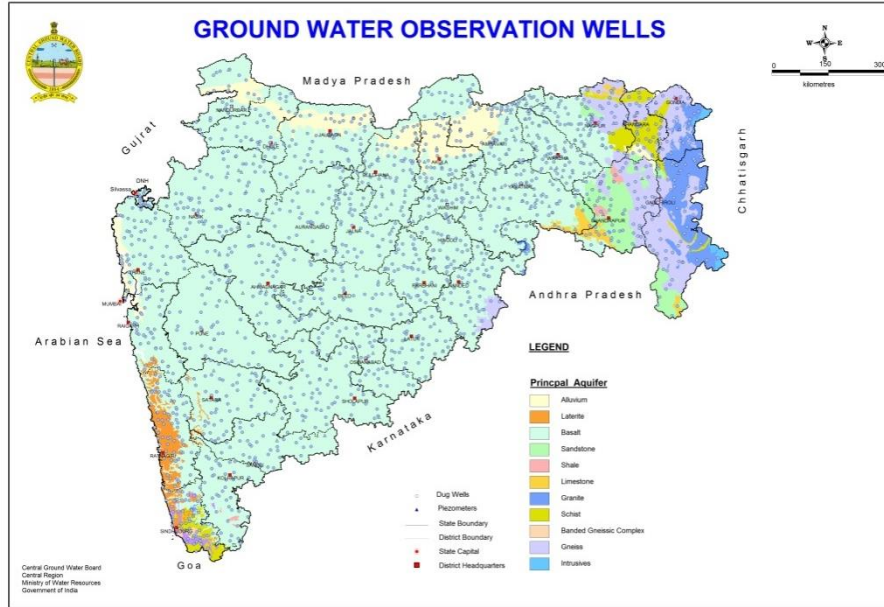


भारत सरकार
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GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES, RD & GR
CENTRAL GROUND WATER BOARD

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महाराष्ट्र राज्य व संघ शासित प्रदेश दादरा एवं नगर हवेली
GROUND WATER YEAR BOOK OF MAHARASHTRA AND
UNION TERRITORY OF DADRA AND NAGAR HAVELI
(YEAR 2018-19) (AAP 2019-20)



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FOREWORD

Central Ground Water Board, the Apex Organization, has been entrusted with the mission to develop and disseminate technologies for scientific and sustainable development and management of Ground Water Resources of the country.

The National Ground Water Regime Monitoring Programme has become one of the most important and frontal activities of the Board. The monitoring programme was initiated in a small way in 1969 by establishing one station per Degree Sheet and has been continuously strengthened ever since, with a view to create a high-density regional network so as to obtain the comprehensive scenario of ground water regime. High priority is accorded for accomplishing the measurements within the stipulated time during each monitoring schedule.

Central Ground Water Board monitors ground water levels four times in a year i.e., during May, August, November and January, through a network of Ground Water Monitoring Wells (GWMWs) for effective planning, management and maintenance of quality of the water resource. The water samples are collected once in a year during May for chemical analysis. During the year 2018-19, 50 new ground water monitoring wells were established strengthening the network further to 1916, which includes 1737 Dug wells and 179 Piezometers as on 31.03.2019 in Maharashtra and Dadra and Nagar Haveli.

The periodic reports on Status of Ground Water Levels are issued within a month of completion of each monitoring schedule, i.e. during May, August, November and January. The data collected from monitoring wells for each monitoring schedule is compiled, processed and the salient features are brought out as a "Ground Water Year Book" issued once in a ground water year depicting temporal as well as spatial changes in ground water regime during the preceding year.

This report pertains to the ground water regime scenario in the state of Maharashtra and Union Territory of Dadra and Nagar Haveli for the year 2018-19. It gives an overview of the status of ground water levels monitored, Pre- Post fluctuation and fluctuation between two consecutive seasons, long term changes in water level and the chemical quality of the ground water for the year 2018.

The ground water regime monitoring work is a joint endeavour of all the officers and staff of this region and their contribution in this activity is highly appreciated. Preparation of this report has been successfully completed by Shri. S. K. Bhatnagar, Scientist-D, Mrs. Nelofar, Scientist B, Dr. Devsharan Verma, Scientist-B (Chem), Dr. R. K. Sharma, Scientist-B (Chem) and Sh. T. Dinesh Kumar, Assistant Chemist, under overall supervision of Dr. Umesh Balpande, Senior Hydrogeologist. I hope that the State Government and other user agencies would utilise the data incorporated in the report for proper planning of the ground water resources development and management activities in the Maharashtra State and Union Territory of Dadra and Nagar Haveli.

(Dr. P.K. Jain)
Regional Director

GROUND WATER YEAR BOOK OF MAHARASHTRA AND UNION TERRITORY OF DADRA AND NAGAR HAVELI (2018- 19)

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GROUND WATER YEAR BOOK OF MAHARASHTRA AND UNION TERRITORY OF DADRA AND NAGAR HAVELI (YEAR 2018- 19)

EXECUTIVE SUMMARY

Maharashtra, the third largest state in India has a total geographical area of 3, 07,762 sq km and lies between latitudes of 15°45' and 22° 00' N and longitudes of 73° 00' and 80° 59' E in the west-central part of India abutting on the Arabian Sea. The Union Territory of Dadra and Nagar Haveli is situated on the north western boarder of the State and occupy an area of about 491 sq km.

For administrative purposes, the State of Maharashtra is divided into 36 districts which are grouped into six divisions namely Konkan, Pune, Nashik, Aurangabad, Amravati and Nagpur. The State has further been divided into five regions namely Konkan, Western Maharashtra, Khandesh, Marathwada and Vidarbha.

Central Ground Water Board, Central Region, Nagpur has set up a network of 1916 observation wells known as the Ground Water Monitoring Wells (GWMW's) located all over Maharashtra which comprises 1737 dug wells and 179 piezometers. The density of stations monitored during 2018-19 works out to one station for every 161 sq km.

Approximately 82 % area of the Maharashtra State (2, 49,934 sq km) and 100 % of UT of DNH (491 sq km) is covered by the Deccan basalts whereas the rest of the state is covered by Quaternary alluvium (14,526 sq km; 4.7 %), Gondwanas (4800 sq km; 1.6 %), Precambrian (Vindhya, Cuddapahs, and Kaladgis- 6,217sq km; 2%) and Archaean's (32,235 sq km; 10.5 %). The aquifers are grouped under three major hydrogeological groups namely unconsolidated, semi-consolidated and consolidated and also nine different types of hydrogeological sub-groups based on geological age and hydrogeological characters. The unconsolidated formations consisting of recent alluvium covering an area of 14,526 sq km constitute the best reservoirs of ground water due to their granular nature which imparts high porosity and permeability due to its interconnected pore spaces.

Three main physiographic units can be recognized: The Sahyadri Range (Western Ghats), The Western Coastal Tract (Konkan), and The Eastern Plateau (Deccan Plateau).

Godavari, Krishna, Tapi, Mahanadi, Narmada and Coastal Basins are the Major river basins in the State. About 52 % network stations fall in Godavari basin, 17 % fall in Tapi, 17 % fall in Krishna, and 14 % network stations fall in Coastal basins.

The State receives rainfall mainly during the south-west monsoon season (June to September). Normal rainfall varies from as low as 572 mm in Ahmednagar district to as high as 3596 mm in Sindhudurg district. Normal monsoon rainfall was received in most of districts of Konkan, Madhya Maharashtra and Vidarbha regions except Marathwada where many districts received deficient monsoon rainfall during monsoon 2018.

The immediate changes did occur in the phreatic aquifer during August when the monsoon was in its progressive phase. The depth to water level during August 2018 revealed that only 88 % of the monitored wells show water level less than 10 m, while 10 % of wells show depth to water in the range of 10-20 m. and 2 % of wells show depth to water more than 20 mbgl. About 43 % of wells showed fall in water levels during August 2018 when compared to decadal mean of August (2008-2017) and this was prominent in major parts of Vidarbha, Khandesh, Western Maharashtra and parts of Marathwada and Konkan regions.

Ground Water Regime Monitoring

- During the year, 50 new monitoring wells were established in Maharashtra State and UT of DNH, and 18 wells were abandoned during the span of time due to various reasons. As on March 31, 2019, total number of active wells for monitoring was 1916 including 179 Piezometers.
- Out of the 1916 Network stations, selected 245 wells have been covered under participatory monitoring.
- During May 2018, 1292 ground water samples were collected from monitoring wells and analysed in NABL accredited chemical lab of Central Region Nagpur.

Ground Water Level Scenario

During the hydrological year (2018-19), the existing monitoring wells were monitored four times, i.e., during May 2018 (pre-monsoon), August 2018 (to assess the impact of monsoon on the ground water resources), November 2018 (to assess the cumulative effect of ground water recharge and withdrawal of ground water for various purposes), and January 2019 (to assess the effect of withdrawal for Rabi crops). For data analysis, preparation of maps and interpretation purposes, the depth to ground water data (DTW) was categorized into various ranges beginning with less than 2 m, 2-5 m, 5-10 m, 10-20 m, & more than 20 m.

- During May 2018, about 68 % of wells distributed all over the Maharashtra have recorded depth to water within 10 mbgl. Deeper ground water levels ranging from 10-20 mbgl were recorded in 28 % of the wells. Depth to water of more than 20 mbgl was observed in 4 % of the wells located in Tapi and Purna alluvium covered parts in Jalgaon, Buldhana, Akola and Amravati districts.
- During August 2018, about 88 % of wells distributed all over the Maharashtra have recorded depth to water within 10 mbgl. Deeper ground water levels ranging from 10-20 mbgl were recorded in 10 % of the wells. Depth to water of more than 20 mbgl was noticed in only 2 % of the wells in parts of Jalgaon, Akola, Buldhana and Amravati districts.
- During November 2018, about 81 % wells distributed all over the Maharashtra have recorded depth to water within 10 mbgl. Deeper water levels ranging from 10-20 mbgl is recorded in 17 % of wells. depth to water of more than 20 mbgl is noticed in only 2 % of the wells in parts of Jalgaon, Akola, Buldhana and Amravati districts.
- During January 2019, about 76 % of wells distributed all over the Maharashtra have recorded depth to water within 10 mbgl. Deeper water levels ranging from 10-20 mbgl are recorded in 21 % of the wells. Depth to water of more than 20 mbgl is noticed in only 3 % of the wells in parts of Jalgaon, Akola, Buldhana and Amravati districts.

It has been observed that, there is a progressive rise in DTW from May-2018 to Aug-2018 due to monsoon rainfall, while decline in DTW has been observed from Nov-2018 to January-2019, as ground water naturally flows out as base flow or is utilised for Rabi agriculture. For all the periods, deeper DTW has been observed in Akola, Amravati, Buldhana, Jalgaon, Dhule and Nandurbar districts, covering Tapi-Purna alluvium. The shallow DTW was observed in Konkan area because maximum rainfall is received in the Coastal districts. The summarized details of different ranges of water level and its percentages are given as follows:

DTW ranges	Percentage (%) of the wells			
	May 2018	August 2018	November 2018	January 2019
> 20	4	2	2	3
10-20	28	10	17	21
5-10	47	23	35	43
2-5	17	34	35	26
< 2	4	31	11	7

Seasonal Water Level Fluctuations

During the year, water level fluctuation in August 2018 with reference to May 2018, fluctuation in November 2018 with reference to May 2018, fluctuation in January 2019 with reference to May 2018, were analysed and given as follows. In all the cases, a rise is observed as compared to May 2018.

Period	Rise (% of Wells)			Fall (% of Wells)		
	0-2	2-4	>4	0-2	2-4	>4
August-May	19%	25%	43%	8%	2%	1%
November-May	29%	24%	23%	16%	4%	3%
January-May	34%	21%	12%	20%	6%	5%

Decadal Water Level Fluctuations

The water level of a particular monitoring season is compared with its average of last 10 years i.e., decadal mean of water levels to understand the water level conditions of that particular season with respect to the decadal mean. Such a comparison helps in the assessment of drought situations or otherwise, the abundance of ground water resources in a particular monitoring season.

The long-term rise in water levels may be attributed to the good saturation of aquifers through rainfall in 2018 monsoon. The long-term decline in water levels may be due to poor saturation of aquifers. These declines may be due to either less rainfall or large-scale developmental activities in terms of exploitation of the ground water resources.

- Mean ground water level for the period May 2008 to May 2017 was compared with the ground water level in May 2018. Out of 1711 wells, 840 wells (51 %) have shown a fall in water level during May 2018 as compared to preceding decadal mean and the remaining 870 stations (49 %) have shown a rise in water level.
- Mean ground water level for the period August 2008 to August 2017 was compared with the ground water level in August 2018. Out of 1620 wells, 57 % have shown a rise in water level during August 2018 as compared to preceding decadal mean and 43 % have shown a fall in water level.
- Mean ground water level for the period November 2008 to November 2017 was compared with the ground water level in November 2018. Out of 1649 wells, 24 % have shown a rise in water level during November 2018 as compared to preceding decadal mean and 76 % have shown a fall in water level.
- Mean ground water level for the period January 2009 to January 2018 was compared with the ground water level in January 2019. Out of 1668 wells, 32 % have shown a rise in water level during January 2019 as compared to preceding decadal mean and 68 % have shown a fall in water level.

Annual Water Level Fluctuations

The water level changes between particular seasons during the year 2018-19 with the corresponding seasons in the previous year, i.e., 2017-18 were analysed and presented as follows:

The annual decline indicates that ground water extraction has been in excess than the rainfall recharge. The evaluation of annual change in groundwater levels during 2018-19 has helped in preparing ground water strategy for future development.

Period	Rise (% of Wells)			Fall (% of Wells)		
	0-2	2-4	>4	0-2	2-4	>4
May -May	32%	9%	7%	35%	8%	5%
August-August	37%	14%	7%	28%	7%	4%
November- November	24%	5%	3%	39%	15%	13%
January -January	27%	6%	5%	37%	12%	12%

Long-Term Trend in Water Level (2009-2018)

The pre-monsoon decadal water level trend, shows a rising trend up to 0.1 m/year, recorded in 38 % of the wells covering about 1,16,521 sq km of the State during the decade 2009-2018. Whereas, rising trend of > 0.1 m/year is observed only in 1807 sq km area of the State. The declining trend of pre-monsoon water level was observed in 61% of the wells covering 1,88,755 sq km. Declining trend up to 0.1 m/year is observed in about 1,86,473 sq km while only 2281 sq km area is showing declining trend of more than 0.1 m/year.

The post-monsoon decadal water level trend, shows a rising trend up to 0.1 m/year, recorded in 32 % of the wells covering about 96,742 sq km during the decade 2009-2018. Whereas, only 469 sq km area is showing rising trend more than 0.1 m/year. The declining trend of post-monsoon water level is observed in 2,10,012 sq km area. Declining trend up to 0.1 m/year is observed in 67 % of the wells covering about 2,07,372 sq km while only 2640 sq km area is showing declining trend more than 0.1 m/year.

The declining trend during premonsoon season indicates that the aquifer is being de-watered every year either due to deficient rainfall or the ground water developmental activities in the area, whereas the rising trend indicates that either the developmental activities have reduced or the recharge due to other sources such as applied irrigation has increased.

GROUND WATER QUALITY

During May 2018, ground water samples for water quality assessment have been collected from 1292 monitoring wells (dug wells or Aquifer-I). The parameters analyzed, include pH, Electrical Conductivity (EC), Total Alkalinity (TA), Total Hardness (TH), Nitrate (NO₃) and Fluoride (F).

- a) The overall range and average value of pH of the ground water samples indicate that the ground water in the State and the UT of DNH is predominantly alkaline in nature.
- b) The average values of TDS of the samples suggest that the groundwater in the monitoring wells is fresh in nature. It is observed that the TDS of ground water of shallow aquifer in majority of the areas of the state is well within the maximum permissible limits as prescribed by BIS, i.e. below 2000 mg/L however higher values, TDS >2000 mg/L are reported in parts of Ahmednagar, Akola, Aurangabad, Buldhana, Dhule, Hingoli, Jalna, Nandurbar, Nasik, Nandurbar, Ratnagiri, Sangli, Satara, Solapur and Thane districts.
- c) The total alkalinity is less than 200 mg/L in majority of the areas of the state.
- d) Out of 1292 ground water samples, total Hardness in 207 samples is found to be above 600 mg/L in Ahmednagar, Akola, Amravati, Aurangabad, Beed, Buldhana, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Raigad, Sangli, Satara, Pune, Ratnagiri, Solapur, Thane, Wardha, Washim and Yavatmal districts of the state.
- e) The chloride content in the ground water samples of the state & UT of DNH is well within the desirable limits of chloride concentration as prescribed by BIS, i.e. 250 mg/L. Out of 1292 samples, only four samples in the four districts of the state were found with chloride content more than the maximum permissible limits of BIS i.e. 1000 mg/L viz. Aurangabad, Dhule, Satara and Ratnagiri districts.
- f) The average nitrate content in ground water of the state during the reporting period i.e. May 2018 is 24.8 mg/L. However maximum NO₃ content found in the ground water is 48 mg/L in Dhule (Pimpalner and Dhavda) and Latur (Walandi) districts of the state.

- g) The range of concentration of fluoride shows that it is present up to 4.93 mg/L in certain parts of the State but the average concentrations indicate that with few exceptions, the concentrations of fluoride in shallow basaltic aquifer is low in general.
- h) The potability of groundwater in the state is mainly affected by TH followed by NO_3 . However, if other parameters are considered, the ground water is potable in almost all parts of Maharashtra and UT of DNH barring few patches.
- i) The analysis of ground water samples on the basis of EC and RSC indicates that the ground water quality of Maharashtra and UT of DNH is suitable for irrigation purpose except at few places where it crosses MPL.

Over major part of the state quality of ground water (shallow aquifers/ Aquifer-I) is found suitable for drinking and irrigation purposes except the inland salinity affected areas of Purna sub basin falling in Amravati, Akola and Buldhana districts; the quality of ground water is saline and not fit for drinking purposes.

As per the water samples of deeper aquifers (Aquifer-II), no variation in the chemical quality has been observed over a period of five years. However, the natural contamination of fluoride at shallow zone has been recorded in parts of Chandrapur, Nagpur and Gondia districts while the results of ground water exploration studies have indicated the presence of high fluoride concentrations in deeper aquifers in Yavatmal, Latur, Osmanabad Solapur, Nanded, Buldhana, Pune, Hingoli and Parbhani districts. The State Government has arranged alternate source of water supply in these fluorides affected villages.

GROUND WATER YEAR BOOK OF MAHARASHTRA AND UNION TERRITORY OF DADRA AND NAGAR HAVELI (2018- 19)

1. INTRODUCTION

The State of Maharashtra lies between latitudes of 15°45' and 22°00' N and longitudes of 73°00' and 80°59' E and occupies west-central part of India along the Arabian Sea. It is bounded on the north by Gujarat, northeast and east by Madhya Pradesh, southeast and south by Andhra Pradesh, southwest by Karnataka and Goa and west abutting on the Arabian Sea. It has a total geographical area of 3, 07,713 sq km and area wise, it is the third largest state in India after Madhya Pradesh and Rajasthan. A 720 km long coastline stretches from Daman in the North to Goa in the South, which falls in the resource development zone called the Western Plateau and Hill Regions of India. Administratively, the state is divided into six divisions namely Konkan, Pune, Nasik, Aurangabad, Amravati, and Nagpur. The State has further been divided in to five regions namely Konkan, Western Maharashtra, Khandesh, Marathwada, and Vidarbha regions as shown in **Plate I**. The UT of Dadra & Nagar Haveli covers an area of about 491 sq km.

The Central Ground Water Board has started monitoring of ground water regime through the all India network of hydrograph stations from 1969 onwards. The density of observation wells has been increased year after year. Earlier ground water monitoring was carried out through a network of open wells, generally dug wells for drinking purpose tapping shallow aquifers. Keeping in view the importance of future ground water development, the network was subsequently strengthened by construction of purpose-built piezometers. At present, in Maharashtra state, a total of 1737 dug wells and 179 piezometers are being monitored for this purpose. The Central Ground Water Board (CGWB) monitors ground water levels all over the country four times a year viz, May (between 20th and 31st), August (between 20th and 31st), November (1st and 10th), and January (1st and 10th) in order to bring out the spatial and temporal changes in the ground water regime. This continuous monitoring provides a valuable tool to decipher the seasonal and long-term changes in ground water regime that in turn helps in managing the ground water resources in a scientific manner. Water samples from the observation wells are being collected once in a year, during May for quality testing. The water level and chemical analysis data is analyzed and scientifically interpreted in dedicated CGWBs' software GEMS, and MapInfo. The Ground Water Year Book is issued annually with interpreted data and thematic maps depicting the ground water scenario.

Consistent efforts are being made to strengthen the existing monitoring network, during the period May 2018-January 2019, for this purpose 50 new monitoring wells were established in Maharashtra State and UT of DNH. The total numbers of active ground water monitoring wells are 1916 (as on March 2019). Hydro-chemical aspects of the ground water regime are monitored by recording temperature and electrical conductivity in the field in all four monitoring schedules in a year. Collection of water samples from these wells is done during the premonsoon period (May) for detailed analysis of chemical quality. Such sampling helps to monitor marked changes in the ground water quality in various hydrogeological situations and prompts to take corrective measures in timely manner.

The present report discusses the regional behaviour of water levels in phreatic aquifers for the year 2018-19 based on the data of May 2018, August 2018, November 2018, and January 2019 monitoring Schedules, which will enable the user agencies to plan development strategies. The present report incorporates the overall behaviour of the ground water regime including the quality aspects in the Maharashtra State and the UT of DNH based on the detailed analyses of the field data collected from observation wells during the year 2018-19.

2. PHYSIOGRAPHY AND DRAINAGE

2.1 Physiography

Physiographically, the State can be divided into three units: a) The Sahyadri Range (Western Ghats), b) The Western Coastal Tract (Konkan), and c) The Eastern Plateau (Deccan Plateau).

- a) **The Sahyadri Range:** The Western Ghats of Maharashtra known as the ‘**Sahyadri**’ mountain ranges have an average elevation of 1000-1300 m above the mean sea level (amsl). The Western Ghats are a mountainous tract with a western escarpment face and the eastern denudational slopes; length of the western ghat is 1600 km. The Sahyadri hills run parallel to the seacoast, with many offshoots branching eastwards from the main ranges (Satmala, Ajanta, Harishchandra, Balaghat, and Mahadeo). The special features are the hills of Trimbakeshwar, Matheran, and the Mahabaleshwar plateau. Its highest peak is **Kalsubai** at an altitude of 1650 m. Most of the rivers in Maharashtra originate in the Sahyadri hill ranges and then divide to join the eastward and westward flowing rivers. These ranges are also characterised by a number of ghats, the important ones being Thal, Bor, Kumbharli, Amba, Phonda, and Amboli.
- b) **The Konkan Coastal Strip:** The narrow strip of coastal land between the Sahyadri and the Arabian Sea is called the Konkan coastal strip. The Konkan coastal tract runs almost 500 km north to south with width varying between 30 to 100 km; it is wider in the north and narrows down in the south with the elevation ranging up to 350 m above msl.
- c) **Maharashtra Plateau:** The Deccan Plateau occupies the rest of the State. The plateau can be subdivided into a number of well-marked elevations/ridges and broader lower elevation valleys. The eastern part covering Gondia, Bhandara, Gadchiroli, Chandrapur, Nagpur and Wardha districts are occupied by the narrow alluvial plains of Wainganga, Penganga and Wardha rivers and has maximum altitude above msl up to 300 m. The interfluvies have typically steeper (escarpment) northern faces and gentler southern slopes and land form like those in main Sahyadri ranges, on a smaller scale. Only a small part of Satpura range fringe the northern boundary of the state. The Tapi and the Purna valleys with thick accumulation of alluvial deposits are flat terrains with westerly slope like that of the Narmada valley and reflect a structural down warp (sunken block).

The alluvial plain of Tapi Purna river valley, with east- west trend and maximum altitude of 300 m msl, occupies the northern part of the Amravati-Akola districts of Vidarbha and Jalgaon, Dhule, Nandurbar districts of Khandesh. The remaining part of the plateau is occupied by the valleys of Godavari, Bhima, and Krishna rivers. The altitude of these plains ranges from 300 to 600 m above msl.

In general, the altitude of the plateau increases from east to west. The hill ranges traversing the plateau, are the Satmala- Ajanta range, the Harishchandra-Balaghat range and the Mahadev range. These ranges are connected with the Western Ghat on the west. Their altitude ranges between 600 and 900 m from msl.

2.2 Drainage

The state is divided into 6 major basins namely Godavari, Krishna, Tapi, Narmada, Mahanadi and Coastal as shown in **Plate II**. The Godavari river basin, occupying 1, 51,094 sq km, can be subdivided into the Wainganga, Penganga, Wardha, and the Godavari River sub-basins. The Krishna basin, occupying 69,420 sq km, can further be subdivided into Krishna, Bhima, and Sina Man River basins. The Tapi basin, occupying 51,940 sq km, can further be subdivided into the lower, middle and upper sub basin. Mahanadi basin occupies 324 sq km, Narmada basin occupies 1,665 sq km area in

Maharashtra state and the coastal basin occupies 33, 060 sq km area including the 491 sq km area of DNH.

About 75% area of Maharashtra is drained by the eastward flowing rivers, viz., the Godavari and the Krishna, to the Bay of Bengal, and the remaining 25% area is drained by westward flowing rivers, viz., the Tapi and the Konkan coastal rivers, to the Arabian Sea. The 45% of state's water resources are from West Flowing Rivers which are mainly monsoon specific rivers emanating from the Ghats and draining into the Arabian Sea.

3. HYDROGEOLOGY

Geologically, the most important rock types of Maharashtra State are basaltic lava flows (Deccan Traps), which occur over an area of about 2,49,934 sq km (81.2 % of the geographical area of State). It is found in all the districts of the State except Bhandara and Gadchiroli. Other major geological formations are Archean's occurring over 32,235 sq km (10.5 %), Precambrian (Purana) formations occurring over 6,217 sq km (2 %), Gondwanas over 4,800 sq km (1.6 %), and Alluvium over 14,526 sq km (4.7 %). The various formations are grouped under three major hydrogeological groups such as unconsolidated, semi-consolidated, and consolidated, and nine different types of hydrogeological sub-groups based on geological age and hydrogeological characters as given in **Table 1**. Hydrogeological map is presented in **Plate- III**.

Table 1: Hydrogeological units in Maharashtra and their Ground Water Potential

GEOLOGICAL AGE	STRATIGRAPHIC UNIT	ROCK FORMATION	OCCURRENCE AND HYDROGEOLOGICAL CHARACTERS
UNCONSOLIDATED FORMATIONS			
PLEISTOCENE	BEACH DEPOSITS (COASTAL BEACH SANDS)	Sand, semi-consolidated Sand Rock and Conglomerate.	All coastal districts. Productive if extensive.
RECENT TO SUB-RECENT	RIVER ALLUVIUM (OTHER RIVERS)	Silt, Clay, Sand, Gravel and occasionally Cobble beds.	Thane, Ratnagiri, Sindhudurg, Jalgaon, Dhule, Nasik, Ahmednagar, Satara, Sangli, Kolhapur, Jalna, Parbhani, Beed, Latur, Buldhana, Akola, Amravati, Wardha, Nagpur, Chandrapur and Gadchiroli districts. Very productive if thick (>10 m) and extensive.
TERTIARY TO RECENT	RIVER ALLUVIUM (PURNA -TAPI)	Clay and Silt with lenses of sand, gravel and boulders.	Amravati, Akola, Buldhana, Jalgaon and Dhule districts. Younger alluvium up to 80 m depth contains 2-4 permeable granular zones of 1-10 m thickness. The older alluvium below 80 m is not very productive.
SEMI-CONSOLIDATED FORMATIONS			
TERTIARY	COASTAL SEDIMENTARIES, LATERITE	Sandstone, Lignite bearing Shale and Laterite.	Ratnagiri, Sindhudurg and Kolhapur districts. Yield good discharge to dug-wells.
CRETACEOUS	INFRA-TRAPPEAN BAGH BEDS, LAMETAS	Sandstone, Limestone and Clay.	Dhule, Nagpur, and Amravati districts. Hydrogeologically not very important due to limited occurrence.
UPPER CARBONIFEROUS TO JURASSIC	GONDWANAS	Sandstone, Conglomerates, Grit, Clay, Shale, Coal bed, pebble and Boulder beds.	Gadchiroli, Amravati, Chandrapur, Nagpur and Yavatmal districts. Possess and form moderate to good aquifers. Sandstones are jointed and fractured and possess secondary porosity.

GEOLOGICAL AGE	STRATIGRAPHIC UNIT	ROCK FORMATION	OCCURRENCE AND HYDROGEOLOGICAL CHARACTERS
CONSOLIDATED FORMATIONS			
UPPER CRETACEOUS TO EOCENE	DECCAN TRAPS	Basalt, Dolerite and other acidic derivatives of Basaltic magma.	All districts except Gadchiroli and Bhandara. Basaltic lava flows consist of two types: (a) vesicular/amygdaloidal basalt and (b) Massive basalt. Vesicular basalt possesses primary porosity and permeability if vesicles are interconnected and can be productive but when vesicles are found filled with secondary minerals such as zeolites, quartz, calcite etc. the primary porosity of the rock is reduced to almost nil. The weathered, jointed and fractured parts of the vesicular/amygdaloidal/ massive basalt formation constitute the promising water bearing horizons.
PRECAMBRIAN SEDIMENTARIES	VINDHYANS, CUDDAPAH, KALADGHIS	Sandstone, Limestone, Shale and Conglomerate	Ratnagiri, Chandrapur, Yavatmal, Gadchiroli, Sindhudurg and Wardha districts. Aquifer becomes productive by fractures and solution cavities.
ARCHAEANS	DHARWAR, IRON ORE SERIES, SAUSER SERIES, ARCHAEAN COMPLEX	Quartzite, Banded Hematite Quartzite, Schist, Phyllite, Marble, Gneisses, Gondite, Intrusive Granites and Dolerite	Ratnagiri, Sindhudurg, Bhandara, Gadchiroli, Chandrapur, Nagpur and Nanded districts. Ground water occurrence is controlled by degree of weathering, fracturing and jointing.

3.1 Unconsolidated Group

The unconsolidated formations in the State include (1) River Alluvium (Purna-Tapi fault basin), (2) River alluvium (other than in fault basins), and (3) Beach deposits.

River Alluvium (in Purna-Tapi Fault Basin): The Major alluvial deposits of the State are located in Purna and Tapi fault basins occurring in parts of Amravati, Akola, Buldhana, Jalgaon, and Dhule districts. The Alluvium comprises of beds of clay and silt with lenses of coarse sand, gravel, and boulders. The upper layers of alluvium down to a depth of about 80 m contain 2 to 4 permeable granular zones of 1 to 10 m thickness and form the younger alluvium (Recent to Pleistocene). The deeper levels below 80 m form older alluvium consisting of consolidated clays (Pleistocene to Tertiary in age). The older alluvium has poor ground water potential.

River Alluvium (other than in Fault Basin): The fluvial deposits occur along river courses and are locally significant hydrogeological units wherever these have adequate thickness (10 m) and areal extent. These generally comprise of silt, clays, gravel, and occasionally cobble beds. The coarser granular strata, such as sand, gravel, and pebble beds, when occurring below water table form productive aquifers.

Beach Deposits/Coastal Beach Sands: All along the Konkan coast, a narrow strip of the alluvium, wherever locally extensive, assumes importance as moderate ground water reservoir.

3.2 Semi-Consolidated Group

The semi-consolidated formations in the State include (1) Coastal Sedimentaries and Laterites, (2) Infra-trappeans (Bagh beds, Lametas), and (3) Gondwanas.

Coastal Sedimentaries and Laterites: Along the Konkan coast and below the beaches, deposits with few exposures of semi-consolidated calcareous sandstone occur, which is coarse grained and gritty belonging to Mio-Pliocene age. This forms a distinct local hydrogeological unit, which yields good discharge to dug wells. The Konkan coast is also characterised by a thick profile of laterite, which is highly porous and permeable yielding substantial quantity of ground water.

Infra-trappeans: The Bagh beds occurring in Dhule district close to Narmada basin and Lametas occurring in small patches in Nagpur and Amravati districts are of Upper Cretaceous age and occur below the Deccan Trap. These deposits have minor occurrences and limited thicknesses and yields poor to fairly good discharge, especially in dug wells.

Gondwanas: Approximately 2.2% of the State is occupied by Gondwana formations, especially in the eastern part. The main rock types are fine to coarse-grained, feldspathic, and ferruginous sandstones having good primary porosity at places. They form moderate to good aquifers. These are jointed, fractured, and faulted imparting secondary porosity.

3.3 Consolidated Group

The consolidated formations in the State can be sub-divided into the following three units, viz. (1) Deccan Traps, 2) Pre-Cambrian Sedimentaries that include Vindhyan, Cuddapahs, and Kaladgis, and 3) Crystallines (Dharwar, Iron Ore series, Saucer series, other Archean Complexes)

Deccan Traps: The Deccan Traps consist of basaltic lava flows that are the most important hydrogeological formations occupying about 82 % of the geographical area in the State and occur in all the districts except Bhandara and Gadchiroli. These can be broadly sub-divided into (i) vesicular basalt (ii) massive basalt (iii) amygdular/zeolitic basalt (iv) Jointed and/or fractured and (v) brecciated basalt. The individual lava flows vary greatly in thickness from a few metres to as much as 50 m or even more. The cumulative thickness of these lava flows is maximum in the western part of the State where it is reported to be in the order of 3000 m. These flows have completely thinned out to the east, near Nagpur. The various types of flow with their description and distribution are shown in **Table 2**. The basaltic formations are layered in nature and often create multi-aquifer systems. The yield of dug wells tapping these aquifers ranges from 5 to 725 m³/day.

Table 2: Classification of Deccan Traps

TYPE	DESCRIPTION	DISTRIBUTION
I	Basalt flows capped by bauxite and laterite with springs oozing from the base of laterites.	South of Raigad, Ratnagiri, west of Kolhapur districts.
II	Basalt flows with numerous ash beds, intertrappean beds and north-south dykes, often resulting in the occurrence of springs.	Bombay, Thane and Raigad districts
III	Basalt flows with numerous east-west dykes, ground water regime affected by dykes, often resulting in the occurrence of interflow and dyke springs.	Dhule and Nandurbar districts.
IV	Basalt flows without intertrappean sediments and dyke intrusions but with prominent red bole horizons; high permeability.	South Ahmednagar, Solapur, Osmanabad, districts.
V	Basalt flows with intertrappean sediments but with neither intrusive dykes nor ash beds; low permeability.	Amravati, Wardha, Yavatmal, Chandrapur and Nagpur districts.

Pre-Cambrian Sedimentaries: Pre-Cambrian sediments belonging to Kaladgi series occur as water bearing horizons in parts of Ratnagiri district in Konkan region. Ground water occurs under

unconfined conditions in the weathered mantle and along the joints in sandstone, shale and limestone.

Precambrian sediments belonging to Cuddapahs and Vindhya and its equivalents occur in small areas of Chandrapur, Yavatmal, and Gadchiroli districts of Vidarbha. These formations have negligible primary porosity and ground water occurs in fractures and solution cavities under unconfined and semi-confined conditions.

Crystallines: The Crystalline formations of Archaean and Lower Pre-Cambrian age form dominant water-bearing horizons in Bhandara, Gadchiroli, parts of Nagpur, and Nanded districts and in coastal districts of Ratnagiri and Sindhudurg. Ground water in these formations generally occurs under unconfined conditions and is controlled by the degree of weathering, fracturing, and jointing.

4. HYDROMETEOROLOGY

The climate of the State of Maharashtra is tropical. The Western Ghats run north to south separating the coastal districts of Thane, Mumbai, Raigarh, Ratnagiri, and Sindhudurg from the rest of the State. The average height of the range is about 1000 m above msl, and since its main ridge runs at right angle to the south-west monsoon stream, it forms an important climatic divide.

The State experiences four seasons during a year. March to May is the summer season followed by rainy season from June to September. The post monsoon season is October and November. December to February is the winter season. The State comprises of four meteorological sub-regions namely Konkan, Madhya Maharashtra, Marathwada, and Vidarbha.

4.1 Rainfall Data Analysis

Rainfall is the sole source of natural recharge to the ground water regime and its analysis is an indispensable component of any ground water study. There are large variations in the quantity of rainfall within different parts of the state. Ghat and coastal districts receive an average annual rainfall of 2000 mm but a large part of the state lies in the rain shadow belt of the Ghat with an average rainfall of 600 to 700 mm. The rainfall variations from 500 to 5000 mm have been recorded with an average rainfall of 1000 mm distributed over 60-70 days. The distribution of normal rainfall during the southwest monsoon over the state is presented in **Fig.1** in the form of isohyetal map.

It can be observed from **Fig 1** that the State experiences extremes of rainfall ranging from less than 500 mm in parts of Ahmednagar district to more than 5000 mm in Konkan region over Western Ghats of Maharashtra. The Konkan subregion comprising of coastal districts and Western Ghats receives the heaviest rains, the Ghats receive more than 5000 mm and the plains more than 2500 mm. Rainfall decreases rapidly towards eastern slopes and plateau areas where it is minimum (less than 500 mm) in parts of Ahmednagar district. It again increases towards further east i.e., in the direction of Marathwada and Vidarbha. Beyond Amravati it starts increasing eastwards from 600 to 1000 mm at Bhandara. Gondia and Gadchiroli the easternmost districts of the State receive rainfall in the range of 1500 mm. Thus, the Madhya Maharashtra region is the area of the lower rainfall in the State.

4.2 Rainfall 2018

Region wise and district-wise rainfall statistics of the Maharashtra State is given in **Table 3 & Table 4** respectively. The departure of monsoon rainfall from normal rainfall for the period 1st June 2017 to 30th September 2018 of Maharashtra State as per IMD, RMC, Mumbai, is presented in **Fig- 2**. Monsoon rainfall within $\pm 19\%$ of the normal monsoon rainfall is considered as normal rainfall. Monsoon rainfall above 19% of the normal monsoon rainfall is considered excess rainfall. Monsoon

rainfall between less than -19% and -59% of the normal monsoon rainfall, is considered deficit rainfall and if the monsoon rainfall is even lesser than -59% of the normal monsoon rainfall, it is considered scanty rainfall.

The region wise data analysis indicates that, normal rainfall was received in most of the districts of Konkan, Madhya Maharashtra and Vidarbha regions except Marathwada region where many districts ended with deficient monsoon. The district-wise data analysis indicates that, Aurangabad, Jalna, Beed, Latur and Osmanabad districts of Marathwada region, Buldhana district of Vidarbha, Nandurbar and Ahmednagar districts of Khandesh region and Sangli and Solapur Districts of Western Maharashtra region have received deficient rainfall. Rest of the districts have received Normal rainfall during the monsoon 2018 and none of the districts received Excess rainfall.

The immediate changes do occur in the phreatic aquifer during August when the monsoon is in its advancing phase; however erratic rainfall pattern has varied impact on recharge of ground water regime during the monsoon period. The depth to water level during August 2018 revealed that about 88 % of the monitored wells show water level less than 10 m while 10 % of wells show depth to water level in the range of 10-20 m. 2 % of wells show depth to water level more than 20 mbgl. 57 % of wells recorded a rise in water level and 43% a fall in water level during August 2018 in comparison to decadal mean of August (2008-2017).

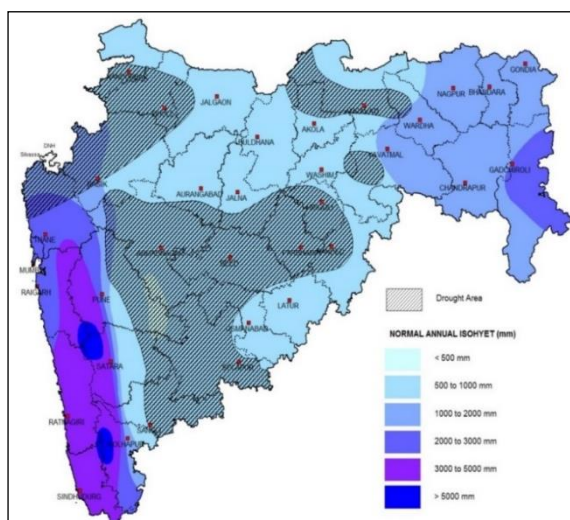


Fig. 1: Normal Isohyetal map of Maharashtra State

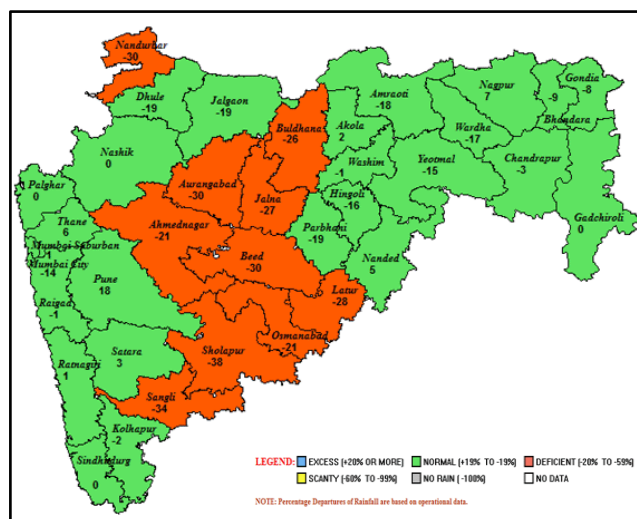
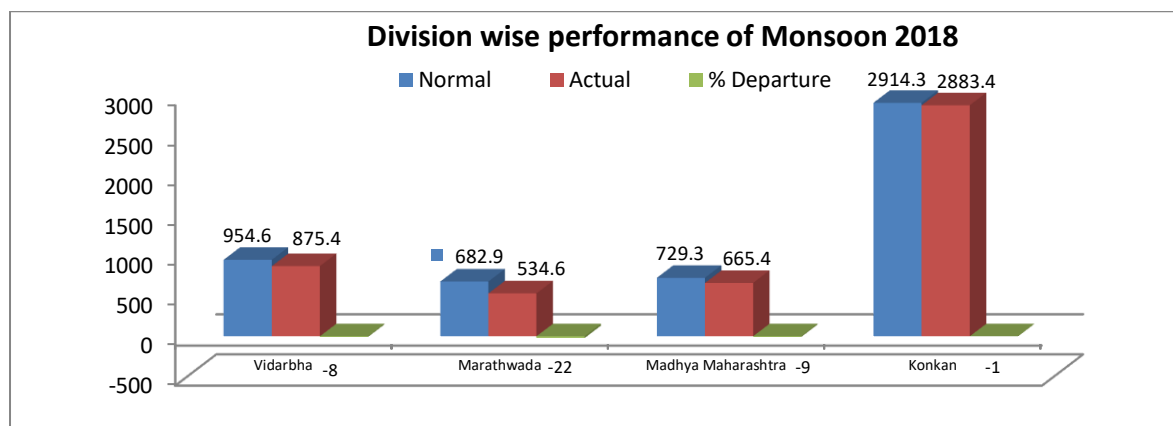


Fig. 2. Status of rainfall percentage departure from the Long term averages for the period 1/6/2018 to 26/9/2018 (after IMD, Mumbai)

Table 3: Region wise percentage departure of rainfall wrt normal rainfall (up to 30/9/18)**(After IMD)**

Sl. No.	Region	Normal rainfall (mm)	Actual rainfall (mm)	% Departure of RF wrt Normal	Category
1	Vidarbha	954.6	875.4	-8	Normal
2	Marathwada	682.9	534.6	-22	Deficient
3	Madhya Maharashtra	729.3	665.4	-9	Normal
4	Konkan	2914.3	2883.4	-1	Normal

**Fig: 3. Division wise performance of Monsoon 2018****Table 4: District wise percentage departure of rainfall wrt normal rainfall (up to 26/9/2018)****(After IMD)**

Sl. No.	District	% Departure of RF wrt Normal	Category
1	Ahmednagar	-21	Deficient
2	Akola	2	Normal
3	Amravati	-18	Normal
4	Aurangabad	-30	Deficient
5	Beed	-30	Deficient
6	Bhandara	-9	Normal
7	Buldhana	-26	Deficient
8	Chandrapur	-3	Normal
9	Dhule	-19	Normal
10	Gadchiroli	0	Normal
11	Gondia	-8	Normal
12	Hingoli	-16	Normal
13	Jalgaon	-19	Normal
14	Jalna	-27	Deficient
15	Kolhapur	-2	Normal
16	Latur	-28	Deficient
17	Mumbai	1	Normal
18	Mumbai Suburban	-14	Normal
19	Nagpur	7	Normal
20	Nanded	5	Normal
21	Nandurbar	-30	Deficient
22	Nashik	0	Normal
23	Osmanabad	-21	Deficient
24	Parbhani	-19	Normal
25	Pune	18	Normal
26	Raigad	-1	Normal
27	Ratnagiri	1	Normal
28	Sangli	-34	Deficient
29	Satara	3	Normal
30	Solapur	-38	Deficient

Sl. No.	District	% Departure of RF wrt Normal	Category
31	Sindhudurg	0	Normal
32	Thane	6	Normal
33	Palghar	0	Normal
34	Wardha	-17	Normal
35	Washim	-1	Normal
36	Yavatmal	-15	Normal
37	DNH		-

5. GROUND WATER REGIME MONITORING

Central Region office of CGWB, based at Nagpur, had established about 1909 'Ground Water Monitoring Wells' in the Maharashtra State and the UT of DNH. Out of which, 163 wells were either abandoned or not being monitored due to various unavoidable reasons. Thus, about 1746 wells are being monitored with a density of about one active well per 176 sq km. The district wise status of these stations monitored is given in **Table-5**. The locations of these stations are shown in **Plate-IV**.

Table 5: District-wise distribution of Ground Water Monitoring Wells (GWMW) in Maharashtra and Dadra & Nagar Haveli during the year 2018-19

Sl. No.	District	Active		Dry		Wells Not Monitored#		Total wells (Jan. 2019)		Total wells
		DW	Pz	DW	Pz	DW	Pz	DW	Pz	
1	AHMEDNAGAR	52	9	8	2	3	3	63	14	77
2	AKOLA	20	3	8	0	0	6	28	9	37
3	AMRAVATI	85	7	0	0	3	9	88	16	104
4	AURANGABAD	33	1	3	1	3	0	39	2	41
5	BEED	34	1	12	0	7	1	53	2	55
6	BHANDARA	34	4	3	0	0	0	37	4	41
7	BULDHANA	48	8	6	0	1	5	55	13	68
8	CHANDRAPUR	59	9	2	0	3	1	64	10	74
9	DHULE	33	0	3	0	3	2	39	2	41
10	GADCHIROLI	36	2	0	0	27	1	63	3	66
11	GONDIA	24	4	1	0	7	1	32	5	37
12	HINGOLI	28	0	3	0	0	0	31	0	31
13	JALGAON	44	2	2	0	9	1	55	3	58
14	JALNA	37	4	0	1	5	1	42	6	48
15	KOLHAPUR	39	0	0	0	2	0	41	0	41
16	LATUR	36	2	1	3	2	1	39	6	45
17	MUMBAI	23	0	0	0	0	0	23	0	23
18	NAGPUR	81	13	0	0	0	3	81	16	97
19	NANDED	54	1	3	0	2	1	59	2	61
20	NANDURBAR	23	0	4	0	0	1	27	1	28
21	NASHIK	74	4	2	0	4	4	80	8	88
22	OSMANABAD	32	2	7	0	0	0	39	2	41
27	PARBHANI	35	1	3	1	1	1	39	3	42
24	PUNE	44	2	1	0	0	1	45	3	48
25	RAIGAD	33	0	0	0	5	1	38	1	39
26	RATNAGIRI	63	1	2	0	5	1	70	2	72
27	SANGLI	40	0	1	0	1	0	42	0	42
28	SATARA	54	2	0	0	3	1	57	3	60
29	SOLAPUR	55	3	4	1	2	0	61	4	65
30	SINDHUDURG	52	1	0	0	2	0	54	1	55
31	THANE	54	1	0	0	8	1	62	2	64
48	WARDHA	48	10	2	0	1	1	51	11	62
33	WASHIM	34	5	4	1	1	1	39	7	46
34	YAVATMAL	69	22	2	0	1	0	72	22	94
	MAHARASHTRA	1510	124	87	10	111	49	1708	183	1891
35	D & NH	15	0	0	0	3	0	18	0	18
	TOTAL	1525	124	87	10	114	49	1726	183	1909

Wells not Monitored# due to various reasons like well not approachable, lock jam, outside water added, well filled up, well fitted with pump, disturbed law & order conditions etc.

5.1 Strengthening of Ground Water Regime Monitoring

Persistent efforts are being made every year to strengthen the network to obtain accurate field data. Therefore, during the period from May 2018 to January 2019, 50 monitoring wells were established in Maharashtra State and UT of DNH, and 18 wells were abandoned during the span of time due to various reasons. As on March 2019, total number of active wells for monitoring are 1916 out of which 179 are piezometers. The district wise number of abandoned wells and addition of new monitoring wells for the year 2018 - 2019 are presented in **Table-6**.

Table 6: District-wise Established Ground Water Monitoring Wells (GWMW) and Abandoned Wells in Maharashtra and Dadra & Nagar Haveli during the year 2018-19

Sl.No.	District	Abandoned wells#		New wells		No. of monitoring Station			No. of monitoring Station		
		(2018-19)		(2018-19)		(As on Jan 2019)			(As on 31 March 2019)		
		DW	Pz	DW	Pz	DW	Pz	Total	DW	Pz	Total
1	AHMEDNAGAR	2	4	8	-	63	14	77	63	13	76
2	AKOLA		-		-	28	9	37	28	9	37
3	AMRAVATI			2	-	88	16	104	88	16	104
4	AURANGABAD			2	-	39	2	41	39	2	41
5	BEED			7	-	53	2	55	53	2	55
6	BHANDARA			2	-	37	4	41	37	4	41
7	BULDHANA			-	-	55	13	68	55	13	68
8	CHANDRAPUR				-	64	10	74	64	10	74
9	DHULE			-	-	39	2	41	39	2	41
10	GADCHIROLI			-	-	63	3	66	63	3	66
11	GONDIA			-	-	32	5	37	32	5	37
12	HINGOLI				-	31	0	31	31		31
13	JALGAON			1	-	55	3	58	55	3	58
14	JALNA			-	-	42	6	48	42	6	48
15	KOLHAPUR			2	-	41	0	41	41		41
16	LATUR			1	-	39	6	45	39	6	45
17	MUMBAI			-	-	23	0	23	23	0	23
18	NAGPUR	1	5	6	-	81	16	97	81	13	94
19	NANDED				-	59	2	61	59	2	61
20	NANDURBAR			-	-	27	1	28	27	1	28
21	NASHIK			-	-	80	8	88	80	8	88
22	OSMANABAD			-	-	39	2	41	39	2	41
23	PARBHANI				-	39	3	42	39	3	42
24	PUNE			-	-	45	3	48	45	3	48
25	RAIGAD			1	-	38	1	39	39	1	40
26	RATNAGIRI	2	1	4	-	70	2	72	70	2	72
27	SANGLI	1		1	-	42	0	42	42		42
28	SATARA			-	-	57	3	60	57	3	60
29	SOLAPUR			1	-	61	4	65	61	4	65
30	SINDHUDURG	1		-	-	54	1	55	53	1	54
31	THANE			-	-	62	2	64	62	2	64
32	WARDHA	1		6	-	51	11	62	56	11	67
33	WASHIM			4	-	39	7	46	43	7	50
34	YAVATMAL			2	-	72	22	94	74	22	96
	MAHARASHTRA	8	10	50	-	1708	183	1891	1719	179	1898
36	D & NH			-	-	18	0	18	18	0	18
	TOTAL	8	10	50	-	1726	183	1909	1737	179	1916

Wells abandoned due to various reasons i.e., filled up with garbage, filled due to road/ highway construction etc.

5.2 Basin-Wise Distribution of Ground Water Monitoring Wells

The number of network stations distributed in major basins is 997 in Godavari, 317 in Krishna, 316 in Tapi, 277 in Coastal, 7 in Narmada and 2 in Mahanadi basins. The basin wise distribution of GWM wells is given in **Table-7**.

Table 7: Basin wise distribution of Ground Water Monitoring Wells in Maharashtra and Dadra & Nagar Haveli during the year 2018-19

District	Coastal	Godavari	Krishna	Mahanadi	Narmada	Tapi	Grand Total
Ahmednagar		44	32				76
Akola						37	37
Amravati		46				58	104
Aurangabad		37				4	41
Beed		46	9				55
Bhandara		41					41
Buldhana		24				44	68
Chandrapur		74					74
Dhule						41	41
Gadchiroli		64		2			66
Gondia		37					37
Hingoli		31					31
Jalgaon						58	58
Jalna		47				1	48
Kolhapur			41				41
Latur		45					45
Mumbai	23						23
Nagpur		94					94
Nanded		61					61
Nandurbar					7	21	28
Nasik	7	47				34	88
Osmanabad		21	20				41
Parbhani		42					42
Pune		1	47				48
Raigad	40						40
Ratnagiri	72						72
Sangli			42				42
Satara			60				60
Sindhudurg	53		1				53
Solapur			65				65
Thane	64						64
Wardha		67					67
Wasim		32				18	50
Yavatmal		96					96
DNH	18						18
Grand Total	277	997	317	2	7	316	1916

5.3 Participatory Ground Water Monitoring

Under Participatory Ground Water Monitoring Programme, weekly water level measurements are initiated involving local people as observers to record the DTW on every Sunday of the month. The participatory monitoring program has been taken up to strengthen the data base to monitor the periodic and short-term changes in ground water regime and besides this; the involvement of people shall improve the management and upkeep of ground water resources. Initially 291 point observers were engaged, which reduced to 245 in 2018-19. These 245 wells have been covered under participatory monitoring where weekly water levels are monitored and sent on monthly basis to this office by postcards. The district-wise status of point observers is given in **Table 8**.

Table 8: District wise Status of Participatory Ground Water Monitoring Point Observers in Maharashtra and Dadra & Nagar Haveli during the year 2018-19

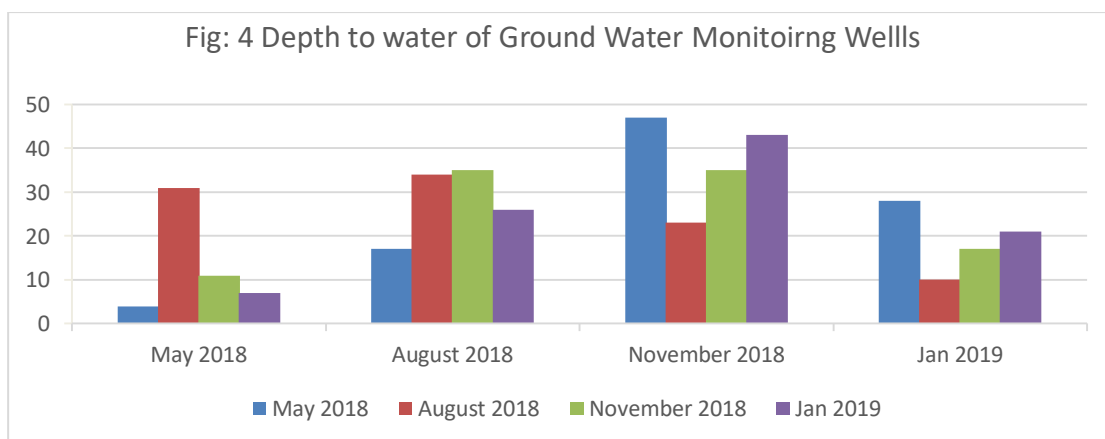
S. No.	District	Number of Point observer	S. No.	District	Number of Point observer
1	Ahmednagar	8	19	Nanded	6
2	Akola	7	20	Nandurbar	3
3	Amravati	39	21	Nashik	9
4	Aurangabad	2	22	Osmanabad	5

S. No.	District	Number of Point observer	S. No.	District	Number of Point observer
5	Beed	4	23	Parbhani	2
6	Bhandara	6	24	Pune	6
7	Buldhana	10	25	Raigad	7
8	Chandrapur	10	26	Ratnagiri	8
9	Dhule	8	27	Sangli	4
10	Gadchiroli	10	28	Satara	9
11	Gondia	1	29	Sindhudurg	9
12	Hingoli	1	30	Solapur	7
13	Jalgaon	8	31	Thane	11
14	JALNA	1	32	Wardha	5
15	Kolhapur	6	33	Washim	9
16	Latur	5	34	Yavatmal	6
17	Nagpur	7	35	DNH	6
18	Mumbai	0		Total	245

6. GROUND WATER SCENARIO

6.1 Depth to Water Level

During the year (2018-19), the existing monitoring wells were monitored four times, i.e., during May 2018, August 2018, November 2018, and January 2019 and the data is presented in **Annexure-I**. With the field data, the maps were prepared for visual interpretation of the behaviour of ground water levels. Depth to Water levels were classified into various ranges of less than 2, 2-5, 5-10, 10-20, and more than 20 mbgl. The frequency distribution of the number of hydrograph network stations showing various ranges of the depth to water level have been shown in **Fig 4**.



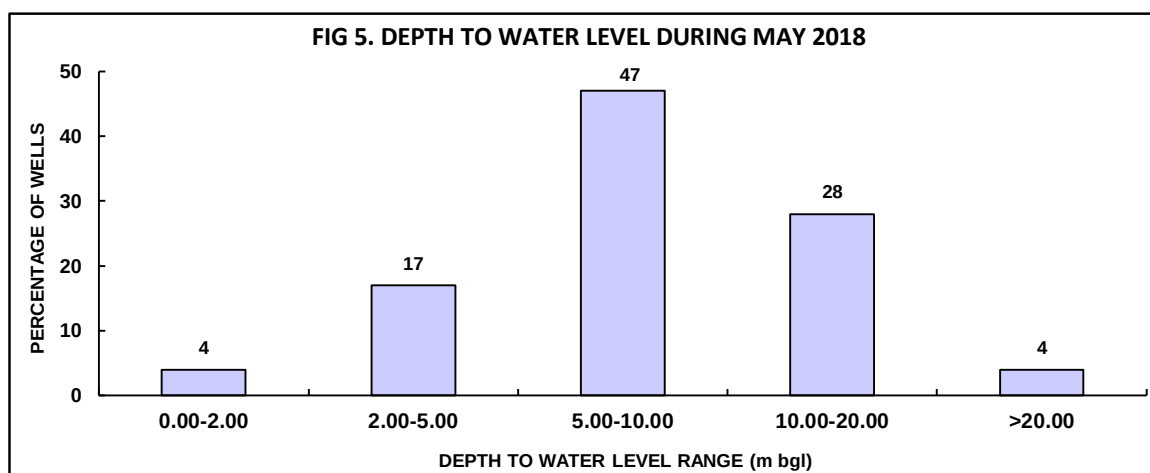
- May 2018, about 68% of wells distributed all over the Maharashtra have recorded depth to water level within 10 mbgl. About 17 % of the wells have recorded depth to water level in the range of 2-5 mbgl. About 47 % of wells have recorded depth to water level 5 to 10 mbgl distributed uniformly all over the state. Deeper ground water levels ranging from 10-20 mbgl was recorded in 28 % of the wells. Depth to water level of more than 20 mbgl are noticed in 4% of the wells occupied by Tapi and Purna alluvium basin covering parts of Jalgaon, Buldhana, Akola and Amravati districts.
- August 2018, about 88 % of wells show depth to water level within 10 mbgl. About 34 % of the wells have recorded depth to water level in the range of 2-5 mbgl and 23 % of the wells have recorded depth to water level between 5 to 10 mbgl. Deeper ground water levels ranging from 10-20 mbgl were recorded in 10 % of the wells. Depth to water level of more than 20 mbgl was noticed in only 2 % of the wells in parts of Jalgaon, Akola and Amravati districts.

- November 2018, about 81 % wells show depth to water level within 10 mbgl. About 35 % of the wells recorded depth to water level in the range of 2-5 mbgl and 35 % of the wells have recorded depth to water level between 5 to 10 mbgl. Deeper water levels ranging from 10-20 mbgl are recorded in 17% of wells. Depth to water level of more than 20 mbgl is noticed in only 2 % of the wells in parts of Jalgaon, Akola, Buldhana and Amravati districts.
- January 2019, about 76 % of wells distributed all over the Maharashtra have recorded depth to water level within 10 mbgl. About 26 % of the wells have recorded depth to water level between 2 to 5 mbgl and about 43 % of wells have recorded depth to water level 5-10 mbgl class. Deeper water levels ranging from 10-20 mbgl is recorded in 21 % of the wells. Depth to water levels of more than 20 mbgl is noticed in only 3 % of the wells in parts of Jalgaon, Akola, Buldhana and Amravati districts.

It has been observed that, there is a progressive rise in DTW from May-2018 to Aug-2018 due to monsoon rainfall, while decline in DTW has been observed from Nov-2018 to January-2019, as ground water naturally flows out as base flow or is utilised for Rabi agriculture. For all the periods, deeper DTW has been observed in Akola, Amravati, Buldhana, Jalgaon, Dhule and Nandurbar districts, covering Tapi-Purna alluvium. The shallow DTW was observed in Konkan area because maximum rainfall is received in the Coastal districts.

6.1.1 Depth to Water Level in May 2018

Annexure II represents the district wise depth to water level ranges in the Maharashtra State and the Union Territory of Dadra and Nagar Haveli. The depth to water level for May 2018 is shown in **Plate V**. The frequency distribution of the number of hydrograph network stations showing various ranges of the depth to water level is shown in **Fig 5**.



During May 2018, depth to water level in shallow unconfined aquifer ranges from near ground level (0.01 mbgl) to 55.10 m bgl. Depth to water level near ground level is observed in Baramati (0.01 mbgl) in Pune District, Shelwadi (0.10 mbgl) and Nesari (0.10 mbgl) in Kolhapur District and Andur (0.20 mbgl) in Osmanabad District while the deepest DTWL was observed at Faizpur (55.10 mbgl) in Jalgaon district. Depth to water level ranges from 3.02 (Kherdi Kathepada) to 15.91 m bgl (Moolpada) in the Union Territory of Dadra and Nagar Haveli.

Depth to water level in deeper semi-confined and confined aquifer (Bore well/ tube well/ piezometer) was observed at shallow depths at Ajaypur (5.00 mbgl) in Chandrapur district and Sonai (5.10 mbgl) in Ahmednagar district while the deepest DTWL was observed at Aurad Shahajani (55.30 m bgl) in Latur district.

Depth to water levels less than 2 m bgl are observed in 4 % of wells covering about 4353 sq km area in major part of Kolhapur District and in isolated patches in Satara, Sangli, Raigad, Pune, Osmanabad, Solapur and Nasik Districts.

About 17 % of wells covering about 35,333 sq km area show water level between 2 and 5 m bgl. Water levels in this range are observed in major parts of Raigad and Kolhapur districts and in some parts of Pune, Thane, Sangli and Satara districts. Apart from this, isolated patches are observed in almost all the districts except Akola and Aurangabad districts.

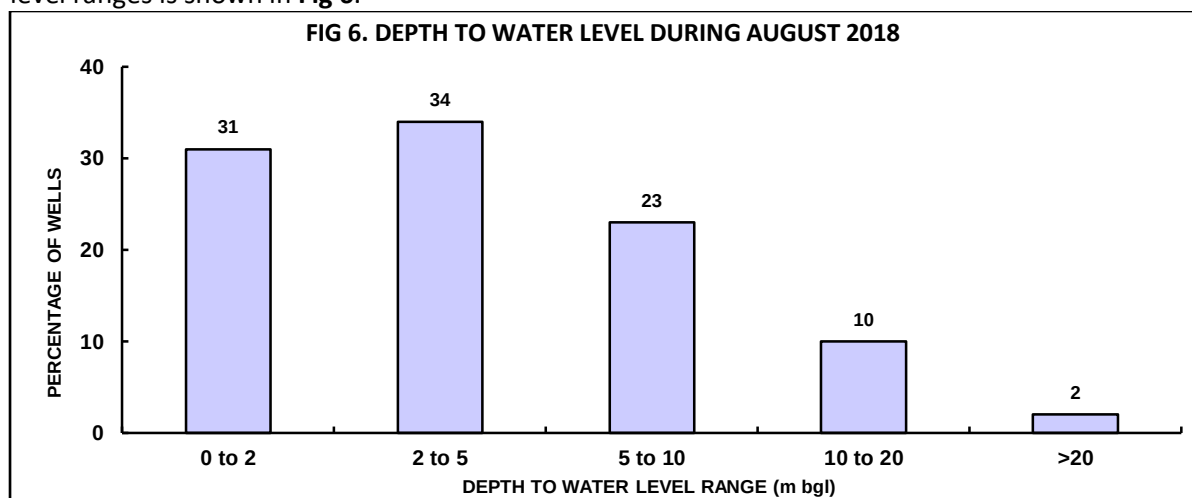
About 47 % of wells, covering an area of 1,74,286 sq km show depth to water level between 5 to 10 m bgl. Depth to water levels in this range is observed in major parts of the State. Deeper ground water levels ranging from 10 to 20 m bgl are observed in about 28 % of wells covering about 87,712 sq km area of the State and are observed in northern part of State covering Tapi and Purna River basins in parts of Nandurbar, Dhule, Jalgaon, Buldhana, Akola and Amravati districts and in almost all districts of Marathwada region. Parts of Nashik, Ahmednagar, Ratnagiri, Sindhudurg, Chandrapur, Gadchiroli, Bhandara, Yavatmal and Solapur districts also show DTWL ranging from 10 to 20 m bgl. Apart from this, isolated small patches are also observed in almost all the districts except Raigad and Mumbai districts.

Depth to water levels of more than 20 mbgl (4% wells), covering about 5502 sq km area is observed in northern part of the state occupied by Tapi and Purna alluvium basin in parts of Jalgaon, Buldhana, Nandurbar, Akola and Amravati districts. Isolated patches are observed in Nasik, Beed, Parbhani, Latur, Nanded, Yavatmal, Washim and Nagpur districts. The deeper water levels are characteristic of these basins due to its high ground water potential and over exploitation of the ground water resources.

In the UT of Dadra and Nagar Haveli, 29 % (5 nos.) wells show depth to water level between 2 to 5 mbgl; 47 % (8 nos.) wells show depth to water level between 5 to 10 mbgl and 24 % (4 nos.) wells show depth to water level more than 10 mbgl.

6.1.2 Depth to Water Level in August 2018

The water level during August indicates the immediate impact of rainfall on ground water storage. The water level rises in response to rainfall. The depth to water level ranges for all districts of Maharashtra and the UT of DNH is as given in **Annexure III**. The depth to water level map of August 2018 is as shown in **Plate-VI** for the Maharashtra State and the UT of DNH. The frequency distribution of the number of hydrograph network stations with reference to the depth to water level ranges is shown in **Fig 6**.



Depth to water level in unconfined/shallow aquifer ranges from near ground level in Wehle (0.01 mbgl) and Mulshi (0.01 mbgl) of Pune district; Narayanpur (0.01 mbgl) and Chinchwad (0.01 mbgl) of Raigad district; Uttan (0.01 mbgl) and Vasai phata (0.01 mbgl) of Thane district; Vakad (0.01 mbgl) and Agave (0.01 mbgl) of Ratnagiri district; Aadeli (0.01 mbgl) and Vados (0.01 mbgl) of Sindudurg district to more than 40 mbgl in Faizpur (41.60 mbgl) of Jalgaon district in the state of Maharashtra. In the UT of Dadra and Nagar Haveli, depth to water level ranges from 0.50 mbgl to 9.50 mbgl.

Depth to water level in semi-confined/confined aquifer (Bore well/ Tube well/ Piezometer) where shallow depths to water level were observed at Ambrad (Parabwadi) Pz (0.70 mbgl) of Sindudurg district, Yelgaon Pz (1.10 mbgl) of Satara district and Kupta Pz (1.18 mbgl) of Washim district. Deeper depths to water level were observed at Aurad Shahjani Pz (34.40 mbgl) of Latur district and Shetphal (31.60 mbgl) of Solapur district.

Depth to Water level less than 2 mbgl is observed in 31 % of wells covering about 58,471 sq km area. Water level in this range is observed in major parts of Mumbai, Thane and Raigad districts of Konkan region; Pune and Kolhapur districts of Western Maharashtra region; Gondia, Nagpur, Bhandara, Chandrapur, Gadchiroli and Yavatmal districts of Vidarbha region. Isolated patches are also observed in Amravati, Wardha, Satara, Sangli, Solapur, Ahmednagar, Nanded, Hingoli, Latur and Nashik, districts.

About 34 % of wells covering 1,20,197 sq km area show depths to water level between 2 and 5 mbgl. Water level in this range is observed prominently in major parts of all the districts of Vidarbha region; Ratnagiri and Sindhudurg districts of Konkan region; Pune, Sangli, Satara and Kolhapur districts of Western Maharashtra region; Nashik, Jalgaon and Nandurbar districts of Khandesh region and all the districts of Marathwada region. Isolated patches are observed in almost all districts of Maharashtra state except Raigad district.

23% of wells covering about 96,410 sq km area show depths to water level in the range 5 to 10 mbgl. Depth to Water level in this range is prominently observed in Aurangabad, Jalna, Beed Osmanabad, Latur and Parbhani districts of Marathwada region; Ahmednagar, Satara, Sangli, Kolhapur and Solapur districts of Western Maharashtra region; Jalgaon and Dhule districts of Khandesh region; Akola, Washim, Buldhana, Amravati, Nagpur and Yavatmal districts of Vidarbha region. Isolated patches are observed in all the districts of Maharashtra state except Gadchiroli, Raigad, Thane and Mumbai districts.

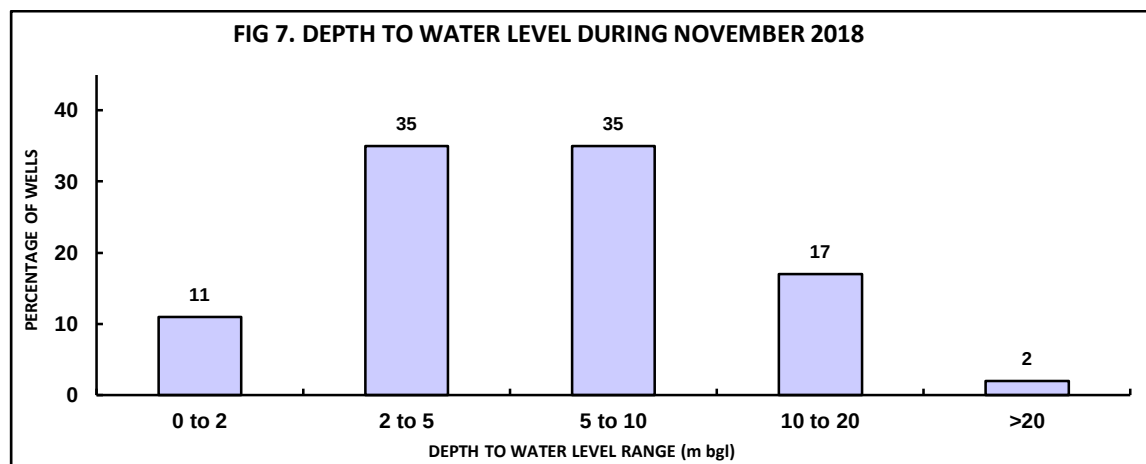
Deeper ground water levels ranging from 10 to 20 mbgl are observed mostly in northern part of Maharashtra in the Tapi and Purna River basins in Nandurbar, Dhule, Jalgaon, Buldhana, Akola and Amravati districts and small isolated patches are also observed in all districts of Maharashtra state except Gadchiroli, Hingoli, Kolhapur, Mumbai, Raigad and Thane districts. About 10 % of wells fall in this category covering 28,984 sq km area.

Ground water levels of more than 20 mbgl cover about 3155 sq km area and are generally noticed in 2% of wells in parts of Jalgaon, Akola, Amravati, Buldhana, Nandurbar, Dhule, Nashik, Gondia, Ahmednagar and Beed districts.

In UT of Dadra and Nagar Haveli, 53 % of the wells show depth to water level less than 2 mbgl (9 wells), 29 % of wells (5 wells) show depth to water level between 2 and 5 mbgl; 18 % wells (3 wells) show depth to water level between 5 and 10 mbgl. No wells show depth to water level more than 10 mbgl in the UT of Dadra and Nagar Haveli.

6.1.3 Depth to Water Level in November 2018

The water level starts receding gradually after August with lateral flow of ground water being predominant due to change in hydraulic conditions with recession of monsoon and ground water storage. The water level stabilizes by November and thereafter natural out flow reduces considerably. **Annexure IV** gives the depth to water level ranges in all the districts of Maharashtra and the Union Territory of Dadra and Nagar Haveli. The depth to water level map of November 2018 is shown in **Plate VII**. During November 2018, the frequency distribution of the number of Ground Water Monitoring Wells with reference to the depth to water level range is shown in **Fig 7**.



During November 2018 depth to water level in shallow unconfined aquifer was observed ranging from 0.01 (near ground level) to 50.80 mbgl (deepest water level). The water level near ground level is observed in isolated locations at Mulshi (0.01 mbgl) and Kamshet (0.01 mbgl) in Pune district while the deepest DTWL was observed at Faizpur (50.82 mbgl), Jalgaon district.

Depth to water levels in semi-confined/confined aquifer (Bore well/ tube well/ piezometer) were observed at shallow depths at Yelgaon Pz (0.40 mbgl), Satara district; Kauthe Pz (2.80 mbgl), Pune district and the deepest DTWL were observed at Nagalgaon Pz (32.00 mbgl), Latur district and Narwadi Pz (52 mbgl), Parbhani district.

Water levels less than 2 mbgl are observed in 11 % of wells covering about 13,077 sq km area. Water levels in this range are observed in major parts of Raigad & Pune; parts of Thane and Kolhapur districts. Isolated patches are also observed in Satara, Sangli, Ratnagiri, Sindhudurg, Nanded, Amravati, Nagpur, Bhandara, Wardha, Chandrapur and Gadchiroli districts of Maharashtra.

Water levels between 2 and 5 mbgl covering an area of about 94,361 sq km are observed in 35% of wells spread over the major parts of all the districts of Konkan region and Nagpur, Bhandara, Gondia, Chandrapur and Gadchiroli districts of Vidarbha region and parts of Nashik and Jalgaon districts of Khandesh region; Kolhapur, Satara, Sangli and Pune districts of western Maharashtra region. Apart from these isolated patches are also observed in almost all the districts of Maharashtra.

Water levels between 5 and 10 mbgl covering an area of about 1, 47,139 sq km are observed in 35% of wells covering major parts of all the districts of Marathwada region and Amravati, Akola, Washim, Buldhana, Yavatmal, Wardha districts and parts of Chandrapur and Gadchiroli districts of Vidarbha region, and in parts of Ratnagiri, Jalgaon, Ahmednagar, Beed, Aurangabad, Parbhani, Hingoli, Buldhana, Washim, Wardha, Yavatmal, Gadchiroli and Chandrapur districts. Isolated patches are also observed in all the districts of Maharashtra.

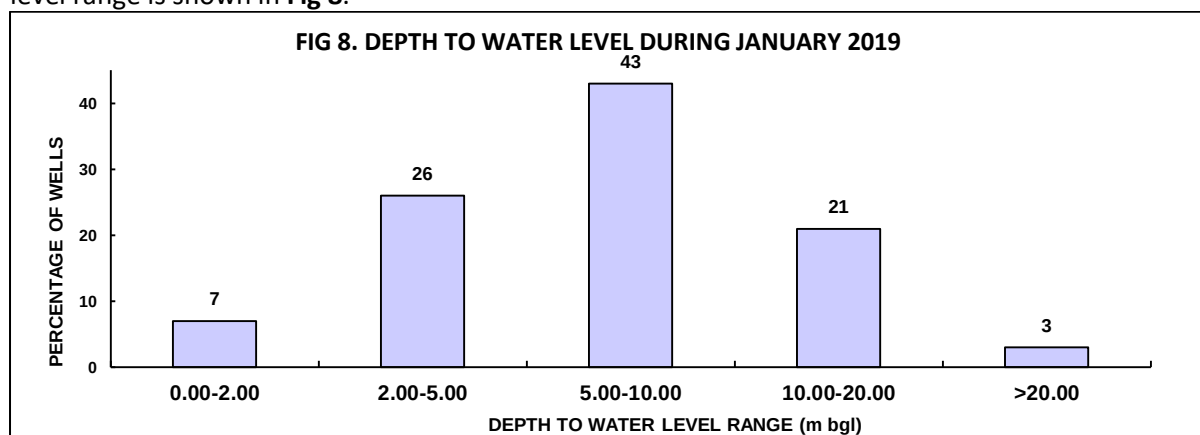
Deeper ground water levels, ranging from 10 to 20 mbgl covering an area of about 49,311 sq km are observed in 17 % of wells mostly covering northern part of Maharashtra in the Tapi and Purna River Alluvial basins in Nandurbar, Dhule, Jalgaon, Buldhana, Akola and Amravati districts and parts of Nashik, Aurangabad, Ahmednagar, Beed, Solapur, Osmanabad and Latur districts and isolated patches are observed in Parbhani, Hingoli, Nanded, Yavatmal, Nagpur, Bhandara and Gondia districts.

Ground water levels more than 20 mbgl covering an area of about 3263 sq km are observed in 2% wells as patches in Amravati, Akola, Buldhana, Jalgaon, Nasik, Nandurbar, Ahmednagar, Osmanabad and Beed districts.

In UT of Dadra and Nagar Haveli, DTWL varies from 1.46 mbgl (Moolpada) to 10.78 mbgl (Surangi). 12% wells (2 Wells) show DTWL between 0 to 2 mbgl; 53% (9 Wells) between 2 to 5 mbgl; 29% between 5 to 10 mbgl and 5.88 % wells (1 well) between 10-20 mbgl.

6.1.4 Depth to Water Level in January 2019

Winter season is the peak season of ground water abstraction for Rabi cultivation. Consequently, bulk of ground water storage gets depleted during this season, which is well reflected in the water level measurement of January 2019. **Annexure V** gives the depth to water level ranges in all the districts of Maharashtra State and the Union Territory of Dadra and Nagar Haveli. The depth to water level map of January 2019 is shown in **Plate VIII**. During January 2019, the frequency distribution of the number of Ground Water Monitoring Wells with reference to the depth to water level range is shown in **Fig 8**.



Depth to water level in unconfined (Dug well) aquifer ranges from near ground level in Mulshi (0.10 mbgl) of Pune district and Chuye (0.10 mbgl) of Kolhapur district to more than 50 mbgl in Faizapur (55 mbgl) of Jalgaon district. In UT of Dadra & Nagar Haveli, depth to water level ranges from 2.00 to 12.30 mbgl.

Depth to water level in Semi-confined/confined aquifers (Bore Well/Tube Well/ Piezometer) where shallow water levels are observed in Sonai (2.70 mbgl), Ahmednagar district and Yelgaon (3.10 mbgl), Satara district and deeper depth to water levels are observed at Hadgaon (49.99 mbgl), Parbhani district and Dhamnand (33.00 mbgl), Ratnagiri district.

Depth to water level less than 2 mbgl, covering about 6923 sq. km area are observed in 7 % of wells in parts of Raigad and Pune districts and isolated parts of Thane, Ratnagiri, Sindhudurg, Kolhapur, Nashik, Amravati, Nagpur, Bhandara and Gondia districts.

Depth to water level between 2 and 5 mbgl are observed in 26 % of wells covering an area of about 61,218 sq. km in major parts of Thane, Raigad, Pune, Nashik, Kolhapur, Chandrapur and Gadchiroli districts and are found in sporadic patches in all the districts.

About 43 % of wells show depth to water level between 5 and 10 mbgl covering an area of about 1, 68,908 sq. km in major portions of almost all districts of Maharashtra except Raigad, Thane and Mumbai districts where isolated patches are observed.

Deeper ground water levels, ranging from 10 to 20 mbgl (21 % wells), covering about 65,520 sq km area of the State are observed in northern part of Maharashtra in the Tapi and Purna River basins in parts of Amravati, Akola, Buldhana, Jalgaon, Dhule and Nandurbar districts. Apart from these districts, water level in this range are also observed in parts of almost all the districts of Marathwada region (Aurangabad, Jalna, Parbhani, Hingoli, Nanded, Latur, Beed and Osmanabad districts) and Nashik, Dhule, Nandurbar, Ahmednagar districts of Khandesh region. Apart from these isolated patches are also observed in rest of the districts except Gadchiroli and Raigad districts.

Deeper Ground Water Levels of more than 20 m (3 % wells), covering about 4635 sq km area are observed as isolated patches in Amravati, Akola, Buldhana, Jalgaon and Nandurbar districts falling in the Purna and Tapi River basins having thick alluvium. The deeper water levels are characteristic of these basins due to its high ground water potential and over exploitation of groundwater. Small isolated patches are also observed in Nashik, Parbhani, Beed and Ahmednagar districts of Maharashtra.

In the UT of Dadra and Nagar Haveli, 93% (14 well) of wells show depth to water level less than 10 mbgl and 7 % (one well) wells show depth to water level between 10 to 20 mbgl.

6.2 Water Level Fluctuations

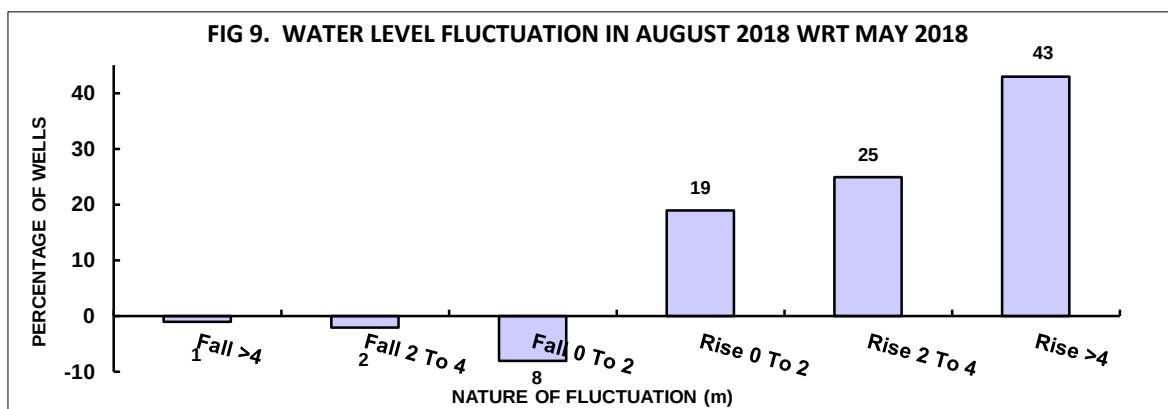
Water level fluctuations were analysed and maps were prepared after every water level measurement, comparing the current water levels with that of previous year of the same season, preceding season, pre-monsoon season and the decadal seasonal mean. These fluctuations were analysed to decipher the ground water situation with respect to time.

6.2.1 Seasonal Water Level Fluctuations

Seasonal Water level fluctuation in August 2018 with respect to May 2018, November 2018 and January 2019; November 2018 with reference to August 2018 and January 2019 were analysed and given in **Annexure I** and presented in maps. These fluctuations were analysed to decipher the ground water situation with respect to the time. Rise and fall in water levels are also observed. The rise in water level due to monsoon rainfall is natural phenomenon in the hydrologic cycle as natural dynamic recharge. However, the fall in water level is local phenomenon.

6.2.1.1 Water Level Fluctuation in August 2018 with reference to May 2018

The **Annexure VI** gives the water level fluctuations between August 2018 and May 2018 in all the districts of Maharashtra and Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their fluctuation is shown in **Fig. 9**. The fluctuation map for the period, August 2018 with reference to May 2018 is presented in **Plate IX**.



Water levels from 1555 stations were compared with that of May 2018 to know the seasonal changes in ground water level in August 2018. On the whole 87 % of the analysed wells have recorded a rise in water level during August 2018 as compared with the water level of May 2018. The remaining 11 % wells have recorded a fall in water level and 2% of wells have shown no change in water level.

The water levels have shown a general rise in about 87 % of the wells covering an area of about 2,81,962 sq km in all the districts of Maharashtra state and UT of Dadra and Nagar Haveli. Only 11 % of the wells in Maharashtra show a marginal decline in water level while 2 % of wells have shown no fluctuation in water level.

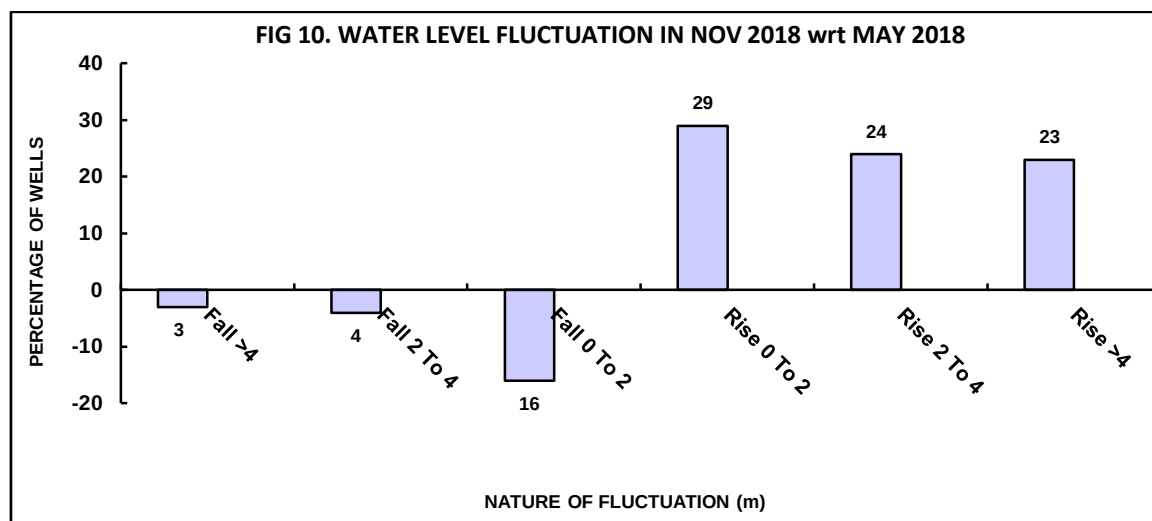
The water level rise up to 2 m is observed in 19 % of wells covering an area of about 63,135 sq km in parts of Ahmednagar, Nashik and Dhule districts of Khandesh region; Aurangabad, Osmanabad and Beed districts of Marathwada region; Akola, Amravati, Buldhana and Wardha districts of Vidarbha region and in parts of all the districts of western Maharashtra region. Isolated patches are also observed in rest of the districts except Gondia district. The rise in depth to water level to more than 2 m is observed in 68 % of wells covering an area of 2,18,827 sq km in all the districts of Maharashtra. This significant rise in water level indicates an optimum saturation of phreatic aquifers due to monsoon rainfall.

The decline in depth to water level up to 2 m is observed in 8% of wells covering 20,301 sq km area and is observed in major parts of Kolhapur, Satara and Sangli districts of Western Maharashtra region. Isolated patches are observed in Ahmednagar, Beed, Aurangabad, Latur, Osmanabad, Jalgaon, Nashik, Dhule, Nandurbar and Buldhana districts. The decline of more than 2 m is observed in 3% of wells covering 4952 sq km area in isolated parts of Ahmednagar, Aurangabad, Beed, Jalna, Latur, Jalgaon, Nashik, Nandurbar, Kolhapur, Sangli, Satara, Solapur and Wardha districts of Maharashtra.

In the UT of Dadra and Nagar Haveli, a general rising trend has been observed. About 12% of wells (2 wells) show rise in water level up to 2 m; 29 % of wells (5 wells) show rise in the range of 2 to 4 m and 47 % of wells show rise of more than 4m while 12% of wells (2 wells) show fall in water levels up to 2 m.

6.2.1.2 Water Level Fluctuation in November 2018 with reference to May 2018

The **Annexure VII** gives the fluctuation in all the districts of Maharashtra and Union Territory of Dadra and Nagar Haveli between November 2018 and May 2018. The fluctuation map for the period, November 2018 with reference to May 2018 is presented in **Plate X**. The frequency distribution of the number of hydrograph network stations with reference to their fluctuations is shown in **Fig.10**.



The water levels have shown a general rise in the order of 0 to more than 4 m in about 76 % of wells in all districts of Maharashtra and Union Territory of Dadra and Nagar Haveli. The rise is due to the monsoon rainfall recharge to the ground water regime. The rise in water level up to 4 m covering an area of 1,85,375 sq km is observed in major parts of Vidarbha, Khandesh and Konkan regions and in parts of Satara, Sangli, Pune, Solapur, Aurangabad, Beed, Latur, Osmanabad and Parbhani districts of Maharashtra.

A significant rise in water level (rise > 4 m) was observed in 23 % of wells covering about 55,963 sq km area. It is observed in major parts of all districts of Vidarbha and Khandesh regions, Parbhani, Hingoli, Nanded, Beed and Aurangabad districts of Marathwada region and in isolated parts of Thane and Raigad districts of Konkan region. Isolated Patches are also observed rest of the districts of Maharashtra except Mumbai and Kolhapur districts.

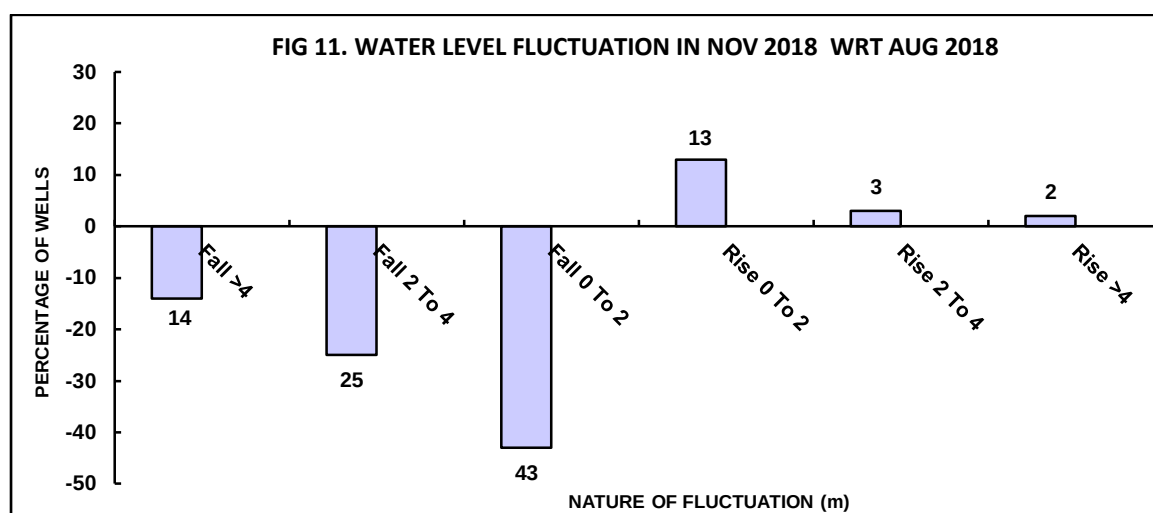
About 23 % of the wells covering about 65880 sq km area in Maharashtra show a decline in water level in the range of 0 to more than 4 m. The declines may be due to less rainfall received in these areas and are observed mostly in parts of Latur, Osmanabad, Beed, Parbhani and Aurangabad districts of Marathwada region; Kolhapur, Satara, Sangli, Solapur and Pune districts of Western Maharashtra region and isolated patches are observed in rest of the districts except Mumbai, Akola, Gondia and Gadchiroli districts of Maharashtra.

In Dadra and Nagar Haveli, 82 % wells (14 wells) shows rise in water level from 0 to more than 4 m and 18 % wells (03 well) show fall in water level up to 4 m.

6.2.1.3 Water Level Fluctuation in November 2018 with reference to August 2018

Annexure VIII gives the fluctuations in all the districts of Maharashtra and Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their fluctuations is shown in **Fig.11**. The fluctuation map for the period November 2018 with reference to August 2018 is presented in **Plate XI**.

Water levels from 1575 stations were compared with that of August 2018 to know the seasonal change in ground water level in November 2018. On the whole 82 % of the analysed wells have recorded a fall in water level during November 2018 as compared with the water level of August 2018. About 18% wells have recorded a rise in water level.



Major parts of Maharashtra (82 % of wells) covering about 2,62,889 sq km area show a decline in water levels in November 2018 when compared with those in the preceding monitoring season (August 2018). The decline in water level was observed in major parts of all the districts of Konkan, Marathwada and Vidarbha regions; Ahmednagar, Nashik and Jalgaon districts of Khandesh region and Kolhapur and Solapur districts of Western Maharashtra region. Apart from this, decline in water level is also observed in parts of Satara, Sangli, Dhule and Nandurbar districts.

About 14% of wells covering about 28,088 sq km area show decline (>4 m) in water level observed in all the districts of Marathwada region; major parts of Ratnagiri and Sindhudurg districts of Konkan region; Yavatmal, Chandrapur and Nagpur District. Isolated patches are also observed in rest of the districts except Mumbai, Raigad and Gadchiroli districts. This decline may be due to less rainfall received during monsoon 2018.

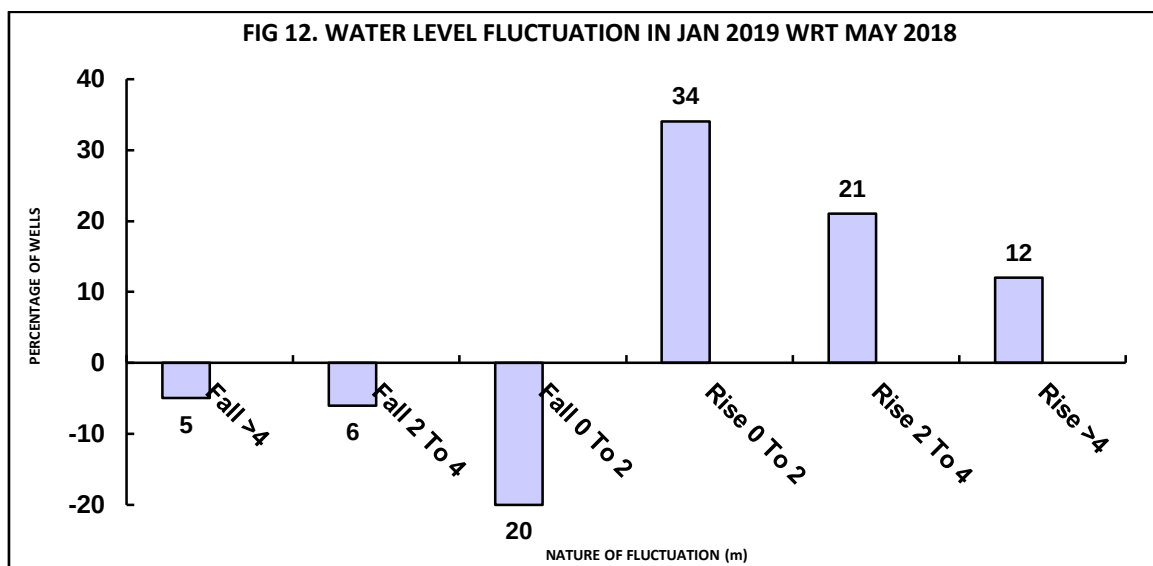
Rise in water level is observed in about 18 % of the wells covering about 44,311 sq km area. Significant rise of more than 4 m in the water levels (2 % wells) covering about 3,155 sq km area and rise up to 4 m (16 % wells) covering about 41,156 sq km area is observed in parts of Nandurbar, Dhule, Jalgaon, Nashik, Pune, Akola, Gondia, Satara, Sangli and Solapur districts. While as isolated patches are observed in Ahmednagar, Aurangabad, Beed, Wardha, Nanded, Amravati and Buldhana Districts.

In UT of Dadra and Nagar Haveli, about 88 % of wells have shown fall in water level from 0 to more than 4 m and 12 % have recorded rise in water level up to 2 m, in comparison to water level in August 2018.

6.2.1.4 Water Level Fluctuation in January 2019 with reference to May 2018

Annexure IX gives the fluctuation in all the districts of Maharashtra and Union Territory of Dadra and Nagar Haveli between January 2019 and May 2018. The fluctuation map for the period of January 2019 with reference to May 2018 is presented in **Plate XII**. The frequency distribution of the number of hydrograph network stations with reference to their fluctuation is shown in **Fig.12**.

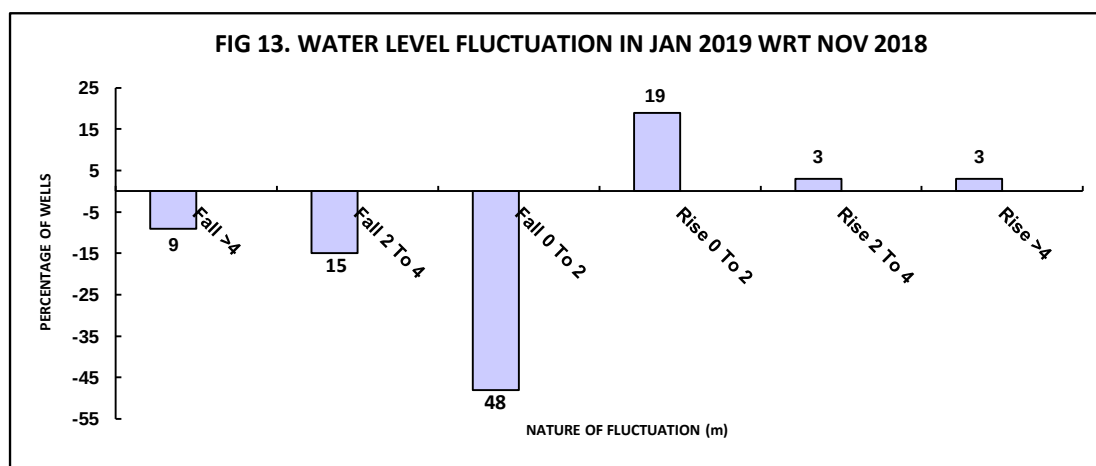
Water levels from 1592 stations were compared with that of May 2018 to know the seasonal change in ground water level in January 2019. On the whole 67 % of the analysed wells have recorded a rise in water level during January 2019 as compared with the water level of May 2018. The remaining 31 % wells have recorded a fall in water level and 2 % of wells have shown no change in water level.



The water levels show a rise in about 67 % wells covering an area of about 2,04,926 sq km over the major part of the state. Significant rise in water level more than 2 m has been observed in parts of Yavatmal, Akola, Amravati, Chandrapur, Gadchiroli, Nashik and Nandurbar districts. The significant rise in water level indicates optimum saturation of phreatic aquifers during monsoon season. About 31% wells covering an area of about 1, 02,288 sq km show decline in water level in parts of all the districts of Marathwada, Western Maharashtra and Khandesh regions. Isolated patches are also observed in Amravati, Buldhana, Wardha, Chandrapur, and Yavatmal Districts of Vidarbha region and in all the districts of Konkan region. Significant fall in water level i.e., more than 2 m has been observed in parts of all the districts of Marathwada, Western Maharashtra and Khandesh regions. This may be due to poor rainfall recharge of aquifer or less rainfall received in these areas. No water level fluctuation is observed in about 2% of wells.

In the UT of Dadra & Nagar Haveli, 13% (2 wells) show rise in water level up to 2m; 27 % (4 wells) show rise between 2m and 4m; 13 % (2 wells) show rise in water level by more than 4m. The decline in water level up to 2m is observed in 34 % (5 wells) of wells; no wells show decline in water level between 2 to 4 m and 13% (2 wells) show fall in water level more than 4 m.

6.2.1.5 Water Level Fluctuation in January 2019 with reference to November 2018



The **Annexure X** gives the district wise fluctuation in the state of Maharashtra and the Union Territory of Dadra and Nagar Haveli. For January 2019 with respect to November 2018, the frequency distribution of the number of hydrograph network stations in terms of their fluctuation is

shown in **Fig. 13**. The fluctuation map for January 2019 with reference to November 2018 is presented in **Plate XIII**.

Water levels from 1613 stations were compared with that of November 2018 to know the seasonal change in ground water level in January 2019. On the whole 72 % of the analyzed wells have recorded a fall in water level during January 2019 as compared with the water level of November 2018. The remaining 25 % wells have recorded a rise in water level and 3 % of wells have shown no change in water level.

The rise in water level up to 2m is observed in 19 % of wells covering an area of 57,619 sq km in major parts of Nandurbar, Solapur, Yavatmal, Gadchiroli and Amravati districts and isolated patches are observed in all the districts. The rise of more than 2m is observed in 6% wells covering an area of about 11,727 sq km in isolated patches in Nandurbar, Nashik, Solapur, Ahmednagar, Osmanabad, Nanded, Aurangabad, Buldhana, Amravati, Beed, Pune and Latur districts.

The decline in water level up to 2m is observed in 48% of wells covering an area of about 1,69,544 sq km in major parts of state. Decline of more than 2 m is observed in 24% wells covering an area of about 68,299 sq km in major parts of all the district of Marathwada and Khandesh regions. Isolated patches are also observed in all the districts of Western Maharashtra and Vidarbha regions and Ratnagiri, Sindhudurg, Thane districts of Konkan region.

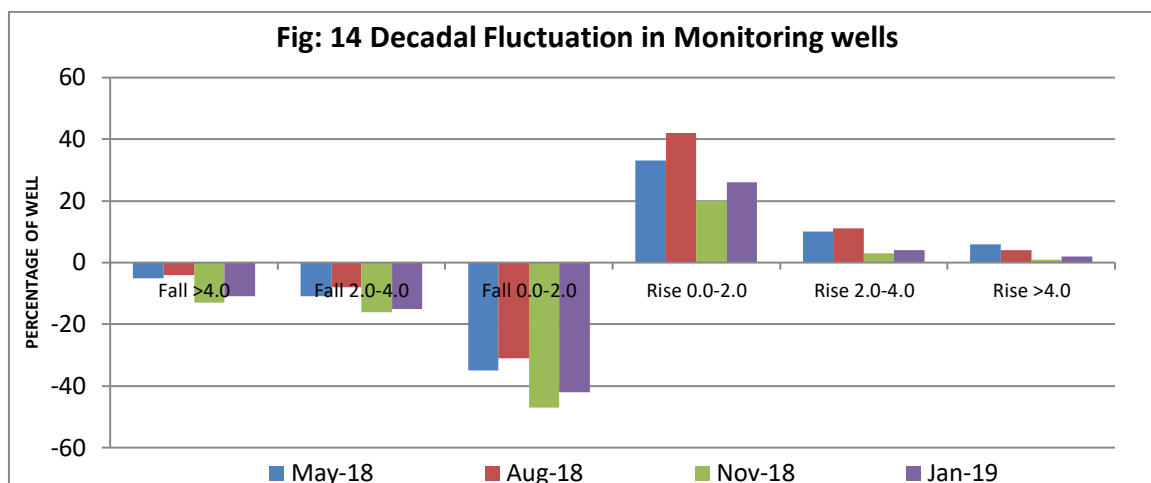
In UT of Dadra & Nagar Haveli, 13% (2 wells) show rise in water level up to 2m while decline in water level up to 2m is observed in 60% (9 wells) and decline in water level between 2 and 4m is observed in 27% (4 well) of wells. No wells show decline of more than 4m in water level.

6.2.2 Decadal Water Level Fluctuations

The fluctuations in water level described earlier are very much dependent on the rainfall and give a very short-term picture. In order to remove the rainfall anomalies, the long-term water level is considered as this would normalize the erratic highs and lows.

The depth to ground water level of a particular monitoring season compared with the preceding 10 years data, i.e., decadal mean of water level, to get an idea about the water level conditions of that particular season with respect to the decadal mean. Frequency distribution of May 2018, August 2018, November 2018 and January 2019 compared with Decadal Mean of consequent seasons were presented in **Fig 14**. Such a comparison helps in the assessment of drought situations or otherwise the abundance of ground water resources of a particular monitoring season.

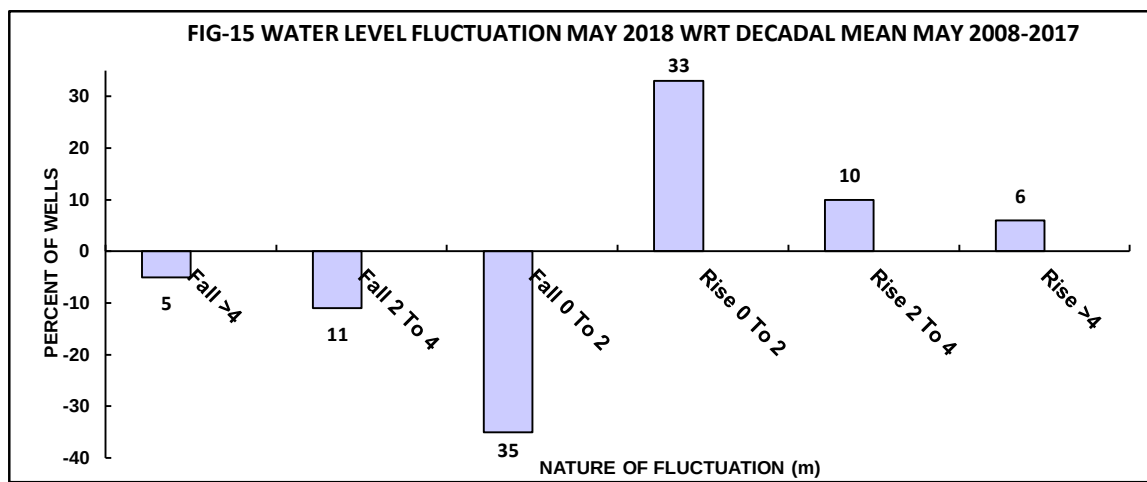
The long-term rise in water level attributes to the good saturation of aquifers through rainfall in 2018 monsoon. Such a rise may be due to higher rainfall received in these areas in 2018 monsoon and due to premonsoon/early monsoon rainfall during the current year. The long-term decline in water level may be due to poor saturation of aquifers through rainfall in these areas during 2018 monsoon and large-scale developmental activities in terms of exploitation of ground water resources in the affected districts.



6.2.2.1 Water Level Fluctuation in May 2018 with reference to the Decadal Mean of Water Level (May 2008-2017)

The **Annexure XI** gives the fluctuation in all the districts of Maharashtra and the Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to the various ranges of fluctuation is shown in **Fig.15**. The water level fluctuation map for the period May 2018 with reference to the decadal mean (May 2008-2017) is presented in **Plate XIV**.

Mean water level for the period May 2008 to May 2017 was compared with the water level in May 2018. It is seen that out of the 1711 stations compared, 840 stations accounting for 51% have shown a fall in water level during May 2018 as compared to preceding decadal mean and the remaining 870 stations accounting for 49 % have shown a rise in water level.



The perusal of **Annexure XI** and **Plate XIV** shows that 49 % of wells covering about 1,58,632 sq km area show a rise in water level, out of which 33 % wells covering about 1,18,632 sq km show a marginal rise between 0-2 m, 10% wells between 2-4 m and 6% wells show more than 4 m covering an area of about 40,00 Sq Km. The rise in water level up to 4m is observed in small parts in all the districts of Maharashtra. A significant rise of more than 4m is observed in isolated parts of all districts except Akola, Washim, Gondia, Dhule, Mumbai, Raigad and Sindhudurg districts.

The decline in water levels is noticed in 51 % of wells covering about 1,48,575 sq km; out of which 35% wells covering about 1,12,809 sq km area show fall in water levels between 0-2 m and 11% wells between 2-4 m and 5% wells of more than 4 m covering an area of about 35,766 sq km. The declines are prominently observed in Amravati, Akola, Buldhana, Washim, Nagpur, Bhandara,

Gondia, Chandrapur, Yavatmal, Dhule, Nandurbar, Pune, Nanded, Ahmednagar and Thane districts. The small isolated patches are observed in all the districts.

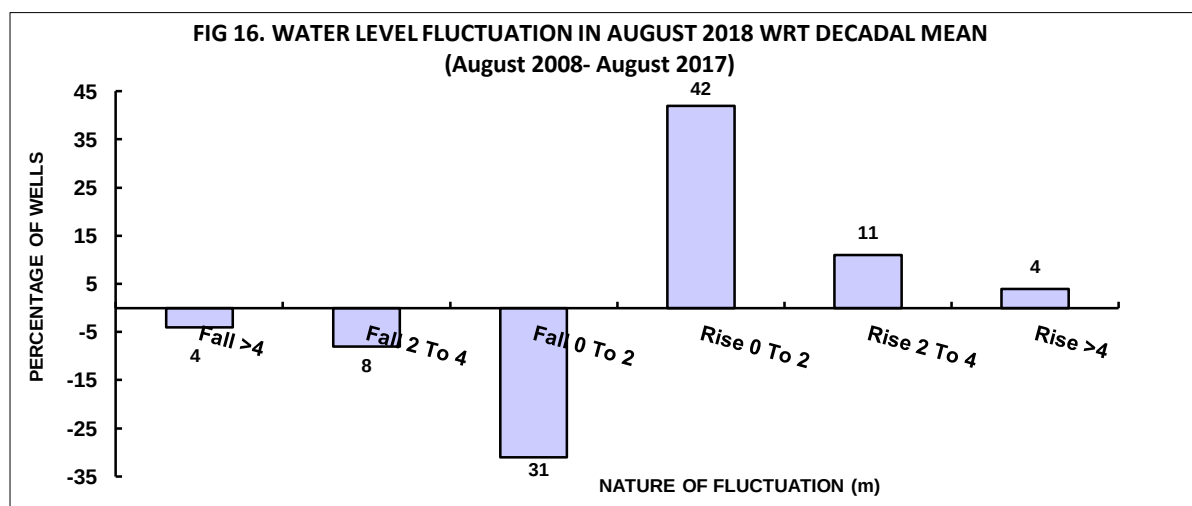
In UT of Dadra and Nagar Haveli, decline in water level up to 2m observed in 29% (5 wells) of wells; 6% (1 well) of wells show decline between 2 to 4m and 12% (2 wells) wells show more than 4m decline in water levels. Rise in water level up to 2m observed in 24% (4 wells) wells; 18% (3 wells) of wells show rise in water level between 2 to 4m and 12% (2 wells) wells show more than 4m rise in water level.

The water level decline may be due to the negative departure of 2017 rainfall with respect to their decadal rainfall normal. Such decline in water levels may also be due to more ground water developmental activities apart from the poor saturation of aquifers.

6.2.2.2 Water Level Fluctuations in August 2018 with reference to the Decadal Mean of Water Levels (August 2008-2017)

The **Annexure XII** gives the fluctuation in all districts of Maharashtra State and the Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their water level fluctuation is shown in **Fig.16**. The water level fluctuation map for the period August 2018 with reference to the decadal mean of August 2008-2017, presented in **Plate XV**.

Mean ground water level for the period August 2008 to August 2017 was compared with the water level in August 2018. It is seen that, out of the 1620 stations compared, 57 % have shown a rise in water level during August 2018 as compared to preceding decadal mean and 43 % have shown a fall in water level.



The perusal of **Plate XV** shows that that 57 % of the wells covering about 1,75,324 sq km area in Maharashtra show rising trend in parts of Vidarbha, Marathwada and Konkan regions while 43% of wells covering an area of 1,31,903 sq km show falling trend in northern part of Tapi Purna Alluvial basin and Part of Marathwada and Vidarbha regions.

The rise in depth to water level up to 2 m is observed in 42 % of wells covering an area of 1,41,133 sq km in all the districts of Vidarbha region; Raigad, Ratnagiri and Sindhudurg districts of Konkan region; Pune, Sangli and Satara districts of Western Maharashtra region; Nashik and Jalgaon district of Khandesh region; Nanded, Hingoli, Latur, Osmanabad and Jalna districts of Marathwada region.

The rise in depth to water level to more than 2m is observed in 15 % of wells covering an area of 34,191 sq km in parts of all the districts of Marathwada region. Isolated patches are observed in Nashik, Dhule, Nandurbar, Pune, Sangli, Satara, Solapur, Ratnagiri, Akola, Amravati, Chandrapur and Yavatmal districts.

The decline in depth to water level up to 2m is observed in 31 % of wells covering an area of 1,03,014 sq km in major part of Thane, Mumbai, Satara, Solapur, Nagpur, Wardha, Amravati, Buldhana, Ahmednagar, Dhule and Jalgaon districts and in small parts of rest of the districts.

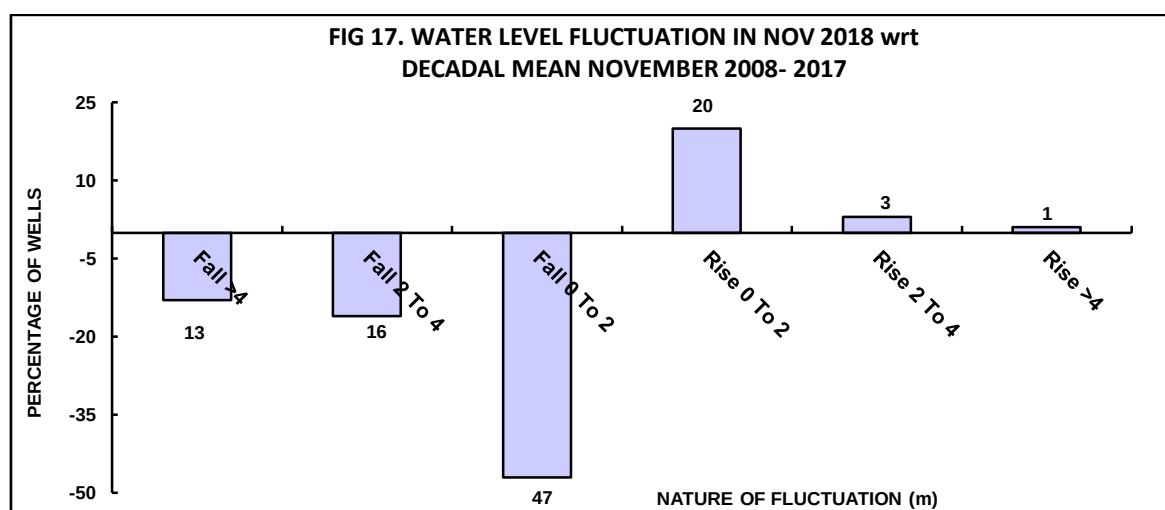
The decline in depth to water level to more than 2m is observed in 12 % wells covering an area of 28,889 sq km mostly in Jalgaon, Dhule, Nandurbar districts of Khandesh region; Akola, Amravati, Buldhana, Bhandara and Gondia districts of Vidarbha region; Aurangabad and Beed districts of Marathwada region; Pune and Solapur districts of Western Maharashtra region. Isolated patches are also observed in almost all the districts of Maharashtra State except Hingoli and Raigad districts.

In the UT of Dadra and Nagar Haveli, rise in depth to water level up to 2m can be observed in 18 % of wells (3 wells) while decline in depth to water level observed only in 82 % of wells (14 wells) in the range of 0-2 and 2-4 m and >4 m.

The water level decline may be due to the negative departure of 2018 rainfall with respect to their decadal rainfall normal. Such a decline in water level may also be due to ground water developmental activities apart from poor saturation of aquifers.

6.2.2.3 Water Level Fluctuation in November 2018 with reference to Decadal Mean of Water Level (November 2008-2017)

The **Annexure XIII** gives the fluctuation in all districts of Maharashtra State and the Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their water level fluctuation is shown in **Fig.17**. The water level fluctuation map for November 2018 with reference to the decadal mean of November 2008-2017 is presented in **Plate-XVI**.



Mean ground water level for the period November 2008 to November 2017 was compared with the water level in November 2018. It is seen that, out of the 1649 stations compared, 24 % have shown a rise in water level during November 2018 as compared to preceding decadal mean and 76 % have shown a fall in water level.

The perusal of Plate XVI shows that rise in water level is noticed in 24 % of wells covering about 57,458 sq km area in Maharashtra, out of which 20% wells covering about 53,287 sq km show rise up to 2 m, 3 % of wells covering an area of 3370 sq km show a rise in water level between 2 and 4 m and 1 % of wells show more than 4 m rise covering about 801 sq km area. The rise could be due to positive departure of 2018 rainfall with respect to the decadal average rainfall. The rise up to 2 m has been observed in major parts of Gadchiroli and Wardha districts; parts of Nanded, Raigad, Kolhapur, Pune, Nashik and Amravati districts. Isolated patches are observed in rest of the districts of Maharashtra.

The rise in water levels of more than 2 m is observed in small parts of all the districts of Marathwada region and Pune, Kolhapur, Solapur, Ahmednagar, Satara, Sangli, Jalgaon and Amravati districts of Maharashtra. Isolated patches are observed in most of the districts of Maharashtra except Latur, Osmanabad, Solapur, Aurangabad, Buldhana, Washim, Gondia, Nandurbar, Ratnagiri, Sindhudurg, Thane and Mumbai Districts.

Decline in water level is noticed in 76 % of wells covering an area of about 2,49,683 sq km, of which 47 % wells covering about 1,55,532 sq km show fall up to 2 m, 29% of wells show fall more than 2m covering an area of about 94,151 sq km area. This fall is being noticed over almost entire Maharashtra. The water level decline may be due to the negative departure of 2018 rainfall with respect to their decadal normal or due to developmental activities apart from the poor saturation of aquifers. Significant decline (>4 m) is observed in all the districts of Marathwada, Western Maharashtra regions; Akola, Washim, Buldhana, Amravati and Yavatmal districts of Vidarbha region; Ahmednagar, Jalgaon and Nandurbar districts of Khandesh region. Isolated patches are also observed in rest of the districts except Gadchiroli, Thane, Raigad, Gondia districts.

In Dadra & Nagar Haveli, a rise in water level up to 2 m is observed in 12 % of the wells (2 wells) and 6% (1 wells) show rise up to 4 m while Decline up to 2 m is observed in 65 % (11 Wells) of wells; 6% of wells show decline between 2-4 m and 12 % (2 wells) of wells show decline of more than 4 m when compared with their decadal mean.

6.2.2.4 Water Level Fluctuation in January 2019 with reference to the Decadal Mean (January 2009-2018) of Water Levels

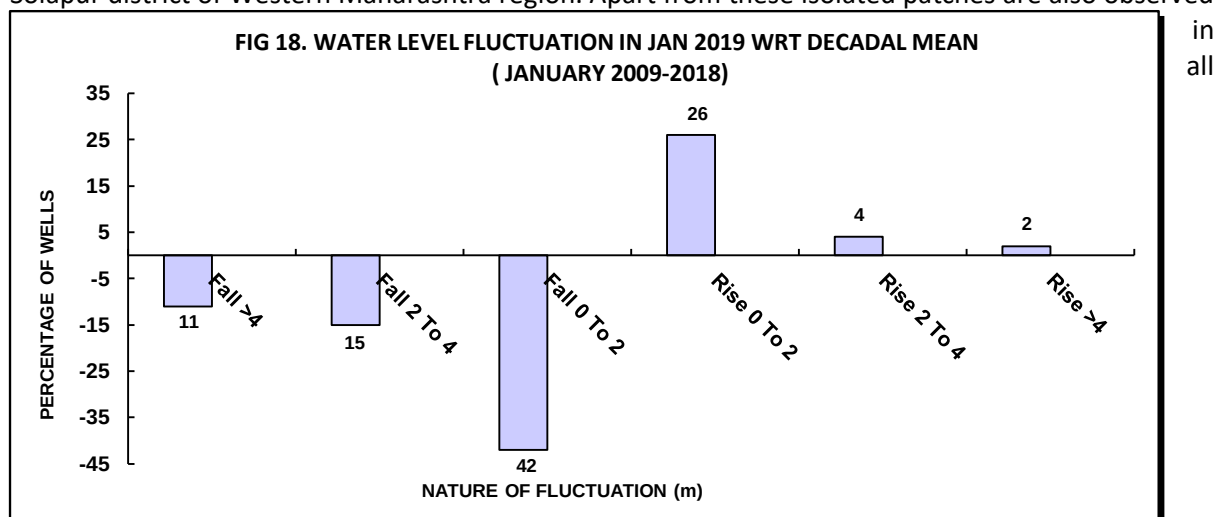
The **Annexure XIV** gives the district wise fluctuation in the Maharashtra State and the Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their water level fluctuation is shown in **Fig. 18**. The water level fluctuation maps for January 2019 with reference to the decadal mean of January 2009-2018 is presented in **Plate XVII**.

