9
588	VIDISHA	VIDISHA	PATTAN	DW	23.7250	77.6570	7.6	1256	0	439	185	3	6	0.28	0.0	325	86	27	140	5.6
589	VIDISHA	VIDISHA	IMALIYA	DW	23.5760	77.7810	7.92	2056	0	378	505	2	5	0.62	0.0	610	158	52	195	4.5

End of Results

Sl. No.	District	Block	Location	Source	Lat.	Long.	pH at 25°C	EC μS/cm at 25°C	mg/L													
									CO3	HCO3	Cl	SO4	NO3	F	PO4	TH	Ca	Mg	Na	K		
1	AGAR MALWA	AGAR	KANAD	DW	76.1740	23.6680	7.61	1250	0	549	64	17	42	0.34	0.27	485	135	36	60	0.8		
2	AGAR MALWA	AGAR	KASHI BARDIYA	DW	76.0440	23.7730	7.98	1198	0	525	47	42	43	0.86	0.00	287	83	19	140	0.6		
3	AGAR MALWA	BADOD	JHOUNTA	DW	75.9460	23.7330	7.16	1220	0	317	161	85	32	0.2	0.00	535	147	41	33	2.0		
4	AGAR MALWA	BADOD	JAHANGIRPURA	DW	75.8000	23.8190	7.47	875	0	323	94	8	26	0.12	0.18	356	105	23	35	2.2		
5	AGAR MALWA	BADOD	MATKOTRA	DW	75.8530	23.7390	7.69	1365	0	543	104	20	60	0.81	0.00	569	149	48	51	0.5		
6	AGAR MALWA	NALKHEDA	NALKHEDA	DW	76.2440	23.8360	7.59	1005	0	372	101	22	28	0.77	0.00	436	83	55	30	0.9		
7	AGAR MALWA	SUSNER	GURADI BANGLA	DW	76.1550	24.0800	7.38	1481	0	500	139	12	77	0.68	0.00	569	135	57	52	0.8		
8	AGAR MALWA	SUSNER	SUSNER NEW	DW	76.1010	23.9440	7.65	1095	0	354	119	13	58	0.25	0.00	297	83	22	105	0.7		
9	ALIRAJPUR	ALIRAJPUR	BORKUA	DW	74.3422	22.2236	7.88	788	0	397	40	6	12	1.25	0.10	280	72	24	42	3.2		
10	ALIRAJPUR	ALIRAJPUR	ALIRAJPUR	DW	74.3525	22.3094	7.95	1455	0	622	162	8	8	1.11	0.00	560	164	36	85	2.3		
11	ALIRAJPUR	JOBAT	BADAGUDA	DW	74.5172	22.4297	7.56	812	0	317	80	14	35	1.36	0.00	355	118	15	23	2.1		
12	ALIRAJPUR	KATHIWARA	KATHIWARA	DW	74.1503	22.4808	7.69	945	0	421	95	9	14	0.89	0.00	280	86	16	91	3.5		
13	ANUPPUR	ANUPPUR	FUNGA	DW	81.8230	23.1830	6.89	985	0	171	202	38	116	0.07	0.00	278	77	21	112	4.9		
14	ANUPPUR	ANUPPUR	ANUPPUR NEW	DW	81.7036	23.1158	7.12	424	0	238	15	10	2	0.42	0.00	182	44	17	21	1.5		
15	ANUPPUR	ANUPPUR	SAJAH	DW	81.6075	23.0267	7.37	735	0	384	40	12	5	0.14	0.00	328	91	25	27	4.0		
16	ANUPPUR	ANUPPUR	BARBASPUR	DW	81.9431	23.0992	7.56	312	0	49	62	5	27	0.12	0.00	91	26	6	29	1.3		
17	ANUPPUR	JAITHARI	DEOHARA	DW	81.5972	23.1431	7.12	549	0	171	50	26	13	0.24	0.00	162	46	11	49	1.3		
18	ANUPPUR	JAITHARI	JAMUDI	DW	81.6328	23.0664	7.19	528	0	268	17	8	6	1.29	0.00	187	48	16	31	5.0		
19	ANUPPUR	JAITHARI	LAPTA	DW	81.8894	22.9836	7.23	855	0	250	137	40	24	0.65	0.00	348	109	18	45	2.8		
20	ANUPPUR	JAITHARI	DHANGAON NEW	DW	81.8467	23.0433	7.26	303	0	85	32	12	9	0.92	0.00	45	12	4	41	3.0		
21	ANUPPUR	KOTMA	KOTMA	DW	81.9786	23.1958	7.23	569	0	165	72	14	40	0.17	0.00	197	53	16	39	6.0		
22	ANUPPUR	KOTMA	DEVGAWAN	DW	81.8961	23.2436	7.53	912	0	256	132	38	2	0.42	0.00	359	105	23	45	1.5		
23	ANUPPUR	KOTMA	JHIRIYATOLA NEW	DW	82.1039	23.2114	7.89	645	0	153	102	31	26	0.15	0.00	182	51	14	75	1.1		
24	ANUPPUR	PUSHPARAJGARH	AMARKANTAK	DW	81.7611	22.6744	7.05	165	0	43	15	3	31	0.09	0.00	61	20	2	12	0.5		
25	ANUPPUR	PUSHPARAJGARH	PODKI	DW	81.7290	22.7840	7.64	605	0	311	32	16	4	0.09	0.00	242	59	23	36	8.0		
26	ANUPPUR	PUSHPARAJGARH	BASANIHA	DW	81.6080	22.9310	7.68	688	0	342	45	8	7	0.16	0.00	253	73	17	46	4.0		
27	ANUPPUR	PUSHPRAJGARH	NOONGHATI	DW	81.6881	22.8364	7.25	251	0	110	12	5	7	0.27	0.00	91	28	5	15	3.0		
28	ANUPPUR	PUSHPRAJGARH	PIPRADA NEW	DW	81.6372	22.8611	7.62	512	0	256	22	9	3	0.18	0.00	202	46	21	21	4.0		
29	ASHOK NAGAR	CHANDERI	CHANDERI	DW	78.1360	24.7120	7.29	1155	0	415	122	10	40	0.18	0.00	232	61	20	150	8.0		
30	BALAGHAT	BAIHAR	MUKKI	DW	80.6720	22.1540	7.26	444	0	220	20	6	6	0.45	0.10	55	12	6	78	2.3		
31	BALAGHAT	BAIHAR	GARHI NEW	DW	80.7933	22.2322	7.56	656	0	275	65	12	8	0.68	0.00	105	30	7	98	4.2		
32	BALAGHAT	BALAGHAT	KANKI	DW	80.1520	21.8320	7.26	945	0	384	115	14	3	0.56	0.10	125	44	4	156	2.3		
33	BALAGHAT	BALAGHAT	SALETEKA NEW	DW	80.2250	21.7050	7.46	289	0	128	17	6	3	0.35	0.10	105	30	7	15	3.4		
34	BALAGHAT	BALAGHAT	MAGARDARTA	DW	80.1250	21.9660	7.69	412	0	140	30	29	26	1.23	0.00	130	42	6	32	2.5		
35	BALAGHAT	BALAGHAT	BALAGHAT	DW	80.1840	21.8130	7.83	545	0	159	87	12	6	0.65	0.00	130	38	9	65	2.6		
36	BALAGHAT	BIRSA	DAMOH2	DW	80.7950	21.8960	7.29	295	0	140	15	7	4	0.26	0.00	65	22	2	35	4.2		
37	BALAGHAT	BIRSA	MOHAGAON	DW	80.6810	22.0520	7.68	715	0	134	80	44	112	0.62	0.00	215	52	21	67	3.2		
38	BALAGHAT	KATANGI	BONKATTA	DW	79.7630	21.6060	7.68	565	0	159	65	46	9	0.89	0.10	210	70	9	32	2.5		
39	BALAGHAT	KATANGI	GARRAGHODA	DW	79.7860	21.6360	7.98	412	0	165	32	19	13	0.42	0.00	155	42	12	25	6.3		
40	BALAGHAT	KHAIRLANJI	RAMPALLI	DW	80.0170	21.6640	7.65	412	0	128	27	42	16	0.23	0.00	155	52	6	26	2.9		

41	BALAGHAT	KIRNAPUR	KIRNAPUR	DW	80.3290	21.6260	7.77	686	0	177	77	65	14	0.29	0.00	130	46	4	95	6.3
42	BALAGHAT	LANJI	DEVERBELI	DW	80.6600	21.6240	7.72	412	0	159	27	36	6	0.46	0.10	110	32	7	42	3.5
43	BALAGHAT	PARASWADA	PARASWARA	DW	80.3010	22.1760	7.35	412	0	140	17	23	46	0.45	0.00	130	42	6	29	2.3
44	BALAGHAT	PARASWADA	BAGHOLI	DW	80.3690	22.1420	7.65	412	0	128	22	14	56	0.36	0.00	105	24	11	36	4.2
45	BALAGHAT	PARASWADA	LAUGUR	DW	80.3520	21.9300	7.75	702	0	378	17	6	7	0.52	0.00	60	18	4	136	2.1
46	BALAGHAT	WARASEONI	NEWARGAON	DW	80.0460	21.8110	6.99	1242	0	458	115	56	6	1.26	0.10	375	84	40	111	2.4
47	BALAGHAT	WARASEONI	AMAI	DW	79.9520	21.6760	7.34	1045	0	421	102	45	12	1.12	0.00	210	64	12	142	3.2
48	BARWANI	NEWALI	NIWALI2	DW	74.9233	21.6825	7.88	1545	0	561	130	56	82	0.36	0.00	375	104	28	175	3.2
49	BARWANI	PANSEMAL	PANSEMAL	DW	74.7122	21.6683	7.63	898	0	189	155	39	59	0.11	0.00	260	70	21	86	2.3
50	BARWANI	PANSEMAL	DONWAHA	DW	74.7514	21.6414	7.65	945	0	195	147	32	56	0.09	0.00	205	62	12	112	1.9
51	BARWANI	RAJPUR	PALSUD	DW	74.9650	21.8230	7.98	1245	0	378	172	43	63	0.16	0.10	310	102	13	153	3.1
52	BARWANI	THIKRI	BARUPHATAK	DW	75.3030	21.9810	7.56	850	0	256	130	36	41	0.32	0.00	255	78	15	78	1.2
53	BETUL	ATHNER	GUJARMAAL	DW	77.9460	21.6300	7.12	1023	0	342	129	26	12	0.09	0.00	322	83	28	84	2.1
54	BETUL	BETUL	BETUL1	DW	77.9270	21.8600	7.52	1012	0	397	126	36	6	0.35	0.00	401	117	26	53	2.8
55	BETUL	BETUL	GADHA	DW	77.7480	21.9150	7.95	789	0	299	64	16	29	0.43	0.00	322	101	17	22	2.4
56	BETUL	BHAINSDEHI	JHALLAR	DW	77.7430	21.7260	7.68	1142	0	397	139	8	25	0.07	0.10	337	103	19	98	3.2
57	BETUL	GHODA DONGRI	SARNI	DW	78.1430	22.1180	7.35	823	0	256	89	56	35	0.26	0.10	257	61	25	72	3.2
58	BETUL	GHODA DONGRI	GHORADONGRI	DW	78.0050	22.1210	7.46	888	0	342	64	26	42	0.92	0.10	322	91	23	55	2.6
59	BETUL	PRABHAT PATTAN	JUNAPANI	DW	78.3530	21.7210	7.35	878	0	439	32	34	6	0.12	0.00	356	111	19	38	3.4
60	BETUL	PRABHAT PATTAN	PATTAN	DW	78.2660	21.6510	7.56	755	0	317	57	42	19	0.35	0.00	277	81	18	46	1.6
61	BETUL	SHAHPUR	SHAHPUR	DW	77.9040	22.1890	7.69	1065	0	342	131	34	26	0.28	0.00	356	103	24	62	3.2
62	BETUL	SHAHPUR	BHONRA	DW	77.8700	22.2780	7.89	812	0	275	87	29	35	0.09	0.10	307	91	19	49	1.8
63	BHIND	ATER	PIDORA	DW	78.7050	26.5458	7.28	1645	0	519	178	26	123	0.42	0.00	406	111	31	176	1.6
64	BHIND	BHIND	NAHRAKAPURA	DW	78.9420	26.6370	7.26	1535	0	555	151	52	57	0.86	0.10	421	111	35	165	1.6
65	BHIND	BHIND	KANKURA	DW	78.8569	26.6269	7.34	895	0	317	89	21	24	0.29	0.10	252	81	12	89	1.8
66	BHIND	GOHAD	BHIRKHARI	DW	78.4780	26.4750	7.56	1310	0	500	126	46	28	0.71	0.10	203	63	11	200	1.4
67	BHIND	MIHONA	RATANPURA	DW	78.8250	25.9680	7.14	1650	0	525	228	35	39	0.89	0.10	505	135	41	152	1.4
68	BHIND	MIHONA	DABOH	DW	78.8790	25.9960	7.36	1045	0	342	139	41	24	1.21	0.00	351	103	23	85	2.1
69	BHOPAL	PHANDA	BILKHIRIA	DW	77.5810	23.2540	7.26	835	0	336	87	6	32	0.42	0.10	283	73	25	59	3.6
70	BHOPAL	PHANDA	SHAHJAHANA BAD	DW	77.3980	23.2660	7.56	956	0	458	67	3	4	0.56	0.10	227	65	16	113	1.2
71	BHOPAL	PHANDA	SHAHPUKA	DW	77.4230	23.2070	7.59	615	0	256	55	4	7	0.56	0.00	263	73	20	42	
72	BHOPAL	PHANDA	DIG BANGLA	DW	77.4040	23.2780	7.65	898	0	397	72	5	6	0.85	0.00	298	85	21	65	2.6
73	BHOPAL	PHANDA	E- 2 NURSERY	DW	77.4370	23.2200	7.98	823	0	342	90	3	12	0.65	0.10	258	65	23	65	11.2
74	BURHANPUR	BURHANPUR	CHANDNIDW	DW	76.3506	21.4264	7.77	915	0	342	87	35	42	0.32	0.00	322	89	24	65	1.7
75	BURHANPUR	BURHANPUR	DEHNALA	DW	76.3110	21.5290	7.85	823	0	397	37	9	33	0.48	0.10	262	69	22	63	3.6
76	BURHANPUR	BURHANPUR	CHAPORA	DW	76.1850	21.2008	7.89	1569	0	525	203	27	112	0.1	0.00	455	143	24	152	2.1
77	BURHANPUR	KAHKNAR	PIPALPANI	DW	76.6792	21.4300	7.26	1456	0	500	114	29	111	0.56	0.00	604	182	36	52	2.2
78	BURHANPUR	KAHKNAR	SHEKHPURA	DW	76.7340	21.5520	7.65	1145	0	439	139	22	16	0.32	0.10	426	123	29	65	1.6
79	BURHANPUR	KAHKNAR	KARKHEDA	DW	76.4867	21.3369	7.69	812	0	342	54	35	41	0.12	0.00	257	81	13	69	2.3
80	CHHATARPUR	BADA MALHERA	SADWA	DW	79.2750	24.4775	8.1	590	0	262	27	10	15	0.43	0.00	227	24	41	27	2.5
81	CHHATARPUR	BIJAWAR	MOTIGARH	DW	79.6692	24.6133	7.52	360	0	159	17	9	6	0.19	0.00	152	36	15	10	2.0
82	CHHATARPUR	BIJAWAR	BIJAWAR	DW	79.4981	24.6503	7.8	598	0	214	39	28	36	0.62	0.66	222	36	32	31	1.2
83	CHHATARPUR	BUXWAHA	GADHOI	DW	79.2272	24.2947	7.4	650	0	268	59	9	8	0.52	0.00	278	87	15	18	3.3

84	CHHATARPUR	BUXWAHA	AMODHA	DW	79.3261	24.1994	7.86	305	0	134	10	10	15	0.2	0.00	136	16	23	5	0.8
85	CHHATARPUR	CHHATARPUR	ISSANAGAR	DW	79.3847	24.8619	7.98	1025	0	384	103	29	12	0.45	0.12	399	101	36	50	1.8
86	CHHATARPUR	CHHATARPUR	PIPORA KHURD	DW	79.4808	24.8500	8.02	530	0	183	54	12	15	0.82	0.00	212	57	17	20	2.1
87	CHHATARPUR	NOWGAON	NOWGAON	DW	79.4500	25.0542	7.78	692	0	232	44	42	50	0.95	0.14	242	63	21	42	3.6
88	CHHATARPUR	NOWGAON	MAHARAJAPUR	DW	79.7260	25.0210	8.1	695	0	250	47	30	42	1.1	0.00	278	57	33	30	1.2
89	CHHATARPUR	RAJNAGAR	KHAJURAHO	DW	79.9311	24.8497	7.52	1050	0	378	125	22	6	0.37	0.00	364	65	49	71	1.0
90	CHHATARPUR	RAJNAGAR	CHANDRA NAGAR	DW	79.9589	24.7500	8	742	0	299	51	33	20	0.72	0.82	343	99	23	25	1.0
91	CHHATARPUR	RAJNAGAR	TATAMPUR	DW	79.8653	25.0447	8.02	605	0	238	27	19	44	1.09	0.00	247	32	41	28	1.9
92	CHHINDWARA	AMARWARA	BANGAON2	DW	79.1319	22.2597	7.12	856	0	250	87	46	52	0.53	0.00	255	82	12	65	5.2
93	CHHINDWARA	AMARWARA	BANJARI	DW	79.1320	22.2600	7.88	902	0	378	80	12	29	0.62	0.00	280	84	17	85	2.1
94	CHHINDWARA	AMARWARA	AMARWARA	DW	79.1710	22.3010	7.95	845	0	342	87	29	6	0.53	0.10	225	64	16	95	3.2
95	CHHINDWARA	CHAURAI	THANVARI KUNDA	DW	79.2670	22.1760	7.56	912	0	262	112	48	42	0.86	0.00	295	92	16	68	3.2
96	CHHINDWARA	CHAURAI	MARKA HANDI	DW	79.1640	22.0450	7.84	900	0	311	97	52	29	0.42	0.00	390	112	27	45	4.2
97	CHHINDWARA	CHHINDWARA	SAONRI2	DW	78.7703	21.9647	7.26	945	0	342	87	48	46	0.56	0.10	410	118	28	32	5.2
98	CHHINDWARA	HARRAI	SATHIYA	DW	79.1790	22.5900	7.36	645	0	238	65	36	6	0.35	0.00	195	64	9	52	3.5
99	CHHINDWARA	HARRAI	SURLA	DW	79.1720	22.4330	8.02	1023	0	384	97	46	35	0.42	0.10	280	82	18	112	2.6
100	CHHINDWARA	MOHKHED	TANSARA MAL	DW	78.8980	21.8620	7.46	745	0	299	80	22	3	0.42	0.00	260	72	19	45	4.2
101	CHHINDWARA	PANDHURNA	PANDURNA	DW	78.5180	21.5890	7.26	656	0	238	37	36	29	0.56	0.00	195	46	19	45	3.6
102	CHHINDWARA	PANDHURNA	CHINCHKHEDA	DW	78.4790	21.6400	7.58	912	0	378	65	49	5	0.86	0.10	255	68	21	85	2.3
103	CHHINDWARA	PANDHURNA	MOHI	DW	78.4410	21.6580	7.62	789	0	299	52	35	26	0.75	0.10	325	84	28	35	3.1
104	CHHINDWARA	PARASIA	SONAPIPRI	DW	78.8030	22.1430	7.46	1145	0	506	65	48	54	0.96	0.10	280	84	17	132	3.4
105	CHHINDWARA	SAUSAR	PIPLANARAYANWAR	DW	78.7335	21.5919	7.38	945	0	293	87	29	88	0.42	0.00	295	82	22	68	2.6
106	CHHINDWARA	SAUSAR	RAMAKONA NEW	DW	78.8430	21.7020	7.59	1145	0	525	52	32	35	0.85	0.00	360	92	32	87	5.2
107	CHHINDWARA	TAMIA	PRATAPGARH VADLA	DW	22.3850	78.6169	7.65	642	0	238	55	22	3	0.42	0.00	280	64	29	10	3.2
108	CHHINDWARA	TAMIA	BEJOURI	DW	22.3442	78.6964	7.85	789	0	317	72	35	9	0.56	0.00	280	64	29	54	5.2
109	CHHINDWARA	TAMIA	RENIKHERA	DW	78.5730	22.5440	7.86	1056	0	464	65	19	9	1.26	0.00	280	70	26	105	3.1
110	CHHINDWARA	TAMIA	MAHALJHIR	DW	78.5740	22.6090	7.95	2356	0	500	355	132	75	1.42	0.20	630	172	49	245	4.2
111	DAMOH	DAMOH	DAMOH2	DW	79.4360	23.8280	7.34	1045	0	444	93	43	9	0.21	0.00	364	79	41	69	1.8
112	DAMOH	DAMOH	NOHTA	DW	79.5740	23.6780	7.68	942	0	382	86	31	6	0.57	0.00	414	113	32	17	26.9
113	DAMOH	JABERA	BAMHORI	DW	79.7190	23.6850	7.56	1123	0	401	127	35	42	0.56	0.00	379	107	27	88	2.3
114	DAMOH	JABERA	KHAMARIA	DW	79.5590	23.6500	7.81	536	0	240	47	9	7	0.36	0.10	197	42	22	32	5.6
115	DAMOH	JABERA	JABERA1	DW	79.7010	23.5380	7.89	745	0	357	29	21	11	0.75	0.00	328	77	33	18	3.5
116	DAMOH	PATERA	BANGAON NEW	DW	79.5170	24.0070	7.35	450	0	160	71	4	7	0.35	0.00	162	53	7	35	3.2
117	DAMOH	PATERA	PATHARIA	DW	79.8160	23.8950	7.77	1256	0	425	176	42	5	0.38	0.00	480	145	28	68	5.9
118	DAMOH	PATHARIA	PIPARIA CHAMPAT	DW	79.4040	23.9550	7.65	1025	0	382	88	52	11	0.37	0.00	429	131	25	39	4.6
119	DAMOH	TENDULHEDA	SAMNAPUR	DW	79.3860	23.3130	7.43	1098	0	419	93	49	54	0.65	0.00	343	85	32	66	64.3
120	DAMOH	TENDULHEDA	PIDARAIIKHERA	DW	79.5353	23.4414	7.98	1185	0	444	127	39	42	0.29	0.00	394	103	33	89	3.2
121	DAMOH	TENDULHEDA	TENDUKHEDA	DW	79.5390	23.3960	7.98	745	0	197	113	32	36	0.12	0.00	263	73	20	56	2.3
122	DATIA	BHANDER	PANDOKHAR	DW	78.7960	25.8900	7.33	742	0	317	65	21	16	0.68	0.10	175	46	15	95	1.5
123	DATIA	DATIA	DATIA NEW	DW	78.4614	25.6639	6.97	2869	0	952	372	56	56	0.52	0.00	780	196	71	312	3.6
124	DATIA	DATIA	RUDUAPURA	DW	78.5010	25.7780	7.69	1456	0	519	162	35	36	1.29	0.10	345	92	28	165	1.9
125	DEWAS	BAGLI	BAGLI1	DW	76.3470	22.6390	7.65	550	0	220	32	18	13	0.35	0.00	223	50	24	20	0.6
126	DEWAS	BAGLI	NEVRI	DW	76.2500	22.8580	7.65	1185	0	378	104	105	3	0.32	0.18	554	154	41	22	0.9

127	DEWAS	BAGLI	BHIKUPURA	DW	76.3390	22.5390	7.8	1095	0	397	104	38	8	0.57	0.12	361	51	57	82	2.3
128	DEWAS	BAGLI	PIPRI	DW	76.2780	22.3990	7.82	1785	0	726	124	66	61	0.78	0.34	673	162	65	78	4.8
129	DEWAS	BAGLI	MATMORE NEW	DW	76.3790	22.7170	8.09	598	0	220	62	17	12	0.4	0.00	218	59	17	35	2.0
130	DEWAS	KANNOD	BIJAWAD	DW	76.5720	22.6990	7.75	1068	0	403	69	75	22	0.83	0.00	426	123	29	48	0.8
131	DEWAS	KANNOD	SATWAS NEW	DW	76.6820	22.5340	8.03	1695	0	537	191	73	62	1.75	0.00	594	113	76	112	1.3
132	DEWAS	SONKUTCH	BHONRASA	DW	76.2070	22.9880	7.39	1065	0	372	69	62	65	0.39	0.00	465	97	54	28	1.2
133	DHAR	BADNAWAR	KANWAN NEW	DW	75.2580	22.8700	7.68	1423	0	256	305	65	6	1.52	0.10	230	78	9	210	1.5
134	DHAR	BADNAWAR	CHAYAN	DW	75.1370	23.0250	7.89	777	0	220	57	52	56	0.82	0.00	325	98	19	28	3.2
135	DHAR	DAHI	DAHI	DW	74.6037	22.1164	7.66	1056	0	397	90	35	42	0.65	0.00	325	78	32	78	1.9
136	DHAR	DHAR	DHAR	DW	75.3180	22.5910	7.56	815	0	214	105	42	36	0.35	0.10	355	104	23	25	3.2
137	DHAR	DHAR	SADALPUR	DW	75.4225	22.7247	7.65	1489	0	439	230	46	53	0.42	0.00	260	70	21	235	2.1
138	DHAR	DHAR	LUNERA	DW	75.3363	22.5865	7.76	1189	0	439	90	65	56	0.74	0.10	360	108	22	129	3.5
139	DHAR	DHARAMPURI	DHAMNOD	DW	75.4730	22.2140	7.43	1022	0	397	72	56	7	0.41	0.00	345	70	41	65	2.6
140	DHAR	GANDHWANI	KABARWA	DW	74.9678	22.2728	7.23	845	0	299	90	35	42	0.32	0.00	195	56	13	112	2.1
141	DHAR	GANDHWANI	AWALDAMAN NEW	DW	75.0742	22.3233	7.56	899	0	317	80	42	61	0.35	0.10	265	70	22	92	2.5
142	DHAR	KUKSHI	DEHARI	DW	74.9160	22.2880	7.68	1056	0	281	187	52	41	1.26	0.00	280	58	33	123	4.2
143	DHAR	NISARPUR	PIPALYA	DW	74.8750	22.1340	7.79	1356	0	342	130	123	89	0.36	0.00	445	130	29	112	1.6
144	DHAR	NISARPUR	DHULSAR	DW	74.8690	22.2050	7.98	756	0	214	90	32	32	0.13	0.10	210	64	12	75	1.9
145	DHAR	UMARVAN	RAWATPURA	DW	75.2407	22.1736	7.68	723	0	299	65	32	6	0.56	0.00	345	112	16	23	1.9
146	DINDORI	AMARPUR	AMARPUR	DW	80.9613	22.7870	7.18	736	0	232	97	28	36	0.11	0.00	317	83	26	29	1.1
147	DINDORI	AMARPUR	SALAIYA	DW	80.9470	22.9100	7.43	409	0	207	17	2	4	0.11	0.00	163	48	11	16	2.6
148	DINDORI	BAJANG	BIJHAURI	DW	81.2307	22.8620	7.47	782	0	268	77	18	38	0.04	0.00	287	73	25	41	2.3
149	DINDORI	DINDORI	KUDHA	DW	81.1663	22.8940	7.09	529	0	195	47	18	14	0.09	0.00	213	46	24	21	4.2
150	DINDORI	DINDORI	VIKRAMPUR1	DW	80.9070	23.0770	7.35	656	0	348	22	2	3	0.15	0.00	272	61	29	32	2.3
151	DINDORI	DINDORI	DINDORI	DW	81.0920	22.9330	7.62	952	0	427	87	28	12	0.14	0.00	426	99	43	34	3.2
152	DINDORI	KARANJIYA	KARANJIYA	DW	81.6210	22.7110	7.06	698	0	415	15	2	4	0.32	0.00	317	73	33	21	2.3
153	DINDORI	KARANJIYA	PATANGARH	DW	81.4794	22.7460	7.31	714	0	348	40	24	16	0.07	0.00	337	75	36	16	1.2
154	DINDORI	MENHADWANI	HARRA	DW	80.7954	22.8790	6.91	412	0	231	10	2	7	1.11	0.00	158	32	19	22	2.4
155	DINDORI	SHAHPURA	KATANGI1	DW	80.6260	23.1260	6.96	483	0	220	35	2	12	0.19	0.00	198	46	20	19	3.2
156	DINDORI	SHAHPURA	SHAHPURA DEPOT	DW	80.6950	23.1830	6.98	589	0	323	20	2	8	0.07	0.00	248	65	20	23	3.5
157	DINDORI	SHAHPURA	SHAHPURA2	DW	80.7010	23.1830	7.09	880	0	323	87	32	22	0.14	0.00	277	67	26	81	1.2
158	GUNA	CHACHAURA	PENCHI	DW	77.0100	24.1360	7.54	1725	0	488	312	8	10	0.45	0.10	803	172	91	22	8.0
159	GUNA	CHACHAURA	KHATKIYA	DW	77.1030	24.3300	7.74	831	0	409	35	6	3	0.32	0.20	313	79	28	42	4.6
160	GUNA	CHACHAURA	BADAUD NEW	DW	77.0000	24.4090	7.86	905	0	445	17	12	48	1.02	0.10	202	30	31	110	6.4
161	GUNA	GUNA	SINGWASA	DW	77.3640	24.6500	7.94	890	0	421	52	9	9	0.58	0.00	343	71	41	41	7.2
162	GUNA	RAGHOGARH	MAKSUDANGARH	DW	77.2580	24.0610	7.26	806	0	415	25	7	18	0.3	0.00	338	77	36	25	4.4
163	GUNA	RAGHOGARH	PIPALIYA	DW	77.1590	24.3090	7.84	682	0	329	17	10	33	0.45	0.10	308	99	15	12	4.4
164	GUNA	RAGHOGARH	JANJALI	DW	77.1210	24.3620	7.91	1205	0	439	145	8	5	0.49	0.00	480	156	22	45	6.2
165	GWALIOR	BHITARWAR	DONGARPUR	DW	77.9640	25.8220	7.19	2945	0	708	465	52	224	0.65	0.00	910	292	44	269	3.2
166	GWALIOR	BHITARWAR	BAJNA	DW	77.9416	25.8506	7.23	942	0	415	47	32	23	0.85	0.00	325	102	17	65	2.3
167	GWALIOR	BHITARWAR	HARSIBANDH	DW	77.9290	25.7620	7.43	653	0	214	65	36	36	0.26	0.10	180	42	18	65	1.6
168	GWALIOR	BHITARWAR	DEORIKALA	DW	77.9842	25.7833	7.63	1156	0	378	130	34	31	1.23	0.10	250	68	19	142	2.1
169	GWALIOR	DABRA	MAKODA	DW	78.2560	26.0360	7.36	965	0	360	90	31	29	0.34	0.00	260	72	19	107	2.4

170	GWALIOR	GHATIGAON	PRITHVI KA PURA	DW	78.0926	26.2076	7.28	598	0	214	60	19	16	0.55	0.10	160	42	13	65	1.8
171	GWALIOR	GHATIGAON	BEELPURA	DW	78.0471	26.2499	7.45	956	0	390	80	29	42	0.68	0.00	390	104	32	51	3.2
172	GWALIOR	GHATIGAON	BEHRATA	DW	78.0960	26.2920	7.56	2186	0	616	365	46	35	0.34	0.00	405	104	35	298	2.4
173	GWALIOR	GHATIGAON	SURO	DW	78.0417	26.2499	7.56	2965	0	769	530	52	43	0.35	0.00	755	264	23	356	2.6
174	GWALIOR	GHATIGAON	CHARAI SHYAMPUR	DW	77.8310	25.9750	7.65	1412	0	476	130	32	122	0.52	0.00	310	102	13	178	1.5
175	GWALIOR	GHATIGAON	TIGHARA	DW	78.1513	26.2131	7.68	932	0	421	57	32	32	0.26	0.00	280	64	29	92	1.7
176	GWALIOR	MORAR	BAJRANG COLONY	DW	78.4330	26.1540	7.12	1035	0	415	105	29	26	0.52	0.00	255	64	23	123	3.5
177	GWALIOR	MORAR	ODPURA	DW	78.2687	26.2665	7.26	635	0	220	65	32	16	0.34	0.10	195	62	10	57	2.4
178	GWALIOR	MORAR	PADAMPUR KHERIA	DW	78.2687	26.2665	7.46	1486	0	561	132	42	52	0.24	0.10	275	84	16	212	2.8
179	GWALIOR	MORAR	GHOSIPURA	DW	78.2906	26.2757	7.54	465	0	140	60	26	9	0.68	0.00	115	24	13	56	1.9
180	GWALIOR	MORAR	BEHAT	DW	78.5430	26.1740	7.62	823	0	311	80	34	32	0.54	0.10	160	62	1	119	2.8
181	GWALIOR	MORAR	JAHANGIRPUR	DW	78.2906	26.2756	7.68	2498	0	525	505	32	75	0.86	0.00	575	184	28	312	2.4
182	GWALIOR	MORAR	MAITHANA	DW	78.2905	26.2902	7.85	1465	0	561	130	34	36	0.56	0.10	280	72	24	201	3.2
183	GWALIOR	MORAR	MANPURA	DW	78.3550	26.1640	7.89	712	0	281	52	26	36	0.24	0.10	255	64	23	49	2.4
184	HARDA	HARDA	HARDADW	DW	77.0880	22.3460	7.45	1326	0	427	100	40	140	0.42	0.00	415	62	63	104	5.6
185	HARDA	HARDA	HANDIA	DW	76.9810	22.4840	8.05	1290	0	622	65	10	37	1.2	0.10	440	84	56	94	2.0
186	HARDA	KHIRKIYA	CHHIPAWADDW	DW	76.8770	22.1550	7.48	1065	0	445	57	29	34	0.21	0.00	355	64	47	68	4.0
187	HARDA	TIMARNI	DHANAGAO	DW	77.2194	22.2750	7.53	725	0	354	20	18	25	0.24	0.00	220	38	30	78	2.0
188	HARDA	TIMARNI	TEMAGAON	DW	77.3210	22.2980	7.82	1025	0	451	30	26	20	0.19	0.20	430	56	71	29	6.2
189	HOSHANGABAD	BABAI	BAGRATAWADW	DW	77.9930	22.6290	7.32	689	0	342	20	10	8	0.1	0.00	275	44	40	28	3.9
190	HOSHANGABAD	BABAI	DHONGRA	DW	78.0828	22.6875	7.35	1020	0	390	85	25	22	0.2	0.15	375	70	49	58	1.9
191	HOSHANGABAD	BABAI	GURRA NEW	DW	77.9180	22.6300	7.89	772	0	360	20	38	10	0.19	0.12	215	62	15	75	1.9
192	HOSHANGABAD	BABAI	BABAIDW	DW	77.9390	22.7000	8.09	1221	0	580	65	10	30	0.12	0.00	435	90	51	75	4.5
193	HOSHANGABAD	HOSHANGABAD	DOLARIADW	DW	77.6390	22.6260	7.45	785	0	323	65	15	15	0.32	0.00	260	40	39	56	2.8
194	HOSHANGABAD	HOSHANGABAD	SONKHERA	DW	77.8340	22.6170	7.99	865	0	439	25	15	5	0.42	0.00	275	60	30	68	3.2
195	HOSHANGABAD	KESALA	SUKTAWA	DW	77.8430	22.4080	7.48	482	0	195	25	29	8	0.19	0.00	140	42	9	40	5.8
196	HOSHANGABAD	KESALA	PATHRAUTADW	DW	77.7960	22.5760	7.49	860	0	317	77	26	25	0.12	0.00	260	48	34	73	4.8
197	HOSHANGABAD	SOHAGPUR	KARANPUR	DW	78.2194	22.7200	7.46	872	0	262	102	35	8	0.18	0.00	250	30	43	82	2.0
198	INDORE	DEPALPUR	RANGWASA	DW	75.5700	22.7440	7.56	810	0	214	105	65	55	0.42	0.00	260	70	21	75	3.2
199	INDORE	INDORE	BHIL PALTAN	DW	75.8340	22.6960	7.26	656	0	159	130	12	6	0.19	0.00	230	62	18	46	5.2
200	INDORE	INDORE	PRAKASH NAGAR	DW	75.8790	22.6980	7.35	945	0	342	97	42	5	0.42	0.00	360	118	16	52	3.5
201	INDORE	INDORE	RANJEET HANUMAN	DW	75.8360	22.7000	7.56	585	0	256	37	12	14	0.22	0.00	210	64	12	35	2.9
202	INDORE	INDORE	SOYABEEN RESEARCH	DW	75.8730	22.6830	7.65	812	0	250	105	56	12	0.56	0.10	260	68	22	78	4.2
203	INDORE	INDORE	DUDHIYA	DW	75.9460	22.6760	7.86	1555	0	317	307	86	7	0.23	0.10	510	144	36	132	4.2
204	INDORE	INDORE	SAJAN NAGAR	DW	75.8820	22.6950	7.86	1145	0	397	130	42	13	0.43	0.00	260	72	19	132	4.5
205	INDORE	MHOW	MHOW	DW	75.7620	22.5490	7.98	715	0	342	52	23	8	0.32	0.10	230	64	17	65	3.5
206	JABALPUR	JABALPUR	SADAR BAZAR	DW	79.9490	23.1550	6.95	600	0	275	35	20	2	0.21	0.00	272	67	25	15	4.0
207	JABALPUR	JABALPUR	GOKALPUR	DW	79.9850	23.1900	7.1	931	0	390	77	14	41	0.47	0.00	322	93	22	56	22.0
208	JABALPUR	JABALPUR	PANCHPEDI	DW	79.9490	23.1590	7.21	952	0	439	72	36	12	0.14	0.00	317	125	1	82	8.0
209	JABALPUR	JABALPUR	BARELA	DW	80.0550	23.0960	7.23	720	0	287	59	24	17	0.52	0.00	203	50	19	71	7.0
210	JABALPUR	JABALPUR	KANCH GHAR	DW	79.9600	23.1760	7.34	1028	0	458	77	16	54	0.36	0.00	361	107	23	73	14.0
211	JABALPUR	JABALPUR	UMARIYANEW	DW	80.0730	23.2021	7.58	737	0	329	42	12	4	0.22	0.00	267	69	23	29	36.0
212	JABALPUR	JABALPUR	KOSHAM GHAT	DW	80.0124	23.1063	7.69	710	0	360	45	6	10	0.34	0.00	287	51	39	38	3.0

213	JABALPUR	JABALPUR	NAGAR NIGAM	DW	79.9330	23.1660	7.93	1230	0	421	141	60	5	0.32	0.00	332	67	40	143	8.0
214	JABALPUR	KUNDAM	BISHANPURA	DW	80.2490	23.2290	7.3	1201	0	470	111	34	52	0.22	0.00	490	117	48	55	3.0
215	JHABUA	JHABUA	PITOL	DW	74.4660	22.7850	7.86	2053	0	317	487	32	56	1.23	0.00	325	84	28	310	2.3
216	JHABUA	MEGHNAGAR	MEGHNAGAR NEW	DW	74.5420	22.9050	7.95	1056	0	311	145	45	12	0.89	0.00	260	70	21	112	2.3
217	JHABUA	PETLAWAD	SARANGI	DW	74.9080	23.0520	7.55	889	0	360	57	32	65	0.12	0.00	325	84	28	68	3.5
218	JHABUA	RANAPUR	TIKADIMOTI NEW	DW	74.5900	22.7708	7.68	745	0	275	87	18	16	0.59	0.00	255	72	18	65	2.5
219	KATNI	BADWARA	PIPARIA2	DW	80.6986	23.8619	7.27	1199	0	433	106	20	57	0.42	0.00	356	93	30	95	6.9
220	KATNI	DHIMAR KHEDA	SILONI	DW	80.3780	23.3460	7.23	970	0	342	97	20	65	0.59	0.00	327	69	37	87	8.5
221	KATNI	DHIMARKHEDA	UMARIAPAN	DW	80.2917	23.5217	7.34	1190	0	439	97	26	127	0.15	0.00	465	123	39	62	3.6
222	KATNI	KATNI	KATNI1	DW	80.3990	23.8310	7.04	598	0	287	27	10	4	0.59	0.00	213	48	23	35	6.8
223	KATNI	KATNI	GANIYARI	DW	80.3986	23.8306	7.06	1818	0	433	230	52	131	0.49	0.00	569	210	11	117	1.1
224	KATNI	RITHI	DEOGAWAN	DW	80.2514	23.9028	7.35	1350	0	336	277	44	18	0.46	0.00	500	162	23	108	1.2
225	KATNI	RITHI	BILHARI NEW	DW	80.2514	23.9028	7.4	1850	0	543	233	46	146	1.35	0.00	559	212	7	160	9.2
226	KATNI	RITHI	RITHI	DW	80.1420	23.9090	7.56	1789	0	500	299	52	19	1.23	0.20	500	103	59	180	10.2
227	KATNI	VIJAY RAGHAVGARH	KHITOLI2	DW	80.6986	23.8619	7.16	725	0	384	27	6	14	0.35	0.00	267	87	12	52	4.5
228	KHANDWA	BALADI	BILLOD	DW	76.7489	22.2028	7.88	898	0	342	92	36	13	0.11	0.10	332	81	31	47	1.8
229	KHANDWA	CHHEGAON	ROSHIYA NEW	DW	76.1664	21.9578	7.98	1189	0	360	139	52	46	0.31	0.10	475	137	33	52	1.2
230	KHANDWA	CHHEGAON	KUSUMBIYA	DW	76.1980	21.6890	8.02	1456	0	342	213	56	98	0.23	0.00	470	152	22	112	2.3
231	KHANDWA	HARSUD	DAGAD KHEDI	DW	76.8330	22.0820	7.65	623	0	317	30	23	4	0.42	0.00	223	44	28	42	1.6
232	KHANDWA	HARSUD	BORI SARAY	DW	76.8170	22.0060	7.82	689	0	256	64	21	23	0.31	0.00	168	42	16	76	2.4
233	KHANDWA	HARSUD	BEDIA	DW	76.7440	21.9700	7.89	642	0	220	62	36	23	0.39	0.10	178	48	14	62	1.9
234	KHANDWA	KHALWA	KHALWA1	DW	76.7460	21.8050	7.65	986	0	360	57	42	46	0.42	0.10	322	93	22	65	2.6
235	KHANDWA	KHALWA	KALAM KHURD	DW	76.7108	21.8492	7.86	812	0	329	52	24	39	0.29	0.00	257	77	16	72	3.2
236	KHANDWA	KHANDWA	RUDHY BHATA	DW	76.4670	21.8330	7.92	785	0	311	62	19	5	0.46	0.00	297	71	29	42	2.5
237	KHANDWA	PANDHANA	BAIRUKHEDA	DW	76.3053	21.7506	7.55	945	0	342	64	48	52	0.34	0.00	252	55	28	98	2.9
238	KHANDWA	PANDHANA	BALWARA1	DW	76.5160	21.7000	7.86	815	0	305	72	27	36	0.65	0.00	332	91	25	38	4.1
239	KHANDWA	PANDHANA	BORGAON BUZURG	DW	76.3250	21.6090	7.89	945	0	342	67	42	61	0.35	0.10	302	83	23	68	2.7
240	KHANDWA	PUNASA	UDAIPUR	DW	76.4030	22.2260	7.36	1198	0	378	97	46	92	0.29	0.00	484	129	39	42	1.4
241	KHANDWA	PUNASA	THAPANA	DW	76.0870	22.2220	7.46	1198	0	354	139	51	61	0.23	0.00	510	154	30	31	2.1
242	KHANDWA	PUNASA	GHOSALI	DW	76.1310	22.1580	7.65	742	0	275	57	27	72	0.36	0.10	262	63	25	53	0.9
243	KHANDWA	PUNASA	KAROLI	DW	76.2060	22.1420	7.86	989	0	415	59	32	56	0.42	0.00	386	91	39	48	1.5
244	KHANDWA	PUNASA	KELWA KALAN NEW	DW	76.2664	22.1742	7.89	785	0	311	59	29	24	0.52	0.10	282	69	26	52	2.1
245	KHANDWA	PUNASA	BANGARDA	DW	76.4620	22.1450	7.95	502	0	220	40	19	6	0.42	0.00	114	22	14	62	2.3
246	KHANDWA	PUNASA	MUNDI NEW	DW	76.4886	22.0642	8.02	823	0	354	64	24	23	0.36	0.00	292	67	30	63	2.9
247	KHARGONE	BARWAHA	BARWAH	DW	76.0350	22.2540	7.68	645	0	195	80	25	14	0.42	0.00	155	54	5	72	4.2
248	KHARGONE	BARWAHA	BALWARA	DW	75.9750	22.3940	7.86	845	0	397	57	16	6	0.35	0.00	160	52	7	112	2.3
249	KHARGONE	BHAGWANPURA	BHULWANI	DW	75.4810	21.5480	7.65	726	0	317	40	36	41	0.32	0.10	260	84	12	56	3.2
250	KHARGONE	BHAGWANPURA	GHATTI	DW	75.6670	21.7230	7.82	985	0	238	162	29	23	0.16	0.00	180	64	5	138	3.6
251	KHARGONE	BHIKANGAON	BAMNALA NEW	DW	75.8530	21.8250	7.36	1156	0	421	132	42	46	0.16	0.00	175	42	17	185	3.9
252	KHARGONE	BHIKANGAON	BHIKANGAON2	DW	75.9558	21.8619	7.78	1122	0	317	130	32	92	0.18	0.00	280	84	17	112	1.2
253	KHARGONE	JHIRANYA	ZIRANNIYA	DW	75.9876	21.6506	7.53	942	0	220	115	89	42	0.52	0.00	410	124	24	33	6.2
254	KHARGONE	KASRAWAD	SAWDA	DW	75.6290	22.0310	7.84	812	0	360	80	19	4	0.26	0.00	325	84	28	42	3.5
255	KHARGONE	KASRAWAD	KASRAWAD2	DW	75.6083	22.1236	7.89	789	0	342	80	15	16	0.32	0.00	280	72	24	69	2.4

256	KHARGONE	KHARGONE	KHARGONE	DW	75.6194	21.8278	7.66	1025	0	397	57	42	78	0.12	0.00	445	150	17	39	2.6
257	MANDLA	BICHHIYA	SIJHORA	DW	80.7770	22.4260	6.77	1605	0	250	361	35	56	0.29	0.56	634	162	55	73	1.5
258	MANDLA	BICHHIYA	BICHHIA1	DW	80.7000	22.4520	7.44	906	0	354	84	34	15	0.14	0.20	327	85	28	56	4.3
259	MANDLA	BICHHIYA	ANJANIA	DW	80.5094	22.4950	7.67	915	0	360	67	28	12	0.42	0.00	277	69	25	66	3.9
260	MANDLA	BIJADANDI	CHAWAI	DW	80.2452	22.9585	7.62	365	0	159	40	4	2	0.05	0.52	158	24	24	17	1.0
261	MANDLA	GHUGHRI	GHUGHRI	DW	80.6900	22.6778	7.08	387	0	189	20	2	6	0.09	0.00	149	26	20	18	1.0
262	MANDLA	MANDLA	KHARI	DW	80.4110	22.7930	7.18	536	0	177	47	12	32	0.29	0.10	233	63	18	12	0.9
263	MANDLA	MANDLA	PATHIRI PATPARA	DW	80.4710	22.6080	7.23	774	0	299	62	25	53	0.21	0.00	322	91	23	36	3.9
264	MANDLA	MANDLA	DEVGAON	DW	80.5250	22.7390	7.25	845	0	427	42	8	9	0.12	0.00	366	103	26	35	1.5
265	MANDLA	MANDLA	PINDRAI	DW	80.5208	22.6139	7.25	576	0	250	32	12	16	0.12	0.00	248	81	11	15	1.7
266	MANDLA	MANDLA	SUBHARIYA	DW	80.2710	22.5260	7.36	816	0	299	67	40	8	0.32	0.32	277	63	29	49	1.1
267	MANDLA	MANDLA	MAHANIA PATPARA	DW	80.4770	22.6850	7.38	664	0	390	17	10	4	0.1	0.00	282	83	18	32	1.1
268	MANDLA	MANDLA	RAMNAGAR1	DW	80.5210	22.6140	7.44	599	0	293	35	12	5	0.19	0.00	233	71	13	34	1.9
269	MANDLA	MANDLA	BAMHNI NEW	DW	80.3680	22.4760	7.51	1689	0	714	153	36	8	0.09	0.00	500	111	54	157	3.8
270	MANDLA	MANDLA	PADMI CHORAH	DW	80.4100	22.5500	7.7	449	0	244	10	6	2	0.19	0.00	183	26	29	18	0.8
271	MANDLA	MAWAI	MANGLI	DW	80.9033	22.3453	7.2	522	0	183	37	10	48	0.29	0.00	223	63	16	15	1.4
272	MANDLA	MAWAI	MOTINALA	DW	80.9030	22.3450	7.21	1048	0	360	116	52	23	2.18	2.85	416	111	34	54	1.6
273	MANDLA	MOHGAON	CHABI	DW	80.7000	22.8250	7.09	545	0	256	35	2	16	0.12	0.00	233	71	13	17	1.1
274	MANDLA	MOHGAON	REHGAON	DW	80.5770	22.7490	7.27	614	0	311	25	12	8	0.28	0.00	262	85	12	21	2.8
275	MANDLA	NAINPUR	RAMPURI NEW	DW	80.2640	22.4090	7.33	1190	0	482	124	38	21	0.2	0.00	495	111	53	56	2.3
276	MANDLA	NAINPUR	SURAJPURA	DW	80.1380	22.5210	7.56	282	0	134	10	5	3	0.34	0.00	109	22	13	12	1.2
277	MANDLA	NARAYANGANJ	BABALIYA	DW	80.4140	22.8830	7.04	680	0	250	42	16	38	0.38	0.00	287	83	19	16	1.1
278	MANDSAUR	BHANPURA	DUDHKHERI	DW	75.6847	24.4314	7.45	1236	0	281	122	98	126	0.65	0.00	530	150	38	42	2.1
279	MANDSAUR	BHANPURA	SANDHARA	DW	75.8680	24.5610	7.68	765	0	214	37	56	88	1.02	0.00	325	70	36	22	2.9
280	MANDSAUR	BHANPURA	BABULDA	DW	75.6880	24.4740	7.78	1345	0	439	130	55	59	0.68	0.00	510	178	16	65	3.2
281	MANDSAUR	GAROTH	DHARMARAJESHWER	DW	75.5000	24.1925	7.56	812	0	317	80	22	29	0.39	0.00	225	78	7	85	4.2
282	MANDSAUR	GAROTH	GAROTH NEW	DW	75.6606	24.3381	7.65	1398	0	214	330	29	58	0.46	0.00	535	158	34	76	1.5
283	MANDSAUR	GAROTH	SHAMGARH2	DW	75.6400	24.1914	7.65	478	0	116	65	49	7	0.56	0.00	155	50	7	35	3.6
284	MANDSAUR	GAROTH	BARKHERANAYAK	DW	75.5220	24.2190	7.98	2296	0	769	245	72	152	0.35	0.00	745	242	34	192	1.9
285	MANDSAUR	MALHARGARH	MALHARGARH	DW	74.9910	24.2780	7.23	2312	0	360	530	42	35	0.23	0.00	810	264	36	142	1.9
286	MANDSAUR	MALHARGARH	PIPALIYA	DW	75.0080	24.1960	7.86	1145	0	421	97	39	49	1.02	0.00	460	150	21	56	2.6
287	MANDSAUR	MANDSAUR	ATITKHEDI	DW	75.0822	24.0239	7.35	956	0	360	80	42	41	0.92	0.00	260	98	4	98	1.9
288	MANDSAUR	MANDSAUR	BOTALGANJ	DW	75.0292	24.1483	7.48	1045	0	439	92	16	6	0.43	0.00	405	118	27	59	1.6
289	MANDSAUR	MANDSAUR	CHIRMOLIYA	DW	75.2569	24.0222	7.63	1265	0	500	130	11	9	0.26	0.00	490	150	28	59	2.1
290	MANDSAUR	MANDSAUR	DALODA2	DW	75.0989	23.9250	7.84	1189	0	299	147	68	78	0.05	0.00	460	152	19	52	3.2
291	MANDSAUR	SITAMAU	SURJANI	DW	75.4450	24.0250	7.26	1985	0	543	302	65	42	0.29	0.00	710	224	36	112	3.2
292	MANDSAUR	SITAMAU	SUWASARA	DW	75.6430	24.0770	7.65	912	0	281	97	42	46	0.16	0.00	325	92	23	56	2.9
293	MANDSAUR	SITAMAU	BASAKHEDA	DW	74.9455	24.0320	7.92	945	0	299	97	42	82	0.65	0.00	410	142	13	32	1.6
294	MORENA	JOURA	JAFRABAD	DW	77.8770	26.4310	7.26	856	0	311	64	32	25	0.62	0.00	272	69	24	65	3.2
295	MORENA	JOURA	BILGAON	DW	77.8392	26.3758	7.34	1263	0	378	178	38	42	0.42	0.00	361	103	25	112	2.3
296	MORENA	MORENA	KHERA MEWDA NEW	DW	78.0900	26.5630	7.65	1256	0	458	129	42	36	0.43	0.00	277	91	12	152	2.1
297	MORENA	PAHADGARH	PAHARGARH	DW	77.6390	26.2000	7.26	1442	0	561	126	31	34	0.51	0.00	292	57	36	188	1.4
298	MORENA	PAHADGARH	HUSEINPUR	DW	77.6026	26.4041	7.56	1023	0	342	139	46	23	0.65	0.00	322	89	24	102	2.3

299	MORENA	PORSA	PORSA	DW	78.3690	26.6710	7.35	1456	0	586	139	32	29	0.65	0.00	322	91	23	175	1.9
300	MORENA	SABALGARH	RANIPURA	DW	77.3350	26.2060	7.28	1725	0	317	252	65	212	0.52	0.00	401	135	16	223	2.5
301	MORENA	SABALGARH	TONGA GAON	DW	77.4381	26.2553	7.53	1052	0	360	97	29	51	0.51	0.00	208	57	16	123	1.6
302	NARSINGPUR	BABAI (CHICHLI)	SALICHAUKA	DW	78.6667	22.8306	7.95	812	0	342	65	22	7	0.35	0.10	210	70	9	88	2.1
303	NARSINGPUR	CHAWARPATHA	KOUDIYA	DW	78.8160	22.9460	7.56	945	0	421	60	18	49	0.42	0.00	325	92	23	75	3.2
304	NARSINGPUR	GATEGAON	KARAKBEL NEW	DW	79.3543	22.9975	7.88	612	0	250	45	32	5	0.52	0.10	260	70	21	25	2.4
305	NARSINGPUR	GATEGAON	BAUCHHAR	DW	79.3336	22.9869	7.98	545	0	256	15	26	3	0.65	0.00	180	62	6	35	2.5
306	NARSINGPUR	KARELI	RAMKHIRIA	DW	79.1625	23.1014	7.86	625	0	281	62	12	8	0.85	0.00	255	82	12	35	1.9
307	NARSINGPUR	KARELI	KARELI BASTI	DW	79.0680	22.9110	8.02	810	0	342	37	42	22	0.65	0.20	260	78	16	65	2.4
308	NARSINGPUR	NARSINGHPUR	BACHAI	DW	79.3060	22.8740	7.69	512	0	220	40	17	15	0.59	0.10	210	64	12	28	2.2
309	NEEMUCH	JAWAD	SINGOLI	DW	75.2880	24.9680	7.68	1125	0	360	140	55	5	0.35	0.10	445	118	36	55	2.1
310	NEEMUCH	JAWAD	RATANGARH	DW	75.1090	24.8110	7.98	1012	0	323	105	52	9	0.52	0.10	345	84	33	63	2.3
311	NEEMUCH	MANASA	KUKRESHWAR	DW	75.2680	24.4800	7.36	2789	0	433	530	98	289	0.62	0.20	880	246	64	246	1.6
312	NEEMUCH	MANASA	BESLA	DW	75.4570	24.5540	7.42	656	0	177	105	29	7	0.49	0.00	315	92	21	15	3.5
313	NEEMUCH	MANASA	RAMPURA	DW	75.4410	24.4620	7.56	821	0	317	97	31	5	0.49	0.00	215	64	13	98	3.5
314	NEEMUCH	MANASA	BARLAI	DW	75.3200	24.4240	7.68	789	0	336	40	42	16	0.42	0.00	280	84	17	48	2.6
315	NEEMUCH	NEEMUCH	KACHOLI	DW	74.9410	24.3630	7.23	1326	0	195	307	29	9	0.82	0.20	510	166	23	69	1.3
316	NEEMUCH	NEEMUCH	GIRDOLA	DW	74.9320	24.4620	7.42	1456	0	238	357	32	8	0.23	0.00	295	84	21	205	2.1
317	NEEMUCH	NEEMUCH	SEMALI CHANDRAWAT	DW	74.9360	24.5480	7.45	1689	0	397	280	72	9	0.42	0.10	515	138	41	146	3.2
318	NEEMUCH	NEEMUCH	NEEMUCH	DW	74.8740	24.4540	7.69	1512	0	482	222	32	7	1.29	0.00	445	118	36	155	1.3
319	PANNA	AJAIGARH	SINHAI	DW	80.2253	24.9200	7.98	850	0	378	47	17	3	0.52	0.00	360	114	18	29	2.1
320	PANNA	AJAIGARH	BANAHARI KALAN	DW	80.1786	24.8536	8.11	845	0	384	30	32	11	0.68	0.00	345	70	41	29	1.9
321	PANNA	GUNNOR	SALLEHA	DW	80.4025	24.4133	7.85	845	0	360	62	11	14	0.23	0.00	335	92	26	36	2.6
322	PANNA	PANNA	BAHERA	DW	80.2550	24.6620	7.12	465	0	171	45	5	17	0.14	0.00	120	28	12	46	2.5
323	PANNA	PANNA	BADAGAON	DW	80.3456	24.6236	7.23	444	0	128	65	8	19	0.27	0.10	130	36	10	42	3.5
324	PANNA	PANNA	BARRACHH	DW	80.1730	24.5450	7.56	488	0	214	30	7	3	0.34	0.00	175	44	16	22	4.6
325	PANNA	PANNA	MADLA	DW	80.0110	24.7290	7.65	689	0	195	80	14	52	0.11	0.00	225	62	17	52	3.4
326	PANNA	PANNA	PANNA1	DW	80.1806	24.7056	7.65	1568	0	360	307	42	4	0.52	0.00	365	108	23	156	21.3
327	PANNA	PANNA	AKOLA	DW	80.1320	24.6190	7.85	403	0	189	35	3	6	0.29	0.00	160	36	17	22	2.1
328	PANNA	PAWAI	MOHENDRA	DW	79.9660	24.1910	7.55	1586	0	421	282	49	6	0.49	0.00	395	114	27	189	3.5
329	PANNA	PAWAI	KHARMORA	DW	80.2610	24.1220	7.99	1456	0	311	255	52	2	0.35	0.00	430	112	36	122	13.2
330	PANNA	SHAHNAGAR	KUANKHEDA	DW	79.9230	23.9010	7.35	1026	0	378	120	6	9	0.37	0.00	295	52	40	89	1.8
331	PANNA	SHAHNAGAR	TAKHORI	DW	79.9510	23.9880	7.56	635	0	287	65	5	2	0.29	0.00	215	50	22	45	2.3
332	PANNA	SHAHNAGAR	RAIPURA	DW	79.9520	23.9040	7.65	835	0	299	97	39	4	0.35	0.00	260	70	21	74	2.3
333	PANNA	SHAHNAGAR	DOGARGAWA	DW	23.9667	80.3186	7.89	815	0	336	82	11	3	0.12	0.00	325	72	35	36	3.2
334	RAISEN	GOHAGANJ	CHIKLOD	DW	77.7230	23.1060	7.62	1090	0	336	123	12	8	0.42	0.00	338	97	23	60	1.7
335	RAISEN	SILWANI	SIARMAU	DW	78.5500	23.4010	7.68	802	0	305	81	16	11	0.85	0.10	227	51	25	75	0.4
336	RAJGARH	BIAORA	BAIHEDA	DW	76.9500	23.8360	7.85	895	0	437	27	24	32	0.82	0.00	242	36	37	95	1.2
337	RAJGARH	KHILCHIPUR	KHILCHIPUR	DW	76.5790	24.0430	7.42	1420	0	413	187	62	42	0.56	0.17	444	85	57	128	2.2
338	RAJGARH	NARSINGHARH	MANDAWAR	DW	76.8830	23.7030	7.38	768	0	320	45	26	43	0.43	0.00	328	71	37	28	0.8
339	RAJGARH	NARSINGHARH	PILUKHEDI	DW	77.0600	23.4910	7.48	1895	0	327	80	512	23	0.62	0.00	611	158	53	162	1.6
340	RAJGARH	NARSINGHARH	PACHORNEW	DW	76.7380	23.7180	7.65	2142	0	579	240	156	88	0.35	0.15	818	184	87	125	4.8
341	RATLAM	ALOT	MALAKHERA	DW	75.4490	23.6970	7.86	1195	0	397	147	42	42	0.75	0.00	440	130	28	78	2.9

342	RATLAM	BAJNA	RATANGARH PITH	DW	74.7131	23.3364	7.53	702	0	275	65	18	8	0.52	0.00	295	62	34	29	2.3
343	RATLAM	BAJNA	RAJAPUR	DW	74.7300	23.3410	7.65	645	0	220	57	22	36	0.43	0.10	230	64	17	45	3.5
344	RATLAM	JAORA	MINDLI	DW	75.2920	23.6900	7.55	1098	0	439	130	21	9	1.01	0.00	410	102	38	75	3.9
345	RATLAM	JAORA	RAMNAGAR	DW	75.2550	23.5370	7.68	1324	0	311	255	29	53	0.35	0.00	405	124	23	125	1.6
346	RATLAM	JAORA	DHODHAR	DW	75.1090	23.7750	7.88	1156	0	543	47	32	18	0.56	0.10	360	98	28	100	2.9
347	RATLAM	PIPLODA	RANKODA	DW	74.9640	23.6130	7.45	1386	0	360	222	35	56	0.32	0.00	145	44	9	245	3.2
348	RATLAM	PIPLODA	SOHANGARH	DW	75.0800	23.5800	7.68	812	0	311	47	29	48	0.29	0.10	295	72	28	52	2.9
349	RATLAM	RATLAM	RATTAGARHKHERA	DW	75.2160	23.1390	7.22	789	0	293	72	19	43	0.41	0.10	280	98	9	63	2.9
350	RATLAM	RATLAM	MESWASA NEW	DW	75.0672	23.4953	7.69	812	0	299	52	26	52	1.12	0.10	245	64	21	69	3.5
351	RATLAM	RATLAM	DHARAD	DW	75.1080	23.2500	7.88	1056	0	360	130	34	52	0.56	0.00	260	72	19	135	2.1
352	RATLAM	SAILANA	CHHAWANI JHODIYA	DW	23.3425	74.7611	7.56	856	0	439	25	18	6	0.68	0.00	265	70	22	72	3.5
353	REWA	DEOTALAB	PALIADBAN	DW	24.6779	81.6589	7.68	1023	0	397	95	14	6	0.54	0.10	305	82	24	89	1.9
354	REWA	HANUMANA	MADHA	DW	82.0460	24.7410	7.98	1023	0	329	147	35	6	0.12	0.00	340	104	19	78	3.2
355	REWA	JAWA	SENHUDA	DW	81.3650	25.0300	7.56	1265	0	500	145	16	14	0.89	0.10	525	164	28	52	2.3
356	REWA	MAUGANJ	MAUGANJ1	DW	81.8890	24.6750	7.65	623	0	195	95	6	8	0.34	0.00	215	52	21	36	5.6
357	REWA	MAUGANJ	SITAPUR	DW	81.7700	24.5530	7.77	898	0	360	90	28	16	0.56	0.00	310	92	19	58	2.4
358	REWA	MAUGANJ	PAHADI	DW	81.8861	24.7500	7.89	1600	0	342	302	36	42	0.35	0.00	580	178	33	111	15.6
359	REWA	NAIGARHI	AMBI	DW	81.7151	24.8112	7.45	823	0	397	45	3	4	0.34	0.10	305	92	18	45	4.2
360	REWA	RAIPUR	SAGRA	DW	81.3624	24.6111	7.89	1056	0	250	115	165	7	0.43	0.10	455	156	16	35	3.5
361	REWA	REWA	AMILKI	DW	81.3080	24.4250	7.55	1145	0	421	92	81	9	0.56	0.00	480	150	26	41	2.7
362	REWA	SIRMOUR	BARA	DW	81.0940	24.8210	7.46	945	0	360	72	92	3	0.56	0.00	325	86	27	79	2.3
363	SAGAR	BANDA	BARA	DW	79.1540	24.0400	7.89	745	0	317	52	14	23	0.52	0.00	328	85	28	26	3.2
364	SAGAR	BINA	BERKHARI	DW	78.6531	23.8564	7.23	756	0	299	60	12	21	0.59	0.00	328	85	28	21	3.1
365	SAGAR	DEORI	KOPLA BLOCK DEOI	DW	79.0611	23.4903	7.98	845	0	317	72	19	29	0.41	0.00	343	85	32	32	1.8
366	SAGAR	JAISINAGAR	JAISINGH NAGAR	DW	78.5750	23.6260	7.48	1186	0	415	147	41	56	0.53	0.00	429	127	27	68	2.3
367	SAGAR	JAISINAGAR	BARODA	DW	78.7058	23.7158	7.98	1026	0	378	147	9	14	0.78	0.00	283	73	25	98	1.5
368	SAGAR	KHURAI	KULWAI	DW	78.2703	24.1169	7.23	732	0	354	47	8	28	0.46	0.00	298	73	28	26	3.2
369	SAGAR	MALTHON	BARODIA	DW	78.5830	24.2160	7.56	866	0	311	87	32	16	0.36	0.00	263	71	21	75	2.4
370	SAGAR	MALTHON	BAMORI BIKA NEW	DW	78.4328	24.2456	8.02	1378	0	397	195	16	88	0.16	0.00	631	204	29	35	1.2
371	SAGAR	MALTHON	BAMHORI LAL	DW	78.4330	24.2460	8.03	1186	0	500	122	24	14	0.65	0.00	379	105	28	86	2.1
372	SAGAR	RAHATGARH	RAHATGARH	DW	78.4180	23.7880	7.75	846	0	317	97	31	14	0.26	0.00	348	85	33	32	1.4
373	SAGAR	RAHATGARH	JARUAKHERA	DW	78.4820	23.9730	7.86	1575	0	500	205	39	46	0.23	0.00	515	158	29	109	1.4
374	SAGAR	RAHATGARH	NARYAWALI	DW	78.5930	23.9060	7.89	1165	0	421	135	22	24	0.35	0.00	449	113	41	32	56.0
375	SAGAR	RAHATGARH	HURRA	DW	78.4050	23.7280	7.96	1088	0	384	130	46	52	0.47	0.00	495	113	52	25	1.4
376	SAGAR	REHLI	GARHAKOTA	DW	79.1290	23.7840	7.68	1186	0	500	87	42	6	0.42	0.00	515	164	26	35	1.6
377	SAGAR	REHLI	PIPARIA NARSING	DW	78.9960	23.6620	8.02	615	0	220	72	19	6	0.24	0.00	227	42	29	38	1.3
378	SAGAR	SAGAR	SAGAR	DW	78.7680	23.8330	7.23	963	0	421	65	23	3	0.24	0.00	414	105	37	26	2.4
379	SAGAR	SAGAR	BHILLAINYA	DW	78.8169	23.6769	7.65	585	0	256	45	13	6	0.21	0.00	227	65	16	35	1.8
380	SAGAR	SAGAR	REHPURA	DW	78.8140	23.7160	7.68	942	0	342	112	21	7	0.32	0.00	298	71	29	75	1.9
381	SAGAR	SHAHNAGAR	DALPATPUR	DW	79.0170	24.1340	7.48	812	0	250	87	41	32	0.32	0.00	364	105	25	29	1.7
382	SAGAR	SHAHNAGAR	HIRAPUR	DW	79.2110	24.3660	7.81	1689	0	525	205	89	87	0.43	0.00	566	174	32	122	2.1
383	SATNA	MAIIHAR	SABHAGANJ	DW	80.4560	24.0350	7.88	988	0	397	87	26	4	0.65	0.00	345	104	21	72	1.3
384	SATNA	MAIIHAR	JHUKEH	DW	80.4260	24.0040	7.89	1326	0	458	140	45	3	0.46	0.00	410	124	24	111	3.2