Mean water level for the period January 2009 to January 2018 was compared with the water level in January 2019. It is seen that, out of the 1668 stations compared, 32 % have shown a rise in water level during January 2019 as compared to preceding decadal mean and 68 % have shown a fall in water level.

The rise in water level up to 2m is observed in 26 % wells covering an area of about 66,683 sq km in major parts of Raigad, Pune, Chandrapur, Gadchiroli, Yavatmal, Nandurbar, Nanded, Amravati, Akola and Washim districts. The rise of more than 2m is observed in 6 % wells covering an area of about 10,963 sq km in isolated parts of Nandurbar, Sangli, Pune, Aurangabad, Amravati, Akola, Buldhana, Nanded, Hingoli, Parbhani, Gadchiroli and Nagpur districts.

The decline in water level up to 2m is observed in 42% wells covering an area of about 1,42,389 sq km in major parts of Ratnagiri, Sindhudurg and Thane districts of Konkan region; Kolhapur, Satara, Sangli districts of Western Maharashtra region; Ahmednagar, Nashik, Dhule districts of Khandesh region; and all the districts of Vidarbha region.

Decline of more than 2m is observed in 26 % wells covering an area of about 87,181 sq. km in major parts of all the districts of Marathwada and Khandesh regions and parts of Pune and Solapur district of Western Maharashtra region. Apart from these isolated patches are also observed

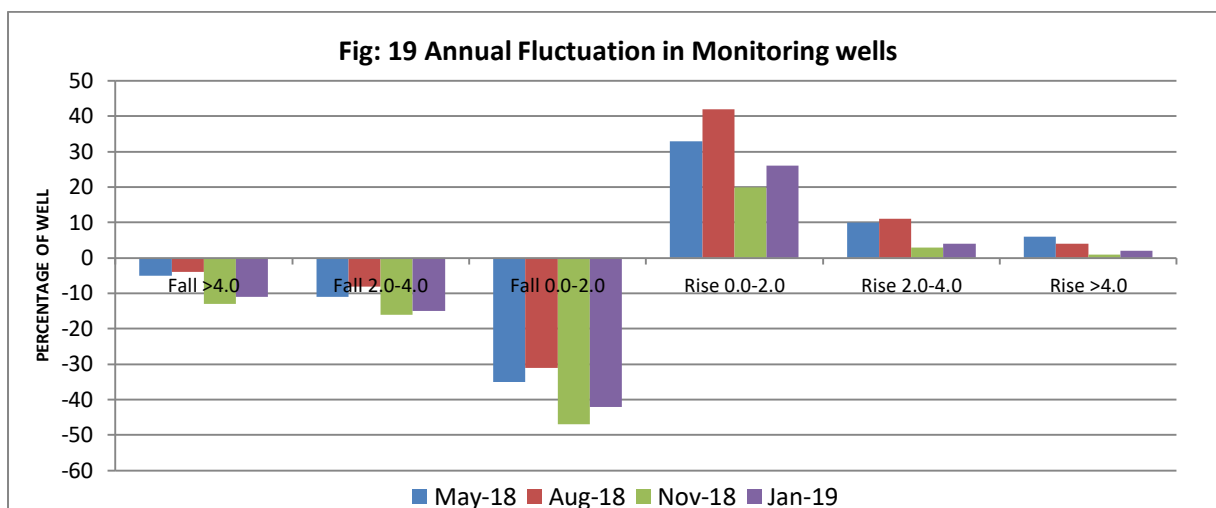


the districts except Raigad, Sindhudurg and Gadchiroli districts. These are the probable water scarcity areas during summer 2019.

In UT of Dadra & Nagar Haveli, 13% (2 wells) show rise in water level up to 2m while decline in water level up to 2m is observed in 40 % (6 wells) of wells; 20 % (3 wells) show decline in water level between 2 and 4 m and 20 % (3 wells) show decline of more than 4 m. About 7 % (1 well) of wells shows no fluctuation.

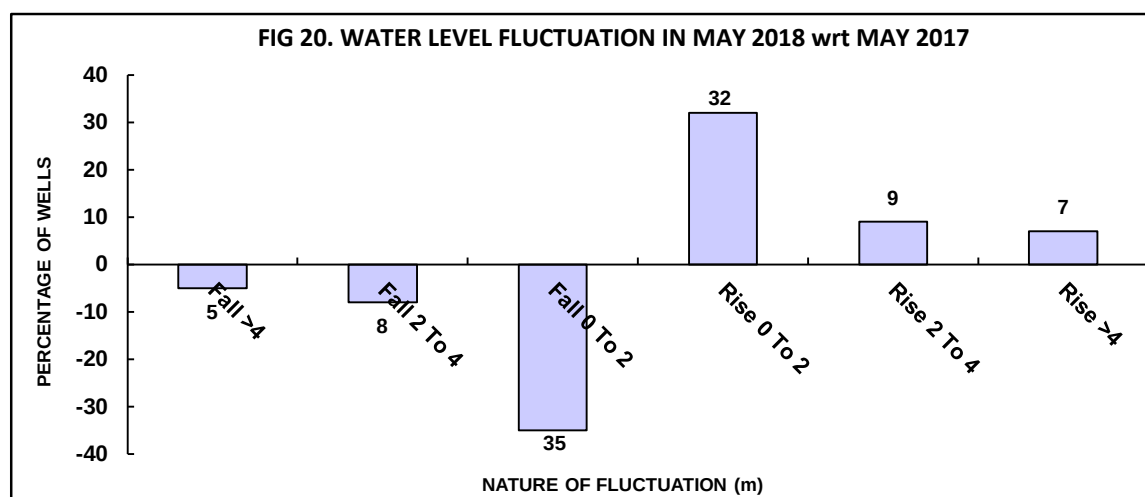
6.2.3 Annual Water Level Fluctuations

This section describes the water level changes between a particular season during the year 2018-19 with the corresponding season in the previous year, i.e., 2017-18. Frequency distribution of the water level fluctuation is shown in **Fig. 19**. The annual minimum depth to water in shallow wells typically occurs in winter/monsoon season, while annual maximum depth to water occurs in late summer. Rise in water level is due to good rainfall received during the monsoon season 2017 and fall in water level may be due to local phenomena due to bad aquifer system and excess extraction of ground water.



6.2.3.1 Water Level Fluctuation in May 2018 with reference to May 2017

The **Annexure XV** gives the distribution of water level fluctuation for the State of Maharashtra and also for the Union Territory of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to the various ranges of fluctuation is shown in **Fig.20**. The area showing rise and fall of water levels during May 2018 with reference to May 2017 is presented in **Plate XVIII**.



The water level data in respect of 1567 wells for the month of May 2018 were analysed and compared with those of May 2017. It is seen that, 48% of the analysed wells have recorded rise in water level during May 2018 as compared with the water level of May 2017 and 48 % wells have recorded fall in water level in the range of 0-2 m, 2-4 m and >4 m. About 4% of wells show no fluctuation in water level.

The fluctuation in water level in May 2018 with respect to May 2017 indicates that a rise and fall is observed in almost equal number of monitoring wells and spatially fall in water level is more prominent in northern half of the state covering major parts of Vidarbha and Khandesh regions and parts of Marathwada region. Rise in water level is more prominent in southern half of the state covering major part of Western Maharashtra and Konkan regions.

Decline up to 2 m is observed in 35 % of wells covering about 1,15,179 sq km area in major parts of Gadchiroli, Chandrapur, Nagpur, Bhandara, Gondia, Akola, Amravati, Buldhana, Washim, Jalgaon, Dhule, Nandurbar, Nanded, Raigad, Sangli, Solapur, Nasik, Pune and Mumbai districts.

The decline in water levels by more than 2 m covering an area of about 25,793 sq km is observed in parts of Akola, Amravati, Buldhana, Yavatmal, Parbhani, Hingoli, Nanded, Beed, Aurangabad, Jalna, Ahmednagar, Nashik, Raigad and Sangli district. Apart from this, fall is observed in isolated parts of almost all the districts except Satara and Mumbai districts.

The rise in water levels up to 2 m is observed in 32 % of wells covering about 1,15,658 sq km area in major parts of Sindhudurg, Ratnagiri and in small parts in all the districts of Maharashtra. The rise may be due to the positive departure of rainfall in 2017. The rise in water level between 2 m and 4 m is observed in 37,755 sq km area in major parts in Satara and Osmanabad districts and in parts of all the districts except Mumbai, Gondia, Akola, Dhule, Nandurbar and Gadchiroli districts.

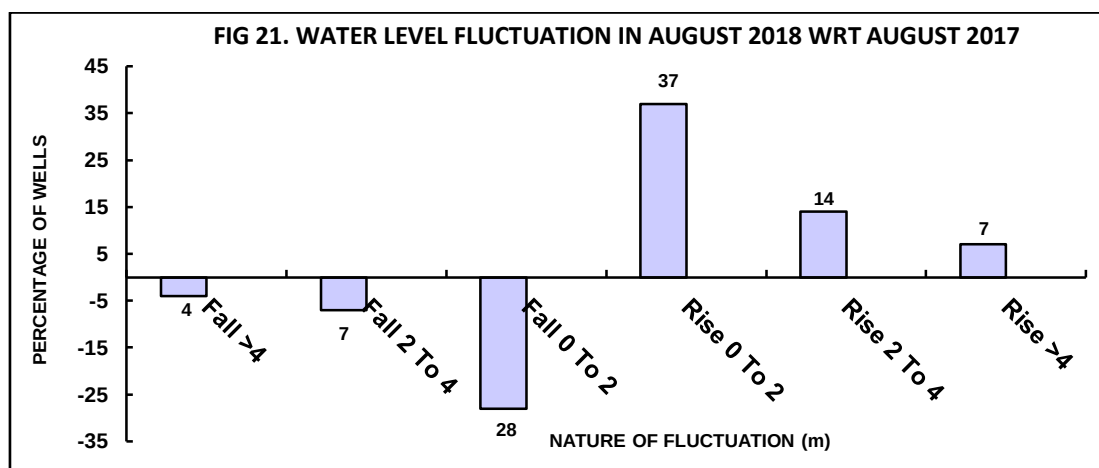
Water levels have shown a rise of more than 4 m in 7 % of wells covering about 12,838 sq km in isolated patches in all the districts except Nandurbar, Dhule, Raigad, Mumbai, Ratnagiri, Bhandara, Amravati, Chandrapur, Gadchiroli and Gondia districts.

In the UT of Dadra & Nagar Haveli, 17% (3 wells) show rise in water level up to 2m; 12% (2 well) show rise between 2 and 4m; 18% (3 wells) show rise in water level more than 4m whereas decline in water level up to 2m is observed in 41% (7 well) wells and 6% (1 wells) wells show decline in water level between 2 and 4m and 6% (1 well) wells show decline of more than 4m.

6.2.3.2 Water Level Fluctuation in August 2018 with reference to August 2017

The **Annexure XVI** gives the water level fluctuation in all the districts of Maharashtra and UT of Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network stations with reference to their fluctuation is shown in **Fig. 21**. The water level fluctuation map for the period of August 2018 with reference to August 2017 is presented in **Plate XIX**.

The water level data in respect of 1542 wells for the month of August 2018 were analysed and compared with those monitored during August 2017. It is seen that, 58 % wells have recorded rise in water level during August 2018 as compared with the water level of August 2017 and 39% wells have recorded fall in the range of 0-2 m, 2-4 m and >4 m. 3 % of wells have shown no fluctuation in water level.



The annual water level fluctuation (August 2018 Vs August 2017), indicated that about 58 % of the wells have recorded rise in water level; 39 % wells have recorded fall in water level in the range of 0-2 m, 2-4 m and >4 m and 3 % of wells have shown no fluctuation.

The rise in ground water level up to 2m is observed in 37 % of wells covering an area of about 1,38,534 sq km and mostly observed in major parts of all the districts of Konkan, Vidarbha, Western Maharashtra regions; and in parts of Aurangabad, Jalna, Parbhani, Hingoli, Nanded and

Osmanabad districts of Marathwada and Ahmednagar and Jalgaon districts of Khandesh regions. Apart from these isolated patches are also observed in almost all the districts.

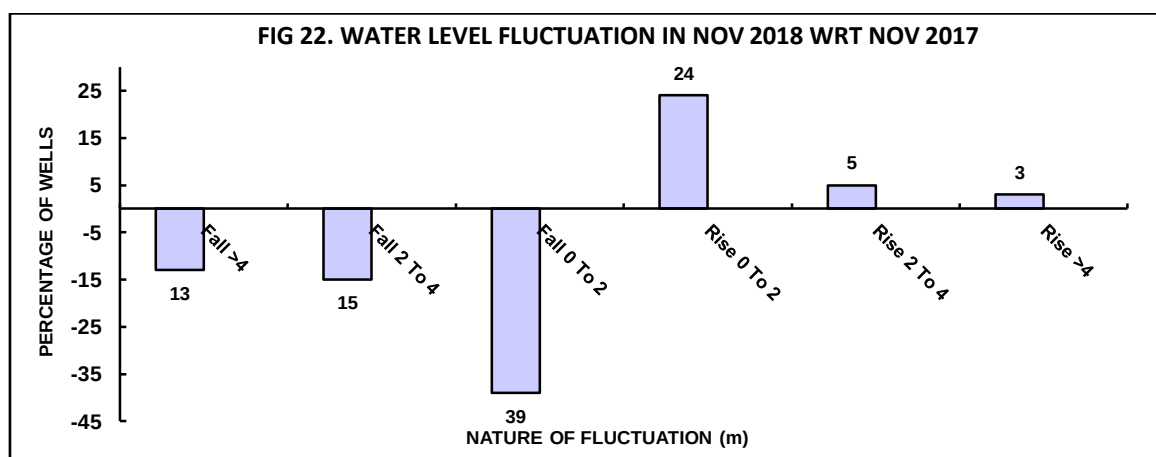
The rise in ground water level to more than 2 m is observed in 21 % of wells covering an area of 52,099 sq km and observed as Isolated patches in almost all districts of Maharashtra state except Mumbai, Thane and Latur districts.

About 39 % of wells show decline in water level covering 1,16,573 sq km area. Decline up to 2 m is observed in 28 % of wells covering about 88,694 sq km area and more than 2 m decline is observed in 11 % of wells covering about 27,879 sq km area. Declines are observed in all districts of Khandesh and Marathwada regions and in parts of the Amravati, Nagpur, Gondia, Akola, Buldhana, Yavatmal districts of Vidarbha region; Raigad, Thane, Mumbai and Ratnagiri districts of Konkan region. Apart from this isolated Patches are also observed in rest of the districts. This decline was may be due to less rainfall received during the month of August 2018, as depicted by the rainfall departure map (Plate I).

In UT of Dadra and Nagar Haveli, 24 % of wells (4 wells) show rise in depth to water level up to 2 m and 6 % of wells (1 well) shows rise in the range of 2 to 4 m while 47 % of wells (8 wells) show fall in water level up to 2 m and 6 % (1 well) show fall in water level in the range of 2 and to 4 m. About 17 % of wells have shown no fluctuation.

6.2.3.3 Water Level Fluctuation in November 2018 with reference to November 2017

The **Annexure XVII** gives the water level fluctuation in all districts of Maharashtra and Dadra and Nagar Haveli. The frequency distribution of the number of hydrograph network station with reference to the water level fluctuation is shown in **Fig.22**. The water level fluctuation map for the period November 2018 with reference to November 2017 is presented in **Plate XX**.



The water level data in respect of 1585 wells for the month of November 2018 were analysed and compared with those monitored during November 2017. It is seen that, 32 % wells have recorded rise in water level during November 2018 as compared with the water level of November 2017 and 67 % wells have recorded fall in the range of 0-2 m, 2-4 m and >4 m. 1 % of wells have shown no fluctuation in water level.

During this period, decline in depth to water level has been recorded in 67 % wells covering 2, 26,938 sq km areas. The rise in depth to water level is observed only in 32% of wells covering an area 80,266 sq km. 1% of wells have shown no fluctuation.

The decline in DTWL over the period is observed in 67 % of wells covering about 2, 26,938 sq km area. Decline up to 2 m is observed in 39% of wells covering 1,26,553 sq km area in major parts

of all the districts of Konkan & Khandesh region; Nagpur, Amravati, Chandrapur, Gadchiroli, Yavatmal, Akola Washim and Buldhana districts of Vidarbha and Kolhapur, Satara, Sangli and Pune districts of Western Maharashtra region and in parts of all the districts of Maharashtra.

Decline in DTWL more than 2 mbgl covering an area of 1,00,384 sq km area (33 % wells) is observed in all the districts of Marathwada and Western Maharashtra regions; part of Ahmednagar, Nashik Dhule and Nandurbar districts of Khandesh region Amravati, Buldhana, Yavatmal and Nagpur districts of Vidarbha region. Apart from this isolated patch are also observed in rest of the districts except Gadchiroli and Gondia districts of Vidarbha region.

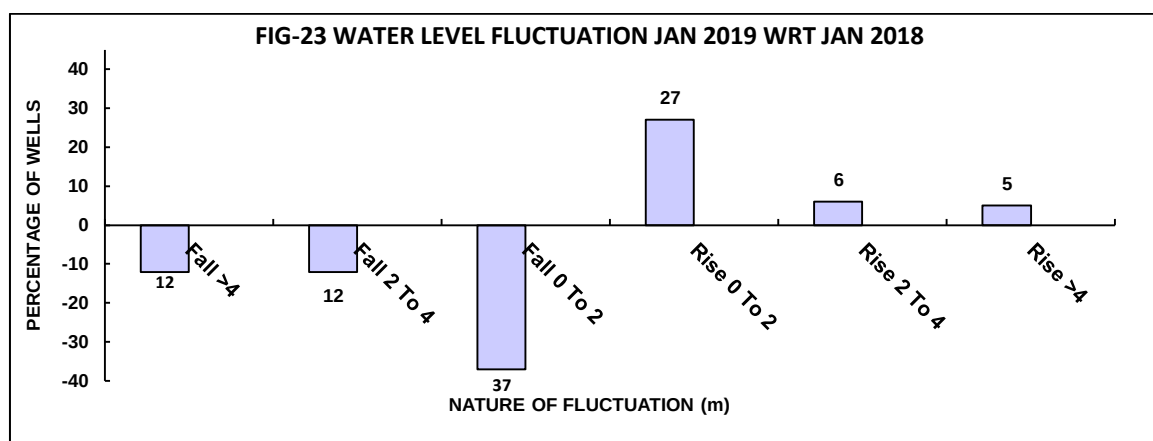
The rise in depth to water level up to 2 m covering an area of 66,464 sq km (24%) is observed in parts of Thane, Mumbai, Nagpur, Bhandara, Gondia, Amravati, Chandrapur, Nanded, Akola, Washim Yavatmal, Jalgaon and Satara Districts and isolated patches are also observed in all the districts except Latur, Osmanabad and Solapur districts.

The rise in water levels of more than 2 m is observed in 8% of wells covering 13,801 sq km area in parts of Ahmednagar, Beed, Nanded, Parbhani, Hingoli, Akola, Amravati, Bhandara Gondia, Wardha, Chandrapur and Aurangabad districts and as isolated patches in most of the districts of Maharashtra.

In Dadra and Nagar Haveli, 71 % (12 wells) of wells show decline in water level in the range of 0-2, 2-4 and >4 m while, 29% (5 wells) wells show rise in water level up to 4 m.

6.2.3.4 Water Level Fluctuation in January 2019 with reference to January 2018

The **Annexure XVIII** gives the district wise fluctuation in the State of Maharashtra and the Union Territory of Dadra and Nagar Haveli. For January 2019 with respect to January 2018, the frequency distribution of the number of hydrograph network stations in terms of their fluctuation is shown in **Fig. 23**. The fluctuation map for January 2019 with reference to January 2018 is presented in **Plate- XXI**.



The water level data in respect of 1598 wells for the month of January 2019 were analysed and compared with those monitored during January 2018. It is seen that, 38 % wells have recorded rise in water level during January 2019 as compared with the water level of January 2018 and 61 % wells have recorded fall in water level in the range of 0-2 m, 2-4 m and >4 m. About 1 % of wells have shown no fluctuation in water level.

During the period, the ground water levels have risen up to 2 m in 27 % wells covering an area of about 85,272 sq km observed in major parts of Raigad, Pune, Thane, Gadchiroli, Chandrapur, Yavatmal, Akola, Washim, Nanded, Nasik, Nandurbar, Nagpur and Bhandara districts. Small patches

are also observed in Kolhapur, Satara, Sangli, Sindhudurg, Ahmednagar, Aurangabad, Amravati, Wardha and Buldhana districts of Maharashtra.

Rise in water level by more than 2 m are observed in 11 % of wells covering an area of about 20,023 sq km area in parts of Nandurbar, Akola, Amravati, Sangli and Satara Districts. Isolated patches are observed in Kolhapur, Sindhudurg, Ahmednagar, Nashik, Dhule, Yavatmal, Nanded, Buldhana, Nagpur and Bhandara districts of Maharashtra.

The decline in water level up to 2m, observed in 37% wells covering an area of about 1,19,933 sq km mostly in Mumbai, Ratnagiri, Sindhudurg, Kolhapur, Satara, Sangli, Ahmednagar, Jalgaon, Dhule, Amravati, Wardha, Chandrapur, Gadchiroli and Gondia districts. Isolated patches are also observed in all the districts of Maharashtra.

The decline in water levels by more than 2m is observed in 24 % wells covering an area of 81,800 sq km in major parts of all the districts of Marathwada region; Jalgaon, Nashik, Dhule, Nandurbar districts of Khandesh region and Amravati, Wardha, Buldhana and Gondia districts of Vidarbha region. Isolated patches are also observed in rest of the districts except Mumbai and Raigad districts. No water level fluctuation is observed in about 1% of wells.

In the UT of Dadra and Nagar Haveli, 20 % wells (3 wells) show rise in water level up to 2 m while 80 % (12 wells) show decline in water level in the range of 0-2, 2-4 and > 4 m.

6.3 Long-Term Water Level Trend (2009-2018)

The analysis of depth to water trend (time series analysis) with the data from the Ground Water Monitoring Wells for the past one decade, i.e., 2009-2018 was carried out using the least square method. Based on this analysis, maps are prepared demarcating various zones showing the trends of ground water level rise/decline during 2009-2018. The premonsoon, post monsoon and annual trends for the period of 2009-18 are given in **Annexure-XIX**.

6.3.1 Pre-Monsoon Decadal Water Level Trend (2009-2018)

The pre-monsoon decadal ground water level trend (2009-2018) in the State of Maharashtra is shown in **Plate- XXII**. About 39 % of wells show a rising trend in the State. The rising trend up to 0.1 m/year is recorded in 38 % of the wells covering about 1,16,521 sq km area of the State during the past decade 2009-2018 while less than 1 % of wells (0.58 % wells) recorded rising trend of > 0.1 m/year covering 1807 sq km area of the state. Rising trend is generally found in Chandrapur, Gadchiroli, Nagpur, Wardha, Amravati, Buldhana districts of Vidarbha region; Pune, Kolhapur and Sangli districts of Western Maharashtra region; Latur, Parbhani, Jalna, District of Marathwada region, Jalgaon, Nashik, Ahmednagar Districts of Khandesh region and Raigad and Sindhudurg districts of Konkan region. Apart from this, small patches are also found in almost all the districts of Maharashtra. Rising trend more than 0.1 m is observed in Ahmednagar, Parbhani, Nagpur, Jalgaon and Latur districts.

The declining trend of pre-monsoon water level is observed in 61 % of the wells covering about 1, 88,755 sq km area of the state. Declining trend up to 0.1 m/year is observed in about 1,86,473 sq km while only 2281 sq km area is showing declining trend of more than 0.1 m/year. Declining trend is observed in almost all the district of Marathwada, Khandesh and Konkan region. Apart from this, declining trend is also observed in Yavatmal, Akola, Nagpur, Bhandara, Gondia and Buldhana districts of Vidarbha region and Satara, Solapur and Pune districts of Western Maharashtra region. Declining trend more than 0.1 m is observed in isolated parts of Washim, Nagpur, Amravati, Latur, Aurangabad, Nashik, Ratnagiri, Buldhana, Beed and Yavatmal Districts.

The declining trend during premonsoon season indicates that the aquifer is being de-watered every year either due to deficient rainfall recharge or due to the ground water developmental activities in the area, whereas the rising trend indicates that either the developmental activities have reduced or that recharge due to sources other than rainfall, such as applied irrigation has increased.

6.3.2 Post-Monsoon Decadal Water Level Trend (2009-2018)

The post-monsoon decadal ground water level trend (2009-2018) in the State of Maharashtra is shown in **Plate- XXIII**. About 32% of the wells covering 97,210 sq km of the state show a rising trend. It shows that there is a rising trend up to 0.1 m/year in ground water levels in the State covering about 96,742 sq km while only 469 sq km area is showing rising trend more than 0.1 m/year during the past decade 2009-2018. Rising trend is generally observed in major parts of Raigad, Pune, Sindhudurg, Kolhapur, Nasik, Aurangabad, Jalgaon, Nanded, Latur, Amravati, Chandrapur and Gadchiroli districts. Elsewhere, the rising trend is found in sporadic patches in all districts.

About 68 % of the wells in the state show a declining trend. The declining trend of post-monsoon water level is observed in 2,10,012 sq km area. Declining trend up to 0.1 m/year is observed in about 2,07,372 sq km (67% of wells) while only 2640 sq km area is showing declining trend more than 0.1 m/year. Declining trend is observed in almost all the district of Marathwada and Khandesh regions; Satara, Sangli, and Solapur districts of Western Maharashtra region and Ratnagiri, Thane, Mumbai, Sindhudurg districts of Konkan region and all the districts of Vidarbha region except Gadchiroli district. Declining trend more than 0.1 m/year is observed in isolated parts of Nasik, Ratnagiri, Satara, Latur, Parbhani, Buldhana, Jalgaon, Akola, Amravati, Dhule and Nagpur Districts.

7. WATER TABLE ELEVATION

The elevation of water table in the state varies from below mean sea level in coastal parts to more than 1000 m above msl in hilly areas of Sahyadri hills. Water table elevation maps during pre-monsoon (May 2018) is presented in **Plate XXIV**. A perusal of the map reveals that water table generally follows the topography and map shows that water table is near or below sea level in coastal parts of the state in Konkan Region. The elevation becomes higher towards east and attains very high levels in the Sahyadri hills, reaching up to 1000 m above msl. Thus, the ground water has a steep slope towards west. Further beyond, towards eastern side of the Sahyadri hills, the slope of water table is towards west. The water table is about 500 m AMSL in parts of Pune, Satara and Sangli district.

The water table elevation is above 500 m above msl in the east - west trending hilly areas in Nasik, Aurangabad, Jalna and Buldhana districts in the north central parts of the state. Towards north of this hilly area, the elevation gradually reduces to below 200 m amsl in Purna-Tapi valley in parts of Jalgaon and Dhule districts. Towards south also the elevation is below 500 m AMSL in parts of Ahmednagar, Parbhani, and Beed districts. Further south, the elevation reaches above 600 m above msl and at places above 700 m AMSL in parts of Ahmednagar, Beed, Osmanabad and Latur districts. Towards south east, the elevation is below 500 m above msl.

8. HYDROGRAPHS

Hydrograph depicts the variation in long-term water level behaviour due to various time dependent factors on the ground water regime. A study of long-term water level trend for the specific time period reveals the impact of varying natural recharge (rainfall) conditions; withdrawal of groundwater for various agricultural, domestic and industrial activities and impact of various natural happenings. The fluctuations are observed to be high along drainage divides, upland areas and in chronically drought-affected areas. The fluctuations are minimum/low in low-lying canal command areas and in coastal alluvial areas. The water level trend during pre and post monsoon for

select wells at Amravati, Nagpur, Mumbai, Pune, Nashik and Aurangabad districts is presented in Fig. 24,25,26, 27 and 28.

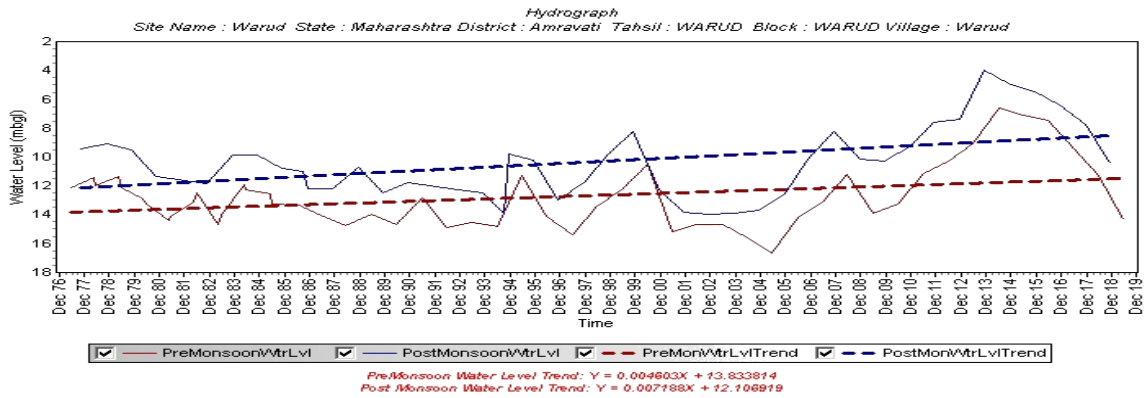


Fig- 24: Hydrograph of GWMW at Warud village, Amravati taluka, Amravati district

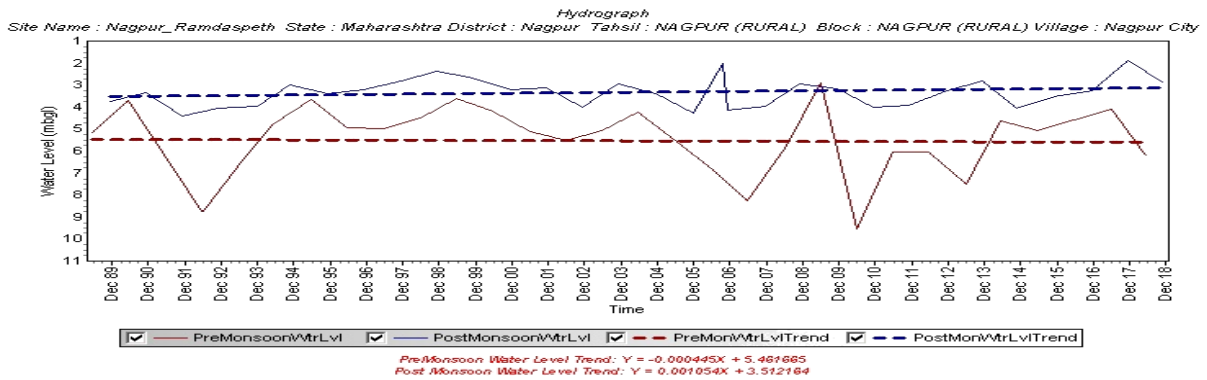


Fig-25: Hydrograph of GWMW at Ramdaspath, Nagpur taluka, Nagpur district

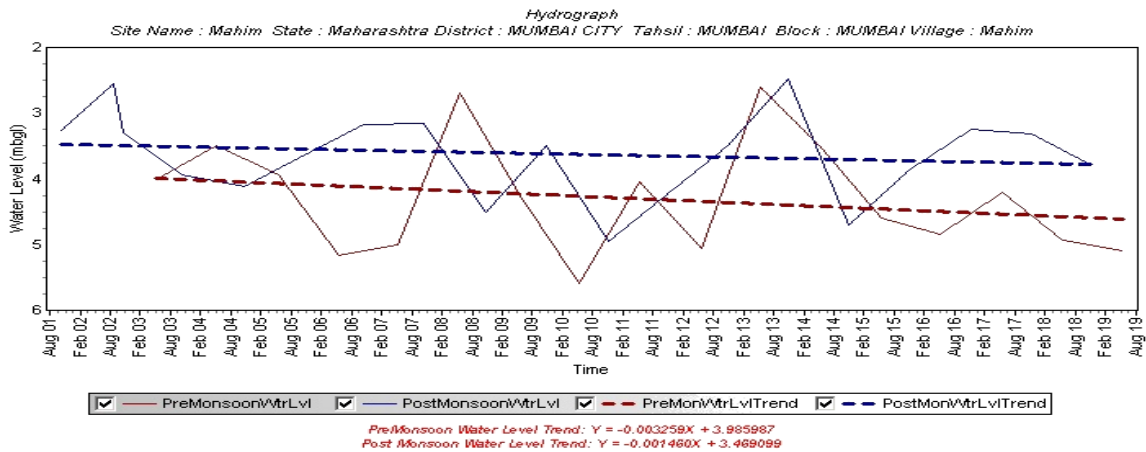


Fig- 26: Hydrograph of GWMW at Mahim, Mumbai City, Mumbai district

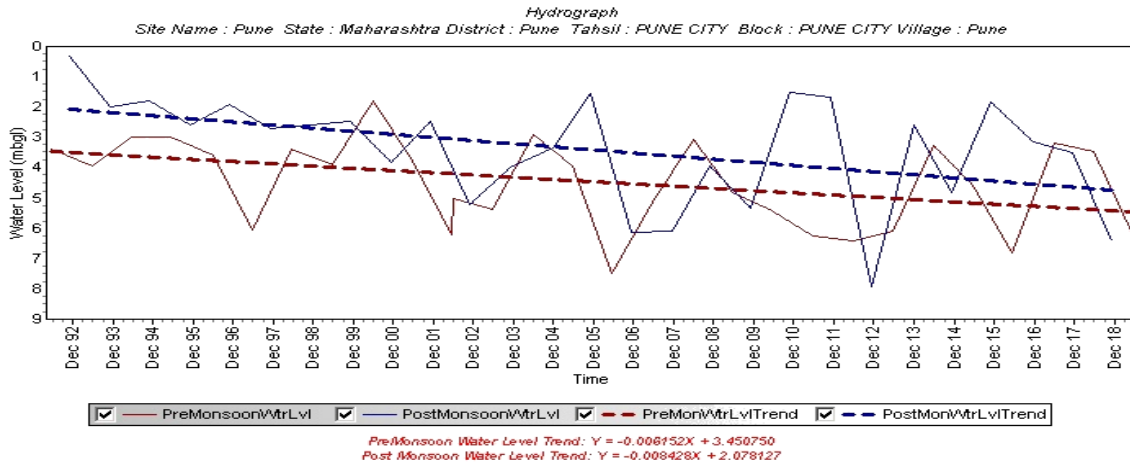


Fig-27: Hydrograph of GWMW at Pune, Pune City, Pune district

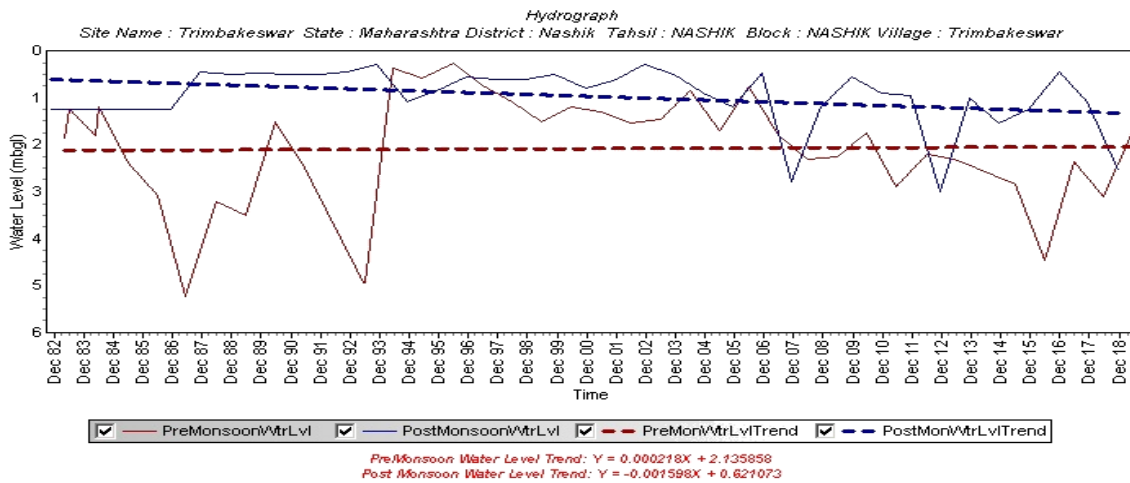


Fig-28: Hydrograph of GWMW at Trimbakeswar village, Nashik taluka, Nashik district

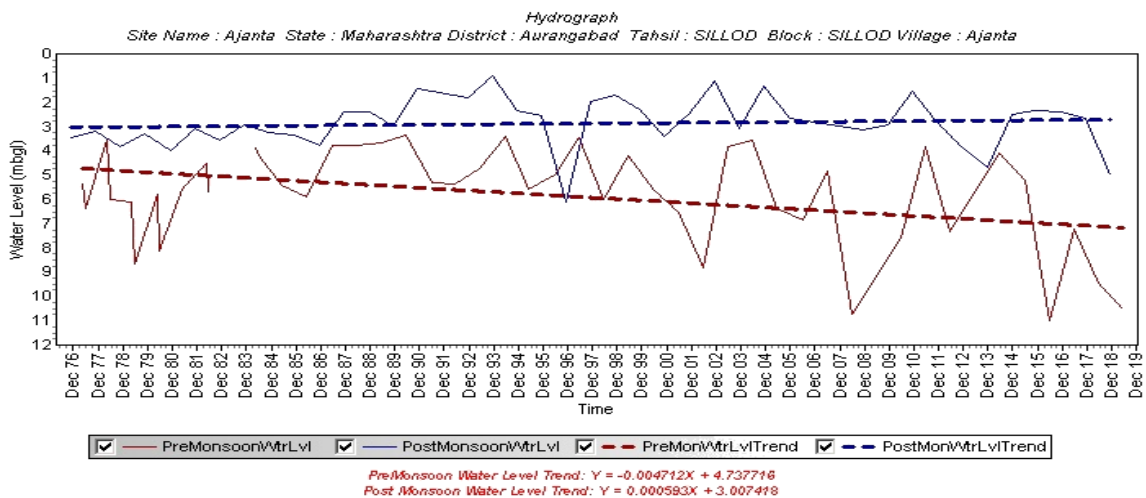


Fig-29: Hydrograph of GWMW at Ajanta village, Sillod taluka, Aurangabad district

8.1 ANALYSIS OF COMPOSITE HYDROGRAPH SHOWING INTERRELATIONSHIPS OF GROUND WATER LEVELS, RAINFALL AND GROUND WATER DRAFT

A composite well-hydrograph has been prepared consisting of water level trend of premonsoon (May each year) and post monsoon (November each year) period from 1998 to 2018, rainfall histogram for the corresponding year and ground water draft for the same period. Regression analysis in respect of premonsoon and postmonsoon water levels over the period 1998-2018 has been worked out to predict the water level at certain interval of time, given the depth of water level at the stage of calculation. A few stations are presented in Fig. 30 to 35.

Composite graph of Warud village is showing rising water level trend in pre and post monsoon periods, it may be due to rising annual rainfall trend with positive departures from normal rainfall. This block is however categorized as over exploited (GWR 2017) due to high exploitation of ground water in Irrigation sector. However, since 2004 ground water draft has reduced and that may be due to changes in irrigation practices (Fig. 30).

Composite graph of Pala village Morshi taluka, Amravati district is showing rising water level trend in premonsoon period, this may be due to changes in irrigation practices since 2004 ground water draft has reduced (Fig.31). During postmonsoon period, mild declining trend is observed; it may be due to declining annual rainfall trend with negative departures from normal rainfall. The block is categorized as over Exploited category (GWR 2017).

Composite graph of Alkud village is showing declining trend in post monsoon periods, it may be due to falling annual rainfall trend with negative departures from normal rainfall and high exploitation of ground water in Irrigation sector. This block is categorized as over Exploited (GWR 2017), since 2008 ground water draft has increased due to high ground water usage in water intensive crops. (Fig. 32)

Composite graph of Rahata village is showing mild declining trend in pre and post monsoon periods, it may be due to high exploitation of ground water in Irrigation sector, however mild rising annual rainfall trend with positive departures from normal rainfall might be the reason for not so steep declining trends even with prevailing high exploitation practices. This block is categorized as over exploited (GWR 2017), (Fig. 33). This may be due to excessive use of ground water in water intensive crops.

Composite graph of Bodvad village is showing declining trend in post monsoon periods, it may be due to falling annual rainfall trend with negative departures from normal rainfall and high exploitation of ground water in Irrigation sector and limited potential of aquifers. This block is categorized as Semi critical (GWR 2017), (Fig. 34).

Composite graph of Ramtek village is showing declining trend in pre and post monsoon periods, it may be due to falling annual rainfall trend with negative departures from normal rainfall and increased exploitation of ground water since 2004. However, ground water draft of is less than the recharge and the block is categorized as safe (GWR 2017) (Fig. 35)

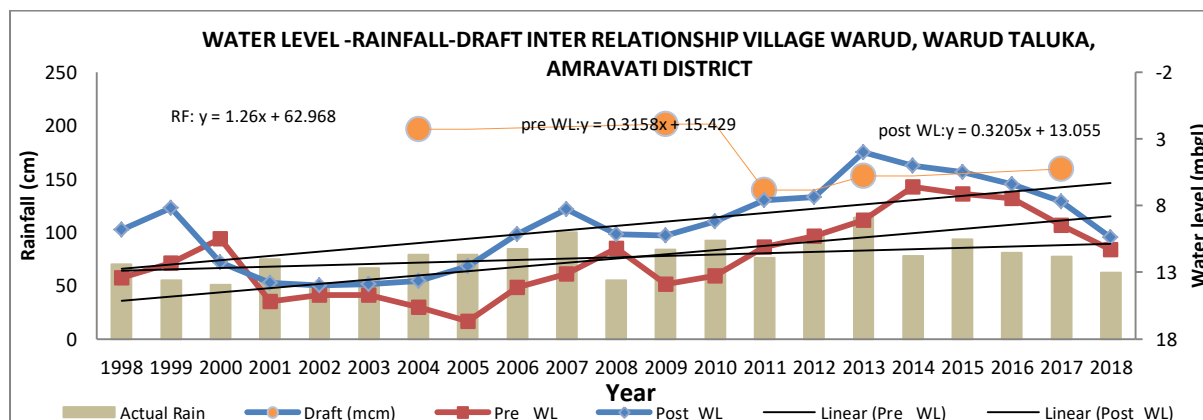


Fig-30: Composite hydrograph of GWMW at Warud village, Warud taluka, Amravati district.

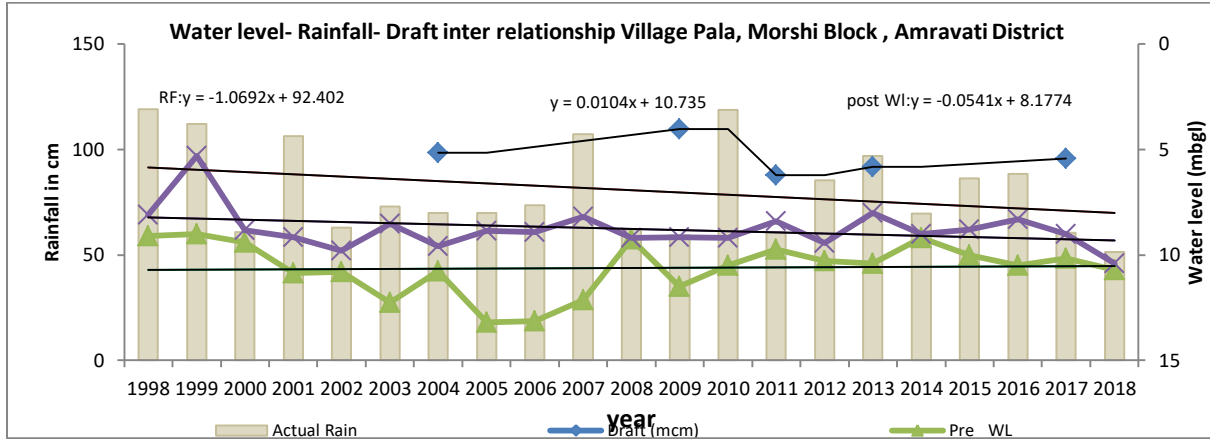


Fig-31: Composite hydrograph of GWMW at Pala village, Morshi taluka, Amravati district.

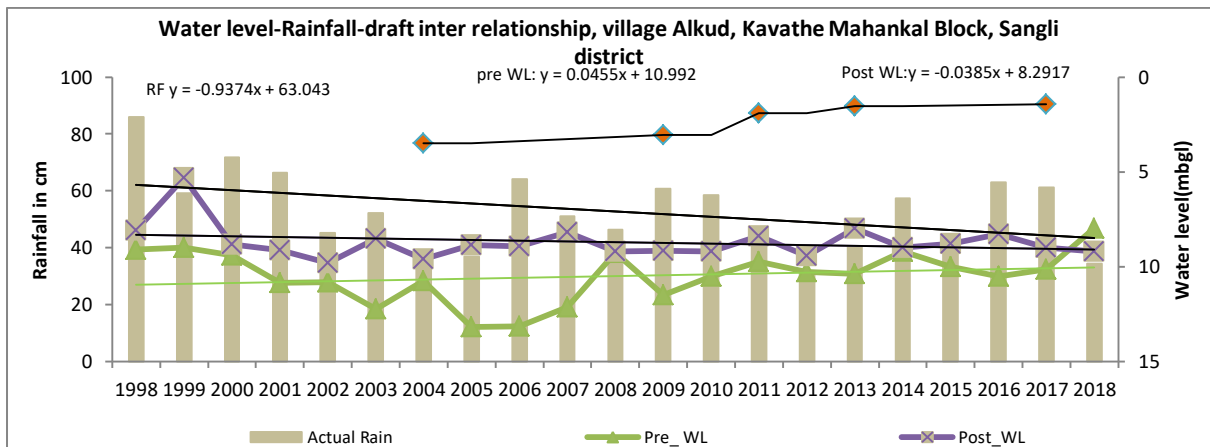


Fig-32: Composite hydrograph of GWMW at Alkud village, Kavthe Mahankal taluka, Sangli district.

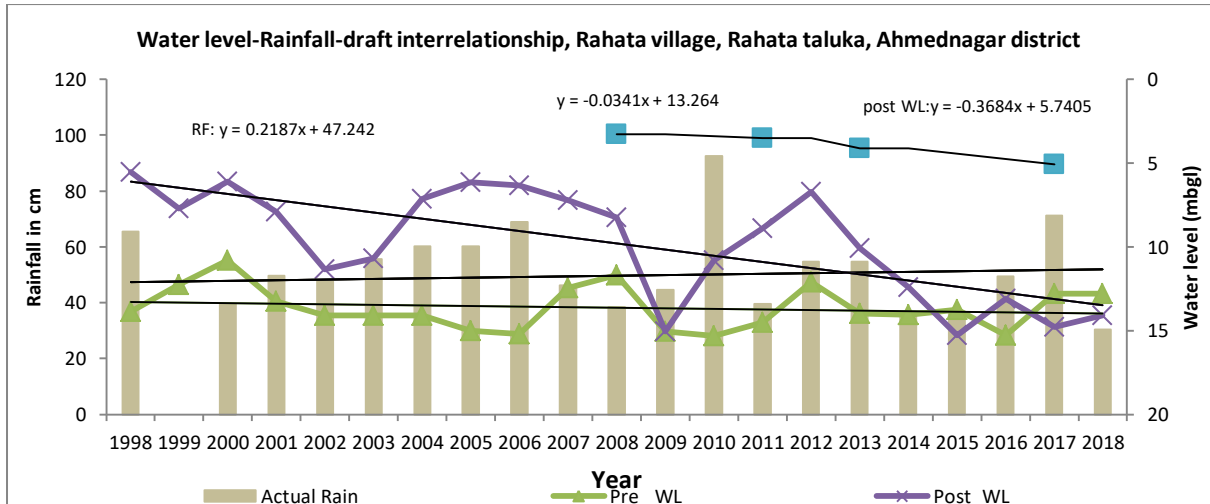


Fig-33: Composite hydrograph of GWMW at Rahata village, Rahata taluka, Ahmednagar district.

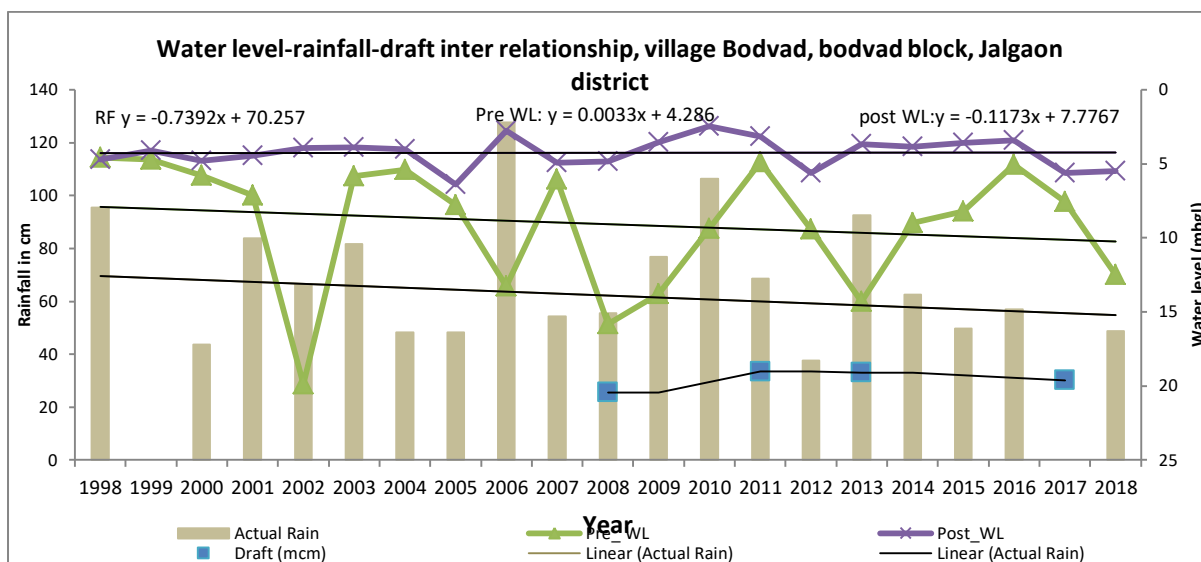


Fig-34: Composite hydrograph of GWMW at Bodvad village, Bodvad taluka, Jalgaon district.

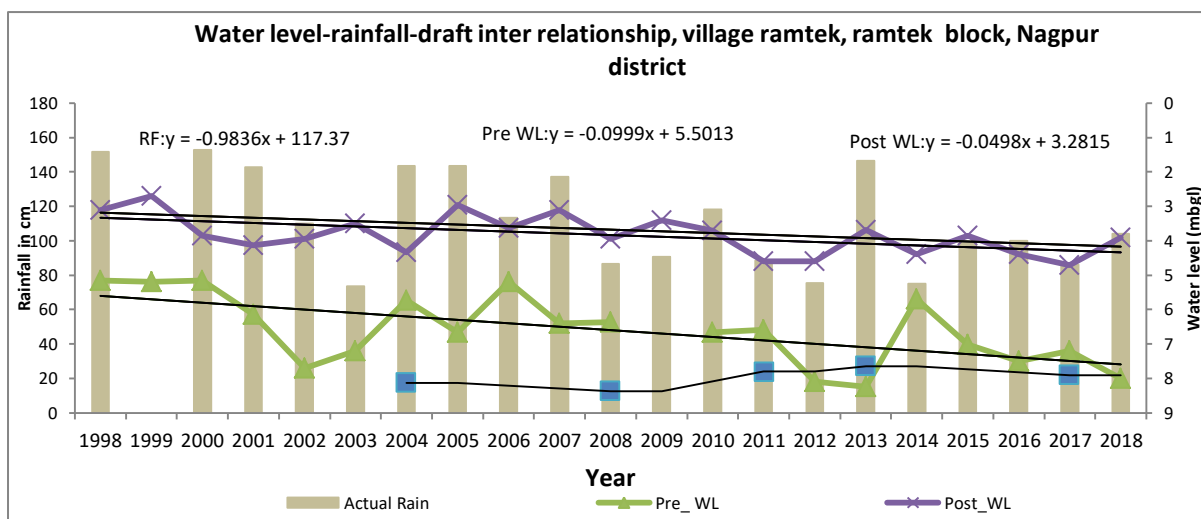


Fig-35: Composite hydrograph of GWMW at Ramtek village, Ramtek taluka, Nagpur district.

9. GROUND WATER QUALITY

The concentrations of various gases and ions dissolved in water, from the atmosphere, soil, minerals and rocks with which it comes into the contact through its itinerary, are the characteristics of water. This ultimately determines the quality of ground water. The concentration of CO_3^{2-} , HCO_3^- , OH^- and H^+ ions and dissolved CO_2 gases in water decides the acidic or basic nature of water while the salts of ions like Ca^{2+} and Mg^{2+} in water makes it soft or hard. Water with high Na^+ and Cl^- concentration can make the water saline. Nitrate ions percolated from anthropogenic sources can become predominant major anion in ground water. The excess fluoride concentration in ground water from fluoride bearing minerals may be related to the concentration of Ca^{2+} , Na^+ and HCO_3^- ions present in ground water. Minimum, maximum and the average values of the chemical parameters analysed in the 1292 ground water samples collected from wells representing shallow aquifer are summarized in Table-9 and data is presented in Annexure-XX.

Table-9: Minimum, Maximum and Average Values of Parameters in Ground Water

Sr. No.	Parameters	Minimum	Maximum	Average
1	pH	5.5	8.5	7.6
2	Electrical Conductivity (EC) $\mu\text{S}/\text{cm}$ @ 25°C	29.0	7976	1091
3	Total Dissolved Solid (TDS) mg/L	15.0	4242	581.3
4	Total Hardness (TH) mg/L	10.0	2494	387.7

Sr. No.	Parameters	Minimum	Maximum	Average
5	Calcium (Ca^{++}) mg/L	2.0	486	64.4
6	Magnesium (Mg^{++}) mg/L	1.0	484.4	54.1
7	Sodium (Na^+) mg/L	1.0	1200	60.8
8	Potassium (K^+) mg/L	0.07	118.2	5.0
9	Carbonate (CO_3^{--}) mg/L	BDL	35	0.15
10	Bi-Carbonate (HCO_3^-) mg/L	12	2314	410.6
11	Chloride (Cl^-) mg/L	1	1460	95.5
12	Nitrate (NO_3^-) mg/L	BDL	48	24.8
13	Sulphate (SO_4^{--}) mg/L	0.0	750	33.8
14	Fluoride (F^-) mg/L	BDL	4.9	0.58

9.1.1 Distribution of pH

The overall range and average value of pH of the ground water samples indicates that the ground water in the State and the U/T of DNH is predominantly alkaline in nature. The pH values also indicate that the CO_2 dissolved in water exists mainly in the form of HCO_3^- while it is also appearing as a CO_3^{2-} in those samples where pH is more than 9.0. This is also clear from the concentration of HCO_3^- and CO_3^{2-} ions in the ground water. Under the natural condition, the pH of ground water is usually found in the range of 6.5 to 8.5. However, low pH (<6.5) or high pH (>8.5) found in the ground water may be due to the availability or lack of CO_2 in environment in which the water is existing. Sometimes, it may also be due to the percolation of strongly acidic or alkaline wastewater from anthropogenic sources to groundwater. Lower pH values (< 6.5) were found in few ground water samples collected from Sindudurg (Phonda, Kasal, Vengurla, Shirgaon, Kudal, Phanasgaon, Vagothan, Adali, Narange, Kunkaule, Wareri, Sasole, Amboli-1, Sindhudurg RH, Achirne, Wada, Pimpleshwar) and Ratnagiri (Rajapur, Dapoli, Oni, Jalgaon, Dugvay, Karanjani, Muchari, Abloli, Vaked, Karanjari, Devrukh, Talsure, Mandki, Chafe Katalwadi, Gawane, Shirgaon, Dhartale, Varewadi) and Thane (Pimpleshwar) districts of the state.

9.1.2 Distribution of Electrical Conductivity (EC) and Total Dissolved Solids (TDS)

The measurement of EC of water gives an idea about the ions concentration in the water. As the concentration of dissolved ions increases, the water becomes more conductive and also shows rise in TDS values. EC and TDS are interrelated as mostly inorganic substances are dissolved in ground water. The TDS is computed as sum of ions concentration in ground water. It is also an important parameter to assess the quality of water. The distribution of EC and TDS in ground water of the State and U/T OF DNH is shown in **Plate-XXV** and **Plate- XXVI** respectively.

The average values of EC of the samples suggest that the groundwater in the monitoring wells is fresh in nature. From the Plate- XXVI, it is observed that the EC of ground water of shallow aquifer in majority of the areas of the state is well within the maximum permissible limits as prescribed by BIS, i.e. below 2000 $\mu\text{S}/\text{cm}$. In western part of Maharashtra especially in western coastal tract of the State, EC in the ground water is less than 500 $\mu\text{S}/\text{cm}$ at 25°C and TDS is also less than 500 mg/L in the districts of Sindhudurg, Ratnagiri and Kolhapur. This is due to the physiographical, climatic and hydrogeological conditions existing in the area. This area is mainly hilly and receives maximum rainfall in the State and is covered by porous laterite capping over Basalts. Due to steep gradient existing in the area, the ground water gets minimum residence time and the flushing of aquifer is regularly ongoing phenomenon due to heavy rainfall. The high values of TDS in few wells from Raigarh district may probably be due to the tidal influence of sea water on the wells. The low TDS in groundwater in some parts of Marathwada and Vidarbha is mainly in the hilly and forest area.

The average values of TDS of the samples suggest that the groundwater in the monitoring wells is fresh in nature. From the **Plate- XXVI**, it is observed that the TDS of ground water of shallow aquifer in majority of the areas of the state is well within the maximum permissible limits as prescribed by BIS, i.e. below 2000 mg/L. It is also seen that in the plain area of Maharashtra

especially in Western Maharashtra, Marathwada and parts of Vidarbha, the TDS of ground water lies mainly in the range of 500–2000 mg/L with some pockets having TDS more than 2000 mg/L. Major parts of Ahmednagar, Akola, Aurangabad, Buldhana, Dhule, Hingoli, Jalna, Nandurbar, Nasik, Nandurbar, Ratnagiri, Sangli, Satara, Solapur and Thane districts are reported to contain higher TDS (>2000 mg/L) in the ground water samples. In plain areas, the residence time for ground water is more, bringing more ions to groundwater through water rock interaction. The increase in TDS in Marathwada region of Maharashtra may be due to high rate of evapotranspiration in the area as it falls under the rain scarcity zone.

9.1.3 Distribution of Total Alkalinity

The total alkalinity of water is its acid neutralizing capacity and primarily a function of carbonate, bicarbonate and hydroxide content of water. It is expressed in terms of CaCO_3 . The range and average concentration values of carbonate and bicarbonate ions indicate that the alkalinity of ground water is mainly due to the bicarbonate ion. The total alkalinity are more than 600 mg/L is observed in few patches of Ahmednagar, Akola, Amravati, Aurangabad, Beed, Buldhana Chandrapur, Dhule, Gadchiroli, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Mumbai, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Raigad, Ratnagiri, Sangli, Satara, Solapur, Thane, Wardha, Washim and Yavatmal districts. In majority of the areas of the state the total alkalinity is less than 200 mg/L and then the areas where total alkalinity lies in the range of 200-600 mg/L stands second.

9.1.4 Distribution of Total Hardness (TH)

The total hardness (TH) is the sum of calcium (Ca) and magnesium (Mg) concentration expressed in terms of CaCO_3 in mg/L. The carbonate and bicarbonate salts of Ca and Mg give temporary hardness to ground water while a chloride and sulphate salt gives permanent hardness. The distribution of TH in ground water of Maharashtra and U/T OF DNH is given in **Plate-XXVII**. The perusal of plate indicates that in the pockets of the plain areas of Western Maharashtra, Marathwada and parts of Vidarbha, the TH of ground water is more than 600 mg/L. This shows that the concentration of Ca and Mg along with their salts is more in the area. The dissolution of Ca and Mg to high extent from geological sources is ruled out as this area is mainly covered by the basalts. The high concentration of these ions in groundwater may be from anthropogenic sources. However, the high TH in ground water of Purna basin area of Vidarbha is due to the inland salinity problem existing in the area. Out of 1292 samples, Total Hardness of 207 samples is found to be above 600 mg/L in the ground water samples of Ahmednagar, Akola, Amravati, Aurangabad, Beed, Buldhana, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Raigad, Sangli, Satara, Pune, Ratnagiri, Solapur, Thane, Wardha, Washim and Yavatmal districts of the state.

9.1.5 Distribution of Chloride (Cl) and Sulphate (SO_4)

As the State and U/T of DNH are covered mainly by the Basalt, the possibility of Cl and SO_4 in ground water from aquifer material is very low. The distribution of Chloride in the State and U/T of DNH is shown in the **Plate-XXVIII**. It is observed from the plate that the chloride content in the ground water samples of the state & U/T of DNH is well within the desirable limits of chloride concentration as prescribed by Bureau of Indian Standards, i.e. 250 mg/L. Out of 1292 samples, only four samples in the four districts of the state have been found with chloride concentration more than the maximum permissible limits of BIS i.e. 1000 mg/L, viz. Aurangabad (1), Dhule (1), Satara (1) and Ratnagiri (1) sample. The sulphate concentration in 99% samples was within the acceptable limit and only around 1 % of case (6 samples) it was within the permissible limit. In one water sample, the SO_4 concentration was found to be more than the permissible limit in village Wayala (750) of Akola district. The average value of Cl and SO_4 in the Table-9 also shows that the potability of ground water is less affected due to these ions.

9.1.6 Distribution of Nitrate (NO₃)

Under natural geochemical condition, the nitrate rarely becomes a major ion in the ground water. But the nitrate content in the ground water of the State and U/T of DNH indicates that it has become a major ion in ground water. The average nitrate content in ground water of the state during the reporting period i.e. May 2018 is 24.8 mg/L. However maximum NO₃ content found in the ground water is 48 mg/L in Dhule (Pimpalner and Dhavda) and Latur (Walandi) districts of the state. The wells with more than 45 mg/L NO₃ concentration spread in parts of the State and U/T of DNH is shown in **Plate-XXIX**. The domestic waste, wastewater and sewage in the urban and rural part of the State and U/T of DNH may help NO₃ to percolate in ground water.

9.1.7 Distribution of Fluoride (F)

The range of concentration of fluoride shows that it is present up to 4.93 mg/L in certain parts of the State, but in general, the concentrations of fluoride in shallow basaltic aquifer is low. The wells having concentrations of fluoride more than 1.5 mg/L in State are given in Table 10 and **PLATE-XXX**. The source of fluoride in ground water is inherent fluoride bearing minerals present in the geological formation existing in the area.

Table-10: High Fluoride in Groundwater (F> 1.5 mg/L)

S. No	District Name	Site Name	Old Site ID	Fluoride F (mg/L)
1	Ahmednagar	Walvad	K/AH-022	2.07
2	Ahmednagar	Ghargaon	K/AH-107	1.56
3	Amravati	Pimpri	G/AV-044	1.71
4	Amravati	Khirgavhan	T/AV-159	1.72
5	Amravati	Wadner gangai	T/AV-102	1.98
6	Amravati	Khanapur	G/AV-041	2.25
7	Beed	Pithi	G/BD-017	2.25
8	Beed	Doithana	G/BD-023	1.51
9	Beed	Patrud-1	G/BD-065	1.51
10	Beed	Nandur Phata	G/BD-068	4.36
11	Beed	Dindrur-1	G/BD-079	2.28
12	Bhandara	Shrinagar	G/BH-033	1.94
13	Bhandara	Pagora	G/BH-038	2.21
14	Bhandara	Paunarkhairi	G/BH-042	3.26
15	Buldhana	Hatedi	G/BL-043	2.43
16	Chandrapur	Kawadsi	G/CH-013	1.99
17	Chandrapur	Chichpalli	G/CH-021	4.00
18	Chandrapur	Nandegur	G/CH-025	1.59
19	Chandrapur	Bhimni	G/CH-032	2.47
20	Chandrapur	Ghugus	G/CH-033	1.58
21	Chandrapur	Sawali	G/CH-034	4.93
22	Chandrapur	Wahangaon	G/CH-040	2.84
23	chandrapur	Jambhulghat	G/CH-048	2.13
24	Chandrapur	Alesur	G/CH-061	3.46
25	Chandrapur	Sakhri	G/CH-062	3.47
26	Chandrapur	Navegaon-1	G/CH-068	3.65
27	Chandrapur	Rajura-1	G/CH-069	2.44
28	Chandrapur	Wansadi-1	G/CH-072	2.20
29	Chandrapur	Tumdi Menda	G/CH-076	2.21
30	Chandrapur	Pombhurna	G/CH-081	1.87
31	Chandrapur	Awarpur	G/CH-083	1.56
32	Chandrapur	Wandhali-1	G/CH-091	3.16
33	Chandrapur	Anandwan	G/CH-092	2.08
34	Chandrapur	Aksapur	G/CH-017	3.26
35	Chandrapur	Ralegaon-1	G/CH-090	4.14

S. No	District Name	Site Name	Old Site ID	Fluoride F (mg/L)
36	Dhule	Dhamnar	T/DH-053	1.69
37	Gadchiroli	Repanpalli	G/GD-004	1.80
38	Gadchiroli	Yelgur Tola	G/GD-019	1.65
39	Gadchiroli	Nandigaon	G/GD-032	1.84
40	Hingoli	Hingoli-1	G/HN-045	1.52
41	Jalna	Sukhapuri-1	G/JL-070	1.51
42	Jalna	Yenora-Dhanora	G/JL-073	1.90
43	Jalna	Baranjala Lokhande	G/JL-077	1.74
44	Nagpur	Khat	G/NG-030	2.22
45	Nagpur	Ramdaspath	G/NG-035	2.49
46	Nagpur	Hanuman nagar	G/NG-066	1.67
47	Nanded	Gokunda (Kinwat)-1	G/ND-067	1.56
48	Nanded	Wadgaon (kh)	G/ND-068	4.91
49	Nanded	Biloli-1	G/ND-073	2.18
50	Osmanabad	Tuljapur-3	K/OS-065	1.77
51	Parbhani	Karegaon	G/PB-051	1.58
52	Parbhani	Loni	G/PB-054	2.14
53	Solapur	Nagaj	K/SH-011	1.73
54	Solapur	Manegaon	K/SH-070	1.52
55	Solapur	Soregaon	K/SH-072	1.61
56	Solapur	Dharpuri	K/SH-079	1.51
57	Solapur	Madha	K/SH-100	1.60
58	Solapur	Bhosre	K/SH-102	1.78
59	Yavatmal	Sangwi Rly	G/YT-117	2.99

9.2 SUITABILITY OF GROUND WATER FOR DRINKING PURPOSE

The suitability of ground water for drinking purpose is determined keeping in view the effects of various chemical constituents in water on the biological system of human being. Though many ions are very essential for the growth of human beings, but when present in excess, have an adverse effect on human body. The standards proposed by the Bureau of Indian Standards (BIS) for drinking water (IS-10500-91, Revised 2003) were used to determine the suitability of ground water for drinking purpose. The overall classification of ground water samples falling below desirable limit (<DL), in the range of desirable and maximum permissible limit (DL-MPL) and above maximum permissible limit (MPL) for drinking water purpose is shown in Table-11 and graphical representation is shown in **Figure-36** while the district wise classification for the same is presented in **Annexure-XXI**. District wise minimum value, maximum values and average value of each parameter have also been prepared and presented in **Annexure-XXII**.

A perusal of Table-11 shows that 3.3 % of samples are having the concentration of NO_3 more than MPL. Overall, it is clear from the Table-11 that the potability of groundwater in the monitoring wells is mainly affected by TH followed by Mg. However, if other parameters are considered, the ground water is potable in almost all parts of Maharashtra and U/T OF DNH barring few places.

Table-11: Classification of Ground Water Samples as per BIS Drinking Water Standards

Parameter	Drinking water Standards (IS-10500-12)		Total Samples	Samples < DL		Samples between DL and MPL		Samples > MPL	
	DL	MPL		Total Samples	%	Total Samples	%	Total Samples	%
pH	6.5-8.5	-	1292	0	0.0	1256	97.2	36	2.8
TDS	500	2000	1292	678	52.6	581	45.0	33	2.6
TH	300	600	1292	546	42.3	539	41.7	207	16.0
Ca (mg/L)	75	200	1292	940	72.8	332	25.7	20	1.6

Parameter	Drinking water Standards (IS-10500-12)		Total Samples	Samples < DL		Samples between DL and MPL		Samples > MPL	
	DL	MPL		Total Samples	%	Total Samples	%	Total Samples	%
Mg (mg/L)	30	100	1292	451	34.9	692	53.6	149	11.5
Cl (mg/L)	250	1000	1292	1210	92.7	78	6.0	4	0.3
SO ₄ (mg/L)	200	400	1292	1283	99.3	8	0.62	1	0.08
NO ₃ (mg/L)	45	No relax	1292	1251	96.8	-	-	41	3.2
F (mg/L)	1	1.5	1292	1084	83.9	149	11.5	59	4.6

DL-Desirable Limit, MPL-Maximum Permissible Limit.

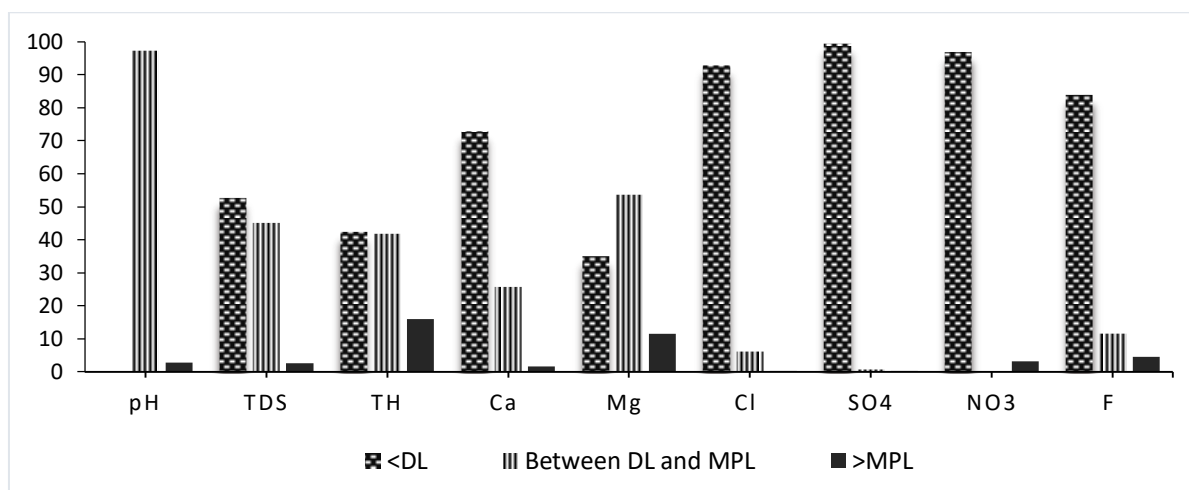


Figure-36: Percentage Distribution of Ground Water Samples as per BIS Drinking Water Standards.

9.3 SUITABILITY OF GROUND WATER FOR IRRIGATION PURPOSE

The water used for irrigation is an important factor in productivity of crop, its yield and quality. The quality of irrigation water depends primarily on the presence of dissolved salts and their concentrations. The Electrical Conductivity (EC), Sodium Absorption Ratio (SAR) and Residual Sodium Carbonate (RSC) are the most important quality criteria, which influence the water quality and its suitability for irrigation.

Electrical Conductivity (EC)

The concentration of dissolved ions in the water is best represented by the parameter electrical conductivity. The classification of water for irrigation based on the EC values is as follows.

Low Salinity Water (EC: 100-250 $\mu\text{S/cm}$): This water can be used for irrigation with most crops on most soils with little likelihood that salinity will develop.

Medium Salinity Water (EC: 250 – 750 $\mu\text{S/cm}$): This water can be used if moderate amount of leaching occurs. Plants with moderate salt tolerance can be grown in most cases without special practices for salinity control.

High Salinity Water (EC: 750 – 2250 $\mu\text{S/cm}$): This water cannot be used on soils with restricted drainage. Even with adequate drainage, special management for salinity control may be required and plants with good salt tolerance should be selected.

Very High Salinity Water (EC: >2250 $\mu\text{S/cm}$): This water is not suitable for irrigation under ordinary condition. The soils must be permeable, drainage must be adequate, irrigation water must be applied in excess to provide considerable leaching and very salt tolerant crops should be selected.

It is clear from the Table -12 that maximum number of samples fall under the category of medium and high salinity water while nearly 9.1% of samples fall under low salinity water and 7.3% of samples in very high salinity water. This shows that the ground water in the pre-monsoon season from shallow aquifer in the State and U/T of DNH should be used for irrigation with proper soil and crop management practices.

Table-12: Classification of Ground water for Irrigation based on EC values

Sr.	Water Quality Type	EC in $\mu\text{S/cm}$	No. of samples	% of samples
1	Low Salinity Water	< 250	118	9.1
2	Medium Salinity Water	250-750	372	28.8
3	High Salinity Water	>750-2250	707	54.7
4	Very High Salinity Water	> 2250	95	7.3
Total			1292	100

Sodium Adsorption Ratio (SAR)

Since Calcium and Magnesium will replace Sodium more readily than vice versa, the ratio reflects the Sodium hazard. The SAR indicates the relative activity of the Sodium ions in exchange reactions with the soil. Irrigation water with a high SAR will cause the soil to tighten up. The Sodium Adsorption Ratio (SAR) is defined by the following equation:

$$\text{Sodium Absorption Ratio} = \frac{\text{Na}^+}{\left[\frac{(\text{Ca}^{++} + \text{Mg}^{++})}{2} \right]^{1/2}}$$

(Here, the concentrations of cations are expressed in meq/L).

The SAR value is used to calculate the degree to which irrigation water tends to enter into cation exchange section in the soil. The main problem with high sodium concentration is its effect on soil permeability & water irrigation. Sodium also contributes directly to the total salinity of the water and may be toxic to sensitive crops such as fruit trees. The higher value of SAR indicates soil structure damage. The Calculated SAR value of ground water samples Maharashtra and U/T of DNH is shown in Table-13. All the water samples have SAR values 0-10 type (Table 13) and are considered good for irrigation.

Table-13: Classification of Ground water for Irrigation based on SAR values

Sr.	Water Quality Type	SAR Value	Number of Samples	% of Samples
1.	Good	0-10	1292	100
2.	Good to permissible	10-18	0	0
3.	Doubtful	18-26	0	0
4.	Bad (Unsuitable)	>26	0	0
Total			1192	100

Residual Sodium Carbonate (RSC):

Residual Sodium Carbonate (RSC) is considered to be superior to SAR as a measure of sodality particularly at low salinity levels. Calcium reacts with bi-carbonate and precipitate as CaCO_3 . Magnesium salt is more soluble and so there is less tendency for it to precipitate. When Calcium and Magnesium are lost from the water, the proportion of Sodium is increased resulting in the increase in sodium hazard. This hazard is evaluated in terms of RSC.

$$\text{Residual Sodium Carbonate} = (\text{CO}_3^{--} + \text{HCO}_3^-) - (\text{Ca}^{++} + \text{Mg}^{++})$$

(Here all the ionic concentrations in the above equation are expressed in meq/L).

The classification of ground water samples based on RSC values for its suitability for irrigation purpose is shown in Table-14.

Table-14: Classification of Ground water for Irrigation based on RSC values.

Sr.	Water Quality Type	RSC values (meq/L)	Total Samples	No. of samples	% of samples
1.	Good	< 1.25	1292	1065	82.4
2.	Doubtful	1.25-2.50	1292	127	9.8
3.	Bad (Unsuitable)	> 2.50	1292	100	7.7
Total				1292	100

From the **Table-14**, it is observed that 82.4% of the ground water samples show RSC values less than 1.25 meq/L indicating that the ground water of the area is good for irrigation. Overall, the ground water quality of Maharashtra and U/T of DNH is suitable for irrigation purpose based on above study.

10 CONCLUSION AND RECOMMENDATIONS

10.1 Conclusion

Monsoon 2018, Deficient to Normal monsoon rainfall was received in most of districts of Konkan, Madhya Maharashtra, and Vidarbha region except Marathwada region where many districts received deficient monsoon rainfall.

During pre-monsoon 2018, about 68 % of the wells are showing depth to water level in the range of 0 -10 mbgl and during post-monsoon 2018, about 81 % of the wells show depth to water level in the range of 0-10 mbgl.

Annual water level fluctuation during pre-monsoon season, 48 % of the wells in the state show fall in water level while in post-monsoon season 67 % of the wells show fall in water level.

Decadal mean water level of 2008-2017 with respect to May 2018, 51% of the wells show fall in water level whereas area occupying 76 % of the wells show fall in water level when compared with decadal mean water level with respect to November 2018.

10.2 Recommendations

- 1) The major part of the Maharashtra & UT of DNH is covered by basaltic formation where ground water conditions are highly localized, aquifer extent is limited, any further ground water development to meet drinking water requirement can be implemented on village to village basis. There exists scope for tapping the deep aquifer through bore well in the depth range of 45-100 mbgl for drinking water supply. Dug wells may be constructed down to the depth of 20 m, economically and hydro geologically viable depth for open wells so as to tap the weathered, fractured and jointed parts of basalt formation. A dug well is the most appropriate abstraction structure, because of limited yield potential of the formation, as it can be constructed of large dimensions that can have a large storage capacity. The diameter of the well can be 3.5 to 6.5 m.
- 2) Existing dry dug wells in the trap area are of shallow depth and these can be revitalized by converting them to dug-cum-bore wells.

- 3) The stage of ground water development in the area occupied by crystalline formations of Archaean age in parts of Bhandara, Chandrapur, Gadchiroli, and Nagpur districts is less as compared to other parts of Vidarbha region. To improve the yield potential of the irrigation wells, considering the weathered thickness and local hydrogeology, construction of large diameter wells (> 6 m) is recommended.
- 4) Areas where the stage of ground water development is less than 50 % and long-term water level trend is rising and areas having shallow water level (< 10.0 mbgl) in pre-monsoon are favorable locations for ground water development. However, further ground water development is to be done in a judicious manner and shall be coupled with ground water augmentation efforts to have longer sustainability. Simultaneously, to have better water use efficiency, advance irrigation practices also need to be promoted in the area.
- 5) Ground water regulation needs to be imposed in the over exploited, critical and semi critical watersheds / talukas and further ground water development may be avoided for irrigation and other purposes, except for drinking water. Ground water conservation and augmentation measures at large scale, considering the surplus source water availability, must be taken up to increase recharge period beyond the monsoon by artificial means. Besides this micro irrigation must be promoted/ made mandatory in these areas to obtain maximum water use efficiency and also to reduce load on ground water regime.
- 6) For drought-prone and other water scarcity areas, the catchment treatment measures involving nala bunding, gully plugging, contour trenching, percolation tanks, underground Bandharas, cement nala bunds, KT Weir and dugwell recharge techniques are recommended. It has proved their usefulness in augmenting recharge to phreatic aquifers. Special techniques developed by the State Govt. to enhance the aquifer potential, like bore well blasting, hydro-fracturing, fracture sealing cementation etc. have also been found effective in the case of deeper aquifers and areas underlain by hard and massive basalt. Therefore, there is immediate need to take up such measures on large scale to enhance the ground water potential of hard rock aquifer.
- 7) Future ground water development in other areas must be coupled with ground water augmentation and adaptation of micro irrigation.
- 8) In saline tract of Purna alluvial basin which spreads over around 2700 sq km in parts of Amravati, Akola and Buldhana districts, the salinity of ground water seems to be related with geological set up of the area i.e., constitution of the aquifer's material, their spatial geometry and restricted movement of ground water in it because of poor transmissivity of the aquifer. The aquifer material and geometry cannot be modified by artificial means and only the movement of ground water can be hydraulically accelerated. Therefore, in order to do so, the following suggestions are made.
 - Hydraulic measure by way of pumping saline ground water along and immediately across the Purna & other rivers will accelerate the ground water movement in the saline tract due to induced head difference and allow the fresh water to enter into the aquifer. To avoid any adverse effect on environment especially on the downstream side, pumping should be restricted to monsoon period only so that the saline water is mixed with river fresh water and finally transported to the sea.
 - Water conservation structures in the recharge area (in the northern part of the basin and on the periphery of the saline tract) may be taken to augment fresh ground water resources. This will improve the ground water availability in the area and also push the saline water further towards the saline tract. By doing so, the possibility of the encroachment of salinity in fresh water area due to over pumping will also be reduced.

- In order to meet the demand of domestic water, the ground water having EC value of 2000 to 4000 $\mu\text{S}/\text{cm}$ may be blended with fresh water in proper proportion and can be supplied at particular times to meet the domestic needs of the area. Similarly, in critical areas/villages, where the ground water is highly saline, community solar desalination plants may be installed to meet the drinking water demand.
 - In the central part of the basin, few old river courses (buried channels) and river terraces are found. These channels provide fresh water in the saline tract of the basin e.g. the dug well located at village Hingni 4 km west of Dahihanda village (old Shahnur River channel) and the dug well located on nala bank of village Samda (river terrace) are having fresh water. These old rivers' course and river terraces mainly consist of sand, gravel and pebbles and have fresh water. A series of dug wells may be constructed at proper spacing after considering assessment of the ground water resource to provide fresh water in the surrounding areas at low cost. However, while implementing any water supply scheme in this part of the basin, artificial recharge to augment the ground water aquifer is a must for the sustainability of the scheme. Beside this, considering the limited extent of the aquifer, regulated pumping is recommended in this part of the basin.
- 9) Nitrate pollution has become a major threat to ground water in almost all the cities and towns in the State. This requires special attention and following measures are recommended to be adopted to avoid further deterioration of ground water in the state
- Sewage treatment plant must be installed to ensure the disposal of treated sewage into the drainage. The sewerage must be treated before being dumped into the stream; this would be economically feasible as well easy to operate at village level.
 - If possible, all the nalas carrying domestic sewage must be lined both horizontally and vertically, it may not be cost effective besides there would be a systematic maintenance requirement always.
 - Streams must be kept neat and clean and periodic cleaning of the channel must be done at village level.
 - Proper disposal of solid domestic refuse from the slum & other residential areas and cattle sheds must be ensured.
 - Creation of awareness among the public regarding proper sanitation related health hazards and proper disposal of solid and liquid waste needs to be carried.
- 10) Hydro-chemical studies indicate that the ground water quality is gravely affected in most of the areas (in MIDC areas, Sugar factories etc.). To stop further deterioration of ground water quality in the area and to improve the ground water quality, following measures are suggested.
- Industrial effluent must be mandatory and effectively treated at every industry level itself before disposal.
 - The major factor, which is contributing ground water pollution in the area, is the percolation of industrial effluent and spent wash stored in unlined lagoons, located on the upstream side of the village. To stop further percolation of the industrial effluent and spent wash to ground water, all the lagoons must be properly lined with the leakage proof material.
 - The irrigation with spent wash and polluted ground water along with use of their sludge for agriculture purpose in area adjacent to sugar and allied industries (distilleries) must be stopped as it may have an adverse impact on ground water quality.

- The concentration of various parameters in treated industrial effluent and spent wash is still very high and may affect the ground water quality if percolated. Hence, effective effluent treatment techniques must be adopted to further bring down the concentration of various parameters. The treatment techniques for removal of excess concentration of metals like Fe and Mn in spent wash may also be adopted as these are getting accumulated in ground water after percolation causing severe damage to ground water quality.
- It is difficult to bring back the ground water quality to its original state once it is polluted. Hence, the regular ground water quality monitoring should be carried out in the area by the State and Central agencies involved in pollution control to keep check on ground water quality status in the area and take strict measure to stop the deterioration of ground water quality.
- Artificial recharge of ground water by locating suitable recharge sites/structures on the upstream side of the industries may also help to improve the ground water quality of such areas.

11) Ground water development, augmentation and management perspective issues have been considered and a multi-sector approach is needed. Therefore, all the aspects related to conjunctive use, ground water legislation, involvement of NGO's, women and community participation, mass awareness campaign, selection of appropriate pump sets, adoption of high-tech irrigation systems, changing to low water requirement crops, tissue culture technology etc. play an important role in conserving precious ground water resources.

List of Officers engaged in monitoring work in the State of Maharashtra and Dadra & Nagar Haveli during the Year 2018-2019

Sl. No.	Name of the officer	Designation
CGWB, Central Region, Nagpur		
1.	Dr. B. R. Lamsoge	Senior Hydrogeologist (Scientist-D)
2.	Sh. P. Narendra	Scientist D (GP)
3.	Sh. S.K. Bhatnagar	Scientist D
4.	Sh. Abhay Nivasarkar	Scientist D
5.	Sh. G.M. Londe	Scientist D
6.	Sh. K. P. Dongre	Scientist C
7.	Smt. Nelofar Khan	Scientist B
8.	Dr. R.K. Sharma	Scientist B (Chem)
9.	Smt.Priti Raut	Scientist B
10.	Smt. Anu V.	Scientist B
11.	Ms Athira R.	Scientist B
12.	Sh. Ashwin Atey	Assistant Hydrogeologist
13.	Sh. T. Dinesh Kumar	Assistant Chemist
14.	Sh. Sandip Bhowal	STA (HG)
15.	Sh. V. Venkatesham	STA (HG)
16.	Sh. Puranchand	Chief Draughtsman
17.	Sh. S. B. Paradkar	Draughtsman
18.	Sh. L. S. Navghare	Draughtsman
CGWB, Maharashtra State Unit Office, Pune		
1.	Sh. S.S. Hegde	Scientist D
2.	Ms. Anuradha Bhatia	Scientist D
1.	Sh. S. D. Waghmare	Scientist-B
3.	Ms Catherine Louis	Scientist B
4.	Sh. Junaid Ahmed	Scientist B

List of Drivers/ MTD assisted during monitoring work in the State of Maharashtra and Dadra and Nagar Haveli during the Year 2018-2019

Sl. No.	Name of the officer	Designation
CGWB, Central Region, Nagpur		
1.	Sh. M.G. Warhade	Driver Grade II
2.	Sh. M. M. Lute	Driver Grade II
3.	Sh. S. K. Manohar	Driver Grade II
4.	Sh. R. K. Deshmukh	Driver Grade II
5.	Sh. Santosh Pendor	Driver Grade II
6.	Sh. Vivek Devda	Driver Grade II
7.	Sh. Ganesh Jounjare	Driver Ordinary Grade
8.	Sh. D.G. Rajurkar	Driver Ordinary Grade
9.	Sh. Manish Nardewar	Driver Ordinary Grade
10.	Sh. Kishore G. Kohde	Driver Ordinary Grade
CGWB, Maharashtra State Unit Office, Pune		
1.	Sh. Israil Mohammad	Driver Grade II
2.	Sh D.D. Nandeshwar	Driver Grade II

Annexure I

District-wise Depth to Water Level of unconfined and semi confined aquifers and seasonal Water Level Fluctuation for the Specified Period of all Ground Water Monitoring Wells of Maharashtra and UT of Dadra and Nagar Haveli (2018-19)

S. No	District	Location	Aquifer Type	Water level (mbgl)				Water Level Fluctuation (m)				
				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1	DNH	Chinsda	Unconfined	4.10	1.87	1.90	5.00	2.20	2.23	0.03	-0.9	-3.13
2	DNH	Dapada	Unconfined	5.64	8.90	7.40	9.90	-1.76	-3.26	-1.50	-4.26	-1
3	DNH	Dudhani	Unconfined	13.20	5.70	4.90	8.60	8.30	7.50	-0.80	4.6	-2.9
4	DNH	Khedi Ghodamba	Unconfined	3.86	4.72	4.00	5.70	-0.14	-0.86	-0.72	-1.84	-0.98
5	DNH	Kherdi Kathepada	Unconfined	3.02	2.15	1.00	2.00	2.02	0.87	-1.15	1.02	0.15
6	DNH	Kilvani Sharyapada	Unconfined	8.17	2.79	1.40	-	6.77	5.38	-1.39	-	-
7	DNH	Luhari_Dungaripada	Unconfined	12.84	7.09	2.60	9.90	10.24	5.75	-4.49	2.94	-2.81
8	DNH	Mandoni	Unconfined	9.62	2.60	1.90	2.30	7.72	7.02	-0.70	7.32	0.3
9	DNH	Moolpada	Unconfined	15.91	1.46	0.90	-	15.01	14.45	-0.56	-	-
10	DNH	Naroli-1	Unconfined	4.27	4.13	2.90	5.50	1.37	0.14	-1.23	-1.23	-1.37
11	DNH	Rakhali	Unconfined	6.02	5.71	5.00	6.50	1.02	0.31	-0.71	-0.48	-0.79
12	DNH	Rudana	Unconfined	7.78	2.65	1.50	4.00	6.28	5.13	-1.15	3.78	-1.35
13	DNH	Samarvarni	Unconfined	9.20	8.63	9.50	9.50	-0.30	0.57	0.87	-0.3	-0.87
14	DNH	Shelti	Unconfined	4.11	2.79	1.20	3.00	2.91	1.32	-1.59	1.11	-0.21
15	DNH	Surangi	Unconfined	7.85	10.78	5.40	12.30	2.45	-2.93	-5.38	-4.45	-1.52
16	DNH	Umarkui (Hathpada)	Unconfined	8.36	3.70	0.50	5.90	7.86	4.66	-3.20	2.46	-2.2
17	DNH	Waghchipa	Unconfined	6.93	4.22	1.60	4.60	5.33	2.71	-2.62	2.33	-0.38
18	Ahmednagar	Ambikhalsa	Unconfined	10.05	12.80	10.80	16.80	-0.75	-2.75	-2.00	-6.75	-4
19	Ahmednagar	Arangaon_Pz	Unconfined	10.92	-	-	-	-	-	-	-	-
20	Ahmednagar	Arangaon-3	Unconfined	5.15	8.00	4.60	6.50	0.55	-2.85	-3.40	-1.35	1.5
21	Ahmednagar	Babhuleshwar	Unconfined	4.90	5.60	-	11.59	-	-0.70	-	-6.69	-5.99
22	Ahmednagar	Bambori	Unconfined	8.90	6.20	6.00	6.30	2.90	2.70	-0.20	2.6	-0.1
23	Ahmednagar	Banpimpri	Unconfined	8.52	8.20	8.10	11.15	0.42	0.32	-0.10	-2.63	-2.95
24	Ahmednagar	Baradgaon Sudrik	Unconfined	8.30	4.80	4.00	7.30	4.30	3.50	-0.80	1	-2.5
25	Ahmednagar	Belvandi (Bk)_Pz	Unconfined	18.10	12.80	16.10	14.50	2.00	5.30	3.30	3.6	-1.7
26	Ahmednagar	Bhanas Hivre	Unconfined	3.20	3.70	2.60	2.00	0.60	-0.50	-1.10	1.2	1.7
27	Ahmednagar	Bhandardara	Unconfined	-	2.90	-	1.70	-	-	-	-	1.2
28	Ahmednagar	Bhitkewadi	Unconfined	11.90	5.50	7.00	11.90	4.90	6.40	1.50	0	-6.4
29	Ahmednagar	Bote	Unconfined	7.75	6.30	5.20	7.50	2.55	1.45	-1.10	0.25	-1.2
30	Ahmednagar	Chandanapuri	Unconfined	20.30	21.20	9.10	21.90	11.20	-0.90	-12.10	-1.6	-0.7
31	Ahmednagar	Chas	Unconfined	8.50	9.99	7.20	10.00	1.30	-1.49	-2.79	-1.5	-0.01
32	Ahmednagar	Chichondi Patil	Unconfined	6.30	4.10	3.90	8.50	2.40	2.20	-0.20	-2.2	-4.4
33	Ahmednagar	Chikhale	Unconfined	3.60	7.80	7.20	11.34	-3.60	-4.20	-0.60	-7.74	-3.54
34	Ahmednagar	Dahigaon	Unconfined	5.40	4.60	3.90	5.50	1.50	0.80	-0.70	-0.1	-0.9

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
35	Ahmednagar	Dehre	Unconfined	19.10	10.20	7.10	7.70	12.00	8.90	-3.10	11.4	2.5
36	Ahmednagar	Devlali	Unconfined	4.60	4.70	1.30	4.40	3.30	-0.10	-3.40	0.2	0.3
37	Ahmednagar	Gharghaon	Unconfined	4.40	3.50	2.10	1.70	2.30	0.90	-1.40	2.7	1.8
38	Ahmednagar	Ghodegaon-1	Unconfined	6.10	3.90	3.70	4.50	2.40	2.20	-0.20	1.6	-0.6
39	Ahmednagar	Ghogargaon-1	Unconfined	5.65	10.60	1.10	4.10	4.55	-4.95	-9.50	1.55	6.5
40	Ahmednagar	Ghotan	Unconfined	8.38	5.70	5.20	8.00	3.18	2.68	-0.50	0.38	-2.3
41	Ahmednagar	Hivre Bazar	Unconfined	-	12.40	15.20	11.40	-	-	2.80	-	1
42	Ahmednagar	Jakhangaon	Unconfined	8.70	14.90	11.10	13.50	-2.40	-6.20	-3.80	-4.8	1.4
43	Ahmednagar	Jamkhed	Unconfined	-	6.80	6.85	5.60	-	-	0.05	-	1.2
44	Ahmednagar	Jamkhed-1	Unconfined	7.12	11.30	8.80	13.90	-1.68	-4.18	-2.50	-6.78	-2.6
45	Ahmednagar	Jeur	Unconfined	13.10	7.60	7.30	9.50	5.80	5.50	-0.30	3.6	-1.9
46	Ahmednagar	Jeur1	Unconfined	-	7.60	-	-	-	-	-	-	-
47	Ahmednagar	Kalsubai	Unconfined	-	1.60	-	0.90	-	-	-	-	0.7
48	Ahmednagar	Karanji1	Unconfined	-	-	7.00	6.70	-	-	-	-	-
49	Ahmednagar	Khadki	Unconfined	15.30	18.70	18.20	19.70	-2.90	-3.40	-0.50	-4.4	-1
50	Ahmednagar	Khokar	Unconfined	7.60	4.60	5.00	6.00	2.60	3.00	0.40	1.6	-1.4
51	Ahmednagar	Khosepuri-1	Unconfined	9.50	3.70	3.80	4.50	5.70	5.80	0.10	5	-0.8
52	Ahmednagar	Kokangaon	Unconfined	6.50	8.40	6.70	8.10	-0.20	-1.90	-1.70	-1.6	0.3
53	Ahmednagar	Kokona-1	Unconfined	8.30	8.00	6.92	11.40	1.38	0.30	-1.08	-3.1	-3.4
54	Ahmednagar	Kolpewadi	Unconfined	-	1.15	0.90	10.20	-	-	-0.25	-	-9.05
55	Ahmednagar	Kolwadi	Unconfined	8.43	9.40	4.60	9.10	3.83	-0.97	-4.80	-0.67	0.3
56	Ahmednagar	Kopargaon_Pz	Unconfined	13.90	13.80	11.98	14.00	1.92	0.10	-1.82	-0.1	-0.2
57	Ahmednagar	Kotul	Unconfined	-	23.95	22.00	22.70	-	-	-1.95	-	1.25
58	Ahmednagar	Loni-Pravara Nagar	Unconfined	3.60	4.20	2.60	4.30	1.00	-0.60	-1.60	-0.7	-0.1
59	Ahmednagar	Malharwadi	Unconfined	11.30	11.50	11.30	-	0.00	-0.20	-0.20	-	-
60	Ahmednagar	Mirajgaon_Pz	Unconfined	33.00	33.00	33.00	8.50	0.00	0.00	0.00	24.5	24.5
61	Ahmednagar	Mirajgaon-3	Unconfined	15.67	13.30	11.90	16.20	3.77	2.37	-1.40	-0.53	-2.9
62	Ahmednagar	Nevasa Bk	Unconfined	21.50	28.10	18.70	16.90	2.80	-6.60	-9.40	4.6	11.2
63	Ahmednagar	Parner_Pz	Unconfined	-	7.10	-	6.50	-	-	-	-	0.6
64	Ahmednagar	Pategaon	Unconfined	4.31	7.14	6.90	7.14	-2.59	-2.83	-0.24	-2.83	0
65	Ahmednagar	RahataNEW	Unconfined	12.80	14.10	11.30	12.70	1.50	-1.30	-2.80	0.1	1.4
66	Ahmednagar	Rahuri	Unconfined	12.00	12.00	12.00	12.00	0.00	0.00	0.00	0	0
67	Ahmednagar	Rajur	Unconfined	2.50	2.20	2.80	1.90	-0.30	0.30	0.60	0.6	0.3
68	Ahmednagar	Rajuri_Pz	Unconfined	3.90	5.10	2.92	12.00	0.98	-1.20	-2.18	-8.1	-6.9
69	Ahmednagar	Rakshi	Unconfined	11.70	11.69	-	9.10	-	0.01	-	2.6	2.59
70	Ahmednagar	Ralegaon Siddhi	Unconfined	-	20.50	15.70	20.20	-	-	-4.80	-	0.3
71	Ahmednagar	Rassin	Unconfined	15.00	12.70	11.70	15.00	3.30	2.30	-1.00	0	-2.3
72	Ahmednagar	Sangamner	Unconfined	12.60	9.30	9.00	9.00	3.60	3.30	-0.30	3.6	0.3

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									May-18	Aug. 18	May-18	Nov. 2018
73	Ahmednagar	Shahpur NEW	Unconfined	10.50	5.50	2.10	-	8.40	5.00	-3.40	-	-
74	Ahmednagar	Shani Shingnapur	Unconfined	10.40	5.60	7.20	6.30	3.20	4.80	1.60	4.1	-0.7
75	Ahmednagar	Shirasgaon	Unconfined	11.10	7.10	4.00	11.50	7.10	4.00	-3.10	-0.4	-4.4
76	Ahmednagar	Shrigonda	Unconfined	12.63	12.50	10.40	11.80	2.23	0.13	-2.10	0.83	0.7
77	Ahmednagar	Sonai	Unconfined	4.90	4.52	3.52	4.50	1.38	0.38	-1.00	0.4	0.02
78	Ahmednagar	Supe	Unconfined	9.50	4.20	3.20	6.30	6.30	5.30	-1.00	3.2	-2.1
79	Ahmednagar	Takle-Kazi	Unconfined	11.30	9.10	7.25	9.70	4.05	2.20	-1.85	1.6	-0.6
80	Ahmednagar	Taklibhan-1	Unconfined	9.05	11.10	3.50	12.50	5.55	-2.05	-7.60	-3.45	-1.4
81	Ahmednagar	Takli-Dhogeswar-1	Unconfined	9.30	9.70	10.20	9.00	-0.90	-0.40	0.50	0.3	0.7
82	Ahmednagar	Tambhol	Unconfined	4.30	3.10	14.20	10.70	-9.90	1.20	11.10	-6.4	-7.6
83	Ahmednagar	Vadala Bhairoba	Unconfined	9.50	4.90	4.00	5.20	5.50	4.60	-0.90	4.3	-0.3
84	Ahmednagar	Vadegaon Madhe	Unconfined	7.33	10.50	6.20	10.90	1.13	-3.17	-4.30	-3.57	-0.4
85	Ahmednagar	Wadarwadi	Unconfined	12.39	11.30	7.19	10.80	5.20	1.09	-4.11	1.59	0.5
86	Ahmednagar	Walvad	Unconfined	3.60	7.50	3.80	9.40	-0.20	-3.90	-3.70	-5.8	-1.9
87	Akola	Akola	Unconfined	17.30	15.80	15.00	15.90	2.30	1.50	-0.80	1.4	-0.1
88	Akola	Akot1	Unconfined	23.39	15.00	14.80	23.00	8.59	8.39	-0.20	0.39	-8
89	Akola	Alegaon	Unconfined	6.90	6.70	2.20	0.50	4.70	0.20	-4.50	6.4	6.2
90	Akola	Ambashi	Unconfined	7.90	6.30	2.70	7.00	5.20	1.60	-3.60	0.9	-0.7
91	Akola	Andura1	Unconfined	25.99	23.50	14.30	26.00	11.69	2.49	-9.20	-0.01	-2.5
92	Akola	Babulkhed	Unconfined	21.79	21.79	-	21.00	-	0.00	-	0.79	0.79
93	Akola	Barshi Takli	Unconfined	31.99	12.55	5.10	16.85	26.89	19.44	-7.45	15.14	-4.3
94	Akola	Borgaon Manju	Unconfined	14.90	3.70	12.50	4.05	2.40	11.20	8.80	10.85	-0.35
95	Akola	Chani	Unconfined	13.20	8.10	7.10	10.30	6.10	5.10	-1.00	2.9	-2.2
96	Akola	Chikhwal (Navegaon)_Pz	Unconfined	16.60	6.90	12.00	7.30	4.60	9.70	5.10	9.3	-0.4
97	Akola	Dhaga Phata	Unconfined	32.99	29.80	30.00	30.50	2.99	3.19	0.20	2.49	-0.7
98	Akola	Donad	Unconfined	11.70	9.80	9.10	8.95	2.60	1.90	-0.70	2.75	0.85
99	Akola	Hatola	Unconfined	7.40	3.50	5.10	4.10	2.30	3.90	1.60	3.3	-0.6
100	Akola	Kanheri (Sarap)_Pz	Unconfined	19.60	-	1.65	7.60	17.95	-	-	12	-
101	Akola	Kanheri Gawali_Pz	Unconfined	-	4.50	2.42	-	-	-	-2.08	-	-
102	Akola	Kurankhed	Unconfined	12.99	5.00	13.00	5.00	-0.01	7.99	8.00	7.99	0
103	Akola	Mahan-1	Unconfined	10.80	8.10	9.60	8.35	1.20	2.70	1.50	2.45	-0.25
104	Akola	Mazod	Unconfined	13.99	10.80	13.00	12.30	0.99	3.19	2.20	1.69	-1.5
105	Akola	Murtijapur_Pz	Unconfined	6.90	2.90	6.00	4.10	0.90	4.00	3.10	2.8	-1.2
106	Akola	Murtizapur	Unconfined	12.30	4.41	7.50	5.49	4.80	7.89	3.09	6.81	-1.08
107	Akola	Panaj	Unconfined	25.80	25.00	22.40	24.40	3.40	0.80	-2.60	1.4	0.6
108	Akola	Patsul	Unconfined	10.10	9.00	9.27	9.44	0.83	1.10	0.27	0.66	-0.44
109	Akola	Patur	Unconfined	8.40	2.30	1.20	1.77	7.20	6.10	-1.10	6.63	0.53
110	Akola	Pinjar	Unconfined	12.90	4.20	3.00	4.30	9.90	8.70	-1.20	8.6	-0.1

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									May-18	Aug. 18	May-18	Nov. 2018
111	Akola	Popetkheda	Unconfined	13.80	8.10	12.55	9.30	1.25	5.70	4.45	4.5	-1.2
112	Akola	Raundala	Unconfined	13.90	13.30	13.33	13.00	0.57	0.60	0.03	0.9	0.3
113	Akola	Sasti	Unconfined	13.00	10.40	9.90	11.55	3.10	2.60	-0.50	1.45	-1.15
114	Akola	Telhara	Unconfined	-	23.00	24.00	28.00	-	-	1.00	-	-5
115	Akola	Ugwawadi	Unconfined	-	-	-	25.00	-	-	-	-	-
116	Akola	Ural	Unconfined	13.99	12.70	12.00	12.50	1.99	1.29	-0.70	1.49	0.2
117	Akola	Ural (Bk)_Pz	Unconfined	10.30	9.80	8.30	-	2.00	0.50	-1.50	-	-
118	Akola	Wadegaon	Unconfined	16.99	13.70	16.40	13.70	0.59	3.29	2.70	3.29	0
119	Akola	Wyala	Unconfined	12.30	11.50	12.45	11.60	-0.15	0.80	0.95	0.7	-0.1
120	Amravati	Adhao	Unconfined	7.00	1.40	-	2.50	-	5.60	-	4.5	-1.1
121	Amravati	Amner_old	Unconfined	16.80	14.50	15.80	24.00	1.00	2.30	1.30	-7.2	-9.5
122	Amravati	Amravati_GEC	Unconfined	15.00	10.90	14.00	8.50	1.00	4.10	3.10	6.5	2.4
123	Amravati	Amravati_Gopalnagar	Unconfined	10.90	5.80	3.30	4.80	7.60	5.10	-2.50	6.1	1
124	Amravati	Amravati_RH	Unconfined	6.80	5.40	1.00	4.90	5.80	1.40	-4.40	1.9	0.5
125	Amravati	Amravati_University	Unconfined	7.00	2.40	1.80	3.30	5.20	4.60	-0.60	3.7	-0.9
126	Amravati	Amravati_Wadali-naka	Unconfined	2.90	2.10	1.30	2.70	1.60	0.80	-0.80	0.2	-0.6
127	Amravati	Anjangaon Surji_Pz	Unconfined	24.30	4.90	24.70	25.60	-0.40	19.40	19.80	-1.3	-20.7
128	Amravati	Anjansingi	Unconfined	6.90	7.50	5.70	7.60	1.20	-0.60	-1.80	-0.7	-0.1
129	Amravati	Ashtagaon	Unconfined	7.50	5.70	3.00	6.75	4.50	1.80	-2.70	0.75	-1.05
130	Amravati	Ashti	Unconfined	4.00	4.80	4.00	4.30	0.00	-0.80	-0.80	-0.3	0.5
131	Amravati	Badnera	Unconfined	9.90	6.10	3.40	6.80	6.50	3.80	-2.70	3.1	-0.7
132	Amravati	Behali	Unconfined	9.00	3.40	3.30	4.20	5.70	5.60	-0.10	4.8	-0.8
133	Amravati	Belora	Unconfined	18.80	11.40	4.80	7.50	14.00	7.40	-6.60	11.3	3.9
134	Amravati	Belteki	Unconfined	11.20	10.40	7.30	10.30	3.90	0.80	-3.10	0.9	0.1
135	Amravati	Benoda_Pz	Unconfined	-	8.50	-	7.60	-	-	-	-	0.9
136	Amravati	Bhatkuli-1	Unconfined	5.00	2.90	4.00	2.50	1.00	2.10	1.10	2.5	0.4
137	Amravati	Bhokarbardi	Unconfined	7.80	4.00	1.50	6.90	6.30	3.80	-2.50	0.9	-2.9
138	Amravati	Brahmanwada (Thadi)	Unconfined	14.60	15.00	14.40	15.10	0.20	-0.40	-0.60	-0.5	-0.1
139	Amravati	Chandas	Unconfined	11.80	11.80	11.20	11.60	0.60	0.00	-0.60	0.2	0.2
140	Amravati	Chandur Bazar	Unconfined	25.20	25.80	23.30	24.60	1.90	-0.60	-2.50	0.6	1.2
141	Amravati	Chandur Railway	Unconfined	5.60	4.00	4.10	4.80	1.50	1.60	0.10	0.8	-0.8
142	Amravati	Chicholi	Unconfined	9.70	8.80	7.30	9.40	2.40	0.90	-1.50	0.3	-0.6
143	Amravati	Chikaldara	Unconfined	2.70	1.80	1.30	1.90	1.40	0.90	-0.50	0.8	-0.1
144	Amravati	Chunkhedi	Unconfined	3.20	1.70	-	1.85	-	1.50	-	1.35	-0.15
145	Amravati	Daporil	Unconfined	17.00	13.80	12.00	10.10	5.00	3.20	-1.80	6.9	3.7
146	Amravati	Daryapur-1	Unconfined	19.65	14.10	-	14.30	-	5.55	-	5.35	-0.2
147	Amravati	Devgaon	Unconfined	5.90	4.90	1.60	5.10	4.30	1.00	-3.30	0.8	-0.2
148	Amravati	Dhamangaon (dhamni)	Unconfined	14.50	14.40	14.30	19.30	0.20	0.10	-0.10	-4.8	-4.9

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
149	Amravati	Dhamangaon (Rly)_Pz	Unconfined	7.20	-	4.00	-	3.20	-	-	-	-
150	Amravati	Dhanodi	Unconfined	11.40	7.80	6.30	8.50	5.10	3.60	-1.50	2.9	-0.7
151	Amravati	Dharni-1	Unconfined	10.00	9.10	8.20	8.70	1.80	0.90	-0.90	1.3	0.4
152	Amravati	Dhulghat Road	Unconfined	12.60	12.00	12.50	12.30	0.10	0.60	0.50	0.3	-0.3
153	Amravati	Dilalpur	Unconfined	20.40	22.00	20.00	21.90	0.40	-1.60	-2.00	-1.5	0.1
154	Amravati	Gadegaon1	Unconfined	15.90	15.20	13.40	22.50	2.50	0.70	-1.80	-6.6	-7.3
155	Amravati	Ghat Larki-1	Unconfined	23.00	23.20	21.40	16.50	1.60	-0.20	-1.80	6.5	6.7
156	Amravati	Harisal	Unconfined	10.79	6.20	4.50	6.40	6.29	4.59	-1.70	4.39	-0.2
157	Amravati	Hatru	Unconfined	6.50	3.00	-	4.10	-	3.50	-	2.4	-1.1
158	Amravati	Hiwarkheda	Unconfined	12.40	10.90	10.20	13.32	2.20	1.50	-0.70	-0.92	-2.42
159	Amravati	Jamgaon-1	Unconfined	6.50	2.80	1.80	5.20	4.70	3.70	-1.00	1.3	-2.4
160	Amravati	Jarida	Unconfined	5.40	3.40	-	1.70	-	2.00	-	3.7	1.7
161	Amravati	Jutpani	Unconfined	5.30	4.90	0.90	3.80	4.40	0.40	-4.00	1.5	1.1
162	Amravati	Kalamkhar	Unconfined	3.30	2.10	0.30	2.30	3.00	1.20	-1.80	1	-0.2
163	Amravati	Karajgaon_Pz	Unconfined	11.70	-	3.80	3.30	7.90	-	-	8.4	-
164	Amravati	Karajgaon-1	Unconfined	29.50	22.00	19.00	33.00	10.50	7.50	-3.00	-3.5	-11
165	Amravati	Khadkali	Unconfined	18.00	2.10	0.90	4.00	17.10	15.90	-1.20	14	-1.9
166	Amravati	Khanapur	Unconfined	7.00	5.20	2.90	6.20	4.10	1.80	-2.30	0.8	-1
167	Amravati	Khandukheda	Unconfined	1.30	1.10	-	1.50	-	0.20	-	-0.2	-0.4
168	Amravati	Kharapi	Unconfined	22.00	21.50	19.80	23.10	2.20	0.50	-1.70	-1.1	-1.6
169	Amravati	Khed	Unconfined	7.50	7.00	7.20	7.50	0.30	0.50	0.20	0	-0.5
170	Amravati	Khirgavhan	Unconfined	7.00	7.20	6.10	7.00	0.90	-0.20	-1.10	0	0.2
171	Amravati	Kolkaz	Unconfined	6.70	6.40	4.70	6.30	2.00	0.30	-1.70	0.4	0.1
172	Amravati	Kolwihir_Pz	Unconfined	8.70	5.30	3.30	4.00	5.40	3.40	-2.00	4.7	1.3
173	Amravati	Kurha	Unconfined	7.40	8.40	7.70	6.80	-0.30	-1.00	-0.70	0.6	1.6
174	Amravati	Lawada	Unconfined	8.00	3.30	1.00	2.00	7.00	4.70	-2.30	6	1.3
175	Amravati	Loni	Unconfined	21.70	19.40	18.00	20.90	3.70	2.30	-1.40	0.8	-1.5
176	Amravati	Lontek-1	Unconfined	12.60	3.50	7.40	10.60	5.20	9.10	3.90	2	-7.1
177	Amravati	Mahuli	Unconfined	9.00	4.90	4.30	5.40	4.70	4.10	-0.60	3.6	-0.5
178	Amravati	Mardi	Unconfined	6.39	-	-	5.00	-	-	-	1.39	-
179	Amravati	Moorshi new	Unconfined	2.80	1.90	1.55	1.80	1.25	0.90	-0.35	1	0.1
180	Amravati	Mozari	Unconfined	16.40	15.00	14.10	16.20	2.30	1.40	-0.90	0.2	-1.2
181	Amravati	Nandgaon Khandeshwar	Unconfined	9.00	4.90	1.80	5.40	7.20	4.10	-3.10	3.6	-0.5
182	Amravati	Nandgaon peth	Unconfined	11.30	10.60	7.70	11.80	3.60	0.70	-2.90	-0.5	-1.2
183	Amravati	Nimbhari	Unconfined	5.70	4.90	5.00	4.90	0.70	0.80	0.10	0.8	0
184	Amravati	Pala	Unconfined	10.70	10.40	9.00	11.20	1.70	0.30	-1.40	-0.5	-0.8
185	Amravati	Paratwada-1	Unconfined	7.00	6.50	5.40	6.90	1.60	0.50	-1.10	0.1	-0.4
186	Amravati	Pathrot-2	Unconfined	34.00	35.50	30.50	36.00	3.50	-1.50	-5.00	-2	-0.5

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187	Amravati	Pimpri	Unconfined	5.00	4.40	2.00	5.20	3.00	0.60	-2.40	-0.2	-0.8
188	Amravati	Pohra	Unconfined	4.50	2.80	2.40	3.20	2.10	1.70	-0.40	1.3	-0.4
189	Amravati	Ramgaon	Unconfined	35.00	32.00	-	20.50	-	3.00	-	14.5	11.5
190	Amravati	Rithpur	Unconfined	6.90	5.10	5.10	5.80	1.80	1.80	0.00	1.1	-0.7
191	Amravati	Saiwada	Unconfined	12.30	10.40	8.60	11.30	3.70	1.90	-1.80	1	-0.9
192	Amravati	Samda Kasmpur	Unconfined	4.70	-	3.00	-	1.70	-	-	-	-
193	Amravati	Sategaon-1	Unconfined	35.00	24.50	31.00	19.50	4.00	10.50	6.50	15.5	5
194	Amravati	Sawarkheda	Unconfined	11.20	11.00	8.90	10.40	2.30	0.20	-2.10	0.8	0.6
195	Amravati	Semadoh_Pz	Unconfined	14.50	12.00	7.10	10.60	7.40	2.50	-4.90	3.9	1.4
196	Amravati	Shendurjana Khurd	Unconfined	7.50	6.20	2.50	6.70	5.00	1.30	-3.70	0.8	-0.5
197	Amravati	Shingnapur	Unconfined	11.00	11.50	9.80	11.50	1.20	-0.50	-1.70	-0.5	0
198	Amravati	Shivni1	Unconfined	9.00	3.50	1.00	6.50	8.00	5.50	-2.50	2.5	-3
199	Amravati	Silona	Unconfined	4.00	1.70	1.30	1.30	2.70	2.30	-0.40	2.7	0.4
200	Amravati	Sirasgaon (Kasba)	Unconfined	20.20	22.80	22.00	23.20	-1.80	-2.60	-0.80	-3	-0.4
201	Amravati	Temburkheda1	Unconfined	9.00	7.40	3.50	9.60	5.50	1.60	-3.90	-0.6	-2.2
202	Amravati	Teosa	Unconfined	7.20	3.90	3.40	4.60	3.80	3.30	-0.50	2.6	-0.7
203	Amravati	Tondgaon	Unconfined	21.00	21.10	20.00	18.50	1.00	-0.10	-1.10	2.5	2.6
204	Amravati	Umarkhed-1	Unconfined	12.50	11.00	9.00	11.80	3.50	1.50	-2.00	0.7	-0.8
205	Amravati	Wadala Fatehpur	Unconfined	8.10	2.20	4.10	2.00	4.00	5.90	1.90	6.1	0.2
206	Amravati	Wadgaon (Fattepur)	Unconfined	9.60	8.50	7.20	9.50	2.40	1.10	-1.30	0.1	-1
207	Amravati	Wadner gangai	Unconfined	7.40	7.90	6.00	8.00	1.40	-0.50	-1.90	-0.6	-0.1
208	Amravati	Walgaon	Unconfined	6.30	6.10	4.10	5.90	2.20	0.20	-2.00	0.4	0.2
209	Amravati	Warha_Pz	Unconfined	6.20	5.80	4.50	4.50	1.70	0.40	-1.30	1.7	1.3
210	Amravati	Warud	Unconfined	11.30	10.40	9.50	11.70	1.80	0.90	-0.90	-0.4	-1.3
211	Amravati	Wishroli1	Unconfined	9.80	12.30	10.50	8.50	-0.70	-2.50	-1.80	1.3	3.8
212	Amravati	Yavali_Pz	Unconfined	9.00	8.20	5.60	6.00	3.40	0.80	-2.60	3	2.2
213	Amravati	Yevda	Unconfined	10.30	10.00	7.80	10.20	2.50	0.30	-2.20	0.1	-0.2
214	Aurangabad	Aalandh	Unconfined	12.30	-	6.80	11.10	5.50	-	-	1.2	-
215	Aurangabad	Abad PES polytec	Unconfined	7.30	2.80	0.40	3.90	6.90	4.50	-2.40	3.4	-1.1
216	Aurangabad	Abad Police HQ	Unconfined	8.40	-	7.12	-	1.28	-	-	-	-
217	Aurangabad	Abad PWD RH	Unconfined	13.20	8.70	3.35	6.70	9.85	4.50	-5.35	6.5	2
218	Aurangabad	Abad Vidhyapeeth	Unconfined	11.90	6.70	10.10	12.20	1.80	5.20	3.40	-0.3	-5.5
219	Aurangabad	Ajanta	Unconfined	9.45	5.00	1.19	7.50	8.26	4.45	-3.81	1.95	-2.5
220	Aurangabad	Aurangabad City-Bibi Ka Makbara	Unconfined	12.50	10.00	5.60	12.90	6.90	2.50	-4.40	-0.4	-2.9
221	Aurangabad	Bharadi	Unconfined	8.50	16.80	12.60	13.70	-4.10	-8.30	-4.20	-5.2	3.1
222	Aurangabad	Chauka	Unconfined	9.00	3.40	2.10	5.20	6.90	5.60	-1.30	3.8	-1.8
223	Aurangabad	Dahegaon Bangla	Unconfined	16.00	15.00	14.75	16.20	1.25	1.00	-0.25	-0.2	-1.2
224	Aurangabad	Daulatabad Fort	Unconfined	18.00	13.00	18.12	19.00	-0.12	5.00	5.12	-1	-6