385	SATNA	MAIIHAR	NARAURA	DW	80.8410	24.2770	7.98	945	0	317	90	89	6	0.23	0.10	280	92	12	88	2.3
386	SATNA	MAJHGAWAN	MAJHAGAWA	DW	80.8130	24.9110	7.77	912	0	299	130	25	21	0.52	0.00	325	84	28	68	2.6
387	SATNA	MAJHGAWAN	CHOWRAHA	DW	80.7980	24.9780	7.98	777	0	317	65	23	9	0.45	0.10	265	72	21	51	3.2
388	SATNA	NAGOD	PATWARA	DW	80.6210	24.5530	7.98	1623	0	397	212	111	26	0.35	0.00	330	92	24	172	62.3
389	SATNA	RAMNAGAR	DEVRA	DW	80.9970	24.1940	7.85	1156	0	439	90	89	3	0.42	0.00	395	104	33	89	2.3
390	SATNA	RAMPUR-	CHORHATA	DW	80.9170	24.3880	7.58	1645	0	500	202	26	45	0.36	0.00	490	162	21	102	72.3
391	SEHORE	ASTHA	JHILELA	DW	76.5597	22.9980	7.49	745	0	281	57	32	15	0.23	0.00	202	48	20	72	1.2
392	SEHORE	BUDNI	MALIBAYAN	DW	77.4540	22.7510	7.18	610	0	268	25	35	12	0.39	0.00	242	42	33	30	1.0
393	SEHORE	BUDNI	BAYAN	DW	77.5560	22.7340	7.21	742	0	238	77	25	35	0.45	0.00	303	82	24	28	1.0
394	SEHORE	ICHHAWAR	ICHHAWAR	DW	77.0190	23.0320	7.12	1685	0	598	190	40	33	0.29	0.00	646	124	82	92	0.4
395	SEHORE	ICHHAWAR	BORDI	DW	77.0860	22.9730	7.32	365	0	134	25	20	5	0.32	0.00	106	30	8	32	0.6
396	SEHORE	NASRULLAGANJ	RAFIQUEGANJ	DW	77.1716	22.8135	7.45	865	0	378	52	25	19	0.79	0.00	379	70	50	25	0.8
397	SEHORE	SEHORE	SEHORE1	DW	77.0560	23.1620	7.2	726	0	250	57	60	14	0.32	0.00	278	60	31	38	0.6
398	SEHORE	SEHORE	HEERAPUR	DW	77.1730	23.1430	7.45	935	0	299	97	43	33	0.8	0.00	343	50	53	55	1.2
399	SEHORE	SEHORE	CHANDBAR	DW	77.0470	23.3180	8.05	575	0	244	32	15	15	0.52	0.00	242	50	29	19	0.5
400	SEONI	BARGHAT	KAURIA	DW	79.8431	22.0172	7.89	777	0	323	40	35	39	0.42	0.00	265	82	15	49	2.5
401	SEONI	BARGHAT	ARI	DW	79.7119	21.9472	7.98	1152	0	311	202	45	4	0.23	0.00	510	170	21	22	3.2
402	SEONI	BARGHAT	DHARAMKUAN	DW	79.7617	21.8750	7.98	656	0	281	40	26	7	0.42	0.00	160	52	7	75	2.6
403	SEONI	BARGHAT	BORGHAT	DW	79.7472	22.0328	8.02	1023	0	342	130	42	42	0.65	0.10	325	84	28	95	2.1
404	SEONI	CHHAPARA	GHUNAI	DW	79.5653	22.4411	7.95	786	0	378	47	29	9	0.35	0.10	160	46	11	112	2.9
405	SEONI	DHANORA	KUDARI	DW	79.8125	22.4075	7.84	742	0	262	52	32	38	0.42	0.00	275	82	17	38	2.4
406	SEONI	DHANORA	KHAMARIA	DW	79.7911	22.5986	7.86	825	0	397	22	34	33	0.31	0.00	280	64	29	65	3.2
407	SEONI	GHANSAUR	MASURBHANWARI	DW	80.1439	22.6375	7.26	756	0	262	80	31	28	0.42	0.10	280	82	18	41	4.1
408	SEONI	GHANSAUR	KUDOPAR	DW	80.0353	22.6381	7.68	686	0	281	57	29	4	1.11	0.00	210	50	21	59	4.2
409	SEONI	KEOLARI	UGLI	DW	80.0631	22.2575	7.65	842	0	342	67	29	9	1.35	0.00	175	56	9	105	2.2
410	SEONI	KEOLARI	DHANGADA	DW	79.8614	22.3208	7.88	1022	0	397	72	32	29	0.46	0.00	230	64	17	122	2.9
411	SEONI	KEOLARI	KEOLARI	DW	79.9108	22.3714	7.98	655	0	195	87	39	3	0.52	0.00	190	42	21	62	2.4
412	SEONI	KURAI	SUKTARA	DW	79.5231	21.9342	7.32	542	0	214	72	8	6	0.22	0.00	160	36	17	58	1.8
413	SEONI	KURAI	PIPARIA1	DW	79.4878	21.7828	7.46	688	0	275	60	29	4	0.42	0.00	160	52	7	85	1.9
414	SEONI	KURAI	KHAWASA	DW	79.4719	21.7619	7.86	522	0	189	65	9	5	0.35	0.10	175	46	15	43	2.1
415	SEONI	LAKHNADON	MADAI	DW	79.5950	22.5403	7.56	612	0	256	45	34	3	0.87	0.00	210	64	12	48	2.4
416	SEONI	LAKHNADON	GHARGHATIA	DW	79.7897	22.6728	7.89	512	0	220	47	29	7	0.18	0.10	195	38	24	36	2.9
417	SEONI	LAKHNADON	GAURABIBI NEW	DW	79.4961	22.7200	7.95	623	0	281	47	27	9	0.29	0.00	190	42	21	65	3.2
418	SEONI	SEONI	BAMANDEHI	DW	79.5797	22.0461	7.56	389	0	153	37	23	8	0.53	0.00	175	46	15	12	2.2
419	SEONI	SEONI	BAMHODI	DW	79.6581	22.0644	7.65	745	0	317	72	26	6	0.42	0.10	175	30	24	95	2.9
420	SEONI	SEONI	RAHIWARA	DW	79.5356	22.2203	7.83	812	0	403	32	33	8	0.62	0.10	310	82	26	49	2.9
421	SEONI	SEONI	PALARI	DW	79.8092	22.3081	7.88	912	0	458	60	28	4	0.56	0.00	340	82	33	65	3.2
422	SHAHDOL	BEOHARI	BEOHARI	DW	81.3742	23.9948	7.43	741	0	195	137	10	3	0.12	0.00	167	42	15	98	2.9
423	SHAHDOL	BURHAR	BANDHUA TOLA	DW	81.6890	23.4320	6.82	576	0	238	32	41	2	0.17	0.00	268	93	9	21	1.2
424	SHAHDOL	BURHAR	KOTRI NEW	DW	81.7203	23.4573	6.94	332	0	92	17	49	2	0.24	0.00	121	42	4	20	1.3
425	SHAHDOL	BURHAR	GIRWAH NEW	DW	81.6976	23.2597	7.27	1052	0	348	147	32	1	0.55	0.30	273	71	23	121	2.6
426	SHAHDOL	BURHAR	BAHGAD	DW	81.6670	23.3550	7.31	624	0	122	100	15	68	0.16	0.00	207	65	11	50	1.3
427	SHAHDOL	BURHAR	KHARLA	DW	81.6027	23.2838	7.48	378	0	177	17	6	2	0.29	0.00	172	46	14	10	1.0

428	SHAHDOL	BURHAR	KHAMHIDOL	DW	81.7320	23.3690	7.66	1133	0	348	142	36	52	0.27	0.00	323	85	27	110	3.2
429	SHAHDOL	BURHAR	BURHAR NEW	DW	81.5243	23.2209	7.67	386	0	116	60	5	5	0.16	0.00	157	42	12	15	1.9
430	SHAHDOL	BURHAR	BHIKHAMPUR NEW	DW	81.6721	23.4417	7.86	836	0	232	120	20	46	0.18	0.10	313	91	21	53	2.6
431	SHAHDOL	GOHPARU	SARSI	DW	81.4010	23.5810	7.28	250	0	79	17	25	9	0.14	0.00	86	20	9	21	2.1
432	SHAHDOL	GOHPARU	GOHPARU NEW	DW	81.4057	23.4859	7.52	444	0	195	30	12	2	0.28	0.00	182	46	16	17	3.2
433	SHAHDOL	JAISINGHNAGAR	BHURKA	DW	81.3760	23.7140	6.8	980	0	470	57	20	3	0.49	0.00	258	73	18	105	2.3
434	SHAHDOL	JAISINGHNAGAR	UMARKHOHI	DW	81.4940	23.8560	6.98	230	0	79	12	5	20	0.23	0.00	61	18	4	21	1.2
435	SHAHDOL	JAISINGHNAGAR	JAISINGHNAGAR NEW	DW	81.3909	23.6895	7.02	970	0	281	122	30	65	0.29	0.90	343	105	20	72	1.6
436	SHAHDOL	JAISINGHNAGAR	AMJHOR NEW	DW	81.5400	23.6676	7.22	529	0	49	127	4	44	0.15	0.00	152	44	10	51	2.3
437	SHAHDOL	JAISINGHNAGAR	TIKHI NEW	DW	81.3628	23.9340	7.23	1213	0	488	132	12	5	0.71	0.00	354	113	17	120	1.8
438	SHAHDOL	JAISINGHNAGAR	KARKI	DW	81.3880	23.8080	7.52	605	0	195	60	25	39	0.18	0.00	177	53	11	58	2.4
439	SHAHDOL	JAISINGHNAGAR	DEORI	DW	23.7472	81.2889	7.53	1644	0	531	162	65	127	0.31	0.20	419	113	33	120	####
440	SHAHDOL	JAISINGHNAGAR	KANADI KHURD NEW	DW	81.3460	23.7625	7.68	720	0	317	42	25	18	0.42	0.00	247	65	21	52	2.4
441	SHAHDOL	JAISINGHNAGAR	SIDI	DW	81.6650	23.6920	7.86	449	0	134	52	25	14	0.11	0.00	172	53	10	23	2.1
442	SHAHDOL	SOHAGPUR	SHAHDOL	DW	81.3600	23.2990	6.92	1105	0	464	87	49	2	0.49	0.90	424	113	34	60	1.4
443	SHAHDOL	SOHAGPUR	KANCHANPUR NEW	DW	81.4611	23.2572	6.95	1252	0	336	182	70	27	0.47	0.00	460	152	20	76	1.8
444	SHAHDOL	SOHAGPUR	SINGHPUR NEW	DW	81.4177	23.2085	7.52	1200	0	464	95	35	64	0.31	0.30	273	73	22	152	1.5
445	SHAJAPUR	KALAPIPAL	NANDNI	DW	76.9380	23.3180	7.23	745	0	382	22	19	46	0.45	0.00	298	77	26	42	1.2
446	SHAJAPUR	KALAPIPAL	KHOKHRA KALAN	DW	76.9730	23.4664	7.56	845	0	333	64	32	32	0.48	0.00	313	85	25	45	1.6
447	SHAJAPUR	MOMAN BADODIYA	SALSALAI	DW	76.5380	23.4640	7.65	1296	0	555	98	11	7	0.29	0.00	404	105	34	92	5.6
448	SHAJAPUR	SHAJAPUR	TILAWAD GOVIND	DW	76.3330	23.3100	7.23	812	0	253	71	68	41	0.42	0.00	253	65	22	65	1.6
449	SHAJAPUR	SHAJAPUR	MAJHANIA	DW	76.3210	23.4480	7.89	888	0	493	27	15	8	0.39	0.00	278	71	25	72	4.2
450	SHAJAPUR	SHUJALPUR	MORTA KEWARI	DW	76.5540	23.2570	7.65	1156	0	444	100	56	51	0.38	0.00	379	59	57	92	2.6
451	SHEOPUR	KARAHAL	GORAS	DW	76.9450	25.5344	7.12	712	0	317	57	21	5	0.23	0.00	230	64	17	59	2.1
452	SHEOPUR	KARAHAL	NONPURA	DW	77.1314	25.5222	7.26	945	0	360	111	32	7	0.56	0.00	355	104	23	62	1.3
453	SHEOPUR	KARAHAL	PAHELA	DW	76.8872	25.4239	7.82	710	0	238	79	32	23	0.23	0.00	195	46	19	75	3.2
454	SHEOPUR	SHEOPUR	BARODA NEW	DW	76.6558	25.4906	7.56	1156	0	311	139	95	21	0.52	0.00	355	106	22	95	0.9
455	SHEOPUR	SHEOPUR	FILOJPURA	DW	76.6650	25.5850	7.82	1456	0	494	129	26	111	0.56	0.10	410	118	28	132	2.3
456	SHEOPUR	VIJAYPUR	PURA	DW	76.9914	25.9533	7.23	1045	0	128	156	32	185	0.35	0.00	410	118	28	52	1.9
457	SHEOPUR	VIJAYPUR	GARHI1	DW	77.3058	26.1200	7.52	1025	0	415	64	42	26	0.43	0.00	405	118	27	52	1.1
458	SHEOPUR	VIJAYPUR	SHYAMPUR	DW	77.0342	26.0811	7.56	1565	0	342	166	123	165	0.24	0.10	380	106	28	175	1.8
459	SHEOPUR	VIJAYPUR	GHASWANI	DW	77.5061	25.8917	7.62	1423	0	317	153	142	123	0.29	0.00	360	122	13	152	3.2
460	SHIVPURI	KARERA	AWAS	DW	78.3510	25.4730	7.42	1025	0	397	64	52	65	0.89	0.00	325	92	23	82	0.9
461	SHIVPURI	KARERA	SIKANDARA	DW	78.3650	25.4720	7.53	800	0	299	40	49	62	0.95	0.00	180	62	6	92	1.2
462	SHIVPURI	KHANIYADHANA	BAMORKALAN NEW	DW	78.1510	24.8860	7.29	1025	0	275	101	29	112	0.75	0.10	360	104	24	62	2.3
463	SHIVPURI	KHANIYADHANA	SHUBASPURA	DW	77.7475	25.7353	7.53	845	0	317	59	36	36	0.37	0.00	345	104	21	28	1.7
464	SHIVPURI	KHANIYADHANA	SITAPUR	DW	78.2070	25.1330	7.86	688	0	189	72	32	95	0.65	0.00	275	62	29	36	1.1
465	SHIVPURI	NARWAR	SEHORE	DW	78.1060	25.6650	7.45	2596	0	482	552	27	93	0.43	0.20	960	304	49	135	5.2
466	SHIVPURI	PICHHORE	SEMRI	DW	78.1120	25.1820	7.65	1023	0	397	84	29	72	0.42	0.00	260	84	12	123	1.2
467	SHIVPURI	POHARI	AINPURA	DW	77.4100	25.6470	7.82	1568	0	293	252	45	142	0.26	0.10	430	118	33	142	3.1
468	SHIVPURI	SHIVPURI	BHAGORA	DW	77.7600	25.4180	7.49	2510	0	866	203	189	106	0.29	0.10	930	270	62	136	2.8
469	SIDHI	DEOSAR	TIKRI	DW	81.8630	24.1620	7.23	745	0	262	90	16	24	0.22	0.00	280	84	17	42	3.2
470	SIDHI	DEOSAR	MAHUA GAON	DW	81.9470	24.0470	7.65	845	0	378	80	12	4	0.65	0.00	275	84	16	72	2.4

471	SIDHI	KUSMI	TAMSAR	DW	81.9070	24.0350	7.46	1125	0	397	140	22	6	0.35	0.10	325	104	16	102	2.9
472	SIDHI	KUSMI	DHUANDOL	DW	81.8478	24.1017	7.56	812	0	317	62	32	12	0.53	0.10	295	86	19	46	3.2
473	SIDHI	KUSMI	KODAR	DW	81.9694	23.9772	7.86	542	0	140	57	26	65	0.26	0.10	225	56	21	20	4.2
474	SIDHI	KUSMI	BASTUA	DW	81.7086	23.9867	7.89	785	0	311	57	17	42	0.22	0.00	325	84	28	38	2.3
475	SIDHI	MAJHAULI	NOUDHIYA SHIKARGAH	DW	81.4875	24.1867	7.98	715	0	317	47	35	16	0.42	0.10	290	78	23	35	3.2
476	SIDHI	MAJHOLI	MAJHAULI	DW	81.6300	24.1200	7.26	1045	0	360	140	13	5	0.35	0.00	315	98	17	82	2.5
477	SIDHI	MAJHOLI	PARSILLI	DW	81.4883	24.1467	7.35	845	0	311	80	42	6	0.26	0.10	325	86	27	45	2.2
478	SIDHI	MAJHOLI	SEMARIHA	DW	81.5522	24.1328	7.89	915	0	342	85	12	42	0.86	0.00	345	90	29	52	3.2
479	SIDHI	RAMPUR NAIKIN	CHOURHAT	DW	81.6733	24.4250	7.68	845	0	342	90	11	2	0.65	0.00	340	96	24	45	3.5
480	SIDHI	RAMPUR NAIKIN	BAGHWAR	DW	81.3792	24.3311	7.89	845	0	378	57	15	3	0.42	0.00	330	92	24	32	2.6
481	SIDHI	SIDHI	CHOUPHAL	DW	81.7880	24.2890	7.49	745	0	342	37.5	26	11	0.56	0.1	275	70	24.3	39	4.2
482	SIDHI	SIHAWAL	SIHAWAL	DW	82.2392	24.5617	7.13	1045	0	397	105	19	9	0.42	0	360	104	24.3	59	4.1
483	SIDHI	SIHAWAL	BAHARI	DW	82.1708	24.4467	7.5	825	0	348	57.5	35	12	0.53	0.1	325	84	28	42	4.6
484	SIDHI	SIHAWAL	KUCHWAHI	DW	81.9769	24.4061	7.56	935	0	439	60	14	14	0.36	0	310	86	23.1	68	2.3
485	SINGRAULI	CHITRANGI	GODWALD	DW	82.5057	24.2181	7.56	1145	0	342	155	35	29	0.86	0	305	102	12.2	112	1.7
486	SINGRAULI	CHITRANGI	KHIRWA	DW	82.6514	24.2352	7.86	745	0	311	72.5	16	5	0.48	0	270	86	13.4	51	1.8
487	SINGRAULI	CHITRANGI	BICHHIYA	DW	82.2842	24.4185	7.98	842	0	384	57.5	11	5	0.18	0	325	96	20.7	38	1.9
488	SINGRAULI	DEOSAR	BANJARI	DW	81.9303	24.0878	7.42	915	0	378	77.5	16	19	0.27	0	240	68	17	87	2.1
489	SINGRAULI	WAIDHAN	JATTHA TOLA	DW	82.2558	24.0472	7.23	489	0	232	40	3	3	0.09	0.1	190	48	17	32	1.6
490	SINGRAULI	WAIDHAN	PARSAUNA NEW	DW	82.5575	24.0892	7.36	812	0	299	72.5	42	3	0.21	0.1	235	56	23.1	78	2.6
491	SINGRAULI	WAIDHAN	MAHEDIYA	DW	82.5487	24.2120	7.77	545	0	207	45	27	3	0.23	0.1	190	42	20.7	32	1.7
492	SINGRAULI	WAIDHAN	CHAURA	DW	82.4717	24.0111	7.98	899	0	293	112	9	5	0.17	0	260	72	19.5	78	2.1
493	TIKAMGARH	BALDEOGARH	MANIKPUR	DW	79.1706	24.8481	7.32	758	0	308	34.3	30	36	0.89	0.1	303	70.7	30.7	26	2.7
494	TIKAMGARH	JATARA	BAWARI	DW	78.8386	24.9200	7.22	605	0	296	22.1	11	8	0.39	0	253	64.6	22.1	20	5
495	TIKAMGARH	JATARA	DIGAPURA	DW	78.8390	24.9710	7.22	1010	0	357	93.1	35	48	1.02	0	359	78.8	39.3	65	3.7
496	TIKAMGARH	JATARA	JATARA	DW	79.0475	25.0031	7.4	995	0	444	68.6	18	10	0.45	0	273	58.6	30.7	95	9.1
497	TIKAMGARH	NIWARI	ORCHHA	DW	78.6411	25.3494	7.24	1000	0	339	115	32	22	1.1	0	404	117	27	40	4.8
498	TIKAMGARH	PRITHVIPUR	NENGAWAN	DW	78.6733	25.2547	7.11	1242	0	320	142	50	105	0.85	0	444	117	36.8	73	5.8
499	TIKAMGARH	PRITHVIPUR	BIRORAKHET	DW	78.7917	25.1150	7.33	500	0	246	17.2	8	4	0.46	0	192	50.5	16	25	1.9
500	TIKAMGARH	TIKAMGARH	TIKAMGARH	DW	78.8380	24.7440	6.99	1585	0	327	309	40	20	0.59	0.12	470	137	30.7	139	2.5
501	UJJAIN	BADNAGAR	KHAROTIA NEW	DW	75.6286	23.1617	7.68	1545	0	421	203	49	46	0.51	0	485	149	27.7	132	3.2
502	UJJAIN	BADNAGAR	CHHOTI GHADSOD NEW	DW	75.4556	23.1103	7.89	1710	0	378	277	72	78	0.51	0	421	149	12	212	3.2
503	UJJAIN	GHATIA	RUIE NEW	DW	75.6600	23.2831	7.82	1545	0	397	228	42	88	0.52	0.1	554	176	27.7	112	1.6
504	UJJAIN	KHACHROD	KACHORD NEW	DW	75.2861	23.4253	7.56	1825	0	500	327	32	36	0.62	0	574	170	36.1	145	2.6
505	UJJAIN	KHCHROD	UNHEL	DW	75.5494	23.3356	7.84	1689	0	500	228	52	41	0.46	0.1	609	194	30.1	123	2.6
506	UJJAIN	MAHIDPUR	KHERA KHAJURIA	DW	75.7961	23.4617	7.23	1689	0	476	285	43	9	0.72	0.1	505	162	24.1	165	2.1
507	UJJAIN	MAHIDPUR	MAHIDPURTOWN	DW	75.6653	23.4894	7.46	1425	0	482	161	49	41	0.7	0.1	470	137	31.3	98	3.2
508	UJJAIN	MAHIDPUR	BAIJNATH	DW	75.7589	23.6028	7.92	1550	0	360	252	56	53	0.75	0	624	162	53	80	2.3
509	UJJAIN	MAHIDPUR	DELCHI BUZURG	DW	75.5708	23.5325	7.98	1612	0	439	252	41	51	0.52	0	510	180	14.4	126	2.5
510	UJJAIN	TARANA	RUPAKHEDI	DW	75.9714	23.4731	7.65	1189	0	336	181	52	42	0.51	0	470	149	24.1	68	2.1
511	UJJAIN	TARANA	SUMRA KHEDA	DW	76.0617	23.2667	7.65	1486	0	342	213	59	49	0.56	0.1	371	123	15.7	156	3.6
512	UJJAIN	TARANA	MAKDON	DW	76.0722	23.5022	7.89	1912	0	494	319	56	29	0.46	0	505	168	20.5	212	3.1
513	UJJAIN	UJJAIN	VIJAYGANJ MANDI	DW	75.9514	23.2217	7.56	1312	0	256	252	43	23	0.42	0	485	160	20.5	65	3.1

514	UJJAIN	UJJAIN	UJJAIN NAGAR PALIKA	DW	75.7822	23.1858	7.68	1698	0	525	213	51	46	0.69	0.2	559	176	28.9	125	5.2
515	UJJAIN	UJJAIN	DABLA REHWARI	DW	75.8156	23.2544	8.02	1025	0	421	56.9	43	56	0.56	0.1	426	150	12	35	2.2
516	UMARIA	KARKELI	KARKELI NEW	DW	80.9064	23.4644	6.89	723	0	275	52.5	30	8	0.16	0	263	64.6	24.6	36	2.2
517	UMARIA	KARKELI	CHOTI PALI	DW	80.7536	23.5958	7.2	471	0	116	45	24	49	0.11	0	152	34.3	16	35	2.3
518	UMARIA	KARKELI	UMARIA	DW	80.8347	23.5267	7.24	784	0	293	50	36	23	0.42	0.3	323	58.6	43	28	1.1
519	UMARIA	KARKELI	BICHUA	DW	80.7467	23.4656	7.25	366	0	122	47.5	10	1	0.35	0	131	38.4	8.6	23	2.6
520	UMARIA	MANPUR	PARASI	DW	80.9411	23.6639	6.97	565	0	153	57.5	30	14	0.09	0	192	42.4	20.9	28	1.6
521	UMARIA	MANPUR	DHAMOKHAR NEW	DW	80.9228	23.6314	7.04	683	0	293	25	14	42	0.23	0	237	78.8	9.83	38	5
522	UMARIA	MANPUR	PATAUR NEW	DW	81.0317	23.7589	7.13	611	0	305	25	12	9	0.32	0.1	227	76.8	8.6	39	2.9
523	UMARIA	PALI	GHUNGHUTI NEW	DW	81.1924	23.3492	7.4	843	0	232	37.5	30	146	0.14	0	227	56.6	20.9	76	2.3
524	UMARIA	PALI	ZERO ROAD	DW	81.0836	23.3567	7.49	1148	0	470	100	30	22	0.65	0	308	72.7	30.7	131	1.3
525	UMARIA	PALI	AMILIYA	DW	81.2978	23.3219	7.74	777	0	268	57.5	28	5	0.32	0	157	26.3	22.1	87	3.3
526	VIDISHA	GYARASPUR	ATARI KHEJDA	DW	78.0280	23.6150	7.73	598	0	256	37.5	8	26	0.6	0	250	43.1	34.6	20	1.5
527	VIDISHA	GYARASPUR	GYARASPUR1	DW	78.1140	23.6670	7.89	1010	0	311	135	10	29	0.36	0	353	88.2	32.2	67	1
528	VIDISHA	LATERI	TAJPURA	DW	77.2930	24.0620	7.22	608	0	262	30	7	22	0.03	0	240	51	27.4	21	0.8
529	VIDISHA	NETERAN	NATERAN NEW	DW	77.7753	23.7622	7.96	1160	0	439	122	8	25	0.47	0.05	446	112	40.5	60	1.8
530	VIDISHA	SIRONJ	SIRONJ1	DW	77.6890	24.0990	7.33	1005	0	397	105	10	10	0.25	0	343	80.4	34.6	70	1.8
531	VIDISHA	VIDISHA	PATTAN	DW	77.6570	23.7250	7.61	1271	0	433	170	11	6	0.15	0.1	353	82.3	35.8	127	3.3

End of Results

Sl. No.	District	Block/Locality	Location/Location Detail	Source	Lat.	Long.	Fe	Mn	Cu	Zn	As	Pb	Cr	U
							ppm				ppb			
1	AGAR MALWA	AGAR	AGAR NEW	DW	23.7180	76.0080	0.007	0.000	0.003	0.008	0.0	2.9	0.0	0.9
2	AGAR MALWA	NALKHEDA	AMLA	DW	23.8530	76.1040	0.007	0.003	0.004	0.012	0.0	2.8	0.0	0.0
3	AGAR MALWA	BADOD	JHOUNTA	DW	23.7330	75.9460	0.009	0.002	0.005	0.013	0.4	2.5	0.0	0.0
4	AGAR MALWA	SUSNER	SUSNER NEW	DW	23.9440	76.1010	0.010	0.002	0.006	0.024	0.0	3.5	0.2	1.2
5	AGAR MALWA	BADOD	MATKOTRA	DW	23.7390	75.8530	0.003	0.001	0.000	0.000	0.0	2.5	0.0	2.8
6	AGAR MALWA	AGAR	KANAD	DW	23.6680	76.1740	0.007	0.004	0.007	0.013	0.5	4.2	0.3	3.0
7	AGAR MALWA	AGAR	KASHI BARDIYA	DW	23.7730	76.0440	0.006	0.001	0.002	0.012	0.0	3.2	0.0	4.6
8	AGAR MALWA	BADOD	BAROD	DW	23.7880	75.8060	0.009	0.005	0.000	0.007	0.0	3.9	0.0	3.9
9	AGAR MALWA	NALKHEDA	NALKHEDA	DW	23.8360	76.2440	0.016	0.005	0.002	0.006	0.0	2.8	0.0	0.0
10	AGAR MALWA	SUSNER	GURADI BANGLA	DW	24.0800	76.1550	0.022	0.003	0.003	0.007	0.0	3.6	0.0	3.5
11	AGAR MALWA	SUSNER	SOYAT	DW	24.1880	76.1740	0.006	0.001	0.000	0.005	0.9	3.6	1.6	4.3
12	ALIRAJPUR	ALIRAJPUR	BORKUA	DW	22.2236	74.3422	0.229	0.015	0.000	0.000	0.0	0.8	0.0	2.1
13	ALIRAJPUR	JOBAT	BADAGUDA	DW	22.4297	74.5172	0.079	0.022	0.006	0.000	0.0	1.6	0.0	3.3
14	ALIRAJPUR	ALIRAJPUR	ALIRAJPUR	DW	22.3094	74.3525	0.035	0.024	0.010	0.036	0.0	1.8	0.3	6.9
15	ALIRAJPUR	KATTHIWARA	KATHIWARA	DW	22.4808	74.1503	0.040	0.017	0.000	0.062	0.0	0.8	0.0	1.1
16	ANUPPUR	PUSHPARAJGARH	AMARKANTAK	DW	22.6744	81.7611	0.084	0.028	0.009	0.060	0.0	2.6	0.6	0.0
17	ANUPPUR	ANUPPUR	ANUPPUR NEW	DW	23.1158	81.7036	0.024	0.002	0.006	0.018	0.9	2.8	0.2	0.0
18	ANUPPUR	PUSHPARAJGARH	BASANIHA	DW	22.9310	81.6080	0.108	0.010	0.003	0.025	0.0	3.1	1.4	0.0
19	ANUPPUR	PUSHPRAJGARH	NOONGHATI	DW	22.8364	81.6881	0.069	0.010	0.005	0.015	0.0	2.4	0.4	0.0
20	ANUPPUR	ANUPPUR	SAJAH	DW	23.0267	81.6075	0.063	0.006	0.002	0.014	0.0	2.4	0.2	1.0
21	ANUPPUR	JAITHARI	DEOHARA	DW	23.1431	81.5972	0.038	0.008	0.003	0.025	0.6	2.2	0.2	0.0
22	ANUPPUR	JAITHARI	DHANGAON NEW	DW	23.043	81.847	0.017	0.005	0.003	0.026	0.6	1.9	0.3	0.0
23	ANUPPUR	JAITHARI	LAPTA	DW	22.9836	81.8894	0.011	0.004	0.005	0.010	0.0	2.6	0.0	0.0
24	ANUPPUR	KOTMA	JHIRIYATOLA NEW	DW	23.211	82.104	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
25	ANUPPUR	KOTMA	KOTMA	DW	23.1958	81.9786	0.017	0.006	0.002	0.031	0.0	1.8	0.7	0.0
26	ANUPPUR	JAITHARI	MURRA TOLA	DW	23.0560	81.7930	0.021	0.067	0.000	0.011	0.0	2.4	0.0	0.0
27	ANUPPUR	JAITHARI	JAMUDI	DW	23.0664	81.6328	0.241	0.048	0.006	0.040	0.0	2.4	0.8	1.1
28	ANUPPUR	PUSHPRAJGARH	PIPRAHA NEW	DW	22.8611	81.6372	0.118	0.012	0.005	0.024	0.0	2.5	0.5	0.0
29	ANUPPUR	PUSHPARAJGARH	PODKI	DW	22.7840	81.7290	0.030	0.002	0.002	0.023	0.0	2.2	0.6	0.0
30	ANUPPUR	KOTMA	DEVGAWAN	DW	23.244	81.896	0.027	0.007	0.006	0.031	0.9	1.8	0.3	2.4
31	ANUPPUR	ANUPPUR	BARBASPUR	DW	23.0992	81.9431	0.021	0.012	0.004	0.055	0.0	2.6	0.5	0.0
32	ANUPPUR	ANUPPUR	FUNGA	DW	23.183	81.823	0.043	0.116	0.005	0.060	0.0	2.2	0.4	0.0
33	ASHOK NAGAR	MUNGAOLI	DAMDAMA	DW	24.3660	77.8750	0.010	0.018	0.000	0.007	0.0	2.8	0.0	0.0
34	ASHOK NAGAR	MUNGAOLI	KHALILPUR	DW	24.5590	78.0880	2.468	0.054	0.000	0.000	0.0	3.4	0.0	0.0
35	ASHOK NAGAR	ASHOKNAGAR	SHADORA	DW	24.6200	77.5900	0.015	0.445	0.004	0.000	0.0	1.6	0.0	0.0
36	ASHOK NAGAR	CHANDERI	CHANDERI	DW	24.7120	78.1360	0.008	0.019	0.003	0.008	4.3	2.2	0.0	0.0
37	ASHOK NAGAR	MUNGAOLI	SAHRAI	DW	24.5290	78.1020	0.009	0.006	0.000	0.005	0.7	2.6	0.0	0.0
38	ASHOK NAGAR	ISAGARH	DHAKONI	DW	24.7630	77.8580	0.115	0.044	0.003	0.027	0.0	2.5	0.0	0.0
39	ASHOK NAGAR	ISAGARH	ISAGARH	DW	24.8420	77.8800	2.453	0.054	0.000	0.000	0.0	3.3	0.0	0.0

40	ASHOK NAGAR	MUNGAOLI	MUNGAOLI	DW	24.4030	78.1090	0.008	0.001	0.002	0.015	0.0	2.1	0.2	1.3
41	ASHOK NAGAR	MUNGAOLI	SEHPURA CHAK	DW	24.4530	78.1000	0.004	0.021	0.000	0.004	0.6	1.9	0.0	1.3
42	ASHOK NAGAR	ISAGARH	SHANKARPUR	DW	24.7550	77.9210	0.015	0.009	0.002	0.008	0.0	2.3	0.0	0.0
43	ASHOK NAGAR	MUNGAOLI	BAHADURPUR	DW	24.3420	77.9690	0.013	0.001	0.000	0.007	0.0	1.5	0.4	3.3
44	ASHOK NAGAR	ASHOKNAGAR	BARKHEDA	DW	24.5710	77.8060	0.007	0.001	0.000	0.004	0.0	2.8	0.2	1.0
45	ASHOK NAGAR	ISAGARH	PACHLANA	DW	24.7810	77.8030	0.012	0.004	0.000	0.006	0.0	2.8	0.0	1.8
46	ASHOK NAGAR	MUNGAOLI	ATHAIKHERA	DW	24.4300	77.8160	0.024	0.045	0.000	0.007	1.0	2.4	0.2	4.8
47	ASHOK NAGAR	ASHOKNAGAR	SEMIRISAHABAD	DW	24.6280	77.5630	0.043	0.104	0.000	0.004	0.8	2.6	0.0	1.6
48	ASHOK NAGAR	ASHOKNAGAR	SANKAT MOCHAN	DW	24.6150	77.7310	0.016	0.001	0.000	0.018	0.0	3.1	0.0	1.8
49	ASHOK NAGAR	ISAGARH	SARASKHERI	DW	24.7360	77.7890	0.023	0.001	0.000	0.005	0.0	2.1	0.0	2.2
50	ASHOK NAGAR	CHANDERI	NATYAKHEDA	DW	78.0358	24.7125	0.005	0.014	0.000	0.004	4.9	2.3	0.0	1.0
51	BALAGHAT	WARASEONI	WARASEONI1	DW	21.7630	80.0520	0.000	0.000	0.004	0.068	0.5	0.0	1.1	0.0
52	BALAGHAT	LANJI	DEVERBELI	DW	21.6240	80.6600	0.812	0.449	0.008	0.042	0.4	0.0	2.5	0.0
53	BALAGHAT	PARASWADA	KHURMUNDI	DW	22.1250	80.4810	0.337	0.030	0.013	0.044	0.0	0.0	0.0	0.0
54	BALAGHAT	BAIHAR	BHAISANGHAT	DW	22.1830	80.7140	0.127	0.003	0.002	0.035	0.0	6.5	0.4	0.0
55	BALAGHAT	BALAGHAT	BALAGHAT	DW	21.8130	80.1840	2.200	0.000	0.007	0.108	0.8	0.0	0.0	0.0
56	BALAGHAT	BAIHAR	GARHI NEW	DW	22.2322	80.7933	0.388	0.233	0.000	0.043	0.0	2.7	0.5	0.0
57	BALAGHAT	KIRNAPUR	KIRNAPUR	DW	21.6260	80.3290	0.105	0.054	0.003	0.051	0.0	7.1	0.6	1.4
58	BALAGHAT	BIRSA	DAMOH2	DW	21.8960	80.7950	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
59	BALAGHAT	KATANGI	KATANGI	DW	21.7710	79.8030	0.083	0.036	0.000	0.026	0.0	1.4	0.6	3.7
60	BALAGHAT	BIRSA	SALETEKHRI	DW	21.7810	80.8100	0.710	0.022	0.000	0.033	0.5	2.3	0.4	0.0
61	BALAGHAT	LANJI	PALDONGRI	DW	21.4710	80.4880	0.857	0.076	0.000	0.000	0.0	2.2	0.0	0.7
62	BALAGHAT	KATANGI	KATEDHARA	DW	21.7140	79.7970	0.036	0.045	0.002	0.025	0.0	2.4	0.0	13.1
63	BALAGHAT	BAIHAR	JAWADITULA	DW	22.2360	80.8710	0.278	0.040	0.004	0.034	0.0	1.6	0.7	0.0
64	BALAGHAT	LALBARRA	KANJAI	DW	22.0260	79.9860	0.069	0.013	0.000	0.092	0.0	1.7	0.7	12.4
65	BALAGHAT	BALAGHAT	KANKI	DW	21.8320	80.1520	0.089	0.008	0.002	0.107	0.0	0.0	0.7	0.0
66	BALAGHAT	LANJI	BAGHATOLA	DW	21.3980	80.6270	0.737	0.081	0.005	0.063	0.8	0.0	1.6	0.0
67	BALAGHAT	KATANGI	BONKATTA	DW	21.6060	79.7630	0.097	0.013	0.002	0.017	0.0	0.0	0.5	14.6
68	BALAGHAT	KHAIRLANJI	RAMPALLI	DW	21.6640	80.0170	0.199	0.035	0.010	0.039	0.0	0.0	1.2	0.7
69	BALAGHAT	PARASWADA	LAUGUR	DW	21.9300	80.3520	0.000	0.000	0.000	0.048	0.8	0.0	0.4	0.0
70	BALAGHAT	KIRNAPUR	RAJEGAON	DW	21.6310	80.2500	0.057	0.006	0.000	0.022	0.0	2.0	2.3	3.5
71	BALAGHAT	WARASEONI	KOCHWAHI	DW	21.7900	79.9290	0.990	0.065	0.005	0.000	0.0	0.0	2.8	0.7
72	BALAGHAT	BALAGHAT	SALETEKA NEW	DW	21.7050	80.2250	0.619	0.086	0.019	0.000	0.0	0.0	0.0	2.0
73	BALAGHAT	PARASWADA	PARASWARA	DW	22.1760	80.3010	0.000	0.236	0.003	0.044	5.2	6.8	1.2	0.0
74	BALAGHAT	BALAGHAT	MAGARDARTA	DW	21.9660	80.1250	0.089	0.008	0.002	0.061	0.0	0.0	0.4	2.7
75	BALAGHAT	KHAIRLANJI	MIRAGPUR	DW	21.6310	79.8390	0.063	0.012	0.000	0.048	0.0	0.0	0.3	1.9
76	BALAGHAT	BIRSA	MOHAGAON	DW	22.0520	80.6810	1.149	0.016	0.003	0.098	0.0	0.0	1.0	1.1
77	BALAGHAT	BAIHAR	MUKKI	DW	22.1540	80.6720	0.202	0.034	0.004	0.000	0.0	0.0	0.0	0.0
78	BALAGHAT	WARASEONI	NEWARGAON	DW	21.8110	80.0460	0.350	0.000	0.000	0.034	0.4	0.0	0.9	1.7
79	BALAGHAT	PARASWADA	BAGHOLI	DW	22.1420	80.3690	0.183	0.009	0.004	0.056	0.0	0.0	1.4	0.0
80	BALAGHAT	PARASWADA	RANGPATBABA	DW	22.1530	80.2170	1.427	0.260	0.004	0.030	0.9	0.0	0.7	0.0
81	BALAGHAT	BAIHAR	PARSATOLA	DW	22.0120	80.5460	0.900	0.018	0.004	0.066	0.0	0.0	2.2	0.0

82	BALAGHAT	LALBARRA	KATANG TOLA	DW	21.9480	80.0470	0.139	0.021	0.005	0.032	0.6	0.0	1.6	0.0
83	BALAGHAT	KIRNAPUR	BHANEGAON	DW	21.5510	80.4080	2.142	0.180	0.006	0.037	0.5	0.0	0.0	0.0
84	BALAGHAT	BALAGHAT	LAMTA1	DW	22.1420	80.1250	1.036	0.066	0.004	0.051	0.5	0.0	1.8	17.2
85	BALAGHAT	BIRSA	BIRSA	DW	22.0442	80.7175	0.065	0.003	0.002	0.036	0.0	1.9	0.5	0.0
86	BALAGHAT	KATANGI	GARRAGHODA	DW	21.6360	79.7860	1.709	0.000	0.002	0.029	0.0	0.0	0.7	0.0
87	BALAGHAT	BAIHAR	SAMNAPUR	DW	21.9690	80.4900	0.330	0.030	0.004	0.062	0.0	0.0	1.6	0.0
88	BALAGHAT	BAIHAR	SUPKHAR	DW	22.1890	80.9370	0.064	0.015	0.000	0.039	0.6	3.8	0.4	0.0
89	BALAGHAT	WARASEONI	AMAI	DW	21.6760	79.9520	0.043	0.003	0.000	0.025	0.0	0.0	0.4	3.5
90	BALAGHAT	BAIHAR	BAIHARI	DW	22.1040	80.5510	0.047	0.013	0.002	0.040	0.0	1.0	0.5	1.8
91	BARWANI	RAJPUR	PALSUD	DW	21.8230	74.9650	0.090	0.004	0.003	0.024	0.0	1.3	0.0	0.0
92	BARWANI	THIKRI	BORLAI	DW	22.0390	75.0020	0.129	0.020	0.003	0.000	0.0	1.3	0.0	0.0
93	BARWANI	NIWALI	NIWALI1	DW	21.6830	74.9230	0.030	0.019	0.002	0.045	0.0	1.7	0.3	0.0
94	BARWANI	PANSEMAL	DONWAHA	DW	21.6414	74.7514	0.092	0.002	0.002	0.027	0.4	4.2	0.3	0.0
95	BARWANI	RAJPUR	RAJPUR	DW	21.9360	75.1360	0.062	0.002	0.005	0.096	0.5	3.5	0.8	1.1
96	BARWANI	SENDHWA	SENDHWA	DW	21.6940	75.1030	0.029	0.002	0.003	0.029	0.0	2.1	0.5	0.0
97	BARWANI	PANSEMAL	PANSEMAL	DW	21.6683	74.7122	0.032	0.003	0.000	0.018	0.4	2.9	2.0	0.0
98	BARWANI	THIKRI	BARUPHATAK	DW	21.9810	75.3030	0.037	0.082	0.008	0.000	0.0	2.4	0.0	0.0
99	BARWANI	RAJPUR	BALSAMUND	DW	21.8090	75.1750	0.047	0.003	0.000	0.017	0.0	3.4	0.2	0.0
100	BETUL	BETUL	KOLGAON	DW	21.7690	77.8940	0.011	0.002	0.003	0.000	0.0	1.5	0.0	0.0
101	BETUL	AMLA	BODKHI	DW	78.1088	21.9343	0.008	0.000	0.000	0.020	0.0	1.0	0.0	2.4
102	BETUL	Betul	Thani	DW	77.9230	21.6557	0.017	0.008	0.000	0.024	0.0	1.8	0.0	0.0
103	BETUL	BHAINSDEHI	BHAINSDEHI1	DW	21.6440	77.6370	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
104	BETUL	MULTAI	GHATPIPARI	DW	21.8820	78.5190	0.021	0.003	0.000	0.043	0.0	1.3	0.0	0.0
105	BETUL	AMLA	AMLA1	DW	78.1225	21.9226	0.000	0.000	0.000	0.004	0.0	0.0	0.0	2.5
106	BETUL	CHICHOLI	JOGLI	DW	21.9750	77.7010	0.007	0.001	0.002	0.022	0.0	1.7	0.0	9.6
107	BETUL	CHICHOLI	CHIRAPATALA	DW	22.1060	77.5000	0.006	0.000	0.000	0.016	0.0	1.5	0.0	0.0
108	BETUL	MULTAI	KAPASIA	DW	21.8310	78.4150	0.012	0.006	0.000	0.019	0.0	3.3	0.0	0.0
109	BETUL	BHAINSDEHI	GUDAGAON	DW	21.5920	77.7100	0.011	0.001	0.000	0.000	0.0	1.7	0.0	0.0
110	BETUL	ATHNER	MENDHA CHINWAD	DW	77.8673	21.5319	0.425	0.019	0.000	0.000	0.0	1.4	1.2	3.4
111	BETUL	BHAINSDEHI	JHALLAR	DW	21.7260	77.7430	0.013	0.002	0.003	0.091	0.0	2.2	0.2	0.0
112	BETUL	GHODA DONGRI	SARNI	DW	22.1180	78.1430	0.014	0.069	0.002	0.091	0.0	1.5	0.0	0.0
113	BETUL	PRABHAT PATTAN	MASOD NEW	DW	21.6030	78.1180	0.006	0.003	0.000	0.046	0.0	1.2	0.2	0.0
114	BETUL	MULTAI	MULTAIDW	DW	21.7750	78.2560	0.008	0.037	0.002	0.015	0.9	1.2	0.0	0.0
115	BETUL	BETUL	THAPA	DW	21.8550	78.0050	0.558	0.046	0.000	0.000	0.0	1.9	0.0	0.1
116	BETUL	BETUL	GADHA	DW	21.9150	77.7480	0.010	0.001	0.000	0.041	0.0	1.3	0.2	1.7
117	BETUL	BHAINSDEHI	KOTAL KUND	DW	21.4630	77.6580	0.008	0.001	0.000	0.032	0.0	1.5	1.2	0.0
118	BETUL	PRABHAT PATTAN	PATTAN	DW	21.6510	78.2660	0.018	0.001	0.000	0.039	0.0	1.7	0.0	0.0
119	BETUL	BETUL	BETUL1	DW	21.8600	77.9270	0.216	0.004	0.012	0.000	0.0	3.3	1.4	0.0
120	BETUL	BETUL	KHEDI	DW	21.8570	77.8030	0.013	0.001	0.002	0.000	0.0	2.0	0.0	12.2
121	BETUL	PRABHAT PATTAN	JUNAPANI	DW	21.7210	78.3530	0.022	0.000	0.000	0.013	0.0	1.0	0.0	0.0
122	BETUL	BHIMPUR	PAAT	DW	77.4554	21.8890	0.007	0.031	0.002	0.013	0.7	1.1	0.0	0.0
123	BETUL	SHAHPUR	SHAHPUR	DW	22.1890	77.9040	0.000	0.000	0.000	0.000	0.0	0.0	0.0	1.5

124	BETUL	BHAINSDEHI	SANWAL MEDHA	DW	21.5140	77.6990	0.279	0.020	0.000	0.000	0.0	1.4	0.0	0.0
125	BETUL	Kesla	Pathrota	DW	77.7919	22.5782	0.287	0.236	0.000	0.062	0.0	1.9	0.2	5.0
126	BETUL	ATHNER	GUJARMAAL	DW	21.6300	77.9460	0.028	0.009	0.003	0.000	0.0	2.3	0.0	0.0
127	BETUL	SHAHPUR	BHONRA	DW	22.2780	77.8700	0.522	0.274	0.002	0.000	0.0	1.0	0.0	10.3
128	BETUL	AMLA	SASUNDRA	DW	21.8470	78.0920	0.155	0.002	0.002	0.000	0.0	1.4	0.0	0.0
129	BETUL	AMLA	MORANDHANA	DW	78.0742	21.9017	0.007	0.000	0.000	0.009	0.4	0.9	0.0	0.0
130	BHIND	MIHONA	RATANPURA	DW	25.9680	78.8250	0.430	0.053	0.000	0.089	0.0	4.5	0.0	0.8
131	BHIND	ATER	ATER	DW	26.7500	78.6440	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
132	BHIND	GOHAD	KHADER	DW	26.3680	78.4840	0.008	0.000	0.000	0.004	0.4	0.0	0.0	3.3
133	BHIND	GOHAD	MAU	DW	26.2700	78.6670	0.024	0.007	0.000	0.012	0.0	0.0	0.0	3.8
134	BHIND	MEHGAON	MEHGAON	DW	26.4980	78.6010	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
135	BHIND	MIHONA	DABOH	DW	25.9960	78.8790	0.006	0.002	0.002	0.000	0.0	4.1	0.0	3.0
136	BHIND	MIHONA	DEWRI	DW	26.0810	78.9030	0.001	0.000	0.005	0.004	0.0	2.2	2.8	5.0
137	BHIND	MEHGAON	MEROLI	DW	26.5620	78.5300	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
138	BHIND	GOHAD	BHAGATHAR	DW	26.3440	78.4920	0.005	0.001	0.000	0.012	0.0	3.2	0.0	6.0
139	BHIND	GOHAD	BHIRKHARI	DW	26.4750	78.4780	0.011	0.001	0.000	0.000	1.0	5.5	0.0	6.6
140	BHIND	MEHGAON	GORMI	DW	26.5990	78.5020	0.005	0.001	0.000	0.021	0.0	2.7	2.4	5.9
141	BHIND	MEHGAON	CHIROLE	DW	26.3550	78.6340	0.008	0.003	0.000	0.000	0.0	5.4	0.0	14.4
142	BHIND	BHIND	KANKURA	DW	26.6269	78.8569	0.016	0.001	0.000	0.016	0.0	0.0	0.6	9.0
143	BHIND	MIHONA	ALAMPUR	DW	26.0290	78.7970	0.148	0.018	0.005	0.091	3.2	5.2	0.0	7.7
144	BHIND	ATER	PIDORA	DW	26.5458	78.7050	0.069	0.068	0.000	0.007	1.7	0.5	1.1	7.1
145	BHIND	BHIND	NAHRAKAPURA	DW	26.6370	78.9420	0.135	0.010	0.000	0.007	0.0	1.2	0.0	9.0
146	BHOPAL	BERASIA	AMLIA	DW	23.8700	77.2480	0.027	0.009	0.000	0.018	0.0	5.2	0.3	0.0
147	BHOPAL	PHANDA	BARKHERA	DW	23.2310	77.4680	0.034	0.419	0.000	0.008	2.3	1.2	0.3	0.0
148	BHOPAL	PHANDA	CHICHLI	DW	23.2090	77.3760	0.215	0.214	0.002	0.060	0.0	0.0	0.3	0.0
149	BHOPAL	PHANDA	E- 2 NURSERY	DW	23.2200	77.4370	0.047	0.091	0.002	0.017	0.9	0.0	0.2	0.0
150	BHOPAL	PHANDA	ISLAMNAGAR	DW	23.3560	77.4180	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
151	BHOPAL	BERASIA	GUNGA	DW	23.4490	77.3600	0.360	0.008	0.013	0.000	0.0	0.0	1.1	0.0
152	BHOPAL	PHANDA	LAL GHATI	DW	23.2770	77.3760	0.071	0.026	0.000	0.083	0.0	0.0	0.2	0.0
153	BHOPAL	PHANDA	PIPLANI	DW	23.2140	77.4750	0.004	0.001	0.003	0.016	0.0	6.7	0.2	0.0
154	BHOPAL	PHANDA	SARVAR	DW	23.1560	77.3000	0.052	0.008	0.003	0.014	0.0	0.0	1.2	0.0
155	BHOPAL	PHANDA	SHAHJAHANA BAD	DW	23.2660	77.3980	0.288	0.267	0.000	0.021	3.5	6.0	0.2	0.0
156	BHOPAL	BERASIA	SUHAYA KALA	DW	23.7440	77.5100	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
157	BHOPAL	PHANDA	SHAHPURA	DW	23.2070	77.4230	0.363	0.258	0.000	0.073	0.0	0.0	1.0	0.0
158	BHOPAL	PHANDA	BAIRAGARH	DW	23.2730	77.3520	0.038	0.006	0.003	0.012	0.0	2.6	0.3	0.8
159	BHOPAL	PHANDA	NIPANIYA JAAT	DW	23.4100	77.3990	0.008	0.001	0.002	0.010	2.2	4.9	0.0	0.9
160	BHOPAL	BERASIA	PARSORA	DW	77.3065	23.6789	0.063	0.011	0.000	0.011	0.0	0.0	0.4	0.8
161	BHOPAL	PHANDA	BILKHIRIA	DW	23.2540	77.5810	0.030	0.003	0.000	0.011	0.0	4.4	0.2	0.9
162	BHOPAL	PHANDA	BALAMPURGHATI	DW	23.3970	77.5420	0.024	0.018	0.002	0.009	0.0	2.3	0.0	1.2
163	BHOPAL	BERASIA	BERASIA	DW	23.6230	77.4310	0.069	0.011	0.002	0.012	0.4	6.9	0.3	0.8
164	BHOPAL	PHANDA	DIG BANGLA	DW	23.2780	77.4040	0.036	0.062	0.000	0.020	0.6	0.0	0.0	1.3
165	BHOPAL	PHANDA	NABIBAGH	DW	23.3080	77.4040	0.015	0.003	0.000	0.013	0.0	3.8	0.0	1.6

166	BHOPAL	PHANDA	SOUTH T T NAGAR	DW	23.2310	77.4070	0.910	0.105	0.006	0.043	0.0	0.0	2.4	1.7
167	BHOPAL	PHANDA	BARKHEDA PATHANI	DW	23.2140	77.4750	0.094	0.017	0.002	0.020	1.0	0.0	0.4	2.3
168	BHOPAL	BERASIA	RAMGARHA	DW	23.6540	77.3470	0.025	0.012	0.002	0.067	0.0	0.0	0.2	0.9
169	BHOPAL	BERASIA	NAGIRABAD	DW	23.7940	77.2560	0.058	0.007	0.000	0.034	0.0	4.4	0.5	1.9
170	BURHANPUR	BURHANPUR	BURHANPUR NEW	DW	21.3311	76.2336	0.035	0.005	0.000	0.016	0.0	2.4	2.6	0.0
171	BURHANPUR	BURHANPUR	CHANDNIDW	DW	21.4264	76.3506	0.062	0.001	0.000	0.011	0.0	1.4	1.0	0.0
172	BURHANPUR	KHAKNAR	TUKAI THAD	DW	21.4289	76.6533	0.043	0.001	0.000	0.007	0.0	1.4	2.7	0.0
173	BURHANPUR	BURHANPUR	DEHNALA	DW	21.5290	76.3110	0.013	0.002	0.000	0.011	0.0	1.3	0.2	0.0
174	BURHANPUR	BURHANPUR	JHIRI	DW	21.5475	76.2664	0.072	0.210	0.000	0.006	0.0	1.3	0.2	0.0
175	BURHANPUR	KHAKNAR	KARKHEDA	DW	21.3369	76.4867	0.015	0.003	0.002	0.011	0.0	2.1	0.2	0.0
176	BURHANPUR	BURHANPUR	CHAPORA	DW	21.2008	76.1850	0.033	0.001	0.000	0.011	0.5	1.7	0.0	0.8
177	BURHANPUR	KHAKNAR	NEPA NAGAR	DW	21.4533	76.3936	0.017	0.004	0.000	0.010	0.0	1.7	0.2	0.0
178	BURHANPUR	KHAKNAR	PIPALPANI	DW	21.4300	76.6792	0.006	0.005	0.000	0.011	0.0	2.1	0.0	0.0
179	BURHANPUR	KHAKNAR	SHEKHPURA	DW	21.5520	76.7340	0.047	0.290	0.000	0.006	0.0	2.0	0.2	0.0
180	BURHANPUR	BURHANPUR	ICHHAPUR	DW	21.1508	76.1557	0.032	0.006	0.000	0.019	0.0	1.4	0.3	0.8
181	CHHATARPUR	BUXWAHA	AMODHA	DW	24.1994	79.3261	0.864	0.005	0.006	0.000	0.0	5.2	0.3	0.0
182	CHHATARPUR	BIJAWAR	MOTIGARH	DW	24.6133	79.6692	0.066	0.004	0.003	0.026	0.0	4.1	0.6	0.0
183	CHHATARPUR	BUXWAHA	BUXWAHA	DW	24.2486	79.2872	0.049	0.007	0.002	0.000	0.0	1.6	0.2	1.1
184	CHHATARPUR	LAUNDI	LAVKUSH NAGAR	DW	25.1390	80.0060	0.062	0.006	0.002	0.029	0.0	3.6	0.4	5.7
185	CHHATARPUR	CHHATARPUR	CHHATARPUR	DW	24.9000	79.5911	0.008	0.003	0.000	0.029	0.0	1.2	0.0	2.2
186	CHHATARPUR	CHHATARPUR	MATGAWAN	DW	24.7978	79.4772	0.047	0.004	0.000	0.025	0.0	2.5	0.0	2.8
187	CHHATARPUR	BUXWAHA	GADHOI	DW	24.2947	79.2272	0.686	0.345	0.002	0.083	0.9	3.2	0.4	1.1
188	CHHATARPUR	RAJNAGAR	KHAJURAHO	DW	24.8497	79.9311	0.027	0.000	0.000	0.034	0.0	2.4	0.0	5.0
189	CHHATARPUR	GAURIHAR	SINGHPUR	DW	25.1278	80.2439	0.177	0.002	0.000	0.034	0.0	2.8	0.4	4.4
190	CHHATARPUR	BIJAWAR	TAPRA LAHAR	DW	24.5881	79.6097	0.631	0.004	0.003	0.000	0.0	2.5	0.6	1.3
191	CHHATARPUR	CHHATARPUR	KURRI	DW	24.8681	79.7200	0.384	0.015	0.008	0.000	0.0	2.9	0.4	3.5
192	CHHATARPUR	RAJNAGAR	CHANDRA NAGAR	DW	24.7500	79.9589	0.019	0.003	0.000	0.029	0.0	2.0	0.2	6.3
193	CHHATARPUR	CHHATARPUR	ISSANAGAR	DW	24.8619	79.3847	0.144	0.000	0.000	0.059	1.4	3.0	0.3	3.5
194	CHHATARPUR	NOWGAON	MAHARAJAPUR	DW	25.0210	79.7260	0.085	0.002	0.002	0.028	0.0	2.5	0.2	4.3
195	CHHATARPUR	NOWGAON	NOWGAON	DW	25.0542	79.4500	0.041	0.026	0.000	0.022	0.0	1.9	0.2	10.9
196	CHHATARPUR	CHHATARPUR	PIPORA KHURD	DW	24.8500	79.4808	0.725	0.143	0.000	0.000	1.3	3.5	0.4	17.1
197	CHHATARPUR	BIJAWAR	BIJAWAR	DW	24.6503	79.4981	0.148	0.001	0.000	0.000	0.0	3.2	0.0	1.7
198	CHHATARPUR	CHHATARPUR	NIWARII	DW	24.9964	79.6514	0.046	0.153	0.003	0.025	0.0	2.8	0.4	45.6
199	CHHATARPUR	RAJNAGAR	TATAMPUR	DW	25.0447	79.8653	0.853	0.007	0.000	0.044	0.0	3.7	0.2	4.5
200	CHHATARPUR	GAURIHAR	SARWAI	DW	25.1861	80.2872	0.034	0.003	0.005	0.019	0.0	3.3	0.0	1.4
201	CHHATARPUR	BIJAWAR	GULGANJ	DW	24.6925	79.3689	0.537	0.005	0.003	0.000	0.0	2.6	0.6	2.3
202	CHHATARPUR	BADA MALHERA	SADWA	DW	24.4775	79.2750	0.054	0.008	0.038	0.089	0.6	3.6	2.0	0.0
203	CHHATARPUR	GAURIHAR	GAURIHAR	DW	25.2683	80.1944	0.029	0.029	0.000	0.000	0.0	1.9	0.0	7.8
204	CHHATARPUR	BADA MALHERA	SENDPA	DW	24.5469	79.2528	0.006	0.001	0.000	0.038	0.0	1.7	0.0	0.0
205	CHHATARPUR	LAUNDI	CHANDLA	DW	25.0672	80.1944	0.021	0.011	0.000	0.022	0.0	3.0	0.5	3.8
206	CHHATARPUR	BIJAWAR	RAIPURA	DW	24.4810	79.7230	0.505	0.026	0.006	0.000	0.0	3.8	0.8	4.5
207	CHHATARPUR	RAJNAGAR	GANJ	DW	24.7919	79.7953	0.020	0.217	0.000	0.036	0.0	3.6	0.3	16.5

208	CHHINDWARA	AMARWARA	AMARWARA	DW	22.3010	79.1710	0.000	0.000	0.044	0.051	0.5	0.0	0.0	0.0
209	CHHINDWARA	PANDHURNA	CHINCHOLIWAD	DW	21.5000	78.6930	0.036	0.023	0.060	0.036	0.3	0.0	0.9	0.0
210	CHHINDWARA	AMARWARA	BANGAON2	DW	22.2597	79.1319	0.087	0.006	0.004	0.028	0.0	5.8	1.3	0.0
211	CHHINDWARA	SAUSAR	SAUSAR	DW	21.6550	78.8060	0.550	0.011	0.003	0.041	0.0	2.4	0.9	1.4
212	CHHINDWARA	CHAURAI	MARKA HANDI	DW	22.0450	79.1640	0.212	0.047	0.023	0.014	1.2	1.6	0.0	0.0
213	CHHINDWARA	TAMIA	LAHGUDNA	DW	22.2720	78.7240	0.326	0.045	0.063	0.011	0.4	1.1	0.0	0.0
214	CHHINDWARA	CHHINDWARA	JAMUNIA NER	DW	22.1370	79.0230	0.142	0.098	0.007	0.012	0.8	0.0	0.0	0.8
215	CHHINDWARA	PANDHURNA	MOHI	DW	21.6580	78.4410	0.089	0.065	0.042	0.015	1.3	1.9	0.0	0.0
216	CHHINDWARA	PANDHURNA	RAJNA	DW	21.5400	78.6390	0.365	0.011	0.032	0.056	1.1	2.3	0.8	0.9
217	CHHINDWARA	JAMAI	JAMAI	DW	22.1960	78.5950	0.325	0.056	0.005	0.008	0.9	0.0	0.2	0.9
218	CHHINDWARA	MOHKHED	TANSARA MAL	DW	21.8620	78.8980	0.095	0.034	0.002	0.020	0.0	4.2	0.4	0.0
219	CHHINDWARA	HARRAI	SATHIYA	DW	22.5900	79.1790	0.087	0.005	0.012	0.026	0.0	2.6	1.0	0.0
220	CHHINDWARA	MOHKHED	LINGA RLY.STN.	DW	21.9630	78.9380	0.243	0.053	0.023	0.014	0.9	0.0	0.0	0.0
221	CHHINDWARA	CHHINDWARA	CHHINDWARA	DW	22.0530	78.9490	0.053	0.003	0.004	0.026	0.0	4.0	0.0	1.3
222	CHHINDWARA	TAMIA	MAHALJHIR	DW	22.6090	78.5740	0.365	0.230	0.240	0.019	0.6	0.0	0.2	0.0
223	CHHINDWARA	MOHKHED	GONI	DW	21.8210	79.0130	0.089	0.230	0.008	0.026	2.1	2.3	0.0	1.1
224	CHHINDWARA	HARRAI	SURLA	DW	22.4330	79.1720	0.652	0.028	0.006	0.011	0.0	6.0	1.2	0.0
225	CHHINDWARA	CHAURAI	THANVARI KUNDA	DW	22.1760	79.2670	0.058	0.010	0.000	0.021	0.9	3.6	0.4	1.0
226	CHHINDWARA	PANDHURNA	PANDURNA	DW	21.5890	78.5180	0.146	0.023	0.036	0.016	2.1	0.0	0.0	1.2
227	CHHINDWARA	PARASIA	SONAPIPRI	DW	22.1430	78.8030	0.989	0.017	0.005	0.103	0.3	0.0	1.5	2.3
228	CHHINDWARA	SAUSAR	RAMAKONA NEW	DW	21.7020	78.8430	0.421	0.032	0.074	0.041	0.0	0.0	0.0	1.5
229	CHHINDWARA	Sausar	PRATPPUR	DW	79.2213	22.7550	0.185	0.031	0.004	0.022	0.0	3.7	0.5	0.0
230	CHHINDWARA	SAUSAR	PIPLANARAYANWAR	DW	21.5919	78.7335	0.257	0.087	0.042	0.009	1.2	0.0	0.0	1.6
231	CHHINDWARA	TAMIA	RENIKHERA	DW	22.5440	78.5730	0.489	0.053	0.065	0.036	0.0	0.0	0.0	0.0
232	CHHINDWARA	MOHKHED	SARANGBHERI	DW	21.8670	78.9530	0.059	0.003	0.009	0.009	0.0	3.5	0.3	1.4
233	CHHINDWARA	PANDHURANA	CHAURAI2	DW	21.6403	78.4794	0.332	0.008	0.016	0.063	0.0	0.0	1.6	0.0
234	CHHINDWARA	HARRAI	HARRAIDW	DW	22.6130	79.2210	0.126	0.014	0.004	0.009	1.1	1.4	0.3	0.3
235	CHHINDWARA	TAMIA	CHHINDI	DW	22.3880	78.8240	0.149	0.017	0.005	0.062	0.0	4.5	2.2	0.0
236	CHHINDWARA	AMARWARA	BANJARI	DW	22.2600	79.1320	0.255	0.000	0.003	0.039	0.0	6.5	0.7	0.0
237	CHHINDWARA	SAUSAR	BORGAON1	DW	21.5590	78.8160	0.167	0.140	0.004	0.025	0.0	0.0	1.0	0.9
238	CHHINDWARA	JAMAI	DAMUA	DW	22.1940	78.4690	0.890	0.058	0.005	0.020	1.3	0.0	0.0	0.0
239	CHHINDWARA	PANDHURNA	CHINCHKHEDA	DW	21.6400	78.4790	0.026	0.056	0.030	0.089	0.0	0.0	0.0	0.0
240	CHHINDWARA	CHHINDWARA	SAONRI2	DW	21.9647	78.7703	0.432	0.110	0.006	0.000	0.0	0.1	0.0	0.0
241	CHHINDWARA	TAMIA	BEJOURI	DW	78.6964	22.3442	0.070	0.138	0.000	0.022	0.0	3.4	0.2	0.0
242	CHHINDWARA	AMARWARA	SINGHORI	DW	22.2010	79.0620	0.588	0.012	0.003	0.045	0.0	3.2	1.0	1.5
243	CHHINDWARA	TAMIA	PRATAPGARH VADLA MATA MANDIR	DW	78.6169	22.3850	0.042	0.023	0.000	0.042	1.1	5.7	0.4	0.0
244	DAMOH	DAMOH	NOHTA	DW	23.6780	79.5740	1.538	0.059	0.024	0.000	2.0	0.0	0.0	0.0
245	DAMOH	JABERA	KHAMARIA	DW	23.6500	79.5590	0.208	0.257	0.005	0.018	0.6	0.0	0.5	2.2
246	DAMOH	PATERA	PATERA2	DW	23.9970	79.6890	0.095	0.003	0.000	0.052	0.9	5.5	0.3	1.1
247	DAMOH	BATIYAGARH	BATIYAGARH	DW	24.1110	79.3530	0.003	0.001	0.000	0.061	0.0	3.1	0.0	7.4
248	DAMOH	DAMOH	ABHANA	DW	23.7050	79.5370	0.325	0.010	0.003	0.000	2.6	5.8	0.7	0.8

249	DAMOH	TENDULHEDA	SAMNAPUR	DW	23.3130	79.3860	0.114	0.007	0.003	0.000	2.1	2.6	0.3	0.0
250	DAMOH	HATTA	GAISABAD	DW	24.2360	79.8270	0.648	0.003	0.000	0.000	0.0	1.9	0.3	2.2
251	DAMOH	HATTA	HARDUA	DW	24.1750	79.6710	0.000	0.000	0.000	0.010	0.0	0.0	0.0	5.8
252	DAMOH	DAMOH	HINDORIA	DW	23.8970	79.5670	0.027	0.013	0.000	0.000	0.0	5.8	0.3	1.0
253	DAMOH	JABERA	BAMHORI	DW	23.6850	79.7190	0.030	0.003	0.005	0.000	0.0	1.8	0.4	2.7
254	DAMOH	PATERA	MAJHGAWA	DW	24.0660	79.6400	0.007	0.009	0.000	0.000	0.0	0.2	0.0	1.3
255	DAMOH	PATERA	KUMHARI	DW	23.9260	79.8150	0.111	0.022	0.011	0.000	0.0	1.2	0.7	3.8
256	DAMOH	DAMOH	PALAR	DW	23.9290	79.4690	0.470	0.005	0.016	0.000	0.0	0.0	0.6	5.2
257	DAMOH	DAMOH	DAMOH2	DW	23.8280	79.4360	0.050	0.012	0.007	0.000	0.0	1.7	0.2	13.6
258	DAMOH	PATERA	BANGAON NEW	DW	24.0070	79.5170	0.035	0.027	0.002	0.005	0.0	3.2	0.2	4.1
259	DAMOH	PATHARIA	PIPARIA CHAMPAT	DW	23.9550	79.4040	0.925	0.028	0.005	0.000	0.0	0.0	0.6	0.0
260	DAMOH	TENDULHEDA	TENDUKHEDA	DW	23.3960	79.5390	0.084	0.013	0.007	0.068	0.0	0.0	0.5	0.0
261	DAMOH	TENDULHEDA	DHANGOR	DW	23.3770	79.4770	0.015	0.001	0.000	0.000	0.0	0.5	0.0	2.7
262	DATIA	SEONDHA	KASHERUA	DW	26.2380	78.7810	0.027	0.038	0.000	0.012	1.0	4.0	0.2	14.1
263	DATIA	DATIA	DURSADHA	DW	25.7100	78.6440	0.029	0.019	0.000	0.030	0.0	5.1	0.0	22.6
264	DATIA	DATIA	PALOTHAR	DW	78.3666	25.5720	0.010	0.001	0.002	0.008	2.8	6.6	0.0	1.3
265	DATIA	DATIA	DATIA NEW	DW	25.6639	78.4614	0.011	0.008	0.003	0.053	0.0	1.9	0.2	6.8
266	DATIA	SEONDHA	THARET	DW	26.0110	78.6570	0.005	0.001	0.000	0.026	0.0	3.8	0.0	19.9
267	DATIA	BHANDER	PANDOKHAR	DW	25.8900	78.7960	0.154	0.003	0.002	0.096	0.0	2.3	0.0	4.2
268	DATIA	DATIA	IMALIYA	DW	25.6940	78.5810	0.101	0.018	0.003	0.063	0.0	0.0	0.7	17.8
269	DATIA	SEONDHA	CHHIKAU	DW	25.8250	78.5230	0.035	0.011	0.002	0.020	0.4	1.3	0.2	21.0
270	DATIA	DATIA	RUDUAPURA	DW	25.7780	78.5010	0.058	0.002	0.002	0.017	1.1	6.0	2.4	42.7
271	DEWAS	BAGLI	BAGLI1	DW	22.6390	76.3470	0.024	0.002	0.002	0.014	0.0	3.7	2.0	0.0
272	DEWAS	BAGLI	MATMORE NEW	DW	22.7170	76.3790	0.010	0.004	0.002	0.006	0.0	3.3	1.7	0.0
273	DEWAS	DEWAS	DEWAS	DW	22.9740	76.0680	0.016	0.002	0.003	0.022	0.0	3.5	1.8	0.0
274	DEWAS	BAGLI	BAMOHRI	DW	22.7090	76.2750	0.025	0.010	0.003	0.019	0.0	3.9	2.3	0.7
275	DEWAS	SONKUTCH	BHONRASA	DW	22.9880	76.2070	0.016	0.003	0.007	0.017	0.0	3.8	1.4	1.2
276	DEWAS	KANNOD	BIJAWAD	DW	22.6990	76.5720	0.070	0.013	0.003	0.023	0.0	3.2	1.3	0.0
277	DEWAS	DEWAS	BHESUNI	DW	23.2330	75.9930	0.102	0.044	0.002	0.000	0.0	3.8	0.9	4.4
278	DEWAS	KHATEGAON	DHAYALI	DW	22.5460	76.8000	0.021	0.001	0.003	0.020	0.0	4.8	0.0	1.3
279	DEWAS	KANNOD	KUSUMANIA	DW	22.7680	76.7600	0.015	0.002	0.004	0.005	0.5	3.5	0.5	0.0
280	DEWAS	KANNOD	KANTAPHOR	DW	22.5760	76.5660	0.013	0.052	0.000	0.012	0.7	3.2	0.0	1.2
281	DEWAS	BAGLI	KARNAWAD	DW	22.7300	76.2290	0.026	0.004	0.006	0.022	0.4	4.7	0.0	0.8
282	DEWAS	KANNOD	KANNOD	DW	22.6640	76.7510	0.039	0.221	0.003	0.014	0.0	3.2	1.4	1.5
283	DEWAS	BAGLI	PUNJAPURA	DW	22.5460	76.3700	0.024	0.007	0.007	0.032	0.0	3.9	2.3	1.0
284	DEWAS	BAGLI	NEVRI	DW	22.8580	76.2500	0.018	0.002	0.003	0.015	0.0	3.1	2.3	1.3
285	DEWAS	KHATEGAON	PIPILIANANKAR	DW	22.5860	77.0010	0.062	0.008	0.004	0.000	0.4	2.6	1.2	5.1
286	DEWAS	BAGLI	BHIKUPURA	DW	22.5390	76.3390	0.010	0.001	0.003	0.015	0.5	2.8	0.9	1.5
287	DEWAS	BAGLI	UDAINAGARDW	DW	22.5380	76.2040	0.009	0.004	0.000	0.004	0.7	2.9	0.0	2.7
288	DEWAS	KANNOD	SATWAS NEW	DW	22.5340	76.6820	0.038	0.002	0.005	0.024	0.0	3.3	2.9	9.7
289	DEWAS	BAGLI	PIPRI	DW	22.3990	76.2780	0.043	0.003	0.006	0.014	0.9	3.9	1.3	3.3
290	DHAR	SARDARPUR	RAJOD	DW	22.9540	75.0670	0.017	0.002	0.005	0.018	0.0	4.2	0.0	0.0