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									May-18	Aug. 18	May-18	Nov. 2018
225	Aurangabad	Dawarwadi	Unconfined	14.90	17.00	15.30	17.80	-0.40	-2.10	-1.70	-2.9	-0.8
226	Aurangabad	Devgaon-1	Unconfined	9.15	8.60	5.13	10.00	4.02	0.55	-3.47	-0.85	-1.4
227	Aurangabad	Digar Pishore_Pz	Unconfined	5.40	5.20	-	4.80	-	0.20	-	0.6	0.4
228	Aurangabad	Fardapur-1	Unconfined	9.20	10.60	-	10.70	-	-1.40	-	-1.5	-0.1
229	Aurangabad	Gangapur-3	Unconfined	11.50	4.00	3.60	6.50	7.90	7.50	-0.40	5	-2.5
230	Aurangabad	Garaj	Unconfined	12.70	12.40	6.05	12.80	6.65	0.30	-6.35	-0.1	-0.4
231	Aurangabad	Ghusneshwar temple	Unconfined	6.80	6.00	5.10	8.70	1.70	0.80	-0.90	-1.9	-2.7
232	Aurangabad	Golegaon Budruk	Unconfined	8.20	8.40	7.85	7.30	0.35	-0.20	-0.55	0.9	1.1
233	Aurangabad	Hasta	Unconfined	13.10	6.80	-	13.70	-	6.30	-	-0.6	-6.9
234	Aurangabad	Hatnur1	Unconfined	-	-	-	12.20	-	-	-	-	-
235	Aurangabad	Jangla Tanda-1	Unconfined	7.10	6.00	-	7.70	-	1.10	-	-0.6	-1.7
236	Aurangabad	Kaigaon	Unconfined	-	6.80	3.50	10.30	-	-	-3.30	-	-3.5
237	Aurangabad	Kannad	Unconfined	17.80	15.00	15.50	17.20	2.30	2.80	0.50	0.6	-2.2
238	Aurangabad	Khuldabad	Unconfined	23.10	18.50	-	14.30	-	4.60	-	8.8	4.2
239	Aurangabad	Kinnal	Unconfined	13.90	8.00	8.12	15.00	5.78	5.90	0.12	-1.1	-7
240	Aurangabad	Pachod-1	Unconfined	17.90	13.40	11.80	18.00	6.10	4.50	-1.60	-0.1	-4.6
241	Aurangabad	Paithan-1	Unconfined	12.90	9.90	-	-	-	3.00	-	-	-
242	Aurangabad	Panchakki-Aurangabad City	Unconfined	8.20	6.60	-	1.00	-	1.60	-	7.2	5.6
243	Aurangabad	Patri	Unconfined	9.60	6.00	2.54	8.10	7.06	3.60	-3.46	1.5	-2.1
244	Aurangabad	Rotegaon	Unconfined	11.50	12.00	12.33	12.70	-0.83	-0.50	0.33	-1.2	-0.7
245	Aurangabad	Shendra	Unconfined	18.00	14.80	8.70	21.60	9.30	3.20	-6.10	-3.6	-6.8
246	Aurangabad	Sillod-3	Unconfined	9.90	4.60	3.20	8.20	6.70	5.30	-1.40	1.7	-3.6
247	Aurangabad	Soyegaon-1	Unconfined	13.90	9.50	9.80	14.70	4.10	4.40	0.30	-0.8	-5.2
248	Aurangabad	Taherpur	Unconfined	8.80	14.00	7.85	6.70	0.95	-5.20	-6.15	2.1	7.3
249	Aurangabad	Tunki	Unconfined	8.50	12.60	6.33	15.75	2.17	-4.10	-6.27	-7.25	-3.15
250	Aurangabad	Vaijapur	Unconfined	8.80	10.50	11.50	14.29	-2.70	-1.70	1.00	-5.49	-3.79
251	Aurangabad	Waghalgaon	Unconfined	9.66	11.30	9.20	8.50	0.46	-1.64	-2.10	1.16	2.8
252	Aurangabad	Walur Tanda	Unconfined	15.60	8.80	12.10	15.40	3.50	6.80	3.30	0.2	-6.6
253	Beed	Ambejogai	Unconfined	3.76	4.80	2.10	7.00	1.66	-1.04	-2.70	-3.24	-2.2
254	Beed	Anandgaon	Unconfined	5.20	11.00	3.60	11.75	1.60	-5.80	-7.40	-6.55	-0.75
255	Beed	Chousala1	Unconfined	-	8.70	6.20	-	-	-	-2.50	-	-
256	Beed	Daskhed	Unconfined	10.87	7.60	6.20	5.80	4.67	3.27	-1.40	5.07	1.8
257	Beed	Dhanora-1	Unconfined	10.30	11.00	8.50	15.00	1.80	-0.70	-2.50	-4.7	-4
258	Beed	Dharmapuri	Unconfined	4.58	4.10	3.60	4.90	0.98	0.48	-0.50	-0.32	-0.8
259	Beed	Dharur-1	Unconfined	10.30	7.60	2.30	10.20	8.00	2.70	-5.30	0.1	-2.6
260	Beed	Dindur-1	Unconfined	18.53	14.80	13.20	20.00	5.33	3.73	-1.60	-1.47	-5.2
261	Beed	Doithana	Unconfined	9.00	8.50	3.60	9.08	5.40	0.50	-4.90	-0.08	-0.58
262	Beed	Dongar Kini-1	Unconfined	10.72	11.00	6.70	11.00	4.02	-0.28	-4.30	-0.28	0

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									May-18	Aug. 18	May-18	Nov. 2018
263	Beed	Gaundara	Unconfined	6.28	7.60	2.50	7.00	3.78	-1.32	-5.10	-0.72	0.6
264	Beed	Georai-1	Unconfined	6.60	6.30	5.90	8.00	0.70	0.30	-0.40	-1.4	-1.7
265	Beed	Ghosapuri	Unconfined	13.50	17.20	10.80	20.00	2.70	-3.70	-6.40	-6.5	-2.8
266	Beed	Jirewadi-1	Unconfined	13.40	12.80	10.20	11.80	3.20	0.60	-2.60	1.6	1
267	Beed	Kalegaon	Unconfined	-	13.00	7.10	13.20	-	-	-5.90	-	-0.2
268	Beed	Kanerwadi	Unconfined	4.15	4.40	2.90	12.29	1.25	-0.25	-1.50	-8.14	-7.89
269	Beed	Kapildhar	Unconfined	5.12	5.83	3.25	6.60	1.87	-0.71	-2.58	-1.48	-0.77
270	Beed	Kasari	Unconfined	-	8.30	18.10	12.60	-	-	9.80	-	-4.3
271	Beed	Khadkhat	Unconfined	15.95	12.60	-	12.60	-	3.35	-	3.35	0
272	Beed	Kinhil	Unconfined	8.90	9.80	6.10	5.20	2.80	-0.90	-3.70	3.7	4.6
273	Beed	Kolegaon	Unconfined	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0	0
274	Beed	Kumbhephal	Unconfined	8.60	7.50	5.50	8.10	3.10	1.10	-2.00	0.5	-0.6
275	Beed	Lokhandi Sawargaon-1	Unconfined	11.67	9.40	2.30	9.40	9.37	2.27	-7.10	2.27	0
276	Beed	Manjalegaon_Pz	Unconfined	30.00	14.20	10.50	14.40	19.50	15.80	-3.70	15.6	-0.2
277	Beed	Manjar Sumbha-1	Unconfined	8.30	-	-	8.80	-	-	-	-0.5	-
278	Beed	Manur	Unconfined	13.00	23.80	23.70	24.33	-10.70	-10.80	-0.10	-11.33	-0.53
279	Beed	Mauj	Unconfined	10.32	7.40	4.90	11.00	5.42	2.92	-2.50	-0.68	-3.6
280	Beed	Nagjhera	Unconfined	10.72	-	-	10.20	-	-	-	0.52	-
281	Beed	Nandur Phata	Unconfined	17.90	6.30	4.10	15.30	13.80	11.60	-2.20	2.6	-9
282	Beed	Naygaon	Unconfined	6.50	5.00	3.30	8.00	3.20	1.50	-1.70	-1.5	-3
283	Beed	Pali	Unconfined	4.15	4.00	4.90	3.70	-0.75	0.15	0.90	0.45	0.3
284	Beed	Parali	Unconfined	9.67	4.50	3.80	6.80	5.87	5.17	-0.70	2.87	-2.3
285	Beed	Patoda	Unconfined	6.20	6.60	5.80	6.70	0.40	-0.40	-0.80	-0.5	-0.1
286	Beed	Patrud-1	Unconfined	14.85	10.30	7.70	15.00	7.15	4.55	-2.60	-0.15	-4.7
287	Beed	Pimpalwandi	Unconfined	2.90	3.90	3.70	4.90	-0.80	-1.00	-0.20	-2	-1
288	Beed	Pithi	Unconfined	11.40	-	3.50	-	7.90	-	-	-	-
289	Beed	Saigaon-1	Unconfined	9.23	11.00	11.00	9.60	-1.77	-1.77	0.00	-0.37	1.4
290	Beed	Sautada	Unconfined	3.63	2.80	1.30	2.40	2.33	0.83	-1.50	1.23	0.4
291	Beed	Sheri Bk	Unconfined	11.20	13.60	10.40	14.40	0.80	-2.40	-3.20	-3.2	-0.8
292	Beed	Shirsadevi	Unconfined	-	18.40	16.50	15.20	-	-	-1.90	-	3.2
293	Beed	Sirsala	Unconfined	7.93	6.85	3.85	-	4.08	1.08	-3.00	-	-
294	Beed	Sirur	Unconfined	12.10	15.10	18.00	15.90	-5.90	-3.00	2.90	-3.8	-0.8
295	Beed	Talni	Unconfined	20.40	4.40	2.60	19.00	17.80	16.00	-1.80	1.4	-14.6
296	Beed	Telgaon	Unconfined	8.65	3.90	2.30	4.40	6.35	4.75	-1.60	4.25	-0.5
297	Beed	Tintarvani-1	Unconfined	4.90	5.30	8.00	6.70	-3.10	-0.40	2.70	-1.8	-1.4
298	Beed	Umapur	Unconfined	-	7.90	5.30	13.79	-	-	-2.60	-	-5.89
299	Beed	Umapur1	Unconfined	-	12.80	10.20	13.80	-	-	-2.60	-	-1
300	Beed	Wadwani	Unconfined	6.38	2.80	2.50	3.30	3.88	3.58	-0.30	3.08	-0.5

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
301	Beed	Waghluj	Unconfined	7.00	13.00	13.00	13.00	-6.00	-6.00	0.00	-6	0
302	Beed	Waguli	Unconfined	16.38	15.80	14.10	21.00	2.28	0.58	-1.70	-4.62	-5.2
303	Bhandara	Adyal_Pz	Unconfined	4.30	2.20	1.10	2.50	3.20	2.10	-1.10	1.8	-0.3
304	Bhandara	Ambadi	Unconfined	7.00	2.50	0.80	3.30	6.20	4.50	-1.70	3.7	-0.8
305	Bhandara	Asgaon	Unconfined	19.00	19.20	-	-	-	-0.20	-	-	-
306	Bhandara	Bhandara	Unconfined	12.00	2.00	5.70	3.00	6.30	10.00	3.70	9	-1
307	Bhandara	Chicholi	Unconfined	8.20	2.90	0.90	6.00	7.30	5.30	-2.00	2.2	-3.1
308	Bhandara	Dahegaon_Pz	Unconfined	7.70	5.30	4.00	5.90	3.70	2.40	-1.30	1.8	-0.6
309	Bhandara	Dahegaon2	Unconfined	8.20	6.10	4.35	6.05	3.85	2.10	-1.75	2.15	0.05
310	Bhandara	Daodipar Khapa	Unconfined	7.40	2.10	0.68	4.08	6.72	5.30	-1.42	3.32	-1.98
311	Bhandara	Dhargaon	Unconfined	11.50	12.00	9.10	12.00	2.40	-0.50	-2.90	-0.5	0
312	Bhandara	Ekodi	Unconfined	8.50	1.50	0.45	1.40	8.05	7.00	-1.05	7.1	0.1
313	Bhandara	Gaimukh	Unconfined	9.70	2.30	0.90	4.00	8.80	7.40	-1.40	5.7	-1.7
314	Bhandara	Gobarwahi	Unconfined	-	1.40	1.00	3.00	-	-	-0.40	-	-1.6
315	Bhandara	Jamb	Unconfined	13.00	5.40	4.45	6.75	8.55	7.60	-0.95	6.25	-1.35
316	Bhandara	Jamnapur	Unconfined	16.00	9.80	11.50	13.00	4.50	6.20	1.70	3	-3.2
317	Bhandara	Kawalewada	Unconfined	9.50	3.30	1.30	7.40	8.20	6.20	-2.00	2.1	-4.1
318	Bhandara	Khair Langi	Unconfined	-	4.60	2.70	5.00	-	-	-1.90	-	-0.4
319	Bhandara	Kharbi	Unconfined	14.00	9.00	8.40	11.60	5.60	5.00	-0.60	2.4	-2.6
320	Bhandara	Koka (Kokha)	Unconfined	17.00	7.00	4.30	12.68	12.70	10.00	-2.70	4.32	-5.68
321	Bhandara	Konda Kosara	Unconfined	9.00	8.70	8.00	9.29	1.00	0.30	-0.70	-0.29	-0.59
322	Bhandara	Lakhandur	Unconfined	6.80	2.30	1.15	3.45	5.65	4.50	-1.15	3.35	-1.15
323	Bhandara	Lakhandur_Pz	Unconfined	7.20	3.10	0.70	7.60	6.50	4.10	-2.40	-0.4	-4.5
324	Bhandara	Lakhani	Unconfined	14.00	9.60	7.25	11.35	6.75	4.40	-2.35	2.65	-1.75
325	Bhandara	Landejhari	Unconfined	13.30	9.80	10.85	10.65	2.45	3.50	1.05	2.65	-0.85
326	Bhandara	Madgi	Unconfined	9.20	3.20	1.72	5.72	7.48	6.00	-1.48	3.48	-2.52
327	Bhandara	Masal	Unconfined	10.40	2.80	1.30	4.00	9.10	7.60	-1.50	6.4	-1.2
328	Bhandara	Murmadi	Unconfined	8.70	1.60	0.90	4.00	7.80	7.10	-0.70	4.7	-2.4
329	Bhandara	Nilaj	Unconfined	15.00	7.30	4.80	8.50	10.20	7.70	-2.50	6.5	-1.2
330	Bhandara	Pagora	Unconfined	10.80	3.60	1.20	6.10	9.60	7.20	-2.40	4.7	-2.5
331	Bhandara	Palandur	Unconfined	12.00	5.00	2.05	7.65	9.95	7.00	-2.95	4.35	-2.65
332	Bhandara	Palari	Unconfined	11.20	2.80	1.25	6.05	9.95	8.40	-1.55	5.15	-3.25
333	Bhandara	Paunarkhairi	Unconfined	6.90	1.80	0.70	2.00	6.20	5.10	-1.10	4.9	-0.2
334	Bhandara	Pauni	Unconfined	3.30	2.30	1.05	3.15	2.25	1.00	-1.25	0.15	-0.85
335	Bhandara	Pitjhari	Unconfined	9.00	8.20	1.00	7.20	8.00	0.80	-7.20	1.8	1
336	Bhandara	Sakoli	Unconfined	13.20	6.00	1.36	7.56	11.84	7.20	-4.64	5.64	-1.56
337	Bhandara	Sakra	Unconfined	12.90	3.60	1.00	7.50	11.90	9.30	-2.60	5.4	-3.9
338	Bhandara	Shrinagar	Unconfined	12.80	6.00	2.60	7.70	10.20	6.80	-3.40	5.1	-1.7

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									May-18	Aug. 18	May-18	Nov. 2018
339	Bhandara	Sihora	Unconfined	6.30	2.30	0.70	3.50	5.60	4.00	-1.60	2.8	-1.2
340	Bhandara	Tumsar Khapa	Unconfined	7.30	2.50	2.55	4.65	4.75	4.80	0.05	2.65	-2.15
341	Bhandara	Usarra	Unconfined	11.50	6.00	6.05	9.35	5.45	5.50	0.05	2.15	-3.35
342	Bhandara	Varti	Unconfined	3.80	2.40	1.38	2.68	2.42	1.40	-1.02	1.12	-0.28
343	Bhandara	Warthi_Pz	Unconfined	3.70	1.40	1.60	2.20	2.10	2.30	0.20	1.5	-0.8
344	Buldana	Ambe Takli	Unconfined	12.99	10.50	8.70	10.70	4.29	2.49	-1.80	2.29	-0.2
345	Buldana	Amdapur	Unconfined	13.60	7.50	6.75	7.75	6.85	6.10	-0.75	5.85	-0.25
346	Buldana	Chikhli_Pz	Unconfined	-	7.00	7.50	-	-	-	0.50	-	-
347	Buldana	Datala-1	Unconfined	13.20	11.15	13.07	10.15	0.13	2.05	1.92	3.05	1
348	Buldana	Deolgaon (Sakarsha)	Unconfined	7.20	7.30	5.00	7.00	2.20	-0.10	-2.30	0.2	0.3
349	Buldana	Deolgaon Mahi	Unconfined	5.00	4.30	2.52	3.92	2.48	0.70	-1.78	1.08	0.38
350	Buldana	Deolgaon Raja	Unconfined	8.30	3.20	2.18	3.95	6.12	5.10	-1.02	4.35	-0.75
351	Buldana	Dhad	Unconfined	7.90	5.75	4.98	6.78	2.92	2.15	-0.77	1.12	-1.03
352	Buldana	Dhamangaon	Unconfined	5.90	4.50	3.17	4.40	2.73	1.40	-1.33	1.5	0.1
353	Buldana	Dighi	Unconfined	24.90	-	23.00	20.17	1.90	-	-	4.73	-
354	Buldana	Dongaon_Pz	Unconfined	22.90	10.00	15.50	18.40	7.40	12.90	5.50	4.5	-8.4
355	Buldana	Dongar Khandala	Unconfined	11.99	6.40	1.85	8.90	10.14	5.59	-4.55	3.09	-2.5
356	Buldana	Garadgaon	Unconfined	9.09	3.00	2.87	8.88	6.22	6.09	-0.13	0.21	-5.88
357	Buldana	Godhnapur	Unconfined	12.59	12.00	10.37	12.65	2.22	0.59	-1.63	-0.06	-0.65
358	Buldana	Hatedi	Unconfined	8.39	3.00	2.17	5.40	6.22	5.39	-0.83	2.99	-2.4
359	Buldana	Jalamb	Unconfined	9.99	9.80	9.45	9.80	0.54	0.19	-0.35	0.19	0
360	Buldana	Jalgaonjamodnew	Unconfined	13.40	15.20	13.00	15.05	0.40	-1.80	-2.20	-1.65	0.15
361	Buldana	Jamod	Unconfined	15.69	15.60	15.70	15.00	-0.01	0.09	0.10	0.69	0.6
362	Buldana	Kalkheda	Unconfined	23.99	23.40	20.00	23.20	3.99	0.59	-3.40	0.79	0.2
363	Buldana	Karwand	Unconfined	4.99	3.80	2.00	4.25	2.99	1.19	-1.80	0.74	-0.45
364	Buldana	Kelwad	Unconfined	6.60	5.20	4.32	6.20	2.28	1.40	-0.88	0.4	-1
365	Buldana	Khamgaon	Unconfined	6.20	3.50	2.72	5.02	3.48	2.70	-0.78	1.18	-1.52
366	Buldana	Khandvi	Unconfined	18.99	17.00	16.15	16.40	2.84	1.99	-0.85	2.59	0.6
367	Buldana	Kingaon Raja	Unconfined	7.30	6.70	3.45	7.50	3.85	0.60	-3.25	-0.2	-0.8
368	Buldana	Kolori	Unconfined	11.89	8.90	6.70	9.33	5.19	2.99	-2.20	2.56	-0.43
369	Buldana	Laohala	Unconfined	9.99	3.80	4.00	-	5.99	6.19	0.20	-	-
370	Buldana	Lokhanda	Unconfined	7.91	7.10	5.85	7.50	2.06	0.81	-1.25	0.41	-0.4
371	Buldana	Lonar1	Unconfined	5.29	4.70	4.90	4.65	0.39	0.59	0.20	0.64	0.05
372	Buldana	Malkapur Pangra	Unconfined	-	12.80	5.00	13.80	-	-	-7.80	-	-1
373	Buldana	Malkapur Pangra_Pz	Unconfined	8.50	4.70	3.85	7.30	4.65	3.80	-0.85	1.2	-2.6
374	Buldana	Malkapur_Pz	Unconfined	18.10	17.20	17.15	17.70	0.95	0.90	-0.05	0.4	-0.5
375	Buldana	Mehkar	Unconfined	15.60	13.90	9.60	11.15	6.00	1.70	-4.30	4.45	2.75
376	Buldana	Mera Kh_Pz	Unconfined	22.80	9.90	8.12	10.30	14.68	12.90	-1.78	12.5	-0.4

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377	Buldana	Mera Khurd	Unconfined	12.10	9.30	6.80	9.35	5.30	2.80	-2.50	2.75	-0.05
378	Buldana	Motala	Unconfined	5.80	4.00	4.25	3.80	1.55	1.80	0.25	2	0.2
379	Buldana	Motala_Pz	Unconfined	5.40	4.40	3.20	5.80	2.20	1.00	-1.20	-0.4	-1.4
380	Buldana	Nandri	Unconfined	11.20	16.00	16.00	15.00	-4.80	-4.80	0.00	-3.8	1
381	Buldana	Nandura-1	Unconfined	16.60	17.00	17.63	17.45	-1.03	-0.40	0.63	-0.85	-0.45
382	Buldana	Naygaon_Pz	Unconfined	6.80	3.80	4.90	5.30	1.90	3.00	1.10	1.5	-1.5
383	Buldana	Padali	Unconfined	7.50	6.00	1.75	7.45	5.75	1.50	-4.25	0.05	-1.45
384	Buldana	Pahurjira	Unconfined	7.99	5.70	7.80	5.70	0.19	2.29	2.10	2.29	0
385	Buldana	Paturda-1	Unconfined	9.99	7.10	6.10	7.00	3.89	2.89	-1.00	2.99	0.1
386	Buldana	Pimpalgaon Devi	Unconfined	7.00	5.90	2.90	6.80	4.10	1.10	-3.00	0.2	-0.9
387	Buldana	Pimpalgaon Raja	Unconfined	16.00	15.10	15.70	15.95	0.30	0.90	0.60	0.05	-0.85
388	Buldana	Rohinkhed	Unconfined	11.60	11.10	-	9.30	-	0.50	-	2.3	1.8
389	Buldana	Rohna	Unconfined	8.50	18.75	3.70	18.45	4.80	-10.25	-15.05	-9.95	0.3
390	Buldana	Sailani	Unconfined	-	2.50	1.80	3.80	-	-	-0.70	-	-1.3
391	Buldana	Savkhed Tejan_Pz	Unconfined	9.10	-	5.35	-	3.75	-	-	-	-
392	Buldana	Shegaon	Unconfined	7.40	5.25	4.45	4.75	2.95	2.15	-0.80	2.65	0.5
393	Buldana	Sindkhed Raja	Unconfined	3.70	3.00	2.45	3.30	1.25	0.70	-0.55	0.4	-0.3
394	Buldana	Sultanpur	Unconfined	9.89	5.40	1.85	6.20	8.04	4.49	-3.55	3.69	-0.8
395	Buldana	Sungaon-1	Unconfined	21.40	17.60	18.87	18.30	2.53	3.80	1.27	3.1	-0.7
396	Buldana	Tarvadi	Unconfined	9.00	10.10	9.65	10.10	-0.65	-1.10	-0.45	-1.1	0
397	Buldana	Tunki New	Unconfined	21.99	21.90	20.00	21.50	1.99	0.09	-1.90	0.49	0.4
398	Buldana	Ubalkhed	Unconfined	10.10	8.10	7.35	9.30	2.75	2.00	-0.75	0.8	-1.2
399	Buldana	Undri	Unconfined	14.99	9.95	7.12	12.95	7.87	5.04	-2.83	2.04	-3
400	Buldana	Wadgaon Tejan_Pz	Unconfined	-	7.50	7.20	8.10	-	-	-0.30	-	-0.6
401	Buldana	Waghul	Unconfined	11.74	11.00	10.90	16.50	0.84	0.74	-0.10	-4.76	-5.5
402	Buldana	Warwand	Unconfined	-	10.30	4.67	10.50	-	-	-5.63	-	-0.2
403	Buldana	Warwat Bakhal-1	Unconfined	17.60	14.80	15.00	14.20	2.60	2.80	0.20	3.4	0.6
404	Chandrapur	Agarjhari	Unconfined	15.10	10.30	7.00	10.90	8.10	4.80	-3.30	4.2	-0.6
405	Chandrapur	Aksapur	Unconfined	6.60	5.00	3.40	5.50	3.20	1.60	-1.60	1.1	-0.5
406	Chandrapur	Alesur	Unconfined	6.50	3.20	4.10	2.80	2.40	3.30	0.90	3.7	0.4
407	Chandrapur	Anandwan	Unconfined	11.00	4.10	1.40	5.30	9.60	6.90	-2.70	5.7	-1.2
408	Chandrapur	Awarpur	Unconfined	8.40	4.70	2.00	5.50	6.40	3.70	-2.70	2.9	-0.8
409	Chandrapur	Balapur (Bk)_Pz	Unconfined	6.75	3.60	0.30	5.60	6.45	3.15	-3.30	1.15	-2
410	Chandrapur	Ballarsha	Unconfined	11.70	7.50	3.00	8.80	8.70	4.20	-4.50	2.9	-1.3
411	Chandrapur	Barwha_Pz	Unconfined	7.60	1.50	0.60	1.50	7.00	6.10	-0.90	6.1	0
412	Chandrapur	Bhadravati	Unconfined	4.20	4.10	2.50	8.50	1.70	0.10	-1.60	-4.3	-4.4
413	Chandrapur	Bhimni	Unconfined	5.80	3.00	0.30	3.50	5.50	2.80	-2.70	2.3	-0.5
414	Chandrapur	Brahmapuri	Unconfined	7.40	4.20	0.80	3.60	6.60	3.20	-3.40	3.8	0.6

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									May-18	Aug. 18	May-18	Nov. 2018
415	Chandrapur	Chandanvahi	Unconfined	5.70	3.20	1.00	3.90	4.70	2.50	-2.20	1.8	-0.7
416	Chandrapur	Chandrapur1	Unconfined	13.00	9.00	5.80	11.00	7.20	4.00	-3.20	2	-2
417	Chandrapur	Chargaon	Unconfined	7.10	6.70	-	4.80	-	0.40	-	2.3	1.9
418	Chandrapur	Chargaon(Dharan)_Pz	Unconfined	9.60	6.30	6.15	7.30	3.45	3.30	-0.15	2.3	-1
419	Chandrapur	Chichpalli	Unconfined	7.80	7.00	6.00	7.30	1.80	0.80	-1.00	0.5	-0.3
420	Chandrapur	Chimur	Unconfined	4.80	3.80	2.50	4.00	2.30	1.00	-1.30	0.8	-0.2
421	Chandrapur	Chora	Unconfined	2.10	9.00	1.10	1.50	1.00	-6.90	-7.90	0.6	7.5
422	Chandrapur	Dabha	Unconfined	3.20	2.30	0.90	2.40	2.30	0.90	-1.40	0.8	-0.1
423	Chandrapur	Gadchandur-1	Unconfined	8.30	4.90	2.50	7.60	5.80	3.40	-2.40	0.7	-2.7
424	Chandrapur	Gadegaon	Unconfined	7.50	-	-	5.00	-	-	-	2.5	-
425	Chandrapur	Ghugus	Unconfined	6.80	4.50	2.00	4.30	4.80	2.30	-2.50	2.5	0.2
426	Chandrapur	Gondpimpri	Unconfined	10.00	-	-	-	-	-	-	-	-
427	Chandrapur	Jambhulghat	Unconfined	6.40	3.60	1.40	4.10	5.00	2.80	-2.20	2.3	-0.5
428	Chandrapur	Jivati	Unconfined	5.10	3.70	1.20	4.60	3.90	1.40	-2.50	0.5	-0.9
429	Chandrapur	Kalmana	Unconfined	8.30	7.60	3.20	8.00	5.10	0.70	-4.40	0.3	-0.4
430	Chandrapur	Kawadsi	Unconfined	8.70	6.50	4.20	6.70	4.50	2.20	-2.30	2	-0.2
431	Chandrapur	Kolara-1	Unconfined	-	6.00	4.50	-	-	-	-1.50	-	-
432	Chandrapur	Kothari	Unconfined	15.50	9.20	3.05	14.00	12.45	6.30	-6.15	1.5	-4.8
433	Chandrapur	Madheri_Pz	Unconfined	8.40	2.50	1.00	3.20	7.40	5.90	-1.50	5.2	-0.7
434	Chandrapur	Mahurli	Unconfined	6.00	2.00	1.10	2.30	4.90	4.00	-0.90	3.7	-0.3
435	Chandrapur	Mangli	Unconfined	12.00	12.00	-	10.00	-	0.00	-	2	2
436	Chandrapur	Meha Bk	Unconfined	9.60	5.70	3.00	6.80	6.60	3.90	-2.70	2.8	-1.1
437	Chandrapur	Mendki	Unconfined	7.70	4.00	2.50	5.10	5.20	3.70	-1.50	2.6	-1.1
438	Chandrapur	Mohadi Mokasa	Unconfined	7.60	3.70	1.50	5.50	6.10	3.90	-2.20	2.1	-1.8
439	Chandrapur	Morwa (WT)_Pz	Unconfined	9.40	7.40	0.60	8.00	8.80	2.00	-6.80	1.4	-0.6
440	Chandrapur	Mul	Unconfined	9.80	4.80	2.00	7.05	7.80	5.00	-2.80	2.75	-2.25
441	Chandrapur	Musad Visapur	Unconfined	15.00	11.70	9.90	12.40	5.10	3.30	-1.80	2.6	-0.7
442	Chandrapur	Nagbhir	Unconfined	6.40	1.10	1.50	3.90	4.90	5.30	0.40	2.5	-2.8
443	Chandrapur	Nagbhir_Pz	Unconfined	6.50	1.05	2.10	2.60	4.40	5.45	1.05	3.9	-1.55
444	Chandrapur	Nandegur	Unconfined	9.10	6.80	5.00	7.50	4.10	2.30	-1.80	1.6	-0.7
445	Chandrapur	Navegaon More	Unconfined	-	3.60	0.30	4.80	-	-	-3.30	-	-1.2
446	Chandrapur	Navegaon-1	Unconfined	5.70	4.50	0.30	4.30	5.40	1.20	-4.20	1.4	0.2
447	Chandrapur	Niphandra	Unconfined	4.00	1.60	0.30	2.10	3.70	2.40	-1.30	1.9	-0.5
448	Chandrapur	Padmapur-1	Unconfined	6.00	3.30	1.10	4.10	4.90	2.70	-2.20	1.9	-0.8
449	Chandrapur	Patan	Unconfined	7.00	4.20	2.00	5.50	5.00	2.80	-2.20	1.5	-1.3
450	Chandrapur	Pombhurna	Unconfined	7.70	3.80	2.00	5.70	5.70	3.90	-1.80	2	-1.9
451	Chandrapur	Rajoli Tukum	Unconfined	5.00	1.20	2.00	2.40	3.00	3.80	0.80	2.6	-1.2
452	Chandrapur	Rajura-1	Unconfined	6.80	4.80	2.00	5.70	4.80	2.00	-2.80	1.1	-0.9

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
453	Chandrapur	Ralegaon-1	Unconfined	9.90	5.60	3.70	7.40	6.20	4.30	-1.90	2.5	-1.8
454	Chandrapur	Rampur	Unconfined	5.55	2.70	2.50	3.25	3.05	2.85	-0.20	2.3	-0.55
455	Chandrapur	Sakhri	Unconfined	5.85	3.50	2.40	4.60	3.45	2.35	-1.10	1.25	-1.1
456	Chandrapur	Salori	Unconfined	5.65	7.80	5.20	7.50	0.45	-2.15	-2.60	-1.85	0.3
457	Chandrapur	Saoli_Pz	Unconfined	5.00	2.00	0.60	2.10	4.40	3.00	-1.40	2.9	-0.1
458	Chandrapur	Sawali	Unconfined	4.80	1.80	0.30	2.30	4.50	3.00	-1.50	2.5	-0.5
459	Chandrapur	Sawargaon	Unconfined	10.05	6.00	2.60	6.50	7.45	4.05	-3.40	3.55	-0.5
460	Chandrapur	Shankarpur	Unconfined	10.25	6.00	1.70	7.60	8.55	4.25	-4.30	2.65	-1.6
461	Chandrapur	Shegaon Khurd	Unconfined	9.20	3.80	1.00	5.70	8.20	5.40	-2.80	3.5	-1.9
462	Chandrapur	Sindewahi	Unconfined	-	-	-	1.80	-	-	-	-	-
463	Chandrapur	Sondo	Unconfined	6.70	5.00	2.80	4.40	3.90	1.70	-2.20	2.3	0.6
464	Chandrapur	Tadali	Unconfined	7.00	1.80	0.10	3.20	6.90	5.20	-1.70	3.8	-1.4
465	Chandrapur	Tambegadi Mendha	Unconfined	8.60	5.40	4.00	6.60	4.60	3.20	-1.40	2	-1.2
466	Chandrapur	Tumdi Menda	Unconfined	5.60	3.60	1.30	8.10	4.30	2.00	-2.30	-2.5	-4.5
467	Chandrapur	Vyahad Khurd	Unconfined	6.55	3.90	3.80	4.45	2.75	2.65	-0.10	2.1	-0.55
468	Chandrapur	Wahangaon	Unconfined	8.40	9.45	-	8.70	-	-1.05	-	-0.3	0.75
469	Chandrapur	Wandhali-1	Unconfined	17.25	14.30	14.20	17.75	3.05	2.95	-0.10	-0.5	-3.45
470	Chandrapur	Wansadi-1	Unconfined	5.15	4.00	2.60	4.30	2.55	1.15	-1.40	0.85	-0.3
471	Chandrapur	Warora-1	Unconfined	9.60	3.80	0.10	7.80	9.50	5.80	-3.70	1.8	-4
472	Chandrapur	Warur Road-1	Unconfined	7.40	6.00	1.20	8.70	6.20	1.40	-4.80	-1.3	-2.7
473	Chandrapur	Watarna_Pz	Unconfined	-	1.80	-	3.60	-	-	-	-	-1.8
474	Chandrapur	Wirur	Unconfined	5.80	4.00	1.80	4.60	4.00	1.80	-2.20	1.2	-0.6
475	Dhule	Ajnale	Unconfined	4.00	-	1.40	6.00	2.60	-	-	-2	-
476	Dhule	Avdhan	Unconfined	8.80	6.10	4.25	5.35	4.55	2.70	-1.85	3.45	0.75
477	Dhule	Boradi	Unconfined	12.00	7.50	12.00	10.10	0.00	4.50	4.50	1.9	-2.6
478	Dhule	Borkund	Unconfined	5.10	4.20	2.50	5.10	2.60	0.90	-1.70	0	-0.9
479	Dhule	Burdi Pada	Unconfined	7.50	4.10	3.00	6.30	4.50	3.40	-1.10	1.2	-2.2
480	Dhule	Chadwel	Unconfined	12.50	5.60	6.60	12.50	5.90	6.90	1.00	0	-6.9
481	Dhule	Charanmal	Unconfined	10.00	2.10	1.00	1.00	9.00	7.90	-1.10	9	1.1
482	Dhule	Chimthane	Unconfined	10.10	10.50	9.95	10.00	0.15	-0.40	-0.55	0.1	0.5
483	Dhule	Dahivel	Unconfined	9.00	6.35	5.90	9.00	3.10	2.65	-0.45	0	-2.65
484	Dhule	Dangurne	Unconfined	7.30	4.35	7.38	7.10	-0.08	2.95	3.03	0.2	-2.75
485	Dhule	Dhamnar	Unconfined	11.00	-	6.90	-	4.10	-	-	-	-
486	Dhule	Dhavda	Unconfined	14.85	11.20	13.90	15.50	0.95	3.65	2.70	-0.65	-4.3
487	Dhule	Dhule	Unconfined	8.80	7.40	7.43	8.00	1.37	1.40	0.03	0.8	-0.6
488	Dhule	Dondaicha-1	Unconfined	10.80	7.15	9.22	10.20	1.58	3.65	2.07	0.6	-3.05
489	Dhule	Dusane	Unconfined	5.85	4.40	7.50	9.10	-1.65	1.45	3.10	-3.25	-4.7
490	Dhule	Hadakhed	Unconfined	7.20	2.55	5.96	7.35	1.24	4.65	3.41	-0.15	-4.8

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									May-18	Aug. 18	May-18	Nov. 2018
491	Dhule	Hisala	Unconfined	20.00	19.20	21.00	21.30	-1.00	0.80	1.80	-1.3	-2.1
492	Dhule	Ichhapur	Unconfined	7.80	6.15	6.47	7.15	1.33	1.65	0.32	0.65	-1
493	Dhule	Kusumba	Unconfined	-	6.80	7.30	7.05	-	-	0.50	-	-0.25
494	Dhule	Laling	Unconfined	10.75	3.55	3.52	8.35	7.23	7.20	-0.03	2.4	-4.8
495	Dhule	Methi	Unconfined	11.80	11.40	7.88	8.90	3.92	0.40	-3.52	2.9	2.5
496	Dhule	Mukti	Unconfined	11.40	7.30	5.19	9.30	6.21	4.10	-2.11	2.1	-2
497	Dhule	Nangaon	Unconfined	3.85	6.30	2.85	4.10	1.00	-2.45	-3.45	-0.25	2.2
498	Dhule	Nardana	Unconfined	6.80	8.20	6.80	8.25	0.00	-1.40	-1.40	-1.45	-0.05
499	Dhule	Narwhal	Unconfined	7.70	3.85	3.38	1.05	4.32	3.85	-0.47	6.65	2.8
500	Dhule	Ner-1	Unconfined	9.35	9.50	9.15	9.45	0.20	-0.15	-0.35	-0.1	0.05
501	Dhule	Nizampur	Unconfined	8.60	5.80	6.70	9.25	1.90	2.80	0.90	-0.65	-3.45
502	Dhule	Palasner	Unconfined	9.00	5.20	6.66	7.10	2.34	3.80	1.46	1.9	-1.9
503	Dhule	Phagne	Unconfined	5.60	5.65	4.52	6.65	1.08	-0.05	-1.13	-1.05	-1
504	Dhule	Pimpalner	Unconfined	3.60	4.20	3.30	3.10	0.30	-0.60	-0.90	0.5	1.1
505	Dhule	Purmepada(pur)	Unconfined	6.00	4.30	6.43	10.25	-0.43	1.70	2.13	-4.25	-5.95
506	Dhule	Sakri2	Unconfined	9.85	6.80	8.86	11.80	0.99	3.05	2.06	-1.95	-5
507	Dhule	Samaryapada	Unconfined	4.50	5.80	3.18	7.10	1.32	-1.30	-2.62	-2.6	-1.3
508	Dhule	Sangivi	Unconfined	7.30	6.35	5.15	5.00	2.15	0.95	-1.20	2.3	1.35
509	Dhule	Saver	Unconfined	11.10	11.60	10.54	8.50	0.56	-0.50	-1.06	2.6	3.1
510	Dhule	Shewade	Unconfined	4.65	7.10	6.55	8.70	-1.90	-2.45	-0.55	-4.05	-1.6
511	Dhule	Sindkheda	Unconfined	17.00	10.10	17.00	10.30	0.00	6.90	6.90	6.7	-0.2
512	Gadchiroli	Allapalli	Unconfined	9.85	6.50	2.50	7.45	7.35	3.35	-4.00	2.4	-0.95
513	Gadchiroli	Armori-1	Unconfined	5.50	1.20	-	1.80	-	4.30	-	3.7	-0.6
514	Gadchiroli	Bamni	Unconfined	6.90	4.80	1.50	4.80	5.40	2.10	-3.30	2.1	0
515	Gadchiroli	Bori	Unconfined	5.15	1.80	5.00	2.20	0.15	3.35	3.20	2.95	-0.4
516	Gadchiroli	Chamorshi	Unconfined	5.50	3.50	1.00	3.20	4.50	2.00	-2.50	2.3	0.3
517	Gadchiroli	Chandona Tola	Unconfined	5.80	2.40	0.70	3.70	5.10	3.40	-1.70	2.1	-1.3
518	Gadchiroli	Chatgaon	Unconfined	8.70	4.50	0.90	5.70	7.80	4.20	-3.60	3	-1.2
519	Gadchiroli	Chaudampalli	Unconfined	6.05	2.40	0.30	3.50	5.75	3.65	-2.10	2.55	-1.1
520	Gadchiroli	Chaurampalli_Pz	Unconfined	6.00	2.30	3.00	3.20	3.00	3.70	0.70	2.8	-0.9
521	Gadchiroli	Delanwadi	Unconfined	3.05	1.80	0.20	1.60	2.85	1.25	-1.60	1.45	0.2
522	Gadchiroli	Dhanora	Unconfined	5.75	4.00	1.40	4.35	4.35	1.75	-2.60	1.4	-0.35
523	Gadchiroli	Elchil	Unconfined	6.85	3.90	-	5.20	-	2.95	-	1.65	-1.3
524	Gadchiroli	Erkar	Unconfined	-	3.50	-	-	-	-	-	-	-
525	Gadchiroli	Gadchiroli	Unconfined	8.20	3.25	0.30	4.95	7.90	4.95	-2.95	3.25	-1.7
526	Gadchiroli	Gewardha	Unconfined	7.10	3.00	1.60	3.20	5.50	4.10	-1.40	3.9	-0.2
527	Gadchiroli	Ghot	Unconfined	8.70	6.50	4.10	6.80	4.60	2.20	-2.40	1.9	-0.3
528	Gadchiroli	Govindgaon	Unconfined	6.50	4.40	1.70	4.95	4.80	2.10	-2.70	1.55	-0.55
529	Gadchiroli	Govindpur	Unconfined	7.80	3.50	1.20	4.60	6.60	4.30	-2.30	3.2	-1.1

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									May-18	Aug. 18	May-18	Nov. 2018
530	Gadchiroli	Itapalli	Unconfined	12.20	5.20	2.20	4.30	10.00	7.00	-3.00	7.9	0.9
531	Gadchiroli	Khondala	Unconfined	12.40	1.80	0.50	-	11.90	10.60	-1.30	-	-
532	Gadchiroli	Konsari	Unconfined	6.70	2.50	0.30	3.05	6.40	4.20	-2.20	3.65	-0.55
533	Gadchiroli	Kurkhera	Unconfined	10.00	2.60	0.80	4.70	9.20	7.40	-1.80	5.3	-2.1
534	Gadchiroli	Lagam	Unconfined	9.50	5.30	-	6.40	-	4.20	-	3.1	-1.1
535	Gadchiroli	Maregaon-1	Unconfined	10.90	6.30	0.90	8.10	10.00	4.60	-5.40	2.8	-1.8
536	Gadchiroli	Mulchera	Unconfined	-	3.45	3.20	5.70	-	-	-0.25	-	-2.25
537	Gadchiroli	Nandigaon	Unconfined	7.85	4.80	1.10	5.55	6.75	3.05	-3.70	2.3	-0.75
538	Gadchiroli	Porla	Unconfined	4.80	2.00	2.30	3.90	2.50	2.80	0.30	0.9	-1.9
539	Gadchiroli	Purada	Unconfined	-	-	-	8.50	-	-	-	-	-
540	Gadchiroli	Rangi	Unconfined	8.00	3.90	1.00	7.00	7.00	4.10	-2.90	1	-3.1
541	Gadchiroli	Repanpalli	Unconfined	11.70	7.70	4.40	7.60	7.30	4.00	-3.30	4.1	0.1
542	Gadchiroli	Shankarpur	Unconfined	7.30	2.30	1.70	4.00	5.60	5.00	-0.60	3.3	-1.7
543	Gadchiroli	Sonsari_Pz	Unconfined	7.00	3.80	-	4.90	-	3.20	-	2.1	-1.1
544	Gadchiroli	Talodhi Rampur	Unconfined	5.70	-	1.00	3.20	4.70	-	-	2.5	-
545	Gadchiroli	Timiram	Unconfined	7.70	-	1.90	5.30	5.80	-	-	2.4	-
546	Gadchiroli	Umanur	Unconfined	11.20	6.70	4.00	7.60	7.20	4.50	-2.70	3.6	-0.9
547	Gadchiroli	Uradi	Unconfined	2.30	1.20	0.80	2.00	1.50	1.10	-0.40	0.3	-0.8
548	Gadchiroli	Vihirgaon Kukdi	Unconfined	-	4.60	2.50	8.10	-	-	-2.10	-	-3.5
549	Gadchiroli	Wadsa	Unconfined	7.00	4.00	0.90	3.35	6.10	3.00	-3.10	3.65	0.65
550	Gadchiroli	Wairagarh	Unconfined	8.00	4.00	1.20	5.95	6.80	4.00	-2.80	2.05	-1.95
551	Gadchiroli	Yelgur Tola	Unconfined	8.70	4.10	2.50	5.70	6.20	4.60	-1.60	3	-1.6
552	Gondia	Amgaon	Unconfined	4.60	1.80	0.35	1.85	4.25	2.80	-1.45	2.75	-0.05
553	Gondia	Arjuni	Unconfined	11.00	4.90	0.80	8.70	10.20	6.10	-4.10	2.3	-3.8
554	Gondia	Asoli	Unconfined	8.30	5.00	2.00	6.50	6.30	3.30	-3.00	1.8	-1.5
555	Gondia	Bondgaon	Unconfined	12.60	2.70	1.50	4.40	11.10	9.90	-1.20	8.2	-1.7
556	Gondia	Dahegaon_Pz	Unconfined	5.60	1.80	-	3.30	-	3.80	-	2.3	-1.5
557	Gondia	Datora_Pz	Unconfined	-	6.50	1.40	10.90	-	-	-5.10	-	-4.4
558	Gondia	Dawwa	Unconfined	11.70	8.00	4.60	10.30	7.10	3.70	-3.40	1.4	-2.3
559	Gondia	Deori-1	Unconfined	6.30	2.30	1.20	3.40	5.10	4.00	-1.10	2.9	-1.1
560	Gondia	Dhabetekdi	Unconfined	10.60	3.10	0.80	4.40	9.80	7.50	-2.30	6.2	-1.3
561	Gondia	Dongargaon	Unconfined	12.50	11.90	4.70	12.80	7.80	0.60	-7.20	-0.3	-0.9
562	Gondia	Dongargaon	Unconfined	12.00	-	-	12.90	-	-	-	-0.9	-
563	Gondia	Dongargaon_Pz	Unconfined	16.00	11.10	30.00	14.30	-14.00	4.90	18.90	1.7	-3.2
564	Gondia	Goregaon	Unconfined	8.20	2.70	1.95	2.85	6.25	5.50	-0.75	5.35	-0.15
565	Gondia	Kalimati	Unconfined	8.20	3.30	1.40	5.40	6.80	4.90	-1.90	2.8	-2.1
566	Gondia	Khamari	Unconfined	10.70	3.40	1.10	5.50	9.60	7.30	-2.30	5.2	-2.1
567	Gondia	Kohemara	Unconfined	10.50	6.00	4.52	8.22	5.98	4.50	-1.48	2.28	-2.22

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568	Gondia	Murdoli	Unconfined	7.70	4.60	2.75	5.45	4.95	3.10	-1.85	2.25	-0.85
569	Gondia	Navegaon	Unconfined	9.10	2.40	1.25	6.55	7.85	6.70	-1.15	2.55	-4.15
570	Gondia	Navegaon II (KHURD)	Unconfined	7.80	4.60	1.25	0.65	6.55	3.20	-3.35	7.15	3.95
571	Gondia	Rajegaon	Unconfined	7.80	3.10	1.00	5.10	6.80	4.70	-2.10	2.7	-2
572	Gondia	Salebardi	Unconfined	15.50	10.10	6.95	15.75	8.55	5.40	-3.15	-0.25	-5.65
573	Gondia	Sangadi	Unconfined	11.70	6.70	2.88	8.68	8.82	5.00	-3.82	3.02	-1.98
574	Gondia	Sarra	Unconfined	5.00	2.10	0.23	2.05	4.77	2.90	-1.87	2.95	0.05
575	Gondia	Sategaon-Sakaritola	Unconfined	6.60	3.40	1.70	3.90	4.90	3.20	-1.70	2.7	-0.5
576	Gondia	Sejgaon	Unconfined	7.60	3.20	1.15	4.55	6.45	4.40	-2.05	3.05	-1.35
577	Gondia	Sondad	Unconfined	6.20	2.90	2.05	3.55	4.15	3.30	-0.85	2.65	-0.65
578	Gondia	Tiroda	Unconfined	9.10	5.00	-	7.50	-	4.10	-	1.6	-2.5
579	Gondia	Tiroda_Pz	Unconfined	6.90	3.50	1.60	5.40	5.30	3.40	-1.90	1.5	-1.9
580	Gondia	Wadegaon	Unconfined	8.50	-	0.80	2.00	7.70	-	-	6.5	-
581	Hingoli	Adgaon	Unconfined	9.70	9.90	1.70	10.50	8.00	-0.20	-8.20	-0.8	-0.6
582	Hingoli	Alegaoon (Old)	Unconfined	11.70	8.90	3.30	10.10	8.40	2.80	-5.60	1.6	-1.2
583	Hingoli	Aral-1	Unconfined	-	18.60	-	20.50	-	-	-	-	-1.9
584	Hingoli	Aundha nagnath	Unconfined	7.85	6.05	5.20	6.50	2.65	1.80	-0.85	1.35	-0.45
585	Hingoli	Babulgaon	Unconfined	7.60	4.10	0.50	9.10	7.10	3.50	-3.60	-1.5	-5
586	Hingoli	Balapur Akhada-1	Unconfined	12.60	10.25	3.00	8.60	9.60	2.35	-7.25	4	1.65
587	Hingoli	Barashiv-1 (Jawla bazar)	Unconfined	8.10	8.20	-	9.90	-	-0.10	-	-1.8	-1.7
588	Hingoli	Basmat Shivar	Unconfined	11.80	4.80	4.60	10.50	7.20	7.00	-0.20	1.3	-5.7
589	Hingoli	Bolda	Unconfined	6.80	7.91	6.00	9.60	0.80	-1.11	-1.91	-2.8	-1.69
590	Hingoli	Chikhli	Unconfined	14.30	-	-	13.85	-	-	-	0.45	-
591	Hingoli	Chondi Amba-1	Unconfined	13.00	9.70	4.20	9.80	8.80	3.30	-5.50	3.2	-0.1
592	Hingoli	Chudawa-1	Unconfined	11.80	5.48	2.00	13.70	9.80	6.32	-3.48	-1.9	-8.22
593	Hingoli	Dongarkada	Unconfined	11.00	6.20	1.30	7.00	9.70	4.80	-4.90	4	-0.8
594	Hingoli	Hatta	Unconfined	11.50	6.30	2.60	7.50	8.90	5.20	-3.70	4	-1.2
595	Hingoli	Hingoli-1	Unconfined	8.00	3.85	1.80	7.75	6.20	4.15	-2.05	0.25	-3.9
596	Hingoli	Hivra	Unconfined	13.70	4.75	2.60	11.80	11.10	8.95	-2.15	1.9	-7.05
597	Hingoli	Jambharun-Rodge	Unconfined	8.00	5.62	2.20	11.00	5.80	2.38	-3.42	-3	-5.38
598	Hingoli	Kalamnuri-1 (Morwadi)	Unconfined	8.20	4.40	-	6.10	-	3.80	-	2.1	-1.7
599	Hingoli	Kanhergaon	Unconfined	7.20	8.30	2.10	12.49	5.10	-1.10	-6.20	-5.29	-4.19
600	Hingoli	Kautha-Khudnapur	Unconfined	14.65	12.25	-	13.55	-	2.40	-	1.1	-1.3
601	Hingoli	Khutha	Unconfined	17.40	13.95	5.80	14.35	11.60	3.45	-8.15	3.05	-0.4
602	Hingoli	Kolsa	Unconfined	9.00	8.25	6.10	9.00	2.90	0.75	-2.15	0	-0.75
603	Hingoli	Kurundha	Unconfined	14.60	5.65	3.40	7.85	11.20	8.95	-2.25	6.75	-2.2
604	Hingoli	Narsi	Unconfined	10.50	10.00	-	10.49	-	0.50	-	0.01	-0.49
605	Hingoli	Palasgaon	Unconfined	14.65	6.50	4.20	16.30	10.45	8.15	-2.30	-1.65	-9.8

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									May-18	Aug. 18	May-18	Nov. 2018
606	Hingoli	Salwa	Unconfined	12.00	6.50	2.10	6.40	9.90	5.50	-4.40	5.6	0.1
607	Hingoli	Sawad	Unconfined	4.00	4.75	1.70	4.80	2.30	-0.75	-3.05	-0.8	-0.05
608	Hingoli	Sengaon	Unconfined	12.40	11.30	3.40	12.50	9.00	1.10	-7.90	-0.1	-1.2
609	Hingoli	Tovha	Unconfined	-	-	-	11.05	-	-	-	-	-
610	Hingoli	Umara	Unconfined	-	2.75	-	3.10	-	-	-	-	-0.35
611	Hingoli	Vai Gorakhnath	Unconfined	12.20	6.52	1.30	11.80	10.90	5.68	-5.22	0.4	-5.28
612	Jalgaon	Adgaon	Unconfined	5.58	5.00	3.55	7.10	2.03	0.58	-1.45	-1.52	-2.1
613	Jalgaon	Amalner-1	Unconfined	6.50	4.40	3.60	5.90	2.90	2.10	-0.80	0.6	-1.5
614	Jalgaon	Balvadi	Unconfined	14.20	5.60	4.57	9.60	9.63	8.60	-1.03	4.6	-4
615	Jalgaon	Bhadgaon-1	Unconfined	5.30	8.40	7.70	10.40	-2.40	-3.10	-0.70	-5.1	-2
616	Jalgaon	Bhusawal (New)	Unconfined	7.30	10.00	9.65	10.40	-2.35	-2.70	-0.35	-3.1	-0.4
617	Jalgaon	Bodar	Unconfined	5.50	4.60	2.80	5.20	2.70	0.90	-1.80	0.3	-0.6
618	Jalgaon	Bodwad	Unconfined	12.50	5.50	3.40	6.20	9.10	7.00	-2.10	6.3	-0.7
619	Jalgaon	Chalisgaon-1	Unconfined	6.90	-	-	-	-	-	-	-	-
620	Jalgaon	Chopda	Unconfined	13.90	13.80	14.00	14.00	-0.10	0.10	0.20	-0.1	-0.2
621	Jalgaon	Dangarda	Unconfined	8.40	6.90	4.30	7.40	4.10	1.50	-2.60	1	-0.5
622	Jalgaon	Dhanora_Pz	Unconfined	30.50	32.00	32.00	47.00	-1.50	-1.50	0.00	-16.5	-15
623	Jalgaon	Dharangaon	Unconfined	6.00	4.80	3.37	4.90	2.63	1.20	-1.43	1.1	-0.1
624	Jalgaon	Erandol	Unconfined	6.30	5.30	4.24	7.40	2.06	1.00	-1.06	-1.1	-2.1
625	Jalgaon	Faizpur	Unconfined	55.10	50.80	41.60	55.00	13.50	4.30	-9.20	0.1	-4.2
626	Jalgaon	Hated Budruk	Unconfined	11.00	10.30	9.85	11.40	1.15	0.70	-0.45	-0.4	-1.1
627	Jalgaon	Jalgaon - Balajipeth	Unconfined	3.40	2.00	2.58	6.20	0.82	1.40	0.58	-2.8	-4.2
628	Jalgaon	Jalgaon - Harivithal Nagar	Unconfined	5.00	-	2.50	4.20	2.50	-	-	0.8	-
629	Jalgaon	Jalgaon - Kasamwadi	Unconfined	6.10	-	-	-	-	-	-	-	-
630	Jalgaon	Jalgaon - Shivaji Udhyan	Unconfined	3.53	1.00	1.00	5.10	2.53	2.53	0.00	-1.57	-4.1
631	Jalgaon	Jalgaon - Sindhi Colony	Unconfined	-	1.00	0.60	1.40	-	-	-0.40	-	-0.4
632	Jalgaon	Jamner	Unconfined	12.80	12.30	9.56	12.60	3.24	0.50	-2.74	0.2	-0.3
633	Jalgaon	Jamner-1	Unconfined	10.00	7.00	13.92	14.20	-3.92	3.00	6.92	-4.2	-7.2
634	Jalgaon	Jamthi	Unconfined	6.50	5.00	2.10	7.10	4.40	1.50	-2.90	-0.6	-2.1
635	Jalgaon	Kasoda	Unconfined	4.30	4.80	1.90	4.90	2.40	-0.50	-2.90	-0.6	-0.1
636	Jalgaon	Kekat Nimbhora	Unconfined	8.40	4.60	4.80	-	3.60	3.80	0.20	-	-
637	Jalgaon	Khanapur-1	Unconfined	21.40	15.00	22.00	-	-0.60	6.40	7.00	-	-
638	Jalgaon	Khiroda -2	Unconfined	27.40	31.40	32.33	-	-4.93	-4.00	0.93	-	-
639	Jalgaon	Kingaon	Unconfined	36.40	40.00	27.80	30.00	8.60	-3.60	-12.20	6.4	10
640	Jalgaon	Kusumbe-1	Unconfined	20.40	6.80	1.70	9.80	18.70	13.60	-5.10	10.6	-3
641	Jalgaon	Lasgaon	Unconfined	11.30	14.90	13.30	17.20	-2.00	-3.60	-1.60	-5.9	-2.3
642	Jalgaon	Mendhoda	Unconfined	15.10	7.40	10.68	9.70	4.42	7.70	3.28	5.4	-2.3
643	Jalgaon	Mondhale	Unconfined	6.10	4.40	3.01	6.90	3.09	1.70	-1.39	-0.8	-2.5

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644	Jalgaon	Muktai Nagar-1	Unconfined	14.30	1.20	14.10	4.30	0.20	13.10	12.90	10	-3.1
645	Jalgaon	Narvel	Unconfined	20.00	23.60	8.36	25.30	11.64	-3.60	-15.24	-5.3	-1.7
646	Jalgaon	Naseerabad	Unconfined	16.90	16.70	16.30	-	0.60	0.20	-0.40	-	-
647	Jalgaon	Neri	Unconfined	7.70	7.00	5.12	9.20	2.58	0.70	-1.88	-1.5	-2.2
648	Jalgaon	Nimjhari	Unconfined	-	-	-	15.10	-	-	-	-	-
649	Jalgaon	Pachora-1	Unconfined	5.60	3.00	2.10	-	3.50	2.60	-0.90	-	-
650	Jalgaon	Parola-1	Unconfined	6.00	4.00	2.80	4.90	3.20	2.00	-1.20	1.1	-0.9
651	Jalgaon	Pasardi	Unconfined	5.40	4.30	2.80	-	2.60	1.10	-1.50	-	-
652	Jalgaon	Pimpalkhede	Unconfined	5.10	3.40	2.20	8.50	2.90	1.70	-1.20	-3.4	-5.1
653	Jalgaon	Pimpalkotha	Unconfined	7.40	5.40	-	8.20	-	2.00	-	-0.8	-2.8
654	Jalgaon	Raver1	Unconfined	17.50	15.50	16.20	22.00	1.30	2.00	0.70	-4.5	-6.5
655	Jalgaon	Sakli-1	Unconfined	41.00	35.20	33.22	36.00	7.78	5.80	-1.98	5	-0.8
656	Jalgaon	Sangvi Bk	Unconfined	37.60	38.60	-	46.00	-	-1.00	-	-8.4	-7.4
657	Jalgaon	Shendurni	Unconfined	10.00	6.20	5.90	7.40	4.10	3.80	-0.30	2.6	-1.2
658	Jalgaon	Shengola	Unconfined	11.90	13.30	10.70	9.10	1.20	-1.40	-2.60	2.8	4.2
659	Jalgaon	Sirsala	Unconfined	9.90	7.00	6.00	9.80	3.90	2.90	-1.00	0.1	-2.8
660	Jalgaon	Susari-Varangaon	Unconfined	17.50	18.00	-	15.90	-	-0.50	-	1.6	2.1
661	Jalgaon	Talwade Kd	Unconfined	9.10	4.40	2.50	7.90	6.60	4.70	-1.90	1.2	-3.5
662	Jalgaon	Vakdi	Unconfined	5.40	2.20	1.50	5.30	3.90	3.20	-0.70	0.1	-3.1
663	Jalgaon	Varkhedi-1	Unconfined	10.00	5.00	1.80	8.20	8.20	5.00	-3.20	1.8	-3.2
664	Jalgaon	Vichve	Unconfined	4.90	6.00	6.30	6.50	-1.40	-1.10	0.30	-1.6	-0.5
665	Jalgaon	Vivra Bk	Unconfined	36.90	37.30	38.10	48.00	-1.20	-0.40	0.80	-11.1	-10.7
666	Jalgaon	Waghijhira	Unconfined	21.90	19.00	16.13	20.90	5.77	2.90	-2.87	1	-1.9
667	Jalgaon	Yawal-1	Unconfined	32.90	32.00	-	-	-	0.90	-	-	-
668	Jalna	Ambad	Unconfined	4.50	3.00	2.25	4.60	2.25	1.50	-0.75	-0.1	-1.6
669	Jalna	Badnapur	Unconfined	10.10	5.50	4.33	11.90	5.77	4.60	-1.17	-1.8	-6.4
670	Jalna	Banegaon	Unconfined	18.90	12.20	12.50	15.60	6.40	6.70	0.30	3.3	-3.4
671	Jalna	Baranjala Lokhande	Unconfined	6.90	8.00	4.30	13.40	2.60	-1.10	-3.70	-6.5	-5.4
672	Jalna	Bavne Pangri	Unconfined	4.00	4.00	3.60	4.30	0.40	0.00	-0.40	-0.3	-0.3
673	Jalna	Bhokardhan_Pz	Unconfined	7.10	6.30	3.55	30.00	3.55	0.80	-2.75	-22.9	-23.7
674	Jalna	Bhokardhan-2	Unconfined	5.60	10.00	1.95	9.10	3.65	-4.40	-8.05	-3.5	0.9
675	Jalna	Bondalpur	Unconfined	8.30	10.10	4.60	9.90	3.70	-1.80	-5.50	-1.6	0.2
676	Jalna	Chanegaon	Unconfined	6.90	8.00	1.50	4.80	5.40	-1.10	-6.50	2.1	3.2
677	Jalna	Dahiphal_Pz	Unconfined	1.60	2.40	3.50	3.20	-1.90	-0.80	1.10	-1.6	-0.8
678	Jalna	Danapur	Unconfined	5.10	5.20	4.60	5.10	0.50	-0.10	-0.60	0	0.1
679	Jalna	Dhoksal	Unconfined	5.10	5.90	1.70	4.70	3.40	-0.80	-4.20	0.4	1.2
680	Jalna	Dungaon-1	Unconfined	8.90	8.30	5.10	-	3.80	0.60	-3.20	-	-
681	Jalna	Gansawangi-1	Unconfined	7.30	6.90	4.80	12.50	2.50	0.40	-2.10	-5.2	-5.6

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682	Jalna	Gondegaon-1	Unconfined	14.50	19.00	8.70	10.80	5.80	-4.50	-10.30	3.7	8.2
683	Jalna	Hasnabad-1	Unconfined	12.40	13.00	-	13.40	-	-0.60	-	-1	-0.4
684	Jalna	Jafrabad	Unconfined	11.95	12.20	10.95	10.00	1.00	-0.25	-1.25	1.95	2.2
685	Jalna	Jalna-1	Unconfined	14.60	7.20	2.40	8.80	12.20	7.40	-4.80	5.8	-1.6
686	Jalna	Kalegaon	Unconfined	15.40	10.60	9.40	15.40	6.00	4.80	-1.20	0	-4.8
687	Jalna	Khandala	Unconfined	8.50	-	-	4.10	-	-	-	4.4	-
688	Jalna	Longaon	Unconfined	12.20	10.00	7.70	12.80	4.50	2.20	-2.30	-0.6	-2.8
689	Jalna	Malkhed	Unconfined	12.30	12.80	2.30	13.20	10.00	-0.50	-10.50	-0.9	-0.4
690	Jalna	Mantha	Unconfined	4.50	3.20	1.85	4.50	2.65	1.30	-1.35	0	-1.3
691	Jalna	Navha	Unconfined	10.00	6.00	4.36	8.40	5.64	4.00	-1.64	1.6	-2.4
692	Jalna	Naygaon_Pz	Unconfined	14.10	9.60	-	-	-	4.50	-	-	-
693	Jalna	Niklas	Unconfined	17.30	17.20	8.13	19.30	9.17	0.10	-9.07	-2	-2.1
694	Jalna	Partur_Pz	Unconfined	15.55	9.20	-	11.20	-	6.35	-	4.35	-2
695	Jalna	Partur-2	Unconfined	13.60	13.80	10.65	13.90	2.95	-0.20	-3.15	-0.3	-0.1
696	Jalna	Pimpalgaon Renukai	Unconfined	10.00	10.00	9.09	10.30	0.91	0.00	-0.91	-0.3	-0.3
697	Jalna	Pokhari Shindhkhed	Unconfined	11.60	3.90	3.15	11.50	8.45	7.70	-0.75	0.1	-7.6
698	Jalna	Rajur	Unconfined	17.80	4.50	1.65	5.90	16.15	13.30	-2.85	11.9	-1.4
699	Jalna	Samangaon	Unconfined	8.60	4.40	4.10	9.10	4.50	4.20	-0.30	-0.5	-4.7
700	Jalna	Shirner	Unconfined	8.62	8.50	-	7.70	-	0.12	-	0.92	0.8
701	Jalna	Shreshti	Unconfined	9.60	5.90	-	-	-	3.70	-	-	-
702	Jalna	Siphora	Unconfined	8.70	3.50	0.33	6.10	8.37	5.20	-3.17	2.6	-2.6
703	Jalna	Sukhapuri-1	Unconfined	2.80	5.00	5.25	6.40	-2.45	-2.20	0.25	-3.6	-1.4
704	Jalna	Talegaon	Unconfined	7.30	-	-	6.60	-	-	-	0.7	-
705	Jalna	Talni	Unconfined	8.70	3.90	1.70	8.30	7.00	4.80	-2.20	0.4	-4.4
706	Jalna	Tembhurni_Pz	Unconfined	8.10	8.00	6.30	8.40	1.80	0.10	-1.70	-0.3	-0.4
707	Jalna	Tirthpuri	Unconfined	4.80	4.40	2.57	-	2.23	0.40	-1.83	-	-
708	Jalna	Utavad	Unconfined	12.35	10.80	10.30	13.20	2.05	1.55	-0.50	-0.85	-2.4
709	Jalna	Wadhona	Unconfined	14.00	7.40	-	8.90	-	6.60	-	5.1	-1.5
710	Jalna	Wadigodri_Pz	Unconfined	10.60	6.40	5.10	8.30	5.50	4.20	-1.30	2.3	-1.9
711	Jalna	Wakdi	Unconfined	4.70	-	5.92	-	-1.22	-	-	-	-
712	Jalna	Warud	Unconfined	11.60	14.60	-	6.50	-	-3.00	-	5.1	8.1
713	Jalna	Watur	Unconfined	11.10	10.00	-	10.30	-	1.10	-	0.8	-0.3
714	Jalna	Yenora-Dhanora	Unconfined	8.70	7.20	5.75	9.00	2.95	1.50	-1.45	-0.3	-1.8
715	Kolhapur	Ajra	Unconfined	8.00	9.35	8.80	10.30	-0.80	-1.35	-0.55	-2.3	-0.95
716	Kolhapur	Amba	Unconfined	-	4.70	3.20	5.35	-	-	-1.50	-	-0.65
717	Kolhapur	Aslaj	Unconfined	0.50	1.70	4.35	7.30	-3.85	-1.20	2.65	-6.8	-5.6
718	Kolhapur	Chuye	Unconfined	1.40	4.10	1.30	0.01	0.10	-2.70	-2.80	1.39	4.09
719	Kolhapur	Gadhingalaj	Unconfined	0.60	0.70	1.00	1.70	-0.40	-0.10	0.30	-1.1	-1

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720	Kolhapur	Gagan bauda	Unconfined	3.80	7.80	8.50	11.05	-4.70	-4.00	0.70	-7.25	-3.25
721	Kolhapur	Gokul shirgaon	Unconfined	0.60	1.00	0.40	1.70	0.20	-0.40	-0.60	-1.1	-0.7
722	Kolhapur	Halkarne	Unconfined	7.30	6.10	5.30	7.70	2.00	1.20	-0.80	-0.4	-1.6
723	Kolhapur	Kagal	Unconfined	2.00	3.10	2.80	3.60	-0.80	-1.10	-0.30	-1.6	-0.5
724	Kolhapur	Kanur Khurd	Unconfined	-	4.40	3.25	5.20	-	-	-1.15	-	-0.8
725	Kolhapur	Karve	Unconfined	5.50	6.70	5.60	8.00	-0.10	-1.20	-1.10	-2.5	-1.3
726	Kolhapur	Khindivarvade-1	Unconfined	1.20	1.70	1.20	2.80	0.00	-0.50	-0.50	-1.6	-1.1
727	Kolhapur	Khupire	Unconfined	-	0.40	0.30	1.10	-	-	-0.10	-	-0.7
728	Kolhapur	Kini wathar	Unconfined	1.00	5.15	4.30	8.40	-3.30	-4.15	-0.85	-7.4	-3.25
729	Kolhapur	Kirve	Unconfined	0.50	0.60	0.75	1.30	-0.25	-0.10	0.15	-0.8	-0.7
730	Kolhapur	Madgi Budrukh1	Unconfined	-	-	-	5.00	-	-	-	-	-
731	Kolhapur	Murgud	Unconfined	0.30	0.60	1.40	1.00	-1.10	-0.30	0.80	-0.7	-0.4
732	Kolhapur	Naganwadi	Unconfined	0.60	3.70	1.70	6.35	-1.10	-3.10	-2.00	-5.75	-2.65
733	Kolhapur	Nesari	Unconfined	0.10	0.30	0.40	1.10	-0.30	-0.20	0.10	-1	-0.8
734	Kolhapur	Nitawade	Unconfined	-	8.80	5.00	10.15	-	-	-3.80	-	-1.35
735	Kolhapur	Paijarwadi	Unconfined	1.80	-	0.60	3.20	1.20	-	-	-1.4	-
736	Kolhapur	Panhala	Unconfined	7.20	7.10	9.60	10.50	-2.40	0.10	2.50	-3.3	-3.4
737	Kolhapur	Pargaon -1	Unconfined	1.90	-	2.00	3.60	-0.10	-	-	-1.7	-
738	Kolhapur	Parkhandale	Unconfined	0.50	1.00	1.20	1.90	-0.70	-0.50	0.20	-1.4	-0.9
739	Kolhapur	Patne	Unconfined	-	7.15	6.00	8.05	-	-	-1.15	-	-0.9
740	Kolhapur	Pimpalgaon	Unconfined	0.90	1.50	0.60	2.40	0.30	-0.60	-0.90	-1.5	-0.9
741	Kolhapur	Radhanagari	Unconfined	2.20	5.10	2.70	7.00	-0.50	-2.90	-2.40	-4.8	-1.9
742	Kolhapur	Shahuwadi-1	Unconfined	-	3.90	-	5.40	-	-	-	-	-1.5
743	Kolhapur	Shelarwadi	Unconfined	-	2.00	1.00	2.10	-	-	-1.00	-	-0.1
744	Kolhapur	Shelewadi	Unconfined	0.10	8.90	4.60	8.00	-4.50	-8.80	-4.30	-7.9	0.9
745	Kolhapur	Shiradwad	Unconfined	7.70	7.00	4.25	8.30	3.45	0.70	-2.75	-0.6	-1.3
746	Kolhapur	Shirgaon1	Unconfined	-	-	-	9.70	-	-	-	-	-
747	Kolhapur	Shirol	Unconfined	-	10.70	4.00	-	-	-	-6.70	-	-
748	Kolhapur	Shirol	Unconfined	3.80	3.50	1.75	7.10	2.05	0.30	-1.75	-3.3	-3.6
749	Kolhapur	Solankur1	Unconfined	0.70	0.60	1.00	1.35	-0.30	0.10	0.40	-0.65	-0.75
750	Kolhapur	Surupali	Unconfined	1.00	1.80	1.21	2.50	-0.21	-0.80	-0.59	-1.5	-0.7
751	Kolhapur	Surute	Unconfined	5.90	6.00	4.20	11.90	1.70	-0.10	-1.80	-6	-5.9
752	Kolhapur	Undri	Unconfined	0.60	3.90	2.70	4.90	-2.10	-3.30	-1.20	-4.3	-1
753	Kolhapur	Uttur	Unconfined	0.40	0.70	0.60	2.70	-0.20	-0.30	-0.10	-2.3	-2
754	Kolhapur	Wadicharan-1	Unconfined	0.80	1.10	1.00	2.20	-0.20	-0.30	-0.10	-1.4	-1.1
755	Kolhapur	Washi	Unconfined	0.50	3.70	1.50	-	-1.00	-3.20	-2.20	-	-
756	Latur	Ahmadpur	Unconfined	10.30	10.17	3.00	11.20	7.30	0.13	-7.17	-0.9	-1.03
757	Latur	Ashta	Unconfined	12.90	13.10	2.90	10.65	10.00	-0.20	-10.20	2.25	2.45

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									May-18	Aug. 18	May-18	Nov. 2018
758	Latur	Aurad Shahajani	Unconfined	-	-	-	10.70	-	-	-	-	-
759	Latur	Ausa	Unconfined	4.94	5.80	2.50	6.24	2.44	-0.86	-3.30	-1.3	-0.44
760	Latur	Belkund-1	Unconfined	14.54	-	11.50	15.20	3.04	-	-	-0.66	-
761	Latur	Bhada	Unconfined	7.73	-	2.60	11.59	5.13	-	-	-3.86	-
762	Latur	Borgaon Kale	Unconfined	9.92	12.18	7.90	16.50	2.02	-2.26	-4.28	-6.58	-4.32
763	Latur	Budhoda	Unconfined	10.60	10.45	7.40	10.75	3.20	0.15	-3.05	-0.15	-0.3
764	Latur	Chapoli	Unconfined	14.60	10.17	8.00	10.65	6.60	4.43	-2.17	3.95	-0.48
765	Latur	Deoni	Unconfined	10.83	3.72	0.50	4.50	10.33	7.11	-3.22	6.33	-0.78
766	Latur	Deoni_Pz	Unconfined	3.35	3.55	1.00	-	2.35	-0.20	-2.55	-	-
767	Latur	Handerguli_Pz	Unconfined	10.55	-	7.10	10.80	3.45	-	-	-0.25	-
768	Latur	Jalkot	Unconfined	15.53	13.75	8.80	13.10	6.73	1.78	-4.95	2.43	0.65
769	Latur	Kasar Belkunda-1	Unconfined	8.70	-	7.65	10.00	1.05	-	-	-1.3	-
770	Latur	Kasar Sirsi	Unconfined	9.85	9.50	8.10	10.70	1.75	0.35	-1.40	-0.85	-1.2
771	Latur	Kelgaon	Unconfined	8.10	6.20	4.10	8.20	4.00	1.90	-2.10	-0.1	-2
772	Latur	Killari_Pz	Unconfined	9.10	8.77	8.30	10.45	0.80	0.33	-0.47	-1.35	-1.68
773	Latur	Kingaon	Unconfined	6.05	5.13	3.60	6.20	2.45	0.92	-1.53	-0.15	-1.07
774	Latur	Lamjana Phata	Unconfined	13.58	14.60	12.10	14.50	1.48	-1.02	-2.50	-0.92	0.1
775	Latur	Latur Ring Road	Unconfined	10.34	7.20	5.10	11.50	5.24	3.14	-2.10	-1.16	-4.3
776	Latur	Latur Shani mandir	Unconfined	16.25	17.60	11.50	-	4.75	-1.35	-6.10	-	-
777	Latur	Mahalangra	Unconfined	12.65	13.10	3.50	14.99	9.15	-0.45	-9.60	-2.34	-1.89
778	Latur	Mahapur - Vasantnagar tanda	Unconfined	8.95	10.82	11.10	11.05	-2.15	-1.87	0.28	-2.1	-0.23
779	Latur	Matola	Unconfined	8.85	6.95	5.90	6.90	2.95	1.90	-1.05	1.95	0.05
780	Latur	Mogha	Unconfined	2.50	3.13	1.60	4.10	0.90	-0.63	-1.53	-1.6	-0.97
781	Latur	Murud	Unconfined	4.55	9.20	0.90	8.00	3.65	-4.65	-8.30	-3.45	1.2
782	Latur	Murud-Akola	Unconfined	9.06	14.00	12.30	14.70	-3.24	-4.94	-1.70	-5.64	-0.7
783	Latur	Nalegaon-1	Unconfined	9.40	7.10	2.50	8.35	6.90	2.30	-4.60	1.05	-1.25
784	Latur	Narsingwadi	Unconfined	17.15	-	8.10	17.40	9.05	-	-	-0.25	-
785	Latur	Nilanga-1	Unconfined	5.00	3.00	2.60	5.50	2.40	2.00	-0.40	-0.5	-2.5
786	Latur	Panchincholi	Unconfined	4.90	5.90	3.70	5.90	1.20	-1.00	-2.20	-1	0
787	Latur	Pandharwadi	Unconfined	4.24	10.23	0.70	3.70	3.54	-5.99	-9.53	0.54	6.53
788	Latur	Pangaon	Unconfined	5.53	4.15	2.40	5.10	3.13	1.38	-1.75	0.43	-0.95
789	Latur	Patoda	Unconfined	6.60	5.60	3.40	8.10	3.20	1.00	-2.20	-1.5	-2.5
790	Latur	Rajwadi	Unconfined	-	15.52	-	13.80	-	-	-	-	1.72
791	Latur	Rapka	Unconfined	7.65	7.85	2.90	7.80	4.75	-0.20	-4.95	-0.15	0.05
792	Latur	Renapur	Unconfined	8.33	10.50	7.95	-	0.38	-2.17	-2.55	-	-
793	Latur	Rudha	Unconfined	-	-	3.90	9.60	-	-	-	-	-
794	Latur	Samdarga	Unconfined	5.23	-	-	5.10	-	-	-	0.13	-
795	Latur	Sayyadpur	Unconfined	10.90	10.00	3.40	10.40	7.50	0.90	-6.60	0.5	-0.4

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796	Latur	Shirur Tajbandh_Pz	Unconfined	30.00	-	-	-	-	-	-	-	-
797	Latur	Udgir1	Unconfined	1.40	2.00	0.50	2.45	0.90	-0.60	-1.50	-1.05	-0.45
798	Latur	Ujed-1	Unconfined	12.35	-	8.40	19.00	3.95	-	-	-6.65	-
799	Latur	Walandi-1	Unconfined	16.70	11.43	11.10	18.00	5.60	5.27	-0.33	-1.3	-6.57
800	Mumbai	Bombay (Church Gate)	Unconfined	2.65	1.68	1.40	2.00	1.25	0.97	-0.28	0.65	-0.32
801	Mumbai	Colaba (Dandi)	Unconfined	4.90	3.76	3.00	3.80	1.90	1.14	-0.76	1.1	-0.04
802	Mumbai	Colaba-Fort	Unconfined	2.45	1.89	1.60	1.80	0.85	0.56	-0.29	0.65	0.09
803	Mumbai	Mahim	Unconfined	4.93	3.79	3.60	4.70	1.33	1.14	-0.19	0.23	-0.91
804	Mumbai	Mazgaon	Unconfined	5.10	6.70	3.60	6.60	1.50	-1.60	-3.10	-1.5	0.1
805	Mumbai	Varli_Naka	Unconfined	2.35	0.93	0.70	0.73	1.65	1.42	-0.23	1.62	0.2
806	Mumbai	A.M.C. Colony	Unconfined	-	12.20	11.30	11.40	-	-	-0.90	-	0.8
807	Mumbai	Agarwadi	Unconfined	6.24	3.11	2.00	4.70	4.24	3.13	-1.11	1.54	-1.59
808	Mumbai	Amboli_Sarota Pada	Unconfined	5.00	3.35	4.10	4.21	0.90	1.65	0.75	0.79	-0.86
809	Mumbai	Chembur_Gaathan	Unconfined	3.90	2.60	2.00	2.50	1.90	1.30	-0.60	1.4	0.1
810	Mumbai	Dahisar-1	Unconfined	10.72	9.80	10.20	8.00	0.52	0.92	0.40	2.72	1.8
811	Mumbai	Film City-Habale Pada	Unconfined	3.39	1.34	0.90	2.80	2.49	2.05	-0.44	0.59	-1.46
812	Mumbai	Gorai Beach	Unconfined	-	3.54	2.40	4.10	-	-	-1.14	-	-0.56
813	Mumbai	Goregaon	Unconfined	2.33	1.85	0.70	1.70	1.63	0.48	-1.15	0.63	0.15
814	Mumbai	Laxminagar-Mahul	Unconfined	1.80	1.00	1.40	0.90	0.40	0.80	0.40	0.9	0.1
815	Mumbai	Madh	Unconfined	5.10	1.11	0.50	1.10	4.60	3.99	-0.61	4	0.01
816	Mumbai	Malwani	Unconfined	6.30	5.10	3.00	5.50	3.30	1.20	-2.10	0.8	-0.4
817	Mumbai	Manori	Unconfined	6.20	1.65	-	1.83	-	4.55	-	4.37	-0.18
818	Mumbai	Mulund_East	Unconfined	6.62	4.98	2.15	5.70	4.47	1.64	-2.83	0.92	-0.72
819	Mumbai	Rani cha Bagh	Unconfined	8.00	7.87	6.10	8.70	1.90	0.13	-1.77	-0.7	-0.83
820	Mumbai	Trombay-Koliwada	Unconfined	4.00	2.98	3.00	2.54	1.00	1.02	0.02	1.46	0.44
821	Mumbai	Vakola	Unconfined	2.80	2.63	2.40	2.15	0.40	0.17	-0.23	0.65	0.48
822	Mumbai	Vile Parle West	Unconfined	6.14	4.02	1.60	3.50	4.54	2.12	-2.42	2.64	0.52
823	Nagpur	Amgaon	Unconfined	5.80	2.30	1.60	4.40	4.20	3.50	-0.70	1.4	-2.1
824	Nagpur	Ashti	Unconfined	10.20	5.40	2.75	8.55	7.45	4.80	-2.65	1.65	-3.15
825	Nagpur	Bela_Pz	Unconfined	7.50	3.70	1.80	5.30	5.70	3.80	-1.90	2.2	-1.6
826	Nagpur	Bhasali Takli	Unconfined	11.60	15.70	11.30	9.10	0.30	-4.10	-4.40	2.5	6.6
827	Nagpur	Bhiwapur	Unconfined	9.90	6.20	1.20	7.50	8.70	3.70	-5.00	2.4	-1.3
828	Nagpur	Borkhedi	Unconfined	6.60	3.50	2.15	5.15	4.45	3.10	-1.35	1.45	-1.65
829	Nagpur	Borkhedi_Pz	Unconfined	8.00	4.00	2.70	5.70	5.30	4.00	-1.30	2.3	-1.7
830	Nagpur	Chacher	Unconfined	8.50	3.00	1.24	5.54	7.26	5.50	-1.76	2.96	-2.54
831	Nagpur	Chargaon (Punarwasi)	Unconfined	8.00	5.70	2.55	5.65	5.45	2.30	-3.15	2.35	0.05
832	Nagpur	Chorbaoli	Unconfined	5.70	3.70	2.35	3.95	3.35	2.00	-1.35	1.75	-0.25
833	Nagpur	Deolapar	Unconfined	9.60	5.20	4.55	7.95	5.05	4.40	-0.65	1.65	-2.75

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834	Nagpur	Dhapewada	Unconfined	13.30	11.30	8.90	12.00	4.40	2.00	-2.40	1.3	-0.7
835	Nagpur	Dongargaon Gumgaon	Unconfined	-	-	-	7.00	-	-	-	-	-
836	Nagpur	Fetri_Pz	Unconfined	2.00	1.80	1.60	1.00	0.40	0.20	-0.20	1	0.8
837	Nagpur	Gahuhivra	Unconfined	-	3.50	-	5.50	-	-	-	-	-2
838	Nagpur	Ghumthala	Unconfined	-	-	-	6.80	-	-	-	-	-
839	Nagpur	Gonkhedi	Unconfined	7.90	5.00	5.10	6.40	2.80	2.90	0.10	1.5	-1.4
840	Nagpur	Gumgaon	Unconfined	7.30	-	-	-	-	-	-	-	-
841	Nagpur	Gumthala_Pz	Unconfined	-	-	-	9.10	-	-	-	-	-
842	Nagpur	Hingna (Dhangarpura)	Unconfined	-	-	-	9.20	-	-	-	-	-
843	Nagpur	Hingna (Raipur)_Pz	Unconfined	6.00	-	-	-	-	-	-	-	-
844	Nagpur	Jalalkheda_Pz	Unconfined	-	10.80	-	-	-	-	-	-	-
845	Nagpur	Jamgaon Bk_Pz	Unconfined	6.75	2.80	1.50	5.20	5.25	3.95	-1.30	1.55	-2.4
846	Nagpur	Kalmeshwar	Unconfined	4.30	2.40	1.20	2.50	3.10	1.90	-1.20	1.8	-0.1
847	Nagpur	Kamptee	Unconfined	6.50	3.90	3.40	4.90	3.10	2.60	-0.50	1.6	-1
848	Nagpur	Kanholi bara	Unconfined	10.80	4.90	3.56	7.46	7.24	5.90	-1.34	3.34	-2.56
849	Nagpur	Kanholibara_Pz	Unconfined	7.60	5.00	2.40	6.10	5.20	2.60	-2.60	1.5	-1.1
850	Nagpur	Katol	Unconfined	5.50	6.00	4.10	9.00	1.40	-0.50	-1.90	-3.5	-3
851	Nagpur	Kelod	Unconfined	15.70	8.80	6.25	8.95	9.45	6.90	-2.55	6.75	-0.15
852	Nagpur	Khairgaon	Unconfined	11.20	5.80	2.80	8.90	8.40	5.40	-3.00	2.3	-3.1
853	Nagpur	Khapri	Unconfined	11.30	9.20	7.50	10.60	3.80	2.10	-1.70	0.7	-1.4
854	Nagpur	Kharpada	Unconfined	8.20	3.50	1.00	5.60	7.20	4.70	-2.50	2.6	-2.1
855	Nagpur	Khat	Unconfined	5.30	-	-	1.58	-	-	-	3.72	-
856	Nagpur	Khubala	Unconfined	5.50	2.80	2.10	3.40	3.40	2.70	-0.70	2.1	-0.6
857	Nagpur	Kohli	Unconfined	11.00	7.80	6.25	9.55	4.75	3.20	-1.55	1.45	-1.75
858	Nagpur	Koradi	Unconfined	4.70	2.90	1.50	3.10	3.20	1.80	-1.40	1.6	-0.2
859	Nagpur	Kothulna	Unconfined	8.40	2.30	0.90	4.70	7.50	6.10	-1.40	3.7	-2.4
860	Nagpur	Kuhi-1	Unconfined	10.70	6.10	1.80	6.00	8.90	4.60	-4.30	4.7	0.1
861	Nagpur	Linga	Unconfined	4.60	3.60	3.00	3.60	1.60	1.00	-0.60	1	0
862	Nagpur	Lohara	Unconfined	6.60	1.60	1.15	4.25	5.45	5.00	-0.45	2.35	-2.65
863	Nagpur	Lohgad	Unconfined	5.70	3.20	2.70	4.60	3.00	2.50	-0.50	1.1	-1.4
864	Nagpur	Makardhokda	Unconfined	5.80	2.30	1.24	3.59	4.56	3.50	-1.06	2.21	-1.29
865	Nagpur	Makardhokda_Pz	Unconfined	30.00	4.20	2.10	4.40	27.90	25.80	-2.10	25.6	-0.2
866	Nagpur	Malapur	Unconfined	14.30	11.90	6.80	10.40	7.50	2.40	-5.10	3.9	1.5
867	Nagpur	Manegaon Tek	Unconfined	8.70	7.40	5.25	8.75	3.45	1.30	-2.15	-0.05	-1.35
868	Nagpur	Mangli1	Unconfined	13.10	14.00	7.10	10.80	6.00	-0.90	-6.90	2.3	3.2
869	Nagpur	Metpanjara	Unconfined	9.90	7.70	5.72	8.82	4.18	2.20	-1.98	1.08	-1.12
870	Nagpur	Mohad	Unconfined	-	14.00	-	17.10	-	-	-	-	-3.1
871	Nagpur	Mohgaon Zelpi	Unconfined	9.20	6.90	4.55	9.55	4.65	2.30	-2.35	-0.35	-2.65

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872	Nagpur	Mohpa	Unconfined	10.20	9.10	8.40	10.70	1.80	1.10	-0.70	-0.5	-1.6
873	Nagpur	Mouda-1	Unconfined	7.50	6.80	-	7.35	-	0.70	-	0.15	-0.55
874	Nagpur	Nagalwadi	Unconfined	11.30	9.00	9.00	10.00	2.30	2.30	0.00	1.3	-1
875	Nagpur	Nagpur_Chinchbhawan	Unconfined	11.90	7.60	5.45	9.15	6.45	4.30	-2.15	2.75	-1.55
876	Nagpur	Nagpur_Hanuman nagar	Unconfined	8.00	-	4.20	2.80	3.80	-	-	5.2	-
877	Nagpur	Nagpur_Koradi naka	Unconfined	9.60	5.90	5.80	7.60	3.80	3.70	-0.10	2	-1.7
878	Nagpur	Nagpur_Police line takli	Unconfined	4.50	1.80	1.10	1.70	3.40	2.70	-0.70	2.8	0.1
879	Nagpur	Nagpur_Punapur	Unconfined	5.80	2.90	1.70	3.80	4.10	2.90	-1.20	2	-0.9
880	Nagpur	Nagpur_Ramdaspeth	Unconfined	6.20	2.90	3.00	3.40	3.20	3.30	0.10	2.8	-0.5
881	Nagpur	Nagpur_Wadi naka	Unconfined	3.00	0.90	1.40	2.30	1.60	2.10	0.50	0.7	-1.4
882	Nagpur	Nandora	Unconfined	6.02	3.90	3.70	5.10	2.32	2.12	-0.20	0.92	-1.2
883	Nagpur	Narkhed	Unconfined	9.20	7.00	6.70	7.80	2.50	2.20	-0.30	1.4	-0.8
884	Nagpur	Narkhed_Pz	Unconfined	6.50	3.30	2.20	3.60	4.30	3.20	-1.10	2.9	-0.3
885	Nagpur	Nawegaon (Deshmukh)	Unconfined	11.10	4.20	2.15	6.50	8.95	6.90	-2.05	4.6	-2.3
886	Nagpur	Nayakund	Unconfined	16.90	12.70	9.05	16.15	7.85	4.20	-3.65	0.75	-3.45
887	Nagpur	Pallora	Unconfined	12.50	5.20	3.10	6.50	9.40	7.30	-2.10	6	-1.3
888	Nagpur	Panchgaon	Unconfined	8.60	4.20	2.55	5.85	6.05	4.40	-1.65	2.75	-1.65
889	Nagpur	Paradsinga_Pz	Unconfined	18.50	-	-	24.50	-	-	-	-6	-
890	Nagpur	Parseoni	Unconfined	7.40	4.00	2.70	5.10	4.70	3.40	-1.30	2.3	-1.1
891	Nagpur	Patansaongi-2	Unconfined	11.90	8.80	5.50	9.20	6.40	3.10	-3.30	2.7	-0.4
892	Nagpur	Pipaldol	Unconfined	5.50	2.10	1.40	4.30	4.10	3.40	-0.70	1.2	-2.2
893	Nagpur	Pipla Wadi	Unconfined	-	-	-	6.50	-	-	-	-	-
894	Nagpur	Ramgiri	Unconfined	11.90	7.40	3.50	10.00	8.40	4.50	-3.90	1.9	-2.6
895	Nagpur	Ramtek	Unconfined	8.00	3.90	2.59	6.09	5.41	4.10	-1.31	1.91	-2.19
896	Nagpur	Ridhora	Unconfined	9.00	10.60	3.70	9.00	5.30	-1.60	-6.90	0	1.6
897	Nagpur	Ringnabodi-1	Unconfined	6.70	7.00	5.30	7.40	1.40	-0.30	-1.70	-0.7	-0.4
898	Nagpur	Rohna	Unconfined	10.40	6.50	4.20	7.60	6.20	3.90	-2.30	2.8	-1.1
899	Nagpur	Rohna_Pz	Unconfined	14.00	9.40	6.40	7.70	7.60	4.60	-3.00	6.3	1.7
900	Nagpur	Rui_Gavsi Manapur	Unconfined	11.20	7.80	7.10	10.40	4.10	3.40	-0.70	0.8	-2.6
901	Nagpur	Saoner-1	Unconfined	9.60	7.00	6.70	8.40	2.90	2.60	-0.30	1.2	-1.4
902	Nagpur	Satgaon	Unconfined	4.80	3.10	1.75	4.45	3.05	1.70	-1.35	0.35	-1.35
903	Nagpur	Sathnaori	Unconfined	16.30	12.00	13.70	14.80	2.60	4.30	1.70	1.5	-2.8
904	Nagpur	Sawargaon	Unconfined	5.80	6.60	6.50	7.40	-0.70	-0.80	-0.10	-1.6	-0.8
905	Nagpur	Sillori	Unconfined	10.40	8.50	6.18	9.08	4.22	1.90	-2.32	1.32	-0.58
906	Nagpur	Singori	Unconfined	6.50	3.00	1.05	4.25	5.45	3.50	-1.95	2.25	-1.25
907	Nagpur	Sirpur Toli	Unconfined	4.50	3.60	3.65	4.35	0.85	0.90	0.05	0.15	-0.75
908	Nagpur	Sivani	Unconfined	5.20	1.80	2.05	3.95	3.15	3.40	0.25	1.25	-2.15
909	Nagpur	Sonoli_Pz	Unconfined	17.50	13.00	12.40	14.90	5.10	4.50	-0.60	2.6	-1.9

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
910	Nagpur	Takalghat	Unconfined	5.20	8.60	6.90	7.75	-1.70	-3.40	-1.70	-2.55	0.85
911	Nagpur	Tarsha	Unconfined	10.50	4.00	0.10	3.35	10.40	6.50	-3.90	7.15	0.65
912	Nagpur	Tondakhairi	Unconfined	17.90	16.50	11.90	11.20	6.00	1.40	-4.60	6.7	5.3
913	Nagpur	Umrer	Unconfined	1.00	0.20	0.50	1.10	0.50	0.80	0.30	-0.1	-0.9
914	Nagpur	Uti	Unconfined	5.00	2.00	0.35	3.05	4.65	3.00	-1.65	1.95	-1.05
915	Nagpur	Wagholi	Unconfined	10.00	1.80	1.70	8.20	8.30	8.20	-0.10	1.8	-6.4
916	Nagpur	Wardhamna	Unconfined	6.40	1.70	0.45	2.55	5.95	4.70	-1.25	3.85	-0.85
917	Nagpur	Wasboli	Unconfined	7.80	3.70	1.50	4.50	6.30	4.10	-2.20	3.3	-0.8
918	Nanded	Ambe Sangwi	Unconfined	4.68	10.55	2.50	9.55	2.18	-5.87	-8.05	-4.87	1
919	Nanded	Anjankhed	Unconfined	7.20	5.20	4.50	6.10	2.70	2.00	-0.70	1.1	-0.9
920	Nanded	Ardhapur-1	Unconfined	11.70	12.35	4.50	15.20	7.20	-0.65	-7.85	-3.5	-2.85
921	Nanded	Atkali_Pz	Unconfined	22.30	8.50	1.70	25.70	20.60	13.80	-6.80	-3.4	-17.2
922	Nanded	Atkali-1	Unconfined	21.00	13.20	12.00	19.00	9.00	7.80	-1.20	2	-5.8
923	Nanded	Balegaon	Unconfined	5.30	1.90	1.60	4.10	3.70	3.40	-0.30	1.2	-2.2
924	Nanded	Barad	Unconfined	13.00	3.63	2.20	10.30	10.80	9.37	-1.43	2.7	-6.67
925	Nanded	Barul	Unconfined	4.00	3.60	2.20	1.85	1.80	0.40	-1.40	2.15	1.75
926	Nanded	Bhokar	Unconfined	11.80	4.55	-	5.95	-	7.25	-	5.85	-1.4
927	Nanded	Biloli-1	Unconfined	6.80	7.32	6.70	3.70	0.10	-0.52	-0.62	3.1	3.62
928	Nanded	Bodhadi Bk-1	Unconfined	8.10	3.25	1.40	5.25	6.70	4.85	-1.85	2.85	-2
929	Nanded	Chikhli Chota	Unconfined	8.00	-	-	7.99	-	-	-	0.01	-
930	Nanded	Dhanegaon	Unconfined	8.83	13.90	4.30	6.10	4.53	-5.07	-9.60	2.73	7.8
931	Nanded	Dharmabad	Unconfined	9.50	6.95	-	7.30	-	2.55	-	2.2	-0.35
932	Nanded	Dhawari Buzurg	Unconfined	10.30	7.20	-	6.40	-	3.10	-	3.9	0.8
933	Nanded	Dorli	Unconfined	6.90	4.18	2.00	4.25	4.90	2.72	-2.18	2.65	-0.07
934	Nanded	Gadga	Unconfined	17.30	0.95	3.30	5.40	14.00	16.35	2.35	11.9	-4.45
935	Nanded	Gokunda (Kinwat)-1	Unconfined	8.00	3.25	-	4.70	-	4.75	-	3.3	-1.45
936	Nanded	Hadgaon-1	Unconfined	13.50	6.96	7.20	9.60	6.30	6.54	0.24	3.9	-2.64
937	Nanded	Himayat Nagar	Unconfined	11.09	1.70	-	11.09	-	9.39	-	0	-9.39
938	Nanded	Himayat Nagar-1	Unconfined	6.20	3.00	0.70	3.30	5.50	3.20	-2.30	2.9	-0.3
939	Nanded	Islapur	Unconfined	3.78	1.35	4.00	3.25	-0.22	2.43	2.65	0.53	-1.9
940	Nanded	Jamb Buzurg	Unconfined	14.00	1.85	4.60	12.00	9.40	12.15	2.75	2	-10.15
941	Nanded	Janapuri-1	Unconfined	11.30	13.75	2.50	7.25	8.80	-2.45	-11.25	4.05	6.5
942	Nanded	Jhalakwadi	Unconfined	6.30	3.05	2.80	6.30	3.50	3.25	-0.25	0	-3.25
943	Nanded	Kamtala	Unconfined	11.00	6.90	7.40	9.00	3.60	4.10	0.50	2	-2.1
944	Nanded	Kandar-1	Unconfined	7.75	6.28	6.50	6.50	1.25	1.47	0.22	1.25	-0.22
945	Nanded	Kapsi Gumta	Unconfined	1.85	2.20	2.70	1.40	-0.85	-0.35	0.50	0.45	0.8
946	Nanded	Karadkher-1	Unconfined	2.50	1.60	1.20	4.10	1.30	0.90	-0.40	-1.6	-2.5
947	Nanded	Khambegaon	Unconfined	14.00	5.70	3.70	7.00	10.30	8.30	-2.00	7	-1.3
948	Nanded	Kolambi	Unconfined	7.40	6.82	-	7.20	-	0.58	-	0.2	-0.38

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									May-18	Aug. 18	May-18	Nov. 2018
949	Nanded	Kuncheli	Unconfined	8.93	6.81	-	8.80	-	2.12	-	0.13	-1.99
950	Nanded	Lahan	Unconfined	9.00	5.65	3.20	7.50	5.80	3.35	-2.45	1.5	-1.85
951	Nanded	Lakmapur	Unconfined	7.50	3.15	2.40	4.65	5.10	4.35	-0.75	2.85	-1.5
952	Nanded	Malegaon (I)	Unconfined	5.70	1.80	2.70	2.30	3.00	3.90	0.90	3.4	-0.5
953	Nanded	Malegaon (II)	Unconfined	11.75	6.20	4.00	10.10	7.75	5.55	-2.20	1.65	-3.9
954	Nanded	Manwadi phata	Unconfined	16.10	3.05	1.50	6.55	14.60	13.05	-1.55	9.55	-3.5
955	Nanded	Mathala	Unconfined	10.55	6.70	-	-	-	3.85	-	-	-
956	Nanded	Mudkhed2	Unconfined	11.50	4.80	3.40	9.20	8.10	6.70	-1.40	2.3	-4.4
957	Nanded	Mukher-1	Unconfined	11.00	5.05	2.30	7.00	8.70	5.95	-2.75	4	-1.95
958	Nanded	Mukrambad (Kharka)	Unconfined	4.80	5.25	4.30	6.05	0.50	-0.45	-0.95	-1.25	-0.8
959	Nanded	Nagapur	Unconfined	11.84	5.15	2.50	7.35	9.34	6.69	-2.65	4.49	-2.2
960	Nanded	Naigaon	Unconfined	10.45	8.10	2.60	8.25	7.85	2.35	-5.50	2.2	-0.15
961	Nanded	Nanded	Unconfined	11.00	9.46	3.00	8.85	8.00	1.54	-6.46	2.15	0.61
962	Nanded	Narsi	Unconfined	7.00	1.85	2.40	5.70	4.60	5.15	0.55	1.3	-3.85
963	Nanded	Narwat	Unconfined	7.80	2.62	1.20	5.20	6.60	5.18	-1.42	2.6	-2.58
964	Nanded	Pala	Unconfined	7.20	6.70	7.20	7.99	0.00	0.50	0.50	-0.79	-1.29
965	Nanded	Panchpipli	Unconfined	20.00	17.65	10.20	10.25	9.80	2.35	-7.45	9.75	7.4
966	Nanded	Police Wadi	Unconfined	8.40	3.35	2.20	6.55	6.20	5.05	-1.15	1.85	-3.2
967	Nanded	Ramwadi Shivar	Unconfined	6.20	-	-	-	-	-	-	-	-
968	Nanded	Shelgaon	Unconfined	12.20	8.34	3.80	8.40	8.40	3.86	-4.54	3.8	-0.06
969	Nanded	Sikarghat (Amdura)	Unconfined	17.05	3.15	2.20	14.70	14.85	13.90	-0.95	2.35	-11.55
970	Nanded	Somthana	Unconfined	10.20	4.80	2.00	6.70	8.20	5.40	-2.80	3.5	-1.9
971	Nanded	Talani	Unconfined	10.00	7.05	8.30	8.30	1.70	2.95	1.25	1.7	-1.25
972	Nanded	Tamsa_Pz	Unconfined	9.50	10.00	-	-	-	-0.50	-	-	-
973	Nanded	Taroda (Bk)	Unconfined	24.50	16.85	16.20	12.10	8.30	7.65	-0.65	12.4	4.75
974	Nanded	Umri-Gortha	Unconfined	5.00	2.40	1.70	2.00	3.30	2.60	-0.70	3	0.4
975	Nanded	Unkeshwar	Unconfined	5.00	2.96	1.80	8.30	3.20	2.04	-1.16	-3.3	-5.34
976	Nanded	Wadgaon (kh)	Unconfined	8.80	4.30	2.70	9.90	6.10	4.50	-1.60	-1.1	-5.6
977	Nanded	Wanwadi	Unconfined	10.50	8.45	-	6.20	-	2.05	-	4.3	2.25
978	Nanded	Waranga	Unconfined	11.00	4.90	0.80	5.10	10.20	6.10	-4.10	5.9	-0.2
979	Nandurbar	Akkalkuva	Unconfined	12.10	8.30	9.15	9.50	2.95	3.80	0.85	2.6	-1.2
980	Nandurbar	Ashti	Unconfined	7.10	6.30	2.90	6.00	4.20	0.80	-3.40	1.1	0.3
981	Nandurbar	Bajri Pati	Unconfined	7.70	5.10	3.90	3.30	3.80	2.60	-1.20	4.4	1.8
982	Nandurbar	Bhadavad	Unconfined	9.30	6.30	2.75	7.95	6.55	3.00	-3.55	1.35	-1.65
983	Nandurbar	Bhardu	Unconfined	7.35	3.00	1.80	6.00	5.55	4.35	-1.20	1.35	-3
984	Nandurbar	Dekhwad	Unconfined	7.20	5.30	7.70	10.00	-0.50	1.90	2.40	-2.8	-4.7
985	Nandurbar	Dhadgaon June_Pz	Unconfined	-	25.25	-	-	-	-	-	-	-
986	Nandurbar	Dhadgaon-1	Unconfined	3.90	4.15	3.80	5.20	0.10	-0.25	-0.35	-1.3	-1.05

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									May-18	Aug. 18	May-18	Nov. 2018
987	Nandurbar	Ghuli	Unconfined	11.60	7.00	5.15	5.60	6.45	4.60	-1.85	6	1.4
988	Nandurbar	Kahatool	Unconfined	21.00	10.55	9.95	21.00	11.05	10.45	-0.60	0	-10.45
989	Nandurbar	Kakarda	Unconfined	6.50	4.20	3.37	6.50	3.13	2.30	-0.83	0	-2.3
990	Nandurbar	Kathi	Unconfined	6.40	3.15	1.80	5.35	4.60	3.25	-1.35	1.05	-2.2
991	Nandurbar	Khapar	Unconfined	10.75	8.50	-	6.20	-	2.25	-	4.55	2.3
992	Nandurbar	Khuntamodi	Unconfined	2.20	2.10	2.15	1.00	0.05	0.10	0.05	1.2	1.1
993	Nandurbar	Loy	Unconfined	8.50	10.30	8.00	6.70	0.50	-1.80	-2.30	1.8	3.6
994	Nandurbar	Nandurbar	Unconfined	9.65	6.15	2.70	9.50	6.95	3.50	-3.45	0.15	-3.35
995	Nandurbar	Nawapur2	Unconfined	10.75	10.40	8.10	9.80	2.65	0.35	-2.30	0.95	0.6
996	Nandurbar	Rampur	Unconfined	24.95	22.10	28.00	7.50	-3.05	2.85	5.90	17.45	14.6
997	Nandurbar	Ranala	Unconfined	10.50	10.59	10.58	8.60	-0.08	-0.09	-0.01	1.9	1.99
998	Nandurbar	Rojhave	Unconfined	24.00	8.30	9.40	16.70	14.60	15.70	1.10	7.3	-8.4
999	Nandurbar	Shahada-1	Unconfined	4.20	6.60	6.60	6.60	-2.40	-2.40	0.00	-2.4	0
1,000	Nandurbar	Shravani	Unconfined	8.70	4.80	2.95	8.70	5.75	3.90	-1.85	0	-3.9
1,001	Nandurbar	Sundarde-1	Unconfined	9.45	10.70	2.70	11.70	6.75	-1.25	-8.00	-2.25	-1
1,002	Nandurbar	Survani	Unconfined	8.50	-	2.95	5.35	5.55	-	-	3.15	-
1,003	Nandurbar	Taloda 2	Unconfined	11.50	6.30	11.48	6.80	0.02	5.20	5.18	4.7	-0.5
1,004	Nandurbar	Vadkolambi	Unconfined	6.00	7.00	2.45	6.00	3.55	-1.00	-4.55	0	1
1,005	Nandurbar	Viasarwadi	Unconfined	12.20	6.80	12.20	10.30	0.00	5.40	5.40	1.9	-3.5
1,006	Nandurbar	Wadali-1	Unconfined	20.00	18.00	20.30	29.70	-0.30	2.00	2.30	-9.7	-11.7
1,007	Nashik	Adgaon-1	Unconfined	14.70	6.15	5.00	10.30	9.70	8.55	-1.15	4.4	-4.15
1,008	Nashik	Ajang	Unconfined	7.60	7.00	4.55	8.90	3.05	0.60	-2.45	-1.3	-1.9
1,009	Nashik	Ambapur-Shivar	Unconfined	2.85	2.85	2.60	-	0.25	0.00	-0.25	-	-
1,010	Nashik	Andarsul	Unconfined	5.35	6.10	7.45	7.05	-2.10	-0.75	1.35	-1.7	-0.95
1,011	Nashik	Angangaon	Unconfined	3.25	1.05	1.10	1.50	2.15	2.20	0.05	1.75	-0.45
1,012	Nashik	Baragaon Pimpri	Unconfined	8.10	4.50	4.70	5.15	3.40	3.60	0.20	2.95	-0.65
1,013	Nashik	Borgaon	Unconfined	7.85	7.85	5.50	4.80	2.35	0.00	-2.35	3.05	3.05
1,014	Nashik	Chachadgaon	Unconfined	8.10	3.50	5.15	6.10	2.95	4.60	1.65	2	-2.6
1,015	Nashik	Chandwad	Unconfined	12.00	7.95	6.45	12.00	5.55	4.05	-1.50	0	-4.05
1,016	Nashik	Chikhalohol	Unconfined	8.30	6.00	8.80	6.90	-0.50	2.30	2.80	1.4	-0.9
1,017	Nashik	Dabhadi	Unconfined	5.10	5.10	5.33	5.70	-0.23	0.00	0.23	-0.6	-0.6
1,018	Nashik	Dahalewadi	Unconfined	3.00	2.00	0.80	1.00	2.20	1.00	-1.20	2	1
1,019	Nashik	Dahiwal	Unconfined	6.60	3.80	2.60	4.40	4.00	2.80	-1.20	2.2	-0.6
1,020	Nashik	Dalwat	Unconfined	6.35	1.50	0.55	1.65	5.80	4.85	-0.95	4.7	-0.15
1,021	Nashik	Deola-1	Unconfined	8.60	10.00	9.80	14.70	-1.20	-1.40	-0.20	-6.1	-4.7
1,022	Nashik	Deolali	Unconfined	4.70	3.15	4.00	2.35	0.70	1.55	0.85	2.35	0.8
1,023	Nashik	Dhondegaon	Unconfined	7.50	3.90	1.17	12.60	6.33	3.60	-2.73	-5.1	-8.7
1,024	Nashik	Dhotarkheda	Unconfined	8.80	2.80	1.95	7.80	6.85	6.00	-0.85	1	-5
1,025	Nashik	Dindori	Unconfined	12.00	3.00	1.20	13.50	10.80	9.00	-1.80	-1.5	-10.5

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									May-18	Aug. 18	May-18	Nov. 2018
1,026	Nashik	Gangawadi	Unconfined	6.75	2.70	0.60	6.10	6.15	4.05	-2.10	0.65	-3.4
1,027	Nashik	Ghagbari	Unconfined	14.50	1.55	1.10	9.35	13.40	12.95	-0.45	5.15	-7.8
1,028	Nashik	Gosrane	Unconfined	16.80	7.10	7.70	10.80	9.10	9.70	0.60	6	-3.7
1,029	Nashik	Harsul	Unconfined	0.50	1.70	1.10	0.80	-0.60	-1.20	-0.60	-0.3	0.9
1,030	Nashik	Igatpuri_Pz	Unconfined	8.40	8.90	2.30	7.50	6.10	-0.50	-6.60	0.9	1.4
1,031	Nashik	Jaikheda	Unconfined	28.10	5.80	27.20	24.30	0.90	22.30	21.40	3.8	-18.5
1,032	Nashik	Jalgaon	Unconfined	10.20	4.70	9.80	8.20	0.40	5.50	5.10	2	-3.5
1,033	Nashik	Jalgaon(Ni)	Unconfined	10.00	-	10.00	8.20	0.00	-	-	1.8	-
1,034	Nashik	Jhodga	Unconfined	5.70	2.60	1.40	3.60	4.30	3.10	-1.20	2.1	-1
1,035	Nashik	Kalwan	Unconfined	18.85	19.50	16.60	-	2.25	-0.65	-2.90	-	-
1,036	Nashik	Karanjagavan	Unconfined	5.10	2.60	3.15	4.70	1.95	2.50	0.55	0.4	-2.1
1,037	Nashik	Karanjali	Unconfined	1.65	1.25	2.00	1.10	-0.35	0.40	0.75	0.55	0.15
1,038	Nashik	Khambale	Unconfined	1.30	3.25	0.80	1.00	0.50	-1.95	-2.45	0.3	2.25
1,039	Nashik	Khopdi Bk	Unconfined	4.60	-	1.00	3.80	3.60	-	-	0.8	-
1,040	Nashik	Kokanwadi	Unconfined	4.95	2.30	7.00	7.05	-2.05	2.65	4.70	-2.1	-4.75
1,041	Nashik	Kone	Unconfined	7.80	8.00	2.60	7.40	5.20	-0.20	-5.40	0.4	0.6
1,042	Nashik	Lakhamapur_Pz	Unconfined	4.35	2.00	1.54	5.00	2.81	2.35	-0.46	-0.65	-3
1,043	Nashik	Malwadi-1	Unconfined	10.00	11.00	10.80	10.80	-0.80	-1.00	-0.20	-0.8	0.2
1,044	Nashik	Manmad-1	Unconfined	1.35	1.45	1.50	1.00	-0.15	-0.10	0.05	0.35	0.45
1,045	Nashik	Marhal Kh	Unconfined	4.40	6.00	5.10	2.70	-0.70	-1.60	-0.90	1.7	3.3
1,046	Nashik	Matori	Unconfined	16.30	6.35	5.57	9.00	10.73	9.95	-0.78	7.3	-2.65
1,047	Nashik	Mhasrul	Unconfined	5.10	5.70	4.00	5.10	1.10	-0.60	-1.70	0	0.6
1,048	Nashik	Mukhane	Unconfined	7.00	6.99	1.75	7.00	5.25	0.01	-5.24	0	-0.01
1,049	Nashik	Nalegaon	Unconfined	6.00	1.40	1.90	7.70	4.10	4.60	0.50	-1.7	-6.3
1,050	Nashik	Nampur	Unconfined	41.00	12.50	41.00	30.00	0.00	28.50	28.50	11	-17.5
1,051	Nashik	Nampur-1	Unconfined	26.00	14.00	6.10	17.30	19.90	12.00	-7.90	8.7	-3.3
1,052	Nashik	Nandgaon	Unconfined	6.80	4.80	6.73	4.60	0.07	2.00	1.93	2.2	0.2
1,053	Nashik	Nandur Shirgate	Unconfined	7.85	2.80	3.45	5.15	4.40	5.05	0.65	2.7	-2.35
1,054	Nashik	Nashik_city-I	Unconfined	5.80	7.55	6.10	7.10	-0.30	-1.75	-1.45	-1.3	0.45
1,055	Nashik	Nashik_city-II	Unconfined	5.10	3.60	2.40	3.40	2.70	1.50	-1.20	1.7	0.2
1,056	Nashik	Pate	Unconfined	3.80	4.40	2.35	3.80	1.45	-0.60	-2.05	0	0.6
1,057	Nashik	Pathre Bk	Unconfined	2.35	6.65	2.50	4.00	-0.15	-4.30	-4.15	-1.65	2.65
1,058	Nashik	Peth	Unconfined	1.50	2.10	2.25	6.15	-0.75	-0.60	0.15	-4.65	-4.05
1,059	Nashik	Pimpalgaon Baswant	Unconfined	8.50	6.50	5.73	7.00	2.77	2.00	-0.77	1.5	-0.5
1,060	Nashik	Pimpalkothe	Unconfined	18.00	18.50	15.90	-	2.10	-0.50	-2.60	-	-
1,061	Nashik	Pimplas(Rama che)2	Unconfined	10.60	5.10	7.55	5.10	3.05	5.50	2.45	5.5	0
1,062	Nashik	Purangaon-Jalgaon	Unconfined	11.00	4.30	2.65	10.80	8.35	6.70	-1.65	0.2	-6.5
1,063	Nashik	Raigarh Nagar	Unconfined	6.80	-	2.22	1.00	4.58	-	-	5.8	-

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,064	Nashik	Rajapur	Unconfined	10.50	5.60	1.80	3.40	8.70	4.90	-3.80	7.1	2.2
1,065	Nashik	Raslapur	Unconfined	3.35	2.50	3.45	2.15	-0.10	0.85	0.95	1.2	0.35
1,066	Nashik	Ravalgaon	Unconfined	9.40	4.60	2.15	8.65	7.25	4.80	-2.45	0.75	-4.05
1,067	Nashik	Sakora	Unconfined	19.00	17.50	20.50	10.80	-1.50	1.50	3.00	8.2	6.7
1,068	Nashik	Saraste	Unconfined	8.00	4.10	2.50	3.10	5.50	3.90	-1.60	4.9	1
1,069	Nashik	Satana	Unconfined	17.95	18.50	19.15	18.50	-1.20	-0.55	0.65	-0.55	0
1,070	Nashik	Savargaon	Unconfined	10.00	3.90	4.17	5.25	5.83	6.10	0.27	4.75	-1.35
1,071	Nashik	Shinde-1	Unconfined	8.70	3.20	1.20	2.10	7.50	5.50	-2.00	6.6	1.1
1,072	Nashik	Sinnar	Unconfined	7.50	7.25	8.40	8.70	-0.90	0.25	1.15	-1.2	-1.45
1,073	Nashik	Sogras	Unconfined	10.75	9.90	3.64	10.10	7.11	0.85	-6.26	0.65	-0.2
1,074	Nashik	Surgana-1	Unconfined	4.70	4.70	1.20	-	3.50	0.00	-3.50	-	-
1,075	Nashik	Talegaon	Unconfined	9.50	3.50	3.35	4.50	6.15	6.00	-0.15	5	-1
1,076	Nashik	Tinghri_Pz	Unconfined	5.80	2.55	2.20	6.00	3.60	3.25	-0.35	-0.2	-3.45
1,077	Nashik	Toharabad	Unconfined	17.70	17.72	15.70	8.40	2.00	-0.02	-2.02	9.3	9.32
1,078	Nashik	Toharabad-1	Unconfined	12.00	3.80	2.10	8.40	9.90	8.20	-1.70	3.6	-4.6
1,079	Nashik	Trimbakeswar	Unconfined	3.10	2.55	1.30	1.20	1.80	0.55	-1.25	1.9	1.35
1,080	Nashik	Umrle Bk	Unconfined	5.20	2.60	2.85	5.70	2.35	2.60	0.25	-0.5	-3.1
1,081	Nashik	Umrane-1	Unconfined	14.45	14.00	14.60	9.00	-0.15	0.45	0.60	5.45	5
1,082	Nashik	Vani	Unconfined	4.20	4.40	1.80	5.30	2.40	-0.20	-2.60	-1.1	-0.9
1,083	Nashik	Vasali	Unconfined	12.50	-	1.62	7.10	10.88	-	-	5.4	-
1,084	Nashik	Vavi-1	Unconfined	10.80	8.00	11.20	9.90	-0.40	2.80	3.20	0.9	-1.9
1,085	Nashik	Vinchur-1	Unconfined	5.20	6.20	4.50	5.00	0.70	-1.00	-1.70	0.2	1.2
1,086	Nashik	Virgaon	Unconfined	22.40	22.40	21.60	26.00	0.80	0.00	-0.80	-3.6	-3.6
1,087	Nashik	Wadgaon Pingla	Unconfined	13.90	3.55	1.30	10.20	12.60	10.35	-2.25	3.7	-6.65
1,088	Nashik	Wadholi	Unconfined	4.90	1.25	2.94	3.50	1.96	3.65	1.69	1.4	-2.25
1,089	Nashik	Yeola	Unconfined	10.00	8.30	11.00	7.00	-1.00	1.70	2.70	3	1.3
1,090	Osmanabad	Anala	Unconfined	8.16	9.99	3.90	10.00	4.26	-1.83	-6.09	-1.84	-0.01
1,091	Osmanabad	Andur	Unconfined	0.20	-	0.70	9.50	-0.50	-	-	-9.3	-
1,092	Osmanabad	Babhalsur-1	Unconfined	13.75	-	8.20	15.10	5.55	-	-	-1.35	-
1,093	Osmanabad	Bhum-1	Unconfined	10.49	12.00	3.20	9.70	7.29	-1.51	-8.80	0.79	2.3
1,094	Osmanabad	Chilvadi	Unconfined	6.30	7.73	5.50	8.90	0.80	-1.43	-2.23	-2.6	-1.17
1,095	Osmanabad	Dhoki	Unconfined	11.05	13.45	11.00	13.10	0.05	-2.40	-2.45	-2.05	0.35
1,096	Osmanabad	Dhoral-1	Unconfined	15.75	15.50	9.50	14.70	6.25	0.25	-6.00	1.05	0.8
1,097	Osmanabad	Gandora	Unconfined	14.34	8.55	7.80	11.20	6.54	5.79	-0.75	3.14	-2.65
1,098	Osmanabad	Govindpur	Unconfined	7.80	7.07	2.80	7.20	5.00	0.73	-4.27	0.6	-0.13
1,099	Osmanabad	It-1	Unconfined	-	13.72	1.30	14.00	-	-	-12.42	-	-0.28
1,100	Osmanabad	Itkur	Unconfined	15.00	20.00	6.80	20.00	8.20	-5.00	-13.20	-5	0
1,101	Osmanabad	Jalkot-3	Unconfined	6.70	5.13	3.10	6.90	3.60	1.57	-2.03	-0.2	-1.77