291	DHAR	BADNAWAR	CHAYAN	DW	23.0250	75.1370	0.039	0.002	0.002	0.024	0.6	4.3	0.6	0.8
292	DHAR	BAGH	BAGH NEW	DW	22.3630	74.7960	0.026	0.008	0.011	0.054	1.1	3.5	0.3	4.0
293	DHAR	BADNAWAR	KANWAN NEW	DW	22.8700	75.2580	0.016	0.016	0.000	0.017	0.0	3.8	0.0	1.4
294	DHAR	KUKSHI	PALASI	DW	22.2280	74.6610	0.054	0.003	0.005	0.023	0.8	4.4	0.3	0.8
295	DHAR	DHAR	SADALPUR	DW	22.7247	75.4225	0.019	0.002	0.002	0.015	0.4	3.4	0.2	1.5
296	DHAR	DHAR	DHAR	DW	22.5910	75.3180	0.009	0.001	0.005	0.028	0.0	2.9	0.2	0.8
297	DHAR	DHARAMPURI	GUJRJI	DW	22.3210	75.5000	0.008	0.001	0.000	0.028	0.5	4.5	0.6	0.8
298	DHAR	NISARPUR	PIPALYA	DW	22.1340	74.8750	0.024	0.021	0.009	0.050	0.5	3.1	1.6	1.0
299	DHAR	DHARAMPURI	DHARAMPURIJ	DW	22.1530	75.3470	0.010	0.001	0.003	0.029	0.9	3.0	0.0	2.4
300	DHAR	DHARAMPURI	DHAMNOD	DW	22.2140	75.4730	0.036	0.001	0.004	0.017	1.1	4.9	1.2	1.7
301	DHAR	GANDHWANI	AWALDAMAN NEW	DW	22.3233	75.0742	0.011	0.001	0.002	0.027	0.5	4.5	0.5	1.3
302	DHAR	BADNAWAR	BADNAWAR NEW	DW	23.0190	75.2460	0.014	0.008	0.000	0.069	0.7	2.4	0.7	2.3
303	DHAR	NALCHHA	MANDU	DW	22.3470	75.3980	0.009	0.001	0.003	0.061	1.7	0.0	0.0	0.0
304	DHAR	MANAWAR	SINGHANA	DW	22.1880	74.9690	0.018	0.002	0.006	0.030	1.0	4.0	0.4	0.0
305	DHAR	NISARPUR	DHULSAR	DW	22.2050	74.8690	0.014	0.001	0.005	0.026	0.0	2.9	0.2	0.0
306	DHAR	KUKSHI	DEHARI	DW	22.2880	74.9160	0.008	0.014	0.003	0.048	1.3	3.6	0.0	2.1
307	DHAR	SARDARPUR	JULANA	DW	22.7810	74.9890	0.009	0.001	0.002	0.012	0.5	3.3	0.3	0.0
308	DHAR	SARDARPUR	SARDAPUR	DW	22.6680	74.9740	0.010	0.001	0.002	0.041	0.4	6.7	0.7	0.0
309	DHAR	SARDARPUR	AMJHIRA	DW	22.5560	75.1230	0.009	0.001	0.003	0.060	0.6	3.8	0.0	0.7
310	DHAR	MANAWAR	MANAWAR	DW	22.2360	75.0930	0.017	0.003	0.008	0.000	0.5	4.4	0.5	0.9
311	DHAR	GANDHWANI	KABARWA	DW	22.2728	74.9678	0.010	0.002	0.003	0.019	0.5	4.2	0.2	0.0
312	DHAR	DAHI	DAHI	DW	22.1164	74.6037	0.044	0.003	0.002	0.030	0.5	4.7	0.3	0.0
313	DHAR	UMARVAN	RAWATPURA	DW	22.1736	75.2407	0.028	0.002	0.003	0.105	0.5	4.6	0.0	0.0
314	DHAR	GANDHWANI	GANDHWANI	DW	22.3360	75.0050	0.017	0.008	0.014	0.000	0.0	2.8	0.0	1.1
315	DHAR	DHAR	LUNERA	DW	22.5865	75.3363	0.009	0.002	0.000	0.019	0.4	5.9	0.0	1.0
316	DHAR	GANDHWANI	ZEERABAD	DW	22.3980	75.0700	0.339	0.006	0.004	0.042	0.8	3.6	0.2	1.2
317	DINDORI	AMARPUR	AMARPUR	DW	22.7870	80.9613	0.006	0.001	0.000	0.000	0.0	0.3	0.2	0.0
318	DINDORI	BAJANG	BIJHAURI	DW	22.8620	81.2307	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
319	DINDORI	DINDORI	DINDORI	DW	22.9330	81.0920	0.225	0.046	0.006	0.000	0.0	6.7	1.6	0.0
320	DINDORI	SHAHPURA	KATANGI	DW	23.1260	80.6260	0.075	0.039	0.009	0.047	0.0	4.5	0.3	0.0
321	DINDORI	KARANJIYA	PATANGARH	DW	22.7460	81.4794	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
322	DINDORI	SHAHPURA	SHAHPURA DEPOT	DW	23.1830	80.6950	0.022	0.013	0.003	0.020	0.0	2.3	0.0	0.0
323	DINDORI	BAJANG	SAGAR TOLA	DW	22.8283	81.2919	0.000	0.000	0.002	0.000	0.0	0.0	0.0	0.0
324	DINDORI	AMARPUR	SALAIYA	DW	22.9100	80.9470	0.016	0.008	0.002	0.014	0.5	2.3	0.0	0.0
325	DINDORI	DINDORI	KUDHA	DW	22.8940	81.1663	0.017	0.015	0.004	0.000	0.0	2.2	2.1	0.0
326	DINDORI	SHAHPURA	SHAHPURA2	DW	23.1830	80.7010	0.025	0.052	0.003	0.034	0.0	2.0	0.4	0.0
327	DINDORI	DINDORI	VIKRAMPURJ	DW	23.0770	80.9070	0.215	0.016	0.014	0.028	0.0	4.3	0.5	0.0
328	DINDORI	MENHADWANI	HARRA	DW	22.8790	80.7954	0.102	0.012	0.008	0.000	0.0	2.7	0.4	0.0
329	DINDORI	KARANJIYA	KARANJIYA	DW	22.7110	81.6210	0.037	0.009	0.011	0.068	0.0	2.6	0.2	0.0
330	UMARIA	PALI	AMILIYA	DW	23.3219	81.2978	0.005	0.072	0.000	0.021	0.0	2.5	0.0	0.0
331	UMARIA	KARKELI	KARKELI NEW	DW	23.4644	80.9064	0.004	0.002	0.004	0.044	0.0	1.9	0.5	0.0
332	UMARIA	MANPUR	PARASI	DW	23.6639	80.9411	0.021	0.004	0.005	0.021	0.0	3.2	0.0	0.0

333	UMARIA	PALI	GHUNGHUTI NEW	DW	23.349	81.192	0.008	0.005	0.000	0.032	0.0	1.9	0.3	0.0
334	UMARIA	KARKELI	UMARIA	DW	23.5267	80.8347	0.010	0.013	0.003	0.020	0.0	2.7	0.0	0.0
335	UMARIA	MANPUR	PATAUR NEW	DW	23.759	81.032	0.005	0.029	0.000	0.017	0.0	2.1	0.2	0.0
336	UMARIA	MANPUR	TALA	DW	23.721	81.021	0.005	0.001	0.003	0.012	0.0	2.4	0.2	0.0
337	UMARIA	KARKELI	BICHUA	DW	23.4656	80.7467	0.020	0.031	0.000	0.005	0.5	3.4	0.0	0.0
338	UMARIA	KARKELI	CHOTI PALI	DW	23.5958	80.7536	0.015	0.009	0.000	0.009	0.0	2.9	0.3	3.2
339	UMARIA	MANPUR	DHAMOKHAR NEW	DW	23.6314	80.9228	0.009	0.003	0.003	0.000	0.0	2.6	0.5	0.0
340	UMARIA	PALI	ZERO ROAD	DW	23.3567	81.0836	0.015	0.009	0.000	0.009	0.0	2.9	0.3	3.2
341	GUNA	BAMORI	AKODA	DW	24.8650	77.1900	0.281	0.255	0.004	0.015	0.4	0.0	0.3	0.0
342	GUNA	RAGHOGARH	JANJALI	DW	24.3620	77.1210	0.351	0.011	0.005	0.034	0.0	6.6	0.4	0.0
343	GUNA	ARON	RAMPUR-I	DW	24.3080	77.4480	0.035	0.012	0.000	0.021	0.0	4.4	0.0	1.1
344	GUNA	CHACHAURA	BINAGANJ	DW	24.1880	77.0320	0.258	0.031	0.000	0.029	0.0	6.6	0.0	0.0
345	GUNA	BAMORI	SUHAYA NEW	DW	24.6910	77.1240	0.032	0.003	0.000	0.009	0.0	5.7	0.2	0.0
346	GUNA	BAMORI	BERKHERI	DW	24.6280	77.1840	0.037	0.009	0.003	0.014	0.0	0.0	0.3	0.8
347	GUNA	CHACHAURA	KHATKIYA	DW	24.3300	77.1030	0.043	0.008	0.000	0.011	0.0	0.0	0.6	1.0
348	GUNA	RAGHOGARH	CHETABARRI	DW	77.1545	24.4310	0.075	0.203	0.003	0.016	0.8	0.0	0.3	0.0
349	GUNA	RAGHOGARH	KHAIRAI	DW	24.4190	77.2780	0.227	0.009	0.014	0.106	0.0	0.0	0.2	0.9
350	GUNA	GUNA	MAHUGARHA	DW	24.6120	77.2590	0.157	0.002	0.004	0.039	0.0	6.6	0.9	1.0
351	GUNA	RAGHOGARH	MAKSUDANGARH	DW	24.0610	77.2580	0.055	0.199	0.002	0.017	0.5	7.1	0.2	1.1
352	GUNA	RAGHOGARH	GUNJARI	DW	23.9110	77.2640	0.050	0.002	0.000	0.010	0.0	0.8	0.3	1.2
353	GUNA	CHACHAURA	BADAUD NEW	DW	24.4090	77.0000	0.008	0.003	0.000	0.006	0.0	2.3	0.2	1.5
354	GUNA	GUNA	SINGWASA	DW	24.6500	77.3640	0.057	0.016	0.002	0.017	0.0	0.0	0.9	1.4
355	GUNA	RAGHOGARH	AMLIA	DW	24.2120	77.1970	0.006	0.004	0.000	0.006	0.0	2.0	0.2	3.0
356	GUNA	CHACHAURA	PENCHI	DW	24.1360	77.0100	0.018	0.001	0.000	0.000	0.5	4.0	0.7	1.8
357	GUNA	RAGHOGARH	PIPALIYA	DW	24.3090	77.1590	0.048	0.086	0.000	0.011	0.5	4.5	0.3	3.3
358	GUNA	ARON	ARON	DW	24.4380	77.3780	0.169	0.012	0.000	0.010	0.0	1.5	0.4	1.3
359	GUNA	GUNA	JAITADONGAR	DW	24.5310	77.3360	0.035	0.001	0.000	0.015	0.5	1.7	0.3	3.8
360	GUNA	BAMORI	BAMORI NEW	DW	24.8530	77.1390	0.028	0.101	0.000	0.020	0.0	0.0	0.4	1.3
361	GWALIOR	MORAR	AARAULI	DW	26.1600	78.4550	0.053	0.149	0.000	0.004	0.0	1.3	0.0	0.0
362	GWALIOR	DABRA	MAKODA	DW	26.0360	78.2560	0.007	0.096	0.007	0.000	0.0	5.9	0.0	163.2
363	GWALIOR	BHITARWAR	DEORIKALA	DW	25.7833	77.9842	0.011	0.001	0.000	0.055	0.0	3.2	0.0	1.7
364	GWALIOR	MORAR	BAJRANG COLONY DABKA	DW	26.1540	78.4330	0.008	0.029	0.000	0.000	0.0	1.2	0.0	0.0
365	GWALIOR	MORAR	BEHAT	DW	26.1740	78.5430	0.007	0.001	0.000	0.026	0.0	1.6	0.0	0.0
366	GWALIOR	GHATIGAON	MOHNA	DW	25.8970	77.7770	0.016	0.001	0.000	0.014	0.9	3.3	0.2	0.0
367	GWALIOR	BHITARWAR	BAJNA	DW	25.8506	77.9416	0.072	0.001	0.003	0.000	0.0	1.3	0.0	2.6
368	GWALIOR	GHATIGAON	ARON	DW	25.9520	77.9310	0.004	0.000	0.000	0.015	0.0	1.1	0.0	4.1
369	GWALIOR	MORAR	JAHANGIRPUR	DW	26.2756	78.2906	0.015	0.003	0.000	0.012	0.0	3.3	0.2	10.6
370	GWALIOR	BHITARWAR	DONGARPUR	DW	25.8220	77.9640	0.005	0.002	0.000	0.022	0.0	1.3	0.0	53.9
371	GWALIOR	MORAR	GHOSIPURA	DW	26.2757	78.2906	0.022	0.000	0.000	0.013	2.1	3.8	0.0	0.0
372	GWALIOR	DABRA	MASOORPUR NEW	DW	25.8300	78.2440	0.008	0.008	0.005	0.053	0.0	2.8	0.4	17.0
373	GWALIOR	GHATIGAON	SURO	DW	26.2499	78.0417	0.011	0.001	0.000	0.016	2.7	3.4	1.8	5.3

374	GWALIOR	BHITARWAR	HARSIBANDH	DW	25.7620	77.9290	0.002	0.000	0.000	0.035	0.0	1.0	0.0	9.2
375	GWALIOR	GHATIGAON	PRITHVI KA PURA	DW	26.2076	78.0926	0.009	0.003	0.000	0.012	0.0	2.8	1.3	6.7
376	GWALIOR	GHATIGAON	BEELPURA	DW	26.2499	78.0471	0.009	0.003	0.000	0.013	0.0	2.8	1.3	6.8
377	GWALIOR	GHATIGAON	TIGHARA	DW	26.2131	78.1513	0.009	0.003	0.000	0.012	0.0	2.8	1.3	6.8
378	GWALIOR	GHATIGAON	BEHRATA	DW	26.2920	78.0960	0.009	0.011	0.000	0.015	0.8	2.1	0.0	6.8
379	GWALIOR	GHATIGAON	CHARAI SHYAMPUR	DW	25.9750	77.8310	0.149	0.021	0.004	0.000	0.0	1.1	0.0	26.6
380	GWALIOR	GHATIGAON	GHANTIGAON	DW	26.0500	77.9333	0.005	0.002	0.000	0.024	0.0	1.4	0.0	55.0
381	GWALIOR	MORAR	ODPURANA	DW	26.2665	78.2687	2.055	0.263	0.000	0.000	1.1	3.3	0.0	0.0
382	GWALIOR	MORAR	MAITHANA	DW	26.2902	78.2905	0.015	0.006	0.000	0.019	0.0	3.0	0.3	3.3
383	GWALIOR	MORAR	MANPURA	DW	26.1640	78.3550	0.027	0.097	0.023	0.000	1.6	5.7	0.2	3.3
384	GWALIOR	MORAR	PADAMPUR KHERIA	DW	26.2665	78.2687	0.678	0.004	0.002	0.062	0.0	2.8	0.0	4.3
385	HARDA	HARDA	HARDADW	DW	22.3460	77.0880	0.011	0.003	0.000	0.010	0.0	1.5	1.1	1.5
386	HARDA	TIMARNI	TIMARNI	DW	22.3740	77.2230	0.014	0.001	0.002	0.026	0.0	3.8	0.0	1.2
387	HARDA	KHIRKIYA	SONPURA COLONY	DW	22.0780	76.9160	0.309	0.006	0.004	0.000	0.0	1.7	0.0	1.0
388	HARDA	HARDA	HANDIA	DW	22.4840	76.9810	0.031	0.001	0.000	0.015	0.0	2.5	1.6	10.2
389	HARDA	KHIRKIYA	CHHIPAWADDW	DW	22.1550	76.8770	0.012	0.002	0.003	0.027	0.6	1.8	0.3	0.0
390	HARDA	TIMARNI	TEMAGAON	DW	22.2980	77.3210	0.010	0.002	0.000	0.025	0.0	1.9	0.0	0.0
391	HARDA	KHIRKIYA	CHHURI KHAL	DW	22.0340	76.9400	0.053	0.009	0.000	0.008	0.0	1.2	0.0	0.0
392	HARDA	HARDA	MASANGAON	DW	22.2910	77.0030	0.008	0.001	0.000	0.014	0.0	1.5	0.0	1.0
393	HARDA	KHIRKIYA	MANDLA	DW	22.2190	76.9470	0.008	0.001	0.000	0.014	0.0	1.6	0.0	1.0
394	HARDA	TIMARNI	CHHIDGAON	DW	22.3940	77.2980	0.006	0.002	0.002	0.020	0.0	1.1	0.0	1.4
395	HARDA	TIMARNI	MOHANPUR1	DW	22.2550	77.2300	0.034	0.004	0.007	0.000	0.0	1.7	0.0	5.6
396	HARDA	TIMARNI	DHANAGAO	DW	22.2750	77.2194	0.004	0.006	0.000	0.019	0.0	4.7	0.0	1.9
397	HOSHANGABAD	KESALA	PATHRAUTADW	DW	22.5760	77.7960	0.429	0.008	0.003	0.000	0.0	3.3	0.4	3.8
398	HOSHANGABAD	KESALA	SUKTAWA	DW	22.4080	77.8430	0.825	0.035	0.003	0.000	0.0	3.0	0.0	4.5
399	HOSHANGABAD	SEONI MALWA	BHILATDEO	DW	22.4910	77.5280	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.8
400	HOSHANGABAD	KESALA	KESLA	DW	22.4780	77.8400	0.017	0.004	0.000	0.044	0.0	3.4	0.6	5.1
401	HOSHANGABAD	BABAI	DHONGRA	DW	22.6875	78.0828	0.029	0.012	0.000	0.014	0.0	3.3	0.2	2.0
402	HOSHANGABAD	PIPARIYA	PACHMARHI	DW	22.4770	78.4390	0.063	0.000	0.000	0.010	1.7	3.4	0.0	0.0
403	HOSHANGABAD	HOSHANGABAD	SONKHERA	DW	22.6170	77.8340	0.010	0.002	0.000	0.008	0.0	2.6	0.0	2.7
404	HOSHANGABAD	BABAI	BABAIDW	DW	22.7000	77.9390	0.751	0.243	0.000	0.000	0.6	4.8	0.3	1.6
405	HOSHANGABAD	BABAI	GURRA NEW	DW	22.6300	77.9180	0.020	0.002	0.004	0.014	1.3	3.8	0.3	1.8
406	HOSHANGABAD	HOSHANGABAD	DOLARIADW	DW	22.6260	77.6390	0.212	0.024	0.002	0.056	0.0	3.0	0.0	1.8
407	HOSHANGABAD	PIPARIYA	MATKULI	DW	22.5920	78.4580	0.006	0.004	0.000	0.009	0.0	2.5	0.0	1.4
408	HOSHANGABAD	SEONI MALWA	SEONIMALWA	DW	22.4480	77.4660	0.136	0.001	0.000	0.016	0.0	2.5	0.3	1.9
409	HOSHANGABAD	HOSHANGABAD	RAISALPUR	DW	22.6690	77.7580	0.107	0.002	0.000	0.000	0.0	3.6	0.4	1.8
410	HOSHANGABAD	BABAI	BAGRATAWADW	DW	22.6290	77.9930	0.891	0.008	0.002	0.000	0.0	2.4	0.0	0.0
411	HOSHANGABAD	PIPARIYA	SANDIA	DW	22.9130	78.3550	0.147	0.003	0.004	0.020	0.0	3.3	0.0	3.5
412	HOSHANGABAD	SHOHAGPUR	SOHAGPUR	DW	22.6940	78.1890	0.232	0.004	0.003	0.059	0.0	2.6	0.0	1.9
413	HOSHANGABAD	HOSHANGABAD	SANWALKHERA	DW	22.6500	77.6767	0.028	0.012	0.000	0.013	0.0	3.2	0.2	2.0
414	HOSHANGABAD	BABAI	BAHARPUR	DW	22.7356	78.0736	0.175	0.009	0.006	0.000	0.0	3.5	0.0	1.5
415	HOSHANGABAD	SOHAGPUR	KARANPUR	DW	22.7200	78.2194	0.007	0.008	0.000	0.021	0.6	2.7	0.0	1.9

416	INDORE	INDORE	BHIL PALTAN	DW	22.6960	75.8340	0.013	0.010	0.002	0.000	0.0	0.0	0.0	0.0
417	INDORE	INDORE	BIJALPUR MASJID	DW	22.6660	75.8340	0.017	0.018	0.003	0.082	0.5	4.6	0.7	0.0
418	INDORE	INDORE	GANDHI HALL	DW	22.7200	75.8660	0.013	0.002	0.003	0.057	0.5	5.3	0.0	0.0
419	INDORE	DEPALPUR	RANGWASA	DW	22.7440	75.5700	0.024	0.003	0.002	0.018	0.0	2.6	0.2	0.0
420	INDORE	INDORE	HATOD	DW	22.7960	75.7430	0.011	0.002	0.000	0.035	0.8	5.4	0.0	0.0
421	INDORE	INDORE	MARI MATA	DW	22.7380	75.8500	0.013	0.003	0.003	0.037	0.5	2.9	0.0	0.0
422	INDORE	INDORE	MUSHAKHEDI PHE	DW	22.6960	75.8940	0.048	0.001	0.005	0.068	0.4	3.2	0.0	0.0
423	INDORE	INDORE	RANJEET HANUMAN TEMPLE	DW	22.7000	75.8360	0.013	0.002	0.003	0.070	0.5	4.9	0.0	0.0
424	INDORE	INDORE	DUDHIYA	DW	22.6760	75.9460	0.017	0.008	0.006	0.037	0.0	2.5	0.2	0.8
425	INDORE	MHOW	MHOW	DW	22.5490	75.7620	0.007	0.002	0.005	0.041	0.0	4.4	0.0	0.0
426	INDORE	INDORE	TELEPHONE NAGAR	DW	22.7230	75.9040	0.024	0.025	0.005	0.071	0.0	0.0	0.6	0.9
427	INDORE	MHOW	NANDPURA	DW	22.5140	75.9180	0.079	0.002	0.011	0.033	0.7	2.6	0.0	0.0
428	INDORE	INDORE	FOOTI KOTHI	DW	22.6920	75.8260	0.009	0.002	0.004	0.067	0.0	0.0	0.0	1.5
429	INDORE	INDORE	RAVINDRA NAGAR	DW	22.7220	75.8930	0.009	0.001	0.006	0.085	0.0	2.3	0.2	1.9
430	INDORE	DEPALPUR	DEPALPUR	DW	22.8430	75.5390	0.009	0.001	0.000	0.042	0.0	1.6	0.0	1.8
431	INDORE	INDORE	SOYABEEN RESEARCH CENTRE	DW	22.6830	75.8730	0.012	0.001	0.003	0.034	0.0	3.1	0.0	1.9
432	INDORE	INDORE	PRAKASH NAGAR	DW	22.6980	75.8790	0.022	0.003	0.002	0.040	0.0	0.0	0.2	2.0
433	INDORE	INDORE	SAJAN NAGAR	DW	22.6950	75.8820	0.014	0.004	0.000	0.041	0.0	0.0	0.0	2.0
434	INDORE	SAWER	SANWER	DW	22.9710	75.8280	0.006	0.006	0.000	0.034	0.0	4.0	0.0	5.8
435	INDORE	INDORE	CABLE FACTORY	DW	22.7130	75.8360	0.026	0.007	0.000	0.066	0.0	6.2	0.3	3.2
436	INDORE	INDORE	POLO GROUND	DW	22.7390	75.8540	0.020	0.005	0.004	0.034	0.6	4.1	0.0	3.4
437	INDORE	DEPALPUR	USHAPURA	DW	22.8090	75.6740	0.041	0.015	0.003	0.056	0.0	2.2	0.0	7.2
438	JABALPUR	JABALPUR	BARELA	DW	23.0960	80.0550	0.015	0.001	0.006	0.015	0.0	2.1	0.8	0.0
439	JABALPUR	JABALPUR	BARGII	DW	22.9890	79.8740	0.015	0.003	0.002	0.019	0.0	3.1	0.7	0.0
440	JABALPUR	JABALPUR	KANCH GHAR	DW	23.1760	79.9600	0.010	0.012	0.003	0.050	0.8	2.3	0.0	0.8
441	JABALPUR	JABALPUR	PANDA KI MADHIA	DW	23.1580	79.8920	0.012	0.003	0.002	0.020	3.3	3.1	0.0	0.0
442	JABALPUR	JABALPUR	PANCHPEDI	DW	23.1590	79.9490	0.009	0.002	0.004	0.032	0.0	2.7	0.4	0.8
443	JABALPUR	JABALPUR	KOSHAM GHAT	DW	23.1063	80.0124	0.012	0.004	0.003	0.011	0.4	3.2	1.1	0.8
444	JABALPUR	JABALPUR	RAILWAY STATION	DW	23.1660	79.9470	0.006	0.014	0.010	0.027	0.7	4.1	0.0	0.8
445	JABALPUR	JABALPUR	SADAR BAZAR	DW	23.1550	79.9490	0.029	0.018	0.000	0.025	0.0	2.2	0.3	0.0
446	JABALPUR	JABALPUR	RADDI CHOWKI	DW	23.1810	79.9420	0.009	0.003	0.002	0.045	2.7	2.5	0.9	1.7
447	JABALPUR	JABALPUR	JAIN DHARAMSHALA	DW	23.1530	79.8860	0.056	0.025	0.031	0.000	3.2	0.0	1.0	0.0
448	JABALPUR	JABALPUR	GOKALPUR	DW	23.1900	79.9850	0.078	0.096	0.005	0.070	1.1	1.8	0.2	3.7
449	JABALPUR	JABALPUR	MADAN MAHAL	DW	23.1580	79.9160	0.055	0.000	0.000	0.004	0.7	1.5	0.0	4.5
450	JABALPUR	JABALPUR	RANJHI	DW	23.1960	79.9990	0.104	0.146	0.005	0.028	1.2	3.8	0.5	5.3
451	JABALPUR	JABALPUR	NAGAR NIGAM COMPLEX	DW	23.1660	79.9330	0.115	0.421	0.000	0.014	0.4	2.2	0.0	8.5
452	JABALPUR	KUNDAM	BISHANPURA	DW	23.2290	80.2490	0.013	0.005	0.002	0.009	0.5	2.8	0.0	0.0
453	JABALPUR	KUNDAM	KUNDAM	DW	23.2190	80.3460	0.097	0.012	0.000	0.000	0.0	2.1	1.9	0.0
454	JABALPUR	SHAHPUR	BHERAGHAT NEW	DW	23.1440	79.8030	0.101	0.364	0.003	0.011	1.0	2.3	1.5	0.8
455	JABALPUR	JABALPUR	UMARIYANEW	DW	23.2021	80.0730	0.018	0.002	0.002	0.008	0.7	2.6	0.0	0.0

456	JABALPUR	JABALPUR	MANEGAON1	DW	23.0780	79.9130	0.016	0.007	0.004	0.029	0.0	3.4	0.2	0.0
457	JHABUA	JHABUA	PITOL	DW	22.7850	74.4660	0.016	0.006	0.008	0.046	0.6	4.7	0.3	0.0
458	JHABUA	PETLAWAD	KARWAR	DW	23.1010	74.8700	0.077	0.002	0.004	0.066	0.4	2.1	0.0	0.0
459	JHABUA	MEGHNAGAR	MEGHNAGAR NEW	DW	22.9050	74.5420	0.013	0.001	0.002	0.023	0.7	1.7	0.3	1.4
460	JHABUA	PETLAWAD	SARANGI	DW	23.0520	74.9080	0.016	0.002	0.003	0.000	0.0	1.9	0.0	0.0
461	JHABUA	JHABUA	JHABUA1	DW	22.7710	74.5900	0.465	0.010	0.008	0.000	1.1	2.9	0.0	0.9
462	JHABUA	PETLAWAD	PETLABAD	DW	23.0050	74.7990	0.015	0.001	0.018	0.000	0.4	3.5	1.5	0.9
463	JHABUA	THANDLA	THANDLA1	DW	23.0080	74.5790	0.024	0.003	0.006	0.000	0.0	2.4	0.0	4.5
464	JHABUA	RANAPUR	TIKADIMOTI NEW	DW	22.7708	74.5900	0.011	0.007	0.002	0.027	2.4	1.1	0.0	1.3
465	KATNI	RITHI	BILHARI NEW	DW	23.9028	80.2514	0.009	0.002	0.003	0.067	0.0	1.8	0.2	5.7
466	KATNI	KATNI	GANIYARI	DW	23.8306	80.3986	0.006	0.004	0.002	0.011	0.5	1.7	0.0	9.0
467	KATNI	BADWARA	PIPARIA2	DW	23.8619	80.6986	0.188	0.005	0.008	0.000	0.5	4.6	0.6	5.2
468	KATNI	DHIMAR KHEDA	SILONI	DW	23.3460	80.3780	0.017	0.002	0.003	0.021	0.0	1.7	0.0	9.8
469	KATNI	RITHI	RITHI	DW	23.9090	80.1420	0.019	0.002	0.005	0.028	0.0	1.7	0.2	9.7
470	KATNI	DHIMARKHEDA	UMARIAPAN	DW	23.5217	80.2917	0.000	0.000	0.000	0.000	0.6	0.0	0.0	0.9
471	KATNI	KATNI	KATNI1	DW	23.8310	80.3990	0.026	0.009	0.007	0.000	0.0	3.5	0.2	1.2
472	KATNI	VIJAY RAGHAVGARH	KHITOLI2	DW	23.8619	80.6986	0.007	0.001	0.000	0.041	0.0	1.9	0.4	1.4
473	KATNI	RITHI	DEOGAWAN	DW	23.9028	80.2514	0.024	0.011	0.004	0.000	0.0	3.1	0.4	2.0
474	KHANDWA	PANDHANA	GURHI	DW	21.6390	76.5740	0.017	0.002	0.000	0.010	0.0	1.5	0.0	0.0
475	KHANDWA	PUNASA	KELWA KALAN NEW	DW	22.1742	76.2664	0.011	0.005	0.000	0.012	0.0	0.2	0.2	0.0
476	KHANDWA	HARSUD	DAGAD KHEDI	DW	22.0820	76.8330	0.014	0.013	0.000	0.013	0.0	1.3	0.0	0.0
477	KHANDWA	PUNASA	BANGARDA	DW	22.1450	76.4620	0.065	0.010	0.002	0.000	0.0	1.7	0.2	0.0
478	KHANDWA	KHALWA	KHEDI NEW	DW	21.8680	76.5660	0.014	0.001	0.000	0.007	0.0	0.7	0.3	0.0
479	KHANDWA	KHALWA	KALAM KHURD	DW	21.8492	76.7108	0.008	0.001	0.000	0.014	0.0	0.4	0.0	0.0
480	KHANDWA	CHHEGAON MAKHAN	PANDHANA	DW	21.6990	76.2270	0.006	0.008	0.000	0.009	0.0	1.3	0.0	0.0
481	KHANDWA	KHALWA	KHALWA1	DW	21.8050	76.7460	0.004	0.002	0.000	0.007	0.0	0.2	0.0	0.0
482	KHANDWA	BALADI	BILLOD	DW	22.2028	76.7489	0.005	0.000	0.000	0.007	0.0	1.1	0.0	0.0
483	KHANDWA	PUNASA	DAULATPUR	DW	22.2320	76.3910	0.009	0.001	0.000	0.010	0.0	0.2	0.2	0.0
484	KHANDWA	CHHEGAON MAKHAN	CHHEGAON MAKHAN	DW	21.8320	76.2180	0.005	0.001	0.000	0.010	0.0	1.3	0.0	0.0
485	KHANDWA	PUNASA	GHOSALI	DW	22.1580	76.1310	0.007	0.004	0.000	0.011	0.0	1.0	0.3	0.0
486	KHANDWA	PUNASA	GUJAR KHEDI	DW	22.1970	76.3010	0.005	0.001	0.000	0.010	0.5	0.8	2.4	0.0
487	KHANDWA	KHANDWA	KAHLARI	DW	21.9830	76.4640	0.019	0.002	0.000	0.016	0.0	0.8	0.0	0.0
488	KHANDWA	KHANDWA	KHANDWADW	DW	21.8170	76.3620	0.005	0.000	0.000	0.008	0.5	2.2	0.4	0.0
489	KHANDWA	KHANDWA	RUDHY BHATA	DW	21.8330	76.4670	0.005	0.062	0.000	0.005	0.0	1.4	0.0	0.0
490	KHANDWA	KHANDWA	JAWAR	DW	21.9300	76.4480	0.080	0.001	0.000	0.022	0.0	0.8	0.2	0.0
491	KHANDWA	PUNASA	MUNDI NEW	DW	22.0642	76.4886	0.012	0.002	0.000	0.009	0.0	1.1	0.0	0.0
492	KHANDWA	PUNASA	UDAIPUR	DW	22.2260	76.4030	2.230	0.009	0.015	0.000	0.0	2.7	0.6	0.0
493	KHANDWA	KHANDWA	JASWADII	DW	21.7940	76.4280	0.019	0.001	0.000	0.020	0.0	1.4	0.0	0.0
494	KHANDWA	PANDHANA	BAIRUKHEDA	DW	21.7506	76.3053	0.006	0.001	0.000	0.007	0.0	1.4	0.0	0.0
495	KHANDWA	PANDHANA	BALWARA1	DW	21.7000	76.5160	0.335	0.063	0.004	0.000	0.0	2.1	0.3	0.0

Annexure 3: NHS Water Quality (Heavy Metals) Data 2023-24(Pre-Monsoon)

496	KHANDWA	PUNASA	THAPANA	DW	22.2220	76.0870	0.011	0.002	0.000	0.006	0.0	1.0	1.5	1.6
497	KHANDWA	CHHEGAON MAKHAN	ROSHIYA NEW	DW	21.9578	76.1664	0.008	0.001	0.000	0.009	0.0	1.4	0.0	0.0
498	KHANDWA	HARSUD	BORI SARAY	DW	22.0060	76.8170	0.028	0.007	0.000	0.009	0.0	0.7	0.4	0.0
499	KHANDWA	HARSUD	BEDIA	DW	21.9700	76.7440	0.025	0.001	0.000	0.012	0.0	1.2	0.0	0.0
500	KHANDWA	CHHEGAON MAKHAN	DESHGAON NEW	DW	21.9020	76.1790	0.008	0.018	0.002	0.009	0.0	1.3	0.0	0.0
501	KHANDWA	HARSUD	CHANERA	DW	21.9620	76.6980	0.005	0.001	0.000	0.010	0.0	1.3	0.0	0.0
502	KHANDWA	PANDHANA	BORGAON BUZURG	DW	21.6090	76.3250	0.016	0.003	0.000	0.016	0.0	1.0	0.2	0.0
503	KHANDWA	PUNASA	KAROLI	DW	22.1420	76.2060	0.007	0.000	0.000	0.015	0.0	2.6	0.2	0.0
504	KHARGONE	BARWAHA	AMBA	DW	22.0430	75.9460	0.072	0.001	0.007	0.020	0.7	6.5	0.3	0.0
505	KHARGONE	MAHESHWAR	BADDIYA	DW	22.2340	75.9480	0.060	0.002	0.018	0.044	0.5	4.0	0.5	0.0
506	KHARGONE	BARWAHA	BALWARA	DW	22.3940	75.9750	0.063	0.002	0.007	0.029	0.0	4.2	0.0	0.0
507	KHARGONE	BHIKANGAON	BAMNALA NEW	DW	21.8250	75.8530	0.031	0.001	0.002	0.000	0.0	3.3	1.3	0.0
508	KHARGONE	BARWAHA	SANAWAD NEW	DW	22.1730	76.0710	0.018	0.001	0.009	0.015	0.4	3.1	0.0	0.0
509	KHARGONE	BHIKANGAON	BHIKANGAON1	DW	21.8620	75.9560	0.019	0.001	0.009	0.058	0.0	4.7	0.0	0.9
510	KHARGONE	BHAGWANPURA	BHULWANI	DW	21.5480	75.4810	0.036	0.073	0.002	0.020	0.0	3.2	0.0	0.0
511	KHARGONE	BHIKANGAON	GOGAON	DW	21.9181	75.7444	0.053	0.002	0.016	0.029	0.0	4.7	0.0	0.9
512	KHARGONE	MAHESHWAR	DHARGAON	DW	22.2090	75.5970	0.024	0.002	0.003	0.017	0.9	3.5	1.2	0.0
513	KHARGONE	BHAGWANPURA	DHULKOT	DW	21.6100	75.5530	0.023	0.002	0.006	0.020	0.0	3.3	0.2	0.0
514	KHARGONE	GOGAWAN	DIVALGAON	DW	21.8290	75.7430	0.032	0.002	0.020	0.045	0.0	3.5	0.0	0.0
515	KHARGONE	BHAGWANPURA	GHATTI	DW	21.7230	75.6670	0.023	0.002	0.019	0.032	0.0	3.9	0.0	0.0
516	KHARGONE	BHIKANGAON	DAUDWA	DW	22.0210	76.1370	0.136	0.002	0.014	0.052	0.0	4.3	0.0	1.4
517	KHARGONE	KASRAWAD	KASRAWAD1	DW	22.1240	75.6080	0.084	0.002	0.007	0.017	0.4	3.1	0.0	0.0
518	KHARGONE	KHARGONE	KHARGONE	DW	21.8278	75.6194	0.027	0.001	0.011	0.020	0.5	4.9	0.2	0.0
519	KHARGONE	MAHESHWAR	MAHESHWAR	DW	22.1780	75.5880	0.036	0.001	0.004	0.020	0.5	3.4	0.7	0.0
520	KHARGONE	MAHESHWAR	PIPLYABUZRUG	DW	22.2340	75.8610	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
521	KHARGONE	BARWAHA	BARWAH	DW	22.2540	76.0350	0.053	0.009	0.004	0.047	0.5	4.4	0.0	1.7
522	KHARGONE	KASRAWAD	SAWDA	DW	22.0310	75.6290	0.021	0.001	0.006	0.019	0.5	2.1	0.0	0.0
523	KHARGONE	KHARGONE	UN	DW	21.8210	75.4510	0.030	0.001	0.008	0.013	0.0	2.7	0.0	0.0
524	KHARGONE	JHIRANYA	ZIRANNIYA	DW	21.6506	75.9876	0.038	0.005	0.003	0.012	0.0	0.2	0.9	0.0
525	MANDLA	BICHHIYA	BICHHIA1	DW	22.4520	80.7000	0.206	0.009	0.005	0.025	0.0	0.0	0.8	0.8
526	MANDLA	NARAYANGANJ	BABALIYA	DW	22.8830	80.4140	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
527	MANDLA	MANDLA	KHARI	DW	22.7930	80.4110	0.216	0.008	0.010	0.068	0.0	1.3	0.4	0.0
528	MANDLA	BICHHIYA	SIJHORA	DW	22.4260	80.7770	0.057	0.010	0.004	0.021	0.0	0.5	0.0	0.8
529	MANDLA	MAWAI	MOTINALA	DW	22.3450	80.9030	0.096	0.014	0.021	0.050	0.0	1.2	0.4	1.0
530	MANDLA	MANDLA	MAHANIA PATPARA	DW	22.6850	80.4770	0.027	0.005	0.008	0.023	0.0	0.7	0.2	0.0
531	MANDLA	MANDLA	DEVGAON	DW	22.7390	80.5250	0.021	0.022	0.002	0.030	0.0	0.5	0.0	0.0
532	MANDLA	MOHGAON	CHABI	DW	22.8250	80.7000	0.136	0.009	0.004	0.000	0.0	0.9	1.0	0.0
533	MANDLA	BIJADANDI	KHAMHER KHEDA	DW	22.9820	80.1510	0.401	0.013	0.006	0.014	0.0	0.9	0.5	0.0
534	MANDLA	MANDLA	MANDLA1	DW	22.6000	80.3690	0.798	0.250	0.027	0.000	0.0	1.2	0.3	0.0
535	MANDLA	NARAYANGANJ	KUDOMALI NEW	DW	22.8790	80.2130	0.014	0.006	0.004	0.023	0.0	0.5	0.2	0.0
536	MANDLA	MANDLA	PADMI CHORAH	DW	22.5500	80.4100	0.028	0.003	0.010	0.027	1.1	0.9	0.3	0.0

537	MANDLA	MANDLA	PATHIRI PATPARA	DW	22.6080	80.4710	0.037	0.008	0.003	0.045	0.0	0.9	0.2	0.0
538	MANDLA	NARAYANGANJ	MANGALGANJ	DW	22.7500	80.3110	0.360	0.068	0.006	0.025	0.0	0.6	0.5	0.0
539	MANDLA	MANDLA	BAMHNI NEW	DW	22.4760	80.3680	0.114	0.005	0.003	0.042	1.1	0.0	0.4	1.0
540	MANDLA	MAWAI	MANGLI	DW	22.3453	80.9033	0.036	0.002	0.004	0.017	0.0	0.5	0.5	0.0
541	MANDLA	MANDLA	PINDRAI	DW	22.6139	80.5208	0.009	0.003	0.004	0.020	0.0	0.5	0.3	0.0
542	MANDLA	MANDLA	RAMNAGARI	DW	22.6140	80.5210	0.073	0.049	0.023	0.000	0.8	5.0	2.3	0.0
543	MANDLA	BICHHIYA	ANJANIA	DW	22.4950	80.5094	0.013	0.002	0.004	0.022	0.6	6.9	0.0	2.0
544	MANDLA	MOHGAON	REHGAON	DW	22.7490	80.5770	0.008	0.039	0.002	0.063	0.0	0.4	0.4	0.0
545	MANDLA	MOHGAON	INDIRA	DW	22.7610	80.5970	0.012	0.019	0.004	0.000	0.0	0.5	1.1	0.0
546	MANDLA	BIJADANDI	CHAWAI	DW	22.9585	80.2452	0.065	0.010	0.003	0.013	0.0	0.7	0.3	0.0
547	MANDLA	MANDLA	SUBHARIYA	DW	22.5260	80.2710	0.018	0.036	0.003	0.021	0.0	0.4	0.0	0.0
548	MANDLA	NAINPUR	RAMPURI NEW	DW	22.4090	80.2640	0.083	0.009	0.005	0.044	0.0	2.2	0.3	0.0
549	MANDLA	NAINPUR	SURAJPURA	DW	22.5210	80.1380	0.009	0.002	0.004	0.026	0.0	0.4	0.3	0.0
550	MANDLA	GHUGHRI	GHUGHRI	DW	22.6778	80.6900	0.791	0.088	0.011	0.042	0.6	0.7	0.3	0.0
551	MORENA	PORSA	AURETHI	DW	26.6780	78.3800	0.001	0.028	0.006	0.022	0.0	0.4	0.9	3.2
552	MORENA	PAHADGARH	PAHARGARH	DW	26.2000	77.6390	0.020	0.001	0.002	0.011	0.6	2.7	0.0	2.5
553	MORENA	JOURA	BILGAON	DW	26.3758	77.8392	0.016	0.001	0.003	0.017	2.5	4.2	0.0	2.1
554	MORENA	MORENA	KHERA MEWDA NEW	DW	26.5630	78.0900	0.006	0.011	0.000	0.010	0.5	2.5	0.0	5.6
555	MORENA	SABALGARH	TONGA GAON	DW	26.2553	77.4381	0.006	0.001	0.000	0.011	0.0	3.8	0.6	1.6
556	MORENA	PAHADGARH	HUSEINPUR	DW	26.4041	77.6026	0.083	0.049	0.004	0.000	0.6	4.9	1.5	6.9
557	MORENA	PORSA	PORSA	DW	26.6710	78.3690	0.017	0.001	0.048	0.023	0.0	3.5	2.0	4.3
558	MORENA	SABALGARH	TENTRA	DW	26.1770	77.3050	0.019	0.003	0.003	0.032	0.0	3.9	1.7	3.1
559	MORENA	SABALGARH	MANGROL	DW	26.2230	77.3520	0.014	0.008	0.000	0.016	0.0	3.1	1.3	5.0
560	MORENA	SABALGARH	RANIPURA	DW	26.2060	77.3350	0.017	0.002	0.005	0.019	0.0	5.0	0.7	10.2
561	MORENA	JOURA	JAFRABAD	DW	26.4310	77.8770	0.031	0.001	0.005	0.074	0.0	4.1	0.0	5.3
562	NARSINGPUR	NARSINGHPUR	BACHAI	DW	22.8740	79.3060	0.033	0.001	0.000	0.022	0.9	0.6	0.0	1.6
563	NARSINGPUR	GATEGAON	BAUCHHAR	DW	22.9869	79.3336	0.000	0.000	0.000	0.006	0.5	0.0	1.0	0.0
564	NARSINGPUR	NARSINGHPUR	NANDWARA	DW	22.9590	79.1760	0.011	0.002	0.000	0.000	0.0	0.5	0.0	2.3
565	NARSINGPUR	GADARWARA	DEORIBADWANI	DW	22.9167	78.6819	0.010	0.025	0.003	0.017	0.8	3.3	0.0	0.8
566	NARSINGPUR	GATEGAON	KARAKBEL NEW	DW	22.9975	79.3543	0.081	0.006	0.000	0.044	0.0	1.0	0.4	1.2
567	NARSINGPUR	CHAWARPATHA	TENDUKHERA	DW	23.1750	78.8711	0.230	0.099	0.002	0.017	1.0	1.5	0.3	0.0
568	NARSINGPUR	GATEGAON	JHOTESHWAR	DW	22.9478	79.5583	0.000	0.000	0.000	0.000	0.7	0.0	0.0	2.3
569	NARSINGPUR	GATEGAON	GOTEGAON	DW	23.0394	79.4806	0.085	0.001	0.000	0.027	0.0	0.0	0.5	6.3
570	NARSINGPUR	KARELI	KARELI BASTI	DW	22.9110	79.0680	0.025	0.004	0.000	0.065	1.1	6.9	0.5	5.0
571	NARSINGPUR	CHAWARPATHA	GUNDRAI(II)	DW	23.1772	79.0319	0.333	0.177	0.003	0.051	1.1	1.4	0.4	0.9
572	NARSINGPUR	NARSINGHPUR	BHAINSA	DW	22.8480	79.2240	0.013	0.001	0.002	0.074	4.5	5.1	0.3	4.7
573	NARSINGPUR	KARELI	RAMKHIRIA	DW	23.1014	79.1625	0.842	0.021	0.003	0.000	0.7	6.9	0.6	6.3
574	NARSINGPUR	BABAI (CHICHLI)	SALICHAUKA	DW	22.8306	78.6667	0.000	0.000	0.000	0.000	0.0	0.2	0.0	3.5
575	NARSINGPUR	CHAWARPATHA	KOUDIYA	DW	22.9460	78.8160	0.029	0.001	0.000	0.000	0.7	0.6	0.9	1.4
576	PANNA	AJAIGARH	SINHAI	DW	24.9200	80.2253	0.024	0.044	0.000	0.044	0.0	3.2	0.0	1.4
577	PANNA	PANNA	AKOLA	DW	24.6190	80.1320	0.048	0.004	0.003	0.038	0.0	4.8	0.3	0.0
578	PANNA	PANNA	BADAGAON	DW	24.6236	80.3456	0.207	0.280	0.005	0.000	0.0	4.2	0.0	0.0

579	PANNA	PANNA	BAHERA	DW	24.6620	80.2550	0.017	0.017	0.000	0.033	0.0	3.4	0.0	0.0
580	PANNA	PANNA	MADLA	DW	24.7290	80.0110	0.034	0.004	0.000	0.020	0.8	3.7	0.5	0.0
581	PANNA	AJAIGARH	BANAHARI KALAN	DW	24.8536	80.1786	0.027	0.010	0.003	0.054	0.0	5.7	1.0	1.8
582	PANNA	AJAIGARH	AJAIGARH	DW	24.9903	80.2675	0.341	0.003	0.002	0.048	0.0	3.4	0.4	2.4
583	PANNA	PANNA	TARA	DW	24.5330	80.0890	0.103	0.002	0.004	0.000	0.0	4.7	0.3	0.9
584	PANNA	SHAHNAGAR	TAKHORI	DW	23.9880	79.9510	0.020	0.005	0.005	0.030	0.0	4.8	0.4	1.9
585	PANNA	GUNNOR	SALLEHA	DW	24.4133	80.4025	0.016	0.002	0.000	0.019	0.5	3.7	0.2	1.1
586	PANNA	PAWAI	HATHKURI	DW	24.2460	80.0690	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
587	PANNA	PAWAI	SEMARIA1	DW	24.2686	79.9000	1.090	0.000	0.000	0.000	0.6	2.8	0.0	1.1
588	PANNA	SHAHNAGAR	PANDEPURWA	DW	23.9792	80.3147	0.099	0.004	0.005	0.096	0.0	4.1	0.0	2.1
589	PANNA	PANNA	BACKCHUR	DW	24.7220	80.1020	0.014	0.002	0.000	0.018	0.0	4.3	0.0	1.1
590	PANNA	PAWAI	MOHENDRA	DW	24.1910	79.9660	0.014	0.012	0.000	0.028	0.0	3.2	0.0	4.3
591	PANNA	SHAHNAGAR	RAIPURA	DW	23.9040	79.9520	0.214	0.053	0.002	0.062	0.0	2.8	0.2	2.3
592	PANNA	PANNA	BARRACHH	DW	24.5450	80.1730	0.024	0.008	0.000	0.029	0.0	3.7	1.4	1.5
593	PANNA	PAWAI	KHARMORA	DW	24.1220	80.2610	0.060	0.002	0.000	0.014	0.0	2.8	0.0	4.4
594	PANNA	SHAHNAGAR	KUANKHEDA	DW	23.9010	79.9230	0.300	0.000	0.000	0.042	1.3	2.8	0.5	3.4
595	PANNA	SHAHNAGAR	DOGARGAWA	DW	80.3186	23.9667	0.024	0.019	0.002	0.018	0.0	5.6	0.0	4.6
596	PANNA	GUNNOR	GUNAUR	DW	24.4630	80.2510	0.019	0.001	0.000	0.013	0.4	3.5	0.0	1.7
597	PANNA	PAWAI	POWAI	DW	24.2647	80.1653	0.972	0.034	0.000	0.098	0.0	4.0	0.3	6.4
598	PANNA	AJAIGARH	BARIYARPUR	DW	24.8494	80.0950	0.212	0.149	0.008	0.024	0.0	5.6	0.0	18.1
599	PANNA	SHAHNAGAR	SAHARAN	DW	24.0806	79.9653	0.188	0.020	0.005	0.000	0.0	3.4	0.0	8.4
600	PANNA	PANNA	PANNA1	DW	24.7056	80.1806	0.009	0.029	0.000	0.018	0.6	2.7	0.0	1.9
601	RAISEN	GOHAGANJ	CHIKLOD	DW	23.1060	77.7230	0.059	0.122	0.002	0.031	0.9	0.9	0.0	4.6
602	RAISEN	BARAILY	BARI	DW	23.0310	78.0830	0.075	0.005	0.004	0.019	0.9	0.0	0.3	1.8
603	RAISEN	GAIRATGANJ	GAIRATGANJ	DW	23.4080	78.2260	0.011	0.004	0.000	0.008	0.0	2.1	0.0	1.0
604	RAISEN	GOHAGANJ	DAM DONGRI	DW	23.0990	77.8380	0.046	0.006	0.000	0.013	0.0	5.3	0.4	0.0
605	RAISEN	UDAIPURA	DEORI	DW	23.1240	78.6840	0.016	0.007	0.000	0.000	1.6	3.9	0.0	0.0
606	RAISEN	BEGAMGANJ	PALOHA	DW	23.5320	78.2960	0.031	0.020	0.000	0.010	0.0	6.0	0.2	1.0
607	RAISEN	GAIRATGANJ	GARHI	DW	23.3940	78.1420	0.015	0.028	0.002	0.008	0.0	3.3	0.0	0.0
608	RAISEN	GOHAGANJ	GOHARGANJ	DW	23.0260	77.6790	0.013	0.213	0.002	0.017	0.0	3.9	0.0	0.0
609	RAISEN	GOHAGANJ	MAINDWA	DW	23.1220	77.5460	0.068	0.035	0.000	0.007	3.7	2.2	0.0	0.0
610	RAISEN	GOHAGANJ	SULTANPUR	DW	23.1360	77.9320	0.039	0.171	0.000	0.047	0.0	5.7	0.0	0.8
611	RAISEN	BEGAMGANJ	BEGUMGANJ	DW	23.6070	78.3490	0.030	0.007	0.002	0.015	0.0	2.3	1.4	0.0
612	RAISEN	BEGAMGANJ	PADAHHIR	DW	23.5730	78.4040	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
613	RAISEN	RAISEN	RAISEN	DW	23.3360	77.7830	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
614	RAISEN	RAISEN	SANCHI	DW	23.4870	77.7410	0.074	0.009	0.005	0.013	2.9	0.0	0.6	1.2
615	RAISEN	RAISEN	SALAMATPUR CHORHA	DW	23.4530	77.6980	0.050	0.002	0.000	0.077	0.0	0.0	0.2	1.8
616	RAISEN	SILWANI	SIARMAU	DW	23.4010	78.5500	0.008	0.006	0.000	0.033	0.0	3.6	0.0	0.0
617	RAISEN	SILWANI	SILWANI	DW	23.3000	78.4400	0.008	0.010	0.000	0.010	0.5	5.0	0.0	4.2
618	RAISEN	BEGAMGANJ	SULTANGANJ	DW	23.5030	78.5550	0.382	0.009	0.004	0.000	0.0	6.2	1.2	0.0
619	RAISEN	GOHAGANJ	HATHI PALAN	DW	23.0760	77.7530	0.023	0.002	0.000	0.008	0.0	0.0	0.0	0.9

620	RAISEN	GOHAGANJ	TAMOT	DW	23.0070	77.6390	0.016	0.024	0.000	0.008	1.2	1.9	0.3	1.2	
621	RAISEN	SANCHI	NAKTARA	DW	77.9134	23.3062	0.024	0.001	0.000	0.005	0.0	0.0	0.0	1.1	
622	RAJGARH	BIAORA	BAIHEDA	DW	23.8360	76.9500	0.002	0.001	0.000	0.000	0.0	2.3	0.0	0.0	
623	RAJGARH	BIAORA	BARKHEDA	DW	23.9420	76.9550	0.178	0.030	0.007	0.059	0.0	4.3	0.0	0.0	
624	RAJGARH	NARSINGHVARH	TALEN	DW	23.5760	76.7350	0.013	0.003	0.000	0.000	0.0	5.0	0.0	2.7	
625	RAJGARH	BIAORA	BIORA	DW	23.9130	76.9170	0.035	0.003	0.006	0.033	0.0	4.3	0.0	0.9	
626	RAJGARH	KHILCHIPUR	KHILCHIPUR	DW	24.0430	76.5790	0.019	0.006	0.005	0.021	0.7	4.6	0.0	0.0	
627	RAJGARH	JIRAPUR	ZIRAPUR	DW	24.0160	76.3780	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
628	RAJGARH	SARANGPUR	SANDAVTA	DW	23.8340	76.5260	0.027	0.009	0.007	0.032	0.0	2.6	0.0	1.0	
629	RAJGARH	NARSINGHVARH	PACHORNEW	DW	23.7180	76.7380	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
630	RAJGARH	NARSINGHVARH	PILUKHEDI	DW	23.4910	77.0600	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	
631	RAJGARH	NARSINGHVARH	MANDAWAR	DW	23.7030	76.8830	0.014	0.005	0.006	0.025	1.2	2.7	2.9	0.7	
632	RAJGARH	RAJGARH	BAWARI	DW	23.9860	76.8160	0.012	0.002	0.002	0.024	0.0	3.9	1.8	1.1	
633	RAJGARH	BIAORA	SUTHALIYA	DW	23.9960	77.1380	0.028	0.003	0.006	0.039	0.0	5.6	0.0	1.2	
634	RAJGARH	NARSINGHVARH	GANAYARI	DW	23.6910	77.0080	0.022	0.009	0.004	0.018	0.0	3.4	0.0	1.0	
635	RAJGARH	JIRAPUR	MACHALPUR	DW	24.1300	76.3140	0.030	0.002	0.003	0.018	0.0	3.2	0.0	0.0	
636	REWA	NAIGARHI	AMBI	DW	24.8112	81.7151	0.075	0.010	0.000	0.096	0.0	2.8	0.4	0.0	
637	REWA	REWA	REETHI	DW	24.5220	81.3900	0.086	0.156	0.000	0.022	1.8	3.4	0.0	0.0	
638	REWA	SIRMOUR	BARA	DW	24.8210	81.0940	0.000	0.000	0.000	0.000	0.0	0.0	0.0	1.5	
639	REWA	SIRMOUR	BAIKUNTHPUR1	DW	24.7280	81.4090	0.012	0.031	0.000	0.017	0.5	3.7	0.0	2.1	
640	REWA	HANUMANA	KHATKHARI	DW	24.7090	81.9930	0.014	0.033	0.004	0.017	0.0	3.5	0.0	0.0	
641	REWA	HANUMANA	MADHA	DW	24.7410	82.0460	0.010	0.002	0.003	0.013	0.0	3.3	0.0	1.4	
642	REWA	RAIPUR	KARCHULIYAN	SAGRA	DW	24.6111	81.3624	0.029	0.280	0.000	0.047	2.2	2.8	0.0	0.9
643	REWA	Hanumana	CHARAIYA	DW	82.0106	24.4651	0.102	0.004	0.000	0.014	0.8	3.4	0.0	1.8	
644	REWA	REWA	AMILKI	DW	24.4250	81.3080	0.094	0.006	0.003	0.033	0.0	3.0	0.2	1.0	
645	REWA	Hanumana	HARDI	DW	81.9669	24.7678	0.024	0.003	0.003	0.024	0.0	4.0	2.0	2.0	
646	REWA	HANUMANA	PRATAPGANJ	DW	24.7100	82.1090	0.023	0.010	0.002	0.017	0.0	4.2	0.0	2.1	
647	REWA	MAUGANJ	PAHADI	DW	24.7500	81.8861	0.015	0.002	0.002	0.011	0.0	4.2	0.0	0.0	
648	REWA	NAIGARHI	NAIGARHI 1	DW	24.7870	81.7750	0.025	0.014	0.000	0.069	0.0	3.7	0.0	0.0	
649	REWA	MAUGANJ	MAUGANJ1	DW	24.6750	81.8890	0.018	0.003	0.002	0.054	0.0	3.5	0.3	1.8	
650	REWA	JAWA	SENHUDA	DW	25.0300	81.3650	0.017	0.016	0.000	0.023	0.0	3.5	0.0	3.9	
651	REWA	REWA	KANAUJI	DW	24.4720	81.3780	0.075	0.003	0.000	0.038	0.0	3.3	1.8	1.8	
652	REWA	REWA	RAIPUR	DW	24.5240	81.3420	0.023	0.005	0.000	0.023	0.0	2.5	0.0	7.3	
653	REWA	RAIPUR	KARCHULIYAN	GURH	DW	24.5000	81.5010	0.026	0.031	0.000	0.024	0.7	3.5	0.2	1.2
654	REWA	SIRMOUR	SEMARIA2	DW	24.7960	81.1520	0.035	0.001	0.000	0.014	1.0	4.4	0.0	2.4	
655	REWA	Mangawan	BARROHA	DW	81.7453	24.8100	0.020	0.025	0.000	0.015	0.0	2.5	0.0	1.6	
656	REWA	MAUGANJ	SITAPUR	DW	24.5530	81.7700	0.614	0.006	0.006	0.000	0.0	2.7	0.9	2.2	
657	REWA	TEONT HAR	SOHAGI	DW	24.9830	81.6910	0.012	0.002	0.002	0.018	0.6	4.8	0.4	5.6	
658	REWA	HANUMANA	HANUMANA	DW	24.7770	82.0830	0.017	0.004	0.000	0.025	0.0	2.8	0.0	1.5	
659	REWA	GANGEV	TIKURA	DW	24.6730	81.6370	0.016	0.002	0.000	0.017	0.0	4.0	0.0	0.0	
660	REWA	GANGEV	GARH	DW	24.8160	81.6450	0.044	0.012	0.000	0.000	0.5	1.2	0.0	2.9	

661	REWA	GANGEV	GANGEO	DW	24.7510	81.5960	0.026	0.059	0.000	0.006	0.7	2.9	0.0	3.0
662	SAGAR	KHURAI	KHIMLASA	DW	24.2011	78.3631	1.506	0.347	0.020	0.000	0.0	3.8	1.4	6.2
663	SAGAR	BANDA	BANDA	DW	24.0460	78.9670	0.023	0.052	0.003	0.078	5.4	2.5	0.0	0.0
664	SAGAR	MALTHON	BARODIA	DW	24.2160	78.5830	0.473	0.052	0.006	0.000	0.0	4.3	0.7	0.0
665	SAGAR	BANDA	BARA	DW	24.0400	79.1540	0.218	0.145	0.009	0.000	0.0	0.0	1.4	0.0
666	SAGAR	DEORI	DEORIKHAS	DW	23.3860	79.0160	0.200	0.007	0.009	0.000	0.0	0.0	0.0	2.0
667	SAGAR	MALTHON	NAKTAPUR	DW	24.2760	78.5490	2.582	0.041	0.010	0.000	0.6	5.7	1.4	0.0
668	SAGAR	MALTHON	BAMHORI LAL	DW	24.2460	78.4330	0.001	0.003	0.003	0.000	0.0	0.0	0.0	2.0
669	SAGAR	RAHATGARH	BHAPEL	DW	23.8060	78.6380	0.167	0.009	0.008	0.000	0.0	0.0	1.4	0.0
670	SAGAR	SHAHNAGAR	DALPATPUR	DW	24.1340	79.0170	0.164	0.039	0.003	0.000	0.6	2.4	0.2	0.0
671	SAGAR	BANDA	PRAHALDPURA	DW	24.0180	79.0490	0.151	0.008	0.000	0.000	0.0	2.3	0.3	1.2
672	SAGAR	REHLI	PIPARIA NARSING	DW	23.6620	78.9960	0.000	0.116	0.005	0.000	0.6	4.1	0.5	0.0
673	SAGAR	SHAHNAGAR	SHAHGARH1	DW	24.3200	79.1190	0.103	0.014	0.004	0.000	0.0	4.9	1.4	1.9
674	SAGAR	RAHATGARH	HURRA	DW	23.7280	78.4050	0.053	0.007	0.004	0.044	0.0	5.2	0.7	0.0
675	SAGAR	JAISINAGAR	JAISINGH NAGAR	DW	23.6260	78.5750	0.025	0.005	0.003	0.000	0.6	3.5	0.2	0.0
676	SAGAR	RAHATGARH	RAHATGARH	DW	23.7880	78.4180	0.749	0.100	0.006	0.000	0.0	3.6	0.8	0.0
677	SAGAR	JAISINAGAR	BARODA	DW	23.7158	78.7058	0.328	0.027	0.002	0.000	0.0	4.4	0.9	0.9
678	SAGAR	RAHATGARH	KHAJURIA	DW	23.9400	78.6860	0.071	0.004	0.000	0.000	0.4	2.8	0.6	0.8
679	SAGAR	KESLI	NAYANAGAR	DW	23.4840	78.8960	0.109	0.006	0.007	0.000	0.6	4.0	0.9	1.4
680	SAGAR	KHURAI	REGUWAN	DW	24.0330	78.3460	0.257	0.010	0.004	0.000	0.5	4.0	0.7	1.5
681	SAGAR	MALTHON	BANDRI	DW	24.0420	78.6400	0.068	0.018	0.004	0.000	1.6	2.6	0.3	3.2
682	SAGAR	RAHATGARH	NARYAWALI	DW	23.9060	78.5930	0.053	0.014	0.004	0.000	2.1	3.7	0.4	1.3
683	SAGAR	KESLI	KESLI	DW	23.4210	78.8060	0.001	0.000	0.004	0.057	0.4	0.4	0.2	0.0
684	SAGAR	REHLI	PARIYA	DW	23.7920	79.0710	0.000	0.028	0.085	0.000	0.0	2.1	0.8	0.8
685	SAGAR	SAGAR	BHILLAINYA	DW	23.6769	78.8169	0.181	0.014	0.007	0.000	0.5	0.0	0.0	0.0
686	SAGAR	REHLI	GARHAKOTA	DW	23.7840	79.1290	0.218	0.015	0.003	0.000	0.5	4.7	0.4	1.4
687	SAGAR	BANDA	BEHROL	DW	24.0500	78.7460	0.959	0.010	0.010	0.000	0.0	7.1	1.0	0.0
688	SAGAR	RAHATGARH	JARUAKHERA	DW	23.9730	78.4820	1.607	0.026	0.009	0.000	0.0	5.5	1.3	2.4
689	SAGAR	KHURAI	KHURAI	DW	24.0390	78.3330	0.073	0.005	0.000	0.000	0.0	3.3	0.3	2.4
690	SAGAR	REHLI	REHLI	DW	23.6410	79.0650	0.060	0.004	0.005	0.046	0.0	5.6	1.0	6.4
691	SAGAR	SAGAR	PARSORIA	DW	23.8540	78.9360	0.053	0.007	0.004	0.075	0.0	3.2	0.2	0.0
692	SAGAR	SAGAR	REHPURA	DW	23.7160	78.8140	0.273	0.047	0.013	0.014	0.5	0.0	1.8	0.0
693	SAGAR	SHAHNAGAR	HIRAPUR	DW	24.3660	79.2110	0.884	0.000	0.008	0.000	0.0	3.3	0.3	5.4
694	SAGAR	DEORI	SILARPUR	DW	23.5040	78.9520	0.181	0.014	0.007	0.000	0.5	0.0	0.0	0.0
695	SAGAR	SAGAR	SAGAR	DW	23.8330	78.7680	0.033	0.149	0.003	0.052	0.4	2.2	0.0	0.0
696	SAGAR	SAGAR	SURKHI	DW	23.6300	78.8330	0.103	0.014	0.004	0.000	0.0	4.9	1.4	1.9
697	SATNA	AMARPATAN	GORSARI	DW	24.2380	81.0350	0.059	0.002	0.000	0.006	0.0	0.0	0.2	0.0
698	SATNA	MAIIHAR	NARAURA	DW	24.2770	80.8410	0.000	0.308	0.000	0.089	0.0	2.1	0.0	0.0
699	SATNA	MAJHGAWAN	CHOWRAHA	DW	24.9780	80.7980	0.006	0.002	0.000	0.028	0.0	2.5	0.0	0.0
700	SATNA	SOHAWAL	SATNA	DW	24.5680	80.8320	0.031	0.219	0.000	0.040	0.5	0.0	0.0	1.6
701	SATNA	NAGOD	NAGOD	DW	24.5720	80.5780	0.051	0.010	0.000	0.012	0.0	2.9	0.0	1.1
702	SATNA	MAIIHAR	SABHAGANJ	DW	24.0350	80.4560	0.201	0.029	0.002	0.018	0.5	1.2	0.3	0.0