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,102	Osmanabad	Kalamb-1	Unconfined	8.15	8.40	5.00	9.00	3.15	-0.25	-3.40	-0.85	-0.6
1,103	Osmanabad	Karajkheda	Unconfined	9.16	13.25	2.60	18.18	6.56	-4.09	-10.65	-9.02	-4.93
1,104	Osmanabad	Khanapur-1	Unconfined	13.00	-	3.20	9.00	9.80	-	-	4	-
1,105	Osmanabad	Kukadgaon	Unconfined	11.00	9.75	4.00	10.75	7.00	1.25	-5.75	0.25	-1
1,106	Osmanabad	Lohara Buzurg	Unconfined	3.81	3.95	1.10	4.45	2.71	-0.14	-2.85	-0.64	-0.5
1,107	Osmanabad	Makni	Unconfined	9.21	6.00	7.90	8.40	1.31	3.21	1.90	0.81	-2.4
1,108	Osmanabad	Massa (Khurd)	Unconfined	7.03	7.40	4.90	9.79	2.13	-0.37	-2.50	-2.76	-2.39
1,109	Osmanabad	Mouje Barul	Unconfined	9.14	8.90	7.30	10.00	1.84	0.24	-1.60	-0.86	-1.1
1,110	Osmanabad	Osmanabad-1	Unconfined	9.59	10.53	8.20	10.45	1.39	-0.94	-2.33	-0.86	0.08
1,111	Osmanabad	Paranda-1	Unconfined	10.23	14.00	10.30	14.00	-0.07	-3.77	-3.70	-3.77	0
1,112	Osmanabad	Pathrud3	Unconfined	1.77	6.70	2.50	2.50	-0.73	-4.93	-4.20	-0.73	4.2
1,113	Osmanabad	Pethsangavi	Unconfined	12.52	9.77	4.70	13.00	7.82	2.75	-5.07	-0.48	-3.23
1,114	Osmanabad	Pimpalwandi	Unconfined	5.01	10.09	3.50	10.09	1.51	-5.08	-6.59	-5.08	0
1,115	Osmanabad	Sanja	Unconfined	6.82	8.00	2.10	5.80	4.72	-1.18	-5.90	1.02	2.2
1,116	Osmanabad	Sarola	Unconfined	6.04	5.20	2.50	5.40	3.54	0.84	-2.70	0.64	-0.2
1,117	Osmanabad	Shiradhon	Unconfined	5.24	5.32	4.50	5.35	0.74	-0.08	-0.82	-0.11	-0.03
1,118	Osmanabad	Sonari	Unconfined	4.15	4.65	3.45	5.30	0.70	-0.50	-1.20	-1.15	-0.65
1,119	Osmanabad	Suratgaon-1	Unconfined	7.87	6.15	4.00	7.70	3.87	1.72	-2.15	0.17	-1.55
1,120	Osmanabad	Takiwiki	Unconfined	9.57	9.93	6.80	10.70	2.77	-0.36	-3.13	-1.13	-0.77
1,121	Osmanabad	Ter	Unconfined	7.90	-	8.40	8.33	-0.50	-	-	-0.43	-
1,122	Osmanabad	Tuljapur-3	Unconfined	6.95	-	8.10	9.29	-1.15	-	-	-2.34	-
1,123	Osmanabad	Turori	Unconfined	6.15	2.00	1.30	3.80	4.85	4.15	-0.70	2.35	-1.8
1,124	Osmanabad	Umerga	Unconfined	5.20	3.45	2.00	4.40	3.20	1.75	-1.45	0.8	-0.95
1,125	Osmanabad	Vadgaon Siddheswar	Unconfined	6.50	5.26	1.30	6.20	5.20	1.24	-3.96	0.3	-0.94
1,126	Osmanabad	Wakwad	Unconfined	4.55	-	1.00	13.00	3.55	-	-	-8.45	-
1,127	Osmanabad	Wasi-1	Unconfined	11.41	-	6.80	10.35	4.61	-	-	1.06	-
1,128	Osmanabad	Yedshi	Unconfined	3.51	10.70	8.00	10.70	-4.49	-7.19	-2.70	-7.19	0
1,129	Osmanabad	Yermala_Pz	Unconfined	9.93	30.00	8.20	10.80	1.73	-20.07	-21.80	-0.87	19.2
1,130	Parbhani	Amberwadi	Unconfined	11.20	7.05	-	10.60	-	4.15	-	0.6	-3.55
1,131	Parbhani	Anjanawadi-1	Unconfined	10.32	4.60	1.30	9.40	9.02	5.72	-3.30	0.92	-4.8
1,132	Parbhani	Avalgaon	Unconfined	7.00	9.00	5.50	13.70	1.50	-2.00	-3.50	-6.7	-4.7
1,133	Parbhani	Bori	Unconfined	12.10	8.00	2.30	13.50	9.80	4.10	-5.70	-1.4	-5.5
1,134	Parbhani	Charthana-1	Unconfined	8.50	4.10	-	7.60	-	4.40	-	0.9	-3.5
1,135	Parbhani	Chikhalthana	Unconfined	14.80	12.55	10.60	14.45	4.20	2.25	-1.95	0.35	-1.9
1,136	Parbhani	Daithana	Unconfined	-	14.40	15.00	16.60	-	-	0.60	-	-2.2
1,137	Parbhani	Devgaon	Unconfined	12.50	14.90	8.70	13.50	3.80	-2.40	-6.20	-1	1.4
1,138	Parbhani	Dhar	Unconfined	9.10	6.25	-	7.95	-	2.85	-	1.15	-1.7
1,139	Parbhani	Dharmapur	Unconfined	35.00	5.00	3.30	6.80	31.70	30.00	-1.70	28.2	-1.8

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,140	Parbhani	Gangakhed-3	Unconfined	9.00	10.70	8.70	10.40	0.30	-1.70	-2.00	-1.4	0.3
1,141	Parbhani	Gojegaon	Unconfined	7.75	2.35	2.30	6.00	5.45	5.40	-0.05	1.75	-3.65
1,142	Parbhani	Hadgaon-1	Unconfined	7.50	7.35	7.70	7.55	-0.20	0.15	0.35	-0.05	-0.2
1,143	Parbhani	Isath	Unconfined	11.00	9.50	9.30	10.99	1.70	1.50	-0.20	0.01	-1.49
1,144	Parbhani	Jhari-1	Unconfined	14.80	5.80	7.20	13.35	7.60	9.00	1.40	1.45	-7.55
1,145	Parbhani	Jintur	Unconfined	-	5.40	3.90	6.50	-	-	-1.50	-	-1.1
1,146	Parbhani	Karegaon	Unconfined	8.32	9.45	6.20	12.90	2.12	-1.13	-3.25	-4.58	-3.45
1,147	Parbhani	Kerwadi	Unconfined	13.20	8.70	-	10.80	-	4.50	-	2.4	-2.1
1,148	Parbhani	Kola	Unconfined	15.00	12.30	-	29.59	-	2.70	-	-14.59	-17.29
1,149	Parbhani	Kotamwadi	Unconfined	5.00	1.80	-	2.15	-	3.20	-	2.85	-0.35
1,150	Parbhani	Loni	Unconfined	2.12	4.62	2.80	4.90	-0.68	-2.50	-1.82	-2.78	-0.28
1,151	Parbhani	Mankeswar	Unconfined	10.00	6.00	3.70	7.10	6.30	4.00	-2.30	2.9	-1.1
1,152	Parbhani	Manwat	Unconfined	5.00	5.65	3.00	7.75	2.00	-0.65	-2.65	-2.75	-2.1
1,153	Parbhani	Moregaon	Unconfined	12.50	12.20	8.80	13.10	3.70	0.30	-3.40	-0.6	-0.9
1,154	Parbhani	Panchegaon-1	Unconfined	12.00	7.90	4.30	9.20	7.70	4.10	-3.60	2.8	-1.3
1,155	Parbhani	Pangri	Unconfined	6.10	5.45	6.60	6.70	-0.50	0.65	1.15	-0.6	-1.25
1,156	Parbhani	Parbhani-I	Unconfined	8.00	4.15	4.30	4.25	3.70	3.85	0.15	3.75	-0.1
1,157	Parbhani	Parbhani-II	Unconfined	2.00	5.65	5.35	1.20	-3.35	-3.65	-0.30	0.8	4.45
1,158	Parbhani	Pathri-1	Unconfined	6.50	5.55	2.20	7.05	4.30	0.95	-3.35	-0.55	-1.5
1,159	Parbhani	Pedgaon2	Unconfined	6.85	6.15	5.20	7.65	1.65	0.70	-0.95	-0.8	-1.5
1,160	Parbhani	Rani Sawargaon-1	Unconfined	17.00	7.45	6.80	16.99	10.20	9.55	-0.65	0.01	-9.54
1,161	Parbhani	Selu	Unconfined	7.10	6.17	5.50	8.47	1.60	0.93	-0.67	-1.37	-2.3
1,162	Parbhani	Singanapur	Unconfined	5.10	5.85	2.20	8.60	2.90	-0.75	-3.65	-3.5	-2.75
1,163	Parbhani	Tadkalas	Unconfined	1.80	4.35	-	3.15	-	-2.55	-	-1.35	1.2
1,164	Parbhani	Tarborgaon	Unconfined	13.80	14.25	6.40	17.15	7.40	-0.45	-7.85	-3.35	-2.9
1,165	Parbhani	Wadgaon	Unconfined	20.20	18.20	-	21.30	-	2.00	-	-1.1	-3.1
1,166	Parbhani	Wadi Pati	Unconfined	0.60	0.90	-	3.10	-	-0.30	-	-2.5	-2.2
1,167	Parbhani	Walur-1	Unconfined	17.22	6.82	-	18.60	-	10.40	-	-1.38	-11.78
1,168	Pune	Ale-1	Unconfined	9.51	12.40	6.40	8.00	3.11	-2.89	-6.00	1.51	4.4
1,169	Pune	Ane	Unconfined	11.20	5.50	6.60	8.40	4.60	5.70	1.10	2.8	-2.9
1,170	Pune	Ausari Khurd-1	Unconfined	5.70	2.20	1.90	7.60	3.80	3.50	-0.30	-1.9	-5.4
1,171	Pune	Baramati	Unconfined	0.01	4.60	0.01	1.40	0.00	-4.59	-4.59	-1.39	3.2
1,172	Pune	Belhe-1	Unconfined	11.10	20.50	10.10	10.50	1.00	-9.40	-10.40	0.6	10
1,173	Pune	Bhadalwadi	Unconfined	4.20	7.79	6.90	1.40	-2.70	-3.59	-0.89	2.8	6.39
1,174	Pune	Bukum	Unconfined	8.10	1.60	1.00	2.20	7.10	6.50	-0.60	5.9	-0.6
1,175	Pune	Dhumalwadi	Unconfined	7.10	5.20	9.00	10.08	-1.90	1.90	3.80	-2.98	-4.88
1,176	Pune	Dorlewadi	Unconfined	2.70	3.60	4.50	5.60	-1.80	-0.90	0.90	-2.9	-2
1,177	Pune	Jejuri	Unconfined	7.60	4.00	1.80	5.55	5.80	3.60	-2.20	2.05	-1.55
1,178	Pune	Junnar	Unconfined	-	7.80	7.90	3.60	-	-	0.10	-	4.2

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,179	Pune	Kalamb	Unconfined	8.20	-	8.50	8.50	-0.30	-	-	-0.3	-
1,180	Pune	Kamatwadi-Walha	Unconfined	3.90	14.20	13.00	11.00	-9.10	-10.30	-1.20	-7.1	3.2
1,181	Pune	Kamshet	Unconfined	2.10	0.01	0.01	1.03	2.09	2.09	0.00	1.07	-1.02
1,182	Pune	Kamunde	Unconfined	4.60	5.60	4.00	4.00	0.60	-1.00	-1.60	0.6	1.6
1,183	Pune	Karanje	Unconfined	7.50	3.00	5.70	3.94	1.80	4.50	2.70	3.56	-0.94
1,184	Pune	Kasurdi-1	Unconfined	3.89	3.20	0.50	2.70	3.39	0.69	-2.70	1.19	0.5
1,185	Pune	Khadki	Unconfined	4.10	2.40	1.60	4.28	2.50	1.70	-0.80	-0.18	-1.88
1,186	Pune	Kharabwadi	Unconfined	9.90	4.90	7.60	7.00	2.30	5.00	2.70	2.9	-2.1
1,187	Pune	Kolawade	Unconfined	4.23	2.60	1.10	3.25	3.13	1.63	-1.50	0.98	-0.65
1,188	Pune	Kolwan	Unconfined	6.70	2.20	2.70	2.40	4.00	4.50	0.50	4.3	-0.2
1,189	Pune	Lonawala	Unconfined	2.15	1.80	0.50	1.63	1.65	0.35	-1.30	0.52	0.17
1,190	Pune	Loni (Ambegaon)	Unconfined	3.15	5.20	0.50	6.07	2.65	-2.05	-4.70	-2.92	-0.87
1,191	Pune	Mahalunge Padval_Pz	Unconfined	-	-	-	5.88	-	-	-	-	-
1,192	Pune	Mulshi	Unconfined	2.70	0.01	0.01	0.01	2.69	2.69	0.00	2.69	0
1,193	Pune	Narayangaon	Unconfined	7.30	6.00	6.60	7.30	0.70	1.30	0.60	0	-1.3
1,194	Pune	Narayanpur	Unconfined	6.55	0.40	0.01	7.16	6.54	6.15	-0.39	-0.61	-6.76
1,195	Pune	Nhavare-1	Unconfined	8.70	9.80	5.00	10.75	3.70	-1.10	-4.80	-2.05	-0.95
1,196	Pune	Nimbgaon-Ketke	Unconfined	14.50	14.49	12.40	9.69	2.10	0.01	-2.09	4.81	4.8
1,197	Pune	Otur	Unconfined	15.40	15.90	14.50	16.50	0.90	-0.50	-1.40	-1.1	-0.6
1,198	Pune	Pabal New	Unconfined	8.20	-	5.50	8.17	2.70	-	-	0.03	-
1,199	Pune	Pangre Sailar Basti	Unconfined	7.70	3.20	3.40	6.85	4.30	4.50	0.20	0.85	-3.65
1,200	Pune	Parne	Unconfined	5.40	9.50	4.10	6.96	1.30	-4.10	-5.40	-1.56	2.54
1,201	Pune	Patas	Unconfined	1.20	1.40	1.40	1.74	-0.20	-0.20	0.00	-0.54	-0.34
1,202	Pune	Pimpri (Kh) Malvasti	Unconfined	5.70	3.80	4.50	5.68	1.20	1.90	0.70	0.02	-1.88
1,203	Pune	Pune	Unconfined	3.45	6.40	2.70	5.55	0.75	-2.95	-3.70	-2.1	0.85
1,204	Pune	Rajgurnagar (Khed)	Unconfined	3.10	1.90	0.70	1.75	2.40	1.20	-1.20	1.35	0.15
1,205	Pune	Sakurde	Unconfined	5.40	1.50	1.00	3.85	4.40	3.90	-0.50	1.55	-2.35
1,206	Pune	Shikrapur	Unconfined	6.40	6.30	6.00	6.83	0.40	0.10	-0.30	-0.43	-0.53
1,207	Pune	Shirur	Unconfined	13.00	11.50	9.20	11.40	3.80	1.50	-2.30	1.6	0.1
1,208	Pune	Shivpur Khed	Unconfined	8.80	0.70	0.01	5.77	8.79	8.10	-0.69	3.03	-5.07
1,209	Pune	Undavri Kade Pathar	Unconfined	7.70	7.60	4.40	8.79	3.30	0.10	-3.20	-1.09	-1.19
1,210	Pune	Uruli Kanchan-1	Unconfined	7.73	8.90	7.00	8.70	0.73	-1.17	-1.90	-0.97	0.2
1,211	Pune	Wagholi-1	Unconfined	5.60	3.00	1.80	6.13	3.80	2.60	-1.20	-0.53	-3.13
1,212	Pune	Wehle	Unconfined	2.70	0.60	0.01	1.25	2.69	2.10	-0.59	1.45	-0.65
1,213	Pune	Zendewadi-1	Unconfined	13.10	14.60	4.10	15.25	9.00	-1.50	-10.50	-2.15	-0.65
1,214	Raigad	Ajivali-1	Unconfined	4.46	1.30	0.60	-	3.86	3.16	-0.70	-	-
1,215	Raigad	Bilji (Umta)	Unconfined	2.70	1.50	1.00	2.90	1.70	1.20	-0.50	-0.2	-1.4
1,216	Raigad	Chandore	Unconfined	3.40	2.80	0.01	1.75	3.39	0.60	-2.79	1.65	1.05

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									May-18	Aug. 18	May-18	Nov. 2018
1,217	Raigad	Chinchwad	Unconfined	7.30	1.40	0.01	2.93	7.29	5.90	-1.39	4.37	-1.53
1,218	Raigad	Dapoli	Unconfined	3.40	1.00	0.40	1.30	3.00	2.40	-0.60	2.1	-0.3
1,219	Raigad	Hudhre Budruk (Karjat	Unconfined	3.70	0.30	0.01	1.16	3.69	3.40	-0.29	2.54	-0.86
1,220	Raigad	Indapur	Unconfined	5.10	-	-	-	-	-	-	-	-
1,221	Raigad	Indapur-1	Unconfined	5.10	2.30	0.01	3.00	5.09	2.80	-2.29	2.1	-0.7
1,222	Raigad	Jite	Unconfined	6.50	0.80	0.60	0.76	5.90	5.70	-0.20	5.74	0.04
1,223	Raigad	Kargaon	Unconfined	3.50	1.40	0.01	1.45	3.49	2.10	-1.39	2.05	-0.05
1,224	Raigad	Kelte	Unconfined	3.30	1.30	0.01	1.70	3.29	2.00	-1.29	1.6	-0.4
1,225	Raigad	Kembulde	Unconfined	4.65	1.90	0.01	3.90	4.64	2.75	-1.89	0.75	-2
1,226	Raigad	Khalapur	Unconfined	2.65	3.00	1.80	3.70	0.85	-0.35	-1.20	-1.05	-0.7
1,227	Raigad	Kharapati	Unconfined	2.70	0.60	0.50	1.53	2.20	2.10	-0.10	1.17	-0.93
1,228	Raigad	Khutal	Unconfined	3.15	1.40	1.20	2.50	1.95	1.75	-0.20	0.65	-1.1
1,229	Raigad	Kude	Unconfined	4.60	3.80	0.20	5.14	4.40	0.80	-3.60	-0.54	-1.34
1,230	Raigad	Kumbharcha Kosta Bk	Unconfined	3.90	1.30	0.70	1.52	3.20	2.60	-0.60	2.38	-0.22
1,231	Raigad	Madegaon	Unconfined	2.50	2.10	1.00	2.11	1.50	0.40	-1.10	0.39	-0.01
1,232	Raigad	Murud	Unconfined	-	1.40	0.80	2.21	-	-	-0.60	-	-0.81
1,233	Raigad	Nagaon	Unconfined	1.83	1.40	0.01	3.74	1.82	0.43	-1.39	-1.91	-2.34
1,234	Raigad	Nagothan-1	Unconfined	1.30	1.00	0.01	1.20	1.29	0.30	-0.99	0.1	-0.2
1,235	Raigad	Navade-1	Unconfined	-	1.80	0.60	2.30	-	-	-1.20	-	-0.5
1,236	Raigad	Neral	Unconfined	2.31	-	-	-	-	-	-	-	-
1,237	Raigad	Pali	Unconfined	5.70	1.00	0.20	1.70	5.50	4.70	-0.80	4	-0.7
1,238	Raigad	Phugaon	Unconfined	5.70	1.20	0.40	1.49	5.30	4.50	-0.80	4.21	-0.29
1,239	Raigad	Poladpur	Unconfined	4.71	2.80	0.90	4.23	3.81	1.91	-1.90	0.48	-1.43
1,240	Raigad	Poynad	Unconfined	3.10	2.30	1.60	0.61	1.50	0.80	-0.70	2.49	1.69
1,241	Raigad	Saigaon Govalwadi	Unconfined	1.70	1.90	1.40	2.14	0.30	-0.20	-0.50	-0.44	-0.24
1,242	Raigad	Shenvai-1	Unconfined	5.10	2.70	0.01	3.57	5.09	2.40	-2.69	1.53	-0.87
1,243	Raigad	Sochinde	Unconfined	3.72	1.80	0.01	2.70	3.71	1.92	-1.79	1.02	-0.9
1,244	Raigad	Sukeli	Unconfined	5.72	1.50	1.00	1.83	4.72	4.22	-0.50	3.89	-0.33
1,245	Raigad	Targhar	Unconfined	-	2.30	-	-	-	-	-	-	-
1,246	Raigad	Temple	Unconfined	2.70	2.70	0.01	1.80	2.69	0.00	-2.69	0.9	0.9
1,247	Raigad	Vadkhal	Unconfined	3.70	1.50	0.20	0.66	3.50	2.20	-1.30	3.04	0.84
1,248	Raigad	Vadva Bk	Unconfined	3.60	2.20	0.30	3.50	3.30	1.40	-1.90	0.1	-1.3
1,249	Raigad	Valvade Shababaj	Unconfined	1.80	3.10	0.01	3.61	1.79	-1.30	-3.09	-1.81	-0.51
1,250	Raigad	Varandha	Unconfined	6.15	2.80	1.30	3.18	4.85	3.35	-1.50	2.97	-0.38
1,251	Raigad	Veshwi	Unconfined	7.10	4.90	1.50	6.01	5.60	2.20	-3.40	1.09	-1.11
1,252	Ratnagiri	Aarvali	Unconfined	8.75	-	-	-	-	-	-	-	-
1,253	Ratnagiri	Aawashi	Unconfined	4.40	4.70	1.80	5.30	2.60	-0.30	-2.90	-0.9	-0.6
1,254	Ratnagiri	Abloli	Unconfined	6.75	5.35	2.15	5.70	4.60	1.40	-3.20	1.05	-0.35

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									May-18	Aug. 18	May-18	Nov. 2018
1,255	Ratnagiri	Agave	Unconfined	4.10	1.90	0.01	2.10	4.09	2.20	-1.89	2	-0.2
1,256	Ratnagiri	Ambed Budruk	Unconfined	3.28	3.00	0.55	3.00	2.73	0.28	-2.45	0.28	0
1,257	Ratnagiri	Chafe Katalwadi	Unconfined	6.50	11.00	2.30	5.20	4.20	-4.50	-8.70	1.3	5.8
1,258	Ratnagiri	Chiplun	Unconfined	2.00	3.90	0.50	1.70	1.50	-1.90	-3.40	0.3	2.2
1,259	Ratnagiri	Dabhole	Unconfined	5.70	4.60	0.95	4.50	4.75	1.10	-3.65	1.2	0.1
1,260	Ratnagiri	Dabhole Belkarwadi	Unconfined	8.50	7.60	1.80	7.80	6.70	0.90	-5.80	0.7	-0.2
1,261	Ratnagiri	Dapoli	Unconfined	9.00	8.20	-	9.30	-	0.80	-	-0.3	-1.1
1,262	Ratnagiri	Dasturi	Unconfined	8.20	5.40	0.60	3.00	7.60	2.80	-4.80	5.2	2.4
1,263	Ratnagiri	Dattawadi	Unconfined	12.20	13.10	6.60	13.20	5.60	-0.90	-6.50	-1	-0.1
1,264	Ratnagiri	Devghar	Unconfined	6.30	5.00	2.40	5.50	3.90	1.30	-2.60	0.8	-0.5
1,265	Ratnagiri	Devghar	Unconfined	9.00	6.80	2.40	9.00	6.60	2.20	-4.40	0	-2.2
1,266	Ratnagiri	Devrukh	Unconfined	9.00	14.80	4.40	5.10	4.60	-5.80	-10.40	3.9	9.7
1,267	Ratnagiri	Dhamnand	Unconfined	-	4.90	3.00	3.80	-	-	-1.90	-	1.1
1,268	Ratnagiri	Dhamni	Unconfined	5.60	9.15	1.65	-	3.95	-3.55	-7.50	-	-
1,269	Ratnagiri	Dhartale	Unconfined	3.40	5.50	2.90	6.30	0.50	-2.10	-2.60	-2.9	-0.8
1,270	Ratnagiri	Dugvay	Unconfined	4.00	2.90	1.00	3.00	3.00	1.10	-1.90	1	-0.1
1,271	Ratnagiri	Ganapati Pule-1	Unconfined	19.00	16.20	10.80	15.50	8.20	2.80	-5.40	3.5	0.7
1,272	Ratnagiri	Gawane	Unconfined	5.40	5.90	4.00	6.70	1.40	-0.50	-1.90	-1.3	-0.8
1,273	Ratnagiri	Guhagar-1	Unconfined	-	2.20	1.00	1.40	-	-	-1.20	-	0.8
1,274	Ratnagiri	Hatiwale	Unconfined	10.00	9.65	3.40	9.50	6.60	0.35	-6.25	0.5	0.15
1,275	Ratnagiri	Jaigarh	Unconfined	21.00	20.40	14.05	20.00	6.95	0.60	-6.35	1	0.4
1,276	Ratnagiri	Jaitapur	Unconfined	3.20	2.70	1.50	3.00	1.70	0.50	-1.20	0.2	-0.3
1,277	Ratnagiri	Jakadevi	Unconfined	12.90	11.80	1.50	12.00	11.40	1.10	-10.30	0.9	-0.2
1,278	Ratnagiri	Jalgaon	Unconfined	12.80	8.40	3.10	10.80	9.70	4.40	-5.30	2	-2.4
1,279	Ratnagiri	Kalambani	Unconfined	3.50	2.00	3.30	3.10	0.20	1.50	1.30	0.4	-1.1
1,280	Ratnagiri	Kamathe	Unconfined	6.00	2.05	0.01	-	5.99	3.95	-2.04	-	-
1,281	Ratnagiri	Karanjani	Unconfined	7.00	5.00	1.00	6.50	6.00	2.00	-4.00	0.5	-1.5
1,282	Ratnagiri	Karanjari	Unconfined	14.80	10.15	9.60	15.60	5.20	4.65	-0.55	-0.8	-5.45
1,283	Ratnagiri	Kashedi	Unconfined	6.00	5.20	0.80	4.50	5.20	0.80	-4.40	1.5	0.7
1,284	Ratnagiri	Kasheli	Unconfined	-	-	-	4.90	-	-	-	-	-
1,285	Ratnagiri	Khandala	Unconfined	3.90	1.10	0.55	2.40	3.35	2.80	-0.55	1.5	-1.3
1,286	Ratnagiri	Khed	Unconfined	2.00	2.55	-	2.50	-	-0.55	-	-0.5	0.05
1,287	Ratnagiri	Khopi	Unconfined	1.40	1.80	-	-	-	-0.40	-	-	-
1,288	Ratnagiri	Kotluk	Unconfined	8.65	5.65	1.65	5.40	7.00	3.00	-4.00	3.25	0.25
1,289	Ratnagiri	Kumble	Unconfined	4.20	3.00	0.70	3.20	3.50	1.20	-2.30	1	-0.2
1,290	Ratnagiri	Lajul Sada	Unconfined	11.00	10.60	9.20	11.60	1.80	0.40	-1.40	-0.6	-1
1,291	Ratnagiri	Mahapral	Unconfined	4.45	3.90	0.85	3.90	3.60	0.55	-3.05	0.55	0
1,292	Ratnagiri	Mandangarh	Unconfined	9.00	8.40	3.80	8.80	5.20	0.60	-4.60	0.2	-0.4

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									May-18	Aug. 18	May-18	Nov. 2018
1,293	Ratnagiri	Mandki	Unconfined	4.00	2.50	0.85	1.80	3.15	1.50	-1.65	2.2	0.7
1,294	Ratnagiri	Morewadi(Agave)	Unconfined	15.50	13.50	6.70	13.90	8.80	2.00	-6.80	1.6	-0.4
1,295	Ratnagiri	Muchari (Bhatadewadi)	Unconfined	9.50	5.65	-	8.40	-	3.85	-	1.1	-2.75
1,296	Ratnagiri	Oni	Unconfined	10.00	8.50	0.90	9.70	9.10	1.50	-7.60	0.3	-1.2
1,297	Ratnagiri	Pachad	Unconfined	3.00	1.00	0.80	1.50	2.20	2.00	-0.20	1.5	-0.5
1,298	Ratnagiri	Pali-1	Unconfined	13.20	11.10	5.30	12.30	7.90	2.10	-5.80	0.9	-1.2
1,299	Ratnagiri	Pawas	Unconfined	4.10	3.00	1.70	3.40	2.40	1.10	-1.30	0.7	-0.4
1,300	Ratnagiri	Pimper	Unconfined	6.70	6.70	2.70	6.40	4.00	0.00	-4.00	0.3	0.3
1,301	Ratnagiri	Pomendi	Unconfined	14.70	12.00	6.70	13.00	8.00	2.70	-5.30	1.7	-1
1,302	Ratnagiri	Pomendi (Kh)	Unconfined	4.85	6.00	2.40	4.80	2.45	-1.15	-3.60	0.05	1.2
1,303	Ratnagiri	Pophali	Unconfined	5.20	5.25	4.30	5.30	0.90	-0.05	-0.95	-0.1	-0.05
1,304	Ratnagiri	Raipatan	Unconfined	5.50	5.70	1.60	8.00	3.90	-0.20	-4.10	-2.5	-2.3
1,305	Ratnagiri	Rajapur	Unconfined	14.25	13.50	10.50	14.00	3.75	0.75	-3.00	0.25	-0.5
1,306	Ratnagiri	Ratnagiri-1	Unconfined	2.20	3.00	0.40	2.10	1.80	-0.80	-2.60	0.1	0.9
1,307	Ratnagiri	Saitwade	Unconfined	8.40	7.30	1.25	7.30	7.15	1.10	-6.05	1.1	0
1,308	Ratnagiri	Sakarpa	Unconfined	11.00	9.65	4.30	7.90	6.70	1.35	-5.35	3.1	1.75
1,309	Ratnagiri	Shirgaon	Unconfined	9.40	8.50	4.80	8.90	4.60	0.90	-3.70	0.5	-0.4
1,310	Ratnagiri	Shringartale-1	Unconfined	4.75	4.35	2.05	6.30	2.70	0.40	-2.30	-1.55	-1.95
1,311	Ratnagiri	Solgaon	Unconfined	7.40	3.00	1.80	2.50	5.60	4.40	-1.20	4.9	0.5
1,312	Ratnagiri	Talsure	Unconfined	1.60	3.70	0.40	1.20	1.20	-2.10	-3.30	0.4	2.5
1,313	Ratnagiri	Tetavli (Kadamvadi)	Unconfined	10.90	7.80	3.30	8.80	7.60	3.10	-4.50	2.1	-1
1,314	Ratnagiri	Umroli	Unconfined	6.00	5.00	1.40	5.10	4.60	1.00	-3.60	0.9	-0.1
1,315	Ratnagiri	Vaked	Unconfined	3.23	3.00	0.01	6.50	3.22	0.23	-2.99	-3.27	-3.5
1,316	Ratnagiri	Vakvali	Unconfined	4.00	2.50	0.20	2.90	3.80	1.50	-2.30	1.1	-0.4
1,317	Ratnagiri	Varewadi	Unconfined	5.80	4.70	2.00	4.70	3.80	1.10	-2.70	1.1	0
1,318	Ratnagiri	Veral_Pz	Unconfined	-	30.00	-	-	-	-	-	-	-
1,319	Ratnagiri	Visapur	Unconfined	6.43	3.90	2.60	4.30	3.83	2.53	-1.30	2.13	-0.4
1,320	Ratnagiri	Walope Buddhvadi	Unconfined	4.10	1.50	1.00	3.00	3.10	2.60	-0.50	1.1	-1.5
1,321	Ratnagiri	Wave	Unconfined	-	4.80	-	-	-	-	-	-	-
1,322	Sangli	Alkud	Unconfined	8.00	9.20	7.20	10.30	0.80	-1.20	-2.00	-2.3	-1.1
1,323	Sangli	Arag	Unconfined	0.65	0.90	0.70	0.20	-0.05	-0.25	-0.20	0.45	0.7
1,324	Sangli	Ashta	Unconfined	5.60	2.75	3.00	5.20	2.60	2.85	0.25	0.4	-2.45
1,325	Sangli	Atpadi-1	Unconfined	17.39	2.10	9.80	7.35	7.59	15.29	7.70	10.04	-5.25
1,326	Sangli	Bambwade	Unconfined	4.20	3.60	2.90	7.25	1.30	0.60	-0.70	-3.05	-3.65
1,327	Sangli	Bedag	Unconfined	5.00	11.00	4.30	8.40	0.70	-6.00	-6.70	-3.4	2.6
1,328	Sangli	Belavade	Unconfined	3.20	5.60	4.50	5.40	-1.30	-2.40	-1.10	-2.2	0.2
1,329	Sangli	Bhose	Unconfined	5.70	5.80	6.10	7.90	-0.40	-0.10	0.30	-2.2	-2.1
1,330	Sangli	Bilur	Unconfined	-	17.25	14.50	19.00	-	-	-2.75	-	-1.75

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,331	Sangli	Borgaon	Unconfined	-	-	-	4.40	-	-	-	-	-
1,332	Sangli	Ghanwad_Anandpur	Unconfined	0.80	3.50	3.60	3.50	-2.80	-2.70	0.10	-2.7	0
1,333	Sangli	Jath	Unconfined	12.19	8.20	7.45	9.30	4.74	3.99	-0.75	2.89	-1.1
1,334	Sangli	Kadepur	Unconfined	4.80	3.80	3.85	-	0.95	1.00	0.05	-	-
1,335	Sangli	Kargani	Unconfined	2.60	3.00	2.90	3.20	-0.30	-0.40	-0.10	-0.6	-0.2
1,336	Sangli	Karnal-1	Unconfined	2.50	2.20	2.90	4.35	-0.40	0.30	0.70	-1.85	-2.15
1,337	Sangli	Kawathe Mahankal	Unconfined	2.80	5.20	5.00	5.50	-2.20	-2.40	-0.20	-2.7	-0.3
1,338	Sangli	Khanapur	Unconfined	-	8.59	7.65	8.40	-	-	-0.94	-	0.19
1,339	Sangli	Kirloskarwadi	Unconfined	5.00	2.30	3.40	3.65	1.60	2.70	1.10	1.35	-1.35
1,340	Sangli	Kuchi	Unconfined	9.30	13.20	14.30	12.90	-5.00	-3.90	1.10	-3.6	0.3
1,341	Sangli	Kumbhari	Unconfined	5.70	5.30	5.10	5.70	0.60	0.40	-0.20	0	-0.4
1,342	Sangli	Miraj-1	Unconfined	4.70	3.15	3.50	4.75	1.20	1.55	0.35	-0.05	-1.6
1,343	Sangli	Nimaj-1	Unconfined	1.50	3.20	5.00	5.40	-3.50	-1.70	1.80	-3.9	-2.2
1,344	Sangli	Palashi-1	Unconfined	13.00	9.20	7.20	10.50	5.80	3.80	-2.00	2.5	-1.3
1,345	Sangli	Panmalewadi	Unconfined	2.00	3.50	3.75	4.20	-1.75	-1.50	0.25	-2.2	-0.7
1,346	Sangli	Peth	Unconfined	6.00	3.85	4.48	5.15	1.52	2.15	0.63	0.85	-1.3
1,347	Sangli	Sagareshwar	Unconfined	3.60	3.60	3.65	4.10	-0.05	0.00	0.05	-0.5	-0.5
1,348	Sangli	Sangli_city	Unconfined	-	1.40	3.00	4.00	-	-	1.60	-	-2.6
1,349	Sangli	Sangli_Inamdhamni	Unconfined	3.00	2.10	2.10	3.50	0.90	0.90	0.00	-0.5	-1.4
1,350	Sangli	Sangli_Sangalwadi	Unconfined	5.80	7.90	9.00	10.40	-3.20	-2.10	1.10	-4.6	-2.5
1,351	Sangli	Sarati	Unconfined	0.90	2.90	5.30	3.30	-4.40	-2.00	2.40	-2.4	-0.4
1,352	Sangli	Shegaon	Unconfined	3.00	3.70	3.35	2.40	-0.35	-0.70	-0.35	0.6	1.3
1,353	Sangli	Shene	Unconfined	14.10	7.10	10.45	8.20	3.65	7.00	3.35	5.9	-1.1
1,354	Sangli	Shirala	Unconfined	0.50	1.90	2.90	2.40	-2.40	-1.40	1.00	-1.9	-0.5
1,355	Sangli	Takari	Unconfined	3.00	2.30	2.60	3.45	0.40	0.70	0.30	-0.45	-1.15
1,356	Sangli	Tasgaon 1	Unconfined	4.80	4.60	4.30	5.15	0.50	0.20	-0.30	-0.35	-0.55
1,357	Sangli	Tung	Unconfined	4.20	3.90	9.00	7.80	-4.80	0.30	5.10	-3.6	-3.9
1,358	Sangli	Umbargaon	Unconfined	-	9.20	6.40	12.00	-	-	-2.80	-	-2.8
1,359	Sangli	Valsang	Unconfined	-	10.00	9.70	10.00	-	-	-0.30	-	0
1,360	Sangli	Vibhutwadi-1	Unconfined	12.00	16.00	16.00	15.70	-4.00	-4.00	0.00	-3.7	0.3
1,361	Sangli	Visapur	Unconfined	1.10	1.10	1.40	2.50	-0.30	0.00	0.30	-1.4	-1.4
1,362	Sangli	Wangi-1	Unconfined	1.00	2.50	3.60	2.40	-2.60	-1.50	1.10	-1.4	0.1
1,363	Sangli	Yelavi	Unconfined	5.60	5.60	6.45	7.30	-0.85	0.00	0.85	-1.7	-1.7
1,364	Satara	Arvi-1	Unconfined	5.50	6.40	5.20	7.75	0.30	-0.90	-1.20	-2.25	-1.35
1,365	Satara	Atit	Unconfined	-	2.30	2.10	3.10	-	-	-0.20	-	-0.8
1,366	Satara	Aundh	Unconfined	7.40	8.00	6.10	9.35	1.30	-0.60	-1.90	-1.95	-1.35
1,367	Satara	Barad	Unconfined	12.80	19.00	14.20	17.40	-1.40	-6.20	-4.80	-4.6	1.6
1,368	Satara	Bhade	Unconfined	-	6.70	8.70	9.45	-	-	2.00	-	-2.75

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									May-18	Aug. 18	May-18	Nov. 2018
1,369	Satara	Bhairavnath Nagar	Unconfined	5.00	1.70	2.90	7.30	2.10	3.30	1.20	-2.3	-5.6
1,370	Satara	Budh	Unconfined	5.00	6.10	5.00	8.50	0.00	-1.10	-1.10	-3.5	-2.4
1,371	Satara	Chinchner Vandan	Unconfined	0.60	1.00	0.15	2.10	0.45	-0.40	-0.85	-1.5	-1.1
1,372	Satara	Chinchni Kanher	Unconfined	-	8.80	5.40	9.85	-	-	-3.40	-	-1.05
1,373	Satara	Dahivadi	Unconfined	2.60	-	-	3.10	-	-	-	-0.5	-
1,374	Satara	Dhebevadi	Unconfined	4.00	4.40	1.00	7.70	3.00	-0.40	-3.40	-3.7	-3.3
1,375	Satara	Javali	Unconfined	6.70	9.60	10.50	9.65	-3.80	-2.90	0.90	-2.95	-0.05
1,376	Satara	Katar Khataav	Unconfined	7.00	6.60	8.65	7.20	-1.65	0.40	2.05	-0.2	-0.6
1,377	Satara	Kondve	Unconfined	-	3.70	3.15	7.50	-	-	-0.55	-	-3.8
1,378	Satara	Koregaon	Unconfined	7.50	5.50	5.70	7.10	1.80	2.00	0.20	0.4	-1.6
1,379	Satara	Limb Sheri	Unconfined	14.10	11.40	11.90	11.50	2.20	2.70	0.50	2.6	-0.1
1,380	Satara	Lonand	Unconfined	-	-	5.50	5.40	-	-	-	-	-
1,381	Satara	Malharpeth	Unconfined	11.50	11.70	7.30	12.30	4.20	-0.20	-4.40	-0.8	-0.6
1,382	Satara	Malkapur	Unconfined	-	1.90	1.80	3.45	-	-	-0.10	-	-1.55
1,383	Satara	Manainagar	Unconfined	-	2.50	1.80	3.10	-	-	-0.70	-	-0.6
1,384	Satara	Manjarvadi (Mol)	Unconfined	1.00	2.80	0.40	5.30	0.60	-1.80	-2.40	-4.3	-2.5
1,385	Satara	Mardi	Unconfined	5.10	2.20	9.10	4.90	-4.00	2.90	6.90	0.2	-2.7
1,386	Satara	Mayani	Unconfined	9.60	8.70	10.40	12.30	-0.80	0.90	1.70	-2.7	-3.6
1,387	Satara	Medha	Unconfined	-	0.80	1.50	4.25	-	-	0.70	-	-3.45
1,388	Satara	Mhaswad	Unconfined	10.10	9.20	6.40	8.90	3.70	0.90	-2.80	1.2	0.3
1,389	Satara	Mirgaon	Unconfined	8.90	11.80	11.30	11.80	-2.40	-2.90	-0.50	-2.9	0
1,390	Satara	Mogarle	Unconfined	3.60	5.00	7.10	6.60	-3.50	-1.40	2.10	-3	-1.6
1,391	Satara	Morgiri (Shivpurpeth)	Unconfined	-	0.80	0.50	1.20	-	-	-0.30	-	-0.4
1,392	Satara	Muttalvadi	Unconfined	1.30	1.90	1.70	4.90	-0.40	-0.60	-0.20	-3.6	-3
1,393	Satara	Nimblak	Unconfined	2.40	2.10	2.40	4.25	0.00	0.30	0.30	-1.85	-2.15
1,394	Satara	Nimblak_Pz	Unconfined	-	2.40	3.10	4.35	-	-	0.70	-	-1.95
1,395	Satara	Nimbore_1	Unconfined	6.20	8.50	3.90	10.90	2.30	-2.30	-4.60	-4.7	-2.4
1,396	Satara	Pal	Unconfined	1.00	1.60	1.75	2.60	-0.75	-0.60	0.15	-1.6	-1
1,397	Satara	Panchgani	Unconfined	-	8.60	3.00	10.30	-	-	-5.60	-	-1.7
1,398	Satara	Patan	Unconfined	-	-	0.60	1.20	-	-	-	-	-
1,399	Satara	Phaltan	Unconfined	3.50	-	8.70	4.00	-5.20	-	-	-0.5	-
1,400	Satara	Pimpode (Bk)-1	Unconfined	2.40	-	1.80	4.30	0.60	-	-	-1.9	-
1,401	Satara	Pingli	Unconfined	7.20	5.00	7.00	9.20	0.20	2.20	2.00	-2	-4.2
1,402	Satara	Rehmatpur	Unconfined	7.00	9.40	5.00	5.40	2.00	-2.40	-4.40	1.6	4
1,403	Satara	Satara	Unconfined	1.60	1.90	2.40	3.10	-0.80	-0.30	0.50	-1.5	-1.2
1,404	Satara	Savantwadi (Jinti)	Unconfined	2.70	2.30	1.20	-	1.50	0.40	-1.10	-	-
1,405	Satara	Shendre	Unconfined	1.75	0.70	1.00	1.65	0.75	1.05	0.30	0.1	-0.95
1,406	Satara	Shenwadi	Unconfined	4.10	5.10	5.20	6.45	-1.10	-1.00	0.10	-2.35	-1.35

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									May-18	Aug. 18	May-18	Nov. 2018
1,407	Satara	Shirwal	Unconfined	6.10	10.30	8.30	3.60	-2.20	-4.20	-2.00	2.5	6.7
1,408	Satara	Surur	Unconfined	-	9.00	10.30	21.20	-	-	1.30	-	-12.2
1,409	Satara	Tathvade	Unconfined	6.00	11.60	7.76	10.00	-1.76	-5.60	-3.84	-4	1.6
1,410	Satara	Thakurki_Phaltan	Unconfined	8.80	7.80	6.20	10.30	2.60	1.00	-1.60	-1.5	-2.5
1,411	Satara	Undale	Unconfined	4.00	1.20	1.35	4.70	2.65	2.80	0.15	-0.7	-3.5
1,412	Satara	Vaduth	Unconfined	-	4.20	4.05	5.10	-	-	-0.15	-	-0.9
1,413	Satara	Varade	Unconfined	-	2.70	3.80	6.00	-	-	1.10	-	-3.3
1,414	Satara	Velkhandwadi (Tarli)	Unconfined	1.30	5.20	4.90	6.80	-3.60	-3.90	-0.30	-5.5	-1.6
1,415	Satara	Vikhle	Unconfined	3.60	-	7.00	6.60	-3.40	-	-	-3	-
1,416	Satara	Wai	Unconfined	-	3.40	2.80	4.30	-	-	-0.60	-	-0.9
1,417	Satara	Wathar (Station)	Unconfined	19.40	14.25	19.80	20.00	-0.40	5.15	5.55	-0.6	-5.75
1,418	Satara	Wavarhire-1	Unconfined	4.30	3.90	4.80	5.80	-0.50	0.40	0.90	-1.5	-1.9
1,419	Satara	Yelgaon-1	Unconfined	4.70	1.80	1.90	-	2.80	2.90	0.10	-	-
1,420	Satara	Yerphale	Unconfined	2.00	-	2.00	3.30	0.00	-	-	-1.3	-
1,421	Sindudurg	Aadali (Dewalwadi)	Unconfined	9.15	9.00	7.15	8.80	2.00	0.15	-1.85	0.35	0.2
1,422	Sindudurg	Aadeli (Pednekarwadi)	Unconfined	6.00	2.70	0.01	2.70	5.99	3.30	-2.69	3.3	0
1,423	Sindudurg	Achare	Unconfined	3.75	4.10	0.80	2.60	2.95	-0.35	-3.30	1.15	1.5
1,424	Sindudurg	Achirne	Unconfined	3.30	4.10	0.60	4.10	2.70	-0.80	-3.50	-0.8	0
1,425	Sindudurg	Achra	Unconfined	16.40	14.70	10.40	14.20	6.00	1.70	-4.30	2.2	0.5
1,426	Sindudurg	Amboli-1	Unconfined	5.35	2.40	0.25	4.50	5.10	2.95	-2.15	0.85	-2.1
1,427	Sindudurg	Ambrad	Unconfined	4.65	4.70	0.65	5.00	4.00	-0.05	-4.05	-0.35	-0.3
1,428	Sindudurg	Chendwan	Unconfined	2.30	2.00	0.75	1.60	1.55	0.30	-1.25	0.7	0.4
1,429	Sindudurg	Chouke	Unconfined	6.90	6.40	2.15	4.10	4.75	0.50	-4.25	2.8	2.3
1,430	Sindudurg	Danoli	Unconfined	2.35	2.60	0.95	2.30	1.40	-0.25	-1.65	0.05	0.3
1,431	Sindudurg	Deogarh	Unconfined	14.07	11.00	3.80	11.40	10.27	3.07	-7.20	2.67	-0.4
1,432	Sindudurg	Dewoolwada	Unconfined	5.10	3.80	2.00	3.80	3.10	1.30	-1.80	1.3	0
1,433	Sindudurg	Dodamarga	Unconfined	4.80	2.40	0.95	2.10	3.85	2.40	-1.45	2.7	0.3
1,434	Sindudurg	Hadi (Gaonkarwadi)	Unconfined	11.20	9.70	6.90	9.80	4.30	1.50	-2.80	1.4	-0.1
1,435	Sindudurg	Insuli	Unconfined	6.75	5.00	0.85	5.00	5.90	1.75	-4.15	1.75	0
1,436	Sindudurg	Kanedi Bazar	Unconfined	5.35	2.95	1.60	4.80	3.75	2.40	-1.35	0.55	-1.85
1,437	Sindudurg	Kankavalli	Unconfined	4.90	-	-	-	-	-	-	-	-
1,438	Sindudurg	Kankavalli-1	Unconfined	5.20	2.85	1.90	2.90	3.30	2.35	-0.95	2.3	-0.05
1,439	Sindudurg	Kasal	Unconfined	13.00	10.50	-	11.20	-	2.50	-	1.8	-0.7
1,440	Sindudurg	Khare Patan	Unconfined	6.75	6.40	1.60	6.40	5.15	0.35	-4.80	0.35	0
1,441	Sindudurg	Koloshe	Unconfined	4.45	3.70	0.60	4.10	3.85	0.75	-3.10	0.35	-0.4
1,442	Sindudurg	Kudal	Unconfined	7.52	3.90	1.80	6.00	5.72	3.62	-2.10	1.52	-2.1
1,443	Sindudurg	Kunkaule	Unconfined	6.70	3.90	4.90	6.70	1.80	2.80	1.00	0	-2.8
1,444	Sindudurg	Madkhol	Unconfined	5.10	4.15	1.30	3.40	3.80	0.95	-2.85	1.7	0.75

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									May-18	Aug. 18	May-18	Nov. 2018
1,445	Sindudurg	Malwan	Unconfined	8.50	8.15	7.20	7.80	1.30	0.35	-0.95	0.7	0.35
1,446	Sindudurg	Mangaon Bazar	Unconfined	5.40	2.20	0.25	3.20	5.15	3.20	-1.95	2.2	-1
1,447	Sindudurg	Math-1	Unconfined	7.40	5.55	1.85	6.00	5.55	1.85	-3.70	1.4	-0.45
1,448	Sindudurg	Matond (Ghodemukh)	Unconfined	3.35	2.20	1.20	2.80	2.15	1.15	-1.00	0.55	-0.6
1,449	Sindudurg	Nandgaon	Unconfined	-	8.30	2.60	9.00	-	-	-5.70	-	-0.7
1,450	Sindudurg	Narange	Unconfined	8.40	7.20	4.60	6.90	3.80	1.20	-2.60	1.5	0.3
1,451	Sindudurg	Nirwad	Unconfined	7.25	5.30	3.85	4.80	3.40	1.95	-1.45	2.45	0.5
1,452	Sindudurg	Palsamb	Unconfined	6.70	7.40	1.30	6.60	5.40	-0.70	-6.10	0.1	0.8
1,453	Sindudurg	Phanasgaon	Unconfined	13.40	12.45	10.30	12.30	3.10	0.95	-2.15	1.1	0.15
1,454	Sindudurg	Phonda	Unconfined	6.80	6.80	1.70	6.00	5.10	0.00	-5.10	0.8	0.8
1,455	Sindudurg	Pomburla	Unconfined	-	10.35	-	-	-	-	-	-	-
1,456	Sindudurg	Ramgarh	Unconfined	4.00	3.30	2.30	3.50	1.70	0.70	-1.00	0.5	-0.2
1,457	Sindudurg	Sasole	Unconfined	8.40	10.15	7.60	8.40	0.80	-1.75	-2.55	0	1.75
1,458	Sindudurg	Sawantwadi	Unconfined	3.70	1.55	0.35	1.20	3.35	2.15	-1.20	2.5	0.35
1,459	Sindudurg	Sawarwad	Unconfined	4.15	2.00	0.55	2.40	3.60	2.15	-1.45	1.75	-0.4
1,460	Sindudurg	Sherley	Unconfined	8.25	7.20	2.35	6.10	5.90	1.05	-4.85	2.15	1.1
1,461	Sindudurg	Shirgaon (Shirgar)	Unconfined	2.00	4.60	0.80	2.00	1.20	-2.60	-3.80	0	2.6
1,462	Sindudurg	Sindhudurg RH	Unconfined	8.20	6.50	-	6.90	-	1.70	-	1.3	-0.4
1,463	Sindudurg	Sindhunagari	Unconfined	3.00	4.50	-	-	-	-1.50	-	-	-
1,464	Sindudurg	Tale Bazar	Unconfined	15.00	10.35	4.90	11.70	10.10	4.65	-5.45	3.3	-1.35
1,465	Sindudurg	Terela	Unconfined	12.20	8.15	5.00	10.00	7.20	4.05	-3.15	2.2	-1.85
1,466	Sindudurg	Vados	Unconfined	2.75	1.10	0.01	1.30	2.74	1.65	-1.09	1.45	-0.2
1,467	Sindudurg	Vagothan	Unconfined	16.75	14.90	9.35	16.00	7.40	1.85	-5.55	0.75	-1.1
1,468	Sindudurg	Vardivarwade	Unconfined	14.45	11.20	9.55	11.90	4.90	3.25	-1.65	2.55	-0.7
1,469	Sindudurg	Vengurla	Unconfined	7.15	6.70	3.75	6.40	3.40	0.45	-2.95	0.75	0.3
1,470	Sindudurg	Vijaydurg	Unconfined	8.45	8.40	8.25	8.70	0.20	0.05	-0.15	-0.25	-0.3
1,471	Sindudurg	Wada	Unconfined	-	4.56	3.85	4.60	-	-	-0.71	-	-0.04
1,472	Sindudurg	Wareri	Unconfined	18.10	16.00	10.00	16.20	8.10	2.10	-6.00	1.9	-0.2
1,473	Sindudurg	Wareri-1	Unconfined	16.15	14.50	7.50	4.50	8.65	1.65	-7.00	11.65	10
1,474	Sindudurg	Zarap	Unconfined	5.39	2.50	-	3.10	-	2.89	-	2.29	-0.6
1,475	Solapur	Ajoti	Unconfined	9.98	-	7.10	14.60	2.88	-	-	-4.62	-
1,476	Solapur	Akkalkot	Unconfined	5.17	6.17	3.82	7.90	1.35	-1.00	-2.35	-2.73	-1.73
1,477	Solapur	Angar	Unconfined	9.62	8.75	9.40	8.40	0.22	0.87	0.65	1.22	0.35
1,478	Solapur	Barshi Town	Unconfined	7.74	7.58	5.30	-	2.44	0.16	-2.28	-	-
1,479	Solapur	Bhandi-Shegaon	Unconfined	9.09	5.80	4.60	8.05	4.49	3.29	-1.20	1.04	-2.25
1,480	Solapur	Bhose-1	Unconfined	17.00	-	8.90	8.80	8.10	-	-	8.2	-
1,481	Solapur	Bhosre	Unconfined	12.85	13.70	3.40	12.40	9.45	-0.85	-10.30	0.45	1.3
1,482	Solapur	Bitergaon Haveli-1	Unconfined	7.32	-	8.00	-	-0.68	-	-	-	-

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,483	Solapur	Boramani	Unconfined	6.27	-	7.00	10.89	-0.73	-	-	-4.62	-
1,484	Solapur	Brahmapuri	Unconfined	5.85	-	3.60	7.47	2.25	-	-	-1.62	-
1,485	Solapur	Chikarde	Unconfined	9.60	8.70	5.80	8.63	3.80	0.90	-2.90	0.97	0.07
1,486	Solapur	Chincholi	Unconfined	11.19	11.80	10.00	7.90	1.19	-0.61	-1.80	3.29	3.9
1,487	Solapur	Dhanore	Unconfined	7.15	-	4.20	9.65	2.95	-	-	-2.5	-
1,488	Solapur	Dharmपुर	Unconfined	5.05	6.00	3.10	6.00	1.95	-0.95	-2.90	-0.95	0
1,489	Solapur	Eklaspur	Unconfined	5.72	5.30	3.80	7.00	1.92	0.42	-1.50	-1.28	-1.7
1,490	Solapur	Hivre	Unconfined	6.87	8.77	10.70	7.50	-3.83	-1.90	1.93	-0.63	1.27
1,491	Solapur	Ichgaon	Unconfined	13.52	9.35	10.00	11.00	3.52	4.17	0.65	2.52	-1.65
1,492	Solapur	Jeur	Unconfined	5.04	4.00	3.80	4.20	1.24	1.04	-0.20	0.84	-0.2
1,493	Solapur	Junoni	Unconfined	6.74	-	5.60	7.50	1.14	-	-	-0.76	-
1,494	Solapur	Kandar	Unconfined	0.90	1.50	0.80	1.50	0.10	-0.60	-0.70	-0.6	0
1,495	Solapur	Karkamb	Unconfined	10.83	10.70	11.10	11.90	-0.27	0.13	0.40	-1.07	-1.2
1,496	Solapur	Karmala	Unconfined	6.50	10.90	2.50	4.20	4.00	-4.40	-8.40	2.3	6.7
1,497	Solapur	Kegaon	Unconfined	0.78	1.45	0.50	9.01	0.28	-0.67	-0.95	-8.23	-7.56
1,498	Solapur	Kurul	Unconfined	9.00	8.20	10.30	14.29	-1.30	0.80	2.10	-5.29	-6.09
1,499	Solapur	Madha	Unconfined	8.96	10.53	9.00	9.30	-0.04	-1.57	-1.53	-0.34	1.23
1,500	Solapur	Mahud (Bk)-1	Unconfined	4.04	4.48	3.50	8.55	0.54	-0.44	-0.98	-4.51	-4.07
1,501	Solapur	Malegaon	Unconfined	-	4.60	4.70	4.90	-	-	0.10	-	-0.3
1,502	Solapur	Malsiras	Unconfined	5.69	5.50	6.20	4.60	-0.51	0.19	0.70	1.09	0.9
1,503	Solapur	Manegaon	Unconfined	10.63	10.80	7.50	13.70	3.13	-0.17	-3.30	-3.07	-2.9
1,504	Solapur	Mangalvedha	Unconfined	7.17	8.87	7.25	3.60	-0.08	-1.70	-1.62	3.57	5.27
1,505	Solapur	Manjri	Unconfined	-	4.50	6.70	10.99	-	-	2.20	-	-6.49
1,506	Solapur	Marwade	Unconfined	6.52	-	4.60	8.10	1.92	-	-	-1.58	-
1,507	Solapur	Mohol	Unconfined	18.21	-	17.30	16.10	0.91	-	-	2.11	-
1,508	Solapur	Nagaj	Unconfined	10.35	10.33	10.80	9.60	-0.45	0.02	0.47	0.75	0.73
1,509	Solapur	Nagansur	Unconfined	10.26	-	10.00	11.45	0.26	-	-	-1.19	-
1,510	Solapur	Nandni	Unconfined	4.92	3.87	4.10	3.70	0.82	1.05	0.23	1.22	0.17
1,511	Solapur	Nannaj	Unconfined	8.55	8.70	8.00	10.20	0.55	-0.15	-0.70	-1.65	-1.5
1,512	Solapur	Narayan Chincholi	Unconfined	3.11	-	0.60	1.90	2.51	-	-	1.21	-
1,513	Solapur	Nari	Unconfined	-	12.50	9.20	12.99	-	-	-3.30	-	-0.49
1,514	Solapur	Natepute-1	Unconfined	4.12	3.90	4.00	4.15	0.12	0.22	0.10	-0.03	-0.25
1,515	Solapur	Pandharpur	Unconfined	-	6.70	-	9.15	-	-	-	-	-2.45
1,516	Solapur	Pangri	Unconfined	3.90	3.82	1.00	9.19	2.90	0.08	-2.82	-5.29	-5.37
1,517	Solapur	Parite	Unconfined	9.05	9.50	8.40	9.80	0.65	-0.45	-1.10	-0.75	-0.3
1,518	Solapur	Piliv	Unconfined	5.92	7.00	6.75	7.75	-0.83	-1.08	-0.25	-1.83	-0.75
1,519	Solapur	Pout	Unconfined	9.00	-	-	-	-	-	-	-	-
1,520	Solapur	Ranzani	Unconfined	4.68	4.90	5.00	5.40	-0.32	-0.22	0.10	-0.72	-0.5

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									May-18	Aug. 18	May-18	Nov. 2018
1,521	Solapur	Rople	Unconfined	22.00	-	10.80	8.55	11.20	-	-	13.45	-
1,522	Solapur	Salmukh	Unconfined	2.43	2.92	2.00	3.20	0.43	-0.49	-0.92	-0.77	-0.28
1,523	Solapur	Sangam	Unconfined	-	-	3.40	4.95	-	-	-	-	-
1,524	Solapur	Sangola	Unconfined	6.54	7.52	6.90	7.45	-0.36	-0.98	-0.62	-0.91	0.07
1,525	Solapur	Shelgaon	Unconfined	10.02	-	11.30	15.10	-1.28	-	-	-5.08	-
1,526	Solapur	Shetphal-1	Unconfined	16.82	18.20	17.40	17.65	-0.58	-1.38	-0.80	-0.83	0.55
1,527	Solapur	Shivne	Unconfined	2.68	2.00	2.90	2.10	-0.22	0.68	0.90	0.58	-0.1
1,528	Solapur	Sohole	Unconfined	6.29	6.25	0.50	7.80	5.79	0.04	-5.75	-1.51	-1.55
1,529	Solapur	Soregaon	Unconfined	6.62	8.32	6.10	8.90	0.52	-1.70	-2.22	-2.28	-0.58
1,530	Solapur	Tembhurni	Unconfined	11.41	-	-	11.80	-	-	-	-0.39	-
1,531	Solapur	Ule	Unconfined	7.78	8.50	5.20	10.40	2.58	-0.72	-3.30	-2.62	-1.9
1,532	Solapur	Varkute	Unconfined	8.11	10.10	8.00	11.10	0.11	-1.99	-2.10	-2.99	-1
1,533	Solapur	Velapur	Unconfined	8.91	9.80	5.35	7.10	3.56	-0.89	-4.45	1.81	2.7
1,534	Solapur	Wadhegaon	Unconfined	6.50	4.30	6.40	7.30	0.10	2.20	2.10	-0.8	-3
1,535	Solapur	Wagdhari-1	Unconfined	2.72	4.47	2.00	8.10	0.72	-1.75	-2.47	-5.38	-3.63
1,536	Thane	Aashagadh	Unconfined	6.16	3.45	2.20	4.90	3.96	2.71	-1.25	1.26	-1.45
1,537	Thane	Agashi	Unconfined	5.42	1.95	1.95	3.70	3.47	3.47	0.00	1.72	-1.75
1,538	Thane	Amangaon (Amne)	Unconfined	7.60	3.65	1.60	3.81	6.00	3.95	-2.05	3.79	-0.16
1,539	Thane	Ambadi	Unconfined	7.00	3.70	1.80	-	5.20	3.30	-1.90	-	-
1,540	Thane	Ambesari	Unconfined	5.00	2.60	1.50	3.40	3.50	2.40	-1.10	1.6	-0.8
1,541	Thane	Angaon	Unconfined	5.50	2.07	1.10	3.90	4.40	3.43	-0.97	1.6	-1.83
1,542	Thane	Balkhapara	Unconfined	4.16	1.23	0.80	2.00	3.36	2.93	-0.43	2.16	-0.77
1,543	Thane	Belgaon	Unconfined	4.30	3.18	0.70	4.70	3.60	1.12	-2.48	-0.4	-1.52
1,544	Thane	Bhaindarpada	Unconfined	5.10	2.88	1.40	3.65	3.70	2.22	-1.48	1.45	-0.77
1,545	Thane	Bharsatmet	Unconfined	3.60	2.28	0.90	2.50	2.70	1.32	-1.38	1.1	-0.22
1,546	Thane	Bhoipada (Kasaba)_Pz	Unconfined	16.20	6.65	3.30	15.80	12.90	9.55	-3.35	0.4	-9.15
1,547	Thane	Bramhanwadi	Unconfined	3.50	2.30	1.40	2.70	2.10	1.20	-0.90	0.8	-0.4
1,548	Thane	Cherfully	Unconfined	6.52	3.81	2.00	2.50	4.52	2.71	-1.81	4.02	1.31
1,549	Thane	Dahanu	Unconfined	4.12	4.82	4.00	4.90	0.12	-0.70	-0.82	-0.78	-0.08
1,550	Thane	Dahisar Mori	Unconfined	-	2.67	3.90	6.20	-	-	1.23	-	-3.53
1,551	Thane	Dapchari Takarpada	Unconfined	7.05	6.05	3.90	6.20	3.15	1.00	-2.15	0.85	-0.15
1,552	Thane	Devbandh	Unconfined	7.55	2.59	2.10	2.60	5.45	4.96	-0.49	4.95	-0.01
1,553	Thane	Devkop	Unconfined	7.29	-	0.90	4.50	6.39	-	-	2.79	-
1,554	Thane	Dhawarpada	Unconfined	8.92	3.20	1.70	4.90	7.22	5.72	-1.50	4.02	-1.7
1,555	Thane	Dhekale	Unconfined	1.90	1.64	0.70	1.30	1.20	0.26	-0.94	0.6	0.34
1,556	Thane	Ganjad	Unconfined	4.62	1.55	1.20	2.30	3.42	3.07	-0.35	2.32	-0.75
1,557	Thane	Giraj	Unconfined	4.38	2.30	1.00	3.65	3.38	2.08	-1.30	0.73	-1.35
1,558	Thane	Gothanpada	Unconfined	4.42	3.25	0.90	4.10	3.52	1.17	-2.35	0.32	-0.85

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									May-18	Aug. 18	May-18	Nov. 2018
1,559	Thane	Hetutane	Unconfined	3.14	1.00	0.90	1.30	2.24	2.14	-0.10	1.84	-0.3
1,560	Thane	Jogamargepada	Unconfined	7.00	3.90	1.10	-	5.90	3.10	-2.80	-	-
1,561	Thane	Kajli	Unconfined	4.75	1.85	1.00	2.90	3.75	2.90	-0.85	1.85	-1.05
1,562	Thane	Kajupada - Manor	Unconfined	-	5.27	2.00	6.20	-	-	-3.27	-	-0.93
1,563	Thane	Karahe	Unconfined	4.72	0.90	0.50	2.90	4.22	3.82	-0.40	1.82	-2
1,564	Thane	Kasa	Unconfined	3.09	5.13	1.90	3.01	1.19	-2.04	-3.23	0.08	2.12
1,565	Thane	Katolwadi (Mulgaon)	Unconfined	3.52	2.15	0.60	3.20	2.92	1.37	-1.55	0.32	-1.05
1,566	Thane	Kelva Beach	Unconfined	4.16	2.95	1.70	3.90	2.46	1.21	-1.25	0.26	-0.95
1,567	Thane	Khanivade	Unconfined	1.70	1.53	2.10	1.60	-0.40	0.17	0.57	0.1	-0.07
1,568	Thane	Khardi-1	Unconfined	-	1.73	0.40	2.10	-	-	-1.33	-	-0.37
1,569	Thane	Khodala	Unconfined	4.82	2.55	2.10	2.30	2.72	2.27	-0.45	2.52	0.25
1,570	Thane	Kolimb (KOLAM)	Unconfined	4.39	1.67	1.40	2.30	2.99	2.72	-0.27	2.09	-0.63
1,571	Thane	Man-Dodipada	Unconfined	6.70	3.18	-	-	-	3.52	-	-	-
1,572	Thane	Mokhada	Unconfined	5.43	2.58	2.80	2.40	2.63	2.85	0.22	3.03	0.18
1,573	Thane	Murbad	Unconfined	2.20	1.25	1.10	1.15	1.10	0.95	-0.15	1.05	0.1
1,574	Thane	Navali-1	Unconfined	3.31	1.95	0.30	2.40	3.01	1.36	-1.65	0.91	-0.45
1,575	Thane	Nishanpada	Unconfined	-	1.37	1.00	3.00	-	-	-0.37	-	-1.63
1,576	Thane	Padgha	Unconfined	3.16	1.98	1.00	1.90	2.16	1.18	-0.98	1.26	0.08
1,577	Thane	Parol	Unconfined	3.75	2.55	1.20	3.90	2.55	1.20	-1.35	-0.15	-1.35
1,578	Thane	Pasheri	Unconfined	5.75	-	-	-	-	-	-	-	-
1,579	Thane	Pendharichapada	Unconfined	4.30	5.35	1.30	2.90	3.00	-1.05	-4.05	1.4	2.45
1,580	Thane	Pimpleshwar	Unconfined	2.16	4.20	1.90	4.80	0.26	-2.04	-2.30	-2.64	-0.6
1,581	Thane	Pulachiwadi	Unconfined	6.32	1.89	0.50	2.55	5.82	4.43	-1.39	3.77	-0.66
1,582	Thane	Rinzadpada (Kanchad)	Unconfined	5.25	2.37	1.40	3.90	3.85	2.88	-0.97	1.35	-1.53
1,583	Thane	Saiwan	Unconfined	4.37	4.07	3.00	5.90	1.37	0.30	-1.07	-1.53	-1.83
1,584	Thane	Sandor	Unconfined	3.60	-	-	-	-	-	-	-	-
1,585	Thane	Saravali	Unconfined	6.03	-	-	-	-	-	-	-	-
1,586	Thane	Sarsun	Unconfined	6.41	2.45	0.50	3.10	5.91	3.96	-1.95	3.31	-0.65
1,587	Thane	Sathgaon	Unconfined	5.10	1.35	0.60	2.50	4.50	3.75	-0.75	2.6	-1.15
1,588	Thane	Shendrun_Pz	Unconfined	16.50	-	-	-	-	-	-	-	-
1,589	Thane	Shiroshi-1	Unconfined	5.10	2.23	0.70	3.00	4.40	2.87	-1.53	2.1	-0.77
1,590	Thane	Somata	Unconfined	9.00	6.17	5.00	7.40	4.00	2.83	-1.17	1.6	-1.23
1,591	Thane	Talempada (Bihigaon)	Unconfined	6.82	3.17	1.00	4.80	5.82	3.65	-2.17	2.02	-1.63
1,592	Thane	Tokavade (Tokoda)	Unconfined	4.18	1.76	1.15	2.20	3.03	2.42	-0.61	1.98	-0.44
1,593	Thane	Udhwa	Unconfined	5.26	4.13	2.70	4.40	2.56	1.13	-1.43	0.86	-0.27
1,594	Thane	Uttan	Unconfined	2.45	-	0.01	-	2.44	-	-	-	-
1,595	Thane	Vajreshwari	Unconfined	3.10	1.87	1.60	1.90	1.50	1.23	-0.27	1.2	-0.03
1,596	Thane	Vasai phata	Unconfined	3.16	1.42	0.01	1.80	3.15	1.74	-1.41	1.36	-0.38

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									May-18	Aug. 18	May-18	Nov. 2018
1,597	Thane	Vikramgad	Unconfined	4.43	2.70	1.60	-	2.83	1.73	-1.10	-	-
1,598	Thane	Wafana	Unconfined	9.65	-	-	-	-	-	-	-	-
1,599	Thane	Yeur	Unconfined	-	-	-	3.80	-	-	-	-	-
1,600	Wardha	Ajda	Unconfined	4.15	3.15	1.20	2.87	2.95	1.00	-1.95	1.28	0.28
1,601	Wardha	Alipur	Unconfined	9.80	3.20	4.94	6.31	4.86	6.60	1.74	3.49	-3.11
1,602	Wardha	Anji	Unconfined	7.60	7.20	7.34	8.17	0.26	0.40	0.14	-0.57	-0.97
1,603	Wardha	Arvi_Pz	Unconfined	11.10	10.30	6.22	10.27	4.88	0.80	-4.08	0.83	0.03
1,604	Wardha	Ashti	Unconfined	3.02	1.82	1.35	2.57	1.67	1.20	-0.47	0.45	-0.75
1,605	Wardha	Ashti_Pz	Unconfined	7.10	5.30	4.78	6.45	2.32	1.80	-0.52	0.65	-1.15
1,606	Wardha	Bhidi	Unconfined	4.90	1.60	1.87	3.10	3.03	3.30	0.27	1.8	-1.5
1,607	Wardha	Dahegaon	Unconfined	11.60	3.40	6.81	11.10	4.79	8.20	3.41	0.5	-7.7
1,608	Wardha	Dahigaon	Unconfined	6.85	4.25	4.35	6.07	2.50	2.60	0.10	0.78	-1.82
1,609	Wardha	Daroda	Unconfined	5.25	1.85	0.69	3.91	4.56	3.40	-1.16	1.34	-2.06
1,610	Wardha	Deoli	Unconfined	7.07	2.97	1.97	6.35	5.10	4.10	-1.00	0.72	-3.38
1,611	Wardha	Dhadi	Unconfined	10.50	8.80	8.12	10.26	2.38	1.70	-0.68	0.24	-1.46
1,612	Wardha	Dhondgaon	Unconfined	10.50	3.95	1.90	8.85	8.60	6.55	-2.05	1.65	-4.9
1,613	Wardha	Girad	Unconfined	6.00	2.60	0.85	4.72	5.15	3.40	-1.75	1.28	-2.12
1,614	Wardha	Giroli	Unconfined	8.15	3.70	4.26	5.11	3.89	4.45	0.56	3.04	-1.41
1,615	Wardha	Hinganghat	Unconfined	3.00	0.80	0.30	1.72	2.70	2.20	-0.50	1.28	-0.92
1,616	Wardha	Hingni	Unconfined	7.66	5.33	6.69	7.78	0.97	2.33	1.36	-0.12	-2.45
1,617	Wardha	Jamni	Unconfined	8.60	6.90	2.93	9.00	5.67	1.70	-3.97	-0.4	-2.1
1,618	Wardha	Junapani	Unconfined	4.85	2.55	1.98	3.57	2.87	2.30	-0.57	1.28	-1.02
1,619	Wardha	Junapani_Pz	Unconfined	25.00	-	1.84	25.45	23.16	-	-	-0.45	-
1,620	Wardha	Kandhli (Juna)	Unconfined	5.95	4.05	2.50	4.31	3.45	1.90	-1.55	1.64	-0.26
1,621	Wardha	Kangaon	Unconfined	6.75	1.85	1.05	3.37	5.70	4.90	-0.80	3.38	-1.52
1,622	Wardha	Kapsi	Unconfined	7.90	10.55	10.15	11.00	-2.25	-2.65	-0.40	-3.1	-0.45
1,623	Wardha	Karanji Kaji	Unconfined	10.60	11.30	2.96	6.58	7.64	-0.70	-8.34	4.02	4.72
1,624	Wardha	Keljhar	Unconfined	10.53	8.43	5.24	10.12	5.29	2.10	-3.19	0.41	-1.69
1,625	Wardha	Kharangana	Unconfined	7.00	6.20	5.58	5.65	1.42	0.80	-0.62	1.35	0.55
1,626	Wardha	Madni (New)	Unconfined	8.55	4.75	1.68	9.17	6.87	3.80	-3.07	-0.62	-4.42
1,627	Wardha	Mahakali	Unconfined	1.70	1.30	7.02	8.37	-5.32	0.40	5.72	-6.67	-7.07
1,628	Wardha	Mandwa	Unconfined	2.40	2.00	1.30	2.70	1.10	0.40	-0.70	-0.3	-0.7
1,629	Wardha	Muradgaon (Balsare)1	Unconfined	6.69	5.25	4.29	2.95	2.40	1.44	-0.96	3.74	2.3
1,630	Wardha	Nagalwadi	Unconfined	-	6.30	3.98	10.55	-	-	-2.32	-	-4.25
1,631	Wardha	Nandori_Pz	Unconfined	12.55	4.50	2.03	9.12	10.52	8.05	-2.47	3.43	-4.62
1,632	Wardha	Paragothan-1	Unconfined	2.50	3.70	3.73	5.80	-1.23	-1.20	0.03	-3.3	-2.1
1,633	Wardha	Pimpalkhuta	Unconfined	4.80	3.10	0.76	6.22	4.04	1.70	-2.34	-1.42	-3.12
1,634	Wardha	Pipri	Unconfined	7.90	1.80	0.40	5.68	7.50	6.10	-1.40	2.22	-3.88

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,635	Wardha	Pulgaon-1	Unconfined	4.00	3.20	1.88	3.28	2.12	0.80	-1.32	0.72	-0.08
1,636	Wardha	Rohna	Unconfined	5.30	4.50	3.65	6.22	1.65	0.80	-0.85	-0.92	-1.72
1,637	Wardha	Sahur	Unconfined	8.30	5.10	4.86	8.65	3.44	3.20	-0.24	-0.35	-3.55
1,638	Wardha	Sakhra	Unconfined	7.40	2.80	1.10	8.42	6.30	4.60	-1.70	-1.02	-5.62
1,639	Wardha	Samudrapur	Unconfined	8.00	2.80	1.80	5.10	6.20	5.20	-1.00	2.9	-2.3
1,640	Wardha	Sarul_Pz	Unconfined	8.90	7.35	5.73	7.45	3.17	1.55	-1.62	1.45	-0.1
1,641	Wardha	Sarwadi	Unconfined	8.20	3.80	2.89	7.45	5.31	4.40	-0.91	0.75	-3.65
1,642	Wardha	Sawangi	Unconfined	9.99	3.00	1.43	4.12	8.56	6.99	-1.57	5.87	-1.12
1,643	Wardha	Sawangi Meghe_Pz	Unconfined	2.80	3.00	0.13	2.05	2.67	-0.20	-2.87	0.75	0.95
1,644	Wardha	Selu_Pz	Unconfined	13.50	10.90	10.30	12.47	3.20	2.60	-0.60	1.03	-1.57
1,645	Wardha	Sewagram	Unconfined	10.20	5.70	4.97	7.72	5.23	4.50	-0.73	2.48	-2.02
1,646	Wardha	Sindi Rly_Pz	Unconfined	6.70	6.20	3.24	5.72	3.46	0.50	-2.96	0.98	0.48
1,647	Wardha	Sirasgaon_Pz	Unconfined	-	-	5.05	7.52	-	-	-	-	-
1,648	Wardha	Sirpur	Unconfined	12.31	11.71	10.99	-	1.32	0.60	-0.72	-	-
1,649	Wardha	Sonegaon	Unconfined	-	-	2.66	7.20	-	-	-	-	-
1,650	Wardha	Sukli-1	Unconfined	17.50	-	-	13.15	-	-	-	4.35	-
1,651	Wardha	Talegaon_Pz	Unconfined	9.90	7.40	6.01	7.75	3.89	2.50	-1.39	2.15	-0.35
1,652	Wardha	Thanegaon-1	Unconfined	11.65	2.65	3.02	6.48	8.63	9.00	0.37	5.17	-3.83
1,653	Wardha	Thar	Unconfined	8.60	4.60	3.62	8.97	4.98	4.00	-0.98	-0.37	-4.37
1,654	Wardha	Tigaon	Unconfined	5.70	2.45	1.95	4.76	3.75	3.25	-0.50	0.94	-2.31
1,655	Wardha	Vadad	Unconfined	10.40	6.80	6.10	9.05	4.30	3.60	-0.70	1.35	-2.25
1,656	Wardha	Virul-1	Unconfined	-	4.60	9.60	10.82	-	-	5.00	-	-6.22
1,657	Wardha	Wadhona-1	Unconfined	9.00	8.40	5.32	9.75	3.68	0.60	-3.08	-0.75	-1.35
1,658	Wardha	Wardha-1	Unconfined	3.80	1.30	0.46	3.46	3.34	2.50	-0.84	0.34	-2.16
1,659	Wardha	Wasi	Unconfined	8.90	1.40	0.75	4.05	8.15	7.50	-0.65	4.85	-2.65
1,660	Wardha	Yelakeli	Unconfined	11.10	9.90	9.57	10.95	1.53	1.20	-0.33	0.15	-1.05
1,661	Washim	Ansingh	Unconfined	9.99	3.50	1.60	4.36	8.39	6.49	-1.90	5.63	-0.86
1,662	Washim	Bitoda (Bhoyar)	Unconfined	12.49	7.90	3.52	8.55	8.97	4.59	-4.38	3.94	-0.65
1,663	Washim	Chikli	Unconfined	9.74	6.70	4.25	8.55	5.49	3.04	-2.45	1.19	-1.85
1,664	Washim	Dapuri	Unconfined	10.14	8.50	5.90	9.00	4.24	1.64	-2.60	1.14	-0.5
1,665	Washim	Deothana	Unconfined	-	3.70	-	5.30	-	-	-	-	-1.6
1,666	Washim	Dhanaj Khurd	Unconfined	10.99	6.40	8.20	7.82	2.79	4.59	1.80	3.17	-1.42
1,667	Washim	Dhanora	Unconfined	14.14	8.05	4.47	9.65	9.67	6.09	-3.58	4.49	-1.6
1,668	Washim	Dharpimpri	Unconfined	5.90	4.30	3.37	5.20	2.53	1.60	-0.93	0.7	-0.9
1,669	Washim	Donad Budruk	Unconfined	17.99	6.50	4.85	7.30	13.14	11.49	-1.65	10.69	-0.8
1,670	Washim	Giroli	Unconfined	10.99	4.00	3.30	5.00	7.69	6.99	-0.70	5.99	-1
1,671	Washim	Jamkheda	Unconfined	3.20	1.80	1.00	1.80	2.20	1.40	-0.80	1.4	0
1,672	Washim	Jaulka Rly	Unconfined	5.29	3.10	1.92	3.35	3.37	2.19	-1.18	1.94	-0.25

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,673	Washim	Kalamba Mahal	Unconfined	8.99	6.20	2.82	7.80	6.17	2.79	-3.38	1.19	-1.6
1,674	Washim	Kamargaon	Unconfined	6.80	4.20	4.20	5.25	2.60	2.60	0.00	1.55	-1.05
1,675	Washim	Karanja	Unconfined	10.80	3.05	1.00	5.10	9.80	7.75	-2.05	5.7	-2.05
1,676	Washim	Karanja_Pz	Unconfined	8.00	7.40	7.54	7.20	0.46	0.60	0.14	0.8	0.2
1,677	Washim	Kenwad	Unconfined	11.99	4.40	2.00	5.70	9.99	7.59	-2.40	6.29	-1.3
1,678	Washim	Kinhi Raja	Unconfined	9.49	4.30	3.37	5.50	6.12	5.19	-0.93	3.99	-1.2
1,679	Washim	Kondala Jhambre	Unconfined	12.19	8.00	3.35	12.20	8.84	4.19	-4.65	-0.01	-4.2
1,680	Washim	Kurha_Pz	Unconfined	-	6.00	-	-	-	-	-	-	-
1,681	Washim	Loni	Unconfined	8.90	5.70	5.50	9.40	3.40	3.20	-0.20	-0.5	-3.7
1,682	Washim	Malegaon	Unconfined	11.89	7.00	1.66	11.00	10.23	4.89	-5.34	0.89	-4
1,683	Washim	Malegaon_Pz	Unconfined	10.60	6.70	3.88	9.30	6.72	3.90	-2.82	1.3	-2.6
1,684	Washim	Mangrulpir_Pz	Unconfined	14.50	8.50	3.33	9.70	11.17	6.00	-5.17	4.8	-1.2
1,685	Washim	Manora_Pz	Unconfined	40.00	7.60	5.47	8.30	34.53	32.40	-2.13	31.7	-0.7
1,686	Washim	Medshi	Unconfined	9.00	5.05	2.40	5.15	6.60	3.95	-2.65	3.85	-0.1
1,687	Washim	Ridhora	Unconfined	11.19	2.70	3.17	2.70	8.02	8.49	0.47	8.49	0
1,688	Washim	Risod	Unconfined	8.90	5.05	1.23	5.35	7.67	3.85	-3.82	3.55	-0.3
1,689	Washim	Rithad	Unconfined	15.99	7.00	5.50	-	10.49	8.99	-1.50	-	-
1,690	Washim	Sakhar Doha	Unconfined	10.00	7.00	7.10	7.70	2.90	3.00	0.10	2.3	-0.7
1,691	Washim	Sangaon	Unconfined	12.39	4.90	2.55	7.63	9.84	7.49	-2.35	4.76	-2.73
1,692	Washim	Sawargaon Barde	Unconfined	8.99	3.10	3.42	5.70	5.57	5.89	0.32	3.29	-2.6
1,693	Washim	Sendurjan Adhao	Unconfined	11.79	8.00	5.60	9.00	6.19	3.79	-2.40	2.79	-1
1,694	Washim	Shaha	Unconfined	14.24	9.25	8.65	9.55	5.59	4.99	-0.60	4.69	-0.3
1,695	Washim	Shelu Bazar-1	Unconfined	8.69	8.60	7.50	7.00	1.19	0.09	-1.10	1.69	1.6
1,696	Washim	Sheluwada-1	Unconfined	13.99	10.40	11.50	14.00	2.49	3.59	1.10	-0.01	-3.6
1,697	Washim	Tondgaon	Unconfined	7.90	6.00	4.50	7.10	3.40	1.90	-1.50	0.8	-1.1
1,698	Washim	Vilegaon (Kherda)	Unconfined	7.44	3.70	4.10	4.28	3.34	3.74	0.40	3.16	-0.58
1,699	Washim	Wada	Unconfined	15.99	6.00	4.47	12.80	11.52	9.99	-1.53	3.19	-6.8
1,700	Washim	Wakad	Unconfined	8.20	9.90	2.10	9.10	6.10	-1.70	-7.80	-0.9	0.8
1,701	Washim	Washim	Unconfined	8.60	4.40	1.80	6.45	6.80	4.20	-2.60	2.15	-2.05
1,702	Washim	Yevta Bandi_Pz	Unconfined	11.70	9.50	6.85	10.50	4.85	2.20	-2.65	1.2	-1
1,703	Yavatmal	Aamla	Unconfined	3.80	4.87	2.65	4.30	1.15	-1.07	-2.22	-0.5	0.57
1,704	Yavatmal	Akolabazar	Unconfined	12.00	11.75	2.72	8.45	9.28	0.25	-9.03	3.55	3.3
1,705	Yavatmal	Akolabazar_Pz	Unconfined	13.40	10.37	5.56	9.60	7.84	3.03	-4.81	3.8	0.77
1,706	Yavatmal	Arni-1	Unconfined	11.30	6.93	3.05	6.50	8.25	4.37	-3.88	4.8	0.43
1,707	Yavatmal	Babhulgaon-1	Unconfined	6.40	8.37	5.02	7.50	1.38	-1.97	-3.35	-1.1	0.87
1,708	Yavatmal	Bhandewada	Unconfined	8.00	4.77	5.70	5.10	2.30	3.23	0.93	2.9	-0.33
1,709	Yavatmal	Bhari_Pz	Unconfined	7.00	4.72	3.12	4.90	3.88	2.28	-1.60	2.1	-0.18
1,710	Yavatmal	Bori (Arab)-1	Unconfined	-	13.77	4.72	9.35	-	-	-9.05	-	4.42

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				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,711	Yavatmal	Buranda-Hetis	Unconfined	4.25	2.92	0.40	2.40	3.85	1.33	-2.52	1.85	0.52
1,712	Yavatmal	Chaparda	Unconfined	5.55	5.12	0.72	4.80	4.83	0.43	-4.40	0.75	0.32
1,713	Yavatmal	Dahegaon	Unconfined	6.90	5.97	2.75	3.70	4.15	0.93	-3.22	3.2	2.27
1,714	Yavatmal	Darwha	Unconfined	-	5.35	1.11	5.20	-	-	-4.24	-	0.15
1,715	Yavatmal	Darwha_Pz	Unconfined	8.30	4.97	1.98	5.60	6.32	3.33	-2.99	2.7	-0.63
1,716	Yavatmal	Dhanaj (Manekwada)	Unconfined	3.30	4.72	2.43	3.50	0.87	-1.42	-2.29	-0.2	1.22
1,717	Yavatmal	Dhanaj (Manekwada)_Pz	Unconfined	5.60	4.67	2.26	3.15	3.34	0.93	-2.41	2.45	1.52
1,718	Yavatmal	Dhanoda	Unconfined	12.00	11.12	9.32	10.30	2.68	0.88	-1.80	1.7	0.82
1,719	Yavatmal	Dighi-Punarvasan-1	Unconfined	-	7.79	1.93	7.35	-	-	-5.86	-	0.44
1,720	Yavatmal	Digras	Unconfined	6.75	5.16	1.08	5.10	5.67	1.59	-4.08	1.65	0.06
1,721	Yavatmal	Ghatanji	Unconfined	10.00	7.45	2.25	7.20	7.75	2.55	-5.20	2.8	0.25
1,722	Yavatmal	Ghatanji_Pz	Unconfined	6.60	7.61	3.67	7.80	2.93	-1.01	-3.94	-1.2	-0.19
1,723	Yavatmal	Ghatodi	Unconfined	7.82	7.54	1.40	8.00	6.42	0.28	-6.14	-0.18	-0.46
1,724	Yavatmal	Harsi	Unconfined	11.00	3.72	0.85	5.00	10.15	7.28	-2.87	6	-1.28
1,725	Yavatmal	Injhala	Unconfined	12.86	13.37	8.71	12.30	4.15	-0.51	-4.66	0.56	1.07
1,726	Yavatmal	Jamni	Unconfined	8.50	4.85	2.05	4.70	6.45	3.65	-2.80	3.8	0.15
1,727	Yavatmal	Jamwadi	Unconfined	5.05	3.55	1.72	3.10	3.33	1.50	-1.83	1.95	0.45
1,728	Yavatmal	Jodmoha	Unconfined	11.00	5.97	2.25	5.70	8.75	5.03	-3.72	5.3	0.27
1,729	Yavatmal	Kalamb	Unconfined	14.00	11.47	9.86	9.60	4.14	2.53	-1.61	4.4	1.87
1,730	Yavatmal	Karanji_Pz	Unconfined	8.10	7.24	3.28	6.95	4.82	0.86	-3.96	1.15	0.29
1,731	Yavatmal	Karanji1	Unconfined	11.05	8.05	0.10	6.10	10.95	3.00	-7.95	4.95	1.95
1,732	Yavatmal	Khadka	Unconfined	7.50	5.10	1.64	6.70	5.86	2.40	-3.46	0.8	-1.6
1,733	Yavatmal	Khatara	Unconfined	8.40	7.26	0.23	6.20	8.17	1.14	-7.03	2.2	1.06
1,734	Yavatmal	Kolambi	Unconfined	9.00	5.95	1.77	5.90	7.23	3.05	-4.18	3.1	0.05
1,735	Yavatmal	Kotha	Unconfined	6.80	4.73	1.30	4.40	5.50	2.07	-3.43	2.4	0.33
1,736	Yavatmal	Kurli_Pz	Unconfined	6.70	6.35	3.26	6.10	3.44	0.35	-3.09	0.6	0.25
1,737	Yavatmal	Ladkhed-1	Unconfined	9.50	5.97	0.29	7.20	9.21	3.53	-5.68	2.3	-1.23
1,738	Yavatmal	Lonbhel	Unconfined	7.30	6.33	0.82	6.10	6.48	0.97	-5.51	1.2	0.23
1,739	Yavatmal	Madkona	Unconfined	13.50	10.47	4.43	10.50	9.07	3.03	-6.04	3	-0.03
1,740	Yavatmal	Mahagaon	Unconfined	9.50	3.34	1.91	3.10	7.59	6.16	-1.43	6.4	0.24
1,741	Yavatmal	Mahagaon taluka	Unconfined	17.00	14.16	14.15	13.10	2.85	2.84	-0.01	3.9	1.06
1,742	Yavatmal	Mandao	Unconfined	1.70	10.70	0.02	-	1.68	-9.00	-10.68	-	-
1,743	Yavatmal	Mangrule	Unconfined	12.00	6.17	2.92	4.50	9.08	5.83	-3.25	7.5	1.67
1,744	Yavatmal	Mardi	Unconfined	8.00	5.65	3.20	5.30	4.80	2.35	-2.45	2.7	0.35
1,745	Yavatmal	Maregaon	Unconfined	11.60	10.12	3.05	9.10	8.55	1.48	-7.07	2.5	1.02
1,746	Yavatmal	Marwadi Khurd	Unconfined	9.00	4.37	3.40	4.60	5.60	4.63	-0.97	4.4	-0.23
1,747	Yavatmal	Metikheda	Unconfined	13.10	3.97	0.82	12.30	12.28	9.13	-3.15	0.8	-8.33
1,748	Yavatmal	Mohada	Unconfined	1.00	4.39	0.09	4.50	0.91	-3.39	-4.30	-3.5	-0.11

S. No	District	Location	Aquifer Type	Water level (mbgl)				Water Level Fluctuation (m)				
				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,749	Yavatmal	Mohgaon Kasba	Unconfined	7.10	7.47	4.00	5.50	3.10	-0.37	-3.47	1.6	1.97
1,750	Yavatmal	Mojhar	Unconfined	3.00	3.20	0.31	2.60	2.69	-0.20	-2.89	0.4	0.6
1,751	Yavatmal	Mojhar_Pz	Unconfined	7.70	-	3.52	7.70	4.18	-	-	0	-
1,752	Yavatmal	Mowada	Unconfined	6.80	7.22	1.87	7.80	4.93	-0.42	-5.35	-1	-0.58
1,753	Yavatmal	Mukutban_Pz	Unconfined	13.95	9.65	8.10	9.10	5.85	4.30	-1.55	4.85	0.55
1,754	Yavatmal	Ner	Unconfined	8.00	3.82	1.37	4.10	6.63	4.18	-2.45	3.9	-0.28
1,755	Yavatmal	Ner-Pz	Unconfined	6.60	3.56	1.25	3.60	5.35	3.04	-2.31	3	-0.04
1,756	Yavatmal	Pahapal	Unconfined	8.05	6.11	0.32	6.00	7.73	1.94	-5.79	2.05	0.11
1,757	Yavatmal	Pahur	Unconfined	6.65	5.33	5.10	5.50	1.55	1.32	-0.23	1.15	-0.17
1,758	Yavatmal	Pahur_Pz	Unconfined	10.50	3.64	2.47	3.00	8.03	6.86	-1.17	7.5	0.64
1,759	Yavatmal	Palsi	Unconfined	14.50	4.92	1.80	4.10	12.70	9.58	-3.12	10.4	0.82
1,760	Yavatmal	Pandharkawada	Unconfined	4.83	3.11	0.42	2.60	4.41	1.72	-2.69	2.23	0.51
1,761	Yavatmal	Pandharkawada_Pz	Unconfined	-	6.05	4.15	5.70	-	-	-1.90	-	0.35
1,762	Yavatmal	Pandhurna (BK)	Unconfined	5.60	4.97	0.48	7.50	5.12	0.63	-4.49	-1.9	-2.53
1,763	Yavatmal	Parwa	Unconfined	3.35	3.19	2.10	2.80	1.25	0.16	-1.09	0.55	0.39
1,764	Yavatmal	Patan_Pz	Unconfined	7.60	6.93	0.95	6.70	6.65	0.67	-5.98	0.9	0.23
1,765	Yavatmal	Phulsawangi	Unconfined	7.00	10.22	6.10	9.50	0.90	-3.22	-4.12	-2.5	0.72
1,766	Yavatmal	Punwat-1	Unconfined	7.00	-	3.00	3.55	4.00	-	-	3.45	-
1,767	Yavatmal	Pusad	Unconfined	8.50	5.57	0.74	5.45	7.76	2.93	-4.83	3.05	0.12
1,768	Yavatmal	Ralegaon_Pz	Unconfined	9.30	6.53	4.32	6.00	4.98	2.77	-2.21	3.3	0.53
1,769	Yavatmal	Rampur	Unconfined	7.90	6.56	3.18	6.40	4.72	1.34	-3.38	1.5	0.16
1,770	Yavatmal	Sangwi Rly	Unconfined	7.10	11.97	5.30	13.90	1.80	-4.87	-6.67	-6.8	-1.93
1,771	Yavatmal	Sarul	Unconfined	10.40	10.47	2.20	10.79	8.20	-0.07	-8.27	-0.39	-0.32
1,772	Yavatmal	Satpali	Unconfined	8.70	8.76	7.10	7.90	1.60	-0.06	-1.66	0.8	0.86
1,773	Yavatmal	Savar	Unconfined	8.60	4.69	0.10	4.60	8.50	3.91	-4.59	4	0.09
1,774	Yavatmal	Sawli Sadoba	Unconfined	7.90	6.37	2.62	6.65	5.28	1.53	-3.75	1.25	-0.28
1,775	Yavatmal	Saykheda_Pz	Unconfined	8.30	7.61	3.52	6.95	4.78	0.69	-4.09	1.35	0.66
1,776	Yavatmal	Selodi	Unconfined	12.00	5.57	2.64	5.60	9.36	6.43	-2.93	6.4	-0.03
1,777	Yavatmal	Shibla	Unconfined	5.80	4.82	1.00	2.00	4.80	0.98	-3.82	3.8	2.82
1,778	Yavatmal	Shirol_Pz	Unconfined	28.60	18.28	2.26	18.10	26.34	10.32	-16.02	10.5	0.18
1,779	Yavatmal	Sindhi_Pz	Unconfined	8.40	5.29	4.70	6.00	3.70	3.11	-0.59	2.4	-0.71
1,780	Yavatmal	Sindhi-1	Unconfined	9.75	5.17	4.10	4.00	5.65	4.58	-1.07	5.75	1.17
1,781	Yavatmal	Singad	Unconfined	9.40	11.37	4.00	9.10	5.40	-1.97	-7.37	0.3	2.27
1,782	Yavatmal	Talegaon	Unconfined	8.00	2.41	0.97	2.22	7.03	5.59	-1.44	5.78	0.19
1,783	Yavatmal	Talni	Unconfined	12.50	4.72	1.42	4.50	11.08	7.78	-3.30	8	0.22
1,784	Yavatmal	Umarda (Nursary)	Unconfined	9.90	5.12	2.91	5.20	6.99	4.78	-2.21	4.7	-0.08
1,785	Yavatmal	Umarkhed 1	Unconfined	-	4.82	2.25	4.00	-	-	-2.57	-	0.82
1,786	Yavatmal	Vai (Lingi)	Unconfined	9.00	5.40	3.45	5.60	5.55	3.60	-1.95	3.4	-0.2

S. No	District	Location	Aquifer Type	Water level (mbgl)				Water Level Fluctuation (m)				
				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,787	Yavatmal	Wadgaon	Unconfined	6.00	4.76	1.82	9.20	4.18	1.24	-2.94	-3.2	-4.44
1,788	Yavatmal	Wadhona	Unconfined	6.55	4.87	0.10	4.60	6.45	1.68	-4.77	1.95	0.27
1,789	Yavatmal	Wadki_Pz	Unconfined	14.90	13.12	10.32	13.40	4.58	1.78	-2.80	1.5	-0.28
1,790	Yavatmal	Wani-1	Unconfined	11.80	-	8.25	10.60	3.55	-	-	1.2	-
1,791	Yavatmal	Yavatmal	Unconfined	9.00	3.11	1.52	2.70	7.48	5.89	-1.59	6.3	0.41
1,792	Yavatmal	Yelbara_Pz	Unconfined	10.30	4.47	4.25	4.20	6.05	5.83	-0.22	6.1	0.27
1,793	Yavatmal	Zadgaon	Unconfined	6.15	4.95	1.76	4.70	4.39	1.20	-3.19	1.45	0.25
1,794	Ahmednagar	Ambi Khalsa_Pz	Semi/Confined	31.00	63.00	63.00	-	-32.00	-32.00	0.00	-	-
1,795	Ahmednagar	Bhanas Hivre_Pz	Semi/Confined	16.90	-	4.00	-	12.90	-	-	-	-
1,796	Ahmednagar	Chas_Pz	Semi/Confined	15.60	15.80	10.10	22.90	5.50	-0.20	-5.70	-7.30	-7.10
1,797	Ahmednagar	Mahuli_Pz	Semi/Confined	15.30	-	15.30	15.30	0.00	-	-	0.00	-
1,798	Ahmednagar	Nevasa fata_Pz	Semi/Confined	20.50	11.30	9.50	8.90	11.00	9.20	-1.80	11.60	2.40
1,799	Ahmednagar	Sonai_Pz	Semi/Confined	5.10	10.10	3.10	2.70	2.00	-5.00	-7.00	2.40	7.40
1,800	Ahmednagar	Tamaswadi_Pz	Semi/Confined	-	27.90	25.20	30.00	-	-	-2.70	-	-2.10
1,801	Amravati	Benoda (WT)_Pz	Semi/Confined	10.50	7.50	6.50	7.90	4.00	3.00	-1.00	2.60	-0.40
1,802	Aurangabad	Khandala_Pz	Semi/Confined	35.80	32.00	12.40	10.00	23.40	3.80	-19.60	25.80	22.00
1,803	Buldana	Atali	Semi/Confined	6.60	4.80	2.90	4.59	3.70	1.80	-1.90	2.01	0.21
1,804	Buldana	Dindola Bk_Pz	Semi/Confined	-	18.10	25.00	18.10	-	-	6.90	-	0.00
1,805	Buldana	Janephal	Semi/Confined	6.30	5.00	3.35	5.25	2.95	1.30	-1.65	1.05	-0.25
1,806	Buldana	Loni	Semi/Confined	6.60	6.90	3.86	7.90	2.74	-0.30	-3.04	-1.30	-1.00
1,807	Buldana	Sonalanew	Semi/Confined	25.19	13.00	12.30	13.00	12.89	12.19	-0.70	12.19	0.00
1,808	Chandrapur	Ajaypur_Pz	Semi/Confined	5.00	6.00	-	5.20	-	-1.00	-	-0.20	0.80
1,809	Dhule	Kalamsare_Pz	Semi/Confined	-	32.00	58.00	-	-	-	26.00	-	-
1,810	Dhule	Ner_Pz	Semi/Confined	11.00	-	14.46	-	-3.46	-	-	-	-
1,811	Jalgaon	Junone_Pz	Semi/Confined	-	-	-	10.40	-	-	-	-	-
1,812	Latur	Aurad Shahajani_Pz	Semi/Confined	55.30	32.00	34.40	81.00	20.90	23.30	2.40	-25.70	-49.00
1,813	Latur	Nagalgaon_Pz	Semi/Confined	52.00	32.00	7.40	62.24	44.60	20.00	-24.60	-10.24	-30.24
1,814	Nagpur	Bokhara_Pz	Semi/Confined	16.50	3.80	2.30	7.90	14.20	12.70	-1.50	8.60	-4.10
1,815	Nagpur	Inderwada_Pz	Semi/Confined	8.90	4.50	3.40	-	5.50	4.40	-1.10	-	-
1,816	Nagpur	Nara_Pz	Semi/Confined	15.00	13.70	11.50	13.10	3.50	1.30	-2.20	1.90	0.60
1,817	Nashik	Dahigaon_Pz	Semi/Confined	11.80	-	11.10	-	0.70	-	-	-	-
1,818	Nashik	Ravalgaon_Pz	Semi/Confined	-	32.00	8.75	30.00	-	-	-23.25	-	2.00
1,819	Nashik	Thengode_Pz	Semi/Confined	-	8.40	6.92	-	-	-	-1.48	-	-
1,820	Nashik	Vinchur_Pz	Semi/Confined	45.00	45.00	2.67	-	42.33	0.00	-42.33	-	-
1,821	Osmanabad	Itkal_Pz	Semi/Confined	6.57	6.65	7.30	6.40	-0.73	-0.08	0.65	0.17	0.25
1,822	Parbhani	Hadgaon_Pz	Semi/Confined	12.00	12.40	-	49.99	-	-0.40	-	-37.99	-37.59
1,823	Parbhani	Kausdi_Pz	Semi/Confined	8.00	8.20	9.50	7.70	-1.50	-0.20	1.30	0.30	0.50
1,824	Parbhani	Narwadi_Pz	Semi/Confined	-	52.00	3.80	-	-	-	-48.20	-	-

S. No	District	Location	Aquifer Type	Water level (mbgl)				Water Level Fluctuation (m)				
				May-2018	Aug. 2018	Nov. 2018	Jan. 2019	Aug 2018 wrt	Nov. 2018 wrt		Water Level Fluctuation Jan 2019 wrt	
									May-18	Aug. 18	May-18	Nov. 2018
1,825	Pune	Kauthe_Pz	Semi/Confined	8.10	2.80	3.50	3.55	4.60	5.30	0.70	4.55	-0.75
1,826	Ratnagiri	Dhamnand_Pz	Semi/Confined	35.00	-	21.40	33.00	13.60	-	-	2.00	-
1,827	Satara	Yelgaon_Pz	Semi/Confined	-	0.40	1.10	3.10	-	-	0.70	-	-2.70
1,828	Sindudurg	Ambrad (Parabwadi)_Pz	Semi/Confined	6.40	4.80	0.70	4.40	5.70	1.60	-4.10	2.00	0.40
1,829	Solapur	Shetphal_Pz	Semi/Confined	33.06	32.00	31.60	49.99	1.46	1.06	-0.40	-16.93	-17.99
1,830	Solapur	Udagi_Pz	Semi/Confined	7.20	7.70	6.10	7.40	1.10	-0.50	-1.60	-0.20	0.30
1,831	Solapur	Uplai Rly St_Pz	Semi/Confined	9.83	12.84	7.70	13.60	2.13	-3.01	-5.14	-3.77	-0.76
1,832	Solapur	Wasud_Pz	Semi/Confined	19.72	22.55	22.60	23.30	-2.88	-2.83	0.05	-3.58	-0.75
1,833	Washim	Enzori	Semi/Confined	7.20	5.20	3.75	6.50	3.45	2.00	-1.45	0.70	-1.30
1,834	Washim	Jogaldari_Pz	Semi/Confined	-	9.70	5.37	44.99	-	-	-4.33	-	-35.29
1,835	Washim	Kupta	Semi/Confined	-	3.10	1.18	4.30	-	-	-1.92	-	-1.20
1,836	Washim	Shirpur	Semi/Confined	14.99	11.50	5.50	11.80	9.49	3.49	-6.00	3.19	-0.30
1,837	Yavatmal	Arni_Pz	Semi/Confined	6.70	5.26	1.92	5.00	4.78	1.44	-3.34	1.70	0.26
1,838	Yavatmal	Bori (Arab)_Pz	Semi/Confined	16.40	18.11	17.32	16.80	-0.92	-1.71	-0.79	-0.40	1.31
1,839	Yavatmal	Sawali_Pz	Semi/Confined	10.80	8.67	3.62	7.50	7.18	2.13	-5.05	3.30	1.17

Here, Blank cells represents Wells Not Monitored due to various reasons like well not approachable, lock jam, outside water added, well filled up, well fitted with pump, disturbed law & order conditions etc.

Annexure II

Distribution of Percentage of Monitoring Wells showing depth to water level ranges in May 2018 in Maharashtra State and and Union Territory of DNH

District	Number of Wells Analysed	DTWL (mbgl)		Number / Percentage of Wells Showing DTWL (mbgl) in the range of											
		Min	Max	0-2	%	2-5	%	5-10	%	10-20	%	20-40	%	>40	%
Ahmednagar	59	2.50	33.00	0		12	20.34	23	38.98	21	35.59	3	5.08	0	
Akola	30	6.90	32.99	0		0		5	16.67	19	63.33	6	20	0	
Amravati	91	1.30	35.00	1	1.10	11	12.09	40	43.96	27	29.67	12	13.19	0	
Aurangabad	37	5.40	23.10	0		0		18	48.65	18	48.65	1	2.7	0	
Beed	44	2.90	30.00	0		7	15.91	17	38.64	18	40.91	2	4.55	0	
Bhandara	39	3.30	19.00	0		4	10.26	17	43.59	18	46.15	0		0	
Buldana	55	3.70	24.90	0		3	5.45	26	47.27	20	36.36	6	10.91	0	
Chandrapur	67	2.10	17.25	0		8	11.94	49	73.13	10	14.93	0		0	
DNH	17	3.02	15.91	0		5	29.41	8	47.06	4	23.53	0		0	
Dhule	36	3.60	20.00	0		5	13.89	19	52.78	12	33.33	0		0	
Gadchiroli	36	2.30	12.40	0		3	8.33	28	77.78	5	13.89	0		0	
Gondia	28	4.60	16.00	0		2	7.14	15	53.57	11	39.29	0		0	
Hingoli	28	4.00	17.40	0		1	3.57	10	35.71	17	60.71	0		0	
Jalgaon	54	3.40	55.10	0		5	9.26	25	46.3	13	24.07	9	16.67	2	3.7
Jalna	47	1.60	18.90	1	2.13	6	12.77	20	42.55	20	42.55	0		0	
Kolhapur	31	0.10	8.00	22	70.97	3	9.68	6	19.35	0		0		0	
Latur	41	1.40	30.00	1	2.44	7	17.07	16	39.02	16	39.02	1	2.44	0	
Mumbai City	6	2.35	5.10	0		5	83.33	1	16.67	0		0		0	
Mumbai Suburban	15	1.80	10.72	1	6.67	6	40	7	46.67	1	6.67	0		0	
Nagpur	87	1.00	30.00	2	2.3	8	9.2	48	55.17	28	32.18	1	1.15	0	
Nanded	61	1.85	24.50	1	1.64	7	11.48	25	40.98	25	40.98	3	4.92	0	
Nandurbar	27	2.20	24.95	0		3	11.11	13	48.15	8	29.63	3	11.11	0	
Nashik	83	0.50	41.00	5	6.02	15	18.07	38	45.78	21	25.3	3	3.61	1	1.2
Osmanabad	39	0.20	15.75	2	5.13	4	10.26	22	56.41	11	28.21	0		0	
Parbhani	36	0.60	35.00	3	8.33	3	8.33	14	38.89	14	38.89	2	5.56	0	
Pune	44	0.01	15.40	2	4.55	14	31.82	22	50	6	13.64	0		0	
Raigad	35	1.30	7.30	4	11.43	21	60	10	28.57	0		0		0	
Ratnagiri	65	1.40	21.00	4	6.15	19	29.23	29	44.62	12	18.46	1	1.54	0	
Sangli	36	0.50	17.39	8	22.22	15	41.67	8	22.22	5	13.89	0		0	
Satara	41	0.60	19.40	8	19.51	14	34.15	14	34.15	5	12.2	0		0	
Sindudurg	51	2.00	18.10	1	1.96	14	27.45	25	49.02	11	21.57	0		0	
Solapur	56	0.78	22.00	2	3.57	9	16.07	32	57.14	12	21.43	1	1.79	0	
Thane	59	1.70	16.50	2	3.39	30	50.85	25	42.37	2	3.39	0		0	
Wardha	57	1.70	25.00	1	1.75	11	19.3	30	52.63	14	24.56	1	1.75	0	
Washim	40	3.20	40.00	0		1	2.5	18	45	20	50	1	2.5	0	
Yavatmal	86	1.00	28.60	2	2.33	6	6.98	54	62.79	23	26.74	1	1.16	0	
Total	1664	0.01	55.10	73	4.39	287	17.25	777	46.69	467	28.06	57	3.43	3	0.18

Annexure III

Distribution of Percentage of Monitoring Wells showing depth to water level ranges in August 2018 in Maharashtra State and Union Territory of DNH

District	Number of Wells Analysed	DTWL (mbgl)		Number / Percentage of Wells Showing DTWL (mbgl) in the range of											
		Min	Max	0-2	%	2-5	%	5-10	%	10-20	%	20-40	%	>40	%
Ahmednagar	62	0.90	33.00	3	4.84	20	32.26	21	33.87	16	25.81	2	3.23	0	-
Akola	32	1.20	30.00	2	6.25	4	12.5	10	31.25	12	37.5	4	12.5	0	-
Amravati	86	0.30	31.00	17	19.77	24	27.91	23	26.74	16	18.6	6	6.98	0	-
Aurangabad	31	0.40	18.12	2	6.45	6	19.35	13	41.94	10	32.26	0	-	0	-
Beed	48	1.30	23.70	1	2.08	21	43.75	13	27.08	12	25	1	2.08	0	-
Bhandara	40	0.45	11.50	23	57.5	9	22.5	6	15	2	5	0	-	0	-
Buldhana	60	1.75	23.00	5	8.33	23	38.33	16	26.67	15	25	1	1.67	0	-
Chandrapur	64	0.10	14.20	35	54.69	22	34.38	6	9.38	1	1.56	0	-	0	-
DNH	17	0.50	9.50	9	52.94	5	29.41	3	17.65	0	-	0	-	0	-
Dhule	40	1.00	21.00	2	5	10	25	22	55	4	10	1	2.5	1	2.5
Gadchiroli	34	0.20	5.00	23	67.65	11	32.35	0	-	0	-	0	-	0	-
Gondia	26	0.23	30.00	18	69.23	6	23.08	1	3.85	0	-	1	3.85	0	-
Hingoli	23	0.50	6.10	7	30.43	12	52.17	4	17.39	0	-	0	-	0	-
Jalgaon	49	0.60	41.60	6	12.24	18	36.73	9	18.37	9	18.37	6	12.24	1	2.04
Jalna	37	0.33	12.50	7	18.92	15	40.54	11	29.73	4	10.81	0	-	0	-
Kolhapur	38	0.30	9.60	20	52.63	12	31.58	6	15.79	0	-	0	-	0	-
Latur	40	0.50	12.30	6	15	15	37.5	13	32.5	6	15	0	-	0	-
Mumbai City	6	0.70	3.60	3	50	3	50	0	-	0	-	0	-	0	-
Mumbai Suburban	16	0.50	11.30	7	43.75	6	37.5	1	6.25	2	12.5	0	-	0	-
Nagpur	82	0.10	13.70	25	30.49	30	36.59	23	28.05	4	4.88	0	-	0	-
Nanded	49	0.70	16.20	12	24.49	28	57.14	6	12.24	3	6.12	0	-	0	-
Nandurbar	26	1.80	28.00	2	7.69	11	42.31	8	30.77	3	11.54	2	7.69	0	-
Nashik	83	0.55	41.00	24	28.92	28	33.73	19	22.89	8	9.64	3	3.61	1	1.2
Osmanabad	40	0.70	11.00	7	17.5	17	42.5	14	35	2	5	0	-	0	-
Parbhani	28	1.30	15.00	1	3.57	11	39.29	14	50	2	7.14	0	-	0	-
Pune	45	0.01	14.50	18	40	10	22.22	13	28.89	4	8.89	0	-	0	-
Raigad	35	0.01	1.80	35	100	0	-	0	-	0	-	0	-	0	-
Ratnagiri	62	0.01	14.05	33	53.23	20	32.26	6	9.68	3	4.84	0	-	0	-
Sangli	41	0.70	16.00	2	4.88	22	53.66	13	31.71	4	9.76	0	-	0	-
Satara	58	0.15	19.80	16	27.59	16	27.59	19	32.76	7	12.07	0	-	0	-
Sindudurg	48	0.01	10.40	25	52.08	12	25	9	18.75	2	4.17	0	-	0	-
Solapur	58	0.50	17.40	7	12.07	17	29.31	26	44.83	8	13.79	0	-	0	-
Thane	57	0.01	5.00	45	78.95	12	21.05	0	-	0	-	0	-	0	-
Wardha	61	0.13	10.99	24	39.34	19	31.15	15	24.59	3	4.92	0	-	0	-
Washim	40	1.00	11.50	8	20	20	50	11	27.5	1	2.5	0	-	0	-
Yavatmal	91	0.02	14.15	38	41.76	39	42.86	12	13.19	2	2.2	0	-	0	-
Total	1653	0.01	41.60	518	31.34	554	33.51	386	23.35	165	9.98	27	1.63	3	0.18

Annexure IV

Distribution of Percentage of Monitoring Wells showing depth to water level ranges in November 2018 in Maharashtra State and Union Territory of DNH

District	Number of Wells Analysed	DTWL (mbgl)		Number / Percentage of Wells Showing DTWL (mbgl) in the range of											
		Min	Max	0-2	%	2-5	%	5-10	%	10-20	%	20-40	%	>40	%
Ahmednagar	67	1.15	33.00	2	2.99	16	23.88	25	37.31	19	28.36	5	7.46	0	-
Akola	31	2.30	29.80	0	-	8	25.81	9	29.03	9	29.03	5	16.13	0	-
Amravati	90	1.10	35.50	6	6.67	25	27.78	26	28.89	23	25.56	10	11.11	0	-
Aurangabad	36	2.80	18.50	0	-	5	13.89	16	44.44	15	41.67	0	-	0	-
Beed	48	2.80	23.80	0	-	11	22.92	19	39.58	17	35.42	1	2.08	0	-
Bhandara	41	1.40	19.20	6	14.63	19	46.34	14	34.15	2	4.88	0	-	0	-
Buldhana	58	2.50	23.40	0	-	15	25.86	22	37.93	19	32.76	2	3.45	0	-
Chandrapur	68	1.05	14.30	10	14.71	34	50	20	29.41	4	5.88	0	-	0	-
DNH	17	1.46	10.78	2	11.76	9	52.94	5	29.41	1	5.88	0	-	0	-
Dhule	35	2.10	19.20	0	-	10	28.57	19	54.29	6	17.14	0	-	0	-
Gadchiroli	37	1.20	7.70	6	16.22	24	64.86	7	18.92	0	-	0	-	0	-
Gondia	27	1.80	11.90	2	7.41	18	66.67	4	14.81	3	11.11	0	-	0	-
Hingoli	29	2.75	18.60	0	-	7	24.14	17	58.62	5	17.24	0	-	0	-
Jalgaon	52	1.00	50.80	4	7.69	15	28.85	14	26.92	10	19.23	8	15.38	1	1.92
Jalna	44	2.40	19.00	0	-	11	25	22	50	11	25	0	-	0	-
Kolhapur	37	0.30	10.70	15	40.54	9	24.32	12	32.43	1	2.7	0	-	0	-
Latur	34	2.00	17.60	1	2.94	5	14.71	13	38.24	15	44.12	0	-	0	-
Mumbai City	6	0.93	6.70	3	50	2	33.33	1	16.67	0	-	0	-	0	-
Mumbai Suburban	17	1.00	12.20	5	29.41	8	47.06	3	17.65	1	5.88	0	-	0	-
Nagpur	85	0.20	16.50	9	10.59	35	41.18	30	35.29	11	12.94	0	-	0	-
Nanded	59	0.95	17.65	8	13.56	20	33.9	24	40.68	7	11.86	0	-	0	-
Nandurbar	27	2.10	25.25	0	-	6	22.22	13	48.15	6	22.22	2	7.41	0	-
Nashik	79	1.05	22.40	10	12.66	33	41.77	26	32.91	9	11.39	1	1.27	0	-
Osmanabad	33	2.00	30.00	1	3.03	3	9.09	18	54.55	10	30.3	1	3.03	0	-
Parbhani	38	0.90	18.20	2	5.26	7	18.42	21	55.26	8	21.05	0	-	0	-
Pune	43	0.01	20.50	10	23.26	13	30.23	13	30.23	6	13.95	1	2.33	0	-
Raigad	36	0.30	4.90	22	61.11	14	38.89	0	-	0	-	0	-	0	-
Ratnagiri	69	1.00	30.00	6	8.7	27	39.13	23	33.33	11	15.94	2	2.9	0	-
Sangli	41	0.90	17.25	4	9.76	20	48.78	13	31.71	4	9.76	0	-	0	-
Satara	50	0.70	19.00	11	22	15	30	17	34	7	14	0	-	0	-
Sindudurg	53	1.10	16.00	4	7.55	22	41.51	16	30.19	11	20.75	0	-	0	-
Solapur	45	1.45	18.20	3	6.67	11	24.44	21	46.67	10	22.22	0	-	0	-
Thane	56	0.90	6.65	19	33.93	31	55.36	6	10.71	0	-	0	-	0	-
Wardha	57	0.80	11.71	10	17.54	25	43.86	17	29.82	5	8.77	0	-	0	-
Washim	42	1.80	10.40	1	2.38	14	33.33	26	61.9	1	2.38	0	-	0	-
Yavatmal	88	2.41	18.28	0	-	33	37.5	39	44.32	16	18.18	0	-	0	-
Total	1675	0.01	50.80	182	10.87	580	34.63	591	35.28	283	16.90	38	2.27	1	0.06

Annexure V

Distribution of Percentage of Monitoring Wells showing depth to water level ranges in January 2019 in Maharashtra State and Union Territory of DNH

District	Number of Wells Analyzed	DTWL (m bgl)		Number / Percentage of Wells Showing DTWL (m bgl) in the range of											
		Min	Max	0-2	%	2-5	%	5-10	%	10-20	%	20-40	%	>40	%
Ahmednagar	65	0.90	22.70	5	7.69	6	9.23	26	40	25	38.46	3	4.62	0	-
Akola	31	0.50	30.50	2	6.45	5	16.13	8	25.81	9	29.03	7	22.58	0	-
Amravati	92	1.30	36.00	8	8.7	20	21.74	31	33.7	22	23.91	11	11.96	0	-
Aurangabad	37	1.00	21.60	1	2.7	2	5.41	12	32.43	21	56.76	1	2.7	0	-
Beed	47	2.40	24.33	0	-	6	12.77	16	34.04	23	48.94	2	4.26	0	-
Bhandara	40	1.40	13.00	2	5	15	37.5	17	42.5	6	15	0	-	0	-
Buldana	57	3.30	23.20	0	-	9	15.79	24	42.11	21	36.84	3	5.26	0	-
Chandrapur	69	1.50	17.75	3	4.35	30	43.48	31	44.93	5	7.25	0	-	0	-
DNH	15	2.00	12.30	1	6.67	5	33.33	8	53.33	1	6.67	0	-	0	-
Dhule	36	1.00	21.30	2	5.56	3	8.33	23	63.89	7	19.44	1	2.78	0	-
Gadchiroli	38	1.60	8.50	3	7.89	19	50	16	42.11	0	-	0	-	0	-
Gondia	29	0.65	15.75	3	10.34	9	31.03	11	37.93	6	20.69	0	-	0	-
Hingoli	31	3.10	20.50	0	-	2	6.45	13	41.94	15	48.39	1	3.23	0	-
Jalgaon	47	1.40	55.00	1	2.13	5	10.64	23	48.94	9	19.15	5	10.64	4	8.51
Jalna	42	3.20	30.00	0	-	7	16.67	18	42.86	16	38.1	1	2.38	0	-
Kolhapur	39	0.01	11.90	9	23.08	11	28.21	14	35.9	5	12.82	0	-	0	-
Latur	40	2.45	19.00	0	-	4	10	14	35	22	55	0	-	0	-
Mumbai City	6	0.73	6.60	3	50	2	33.33	1	16.67	0	-	0	-	0	-
Mumbai Suburban	17	0.90	11.40	4	23.53	8	47.06	4	23.53	1	5.88	0	-	0	-
Nagpur	92	1.00	24.50	4	4.35	26	28.26	50	54.35	11	11.96	1	1.09	0	-
Nanded	58	1.40	25.70	3	5.17	9	15.52	36	62.07	9	15.52	1	1.72	0	-
Nandurbar	27	1.00	29.70	1	3.7	1	3.7	20	74.07	3	11.11	2	7.41	0	-
Nashik	79	0.80	30.00	9	11.39	19	24.05	35	44.3	13	16.46	3	3.8	0	-
Osmanabad	40	2.50	20.00	0	-	4	10	19	47.5	17	42.5	0	-	0	-
Parbhani	38	1.20	29.59	1	2.63	5	13.16	15	39.47	15	39.47	2	5.26	0	-
Pune	46	0.01	16.50	8	17.39	9	19.57	22	47.83	7	15.22	0	-	0	-
Raigad	34	0.61	6.01	15	44.12	17	50	2	5.88	0	-	0	-	0	-
Ratnagiri	65	1.20	20.00	5	7.69	23	35.38	26	40	11	16.92	0	-	0	-
Sangli	41	0.20	19.00	1	2.44	16	39.02	17	41.46	7	17.07	0	-	0	-
Satara	55	1.20	21.20	3	5.45	18	32.73	24	43.64	9	16.36	1	1.82	0	-
Sindudurg	51	1.20	16.20	4	7.84	22	43.14	17	33.33	8	15.69	0	-	0	-
Solapur	58	1.50	17.65	2	3.45	10	17.24	29	50	17	29.31	0	-	0	-
Thane	54	1.15	15.80	8	14.81	40	74.07	5	9.26	1	1.85	0	-	0	-
Wardha	60	1.72	25.45	1	1.67	16	26.67	32	53.33	10	16.67	1	1.67	0	-
Washim	40	1.80	14.00	1	2.5	5	12.5	29	72.5	5	12.5	0	-	0	-
Yavatmal	90	2.00	18.10	1	1.11	32	35.56	47	52.22	10	11.11	0	-	0	-
Total	1706	0.01	55.00	114	6.68	440	25.79	735	43.08	367	21.51	46	2.70	4	0.23

Annexure VI

Fluctuation and Frequency Distribution of Monitoring Wells between August 2018 with reference to May 2018

District	Total Well Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	56	42	11	0.42	12	0.2	9.9	13	23.21	15	26.79	14	25	6	10.71	4	7.14	1	1.79
Akola	29	27	2	0.57	26.89	0.01	0.15	9	31.03	7	24.14	11	37.93	2	6.9	0	-	0	-
Amravati	85	80	4	0.1	17.1	0.3	1.8	29	34.12	24	28.24	27	31.76	4	4.71	0	-	0	-
Aurangabad	30	25	5	0.35	9.85	0.12	4.1	7	23.33	3	10	15	50	3	10	1	3.33	1	3.33
Beed	41	33	7	0.4	19.5	0.75	10.7	9	21.95	9	21.95	15	36.59	3	7.32	1	2.44	3	7.32
Bhandara	38	38	0	1	12.7	-	-	1	2.63	8	21.05	29	76.32	0	-	0	-	0	-
Buldhana	54	50	4	0.13	14.68	0.01	4.8	13	24.07	19	35.19	18	33.33	3	5.56	0	-	1	1.85
Chandrapur	62	62	0	0.45	12.45	-	-	4	6.45	15	24.19	43	69.35	0	-	0	-	0	-
DNH	17	15	2	1.02	15.01	0.14	0.3	2	11.76	5	29.41	8	47.06	2	11.76	0	-	0	-
Dhule	36	28	5	0.15	9	0.08	1.9	14	38.89	6	16.67	8	22.22	5	13.89	0	-	0	-
Gadchiroli	32	32	0	0.15	11.9	-	-	2	6.25	3	9.38	27	84.38	0	-	0	-	0	-
Gondia	25	24	1	4.15	11.1	14	14	0	-	0	-	24	96	0	-	0	-	1	4
Hingoli	23	23	0	0.8	11.6	-	-	1	4.35	3	13.04	19	82.61	0	-	0	-	0	-
Jalgaon	48	38	10	0.2	18.7	0.1	4.93	6	12.5	18	37.5	14	29.17	6	12.5	3	6.25	1	2.08
Jalna	37	34	3	0.4	16.15	1.22	2.45	5	13.51	13	35.14	16	43.24	2	5.41	1	2.7	0	-
Kolhapur	31	8	22	0.1	3.45	0.1	4.7	6	19.35	2	6.45	0	-	16	51.61	4	12.9	2	6.45
Latur	39	37	2	0.38	10.33	2.15	3.24	8	20.51	15	38.46	14	35.9	0	-	2	5.13	0	-
Mumbai City	6	6	0	0.85	1.9	-	-	6	100	0	-	0	-	0	-	0	-	0	-
Mumbai Suburban	14	14	0	0.4	4.6	-	-	8	57.14	2	14.29	4	28.57	0	-	0	-	0	-
Nagpur	82	80	2	0.3	27.9	0.7	1.7	9	10.98	20	24.39	51	62.2	2	2.44	0	-	0	-
Nanded	49	46	2	0.1	20.6	0.22	0.85	6	12.24	8	16.33	32	65.31	2	4.08	0	-	0	-
Nandurbar	26	20	5	0.02	14.6	0.08	3.05	4	15.38	5	19.23	11	42.31	3	11.54	2	7.69	0	-
Nashik	83	61	20	0.07	19.9	0.1	2.1	14	16.87	18	21.69	29	34.94	18	21.69	2	2.41	0	-
Osmanabad	39	33	6	0.05	9.8	0.07	4.49	9	23.08	9	23.08	15	38.46	5	12.82	0	-	1	2.56
Parbhani	26	22	4	0.3	31.7	0.2	3.35	6	23.08	5	19.23	11	42.31	3	11.54	1	3.85	0	-
Pune	44	37	6	0.4	9	0.2	9.1	11	25	18	40.91	8	18.18	4	9.09	1	2.27	1	2.27
Raigad	33	33	0	0.3	7.29	-	-	9	27.27	13	39.39	11	33.33	0	-	0	-	0	-
Ratnagiri	59	59	0	0.2	11.4	-	-	9	15.25	20	33.9	30	50.85	0	-	0	-	0	-
Sangli	36	16	20	0.4	7.59	0.05	5	11	30.56	2	5.56	3	8.33	10	27.78	7	19.44	3	8.33
Satara	40	19	18	0.2	4.2	0.4	5.2	10	25	8	20	1	2.5	10	25	7	17.5	1	2.5
Sindudurg	46	46	0	0.2	10.27	-	-	9	19.57	17	36.96	20	43.48	0	-	0	-	0	-
Solapur	54	39	15	0.1	11.2	0.04	3.83	22	40.74	12	22.22	5	9.26	14	25.93	1	1.85	0	-
Thane	53	52	1	0.12	12.9	0.4	0.4	7	13.21	30	56.6	15	28.3	1	1.89	0	-	0	-
Wardha	56	53	3	0.26	23.16	1.23	5.32	8	14.29	20	35.71	25	44.64	1	1.79	1	1.79	1	1.79
Washim	40	40	0	0.46	34.53	-	-	2	5	10	25	28	70	0	-	0	-	0	-
Yavatmal	86	86	0	0.87	26.34	-	-	10	11.63	14	16.28	62	72.09	0	-	0	-	0	-
Total	1555	1358	180	0.02	34.53	0.01	14.00	299	19.23	396	25.47	663	42.64	125	8.04	38	2.44	17	1.09

Annexure VII

Fluctuation and Frequency Distribution of Monitoring Wells between November 2018 with reference to May 2018

District	Total Wells Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	58	32	24	0.01	8.9	0.1	6.6	12	20.69	11	18.97	9	15.52	12	20.69	7	12.07	5	8.62
Akola	29	28	0	0.2	19.44	-	-	10	34.48	8	27.59	10	34.48	0	-	0	-	0	-
Amravati	89	74	14	0.1	19.4	0.1	2.6	41	46.07	15	16.85	18	20.22	12	13.48	2	2.25	0	-
Aurangabad	35	26	9	0.2	7.5	0.2	8.3	7	20	5	14.29	14	40	5	14.29	1	2.86	3	8.57
Beed	41	23	17	0.15	16	0.25	10.8	10	24.39	7	17.07	6	14.63	11	26.83	3	7.32	3	7.32
Bhandara	39	37	2	0.3	10	0.2	0.5	4	10.26	6	15.38	27	69.23	2	5.13	0	-	0	-
Buldhana	53	47	6	0.09	12.9	0.1	10.25	24	45.28	13	24.53	10	18.87	4	7.55	0	-	2	3.77
Chandrapur	65	61	3	0.1	6.9	1.05	6.9	16	24.62	30	46.15	15	23.08	1	1.54	1	1.54	1	1.54
DNH	17	14	3	0.14	14.45	0.86	3.26	5	29.41	2	11.76	7	41.18	1	5.88	2	11.76	0	-
Dhule	34	25	9	0.4	7.9	0.05	2.45	8	23.53	10	29.41	7	20.59	7	20.59	2	5.88	0	-
Gadchiroli	34	34	0	1.1	10.6	-	-	4	11.76	15	44.12	15	44.12	0	-	0	-	0	-
Gondia	26	26	0	0.6	9.9	-	-	1	3.85	11	42.31	14	53.85	0	-	0	-	0	-
Hingoli	27	22	5	0.5	8.95	0.1	1.11	4	14.81	8	29.63	10	37.04	5	18.52	0	-	0	-
Jalgaon	51	38	13	0.1	13.6	0.4	4	19	37.25	9	17.65	10	19.61	7	13.73	6	11.76	0	-
Jalna	44	28	14	0.1	13.3	0.1	4.5	12	27.27	3	6.82	13	29.55	10	22.73	2	4.55	2	4.55
Kolhapur	29	5	24	0.1	1.2	0.1	8.8	5	17.24	0	-	0	-	16	55.17	6	20.69	2	6.9
Latur	33	17	16	0.13	7.11	0.2	5.99	12	36.36	2	6.06	3	9.09	11	33.33	2	6.06	3	9.09
Mumbai City	6	5	1	0.56	1.42	1.6	1.6	5	83.33	0	-	0	-	1	16.67	0	-	0	-
Mumbai Suburban	15	15	0	0.13	4.55	-	-	10	66.67	4	26.67	1	6.67	0	-	0	-	0	-
Nagpur	82	75	7	0.2	25.8	0.3	4.1	14	17.07	36	43.9	25	30.49	5	6.1	1	1.22	1	1.22
Nanded	59	51	8	0.4	16.35	0.35	5.87	7	11.86	18	30.51	26	44.07	5	8.47	1	1.69	2	3.39
Nandurbar	26	20	6	0.1	15.7	0.09	2.4	5	19.23	9	34.62	6	23.08	5	19.23	1	3.85	0	-
Nashik	79	54	20	0.01	28.5	0.02	4.3	15	18.99	14	17.72	25	31.65	19	24.05	0	-	1	1.27
Osmanabad	32	13	19	0.24	5.79	0.08	20.07	9	28.13	2	6.25	2	6.25	11	34.38	2	6.25	6	18.75
Parbhani	36	25	11	0.15	30	0.3	3.65	8	22.22	6	16.67	11	30.56	7	19.44	4	11.11	0	-
Pune	42	27	15	0.01	8.1	0.2	10.3	12	28.57	7	16.67	8	19.05	7	16.67	4	9.52	4	9.52
Raigad	33	29	3	0.3	5.9	0.2	1.3	12	36.36	12	36.36	5	15.15	3	9.09	0	-	0	-
Ratnagiri	64	48	15	0.23	4.65	0.05	5.8	32	50	13	20.31	3	4.69	10	15.63	3	4.69	2	3.13
Sangli	36	16	17	0.2	15.29	0.1	6	9	25	5	13.89	2	5.56	10	27.78	6	16.67	1	2.78
Satara	36	16	20	0.3	5.15	0.2	6.2	9	25	6	16.67	1	2.78	12	33.33	5	13.89	3	8.33
Sindudurg	50	41	8	0.05	4.65	0.05	2.6	24	48	15	30	2	4	7	14	1	2	0	-
Solapur	41	17	24	0.02	4.17	0.15	4.4	14	34.15	2	4.88	1	2.44	23	56.1	0	-	1	2.44
Thane	52	48	4	0.17	9.55	0.7	2.04	18	34.62	26	50	4	7.69	2	3.85	2	3.85	0	-
Wardha	55	51	4	0.4	9	0.2	2.65	20	36.36	16	29.09	15	27.27	3	5.45	1	1.82	0	-
Washim	40	39	1	0.09	32.4	1.7	1.7	6	15	13	32.5	20	50	1	2.5	0	-	0	-
Yavatmal	83	68	15	0.16	10.32	0.06	9	28	33.73	21	25.3	19	22.89	11	13.25	2	2.41	2	2.41
Total	1571	1195	357	0.01	32.40	0.02	20.07	451	28.71	380	24.19	364	23.17	246	15.66	67	4.26	44	2.80

Annexure VIII

Fluctuation and Frequency Distribution of Monitoring Wells between November 2018 with reference to August 2018

District	Total Wells Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	61	10	49	0.05	11.1	0.1	12.1	7	11.48	2	3.28	1	1.64	29	47.54	12	19.67	8	13.11
Akola	30	15	15	0.03	8.8	0.2	9.2	7	23.33	4	13.33	4	13.33	9	30	3	10	3	10
Amravati	82	11	70	0.1	19.8	0.1	6.6	7	8.54	2	2.44	2	2.44	46	56.1	20	24.39	4	4.88
Aurangabad	29	8	21	0.12	5.12	0.25	6.35	5	17.24	2	6.9	1	3.45	8	27.59	6	20.69	7	24.14
Beed	47	4	40	0.9	9.8	0.1	7.4	1	2.13	2	4.26	1	2.13	17	36.17	15	31.91	8	17.02
Bhandara	40	6	34	0.05	3.7	0.4	7.2	5	12.5	1	2.5	0	-	23	57.5	9	22.5	2	5
Buldhana	57	13	43	0.1	5.5	0.05	15.05	11	19.3	1	1.75	1	1.75	28	49.12	9	15.79	6	10.53
Chandrapur	64	4	60	0.4	1.05	0.1	7.9	4	6.25	0	-	0	-	25	39.06	27	42.19	8	12.5
DNH	17	2	15	0.03	0.87	0.56	5.38	2	11.76	0	-	0	-	11	64.71	2	11.76	2	11.76
Dhule	35	16	19	0.03	6.9	0.03	3.52	7	20	7	20	2	5.71	15	42.86	4	11.43	0	-
Gadchiroli	32	3	29	0.3	3.2	0.25	5.4	2	6.25	1	3.13	0	-	9	28.13	19	59.38	1	3.13
Gondia	25	1	24	18.9	18.9	0.75	7.2	0	-	0	-	1	4	12	48	9	36	3	12
Hingoli	23	0	23	-	-	0.2	8.2	0	-	0	-	0	-	3	13.04	10	43.48	10	43.48
Jalgaon	48	11	35	0.2	12.9	0.3	15.24	7	14.58	1	2.08	3	6.25	23	47.92	8	16.67	4	8.33
Jalna	36	3	33	0.25	1.1	0.3	10.5	3	8.33	0	-	0	-	16	44.44	9	25	8	22.22
Kolhapur	36	9	27	0.1	2.65	0.1	6.7	7	19.44	2	5.56	0	-	20	55.56	5	13.89	2	5.56
Latur	33	1	32	0.28	0.28	0.33	10.2	1	3.03	0	-	0	-	10	30.3	11	33.33	11	33.33
Mumbai City	6	0	6	-	-	0.19	3.1	0	-	0	-	0	-	5	83.33	1	16.67	0	-
Mumbai Suburban	16	4	12	0.02	0.75	0.23	2.83	4	25	0	-	0	-	9	56.25	3	18.75	0	-
Nagpur	81	7	73	0.05	1.7	0.1	6.9	7	8.64	0	-	0	-	45	55.56	21	25.93	7	8.64
Nanded	49	11	38	0.22	2.75	0.25	11.25	8	16.33	3	6.12	0	-	21	42.86	7	14.29	10	20.41
Nandurbar	25	8	16	0.05	5.9	0.01	8	3	12	2	8	3	12	9	36	5	20	2	8
Nashik	79	30	49	0.05	28.5	0.15	7.9	21	26.58	5	6.33	4	5.06	29	36.71	14	17.72	6	7.59
Osmanabad	33	1	32	1.9	1.9	0.7	21.8	1	3.03	0	-	0	-	6	18.18	13	39.39	13	39.39
Parbhani	28	5	23	0.15	1.4	0.05	7.85	5	17.86	0	-	0	-	11	39.29	9	32.14	3	10.71
Pune	43	10	30	0.1	3.8	0.3	10.5	7	16.28	3	6.98	0	-	17	39.53	6	13.95	7	16.28
Raigad	35	0	35	-	-	0.1	3.6	0	-	0	-	0	-	28	80	7	20	0	-
Ratnagiri	62	1	61	1.3	1.3	0.2	10.4	1	1.61	0	-	0	-	16	25.81	24	38.71	21	33.87
Sangli	41	23	16	0.05	7.7	0.1	6.7	19	46.34	2	4.88	2	4.88	13	31.71	2	4.88	1	2.44
Satara	50	23	27	0.1	6.9	0.1	5.6	19	38	2	4	2	4	17	34	5	10	5	10
Sindudurg	48	1	47	1	1	0.15	7.2	1	2.08	0	-	0	-	18	37.5	15	31.25	14	29.17
Solapur	44	14	30	0.1	2.2	0.2	10.3	11	25	3	6.82	0	-	15	34.09	11	25	4	9.09
Thane	55	3	51	0.22	1.23	0.1	4.05	3	5.45	0	-	0	-	40	72.73	10	18.18	1	1.82
Wardha	57	11	46	0.03	5.72	0.24	8.34	8	14.04	1	1.75	2	3.51	34	59.65	10	17.54	2	3.51
Washim	40	7	32	0.1	1.8	0.2	7.8	7	17.5	0	-	0	-	13	32.5	14	35	5	12.5
Yavatmal	88	1	87	0.93	0.93	0.01	16.02	1	1.14	0	-	0	-	19	21.59	36	40.91	32	36.36
Total	1575	277	1280	0.02	28.50	0.01	21.80	202	12.83	46	2.92	29	1.84	669	42.48	391	24.83	220	13.97

Annexure IX

Fluctuation and Frequency Distribution of Monitoring Wells between January 2019 with reference to May 2018

District	Total Well Analyzed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	56	28	25	0.1	24.5	0.1	8.1	15	26.79	7	12.5	6	10.71	10	17.86	6	10.71	9	16.07
Akola	29	28	1	0.39	15.14	0.01	0.01	11	37.93	7	24.14	10	34.48	1	3.45	0	-	0	-
Amravati	91	68	21	0.1	15.5	0.2	7.2	38	41.76	14	15.38	16	17.58	16	17.58	2	2.2	3	3.3
Aurangabad	35	16	19	0.2	8.8	0.1	7.25	9	25.71	3	8.57	4	11.43	14	40	2	5.71	3	8.57
Beed	42	16	25	0.1	15.6	0.08	11.33	7	16.67	6	14.29	3	7.14	14	33.33	4	9.52	7	16.67
Bhandara	38	35	3	0.15	9	0.29	0.5	6	15.79	14	36.84	15	39.47	3	7.89	0	-	0	-
Buldhana	53	44	9	0.05	12.5	0.06	9.95	23	43.4	15	28.3	6	11.32	6	11.32	1	1.89	2	3.77
Chandrapur	66	60	6	0.3	6.1	0.3	4.3	27	40.91	29	43.94	4	6.06	4	6.06	1	1.52	1	1.52
DNH	15	8	7	1.02	7.32	0.3	4.45	2	13.33	4	26.67	2	13.33	5	33.33	0	-	2	13.33
Dhule	35	18	14	0.1	9	0.1	4.25	9	25.71	6	17.14	3	8.57	10	28.57	2	5.71	2	5.71
Gadchiroli	35	35	0	0.3	7.9	-	-	8	22.86	24	68.57	3	8.57	0	-	0	-	0	-
Gondia	28	25	3	1.4	8.2	0.25	0.9	5	17.86	14	50	6	21.43	3	10.71	0	-	0	-
Hingoli	28	17	10	0.01	6.75	0.1	5.29	9	32.14	6	21.43	2	7.14	7	25	2	7.14	1	3.57
Jalgaon	45	23	22	0.1	10.6	0.1	16.5	14	31.11	2	4.44	7	15.56	11	24.44	3	6.67	8	17.78
Jalna	42	19	20	0.1	11.9	0.1	22.9	8	19.05	5	11.9	6	14.29	15	35.71	2	4.76	3	7.14
Kolhapur	30	1	29	1.39	1.39	0.4	7.9	1	3.33	0	-	0	-	16	53.33	5	16.67	8	26.67
Latur	37	10	27	0.13	6.33	0.1	6.65	6	16.22	3	8.11	1	2.7	20	54.05	4	10.81	3	8.11
Mumbai City	6	5	1	0.23	1.62	1.5	1.5	5	83.33	0	-	0	-	1	16.67	0	-	0	-
Mumbai Suburban	15	14	1	0.59	4.37	0.7	0.7	10	66.67	3	20	1	6.67	1	6.67	0	-	0	-
Nagpur	85	75	9	0.15	25.6	0.05	6	38	44.71	28	32.94	9	10.59	6	7.06	2	2.35	1	1.18
Nanded	58	48	8	0.01	12.4	0.79	4.87	16	27.59	22	37.93	10	17.24	4	6.9	3	5.17	1	1.72
Nandurbar	27	18	5	0.15	17.45	1.3	9.7	10	37.04	2	7.41	6	22.22	1	3.7	3	11.11	1	3.7
Nashik	79	55	20	0.2	11	0.2	6.1	26	32.91	11	13.92	18	22.78	15	18.99	2	2.53	3	3.8
Osmanabad	39	14	25	0.17	4	0.11	9.3	11	28.21	3	7.69	0	-	14	35.9	5	12.82	6	15.38
Parbhani	36	16	20	0.01	28.2	0.05	14.59	10	27.78	5	13.89	1	2.78	12	33.33	5	13.89	3	8.33
Pune	44	24	19	0.02	5.9	0.18	7.1	14	31.82	7	15.91	3	6.82	12	27.27	6	13.64	1	2.27
Raigad	32	26	6	0.1	5.74	0.2	1.91	13	40.63	10	31.25	3	9.38	6	18.75	0	-	0	-
Ratnagiri	61	48	12	0.05	5.2	0.1	3.27	39	63.93	7	11.48	2	3.28	9	14.75	3	4.92	0	-
Sangli	35	9	25	0.4	10.04	0.05	4.6	5	14.29	2	5.71	2	5.71	11	31.43	13	37.14	1	2.86
Satara	39	7	32	0.1	2.6	0.2	5.5	5	12.82	2	5.13	0	-	16	41.03	12	30.77	4	10.26
Sindudurg	49	43	3	0.05	11.65	0.25	0.8	28	57.14	14	28.57	1	2.04	3	6.12	0	-	0	-
Solapur	53	18	35	0.45	13.45	0.03	8.23	11	20.75	5	9.43	2	3.77	21	39.62	6	11.32	8	15.09
Thane	49	44	5	0.08	4.95	0.15	2.64	29	59.18	12	24.49	3	6.12	4	8.16	1	2.04	0	-
Wardha	56	41	15	0.15	5.87	0.12	6.67	27	48.21	9	16.07	5	8.93	12	21.43	2	3.57	1	1.79
Washim	39	35	4	0.7	31.7	0.01	0.9	13	33.33	11	28.21	11	28.21	4	10.26	0	-	0	-
Yavatmal	85	72	12	0.3	10.5	0.18	6.8	25	29.41	28	32.94	19	22.35	8	9.41	3	3.53	1	1.18
Total	1592	1063	498	0.30	31.70	0.01	23	533	33.48	340	21.36	190	11.93	315	19.79	100	6.28	83	5.21

Annexure X

Fluctuation and Frequency Distribution of Monitoring Wells between January 2019 with reference to November 2018

District	Total Well Analyzed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	64	26	36	0.02	24.5	0.01	9.05	21	32.81	2	3.13	3	4.69	19	29.69	10	15.63	7	10.94
Akola	29	7	20	0.2	6.2	0.1	8	6	20.69	0	-	1	3.45	15	51.72	2	6.9	3	10.34
Amravati	90	33	55	0.1	11.5	0.1	20.7	24	26.67	6	6.67	3	3.33	44	48.89	5	5.56	6	6.67
Aurangabad	35	8	27	0.4	7.3	0.1	7	3	8.57	2	5.71	3	8.57	9	25.71	10	28.57	8	22.86
Beed	45	8	32	0.3	4.6	0.1	14.6	6	13.33	1	2.22	1	2.22	17	37.78	7	15.56	8	17.78
Bhandara	40	3	36	0.05	1	0.2	5.68	3	7.5	0	-	0	-	22	55	11	27.5	3	7.5
Buldana	56	18	35	0.05	2.75	0.05	8.4	17	30.36	1	1.79	0	-	28	50	4	7.14	3	5.36
Chandrapur	67	10	56	0.2	7.5	0.1	4.8	9	13.43	0	-	1	1.49	47	70.15	6	8.96	3	4.48
DNH	15	2	13	0.15	0.3	0.21	3.13	2	13.33	0	-	0	-	9	60	4	26.67	0	-
Dhule	35	10	25	0.05	3.1	0.05	6.9	6	17.14	4	11.43	0	-	10	28.57	8	22.86	7	20
Gadchiroli	35	5	29	0.1	0.9	0.2	3.5	5	14.29	0	-	0	-	25	71.43	4	11.43	0	-
Gondia	27	2	25	0.05	3.95	0.05	5.65	1	3.7	1	3.7	0	-	15	55.56	7	25.93	3	11.11
Hingoli	29	2	27	0.1	1.65	0.05	9.8	2	6.9	0	-	0	-	17	58.62	2	6.9	8	27.59
Jalgaon	45	3	42	2.1	10	0.1	15	0	-	1	2.22	2	4.44	18	40	15	33.33	9	20
Jalna	40	9	31	0.1	8.2	0.1	23.7	5	12.5	2	5	2	5	17	42.5	6	15	8	20
Kolhapur	35	2	33	0.9	4.09	0.1	5.9	1	2.86	0	-	1	2.86	26	74.29	5	14.29	2	5.71
Latur	31	8	22	0.05	6.53	0.23	6.57	6	19.35	1	3.23	1	3.23	17	54.84	2	6.45	3	9.68
Mumbai City	6	3	3	0.09	0.2	0.04	0.91	3	50	0	-	0	-	3	50	0	-	0	-
Mumbai Suburban	17	9	8	0.01	1.8	0.18	1.59	9	52.94	0	-	0	-	8	47.06	0	-	0	-
Nagpur	84	12	71	0.05	6.6	0.1	6.4	9	10.71	1	1.19	2	2.38	49	58.33	21	25	1	1.19
Nanded	57	12	45	0.4	7.8	0.06	17.2	6	10.53	2	3.51	4	7.02	23	40.35	12	21.05	10	17.54
Nandurbar	26	10	15	0.3	14.6	0.5	11.7	7	26.92	2	7.69	1	3.85	5	19.23	6	23.08	4	15.38
Nashik	75	27	46	0.15	9.32	0.01	18.5	19	25.33	5	6.67	3	4	17	22.67	13	17.33	16	21.33
Osmanabad	33	7	22	0.08	19.2	0.01	4.93	3	9.09	2	6.06	2	6.06	17	51.52	4	12.12	1	3.03
Parbhani	38	4	34	0.3	4.45	0.1	17.29	3	7.89	0	-	1	2.63	15	39.47	12	31.58	7	18.42
Pune	43	15	27	0.1	10	0.2	6.76	7	16.28	3	6.98	5	11.63	18	41.86	5	11.63	4	9.3
Raigad	34	5	29	0.04	1.69	0.01	2.34	5	14.71	0	-	0	-	28	82.35	1	2.94	0	-
Ratnagiri	64	21	39	0.05	9.7	0.05	5.45	16	25	3	4.69	2	3.13	33	51.56	5	7.81	1	1.56
Sangli	40	8	30	0.1	2.6	0.2	5.25	7	17.5	1	2.5	0	-	20	50	9	22.5	1	2.5
Satara	48	5	42	0.3	6.7	0.05	12.2	3	6.25	1	2.08	1	2.08	24	50	14	29.17	4	8.33
Sindudurg	51	20	26	0.15	10	0.04	2.8	17	33.33	2	3.92	1	1.96	23	45.1	3	5.88	0	-
Solapur	44	14	28	0.07	6.7	0.1	7.56	10	22.73	2	4.55	2	4.55	18	40.91	5	11.36	5	11.36
Thane	52	8	44	0.08	2.45	0.01	9.15	6	11.54	2	3.85	0	-	42	80.77	1	1.92	1	1.92
Wardha	56	7	49	0.03	4.72	0.08	7.7	5	8.93	1	1.79	1	1.79	22	39.29	18	32.14	9	16.07
Washim	40	3	35	0.2	1.6	0.1	6.8	3	7.5	0	-	0	-	25	62.5	8	20	2	5
Yavatmal	87	61	26	0.05	4.42	0.03	8.33	56	64.37	4	4.6	1	1.15	23	26.44	1	1.15	2	2.3
Total	1613	407	1163	0.01	24.50	0.01	24	311	19.28	52	3.22	44	2.73	768	47.61	246	15.25	149	9.24

Annexure XI

Fluctuation and Frequency Distribution of Monitoring Wells between May 2018 wrt Decadal mean for the period May 2008 - May 2017

District	Total Well Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	58	28	30	0.16	7.79	0.01	23.32	14	24.14	8	13.79	6	10.34	15	25.86	9	15.52	6	10.34
Akola	30	1	29	0.3	0.3	0.92	11.66	1	3.33	0		0		12	40	8	26.67	9	30
Amravati	90	27	63	0.05	15.27	0.05	8.16	22	24.44	4	4.44	1	1.11	43	47.78	12	13.33	8	8.89
Aurangabad	37	19	18	0.22	9.5	0.35	6.2	11	29.73	3	8.11	5	13.51	9	24.32	5	13.51	4	10.81
Beed	43	23	20	0.28	6.18	0.19	14.6	12	27.91	7	16.28	4	9.3	7	16.28	8	18.6	5	11.63
Bhandara	38	8	30	0.06	4.48	0.17	3.49	7	18.42	0		1	2.63	21	55.26	9	23.68	0	
Buldana	55	18	37	0.15	5.53	0.11	7.84	14	25.45	2	3.64	2	3.64	22	40	12	21.82	3	5.45
Chandrapur	67	30	37	-	7.46	0.01	4.07	25	37.31	4	5.97	1	1.49	30	44.78	6	8.96	1	1.49
Dhule	36	8	27	0.14	2.7	0.04	5.99	7	19.44	1	2.78	0		22	61.11	3	8.33	2	5.56
DNH	17	9	8	0.08	6.12	0.06	6.94	4	23.53	3	17.65	2	11.76	5	29.41	1	5.88	2	11.76
Gadchiroli	36	21	15	0.04	4.15	0.06	4.59	19	52.78	1	2.78	1	2.78	14	38.89	0		1	2.78
Gondia	28	5	23	0.1	0.75	0.29	5.5	5	17.86	0		0		17	60.71	5	17.86	1	3.57
Hingoli	28	10	18	0.25	4.2	0.19	6.53	6	21.43	3	10.71	1	3.57	14	50	2	7.14	2	7.14
Jalgaon	52	26	26	0.22	7.1	0.07	19.55	17	32.69	3	5.77	6	11.54	15	28.85	7	13.46	4	7.69
Jalna	45	34	11	0.09	8	0.05	6.2	16	35.56	12	26.67	6	13.33	8	17.78	2	4.44	1	2.22
Kolhapur	31	30	1	0.45	10.31	1.33	1.33	12	38.71	6	19.35	12	38.71	1	3.23	0		0	
Latur	40	31	9	0.05	21.81	0.13	8.48	16	40	7	17.5	8	20	5	12.5	2	5	2	5
Mumbai City	6	1	5	0.11	0.11	0.11	1.37	1	16.67	0		0		5	83.33	0		0	
Mumbai Suburban	15	1	14	0.08	0.08	0.25	4.24	1	6.67	0		0		11	73.33	2	13.33	1	6.67
Nagpur	149	74	75	0.1	4.52	0.02	10.38	51	34.23	22	14.77	1	0.67	60	40.27	12	8.05	3	2.01
Nanded	61	18	43	0.36	7.78	0.02	11.18	10	16.39	6	9.84	2	3.28	29	47.54	10	16.39	4	6.56
Nandurbar	27	6	21	0.27	4.2	0.16	11.51	4	14.81	1	3.7	1	3.7	16	59.26	3	11.11	2	7.41
Nashik	83	45	38	0.01	5.36	0.1	24.28	39	46.99	4	4.82	2	2.41	29	34.94	5	6.02	4	4.82
Osmanabad	39	33	6	0.12	6.72	0.23	5.49	22	56.41	5	12.82	6	15.38	4	10.26	0		2	5.13
Parbhani	34	21	13	0.15	8.85	0.02	4.98	6	17.65	5	14.71	10	29.41	7	20.59	5	14.71	1	2.94
Pune	44	22	22	0.27	6.89	0.03	4.34	15	34.09	5	11.36	2	4.55	15	34.09	5	11.36	2	4.55
Raigad	35	22	13	0.21	3.2	0.42	4.53	16	45.71	6	17.14	0		7	20	5	14.29	1	2.86
Ratnagiri	65	41	24	0.01	5.27	0.01	5.35	30	46.15	10	15.38	1	1.54	21	32.31	2	3.08	1	1.54
Sangli	33	28	5	0.01	10.05	0.15	7.96	14	42.42	10	30.3	4	12.12	3	9.09	1	3.03	1	3.03
Satara	41	36	5	0.05	7.02	0.11	1.96	14	34.15	14	34.15	8	19.51	5	12.2	0		0	
Sindudurg	51	36	15	0.01	2.32	0.02	3.51	33	64.71	3	5.88	0		13	25.49	2	3.92	0	
Solapur	56	39	17	0.12	5.54	0.2	11.44	33	58.93	3	5.36	3	5.36	11	19.64	4	7.14	2	3.57
Thane	59	21	38	0.07	5.65	0.02	3.77	17	28.81	2	3.39	2	3.39	33	55.93	5	8.47	0	
Wardha	57	35	22	0.02	5.7	0.02	7.22	29	50.88	5	8.77	1	1.75	17	29.82	3	5.26	2	3.51
Washim	39	4	35	0.23	3.68	0.19	23.57	3	7.69	1	2.56	0		17	43.59	14	35.9	4	10.26
Yavatmal	86	29	57	0.03	7.69	0.05	12.18	18	20.93	6	6.98	5	5.81	29	33.72	16	18.6	12	13.95
Total	1711	840	870	0.01	21.81	0.01	24.28	564	32.96	172	10.05	104	6.08	592	34.60	185	10.81	93	5.44

Annexure XII

Fluctuation and Frequency Distribution of Monitoring Wells between Aug.2018 wrt Decadal mean for the period Aug 2008 - Aug 2017

District	Total Well Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	58	33	25	0.05	7.25	0.06	24.24	18	31.03	12	20.69	3	5.17	15	25.86	3	5.17	7	12.07
Akola	32	10	22	1	7.33	0.73	10.2	6	18.75	1	3.13	3	9.38	10	31.25	7	21.88	5	15.63
Amravati	84	32	52	0.01	8.78	0.11	10.14	29	34.52	2	2.38	1	1.19	37	44.05	10	11.9	5	5.95
Aurangabad	31	14	17	0.15	7.2	0.28	9.12	10	32.26	3	9.68	1	3.23	5	16.13	8	25.81	4	12.9
Beed	40	19	21	0.15	10.3	0.24	8.94	11	27.5	5	12.5	3	7.5	13	32.5	4	10	4	10
Bhandara	37	23	14	0.04	2.75	0.02	6.34	21	56.76	2	5.41	0	-	8	21.62	5	13.51	1	2.7
Buldhana	60	22	37	0.1	7.48	0.13	6.15	15	25	6	10	1	1.67	22	36.67	7	11.67	8	13.33
Chandrapur	63	52	11	0.11	7.03	0.36	2.23	39	61.9	11	17.46	2	3.17	9	14.29	2	3.17	0	-
DNH	17	3	14	0.16	1.3	0.14	7.41	3	17.65	0	-	0	-	12	70.59	1	5.88	1	5.88
Dhule	38	10	28	0.15	1.27	0.16	41.63	10	26.32	0	-	0	-	18	47.37	8	21.05	2	5.26
Gadchiroli	34	32	2	0.11	4.7	0.56	3.48	25	73.53	6	17.65	1	2.94	1	2.94	1	2.94	0	-
Gondia	26	15	11	0.09	1.96	0.15	23.58	15	57.69	0	-	0	-	10	38.46	0	-	1	3.85
Hingoli	23	22	1	0.1	4.37	0.5	0.5	8	34.78	11	47.83	3	13.04	1	4.35	0	-	0	-
Jalgaon	49	27	22	0.06	14.15	0	13.85	19	38.78	6	12.24	2	4.08	11	22.45	3	6.12	8	16.33
Jalna	37	22	15	0	7.82	0.05	5.7	15	40.54	4	10.81	3	8.11	11	29.73	3	8.11	1	2.7
Kolhapur	36	21	15	0	2.14	0.02	3.69	19	52.78	2	5.56	0	-	13	36.11	2	5.56	0	-
Latur	39	26	13	0.02	5.83	0.13	3.25	15	38.46	10	25.64	1	2.56	12	30.77	1	2.56	0	-
Mumbai City	6	1	4	0.3	0.3	0.32	1.17	1	16.67	0	-	0	-	4	66.67	0	-	0	-
Mumbai Suburban	16	1	15	0.15	0.15	0.1	6.47	1	6.25	0	-	0	-	9	56.25	3	18.75	3	18.75
Nagpur	82	40	42	0.02	3	0.05	6.47	34	41.46	6	7.32	0	-	38	46.34	3	3.66	1	1.22
Nanded	49	38	11	0.2	20.4	0.08	4.36	14	28.57	17	34.69	7	14.29	7	14.29	3	6.12	1	2.04
Nandurbar	26	10	16	0.69	5.4	0.15	6.72	5	19.23	2	7.69	3	11.54	9	34.62	4	15.38	3	11.54
Nashik	83	36	47	0.02	10.32	0.03	32.05	25	30.12	7	8.43	4	4.82	38	45.78	7	8.43	2	2.41
Osmanabad	40	29	11	0.02	9.8	0.33	2.52	16	40	9	22.5	4	10	8	20	3	7.5	0	-
Parbhani	26	21	5	0.3	16.05	0.02	2.99	9	34.62	5	19.23	7	26.92	4	15.38	1	3.85	0	-
Pune	45	26	19	0.04	4.79	0.06	5.55	21	46.67	3	6.67	2	4.44	11	24.44	4	8.89	4	8.89
Raigad	34	28	5	0.01	1.53	0.01	1	28	82.35	0	-	0	-	5	14.71	0	-	0	-
Ratnagiri	59	52	7	0.03	5.07	0.08	6	48	81.36	2	3.39	2	3.39	5	8.47	1	1.69	1	1.69
Sangli	40	20	20	0.13	7.3	0.02	4.5	15	37.5	2	5	3	7.5	14	35	4	10	2	5
Satara	57	31	26	0.02	3.75	0.01	7.5	25	43.86	6	10.53	0	-	20	35.09	2	3.51	4	7.02
Sindudurg	47	37	10	0.01	2.75	0.01	3.39	35	74.47	2	4.26	0	-	6	12.77	4	8.51	0	-
Solapur	57	30	27	0.04	11.08	0.05	5.05	21	36.84	8	14.04	1	1.75	17	29.82	8	14.04	2	3.51
Thane	57	15	41	0.01	0.64	0.07	2.53	15	26.32	0	-	0	-	40	70.18	1	1.75	0	-
Wardha	61	34	26	0.01	2.08	0.01	4.09	33	54.1	1	1.64	0	-	22	36.07	3	4.92	1	1.64
Washim	40	18	22	0.11	2.8	0.04	3.38	17	42.5	1	2.5	0	-	17	42.5	5	12.5	0	-
Yavatmal	91	61	30	0.03	7.75	0.03	2.93	34	37.36	22	24.18	5	5.49	27	29.67	3	3.3	0	-
Total	1620	911	704	0.00	20.40	0.00	41.63	675	41.67	174	10.74	62	3.83	509	31.42	124	7.65	71	4.38

Annexure XIII

Fluctuation and Frequency Distribution of Monitoring Wells between Nov. 2018 wrt Decadal mean for the period November 2008-2017

District	Total Wells Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	61	17	44	0.02	4.32	0.45	24.27	10	16.39	6	9.84	1	1.64	18	29.51	10	16.39	16	26.23
Akola	31	7	24	0.16	4.7	0.2	9.34	4	12.9	2	6.45	1	3.23	14	45.16	6	19.35	4	12.9
Amravati	88	17	71	0.05	15.94	0.06	11.82	11	12.5	2	2.27	4	4.55	38	43.18	20	22.73	13	14.77
Aurangabad	36	3	33	0.03	0.7	0.22	8.18	3	8.33	0	-	0	-	12	33.33	13	36.11	8	22.22
Beed	42	7	35	0.1	3.09	0.38	11.98	5	11.9	2	4.76	0	-	11	26.19	10	23.81	14	33.33
Bhandara	38	10	28	0.05	3.94	0.03	5.37	9	23.68	1	2.63	0	-	19	50	7	18.42	2	5.26
Buldhana	58	5	53	0.32	1.71	0.01	7.97	5	8.62	0	-	0	-	30	51.72	12	20.69	11	18.97
Chandrapur	68	22	46	0.01	6.58	0.11	7.36	20	29.41	1	1.47	1	1.47	36	52.94	6	8.82	4	5.88
DNH	17	3	14	0.34	2.73	0.1	5.26	2	11.76	1	5.88	0	-	11	64.71	1	5.88	2	11.76
Dhule	35	8	27	0.21	5.16	0.17	6.62	5	14.29	1	2.86	2	5.71	17	48.57	8	22.86	2	5.71
Gadchiroli	37	15	22	0.01	2.92	0.05	2.13	13	35.14	2	5.41	0	-	21	56.76	1	2.7	0	-
Gondia	27	2	25	0.45	1.04	0.1	6.93	2	7.41	0	-	0	-	22	81.48	2	7.41	1	3.7
Hingoli	29	9	20	0.03	3.32	0.16	8.45	7	24.14	2	6.9	0	-	14	48.28	3	10.34	3	10.34
Jalgaon	52	17	35	0.02	6.64	0.08	24.07	12	23.08	3	5.77	2	3.85	18	34.62	9	17.31	8	15.38
Jalna	44	9	35	0.05	4.65	0.02	10.24	8	18.18	0	-	1	2.27	13	29.55	10	22.73	12	27.27
Kolhapur	37	15	22	0.28	4.48	0.14	7.38	14	37.84	0	-	1	2.7	14	37.84	6	16.22	2	5.41
Latur	34	2	32	0.23	0.97	0.01	10.92	2	5.88	0	-	0	-	13	38.24	7	20.59	12	35.29
Mumbai City	6	3	3	0.2	1.52	0.01	0.54	3	50	0	-	0	-	3	50	0	-	0	-
Mumbai Suburban	17	11	6	0.33	2.2	0.04	5.09	10	58.82	1	5.88	0	-	4	23.53	1	5.88	1	5.88
Nagpur	83	22	61	0.05	2.33	0.01	6.87	20	24.1	2	2.41	0	-	50	60.24	7	8.43	4	4.82
Nanded	59	28	31	0.11	9.64	0.06	9.95	18	30.51	6	10.17	4	6.78	20	33.9	7	11.86	4	6.78
Nandurbar	27	3	24	0.93	1.28	0.36	6.45	3	11.11	0	-	0	-	13	48.15	8	29.63	3	11.11
Nashik	79	19	60	0.03	13.58	0.03	9.5	16	20.25	2	2.53	1	1.27	39	49.37	14	17.72	7	8.86
Osmanabad	33	3	30	0.98	1.73	0.08	22.82	3	9.09	0	-	0	-	7	21.21	7	21.21	16	48.48
Parbhani	36	15	21	0.2	12.28	0.14	11.52	10	27.78	3	8.33	2	5.56	13	36.11	3	8.33	5	13.89
Pune	43	15	28	0.04	3.19	0.06	12.59	14	32.56	1	2.33	0	-	12	27.91	6	13.95	10	23.26
Raigad	35	16	19	0.02	0.66	0.03	1.53	16	45.71	0	-	0	-	19	54.29	0	-	0	-
Ratnagiri	66	8	58	0.03	2.09	0.06	19.43	7	10.61	1	1.52	0	-	42	63.64	10	15.15	6	9.09
Sangli	41	8	33	0.06	3.3	0.15	9.55	7	17.07	1	2.44	0	-	21	51.22	5	12.2	7	17.07
Satara	50	17	33	0.04	6.6	0.01	9.91	14	28	2	4	1	2	19	38	7	14	7	14
Sindudurg	52	2	50	0.14	0.73	0.01	5.19	2	3.85	0	-	0	-	41	78.85	8	15.38	1	1.92
Solapur	45	2	43	0.05	1.05	0.03	7.09	2	4.44	0	-	0	-	16	35.56	14	31.11	13	28.89
Thane	56	13	43	0.02	1.62	0.01	2.99	13	23.21	0	-	0	-	41	73.21	2	3.57	0	-
Wardha	57	35	22	0.01	2.94	0.03	4.66	28	49.12	7	12.28	0	-	15	26.32	5	8.77	2	3.51
Washim	42	9	33	0.04	1.46	0.18	6.55	9	21.43	0	-	0	-	23	54.76	9	21.43	1	2.38
Yavatmal	88	6	82	0.11	2.02	0.02	7.61	5	5.68	1	1.14	0	-	55	62.5	18	20.45	9	10.23
Total	1649	403	1246	0.01	15.94	0.01	24.27	332	20.133	50	3.032	21	1.273	774	46.938	262	15.888	210	12.735

Annexure XIV

Fluctuation and Frequency Distribution of Monitoring Wells between Jan. 2019 wrt Decadal mean for the period Jan 2009 - Jan 2018

District	Total Well Analyzed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	59	18	41	0.11	4.8	0.26	7.28	14	23.73	3	5.08	1	1.69	13	22.03	15	25.42	13	22.03
Akola	31	13	18	0.08	5.9	0.24	6.56	11	35.48	1	3.23	1	3.23	10	32.26	6	19.35	2	6.45
Amravati	90	25	65	0.04	12.2	0.03	11.49	18	20	5	5.56	2	2.22	42	46.67	14	15.56	9	10
Aurangabad	36	7	29	0.06	5.95	0.23	9.21	5	13.89	0	-	2	5.56	8	22.22	8	22.22	13	36.11
Beed	42	5	37	0.18	1.3	0.32	11.9	5	11.9	0	-	0	-	12	28.57	9	21.43	16	38.1
Bhandara	37	7	30	0.06	2.85	0.13	3.66	6	16.22	1	2.7	0	-	19	51.35	11	29.73	0	-
Buldhana	57	14	43	0.02	6.13	0.08	8.02	10	17.54	1	1.75	3	5.26	28	49.12	9	15.79	6	10.53
Chandrapur	69	42	27	0.04	3.76	0.11	4.75	40	57.97	2	2.9	0	-	19	27.54	5	7.25	3	4.35
DNH	15	2	12	0.3	0.81	0.25	5.8	2	13.33	0	-	0	-	6	40	3	20	3	20
Dhule	36	5	31	0.1	4.92	0.15	5.47	4	11.11	0	-	1	2.78	13	36.11	14	38.89	4	11.11
Gadchiroli	38	25	12	0.09	3.5	0.07	4.1	21	55.26	4	10.53	0	-	11	28.95	0	-	1	2.63
Gondia	29	6	23	0.04	4.3	0.12	5.87	5	17.24	0	-	1	3.45	14	48.28	4	13.79	5	17.24
Hingoli	31	8	23	0.17	4.06	0.31	6.9	5	16.13	2	6.45	1	3.23	15	48.39	5	16.13	3	9.68
Jalgaon	46	3	43	0.16	0.92	0.35	19.15	3	6.52	0	-	0	-	17	36.96	17	36.96	9	19.57
Jalna	42	9	33	0	2.7	0.22	22.94	6	14.29	3	7.14	0	-	15	35.71	8	19.05	10	23.81
Kolhapur	37	10	27	0.03	2.72	0.06	5.81	9	24.32	1	2.7	0	-	22	59.46	3	8.11	2	5.41
Latur	38	6	32	0.15	5.35	0.23	7.99	4	10.53	0	-	2	5.26	16	42.11	7	18.42	9	23.68
Mumbai City	6	3	3	0.06	0.8	0.09	0.57	3	50	0	-	0	-	3	50	0	-	0	-
Mumbai Suburban	17	9	8	0.6	2.1	0.2	5.25	7	41.18	2	11.76	0	-	6	35.29	1	5.88	1	5.88
Nagpur	85	26	58	0.03	10.39	0.03	9.96	22	25.88	2	2.35	2	2.35	41	48.24	13	15.29	4	4.71
Nanded	58	31	27	0.01	3.8	0.03	7.62	25	43.1	6	10.34	0	-	17	29.31	6	10.34	4	6.9
Nandurbar	27	5	22	0.68	15.17	0.04	11.47	4	14.81	0	-	1	3.7	13	48.15	6	22.22	3	11.11
Nashik	78	19	58	0.01	4.72	0.01	12.88	15	19.23	2	2.56	2	2.56	29	37.18	17	21.79	12	15.38
Osmanabad	40	8	32	0.09	1.78	0.52	9.59	8	20	0	-	0	-	10	25	10	25	12	30
Parbhani	38	10	28	0.1	13.99	0.07	14.56	5	13.16	3	7.89	2	5.26	14	36.84	6	15.79	8	21.05
Pune	46	17	29	0.2	3.96	0.03	5.33	12	26.09	5	10.87	0	-	17	36.96	8	17.39	4	8.7
Raigad	33	25	8	0.02	2.84	0.01	1.14	23	69.7	2	6.06	0	-	8	24.24	0	-	0	-
Ratnagiri	61	20	41	0.01	1.95	0.01	4.53	20	32.79	0	-	0	-	35	57.38	5	8.2	1	1.64
Sangli	40	13	27	0.1	6.3	0.05	8.95	11	27.5	1	2.5	1	2.5	17	42.5	5	12.5	5	12.5
Satara	55	5	50	0.09	5.24	0.11	11.7	1	1.82	3	5.45	1	1.82	36	65.45	8	14.55	6	10.91
Sindudurg	50	25	25	0.05	7.23	0.09	1.85	24	48	0	-	1	2	25	50	0	-	0	-
Solapur	57	8	49	0.27	4.63	0.12	7.89	7	12.28	0	-	1	1.75	22	38.6	13	22.81	14	24.56
Thane	54	15	39	0.02	4.72	0.02	4.9	14	25.93	0	-	1	1.85	37	68.52	1	1.85	1	1.85
Wardha	60	21	39	0.03	3.04	0.02	16.96	18	30	3	5	0	-	28	46.67	9	15	2	3.33
Washim	40	16	24	0.06	2.89	0.09	3.66	15	37.5	1	2.5	0	-	19	47.5	5	12.5	0	-
Yavatmal	90	40	50	0.01	4.44	0.04	6.03	34	37.78	5	5.56	1	1.11	43	47.78	4	4.44	3	3.33
Total	1668	521	1143	0.00	15.17	0.01	23	436	26.14	58	3.48	27	1.62	700	41.97	255	15.29	188	11.27

Annexure XV

Fluctuation and Frequency Distribution of Monitoring Wells between May 2018 with reference to May 2017

District	Total Well Analyzed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	46	24	19	0.1	15.2	0.5	25	14	30.43	4	8.7	6	13.04	10	21.74	2	4.35	7	15.22
Akola	27	10	17	0.01	5.1	0.1	11.29	9	33.33	0		1	3.7	11	40.74	2	7.41	4	14.81
Amravati	84	25	58	0.05	2.4	0.09	13.3	21	25	4	4.76	0		41	48.81	10	11.9	7	8.33
Aurangabad	35	18	16	0.1	9.5	0.1	4	12	34.29	2	5.71	4	11.43	10	28.57	6	17.14	0	
Beed	35	12	22	0.48	11.3	0.1	10.83	7	20	2	5.71	3	8.57	12	34.29	5	14.29	5	14.29
Bhandara	33	18	13	0.09	3.9	0.2	3.7	17	51.52	1	3.03	0		12	36.36	1	3.03	0	
Buldana	53	26	25	0.01	11.6	0.04	10.7	15	28.3	5	9.43	6	11.32	13	24.53	8	15.09	4	7.55
Chandrapur	65	15	46	0.1	2.8	0.1	3.4	12	18.46	3	4.62	0		36	55.38	10	15.38	0	
Dhule	36	15	19	0.05	0.95	0.1	6.2	15	41.67	0		0		15	41.67	2	5.56	2	5.56
DNH	17	8	9	0.08	7.26	0.02	11.29	3	17.65	2	11.76	3	17.65	7	41.18	1	5.88	1	5.88
Gadchiroli	36	11	22	0.1	1.8	0.1	3.3	11	30.56	0		0		19	52.78	3	8.33	0	
Gondia	27	7	20	0.29	5.1	0.2	5.5	6	22.22	0		1	3.7	18	66.67	1	3.7	1	3.7
Hingoli	28	11	14	0.4	5.8	0.01	3.4	4	14.29	5	17.86	2	7.14	8	28.57	6	21.43	0	
Jalgaon	47	15	31	0.2	7.1	0.06	16.23	7	14.89	4	8.51	4	8.51	19	40.43	4	8.51	8	17.02
Jalna	43	23	18	0.1	9.6	0.1	4.7	11	25.58	7	16.28	5	11.63	12	27.91	3	6.98	3	6.98
Kolhapur	31	24	7	0.1	9.4	0.09	4.75	8	25.81	9	29.03	7	22.58	6	19.35	0		1	3.23
Latur	37	27	9	0.24	8.61	0.05	4.91	18	48.65	5	13.51	4	10.81	7	18.92	0		2	5.41
Mumbai City	6	1	5	0.11	0.11	0.37	1.37	1	16.67	0		0		5	83.33	0		0	
Mumbai Suburban	15	1	14	0.08	0.08	0.25	4.24	1	6.67	0		0		11	73.33	2	13.33	1	6.67
Nagpur	84	32	49	0.1	7	0.02	3.3	22	26.19	5	5.95	5	5.95	40	47.62	9	10.71	0	
Nanded	60	16	39	0.09	6.25	0.1	11.5	8	13.33	4	6.67	4	6.67	26	43.33	9	15	4	6.67
Nandurbar	27	10	15	0.1	1.35	0.1	5.5	10	37.04	0		0		13	48.15	1	3.7	1	3.7
Nashik	83	33	48	0.08	5.65	0.04	29.9	30	36.14	2	2.41	1	1.2	42	50.6	4	4.82	2	2.41
Osmanabad	37	32	5	0.2	8.51	0.22	9.39	17	45.95	7	18.92	8	21.62	2	5.41	2	5.41	1	2.7
Parbhani	34	19	13	0.1	8.9	0.01	5	10	29.41	6	17.65	3	8.82	11	32.35	1	2.94	1	2.94
Pune	43	21	21	0.05	8.55	0.18	4.45	11	25.58	6	13.95	4	9.3	16	37.21	3	6.98	2	4.65
Raigad	30	17	13	0.04	3.3	0.25	4.18	13	43.33	4	13.33	0		7	23.33	5	16.67	1	3.33
Ratnagiri	60	52	5	0.05	6.01	0.3	3.5	37	61.67	13	21.67	2	3.33	4	6.67	1	1.67	0	
Sangli	33	26	7	0.2	13.7	0.05	11.19	13	39.39	7	21.21	6	18.18	5	15.15	1	3.03	1	3.03
Satara	38	34	3	0.1	7.8	0.2	0.9	8	21.05	12	31.58	14	36.84	3	7.89	0		0	
Sindudurg	49	41	7	0.1	6.15	0.1	6.25	36	73.47	4	8.16	1	2.04	5	10.2	0		2	4.08
Solapur	54	39	15	0.3	9.35	0.04	11.44	19	35.19	12	22.22	8	14.81	9	16.67	3	5.56	3	5.56
Thane	58	24	31	0.05	11.08	0.02	4.4	19	32.76	3	5.17	2	3.45	28	48.28	2	3.45	1	1.72
Wardha	56	35	20	0.02	6.1	0.1	5.09	32	57.14	2	3.57	1	1.79	16	28.57	3	5.36	1	1.79
Washim	38	17	18	0.01	5.8	0.04	7.39	13	34.21	2	5.26	2	5.26	12	31.58	3	7.89	3	7.89
Yavatmal	82	24	56	0.1	6.95	0.1	12.3	17	20.73	2	2.44	5	6.1	34	41.46	13	15.85	9	10.98
Total	1567	763	749	0.01	15.20	0.01	29.90	507	32.35	144	9.19	112	7.15	545	34.78	126	8.04	78	4.98

Annexure XVI

Fluctuation and Frequency Distribution of Monitoring Wells between August 2018 with reference to August 2017

District	Total Well Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	58	28	28	0.3	8.4	0.1	25.6	7	12.07	14	24.14	7	12.07	10	17.24	12	20.69	6	10.34
Akola	30	22	8	0.05	13.35	0.25	7.5	12	40	2	6.67	8	26.67	5	16.67	2	6.67	1	3.33
Amravati	82	45	35	0.1	5.9	0.05	4.1	32	39.02	12	14.63	1	1.22	30	36.59	4	4.88	1	1.22
Aurangabad	30	15	15	0.25	11.3	0.22	9.12	9	30	5	16.67	1	3.33	10	33.33	2	6.67	3	10
Beed	39	17	20	0.1	10.3	0.2	13.6	6	15.38	4	10.26	7	17.95	11	28.21	4	10.26	5	12.82
Bhandara	36	31	4	0.1	7.1	0.2	1.7	21	58.33	4	11.11	6	16.67	4	11.11	0	-	0	-
Buldhana	55	32	22	0.13	14.75	0.09	4.58	21	38.18	9	16.36	2	3.64	14	25.45	7	12.73	1	1.82
Chandrapur	59	50	9	0.03	5.1	0.1	1.33	32	54.24	15	25.42	3	5.08	9	15.25	0	-	0	-
DNH	17	5	9	0.1	2.2	0.2	5.5	4	23.53	1	5.88	0	-	8	47.06	0	-	1	5.88
Dhule	37	14	23	0.15	3.58	0.25	3.9	12	32.43	2	5.41	0	-	21	56.76	2	5.41	0	-
Gadchiroli	33	28	4	0.1	4.7	0.35	4.17	19	57.58	7	21.21	2	6.06	2	6.06	1	3.03	1	3.03
Gondia	24	18	5	0.1	8.3	0.1	16.1	11	45.83	4	16.67	3	12.5	4	16.67	0	-	1	4.17
Hingoli	23	12	11	0.2	5.2	0.45	3.7	5	21.74	5	21.74	2	8.7	8	34.78	3	13.04	0	-
Jalgaon	47	27	19	0.1	16.24	0.2	6.8	12	25.53	11	23.4	4	8.51	11	23.4	2	4.26	6	12.77
Jalna	36	21	15	0.05	8.17	0.3	5.35	11	30.56	7	19.44	3	8.33	8	22.22	4	11.11	3	8.33
Kolhapur	28	18	6	0.3	6	0.05	3.2	13	46.43	1	3.57	4	14.29	5	17.86	1	3.57	0	-
Latur	34	12	21	0.27	1.38	0.3	6.68	12	35.29	0	-	0	-	11	32.35	7	20.59	3	8.82
Mumbai City	6	1	4	0.3	0.3	0.6	2.1	1	16.67	0	-	0	-	3	50	1	16.67	0	-
Mumbai Suburban	16	1	15	0.15	0.15	0.1	7.5	1	6.25	0	-	0	-	9	56.25	3	18.75	3	18.75
Nagpur	76	42	32	0.1	5.6	0.1	3.1	29	38.16	10	13.16	3	3.95	31	40.79	1	1.32	0	-
Nanded	45	28	16	0.1	28.5	0.1	9.9	16	35.56	6	13.33	6	13.33	13	28.89	2	4.44	1	2.22
Nandurbar	25	11	13	0.05	7.7	0.5	5.48	6	24	3	12	2	8	9	36	2	8	2	8
Nashik	79	20	59	0.05	10.35	0.1	15	13	16.46	3	3.8	4	5.06	42	53.16	11	13.92	6	7.59
Osmanabad	33	9	23	0.6	8.3	0.03	7.3	6	18.18	0	-	3	9.09	13	39.39	7	21.21	3	9.09
Parbhani	25	16	9	0.15	5.85	0.1	5.4	7	28	7	28	2	8	8	32	0	-	1	4
Pune	43	13	25	0.2	4.79	0.07	6.35	8	18.6	4	9.3	1	2.33	11	25.58	7	16.28	7	16.28
Raigad	34	11	12	0.3	6.49	0.19	1.39	9	26.47	1	2.94	1	2.94	12	35.29	0	-	0	-
Ratnagiri	58	47	9	0.15	12	0.05	4.3	39	67.24	3	5.17	5	8.62	7	12.07	1	1.72	1	1.72
Sangli	38	26	12	0.15	10.2	0.1	4.8	14	36.84	6	15.79	6	15.79	9	23.68	1	2.63	2	5.26
Satara	52	36	13	0.2	14.2	0.05	14.4	25	48.08	5	9.62	6	11.54	9	17.31	3	5.77	1	1.92
Sindudurg	47	41	4	0.05	4.7	0.1	2.1	36	76.6	4	8.51	1	2.13	3	6.38	1	2.13	0	-
Solapur	50	16	34	0.13	9.75	0.32	8.07	10	20	3	6	3	6	18	36	11	22	5	10
Thane	56	20	33	0.05	0.9	0.1	1.8	20	35.71	0	-	0	-	33	58.93	0	-	0	-
Wardha	60	51	8	0.07	3.73	0.06	1.22	37	61.67	14	23.33	0	-	8	13.33	0	-	0	-
Washim	40	32	8	0.1	6.23	0.22	1.17	18	45	11	27.5	3	7.5	8	20	0	-	0	-
Yavatmal	91	72	19	0.03	6.67	0.02	1.1	35	38.46	26	28.57	11	12.09	19	20.88	0	-	0	-
Total	1542	888	602	0.03	28.50	0.02	25.60	569	36.90	209	13.55	110	7.13	436	28.27	102	6.61	57	3.68

Annexure XVII

Fluctuation and Frequency Distribution of Monitoring Wells between November 2018 with reference to November 2017

District	Total Wells Analysed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	60	21	38	0.2	14	0.4	23.9	9	15	6	10	6	10	8	13.33	13	21.67	17	28.33
Akola	31	18	12	0.5	6.5	0.2	5.8	10	32.26	5	16.13	3	9.68	11	35.48	0	-	1	3.23
Amravati	84	24	56	0.1	18.1	0.15	7.4	12	14.29	7	8.33	5	5.95	31	36.9	19	22.62	6	7.14
Aurangabad	35	3	32	0.46	6.56	0.14	8.57	2	5.71	0	-	1	2.86	11	31.43	11	31.43	10	28.57
Beed	42	13	27	0.2	16	0.7	19.7	5	11.9	2	4.76	6	14.29	8	19.05	4	9.52	15	35.71
Bhandara	37	27	9	0.05	8.8	0.1	2.4	23	62.16	2	5.41	2	5.41	8	21.62	1	2.7	0	-
Buldhana	57	10	47	0.1	5.2	0.1	11.3	7	12.28	1	1.75	2	3.51	29	50.88	14	24.56	4	7.02
Chandrapur	59	30	27	0.1	5.1	0.1	7.8	26	44.07	3	5.08	1	1.69	22	37.29	4	6.78	1	1.69
DNH	17	5	12	0.09	2.73	0.05	6.48	4	23.53	1	5.88	0	-	9	52.94	2	11.76	1	5.88
Dhule	34	11	23	0.35	6.9	0.1	4.4	8	23.53	1	2.94	2	5.88	13	38.24	8	23.53	2	5.88
Gadchiroli	32	10	22	0.25	3.7	0.1	1.7	9	28.13	1	3.13	0	-	22	68.75	0	-	0	-
Gondia	24	18	4	0.2	3	0.1	0.4	16	66.67	2	8.33	0	-	4	16.67	0	-	0	-
Hingoli	28	12	16	0.05	5.9	0.1	10.15	8	28.57	3	10.71	1	3.57	9	32.14	0	-	7	25
Jalgaon	50	16	34	0.1	7.26	0.04	16.74	12	24	3	6	1	2	21	42	8	16	5	10
Jalna	42	4	38	0.21	2.83	0.04	10.24	2	4.76	2	4.76	0	-	13	30.95	13	30.95	12	28.57
Kolhapur	37	17	20	0.2	5.1	0.15	8.1	11	29.73	5	13.51	1	2.7	8	21.62	6	16.22	6	16.22
Latur	33	0	33	-	-	0.8	14.1	0	-	0	-	0	-	6	18.18	8	24.24	19	57.58
Mumbai City	6	4	2	0.14	1.52	0.48	0.54	4	66.67	0	-	0	-	2	33.33	0	-	0	-
Mumbai Suburban	17	11	6	0.33	2.2	0.04	2.77	10	58.82	1	5.88	0	-	5	29.41	1	5.88	0	-
Nagpur	83	36	44	0.1	3.2	0.1	8	32	38.55	4	4.82	0	-	32	38.55	8	9.64	4	4.82
Nanded	51	35	15	0.1	14.2	0.2	9.05	25	49.02	7	13.73	3	5.88	11	21.57	2	3.92	2	3.92
Nandurbar	26	7	18	0.4	4.7	0.1	17.25	6	23.08	0	-	1	3.85	12	46.15	3	11.54	3	11.54
Nashik	76	14	62	0.1	28.5	0.05	10.12	8	10.53	1	1.32	5	6.58	34	44.74	15	19.74	13	17.11
Osmanabad	31	1	30	0.2	0.2	0.15	24.8	1	3.23	0	-	0	-	3	9.68	7	22.58	20	64.52
Parbhani	32	13	19	0.3	8.8	0.05	14.4	7	21.88	2	6.25	4	12.5	10	31.25	5	15.63	4	12.5
Pune	42	7	34	0.29	0.9	0.1	12.9	7	16.67	0	-	0	-	15	35.71	9	21.43	10	23.81
Raigad	34	7	26	0.2	0.9	0.07	2.29	7	20.59	0	-	0	-	25	73.53	1	2.94	0	-
Ratnagiri	61	6	55	0.1	3.25	0.15	21.7	5	8.2	1	1.64	0	-	40	65.57	12	19.67	3	4.92
Sangli	41	8	33	0.15	3.3	0.1	10	6	14.63	2	4.88	0	-	17	41.46	8	19.51	8	19.51
Satara	46	11	35	0.1	3.6	0.05	10.6	10	21.74	1	2.17	0	-	16	34.78	11	23.91	8	17.39
Sindudurg	52	5	47	0.02	1.5	0.2	7.75	5	9.62	0	-	0	-	37	71.15	8	15.38	2	3.85
Solapur	45	1	44	0.12	0.12	0.6	10	1	2.22	0	-	0	-	9	20	15	33.33	20	44.44
Thane	56	28	27	0.03	2.3	0.05	2.55	27	48.21	1	1.79	0	-	26	46.43	1	1.79	0	-
Wardha	56	25	31	0.05	5.7	0.05	6.8	18	32.14	5	8.93	2	3.57	25	44.64	4	7.14	2	3.57
Washim	40	16	24	0.1	5.2	0.05	7.5	12	30	2	5	2	5	20	50	3	7.5	1	2.5
Yavatmal	88	23	65	0.01	4.63	0.12	7.68	19	21.59	3	3.41	1	1.14	50	56.82	10	11.36	5	5.68
Total	1585	497	1067	0.01	28.50	0.04	24.80	374	23.60	74	4.67	49	3.09	622	39.24	234	14.76	211	13.31

Annexure XVIII

Fluctuation and Frequency Distribution of Monitoring Wells between January 2019 with reference to January 2018

District	Total Well Analyzed	Wells Showing		Range of Fluctuation (m)				Number / Percentage of Wells showing Fluctuation											
		Rise	Fall	Rise		Fall		Rise						Fall					
				Min	max	Min	max	0-2	%	2-4	%	>4	%	0-2	%	2-4	%	>4	%
Ahmednagar	58	24	33	0.13	6.9	0.4	8.87	11	18.97	6	10.34	7	12.07	11	18.97	10	17.24	12	20.69
Akola	30	25	5	0.1	7.99	0.2	5.85	13	43.33	7	23.33	5	16.67	3	10	1	3.33	1	3.33
Amravati	87	31	54	0.1	15.5	0.05	18.1	19	21.84	8	9.2	4	4.6	37	42.53	11	12.64	6	6.9
Aurangabad	35	7	28	0.64	8.3	0.4	11.7	4	11.43	1	2.86	2	5.71	8	22.86	10	28.57	10	28.57
Beed	38	3	35	0.9	2.4	0.2	17.83	2	5.26	1	2.63	0	-	11	28.95	9	23.68	15	39.47
Bhandara	36	21	13	0.02	7.9	0.1	3	17	47.22	3	8.33	1	2.78	10	27.78	3	8.33	0	-
Buldana	55	22	33	0.07	8.4	0.01	7.03	14	25.45	4	7.27	4	7.27	19	34.55	9	16.36	5	9.09
Chandrapur	66	31	29	0.1	4.3	0.1	5.15	29	43.94	1	1.52	1	1.52	26	39.39	1	1.52	2	3.03
DNH	15	3	12	0.55	1.6	0.05	6.6	3	20	0	-	0	-	5	33.33	4	26.67	3	20
Dhule	35	11	24	0.35	6.69	0.35	6.87	7	20	1	2.86	3	8.57	10	28.57	10	28.57	4	11.43
Gadchiroli	28	10	18	0.1	4.1	0.1	2.4	9	32.14	0	-	1	3.57	17	60.71	1	3.57	0	-
Gondia	28	9	17	0.02	5.65	0.1	4.05	8	28.57	0	-	1	3.57	13	46.43	3	10.71	1	3.57
Hingoli	31	13	17	0.1	6.55	0.2	4	7	22.58	3	9.68	3	9.68	13	41.94	3	9.68	1	3.23
Jalgaon	46	5	41	0.15	7.45	0.05	21.15	4	8.7	0	-	1	2.17	21	45.65	10	21.74	10	21.74
Jalna	42	7	34	0.03	8.53	0.45	23.45	5	11.9	0	-	2	4.76	14	33.33	8	19.05	12	28.57
Kolhapur	33	8	25	0.1	3.8	0.3	4.4	6	18.18	2	6.06	0	-	20	60.61	4	12.12	1	3.03
Latur	38	2	36	3.55	4.65	0.2	12.85	0	-	1	2.63	1	2.63	14	36.84	9	23.68	13	34.21
Mumbai City	6	5	1	0.25	1.08	0.5	0.5	5	83.33	0	-	0	-	1	16.67	0	-	0	-
Mumbai suburban	17	9	8	0.6	2.1	0.2	5.25	7	41.18	2	11.76	0	-	7	41.18	0	-	1	5.88
Nagpur	83	36	45	0.04	14.3	0.05	6.8	28	33.73	5	6.02	3	3.61	34	40.96	8	9.64	3	3.61
Nanded	52	41	11	0.01	6.2	0.25	9.7	26	50	9	17.31	6	11.54	6	11.54	2	3.85	3	5.77
Nandurbar	25	9	16	0.01	18.4	0.01	8.7	5	20	1	4	3	12	8	32	6	24	2	8
Nashik	74	18	53	0.1	8.7	0.1	13.3	11	14.86	4	5.41	3	4.05	28	37.84	10	13.51	15	20.27
Osmanabad	37	2	35	1.2	3.9	0.1	12.08	1	2.7	1	2.7	0	-	10	27.03	9	24.32	16	43.24
Parbhani	38	12	26	0.05	5.3	0.3	14.39	8	21.05	2	5.26	2	5.26	16	42.11	5	13.16	5	13.16
Pune	44	18	26	0.1	4.35	0.15	6.6	9	20.45	7	15.91	2	4.55	13	29.55	7	15.91	6	13.64
Raigad	33	30	3	0.04	5.49	0.4	1.55	26	78.79	3	9.09	1	3.03	3	9.09	0	-	0	-
Ratnagiri	52	5	45	0.08	1	0.1	14.2	5	9.62	0	-	0	-	40	76.92	4	7.69	1	1.92
Sangli	40	12	28	0.4	8.6	0.1	9.6	7	17.5	1	2.5	4	10	16	40	6	15	6	15
Satara	51	7	43	0.1	3	0.15	14.9	6	11.76	1	1.96	0	-	24	47.06	13	25.49	6	11.76
Sindudurg	50	17	32	0.1	10.4	0.1	2.4	16	32	0	-	1	2	31	62	1	2	0	-
Solapur	55	7	47	0.1	4.8	0.1	9.6	6	10.91	0	-	1	1.82	14	25.45	11	20	22	40
Thane	54	24	29	0.05	2.9	0.1	6.2	23	42.59	1	1.85	0	-	26	48.15	2	3.7	1	1.85
Wardha	58	20	38	0.08	4.4	0.02	8.8	15	25.86	4	6.9	1	1.72	32	55.17	4	6.9	2	3.45
Washim	39	27	12	0.06	4.69	0.01	4.6	19	48.72	6	15.38	2	5.13	11	28.21	0	-	1	2.56
Yavatmal	89	64	24	0.1	8	0.02	3.95	48	53.93	9	10.11	7	7.87	20	22.47	4	4.49	0	-
Total	1598	595	976	0.01	18.40	0.01	23.45	429	26.85	94	5.88	72	4.51	592	37.05	198	12.39	186	11.64

Annexure-XIX

Decadal Water Level Trend of all Ground Water Monitoring Wells (2009-2018) in Maharashtra and Union Territory of Dadra & Nagar Haveli

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise (m/year)	Fall (m/year)	Rise (m/year)	Fall (m/year)	Rise (m/year)	Fall (m/year)
1	Dudhani	DNH		0.2986				0.2574
2	Dapada	DNH	0.3851					0.017
3	Samarvarni	DNH		0.3893				0.4167
4	Umarkui (Hathpada)	DNH		0.0595			0.0316	
5	Chinsda	DNH		0.3444				0.0821
6	Shelti	DNH	0.1222				0.0664	
7	Ghogargaon-1	Ahmednagar				0.6452		0.3927
8	Banpimpri	Ahmednagar		0.1279		0.3325		0.4149
9	Chikhale	Ahmednagar	0.2499			0.3011		0.0933
10	Supe	Ahmednagar		0.5133		0.1182		0.2858
11	Dahigaon	Ahmednagar	0.0709			0.0776		0.039
12	Dahegaon_Pz	Ahmednagar			0.5965			
13	Chas	Ahmednagar		0.3538		0.2808		0.3558
14	Chichondi Patil	Ahmednagar			1.0863			0.0361
15	Parner_Pz	Ahmednagar	1.4326		0.7132		0.5295	
16	Arangaon_Pz	Ahmednagar				0.1438		
17	Takle-Kazi	Ahmednagar		0.2373		0.5493		0.3756
18	Jakhangaon	Ahmednagar	0.4964			0.1008	0.0006	
19	Rassin	Ahmednagar		0.4616		0.661		0.654
20	Kolwadi	Ahmednagar				0.5147		0.4176
21	Vadegaon Madhe	Ahmednagar		0.1572		0.0531		0.209
22	Shrigonda	Ahmednagar	0.0777		0.0262			0.0195
23	Walvad	Ahmednagar		0.1448		0.2723		0.3123
24	Pategaon	Ahmednagar	0.0035			0.3529		0.3523
25	Bhitkewadi	Ahmednagar		0.3145	0.1185			0.1895
26	Mirajgaon_Pz	Ahmednagar		1.0327		1.2532		0.8264
27	Belvandi (Bk)_Pz	Ahmednagar		0.1307		1.1283		0.8223
28	Jamkhed	Ahmednagar		0.2663	0.0172			0.0679
29	Kopargaon_Pz	Ahmednagar		0.5168		0.6906		0.5595
30	Kolpewadi	Ahmednagar				0.0069		0.1129
31	RahataNEW	Ahmednagar	0.1388			0.4083		0.0964
32	Shirasgaon	Ahmednagar		0.6113		0.1846		0.452
33	Sangamner	Ahmednagar		0.279		0.0858		0.0731
34	Kokangaon	Ahmednagar		0.2106		0.1393		0.2367
35	Babhuleshwar	Ahmednagar	0.1744		0.1971			0.0958
36	Rajuri_Pz	Ahmednagar	0.1275			0.2266		0.0835
37	Srirampur	Ahmednagar			0.2189			
38	Rahuri	Ahmednagar		0.1584		0.3261		0.3146
39	Sonai	Ahmednagar				0.3129		0.1795
40	Ghotan	Ahmednagar	0.3967			0.268		0.1449
41	Kokona-1	Ahmednagar				0.0528		
42	Vadala Bhairoba	Ahmednagar		0.0577		0.311		0.1758
43	Devlali	Ahmednagar	0.2849			0.2233		0.0902
44	Chandanapuri	Ahmednagar		0.1277		0.5457		0.04
45	Tambhol	Ahmednagar		0.679		0.1897		0.5101
46	Rajur	Ahmednagar	0.3862		0.0359		0.1278	
47	Akole_Pz	Ahmednagar	0.095		0.8442		0.3779	
48	Karanji_Pz	Ahmednagar	5.6641		1.5991		2.4705	
49	Takli-Dhogeswar-1	Ahmednagar				0.4169		
50	Jeur	Ahmednagar		0.0993		0.4207		0.3795

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
51	Dehre	Ahmednagar		1.3713		0.3445		0.7389
52	Bote	Ahmednagar		0.0187		0.0843		0.0981
53	Bambori	Ahmednagar		0.0333		0.2899		0.2461
54	Ambi Khalsa_Pz	Ahmednagar		1.7916		2.4822		1.9739
55	Ambikhalsa	Ahmednagar		0.1335		0.2075		0.141
56	Mahuli_Pz	Ahmednagar			0.214			
57	Ghodegaon-1	Ahmednagar			0.0783			
58	Rakshi	Ahmednagar				0.4009		0.2518
59	Malharwadi	Ahmednagar				0.8692		
60	Popetkheda	Akola		0.2737		0.8505		0.488
61	Panaj	Akola				1.5989		
62	Telhara_Pz	Akola		0.1247				
63	Telhara	Akola				0.2871		
64	Dhaga Phata	Akola		1.8808		3.1582		1.595
65	Akot1	Akola		0.1054	0.3342		0.1697	
66	Patsul	Akola		0.0235		0.2202		0.1481
67	Ural	Akola		0.2269		0.4045		0.2856
68	Rasulpur	Akola		0.0434				
69	Ural (Bk)_Pz	Akola		0.2749		0.5728		0.2244
70	Andura1	Akola		0.3158	0.1036			0.1188
71	Kanheri Gawali_Pz	Akola				0.0581	0.0678	
72	Babulkhed	Akola		0.0379	0.1402		0.0635	
73	Wyala	Akola		0.0932		0.1422		0.1328
74	Kurankhed	Akola		0.1243	0.2277		0.0661	
75	Borgaon Manju	Akola		0.481		0.0301		0.3203
76	Murtizapur	Akola		0.2325	0.114			0.2044
77	Murtijapur_Pz	Akola		0.5821		0.3793		0.2814
78	Akola	Akola		0.3765		0.3679		0.3676
79	Malkapur	Akola	0.2031				0.3429	
80	Kanheri (Sarap)_Pz	Akola		1.1379		0.2463		0.3918
81	Mahan-1	Akola		0.1826		0.0332		0.0544
82	Hatola	Akola		0.1461		0.1214		0.0486
83	Pinjar	Akola		0.127		0.0185	0.0237	
84	Barshi Takli_Pz	Akola			0.6217			
85	Barshi Takli	Akola		0.1875		0.3166		0.0022
86	Wadegaon	Akola		0.0451	0.0192			0.0693
87	Chikhalwal (Navegaon)_Pz	Akola		0.5241		0.115		0.4004
88	Alegaon	Akola		0.0775		0.4849		0.3908
89	Patur	Akola		0.0254		0.0367	0.0545	
90	Ambashi	Akola		0.122		1.0213		0.4086
91	Chani	Akola		0.7219		0.3925		0.4273
101	Adhao	Amravati		0.4707		0.0586		0.2058
95	Amner_old	Amravati	0.208		0.4261			0.1842
161	Gopalnagar	Amravati		1.0324		0.5401		0.5749
151	Amravati_RH	Amravati		0.2856		0.2493		0.1221
152	Amravati_University	Amravati		0.4709		0.2504		0.236
149	Wadali-naka	Amravati		0.2173	0.0001			0.0171
139	Anjangaon Surji_Pz	Amravati	0.184		1.0132		0.3654	
147	Anjansingi	Amravati	0.247			0.105	0.0122	
123	Ashtagaon	Amravati		0.1606		0.1984		0.1495
145	Ashti	Amravati	0.1566			0.1644	0.0143	
159	Badnera	Amravati	0.1218		0.0383		0.1151	
136	Barukheda	Amravati				0.1686		

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
97	Behali	Amravati	0.1313		0.0371		0.042	
158	Bellora_Pz	Amravati				1.1711		
168	Belora	Amravati		0.2674		0.2106		0.1023
166	Belteki	Amravati		0.4707		0.9765		0.5058
106	Benoda (WT)_Pz	Amravati	4.1016		0.9665		0.6984	
105	Benoda_Pz	Amravati				0.4243		
112	Bhokarbardi	Amravati		0.1435		0.1572		0.1755
127	Brahmanwada (Thadi)	Amravati				0.7678		
103	Chandas	Amravati		0.1678		0.4856		
137	Chandur Bazar	Amravati	0.4166		0.3205		0.5419	
156	Chandur Railway	Amravati	0.0812			0.0454		0.0055
133	Chicholi	Amravati	0.0382			0.221		0.0941
117	Chunkhedi	Amravati	0.1324			0.0111	0.0258	
93	Dapori1	Amravati	0.0827			0.2196	0.0857	
163	Devgaon	Amravati	0.1189		0.0768		0.0112	
157	Dhamangaon (Rly)_Pz	Amravati		0.0678		0.289		0.2606
108	Dhanodi	Amravati		0.1637		0.0864		0.1363
113	Dhulghat Road	Amravati		0.0621		0.4982		0.3516
120	Dilalpur	Amravati	0.3592					
131	Gadegaon1	Amravati	0.1881			0.1487	0.081	
116	Harisal	Amravati		0.0645	0.0044		0.0137	
118	Hatru	Amravati		0.1538		0.0814		0.0703
96	Hiwarkheda	Amravati	0.0932		0.1122		0.1233	
104	Jamgaon (via Khadka)	Amravati	0.2488		0.075		0.1258	
111	Jutpani	Amravati	0.5572			0.503	0.1382	
114	Kalamkhar	Amravati	0.4157			0.1098	0.0923	
99	Karajgaon_Pz	Amravati		0.2292		0.0013		0.1105
100	Karajgaon-1	Amravati	0.7464		1.9566		1.1491	
125	Khanapur	Amravati	0.2674		0.0621		0.1529	
130	Kharapi	Amravati		2.1437		3.3363		2.639
124	Kher	Amravati			0.0861			
110	Kolkaz	Amravati	0.0265		0.0222		0.0089	
119	Kolwihir_Pz	Amravati		0.4996		0.4629		0.2982
150	Kurha	Amravati	0.1478			0.2503	0.0119	
115	Lawada	Amravati		0.0747		0.1093		0.0197
92	Loni	Amravati		0.0617		0.0141		0.014
165	Mahuli	Amravati	0.0872		0.0359		0.1185	
167	Manjarkhed Kasba_Pz	Amravati	2.2819		0.4717			
126	Moorshi new	Amravati	0.4374		0.0397		0.1823	
144	Mozari	Amravati	0.4897			0.8031		0.3319
164	Nandgaon Khandeshwar	Amravati		0.2722		0.2317		0.1424
141	Nandgaon peth	Amravati		0.0954		0.3148		0.2263
143	Nimbhari	Amravati	0.48		0.0947		0.284	
94	Pala	Amravati	0.0482			0.0503		0.0214
122	Paratwada-1	Amravati	0.3613		0.027		0.1771	
135	Pathrot-2	Amravati		1.1658				
134	Pimpri	Amravati	0.0875			0.1748		0.1083
160	Pohra	Amravati	0.0376			0.0285		0.0123
138	Rithpur	Amravati	0.1001			0.022	0.0125	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
129	Saiwada	Amravati		0.0153		0.2259		0.1755
148	Samda Kasmpur	Amravati		0.014				
140	Sawarkheda	Amravati	0.007			0.2732		0.1486
162	Shendurjana Khurd	Amravati	0.1611			0.0685	0.0834	
169	Shivni1	Amravati		0.0519	0.0141		0.0085	
102	Silona	Amravati		0.0116	0.1069		0.0249	
128	Sirasgaon (Kasba)	Amravati		0.0422		0.7323		0.5967
109	Temburkheda1	Amravati		0.069		0.0962		0.053
146	Teosa	Amravati	0.4069		0.0302		0.1824	
121	Wadgaon (Fattepur)	Amravati				0.0939		0.2058
142	Wadner gangai	Amravati	0.2203			0.0432	0.0435	
155	Walgaon	Amravati		0.2378		0.169		0.1549
153	Warha_Pz	Amravati	0.1835			0.0258	0.0806	
107	Warud	Amravati	0.479		0.1162		0.2316	
132	Wishroli1	Amravati		0.1202		0.0529		0.1251
98	Yavali_Pz	Amravati		0.1049		0.5676		0.2336
154	Yevda	Amravati				0.6939		
170	Ajanta	Aurangabad		0.3887		0.1079		0.1852
171	Kinnal	Aurangabad		0.813		0.6407		0.7535
172	Kaigaon	Aurangabad				0.1731		0.3023
173	Borgaon Bazar	Aurangabad			0.0343			
174	Kannad	Aurangabad		0.624		0.7581		0.7897
175	Hasta	Aurangabad			0.6054			
176	Digar Pishore_Pz	Aurangabad		0.2712		0.1076		0.1458
177	Khuldabad	Aurangabad		1.2439		1.2828		1.2659
178	Khandala_Pz	Aurangabad		2.3013		1.3152		1.025
179	Chauka	Aurangabad	0.7441			0.1275	0.1313	
180	Devgaon-1	Aurangabad		0.0413	0.0827		0.0651	
181	Garaj	Aurangabad				0.4041		0.2205
182	Walur Tanda	Aurangabad		1.0816		0.8111		1.0063
183	Patri	Aurangabad		0.3835		0.435		0.3322
184	Tunki	Aurangabad	0.1645			0.5338		0.2334
185	Rotegaon	Aurangabad		0.1014		0.3115		0.2447
186	Vaijapur	Aurangabad	0.4478			0.1649	0.2352	
187	Gangapur-3	Aurangabad	0.0851		0.398		0.4042	
188	Kanerwadi	Beed				0.8128		0.2918
189	Parli	Beed	0.1109					0.0037
190	Patoda	Beed	0.0307			0.2231		0.2158
191	Pali	Beed	0.1421			0.375		0.0918
192	Pimpalwandi	Beed	0.244			0.0949		0.0579
193	Pithi	Beed		0.44		0.5506		0.3656
194	Doithana	Beed		0.4161		0.6322		0.379
195	Mauj	Beed		0.3776		0.2786		0.3276
196	Wadwani	Beed		0.3439		0.2033		0.1317
197	Telgaon	Beed				0.6195		0.3802
198	Sirsala	Beed		0.0185		0.3463		0.3311
199	Manur	Beed		0.6095		0.8553		0.9011
200	Patrud-1	Beed				1.1358		0.6644
201	Khadkhat	Beed		0.8543		0.8483		0.793
202	Saigaon-1	Beed	0.3184					
203	Chousala_Pz	Beed				1.7044		1.164
204	Kumbhephal	Beed		0.0001		0.3073		0.1025
205	Ambejogai	Beed		0.1363		0.3058		0.1258
206	Talni	Beed	0.3069			0.8166		0.819

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
207	Dharmapuri	Beed		0.0703		0.378		0.303
208	Daskhed	Beed	0.2134			0.5891		0.3587
209	Nandur Phata	Beed			0.199			
210	Dharur-1	Beed			0.176			
211	Ashti	Beed				0.2308		
212	Manjalegaon_Pz	Beed		1.38		1.2088		0.6786
213	Kolegaon	Beed				0.5098		0.3885
214	Bhend Takli	Beed	0.3607			0.2701		
215	Umapur	Beed	0.4537			0.2567		0.255
216	Jamb	Bhandara		0.06		0.1408		0.0147
217	Usarra	Bhandara		0.1443		0.4576		0.396
218	Sihora	Bhandara	0.0123		0.315		0.2003	
219	Chicholi	Bhandara	0.423		0.322		0.327	
220	Dahegaon2	Bhandara		0.2264		0.3009		0.1605
221	Dahegaon_Pz	Bhandara		0.2924		0.3175		0.2506
222	Tumsar Khapa	Bhandara	0.1636		0.0039		0.1	
223	Pitjhari	Bhandara		0.0584		0.3694		0.1793
224	Koka (Kokha)	Bhandara		0.1416		0.1682		0.2635
225	Varti	Bhandara		0.0069		0.0761		0.0032
226	Warthi_Pz	Bhandara		0.2727		0.0046		0.0839
227	Ambadi	Bhandara		0.2277		0.1535		0.0813
228	Palari	Bhandara		0.1402	0.032			0.0364
229	Ekodi	Bhandara		0.2532		0.1055		0.0571
230	Bhandara	Bhandara		0.4416		0.2006		0.3491
231	Kharbi	Bhandara	0.0814			0.131	0.0228	
232	Shrinagar	Bhandara				0.4216		0.2133
233	Lakhani	Bhandara		0.5414		0.5088		0.4958
234	Sakoli	Bhandara	0.0796			0.3583		0.0775
235	Daodipar Khapa	Bhandara	0.6432			0.0402	0.2451	
236	Jamnapur	Bhandara		0.5402		1.5957		1.3563
237	Dhargaoon	Bhandara		0.3231		1.1478		0.9366
238	Palandur	Bhandara		0.2086		0.1219		0.1125
239	Adyal_Pz	Bhandara	0.1193			0.0747		0.01
240	Madgi	Bhandara		0.0615		0.0929		0.0206
241	Pagora	Bhandara		0.7752		0.0546		
242	Sakra	Bhandara		0.3115	0.1987		0.0295	
243	Asgaon	Bhandara		0.5018		0.8977		0.6238
244	Konda Kosara	Bhandara		0.2552				
245	Lakhandur_Pz	Bhandara	0.1259			0.1055		0.0137
246	Nilaj	Bhandara		0.0878		0.11		0.1312
247	Lakhandur	Bhandara		0.1572		0.1425		0.064
248	Pauni	Bhandara	0.287		0.0093		0.1237	
249	Sonalanew	Buldana			2.3211		1.2766	
250	Jalgaonjamodnew	Buldana		0.1291	0.0253			0.006
251	Sungaon-1	Buldana		1.5749		1.3417		1.2111
252	Jamod	Buldana				1.4399		0.6673
253	Khandvi	Buldana		0.6762		1.2323		0.4822
254	Shegaon	Buldana		0.0764		0.1472		0.0844
255	Datala-1	Buldana	0.2839		0.2639		0.3251	
256	Jalamb	Buldana	0.0157			0.3086		0.1736
257	Nandura-1	Buldana	0.4458					
258	Dighi	Buldana	0.1443		0.0344			0.1559
259	Waghul	Buldana		0.2007		0.4712		0.567
260	Malkapur_Pz	Buldana		0.247		0.3027		0.293

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
261	Dhamangaon	Buldana	0.2037		0.0719		0.1278	
262	Garadgaon	Buldana		0.3497		0.114		0.2227
263	Kolori	Buldana		0.0806		0.2451		0.0727
264	Godhnapur	Buldana				1.6181		1.0981
265	Motala_Pz	Buldana		0.2509	0.0821		0.0231	
266	Motala	Buldana		0.0373		0.0617		0.0378
267	Khamgaon	Buldana	0.2103			0.1293		0.0319
268	Pimpalgaon Raja	Buldana	0.0252			0.027		0.0477
269	Tarvadi	Buldana	0.1659			0.5744		0.3731
270	Pimpalgaon Devi	Buldana	0.1163		0.1221		0.1763	
271	Dongar Khandala	Buldana		0.0592		0.2764		0.172
272	Padali	Buldana	0.0954			0.0676		0.0581
273	Lokhanda	Buldana		0.1376		0.2197		0.1968
274	Atali	Buldana	0.0628			0.1604		0.0276
275	Ubalkhed	Buldana	0.8566			0.7263		
276	Nandri	Buldana		0.36		1.6481		0.7901
277	Rohinkhed	Buldana	0.3694		0.1408		0.191	
278	Warwand	Buldana	0.2844			0.7268		0.4157
279	Chikhli_Pz	Buldana		0.3213		0.1756		0.1376
280	Sailani	Buldana		0.0049		0.0552	0.2691	
281	Dhad	Buldana	0.14			0.0263	0.093	
282	Amdapur	Buldana		0.4161	0.3246		0.1078	
283	Deolgaon (Sakarsha)	Buldana		0.0494	0.0852			0.0005
284	Kelwad	Buldana	0.0148		0.0145		0.0236	
285	Undri	Buldana		0.7863		1.0416		0.6377
286	Karwand	Buldana		0.1433		0.1807		0.0962
287	Hatedi	Buldana		0.0374	0.206		0.0681	
288	Dongaar Sheoli_Pz	Buldana		0.6393	0.179		0.1477	
289	Mehkar	Buldana		0.1722		0.3785		0.1407
290	Dongaon_Pz	Buldana		1.5516		0.5748		0.1559
291	Mera Kh_Pz	Buldana	0.3546			0.0558	0.6615	
292	Naygaon_Pz	Buldana		0.2386		0.0456		0.0329
293	Mera Khurd	Buldana				0.1785		0.1107
294	Laohala	Buldana		0.2499		0.1611		
295	Deolgaon Raja	Buldana		0.2759		0.3533		0.2391
296	Wadgaon Tejan_Pz	Buldana		3.8116		0.253		0.2963
297	Malkapur Pangra_Pz	Buldana		0.2158		0.1888		0.058
298	Sultanpur	Buldana		0.062		0.3245		0.0914
299	Deolgaon Mahi	Buldana	0.3249		0.0272		0.1455	
300	Sendurjana_Pz	Buldana	1.4152		0.6126			
301	Sindkhed Raja	Buldana		0.103		0.094		0.0313
302	Savkhed Tejan_Pz	Buldana					0.0075	
303	Lonar1	Buldana	0.1858			0.3512	0.3481	
304	Kingaon Raja	Buldana	0.1104			0.104	0.0733	
305	Mohadi Mokasa	Chandrapur	0.0518		0.0191			0.0002
306	Shankarpur	Chandrapur		0.0131	0.0315			0.0258
307	Wahangaon	Chandrapur	0.0109			0.4109		0.4022
308	Chimur	Chandrapur	0.1289		0.0549		0.0113	
309	Jambhulghat	Chandrapur	0.0545			0.0218		0.0394
310	Nagbhir_Pz	Chandrapur	0.6558		0.5581		0.5248	
311	Kawadsi	Chandrapur	0.045			0.2225		0.1028
312	Nagbhir	Chandrapur	0.1825		0.1125		0.071	
313	Tumdi Menda	Chandrapur		0.04		0.2657		0.1232
314	Brahmapuri	Chandrapur	0.0874			0.0276	0.0418	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
315	Shegaon Khurd	Chandrapur	0.3473		0.2907		0.3034	
316	Madheri_Pz	Chandrapur	0.0038			0.1107		0.0235
317	Salori	Chandrapur		0.0008		0.2955		0.2196
318	Alesur	Chandrapur	0.1534			0.041		0.0234
319	Chargaon	Chandrapur	0.1018			0.0934	0.0327	
320	Chargaon(Dharan)_Pz	Chandrapur	0.0063			0.494		0.3018
321	Rampur	Chandrapur	0.6174		0.0276		0.1575	
322	Sawargaon	Chandrapur	0.5529		0.1193		0.2368	
323	Barwha_Pz	Chandrapur		0.1832		0.1633		0.0691
324	Balapur (Bk)_Pz	Chandrapur	0.8692			0.1783	0.0574	
325	Mendki	Chandrapur	0.4213			0.0401	0.1052	
326	Mangli	Chandrapur		0.2727		0.4974		0.2929
327	Mahurli	Chandrapur	0.13		0.1176		0.1127	
328	Nandori (Bk)_Pz	Chandrapur		1.1812		1.7775		1.816
329	Rajoli Tukcum	Chandrapur		0.0803	0.0067			0.0278
330	Chora	Chandrapur	0.3552			0.2782	0.2222	
331	Musad Visapur	Chandrapur		0.8159		0.9888		0.6975
332	Niphandra	Chandrapur	0.4819		0.0087		0.1376	
333	Warora-1	Chandrapur		0.2442		0.0396	0.1442	
334	Sindewahi	Chandrapur	0.4055		0.0516		0.1227	
335	Ajaypur_Pz	Chandrapur	0.7825			0.0359		0.0089
336	Tadali	Chandrapur	0.3437		0.2737		0.4609	
337	Nandegur	Chandrapur	0.0706			0.0113	0.0951	
338	Mul	Chandrapur	0.2465		0.1909		0.2009	
339	Sawali	Chandrapur	0.2876		0.1501		0.157	
340	Saoli_Pz	Chandrapur	0.1339			0.006	0.0489	
341	Bhadravati	Chandrapur	1.5889		1.5801		1.3307	
342	Vyahad Khurd	Chandrapur	0.2904			0.1		0.0302
343	Navegaon More	Chandrapur			0.1688			
344	Ballarsha	Chandrapur		0.0732		0.1455		0.0347
345	Ghugus	Chandrapur	0.1105		0.0558		0.0871	
346	Chandrapur1	Chandrapur		0.6769		0.2743		0.385
347	Morwa (P1)_Pz	Chandrapur				0.0184		
348	Morwa (WT)_Pz	Chandrapur	0.7813			0.1213	0.1545	
349	Sakhri	Chandrapur	0.3094				0.138	
350	Chichpalli	Chandrapur	0.1077			0.1779		0.0095
351	Navegaon-1	Chandrapur		0.0602		0.2571	0.1211	
352	Gadchandur-1	Chandrapur		0.2022		0.4897		0.1522
353	Wansadi-1	Chandrapur	0.1562			0.0695	0.0368	
354	Aksapur	Chandrapur	0.4823		0.1121		0.2363	
355	Kalmana	Chandrapur	0.0434			0.1363		0.0114
356	Rajura-1	Chandrapur	0.057			0.178	0.062	
357	Kothari	Chandrapur		0.1535		0.0052	0.012	
358	Bhimni	Chandrapur	0.1192		0.2343		0.2818	
359	Watarna_Pz	Chandrapur			0.0614		0.4054	
360	Dabha	Chandrapur	0.2216			0.0257	0.0384	
361	Wirur	Chandrapur	0.1261		0.1513		0.2131	
362	Sondo	Chandrapur	0.1249			0.0559	0.0389	
363	Warur Road-1	Chandrapur	0.1675			0.2121		0.009
364	Hadakhed	Dhule	0.1068		1.0383		0.2493	
365	Sangivi	Dhule		0.0443		0.2019		0.1376
366	Boradi	Dhule			0.2705		0.0347	
367	Palasner	Dhule		0.133		0.2024		0.1819
368	Hisala	Dhule	0.0046			0.1574		0.1259

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
369	Sindkheda	Dhule			0.3486		0.1054	
370	Saver	Dhule		0.646		1.8912		0.8404
371	Dondaicha-1	Dhule		0.1324		0.1187		0.2706
372	Kalamsare_Pz	Dhule		0.5899		1.2344		1.5395
373	Chimthane	Dhule		0.0713		0.17		0.1586
374	Chadwel	Dhule		0.1525	0.1143			0.1489
375	Nardana	Dhule	0.1229			0.2307		0.0816
376	Methi	Dhule		0.5191		0.1802		0.3885
377	Dusane	Dhule	0.2522					
378	Shewade	Dhule				0.4265		0.4114
379	Dahivel	Dhule		0.2403	0.1173			0.0182
380	Nizampur	Dhule		0.1397				0.0446
381	Kherde	Dhule				0.2025		0.2032
382	Ner-1	Dhule			0.2315			0.1544
383	Ner_Pz	Dhule		0.0548	0.3109		0.0858	
384	Burdi Pada	Dhule		0.065		0.0849		0.0592
385	Pimpalner	Dhule	0.0327		0.0249		0.0492	
386	Nangaon	Dhule	0.0322			0.1704		0.0509
387	Ichhapur	Dhule		0.1552		0.4464		0.3572
388	Sakri2	Dhule		0.4207		0.3038		0.3903
389	Charanmal	Dhule		0.5068		0.359		0.2324
390	Laling	Dhule	0.0703			0.1494		0.048
391	Ajnale	Dhule		0.1274		0.194		0.1168
392	Narwhal	Dhule		0.2081		0.5157		0.1881
393	Avdhan	Dhule		0.1309		0.1193		0.1085
394	Mukti	Dhule		0.3825		0.423		0.332
395	Phagne	Dhule		0.0077		0.5791		0.3924
396	Dhule	Dhule		0.1823		0.2328		0.1822
397	Borkund	Dhule		0.0968		0.2893		0.2971
398	Purmepada(pur)	Dhule		0.1087		0.1521		0.1781
399	Govindgaon	Gadchiroli				0.0206		
400	Sonsari_Pz	Gadchiroli			0.084			0.2059
401	Chandona Tola	Gadchiroli		0.2411	0.0416			0.0924
402	Khondala	Gadchiroli		0.1412	0.0289		0.149	
403	Wadsa	Gadchiroli		0.0927		0.0066		0.0609
404	Kurkhera	Gadchiroli	0.0223			0.0587		0.1526
405	Uradi	Gadchiroli			0.0907		0.0958	
406	Gewardha	Gadchiroli		0.0856		0		0.0883
407	Shankarpur	Gadchiroli	0.1744		0.1157		0.0978	
408	Porla	Gadchiroli	0.6226		0.4446		0.3897	
409	Rangi	Gadchiroli	0.0599			0.0178	0.0188	
410	Wairagarh	Gadchiroli	0.2565		0.0026		0.028	
411	Delanwadi	Gadchiroli	0.3665		0.0342		0.0495	
412	Armori	Gadchiroli	0.4978			1.1715		0.5134
413	Gadchiroli	Gadchiroli	0.2241			0.0456	0.1021	
414	Chatgaon	Gadchiroli	0.3319		0.102		0.1287	
415	Dhanora	Gadchiroli	0.1066		0.0058			0.0395
416	Govindpur	Gadchiroli	0.2064		0.1752		0.1663	
417	Chamorshi	Gadchiroli	0.2252		0.0187		0.095	
418	Talodhi Rampur	Gadchiroli		0.02	0.1277		0.0843	
419	Konsari	Gadchiroli	0.4999		0.1394		0.2195	
420	Ghot	Gadchiroli	0.4413		0.1075		0.2571	
421	Chaudampalli	Gadchiroli	0.2526		0.0481		0.1774	
422	Itapalli	Gadchiroli		0.2738	0.1067		0.1442	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
423	Chaurampalli_Pz	Gadchiroli	0.7761		0.2336		0.3323	
424	Mulchera	Gadchiroli	0.2404		0.1859		0.1264	
425	Ashti	Gadchiroli	0.2865		0.0945		0.2691	
426	Allapalli	Gadchiroli	0.0388		0.0598		0.1125	
427	Bori	Gadchiroli	0.2901		0.2071		0.0984	
428	Elchil	Gadchiroli	0.1869		0.0538			0.01
429	Yelgur Tola	Gadchiroli	0.1686		0.2734		0.1841	
430	Lagam	Gadchiroli		0.051	0.0469			0.0739
431	Repanpalli	Gadchiroli					0.3605	
432	Timiram	Gadchiroli					0.194	
433	Nandigaon	Gadchiroli			0.1234		0.0847	
434	Dahegaon_Pz	Gondia		0.3398		0.0718		0.2335
435	Amgaon	Gondia	0.4077		0.004		0.1558	
436	Tiroda	Gondia		0.2616		0.2503		0.2179
437	Tiroda_Pz	Gondia		0.5999		0.1402		0.2471
438	Khamari	Gondia		0.4071		0.3315		0.1953
439	Datora_Pz	Gondia		0.7091		0.043		0.1934
440	Kalimati	Gondia		0.2598		0.0434		0.1139
441	Asoli	Gondia		0.1502		0.1644		0.0406
442	Sejgaon	Gondia	0.0513			0.0355	0.0866	
443	Rajegaon	Gondia		0.0416		0.0278	0.0683	
444	Sategaon-Sakaritola	Gondia		0.3316				0.0218
445	Sarra	Gondia	0.0166			0.1529		0.0173
446	Salekassa	Gondia	0.6234					
447	Goregaon	Gondia		0.204		0.0874		0.0936
448	Navegaon II (KHURD)	Gondia	0.1816			0.2301	0.0334	
449	Dongargaon	Gondia		0.2786		0.8096		0.6335
450	Murdoli	Gondia	0.277			0.1703	0.0184	
451	Dawwa	Gondia	0.0108			0.4871		0.1989
452	Kohemara	Gondia		0.3381		0.2504		0.2589
453	Dongargaon	Gondia		0.2764		0.2829		0.5121
454	Sondad	Gondia		0.0589	0.0079		0.0525	
455	Dongargaon_Pz	Gondia		0.1955		0.6981		0.7618
456	Deori-1	Gondia		0.0495	0.0696		0.0939	
457	Salebardi	Gondia		0.2366		0.3645		0.2455
458	Navegaon	Gondia	0.2052			0.0786	0.0739	
459	Sangadi	Gondia		0.1563		0.1725		0.1095
460	Arjuni	Gondia		0.0001		0.0328	0.0773	
461	Bondgaon	Gondia		0.121		0.0517	0.0261	
462	Adgaon	Hingoli		0.4638		0.5525		0.1037
463	Kanhergaon	Hingoli	0.0409			0.084		0.1132
464	Hingoli	Hingoli		0.4239		0.7716		0.0578
465	Sawad	Hingoli		0.0732	0.2798		0.2873	
466	Narsi	Hingoli		0.1172		0.4629		0.5189
467	Hatta	Hingoli		0.1726		0.2107		0.193
468	Jambharun-Rodge	Hingoli			0.4842			
469	Kolsa	Hingoli		0.0087		0.2148		0.1084
470	Khutha	Hingoli		2.0026		0.9888		0.8925
471	Bolda	Hingoli	0.2257		0.5009			
472	Hivra	Hingoli		1.6868		0.2815		0.1795
473	Kalamnuri-1 (Morwadi)	Hingoli		0.3632		0.3104		0.2241
474	Umara	Hingoli				0.1482		
475	Kurundha	Hingoli		0.841		0.3749	0.072	
476	Chondi Amba-1	Hingoli		0.1469		0.7393		0.1703

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
477	Barashiv-1 (Jawla bazar)	Hingoli		0.0022		0.3176		0.0991
478	Aundha nagnath	Hingoli	0.023			0.02		0.0419
479	Alegaon (Old)	Hingoli		0.0535		0.0833		0.0375
480	Churawa	Hingoli				0.2754		
481	Babulgaon	Hingoli		0.1283	0.1164			0.1701
482	Palasgaon	Hingoli		0.4761	0.5869		0.4528	
483	Chikhli	Hingoli		0.2058				
484	Aral-1	Hingoli		1.4371		1.7254		
485	Basmath	Hingoli	0.7897		0.1457			0.0859
486	Kautha-Khudnapur	Hingoli				0.5685		
487	Dongarkada	Hingoli				0.2761		0.2085
488	Narvel	Jalgaon	0.376			0.4485	0.3208	
489	Kingaon	Jalgaon				4.4056		2.205
490	Dhanora_Pz	Jalgaon	1.5582		0.8253		0.9998	
491	Hated Budruk	Jalgaon	0.007			0.6274		0.451
492	Raver1	Jalgaon	1.27		0.3763		0.6829	
493	Chopda	Jalgaon		0.1484		0.2103		0.1807
494	Dangarda	Jalgaon		0.298		0.4013		0.1334
495	Balvadi	Jalgaon	0.047		0.5417		0.0277	
496	Faizpur	Jalgaon	0.1815		0.5874		0.6218	
497	Dharangaon	Jalgaon	0.1783			0.1701		0.0626
498	Bhusawal (New)	Jalgaon		0.4114		0.7946		0.6848
499	Muktai Nagar-1	Jalgaon	0.1198		0.3043			0.1624
500	Mendhoda	Jalgaon		0.2859	0.2368		0.0609	
501	Erandol	Jalgaon		0.1559		0.2566		0.2125
502	Kusumbe-1	Jalgaon				0.3147		
503	Pimpalkotha	Jalgaon	0.1154			0.0548		0.0761
504	Susari-Varangaon	Jalgaon				2.3775		
505	Naseerabad	Jalgaon	0.2718			0.0105	0.1044	
506	Lasgaon	Jalgaon				0.2496		0.1551
507	Jamner-1	Jalgaon			0.9945		0.0251	
508	Jamner	Jalgaon	0.1334			0.0314	0.1423	
509	Kasoda	Jalgaon	0.0911			0.2071		0.0789
510	Kekat Nimbhora	Jalgaon	0.0547		0.487		0.3368	
511	Sadavan Bk.	Jalgaon	0.4716					
512	Neri	Jalgaon		0.1049	0.0395			0.0176
513	Mondhale	Jalgaon	0.0602			0.0485		0.0265
514	Parola-1	Jalgaon	0.0721			0.0075		0.0214
515	Bodwad	Jalgaon	0.1947			0.209		0.0631
516	Shendurni	Jalgaon		0.0807	0.0048			0.0653
517	Pachora-1	Jalgaon	0.3616		0.9159		0.346	
518	Vakdi	Jalgaon		0.0403	0.0343		0.0153	
519	Shengola	Jalgaon	0.0453		0.0515		0.0476	
520	Talwade Kd	Jalgaon	0.0677			0.1313		0.1117
521	Pimpalkhede	Jalgaon				0.0563		
522	Adgaon	Jalgaon		0.1972		0.2541		0.2965
523	Higone	Jalgaon				0.6506		
524	Pasardi	Jalgaon	0.1595			0.1389		0.0633
525	Bodar	Jalgaon		0.0483		0.0163		0.0797
526	Wakdi	Jalna	0.4811		0.3532		0.5485	
527	Jafrabad	Jalna	0.1943			0.0499	0.1003	
528	Bhokardhan_Pz	Jalna		1.0632		0.1462		0.6141
529	Warud	Jalna				0.9675		0.7239

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
530	Longaon	Jalna	0.1153			0.224	0.0485	
531	Talegaon	Jalna		0.1076		0.0456		0.2205
532	Tembhurni_Pz	Jalna		0.2066		0.1538		0.0285
533	Badnapur	Jalna		0.6119	0.643		0.1774	
534	Talni	Jalna				0.1654		0.2176
535	Navha	Jalna		0.0829	0.0986			0.0566
536	Samangaon	Jalna	0.0452			0.2148		0.082
537	Naygaon_Pz	Jalna	0.3318		0.096		0.1078	
538	Kalegaon	Jalna		0.1015		0.2885		0.1722
539	Dahiphal_Pz	Jalna	0.0439		0.5407		0.4257	
540	Ambad	Jalna		0.0849		0.1186		0.0887
541	Partur_Pz	Jalna	0.0884			0.249		0.1127
542	Mantha	Jalna	0.5989		0.0379		0.1901	
543	Watur	Jalna	0.2729			0.142		0.0156
544	Tirthpuri	Jalna	0.1176		0.0483		0.117	
545	Wadigodri_Pz	Jalna				0.3604		0.5398
546	Shreshti	Jalna		0.3034		0.0627		0.1925
547	Shahagad	Jalna		0.4944		0.9493		0.6925
548	Amba	Kolhapur		0.0343	0.1744		0.0579	
549	Surute	Kolhapur	0.3166			0.0836		0.0065
550	Patne	Kolhapur		0.0092	0.2864		0.1088	
551	Karve	Kolhapur	0.0849		0.1923			0.0351
552	Naganwadi	Kolhapur	0.3051			0.2196	0.0086	
553	Kanur Khurd	Kolhapur				0.3195	0.0627	
554	Nesari	Kolhapur	0.2505			0.0716	0.1429	
555	Ajra	Kolhapur	0.2665		0.3553		0.0828	
556	Halkarne	Kolhapur		0.0421		0.4827		0.338
557	Nitawade	Kolhapur	0.355		0.6697		0.3773	
558	Gadhingalaj	Kolhapur	0.0635			0.2892		0.0903
559	Uttur	Kolhapur	0.6926		0.1308		0.2952	
560	Pimpalgaon	Kolhapur	0.2874			0.1137	0.1183	
561	Murgud	Kolhapur	0.0598		0.0096			0.0067
562	Radhanagari	Kolhapur	0.2377			0.0696	0.0179	
563	Surupali	Kolhapur	0.1652		0.0478		0.0756	
564	Solankur1	Kolhapur	0.3861		0.0048		0.0863	
565	Khindivarvade-1	Kolhapur	0.558		0.1876		0.1081	
566	Shelewadi	Kolhapur	0.622			0.2769		0.3185
567	Gagan bauta	Kolhapur	0.4583		0.2019		0.0727	
568	Chuye	Kolhapur				0.5489		
569	Aslaj	Kolhapur	0.36		0.2992		0.0933	
570	Washi	Kolhapur	0.2691		0.1492		0.099	
571	Gokul shirgaon	Kolhapur	0.0966		0.0061			0.0052
572	Shiradwad	Kolhapur		0.0187		0.1163		0.1102
573	Kirve	Kolhapur				0.0269		0.1208
574	Parkhandale	Kolhapur	0.0902		0.1248		0.0544	
575	Khupire	Kolhapur	0.0719		0.035		0.0665	
576	Shiroli	Kolhapur	0.3569		0.0574		0.1534	
577	Undri	Kolhapur	0.5183			0.1754	0.1106	
578	Panhala	Kolhapur		0.6245	0.1415			0.3915
579	Paijarwadi	Kolhapur	0.2577			0.4541	0.0984	
580	Pargaon -1	Kolhapur	0.3106			0.1138		
581	Kini wathar	Kolhapur	1.0796			0.2305	0.1131	
582	Wadicharan-1	Kolhapur			0.064		0.0904	
583	Shahuwadi-1	Kolhapur			0.601			

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
584	Shelarwadi	Kolhapur				0.1109		
585	Nalegaon-1	Latur		0.1353	0.1289		0.2574	
586	Mahalangra	Latur	0.1007			0.2092		0.2374
587	Ashta	Latur	0.5997		0.1329		0.5873	
588	Mahapur - Vasantnagar tanda	Latur	0.2939		1.021		0.3977	
589	Rajwadi	Latur			1.0288			
590	Renapur	Latur		0.1691		0.6424		0.1391
591	Handerguli_Pz	Latur	0.0806		0.0321		0.0669	
592	Chapoli	Latur		0.3148		0.1832		0.144
593	Shirur Tajbandh_Pz	Latur		0.2554	0.2279			0.5777
594	Pangaon	Latur		0.2662		0.1723		0.09
595	Jalkot	Latur	1.1636			0.4766		0.0801
596	Patoda	Latur	0.0637			0.0463	0.0125	
597	Ahmadpur	Latur	0.0898			0.0104	0.1161	
598	Kingaon	Latur	1.7733		0.5731		0.8854	
599	Killari_Pz	Latur		0.6216		0.115		0.0207
600	Aurad Shahajani_Pz	Latur				1.5856		3.5386
601	Lamjana Phata	Latur	0.1064			0.0118		0.0183
602	Belkund	Latur				0.6724		
603	Kelgaon	Latur	0.3448		0.2049		0.2502	
604	Walandi-1	Latur		0.6064	0.1283			0.1498
605	Ausa	Latur		0.0492		0.1798		0.0683
606	Deoni	Latur		0.8303		0.2211		0.2668
607	Deoni_Pz	Latur		0.5607		0.0773	0.2246	
608	Bhada	Latur	0.0105			0.0784		0.1105
609	Panchincholi	Latur	0.2969			0.2015		0.1453
610	Budhoda	Latur		0.1453		0.1507		0.1525
611	Mogha	Latur	1.0262			0.0937	0.313	
612	Pandharwadi	Latur	0.1611			0.4041		0.1511
613	Rapka	Latur	0.1218		0.5407		0.3009	
614	Udgir1	Latur		0.1908		0.0587		0.0653
615	Murud	Latur		0.1021		0.391		0.1374
616	Murud-Akola	Latur	0.1365			0.3651		0.3163
617	Latur2	Latur				0.9347		
618	Borgaon Kale	Latur	0.0002			0.2823		0.2845
619	Nagalgaon_Pz	Latur		3.1716		1.887		2.6065
620	Kasar Sirsi	Latur	0.0329		0.0341			0.0118
621	Kasar Belkunda-1	Latur			0.0478		0.0634	
622	Colaba (Dandi)	MUMBAI		0.0694		0.1319		0.0983
623	Bombay (Church Gate)	MUMBAI		0.0053		0.0349	0.0086	
624	Mahim	MUMBAI	0.0004		0.0499			0.016
625	A.M.C. Colony	MUMBAI		0.3945		0.4662		0.3684
626	Jalalkheda_Pz	Nagpur		0.3774		0.3017		0.3039
627	Saoner-1	Nagpur		0.3499		0.2098		0.2626
628	Sawargaon	Nagpur	0.3216			0.1921	0.1021	
629	Ramtek	Nagpur		0.0783		0.0534		0.036
630	Sivani	Nagpur	0.0646			0.0304		0.0233
631	Kothulna	Nagpur	0.0563		0.0275		0.1521	
632	Malapur	Nagpur		0.7689		0.9871		0.3157
633	Khubala	Nagpur		0.0349		0.1156		0.0216
634	Kelod	Nagpur		0.209		0.1092		0.1499
635	Narkhed	Nagpur	0.1905		0.002		0.1801	
636	Chorbaoli	Nagpur	0.1252		0.0137		0.1316	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
637	Narkhed_Pz	Nagpur		0.4117		0.0689		0.1502
638	Kharpada	Nagpur				0.0888		
639	Parseoni	Nagpur	0.0514		0.0517		0.1475	
640	Pallora	Nagpur		0.6944		0.1385		0.2234
641	Nagalwadi	Nagpur		0.0648		0.0764		0.0543
642	Deolapar	Nagpur		0.4231		0.2848		0.3246
643	Manegaon Tek	Nagpur	0.0622			0.2701		0.0655
644	Lohara	Nagpur		0.4666	0.0183			0.1102
645	Chargaon (Punarwasi)	Nagpur	0.0899			0.2693		0.0323
646	Katol	Nagpur		0.276		0.6757		0.5269
647	Chacher	Nagpur	0.212			0.0639	0.045	
648	Dhapewada	Nagpur	0.0123			0.092	0.0363	
649	Paradsinga_Pz	Nagpur		1.0216		2.0875		1.7903
650	Jamgaon Bk_Pz	Nagpur		0.1815	0.0165			0.1328
651	Wagholi	Nagpur		0.059		0.0779		0.055
652	Rohna_Pz	Nagpur		0.8982		0.5565		0.4722
653	Rohna	Nagpur		0.197		0.3665		0.1897
654	Sonoli_Pz	Nagpur		1.1609	0.0104			0.4613
655	Nayakund	Nagpur		0.0042		0.692		0.3525
656	Sirpur Toli	Nagpur	0.0266			0.0215	0.0154	
657	Chicholi Dw	Nagpur	1.2917			0.3705	0.6581	
658	Fetri_Pz	Nagpur		0.0425		0.1352		0.139
659	Phetri Dw	Nagpur	0.2843			0.1521	0.6167	
660	Nara_Pz	Nagpur		0.0133		0.1163		0.0415
661	Kamptee	Nagpur	0.2124		0.1068		0.1986	
662	Nagpur_Koradi naka	Nagpur	0.5967		0.251		0.304	
663	Ridhora	Nagpur		0.4794		0.241		0.1411
664	Kalmeshwar	Nagpur	0.0143			0.0371	0.0179	
665	Khat	Nagpur	0.2391		0.1863		0.0745	
666	Koradi	Nagpur	0.0329			0.0638	0.0271	
667	Nagpur_Hanuman nagar	Nagpur		0.0097	0.1726		0.1813	
668	Nagpur_Ramdaspath	Nagpur	0.1289		0.1096		0.1038	
669	Kondhali	Nagpur				0.1208		0.0704
670	Sathnaori	Nagpur		0.0784		0.6703		0.2244
671	Nagpur_VNIT_Pz	Nagpur		0.0935		0.0053		0.1121
672	Gonkhedi	Nagpur		0.383		0.2596		0.2751
673	Mohpa	Nagpur		0.2009		0.3095		0.2606
674	Wardhamna	Nagpur		0.2589		0.1735		0.125
675	Mouda-1	Nagpur				0.3965		
676	Nagpur_Wadi naka	Nagpur		0.0257		0.0718		
677	Nagpur_Punapur	Nagpur	0.2924		0.0256			
678	Nandora	Nagpur		0.1102				
679	Nagpur_Police line takli	Nagpur		0.2068		0.0298		0.0516
680	Rui_Gavsi Manapur	Nagpur		0.1559		0.3094		
681	Mangli1	Nagpur		0.1812		0.5926		0.2784
682	Panchgaon	Nagpur		0.2526		0.0456		0.0825
683	Nagpur_Chinchbhaw an	Nagpur	0.2341					
684	Hingna (Raipur)_Pz	Nagpur		0.0313				
685	Takalghat	Nagpur	0.3279			0.437	0.0358	
686	Kanholi bara	Nagpur		0.1837		0.1085		0.126