703	SATNA	RAMPUR-BAGHELAN	CHORHATA	DW	24.3880	80.9170	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
704	SATNA	MAJHGAWAN	PALDEO	DW	25.1100	80.7830	0.058	0.014	0.000	0.024	0.0	0.0	0.0	0.7
705	SATNA	MAJHGAWAN	BABUPUR	DW	25.0040	80.8000	0.000	0.033	0.002	0.000	0.0	6.0	0.0	1.5
706	SATNA	RAMPUR-BAGHELAN	RAMPUR1	DW	24.5110	81.0560	0.019	0.002	0.000	0.012	0.0	0.3	0.0	1.3
707	SATNA	MAJHGAWAN	NAKAILA	DW	25.0180	80.6860	0.123	0.009	0.005	0.047	0.0	1.4	0.2	1.5
708	SATNA	RAMNAGAR	DEVRA	DW	24.1940	80.9970	0.254	0.009	0.005	0.000	0.0	3.2	0.2	0.0
709	SATNA	NAGOD	DUREHA	DW	24.4510	80.4610	0.025	0.002	0.000	0.015	0.8	2.4	0.0	1.6
710	SATNA	MAIIHAR	BHADANPUR NEW	DW	24.1660	80.8210	0.454	0.005	0.008	0.000	0.0	3.6	0.0	0.9
711	SATNA	UNCHEHARA	GOBRAO KALAN	DW	24.4440	80.7790	0.538	0.006	0.003	0.000	0.0	0.0	0.5	0.0
712	SATNA	AMARPATAN	KAKRA	DW	24.3530	81.0390	0.060	0.004	0.000	0.016	0.6	7.0	0.0	1.3
713	SATNA	RAMNAGAR	JOWA	DW	24.1570	80.9380	0.037	0.003	0.000	0.025	0.5	0.0	0.3	1.0
714	SATNA	MAJHGAWAN	BIRSINGHPUR	DW	24.7980	80.9700	0.016	0.006	0.000	0.091	0.0	0.0	0.0	2.1
715	SATNA	NAGOD	PATHRAUNDHA	DW	24.5400	80.6540	0.015	0.004	0.000	0.016	0.8	1.4	0.0	2.1
716	SATNA	SOHAWAL	JHALI	DW	24.7320	80.6860	0.051	0.004	0.000	0.017	0.0	2.3	0.0	3.4
717	SATNA	MAIIHAR	GHUNWARA	DW	24.1470	80.6320	0.062	0.004	0.002	0.016	0.0	0.0	0.5	1.0
718	SATNA	RAMNAGAR	RAMNAGAR_BAMHNADI	DW	24.1960	81.1510	0.037	0.005	0.004	0.028	0.5	6.9	0.2	1.8
719	SATNA	AMARPATAN	SAGAUNI NEW	DW	24.2640	81.2030	0.009	0.001	0.003	0.020	0.0	1.4	0.0	1.6
720	SATNA	AMARPATAN	MAUHARI KATRA	DW	24.4440	81.1180	0.075	0.003	0.000	0.012	0.0	0.0	0.3	2.3
721	SATNA	RAMPUR-BAGHELAN	KOTAR	DW	24.6990	80.9950	0.109	0.015	0.003	0.021	0.7	0.0	0.8	4.0
722	SATNA	SOHAWAL	KOTHI	DW	24.7470	80.7770	0.105	0.015	0.002	0.020	0.7	0.0	0.8	3.9
723	SATNA	MAIIHAR	JHUKEHFI	DW	24.0040	80.4260	0.067	0.014	0.000	0.009	0.0	6.9	0.3	1.1
724	SATNA	MAIIHAR	RIVARA	DW	24.1260	80.8680	0.016	0.003	0.000	0.019	1.2	2.9	0.0	1.2
725	SATNA	MAJHGAWAN	MAJHGAGAWA	DW	24.9110	80.8130	0.021	0.002	0.000	0.015	0.0	2.0	0.0	2.7
726	SATNA	AMARPATAN	AMARPATAN1	DW	24.3140	80.9760	0.705	0.011	0.003	0.061	0.0	0.0	0.0	4.8
727	SATNA	AMARPATAN	MUKUNDPUR	DW	24.4230	81.2470	0.045	0.011	0.002	0.028	0.0	0.0	0.4	5.0
728	SATNA	NAGOD	PATWARA	DW	24.5530	80.6210	0.656	0.010	0.000	0.031	0.0	0.0	0.3	3.9
729	SATNA	MAJHGAWAN	JAITWARA	DW	24.7400	80.8670	0.295	0.029	0.002	0.065	0.0	0.0	0.5	3.5
730	SATNA	MAIIHAR	AMDARA	DW	24.1040	80.5760	0.327	0.005	0.000	0.070	0.0	2.3	0.2	2.0
731	SATNA	UNCHEHARA	PONDIPITHOURABD	DW	24.4720	80.7590	0.175	0.005	0.002	0.000	0.0	3.0	0.0	0.0
732	SATNA	MAJHGAWAN	CHITRAKOOT	DW	25.0670	80.8170	0.428	0.004	0.002	0.000	0.0	0.0	0.6	3.8
733	SATNA	UNCHEHARA	UCHEHARA	DW	24.3620	80.7810	0.057	0.004	0.006	0.021	0.0	5.9	0.5	1.5
734	SATNA	NAGOD	BARETHIA	DW	24.5760	80.6840	0.279	0.005	0.009	0.045	0.0	0.0	0.8	4.3
735	SATNA	NAGOD	JASO	DW	24.4990	80.5040	0.144	0.018	0.000	0.058	0.0	2.1	0.0	7.8
736	SATNA	UNCHEHARA	PAHARI	DW	24.3920	80.5470	0.354	0.004	0.000	0.092	0.0	1.9	0.3	3.2
737	SATNA	RAMNAGAR	GOVINDPUR	DW	24.2300	81.1830	0.140	0.003	0.000	0.013	0.5	2.4	0.0	5.1
738	SATNA	RAMPUR-BAGHELAN	BHATANWARA NEW	DW	24.4920	80.8580	0.250	0.003	0.007	0.000	0.0	0.0	0.4	4.3
739	SATNA	MAIIHAR	MAIHAR NEW	DW	24.2600	80.7610	0.048	0.012	0.000	0.025	1.1	1.1	0.0	2.3
740	SATNA	MAIIHAR	KUSENDI	DW	24.1710	80.6770	0.139	0.013	0.002	0.051	0.0	0.0	0.2	2.4
741	SATNA	AMARPATAN	KEMAR	DW	24.4870	81.1950	0.031	0.003	0.000	0.030	0.0	0.0	0.0	6.3

742	SATNA	SOHAWAL	SINGHPUR	DW	24.7020	80.5820	0.060	0.386	0.003	0.021	0.6	0.9	0.2	3.9
743	SATNA	SOHAWAL	BARAKALAN	DW	24.6710	80.7870	0.980	0.016	0.002	0.000	0.0	0.0	0.8	5.2
744	SATNA	UNCHEHARA	PARAS MANIYA	DW	24.3500	80.6160	0.032	0.001	0.005	0.010	1.0	2.8	0.0	6.3
745	SEHORE	ICHHAWAR	BORDI	DW	22.9730	77.0860	0.024	0.001	0.005	0.009	0.0	3.8	0.2	0.0
746	SEHORE	ASHTA	KHACHROD	DW	22.8720	76.7180	2.347	0.037	0.000	0.056	0.0	3.7	0.0	0.0
747	SEHORE	BUDNI	BAYAN	DW	22.7340	77.5560	0.087	0.002	0.000	0.005	0.0	3.8	0.3	1.2
748	SEHORE	SEHORE	CHANDBAR	DW	23.3180	77.0470	0.061	0.000	0.000	0.004	1.6	2.3	0.0	0.0
749	SEHORE	ICHHAWAR	NADAN	DW	22.8970	77.1220	0.017	0.002	0.003	0.008	0.0	3.2	0.0	0.0
750	SEHORE	BUDNI	MALIBAYAN	DW	22.7510	77.4540	0.258	0.061	0.000	0.000	0.0	3.1	0.0	1.4
751	SEHORE	SEHORE	SEHORE1	DW	23.1620	77.0560	0.035	0.298	0.000	0.008	0.0	3.2	0.0	0.0
752	SEHORE	SEHORE	JATTAKHEDA	DW	23.1530	76.9630	0.017	0.042	0.002	0.007	0.0	3.2	0.0	0.8
753	SEHORE	ICHHAWAR	KANKAD KHEDA	DW	23.1010	77.0360	0.017	0.002	0.000	0.005	0.0	3.7	0.0	1.1
754	SEHORE	SEHORE	BHANDELI	DW	23.1240	77.2610	0.015	0.000	0.002	0.007	0.0	3.8	0.0	1.1
755	SEHORE	ICHHAWAR	ICHHAWAR	DW	23.0320	77.0190	0.013	0.006	0.000	0.005	0.0	2.9	0.0	2.1
756	SEHORE	ASHTA	ASHTA	DW	23.0230	76.7160	0.009	0.024	0.000	0.005	1.5	2.2	0.0	3.2
757	SEHORE	SEHORE	HEERAPUR	DW	23.1430	77.1730	0.105	0.010	0.002	0.000	0.0	4.4	0.0	1.4
758	SEHORE	ICHHAWAR	AMLAHA	DW	23.1180	76.9030	0.203	0.007	0.004	0.000	0.0	3.4	0.3	2.8
759	SEHORE	BUDNI	NEELKACHAR	DW	22.7220	77.5010	0.018	0.002	0.003	0.006	0.0	2.7	0.0	3.9
760	SEHORE	NASRULLAGANJ	RAFIQUEGANJ	DW	22.8135	77.1716	0.015	0.005	0.000	0.004	0.0	3.2	0.2	0.0
761	SEHORE	BUDNI	BUDHNI	DW	22.7910	77.6830	0.009	0.002	0.000	0.005	0.0	2.5	0.0	4.4
762	SEHORE	NASRULLAGANJ	LARKUI NEW	DW	22.8170	77.2090	0.017	0.001	0.002	0.007	0.5	3.7	0.3	2.0
763	SEHORE	SEHORE	KHAJURIA KALAN	DW	23.3610	77.0730	0.041	0.003	0.005	0.022	0.0	4.0	0.4	1.5
764	SEHORE	ASTHA	JHILELA	DW	22.9980	76.5597	0.012	0.063	0.000	0.009	0.0	3.2	0.0	0.0
765	SEHORE	NASRULLAGANJ	RALA	DW	22.6900	77.3140	0.026	0.025	0.003	0.016	0.0	3.0	0.0	4.8
766	SEONI	BARGHAT	AMAGARH	DW	22.0119	79.6125	0.015	0.015	0.002	0.027	0.4	3.8	0.0	0.0
767	SEONI	BARGHAT	DHARAMKUAN	DW	21.8750	79.7617	0.062	0.006	0.003	0.028	0.7	3.9	0.4	0.0
768	SEONI	SEONI	NANDORA	DW	22.0200	79.5369	0.577	0.200	0.004	0.000	0.6	5.0	0.0	0.0
769	SEONI	BARGHAT	KALYANPUR	DW	21.9610	79.8120	0.334	0.004	0.004	0.000	0.0	5.5	0.4	0.0
770	SEONI	LAKHNADON	DHUMA	DW	22.7500	79.7228	0.282	0.000	0.000	0.000	0.0	3.4	0.5	0.0
771	SEONI	BARGHAT	KAURIA	DW	22.0172	79.8431	0.053	0.003	0.000	0.025	0.0	4.2	0.6	1.0
772	SEONI	LAKHNADON	GAURABIBI NEW	DW	22.7200	79.4961	0.009	0.001	0.000	0.000	0.0	0.0	0.2	0.0
773	SEONI	DHANORA	KHAMARIA	DW	22.5986	79.7911	0.025	0.001	0.000	0.047	0.0	3.4	0.2	0.0
774	SEONI	KEOLARI	KEOLARI	DW	22.3714	79.9108	0.441	0.006	0.006	0.000	0.0	6.4	0.6	0.9
775	SEONI	BARGHAT	ARI	DW	21.9472	79.7119	0.040	0.027	0.000	0.010	0.5	3.2	0.0	1.8
776	SEONI	LAKHNADON	GHARGHATIA	DW	22.6728	79.7897	0.040	0.005	0.005	0.075	0.0	4.3	0.3	0.0
777	SEONI	GHANSAUR	GORAKHPUR	DW	22.7425	79.9136	0.051	0.006	0.002	0.108	0.0	3.1	0.3	0.0
778	SEONI	LAKHNADON	LAKHNADON1	DW	22.5986	79.6125	0.375	0.124	0.006	0.048	0.0	0.0	1.2	0.0
779	SEONI	DHANORA	DHANAURA	DW	22.5294	79.8378	0.031	0.006	0.000	0.025	0.0	3.2	0.5	0.0
780	SEONI	GHANSAUR	MASURBHANWARI	DW	22.6375	80.1439	0.079	0.016	0.002	0.062	0.0	3.1	0.6	0.0
781	SEONI	BARGHAT	BORGHAT	DW	22.0328	79.7472	0.069	0.060	0.002	0.000	0.6	3.3	0.5	6.2
782	SEONI	SEONI	RAHIWARA	DW	22.2203	79.5356	0.144	0.006	0.002	0.000	0.0	4.6	0.8	0.0
783	SEONI	CHHAPARA	GHUNAI	DW	22.4411	79.5653	0.117	0.004	0.002	0.040	0.0	5.1	1.0	0.0

784	SEONI	KEOLARI	UGLI	DW	22.2575	80.0631	0.184	0.016	0.003	0.089	0.0	5.8	0.0	1.5
785	SEONI	DHANORA	KUDARI	DW	22.4075	79.8125	0.059	0.012	0.002	0.049	0.0	4.9	0.6	1.2
786	SEONI	KURAI	SUKTARA	DW	21.9342	79.5231	0.162	0.107	0.002	0.081	0.0	0.0	1.7	0.0
787	SEONI	GHANSAUR	GHANSOR1	DW	22.6542	79.9525	0.044	0.005	0.000	0.026	0.0	3.9	0.4	0.0
788	SEONI	GHANSAUR	MEHTA	DW	22.6306	79.8661	0.150	0.027	0.002	0.033	0.0	0.0	0.8	0.9
789	SEONI	KURAI	PIPARIA1	DW	21.7828	79.4878	0.176	0.018	0.002	0.034	0.0	3.7	0.3	1.7
790	SEONI	LAKHNADON	MADAI	DW	22.5403	79.5950	0.142	0.012	0.005	0.101	0.0	6.7	0.5	0.0
791	SEONI	LAKHNADON	MAKARJHIR	DW	22.6906	79.6833	0.075	0.123	0.003	0.067	0.0	2.8	0.2	0.0
792	SEONI	LAKHNADON	NAGAN DEORI	DW	22.8181	79.6664	0.376	0.314	0.003	0.060	0.0	0.0	1.1	0.0
793	SEONI	GHANSAUR	KUDOPAR	DW	22.6381	80.0353	0.242	0.074	0.003	0.094	0.6	0.0	1.9	0.9
794	SEONI	KEOLARI	DHANGADA	DW	22.3208	79.8614	0.198	0.028	0.003	0.031	0.0	0.0	1.7	0.0
795	SEONI	LAKHNADON	SAHASNA	DW	22.6061	79.7281	0.547	0.020	0.006	0.054	0.0	2.3	1.0	0.0
796	SEONI	SEONI	SEONI1	DW	22.0936	79.5472	0.086	0.022	0.002	0.000	0.0	7.0	0.0	0.0
797	SEONI	SEONI	PALAR1	DW	22.3081	79.8092	0.076	0.019	0.003	0.079	0.0	5.6	0.7	1.0
798	SEONI	KURAI	KURAI NEW	DW	21.8064	79.5008	0.019	0.017	0.000	0.016	0.4	3.4	0.3	3.4
799	SEONI	SEONI	BAMHODI	DW	22.0644	79.6581	0.302	0.000	0.000	0.036	0.0	0.0	1.1	4.2
800	SEONI	SEONI	BAMANDEHI	DW	22.0461	79.5797	0.034	0.003	0.000	0.045	0.0	2.5	0.4	0.0
801	SEONI	SEONI	KANIWARA	DW	22.2119	79.7397	0.088	0.118	0.002	0.037	0.0	6.0	0.6	9.5
802	SEONI	LAKHNADON	BANJARI	DW	22.8181	79.7583	0.257	0.084	0.000	0.000	0.0	3.1	0.0	0.0
803	SEONI	KURAI	KHAWASA	DW	21.7619	79.4719	0.536	0.332	0.007	0.036	0.4	0.0	2.2	0.0
804	SEONI	LAKHNADON	DARGADA	DW	22.9286	79.6375	0.061	0.009	0.000	0.035	0.0	6.9	0.7	0.0
805	SHAHDOL	JAISINGHNAGAR	AMJHOR NEW	DW	23.6676	81.5400	0.011	0.029	0.004	0.018	0.0	2.3	0.2	0.0
806	SHAHDOL	BURHAR	BAHGAD	DW	23.3550	81.6670	0.014	0.027	0.003	0.038	0.0	2.3	0.0	0.0
807	SHAHDOL	BURHAR	BANDHUA TOLA	DW	23.4320	81.6890	0.045	0.009	0.005	0.019	0.0	2.5	0.0	0.0
808	SHAHDOL	BEOHARI	BEOHARI	DW	23.9948	81.3742	0.008	0.115	0.002	0.045	0.0	2.6	0.0	0.0
809	SHAHDOL	BURHAR	BHIKHAMPUR NEW	DW	23.4417	81.6721	0.007	0.002	0.002	0.014	0.0	2.1	0.8	0.0
810	SHAHDOL	JAISINGHNAGAR	BHURKA	DW	23.7140	81.3760	0.010	0.001	0.003	0.015	0.0	2.1	0.0	0.0
811	SHAHDOL	BURHAR	BURHAR NEW	DW	23.2209	81.5243	0.026	0.008	0.004	0.000	0.0	2.4	0.0	0.0
812	SHAHDOL	BURHAR	GIRWAH NEW	DW	23.2597	81.6976	0.018	0.035	0.003	0.009	0.0	1.9	0.0	0.0
813	SHAHDOL	GOHPARU	GOHPARU NEW	DW	23.4859	81.4057	0.066	0.010	0.012	0.039	0.0	3.1	0.3	0.0
814	SHAHDOL	JAISINGHNAGAR	JAISINGHNAGAR NEW	DW	23.6895	81.3909	0.016	0.006	0.005	0.020	1.8	2.0	0.3	0.0
815	SHAHDOL	JAISINGHNAGAR	KARKI	DW	23.8080	81.3880	0.009	0.004	0.005	0.044	0.0	2.5	0.4	0.0
816	SHAHDOL	SOHAGPUR	SINGHPUR NEW	DW	23.2085	81.4177	0.002	0.001	0.000	0.007	0.0	0.9	0.6	0.9
817	SHAHDOL	JAISINGHNAGAR	SIDI	DW	23.6920	81.6650	0.012	0.019	0.000	0.059	0.0	1.2	0.0	0.0
818	SHAHDOL	BURHAR	KHAMHIDOL	DW	23.3690	81.7320	0.000	0.001	0.000	0.010	0.0	0.0	0.2	0.0
819	SHAHDOL	BURHAR	KHARLA	DW	23.2838	81.6027	0.156	0.029	0.004	0.018	0.0	2.7	0.3	0.0
820	SHAHDOL	BEOHARI	PASGARI	DW	24.0980	81.4310	0.016	0.010	0.003	0.015	0.7	3.2	0.3	0.0
821	SHAHDOL	JAISINGHNAGAR	UMARKHOHI	DW	23.8560	81.4940	0.014	0.002	0.003	0.047	0.0	2.4	0.2	0.0
822	SHAHDOL	GOHPARU	SARSI	DW	23.5810	81.4010	0.029	0.115	0.005	0.013	0.0	4.9	0.0	0.0
823	SHAHDOL	SOHAGPUR	KANCHANPUR NEW	DW	23.2572	81.4611	0.004	0.126	0.000	0.025	1.5	1.3	0.0	1.6
824	SHAHDOL	JAISINGHNAGAR	KANADI KHURD NEW	DW	23.7625	81.3460	0.008	0.004	0.002	0.024	0.0	1.6	0.3	1.3
825	SHAHDOL	SOHAGPUR	SHAHDOL	DW	23.299	81.36	0.206	0.091	0.005	0.029	0.0	1.8	0.0	1.8

826	SHAHDOL	JAISINGHNAGAR	TIKHI NEW	DW	23.9340	81.3628	0.010	0.216	0.004	0.020	0.0	1.9	0.0	2.7
827	SHAHDOL	JAISINGHNAGAR	DEORI	DW	81.2889	23.7472	0.004	0.004	0.000	0.026	0.0	2.4	0.2	5.3
828	SHAHDOL	BURHAR	KOTRI NEW	DW	23.4573	81.7203	0.013	0.003	0.009	0.037	0.0	2.7	0.0	0.0
829	SHAHDOL	JAISINGHNAGAR	SANOUSI	DW	23.9490	81.4580	0.015	0.003	0.004	0.000	0.0	2.7	0.2	21.2
830	SHAJAPUR	SHUJALPUR	SHUJALPUR	DW	23.4060	76.7090	2.318	0.041	0.000	0.061	0.0	3.2	0.0	0.0
831	SHAJAPUR	KALAPIPAL	KALAPIPAL	DW	23.3340	76.8330	0.012	0.054	0.002	0.006	0.0	2.8	0.0	0.0
832	SHAJAPUR	MOMAN BADODIYA	SALSALAI	DW	23.4640	76.5380	0.067	0.450	0.000	0.000	1.3	2.5	0.0	0.0
833	SHAJAPUR	KALAPIPAL	NANDNI	DW	23.3180	76.9380	0.012	0.001	0.000	0.007	0.0	3.2	0.3	1.9
834	SHAJAPUR	SHAJAPUR	MAJHANIA	DW	23.4480	76.3210	0.046	0.028	0.000	0.004	0.0	3.2	0.0	0.0
835	SHAJAPUR	MOMAN BADODIYA	CHOUMA	DW	23.6490	76.2250	0.034	0.006	0.007	0.012	0.5	3.8	0.0	2.4
836	SHAJAPUR	KALAPIPAL	ARANDIA	DW	23.2080	76.7390	0.008	0.001	0.003	0.000	0.0	2.5	0.4	2.9
837	SHAJAPUR	SHAJAPUR	TILAWAD GOVIND	DW	23.3100	76.3330	0.010	0.000	0.005	0.000	0.7	2.4	0.0	0.0
838	SHAJAPUR	SHAJAPUR	NARAYANGAON	DW	23.4780	76.2560	0.004	0.001	0.000	0.014	0.0	3.4	0.0	1.2
839	SHAJAPUR	MOMAN BADODIYA	MOMAN BADODIA	DW	23.6060	76.3410	0.051	0.005	0.003	0.014	0.0	3.1	0.0	4.0
840	SHAJAPUR	SHAJAPUR	SHAJAPUR	DW	23.4210	76.2760	0.011	0.012	0.000	0.010	0.0	3.0	0.0	1.4
841	SHAJAPUR	SHUJALPUR	AKODIA	DW	23.3820	76.5990	0.005	0.001	0.000	0.010	0.0	2.3	0.0	4.7
842	SHAJAPUR	SHAJAPUR	PANWADI	DW	23.5040	76.4040	0.007	0.000	0.000	0.000	0.0	2.6	0.0	2.9
843	SHEOPUR	SHEOPUR	DOTI	DW	25.6706	76.5986	0.505	0.018	0.007	0.000	0.0	2.7	0.0	2.4
844	SHEOPUR	SHEOPUR	BARODA NEW	DW	25.4906	76.6558	0.012	0.007	0.003	0.026	0.0	4.5	0.2	3.6
845	SHEOPUR	SHEOPUR	RAJPURA	DW	25.7100	76.6808	0.016	0.001	0.000	0.008	0.0	4.4	0.0	4.7
846	SHEOPUR	SHEOPUR	FILOJPURA	DW	25.5850	76.6650	0.037	0.001	0.000	0.008	1.7	3.3	0.0	5.3
847	SHEOPUR	SHEOPUR	PANDOLA	DW	25.5458	76.6444	0.010	0.002	0.000	0.005	0.0	3.6	0.3	6.8
848	SHEOPUR	VIJAYPUR	PURA	DW	25.9533	76.9914	0.007	0.005	0.000	0.007	0.0	3.1	0.0	1.0
849	SHEOPUR	KARAHAL	GORAS	DW	25.5344	76.9450	0.019	0.000	0.000	0.010	0.5	3.6	0.2	0.0
850	SHEOPUR	VIJAYPUR	VIJAYPURCOLONY	DW	26.0567	77.3644	0.019	0.001	0.000	0.006	0.0	2.0	0.2	1.7
851	SHEOPUR	KARAHAL	KUNORH	DW	25.5286	77.1992	0.010	0.002	0.006	0.033	0.0	4.0	0.0	0.0
852	SHEOPUR	KARAHAL	PAHELA	DW	25.4239	76.8872	0.007	0.002	0.000	0.005	1.8	2.9	0.0	0.0
853	SHEOPUR	KARAHAL	KARAHAL	DW	25.4931	77.0569	0.005	0.001	0.000	0.009	0.0	3.8	0.0	1.2
854	SHEOPUR	KARAHAL	KALMI	DW	25.5811	76.8786	0.014	0.002	0.000	0.008	0.6	5.2	0.4	1.3
855	SHEOPUR	VIJAYPUR	GARHI	DW	26.1200	77.3058	0.042	0.002	0.003	0.087	0.0	3.2	0.0	1.7
856	SHEOPUR	VIJAYPUR	GHASWANI	DW	25.8917	77.5061	0.405	0.017	0.002	0.000	0.0	3.5	0.0	2.3
857	SHEOPUR	SHEOPUR	BHAGWARA	DW	25.6733	76.6147	0.032	0.004	0.000	0.007	0.0	3.4	0.6	5.3
858	SHEOPUR	VIJAYPUR	HARKUI	DW	26.1589	77.1792	0.515	0.008	0.004	0.000	0.0	4.6	0.0	3.1
859	SHEOPUR	VIJAYPUR	SHYAMPUR	DW	26.0811	77.0342	0.285	0.047	0.004	0.088	0.0	3.4	0.0	3.6
860	SHEOPUR	KARAHAL	NONPURA	DW	25.5222	77.1314	0.229	0.017	0.000	0.000	0.0	2.5	0.0	2.6
861	SHIVPURI	KHANIYADHANA	MASOORI	DW	25.1000	77.9300	0.022	0.072	0.000	0.009	0.0	3.6	0.0	0.0
862	SHIVPURI	PICHHORE	DHOLA	DW	25.2830	78.1300	0.014	0.002	0.002	0.005	0.0	3.9	0.0	5.3
863	SHIVPURI	KARERA	KARERA	DW	25.4540	78.1360	0.011	0.001	0.000	0.011	0.0	4.1	0.2	2.3
864	SHIVPURI	POHARI	AINPURA	DW	25.6470	77.4100	0.010	0.002	0.000	0.008	0.0	1.6	0.0	3.9
865	SHIVPURI	KOLARAS	MANIPURA NEW	DW	25.2130	77.6060	0.021	0.002	0.000	0.005	0.0	3.2	0.4	2.0

866	SHIVPURI	SHIVPURI	PATERA	DW	25.6100	77.7360	0.004	0.010	0.000	0.004	0.0	3.1	0.0	1.4
867	SHIVPURI	NARWAR	BEHGWAN	DW	25.6290	78.1030	0.013	0.004	0.000	0.007	0.0	4.2	0.0	7.8
868	SHIVPURI	KHANIYADHANA	PICHHORE	DW	25.1756	78.1903	0.023	0.001	0.002	0.051	0.0	2.9	0.0	1.3
869	SHIVPURI	PICHHORE	BHONTI	DW	25.3200	78.1000	0.030	0.001	0.000	0.011	0.0	4.5	0.3	1.6
870	SHIVPURI	POHARI	GOBARDHAN	DW	25.7900	77.5340	0.015	0.001	0.000	0.004	0.0	3.6	0.0	1.0
871	SHIVPURI	KARERA	TODA KAREA	DW	25.4530	78.1850	0.010	0.001	0.000	0.008	0.0	2.9	0.2	2.4
872	SHIVPURI	KARERA	SARSOD	DW	25.4230	78.0510	0.009	0.002	0.000	0.013	0.0	3.0	0.0	2.6
873	SHIVPURI	NARWAR	NARWAR	DW	25.6510	77.8330	0.014	0.002	0.008	0.087	1.5	3.4	0.2	0.9
874	SHIVPURI	KHANIYADHANA	BAMORKALAN NEW	DW	24.8860	78.1510	0.016	0.002	0.000	0.005	0.0	3.9	0.2	2.5
875	SHIVPURI	KHANIYADHANA	ACHHRONI NEW	DW	24.9920	78.2310	0.551	0.012	0.002	0.007	0.0	1.1	0.5	1.4
876	SHIVPURI	NARWAR	SEHORE	DW	25.6650	78.1060	0.007	0.001	0.000	0.000	3.3	2.7	0.6	5.8
877	SHIVPURI	SHIVPURI	BHAGORA	DW	25.4180	77.7600	0.108	0.003	0.000	0.000	0.0	4.5	0.2	1.6
878	SHIVPURI	KHANIYADHANA	SITAPUR	DW	25.1330	78.2070	0.051	0.002	0.000	0.006	0.0	3.8	0.2	2.0
879	SHIVPURI	POHARI	POHARI	DW	25.5410	77.3650	0.011	0.001	0.000	0.007	0.0	4.5	0.0	1.9
880	SHIVPURI	KARERA	SIKANDARA	DW	25.4720	78.3650	0.018	0.001	0.000	0.013	0.0	3.3	0.0	2.9
881	SHIVPURI	SHIVPURI	SIRSOD	DW	25.4860	77.5100	0.015	0.001	0.000	0.027	0.0	3.8	0.4	2.3
882	SHIVPURI	NARWAR	MANGRONI	DW	25.6960	77.9330	0.075	0.004	0.014	0.000	0.0	3.2	0.5	6.8
883	SHIVPURI	PICHHORE	SEMRI	DW	25.1820	78.1120	0.006	0.003	0.000	0.014	0.0	2.7	0.0	3.7
884	SHIVPURI	KARERA	SIRSOD CHOURAHA	DW	25.4220	78.0510	0.003	0.001	0.211	0.045	0.0	3.9	0.0	3.4
885	SHIVPURI	SHIVPURI	SATANWARA	DW	25.5440	77.7310	0.025	0.001	0.000	0.009	0.0	3.2	0.0	6.4
886	SHIVPURI	KARERA	AWAS	DW	25.4730	78.3510	0.009	0.002	0.000	0.009	0.0	2.6	0.2	7.0
887	SHIVPURI	KHANIYADHANA	SHUBASPURA	DW	25.7353	77.7475	0.008	0.008	0.002	0.004	0.0	1.0	0.0	2.4
888	SHIVPURI	KARERA	LANGURI	DW	25.4840	78.1230	0.005	0.002	0.000	0.000	0.0	3.2	0.0	22.1
889	SIDHI	SIDHI	BADHAORA	DW	24.3964	81.7547	0.034	0.132	0.000	0.022	1.5	3.2	0.2	0.0
890	SIDHI	RAMPUR NAIKIN	RAMPUR2	DW	24.3431	81.4808	0.000	0.049	0.002	0.000	0.0	3.9	0.0	1.0
891	SIDHI	SIHAWAL	BAHARI	DW	24.4467	82.1708	0.073	0.224	0.000	0.015	2.3	4.2	0.3	0.0
892	SIDHI	SIDHI	BARAMBABA	DW	24.2750	81.9019	0.047	0.030	0.000	0.023	0.6	4.7	0.0	0.0
893	SIDHI	KUSMI	BASTUA	DW	23.9867	81.7086	0.043	0.005	0.003	0.042	0.0	3.5	0.2	0.0
894	SIDHI	MAJHOLI	PARSILLI	DW	24.1467	81.4883	0.042	0.017	0.000	0.022	0.0	3.7	0.3	0.0
895	SIDHI	SIDHI	CHOUPHAL	DW	24.2890	81.7880	0.075	0.000	0.044	0.013	0.9	4.1	0.6	0.0
896	SIDHI	RAMPUR NAIKIN	CHOURHAT	DW	24.4250	81.6733	0.007	0.002	0.008	0.013	0.0	3.1	0.3	1.3
897	SIDHI	KUSMI	TAMSAR	DW	24.0350	81.9070	0.077	0.000	0.014	0.009	1.0	2.4	0.0	0.0
898	SIDHI	SIHAWAL	SIHAWAL	DW	24.5617	82.2392	0.011	0.050	0.002	0.024	0.0	4.1	0.0	0.0
899	SIDHI	SIDHI	KHAMH	DW	24.2375	81.7383	0.018	0.025	0.000	0.042	0.0	4.1	0.0	0.0
900	SIDHI	SIHAWAL	CHHAGOHAR	DW	81.9381	23.9886	0.015	0.011	0.002	0.009	0.0	3.9	0.0	0.8
901	SIDHI	DEOSAR	TIKRI	DW	24.1620	81.8630	0.010	0.002	0.000	0.016	0.0	5.2	0.2	0.0
902	SIDHI	MAJHOLI	SEMARIHA	DW	24.1328	81.5522	0.010	0.004	0.000	0.014	0.6	4.4	0.3	1.1
903	SIDHI	SIHAWAL	KUCHWAHI	DW	24.4061	81.9769	0.035	0.003	0.002	0.021	0.0	3.5	1.0	1.1
904	SIDHI	MAJHOLI	CHHUHI	DW	24.1858	81.6558	0.152	0.373	0.000	0.018	1.1	4.0	0.0	1.1
905	SIDHI	SIDHI	SIDHI	DW	24.4028	81.8875	0.308	0.007	0.007	0.000	0.0	4.2	0.0	1.3
906	SIDHI	RAMPUR NAIKIN	BAGHWAR	DW	24.3311	81.3792	0.009	0.002	0.000	0.033	0.0	3.5	0.2	1.6
907	SIDHI	MAJHOLI	MAJHAULI	DW	24.1200	81.6300	0.010	0.020	0.000	0.014	0.5	3.5	0.0	2.7