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
687	Kanholibara_Pz	Nagpur		0.12		0.2031		0.1514
688	Uti	Nagpur		0.1155		0.0081		0.0105
689	Gumgaon	Nagpur	0.1218		0.0902		0.0673	
690	Amgaon	Nagpur	0.159		0.0425		0.0398	
691	Kuhi	Nagpur	0.5521					
692	Nawegaon (Deshmukh)	Nagpur		0.2328		0.0577		0.1259
693	Umrer	Nagpur		0.2245	0.0555			0.0074
694	Borkhedi_Pz	Nagpur				0.1901		0.1407
695	Makardhokda	Nagpur		0.0984		0.084		0.0302
696	Makardhokda_Pz	Nagpur		3.1626	0.4636			0.5963
697	Borkhedi	Nagpur	0.0991		0.0646		0.1854	
698	Bhiwapur	Nagpur		1.1084		0.5959		0.384
699	Bela_Pz	Nagpur		0.1238	0.1104			0.0163
700	Narsi	Nanded		0.0833	0.2784		0.0345	
701	Malegaon (I)	Nanded	0.0652			0.0481	0.0488	
702	Naigaon	Nanded		0.1646		0.0404		0.0225
703	Biloli-1	Nanded		0.3958				0.3287
704	Police Wadi	Nanded		0.0814		0.1368		
705	Khambegaon	Nanded		0.5489	0.0395		0.1568	
706	Kapsi Gumta	Nanded	0.183			0.1643	0.0278	
707	Umri-Gortha	Nanded		0.2501	0.2563			0.1356
708	Janapuri-1	Nanded		0.4752		0.1712		0.0004
709	Sikarghat (Amdura)	Nanded		0.2483	0.4959		0.1636	
710	Mukrambad (Kharka)	Nanded	0.4709			0.2065	0.0207	
711	Atkali_Pz	Nanded		0.7527	0.8902			0.0736
712	Pala	Nanded		0.0889		0.4624		0.4097
713	Jamb Buzurg	Nanded		0.0337	0.6781		0.2319	
714	Mukher-1	Nanded		0.5057	0.0042			0.0311
715	Unkeshwar	Nanded		0.2578		0.1635		0.2562
716	Lakmapur	Nanded		0.1146	0.271		0.0442	
717	Mahur	Nanded			0.0984			0.3277
718	Anjankhed	Nanded		0.0639		0.2		0.2109
719	Gokunda (Kinwat)-1	Nanded		0.6064		0.1905		0.2439
720	Mathala	Nanded		1.0508				
721	Kamtala	Nanded		0.5484		0.5096		0.5463
722	Himayat Nagar	Nanded		0.5281	0.3727			0.3585
723	Islapur	Nanded	0.3536			0.1614		0.0715
724	Dorli	Nanded		0.0666		0.1847		0.1198
725	Waranga	Nanded		0.2068	0.0029		0.1516	
726	Hadgaon-1	Nanded		0.3806		0.5849		0.5622
727	Chikhli Chota	Nanded				0.1577		0.1454
728	Mudkhed2	Nanded		0.2807	0.0057			0.1712
729	Nanded	Nanded		0.6149				
730	Taroda (Bk)	Nanded				0.8965		
731	Nagapur	Nanded		0.249	0.022			0.1126
732	Bhokar	Nanded	0.1041		0.4579		0.2476	
733	Barad	Nanded		0.0748	0.2574		0.1625	
734	Narwat	Nanded	0.2337		0.1864		0.19	
735	Lahan	Nanded		0.1236		0.022		0.1285
736	Dhawari Buzurg	Nanded		0.0888		0.5788		0.1863
737	Ardhapur-1	Nanded		0.5678		0.9634		0.1263
738	Malegaon (II)	Nanded		0.0326		0.8141		0.3432
739	Wadgaon (kh)	Nanded		0.3297				0.1689

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
740	Jhalakwadi	Nanded		0.0224	0.0138			0.0625
741	Tamsa_Pz	Nanded	0.2202			0.8238	0.0763	
742	Sundarde-1	Nandurbar		0.1402		0.0683		0.1188
743	Loy	Nandurbar		0.3392		0.6126		0.4073
744	Ghuli	Nandurbar		0.12				
745	Wadali-1	Nandurbar				0.6175		
746	Khapar	Nandurbar		0.2574		0.1376		0.0492
747	Akkalkuva	Nandurbar		0.2665		0.0115		0.1078
748	Taloda 2	Nandurbar		0.4687		0.4928		0.4459
749	Rojhave	Nandurbar		0.881	0.96			0.2912
750	Rampur	Nandurbar		0.4195		1.3403		0.3038
751	Kakarda	Nandurbar		0.229		0.1987		0.2521
752	Bajri Pati	Nandurbar		0.9193		0.0931		0.2553
753	Kathi	Nandurbar	0.1911			0.3566		0.0168
754	Khuntamodi	Nandurbar	0.1334			0.0323	0.0677	
755	Dhadgaon June_Pz	Nandurbar			0.7057			
756	Dhadgaon-1	Nandurbar	0.0371			0.0047		0.0183
757	Ashti	Nandurbar	0.0835				0.0258	
758	Shravani	Nandurbar		0.1801		0.1032		0.113
759	Bhadavad	Nandurbar		0.0449		0.0177		0.1155
760	Ranala	Nandurbar		0.3197		0.4943		0.383
761	Nandurbar	Nandurbar	0.0166		0.0396		0.0301	
762	Viasarwadi	Nandurbar		0.4943	0.3114			0.0462
763	Nawapur2	Nandurbar		0.039		0.0734		0.0179
764	Vadkolambi	Nandurbar	0.2128		0.2327		0.1632	
765	Jhodga	Nashik		0.3784		0.1336		0.1589
766	Virgaon	Nashik	1.092			0.5564		0.3333
767	Nampur	Nashik				1.6246		2.3798
768	Nampur-1	Nashik		1.5476		0.3767		0.5256
769	Tinghri_Pz	Nashik		0.0247	0.8494		0.3781	
770	Toharabad	Nashik		0.294	0.3815		0.2825	
771	Toharabad-1	Nashik				0.1749	0.0156	
772	Thengode_Pz	Nashik		0.5078		0.0036		0.1053
773	Ravalgaon_Pz	Nashik		1.2943		2.2616		0.8175
774	Dabhadi	Nashik		0.0803		0.1638		0.1403
775	Dahiwal	Nashik	0.1386			0.1209		0.0443
776	Dalwat	Nashik		0.0599	0.1236		0.1194	
777	Lakhamapur_Pz	Nashik		0.0318	0.0333			0.0113
778	Satana	Nashik		0.258	0.1141			0.1711
779	Chikhalohol	Nashik		0.3386		0.4238		0.4241
780	Ravalgaon	Nashik		0.4337		0.2498		0.227
781	Karanjagavan	Nashik	0.0675		0.0133		0.0879	
782	Sogras	Nashik		0.0473		0.2495		0.0677
783	Nandgaon	Nashik		0.029		0.0138		0.019
784	Vani	Nashik	0.137		0.0561		0.0798	
785	Savargaon	Nashik		0.4467		0.2775		0.3084
786	Jalgaon(Ni)	Nashik				0.319		0.5007
787	Umrane-1	Nashik	0.2378			0.3527	0.0783	
788	Ghagbari	Nashik		0.5698		0.019		0.2999
789	Deola-1	Nashik	1.2857		0.8384		0.6503	
790	Sakora	Nashik				1.6212		0.3453
791	Pate	Nashik		0.2091		0.1428		0.1915
792	Pimpalgaon Baswant	Nashik	0.1074		0.0247		0.1275	
793	Rajapur	Nashik	0.1428			0.4737		0.0009

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
794	Nalegaon	Nashik		0.0142	0.1144		0.0196	
795	Dindori	Nashik		0.082	0.3948		0.1312	
796	Chachadgaon	Nashik	0.1851		0.4012		0.1654	
797	Karanjali	Nashik		0.0414		0.0376		0.0311
798	Chandwad	Nashik		0.2441		0.2242		0.2407
799	Manmad-1	Nashik	0.3243			0.0086	0.0997	
800	Peth	Nashik	0.4321			0.0511	0.0823	
801	Dahigaon_Pz	Nashik	0.9895			0.3464	0.0002	
802	Kokanwadi	Nashik	0.0208			0.128		0.1919
803	Nashik_city-I	Nashik	0.5902		0.1419		0.3585	
804	Yeola	Nashik	0.0522		0.1645		0.0447	
805	Angangaon	Nashik	0.2548		0.1119		0.1452	
806	Mhasrul	Nashik	0.0483		0.0545		0.0751	
807	Purangaon-Jalgaon	Nashik	0.4091		1.1579		0.7459	
808	Jalgaon	Nashik		0.0851	0.2522		0.0247	
809	Pimplas(Rama che)2	Nashik		0.0461		0.0251	0.1083	
810	Kone	Nashik		0.4004		0.3793		0.3037
811	Raslapur	Nashik	0.1728		0.2397		0.2693	
812	Dhondegaon	Nashik		0.1302		0.1283		0.1502
813	Gangawadi	Nashik	0.5934			0.006	0.0996	
814	Harsul	Nashik	0.1291			0.0122	0.0413	
815	Vinchur-1	Nashik		0.0342		0.0335		0.0136
816	Vinchur_Pz	Nashik				2.15		1.7942
817	Dahalewadi	Nashik				0.1827		0.1174
818	Raigarh Nagar	Nashik		0.2622		0.022		0.002
819	Deolali	Nashik	0.2551		0.2241		0.2186	
820	Pandurli_Pz	Nashik		0.396	0.5155		0.4059	
821	Shinde-1	Nashik	0.1228			0.0122	0.0236	
822	Trimbakeswar	Nashik		0.1319		0.0726		0.0871
823	Wadholi	Nashik			0.4428			
824	Nashik_city-II	Nashik		0.1241	0.0024			0.0328
825	Andarsul	Nashik		0.013		0.1135		0.1981
826	Khambale	Nashik		0.0331		0.1945		0.0726
827	Nandur Shirgate	Nashik		0.3487	0.0357			0.0039
828	Malwadi-1	Nashik			0.5208		0.1438	
829	Vavi-1	Nashik	0.1111		0.0092		0.0749	
830	Mukhane	Nashik		0.2064		0.4432		0.2599
831	Sinnar	Nashik	0.0421		0.0193		0.0498	
832	Baragaon Pimpri	Nashik		0.0866		0.1209	0.0088	
833	Vasali	Nashik		0.3428		0.2154		0.2409
834	Igatpuri_Pz	Nashik		0.1449	0.7206		0.1937	
835	Anala	Osmanabad	0.1505			0.575		0.4415
836	Massa (Khurd)	Osmanabad				0.2694		0.257
837	Kukadgaon	Osmanabad		0.6836		0.5781		0.592
838	Wakwad	Osmanabad		0.5397	0.1621			0.2587
839	Wasi-1	Osmanabad		0.3213	0.913		0.3066	
840	Pathrud3	Osmanabad			0.2173			
841	Vadgaon Siddheswar	Osmanabad	0.3375			0.3097	0.0051	
842	Osmanabad-1	Osmanabad		0.0903	0.104		0.127	
843	Khanapur-1	Osmanabad		0.5011				
844	Sanja	Osmanabad	0.0739			0.302		0.0841
845	Pimpalwandi	Osmanabad		0.2059		0.5634		0.3893
846	Paranda-1	Osmanabad		0.18	0.1761		0.0691	
847	Yedshi	Osmanabad	0.3789			0.4147		0.1129

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
848	Sonari	Osmanabad		0.1745		0.2507		0.1914
849	Dhoki	Osmanabad		0.12		0.3772		0.2641
850	Yermala_Pz	Osmanabad	0.0014			1.3131		0.3505
851	Dhoral-1	Osmanabad		0.5924	0.2013		0.0455	
852	Itkal_Pz	Osmanabad		0.1411	0.4208		0.3023	
853	Andur	Osmanabad		0.3725			0.1996	
854	Turori	Osmanabad	0.0345		0.2		0.2013	
855	Suratgaon-1	Osmanabad		0.0972	0.1456		0.0861	
856	Gandora	Osmanabad		0.4596	0.1176			0.1415
857	Mouje Barul	Osmanabad		0.1011		0.1621		0.1396
858	Lohara Buzurg	Osmanabad		0.0786		0.0601		0.0713
859	Tuljapur-3	Osmanabad		0.342				
860	Takiwiki	Osmanabad	0.0889			0.2968		0.168
861	Karajkheda	Osmanabad			0.1218			
862	Rani Sawargaon-1	Parbhani		1.2795				
863	Wadgaon	Parbhani		1.2742		1.5455		1.1894
864	Avalgaon	Parbhani		0.1133		0.3592		
865	Kerwadi	Parbhani		0.5793		0.5196		0.4658
866	Narwadi_Pz	Parbhani		0.3288		2.8834		1.1594
867	Anjanawadi-1	Parbhani		0.1962	0.399		0.3051	
868	Kotamwadi	Parbhani		0.1481		0.2132		0.1938
869	Tadkalas	Parbhani	0.0453			0.3489		0.2218
870	Chikhalthana	Parbhani	0.2956			0.5937		0.2466
871	Panchegaon-1	Parbhani		0.3406		0.1254	0.2299	
872	Pangri	Parbhani	0.2184		0.6375		0.2619	
873	Devgaon	Parbhani		0.4013		1.395		0.7185
874	Jintur	Parbhani			0.014		0.025	
875	Charthana-1	Parbhani		0.4113	0.8986			0.0508
876	Mankeswar	Parbhani		0.0215		0.0615		0.0689
877	Kausdi_Pz	Parbhani	0.8401			0.1323	0.2245	
878	Bori	Parbhani	0.0572		0.318		0.5616	
879	Walur-1	Parbhani			0.3425			
880	Gojegaon	Parbhani		0.1949		0.1006		0.2264
881	Singanapur	Parbhani	0.0052			0.2552		0.2886
882	Karegaon	Parbhani	1.1071					
883	Pathri-1	Parbhani	2.1417				0.9218	
884	Dharmapur	Parbhani			2.3695			
885	Hadgaon_Pz	Parbhani	0.4634			0.8306		1.012
886	Manwat	Parbhani	0.1024			0.0176		0.0269
887	Wadi Pati	Parbhani	0.9208		0.7204			
888	Hadgaon-1	Parbhani		0.2859		0.264		0.2103
889	Pedgaon2	Parbhani	0.2474			0.0752		0.1093
890	Selu	Parbhani	1.0257		0.3349		0.5613	
891	Shirur	Pune		0.2934		0.2768		0.1948
892	Pabal New	Pune		0.3956		0.1145		0.3684
893	Rajgurnagar (Khed)	Pune	0.0111		0.0968		0.0631	
894	Kauthe_Pz	Pune	0.2692		0.753		0.4946	
895	Loni (Ambegaon)	Pune	0.1663			0.0577	0.0222	
896	Kalamb	Pune	0.1018			0.0396		0.0289
897	Mahalunge Padval_Pz	Pune	0.8325		0.4398		0.6588	
898	Narayangaon	Pune		0.0208		0.0599		0.0753
899	Belhe	Pune		1.3885				
900	Patias	Pune	0.03		0.0737		0.0564	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
901	Bukum	Pune		0.5993		0.0325		0.1783
902	Khutbhav_Pz	Pune	0.0182		0.8821			0.0883
903	Mulshi	Pune			0.1493		0.1305	
904	Pune	Pune	0.1992			0.0875		0.0915
905	Khadki	Pune	0.2596		0.1147			
906	Kolwan	Pune		0.2613		0.0393		0.088
907	Wagholi-1	Pune		0.2298				
908	Parne	Pune	0.1914		0.0063		0.1369	
909	Chinchwad	Pune		0.1195				
910	Shikrapur	Pune	0.0647		0.0775			0.0139
911	Kharabwadi	Pune			0.4655		0.1164	
912	Lonawala	Pune		0.0345	0.1146		0.0861	
913	Kamshet	Pune	0.525		0.5614		0.3821	
914	Nimbgaon-Ketke	Pune		0.2701		0.5418		0.3777
915	Dorlewadi	Pune	0.1303			0.1405		0.0916
916	Dhumalwadi	Pune		0.457	0.001			0.1524
917	Pimpri (Kh) Malvasti	Pune		0.2263		0.0366		0.1856
918	Karanje	Pune	0.3247		0.1652		0.1371	
919	Kamatwadi-Walha	Pune	0.7404			0.8634		
920	Kasurdi-1	Pune			0.5627			
921	Undavri Kade Pathar	Pune		0.1994		0.2006		0.2733
922	Pangre Sailar Basti	Pune	0.0941		0.0348			0.021
923	Bhadalwadi	Pune		0.1348		0.5107		0.2983
924	Jejuri	Pune		0.4095		0.245		0.2789
925	Sakurde	Pune	0.0911		0.1192		0.0722	
926	Wehle	Pune		0.0833	0.0742		0.0366	
927	Kolawade	Pune			0.2526			
928	Narayanpur	Pune	0.2174		0.2802		0.1023	
929	Shivpur Khed	Pune		0.0423	0.0881		0.0329	
930	Zendewadi	Pune	0.7585					
931	Belhe-1	Pune	0.5355					
932	Ane	Pune		0.4332	0.0887			0.036
933	Ale-1	Pune	0.0132			0.909		
934	Junnar	Pune	0.0702			0.3498		0.1501
935	Otur	Pune	0.0438		0.3345		0.1683	
936	Jite	Raigad		0.458	0.1272			0.045
937	Khalapur	Raigad	0.0061			0.1257		0.1052
938	Hudhre Budruk (Karjat)	Raigad	0.0987		0.1155		0.0729	
939	Chinchwad	Raigad	0.1687		0.2028		0.0586	
940	Ajivali	Raigad	0.0526		0.0948		0.0771	
941	Neral	Raigad	0.041			0.1476		0.06
942	Phugaon	Raigad		0.1159	0.0247			0.0148
943	Kharapati	Raigad	0.0638		0.0521		0.027	
944	Shenvai-1	Raigad			0.0273			
945	Dapoli	Raigad		0.0468		0.0568		0.0727
946	Sukeli	Raigad			0.0775			
947	Kude	Raigad			0.0239			
948	Bilji (Umta)	Raigad	0.1551		0.0556		0.0737	
949	Pali	Raigad		0.1578	0.1797			0.0231
950	Nagothan	Raigad		0.2767	0.026			0.0641
951	Nagaon	Raigad	0.4946				0.1462	
952	Poynad	Raigad	0.2499			0.0043	0.0738	
953	Kargaon	Raigad		0.0749	0.0109			0.0152

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
954	Vadkhal	Raigad		0.0026	0.03		0.0305	
955	Veshwi	Raigad	0.0558		0.1369		0.0373	
956	Sochinde	Raigad	0.1928		0.0455		0.1026	
957	Kembulde	Raigad	0.6283					
958	Kelte	Raigad	0.1159		0.0344		0.0778	
959	Madegaon	Raigad			0.1122		0.1004	
960	Varandha	Raigad		0.0571	0.0914		0.0398	
961	Temple	Raigad	0.3798		0		0.0921	
962	Chandore	Raigad		0.0081	0.0909		0.087	
963	Indapur	Raigad		0.0847				0.0154
964	Kumbharcha Kosta Bk	Raigad		0.0189	0.1047		0.0314	
965	Khutal	Raigad		0.0783		0.0159		0.0765
966	Poladpur	Raigad	0.1669		0.0286		0.071	
967	Lohare_Pz	Raigad	0.5911		0.6001		0.2925	
968	Saigaon Govalwadi	Raigad	0.0395			0.0814		0.0289
969	Dhamnand_Pz	Ratnagiri		2.9074		2.9148		1.8362
970	Wave	Ratnagiri		0.1814	0.1715			0.0134
971	Aawashi	Ratnagiri	0.0411		0.2537		0.0326	
972	Tetavli (Kadamvadi)	Ratnagiri		0.1627	0.1699			0.0126
973	Khopi	Ratnagiri		0.1985	0.0669			0.0256
974	Oni	Ratnagiri	0.5597			0.093	0.1818	
975	Veral_Pz	Ratnagiri		1.9362		1.3909		0.6769
976	Jalgaon	Ratnagiri		0.2325		0.0709		0.1826
977	Dasturi	Ratnagiri		0.2576	0.0684			0.105
978	Vakvali	Ratnagiri		0.1184	0.1809		0.0316	
979	Dapoli	Ratnagiri		0.0782		0.3184		0.1212
980	Kalambani	Ratnagiri	0.3561		0.1391		0.0987	
981	Karanjani	Ratnagiri		0.0051	0.1469		0.0429	
982	Visapur	Ratnagiri				0.0124		
983	Visapur	Ratnagiri			0.1647			
984	Kashedi	Ratnagiri		0.1336		0.108		0.0453
985	Kumble	Ratnagiri		0.1882		0.0057		0.0316
986	Mandangarh	Ratnagiri		0.0047		0.0197	0.039	
987	Bhingloli_Pz	Ratnagiri		0.6903		0.2203		0.2813
988	Mahapral	Ratnagiri		0.1099		0.0949		0.0351
989	Dabhole Belkarwadi	Ratnagiri			0.8305			
990	Sakarpa	Ratnagiri		0.4301		0.1078		0.1581
991	Pali-1	Ratnagiri		0.2399		0.3551		0.3945
992	Karanjari	Ratnagiri		0.154	0.0923			0.227
993	Ratnagiri-1	Ratnagiri	0.2629					
994	Devrukh	Ratnagiri		0.1176		0.8849		0.3031
995	Ambed Budruk	Ratnagiri	0.0852		0.0186		0.0029	
996	Muchari (Bhatadewadi)	Ratnagiri		0.5201		0.1749		0.2425
997	Ganapati Pule-1	Ratnagiri		1.7514		1.2735		0.7367
998	Jakadevi	Ratnagiri		0.2495		0.2423		0.0138
999	Niwali	Ratnagiri		0.3801		0.0218		0.1507
1,000	Dhamni	Ratnagiri		0.2746		0.3864		0.2056
1,001	Khandala	Ratnagiri			0.0328			
1,002	Saitwade	Ratnagiri		0.0544		0.0414	0.0248	
1,003	Jaigarh	Ratnagiri		0.2847		0.4903		0.1587
1,004	Abloli	Ratnagiri		0.1405		0.0165		0.0323
1,005	Abitgaon	Ratnagiri				0.147		
1,006	Agave	Ratnagiri		0.0228	0.0387		0.0935	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,007	Kotluk	Ratnagiri		0.3843	0.1887		0.0289	
1,008	Pimper	Ratnagiri		0.1781	0.0039			0.0809
1,009	Dugvay	Ratnagiri		0.0215		0.0309	0.0295	
1,010	Pophali	Ratnagiri		0.234	0.0152			0.0177
1,011	Shirgaon	Ratnagiri				0.0987		
1,012	Kamathe	Ratnagiri		0.3497	0.0955			0.0367
1,013	Devghar	Ratnagiri		0.0589	0.0434		0.0059	
1,014	Shingartale	Ratnagiri				0.1486		0.1452
1,015	Shringartale-1	Ratnagiri		0.4976		0.268		
1,016	Chiplun	Ratnagiri	0.034		0.3312		0.0714	
1,017	Walope Buddhewadi	Ratnagiri	0.0155		0.1684		0.0759	
1,018	Dabhale	Ratnagiri		0.0664	0.1776			0.1008
1,019	Rajapur	Ratnagiri		0.0967		0.1339		0.1078
1,020	Solgaon	Ratnagiri	0.0613		0.0685		0.0867	
1,021	Raipatan	Ratnagiri		0.0085	0.009		0.0242	
1,022	Vaked	Ratnagiri	0.002		0.2704		0.1582	
1,023	Gawane	Ratnagiri				0.1635		
1,024	Morewadi(Agave)	Ratnagiri		0.3921		1.2296		0.7869
1,025	Devghar	Ratnagiri		0.1883		0.2178		0.1231
1,026	Pomendi (Kh)	Ratnagiri		0.0741		0.1249	0.0013	
1,027	Daphlapur	Sangli				0.6608		
1,028	Kawathe Mahankal	Sangli	0.6303			0.5286	0.0547	
1,029	Alkud	Sangli		0.0949		0.1983		0.1468
1,030	Jath	Sangli		0.2939		0.0617		0.1405
1,031	Peth	Sangli		0.0868		0.0304		0.0929
1,032	Kuchi	Sangli	0.4726			0.8328		0.5024
1,033	Valsang	Sangli		0.2858		0.3801		0.3187
1,034	Yelavi	Sangli		0.281	0.0482			0.1904
1,035	Bambwade	Sangli		0.107	0.0817			0.0705
1,036	Kumbhari	Sangli		0.0732	0.019		0.0175	
1,037	Takari	Sangli	0.246		0.2461		0.1946	
1,038	Panmalewadi	Sangli	0.348		0.0404		0.0695	
1,039	Shegaon	Sangli	0.2307			0.0013	0.0728	
1,040	Palashi-1	Sangli			0.7665			
1,041	Wangi	Sangli		0.0314				
1,042	Kadepur	Sangli		0.0106		0.0461		0.0244
1,043	Belavade	Sangli		0.0337		0.1516		0.1519
1,044	Vibhutwadi-1	Sangli				2.038		
1,045	Umbargaon	Sangli		1.0026		0.2792		0.4185
1,046	Arag	Sangli		0.0345		0.0609		0.0416
1,047	Miraj-1	Sangli	0.1265					
1,048	Nimaj-1	Sangli	0.8084			0.0093	0.1989	
1,049	Sangli_Inamdhamni	Sangli	0.4776		0.2245		0.3319	
1,050	Sangli_Sangalwadi	Sangli	1.5887		0.3532			
1,051	Karnal-1	Sangli	0.5862		0.0396		0.4235	
1,052	Tung	Sangli	0.5301		0.3113		0.138	
1,053	Bilur	Sangli		0.2836		0.4973		0.3825
1,054	Ashta	Sangli	0.2669			0.0529	0.0032	
1,055	Bhade	Satara		0.2085		0.1974		0.1878
1,056	Shirwal	Satara	0.3537			0.2532	0.1637	
1,057	Rehmatpur	Satara		0.0968		0.3136	0.0682	
1,058	Mhaswad	Satara		0.5586		0.1579		0.4158
1,059	Shendre	Satara		0.154		0.0621		0.0851
1,060	Pingli	Satara	0.0074			0		0.0363

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,061	Koregaon	Satara		0.2252		0.1255		0.197
1,062	Kondve	Satara		0.1605	0.2872		0.0453	
1,063	Vaduth	Satara	0.112		0.0051		0.0398	
1,064	Medha	Satara	0.0567			0.0786	0.0335	
1,065	Manjarvadi (Mol)	Satara	0.0397		0.049		0.036	
1,066	Tathvade	Satara		0.0905		0.224		0.1087
1,067	Javali	Satara		0.5602		0.1664		0.4325
1,068	Mogarle	Satara		0.1898		0.2496		0.2327
1,069	Wathar (Station)	Satara		0.3073		0.5573		0.5171
1,070	Pimpode (Bk)-1	Satara	0.3675				0.2706	
1,071	Mahabaleswar	Satara	0.1689		0.2196		0.1043	
1,072	Panchgani	Satara	0.1033			0.1118	0.0626	
1,073	Wai	Satara		0.1299		0.0078		0.0308
1,074	Surur	Satara		0.8548		0.211		0.4172
1,075	Mirgaon	Satara		0.7005		0.2907		0.6358
1,076	Nimblak	Satara	0.1862		0.0858		0.0693	
1,077	Nimblak_Pz	Satara		0.5194	0.0448			0.0835
1,078	Nimbore	Satara		0.2281		0.4068		0.3679
1,079	Yelgaon_Pz	Satara		0.0366	0.0791		0.0786	
1,080	Muttalvadi	Satara		0.3035		0.1916		0.1344
1,081	Undale	Satara	0.2825		0.0041		0.1635	
1,082	Savantwadi (Jinti)	Satara		0.0522	0.1101		0.0513	
1,083	Dhebevadi	Satara	0.2255			0.2012		0.0065
1,084	Malkapur	Satara	0.1407			0.1055	0.0199	
1,085	Morgiri (Shivpurpeth)	Satara	0.0492		0.0291			0.0009
1,086	Malharpeth	Satara		0.1095		0.1967		0.1516
1,087	Patan	Satara		0.1019		0.0063		0.0308
1,088	Varade	Satara	0.0397			0.0866		0.0609
1,089	Manainagar	Satara			0.0408		0.0184	
1,090	Shenwadi	Satara		0.1393		0.1125		0.2018
1,091	Velkhandwadi (Tarli)	Satara	0.3567		0.1336		0.1132	
1,092	Arvi-1	Satara		0.4376	0.2616			0.0248
1,093	Atit	Satara		0.1686		0.008		0.0337
1,094	Aundh	Satara		0.1464		0.128		0.2117
1,095	Katar Khatav	Satara		0.2422	0.105			0.1282
1,096	Dodamarga	Sindudurg	0.1453		0.0614		0.0627	
1,097	Aadali (Dewalwadi)	Sindudurg		0.2298		0.2909		0.1174
1,098	Matond (Ghodemukh)	Sindudurg	0.1965			0.0417	0.1395	
1,099	Vengurla	Sindudurg	0.0117			0.1106		0.0014
1,100	Insuli	Sindudurg		0.0872		0.1271		0.0417
1,101	Math	Sindudurg			0.3845		0.2838	
1,102	Aadeli (Pednekarwadi)	Sindudurg		0.266	0.0242		0.0552	
1,103	Sawantwadi	Sindudurg			0.0671			0.0495
1,104	Zarap	Sindudurg	0.149			0.018	0.0135	
1,105	Danoli	Sindudurg	0.0253			0.0142	0.0309	
1,106	Amboli	Sindudurg		0.1384				
1,107	Amboli-1	Sindudurg			0.0781		0.1395	
1,108	Mangaon Bazar	Sindudurg	0.1261			0.1121	0.084	
1,109	Dewoolwada	Sindudurg				0.1836		
1,110	Vados	Sindudurg	0.0894		0.0497		0.1063	
1,111	Chendwan	Sindudurg	0.2574		0.114		0.171	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,112	Kudal	Sindudurg		0.2234	0.0352			0.059
1,113	Malwan	Sindudurg	0.0201		0.1185		0.0281	
1,114	Kunkaule	Sindudurg		0.2019		0.172		0.104
1,115	Sawarwad	Sindudurg	0.0302		0.012		0.0576	
1,116	Sindhudurg RH	Sindudurg	0.0514			0.2879		
1,117	Hadi (Gaonkarwadi)	Sindudurg	0.1747			0.1555		0.0286
1,118	Kasal	Sindudurg	0.0187		0.0313			0.0229
1,119	Ambrad (Parabwadi)_Pz	Sindudurg	0.7553		1.0525		0.5652	
1,120	Ambrad	Sindudurg						0.003
1,121	Kanedi Bazar	Sindudurg		0.3389		0.2154		0.2148
1,122	Achra	Sindudurg	0.0003			0.0077		0.0215
1,123	Ramgarh	Sindudurg		0.0218		0.0715		0.0403
1,124	Palsamb	Sindudurg		0.0553		0.1281	0.0185	
1,125	Kankavalli-1	Sindudurg		0.0823		0.1432	0.0218	
1,126	Kankavalli	Sindudurg		0.0866		0.1189		0.1185
1,127	Narange	Sindudurg		0.3108	0.0694			0.0444
1,128	Phonda	Sindudurg		0.1512		0.0757		0.0377
1,129	Nandgaon	Sindudurg		0.0774		0.1815		0.087
1,130	Deogarh	Sindudurg		0.2533		0.6423		0.2796
1,131	Shirgaon (Shirgar)	Sindudurg	0.0037			0.0845		0.0373
1,132	Wareri	Sindudurg		0.1647		0.3733		0.0787
1,133	Achirne	Sindudurg		0.0637		0.0316	0.0616	
1,134	Terela	Sindudurg		0.1524	0.0144			0.0684
1,135	Vagothan	Sindudurg	0.2764			0.3357		0.2715
1,136	Phanasgaon	Sindudurg		0.328		0.4331		0.4971
1,137	Vijaydurg	Sindudurg	0.0051			0.1761		0.1931
1,138	Khare Patan	Sindudurg	0.0707			0.1549	0.0101	
1,139	Manegaon	Solapur		0.1524		0.2067		0.1914
1,140	Kandar	Solapur	0.1255			0.0736	0.0367	
1,141	Uplai Rly St_Pz	Solapur		0.1463		0.3958		0.2879
1,142	Nari	Solapur	0.0478			0.4563		0.2956
1,143	Bitergaon Haveli-1	Solapur	0.0165			0.3946		0.246
1,144	Barshi Town	Solapur		0.1507		0.0732		0.1685
1,145	Varkute	Solapur		0.2485		0.312		0.2183
1,146	Jeur	Solapur		0.1686		0.0871		0.1318
1,147	Pangri	Solapur	0.0769		0.0963		0.0952	
1,148	Dhanore	Solapur	0.0269			0.2016		0.3008
1,149	Karmala	Solapur		0.4013		0.2291		0.2259
1,150	Soregaon	Solapur		0.0711		0.2611		0.0321
1,151	Ichgaon	Solapur		0.2724		0.1134		0.244
1,152	Chincholi	Solapur		0.3937		0.9108		0.5816
1,153	Mahud (Bk)	Solapur			0.3749			
1,154	Ranzani	Solapur		0.1283		0.0589		0.0693
1,155	Sohole	Solapur	0.1392			0.1976		0.0146
1,156	Pandharpur	Solapur	0.0745			0.0553	0.0141	
1,157	Piliv	Solapur		0.2452		0.228		0.2397
1,158	Kurul	Solapur	0.2091			0.0045		0.1812
1,159	Salmukh	Solapur	0.3199			0.0023	0.0657	
1,160	Bhandi-Shegaon	Solapur		0.5976		0.2371		0.2661
1,161	Kegaon	Solapur		0.0741		0.1042	0.0103	
1,162	Boramani	Solapur						0.3186
1,163	Ajoti	Solapur	0.0291		0.0314			0.2215
1,164	Narayan Chincholi	Solapur		0.2874		0.1666		0.1569

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,165	Rople	Solapur		0.9628		0.1497		0.5935
1,166	Ule	Solapur		0.1816		0.3094		0.399
1,167	Velapur	Solapur		0.2487		0.5833		0.3661
1,168	Nannaj	Solapur		0.0819		0.0624		0.0478
1,169	Hivre	Solapur		0.8131		0.4144		0.4477
1,170	Malsiras	Solapur		0.2275		0.2574		0.2485
1,171	Karkamb	Solapur		0.0095		0.2034		0.2381
1,172	Natepute-1	Solapur		0.0764	0.1336		0.0794	
1,173	Shetphal-1	Solapur		0.2595		0.159		0.3398
1,174	Shetphal_Pz	Solapur		1.3375				
1,175	Dharmपुरi	Solapur	0.0717		0.039		0.0017	
1,176	Parite	Solapur	0.1695			0.3416		0.097
1,177	Shelgaon	Solapur		0.244		0.5102		0.7447
1,178	Tembhurni	Solapur	0.1453		0.0787			0.0877
1,179	Nagaj	Solapur			0.1319			
1,180	Junoni	Solapur	0.1912		0.1096		0.0992	
1,181	Bhose-1	Solapur		0.8445	0.5569			0.2188
1,182	Pout	Solapur		0.4191				
1,183	Wasud_Pz	Solapur		0.4746		0.4442		0.587
1,184	Nagansur	Solapur		0.0519	0.0315			0.1055
1,185	Marwade	Solapur		0.2148	0.0601			0.1307
1,186	Wadhegaon	Solapur		0.2474	0.2578			0.1199
1,187	Udagi_Pz	Solapur		0.2768		0.058	0.105	
1,188	Wagdhari-1	Solapur		0.1188		0.1089		0.132
1,189	Sangola	Solapur	0.0008		0.199		0.0024	
1,190	Nandni	Solapur		0.221		0.0792		0.1278
1,191	Shivne	Solapur		0.0116	0.0004		0.0439	
1,192	Manjri	Solapur				0.003		0.3752
1,193	Mangalvedha	Solapur	0.0257			0.0614		0.0131
1,194	Ekaspur	Solapur	0.1176			0.1411	0.0296	
1,195	Akkalkot	Solapur	0.0812			0.2245		0.0136
1,196	Brahmapuri	Solapur		0.1473		0.3554		0.1319
1,197	Dahisar Mori	Thane		0.0727		0.1988		0.2615
1,198	Kajli	Thane	0.065			0.006	0.1015	
1,199	Sarsun	Thane		0.4697		0.1388		0.1796
1,200	Saiwan	Thane	0.1891			0.0385	0.0028	
1,201	Dapchari Takarpada	Thane		0.2275		0.0807		0.1075
1,202	Udhwa	Thane		0.0975		0.1826		0.1011
1,203	Balkhapara	Thane	0.0165			0.0586		0.0314
1,204	Karahe	Thane		0.2856	0.0502			0.0309
1,205	Bhoipada (Kasaba)_Pz	Thane					0.0405	
1,206	Kasa	Thane	0.2206			0.0893		0.0111
1,207	Mokhada	Thane		0.2018		0.0516		0.1164
1,208	Ganjad	Thane		0.0717	0.0067			0.0378
1,209	Aashagadh	Thane		0.7705		0.1585		0.2393
1,210	Dahanu	Thane	0.0296			0.0864		
1,211	Belgaon	Thane				0.1679		0.261
1,212	Ambesari	Thane			0.1123			
1,213	Vikramgad	Thane	0.1632			0.1128	0.017	
1,214	Khodala	Thane		0.0092		0.1693		0.077
1,215	Somata	Thane	0.0555			0.0342	0.0246	
1,216	Jogamargepada	Thane		0.2333		0.0826		0.0659
1,217	Dhekale	Thane	0.0426			0.0064	0.0176	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,218	Gothanpada	Thane		0.0335		0.1335		0.0344
1,219	Rinzadpada (Kanchad)	Thane		0.0658		0.0341		0.0107
1,220	Devkop	Thane		0.3426		0.0996		0.1288
1,221	Talempada (Bihigaon)	Thane	0.061			0.1166		0.0487
1,222	Waliv	Thane	0.1624					
1,223	Bramhanwadi	Thane	0.0008		0.1148		0.0133	
1,224	Sathgaon	Thane	0.1543			0.0241		0.0271
1,225	Nishanpada	Thane		0.0913		0.0591		0.0473
1,226	Agashi	Thane		0.0381		0.0757		0.0359
1,227	Ambadi	Thane		0.2695		0.0874		0.0884
1,228	Cherfully	Thane		0.29		0.2102		0.1267
1,229	Khanivade	Thane	0.084		0.0087		0.024	
1,230	Katolwadi (Mulgaon)	Thane	0.1718			0.0555	0.0302	
1,231	Pimpleshwar	Thane				0.5837		0.2932
1,232	Pasheri	Thane				0.1207		
1,233	Murbad	Thane		0.1433		0.0614		0.0625
1,234	Bhaindarpada	Thane		0.0733	0.1534		0.0455	
1,235	Kolimb (KOLAM)	Thane	0.1168			0.0281	0.0272	
1,236	Tokavade (Tokoda)	Thane		0.0684		0.0048		0.0226
1,237	Sandor	Thane	0.007			0.0362	0.0048	
1,238	Wafana	Thane				0.1726		
1,239	Padgha	Thane		0.0094	0.024		0.005	
1,240	Angaon	Thane		0.1748		0.1283		0.1284
1,241	Shendrun_Pz	Thane		0.1582	0.0715			0.2127
1,242	Giraj	Thane	0.0354			0.0852		0.0241
1,290	Adegaon_Pz	Wardha				0.2416		
1,267	Ajda	Wardha	0.0832		0.0514		0.0972	
1,287	Alipur	Wardha	0.049		0.0926		0.0439	
1,261	Anji	Wardha	0.0846			0.2132		0.0395
1,256	Arvi_Pz	Wardha		0.2709		0.4646		0.4978
1,245	Ashti	Wardha	0.1994			0.0267	0.0664	
1,246	Ashti_Pz	Wardha				0.0138		0.2077
1,289	Bhidi	Wardha	0.3246		0.178		0.2468	
1,276	Dahegaon	Wardha	0.0259		0.5911		0.168	
1,278	Dahigaon	Wardha	0.0393			0.0402		0.034
1,296	Daroda	Wardha		0.0124	0.0927		0.096	
1,266	Deoli	Wardha	0.2416			0.0084	0.0953	
1,243	Dhadi	Wardha		0.0158		0.0406		0.0639
1,293	Dhondgaon	Wardha		0.5546	0.0089			0.2768
1,270	Girad	Wardha	0.2032			0.0251	0.0655	
1,286	Giroli	Wardha	0.1345		0.0676		0.1397	
1,288	Hinganghat	Wardha		0.0289	0.1034		0.0005	
1,265	Hingni	Wardha	0.0613			0.0476		0.0143
1,263	Jamni	Wardha	0.0708			0.5604		0.099
1,251	Junapani	Wardha	0.0204			0.0716		0.0468
1,277	Kandhli (Juna)	Wardha	0.3238		0		0.1243	
1,281	Kangaon	Wardha		0.228		0.0221		0.006
1,295	Kapsi	Wardha	0.0881					0.2092
1,272	Karanji Kaji	Wardha		0.0128		0.3375	0.2069	
1,262	Keljhar	Wardha		0.0582		0.0569		0.1127
1,252	Kharangana	Wardha		0.0244		0.0311		0.0194
1,268	Madni (New)	Wardha	0.1217		0.13			0.0233

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,253	Mahakali	Wardha		0.2829	0.0312			0.4583
1,260	Mandwa	Wardha				0.3108		0.0797
1,271	Muradgaon (Balsare)1	Wardha	0.1696			0.3115	0.157	
1,249	Nagalwadi	Wardha		0.2254		0.2706		0.2118
1,283	Nandori_Pz	Wardha		0.6729	0.2265			0.0146
1,264	Paragothan	Wardha	0.5657			0.167	0.2501	
1,254	Pimpalkhuta	Wardha	0.0177					
1,294	Pipri	Wardha	0.1016		0.1435		0.1153	
1,244	Sahur	Wardha	0.075			0.0125		0.003
1,285	Sakhra	Wardha	0.1133		0.0532			0.0205
1,279	Samudrapur	Wardha	0.038			0.0086	0.024	
1,291	Sarul_Pz	Wardha		0.1334		0.1152		0.1761
1,247	Sarwadi	Wardha		0.1818		0.1541		0.1337
1,273	Sawangi	Wardha			0.0663			0.1801
1,274	Sawangi Meghe_Pz	Wardha	0.5274			0.2418	0.1265	
1,259	Selu_Pz	Wardha		1.0245		0.5896		0.6155
1,275	Sewagram	Wardha		0.3934		0.2657		0.2515
1,257	Sindi Rly_Pz	Wardha	0.387			0.0777		0.0123
1,297	Sirasgaon_Pz	Wardha		0.5492				
1,284	Sirpur	Wardha		0.0236		0.268		0.0991
1,292	Sonegaon	Wardha		0.6339		0.0552		0.1366
1,250	Talegaon_Pz	Wardha		0.3681	0.193			0.2715
1,248	Thanegaon-1	Wardha		0.6524	0.441		0.01	
1,280	Tigaon	Wardha	0.0132		0.0475			0.0013
1,269	Vadad	Wardha		0.1527		0.3324		0.173
1,255	Wadhona	Wardha		0.4019				0.3846
1,282	Wasi	Wardha		0.0736	0.082		0.0446	
1,258	Yelakeli	Wardha	0.0075			0.0301		0.032
1,298	Dhanaj Khurd	Washim		0.2235		0.0862		0.184
1,299	Karanja_Pz	Washim	0.2691		0.5873		0.6863	
1,300	Yevta Bandi_Pz	Washim		0.222		0.4733		0.4026
1,301	Shaha	Washim			0.037			0.0025
1,302	Vilegaon (Kherda)	Washim	0.176		0.1002		0.1229	
1,303	Kamargaon	Washim	0.33			0.0638	0.0888	
1,304	Karanja	Washim	0.0208		0.0481		0.1013	
1,305	Ridhora	Washim			0.19			0.4545
1,306	Mangrulpir_Pz	Washim		0.6092		0.4194		0.5317
1,307	Kinhi Raja	Washim		0.0152		0.1191		0.0012
1,308	Medshi	Washim		0.3237		0.0995		0.085
1,309	Wada	Washim		0.5929		0.4573		0.196
1,310	Shelu Bazar	Washim	0.3198					
1,311	Sendurjan Adhao	Washim		0.0698		0.1399		0.0225
1,312	Ansingh	Washim				0.1454		
1,313	Kondala Jhambre	Washim				0.8813		0.5482
1,314	Sawargaon Barde	Washim				0.1316	0.0534	
1,315	Bitoda (Bhojar)	Washim		0.1333		0.2035		0.0747
1,316	Sangaon	Washim		0.0616		0.0635		0.0417
1,317	Kenwad	Washim		0.2612		0.038		0.0775
1,318	Dharpimpri	Washim		0.0322		0.2899		0.07
1,319	Giroli	Washim		0.9679		0.1523		0.1944
1,320	Malegaon_Pz	Washim		0.1523		0.2348		0.1041
1,321	Manora_Pz	Washim		5.2194		0.3072		1.3501
1,322	Malegaon	Washim						0.3798

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,323	Jogaldari_Pz	Washim			0.2131			0.2295
1,324	Sakhar Doha	Washim		0.284		0.065		0.0889
1,325	Jamkheda	Washim		0.0165	0.52		0.5862	
1,326	Jaulka Rly	Washim				0.22		
1,327	Chikli	Washim		0.0793		0.3908		0.1414
1,328	Rithad	Washim		0.3777		0.4586		0.2687
1,329	Dapuri	Washim	0.0235			0.2189		0.1264
1,330	Washim	Washim		0.1561		0.2672		0.1185
1,331	Kurha_Pz	Washim		0.1259		0.0686	0.0252	
1,332	Loni	Washim	0.0714			0.4993		0.0619
1,333	Risod	Washim	0.1739			0.1384	0.0957	
1,334	Tondgaon	Washim				0.3986		0.3461
1,335	Sarul	Yavatmal		0.4564		1.0743		0.3755
1,336	Sindhi_Pz	Yavatmal		0.4086		0.5045		0.5168
1,337	Ner-Pz	Yavatmal		0.172		0.2543		0.1875
1,338	Savar	Yavatmal	0.065		0.0551		0.1459	
1,339	Dighi-Punarvasan-1	Yavatmal				0.8422		0.3544
1,340	Mojhar	Yavatmal	0.1849			0.0282	0.0745	
1,341	Dhanaj (Manekwada)	Yavatmal	0.2003			0.0759	0.0437	
1,342	Kotha	Yavatmal	0.5403		0.0818		0.2375	
1,343	Dhanaj (Manekwada)_Pz	Yavatmal		0.326		0.1993		0.1464
1,344	Mojhar_Pz	Yavatmal				0.3302		0.2835
1,345	Babhulgaon	Yavatmal	0.2025					
1,346	Pahur	Yavatmal	0.429		0.0354		0.1009	
1,347	Pahur_Pz	Yavatmal	0.0161		0.599		0.5475	
1,348	Wadhona	Yavatmal	0.0188		0.0107		0.1293	
1,349	Darwha_Pz	Yavatmal		0.203		0.3701		0.2596
1,350	Selodi	Yavatmal		0.4965		0.4441		0.286
1,351	Jodmoha	Yavatmal	0.2252			0.1856		0.0738
1,352	Mandao	Yavatmal	1.56			0.8114	0.2461	
1,353	Bori (Arab)_Pz	Yavatmal	0.0604		0.3378		0.0201	
1,354	Ladkhed	Yavatmal	0.1458					
1,355	Talegaon	Yavatmal		0.2062		0.1996		0.1749
1,356	Jamwadi	Yavatmal		0.1371		0.1237		0.119
1,357	Umarda (Nursary)	Yavatmal		0.3095		0.0814		0.0894
1,358	Zadgaon	Yavatmal		0.1988				
1,359	Wadgaon	Yavatmal	0.1285			0.0821		0.0224
1,360	Bhari_Pz	Yavatmal		0.2942		0.2859		0.3285
1,361	Yavatmal	Yavatmal		0.7732		0.1528		0.206
1,362	Madkona	Yavatmal	0.0142			0.0363	0.0234	
1,363	Ralegaon_Pz	Yavatmal	0.112			0.1808		0.1154
1,364	Chaparda	Yavatmal	0.037			0.0924	0.007	
1,365	Kalamb	Yavatmal		0.0347		0.1682		0.0148
1,366	Ghatanji_Pz	Yavatmal	0.196			0.1908		0.0169
1,367	Mowada	Yavatmal	0.0723			0.3467	0.1115	
1,368	Akolabazar_Pz	Yavatmal		1.4361		1.0722		0.9831
1,369	Akolabazar	Yavatmal		0.3831		0.2499		0.2035
1,370	Rampur	Yavatmal		0.3655		0.7147		0.2449
1,371	Vai (Lingi)	Yavatmal		0.2274		0.298		0.1438
1,372	Mohgaon Kasba	Yavatmal	0.1132			0.018	0.0144	
1,373	Mangrule	Yavatmal	0.2007			0.0339	0.0788	
1,374	Mohada	Yavatmal	0.5706		0.1152		0.3406	

S.no.	Villages	District	Premonsoon		postmonsoon		Annual	
			Rise	Fall	Rise	Fall	Rise	Fall
			(m/year)	(m/year)	(m/year)	(m/year)	(m/year)	(m/year)
1,375	Mardi	Yavatmal		0.1665	0.1131		0.053	
1,376	Aamla	Yavatmal		0.6438		0.3943		0.3818
1,377	Yelbara_Pz	Yavatmal		0.6056		0.194		0.3209
1,378	Kolambi	Yavatmal		0.1387		0.1617		0.0188
1,379	Metikheda	Yavatmal		1.3924		0.9568		0.5877
1,380	Wadki_Pz	Yavatmal		0.0889		0.3189		0.201
1,381	Pandharkawada	Yavatmal		0.1392		0.1501		0.0548
1,382	Pandharkawada_Pz	Yavatmal		0.3565		0.1728		0.1456
1,383	Singad	Yavatmal		0.2612		1.2632		0.1693
1,384	Arni	Yavatmal		0.9891		0.3188		0.3567
1,385	Arni_Pz	Yavatmal		0.0759		0.3675		0.0468
1,386	Shiroli_Pz	Yavatmal		1.9723		0.0394		0.3663
1,387	Mahagaon	Yavatmal		0.3365		0.0689		0.2165
1,388	Injhala	Yavatmal	0.2523			0.137	0.0806	
1,389	Digras	Yavatmal	0.0709			0.1425	0.0211	
1,390	Maregaon	Yavatmal	0.2055			0.4723	0.0756	
1,391	Buranda-Hetis	Yavatmal	0.1824				0.2797	
1,392	Saykheda_Pz	Yavatmal		0.0945		0.3973		0.2962
1,393	Ghatanji	Yavatmal		0.0714		0.0951	0.0002	
1,394	Karanji1	Yavatmal				0.3221	0.0779	
1,395	Karanji_Pz	Yavatmal				0.1411		0.0631
1,396	Dhanoda	Yavatmal		0.135	0.0126			0.1137
1,397	Pusad	Yavatmal		0.1579		0.0327		0.0115
1,398	Lonbhel	Yavatmal	0.0664			0.2796	0.0334	
1,399	Sawali_Pz	Yavatmal		0.1483				
1,400	Marwadi Khurd	Yavatmal		0.1394		0.1108		0.0117
1,401	Ghatodi	Yavatmal		0.0346		0.1486		0.0471
1,402	Pahapal	Yavatmal		0.0801		0.148		0.0506
1,403	Parwa	Yavatmal	0.0354			0.0266	0.0126	
1,404	Patan_Pz	Yavatmal		0.0807		0.133	0.0272	
1,405	Mukutban_Pz	Yavatmal		0.1302				0.3647
1,406	Harsi	Yavatmal		0.2638		0.3177		0.1151
1,407	Kurli_Pz	Yavatmal		0.0813		0.3761		0.2417

Annexure-XX

Ground Water Quality Data of Ground Water Monitoring Wells in Maharashtra and Union Territory of Dadra and Nagar Haveli (May 2018)

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm							Mg/L							
1	Ahmednagar	Kokangaon	G/AH-001	7.9	917	482	372	45	62	57	0.61	0	470	53	12	25	0.93	0.40	-2.09
2	Ahmednagar	Bote	G/AH-004	7.7	1264	670	505	78	74	52	1.15	0	476	93	76	39	0.46	0.37	-1.36
3	Ahmednagar	Rajur	G/AH-006	7.9	695	368	311	41	50	19	0.62	0	309	29	34	4	0.09	0.15	-2.30
4	Ahmednagar	Rahuri	G/AH-010	8	3669	1949	1566	96	316	112	1.57	0	1737	177	135	40	0.61	0.46	0.73
5	Ahmednagar	Sangamner	G/AH-013	8.1	1696	898	689	51	134	86	0.96	0	732	130	65	41	0.79	0.49	-2.48
6	Ahmednagar	Ambikhalsa	G/AH-016	8	883	469	316	27	60	35	0.82	0	369	38	29	29	0.72	0.29	-0.69
7	Ahmednagar	Rahata	G/AH-025	7.9	1959	1566	724	82	124	105	1.28	0	613	239	85	36	0.72	0.61	-4.04
8	Ahmednagar	Dehre	G/AH-033	7.9	1357	720	505	47	92	86	1.11	0	529	148	46	29	0.22	0.61	-0.76
9	Ahmednagar	Jeur	G/AH-036	7.9	1579	836	566	65	96	82	9.18	0	666	158	32	40	0.38	0.55	0.47
10	Ahmednagar	Jakhangaon	G/AH-037	7.9	2978	1579	1188	127	208	118	2.12	0	1207	259	88	41	0.67	0.58	-0.07
11	Ahmednagar	Babhuleshwar	G/AH-039	8	709	376	260	49	33	47	0.67	0	315	43	45	31	0.25	0.49	0.73
12	Ahmednagar	Supe	G/AH-040	8.1	1856	984	617	82	98	85	1.27	0	613	133	55	41	1.21	0.53	-2.24
13	Ahmednagar	Dahigaon	G/AH-041	7.8	3574	1891	1459	206	225	105	9.33	0	1124	356	99	40	0.33	0.50	-2.52
14	Ahmednagar	Rakshi	G/AH-042	7.9	1062	563	454	104	46	31	2.13	0	416	108	42	40	0.45	0.26	-0.04
15	Ahmednagar	Devlali	G/AH-045	7.9	2353	1245	775	74	141	115	20.13	0	732	254	57	40	0.20	0.56	-7.97
16	Ahmednagar	Malharwadi	G/AH-046	7.9	2346	1244	989	82	187	118	0.87	0	839	309	73	41	0.30	0.60	-4.31
17	Ahmednagar	Bambori	G/AH-047	8	537	284	209	43	24	27	0.52	0	250	26	26	24	0.08	0.28	-0.46
18	Ahmednagar	Sonai	G/AH-048	8.1	459	244	199	49	18	23	0.61	0	244	16	8	8	0.08	0.27	0.56
19	Ahmednagar	Shirasgaon	G/AH-051	7.7	1166	616	449	94	51	65	1.13	0	464	118	49	37	0.19	0.50	-0.37
20	Ahmednagar	Chandanapuri	G/AH-056	7.7	1144	607	444	61	69	69	0.95	0	523	98	50	40	0.08	0.47	-1.71
21	Ahmednagar	Bhitkewadi	G/AH-057	7.9	767	405	316	65	36	56	0.38	0	369	56	48	39	0.34	0.48	-0.32
22	Ahmednagar	Pategaon	G/AH-060	7.6	1257	671	454	35	87	74	30.92	0	613	110	18	29	0.53	0.51	0.09
23	Ahmednagar	Kolwadi	G/AH-062	7.8	905	478	367	69	46	42	1.97	0	357	63	53	36	1.01	0.29	-3.87
24	Ahmednagar	Tambhol	G/AH-063	8	306	162	148	37	13	18	0.9	0	167	21	29	8	0.02	0.08	-22.65
25	Ahmednagar	Vadegaon Madhe	G/AH-064	7.7	1982	1048	719	78	125	112	1.3	0	648	242	44	40	0.15	0.56	-8.14
26	Ahmednagar	Takli-Dhogeswar-1	G/AH-084A	7.9	668	355	224	37	32	41	0.62	0	315	26	18	6	0.76	0.41	0.53
27	Ahmednagar	Kokona-1	G/AH-085A	7.8	902	477	306	51	43	91	0.91	0	369	61	49	35	0.08	0.56	-6.33
28	Ahmednagar	Chichondi Patil	G/AH-086	7.9	1199	636	403	55	63	98	1.15	0	446	143	52	14	0.21	0.66	-2.99
29	Ahmednagar	Ghodegaon-1	G/AH-087	8.1	456	241	179	35	22	21	0.35	0	190	21	27	5	0.26	0.14	-7.86
30	Ahmednagar	Loni-Pravara Nagar	G/AH-088	7.7	1074	570	418	84	50	56	1.18	0	488	91	33	33	0.12	0.46	1.04
31	Ahmednagar	Khosepuri-1	G/AH-089	7.9	745	394	301	49	43	49	0.62	0	375	71	15	21	0.47	0.46	0.81
32	Ahmednagar	Jamkhed-1	G/AH-092	7.8	2054	1095	826	61	160	84	6.75	0	833	225	86	40	0.40	0.47	-1.59
33	Ahmednagar	Khokar	G/AH-102	7.5	2010	1153	821	168	96	85	2.51	0	607	302	67	41	0.09	0.57	-0.51
34	Ahmednagar	Taklibhan-1	G/AH-103	7.9	645	342	260	53	30	20	0.38	0	238	29	26	27	0.08	0.25	0.89
35	Ahmednagar	Nevasa Bk	G/AH-104	8.1	559	295	240	51	27	39	0.62	0	250	43	25	4	0.01	0.42	0.06
36	Ahmednagar	Shani Shingnapur	G/AH-109	8	3073	1626	816	39	171	341	1.38	0	1243	197	79	39	0.47	1.79	3.21

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
37	Ahmednagar	Banpimpri	K/AH-005	7.6	3322	1764	984	76	190	315	35.94	0	1047	431	93	40	0.40	1.37	-7.83
38	Ahmednagar	Shrigonda	K/AH-008	7.7	1853	981	831	92	143	61	3	0	720	207	49	35	0.18	0.32	-5.10
39	Ahmednagar	Rassin	K/AH-009	7.7	1415	750	551	67	91	56	25.61	0	422	212	29	40	0.06	0.36	-4.56
40	Ahmednagar	Chas	K/AH-017	8.4	682	361	260	55	29	45	0.31	17.55	214	58	44	30	0.25	0.20	-19.93
41	Ahmednagar	Walvad	K/AH-022	7.7	3649	1935	1005	119	169	357	11.13	0	1094	577	71	40	2.07	1.87	0.77
42	Ahmednagar	Chikhale	K/AH-023	7.5	6379	3379	2423	486	288	364	12.14	0	2314	741	78	41	0.24	1.51	10.34
43	Ahmednagar	Takle-Kazi	K/AH-024	7.7	1738	921	678	170	61	56	3.81	0	708	148	48	40	0.25	0.33	-1.87
44	Ahmednagar	Ghogargaon-1	K/AH-090	8.1	438	232	158	41	13	31	4.97	0	190	34	8	17	0.36	0.30	-2.06
45	Ahmednagar	Arangaon-3	K/AH-091	8	2789	1478	760	178	75	259	9.01	0	1017	244	160	40	1.41	1.95	8.33
46	Ahmednagar	Baradgaon Sudrik	K/AH-098	7.9	3172	1682	1239	102	235	195	11.17	0	1029	458	76	40	1.11	0.82	-9.98
47	Ahmednagar	Wadarwadi	K/AH-099	8	1877	994	632	184	41	158	4.12	0	672	182	60	38	0.39	1.22	3.03
48	Ahmednagar	Shahpur	K/AH-100	8.1	681	361	230	57	21	46	0.92	0	309	41	13	28	1.02	0.49	0.92
49	Ahmednagar	Ghargaoon	K/AH-107	8.2	755	400	260	37	40	52	0.58	0	375	21	35	21	1.56	0.46	-0.01
50	Ahmednagar	Ralegaon Siddhi	K/AH-114	8.3	387	205	163	41	15	19	0.27	11.7	161	16	22	8	0.50	0.20	-1.34
51	Ahmednagar	Bhanas Hivre	G/AH-105	8.1	603	319	250	51	29	22	0.63	0	274	21	3	37	1.27	0.23	0.04
52	Ahmednagar	Kalsubai	G/AH-112	8.1	120	63	77	10	12	6	1.21	0	83	6	0	7	0.01	0.07	-2.59
53	Ahmednagar	Bhandardara	G/AH-115	8	239	127	112	37	5	12	0.61	0	113	4	27	16	0.01	0.14	-1.81
54	Ahmednagar	Karanji	G/AH-110	7.9	865	458	352	61	47	39	0.97	0	434	16	26	40	0.08	0.32	0.16
55	Ahmednagar	Vadala Bhairoba	G/AH-002	7.9	2019	1079	811	188	81	117	19.41	0	1029	43	53	40	0.07	0.78	6.08
56	Ahmednagar	Ghotan	G/AH-003	8	1184	627	469	102	51	64	1.66	0	357	212	35	41	0.20	0.53	-1.00
57	Akola	Pinjar	G/AK-016	7.8	720	382	291	80	22	35	0.91	0	369	38	28	12	0.87	0.35	1.39
58	Akola	Wyala	G/AK-017	7.5	6469	3396	2300	433	290	348	31.67	0	1796	808	750	38	0.52	1.45	2.07
59	Akola	Chani	G/AK-018	7.5	878	465	352	65	45	49	1.35	0	375	51	24	35	0.80	0.42	-0.41
60	Akola	Sasti	G/AK-056	7.6	1254	664	418	78	53	65	0.85	0	529	103	2	37	1.01	0.52	1.22
61	Akola	Murtizapur	T/AK-002	7.8	2212	1171	775	170	84	75	1.54	0	732	257	29	37	0.94	0.53	2.44
62	Akola	Patur	T/AK-005	7.7	998	529	423	82	52	27	0.64	0	369	61	20	36	0.75	0.20	-2.44
63	Akola	Patsul	T/AK-008	7.8	2945	1560	780	43	160	265	4.86	0	1195	175	72	37	0.79	1.41	2.93
64	Akola	Borgaon Manju	T/AK-013	7.8	2106	1116	775	151	95	117	11.64	0	785	321	29	16	0.55	0.75	1.50
65	Akola	Akola	T/AK-023	7.7	4625	2448	1392	92	277	295	1.44	0	1481	584	176	37	0.88	1.26	-1.69
66	Akola	Popetkheda	T/AK-040	7.8	660	350	219	49	23	30	0.4	0	297	11	0	17	1.42	0.32	0.63
67	Akola	Mahan-1	T/AK-048	7.7	569	301	214	57	17	28	0.32	0	285	19	0	20	0.79	0.31	0.83
68	Akola	Panaj	T/AK-051	7.7	909	483	301	63	34	50	0.63	0	422	38	13	36	0.64	0.36	-2.00
69	Akola	Donad	T/AK-052	7.1	891	472	352	41	60	54	0.64	0	410	41	18	41	1.13	0.40	-2.05
70	Akola	Hatola	T/AK-053	7.1	836	443	347	59	47	31	0.81	0	369	36	15	41	0.85	0.23	-2.65
71	Akola	Ambashi	T/AK-054	7.5	711	377	321	65	38	36	0.44	0	404	31	20	34	1.23	0.33	1.08
72	Akola	Alegaon	T/AK-055	7.5	521	276	250	61	23	16	0.3	0	291	14	1	6	0.78	0.15	-0.39
73	Amravati	Warud	G/AV/-04	7.5	1112	589	469	82	63	49	7.64	0	547	56	52	41	0.80	0.34	-0.92
74	Amravati	Shendurjana Khurd	G/AV/-06	7.5	682	361	265	53	32	36	1.08	0	303	21	18	42	0.98	0.31	-1.40
75	Amravati	Pohra	G/AV/-16	7.7	1231	642	556	57	98	41	1.99	0	607	83	21	39	0.59	0.26	-1.93

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
76	Amravati	Kurha	G/AV-018	7.8	990	525	418	69	58	37	1.59	0	422	83	33	36	0.72	0.29	-1.04
77	Amravati	Chandur Railway	G/AV-020	7.9	1274	675	520	57	90	83	8.11	0	607	73	27	42	0.94	0.47	-4.70
78	Amravati	Nandgaon peth	G/AV-029	7.8	928	492	403	61	60	36	3.17	0	464	78	18	22	0.61	0.26	-1.38
79	Amravati	Teosa	G/AV-030	7.8	698	370	342	53	50	29	0.84	0	345	38	24	21	0.61	0.27	0.13
80	Amravati	Devgaon	G/AV-031	7.7	800	424	321	84	27	32	0.63	0	357	36	29	14	0.91	0.33	1.40
81	Amravati	Chicholi	G/AV-040	7.7	1727	915	622	69	107	82	9.67	0	708	145	55	42	1.15	0.49	-1.48
82	Amravati	Ashtagaon	G/AV-042	7.6	1515	803	576	72	95	52	8	0	702	96	29	41	1.08	0.34	0.34
83	Amravati	Saiwada	G/AV-043	8	1131	600	520	63	86	48	1.11	0	613	58	33	42	1.08	0.34	0.39
84	Amravati	Pimpri	G/AV-044	7.5	852	449	383	47	63	39	23.27	0	428	76	33	37	1.71	0.29	-1.34
85	Amravati	Pala	G/AV-053	7.9	1517	805	622	49	119	95	6.7	0	648	103	48	41	0.83	0.60	-1.32
86	Amravati	Hiwarkheda	G/AV-057	7.2	1565	827	627	123	77	65	1.09	0	767	128	12	36	0.68	0.45	2.91
87	Amravati	Loni	G/AV-061	7.4	1408	745	520	78	78	83	0.47	0	666	88	15	36	0.69	0.60	1.97
88	Amravati	Anjansingi	G/AV-063	7.6	1475	783	479	96	57	88	61.38	0	714	83	38	36	0.48	0.69	3.94
89	Amravati	Sirasgaon (Kasba)	G/AV-066	7.5	482	256	163	49	10	22	0.91	0	190	19	5	16	0.52	0.25	-0.54
90	Amravati	Dapori1	G/AV-097	7.6	1253	664	434	65	64	71	0.37	0	529	81	13	36	0.75	0.54	0.42
91	Amravati	Temburkheda1	G/AV-098	7.5	1237	656	413	94	43	75	0.63	0	488	88	36	36	0.78	0.48	-3.56
92	Amravati	Gadegaon1	G/AV-099	7.6	1034	584	357	76	40	84	0.6	0	583	46	26	35	0.52	0.61	0.64
93	Amravati	Shivni1	G/AV-104	7.7	1306	692	454	76	63	87	6.2	0	607	91	18	36	0.61	0.72	3.01
94	Amravati	Moorshi new	G/AV-105	7.4	754	399	275	63	28	33	1.19	0	315	46	16	6	0.88	0.34	0.72
95	Amravati	Nandgaon Khandeshwar	G/AV-124	7.7	2531	1341	964	145	143	117	2.55	0	969	259	17	37	0.48	0.67	1.54
96	Amravati	Belteki	G/AV-125	7.4	835	442	357	82	36	37	0.49	0	434	34	13	36	0.56	0.31	0.55
97	Amravati	Amner_old	G/AV-131	8	905	479	383	29	74	50	1.15	0	529	38	26	6	0.57	0.39	0.84
98	Amravati	Chandas	G/AV-132	7.7	965	512	388	45	66	52	2.68	0	452	91	10	15	0.77	0.42	0.07
99	Amravati	Dhanodi	G/AV-133	7.7	930	491	398	86	44	57	1.53	0	428	108	23	36	0.58	0.49	0.56
100	Amravati	Jamgaon	G/AV-150	7.6	834	442	321	67	36	49	0.7	0	434	46	22	29	0.70	0.50	2.59
101	Amravati	Umerkhed	G/AV-151	7.9	843	446	311	51	44	69	3.17	0	440	43	27	29	0.81	0.62	1.27
102	Amravati	Ghatlarki	G/AV-152	7.9	571	303	199	63	10	53	3.19	0	256	41	5	26	0.75	0.64	0.94
103	Amravati	Chandur Bazar	T/AV-008	7.7	1211	642	474	43	87	76	0.39	0	613	51	50	15	0.74	0.54	0.70
104	Amravati	Silona	T/AV-012	7.7	426	225	204	67	9	15	0.36	0	190	24	11	24	0.63	0.20	0.38
105	Amravati	Adhao	T/AV-025	7.3	377	201	153	51	6	12	0.25	0	202	9	5	1	0.56	0.15	0.16
106	Amravati	Belora	T/AV-027	7.7	640	339	265	61	27	22	0.66	0	256	43	21	35	0.72	0.21	-0.76
107	Amravati	Chunkhedi	T/AV-034	7.3	456	242	214	57	17	13	0.41	0	232	16	11	0	0.42	0.12	-2.19
108	Amravati	Behali	T/AV-035	7.5	553	293	255	59	26	16	0.6	0	285	21	6	17	0.45	0.15	-0.48
109	Amravati	Rithpur	T/AV-036	7.4	2222	1183	821	161	100	176	3.21	0	910	232	45	37	1.13	1.18	4.47
110	Amravati	Bhokarbardi	T/AV-039	7.5	1369	725	571	112	69	32	1.25	0	494	115	57	36	0.61	0.24	-0.47
111	Amravati	Kolkaz	T/AV-069	7.4	278	147	112	35	6	10	0.45	0	137	9	1	1	0.39	0.11	-1.73
112	Amravati	Lawada	T/AV-070	7.5	468	248	153	43	11	15	0.92	0	131	36	13	18	0.49	0.16	-2.02
113	Amravati	Badnera	T/AV-072	7.7	991	526	352	51	53	71	0.32	0	476	56	25	36	0.97	0.57	0.44
114	Amravati	Wadgaon (Fattepur)	T/AV-073	7.7	1224	648	520	72	81	42	0.92	0	553	101	22	36	0.51	0.28	-1.82

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
115	Amravati	Wishroli1	T/AV-096	7.7	458	242	179	35	22	19	0.37	0	226	14	17	4	1.14	0.20	-0.65
116	Amravati	Nimbhari	T/AV-100	7.8	3248	1721	995	39	214	215	2.75	0	1219	210	63	37	1.45	1.04	-0.06
117	Amravati	Jutpani	T/AV-115	7.6	653	346	270	57	30	17	0.54	0	256	51	23	36	0.58	0.15	-2.08
118	Amravati	Dilalpur	T/AV-134	7.7	997	528	372	31	70	71	0.46	0	523	46	20	31	0.64	0.54	0.43
119	Amravati	Brahmanwada (Thadi)	T/AV-135	7.8	675	357	250	47	32	43	0.37	0	369	29	19	16	0.54	0.40	0.69
120	Amravati	Kharapi	T/AV-136	7.6	655	347	275	49	36	27	0.31	0	327	16	16	19	0.61	0.24	-0.70
121	Amravati	Dhulghat Road	T/AV-137	7.8	902	477	352	43	58	67	1.12	0	494	38	11	32	0.81	0.55	1.05
122	Amravati	Kalamkhar	T/AV-138	7.7	962	510	357	41	61	68	1.15	0	488	61	41	2	0.55	0.57	1.36
123	Amravati	Lontek-1	T/AV-140	8.1	1031	547	403	53	64	82	0.74	0	541	88	16	36	1.43	0.66	1.63
124	Amravati	Mozari	T/AV-141	8.1	832	440	316	55	43	60	0.49	0	488	36	4	32	0.85	0.46	-0.10
125	Amravati	Amravati_Gopalnagar	T/AV-142	7.9	848	449	321	92	22	53	0.5	0	404	56	21	35	0.61	0.63	3.30
126	Amravati	Amravati_University	T/AV-143	8.1	491	260	214	61	15	15	0.27	0	280	21	1	8	0.66	0.21	2.06
127	Amravati	Amravati_GEC	T/AV-144	8.1	1149	609	520	45	97	24	1	0	500	71	13	6	1.46	0.16	-2.06
128	Amravati	Amravati_RH	T/AV-145	8	544	288	219	57	18	18	1.2	0	280	21	5	2	0.59	0.21	0.94
129	Amravati	Amravati_Wadali-naka	T/AV-146	7.9	808	428	352	69	43	33	1.65	0	404	41	11	2	0.71	0.30	0.88
130	Amravati	Khadkali	T/AV-147	8.2	630	334	301	65	33	16	0.75	0	321	19	4	20	0.62	0.16	0.73
131	Amravati	Paratwada-1	T/AV-148	7.9	1150	609	454	59	73	60	0.46	0	464	88	9	36	0.42	0.45	-0.74
132	Amravati	Karajgaon-1	T/AV-149	8	982	520	403	84	46	50	0.85	0	500	63	0	36	0.57	0.40	0.92
133	Amravati	chikhaldara	T/AV-153	7.9	482	255	179	51	12	38	0.46	0	220	34	12	32	0.35	0.40	-0.76
134	Amravati	Dharni	T/AV-157	8.1	678	361	214	49	22	48	0.62	0	321	16	0	23	1.09	0.47	0.30
135	Amravati	Dhamni	T/AV-158	8	517	273	214	76	6	31	0.37	0	333	11	7	18	0.69	0.42	2.92
136	Amravati	Khargavhan	T/AV-159	8.3	3710	1969	1076	47	228	256	1.02	0	1166	324	50	37	1.72	1.14	-4.69
137	Amravati	Khandukheda	T/AV-162	7.7	368	195	163	55	6	10	0.41	0	202	9	2	3	0.53	0.14	0.77
138	Amravati	Jarida	T/AV-163	8	415	220	158	61	1	32	0.53	0	238	9	2	1	0.58	0.27	-2.83
139	Amravati	Tondgaon	T/AV-164	8.2	685	363	245	45	32	46	0.67	0	357	29	5	12	0.64	0.32	-4.20
140	Amravati	Ashti	T/AV-123	8.2	2051	1088	729	33	154	112	0.74	0	862	187	8	3	0.99	0.59	-3.05
141	Amravati	Walgaon	T/AV-005	8.5	1513	802	587	39	117	95	1.55	35.1	732	56	9	3	0.97	0.59	0.91
142	Amravati	Khed	G/AV-156	7.8	2154	1147	775	92	130	112	10.12	0	803	163	36	37	0.77	0.62	-2.33
143	Amravati	Wadner gangai	T/AV-102	8.3	1668	882	581	31	120	96	0.93	23.4	755	76	5	24	1.98	0.55	-1.33
144	Amravati	Khanapur	G/AV-041	8.1	510	270	158	27	22	79	0.62	0	268	56	36	0.1	2.25	0.61	-3.64
145	Amravati	Yevda	T/AV-139	7.7	1832	969	653	45	129	113	0.89	0	886	41	18	35	0.62	0.63	-0.87
146	Amravati	Samda Kasmpur	T/AV-121	7.8	1669	886	602	43	118	95	0.62	0	577	145	36	37	0.92	0.56	-4.32
147	Amravati	Bhatkuli-1	T/AV-154	7.9	1605	848	617	45	120	99	0.94	0	684	123	29	34	1.04	0.58	-2.67
148	Amravati	Shignapur	T/AV-166	8.1	1368	726	469	37	90	110	0.65	0	648	101	2	12	0.83	0.73	-0.04
149	Amravati	Wadala Fatehpur	G/AV-165	7.6	875	726	352	47	56	23	0.32	0	232	105	23	35	0.69	0.16	-5.80
150	Aurangabad	Patri	G/AU-002	7.7	1456	773	490	69	75	66	20.88	0	589	123	31	43	0.46	0.47	0.49
151	Aurangabad	Rotegaon	G/AU-006	7.8	841	445	321	67	36	36	1.29	0	428	38	25	10	0.45	0.34	1.67
152	Aurangabad	Tunki	G/AU-016	7.8	7976	4242	2178	63	481	456	5.29	0	1499	1200	130	44	0.66	1.54	-16.87
153	Aurangabad	Walur Tanda	G/AU-018	8	1256	665	423	41	77	93	1.43	0	601	63	19	42	0.79	0.46	-9.82

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
154	Aurangabad	Kinnal	G/AU-030	7.8	1224	649	439	100	45	76	2.53	0	583	83	41	32	0.56	0.68	3.61
155	Aurangabad	Khuldabad	G/AU-045	8.1	926	490	321	41	52	65	1.09	0	375	58	12	40	0.54	0.48	-2.54
156	Aurangabad	Devgaon-1	G/AU-046	7.5	1622	860	643	133	74	71	1.06	0	767	123	30	42	0.36	0.49	2.70
157	Aurangabad	Gangapur-3	G/AU-047	7.9	1669	884	643	149	64	96	1.24	0	607	153	80	36	0.24	0.73	1.79
158	Aurangabad	Garaj	G/AU-050	7.9	1300	689	485	90	62	68	1.36	0	434	130	26	42	0.42	0.52	-0.84
159	Aurangabad	Vaijapur	G/AU-051	8	803	425	301	53	40	64	0.78	0	333	63	17	26	0.71	0.53	-1.51
160	Aurangabad	Hasta	G/AU-052	7.9	1009	534	418	96	43	28	0.61	0	500	48	19	41	0.59	0.21	-0.31
161	Aurangabad	Taherpur	G/AU-053	7.9	3777	2000	1438	92	288	215	1.61	0	1671	254	60	42	0.75	0.88	-0.59
162	Aurangabad	Shendra	G/AU-055	7.9	2434	1290	755	125	106	200	1.66	0	660	388	37	43	0.77	1.35	0.39
163	Aurangabad	Waghalgaon	G/AU-058	7.9	1281	678	510	96	64	54	1.08	0	547	61	25	42	0.59	0.41	0.91
164	Aurangabad	Dahegaon Bangla	G/AU-059	7.9	885	469	301	82	23	44	1	0	363	46	20	42	0.54	0.44	1.19
165	Aurangabad	Golegaon Budruk	G/AU-060	7.9	1969	1039	745	80	130	90	1.99	0	583	249	44	42	0.41	0.48	-6.96
166	Aurangabad	Abad PES polytec	G/AU-061	8	805	427	311	65	35	65	2	0	369	63	22	32	0.35	0.64	1.10
167	Aurangabad	Abad Police HQ	G/AU-062	7.5	1241	658	434	100	44	90	2.68	0	482	93	37	42	0.41	0.73	0.62
168	Aurangabad	Abad PWD RH	G/AU-063	7.4	736	390	240	59	22	62	5.38	0	303	51	26	5	0.39	0.63	0.42
169	Aurangabad	Pachud-1	G/AU-065	7.8	883	468	301	47	44	52	1.22	0	369	48	42	42	0.44	0.49	0.71
170	Aurangabad	Paithan-1	T/AU-066	8.1	922	488	439	37	83	36	0.66	0	488	63	33	7	0.51	0.23	-3.29
171	Aurangabad	Bharadi	T/AU-067	7.4	2157	1142	745	268	18	102	1.08	0	767	177	34	43	0.51	1.18	9.03
172	Aurangabad	Aalandh	G/AU-068	7.5	791	420	214	45	24	62	3.22	0	309	46	15	42	0.71	0.66	0.93
173	Aurangabad	Sillod-3	G/AU-070	7.4	1562	827	627	88	97	59	0.74	0	648	133	43	41	0.52	0.39	-0.13
174	Aurangabad	Panchakki-Aurangabad City	G/AU-072	7.6	1115	592	418	76	55	70	1.94	0	464	71	29	42	0.41	0.54	-0.26
175	Aurangabad	Ghusneshwar temple	G/AU-074	7.7	1602	848	627	57	115	95	1.71	0	660	143	18	42	0.65	0.57	-2.25
176	Aurangabad	Ajanta	T/AU-004	7.9	1760	934	622	57	114	92	63.08	0	845	155	32	42	0.32	0.56	1.08
177	Aurangabad	Jangla Tanda-1	T/AU-64	8.1	1772	937	694	74	122	93	36.7	0	648	202	29	13	0.68	0.55	-3.15
178	Aurangabad	Fardapur-1	G/AU-069	7.4	1132	600	439	100	45	63	1.36	0	458	88	18	42	0.42	0.46	-1.50
179	Aurangabad	Soyegaon-1	G/AU-071	7.4	1204	637	515	86	72	56	3.66	0	547	78	21	42	0.57	0.42	0.72
180	Aurangabad	Chauka	G/AU-024	7.6	770	409	265	35	43	36	2.08	0	327	36	18	7	0.62	0.26	-3.54
181	Beed	Ambejogai	G/BD-003	8	418	221	184	55	11	18	8.28	0	149	53	31	8	0.18	0.24	-0.20
182	Beed	Umapur	G/BD-006	7.9	663	351	270	57	30	23	0.67	0	303	26	0	40	1.25	0.17	-3.44
183	Beed	Kumbhephal	G/BD-010	7.4	1317	698	607	117	75	33	6.12	0	613	105	46	40	0.13	0.24	0.78
184	Beed	Kanerwadi	G/BD-014	7.9	471	249	163	41	15	22	2.62	0	190	24	18	6	0.22	0.23	-1.34
185	Beed	Manur	G/BD-016	8.1	1198	635	454	74	64	86	1.19	0	589	86	50	41	1.19	0.68	2.11
186	Beed	Pithi	G/BD-017	8.1	967	512	367	55	55	72	0.97	0	464	86	38	36	2.25	0.57	0.04
187	Beed	Pimpalwandi	G/BD-018	8.5	538	285	209	35	29	38	0.68	17.55	220	43	22	14	0.60	0.39	-0.25
188	Beed	Telgaon	G/BD-021	8.2	860	455	296	90	17	62	0.32	0	357	96	36	5	1.21	0.75	2.61
189	Beed	Daskhed	G/BD-022	7.8	523	277	240	41	33	13	0.61	0	244	31	0	39	0.20	0.11	-2.99
190	Beed	Doithana	G/BD-023	8.1	1109	588	454	43	83	80	0.77	0	529	78	32	40	1.51	0.57	-0.78
191	Beed	Mauj	G/BD-024	8	825	437	306	55	40	55	1.18	0	375	61	33	40	1.32	0.35	-5.32
192	Beed	Wadwani	G/BD-025	7.4	833	441	311	67	34	50	0.93	0	363	78	26	11	0.58	0.38	-2.46

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
193	Beed	Sirsala	G/BD-027	7.4	2369	1254	872	72	165	121	11.12	0	791	336	26	38	0.02	0.57	-8.29
194	Beed	Kolegaon	G/BD-030	7.9	809	429	321	67	36	38	0.82	0	434	29	16	41	0.77	0.32	0.44
195	Beed	Patoda	G/BD-032	7.5	1412	748	581	76	94	57	1.46	0	648	113	25	39	0.04	0.39	0.38
196	Beed	Parli	G/BD-034	7.8	1324	703	541	106	66	59	3.15	0	535	130	80	22	0.22	0.40	-1.42
197	Beed	Pali	G/BD-036	7.9	645	341	250	47	32	37	0.62	0	315	34	0.5	18	0.31	0.32	-1.00
198	Beed	Dharmapuri	G/BD-045	7.8	1288	684	500	108	55	17	17.33	0	494	110	2	16	0.08	0.11	-4.06
199	Beed	Manjar Sumbha-1	G/BD-063	8	406	215	173	35	21	21	0.71	0	190	14	31	10	0.35	0.18	-3.07
200	Beed	Sirur	G/BD-064	7.9	3452	1831	1693	119	333	10	10.48	0	1481	242	270	17	0.31	0.04	-6.19
201	Beed	Patrud-1	G/BD-065	7.8	882	467	352	61	47	42	1.18	0	434	38	13	39	1.51	0.33	-0.35
202	Beed	Saigaon-1	G/BD-066	7.8	870	461	332	65	40	47	2.67	0	363	78	18	40	0.12	0.37	-1.74
203	Beed	Dharur-1	G/BD-067	8	514	272	163	45	12	47	0.62	0	184	38	16	37	1.29	0.31	-8.18
204	Beed	Nandur Phata	G/BD-068	8.1	876	463	301	61	35	56	0.91	0	250	153	20	18	4.36	0.53	-1.15
205	Beed	Waguli	G/BD-069	8.1	698	370	265	41	39	38	0.72	0	315	26	16	38	1.03	0.33	-1.30
206	Beed	Kinhi	G/BD-070	8.2	427	226	153	37	15	29	0.42	0	190	16	22	3	0.37	0.33	-0.53
207	Beed	Jirewadi-1	G/BD-071	8	2699	1429	928	86	170	190	20.74	0	1035	304	120	39	0.07	0.99	-0.51
208	Beed	Waghluj	G/BD-072	8	721	382	301	53	40	39	0.91	0	369	41	17	17	0.63	0.31	-1.64
209	Beed	Sheri Bk	G/BD-073	8.1	2247	1191	745	164	80	195	1.8	0	1023	165	162	40	0.07	1.42	7.82
210	Beed	Georai-1	G/BD-074	8	1631	863	622	112	81	98	1.16	0	726	145	51	39	1.26	0.76	4.07
211	Beed	Tintarvani-1	G/BD-075	8.1	2380	1262	826	153	106	121	5.16	0	743	299	72	39	0.34	0.76	0.22
212	Beed	Anandgaon	G/BD-076	8.2	795	421	260	74	18	51	0.85	0	315	46	40	36	0.28	0.57	1.32
213	Beed	Dongar Kini-1	G/BD-077	8.1	664	352	265	51	33	39	0.62	0	315	41	45	16	0.21	0.37	-0.08
214	Beed	Dindrur-1	G/BD-079	8.2	1532	811	469	96	55	112	2.45	0	589	113	82	36	2.28	0.94	2.91
215	Beed	Gaundara	G/BD-080	8.1	826	438	291	72	27	62	0.92	0	369	53	23	38	0.10	0.59	0.78
216	Beed	Ghosapuri	G/BD-081	7.9	1747	925	796	153	98	45	3.08	0	672	247	41	40	0.37	0.29	-0.35
217	Beed	Nagjhera	G/BD-082	7.9	1388	736	530	90	73	69	13.33	0	553	158	54	8	0.33	0.52	0.82
218	Beed	Kapildhar	G/BD-083	8.2	666	352	224	61	17	62	0.85	0	297	41	40	4	0.14	0.71	1.23
219	Beed	Naygaon	G/BD-084	7.7	1298	687	469	72	69	93	1.16	0	595	103	31	33	0.22	0.71	1.70
220	Beed	Lokhandi Sawargaon-1	G/BD-085	7.9	658	344	250	88	7	51	0.68	0	309	43	19	39	0.16	0.64	2.02
221	Beed	Khadkhat	G/BD-004	7.8	3122	1661	1239	204	174	124	57.91	0	1106	460	59	40	0.86	0.67	1.69
222	Beed	Dhanora-1	K/BD-078	8.1	777	411	296	47	43	62	6.81	0	369	48	45	11	0.87	0.52	-0.72
223	Beed	Sautada	G/BD-086	7.9	622	330	265	65	24	22	3.17	0	315	26	14	24	0.30	0.27	2.04
224	Bhandara	Sakoli	G/BH-002	7.7	747	396	240	49	28	26	1.15	0	220	96	6	8	0.47	0.26	-1.04
225	Bhandara	Tumsar Khapa	G/BH-003	7.5	1519	804	367	69	46	75.34	1.03	0	357	103	47	44	0.55	0.73	0.82
226	Bhandara	Jamb	G/BH-007	7.5	2053	1088	444	88	53	91.31	7.14	0	547	101	53	46	0.38	0.78	2.43
227	Bhandara	Palari	G/BH-008	7	1234	654	311	47	46	40.57	1.49	0	291	51	58	45	0.25	0.33	-2.29
228	Bhandara	Daodipar Khapa	G/BH-009	7.4	237	125	107	22	12	69.4	1.83	0	155	51	53	41	1.38	0.87	-0.51
229	Bhandara	Ekodi	G/BH-012	7.2	1158	593	413	65	60	17.36	1.98	0	369	68	7	11	0.26	0.13	-2.02
230	Bhandara	Sihora	G/BH-013	7.4	2432	1290	352	47	56	36.11	5.71	0	285	101	43	44	0.53	0.28	-3.08
231	Bhandara	Chicholi	G/BH-015	7.3	994	525	255	51	30	145.84	5.89	0	398	76	65	46	0.36	0.98	-3.92

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
232	Bhandara	Madgi	G/BH-017	7.3	718	381	214	45	24	36.36	55.18	0	238	96	39	25	0.74	0.34	-1.67
233	Bhandara	Pauni	G/BH-020	7.7	1585	840	362	61	50	58.64	2.24	0	375	120	27	16	0.76	0.45	-2.04
234	Bhandara	Lakhandur	G/BH-021	7.4	1036	549	311	65	35	66.7	4.43	0	375	76	42	45	0.70	0.64	1.00
235	Bhandara	Palandur	G/BH-022	7.1	829	439	260	45	35	63.7	1.19	0	297	58	37	45	0.77	0.46	-4.35
236	Bhandara	Sakra	G/BH-025	7.5	995	527	301	45	45	29.42	43.05	0	303	115	21	23	0.43	0.22	-3.32
237	Bhandara	Dahegaon2	G/BH-026	7.7	952	505	245	47	30	61.71	12.05	0	285	96	34	5	0.37	0.61	-0.17
238	Bhandara	Ambadi	G/BH-032	7.7	925	490	347	49	53	30.19	3.77	0	268	76	40	41	0.68	0.24	-3.28
239	Bhandara	Shrinagar	G/BH-033	7.4	1781	944	240	43	32	94	4.6	0	357	66	41	45	1.94	0.93	1.00
240	Bhandara	Kawalewada	G/BH-035	7.6	584	309	214	65	12	20	8.8	0	178	46	34	31	0.58	0.23	-0.63
241	Bhandara	Pagora	G/BH-038	7.6	1017	539	168	22	27	154.9	0.67	0	369	101	40	15	2.21	1.15	-2.48
242	Bhandara	Masal	G/BH-039	7.6	645	345	230	47	27	37	10.47	0	220	36	42	41	0.49	0.34	-1.86
243	Bhandara	Murmadi	G/BH-040	7.2	1214	643	265	25	49	54	23.45	0	309	83	33	41	0.64	0.31	-9.23
244	Bhandara	Landejhari	G/BH-041	7.6	842	446	250	43	34	45	3.87	0	238	93	28	43	0.60	0.34	-4.20
245	Bhandara	Paunarkhairi	G/BH-042	7.7	910	481	250	65	21	49	4.86	0	285	91	34	3	3.26	0.46	-0.69
246	Buldhana	Sultanpur	G/BL-042	7.3	751	398	250	41	35	49	2.98	0	250	66	35	41	0.76	0.40	-3.09
247	Buldhana	Hatedi	G/BL-043	7.4	792	419	219	63	15	73	1.98	0	285	88	21	5	2.43	0.68	-0.70
248	Bhandara	Gobarwahi	G/BH-045	7.6	1517	804	408	63	60	173.14	3.19	0	541	165	44	11	1.30	1.33	0.81
249	Buldhana	Mehkar	G/BL-008	7.4	2264	1249	847	159	107	94	5.48	0	732	247	42	42	0.80	0.62	1.05
250	Buldhana	Deolgaon Raja	G/BL-009	7.8	674	358	260	72	19	41	0.32	0	327	43	12	31	1.11	0.37	-0.52
251	Buldhana	Padali	G/BL-012	8	874	462	367	82	39	37	2.23	0	309	81	24	20	0.87	0.31	-1.70
252	Buldhana	Sindkhed Raja	G/BL-014	7.7	495	263	214	45	24	20	0.62	0	226	24	19	16	0.68	0.15	-4.62
253	Buldhana	Mera Khurd	G/BL-024	7.9	1317	697	571	127	61	45	1.98	0	470	128	34	42	0.97	0.36	0.35
254	Buldhana	Dhad	G/BL-026	8.2	1825	974	648	92	100	74	0.85	0	726	163	28	42	1.39	0.47	0.22
255	Buldhana	Deolgaon Mahi	G/BL-031	7.9	959	506	357	47	57	52	1.65	0	375	98	26	7	0.92	0.33	-5.90
256	Buldhana	Kelwad	G/BL-041	7.9	1555	828	581	65	100	63	22.32	0	648	143	43	40	1.08	0.40	-1.04
257	Buldhana	Godhnapur	G/BL-082	7.9	890	470	388	45	66	53	0.97	0	434	91	13	41	1.12	0.37	-2.57
258	Buldhana	Nandri	G/BL-083	7.9	914	487	388	51	62	42	0.44	0	482	51	17	41	1.41	0.29	-2.20
259	Buldhana	Rohna	G/BL-087	8.1	1605	850	546	127	55	91	7.07	0	726	113	21	37	1.44	0.67	3.21
260	Buldhana	Loni	G/BL-091	8	528	280	204	65	10	31	9.68	0	285	48	5	7	0.98	0.28	-1.22
261	Buldhana	Shegaon	T/BL-005	8	4320	2282	2152	206	390	95	2.21	0	1243	810	158	41	1.10	0.35	-14.07
262	Buldhana	Motala	T/BL-010	8.1	1456	772	490	106	53	53	1.23	0	488	130	30	42	1.03	0.42	0.33
263	Buldhana	Amdapur	T/BL-013	8	1216	641	444	74	62	63	2.16	0	494	118	25	41	0.69	0.44	-1.60
264	Buldhana	Khamgaon	T/BL-015	8	1417	752	520	86	73	76	1.18	0	613	113	31	41	0.79	0.58	1.80
265	Buldhana	Dhamangaon	T/BL-027	7.9	1402	742	530	84	77	79	0.86	0	648	103	35	42	0.80	0.55	0.86
266	Buldhana	Tarvadi	T/BL-028	7.9	1364	725	536	63	90	45	2.16	0	583	110	34	41	0.88	0.30	-0.91
267	Buldhana	Pimpalgaon Raja	T/BL-033	7.9	723	383	275	43	40	49	1.08	0	309	38	22	30	0.88	0.39	-2.31
268	Buldhana	Rohinkhed	T/BL-044	8.1	1742	925	541	86	78	66	49.2	0	607	168	4	22	1.09	0.46	0.38
269	Buldhana	Jalgaonjamodnew	T/BL-055	7.7	1425	752	673	72	118	48	2.1	0	583	145	13	42	0.92	0.29	-3.41
270	Buldhana	Dighi	T/BL-059	7.7	2702	1434	1081	127	182	115	3.11	0	1118	272	59	42	0.86	0.60	1.08

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
271	Buldhana	Atali	T/BL-061	8	690	365	260	47	34	39	3.22	0	333	46	19	15	0.93	0.34	-0.91
272	Buldhana	Datala-1	T/BL-075	7.9	1149	609	352	69	43	96	2.35	0	410	150	35	7	1.10	0.80	-0.04
273	Buldhana	Nandura-1	T/BL-075A	7.9	2054	1086	729	147	86	112	4.73	0	720	274	23	28	0.86	0.69	-0.81
274	Buldhana	Warwat Bakhal-1	T/BL-077	7.7	1646	872	796	69	148	11	0.13	0	666	133	33	39	0.77	0.06	-5.46
275	Buldhana	Sungaon-1	T/BL-079	7.6	1108	586	505	86	69	19	0.12	0	529	73	22	39	0.64	0.15	0.94
276	Buldhana	Ubalkhed	T/BL-084	7.7	1126	597	495	100	58	14	0.18	0	494	58	48	39	0.90	0.10	-1.40
277	Buldhana	Janephal	T/BL-092	7.7	1570	530	699	84	117	4	0.24	0	577	120	16	38	0.48	0.02	-5.65
278	Chandrapur	Nagbhir	G/CH-002	7.2	1474	781	622	102	87	82	0.94	0	743	138	44	36	1.02	0.57	2.33
279	Chandrapur	Vyahad Khurd	G/CH-004	7.6	490	260	133	47	4	30	8.13	0	196	19	5	0.1	0.95	0.30	-1.47
280	Chandrapur	Chimur	G/CH-007	7.3	684	343	214	65	12	58	3.42	0	315	34	43	0	0.90	0.69	1.82
281	Chandrapur	Brahmapuri	G/CH-009	7.3	1320	700	520	92	69	64	1.11	0	488	128	21	35	0.75	0.42	-2.91
282	Chandrapur	Mul	G/CH-010	7.6	1295	685	479	45	87	77	2.7	0	476	113	37	37	0.76	0.55	-1.54
283	Chandrapur	Sawargaon	G/CH-012	7.4	1233	654	434	69	62	110	5.5	0	648	78	2	3	0.94	0.93	4.00
284	Chandrapur	Kawadsi	G/CH-013	7.9	1158	613	383	61	55	102	2.98	0	553	71	9	0	1.99	0.85	2.32
285	Chandrapur	Wirur	G/CH-014	7.6	1725	915	673	82	112	101	5.83	0	624	195	47	0	0.89	0.58	-4.17
286	Chandrapur	Sondo	G/CH-018	7.6	1635	869	321	63	39	203	14.81	0	589	133	39	43	1.38	1.43	0.13
287	Chandrapur	Tadali	G/CH-020	7.4	864	457	260	65	23	56	8.32	0	315	86	27	12	1.02	0.52	-0.30
288	Chandrapur	Chichpalli	G/CH-021	7.6	1541	816	255	45	34	263	5.99	0	749	88	18	9	4.00	2.55	7.24
289	Chandrapur	Mahurli	G/CH-023	7.6	801	424	209	72	7	36	59.59	0	315	46	33	41	0.73	0.58	3.34
290	Chandrapur	Nandegur	G/CH-025	7.7	663	351	189	65	6	20	28.38	0	256	24	16	19	1.59	0.23	0.63
291	Chandrapur	Dabha	G/CH-027	7.7	2041	1081	734	110	109	89	15.1	0	708	130	60	44	0.60	0.51	-2.60
292	Chandrapur	Rampur	G/CH-028	7.7	1597	847	500	84	69	95	10.39	0	553	133	37	43	0.79	0.68	-0.20
293	Chandrapur	Salori	G/CH-029	7.8	675	357	173	41	17	60	5.53	0	333	16	20	1	1.38	0.73	2.22
294	Chandrapur	Mendki	G/CH-030	7.7	1992	1057	581	94	83	91	5.03	0	732	43	46	38	1.44	0.64	2.54
295	Chandrapur	Rajoli Tukum	G/CH-031	7.8	2379	1259	796	110	124	197	8.52	0	761	364	52	6	1.12	1.18	-0.78
296	Chandrapur	Bhimni	G/CH-032	7.7	1013	537	469	53	80	60	1.95	0	488	66	31	36	2.47	0.47	0.17
297	Chandrapur	Ghugus	G/CH-033	7.8	1257	665	413	88	46	95	4.09	0	553	56	63	32	1.58	0.81	2.61
298	Chandrapur	Sawali	G/CH-034	8	1100	583	505	47	92	115	4	0	732	53	33	11	4.93	0.73	0.11
299	Chandrapur	Shegaon Khurd	G/CH-038	7.7	1537	814	530	104	64	58	62.4	0	583	135	47	43	1.42	0.42	0.58
300	Chandrapur	Wahangaon	G/CH-040	7.9	1759	933	551	43	106	205	6.26	0	928	81	85	38	2.84	1.26	2.73
301	Chandrapur	Niphandra	G/CH-042	7.6	238	126	102	31	6	8	3.47	0	119	6	7	1	0.71	0.10	-1.10
302	chandrapur	Jambhulghat	G/CH-048	7.8	1396	740	316	45	49	93	4.03	0	488	93	17	19	2.13	0.82	1.85
303	Chandrapur	Shankarpur	G/CH-049	7.4	1183	628	449	104	45	21	3.6	0	309	130	39	43	0.77	0.17	-2.10
304	Chandrapur	Mohadi Mokasa	G/CH-050	7.4	1971	1043	367	127	12	197	45.61	0	470	220	44	44	0.93	2.27	4.15
305	Chandrapur	Alesur	G/CH-061	7.7	1772	939	352	72	41	153	5.79	0	488	220	32	27	3.46	1.07	-1.63
306	Chandrapur	Sakhri	G/CH-062	7.8	738	391	173	45	15	96	2.77	0	416	31	10	7	3.47	0.92	1.65
307	Chandrapur	Navegaon-1	G/CH-068	8	762	405	173	25	27	91	0.51	0	327	11	25	33	3.65	0.92	0.71
308	Chandrapur	Rajura-1	G/CH-069	7.7	1022	541	367	61	51	48	4.76	0	476	66	36	8	2.44	0.46	2.68
309	Chandrapur	Gadchandur-1	G/CH-070	7.5	2118	1120	653	104	94	183	4.85	0	910	190	42	42	1.30	1.36	6.40

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
310	Chandrapur	Wansadi-1	G/CH-072	7.6	1007	534	316	72	33	85	6.27	0	529	36	34	27	2.20	0.85	3.94
311	Chandrapur	Tumdi Menda	G/CH-076	7.7	1140	566	367	37	66	63	4.57	0	488	73	9	7	2.21	0.50	0.45
312	Chandrapur	Warora-1	G/CH-078	7.7	1154	612	383	53	60	65	7.08	0	470	98	45	19	1.27	0.53	0.66
313	Chandrapur	Agarjhari	G/CH-079	7.4	617	326	184	61	7	15	31.21	0	226	21	20	16	0.61	0.26	2.19
314	Chandrapur	Padmapur-1	G/CH-080	7.2	373	198	133	25	17	16	2.94	0	95	26	22	39	0.38	0.19	-1.78
315	Chandrapur	Pombhurna	G/CH-081	8	1006	533	352	53	52	81	2.64	0	488	66	38	11	1.87	0.64	0.53
316	Chandrapur	Chandanvahi	G/CH-082	7.4	1356	719	372	86	38	84	47.6	0	529	96	40	39	0.78	0.91	4.66
317	Chandrapur	Awarpur	G/CH-083	7.5	1092	548	393	74	50	34	0.67	0	434	56	44	44	1.56	0.28	0.26
318	Chandrapur	Jivati	G/CH-086	7.5	1160	616	367	76	43	57	1.83	0	416	93	26	40	0.77	0.50	0.77
319	Chandrapur	Meha Bk	G/CH-088	7.2	923	488	367	51	57	21	18.98	0	309	93	15	25	1.07	0.17	-2.18
320	Chandrapur	Tambegadi Mendha	G/CH-089	7.8	960	510	434	43	78	32	1.82	0	410	71	31	26	1.13	0.26	-0.59
321	Chandrapur	Wandhali-1	G/CH-091	7.7	1863	988	454	69	67	195	1.98	0	868	71	94	13	3.16	1.52	6.49
322	Chandrapur	Anandwan	G/CH-092	7.6	862	455	332	51	49	67	1.5	0	398	48	32	7	2.08	0.69	2.12
323	Chandrapur	Aksapur	G/CH-017	7.6	2141	1136	724	125	98	212	2.16	0	940	254	51	44	3.26	1.43	4.96
324	Chandrapur	Chora	G/CH-041	7.7	1023	542	316	80	28	97	21.48	0	547	61	42	3	1.41	1.18	5.75
325	Chandrapur	Ralegaon-1	G/CH-090	8	897	476	408	49	68	30	1.26	0	511	9	36	27	4.14	0.24	1.25
326	DNH	Dudhani	C/DN-004	7.1	306	162	143	18	23	9.47	1.46	0	149	16	15	6	0.13	0.09	-2.32
327	DNH	Chinsda	C/DN-005	6.9	245	130	66	16	6	8.73	0.95	0	59	16	9	2	0.01	0.04	-23.50
328	DNH	Shelti	C/DN-006	7.3	312	165	163	41	15	10	1.06	0	178	14	12	0.05	0.19	0.10	-1.54
329	DNH	Samarvarni	C/DN-007	7.4	951	503	265	43	38	69	1.04	0	416	48	33	10	0.71	0.53	-1.07
330	DNH	Umarkui (Hathpada)	C/DN-008	7.3	666	353	265	43	38	11	6.28	0	309	31	8	5	0.32	0.09	-2.11
331	DNH	Morkhal (Chowki Falia)	C/DN-009	7.6	374	198	158	18	27	14	0.5	0	178	19	20	4	0.27	0.13	-2.54
332	DNH	Dapada	C/DN-010	7.3	695	368	265	39	40	20	7.22	0	357	26	11	2	0.46	0.18	-0.10
333	DNH	Naroli-1	C/DN-013	7.5	1378	730	413	63	61	74	33.41	0	482	105	97	6	0.69	0.57	0.04
334	DNH	Moolpada	C/DN-014	7	287	152	66	18	5	30	0.81	0	143	6	10	2	0.19	0.47	0.41
335	DNH	Rakhali	C/DN-015	7.2	714	378	275	55	33	18	0.41	0	285	51	23	5	0.25	0.19	0.35
336	DNH	Khedhi Ghodamba	C/DN-016	7.1	569	301	214	51	21	15	0.5	0	178	51	24	21	0.22	0.20	0.31
337	DNH	Rudana	C/DN-017	7	508	269	189	51	15	14	0.72	0	208	26	32	0.5	0.18	0.15	-0.95
338	DNH	Kilvani Sharyapada	C/DN-019	7.4	364	193	128	18	19	18	1.06	0	172	11	13	2	0.19	0.19	-1.22
339	DNH	Kherdi Kathepada	C/DN-021	7.6	787	417	270	45	38	21	0.6	0	202	56	93	3	1.27	0.18	-2.85
340	DNH	Mandoni	C/DN-022	7.2	190	100	61	8	10	9	0.47	0	54	16	8	0.3	0.26	0.13	-1.45
341	DNH	Waghchipa	C/DN-024	7.8	912	483	286	47	40	71	0.79	0	393	78	24	1	0.59	0.56	-1.05
342	DNH	Luhari_Dungaripada	C/DN-023	7.3	482	255	163	18	28	27	0.87	0	202	26	21	3	0.80	0.30	-0.52
343	Dhule	Nangaon	T/DH-004	7.6	504	267	163	31	21	25	2.34	0	190	21	44	7	0.26	0.22	-2.86
344	Dhule	Pimpalner	T/DH-006	7.6	2419	1284	418	57	66	350	9.66	0	785	182	200	48	0.54	2.53	3.80
345	Dhule	Avdhan	T/DH-009	7.3	5416	2867	1862	480	158	416	51.84	0	1243	1036	168	47	0.26	2.34	5.44
346	Dhule	Hisala	T/DH-011	7.6	2395	1268	658	65	118	154	9.32	0	565	274	95	46	0.35	0.84	-6.56
347	Dhule	Chimthane	T/DH-014	7.6	2398	1271	643	96	96	191	9.37	0	553	249	160	47	0.29	1.20	-2.91
348	Dhule	Ichhapur	T/DH-017	7.5	2434	1289	520	82	75	264	8.88	0	589	182	250	47	0.40	1.94	0.90

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
349	Dhule	Methi	T/DH-019	7.7	1271	673	403	65	57	89	0.48	0	446	105	68	46	0.39	0.80	1.39
350	Dhule	Ajnale	T/DH-021	7.5	2407	1275	434	53	72	335	8.47	0	607	259	200	47	0.36	2.10	-2.08
351	Dhule	Narwhal	T/DH-022	8	1650	874	321	57	43	230	0.42	0	529	143	76	47	1.00	1.84	1.30
352	Dhule	Burdi Pada	T/DH-025	7.8	421	223	148	31	17	28	0.8	0	190	16	12	10	0.24	0.30	-0.93
353	Dhule	Dhule	T/DH-030	7.7	636	337	163	33	19	83	1.53	0	309	53	18	18	0.65	0.60	-3.98
354	Dhule	Laling	T/DH-033	7.8	419	222	143	18	23	28	0.83	0	155	16	42	15	0.25	0.23	-4.77
355	Dhule	Sakri2	T/DH-035	8	1642	869	469	63	74	93	0.39	0	494	138	55	47	0.95	0.66	-1.38
356	Dhule	Dondaicha-1	T/DH-041	7.8	2050	1087	332	49	50	304	0.46	0	743	155	83	47	0.56	2.49	5.13
357	Dhule	Ner-1	T/DH-042	7.6	3999	2119	1030	61	209	483	1.01	0	1088	607	150	47	0.44	2.33	-2.42
358	Dhule	Hadakhed	T/DH-043	7.6	871	461	321	31	58	45	0.71	0	381	46	35	46	0.68	0.35	-1.42
359	Dhule	Shewade	T/DH-044	7.5	2467	1307	643	84	103	173	8.36	0	488	185	246	46	0.55	1.11	-3.57
360	Dhule	Dusane	T/DH-046	7.4	2466	1307	622	31	130	217	8.12	0	529	175	314	46	0.53	1.28	-4.98
361	Dhule	Nizampur	T/DH-047	7.7	860	455	326	86	27	44	0.56	0	375	41	38	47	0.68	0.36	-0.75
362	Dhule	Borkund	T/DH-048	7.8	2435	1291	454	74	64	360	2.51	0	845	200	194	8	0.96	2.89	6.50
363	Dhule	Phagne	T/DH-049	7.9	706	374	214	39	28	75	0.75	0	309	24	20	47	1.23	0.74	0.22
364	Dhule	Saver	T/DH-050	7.4	4022	2132	1556	123	298	251	1.72	0	1059	614	176	47	0.42	1.04	-10.11
365	Dhule	Samaryapada	T/DH-052	7.7	2459	1302	658	82	108	159	8.36	0	517	190	192	47	0.52	0.97	-4.19
366	Dhule	Dhavda	T/DH-054	8	2591	1373	551	51	101	325	5	0	589	257	396	48	0.59	1.95	-3.44
367	Dhule	Dhamnar	T/DH-053	7.7	865	459	102	25	10	180.6	1.57	0	511	26	17	14	1.69	2.11	4.93
368	Dhule	Nardana	T/DH-010	7.3	1151	609	428	123	29	62	0.98	0	547	78	16	43	0.62	0.63	4.32
369	Gadchiroli	Bamni	G/GD-003	7.7	789	418	224	78	7	30	10.84	0	214	51	35	24	1.02	0.26	-2.90
370	Gadchiroli	Repanpalli	G/GD-004	7.7	973	515	230	53	23	50	5.22	0	321	29	17	39	1.80	0.49	0.30
371	Gadchiroli	Bori	G/GD-006	7.7	1909	1012	587	149	51	69	5.68	0	613	133	53	43	1.32	0.58	3.39
372	Gadchiroli	Chatgaon	G/GD-008	7.5	1627	862	495	108	53	70	5.16	0	404	140	43	43	0.98	0.54	-1.44
373	Gadchiroli	Gadchiroli	G/GD-009	7.7	891	472	230	67	15	49	3.74	0	232	96	29	16	0.38	0.45	-1.89
374	Gadchiroli	Kurkhera	G/GD-011	7.2	647	342	189	59	10	28	2.12	0	149	76	14	30	0.22	0.41	0.21
375	Gadchiroli	Itapalli	G/GD-013	7.5	727	385	316	61	39	26	1.29	0	309	46	13	42	0.65	0.24	-0.48
376	Gadchiroli	Umanur	G/GD-015	7.7	1015	538	275	57	32	63	3.06	0	333	53	29	42	1.02	0.64	0.82
377	Gadchiroli	Wadsa	G/GD-016	7.5	786	417	250	61	23	31	4.1	0	232	88	24	15	1.01	0.31	-0.85
378	Gadchiroli	Porla	G/GD-017	7.7	695	369	168	59	5	46	3.49	0	208	56	21	33	1.15	0.60	0.67
379	Gadchiroli	Talodhi Rampur	G/GD-018	7.6	1226	650	301	94	16	66	6.32	0	208	190	23	2	0.50	0.79	0.07
380	Gadchiroli	Yelgur Tola	G/GD-019	7.4	851	450	240	41	33	50	5.68	0	398	31	13	8	1.65	0.47	1.28
381	Gadchiroli	Chandona Tola	G/GD-020	7.3	665	352	219	51	22	44	1.9	0	208	66	28	42	0.97	0.47	-0.73
382	Gadchiroli	Timiram	G/GD-025	7.7	971	514	316	59	40	50	1.62	0	351	36	24	36	1.06	0.47	0.41
383	Gadchiroli	Wairagarh	G/GD-027	7.5	919	487	311	76	29	54	7.62	0	321	83	20	17	1.10	0.40	-3.26
384	Gadchiroli	Ghot	G/GD-029	7.5	1786	946	622	96	91	50	4.31	0	351	215	41	43	1.00	0.35	-3.99
385	Gadchiroli	Dhanora	G/GD-030	7.4	482	256	163	53	7	35	4.86	0	214	46	7	6	0.31	0.29	-3.21
386	Gadchiroli	Nandigaon	G/GD-032	7.9	1218	645	286	45	41	54	1.69	0	303	58	32	42	1.84	0.51	-0.37
387	Gadchiroli	Govindpur	G/GD-036	7.7	2439	1290	729	117	105	128	4.91	0	381	369	62	43	0.98	0.81	-5.52

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
388	Gadchiroli	Rangi	G/GD-037	7.3	851	450	281	61	30	34	6.75	0	232	93	15	40	0.50	0.43	0.79
389	Gadchiroli	Govindgaon	G/GD-047	7.6	1290	684	316	49	46	39	2.49	0	268	61	45	42	1.50	0.30	-3.60
390	Gadchiroli	Elchil	G/GD-048	7.3	955	506	321	74	33	43	1.65	0	309	81	37	42	1.16	0.45	0.84
391	Gadchiroli	Shankarpur	G/GD-052	7.4	1217	645	469	90	58	44	4.43	0	363	130	31	41	0.72	0.36	-1.10
392	Gadchiroli	Gewardha	G/GD-053	7	133	70	102	29	7	14	2.52	0	125	9	3	8	0.67	0.15	-1.82
393	Gadchiroli	Delanwadi	G/GD-060	7.5	643	340	158	47	10	29	11.77	0	149	61	26	20	0.68	0.38	-0.30
394	Gadchiroli	Konsari	G/GD-064	7.6	1704	903	530	41	102	65	13.12	0	470	153	50	39	0.38	0.46	-1.92
395	Gadchiroli	Uradi	G/GD-073	7.2	665	352	179	55	10	28	2.12	0	172	38	21	12	0.42	0.27	-2.26
396	Gadchiroli	Maregaon-1	G/GD-074	7.1	946	501	367	47	60	16	3.76	0	321	81	20	42	0.53	0.13	-1.57
397	Gadchiroli	Armori-1	G/GD-076	7.4	1371	727	367	41	63	80	13.1	0	220	180	36	42	0.57	0.67	-3.12
398	Gadchiroli	Chaudampalli	G/GD-001	7.6	1255	664	347	51	52	43	4.5	0	202	177	49	23	0.41	0.43	-1.39
399	Gondia	Amgaon	G/GN-002	7.5	1249	661	367	47	60	71	5.08	0	375	145	46	4	0.40	0.48	-4.37
400	Gondia	Murdoli	G/GN-005	7.5	956	506	214	41	27	86	0.99	0	351	41	38	29	1.10	0.73	-0.73
401	Gondia	Salebardi	G/GN-006	7.1	1480	784	617	123	74	50	8	0	446	168	79	46	0.58	0.32	-4.40
402	Gondia	Goregaon	G/GN-008	7.2	957	507	265	45	36	89	8.93	0	375	96	20	2	0.89	0.54	-6.85
403	Gondia	Tiroda	G/GN-010	7.1	1426	754	617	123	74	71	5.34	0	464	195	49	45	0.23	0.52	-1.35
404	Gondia	Navegaon	G/GN-011	8.1	454	240	148	39	12	16	1.04	0	172	14	10	4	0.29	0.16	-1.85
405	Gondia	Rajegaon	G/GN-015	7.5	1197	635	332	63	41	84	50.3	0	375	140	56	45	0.29	0.69	-0.83
406	Gondia	Asoli	G/GN-018	7.3	161	85	46	10	5	16	9.53	0	59	14	13	20	0.60	0.18	-2.89
407	Gondia	Sejgaon	G/GN-020	7.2	925	490	311	84	24	37	5.54	0	250	93	46	40	0.72	0.35	-1.07
408	Gondia	Sangadi	G/GN-022	7.6	320	160	128	31	12	13	6.91	0	131	26	6	27	0.10	0.11	-4.16
409	Gondia	Sondad	G/GN-023	7.7	522	277	214	45	24	24	1.91	0	214	26	64	3	0.90	0.22	-2.06
410	Gondia	Navegaon II (KHURD)	G/GN-025	7.6	1294	685	393	65	55	75	5.33	0	416	128	13	45	1.12	0.55	-1.96
411	Gondia	Bondgaon	G/GN-030	7.3	446	236	163	39	16	30	9.52	0	131	58	11	45	0.10	0.31	-2.22
412	Gondia	Kalimati	G/GN-032	7.8	687	364	184	25	29	64	1.56	0	208	63	25	10	0.46	0.62	-1.64
413	Gondia	Dawwa	G/GN-037	7.6	1487	788	515	86	72	65	3.58	0	488	148	67	44	0.23	0.46	-1.37
414	Gondia	Deori-1	G/GN-038	6.9	595	315	163	39	16	53	10.34	0	167	66	38	44	0.07	0.63	-0.61
415	Gondia	Wadegaon	G/GN-039	7.8	485	256	148	31	17	19	20.7	0	155	43	23	2	0.22	0.23	-0.80
416	Gondia	Sategaon-Sakaritola	G/GN-040	7.6	135	72	46	8	6	9	5.38	0	59	9	6	5	0.19	0.12	-1.57
417	Gondia	Khamari	G/GN-041	7.4	2082	1103	791	112	122	77	31.37	0	535	259	79	47	0.18	0.45	-5.10
418	Gondia	Dhabetekdi	G/GN-043	7.4	1735	920	632	86	100	76	12.46	0	434	210	80	47	1.29	0.48	-4.86
419	Hingoli	Babulgaon	G/HN-010	7.6	953	505	332	112	12	63	2.48	0	351	81	47	39	0.53	0.62	0.88
420	Hingoli	Alegaoon (Old)	G/HN-023	7.7	4056	2146	979	200	114	553	2.44	0	1297	550	120	42	0.66	3.45	9.10
421	Hingoli	Aundha nagnath	G/HN-025	7.8	684	362	245	57	24	37	17.24	0	309	43	15	30	0.35	0.38	0.52
422	Hingoli	Barashiv-1 (Jawla bazar)	G/HN-026	7.4	725	383	306	74	29	26	0.87	0	315	43	28	28	0.52	0.24	-0.29
423	Hingoli	Chondi Amba-1	G/HN-027	7.7	732	388	316	72	33	40	0.9	0	321	34	54	42	0.79	0.37	-0.19
424	Hingoli	Dongarkada	G/HN-032	7.5	1381	731	576	69	96	42	0.58	0	500	135	49	42	0.50	0.27	-3.08
425	Hingoli	Palasgaon	G/HN-034	7.4	738	391	265	63	26	55	2.02	0	309	51	38	42	0.68	0.55	0.42
426	Hingoli	Kautha-Khudnapur	G/HN-035	7.8	1372	727	449	106	44	95	1.3	0	428	140	58	40	0.62	0.79	0.26

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
427	Hingoli	Kurundha	G/HN-036	7.7	1093	580	408	72	55	83	2.2	0	410	91	60	25	0.42	0.60	-2.36
428	Hingoli	Bolda	G/HN-037	7.5	925	490	362	86	35	40	2.83	0	387	83	44	10	0.70	0.34	-0.03
429	Hingoli	Khutha	G/HN-038	7.7	820	434	204	61	12	91	1.78	0	321	61	46	16	1.30	1.05	1.71
430	Hingoli	Jambharun-Rodge	G/HN-039	7.9	783	414	332	53	47	26	1.16	0	339	36	19	43	0.76	0.23	-0.59
431	Hingoli	Sawad	G/HN-040	7.9	1076	570	418	69	58	52	0.69	0	446	76	37	42	1.07	0.42	0.06
432	Hingoli	Adgaon	G/HN-041	7.6	435	230	168	41	16	18	0.94	0	172	19	31	33	0.54	0.20	-1.13
433	Hingoli	Balapur Akhada-1	G/HN-043	7.7	332	176	158	39	15	21	3.07	0	190	14	17	4	0.47	0.22	-1.24
434	Hingoli	Hingoli-1	G/HN-045	7.7	978	518	332	41	55	65	0.59	0	387	68	31	18	1.52	0.54	-0.51
435	Hingoli	Vai Gorakhnath	G/HN-046	7.8	732	388	306	78	27	20	0.89	0	285	46	21	42	0.49	0.15	-3.23
436	Hingoli	Basmat Shivar	G/HN-047	7.8	952	504	332	76	34	81	1.04	0	387	88	42	42	0.48	0.78	1.19
437	Hingoli	Chudawa-1	G/HN-048	7.9	2176	1154	587	78	94	192	29.71	0	672	222	71	41	0.73	1.32	0.97
438	Hingoli	Sengaon	G/HN-049	7.8	981	520	291	55	36	95	0.74	0	446	34	53	38	0.91	0.84	1.25
439	Jalgaon	Jamner	T/JG-004	7.6	1459	771	530	51	96	67	1.61	0	666	98	22	42	0.55	0.46	0.88
440	Jalgaon	Erandol	T/JG-010	7.9	1155	612	413	61	62	76	0.37	0	434	101	26	33	0.61	0.53	-2.57
441	Jalgaon	Bodwad	T/JG-014	8	855	453	301	55	39	48	1.4	0	351	78	12	39	0.51	0.42	-0.51
442	Jalgaon	Neri	T/JG-017	7.7	954	506	388	67	52	30	0.56	0	369	78	11	40	0.62	0.24	-1.52
443	Jalgaon	Dharangaon	T/JG-019	7.6	1162	615	367	51	57	93	2.01	0	500	81	24	13	0.78	0.68	-0.69
444	Jalgaon	Kasoda	T/JG-028	7.5	2834	1496	1107	63	226	128	2.21	0	850	373	49	41	0.67	0.58	-8.94
445	Jalgaon	Adgaon	T/JG-032	7.6	1753	929	694	92	111	61	1.2	0	726	155	33	42	0.73	0.37	-0.78
446	Jalgaon	Pasardi	T/JG-033	7.6	1302	690	571	69	95	43	11.32	0	583	83	5	17	0.51	0.28	-1.82
447	Jalgaon	Vakdi	T/JG-034	7.7	1215	645	479	51	84	48	7.96	0	529	83	15	41	0.61	0.33	-1.39
448	Jalgaon	Bodar	T/JG-037	7.9	764	404	316	45	49	35	0.86	0	404	34	20	22	0.62	0.28	-0.64
449	Jalgaon	Dangarda	T/JG-041	7.9	660	350	250	49	30	27	1.43	0	309	14	0	23	0.59	0.21	-2.94
450	Jalgaon	Balvadi	T/JG-043	7.9	869	460	321	53	45	54	0.58	0	375	56	6	31	0.31	0.38	-3.17
451	Jalgaon	Mendhoda	T/JG-046	8	1223	649	495	63	80	64	2.41	0	464	101	31	34	0.53	0.45	-1.85
452	Jalgaon	Shengola	T/JG-048	7.7	885	469	326	47	50	26	1.33	0	303	68	27	35	0.67	0.23	-1.17
453	Jalgaon	Pimpalkotha	T/JG-049	7.7	1845	978	689	114	96	95	4.16	0	607	200	41	36	0.60	0.61	-1.42
454	Jalgaon	Kekat Nimbhora	T/JG-050	7.8	599	317	250	47	32	57	1.15	0	315	48	23	0.4	0.82	0.51	-0.80
455	Jalgaon	Raver1	T/JG-066	8	1007	564	316	47	47	92	0.3	0	523	76	1	34	0.39	0.86	3.15
456	Jalgaon	Muktai Nagar-1	T/JG-067	8	540	286	179	61	6	45	0.32	0	274	34	4	4	0.61	0.50	0.62
457	Jalgaon	Yawal-1	T/JG-071	7.8	1605	850	699	43	141	61	0.68	0	624	168	40	36	0.26	0.33	-5.65
458	Jalgaon	Sangvi Bk	T/JG-072	8.1	921	488	393	92	39	41	0.27	0	434	56	18	35	0.31	0.27	-3.63
459	Jalgaon	Kingaon	T/JG-073	8	1142	605	520	61	87	29	0.42	0	506	73	10	35	0.26	0.20	-1.46
460	Jalgaon	Pimpalkhede	T/JG-074	7.8	921	488	306	65	34	65	16.79	0	410	63	14	14	0.64	0.56	0.36
461	Jalgaon	Kusumbe-1	T/JG-075	8	590	312	250	84	10	21	0.57	0	244	41	26	4	0.53	0.22	-0.27
462	Jalgaon	Lasgaon	T/JG-076	7.6	2450	1299	1066	86	203	70	6.63	0	862	242	47	36	0.61	0.34	-6.03
463	Jalgaon	Jalgaon - Harivitthal Nagar	T/JG-079	7.8	1189	630	449	72	64	69	0.74	0	547	96	23	34	0.65	0.44	-2.45
464	Jalgaon	Jalgaon - Balajipeth	T/JG-080	7.7	816	432	306	72	30	40	32.75	0	351	63	14	14	0.57	0.40	0.91
465	Jalgaon	Jalgaon - Shivaji Udhyan	T/JG-083	7.6	875	463	281	63	29	54	0.77	0	333	58	37	0	0.57	0.51	0.10

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
466	Jalgaon	Sirsala	T/JG-085	7.9	814	431	337	65	41	61	0.8	0	446	53	24	35	0.62	0.54	1.36
467	Jalgaon	Chalisgaon-1	T/JG-086	7.7	1383	732	505	110	55	74	0.73	0	547	88	37	36	0.62	0.53	-0.12
468	Jalgaon	Jamthi	T/JG-087	7.6	1776	941	673	112	94	64	1.78	0	565	182	33	36	0.63	0.46	0.03
469	Jalgaon	Khirda -2	T/JG-088	7.8	1207	639	485	57	81	71	0.21	0	541	66	15	35	0.43	0.51	-0.38
470	Jalgaon	Khanapur-1	T/JG-089	7.9	990	525	286	41	44	57	0.34	0	333	46	21	33	1.08	0.41	-3.75
471	Jalgaon	Vivra Bk	T/JG-090	7.7	1323	701	520	69	83	75	0.77	0	565	143	23	36	0.30	0.51	-0.80
472	Jalgaon	Sakli-1	T/JG-092	7.6	1382	733	495	67	78	76	0.51	0	589	51	23	36	0.36	0.57	1.21
473	Jalgaon	Bhadgaon-1	T/JG-093	7.7	1744	924	556	31	114	95	1.34	0	666	93	24	36	0.61	0.53	-4.09
474	Jalgaon	Parola-1	T/JG-069	7.6	1130	599	469	67	72	46	0.73	0	488	91	35	35	0.65	0.34	-0.66
475	Jalgaon	Naseerabad	T/JG-023	7.6	2511	1332	928	86	170	119	5.52	0	809	249	52	37	0.52	0.57	-7.07
476	Jalna	Ambad	G/JL-001	7.7	1766	935	627	151	60	95	4.6	0	523	207	46	36	0.63	0.76	1.23
477	Jalna	Kalegaon	G/JL-010	7.9	646	342	270	51	34	34	0.91	0	363	34	11	32	0.53	0.26	-2.16
478	Jalna	Mantha	G/JL-011	7.7	1291	684	352	72	41	95	1.71	0	446	91	23	36	0.69	0.83	1.16
479	Jalna	Shreshti	G/JL-015	7.6	1905	1009	745	69	136	58	26.51	0	743	113	87	36	0.59	0.34	-1.26
480	Jalna	Longaon	G/JL-022	7.7	1827	968	694	69	124	91	2.41	0	732	110	49	37	0.80	0.55	-0.76
481	Jalna	Tirthpuri	G/JL-028	7.6	2009	1064	724	123	100	105	6.44	0	690	182	50	36	0.78	0.71	0.86
482	Jalna	Samangaon	G/JL-032	7.6	754	399	260	47	34	45	1.53	0	285	46	29	12	0.45	0.34	-3.73
483	Jalna	Watur	G/JL-034	7.6	970	513	408	59	62	33	1.18	0	470	51	20	36	0.65	0.23	-1.99
484	Jalna	Talni	G/JL-043	8	2292	1215	622	51	118	95	105.14	0	666	267	66	36	0.45	0.58	-1.64
485	Jalna	Badnapur	G/JL-055	7.9	1367	724	525	92	70	67	2.18	0	440	128	41	36	0.60	0.44	-3.79
486	Jalna	Niklas	G/JL-056	7.7	912	487	311	31	56	74	0.56	0	464	46	37	33	1.32	0.56	-0.57
487	Jalna	Bavne Pangri	G/JL-057	8	572	303	214	51	21	29	0.46	0	256	21	12	29	1.07	0.29	-0.67
488	Jalna	Chanegaon	G/JL-058	7.8	1834	972	643	112	86	82	43.12	0	767	187	39	41	0.97	0.56	2.31
489	Jalna	Bondalpuri	G/JL-059	7.8	568	301	235	65	17	21	0.7	0	256	16	12	40	1.07	0.19	-1.70
490	Jalna	Khandala	G/JL-060	8	554	293	224	41	29	25	1.19	0	226	36	16	15	0.86	0.19	-4.10
491	Jalna	Siphora	G/JL-061	7.9	1020	539	434	112	36	36	2.13	0	476	63	33	41	0.78	0.19	-8.97
492	Jalna	Rajur	G/JL-062	7.9	838	444	372	55	56	38	1.61	0	428	68	28	27	0.58	0.24	-4.72
493	Jalna	Pimpalgaon Renukai	G/JL-063	7.9	1748	926	719	127	96	48	2.58	0	785	130	26	42	0.67	0.33	2.62
494	Jalna	Malkheda	G/JL-065	7.9	554	293	235	49	27	23	0.92	0	256	38	29	6	0.76	0.22	-1.17
495	Jalna	Hasnabad-1	G/JL-066	7.8	1656	878	689	106	101	67	1.39	0	767	155	41	42	0.56	0.43	0.91
496	Jalna	Utavad	G/JL-067	8	897	475	357	55	52	39	0.92	0	464	34	17	41	0.82	0.30	-0.37
497	Jalna	Dhoksal	G/JL-068	7.9	957	506	398	45	68	41	1.55	0	428	68	28	41	1.02	0.33	-0.21
498	Jalna	Partur-2	G/JL-069	7.7	519	275	219	51	22	27	2.14	0	250	21	17	19	1.31	0.40	1.99
499	Jalna	Sukhapuri-1	G/JL-070	8	1163	615	469	45	85	95	2.71	0	607	83	36	12	1.51	0.71	1.41
500	Jalna	Dungaon-1	G/JL-071	7.7	1457	775	576	112	70	56	1.38	0	708	96	39	14	1.08	0.42	3.35
501	Jalna	Shirner	G/JL-072	7.7	1005	532	469	92	57	29	0.71	0	547	43	20	42	1.08	0.23	1.72
502	Jalna	Yenora-Dhanora	G/JL-073	7.9	1672	886	576	57	103	105	6.56	0	785	96	51	42	1.90	0.73	3.14
503	Jalna	Gansawangi-1	G/JL-074	7.8	3011	1594	1030	104	183	195	5	0	767	428	62	41	1.36	1.07	-3.14
504	Jalna	Jalna-1	G/JL-075	7.7	672	356	250	72	17	28	1.24	0	238	56	35	31	0.66	0.27	-1.07

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
505	Jalna	Banegaon	G/JL-076	7.9	758	401	311	63	36	33	0.96	0	309	56	23	41	0.76	0.29	-1.20
506	Jalna	Baranjala Lokhande	G/JL-077	7.4	1854	984	689	63	126	110	1.82	0	589	225	49	42	1.74	0.69	-2.48
507	Jalna	Bhokardhan-2	G/JL-078	7.5	1487	787	434	90	50	72	1.57	0	416	130	48	41	0.87	0.71	2.01
508	Jalna	Danapur	G/JL-079	7.4	1421	754	566	108	70	71	1.93	0	654	105	41	42	0.84	0.55	2.88
509	Jalna	Jafrabad	G/JL-004	7.4	4098	2170	1505	276	194	235	1.9	0	1463	351	94	43	1.12	1.19	5.43
510	Jalna	Tirthpuri	G/JL-028	7.5	1920	1020	750	143	94	105	1.87	0	904	175	43	42	0.62	0.75	5.59
511	Kolhapur	Ajra	K/KL-001	7.6	451	238	163	47	11	27	0.35	0	131	41	21	34	0.01	0.36	-0.59
512	Kolhapur	Shiroli	K/KL-002	7.9	1005	534	428	63	64	58	1.18	0	256	195	19	31	0.04	0.47	-3.05
513	Kolhapur	Murgud	K/KL-004	7.6	782	413	250	67	19	64	0.38	0	357	63	0	11	0.05	0.86	3.23
514	Kolhapur	Shiradwad	K/KL-005	7.8	1226	654	444	74	62	69	1.63	0	470	110	24	25	0.01	0.60	1.38
515	Kolhapur	Panhala	K/KL-006	7	306	161	107	33	6	18	0.18	0	107	31	11	23	0.01	0.26	-0.58
516	Kolhapur	Naganwadi	K/KL-007	7.1	103	55	56	6	10	6	0.12	0	42	21	8	4	0.00	0.11	-0.63
517	Kolhapur	Partangale	K/KL-008	7.7	339	179	102	31	6	18	0.17	0	131	26	0	12	0.01	0.29	0.32
518	Kolhapur	Gadgilaj	K/KL-010	7.7	588	312	219	49	23	31	0.61	0	303	31	0.1	2	0.03	0.34	0.93
519	Kolhapur	Kini wathar	K/KL-012	7.8	1311	692	454	51	78	93	1.31	0	648	101	14	19	0.07	0.74	3.21
520	Kolhapur	Paijarwadi	K/KL-015	7.7	507	269	214	25	36	16	0.61	0	238	31	19	18	0.03	0.13	-3.49
521	Kolhapur	Gagan bauda	K/KL-016	7.9	138	73	71	12	10	7	0.17	0	77	6	0	12	0.01	0.10	-0.86
522	Kolhapur	Gokul shirgaon	K/KL-017	7.8	847	452	332	72	36	43	1.16	0	410	63	0	19	1.07	0.40	1.18
523	Kolhapur	Uttur	K/KL-019	7.8	1109	552	500	65	80	59	3.15	0	434	133	24	33	0.06	0.46	-0.50
524	Kolhapur	Nesari	K/KL-022	7.7	262	140	112	35	6	10	0.82	0	89	21	8	28	0.01	0.12	-1.69
525	Kolhapur	Karve	K/KL-023	7.5	190	100	71	14	9	13	0.19	0	59	26	8	19	0.00	0.12	-4.52
526	Kolhapur	Undri	K/KL-024	6.8	400	214	163	41	15	22	0.38	0	167	41	0	33	0.01	0.13	-10.91
527	Kolhapur	Surupali	K/KL-029	7.6	629	326	270	51	34	31	0.61	0	345	41	17	15	0.04	0.23	-2.96
528	Kolhapur	Pimpalgaon	K/KL-030	7.4	648	343	265	31	45	30	0.58	0	315	41	12	26	0.04	0.20	-5.16
529	Kolhapur	Radhanagari	K/KL-032	7.3	390	206	158	37	16	19	0.18	0	190	24	10	18	0.01	0.17	-2.77
530	Kolhapur	Washi	K/KL-034	7.7	526	281	235	39	33	17	0.32	0	285	21	0	10	0.10	0.15	-1.39
531	Kolhapur	Surute	K/KL-035	7.2	134	70	61	20	2	7	0.18	0	59	19	0	10	0.00	0.07	-3.51
532	Kolhapur	Halkarne	K/KL-036	7.7	1621	868	622	25	134	86	0.95	0	607	143	13	35	0.04	0.49	-4.42
533	Kolhapur	Shelewadi	K/KL-037	7.7	474	247	209	37	28	15	0.48	0	202	26	0	31	0.10	0.13	-2.66
534	Kolhapur	Aslaj	K/KL-039	7.9	100	48	51	10	6	1	1.1	0	24	11	6	11	0.00	0.01	-5.41
535	Kolhapur	Solankur1	K/KL-043	7.6	230	120	92	27	6	1	0.12	0	77	9	8	5	0.06	0.01	-1.27
536	Kolhapur	Pargaon -1	K/KL-044	7.9	627	333	301	43	46	8	0.71	0	303	34	15	15	0.16	0.06	-2.30
537	Kolhapur	Khindivarvade-1	K/KL-045	7.5	234	123	77	20	6	10	0.61	0	95	9	0	23	0.01	0.09	-4.86
538	Kolhapur	Wadicharan-1	K/KL-046	8.1	972	523	449	88	55	10	0.82	0	410	93	0	14	0.01	0.09	0.19
539	Kolhapur	Kirve	K/KL-048	7.6	210	111	92	27	6	14	0.12	0	95	16	3	9	0.01	0.14	-3.33
540	Kolhapur	Cheye	K/KL-050	7.6	619	339	250	51	29	19	0.81	0	238	43	17	36	0.03	0.17	-1.87
541	Kolhapur	Shahuwadi-1	K/KL-052	7.9	508	268	230	20	43	16	0.36	0	238	29	9	28	0.74	0.14	-2.15
542	Kolhapur	Kagal	K/KL-053	7.7	846	450	311	53	43	46	0.42	0	363	56	6	33	0.20	0.38	-1.12
543	Latur	Budhoda	G/LT-003	7.7	1141	604	418	96	43	48	7.05	0	470	83	32	42	0.50	0.44	2.16

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
544	Latur	Murud-Akola	G/LT-007	7.6	3146	1667	1168	249	130	127	24.12	0	1071	125	390	13	0.74	0.77	4.70
545	Latur	Chapoli	G/LT-008	7.8	1311	695	536	117	58	38	3.15	0	535	110	34	43	0.41	0.32	2.04
546	Latur	Ausa	G/LT-014	7.7	1437	761	505	133	41	40	6.11	0	476	125	39	38	0.48	0.39	2.87
547	Latur	Ahmadpur	G/LT-015	7.7	1231	653	490	92	62	43	1.54	0	476	96	35	44	0.67	0.33	-0.46
548	Latur	Deoni	G/LT-016	7.9	1284	680	393	67	53	86	5.17	0	476	113	40	42	0.29	0.79	2.17
549	Latur	Munud	G/LT-017	7.7	1700	901	658	86	106	63	3.91	0	714	182	3	43	0.58	0.40	-0.06
550	Latur	Panchincholi	G/LT-018	7.9	1193	632	362	67	46	76	12.1	0	523	61	3	43	0.64	0.63	1.72
551	Latur	Kingaon	G/LT-019	7.9	1023	542	398	74	51	45	3.06	0	476	63	2	41	0.54	0.35	-0.07
552	Latur	Pangaon	G/LT-020	7.9	1504	797	622	106	85	71	2.9	0	672	120	32	43	0.56	0.50	1.47
553	Latur	Jalkot	G/LT-021	7.8	584	309	179	41	18	49	1.15	0	238	51	22	20	0.75	0.54	-0.05
554	Latur	Lamjana Phata	G/LT-022	7.8	972	514	388	69	51	28	2.91	0	363	71	26	43	0.60	0.18	-5.70
555	Latur	Kasar Sirsi	G/LT-025	7.6	1207	640	520	119	53	27	0.92	0	464	128	30	41	0.81	0.19	-1.90
556	Latur	Mogha	G/LT-028	7.9	512	271	179	41	18	27	9.51	0	256	16	12	5	0.71	0.25	-1.49
557	Latur	Borgaon Kale	G/LT-029	7.7	1614	855	520	88	72	74	12.15	0	535	125	42	44	0.43	0.48	-2.63
558	Latur	Patoda	G/LT-030	7.3	1135	602	383	67	51	88	13.19	0	446	145	41	24	1.04	0.56	-4.23
559	Latur	Kelgaon	G/LT-031	7.7	1547	819	576	51	107	85	12.05	0	624	128	22	30	0.55	0.55	-1.11
560	Latur	Bhada	G/LT-032	7.6	945	501	393	72	51	36	2.81	0	404	76	51	11	0.82	0.30	-0.02
561	Latur	Ashta	G/LT-034	7.8	894	473	383	41	67	53	1.88	0	428	78	45	43	0.71	0.41	-0.83
562	Latur	Pandharwadi	G/LT-035	7.5	1370	727	500	43	94	65	10.17	0	547	105	40	44	0.64	0.44	-1.28
563	Latur	Udgir1	G/LT-052	7.4	1328	703	495	39	95	69	1.58	0	565	110	45	41	0.48	0.48	-0.58
564	Latur	Walandi-1	G/LT-055	7.6	661	350	281	31	49	18	4.67	0	285	21	10	48	0.64	0.16	-1.67
565	Latur	Mahapur-Vasantnagar tanda	G/LT-056	7.8	880	466	214	63	13	92	2.33	0	398	53	9	34	0.95	1.31	4.21
566	Latur	Nalegaon-1	G/LT-057	7.4	1810	958	556	25	118	40	5.66	0	416	210	43	39	0.52	0.25	-5.02
567	Latur	Kasar Belkunda-1	G/LT-058	7.5	1218	645	403	61	60	52	7.12	0	464	61	29	43	0.94	0.48	2.09
568	Latur	Rapka	G/LT-059	7.6	1224	648	398	61	58	59	3.69	0	476	91	32	43	0.62	0.45	-0.16
569	Latur	Narsingwadi	G/LT-060	7.7	708	375	214	74	7	72	1.58	0	327	29	22	33	1.07	0.82	1.70
570	Latur	Ujed-1	G/LT-061	7.6	1552	822	627	51	119	95	2.28	0	607	145	48	43	0.90	0.57	-3.02
571	Latur	Nilanga-1	G/LT-062	7.5	1859	986	775	49	156	91	13.45	0	666	210	58	13	0.97	0.49	-5.25
572	Latur	Latur Shani mandir	G/LT-064	7.3	1945	1030	760	149	92	86	2.47	0	726	247	60	44	0.48	0.64	3.37
573	Latur	Belkund-1	G/LT-065	7.4	1089	577	454	102	47	24	9.15	0	500	81	9	15	0.80	0.21	2.15
574	Latur	Samdarga	G/LT-066	7.5	1369	725	520	84	74	40	10.17	0	565	93	32	43	0.66	0.33	2.24
575	Latur	Matola	G/LT-067	7.5	1792	952	704	110	102	95	2.32	0	666	205	51	45	0.64	0.64	0.48
576	Latur	Saithpur	G/LT-068	7.5	2001	1062	770	147	96	105	15.32	0	743	170	62	46	0.64	0.76	3.27
577	Latur	Rudha	G/LT-069	7.6	806	428	286	51	38	29	12.27	0	309	53	27	42	1.02	0.28	-0.17
578	Latur	Renapur	G/LT-026	7.6	3246	1720	1030	49	216	284	24.31	0	1201	339	93	45	1.11	1.45	1.48
579	MUMBAI	Bombay (Church Gate)	C/BB-002	7.8	800	424	326	47	50	36.76	7.99	0	416	34	38	7	0.53	0.32	0.68
580	MUMBAI	Colaba (Dandi)	C/BB-005	7.4	1173	621	393	51	63	73.24	10.33	0	523	68	45	25	0.16	0.58	1.13
581	MUMBAI	Mahim	C/BB-006	7.6	744	394	337	41	56	22.63	7.2	0	369	21	31	39	0.09	0.16	-3.76
582	MUMBAI	Varli Naka	C/BB-020	7.9	734	389	281	47	39	42.95	10.92	0	357	43	35	8	0.21	0.29	-4.29

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
583	MUMBAI	Mazgaon	C/BB-021	7.2	342	181	133	25	17	17.95	6.58	0	167	21	16	7	0.21	0.16	-3.06
584	MUMBAI	Colaba-Fort	C/BB-022	7.6	1106	585	367	43	62	62.74	21.6	0	506	63	28	3	0.07	0.46	-0.49
585	MUMBAI	A.M.C. Colony	C/BB-001	7.4	275	146	77	12	11	17	4.24	0	107	16	12	8	0.14	0.16	-3.33
586	MUMBAI	Vile Parle West	C/BB-007	7.6	903	479	301	63	34	64	4.36	0	440	63	34	5	0.41	0.61	2.07
587	MUMBAI	Amboli_Sarota Pada	C/BB-008	7.4	907	480	286	61	32	59	5.38	0	369	43	33	1	0.44	0.53	0.28
588	MUMBAI	Madh	C/BB-009	7.3	959	508	255	63	23	94	15.31	0	303	93	39	33	0.28	0.83	-1.11
589	MUMBAI	Malwani	C/BB-010	7.1	1011	535	347	67	43	63	4.12	0	410	81	66	2	0.67	0.58	1.19
590	MUMBAI	Dahisar-1	C/BB-011	7.2	369	196	97	18	12	26	6.04	0	119	41	16	7	0.20	0.30	-1.60
591	MUMBAI	Film City-Habale Pada	C/BB-012	7.7	692	369	265	43	38	31	0.89	0	268	21	82	1	0.20	0.29	-0.86
592	MUMBAI	Goregaon	C/BB-013	7.4	513	272	189	18	34	26	2.48	0	208	29	33	3	0.25	0.25	-1.73
593	MUMBAI	Mulund_East	C/BB-014	7.4	654	346	260	41	38	31	1.73	0	285	36	24	6	0.14	0.29	-0.56
594	MUMBAI	Chembur_Gaothan	C/BB-015	7.3	370	196	107	20	13	19	3.61	0	149	21	11	2	0.17	0.20	-1.72
595	MUMBAI	Trombay-Koliwada	C/BB-017	7.3	748	396	168	43	15	80	8.92	0	190	113	21	3	0.08	0.89	-0.73
596	MUMBAI	Vakola	C/BB-019	7.4	107	56	46	8	6	4	1.2	0	48	6	6	1	0.07	0.04	-3.90
597	MUMBAI	Ranicha Bagh	C/BB-023	7.8	925	490	296	41	46	76	5.08	0	416	56	49	12	0.51	0.62	-0.24
598	MUMBAI	Gorai Beach	C/BB-024	7.8	1753	929	296	45	44	240.4	14.6	0	684	138	81	1	0.27	2.00	4.35
599	MUMBAI	Manori	C/BB-025	7.6	1972	1044	383	104	29	202	8.27	0	494	269	59	2	0.23	2.04	3.45
600	Nagpur	Umrer	G/NG-002	7.9	2212	1171	638	139	69	181.8	10.22	0	862	130	182	2	0.92	1.41	6.29
601	Nagpur	Ramtek	G/NG-004	7.7	1407	746	388	88	40	102.23	10	0	470	118	51	44	0.95	0.96	2.36
602	Nagpur	Narkhed	G/NG-007	7.4	1417	750	352	74	40	109	1.99	0	488	86	43	44	0.55	1.06	2.96
603	Nagpur	Gumgaon	G/NG-008	7.9	758	402	286	84	18	38	8.79	0	398	11	12	9	0.73	0.42	2.69
604	Nagpur	Deolapar	G/NG-009	7.7	613	325	204	47	21	41	5.67	0	345	14	11	0	1.36	0.44	1.51
605	Nagpur	Panchgaon	G/NG-011	8	584	310	230	63	17	17	1	0	250	14	41	28	1.21	0.19	0.45
606	Nagpur	Wardhamna	G/NG-012	7.6	1587	841	459	84	60	61	6.13	0	476	170	23	4	0.51	0.50	0.76
607	Nagpur	Kalmeshwar	G/NG-013	7.7	685	363	260	41	38	25	4.66	0	178	81	35	3	0.46	0.22	-3.44
608	Nagpur	Chorbaoli	G/NG-014	8	1134	566	255	51	30	133	2.13	0	488	73	20	0	0.84	1.37	3.56
609	Nagpur	Parseoni	G/NG-016	7.5	696	369	214	43	26	33	33.16	0	309	26	19	11	0.12	0.26	-2.54
610	Nagpur	Nagalwadi	G/NG-017	7.7	781	414	230	47	27	51	7.07	0	327	29	18	15	0.65	0.48	0.00
611	Nagpur	Sivani	G/NG-018	7.9	790	418	235	43	30	69	1.41	0	375	34	23	14	1.23	0.64	0.68
612	Nagpur	Uti	G/NG-020	7.8	967	512	311	61	38	51	3.25	0	410	38	35	34	0.77	0.48	1.48
613	Nagpur	Chacher	G/NG-021	7.7	792	420	235	53	24	65	1.81	0	315	46	64	4	1.31	0.68	0.82
614	Nagpur	Manegaon Tek	G/NG-022	7.6	1459	773	434	84	53	42	5.56	0	464	96	7	46	0.83	0.35	0.76
615	Nagpur	Kelod	G/NG-023	7.7	1236	655	311	65	35	128	4.52	0	428	76	55	42	1.34	0.97	-1.19
616	Nagpur	Sathnaori	G/NG-025	7.8	1015	539	245	65	19	60	43.87	0	345	51	41	42	0.63	0.69	2.12
617	Nagpur	Nayakund	G/NG-026	7.8	773	409	240	45	30	50	6.06	0	309	36	22	33	0.92	0.51	0.53
618	Nagpur	Khubala	G/NG-027	7.6	728	386	235	43	30	41	14.06	0	321	24	21	21	0.91	0.37	-0.40
619	Nagpur	Wagholi	G/NG-028	7.7	666	353	214	41	27	52	4.6	0	315	24	14	15	0.96	0.60	1.64
620	Nagpur	Sirpur Toli	G/NG-029	7.3	502	266	199	35	27	23	4.07	0	226	16	21	24	0.28	0.17	-4.82
621	Nagpur	Khat	G/NG-030	7.9	861	456	250	47	32	56	2.04	0	369	48	32	7	2.22	0.46	-0.84

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
622	Nagpur	Borkhedi	G/NG-031	7.6	826	438	240	49	28	54	3.93	0	387	26	18	9	0.55	0.54	1.69
623	Nagpur	Chargaon (Punarwasi)	G/NG-032	7.7	858	454	286	45	41	56	1.22	0	357	31	28	39	0.54	0.48	-0.51
624	Nagpur	Nagpur_Ramdaspath	G/NG-035	7.9	693	367	199	43	22	55	1.39	0	303	41	16	4	2.49	0.49	-1.01
625	Nagpur	Lohara	G/NG-037	7.3	647	342	230	65	16	43	1.6	0	291	36	33	8	0.22	0.50	1.33
626	Nagpur	Nawegaon (Deshmukh)	G/NG-038	7.7	564	299	163	39	16	41	7.56	0	291	16	21	1	1.12	0.48	1.33
627	Nagpur	Kothulna	G/NG-039	7.7	2329	1233	648	110	89	125	6.73	0	714	232	71	45	1.26	0.89	2.36
628	Nagpur	Kanholi bara	G/NG-041	7.5	688	365	235	63	18	33	4.04	0	309	43	22	4	0.41	0.37	1.22
629	Nagpur	Makardhokda	G/NG-043	7.9	727	384	296	59	35	28	0.66	0	327	29	30	10	0.64	0.23	-1.72
630	Nagpur	Amgaon	G/NG-061	7.4	564	299	189	43	19	26	1.14	0	244	31	22	1	0.38	0.26	-0.77
631	Nagpur	Sawargaon	G/NG-062	7.5	824	436	286	47	40	24	3	0	321	48	21	13	0.34	0.19	-2.32
632	Nagpur	Mohpa	G/NG-063	7.8	877	465	291	49	40	48	1.94	0	345	36	28	30	1.25	0.46	0.42
633	Nagpur	Dhapewada	G/NG-064	7.5	1362	722	505	106	57	78	1.04	0	464	123	41	44	0.44	0.72	1.99
634	Nagpur	Koradi	G/NG-065	7.5	476	252	148	39	12	40	4.78	0	167	46	24	7	0.63	0.28	-7.14
635	Nagpur	Nagpur_Hanuman nagar	G/NG-066	7.5	1039	549	362	41	62	53	2.18	0	428	58	37	6	1.67	0.42	-0.43
636	Nagpur	Saoner-1	G/NG-080	7.9	1304	691	418	63	62	62	0.73	0	488	73	38	44	0.51	0.47	-0.37
637	Nagpur	Nandora	G/NG-083	7.8	397	210	138	27	17	28	2.66	0	149	14	64	4	0.45	0.31	-1.31
638	Nagpur	Takalghat	G/NG-084	7.6	2209	1170	627	127	74	109	88.05	0	928	155	59	47	0.58	0.83	6.96
639	Nagpur	Bhasali Takli	G/NG-085	7.8	1507	798	388	86	41	162	3.38	0	607	103	52	46	0.31	1.47	4.20
640	Nagpur	Pipaldol	G/NG-086	8	915	484	321	47	49	43	6.34	0	351	68	66	5	0.29	0.29	-4.47
641	Nagpur	Bhiwapur	G/NG-087	7.6	944	500	260	59	27	79	8.39	0	315	98	76	15	1.02	0.45	-9.48
642	Nagpur	Kharpada	G/NG-089	7.5	1345	760	367	84	38	53	9.18	0	315	96	82	46	0.25	0.50	-0.18
643	Nagpur	Malapur	G/NG-090	7.7	767	406	270	43	39	29	1.36	0	71	145	40	42	0.49	0.27	-4.38
644	Nagpur	Gonkhedi	G/NG-094	7.7	724	384	214	43	26	55	1.58	0	315	29	50	12	1.05	0.52	-0.20
645	Nagpur	Ridhora	G/NG-095	7.6	638	338	199	41	23	33	2.15	0	285	21	20	17	0.54	0.36	0.64
646	Nagpur	Nagpur_Wadi naka	G/NG-097	7.6	912	483	316	47	47	53	2.14	0	309	68	56	22	0.33	0.47	-1.08
647	Nagpur	Nagpur_Chinchbawan	G/NG-098	7.5	1542	818	352	84	34	158	11.11	0	494	120	87	44	0.69	1.26	0.70
648	Nagpur	Nagpur_Punapur	G/NG-099	7.5	990	524	275	63	28	82	11.41	0	208	140	78	2	0.19	0.85	-1.03
649	Nagpur	Nagpur_Koradi naka	G/NG-100	7.8	1591	844	347	86	32	165	9.83	0	494	190	14	8	0.54	1.48	2.23
650	Nagpur	Nagpur_Police line takli	G/NG-101	7.6	454	240	204	39	26	17	0.84	0	107	21	130	2	0.81	0.12	-7.28
651	Nagpur	Kuhi-1	G/NG-102	7.9	780	413	163	18	28	62	2.23	0	321	19	19	14	0.70	0.65	0.92
652	Nagpur	Tarsha	G/NG-103	7.5	2490	1318	821	178	90	143	58.65	0	732	220	178	36	0.51	1.06	3.37
653	Nagpur	Mohgaon Zelpi	G/NG-104	7.5	749	397	219	47	24	32	0.91	0	250	24	35	41	0.68	0.26	-3.01
654	Nagpur	Patansaongi-2	G/NG-105	8	560	297	209	65	11	34	1.59	0	309	14	8	14	0.45	0.27	-2.26
655	Nagpur	Lohgad	G/NG-106	7.5	908	480	321	47	49	36	2.99	0	291	46	42	47	0.27	0.25	-5.34
656	Nagpur	Singori	G/NG-107	7.7	557	295	209	43	24	43	1.09	0	244	24	29	27	0.44	0.45	-0.35
657	Nagpur	Tondakhairi	G/NG-109	7.7	825	436	301	47	44	39	15.51	0	381	36	19	37	0.74	0.28	-2.77
658	Nagpur	Metpanjara	G/NG-110	7.7	1391	737	469	125	38	39	6.32	0	369	113	87	30	0.48	0.29	-2.77
659	Nagpur	Sillori	G/NG-111	7.7	2343	1241	877	249	61	106	114.2	0	922	187	126	46	0.24	0.71	4.50
660	Nagpur	Khapri	G/NG-112	7.8	953	505	367	45	61	26	1.1	0	369	48	36	45	0.75	0.19	-3.04

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
661	Nagpur	Linga	G/NG-113	7.7	1476	782	418	47	72	63	63.78	0	529	86	75	46	0.54	0.41	-2.32
662	Nagpur	Kohli	G/NG-114	7.7	908	482	367	65	49	29	1.64	0	381	41	42	41	1.03	0.20	-3.68
663	Nagpur	Wasboli	G/NG-115	7.7	1141	569	326	43	52	40	12.84	0	387	53	41	44	0.62	0.30	-2.04
664	Nagpur	Ramgiri	G/NG-116	7.2	522	276	163	45	12	45	1.79	0	274	16	14	9	0.60	0.37	-2.43
665	Nagpur	Khairgaon	G/NG-117	7.3	1333	706	454	92	53	33	1.8	0	428	78	66	47	0.25	0.29	1.09
666	Nagpur	Satgaon	G/NG-118	7.7	1012	536	214	43	26	72	0.77	0	244	83	62	25	1.02	0.66	-1.67
667	Nagpur	Ashti	G/NG-119	7.8	782	414	301	65	33	37	1.23	0	375	19	26	41	0.76	0.33	0.08
668	Nagpur	Mohad	G/NG-120	7.7	2076	1100	622	139	66	130	3.06	0	464	294	68	16	0.26	0.94	-1.47
669	Nagpur	Mouda-1	G/NG-121	7.6	2288	1212	275	41	41	286	10.67	0	624	205	154	46	0.50	2.55	4.29
670	Nagpur	Hingna (Dhangarpura)	G/NG-122	7.6	664	352	250	25	45	33	1.55	0	321	21	23	23	0.32	0.28	-1.50
671	Nanded	Sikarghat (Amdura)	G/ND-003	7.6	1052	557	372	102	28	79	2.18	0	488	96	40	33	0.29	0.67	1.41
672	Nanded	Bhokar	G/ND-008	7.5	1879	997	541	129	52	97	22.7	0	494	249	57	42	0.13	0.58	-5.08
673	Nanded	Narwat	G/ND-015	7.6	1378	929	444	123	33	49	7.01	0	482	98	35	42	0.12	0.48	3.05
674	Nanded	Islapur	G/ND-016	7.7	480	254	163	47	11	32	5.26	0	226	26	21	3	0.30	0.22	-6.17
675	Nanded	Malegaon (II)	G/ND-025	7.7	1394	738	490	108	52	50	3.55	0	434	150	47	41	0.39	0.41	0.16
676	Nanded	Dhawari Buzurg	G/ND-027	7.6	1294	686	469	114	44	51	4.66	0	464	110	50	42	0.31	0.38	-1.10
677	Nanded	Barad	G/ND-029	7.6	1279	677	515	112	56	30	0.51	0	446	128	29	41	0.39	0.24	0.16
678	Nanded	Dorli	G/ND-033	7.7	3065	1625	571	82	87	199	50.17	0	613	334	53	42	0.33	1.22	-2.57
679	Nanded	Lahan	G/ND-037	7.6	1690	894	515	102	62	62	10.14	0	446	120	45	41	0.13	0.48	-0.54
680	Nanded	Narsi	G/ND-038	7.6	2096	1112	627	119	79	92	22.12	0	541	257	36	35	0.21	0.67	0.02
681	Nanded	Janapuri-1	G/ND-064	7.6	908	480	372	82	40	38	0.71	0	416	63	29	39	0.49	0.34	1.08
682	Nanded	Gokunda (Kinwat)-1	G/ND-067	7.7	1528	810	505	119	50	95	1.14	0	523	130	45	33	1.56	0.73	0.60
683	Nanded	Wadgaon (kh)	G/ND-068	7.4	787	417	214	31	33	79	1.39	0	285	101	36	8	4.91	0.74	-0.77
684	Nanded	Mathala	G/ND-069	7.6	741	393	393	72	51	19	2.1	0	345	46	32	38	0.46	0.13	-4.16
685	Nanded	Ardhapur-1	G/ND-070	7.2	679	360	296	67	30	34	2.43	0	333	41	28	1	0.42	0.30	-0.61
686	Nanded	Umri-Gortha	G/ND-071	7.6	1203	638	316	74	32	80	2.92	0	285	101	60	31	0.54	0.66	-2.20
687	Nanded	Biloli-1	G/ND-073	7.8	1171	621	403	51	66	103	1.09	0	565	21	66	11	2.18	0.70	-0.93
688	Nanded	Kapsi Gumta	G/ND-074	7.4	591	313	230	61	18	45	2.41	0	291	46	41	1	0.92	0.51	1.13
689	Nanded	Nanded	G/ND-078	7.4	1455	771	520	86	73	64	1.3	0	375	177	35	42	0.62	0.41	-5.16
690	Nanded	Dhanegaon	G/ND-079	7.4	2458	1307	780	178	80	129	1.98	0	607	309	71	41	0.58	0.90	0.18
691	Nanded	Police Wadi	G/ND-080	7.5	1818	962	724	43	147	105	1.71	0	732	153	67	41	0.45	0.57	-4.09
692	Nanded	Balegaon	G/ND-084	7.4	2392	1268	979	180	126	112	1.65	0	791	341	50	42	0.98	0.67	-0.09
693	Nanded	Kolambi	G/ND-085	7.7	973	496	439	53	73	39	0.92	0	547	34	24	42	0.55	0.25	-2.23
694	Nanded	Kandar-1	G/ND-086	7.5	1681	891	627	102	89	92	5.69	0	726	91	18	36	0.39	0.54	-2.04
695	Nanded	Manwari phata	G/ND-087	7.7	744	394	250	51	29	33	0.83	0	232	31	75	40	0.74	0.28	-2.88
696	Nanded	Somthana	G/ND-090	7.5	2274	1206	525	108	61	119	40.36	0	369	252	71	42	0.39	0.94	-1.61
697	Nanded	Karadkher-1	G/ND-091	7.6	848	449	321	55	44	40	0.72	0	410	38	27	32	1.23	0.25	-5.34
698	Nanded	Kuncheli	G/ND-092	7.5	962	510	372	47	61	38	1.33	0	369	66	37	42	0.50	0.25	-4.57
699	Nanded	Ambe Sangwi	G/ND-093	7.4	899	476	321	49	47	81	3.87	0	404	101	28	10	1.05	0.66	-0.43

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
700	Nanded	Barul	G/ND-94	7.6	1217	645	449	78	61	73	3.73	0	470	96	43	28	0.40	0.48	-3.11
701	Nanded	Wanwadi	G/ND-95	7.6	708	375	352	55	51	21	0.55	0	393	24	26	37	0.23	0.18	0.19
702	Nandurbar	Dhadgaon-1	T/NR-028	7.4	1157	613	428	112	35	62	1.01	0	506	76	19	43	0.59	0.53	1.71
703	Nandurbar	Nandurbar	T/NR-01	7.5	747	395	321	72	34	36	0.67	0	315	56	35	15	0.45	0.26	-3.86
704	Nandurbar	Visarwadi	T/NR-04	7.5	1046	554	439	86	53	40	1.85	0	404	78	68	44	0.55	0.27	-4.10
705	Nandurbar	Akalkuva	T/NR-11	7.4	1144	605	454	96	51	59	0.91	0	416	78	54	43	0.65	0.36	-5.64
706	Nandurbar	Vadkolambi	T/NR-015	7.5	418	222	153	43	11	26	1.4	0	208	16	14	2	0.27	0.38	1.19
707	Nandurbar	Khapar	T/NR-17	7.5	1151	610	439	106	41	40	1.25	0	393	71	89	44	0.35	0.30	-1.86
708	Nandurbar	Loy	T/NR-20	7.6	858	455	230	63	17	38	0.61	0	190	46	34	41	0.74	0.32	-3.38
709	Nandurbar	Nawapur2	T/NR-23	7.4	1154	611	439	80	57	58	0.95	0	488	76	47	43	0.55	0.48	1.15
710	Nandurbar	KHUNTAMODI	T/NR-24	7.8	1648	875	520	53	92	148	0.69	0	547	140	78	44	1.04	1.04	-0.57
711	Nandurbar	Sundarde	T/NR-27	7.3	1679	887	525	104	63	50	2.21	0	375	177	79	44	0.37	0.38	-2.12
712	Nandurbar	Wadali	T/NR-29	7.5	1165	618	485	133	36	38	1.35	0	434	78	48	43	0.34	0.25	-3.43
713	Nandurbar	Kathi	T/NR-032	7.6	696	368	270	86	13	25	0.66	0	268	46	37	24	0.33	0.27	0.23
714	Nandurbar	Ashti	T/NR-035	7.5	420	222	168	53	9	23	1.47	0	208	19	14	5	0.26	0.36	1.49
715	Nandurbar	Ghuli	T/NR-036	7.5	4005	2118	1301	170	209	215	30.44	0	648	716	55	44	0.55	1.08	-8.10
716	Nandurbar	Dekhwad	T/NR-037	7.5	1177	624	449	112	40	38	1.41	0	315	71	88	43	0.34	0.37	0.23
717	Nandurbar	Bhardu	T/NR-038	7.6	692	366	245	63	21	24	0.66	0	250	41	30	25	0.26	0.23	-0.87
718	Nashik	Deolali	G/NS-002	7.5	1810	957	479	117	45	91	7.59	0	434	165	19	45	0.36	0.82	1.27
719	Nashik	Vani	G/NS-003	7.6	429	227	148	41	11	23	1.52	0	202	19	12	12	0.28	0.24	-1.16
720	Nashik	Andarsul	G/NS-004	7.5	3188	1689	796	74	146	217	2.04	0	761	309	84	45	0.62	1.23	-2.17
721	Nashik	Pimpalgaon Baswant	G/NS-013	7.5	1488	788	627	125	75	51	1.26	0	470	128	86	43	0.41	0.39	-0.54
722	Nashik	Sinnar	G/NS-015	7.6	2735	1448	699	127	91	213	93	0	767	277	116	45	0.61	1.39	1.40
723	Nashik	Raslapur	G/NS-017	7.3	4205	2230	1352	166	224	255	39.68	0	946	617	120	43	0.51	1.22	-5.25
724	Nashik	Trimbakeswar	G/NS-018	7.5	426	225	148	27	19	25	1.56	0	178	21	16	20	0.27	0.18	-6.43
725	Nashik	Dindori	G/NS-019	7.4	1137	603	413	98	40	55	0.96	0	327	91	51	42	0.53	0.47	-1.10
726	Nashik	Nandur Shirgate	G/NS-021	7.6	1088	577	434	102	43	30	1.4	0	387	63	62	44	0.43	0.27	0.59
727	Nashik	Vasali	G/NS-022	7.5	523	277	179	43	17	17	2.1	0	167	21	39	8	0.35	0.24	0.31
728	Nashik	Rajapur	G/NS-036	7.6	2165	1148	791	39	165	186	2.3	0	928	172	78	45	0.78	1.01	-0.94
729	Nashik	Nalegaon	G/NS-041	7.6	1181	626	362	61	50	42	1.04	0	315	81	45	44	0.59	0.35	-1.69
730	Nashik	Karanjali	G/NS-042	7.5	4044	2144	1280	151	215	306	1.73	0	1023	579	140	45	0.66	1.46	-4.10
731	Nashik	Mhasrul	G/NS-044	7.6	1177	624	485	61	79	32	1.43	0	375	81	63	44	0.49	0.25	-1.58
732	Nashik	Dahalewadi	G/NS-045	7.7	429	227	112	25	12	20	1.61	0	149	14	8	4	0.29	0.25	-0.70
733	Nashik	Khambale	G/NS-049	7.7	426	226	117	31	10	20	1.62	0	143	21	13	5	0.35	0.22	-1.72
734	Nashik	Peinth	G/NS-050	7.7	2166	1148	638	33	132	125	2.5	0	767	175	73	45	1.02	0.75	-0.47
735	Nashik	Savargaon	G/NS-053	7.8	1890	1001	485	65	77	184	23.63	0	648	138	70	46	0.90	1.29	1.06
736	Nashik	Chachadgaon	G/NS-055	7.6	428	227	128	43	5	23	1.61	0	208	11	8	3	0.44	0.27	-0.15
737	Nashik	Dhundegaon	G/NS-056	7.6	751	398	316	72	33	34	0.68	0	309	53	29	13	0.63	0.30	-1.20
738	Nashik	Baragaon Pimpri	G/NS-079	7.6	1206	639	362	53	55	46	2.19	0	297	91	53	45	0.69	0.37	-2.48

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
739	Nashik	Vinchur-1	G/NS-082	7.5	428	226	143	41	10	24	1.62	0	190	14	12	3	0.41	0.26	-0.94
740	Nashik	Malwadi-1	G/NS-084	7.7	1134	601	357	74	41	63	2.1	0	375	78	58	44	0.80	0.52	-0.93
741	Nashik	Angangaon	G/NS-085	7.6	1381	731	459	47	81	44	2.01	0	488	78	45	46	0.71	0.29	-2.58
742	Nashik	Purangaon-Jalgaon	G/NS-086	7.5	3853	2043	1183	155	190	300	27.29	0	648	716	110	44	0.40	1.33	-13.34
743	Nashik	Nashik_city-I	G/NS-090	7.6	1211	642	469	63	74	46	2.03	0	375	93	53	45	0.76	0.32	-3.43
744	Nashik	Nashik_city-II	G/NS-091	7.8	701	371	224	45	27	27	0.69	0	190	43	29	31	0.45	0.31	-0.41
745	Nashik	Pate	G/NS-092	7.6	427	226	117	20	16	25	1.54	0	107	16	51	4	0.39	0.34	-0.77
746	Nashik	Wadholi	G/NS-093	7.6	1157	613	321	51	46	58	0.63	0	387	73	7	45	0.78	0.53	0.70
747	Nashik	Shinde-1	G/NS-095	7.7	699	369	301	55	39	26	0.83	0	309	41	24	28	0.45	0.24	-0.38
748	Nashik	Pathre Bk	G/NS-097	7.6	1141	605	377	63	52	59	0.81	0	387	73	46	45	0.77	0.47	-1.23
749	Nashik	Marhal Kh	G/NS-098	7.5	507	268	204	25	34	22	1.4	0	208	21	31	6	0.55	0.18	-3.67
750	Nashik	Wadgaon Pimpala	G/NS-099	7.7	681	360	281	43	41	30	0.71	0	291	41	26	24	0.43	0.21	-5.25
751	Nashik	Umrade Bk	G/NS-103	7.5	1153	611	403	65	57	60	0.7	0	476	76	39	45	0.83	0.38	-4.25
752	Nashik	Dhotarkheda	G/NS-108	7.7	1098	581	250	43	34	64	1.52	0	250	76	54	44	0.86	0.40	-8.09
753	Nashik	Chikhalohol	T/NS-005	7.6	1365	723	388	65	53	45	1.22	0	375	78	40	46	0.83	0.42	0.72
754	Nashik	Kokanwadi	T/NS-006	7.5	1139	603	265	63	26	55	0.73	0	250	83	38	44	0.94	0.49	-1.98
755	Nashik	Satana	T/NS-010	7.5	1826	969	413	72	56	84	5.74	0	309	163	56	46	0.62	0.59	-4.63
756	Nashik	Karanjagavan	T/NS-023	7.6	2734	1448	617	57	113	200	60.53	0	565	279	125	46	1.03	1.35	-1.06
757	Nashik	Sakora	T/NS-030	7.5	1172	621	464	65	72	58	0.89	0	470	76	43	45	1.00	0.44	-0.65
758	Nashik	Gangawadi	T/NS-033	7.5	1147	607	423	74	57	59	0.74	0	488	78	32	44	0.87	0.41	-2.01
759	Nashik	Kone	T/NS-035	7.5	1459	774	617	78	101	54	0.91	0	529	103	59	45	0.62	0.31	-5.23
760	Nashik	Dalwat	T/NS-038	7.4	2098	1361	719	168	72	132	1.21	0	137	609	92	45	0.63	0.72	-13.65
761	Nashik	Jhodga	T/NS-051	7.4	1365	724	413	69	57	44	1.39	0	369	76	40	46	0.97	0.28	-5.90
762	Nashik	Nandgaon	T/NS-054	7.5	879	468	224	27	38	69	1.74	0	250	61	42	42	1.02	0.54	-3.70
763	Nashik	Manmad-1	T/NS-080	7.3	869	460	301	25	57	39	0.51	0	309	51	28	44	1.14	0.28	-3.81
764	Nashik	Deola-1	T/NS-081	7.4	695	368	265	37	41	27	0.52	0	238	41	28	35	0.48	0.22	-3.48
765	Nashik	Toharabad-1	T/NS-083	7.3	1252	662	367	45	61	79	0.53	0	369	108	36	45	0.62	0.62	-1.71
766	Nashik	Nampur-1	T/NS-087	7.3	520	276	230	65	16	26	1.71	0	268	16	34	3	0.38	0.26	-0.48
767	Nashik	Virgaon	T/NS-088	7.5	1187	628	408	86	46	70	1.2	0	434	61	50	41	0.65	0.56	-0.25
768	Nashik	Umrane-1	T/NS-089	7.5	1912	1014	566	133	56	115	8.21	0	589	160	62	43	0.43	0.87	1.38
769	Nashik	Agang	T/NS-105	7.4	2509	1329	556	147	45	243	12.43	0	910	252	73	43	0.44	1.93	7.44
770	Nashik	Jaikheda	T/NS-106	7.4	4135	2191	1234	188	182	272	1.85	0	767	587	176	44	0.50	1.40	-5.38
771	Nashik	Gosrane	T/NS-107	7.8	718	380	250	20	47	35	1	0	393	19	8	2	1.26	0.28	-1.04
772	Nashik	Ravalgaon	T/NS-009	7.5	1174	624	485	80	68	73	1.07	0	547	71	38	42	0.54	0.49	-1.53
773	Nashik	Pimpalkothe	T/NS-111	7.7	1228	651	434	102	43	59	2.3	0	416	76	53	42	0.56	0.49	-0.04
774	Nashik	Borgaon	T/NS-112	7.8	713	378	316	20	63	38	0.99	0	428	19	6	8	1.33	0.27	-2.36
775	Nashik	Ambapur-Shivar	T/NS-113	7.4	430	228	153	49	7	30	1.69	0	196	14	14	15	0.39	0.33	-0.75
776	Osmanabad	Lohara Buzurg	G/OS-036	7.4	1146	608	469	106	49	57	10.61	0	375	143	64	5	0.40	0.47	-0.71
777	Osmanabad	Vadgaon Siddheswar	G/OS-037	7.5	1244	658	530	112	60	64	11.62	0	446	133	66	28	0.32	0.46	-1.87

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
778	Osmanabad	Dhoki	G/OS-046	7.4	2712	1437	944	200	106	127	2.79	0	732	299	90	44	0.62	0.82	0.74
779	Osmanabad	Yedshi	G/OS-059	7.6	2030	1076	643	145	67	121	13.17	0	511	254	76	20	0.43	1.02	1.76
780	Osmanabad	Wasi-1	G/OS-061	7.5	1006	533	556	94	77	34	3.15	0	517	71	66	42	0.45	0.26	0.24
781	Osmanabad	Paranda-1	G/OS-062	7.5	1110	588	418	84	50	67	7.9	0	410	125	70	10	0.68	0.58	0.38
782	Osmanabad	Dhoral-1	G/OS-063	7.6	914	484	377	80	43	32	1.25	0	268	81	48	42	0.78	0.30	-0.85
783	Osmanabad	Karajkheda	G/OS-068	7.8	668	354	367	55	55	27	1.06	0	381	36	45	18	0.97	0.21	-1.32
784	Osmanabad	Govindpur	G/OS-070	7.4	1787	948	704	72	125	81	7.12	0	517	205	71	42	0.61	0.46	-6.00
785	Osmanabad	Shiradhon	G/OS-071	7.7	1783	945	709	72	126	80	7.18	0	624	160	60	40	0.48	0.43	-5.77
786	Osmanabad	Kalamb-1	G/OS-072	7.8	679	360	260	74	18	23	4.08	0	274	36	49	12	0.53	0.23	-0.08
787	Osmanabad	Bhum-1	G/OS-074	7.4	948	502	377	76	45	55	3.22	0	351	66	50	26	0.41	0.42	-2.23
788	Osmanabad	Pethsangavi	G/OS-079	7.7	800	427	383	59	56	68	6.59	0	517	46	44	31	0.59	0.57	1.84
789	Osmanabad	Babhalsur-1	G/OS-080	7.6	770	408	357	72	43	23	3.42	0	321	31	50	34	0.54	0.21	-0.68
790	Osmanabad	Gandora	K/OS-003	7.7	1245	660	469	98	53	24	5.04	0	369	83	78	43	0.53	0.19	-1.42
791	Osmanabad	Turori	K/OS-010	7.6	1670	884	617	67	107	80	3.81	0	506	160	54	42	0.78	0.52	-3.06
792	Osmanabad	Takiwiki	K/OS-027	7.5	975	518	316	84	26	89	5.17	0	387	73	60	13	0.71	0.94	2.09
793	Osmanabad	Pimpalwandi	K/OS-030	7.7	1751	928	556	67	92	36	12.18	0	274	202	69	17	0.58	0.21	-9.95
794	Osmanabad	Mouje Barul	K/OS-034	7.7	667	354	240	57	23	29	1.39	0	220	26	40	21	1.39	0.24	-3.09
795	Osmanabad	Sonari	K/OS-039	7.6	1396	739	520	86	73	58	16.03	0	482	148	80	32	1.13	0.42	-1.27
796	Osmanabad	Wakwad	K/OS-040	7.6	595	315	332	51	49	27	5.05	0	387	16	43	41	0.44	0.18	-4.50
797	Osmanabad	Pathrud3	K/OS-060	7.5	452	240	173	22	28	35	5.06	0	190	26	38	2	0.70	0.30	-3.16
798	Osmanabad	Tuljapur-3	K/OS-065	7.9	933	494	250	39	36	76	1.99	0	268	86	62	20	1.77	0.67	-1.78
799	Osmanabad	Suratgaon-1	K/OS-066	7.8	2252	1192	316	45	49	115	17.13	0	268	180	91	19	0.71	0.85	-4.31
800	Osmanabad	Andur	K/OS-067	7.8	407	216	199	35	27	20	1.75	0	250	14	26	0	0.52	0.20	-0.66
801	Osmanabad	Sarola	K/OS-077	7.8	503	266	204	61	12	25	3.31	0	190	24	48	24	0.49	0.30	-0.12
802	Osmanabad	Umerga	K/OS-081	7.6	1445	769	515	84	73	85	6.91	0	470	128	72	40	0.88	0.59	-2.28
803	Osmanabad	Jalkot-3	K/OS-082	7.7	1274	674	530	112	60	36	0.87	0	291	153	61	42	0.45	0.31	-1.65
804	Osmanabad	Chilvadi	K/OS-083	7.8	1222	648	520	61	87	27	4.63	0	470	88	60	43	0.85	0.20	-1.13
805	Osmanabad	Kukadgaon	G/OS-044	7.7	3364	1781	847	86	151	303	19.87	0	1124	388	130	44	0.95	1.80	5.00
806	Parbhani	Chikhalthana	G/PB-001	7.4	679	360	240	41	33	38	1.19	0	345	14	15	33	0.77	0.35	0.20
807	Parbhani	Gojegaon	G/PB-006	7.5	756	400	286	49	39	35	1.59	0	315	34	20	39	0.53	0.34	0.23
808	Parbhani	Todkalas	G/PB-024	7.5	742	394	168	61	4	83	6.54	0	285	56	36	3	0.69	0.92	0.81
809	Parbhani	Pedgaon2	G/PB-027	7.6	1503	796	556	51	102	49	0.75	0	607	113	32	42	0.51	0.34	0.01
810	Parbhani	Panchegaon-1	G/PB-033	7.6	448	237	194	43	21	39	1	0	208	19	37	39	0.65	0.47	0.18
811	Parbhani	Anjanawadi-1	G/PB-036	7.4	1674	887	638	137	70	90	1.86	0	601	130	53	43	0.58	0.66	0.99
812	Parbhani	Wadgaon	G/PB-037	7.7	636	337	301	96	15	22	1.7	0	285	53	32	35	0.38	0.25	0.93
813	Parbhani	Walur-1	G/PB-041	7.8	675	358	260	63	24	27	0.89	0	250	41	15	40	0.41	0.25	-1.48
814	Parbhani	Pathri-1	G/PB-042	7.6	1369	725	515	137	41	53	1.24	0	494	108	66	41	0.44	0.50	2.75
815	Parbhani	Devgaon	G/PB-043	7.7	1098	582	444	80	58	69	0.95	0	488	53	37	43	0.75	0.56	0.75
816	Parbhani	Avalgaon	G/PB-044	7.8	1224	648	505	63	83	92	0.88	0	529	150	29	4	0.76	0.68	0.04

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
817	Parbhani	Gangakhed-3	G/PB-045	7.8	728	386	275	94	10	50	0.77	0	315	34	45	22	0.91	0.55	1.20
818	Parbhani	Kola	G/PB-048	7.9	901	477	326	51	47	38	2.46	0	345	34	34	42	1.18	0.31	-1.61
819	Parbhani	Wadi Pati	G/PB-049	7.8	530	281	214	45	24	41	3.13	0	232	43	42	6	0.47	0.44	-0.24
820	Parbhani	Bori	G/PB-050	7.8	830	439	321	80	29	41	0.65	0	375	21	33	42	0.52	0.43	1.91
821	Parbhani	Karegaon	G/PB-051	7.9	1093	539	403	31	78	92	1.2	0	529	58	26	35	1.58	0.76	1.77
822	Parbhani	Bangri	G/PB-053	7.9	763	404	265	33	44	39	3.02	0	309	38	47	7	0.81	0.33	-1.69
823	Parbhani	Loni	G/PB-054	7.9	1117	592	403	20	84	91	1.31	0	422	105	69	3	2.14	0.63	-3.04
824	Parbhani	Tarborgaon	G/PB-055	8	820	434	286	55	35	52	0.96	0	315	36	27	42	0.88	0.47	-0.69
825	Parbhani	Jhari-1	G/PB-056	7.9	1021	571	321	35	56	88	1	0	577	16	20	40	1.12	0.71	2.10
826	Parbhani	Dhar	G/PB-057	8	624	330	245	72	16	36	0.69	0	291	34	35	37	0.48	0.46	1.84
827	Parbhani	Amberwadi	G/PB-058	7.7	391	207	133	31	13	27	4.21	0	167	24	20	2	0.81	0.30	-1.12
828	Pune	Patas	K/PN-001	8	1579	838	449	31	89	68	118.19	0	672	120	12	41	0.71	0.47	1.17
829	Pune	Shirur	K/PN-006	7.9	2182	1155	877	61	173	87	7.33	0	732	289	40	16	0.28	0.45	-5.58
830	Pune	Sakurde	K/PN-008	7.9	840	445	362	51	56	34	0.92	0	369	51	23	38	0.00	0.27	-1.62
831	Pune	Otur	K/PN-010	8	743	393	316	72	33	62	0.85	0	410	41	0	40	0.05	0.59	1.48
832	Pune	Kalamb	K/PN-011	7.9	1488	789	546	39	107	87	0.55	0	761	76	0	40	0.38	0.55	0.82
833	Pune	Rajgurnagar (Khed)	K/PN-012	8.1	573	303	204	49	19	50	0.41	0	285	43	2	5	0.01	0.71	2.37
834	Pune	Narayangaon	K/PN-016	8	872	463	301	37	50	60	0.52	0	375	51	10	40	0.25	0.54	0.21
835	Pune	Nimbgaon-Ketke	K/PN-019	7.9	1678	889	571	63	98	96	1.8	0	589	205	28	40	0.28	0.66	-0.49
836	Pune	Shivpur Khed	K/PN-023	7.8	692	367	296	67	30	24	1.67	0	315	53	0	17	0.01	0.22	-0.50
837	Pune	Pimpri (Kh) Malvasti	K/PN-032	8	667	353	265	41	39	33	0.87	0	297	24	13	25	0.03	0.31	-0.37
838	Pune	Ane	K/PN-027	8	624	330	240	37	35	31	0.81	0	303	31	9	35	0.23	0.27	-1.19
839	Pune	Wehle	K/PN-034	7.8	216	118	66	10	10	15	8.76	0	113	19	0	2	0.00	0.19	-1.09
840	Pune	Bhadalwadi	K/PN-036	7.8	1537	814	505	63	83	116	11.83	0	648	158	41	23	0.81	0.84	1.68
841	Pune	Narayanpur	K/PN-039	7.7	731	387	306	61	36	38	0.92	0	315	61	13	38	0.00	0.39	0.64
842	Pune	Dorlewadi	K/PN-043	7.9	906	479	352	59	49	51	1.22	0	422	51	26	36	0.01	0.45	0.88
843	Pune	Dhumalwadi	K/PN-044	8.1	1187	630	428	55	69	79	1.45	0	529	108	18	37	0.04	0.66	1.96
844	Pune	Jejuri	K/PN-046	8	363	192	133	33	12	18	0.45	0	190	14	0	1	0.04	0.24	0.49
845	Pune	Pangre Sailar Basti	K/PN-052	7.7	611	324	250	55	27	30	0.61	0	315	29	0	16	0.06	0.34	1.54
846	Pune	Undavri Kade Pathar	K/PN-054	8.1	1056	529	398	51	64	91	2.99	0	529	63	16	3	1.05	0.74	1.54
847	Pune	Parne	K/PN-055	8	2000	1060	785	67	147	105	1.66	0	791	195	41	38	0.31	0.61	-1.07
848	Pune	Junnar	K/PN-056	7.7	1063	563	372	61	52	85	1.52	0	488	71	0	31	0.02	0.77	2.16
849	Pune	Kolwan	K/PN-058	8	433	229	153	51	6	40	0.64	0	244	16	0	0	0.00	0.60	1.86
850	Pune	Bukum	K/PN-059	7.9	824	436	296	57	36	62	0.92	0	375	58	0	19	0.01	0.67	2.12
851	Pune	Mulshi	K/PN-060	7.9	151	80	56	14	5	10	0.16	0	54	14	17	0	0.00	0.15	-1.15
852	Pune	Lonawala	K/PN-061	7.7	358	190	148	37	13	13	0.32	0	190	21	0	4	0.00	0.17	0.18
853	Pune	Loni (Ambegaon)	K/PN-062	8.1	702	372	240	41	33	49	0.68	0	315	34	0	19	0.52	0.48	0.22
854	Pune	Karanje	K/PN-063	7.8	873	462	291	63	32	62	0.89	0	303	81	32	7	0.10	0.66	0.74
855	Pune	Pune	K/PN-065	8	749	397	306	41	49	39	0.84	0	416	29	0	5	0.02	0.31	-0.44

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
856	Pune	Pabal New	K/PN-071	7.7	1386	734	439	65	66	112	1.86	0	553	105	20	38	0.32	0.91	1.83
857	Pune	Shikrapur	K/PN-072	7.6	1522	806	581	43	113	103	7.36	0	666	123	33	30	0.24	0.62	-2.26
858	Pune	Kharabwadi	K/PN-073	7.5	1269	672	500	43	94	44	3.3	0	494	98	0	28	0.05	0.29	-2.47
859	Pune	Kolawade	K/PN-074	7.9	495	262	250	31	41	13	0.98	0	244	26	16	9	0.01	0.12	-1.75
860	Pune	Kasurdi-1	K/PN-075	7.8	547	289	245	41	34	20	0.62	0	262	43	0	4	0.01	0.22	0.27
861	Pune	Kamatwadi-Walha	K/PN-076	7.7	954	506	383	20	79	50	0.95	0	434	71	0	19	0.07	0.36	-2.04
862	Pune	Ausari Khurd-1	K/PN-077	8	400	212	153	33	17	21	0.42	0	178	21	6	3	0.21	0.27	-0.01
863	Pune	Uruli Kanchan-1	K/PN-078	8.2	760	402	235	29	39	78	0.61	0	339	58	7	17	0.16	0.66	-1.11
864	Pune	Kamshet	K/PN-079	7.7	809	429	372	37	67	36	0.82	0	434	86	1	2	0.03	0.32	1.00
865	Pune	Nhavare-1	K/PN-080	7.8	1069	567	418	39	77	54	1.48	0	297	150	10	32	0.26	0.43	-2.45
866	Pune	Kamunde	K/PN-081	8.1	513	272	209	31	32	22	0.36	0	256	19	0	14	0.11	0.23	-0.04
867	Pune	Ale-1	K/PN-082	8.1	659	349	265	33	44	35	1.18	0	297	31	24	34	0.10	0.31	-0.97
868	Pune	Belhe-1	K/PN-083	8	759	402	311	20	62	61	0.72	0	422	41	0	37	0.31	0.52	0.39
869	Pune	Khadki	K/PN-084	7.8	959	509	347	33	63	71	0.81	0	476	86	0.3	12	0.11	0.56	0.15
870	Pune	Zendewadi-1	K/PN-085	7.9	945	500	367	37	66	45	0.86	0	410	68	6	12	0.12	0.35	-1.22
871	Pune	Wagholi-1	K/PN-086	7.9	1433	460	530	45	100	84	6.35	0	565	133	35	37	0.30	0.58	-0.57
872	Pune	Baramati	K/PN-087	7.9	390	206	128	33	11	31	0.27	0	178	19	2	3	0.03	0.32	-1.55
873	Beed	Kalegaon	G/BD-089	8	592	314	250	65	21	17	2.53	0	256	38	22	20	0.25	0.26	2.19
874	Beed	Shirsadevi	G/BD-090	8.4	813	431	270	37	43	51	4.34	0	404	21	20	39	1.41	0.55	2.62
875	Beed	Chausala	G/BD-091	7.7	797	423	321	78	30	23	0.68	0	345	38	29	38	0.12	0.22	0.50
876	Beed	Kasari	G/BD-093	8	728	385	306	57	39	43	0.82	0	363	38	24	19	1.27	0.39	0.09
877	Raigad	Veshwi	C/RG-001	7.9	467	248	199	47	19	15	0.31	0	226	26	7	12	0.14	0.17	-0.14
878	Raigad	Varandha	C/RG-003	7.7	207	109	87	25	6	8	0.12	0	95	16	2	4	0.04	0.09	-1.80
879	Raigad	Kharapati	C/RG-005	7.7	456	242	184	53	12	16	0.58	0	190	31	28	11	0.01	0.17	-0.94
880	Raigad	Poladpur	C/RG-006	7.7	313	166	122	31	11	16	0.61	0	137	19	3	21	0.01	0.20	-0.80
881	Raigad	Hudhre Budruk (Karjat	C/RG-010	7.8	625	331	250	69	18	26	0.48	0	291	51	11	5	0.01	0.24	-1.01
882	Raigad	Chandore	C/RG-011	7.8	85	45	41	12	2	4	0.13	0	30	11	8	6	0.00	0.05	-2.26
883	Raigad	Bilji (Umta)	C/RG-012	7.8	260	138	92	20	10	14	0.61	0	77	14	25	10	0.01	0.23	-0.55
884	Raigad	Chinchwad	C/RG-014	7.8	203	108	92	33	2	1	0.38	0	71	11	19	2	0.01	0.01	-1.68
885	Raigad	Sochinde	C/RG-016	7.7	494	262	179	45	16	33	0.41	0	190	46	12	29	0.01	0.45	0.60
886	Raigad	Khutal	C/RG-017	8	301	159	122	29	12	13	0.38	0	167	11	1	10	0.03	0.16	-0.31
887	Raigad	Neral	C/RG-018	7.7	658	349	255	49	32	33	0.51	0	250	66	25	38	0.02	0.37	0.37
888	Raigad	Jite	C/RG-020	7.8	367	194	163	51	9	15	0.63	0	131	38	28	9	0.01	0.20	-0.60
889	Raigad	Kargaon	C/RG-023	8	308	163	143	33	15	10	0.79	0	167	11	0	1	0.00	0.12	-0.41
890	Raigad	Phugaon	C/RG-025	7.9	588	311	270	72	22	27	1.18	0	238	46	27	38	0.00	0.26	-1.37
891	Raigad	Kelte	C/RG-027	8	74	39	31	6	4	1	0.87	0	18	9	0	8	0.00	0.01	-2.66
892	Raigad	Saigaon Govalwadi	C/RG-028	7.8	101	53	31	10	1	8	0.76	0	30	14	0	7	0.00	0.14	-1.04
893	Raigad	Kumbharcha Kosta Bk	C/RG-029	7.7	499	264	194	53	15	26	0.41	0	238	51	0	13	0.00	0.36	1.37
894	Raigad	Poynad	C/RG-032	8.1	805	427	265	53	32	65	0.36	0	434	56	11	5	0.00	0.83	4.21

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
895	Raigad	Nagaon	C/RG-033	7.8	623	330	250	45	33	33	0.91	0	250	66	13	5	0.00	0.41	0.99
896	Raigad	Temple	C/RG-034	7.7	486	258	179	57	9	36	0.38	0	238	34	0	21	0.00	0.68	2.59
897	Raigad	Pali	C/RG-035	8	660	349	245	61	22	64	0.64	0	315	53	0	26	0.00	0.88	2.65
898	Raigad	Khalapur	C/RG-036	7.9	305	161	122	43	4	20	0.35	0	167	16	0	2	0.00	0.61	2.23
899	Raigad	Vadkhal	C/RG-037	7.9	886	470	296	86	19	72	1.82	0	398	105	10	10	0.00	1.03	4.22
900	Raigad	Ajivali-1	C/RG-042	8	592	314	219	51	22	36	0.36	0	339	21	5	5	0.00	0.50	3.14
901	Raigad	Navade-1	C/RG-044	8.2	2256	1196	760	20	169	136	33.43	0	672	371	27	5	0.01	0.78	-3.29
902	Raigad	Valvade Shababaj	C/RG-046	7.9	676	358	255	53	29	37	0.68	0	256	76	9	33	0.00	0.49	1.49
903	Raigad	Madegaon	C/RG-047	8	268	142	128	25	16	18	0.21	0	107	31	0	28	0.00	0.32	0.25
904	Raigad	Vadva Bk	C/RG-049	8.1	923	488	383	41	67	36	1.16	0	488	51	0	23	0.00	0.32	1.98
905	Raigad	Kude	C/RG-050	7.9	191	101	82	22	6	5	0.18	0	71	6	15	11	0.00	0.08	-0.86
906	Raigad	Shenvai-1	C/RG-051	7.9	348	184	128	41	6	14	0.54	0	167	16	0	3	0.00	0.36	2.03
907	Raigad	Sukeli	C/RG-052	7.9	423	224	163	39	16	18	1.37	0	178	41	0	9	0.00	0.31	1.32
908	Raigad	Indapur-1	C/RG-053	7.4	819	434	332	69	38	40	3.89	0	250	103	38	21	0.00	0.39	-0.84
909	Raigad	Kembulde	C/RG-054	7.5	434	230	148	53	4	36	1.12	0	184	34	0	29	0.00	0.93	2.31
910	Raigad	Nagothane	C/RG-007	7.8	311	165	128	29	13	11	0.61	0	131	24	0	8	0.00	0.20	0.74
911	Raigad	Dapoli	C/RG-024	7.7	280	148	128	27	15	17	0.13	0	113	34	0	29	0.00	0.31	0.45
912	Ratnagiri	Jaigarh	C/RN-003	7.2	68	36	20	6	1	4	4.57	0	36	4	2	0.06	0.08	0.08	-0.64
913	Ratnagiri	Raipatan	C/RN-006	7.3	94	49	41	8	5	2	5.4	0	42	11	1	0	0.06	0.04	-0.43
914	Ratnagiri	Kamathe	C/RN-007	7	178	94	56	12	6	15	5.02	0	83	16	2	3	0.06	0.39	0.66
915	Ratnagiri	Dhamni	C/RN-008	6.8	202	107	61	14	6	15	6.24	0	89	19	3	2	0.05	0.23	-0.57
916	Ratnagiri	Devghar	C/RN-010	6.5	54	28	26	4	4	2	0.5	0	18	6	7	0	0.02	0.04	-1.03
917	Ratnagiri	Vakvali	C/RN-011	6.5	130	69	51	14	4	5	7.79	0	59	11	2	0.4	0.03	0.13	0.27
918	Ratnagiri	Agave	C/RN-012	7.2	311	165	61	12	7	30	8	0	119	16	6	3	0.08	0.73	1.15
919	Ratnagiri	Ambed Budruk	C/RN-015	6.5	111	59	41	8	5	7.16	1.44	0	59	6	3	0	0.04	0.20	0.37
920	Ratnagiri	Jakadevi	C/RN-017	6.7	104	55	41	6	6	4	1.02	0	42	6	1	4	0.04	0.07	-0.74
921	Ratnagiri	Kalambani	C/RN-018	6.8	74	39	31	4	5	4.18	3.89	0	42	4	2	0	0.05	0.08	-0.64
922	Ratnagiri	Rajapur	C/RN-019	6.2	99	52	36	10	2	6.05	0.72	0	48	9	1	0	0.03	0.14	-0.13
923	Ratnagiri	Mahapral	C/RN-021	7	326	172	128	31	12	17.11	1.19	0	125	34	4	0.05	0.04	0.28	0.23
924	Ratnagiri	Dapoli	C/RN-022	6.2	66	34	26	4	4	3	0.74	0	24	6	4	1	0.03	0.10	-0.01
925	Ratnagiri	Kashedi	C/RN-023	7	130	69	36	6	5	5.62	1.08	0	48	4	1	0	0.05	0.13	-0.13
926	Ratnagiri	Valops Buddhvadi	C/RN-024	7.3	555	294	204	37	27	18.45	1.89	0	172	51	21	27	0.05	0.26	0.42
927	Ratnagiri	Oni	C/RN-025	6.1	138	73	41	8	5	7.33	5.19	0	59	9	6	0.3	0.05	0.21	0.37
928	Ratnagiri	Saitwade	C/RN-027	6.9	127	67	36	6	5	7.93	1.99	0	48	9	1	2	0.04	0.19	-0.03
929	Ratnagiri	Jalgaon	C/RN-028	6.3	62	33	31	4	5	5.67	0.84	0	36	6	2	0.1	0.03	0.11	-0.73
930	Ratnagiri	Dabhol	C/RN-029	7.5	590	313	82	22	6	98.25	9.63	0	315	19	9	2	0.08	1.86	3.85
931	Ratnagiri	Pimper	C/RN-031	6.5	203	107	61	14	6	9.21	5.16	0	77	14	8	0	0.04	0.17	-0.15
932	Ratnagiri	Dugvay	C/RN-032	6	49	26	20	4	2	2	0.57	0	30	1	0	0.3	0.03	0.07	0.08
933	Ratnagiri	Chiplun	C/RN-033	7.3	495	262	158	31	19	19.34	5.61	0	149	56	13	3	0.12	0.26	-0.18

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
934	Ratnagiri	Pomendi (Kh)	C/RN-034	6.5	274	146	97	20	11	11.8	0.85	0	36	53	3	7	0.04	0.19	-1.34
935	Ratnagiri	Dabhola	C/RN-035	6.9	165	87	61	8	10	6.33	0.97	0	65	11	0.5	1	0.04	0.14	0.17
936	Ratnagiri	Solgaon	C/RN-036	6.5	62	33	20	4	2	1	1	0	18	6	1	0.5	0.05	0.02	-0.52
937	Ratnagiri	Karanjani	C/RN-039	6.2	93	49	31	4	5	1	2.1	0	30	6	0.05	1	0.02	0.02	-0.83
938	Ratnagiri	Kumble	C/RN-040	7.1	285	150	112	18	16	11.19	2.96	0	119	26	6	5	0.02	0.21	0.55
939	Ratnagiri	Mandangarh	C/RN-041	6.6	262	139	102	18	13	7	4.07	0	107	16	1	2	0.02	0.13	0.45
940	Ratnagiri	Muchari (Bhatadewadi)	C/RN-042	6.4	175	93	66	14	7	6.71	0.81	0	71	16	0.4	0.1	0.04	0.15	0.26
941	Ratnagiri	Khopi	C/RN-043	6.8	128	68	46	16	1	4.5	2.75	0	59	9	1	1	0.04	0.15	0.57
942	Ratnagiri	Abloli	C/RN-047	5.8	63	34	15	2	2	4.41	2.11	0	30	1	2	0.4	0.02	0.15	0.08
943	Ratnagiri	Vaked	C/RN-048	6.4	209	111	77	10	12	9.33	0.59	0	59	26	2	5	0.00	0.16	-0.74
944	Ratnagiri	Karanjari	C/RN-049	6.4	74	39	26	4	4	4.46	0.84	0	36	6	0	2	0.03	0.10	-0.33
945	Ratnagiri	Kotluk	C/RN-052	6.5	70	37	31	4	5	1	2	0	36	4	3	1	0.03	0.01	-6.96
946	Ratnagiri	Devrukh	C/RN-059	6.4	98	52	41	8	5	5.06	0.56	0	48	4	0	7	0.02	0.14	0.18
947	Ratnagiri	Ganapati Pule-1	C/RN-060	6.8	205	108	56	18	2	20	0.74	0	71	16	4	19	0.01	0.61	0.66
948	Ratnagiri	Ratnagiri-1	C/RN-061	6.6	347	184	107	16	16	30	6.05	0	125	26	10	25	0.06	0.50	0.34
949	Ratnagiri	Shingartale-1	C/RN-063	6.5	355	188	97	18	12	30	3.2	0	155	26	3	17	0.05	0.50	0.82
950	Ratnagiri	Talsure	C/RN-064	6.1	57	30	26	4	4	3.39	2.32	0	36	4	0	1	0.05	0.07	-0.43
951	Ratnagiri	Khed	C/RN-065	7.6	918	486	214	20	39	57.71	2.18	0	238	83	42	2	0.02	0.63	-0.12
952	Ratnagiri	Pachad	C/RN-066	7	322	171	138	20	21	9.34	0.62	0	119	43	3	4	0.56	0.09	-3.32
953	Ratnagiri	Umroli	C/RN-067	6.9	44	23	15	2	2	2.86	0.51	0	18	4	0.5	0.2	0.06	0.02	-8.58
954	Ratnagiri	Mandki	C/RN-068	6.4	145	77	66	12	9	4	0.47	0	48	11	19	0.5	0.02	0.04	-3.29
955	Ratnagiri	Aarvali	C/RN-069	7.7	385	204	128	18	19	13.82	4.22	0	137	29	0	4	0.08	0.15	-2.01
956	Ratnagiri	Lanjuka Sada	C/RN-071	6.5	33	17	15	2	2	1	0.41	0	18	1	0	1	0.02	0.00	-21.84
957	Ratnagiri	Chafe Katalwadi	C/RN-072	6.4	45	23	20	4	2	3.54	0.48	0	24	1	5	0	0.01	0.03	-5.42
958	Ratnagiri	Khandala	C/RN-073	6.8	146	77	41	6	6	8.21	1.4	0	42	11	9	0.02	0.02	0.09	-3.39
959	Ratnagiri	Pali-1	C/RN-074	6.7	172	91	46	6	7	8.44	2.21	0	48	11	10	1	0.04	0.07	-5.43
960	Ratnagiri	Gawane	C/RN-075	5.9	68	36	20	4	2	4.55	1.52	0	30	4	4	0.2	0.02	0.06	-2.57
961	Ratnagiri	Shirgaon	C/RN-076	6.4	156	83	61	14	6	6.64	1.13	0	59	11	7	4	0.02	0.07	-3.20
962	Ratnagiri	Pawas	C/RN-077	6.9	141	74	56	12	6	10.84	4.3	0	59	9	12	6	0.01	0.15	-1.36
963	Ratnagiri	Jaitapur	C/RN-079	6.5	7965	4054	1244	143	211	1200	31.79	0	1784	1460	94	12	0.52	5.87	9.50
964	Ratnagiri	Dhartale	C/RN-080	6.1	97	51	31	4	5	16.08	1.34	0	54	11	1	0.5	0.03	0.23	-1.36
965	Ratnagiri	Dattawadi	C/RN-081	6.5	64	34	26	6	2	3	0.68	0	30	4	0.07	0.1	0.03	0.04	-2.57
966	Ratnagiri	Varewadi	C/RN-082	6.4	189	100	31	8	2	15.25	4.52	0	48	16	9	4	0.06	0.12	-6.46
967	Ratnagiri	Dhamnand	C/RN-083	7.1	103	54	46	14	2	2	1.06	0	36	9	5	0	0.03	0.03	-1.66
968	Ratnagiri	Dhamni	C/RN-084	7.4	130	65	46	14	2	4.97	1.08	0	54	9	0.01	1	0.05	0.05	-3.10
969	Ratnagiri	Guhaghar-1	C/RN-085	6.9	283	137	87	16	11	21.12	1.4	0	113	26	7	0.3	0.04	0.29	-0.68
970	Sangli	Kadepur	K/SN-009	8	1239	657	464	72	68	91	0.36	0	613	108	13	34	0.15	0.72	2.40
971	Sangli	Ashta	K/SN-016	7.9	1408	745	622	174	45	55	0.41	0	672	128	41	34	0.01	0.52	5.68
972	Sangli	Peth	K/SN-017	8	1164	617	449	67	67	71	0.58	0	535	88	17	26	0.01	0.55	0.83

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
973	Sangli	Panmalewadi	K/SN-018	8	549	291	219	53	21	20	1.35	0	256	29	14	6	0.06	0.21	0.04
974	Sangli	Yevali	K/SN-019	8.1	5041	2677	2050	439	227	216	2.17	0	1190	954	83	38	0.00	1.00	-2.47
975	Sangli	Alkud	K/SN-020	7.8	1106	591	515	112	56	32	0.92	0	511	76	2	14	0.00	0.25	0.62
976	Sangli	Belavade	K/SN-022	7.5	706	377	316	72	33	30	0.85	0	375	43	0	12	0.05	0.28	0.89
977	Sangli	Kumbhari	K/SN-026	8	1257	665	525	112	58	57	3.15	0	529	105	37	39	0.01	0.44	0.82
978	Sangli	Arag	K/SN-032	7.7	642	346	275	57	32	63	0.38	0	315	46	51	11	0.01	0.57	-0.68
979	Sangli	Bambwade	K/SN-033	7.5	1208	637	464	74	67	64	1.35	0	523	96	10	38	0.00	0.51	1.04
980	Sangli	Takari	K/SN-034	7.8	816	434	332	37	57	40	0.62	0	422	34	22	21	0.01	0.34	0.18
981	Sangli	Kawathe Mahankal	K/SN-040	7.6	1914	1013	729	47	146	121	1.12	0	910	190	26	38	0.05	0.69	0.26
982	Sangli	Nimaj-1	K/SN-041	7.9	549	291	214	37	29	23	0.31	0	256	41	0	4	0.02	0.24	-0.25
983	Sangli	Palashi	K/SN-042	7.9	1065	563	398	57	61	69	3.16	0	523	68	17	39	0.08	0.57	1.64
984	Sangli	Karnal-1	K/SN-043	7.8	2245	1191	699	141	83	182	1.06	0	898	197	61	38	0.05	1.39	6.59
985	Sangli	Kuchi	K/SN-044	8.1	817	432	311	41	50	81	0.61	0	428	61	23	25	0.05	0.64	-0.65
986	Sangli	Vibhutwadi-1	K/SN-045	7.9	969	517	367	76	43	90	0.79	0	523	51	9	37	0.14	0.72	1.20
987	Sangli	Miraj-1	K/SN-047	7.9	661	349	209	33	30	39	0.32	0	315	34	12	5	0.25	0.43	1.34
988	Sangli	Sangli_Sangalwadi	K/SN-048	7.9	1448	775	571	41	112	100	0.89	0	648	98	22	39	0.07	0.58	-3.27
989	Sangli	Tung	K/SN-049	7.6	1549	816	617	33	128	98	1.86	0	660	76	88	25	0.00	0.59	-2.33
990	Sangli	Sangli_Inamdhamni	K/SN-051	7.6	527	279	230	49	26	32	0.61	0	226	96	0	6	0.01	0.25	-3.80
991	Sangli	Bhose	K/SN-052	7.7	524	277	204	49	19	25	0.62	0	250	24	0	5	0.02	0.27	-0.06
992	Sangli	Bedag	K/SN-053	7.9	793	421	372	65	50	39	0.38	0	375	63	28	20	0.51	0.30	-2.04
993	Sangli	Shirala	K/SN-054	7.8	1151	606	418	63	62	84	4.32	0	506	150	13	8	0.00	0.64	0.02
994	Sangli	Visapur	K/SN-055	7.7	853	454	357	51	55	56	1.35	0	428	56	11	14	0.01	0.44	-0.54
995	Sangli	Sarati	K/SN-056	7.7	692	366	265	61	27	34	2.64	0	291	53	19	5	0.01	0.45	2.07
996	Sangli	Ghanwad_Anandpur	K/SN-057	7.8	527	280	204	65	10	35	4.27	0	268	34	0	4	0.01	0.41	1.01
997	Sangli	Wangi-1	K/SN-059	7.7	645	341	296	41	46	22	0.27	0	309	51	3	16	0.00	0.17	-2.81
998	Sangli	Shene	K/SN-060	8	1122	595	449	41	83	65	1.17	0	583	53	26	33	1.06	0.46	0.00
999	Sangli	Kargani	K/SN-061	8	1410	746	525	53	94	69	0.93	0	547	133	36	31	0.22	0.47	-1.38
1000	Sangli	Tasgaon 1	K/SN-063	8.1	1339	791	505	41	96	57	0.65	0	553	91	45	34	0.58	0.35	-3.63
1001	Sangli	Kirloskarwadi	K/SN-064	8.3	2382	1259	979	39	210	95	3.18	35.1	690	274	40	34	1.07	0.44	-9.51
1002	Sangli	Sagareswar	K/SN-065	8	701	372	163	27	23	91	0.61	0	369	46	0	4	0.25	1.04	2.41
1003	Satara	Pingli	K/ST-002	7.3	704	373	306	72	30	20	0.62	0	345	31	0	11	0.17	0.22	1.83
1004	Satara	Mhaswad	K/ST-005	7.8	1885	1000	658	78	111	102	3.16	0	613	232	52	38	0.02	0.66	-1.10
1005	Satara	Mahabaleswar	K/ST-006	8.1	263	139	107	27	10	3	0.24	0	71	34	0	5	0.01	0.04	-1.87
1006	Satara	Wai	K/ST-007	7.7	1270	674	505	94	64	75	1.19	0	589	83	0	13	0.03	0.62	2.62
1007	Satara	Nimblak	K/ST-008	7.8	701	371	362	53	55	15	0.62	0	363	34	5	30	0.01	0.13	-0.80
1008	Satara	Koregaon	K/ST-010	7.9	1545	820	632	108	86	65	0.92	0	589	202	23	5	0.02	0.46	0.00
1009	Satara	Mirgaon	K/ST-012	7.9	1294	685	546	51	100	64	0.46	0	523	135	23	24	0.05	0.42	-2.17
1010	Satara	Wathar (Station)	K/ST-013	7.7	986	523	418	82	51	37	0.32	0	428	81	1	38	0.28	0.32	0.57
1011	Satara	Shendri	K/ST-014	7.8	677	358	275	63	28	32	0.52	0	309	36	9	12	0.01	0.36	1.24

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1012	Satara	Shenwadi	K/ST-016	7.9	834	444	342	61	45	64	0.62	0	398	46	32	38	0.11	0.60	1.20
1013	Satara	Panchagani	K/ST-018	7.7	84	44	51	10	6	1	0.18	0	24	14	7	5	0.00	0.01	-1.84
1014	Satara	Shirwal	K/ST-019	7.8	1126	598	413	51	68	78	1.35	0	529	66	2	37	0.05	0.61	0.93
1015	Satara	Medha	K/ST-020	7.6	900	476	418	82	51	29	0.62	0	464	48	0	32	0.00	0.24	0.75
1016	Satara	Katar Khatav	K/ST-021	7.7	982	521	423	55	68	44	0.54	0	464	56	2	32	0.07	0.33	-0.95
1017	Satara	Malharpeth	K/ST-025	7.7	326	173	168	53	9	14	0.24	0	190	11	25	10	0.01	0.20	0.79
1018	Satara	Rehmatpur	K/ST-026	7.6	1227	651	515	96	66	68	1.62	0	589	88	11	38	0.13	0.53	2.01
1019	Satara	Aundh	K/ST-027	7.7	1534	812	597	94	86	84	1.15	0	666	101	6	38	0.01	0.60	1.78
1020	Satara	Dhebevadi	K/ST-028	7.4	847	449	377	35	69	26	0.82	0	440	46	2	24	0.02	0.22	0.49
1021	Satara	Savanthwadi (Jinti)	K/ST-029	7.2	283	150	112	27	11	18	0.19	0	149	21	0	5	0.00	0.25	-0.09
1022	Satara	Muttalvadi	K/ST-030	7.4	430	230	209	41	26	16	0.51	0	190	34	12	24	0.00	0.18	-0.61
1023	Satara	Mogarle	K/ST-034	7.7	818	433	362	45	60	34	0.63	0	422	48	1	35	0.00	0.26	-1.24
1024	Satara	Manjarvadi (Mol)	K/ST-035	7.7	593	315	275	35	45	28	0.24	0	327	19	4	11	0.21	0.24	-0.89
1025	Satara	Vaduth	K/ST-036	7.5	324	171	148	45	9	14	0.34	0	184	16	0	9	0.02	0.16	-0.74
1026	Satara	Velkhandwadi (Tarli)	K/ST-037	7.7	1370	727	546	51	100	76	3.16	0	648	96	7	24	0.01	0.41	-5.84
1027	Satara	Undale	K/ST-038	7.6	1015	537	469	51	81	64	1.42	0	506	73	7	34	0.02	0.47	-0.45
1028	Satara	Surur	K/ST-039	7.5	1090	578	449	45	80	70	5.46	0	523	61	23	37	0.11	0.48	-1.69
1029	Satara	Tathvade	K/ST-040	7.9	506	268	214	31	33	28	0.62	0	285	14	0	13	0.07	0.18	-7.30
1030	Satara	Javali	K/ST-045	7.8	821	435	347	33	63	35	0.24	0	422	46	0	34	0.15	0.25	-2.36
1031	Satara	Kondve	K/ST-046	7.6	729	386	347	35	62	29	0.82	0	375	56	8	12	0.01	0.19	-4.87
1032	Satara	Arvi-1	K/ST-056	7.7	825	437	367	43	62	20	0.43	0	369	58	15	3	0.02	0.13	-4.67
1033	Satara	Bhairavnath Nagar	K/ST-057	7.3	816	433	413	53	67	38	0.54	0	398	78	0.1	37	0.00	0.33	0.32
1034	Satara	Yelegaon-1	K/ST-058	7.6	766	405	372	59	53	34	0.75	0	369	71	5	33	0.02	0.32	0.62
1035	Satara	Yerphale	K/ST-059	7.4	599	318	199	33	28	32	0.26	0	285	21	0	30	0.01	0.40	1.67
1036	Satara	Pal	K/ST-060	7.4	591	313	230	45	28	19	0.35	0	238	34	23	23	0.01	0.23	0.58
1037	Satara	Chinchner Vandan	K/ST-061	7.4	846	449	286	41	44	62	0.82	0	416	34	0	31	0.07	0.61	2.00
1038	Satara	Chinchni Kanheri	K/ST-062	7.9	446	235	163	20	27	28	0.54	0	250	14	0	24	0.01	0.26	-1.47
1039	Satara	Vikhle	K/ST-063	8.5	644	341	235	33	36	75	0.68	11.7	280	58	12	35	0.07	0.87	1.46
1040	Satara	Barad	K/ST-064	8	648	343	240	33	38	30	0.35	0	208	58	13	23	0.00	0.27	-2.54
1041	Satara	Budh	K/ST-065	8	1176	626	449	65	68	92	1.35	0	648	81	10	38	0.05	0.81	4.52
1042	Satara	Wavarhire-1	K/ST-066	8.1	942	494	413	51	68	53	0.38	0	523	51	3	11	0.02	0.46	2.26
1043	Satara	Mardi	K/ST-067	8.2	1100	583	490	61	80	39	2.25	0	535	96	26	32	0.05	0.31	1.26
1044	Satara	Dahivadi	K/ST-068	8	2108	1115	806	166	94	96	2.35	0	892	227	28	38	0.01	0.70	5.80
1045	Satara	Phaltan	K/ST-069	8.5	940	499	418	41	75	61	2.3	35.1	422	63	13	18	0.03	0.49	0.87
1046	Satara	Nibbore-1	K/ST-070	8	1290	682	469	74	68	92	0.59	0	595	120	21	34	0.01	0.81	3.64
1047	Satara	Thakurki_Phaltan	K/ST-072	7.9	7296	3870	2494	186	484	315	2.24	0	2082	1143	130	38	0.03	1.07	-6.60
1048	Satara	Limb Sheri	K/ST-073	8.1	1121	594	454	82	60	72	0.61	0	613	48	17	38	0.01	0.65	4.22
1049	Satara	Satara	K/ST-074	7.8	1104	586	495	119	47	63	1.15	0	601	93	10	11	0.01	0.66	5.54
1050	Satara	Mayani	K/ST-075	8	3408	1792	1438	112	276	115	3.18	0	969	468	87	38	0.04	0.52	-7.22

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1051	Sindudurg	Phonda	C/SD-001	6.4	134	71	66	14	7	4.8	4.13	0	59	9	13	9	0.13	0.08	-0.65
1052	Sindudurg	Khare Patan	C/SD-002	6.5	272	144	97	20	11	15.99	5.61	0	89	21	20	35	0.15	0.27	-0.15
1053	Sindudurg	Insuli	C/SD-003	6.8	145	77	66	14	7	9.57	3.67	0	59	11	10	18	0.36	0.17	-0.44
1054	Sindudurg	Kasal	C/SD-004	6.3	150	79	56	20	1	7.89	3.69	0	48	14	4	18	0.10	0.22	0.17
1055	Sindudurg	Dodamarga	C/SD-005	6.7	279	147	82	25	5	18.66	7.97	0	71	31	19	22	0.10	0.34	-0.25
1056	Sindudurg	Malwan	C/SD-006	6.9	732	388	209	67	10	39.19	5.54	0	238	71	20	14	0.18	0.51	1.06
1057	Sindudurg	Vengurla	C/SD-007	5.9	127	68	36	10	2	8.57	5.86	0	36	19	2	11	0.11	0.26	0.08
1058	Sindudurg	Vijaydurg	C/SD-009	7	720	381	275	57	32	15.15	11.32	0	119	128	56	20	0.11	0.18	-1.36
1059	Sindudurg	Shirgaon (Shirgar)	C/SD-011	5.9	69	37	36	10	2	4.5	0.48	0	12	16	1	19	0.08	0.09	-1.03
1060	Sindudurg	Kudal	C/SD-013	6.4	194	103	61	14	6	12.47	5.1	0	59	21	3	13	0.28	0.24	-0.34
1061	Sindudurg	Phanasgaon	C/SD-014	6	213	113	61	18	4	15.82	4.28	0	71	21	3	10	0.08	0.34	0.16
1062	Sindudurg	Danoli	C/SD-015	6.8	155	82	77	22	5	4.06	2.63	0	83	11	6	0.1	0.10	0.08	0.25
1063	Sindudurg	Terela	C/SD-016	6.6	162	86	71	20	5	7.16	3.24	0	89	14	3	5	0.07	0.13	-0.06
1064	Sindudurg	Vagothan	C/SD-017	6.4	92	49	41	10	4	2.06	0.94	0	42	9	2	0.1	0.06	0.05	-0.23
1065	Sindudurg	Adeli (Pednekarwadi)	C/SD-018	6.5	187	99	77	18	7	14.79	4.02	0	119	16	3	1	0.50	0.34	1.04
1066	Sindudurg	Adali (Dewalwadi)	C/SD-019	6.3	158	83	51	18	1	6.53	7.19	0	65	11	8	0	0.15	0.13	-0.15
1067	Sindudurg	Narange	C/SD-020	5.5	178	83	71	8	12	6.54	1.09	0	71	16	5	1	0.06	0.10	-0.85
1068	Sindudurg	Kunkaule	C/SD-021	6.2	101	53	36	8	4	7.91	3.74	0	48	9	2	0	0.07	0.14	-0.64
1069	Sindudurg	Nandgaon	C/SD-022	6.7	226	119	102	20	12	9.61	0.59	0	113	14	3	8	0.10	0.15	-0.17
1070	Sindudurg	Ramgarh	C/SD-023	6.7	181	95	71	14	9	10.77	11.57	0	95	19	11	1	0.12	0.18	-0.06
1071	Sindudurg	Achra	C/SD-024	6.7	209	110	71	16	7	6.48	9.95	0	89	14	3	1	0.08	0.16	0.66
1072	Sindudurg	Zarap	C/SD-025	6.7	159	84	36	10	2	12.83	1.96	0	59	11	5	0	0.21	0.36	0.37
1073	Sindudurg	Hadi (Gaonkarwadi)	C/SD-026	6.9	244	129	87	20	9	11.86	11.41	0	119	11	0	3	0.15	0.21	0.43
1074	Sindudurg	Mangaon Bazar	C/SD-026	7.5	882	468	357	41	61	33.56	8.08	0	297	86	38	2	0.50	0.31	-0.74
1075	Sindudurg	Wareri	C/SD-026	6.1	45	23	20	6	1	3.02	0.46	0	18	6	5		0.11	0.15	0.09
1076	Sindudurg	Vados	C/SD-026	6.7	110	58	41	14	1	7.95	3.35	0	59	11	2	0	0.16	0.31	0.67
1077	Sindudurg	Sawanthwadi	C/SD-031	7	273	144	112	20	15	13.32	8.17	0	143	14	14	0	0.42	0.18	-0.19
1078	Sindudurg	Kanedi Bazar	C/SD-033	6.8	177	94	71	16	7	9.85	3.83	0	77	14	9	0	0.53	0.13	-1.47
1079	Sindudurg	Sawarwad	C/SD-034	6.9	152	80	61	14	6	9.64	1.8	0	83	14	1	5	0.22	0.25	0.66
1080	Sindudurg	Chendwan	C/SD-035	6.8	116	61	51	14	4	4.92	3.62	0	36	16	4	6	0.11	0.17	0.18
1081	Sindudurg	Matond (Ghodemukh)	C/SD-037	7.1	231	124	82	22	6	20.67	2.17	0	71	48	5	12	0.26	0.16	-6.67
1082	Sindudurg	Koloshe	C/SD-037	6.5	119	62	51	12	5	7.39	1.25	0	48	16	7	5	0.08	0.08	-3.19
1083	Sindudurg	Tale Bazar	C/SD-041	6.5	62	33	26	6	2	4.86	1.1	0	30	6	1	4	0.07	0.07	-1.65
1084	Sindudurg	Sindhunagari	C/SD-043	7.1	336	178	102	22	11	26.51	3.55	0	119	21	33	5	0.13	0.23	-4.15
1085	Sindudurg	Ambrad	C/SD-044	7.5	177	93	87	20	9	10.02	2.44	0	101	6	12	0	0.19	0.10	-3.22
1086	Sindudurg	Vardivarwade	C/SD-045	7	172	91	77	22	5	6.1	3.93	0	101	6	7	0	0.09	0.08	-1.09
1087	Sindudurg	Math-1	C/SD-046	6.6	151	80	66	20	4	3	2.28	0	77	6	5	0	0.06	0.03	-5.15
1088	Sindudurg	Achare	C/SD-047	7.1	180	95	66	18	5	12.35	3.43	0	101	9	6	0.4	0.14	0.08	-9.04
1089	Sindudurg	Sasole	C/SD-048	5.9	53	28	15	4	1	2	1.08	0	18	4	3	0	0.04	0.01	-9.40

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1090	Sindudurg	Amboli-1	C/SD-049	6.2	109	58	36	8	4	7.66	2.88	0	42	9	3	6	0.03	0.08	-4.21
1091	Sindudurg	Dewoolwada	C/SD-050	6.9	205	109	77	16	9	9	4.32	0	89	19	7	0	0.10	0.06	-11.07
1092	Sindudurg	Sindhudurg RH	C/SD-051	6.4	135	71	51	12	5	12.79	2.37	0	54	11	13	2	0.07	0.10	-7.07
1093	Sindudurg	Achirne	C/SD-052	5.7	29	15	10	2	1	3.11	0.37	0	18	1	1	0	0.02	0.03	-5.20
1094	Sindudurg	Madkhol	C/SD-054	6.7	89	47	26	4	4	8.07	1.97	0	36	6	5	0	0.03	0.06	-7.37
1095	Sindudurg	Sherley	C/SD-055	6.8	348	184	112	27	11	13	12.26	0	77	38	31	6	0.04	0.09	-7.79
1096	Sindudurg	Nirwad	C/SD-056	7.4	482	255	214	43	26	12.89	3.54	0	262	16	26	2	0.06	0.07	-10.05
1097	Sindudurg	Chouke	C/SD-057	6.7	104	55	26	4	4	7	1.24	0	30	14	1	2	0.03	0.08	-3.08
1098	Sindudurg	Wada	C/SD-058	5.9	67	35	26	2	5	2	0.68	0	18	9	5	0	0.02	0.02	-3.68
1099	Solapur	Mangalvedha	K/SH-001	7.7	2715	1440	770	147	96	263	9.38	0	726	369	96	44	0.54	1.65	-0.09
1100	Solapur	Barshi Town	K/SH-003	7.6	1643	870	536	72	85	81	10.12	0	476	128	48	44	0.86	0.60	-0.73
1101	Solapur	Shelgaon	K/SH-005	7.8	529	281	240	39	34	32	0.92	0	285	21	29	21	1.47	0.32	-0.16
1102	Solapur	Ule	K/SH-008	7.7	1712	903	622	104	86	105	1.22	0	565	158	128	21	1.07	0.49	-12.63
1103	Solapur	Sangola	K/SH-009	7.9	876	464	270	84	15	72	1.05	0	309	58	33	28	0.90	0.63	-1.13
1104	Solapur	Nagaj	K/SH-011	7.8	1363	723	515	47	95	95	1.2	0	607	98	53	34	1.73	0.58	-2.96
1105	Solapur	Malsiras	K/SH-013	7.5	2197	1164	775	123	112	180	6.12	0	910	220	36	13	1.30	1.10	2.14
1106	Solapur	Kurul	K/SH-016	7.6	2189	1160	765	206	60	195	14.31	0	868	277	71	43	0.64	1.63	7.50
1107	Solapur	Sohole	K/SH-017	7.7	2275	1205	821	192	81	84	50.28	0	749	249	81	42	0.81	0.55	1.30
1108	Solapur	Narayan Chincholi	K/SH-020	8.2	1327	703	576	92	83	73	2.14	0	613	115	56	35	1.43	0.48	-0.94
1109	Solapur	Ranzani	K/SH-021	7.7	4743	2513	1321	237	174	312	51.12	0	607	939	158	42	0.99	1.64	-7.21
1110	Solapur	Ekklapur	K/SH-023	7.7	1941	1028	683	151	73	107	2.01	0	726	207	89	42	0.84	0.60	-3.39
1111	Solapur	Chincholi	K/SH-024	7.7	1238	656	515	108	58	45	1.64	0	535	96	34	43	0.76	0.34	0.71
1112	Solapur	Akkalkot	K/SH-025	7.4	1378	730	571	153	45	40	5.1	0	595	120	43	41	0.55	0.35	3.40
1113	Solapur	Nagansur	K/SH-026	7.5	2187	1158	780	164	89	68	2.17	0	648	269	69	39	1.31	0.47	0.57
1114	Solapur	Bhandi-Shegaon	K/SH-028	7.6	2809	1489	954	245	81	64	67.71	0	732	314	130	42	0.67	0.44	2.03
1115	Solapur	Velapur	K/SH-029	7.7	756	401	214	65	12	69	22.08	0	256	96	27	17	0.70	0.89	1.36
1116	Solapur	Hivre	K/SH-032	7.8	732	388	235	72	13	62	1.04	0	321	56	20	33	0.88	0.62	0.49
1117	Solapur	Karkamb	K/SH-035	7.7	1238	656	367	82	39	56	2.32	0	315	120	44	31	1.33	0.53	-0.07
1118	Solapur	Junoni	K/SH-061	7.8	527	279	158	31	19	65	0.42	0	297	21	15	6	1.21	0.57	-1.32
1119	Solapur	Shivni	K/SH-062	7.6	1569	830	423	41	77	95	7.57	0	398	165	34	12	1.08	0.67	-2.93
1120	Solapur	Ajoti	K/SH-063	7.6	3845	2039	1336	296	142	250	1.84	0	1041	493	164	38	1.11	1.15	-5.35
1121	Solapur	Nandni	K/SH-064	7.6	1421	753	505	100	61	59	5.14	0	476	140	74	40	1.06	0.44	-0.77
1122	Solapur	Nari	K/SH-065	7.2	1393	741	556	102	72	36	6.9	0	535	110	38	43	0.62	0.22	-3.55
1123	Solapur	Piliv	K/SH-068	7.2	984	519	357	72	43	94	10.89	0	476	81	50	15	0.74	0.65	-2.03
1124	Solapur	Kegaon	K/SH-069	7.6	1380	732	408	37	75	88	11.1	0	470	91	39	6	1.20	0.61	-2.07
1125	Solapur	Manegaon	K/SH-070	7.6	1699	900	729	86	123	54	15.12	0	613	172	65	27	1.52	0.31	-4.14
1126	Solapur	Varkute	K/SH-071	7.5	1391	738	617	84	97	77	12.17	0	666	130	46	42	1.22	0.47	-1.57
1127	Solapur	Soregaon	K/SH-072	7.5	2432	1286	780	57	152	115	19.59	0	553	257	130	33	1.61	0.65	-5.78
1128	Solapur	Parite	K/SH-073	7.4	2373	1260	724	186	62	107	20.12	0	607	314	63	43	0.88	0.85	2.39

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1129	Solapur	Kandar	K/SH-074	7.5	1278	676	576	65	98	97	13.57	0	732	135	72	9	1.41	0.67	1.95
1130	Solapur	Marwade	K/SH-076	7.7	1002	531	454	53	77	89	7.19	0	607	98	43	17	1.24	0.66	1.40
1131	Solapur	Nannaj	K/SH-077	7.6	1216	644	454	55	75	87	4.83	0	541	53	39	42	1.40	0.70	1.65
1132	Solapur	Pangri	K/SH-078	7.6	869	461	265	65	24	58	4.12	0	363	63	31	22	0.67	0.61	1.70
1133	Solapur	Dharpuri	K/SH-079	7.8	1884	998	510	37	100	112	1.09	0	601	145	41	42	1.51	0.72	-1.52
1134	Solapur	Salmukh	K/SH-082	7.8	1532	812	648	74	111	95	5.03	0	607	239	36	6	1.49	0.62	-1.30
1135	Solapur	Natepute-1	K/SH-097	7.7	541	286	214	41	27	56	1.25	0	238	26	125	2	1.02	0.60	-0.24
1136	Solapur	Shetphal-1	K/SH-098	7.5	2964	1571	979	92	179	213	15.19	0	850	443	6	44	1.04	1.17	-1.78
1137	Solapur	Wagdhari-1	K/SH-099	7.5	1967	1042	510	63	84	129	17.08	0	565	215	48	42	0.98	0.93	0.22
1138	Solapur	Madha	K/SH-100	7.5	4588	2427	1545	215	241	315	5.66	0	1011	741	190	44	1.60	1.47	-5.27
1139	Solapur	Angar	K/SH-101	7.4	1278	677	571	72	94	78	1.74	0	642	125	48	43	1.04	0.58	2.11
1140	Solapur	Bhosre	K/SH-102	7.6	2570	1359	801	129	114	195	2.45	0	583	344	130	43	1.78	1.33	-0.66
1141	Solapur	Mohol	K/SH-103	7.2	3099	1645	913	127	142	210	1.04	0	601	468	136	44	1.08	1.23	-4.00
1142	Solapur	Mahud (Bk)-1	K/SH-104	7.6	1984	1050	505	72	78	116	0.63	0	553	165	49	41	0.68	0.87	0.63
1143	Solapur	Chikarde	K/SH-106	7.5	1242	660	281	82	18	70	2.17	0	274	91	20	41	0.33	0.81	0.94
1144	Solapur	Sangam	K/SH-107	7.7	1239	657	439	90	51	86	1.46	0	541	105	60	33	0.60	0.74	2.53
1145	Thane	Bhaindarpada	C/TN-001	7.3	421	223	163	47	11	19.46	1.22	0	113	53	32	9	0.12	0.31	0.03
1146	Thane	Kasa	C/TN-002	7.4	436	231	168	49	11	19.03	1.27	0	178	48	13	1	0.15	0.30	1.00
1147	Thane	Khanivade	C/TN-003	7.5	518	275	173	39	18	27.8	3.69	0	178	58	7	4	0.14	0.37	0.30
1148	Thane	Cherfully	C/TN-004	7.8	806	427	316	45	49	19.64	6.19	0	303	76	42	3	0.07	0.17	-1.17
1149	Thane	Mokhada	C/TN-005	7.3	321	170	153	20	24	11.58	1.35	0	143	26	25	4	0.18	0.12	-1.90
1150	Thane	Devkop	C/TN-006	7.6	748	396	265	45	36	32.27	1.38	0	345	51	10	1	0.35	0.31	0.51
1151	Thane	Saravali	C/TN-007	7.1	1504	797	281	63	29	183.6	2.32	0	404	244	18	5	0.29	2.19	3.31
1152	Thane	Dapchari Takarpada	C/TN-008	7.5	400	212	153	43	11	13.58	0.56	0	167	34	16	2	0.30	0.23	1.12
1153	Thane	Dahanu	C/TN-009	7.6	583	309	163	39	16	25.79	9.49	0	202	41	16	10	0.26	0.38	1.10
1154	Thane	Balkhapara	C/TN-010	7.3	221	117	97	20	11	8.85	1.92	0	107	16	6	1	0.11	0.15	0.04
1155	Thane	Gothanpada	C/TN-011	7.5	347	184	163	43	13	15.27	1.36	0	155	26	20	8	0.25	0.22	0.21
1156	Thane	Murbad	C/TN-012	7.6	1021	541	367	41	63	45	6.08	0	345	128	45	1	0.14	0.36	-1.69
1157	Thane	Khodala	C/TN-014	7.2	194	103	66	14	7	9.45	0.98	0	89	9	10	0.4	0.13	0.12	-1.38
1158	Thane	Karahe	C/TN-016	7.2	252	133	97	16	13	11.28	0.58	0	125	9	5	0.4	0.21	0.16	-0.38
1159	Thane	Kolimb	C/TN-018	7.4	577	305	163	43	13	54	2.11	0	190	56	24	3	0.35	0.65	-0.12
1160	Thane	Talempada (Bihigaon)	C/TN-019	7.7	449	238	219	41	28	10.44	1.43	0	143	34	69	1	0.22	0.11	-2.00
1161	Thane	Udhwa	C/TN-020	7.1	498	264	173	41	17	24.52	5.75	0	190	48	23	12	0.16	0.28	-0.52
1162	Thane	Vikramgad	C/TN-022	7.4	1006	533	255	43	35	63.3	11.41	0	291	91	51	15	0.15	0.70	0.96
1163	Thane	Sarsun	C/TN-023	7.1	247	131	97	18	12	10.3	1.35	0	83	34	9	2	0.16	0.12	-1.98
1164	Thane	Nishanpada	C/TN-024	7.4	284	150	102	20	12	8.67	1.2	0	113	19	9	1	0.08	0.11	-1.19
1165	Thane	Sathgaon	C/TN-025	7.5	324	172	122	22	16	12	1.47	0	131	34	7	0.2	0.18	0.14	-1.30
1166	Thane	Padghe	C/TN-026	7.5	786	416	281	43	41	29.58	3.74	0	285	81	26	0.8	0.10	0.22	-3.82
1167	Thane	Tokavade (Tokoda)	C/TN-027	7.4	1320	700	520	45	97	27.08	0.99	0	476	128	51	2	0.11	0.19	-2.04