908	SIDHI	SIDHI	PATPARA	DW	24.4850	81.8903	0.010	0.006	0.000	0.016	0.0	5.8	0.0	1.6
909	SIDHI	SIHAWAL	MATEHANI	DW	82.1319	24.4409	0.027	0.045	0.000	0.017	1.5	3.0	0.2	1.4
910	SIDHI	KUSMI	DHUANDOL	DW	24.1017	81.8478	0.116	0.022	0.000	0.036	0.0	4.5	0.0	2.5
911	SIDHI	DEOSAR	MAHUA GAON	DW	24.0470	81.9470	0.012	0.014	0.000	0.018	0.0	3.1	0.3	0.8
912	SIDHI	SIHAWAL	JOGIKOTHAR	DW	24.4194	82.0375	0.011	0.003	0.000	0.020	0.0	4.5	0.0	1.5
913	SINGRAULI	DEOSAR	BHARSEDA	DW	24.0775	81.9628	0.010	0.020	0.000	0.000	0.0	1.6	0.3	0.0
914	SINGRAULI	DEOSAR	CHAMARI DOL	DW	24.0011	82.1058	0.735	0.043	0.000	0.033	0.0	2.7	1.9	0.0
915	SINGRAULI	DEOSAR	KOHARA KHOH	DW	24.2678	82.3425	0.008	0.005	0.000	0.023	0.0	1.6	0.0	0.0
916	SINGRAULI	DEOSAR	SARAI	DW	24.0397	82.2039	0.006	0.002	0.000	0.022	0.0	1.3	0.4	0.0
917	SINGRAULI	WAIDHAN	GADERIYA	DW	24.1556	82.4856	0.024	0.016	0.000	0.017	0.0	1.5	0.2	0.0
918	SINGRAULI	WAIDHAN	JAMGADI	DW	24.0397	82.3178	0.028	0.016	0.000	0.038	0.0	1.2	0.3	0.0
919	SINGRAULI	WAIDHAN	JATTHA TOLA	DW	24.0472	82.2558	0.011	0.004	0.000	0.018	0.0	2.1	0.5	0.0
920	SINGRAULI	WAIDHAN	PARSAUNA NEW	DW	24.0892	82.5575	0.065	0.210	0.000	0.024	0.0	1.5	0.0	0.0
921	SINGRAULI	CHITRANGI	GODWALD	DW	24.2181	82.5057	0.031	0.006	0.000	0.016	0.4	2.0	0.0	0.0
922	SINGRAULI	DEOSAR	BANJARI	DW	24.0878	81.9303	0.009	0.006	0.000	0.023	0.0	2.7	0.0	1.0
923	SINGRAULI	WAIDHAN	KOYAL KHUNTH	DW	23.9456	82.4850	0.012	0.002	0.000	0.023	0.0	2.7	0.0	2.4
924	SINGRAULI	WAIDHAN	CHAURA	DW	24.0111	82.4717	0.012	0.002	0.000	0.021	0.6	2.0	0.3	2.4
925	SINGRAULI	DEOSAR	PARASI	DW	24.0400	82.0414	0.009	0.269	0.000	0.019	0.0	1.0	0.0	3.4
926	SINGRAULI	WAIDHAN	MARA	DW	23.8972	82.5028	0.009	0.276	0.000	0.019	0.0	1.0	0.0	3.5
927	SINGRAULI	DEOSAR	BETAHA DAND	DW	24.2386	82.3772	0.014	0.004	0.002	0.049	0.0	1.5	0.3	6.1
928	SINGRAULI	CHITRANGI	KARTHUA	DW	24.3947	82.2439	0.064	0.021	0.000	0.017	0.0	2.0	0.0	0.0
929	SINGRAULI	CHITRANGI	BICHHIYA	DW	24.4185	82.2842	0.009	0.005	0.000	0.032	0.0	1.5	0.0	1.2
930	SINGRAULI	CHITRANGI	SHERWA	DW	24.4612	82.4566	0.016	0.035	0.002	0.023	0.0	1.1	0.0	2.3
931	TIKAMGARH	JATARA	BAWARI	DW	24.9200	78.8386	0.539	0.005	0.000	0.000	0.0	1.8	0.0	0.0
932	TIKAMGARH	PALERA	BELA	DW	25.0775	79.3333	0.077	0.019	0.002	0.015	0.0	3.6	0.0	0.0
933	TIKAMGARH	PRITHVIPUR	BIRORAKHET	DW	25.1150	78.7917	0.189	0.028	0.000	0.014	0.6	6.0	0.9	3.8
934	TIKAMGARH	BALDEOGARH	MANIKPUR	DW	24.8481	79.1706	0.329	0.002	0.000	0.000	0.0	2.0	0.0	1.1
935	TIKAMGARH	PALERA	BAMORII	DW	25.1250	79.0940	0.015	0.000	0.000	0.021	0.0	1.4	0.0	1.5
936	TIKAMGARH	PRITHVIPUR	BEER SAGAR	DW	25.1960	78.6960	0.889	0.018	0.011	0.063	0.0	2.4	0.4	2.8
937	TIKAMGARH	JATARA	JATARA	DW	25.0031	79.0475	0.000	0.035	0.011	0.000	0.0	5.2	2.2	2.3
938	TIKAMGARH	JATARA	DIGAPURA	DW	24.9710	78.8390	1.941	0.010	0.020	0.000	0.0	3.8	0.6	4.0
939	TIKAMGARH	TIKAMGARH	MAJNA	DW	24.8364	78.9972	0.036	0.009	0.000	0.020	0.0	1.1	0.0	3.7
940	TIKAMGARH	JATARA	LADHAURA	DW	25.0717	78.8731	0.030	0.001	0.000	0.015	0.0	1.5	0.0	18.2
941	TIKAMGARH	TIKAMGARH	MAWAI	DW	24.7944	78.9283	0.000	0.000	0.000	0.000	0.0	0.0	0.0	4.7
942	TIKAMGARH	BALDEOGARH	BALDEOGARH	DW	24.7561	79.0500	0.012	0.009	0.000	0.024	0.0	1.3	0.0	1.1
943	TIKAMGARH	TIKAMGARH	TIKAMGARH	DW	24.7440	78.8380	0.022	0.001	0.105	0.000	0.0	0.0	0.0	7.1
944	TIKAMGARH	PRITHVIPUR	NENGAWAN	DW	25.2547	78.6733	1.128	0.020	0.008	0.061	0.0	2.8	0.4	3.1
945	TIKAMGARH	NIWARI	NIWARI NEW	DW	25.3447	78.8011	0.014	0.003	0.000	0.011	0.0	1.1	0.0	3.4
946	TIKAMGARH	NIWARI	ORCHHA	DW	25.3494	78.6411	0.033	0.003	0.018	0.055	0.0	2.1	1.0	13.9
947	TIKAMGARH	PALERA	PALERA	DW	25.0236	79.2375	0.007	0.001	0.005	0.022	0.0	1.5	0.0	24.1
948	TIKAMGARH	PRITHVIPUR	PRITHIPUR	DW	25.2061	78.7539	0.773	0.019	0.000	0.023	0.0	1.0	0.3	3.1
949	TIKAMGARH	TIKAMGARH	KUNDESHWAR	DW	24.6975	78.7983	0.007	0.000	0.000	0.009	0.0	1.0	0.0	11.4

950	VIDISHA	LATERI	TAJPURA	DW	24.0620	77.2930	0.009	0.005	0.000	0.063	0.0	0.4	0.0	1.4
951	VIDISHA	GYARASPUR	ATARI KHEJDA	DW	23.6150	78.0280	0.017	0.003	0.002	0.010	0.0	0.7	0.8	6.0
952	VIDISHA	VIDISHA	BAGRI	DW	23.5680	77.7650	0.031	0.149	0.000	0.022	1.3	0.0	0.0	2.2
953	VIDISHA	VIDISHA	IMALIYA	DW	23.5760	77.7810	0.016	0.189	0.000	0.018	1.1	4.9	0.0	3.0
954	VIDISHA	BASODA	MUDRA	DW	23.7770	78.1860	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
955	VIDISHA	VIDISHA	BILARI	DW	23.5780	77.6980	0.005	0.004	0.003	0.015	0.8	4.0	0.9	3.4
956	VIDISHA	SIRONJ	DEHRI JAGRIR	DW	24.0410	77.7860	0.030	0.004	0.000	0.011	0.0	3.8	0.0	1.0
957	VIDISHA	BASODA	UDAIPUR	DW	23.9010	78.0550	0.042	0.007	0.004	0.000	2.4	5.6	0.2	1.2
958	VIDISHA	BASODA	MALKAPUR	DW	23.9790	77.8510	0.009	0.002	0.000	0.000	0.0	1.4	0.0	1.3
959	VIDISHA	GYARASPUR	GYARASPUR1	DW	23.6670	78.1140	0.018	0.128	0.003	0.000	0.0	2.6	0.0	21.0
960	VIDISHA	VIDISHA	VIDISHA	DW	23.5260	77.8240	0.009	0.006	0.002	0.036	0.0	0.2	0.0	4.0
961	VIDISHA	VIDISHA	BAMURIYA	DW	23.6130	77.7630	0.027	0.003	0.003	0.012	1.7	5.3	0.0	5.1
962	VIDISHA	KURWAI	KURWAI1	DW	24.1250	78.0430	0.016	0.124	0.005	0.028	0.8	2.5	0.0	2.8
963	VIDISHA	BASODA	GANJBASODA1	DW	23.8630	77.9240	0.056	0.056	0.009	0.000	0.0	4.7	0.4	2.5
964	VIDISHA	NATERAN	MOHANPURA	DW	23.7960	77.5310	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
965	VIDISHA	BASODA	BARETH	DW	23.9130	78.0000	0.000	0.000	0.000	0.000	0.0	0.0	0.0	3.3
966	VIDISHA	NATERAN	RASULLI	DW	23.8110	77.5420	0.130	0.282	0.000	0.012	0.0	5.3	0.2	0.0
967	VIDISHA	SIRONJ	SIRONJI	DW	24.0990	77.6890	0.093	0.007	0.004	0.063	0.6	4.6	0.4	2.6
968	VIDISHA	NATERAN	TINSIYAI	DW	23.7720	77.6090	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
969	VIDISHA	NETERAN	NATERAN NEW	DW	23.7622	77.7753	0.005	0.010	0.003	0.022	4.9	3.2	0.3	1.9
970	VIDISHA	VIDISHA	HIRNAI	DW	23.5680	77.9500	0.011	0.014	0.000	0.055	0.0	3.9	0.0	2.1
971	VIDISHA	LATERI	ANANDPUR	DW	24.1670	77.4430	0.004	0.007	0.000	0.023	0.0	6.5	0.4	1.9
972	VIDISHA	SIRONJ	PATHARIA	DW	24.1150	77.8190	0.021	0.116	0.000	0.000	0.0	3.2	0.0	0.0
973	VIDISHA	BASODA	GHATERA	DW	23.8070	78.1240	0.003	0.002	0.000	0.013	0.7	4.6	0.0	4.4
974	VIDISHA	VIDISHA	PATTAN	DW	23.7250	77.6570	0.018	0.263	0.003	0.010	0.7	2.7	0.0	15.2
975	VIDISHA	LATERI	LATERI NEW	DW	77.4057	24.0583	0.006	0.030	0.000	0.006	0.0	0.0	0.0	4.8
976	MANDSAUR	BHANPURA	BABULDA	DW	24.4740	75.6880	0.000	0.000	0.000	0.000	0.0	0.7	0.0	0.0
977	MANDSAUR	BHANPURA	BADODIYA	DW	24.5992	75.6892	0.000	0.000	0.000	0.000	0.0	0.9	0.0	0.0
978	MANDSAUR	GAROTH	BARKHERANAYAK	DW	24.2190	75.5220	0.000	0.000	0.000	0.000	0.7	0.0	0.0	0.0
979	MANDSAUR	MANDSAUR	BOTALGANJ	DW	24.1483	75.0292	0.154	0.369	0.000	0.000	0.0	9.1	0.0	0.0
980	MANDSAUR	BHANPURA	BHANPURA	DW	24.5128	75.7472	0.000	0.000	0.000	0.000	0.0	1.6	0.0	0.0
981	MANDSAUR	MANDSAUR	CHIRMOLIYA	DW	24.0222	75.2569	0.000	0.873	0.000	0.000	0.7	0.0	0.0	0.0
982	MANDSAUR	MANDSAUR	DALODA2	DW	23.9250	75.0989	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
983	MANDSAUR	MANDSAUR	KACHNERA	DW	23.8640	75.1030	0.000	0.000	0.000	0.057	0.0	0.7	0.0	0.0
984	MANDSAUR	GAROTH	DHARMARAJESHWER	DW	24.1925	75.5000	0.000	0.000	0.000	0.155	0.0	1.5	0.0	0.0
985	MANDSAUR	BHANPURA	DUDHKHERI	DW	24.4314	75.6847	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
986	MANDSAUR	GAROTH	GAROTH NEW	DW	24.3381	75.6606	0.000	0.000	0.000	0.073	0.0	0.8	0.0	0.0
987	MANDSAUR	MANDSAUR	MANDSAUR	DW	24.0530	75.0530	0.000	0.093	0.000	0.000	0.6	0.0	0.0	0.0
988	MANDSAUR	MALHARGARH	MALHARGARH	DW	24.2780	74.9910	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
989	MANDSAUR	MANDSAUR	NAYAKHERA	DW	24.0140	75.0830	0.372	0.000	0.000	0.191	0.0	0.0	0.0	0.0
990	MANDSAUR	MALHARGARH	NARAYANGARH	DW	24.2670	75.0540	0.117	0.000	0.000	0.000	0.6	2.0	0.0	0.0
991	MANDSAUR	SITAMAU	SITAMAU	DW	24.0130	75.3490	0.052	0.000	0.000	0.000	0.6	3.5	0.0	0.0

992	MANDSAUR	MALHARGARH	PIPALIYA	DW	24.1960	75.0080	0.198	0.000	0.000	0.000	0.0	1.9	0.0	0.0
993	MANDSAUR	BHANPURA	SANDHARA	DW	24.5610	75.8680	0.153	0.000	0.000	0.000	0.0	0.9	0.0	0.0
994	MANDSAUR	GAROTH	SHAMGARH2	DW	24.1914	75.6400	0.000	0.000	0.000	0.085	0.7	0.0	0.0	0.0
995	MANDSAUR	SITAMAU	SURJANI	DW	24.0250	75.4450	0.000	0.000	0.000	0.000	0.0	1.9	0.0	0.0
996	MANDSAUR	SITAMAU	SUWASARA	DW	24.0770	75.6430	0.000	0.000	0.000	0.000	0.0	0.6	0.0	0.0
997	MANDSAUR	SITAMAU	BASAKHEDA	DW	24.0320	74.9455	0.000	0.000	0.000	0.079	0.0	0.8	0.0	0.0
998	NEEMUCH	MANASA	BARLAI	DW	24.4240	75.3200	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
999	NEEMUCH	MANASA	BESLA	DW	24.5540	75.4570	0.000	0.000	0.000	0.000	0.0	1.7	0.0	0.0
1000	NEEMUCH	MANASA	BHADANADW	DW	24.5610	75.3690	0.000	0.000	0.000	0.000	0.0	0.8	0.0	0.0
1001	NEEMUCH	MANASA	CHACHOR	DW	24.3720	75.3570	0.705	1.299	0.000	1.811	0.0	0.0	0.0	0.0
1002	NEEMUCH	JAWAD	DADOLI	DW	24.6740	75.0410	0.101	0.000	0.000	0.156	0.8	17.6	0.0	0.0
1003	NEEMUCH	NEEMUCH	GIRDOLA	DW	24.4620	74.9320	0.058	0.000	0.000	0.000	1.8	0.8	0.0	0.0
1004	NEEMUCH	MANASA	KUNDALIYA	DW	24.4670	75.3310	0.000	0.000	0.000	0.059	0.0	0.0	0.0	0.0
1005	NEEMUCH	MANASA	MANASA	DW	24.4710	75.1440	1.302	0.147	0.000	0.000	0.0	0.0	0.0	0.0
1006	NEEMUCH	NEEMUCH	KACHOLI	DW	24.3630	74.9410	0.110	0.925	0.000	0.000	0.6	0.6	0.0	0.0
1007	NEEMUCH	MANASA	RAMPURA	DW	24.4620	75.4410	0.000	0.000	0.000	0.000	0.0	0.9	0.0	0.0
1008	NEEMUCH	MANASA	JAMALPURA	DW	24.4870	75.4640	0.000	0.000	0.000	0.000	0.0	0.0	0.0	3.0
1009	NEEMUCH	JAWAD	RATANGARH	DW	24.8110	75.1090	0.000	0.000	0.000	0.058	0.0	0.0	0.0	0.0
1010	NEEMUCH	MANASA	GOTA PIPLIYA	DW	24.4800	75.2230	0.000	0.000	0.000	0.000	0.0	0.0	0.0	4.3
1011	NEEMUCH	NEEMUCH	NEEMUCH	DW	24.4540	74.8740	0.057	0.052	0.000	0.059	0.0	0.0	0.0	0.0
1012	NEEMUCH	NEEMUCH	SAVAN	DW	24.4520	75.0630	0.000	0.125	0.000	0.354	0.0	0.0	0.0	0.0
1013	NEEMUCH	MANASA	KUKRESHWAR	DW	24.4800	75.2680	0.000	0.000	0.000	0.101	0.0	0.0	0.0	6.3
1014	NEEMUCH	JAWAD	SINGOLI	DW	24.9680	75.2880	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1015	NEEMUCH	NEEMUCH	NAYAGAON2	DW	24.5610	74.7760	0.000	0.000	0.000	0.000	0.0	0.0	0.0	3.3
1016	NEEMUCH	NEEMUCH	SEMALI CHANDRAWAT	DW	24.5480	74.9360	0.000	0.000	0.000	1.5	0.0	0.0	0.0	4.4
1017	NEEMUCH	JAWAD	LALPURA	DW	24.6140	74.9260	0.000	0.000	0.000	0.000	0.0	0.0	0.0	5.4
1018	RATLAM	ALOT	ALOT	DW	23.7580	75.5300	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1019	RATLAM	PIPLODA	BARKHEDA	DW	23.6250	75.0310	0.000	0.000	0.000	0.000	0.0	1.0	0.0	0.0
1020	RATLAM	RATLAM	DHARAD	DW	23.2500	75.1080	0.000	0.000	0.000	0.000	0.0	0.8	0.0	0.0
1021	RATLAM	JAORA	DHODHAR	DW	23.7750	75.1090	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1022	RATLAM	JAORA	JAORA	DW	23.6330	75.1220	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1023	RATLAM	ALOT	MALAKHERA	DW	23.6970	75.4490	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1024	RATLAM	ALOT	TAL	DW	23.7220	75.3830	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1025	RATLAM	RATLAM	MESWASA NEW	DW	23.4953	75.0672	0.174	0.172	0.000	0.053	0.0	0.6	0.0	0.0
1026	RATLAM	JAORA	MINDLI	DW	23.6900	75.2920	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0
1027	RATLAM	RATLAM	NAMLI	DW	23.4550	75.0660	0.000	0.000	0.000	0.000	0.0	1.4	1.2	0.0
1028	RATLAM	BAJNA	RAJAPUR	DW	23.3410	74.7300	0.000	0.000	0.000	0.000	0.0	2.5	0.0	0.0
1029	RATLAM	JAORA	RAMNAGAR	DW	23.5370	75.2550	0.000	0.000	0.000	0.068	0.0	1.6	0.0	0.0
1030	RATLAM	PIPLODA	RANKODA	DW	23.6130	74.9640	0.000	0.000	0.000	0.000	0.0	2.2	1.4	0.0
1031	RATLAM	BAJNA	RAOTI	DW	23.2270	74.8420	0.000	0.000	0.000	0.055	0.7	1.4	0.0	0.0
1032	RATLAM	RATLAM	RATLAM	DW	23.3310	75.0450	0.000	0.000	0.000	0.099	0.0	0.7	0.0	0.0
1033	RATLAM	RATLAM	RATTAGARHKHERA	DW	23.1390	75.2160	0.000	0.000	0.000	0.000	0.0	1.9	0.0	0.0

1034	RATLAM	SAILANA	SAILANA	DW	23.4570	74.9330	0.052	0.078	0.000	0.000	0.0	1.2	0.0	0.0
1035	RATLAM	RATLAM	SEJAWATA	DW	23.3770	75.0600	0.262	0.000	0.000	0.000	0.0	0.0	0.0	3.1
1036	RATLAM	SAILANA	SHIVGARH	DW	23.3490	74.8620	0.000	0.000	0.000	0.000	0.6	0.7	0.0	0.0
1037	RATLAM	JAORA	SINDURKIYA	DW	23.6660	75.2350	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1038	RATLAM	PIPLODA	SOHANGARH	DW	23.5800	75.0800	0.000	0.000	0.000	0.000	0.0	9.7	0.0	0.0
1039	RATLAM	ALOT	KHARWA KALAN	DW	23.6150	75.4780	0.000	0.000	0.000	0.000	0.0	0.0	0.0	2.6
1040	RATLAM	JAORA	UKEDIYA	DW	23.5850	75.1800	0.000	0.000	0.000	0.000	0.0	1.6	0.0	0.0
1041	UJJAIN	GHATIA	RUIE NEW	DW	23.2831	75.6600	0.000	0.000	0.000	0.000	0.0	0.8	0.0	0.0
1042	UJJAIN	TARANA	KAIYTHA	DW	23.2331	76.0183	0.000	0.000	0.000	0.000	0.0	0.0	0.5	4.7
1043	UJJAIN	TARANA	DABLAHARDU	DW	23.4928	75.8950	0.000	0.000	0.000	0.000	0.0	0.0	0.0	5.2
1044	UJJAIN	MAHIDPUR	BAIJNATH	DW	23.6028	75.7589	0.000	0.000	0.000	0.092	0.0	1.0	0.0	2.6
1045	UJJAIN	KHACHROD	KACHORD NEW	DW	23.4253	75.2861	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1046	UJJAIN	KHCHROD	UNHEL	DW	23.3356	75.5494	0.000	0.000	0.000	0.000	0.0	11.6	0.0	0.0
1047	UJJAIN	MAHIDPUR	KHERA KHAJURIA	DW	23.4617	75.7961	0.000	0.000	0.000	0.083	0.0	0.0	0.0	2.7
1048	UJJAIN	GHATIA	NAIKHEDI	DW	23.2040	75.6750	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1049	UJJAIN	TARANA	MAKDON	DW	23.5022	76.0722	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1050	UJJAIN	BADNAGAR	KHAROTIA NEW	DW	23.1617	75.6286	0.000	0.000	0.000	0.000	0.0	0.0	0.0	2.9
1051	UJJAIN	MAHIDPUR	DELCHI BUZURG	DW	23.5325	75.5708	0.000	0.000	0.000	0.000	0.5	0.0	0.0	0.0
1052	UJJAIN	MAHIDPUR	MAHIDPURROAD	DW	23.5667	75.5083	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1053	UJJAIN	MAHIDPUR	MAHIDPURTOWN	DW	23.4894	75.6653	0.000	0.000	0.000	0.055	0.9	0.0	0.0	0.0
1054	UJJAIN	TARANA	SUMRA KHEDA	DW	23.2667	76.0617	0.000	0.000	0.000	0.136	0.0	1.4	0.0	0.0
1055	UJJAIN	UJJAIN	DABLA REHWARI	DW	23.2544	75.8156	0.000	0.000	0.000	0.000	0.0	1.1	0.0	0.0
1056	UJJAIN	GHATIA	CHAKRAWADA GRID	DW	23.2564	75.7111	0.000	0.000	0.000	0.000	0.0	2.0	0.0	0.0
1057	UJJAIN	UJJAIN	PATPALA	DW	23.1972	75.8667	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1058	UJJAIN	GHATIA	GHOSLA	DW	23.4392	75.8761	0.000	0.000	0.000	0.969	0.0	0.5	0.0	0.0
1059	UJJAIN	TARANA	TARANA	DW	23.3406	76.0403	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0
1060	UJJAIN	TARANA	KHAKRI SULTAN	DW	23.3986	76.0133	0.000	0.000	0.000	0.000	0.0	0.7	0.0	3.5
1061	UJJAIN	TARANA	RUPAKHEDI	DW	23.4731	75.9714	0.000	0.000	0.000	0.062	0.0	0.8	0.0	4.0
1062	UJJAIN	UJJAIN	VIJAYGANJ MANDI	DW	23.2217	75.9514	0.000	0.000	0.000	0.089	0.0	0.5	0.0	0.0
1063	UJJAIN	GHATIA	NAZARPUR	DW	23.3447	75.8492	0.000	0.138	0.000	0.000	0.5	0.0	0.0	0.0
1064	UJJAIN	UJJAIN	UJJAIN NAGAR PALIKA	DW	23.1858	75.7822	0.000	0.000	0.000	0.390	0.0	1.3	0.0	3.7

End of Result

Annexure-4

List of Locations with Nitrate concentration >45 mg/l during Pre-Monsoon 2023-24

Sl. No.	District	Block	Location	Source	Lat.	Long.	NO3 (mg/L)
1	AGAR MALWA	BADOD	MATKOTRA	Dug Well	23.7390	75.8530	53
2	AGAR MALWA	PRM	GURADI BANGLA	Dug Well	24.0800	76.1550	83
3	AGAR MALWA	SUSNER	SUSNER NEW	Dug Well	23.9440	76.1010	68
4	ANUPPUR	ANUPPUR	FUNGA	Dug Well	23.1830	81.8230	135
5	ANUPPUR	KOTMA	KOTMA	Dug Well	23.1958	81.9786	46
6	BALAGHAT	BIRSA	MOHAGAON	Dug Well	22.0520	80.6810	84
7	BALAGHAT	PARASWADA	BAGHOLI	Dug Well	22.1420	80.3690	70
8	BARWANI	NEWALI	NIWALI2	Dug Well	21.6825	74.9233	115
9	BARWANI	PANSEMAL	PANSEMAL	Dug Well	21.6683	74.7122	107
10	BARWANI	PANSEMAL	DONWAHA	Dug Well	21.6414	74.7514	75
11	BHIND	ATER	PIDORA	Dug Well	26.5458	78.7050	151
12	BHIND	MIHONA	ALAMPUR	Dug Well	26.0290	78.7970	62
13	BURHANPUR	BURHANPUR	CHAPORA	Dug Well	21.2008	76.1850	137
14	BURHANPUR	KHAKNAR	PIPALPANI	Dug Well	21.4300	76.6792	132
15	CHHINDWARA	AMARWARA	BANGAON2	Dug Well	22.2597	79.1319	67
16	CHHINDWARA	CHAURAI	THANVARI KUNDA	Dug Well	22.1760	79.2670	56
17	CHHINDWARA	CHAURAI	MARKA HANDI	Dug Well	22.0450	79.1640	47
18	CHHINDWARA	CHHINDWARA	SAONRI2	Dug Well	21.9647	78.7703	54
19	CHHINDWARA	SAUSAR	PIPLANARAYANWAR	Dug Well	21.5919	78.7335	71
20	CHHINDWARA	TAMIA	MAHALJHIR	Dug Well	22.6090	78.5740	85
21	DAMOH	TENDULHEDA	SAMNAPUR	Dug Well	23.3130	79.3860	62
22	DATIA	DATIA	DATIA NEW	Dug Well	25.6639	78.4614	62
23	DEWAS	BAGLI	PIPRI	Dug Well	22.3990	76.2780	82
24	DEWAS	KANNOD	SATWAS NEW	Dug Well	22.5340	76.6820	67
25	DEWAS	SONKUTCH	BHONRASA	Dug Well	22.9880	76.2070	50
26	DHAR	DHAR	LUNERA	Dug Well	22.5865	75.3363	48
27	DHAR	DHAR	SADALPUR	Dug Well	22.7247	75.4225	46
28	DHAR	GANDHWANI	AWALDAMAN NEW	Dug Well	22.3233	75.0742	75
29	DHAR	NISARPUR	PIPALYA	Dug Well	22.1340	74.8750	112
30	GUNA	CHACHAURA	BADAUD NEW	Dug Well	24.4090	77.0000	50
31	GWALIOR	BHITARWAR	DONGARPUR	Dug Well	25.8220	77.9640	260
32	GWALIOR	GHATIGAON	CHARAI SHYAMPUR	Dug Well	25.9750	77.8310	109
33	GWALIOR	GHATIGAON	SURO	Dug Well	26.2499	78.0417	54
34	GWALIOR	MORAR	JAHANGIRPUR	Dug Well	26.2756	78.2906	93
35	GWALIOR	MORAR	PADAMPUR KHERIA	Dug Well	26.2665	78.2687	68
36	HARDA	HARDA	HARDADW	Dug Well	22.3460	77.0880	142
37	INDORE	DEPALPUR	RANGWASA	Dug Well	22.7440	75.5700	70
38	JABALPUR	JABALPUR	KANCH GHAR	Dug Well	23.1760	79.9600	63
39	JABALPUR	JABALPUR	GOKALPUR	Dug Well	23.1900	79.9850	47
40	JABALPUR	KUNDAM	BISHANPURA	Dug Well	23.2290	80.2490	46
41	JHABUA	PETLAWAD	SARANGI	Dug Well	23.0520	74.9080	49
42	KATNI	BADWARA	PIPARIA2	Dug Well	23.8619	80.6986	70
43	KATNI	DHIMAR KHEDA	SILONI	Dug Well	23.3460	80.3780	75
44	KATNI	DHIMARKHEDA	UMARIAPAN	Dug Well	23.5217	80.2917	140
45	KATNI	KATNI	GANIYARI	Dug Well	23.8306	80.3986	140
46	KATNI	RITHI	BILHARI NEW	Dug Well	23.9028	80.2514	140
47	KHANDWA	CHHEGAON MAKHAN	KUSUMBIYA	Dug Well	21.6890	76.1980	89

48	KHANDWA	CHHEGAON MAKHAN	ROSHIYA NEW	Dug Well	21.9578	76.1664	52
49	KHANDWA	KHALWA	KHALWA1	Dug Well	21.8050	76.7460	55
50	KHANDWA	PANDHANA	BORGAON BUZURG	Dug Well	21.6090	76.3250	78
51	KHANDWA	PANDHANA	BAIRUKHEDA	Dug Well	21.7506	76.3053	68
52	KHANDWA	PUNASA	UDAIPUR	Dug Well	22.2260	76.4030	82
53	KHANDWA	PUNASA	THAPANA	Dug Well	22.2220	76.0870	67
54	KHANDWA	PUNASA	GHOSALI	Dug Well	22.1580	76.1310	64
55	KHANDWA	PUNASA	KAROLI	Dug Well	22.1420	76.2060	46
56	KHARGONE	BHAGWANPURA	BHULWANI	Dug Well	21.5480	75.4810	51
57	KHARGONE	BHIKANGAON	GOGAON	Dug Well	21.9181	75.7444	207
58	KHARGONE	BHIKANGAON	BHIKANGAON2	Dug Well	21.8619	75.9558	78
59	KHARGONE	BHIKANGAON	BAMNALA NEW	Dug Well	21.8250	75.8530	58
60	KHARGONE	JHIRANYA	ZIRANNIYA	Dug Well	21.6506	75.9876	52
61	KHARGONE	KHARGONE	KHARGONE	Dug Well	21.8278	75.6194	92
62	MANDLA	BICHHIYA	SIJHORA	Dug Well	22.4260	80.7770	47
63	MANDSAUR	BHANPURA	DUDHKHERI	Dug Well	24.4314	75.6847	140
64	MANDSAUR	BHANPURA	BABULDA	Dug Well	24.4740	75.6880	88
65	MANDSAUR	BHANPURA	SANDHARA	Dug Well	24.5610	75.8680	71
66	MANDSAUR	GAROTH	BARKHERANAYAK	Dug Well	24.2190	75.5220	177
67	MANDSAUR	GAROTH	GAROTH NEW	Dug Well	24.3381	75.6606	77
68	MANDSAUR	MALHARGARH	PIPALIYA	Dug Well	24.1960	75.0080	65
69	MANDSAUR	MANDSAUR	NAYAKHERA	Dug Well	24.0140	75.0830	154
70	MANDSAUR	MANDSAUR	DALODA2	Dug Well	23.9250	75.0989	91
71	MANDSAUR	MANDSAUR	ATITKHEDI	Dug Well	24.0239	75.0822	46
72	MANDSAUR	SITAMAU	BASAKHEDA	Dug Well	24.0320	74.9455	98
73	MANDSAUR	SITAMAU	SURJANI	Dug Well	24.0250	75.4450	51
74	MORENA	SABALGARH	RANIPURA	Dug Well	26.2060	77.3350	254
75	MORENA	SABALGARH	TONGA GAON	Dug Well	26.2553	77.4381	69
76	NARSINGPUR	CHAWARPATHA	KOUDIYA	Dug Well	22.9460	78.8160	58
77	NARSINGPUR	GATEGAON	GOTEGAON	Dug Well	23.0394	79.4806	104
78	NEEMUCH	MANASA	KUKRESHWAR	Dug Well	24.4800	75.2680	347
79	PANNA	PANNA	MADLA	Dug Well	24.7290	80.0110	67
80	RAJGARH	NARSINGHGARH	PACHORNEW	Dug Well	23.7180	76.7380	133
81	RATLAM	ALOT	TAL	Dug Well	23.7220	75.3830	123
82	RATLAM	JAORA	RAMNAGAR	Dug Well	23.5370	75.2550	66
83	RATLAM	PIPLODA	RANKODA	Dug Well	23.6130	74.9640	76
84	RATLAM	RATLAM	MESWASA NEW	Dug Well	23.4953	75.0672	77
85	RATLAM	RATLAM	DHARAD	Dug Well	23.2500	75.1080	60
86	REWA	MAUGANJ	PAHADI	Dug Well	24.7500	81.8861	49
87	SAGR	MALTHON	BAMORI BIKA NEW	Dug Well	24.2456	78.4328	123
88	SAGR	RAHATGARH	HURRA	Dug Well	23.7280	78.4050	60
89	SAGR	REHLI	REHLI	Dug Well	23.6410	79.0650	130
90	SAGR	SHAHNAGAR	HIRAPUR	Dug Well	24.3660	79.2110	97
91	SAGR	SHAHNAGAR	DALPATPUR	Dug Well	24.1340	79.0170	48
92	SATNA	RAMPUR-BAGHELAN	CHORHATA	Dug Well	24.3880	80.9170	60
93	SHAHDOL	BURHAR	BHIKHAMPUR NEW	Dug Well	23.4417	81.6721	52
94	SHAHDOL	BURHAR	BAHGAD	Dug Well	23.3550	81.6670	50
95	SHAHDOL	BURHAR	KHAMHIDOL	Dug Well	23.3690	81.7320	48
96	SHAHDOL	JAISINGHNAGAR	DEORI	Dug Well	81.2889	23.7472	135
97	SHAHDOL	JAISINGHNAGAR	JAISINGHNAGAR NEW	Dug Well	23.6895	81.3909	74
98	SHAHDOL	SOHAGPUR	SINGHPUR NEW	Dug Well	23.2085	81.4177	75
99	SHAJAPUR	SHAJAPUR	TILAWAD GOVIND	Dug Well	23.3100	76.3330	52

100	SHAJAPUR	SHUJALPUR	MORTA KEWARI	Dug Well	23.2570	76.5540	62
101	SHEOPUR	KARAHAL	KARAHAL	Dug Well	25.4931	77.0569	96
102	SHEOPUR	SHEOPUR	FILOJPURA	Dug Well	25.5850	76.6650	120
103	SHEOPUR	SHEOPUR	RAJPURA	Dug Well	25.7100	76.6808	105
104	SHEOPUR	SHEOPUR	BHAGWARA	Dug Well	25.6733	76.6147	59
105	SHEOPUR	VIJAYPUR	HARKUI	Dug Well	26.1589	77.1792	212
106	SHEOPUR	VIJAYPUR	PURA	Dug Well	25.9533	76.9914	205
107	SHEOPUR	VIJAYPUR	SHYAMPUR	Dug Well	26.0811	77.0342	200
108	SHEOPUR	VIJAYPUR	GHASWANI	Dug Well	25.8917	77.5061	108
109	SHIVPURI	KARERA	AWAS	Dug Well	25.4730	78.3510	53
110	SHIVPURI	KARERA	SIKANDARA	Dug Well	25.4720	78.3650	50
111	SHIVPURI	KHANIYADHANA	BAMORKALAN NEW	Dug Well	24.8860	78.1510	91
112	SHIVPURI	KHANIYADHANA	SITAPUR	Dug Well	25.1330	78.2070	88
113	SHIVPURI	NARWAR	SEHORE	Dug Well	25.6650	78.1060	120
114	SHIVPURI	PICHHORE	SEMIRI	Dug Well	25.1820	78.1120	88
115	SHIVPURI	POHARI	AINPURA	Dug Well	25.6470	77.4100	165
116	SHIVPURI	SHIVPURI	BHAGORA	Dug Well	25.4180	77.7600	120
117	SIDHI	KUSMI	KODAR	Dug Well	23.9772	81.9694	51
118	TIKAMGARH	PRITHVIPUR	NENGAWAN	Dug Well	25.2547	78.6733	90
119	TIKAMGARH	PRITHVIPUR	PRITHIPUR	Dug Well	25.2061	78.7539	65
120	TIKAMGARH	TIKAMGARH	REHLI	Dug Well	24.6410	79.0650	46
121	UJJAIN	BADNAGAR	CHHOTI GHADSOD NEW	Dug Well	23.1103	75.4556	111
122	UJJAIN	BADNAGAR	KHAROTIA NEW	Dug Well	23.1617	75.6286	80
123	UJJAIN	GHATIA	RUIE NEW	Dug Well	23.2831	75.6600	108
124	UJJAIN	KHCHROD	UNHEL	Dug Well	23.3356	75.5494	61
125	UJJAIN	MAHIDPUR	MAHIDPURTOWN	Dug Well	23.4894	75.6653	58
126	UJJAIN	MAHIDPUR	BAIJNATH	Dug Well	23.6028	75.7589	55
127	UJJAIN	MAHIDPUR	DELCHI BUZURG	Dug Well	23.5325	75.5708	49
128	UJJAIN	TARANA	RUPAKHEDI	Dug Well	23.4731	75.9714	53
129	UJJAIN	UJJAIN	DABLA REHWARI	Dug Well	23.2544	75.8156	59
130	UJJAIN	UJJAIN	UJJAIN NAGAR PALIKA	Dug Well	23.1858	75.7822	48
131	UMARIA	KARKELI	CHOTI PALI	Dug Well	23.5958	80.7536	60
132	UMARIA	MANPUR	DHAMOKHAR NEW	Dug Well	23.6314	80.9228	50
133	UMARIA	PALI	GHUNGHUTI NEW	Dug Well	23.3492	81.1924	160