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1168	Thane	Dahisar	C/TN-028	7.5	1309	693	571	43	111	26.82	0.97	0	506	158	48	1	0.09	0.17	-3.26
1169	Thane	Wafana	C/TN-035	8.2	171	90	77	18	7	8.86	0.67	0	83	19	7	0.08	0.15	0.11	-1.58
1170	Thane	Dhekale	C/TN-036	7.7	243	129	97	14	15	10.97	1.25	0	113	19	8	0.5	0.11	0.13	-1.69
1171	Thane	Ganjad	C/TN-037	7.5	364	193	163	18	28	14.6	0.81	0	178	26	10	0.2	0.27	0.19	0.11
1172	Thane	Saiwan	C/TN-038	7.3	302	160	107	16	16	10.39	0.51	0	107	19	12	15	0.21	0.13	-1.38
1173	Thane	Katolwadi (Mulgaon)	C/TN-039	7.7	394	209	173	25	27	13.61	1.12	0	196	24	11	0.4	0.20	0.15	-0.62
1174	Thane	Rinzadpada (Kanchad)	C/TN-042	7.3	1227	650	260	43	36	45	14.28	0	274	101	25	2	0.07	0.47	0.06
1175	Thane	Sandor	C/TN-045	7.9	1502	796	281	45	40	177.3	21.22	0	607	76	57	3	0.18	1.65	4.50
1176	Thane	Agashi	C/TN-046	7.6	625	331	214	27	35	28.03	16.56	0	297	26	34	2	0.12	0.27	-0.07
1177	Thane	Bramhanwadi	C/TN-047	7.4	872	462	265	43	38	52.05	16.84	0	428	48	13	11	0.10	0.53	2.47
1178	Thane	Giraj	C/TN-048	7.7	392	207	148	41	11	10	8.75	0	161	16	23	2	0.32	0.16	0.81
1179	Thane	Somata	C/TN-050	7.2	544	288	184	45	17	18.98	2.08	0	178	48	25	2	0.24	0.27	0.50
1180	Thane	Pasheri	C/TN-057	7.2	188	99	87	18	10	6	3.25	0	71	19	6	4	0.14	0.09	-1.16
1181	Thane	Aashagadh	C/TN-058	7.2	747	396	235	47	28	34.19	0.89	0	262	48	24	10	0.28	0.38	0.46
1182	Thane	Belgaon	C/TN-061	7.2	418	221	163	41	15	15.65	0.66	0	202	19	13	2	0.14	0.19	-0.03
1183	Thane	Hetutane	C/TN-063	7.4	629	333	199	43	22	29.56	6	0	250	48	16	2	0.18	0.29	-0.97
1184	Thane	Pimpleshwar	C/TN-064	6.4	2254	1194	765	102	122	110.98	3.03	0	845	200	37	2	0.50	0.63	-0.85
1185	Thane	Ambesari	C/TN-066	7	2256	1187	423	37	79	213.2	2.3	0	940	66	27	2	0.46	1.41	4.62
1186	Thane	Navali-1	C/TN-067	7.5	556	294	245	49	29	21.01	2.04	0	268	31	22	4	0.13	0.20	-0.87
1187	Thane	Amangaon	C/TN-068	7.5	1796	952	505	47	92	126.84	49.12	0	684	227	45	5	0.09	0.80	-0.57
1188	Thane	Shiroshi-1	C/TN-069	7.4	421	233	148	47	7	16	23.91	0	190	24	5	6	0.09	0.18	-0.54
1189	Thane	Pendharichapada	C/TN-070	7.7	97	51	51	10	6	5.31	1.15	0	36	14	9	1	0.08	0.05	-4.00
1190	Thane	Khadi-1	C/TN-071	7.4	816	430	219	37	30	52	11.59	0	268	78	21	2	0.09	0.43	-2.50
1191	Thane	Dhawarpada	C/TN-072	7.3	324	171	133	33	12	11.22	3.17	0	178	11	9	4	0.14	0.11	-2.36
1192	Thane	Vasai phata	C/TN-073	7.6	722	382	250	29	43	38.82	1.21	0	238	61	33	25	0.12	0.34	-2.15
1193	Thane	Parol	C/TN-074	7.7	507	269	230	43	29	20	2.09	0	214	41	15	3	0.41	0.16	-3.79
1194	Thane	Vajreshwari	C/TN-075	7.5	536	284	219	41	28	18	10.49	0	238	26	6	16	0.16	0.15	-2.99
1195	Thane	Devbandh	C/TN-077	7.3	249	132	107	29	9	11.72	1.38	0	83	41	12	1	0.11	0.14	-2.03
1196	Thane	Pulachiwadi	C/TN-078	7	150	80	51	18	1	7.77	0.88	0	48	19	3	2	0.16	0.07	-4.73
1197	Thane	Kajupada - Manor	C/TN-079	7.1	454	242	158	20	26	23.81	0.7	0	137	51	19	4	0.25	0.22	-3.53
1198	Thane	Kelva Beach	C/TN-080	7.8	745	3954	214	31	33	49	5.43	0	250	91	26	1	0.18	0.44	-1.67
1199	Thane	Yeur	C/TN-081	7.5	616	326	199	31	29	31.61	1.26	0	208	51	18	0.5	0.26	0.23	-5.31
1200	Thane	Uttan	C/TN-082	7.6	526	279	168	43	15	38.23	10.63	0	178	76	15	3	0.32	0.32	-3.89
1201	Wardha	Sirpur	G/WD-002	7.6	1608	854	785	65	148	8	0.37	0	553	163	25	39	0.69	0.04	-8.34
1202	Wardha	Hinganghat	G/WD-004	7.7	926	490	454	94	52	7	0.12	0	369	88	49	38	0.52	0.05	-2.34
1203	Wardha	Keljhar	G/WD-006	7.5	902	478	439	86	53	13	0.11	0	375	58	32	39	0.54	0.10	-1.42
1204	Wardha	Girad	G/WD-007	7.8	785	414	352	57	50	8	0.1	0	315	46	20	33	0.67	0.05	-5.26
1205	Wardha	Sahur	G/WD-009	7.7	1937	1027	938	84	174	8	0.57	0	749	170	39	39	0.74	0.04	-6.61
1206	Wardha	Kharangana	G/WD-010	7.7	945	498	454	61	72	3	0.91	0	410	63	39	38	0.70	0.02	-4.48

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1207	Wardha	Nagalwadi	G/WD-013	7.7	541	287	230	82	6	15	0.16	0	256	16	11	38	0.85	0.14	-1.20
1208	Wardha	Daroda	G/WD-014	7.7	854	452	403	88	44	5	0.51	0	351	66	32	36	0.35	0.04	-1.93
1209	Wardha	Ashti	G/WD-015	7.5	840	445	398	86	44	4	0.36	0	363	43	29	37	0.78	0.03	-2.24
1210	Wardha	Anji	G/WD-017	7.5	1663	882	785	51	157	5	1.16	0	672	108	34	39	1.10	0.03	-5.45
1211	Wardha	Dahegaon	G/WD-020	7.6	694	368	316	98	17	17	0.16	0	345	24	19	39	0.63	0.17	0.68
1212	Wardha	Madni (New)	G/WD-022	7.9	907	480	403	92	41	21	2.16	0	369	68	34	39	0.50	0.16	-1.95
1213	Wardha	Tigaon	G/WD-027	8	787	416	357	53	53	3	0.36	0	315	36	38	38	0.61	0.03	-1.38
1214	Wardha	Vadad	G/WD-032	7.6	1137	602	520	108	60	22	1.71	0	446	73	28	38	1.19	0.18	-0.14
1215	Wardha	Dahigaon	G/WD-033	7.8	777	411	388	74	49	7	0.12	0	410	26	16	39	1.10	0.06	-0.44
1216	Wardha	Alipur	G/WD-035	7.7	1253	665	520	61	87	21	0.45	0	553	71	22	39	0.42	0.14	-1.30
1217	Wardha	Giroli	G/WD-036	7.7	1947	1028	944	127	149	10	0.8	0	732	145	67	39	1.12	0.05	-4.90
1218	Wardha	Pipri	G/WD-038	7.8	1552	824	694	112	98	12	0.43	0	470	220	46	36	0.62	0.08	-4.38
1219	Wardha	Sakhra	G/WD-040	7.8	928	492	444	104	44	9	6.8	0	434	71	29	39	0.94	0.08	0.97
1220	Wardha	Hingni	G/WD-041	7.9	1148	609	515	82	74	11	0.5	0	470	66	46	39	0.78	0.07	-2.58
1221	Wardha	Ajda	G/WD-042	7.8	591	312	245	63	21	25	0.17	0	256	38	14	24	0.84	0.28	0.35
1222	Wardha	Bhidi	G/WD-044	7.9	1250	665	515	127	47	6	9.28	0	470	93	28	39	1.16	0.04	-2.22
1223	Wardha	Yelakeli	G/WD-045	7.9	1526	806	740	92	122	4	0.55	0	732	101	37	39	0.60	0.02	-1.17
1224	Wardha	Dhadi	G/WD-047	7.9	1081	573	505	106	57	12	0.38	0	464	81	22	39	0.68	0.09	-0.67
1225	Wardha	Wasi	G/WD-048	7.9	1578	835	709	98	111	29	1.12	0	648	170	33	39	0.70	0.18	-1.64
1226	Wardha	Muradgaon (Balsare)1	G/WD-054	7.9	1485	788	673	82	112	16	0.16	0	553	170	47	36	0.64	0.10	-3.70
1227	Wardha	Karanji Kaji	G/WD-067	7.9	1183	626	510	92	67	19	0.27	0	464	105	35	39	0.66	0.14	-0.96
1228	Wardha	Sewagram	G/WD-068	8	1165	618	536	72	85	17	0.37	0	494	93	23	37	0.74	0.11	-2.28
1229	Wardha	Jamni	G/WD-069	7.8	1330	705	607	72	102	8	0.18	0	571	96	50	39	0.64	0.05	-3.33
1230	Wardha	Mandwa	G/WD-070	7.8	520	276	250	92	5	12	0.19	0	256	11	23	13	0.89	0.12	-0.39
1231	Wardha	Mahakali	G/WD-071	7.8	398	210	194	43	21	8	0.14	0	202	11	13	5	0.61	0.07	-3.69
1232	Wardha	Pimpalkhuta	G/WD-072	7.9	699	371	367	51	57	6	0.17	0	345	46	34	33	0.63	0.04	-5.17
1233	Wardha	Thanegaon-1	G/WD-073	7.7	564	298	260	63	24	7	0.16	0	256	21	17	6	0.76	0.07	-0.97
1234	Wardha	Sarwadi	G/WD-074	7.7	450	239	199	63	10	9	0.12	0	190	21	5	13	0.81	0.08	-2.88
1235	Wardha	Kangaon	G/WD-076	7.7	1067	535	505	92	66	13	1.12	0	476	76	41	38	0.78	0.10	-0.87
1236	Wardha	Thar	G/WD-077	7.5	1673	881	566	80	87	55	47.82	0	523	187	24	23	0.51	0.35	-2.80
1237	Wardha	Rohna	G/WD-079	7.9	1229	653	520	51	94	33	75.95	0	613	56	16	36	0.73	0.19	-3.98
1238	Wardha	Pulgaon-1	G/WD-081	7.6	1198	632	459	84	60	46	0.68	0	529	96	24	4	0.77	0.33	-0.30
1239	Wardha	Paragothan-1	G/WD-082	7.3	475	252	204	43	23	9	0.46	0	262	11	0	5	0.57	0.09	-0.67
1240	Wardha	Wadhona-1	G/WD-083	7.1	1471	779	673	121	89	30	0.4	0	583	105	12	37	0.59	0.19	-2.54
1241	Wardha	Wardha-1	G/WD-084	7.7	667	354	281	63	29	17	0.07	0	315	29	22	18	0.66	0.12	-4.27
1242	Wardha	Arvi	G/WD-055	7.8	867	458	316	72	33	46	0.83	0	404	43	12	37	0.76	0.34	-2.19
1243	Wardha	Khandali	G/WD-024	7.9	851	451	306	63	35	49	1.15	0	410	38	14	5	0.59	0.42	0.26
1244	Washim	Washim	G/WM-003	7.7	876	464	337	72	38	32	2.15	0	303	88	13	30	0.72	0.23	-4.45
1245	Washim	Risod	G/WM-005	7.7	2366	1254	729	61	137	156	113.54	0	969	264	49	19	0.50	0.70	-7.65

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1246	Washim	Karanja	G/WM-007	7.6	1253	664	408	67	57	87	3.11	0	511	71	29	41	0.94	0.72	1.54
1247	Washim	Sakhar Doha	G/WM-012	7.8	1422	753	638	86	101	48	1.41	0	613	96	26	42	0.78	0.27	-4.48
1248	Washim	Loni	G/WM-028	7.6	863	458	301	84	22	56	5.59	0	351	34	26	41	1.44	0.55	0.89
1249	Washim	Tondgaon	G/WM-037	7.5	1238	655	500	106	56	40	2.45	0	488	125	23	39	0.83	0.30	-0.18
1250	Washim	Enzori	G/WM-051	7.5	1333	707	525	123	52	43	13.49	0	529	155	21	25	0.65	0.28	-2.25
1251	Washim	Wakad	G/WM-052	7.6	761	401	316	63	38	38	1.12	0	315	91	28	29	1.38	0.33	-1.10
1252	Washim	Medshi	T/WM-011	7.6	921	488	367	104	26	48	1.07	0	369	53	27	36	0.67	0.44	0.37
1253	Washim	Dharpimpri	T/WM-045	7.8	1243	657	505	65	81	28	12.52	0	422	150	27	11	0.73	0.13	-14.06
1254	Washim	Jamkheda	T/WM-046	7.6	726	385	311	84	24	25	1.03	0	369	29	21	26	0.82	0.20	-1.06
1255	Yavatmal	Ghatodi	G/YT-002	7.6	1295	684	571	127	61	39	0.95	0	565	91	48	38	0.36	0.26	-1.15
1256	Yavatmal	Pandharkawada	G/YT-005	7.8	1119	593	515	82	74	39	0.68	0	494	83	23	16	1.22	0.27	-1.58
1257	Yavatmal	Digras	G/YT-010	7.7	1683	885	638	61	115	79	1.13	0	666	148	49	37	1.31	0.50	-0.93
1258	Yavatmal	Wadgaon	G/YT-014	7.6	1380	734	597	96	85	34	1.8	0	648	128	9	29	0.73	0.23	0.57
1259	Yavatmal	Maregaon	G/YT-015	7.6	1514	802	704	141	84	20	0.95	0	601	145	13	37	0.78	0.13	-0.93
1260	Yavatmal	Parwa	G/YT-023	7.7	1603	853	724	123	100	39	0.61	0	583	195	45	37	1.01	0.22	-4.77
1261	Yavatmal	Mahagaon	G/YT-027	7.7	622	329	265	72	21	17	0.38	0	297	31	14	28	1.08	0.16	-0.19
1262	Yavatmal	Lonbhel	G/YT-028	7.4	1283	683	505	127	45	56	1.16	0	529	36	65	37	0.53	0.48	2.22
1263	Yavatmal	Pahur	G/YT-031	7.5	2104	1114	893	245	67	77	4.17	0	910	133	95	25	0.57	0.57	6.15
1264	Yavatmal	Mandeo	G/YT-036	7.8	555	294	255	43	35	12	0.12	0	285	26	0	5	0.58	0.11	-1.38
1265	Yavatmal	Pahapal	G/YT-038	7.4	1470	779	673	125	86	19	1.82	0	648	113	17	38	0.71	0.13	1.18
1266	Yavatmal	Injhala	G/YT-040	7.9	1089	577	474	61	77	16	0.95	0	488	68	14	37	0.83	0.10	-4.53
1267	Yavatmal	Mangrule	G/YT-042	7.6	1116	591	515	72	80	31	1.15	0	375	123	39	37	0.92	0.22	-3.42
1268	Yavatmal	Jamwadi	G/YT-045	7.6	1676	889	709	133	90	34	0.46	0	541	242	42	23	0.54	0.23	-1.28
1269	Yavatmal	Mojhar	G/YT-049	7.8	979	518	459	63	72	14	0.62	0	416	63	4	37	0.67	0.09	-3.46
1270	Yavatmal	Wadhona	G/YT-050	7.6	727	387	326	72	35	11	0.14	0	309	34	25	36	0.99	0.10	-1.10
1271	Yavatmal	Umarde (Nursary)	G/YT-051	7.3	3366	1783	1408	286	165	58	0.53	0	910	607	74	4	0.56	0.31	-1.64
1272	Yavatmal	Kotha	G/YT-052	7.6	1586	841	719	102	111	29	2.03	0	648	130	24	37	0.58	0.18	-1.02
1273	Yavatmal	Savar	G/YT-053	7.7	1274	674	377	108	26	77	1.18	0	494	86	27	38	0.62	0.67	1.81
1274	Yavatmal	Chaparda	G/YT-057	7.7	829	440	428	72	60	17	0.62	0	464	34	15	38	0.66	0.12	-1.58
1275	Yavatmal	Dhanaj (Manekwada)	G/YT-058	7.7	1942	1030	699	47	139	112	1.11	0	785	192	16	38	0.53	0.72	1.47
1276	Yavatmal	Zadgaon	G/YT-093	7.9	1197	633	520	61	87	26	0.21	0	494	86	25	37	0.97	0.21	0.89
1277	Yavatmal	Karanji1	G/YT-072	7.8	973	516	434	78	57	26	0.92	0	285	123	34	34	1.44	0.26	-0.02
1278	Yavatmal	Aamli	G/YT-094	7.7	2155	1139	882	123	137	30	32.95	0	898	205	31	38	0.36	0.19	3.42
1279	Yavatmal	Singad	G/YT-097	7.8	673	357	332	67	39	13	0.85	0	315	21	8	37	0.78	0.16	1.97
1280	Yavatmal	Mowada	G/YT-099	8	688	364	362	55	53	12	0.21	0	345	24	10	37	0.78	0.12	1.25
1281	Yavatmal	Buranda-Hetis	G/YT-100	7.8	660	351	275	65	27	18	0.35	0	274	31	11	37	1.18	0.26	2.28
1282	Yavatmal	Metikheda	G/YT-101	7.7	979	518	428	63	64	16	0.46	0	369	63	32	37	0.79	0.15	0.74
1283	Yavatmal	Yavatmal	G/YT-102	7.7	1186	628	485	47	87	13	0.93	0	416	113	18	35	0.64	0.11	-0.38
1284	Yavatmal	Dahegaon	G/YT-106	7.8	1150	604	566	125	61	10	1.19	0	583	73	12	38	0.61	0.10	4.55

S.No.	DISTRICT NAME	SITE NAME	OLD_SITE_ID	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F	SAR	RSC
					µs/cm														
1285	Yavatmal	Khadka	G/YT-107	7.8	631	335	306	59	38	6	0.18	0	339	21	14	22	0.81	0.07	2.46
1286	Yavatmal	Khatara	G/YT-105	8	709	375	332	55	46	10	0.4	0	297	21	21	36	0.34	0.11	1.07
1287	Yavatmal	Satpali	G/YT-109	7.7	2262	1199	959	88	176	60	5.13	0	732	239	47	23	0.62	0.34	-2.51
1288	Yavatmal	Wani-1	G/YT-110	7.9	1728	915	673	65	122	47	23.18	0	607	150	63	36	1.07	0.32	-0.06
1289	Yavatmal	Sangwi Rly	G/YT-117	7.7	1673	887	638	59	117	85	0.91	0	898	76	35	5	2.99	0.60	5.12
1290	Yavatmal	Arni-1	G/YT-120	7.9	598	316	316	51	45	8	0.45	0	315	38	8	20	0.71	0.09	1.47
1291	Yavatmal	Sawli Sadoba	G/YT-122	7.6	543	288	260	84	12	9	0.38	0	291	24	25	13	0.61	0.20	3.78
1292	Yavatmal	Shibla	G/YT-123	7.7	694	367	306	86	22	18	0.63	0	339	34	27	34	0.60	0.29	3.76

District-wise range of values of each parameter per BIS found in the ground water of Maharashtra State (May 2018)

Annexure-XXI

District	No. of Samples analysed	TDS		TH		Ca		Mg		Cl		SO4		NO3	F	
		500-2000	>2000	300-600	>600	75-200	>200	30-100	>100	250-1000	>1000	200-400	>400	>45	1.0-1.5	>1.5
		mg/L														
Ahmednagar	56	31	1	19	21	20	2	29	15	9	0	0	0	0	6	2
Akola	16	5	2	7	5	6	1	9	3	4	0	0	1	0	4	0
Amravati	77	39	0	41	12	17	0	44	12	2	0	0	0	0	11	4
Aurangabad	31	20	1	17	11	15	1	20	7	2	1	0	0	0	1	0
Beed	47	18	0	18	9	15	1	29	5	4	0	1	0	0	7	5
Bhandara	23	14	0	10	0	1	0	16	0	0	0	0	0	2	1	3
Buldhana	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chandrapur	48	34	0	30	6	16	0	31	4	2	0	0	0	0	10	20
DNH	17	2	0	1	0	0	0	7	0	0	0	0	0	0	3	0
Dhule	26	15	3	12	8	7	1	10	8	5	1	6	0	19	2	1
Gadchiroli	30	16	0	13	2	8	0	15	2	1	0	0	0	0	9	3
Gondia	20	10	0	5	4	6	0	8	1	1	0	0	0	3	3	0
Hingoli	20	9	1	13	1	6	1	11	1	1	0	0	0	0	2	1
Jalgaon	37	24	0	24	7	8	0	28	6	1	0	0	0	0	2	0
Jalna	35	22	1	15	12	13	1	21	8	3	0	0	0	0	4	3
Kolhapur	32	6	0	8	1	1	0	13	1	0	0	0	0	0	7	0
Latur	36	29	0	21	9	13	1	24	8	1	0	1	0	2	1	0
Mumbai	21	6	0	7	0	1	0	13	0	1	0	0	0	0	3	0
Nagpur	71	30	0	24	6	16	1	43	0	1	0	0	0	9	10	3
Nanded	31	20	0	21	5	17	0	25	2	5	0	0	0	0	2	3
Nandurbar	16	9	1	10	1	10	0	10	1	1	0	0	0	0	1	0
Nashik	58	34	4	28	12	16	0	37	9	9	0	0	0	6	4	0
Osmanabad	30	19	0	18	6	13	1	19	5	3	0	0	0	0	6	1
Parbhani	22	8	0	10	1	6	0	12	1	0	0	0	0	0	2	2
Pune	45	16	0	23	2	0	0	32	4	1	0	0	0	0	3	0
Raigad	35	1	0	2	1	1	0	5	1	1	0	0	0	0	2	0
Ratnagiri	58	0	1	0	1	1	0	1	1	0	1	0	0	0	0	0
Sangli	33	17	1	17	6	6	1	21	5	2	0	0	0	0	0	0
Satara	48	19	1	28	5	12	0	35	3	1	1	0	0	0	2	0
Sindhudurg	48	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
Solapur	46	36	3	19	19	21	5	29	10	12	0	0	0	0	5	6
Thane	56	10	1	6	1	1	0	15	2	0	0	0	0	0	15	0
Wardha	43	21	0	25	10	24	0	26	8	0	0	0	0	0	1	0
Washim	11	6	0	9	2	6	0	6	2	1	0	0	0	0	3	0
Yavatmal	38	26	0	21	13	16	2	25	8	1	0	0	0	0	5	1
Grand Total	1292	572	21	523	199	319	19	671	143	75	4	8	1	41	137	58

Annexure-XXII

District-wise Minimum, Maximum and Average values of each parameter found in the ground water of Maharashtra State (May 2018)

District	Observation	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F
			µS/cm	mg/L											
Ahmednagar	Minimum	7.5	120	63	76.5	10.22	4.86	6.00	0.27	0.00	83.27	3.72	0.00	4.00	0.01
	Maximum	8.4	6379	3379	2422.5	486.49	315.95	364.00	35.94	17.55	2313.58	740.73	160.00	41.00	2.07
	Average	7.9	1517	815	565.01	82.57	85.54	88.18	4.58	0.52	583.81	145.70	48.30	30.75	0.45
Akola	Minimum	7.1	521	276	214.2	40.88	17.01	16.00	0.30	0.00	285.48	11.17	0.00	6.00	0.52
	Maximum	7.8	6469	3396	2300.1	433.34	290.43	348.00	31.67	0.00	1796.15	807.73	750.00	41.00	1.42
	Average	7.6	1707	902	594.47	99.39	82.56	95.06	3.65	0.00	631.92	161.76	74.81	30.00	0.87
Amravati	Minimum	7.2	278	147	112.2	26.57	1.22	10.00	0.25	0.00	130.85	8.69	0.00	0.00	0.35
	Maximum	8.5	3710	1969	1076.1	161.48	228.46	256.00	61.38	35.10	1219.24	323.84	63.00	42.00	2.25
	Average	7.8	1074	573	408.86	61.35	60.95	59.53	2.70	0.76	485.69	70.63	20.56	25.18	0.80
Aurangabad	Minimum	7.4	736	390	214.2	34.75	18.23	28.00	0.61	0.00	303.32	35.98	12.00	5.00	0.24
	Maximum	8.1	7976	4242	2177.7	267.77	481.22	456.00	63.08	0.00	1671.25	1199.81	130.00	44.00	0.79
	Average	7.8	1577	836	558.04	82.95	83.65	88.87	5.56	0.00	587.84	146.13	33.32	35.26	0.53
Beed	Minimum	7.4	406	215	153	34.75	7.29	10.00	0.32	0.00	148.69	13.65	0.00	3.00	0.02
	Maximum	8.5	3452	1831	1693.2	204.41	332.96	195.00	57.91	17.55	1480.93	460.32	270.00	41.00	4.36
	Average	8.0	1115	591	431.55	75.50	57.94	58.30	4.39	0.37	469.98	97.76	40.37	27.89	0.70
Bhandara	Minimum	7.0	237	125	107.1	22.48	12.15	17.36	0.67	0.00	154.64	35.98	6.00	3.00	0.25
	Maximum	7.7	2432	1290	443.7	87.90	59.54	173.14	55.18	0.00	547.17	165.02	65.00	46.00	3.26
	Average	7.5	1127	596	284.93	50.92	37.62	64.16	9.05	0.00	315.73	85.29	37.74	31.09	0.85
Buldhana	Minimum	7.3	495	263	204	40.88	9.72	4.00	0.12	0.00	226.01	23.57	4.00	5.00	0.48
	Maximum	8.2	4320	2282	2152.2	206.45	390.08	115.00	49.20	0.00	1243.03	810.21	158.00	42.00	2.43
	Average	7.8	1373	719	545.70	84.86	79.58	56.42	4.35	0.00	538.34	136.92	30.55	32.29	0.99
Chandrapur	Minimum	7.2	238	126	102	24.53	3.65	8.00	0.51	0.00	95.16	6.20	2.00	0.00	0.38
	Maximum	8.0	2379	1259	795.6	126.73	123.95	263.00	62.40	0.00	939.71	363.54	94.00	44.00	4.93
	Average	7.6	1229	650	391.64	68.05	52.86	89.81	10.42	0.00	506.28	90.94	34.29	23.71	1.71
Dhule	Minimum	7.3	419	222	102	18.40	9.72	25.00	0.39	0.00	154.64	16.13	12.00	7.00	0.24
	Maximum	8.0	5416	2867	1861.5	480.36	297.72	483.00	51.84	0.00	1243.03	1036.03	396.00	48.00	1.69
	Average	7.7	1960	1038	522.36	76.50	78.99	190.95	5.56	0.00	562.95	202.81	125.58	38.65	0.59
DNH	Minimum	6.9	190	100	61.2	8.18	4.86	8.73	0.41	0.00	53.53	6.20	8.00	0.05	0.01
	Maximum	7.8	1378	730	413.1	63.37	60.76	74.00	33.41	0.00	481.75	105.46	97.00	21.00	1.27
	Average	7.3	573	303	199.50	34.99	26.73	25.84	3.42	0.00	233.35	35.11	26.65	4.29	0.40
Gadchiroli	Minimum	7.0	133	70	102	28.62	4.86	14.00	1.29	0.00	124.90	8.69	3.00	2.00	0.22
	Maximum	7.9	2439	1290	729.3	149.22	104.51	128.00	13.12	0.00	612.59	368.50	62.00	43.00	1.84
	Average	7.5	1055	559	319.60	65.68	37.10	47.60	4.99	0.00	286.07	97.44	28.70	30.57	0.88
Gondia	Minimum	6.9	135	72	45.9	8.18	4.86	9.00	0.99	0.00	59.48	8.69	6.00	2.00	0.07

District	Observation	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F
			µS/cm	mg/L											
Hingoli	Maximum	8.1	2082	1103	790.5	122.64	121.52	89.00	50.30	0.00	535.28	259.32	80.00	47.00	1.29
	Average	7.5	930	492	314.67	57.03	41.07	51.25	10.19	0.00	290.24	97.03	38.45	27.70	0.50
	Minimum	7.4	332	176	158.1	38.84	12.15	18.00	0.58	0.00	172.48	13.65	15.00	4.00	0.35
	Maximum	7.9	4056	2146	979.2	200.32	114.23	553.00	29.71	0.00	1296.56	549.65	120.00	43.00	1.52
	Average	7.7	1096	581	368.22	75.12	43.08	84.75	3.67	0.00	413.65	95.66	44.05	32.95	0.70
Jalgaon	Minimum	7.5	540	286	178.5	30.66	6.08	21.00	0.21	0.00	243.85	13.65	0.00	0.00	0.26
	Maximum	8.1	2834	1496	1106.7	114.47	226.03	128.00	32.75	0.00	862.39	373.47	52.00	42.00	1.08
	Average	7.8	1239	657	473.34	65.80	73.67	61.54	3.07	0.00	498.46	99.49	23.41	29.47	0.57
Jalna	Minimum	7.4	519	275	214.2	30.66	17.01	21.00	0.46	0.00	226.01	16.13	11.00	6.00	0.45
	Maximum	8.0	4098	2170	1504.5	275.95	194.43	235.00	105.14	0.00	1463.09	428.06	94.00	43.00	1.90
	Average	7.8	1371	726	511.46	83.22	72.39	68.63	6.84	0.00	547.68	113.05	37.09	33.80	0.90
Kolhapur	Minimum	6.8	100	48	51	6.13	2.43	1.00	0.12	0.00	23.79	6.20	0.00	2.00	0.00
	Maximum	8.1	1621	868	622.2	87.90	133.67	93.00	3.15	0.00	648.28	194.80	24.00	36.00	1.07
	Average	7.6	573	303	229.98	39.48	31.33	27.63	0.65	0.00	242.73	48.54	8.50	20.06	0.09
Latur	Minimum	7.3	512	271	178.5	24.53	7.29	18.00	0.92	0.00	237.90	16.13	2.00	5.00	0.29
	Maximum	7.9	3246	1720	1167.9	249.38	216.31	284.00	24.31	0.00	1201.40	338.72	390.00	48.00	1.11
	Average	7.6	1368	725	501.50	79.61	72.17	67.22	7.06	0.00	530.81	114.42	43.64	36.50	0.69
Mumbai	Minimum	7.1	107	56	45.9	8.18	6.08	4.00	0.89	0.00	47.58	6.20	6.00	1.00	0.07
	Maximum	76.0	1972	1044	392.7	104.25	63.19	240.40	21.60	0.00	683.96	269.24	82.00	39.00	0.67
	Average	10.7	812	430	247.96	43.02	33.50	61.37	7.18	0.00	325.13	60.80	36.14	8.38	0.25
Nagpur	Minimum	7.2	397	210	137.7	18.40	10.94	17.00	0.66	0.00	71.37	11.17	7.00	0.00	0.12
	Maximum	8.0	2490	1318	877.2	249.38	89.92	286.00	114.20	0.00	927.81	294.06	182.00	47.00	2.49
	Average	7.7	1044	553	317.49	64.09	37.55	64.63	9.66	0.00	381.23	70.44	45.97	23.86	0.72
Nanded	Minimum	7.2	480	254	163.2	30.66	10.94	19.00	0.51	0.00	226.01	21.09	18.00	1.00	0.12
	Maximum	7.8	3065	1625	979.2	179.88	147.04	199.00	50.17	0.00	791.02	341.21	75.00	42.00	4.91
	Average	7.6	1343	718	454.72	86.44	56.96	70.32	6.68	0.00	454.89	123.47	42.65	32.23	0.72
Nandurbar	Minimum	7.3	418	222	153	42.93	8.51	23.00	0.61	0.00	190.32	16.13	14.00	2.00	0.26
	Maximum	7.8	4005	2118	1300.5	169.66	209.01	215.00	30.44	0.00	648.28	715.91	89.00	44.00	1.04
	Average	7.5	1197	634	429.04	89.56	48.99	57.50	2.97	0.00	372.83	111.51	49.31	34.19	0.48
Nashik	Minimum	7.3	426	225	112.2	20.44	4.86	17.00	0.51	0.00	107.06	11.17	6.00	2.00	0.27
	Maximum	7.8	4205	2230	1351.5	188.06	223.60	306.00	93.00	0.00	1022.97	715.91	176.00	46.00	1.33
	Average	7.6	1396	744	440.45	70.31	63.15	81.88	5.94	0.00	415.30	131.78	50.74	34.41	0.64
Osmanabad	Minimum	7.4	407	216	173.4	22.48	12.15	20.00	0.87	0.00	190.32	13.65	26.00	0.00	0.32
	Maximum	7.9	3364	1781	943.5	200.32	150.68	303.00	19.87	0.00	1124.08	388.35	130.00	44.00	1.77
	Average	7.6	1258	667	456.62	78.56	62.10	64.13	6.45	0.00	412.95	115.97	62.03	27.90	0.69
Parbhani	Minimum	7.4	391	207	132.6	20.44	3.65	22.00	0.65	0.00	166.53	13.65	15.00	2.00	0.38
	Maximum	8.0	1674	887	637.5	136.95	102.08	92.00	6.54	0.00	606.65	150.13	69.00	43.00	2.14
	Average	7.7	892	472	331.73	62.16	42.09	54.18	1.73	0.00	376.58	55.16	35.00	29.09	0.79

District	Observation	pH	EC	TDS	TH	Ca	Mg	Na	K	CO3	HCO3	Cl	SO4	NO3	F
			µS/cm	mg/L											
Pune	Minimum	7.5	151	80	56.1	10.22	4.86	10.00	0.16	0.00	53.53	13.65	0.00	0.00	0.00
	Maximum	8.2	2182	1155	877.2	71.54	172.56	116.00	118.19	0.00	791.02	289.09	41.00	41.00	1.05
	Average	7.9	901	470	338.75	44.02	54.55	53.67	4.42	0.00	396.76	70.67	11.14	21.04	0.17
Raigad	Minimum	7.4	74	39	30.6	6.13	1.22	1.00	0.12	0.00	17.84	6.20	0.00	1.00	0.00
	Maximum	8.2	2256	1196	759.9	85.85	168.91	136.00	33.43	0.00	672.07	370.98	38.00	38.00	0.14
	Average	7.8	494	262	190.30	41.52	20.66	27.43	1.64	0.00	208.67	45.91	9.26	14.20	0.01
Ratnagiri	Minimum	5.8	33	17	15.3	2.04	1.22	1.00	0.41	0.00	17.84	1.24	0.00	0.00	0.00
	Maximum	7.7	7965	4054	1244.4	143.09	211.44	1200.00	31.79	0.00	1784.25	1460.36	94.00	27.00	0.56
	Average	6.7	319	166	79.75	13.57	10.94	31.70	3.00	0.00	99.57	40.09	6.27	3.17	0.06
Sangli	Minimum	7.5	524	277	163.2	26.57	-2.43	20.00	0.27	0.00	226.01	23.57	0.00	4.00	0.00
	Maximum	8.3	5041	2677	2050.2	439.48	227.24	216.00	4.32	35.10	1189.50	954.14	88.00	39.00	1.07
	Average	7.9	1182	629	464.10	73.96	66.62	68.06	1.31	1.06	499.95	110.43	23.30	22.33	0.14
Satara	Minimum	7.2	84	44	51	10.22	6.08	1.00	0.18	0.00	23.79	11.17	0.00	3.00	0.00
	Maximum	8.5	7296	3870	2493.9	186.01	483.65	315.00	5.46	35.10	2081.63	1142.73	130.00	38.00	0.28
	Average	7.8	1080	572	437.96	60.81	68.20	53.52	1.04	0.98	465.02	96.68	14.06	25.06	0.04
Sindudurg	Minimum	5.5	29	15	10.2	2.04	-9.72	2.00	0.37	0.00	11.90	1.24	0.00	0.00	0.02
	Maximum	7.5	882	468	357	67.45	60.76	39.19	12.26	0.00	297.38	127.80	56.00	35.00	0.53
	Average	6.6	206	109	77.03	18.18	7.54	10.50	4.09	0.00	80.42	19.18	9.29	5.67	0.14
Solapur	Minimum	7.2	527	279	158.1	30.66	12.15	32.00	0.42	0.00	237.90	21.09	6.00	2.00	0.33
	Maximum	8.2	4743	2513	1545.3	296.39	240.61	315.00	67.71	0.00	1040.81	939.25	190.00	44.00	1.78
	Average	7.6	1785	946	604.13	104.47	81.84	109.76	9.72	0.00	571.35	203.05	66.02	32.07	1.06
Thane	Minimum	6.4	97	51	51	10.22	-3.65	5.31	0.51	0.00	35.69	8.69	3.00	0.08	0.07
	Maximum	8.2	2256	3954	765	102.20	121.52	213.20	49.12	0.00	939.71	244.43	69.00	25.00	0.50
	Average	7.4	647	406	211.92	36.36	28.88	35.36	5.25	0.00	244.17	56.41	21.21	4.03	0.19
Wardha	Minimum	7.1	398	210	193.8	42.93	4.86	3.00	0.07	0.00	190.32	11.17	0.00	4.00	0.35
	Maximum	8.0	1947	1028	943.5	126.73	173.77	55.00	75.95	0.00	749.39	219.61	67.00	39.00	1.19
	Average	7.7	1057	559	476.20	80.24	65.76	15.93	3.71	0.00	441.22	77.19	27.93	31.74	0.72
Washim	Minimum	7.5	726	385	300.9	61.32	21.87	25.00	1.03	0.00	303.32	28.54	13.00	11.00	0.50
	Maximum	7.8	2366	1254	729.3	122.64	137.32	156.00	113.54	0.00	969.44	264.28	49.00	42.00	1.44
	Average	7.6	1182	626	448.80	83.25	57.45	54.64	14.32	0.00	476.34	105.01	26.36	30.82	0.86
Yavatmal	Minimum	7.3	543	288	255	42.93	12.15	6.00	0.12	0.00	273.59	21.09	0.00	4.00	0.34
	Maximum	8.0	3366	1783	1407.6	286.17	176.20	112.00	32.95	0.00	909.97	606.73	95.00	38.00	2.99
	Average	7.7	1256	665	540.20	91.82	74.13	32.55	2.42	0.00	511.95	106.51	28.39	30.82	0.82

PLATE I

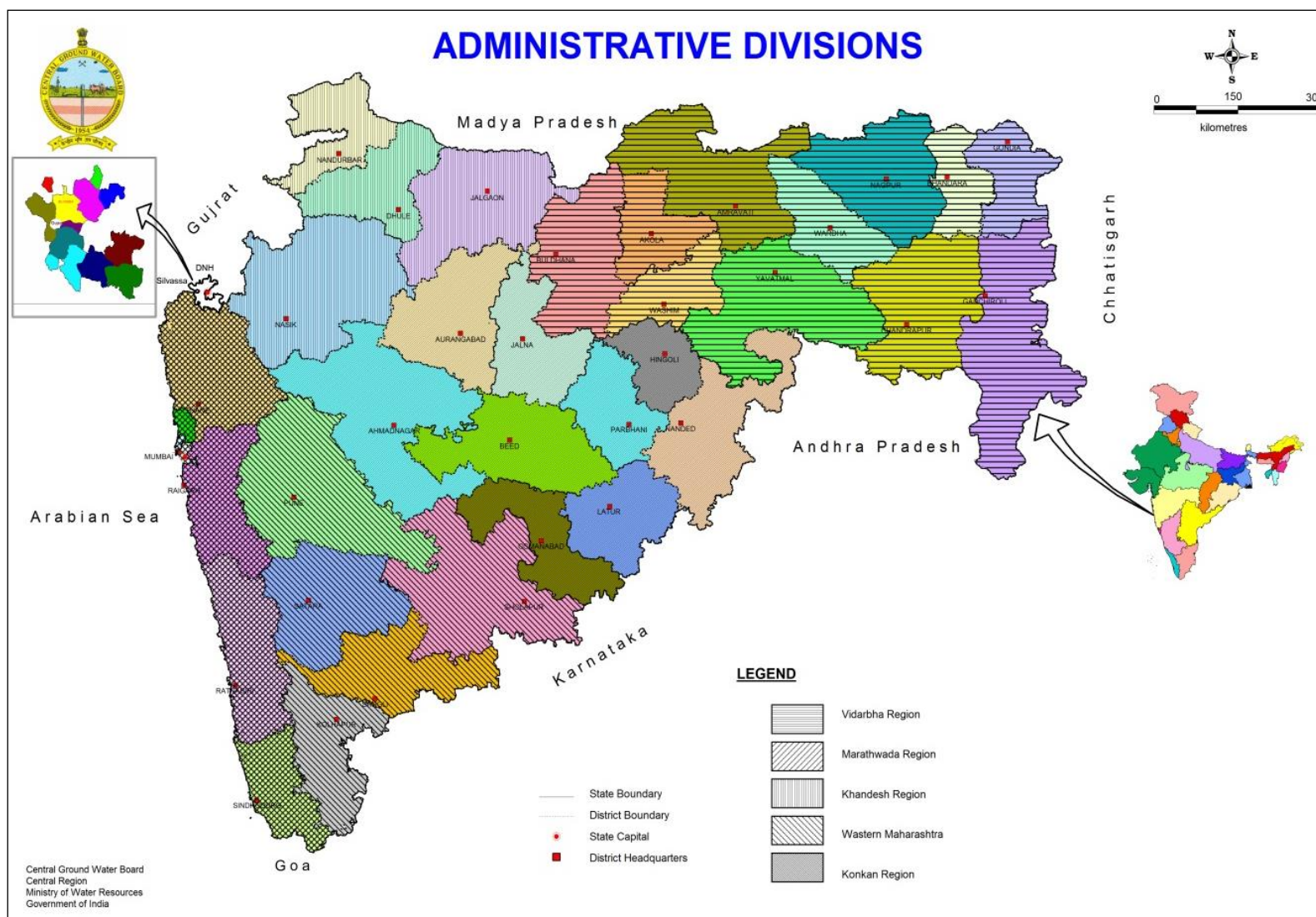


PLATE II

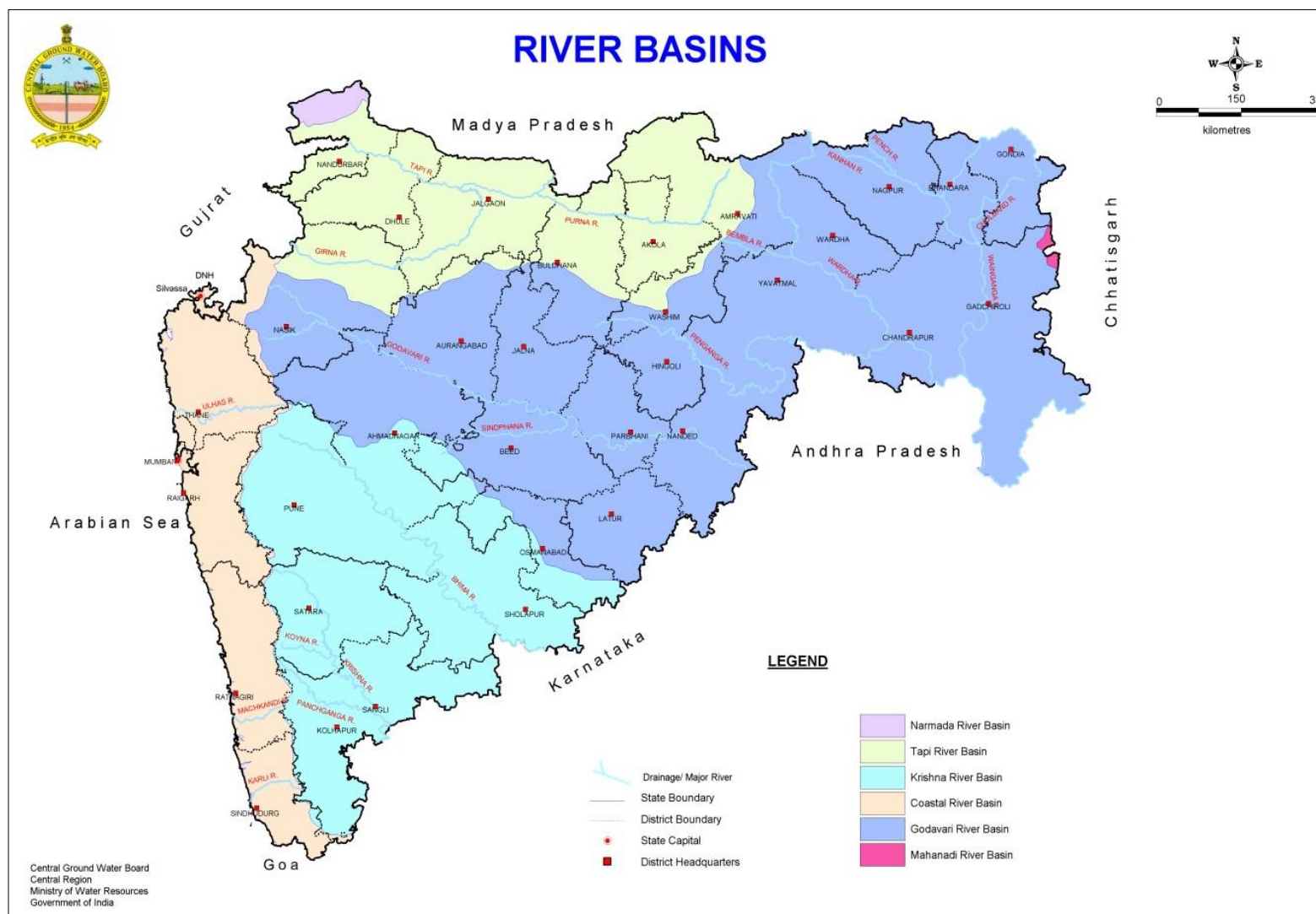


PLATE III

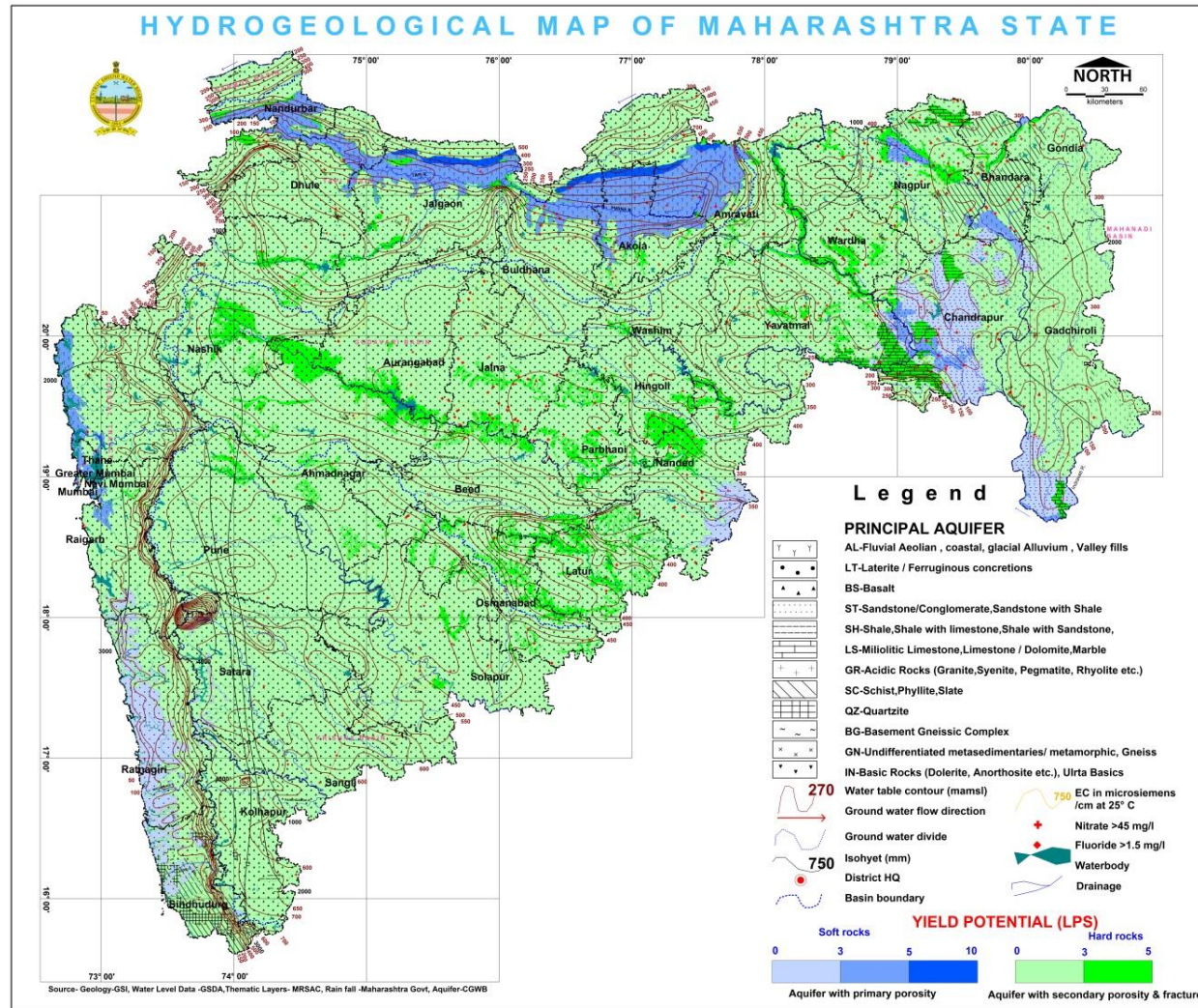


PLATE IV

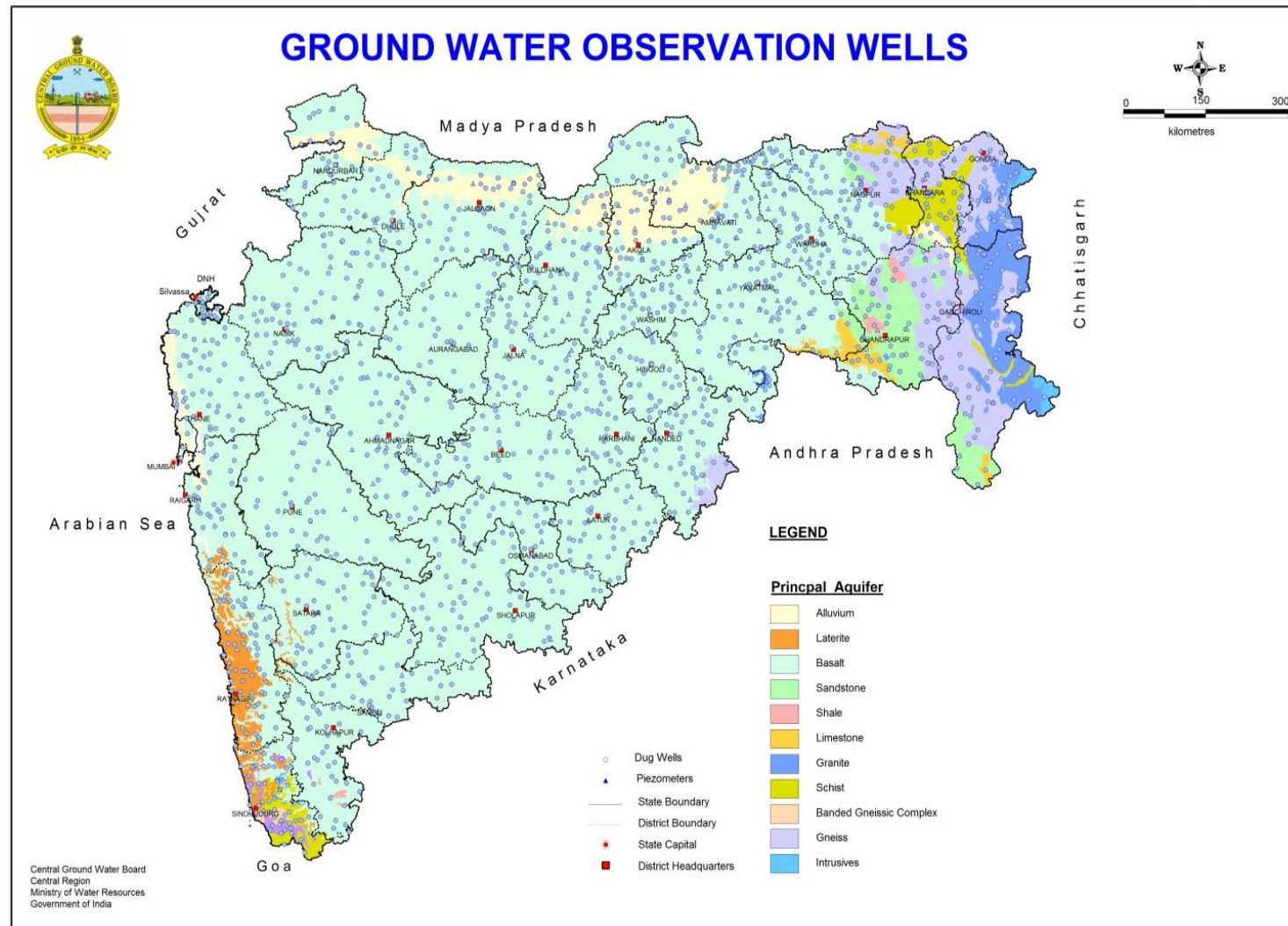


PLATE V

DEPTH TO WATER LEVEL, MAHARASHTRA AND DADRA & NAGAR HAVELI (MAY 2018)

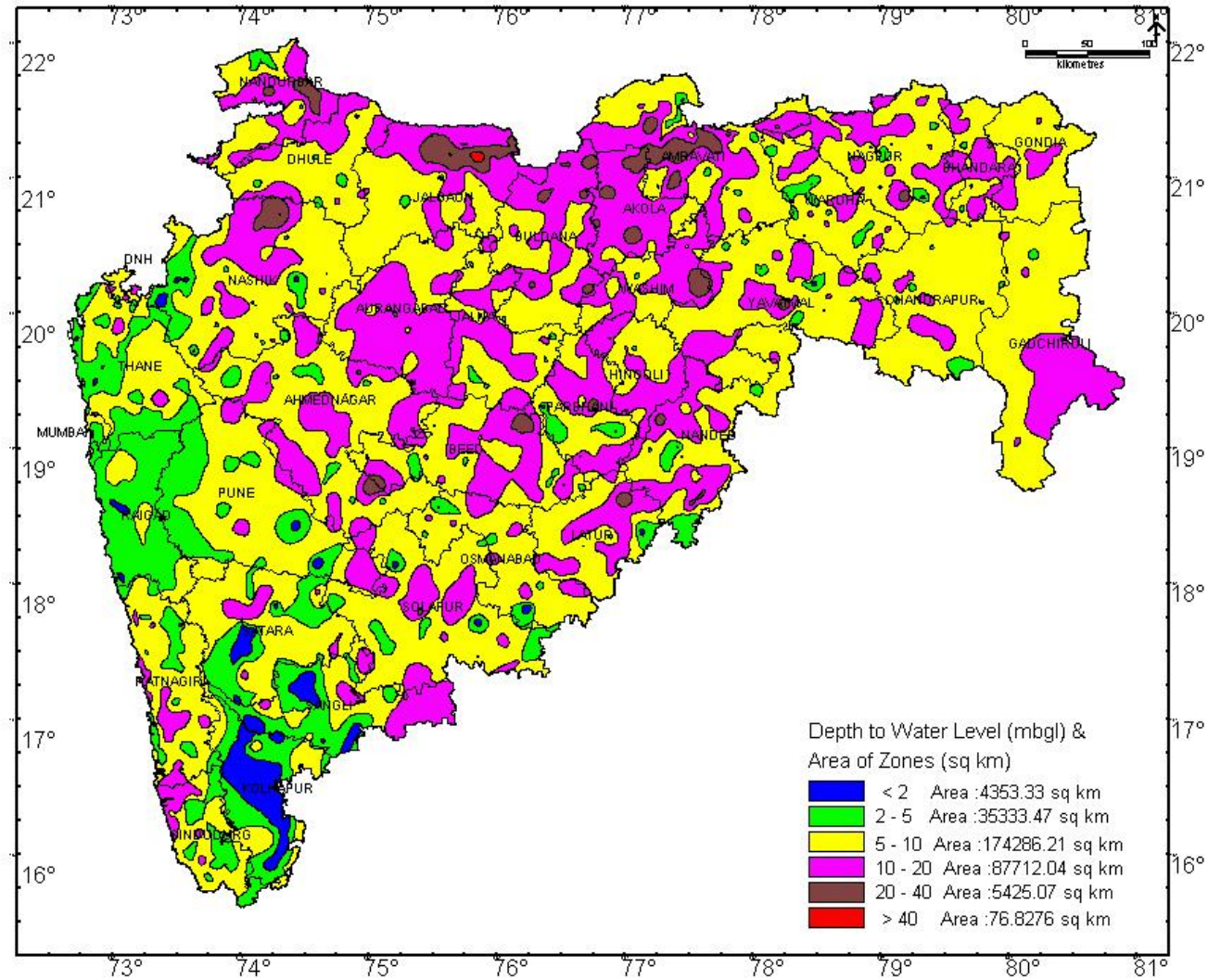


PLATE-VI

DEPTH TO WATER LEVEL, MAHARASHTRA AND DADRA & NAGAR HAVELI (AUGUST 2018)

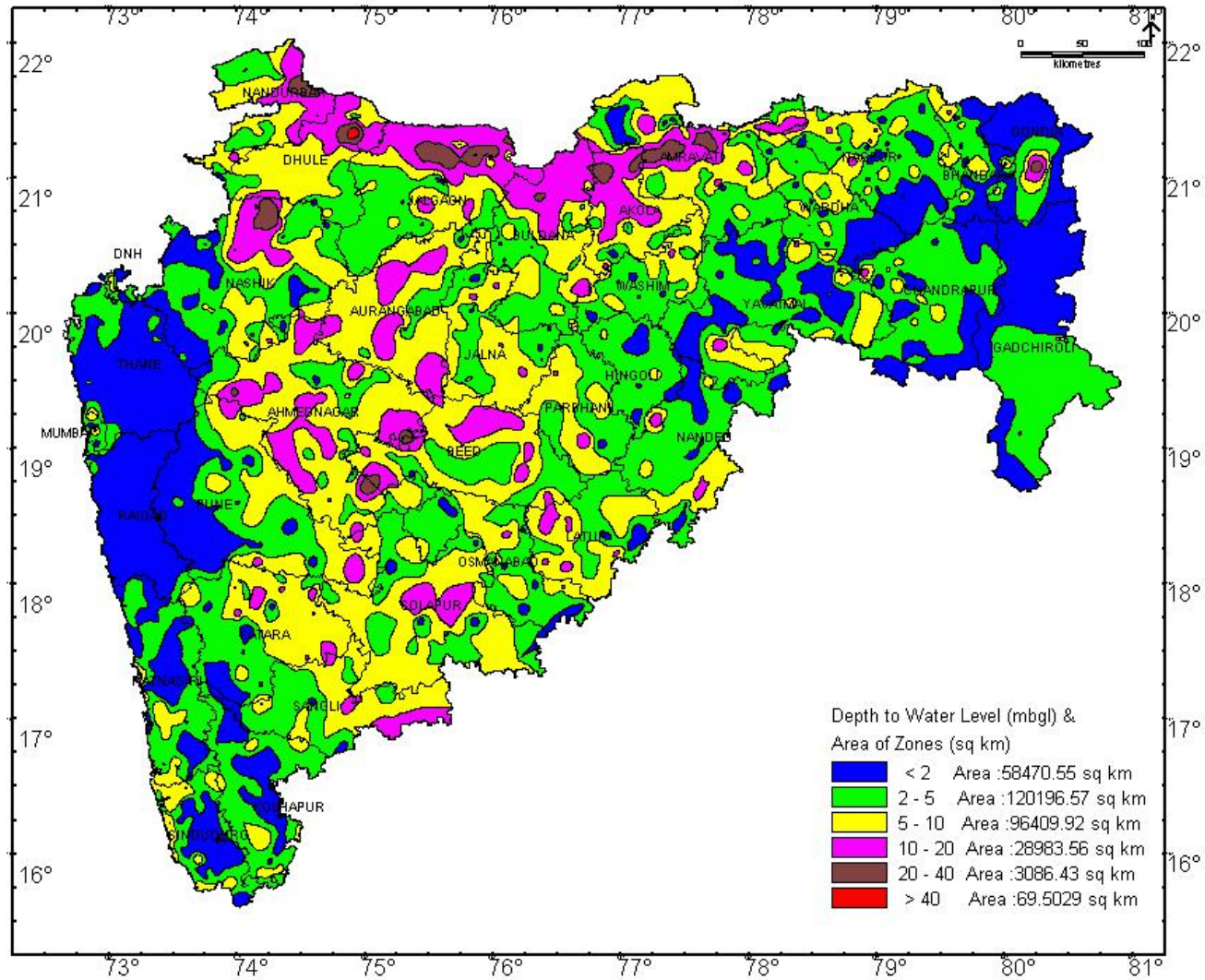


PLATE VII

DEPTH TO WATER LEVEL, MAHARASHTRA AND UT OF DADRA AND NAGAR HAVELI (NOVEMBER 2018)

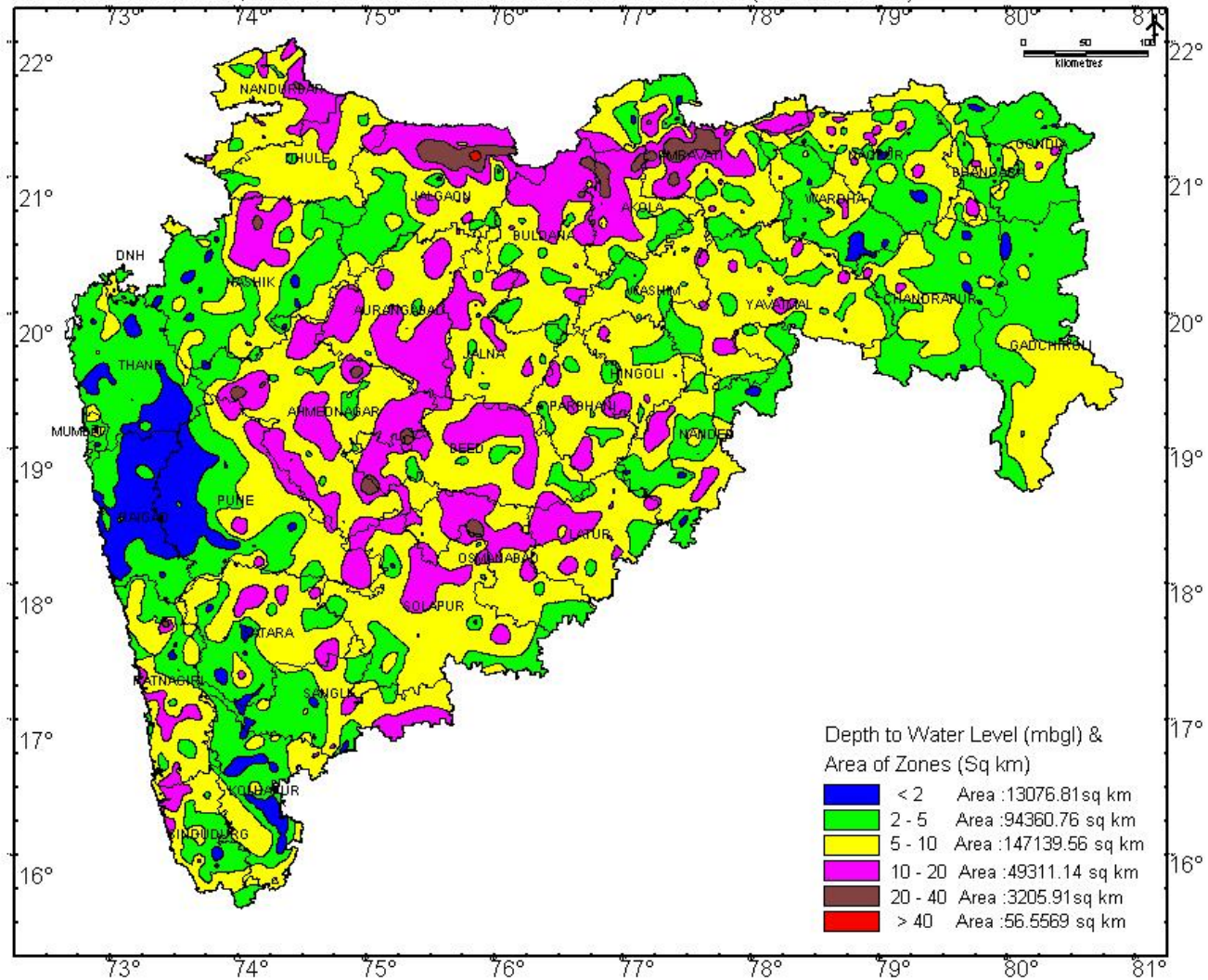


PLATE VIII

DEPTH TO WATER LEVEL, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (JAN 2019)

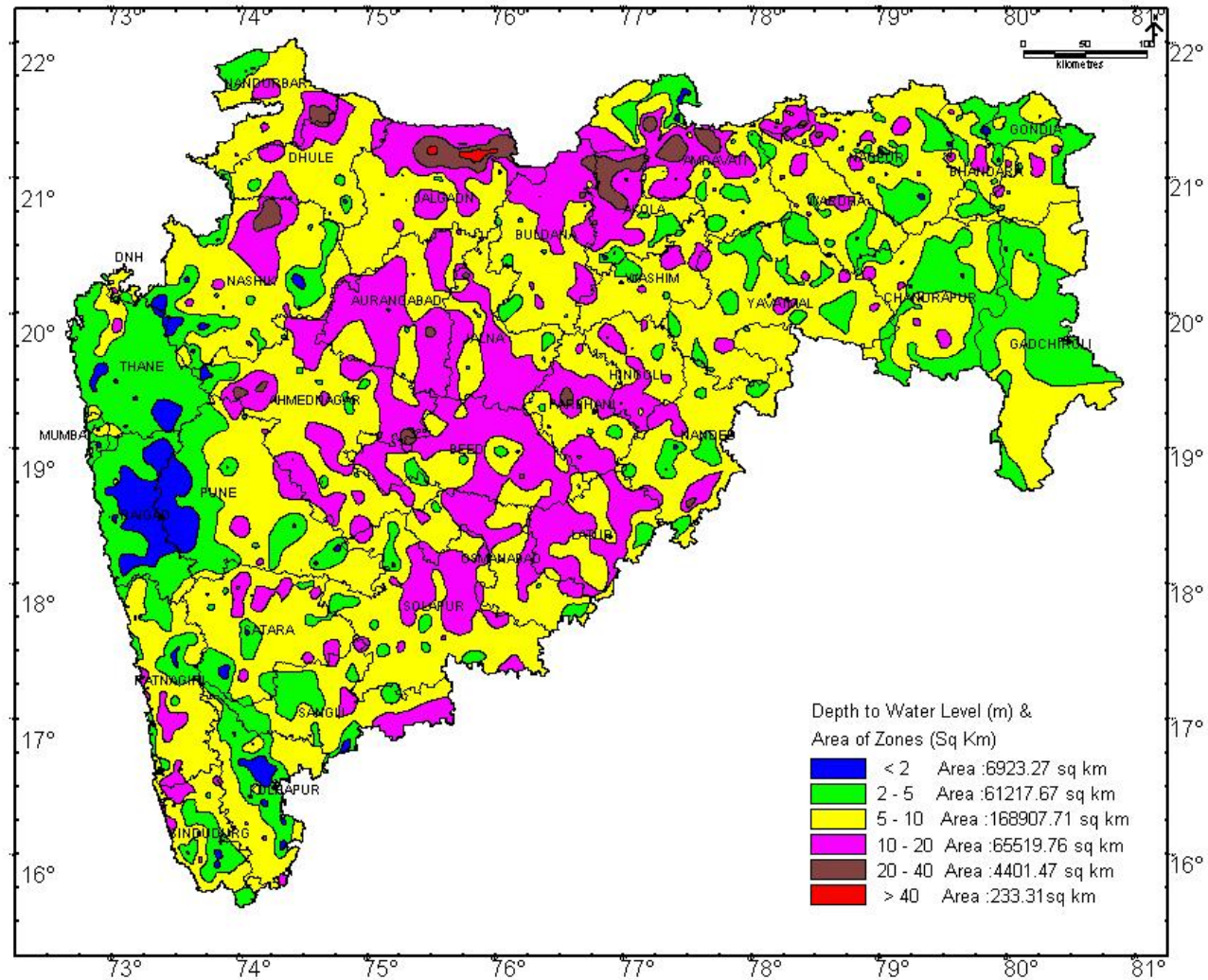


PLATE IX

WATER LEVEL FLUCTUATION, MAHARASHTRA AND DADRA & NAGAR HAVELI (AUGUST 2018 WRT MAY 2018)

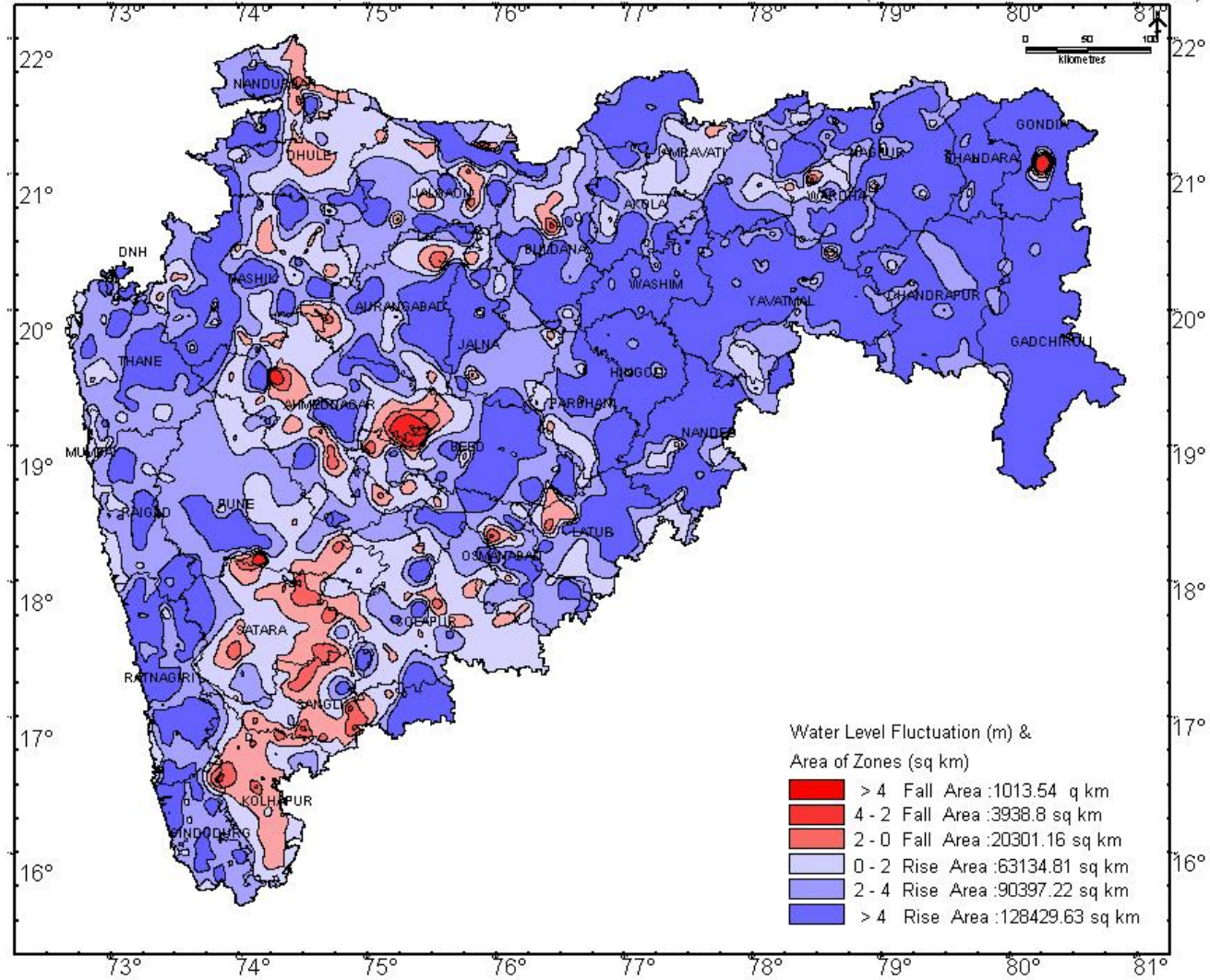


PLATE X

WATER LEVEL FLUCTUATION, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (NOV.2018 WRT MAY 2018)

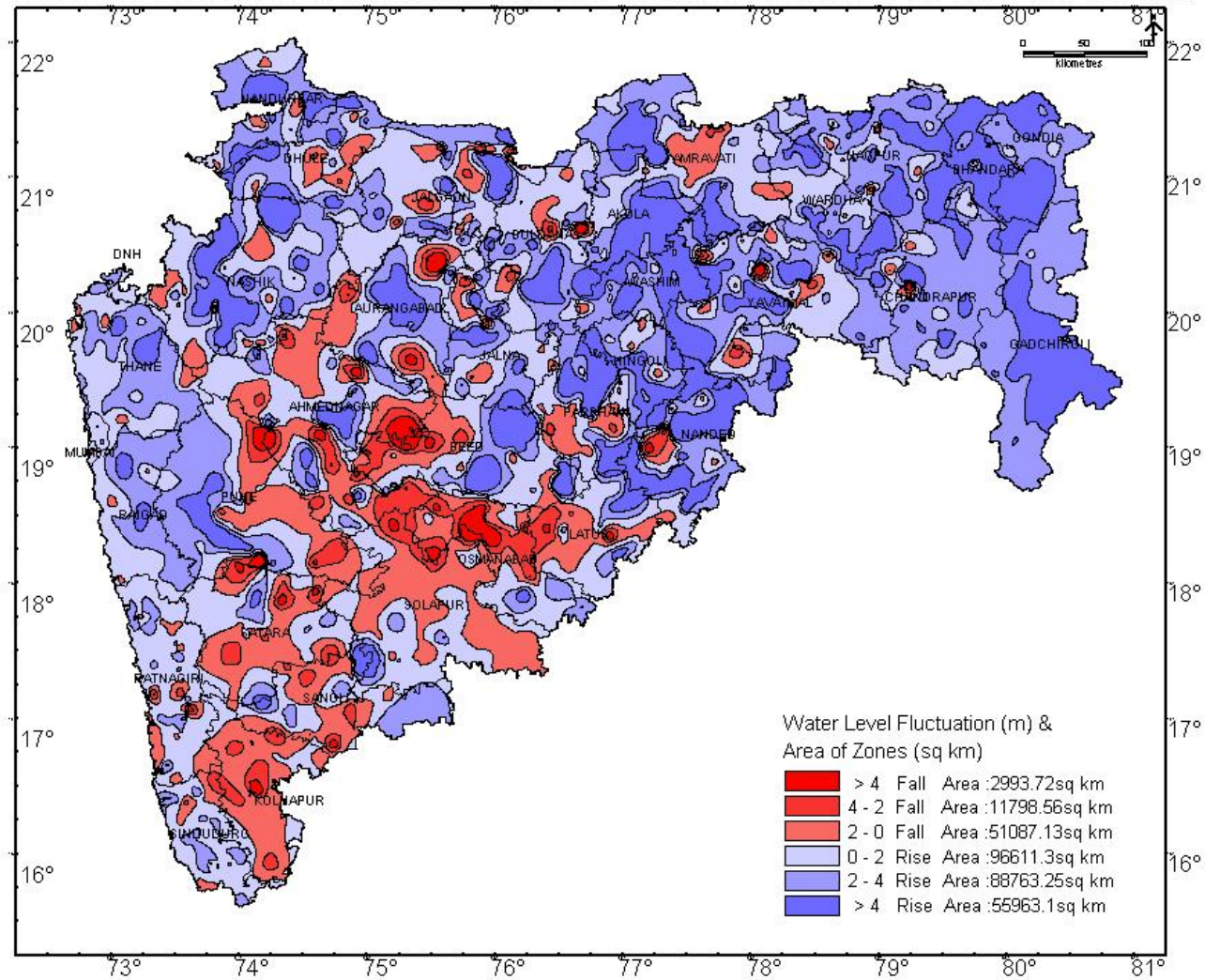


PLATE XI

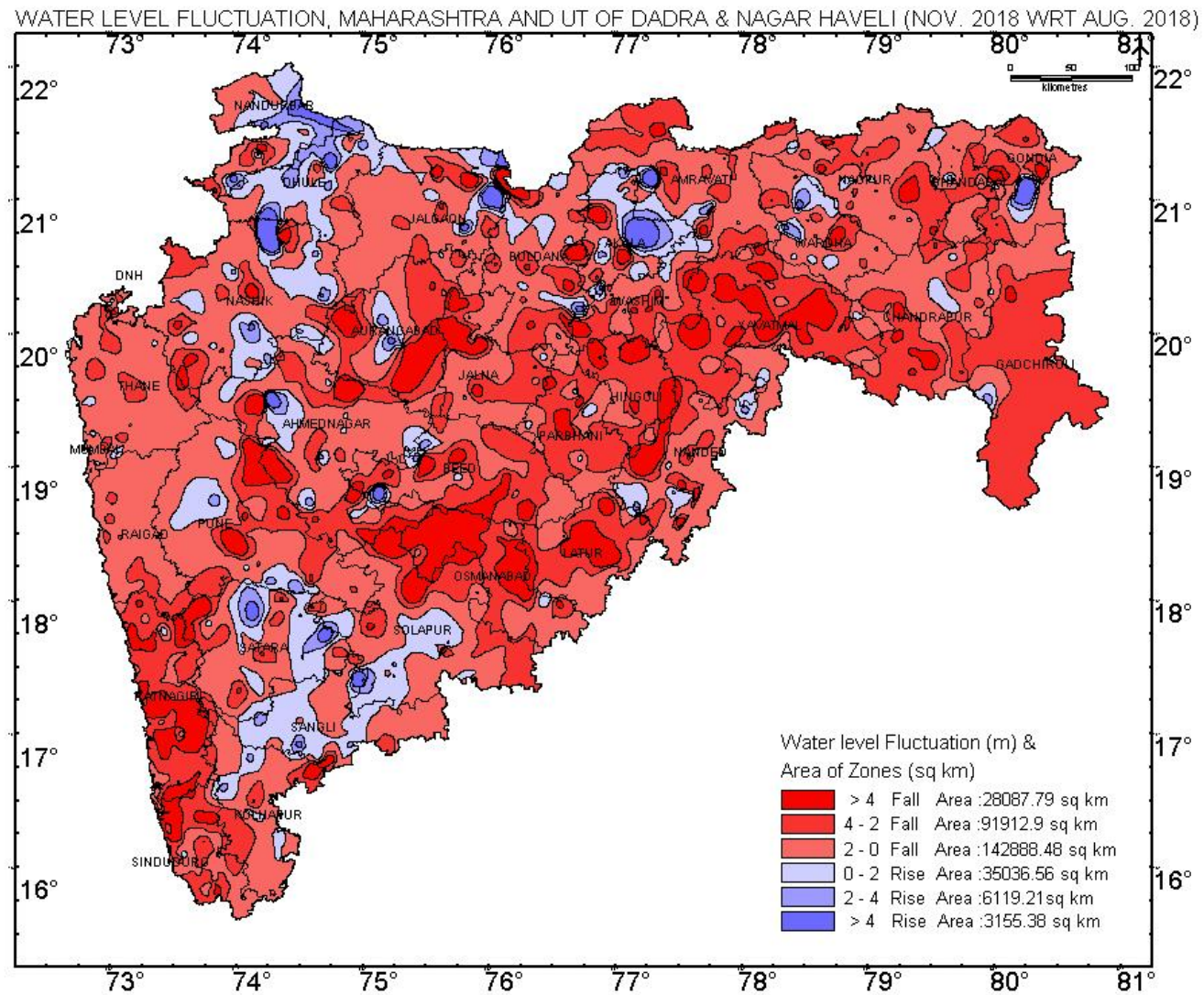


PLATE XII

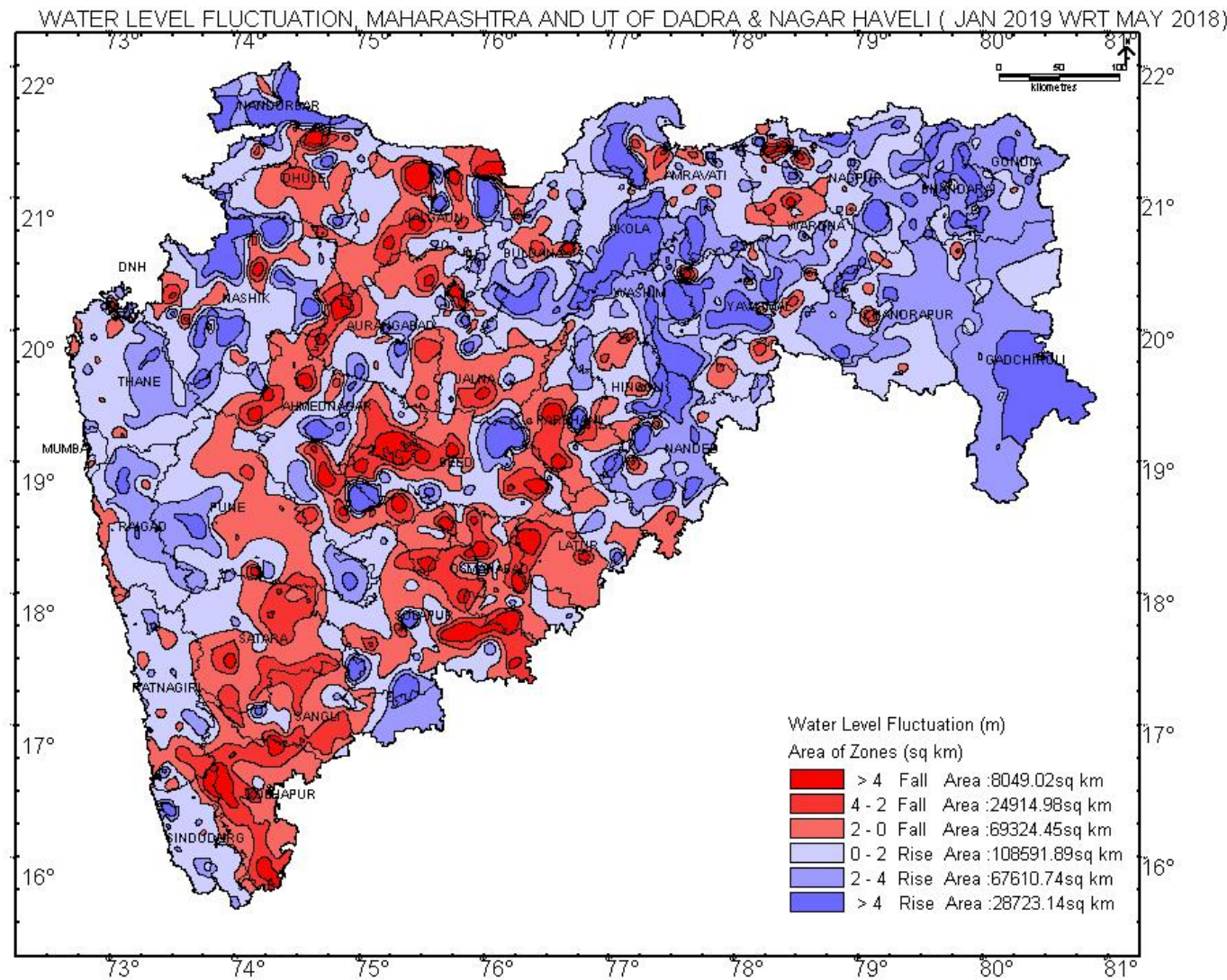


PLATE XIII

WATER LEVEL FLUCTUATION, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (JAN 2019 WRT NOV 2018)

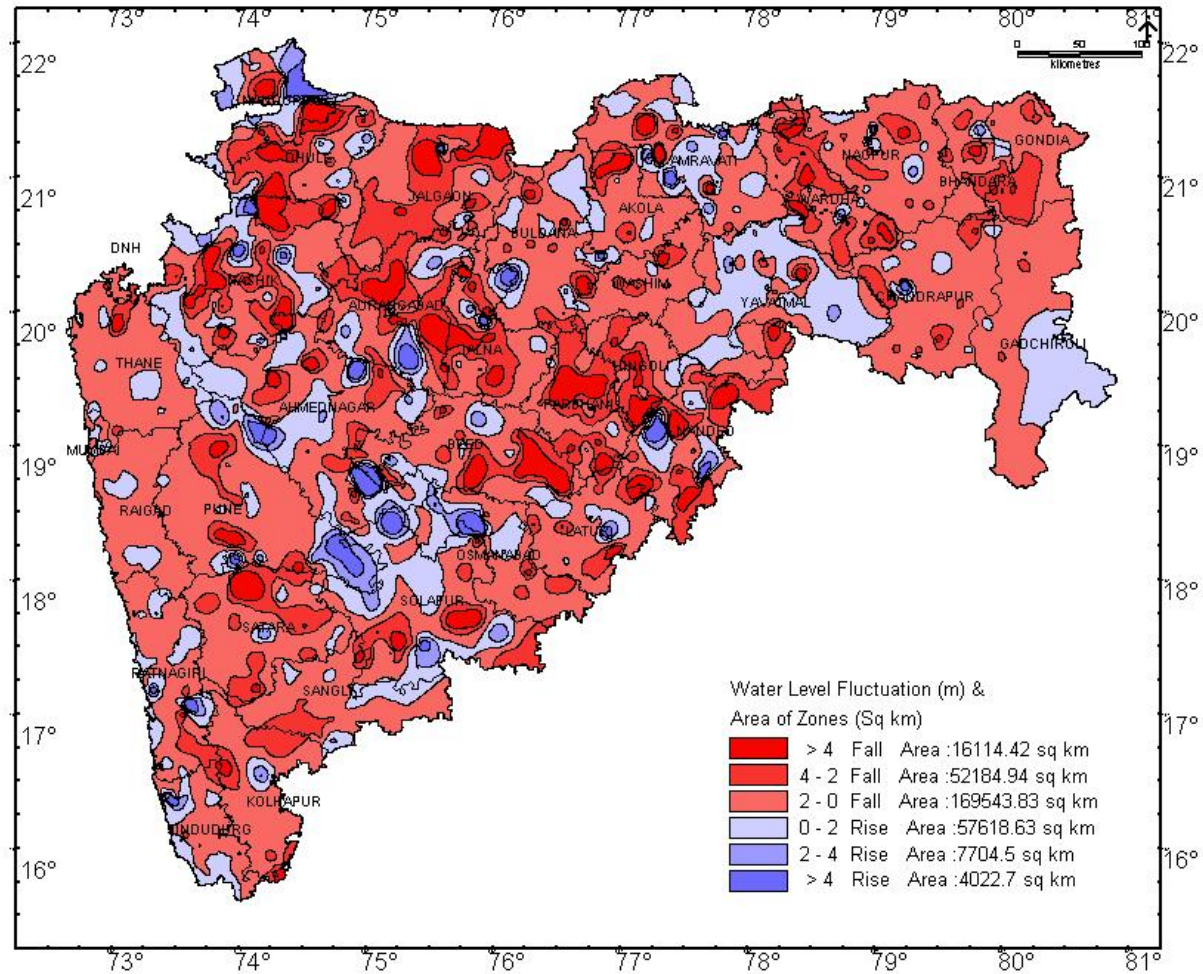


PLATE XIV

WATER LEVEL FLUCTUATION, MAHARASHTRA AND DADRA & NAGAR HAVELI (MAY 2018 WRT DECADEAL MEAN (MAY 2008-17))

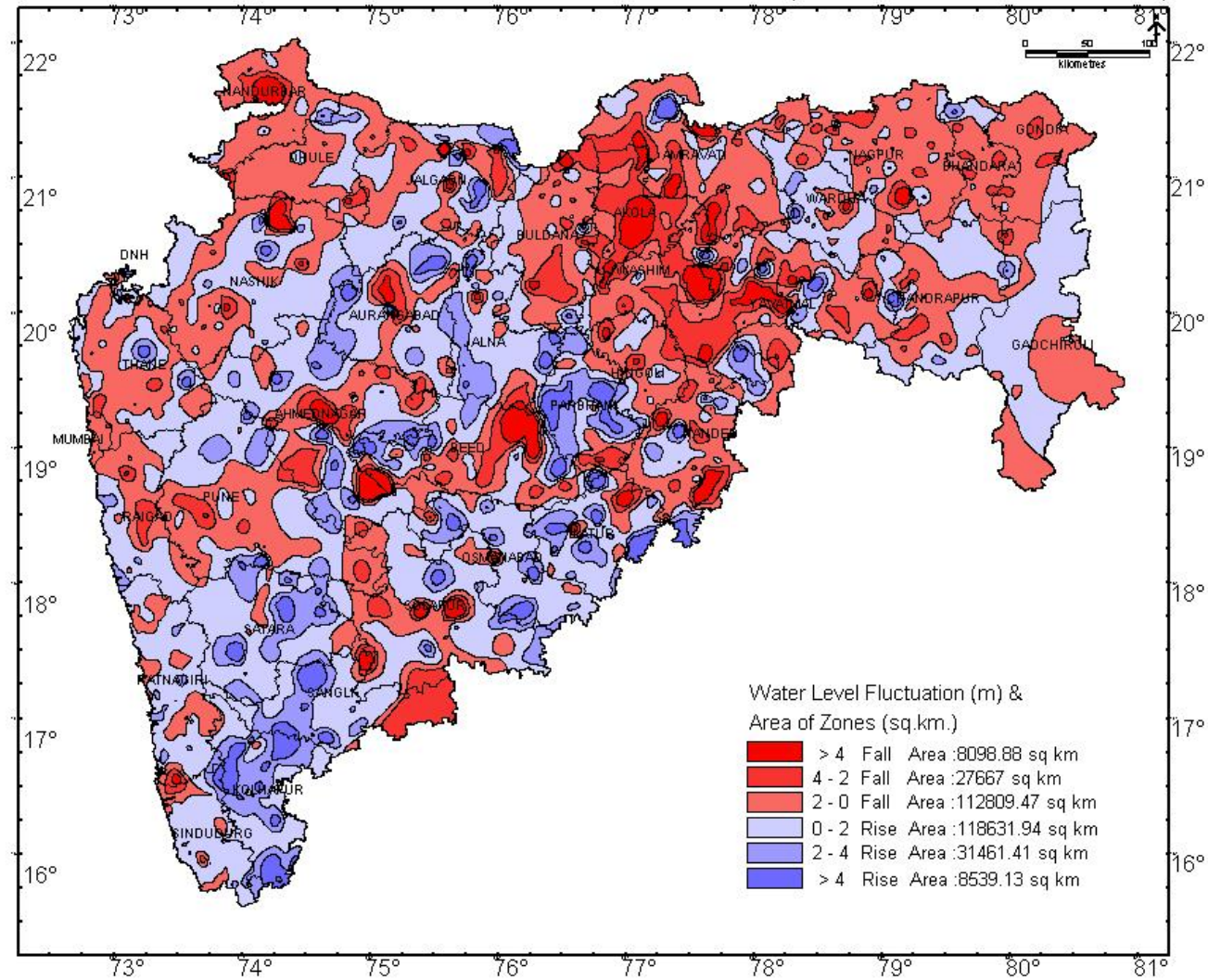


PLATE XV

WATER LEVEL FLUCTUATION MAHARASHTRA AND DADRA & NAGAR HAVELI, AUGUST 2018 WRT DECADAL MEAN (AUG. 2008- AUG.2017)

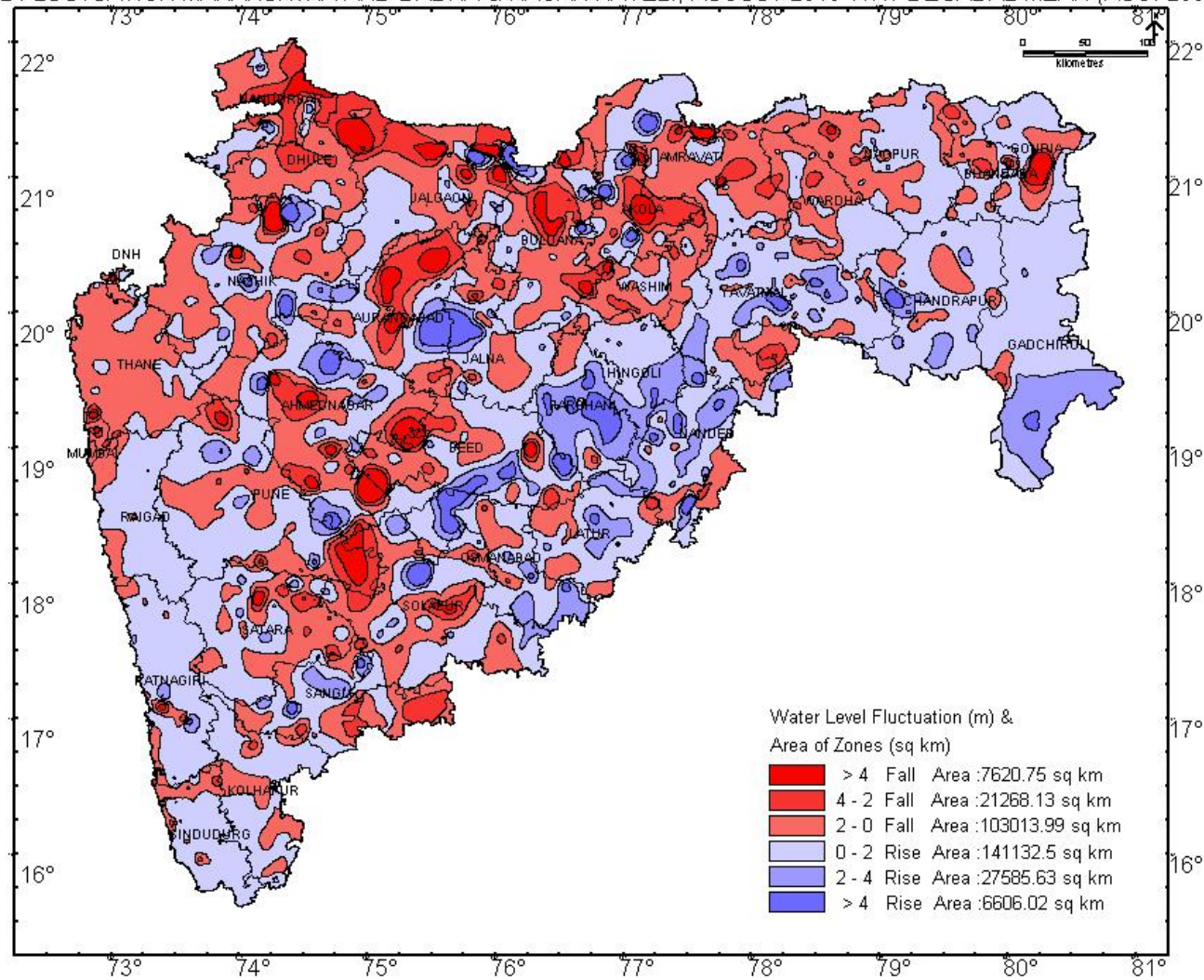


PLATE XVI

WATER LEVEL FLUCTUATION, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (NOV.2018 WRT DECADAL MEAN (NOV.2008- NOV.17))

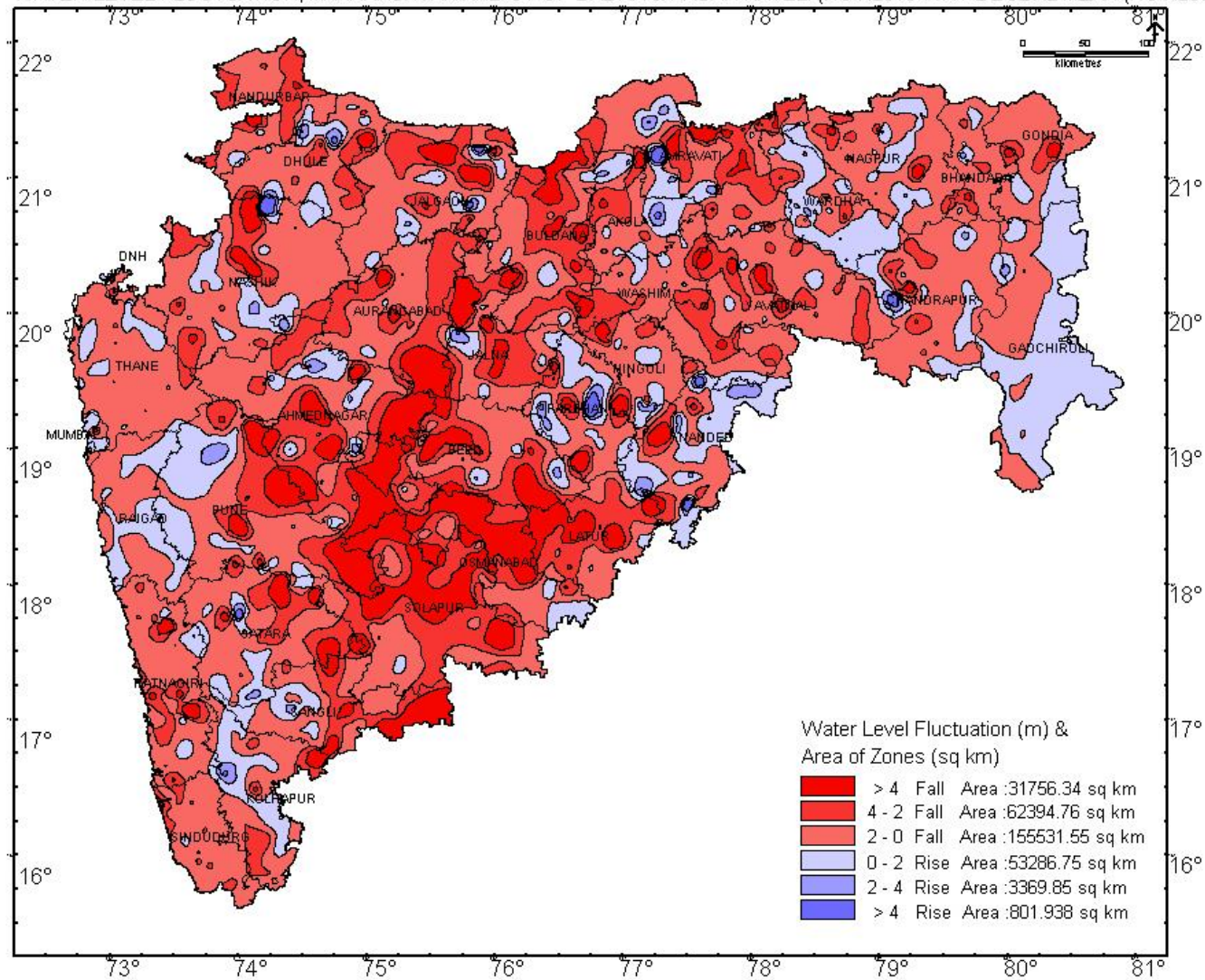


PLATE XVII

WATER LEVEL FLUCTUATION, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (JAN 2019 WRT DECADEAL MEAN (JAN 2009–JAN 2018))

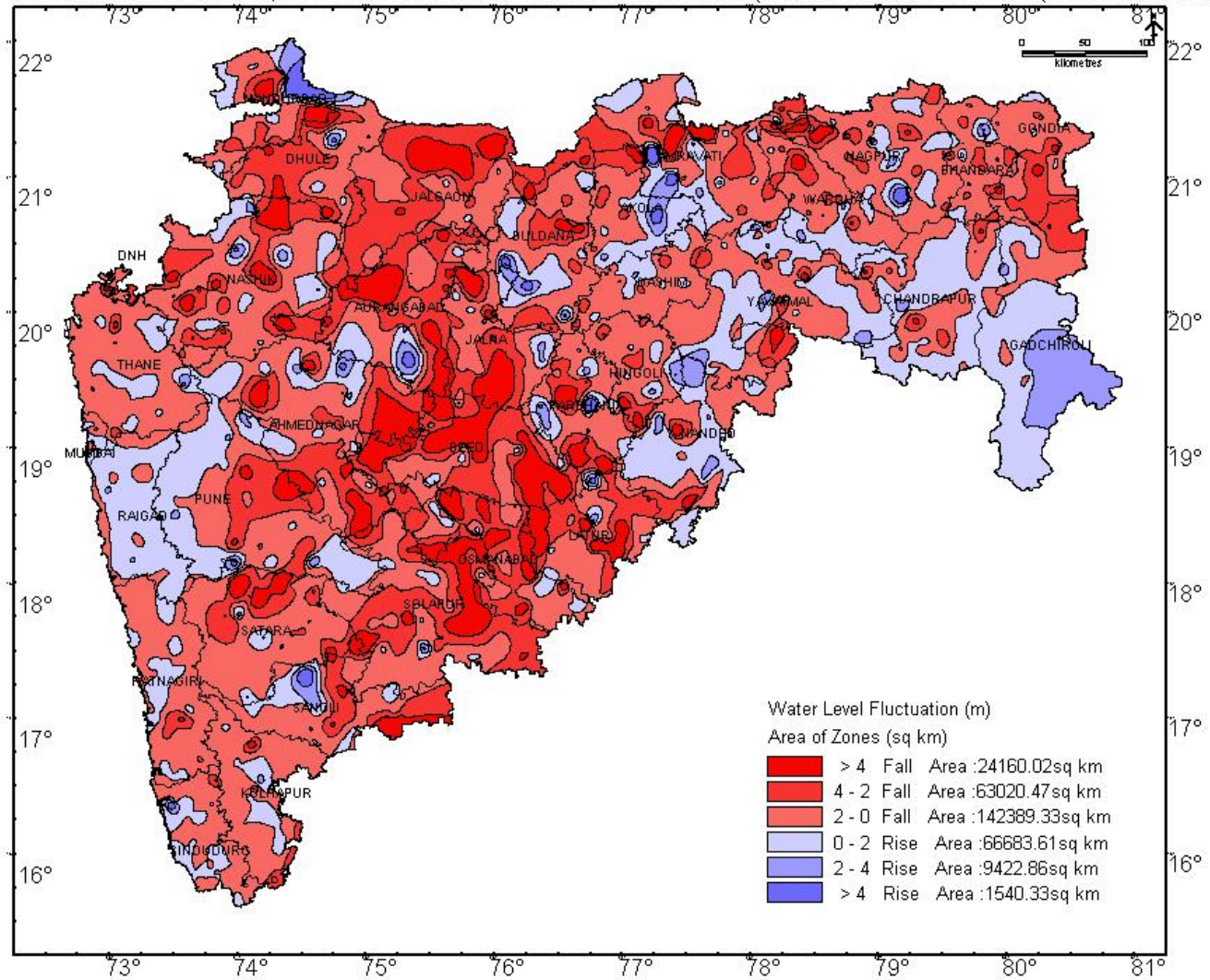


PLATE XVIII

WATER LEVEL FLUCTUATION, MAHARASHTRA AND DADRA & NAGAR HAVELI (MAY 2018 WRT MAY 2017)

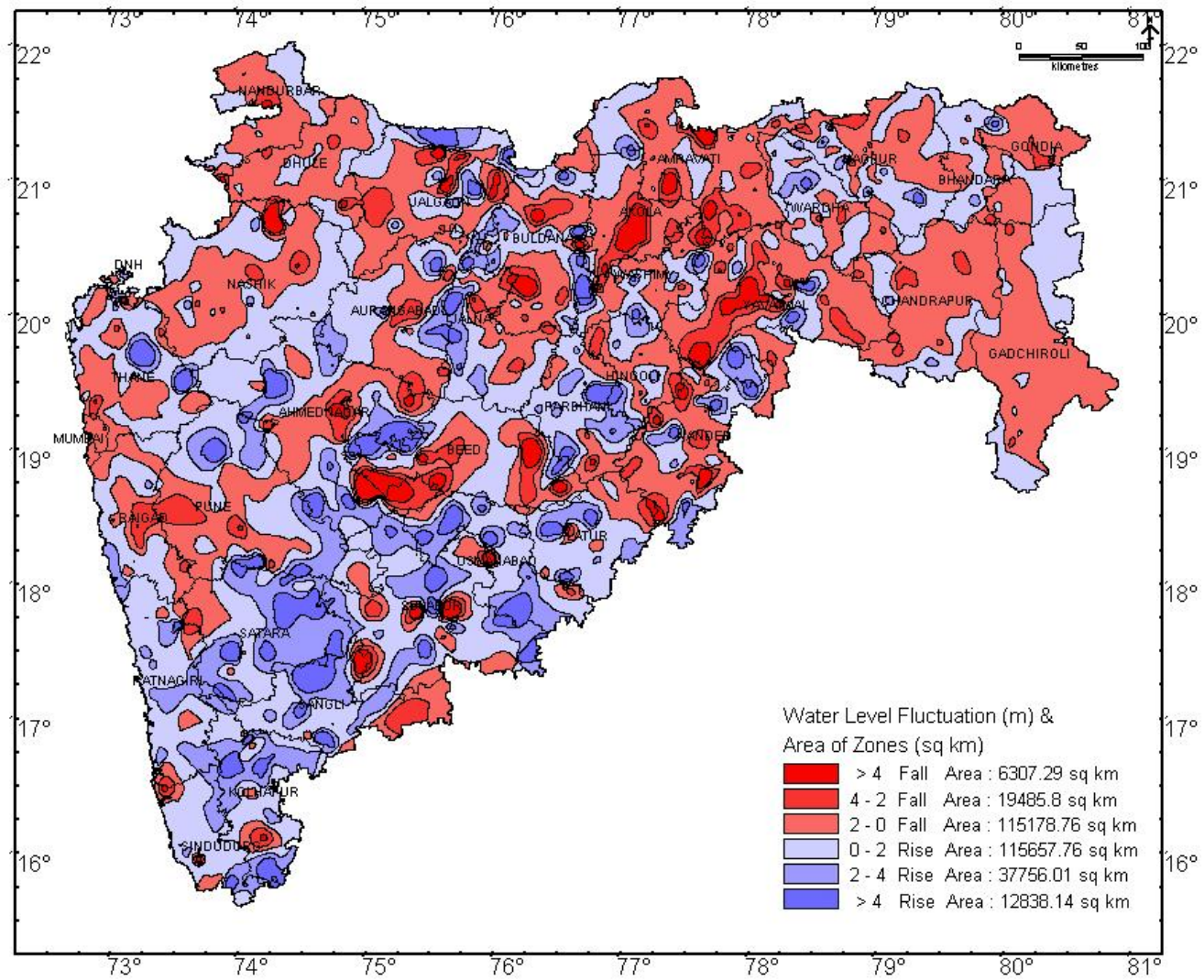


PLATE XIX

WATER LEVEL FLUCTUATION, MAHARASHTRA AND DADRA & NAGAR HAVELI AUGUST 2018 WRT AUGUST 2017

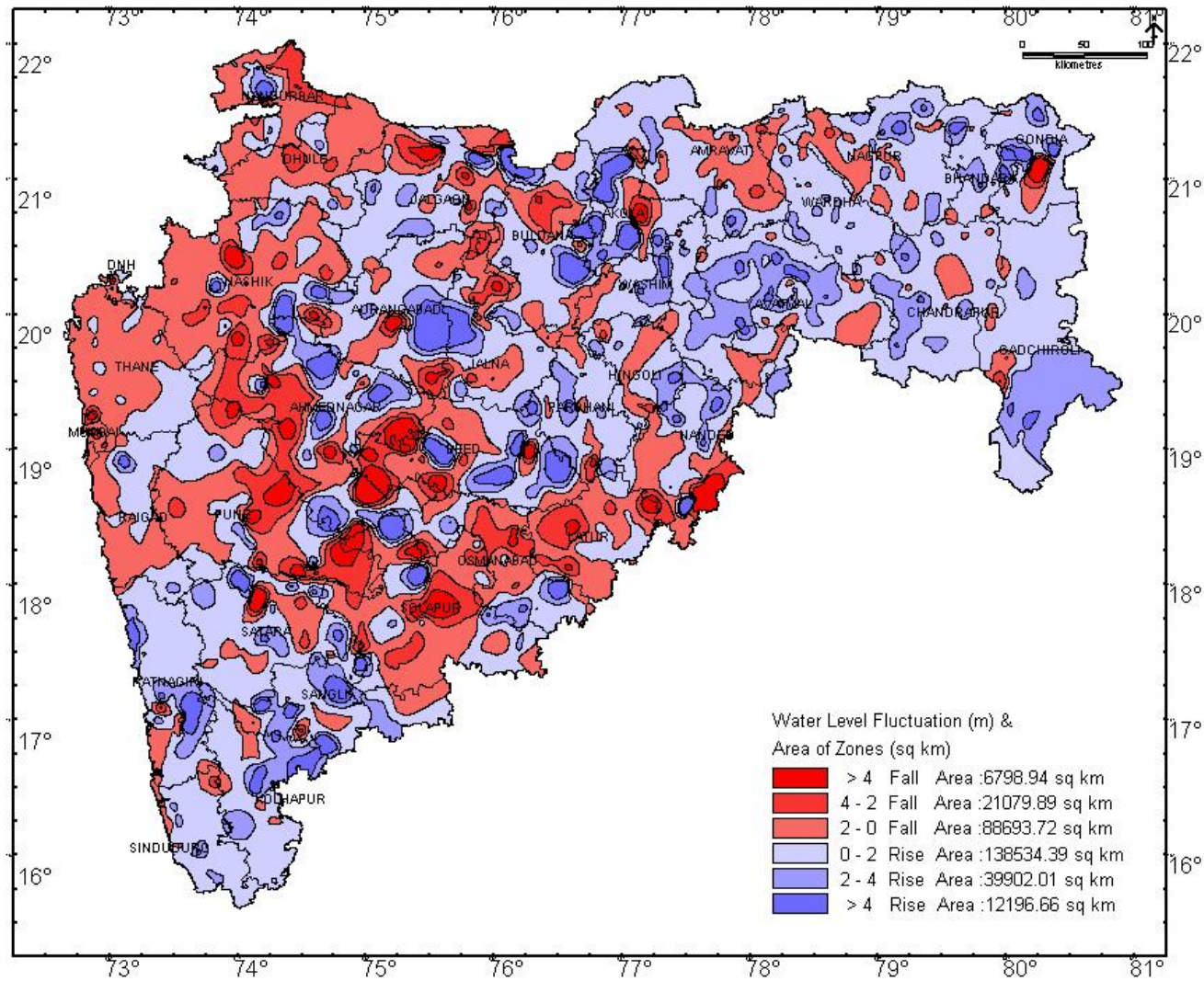


PLATE XX

WATER LEVEL FLUCTUATION, MAHARASHTRA AND UT OF DADRA & NAGAR HAVELI (NOV. 2018 WRT NOV. 2017)

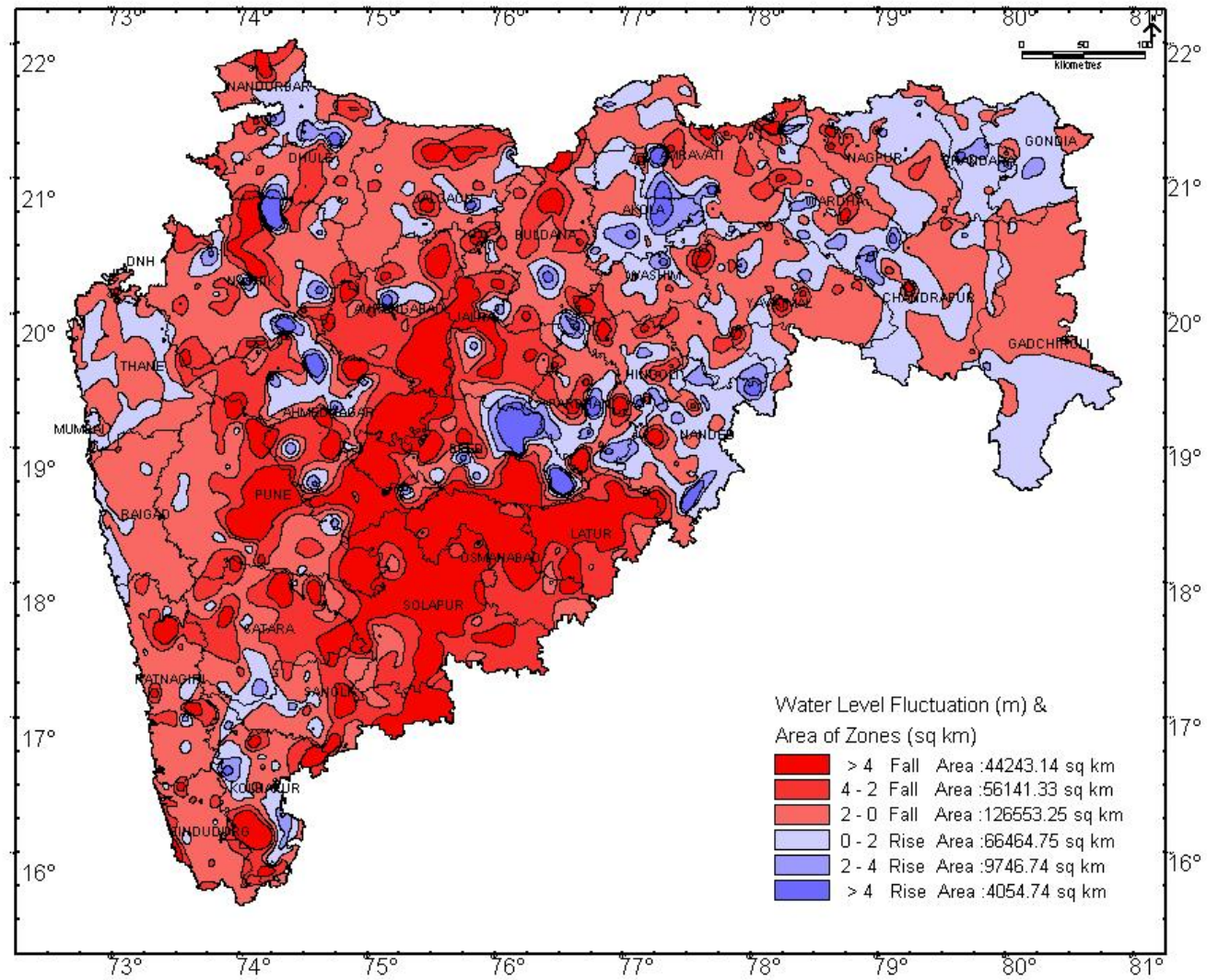


PLATE XXI

WATER LEVEL FLUCTUATION, MAHARASHTRA AND DADRA & NAGAR HAVELI (JAN. 2019 WRT JAN. 2018)

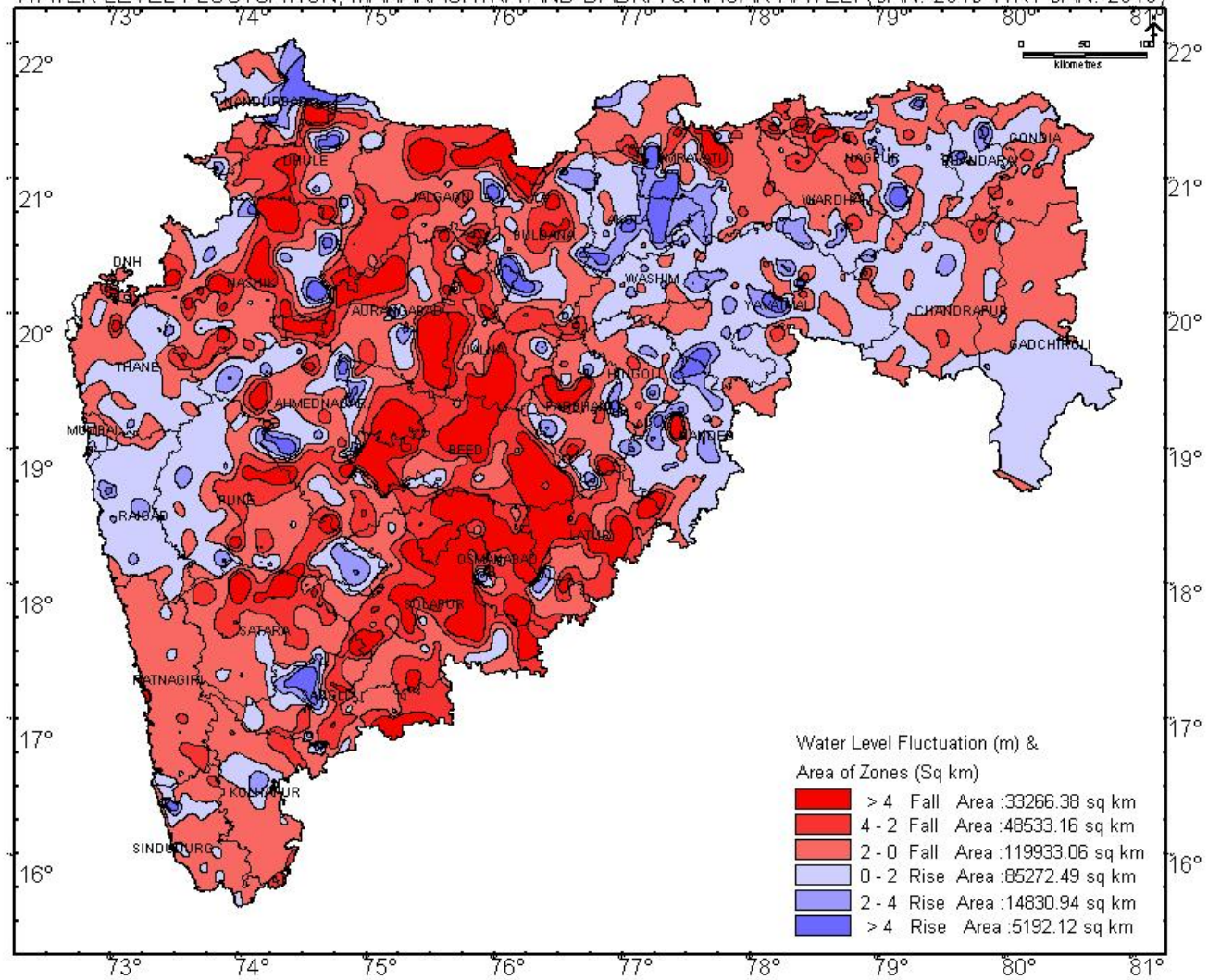


PLATE XXII

PREMONSOON DEPTH TO WATER LEVEL TREND (2009-18) IN MAHARASHTRA AND UT OF DADRA AND NAGAR HAVELI

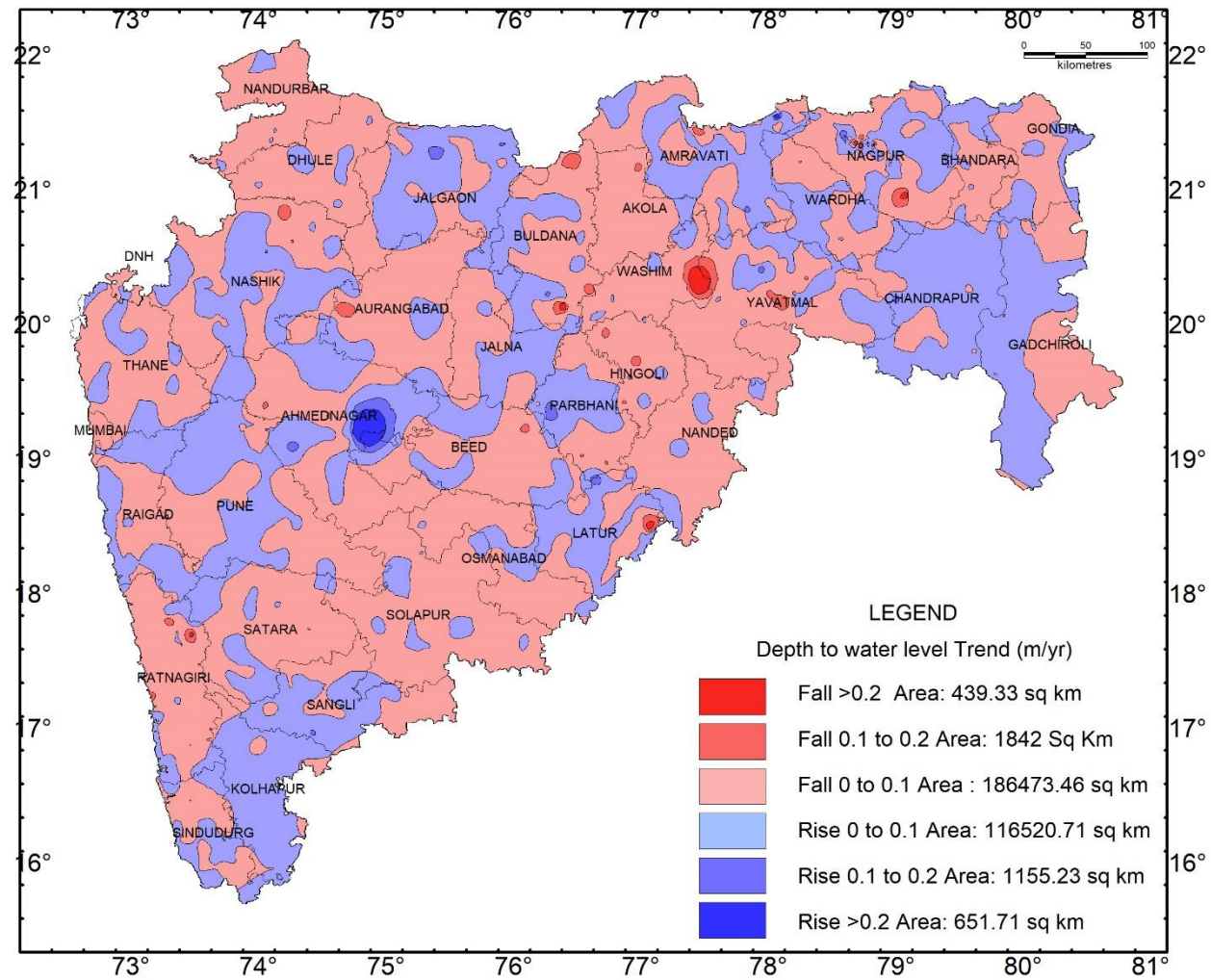


PLATE XXIII

POSTMONSOON DEPTH TO WATER LEVEL TREND (2009-18) IN MAHARASHTRA AND UT OF DADRA AND NAGAR HAVELI

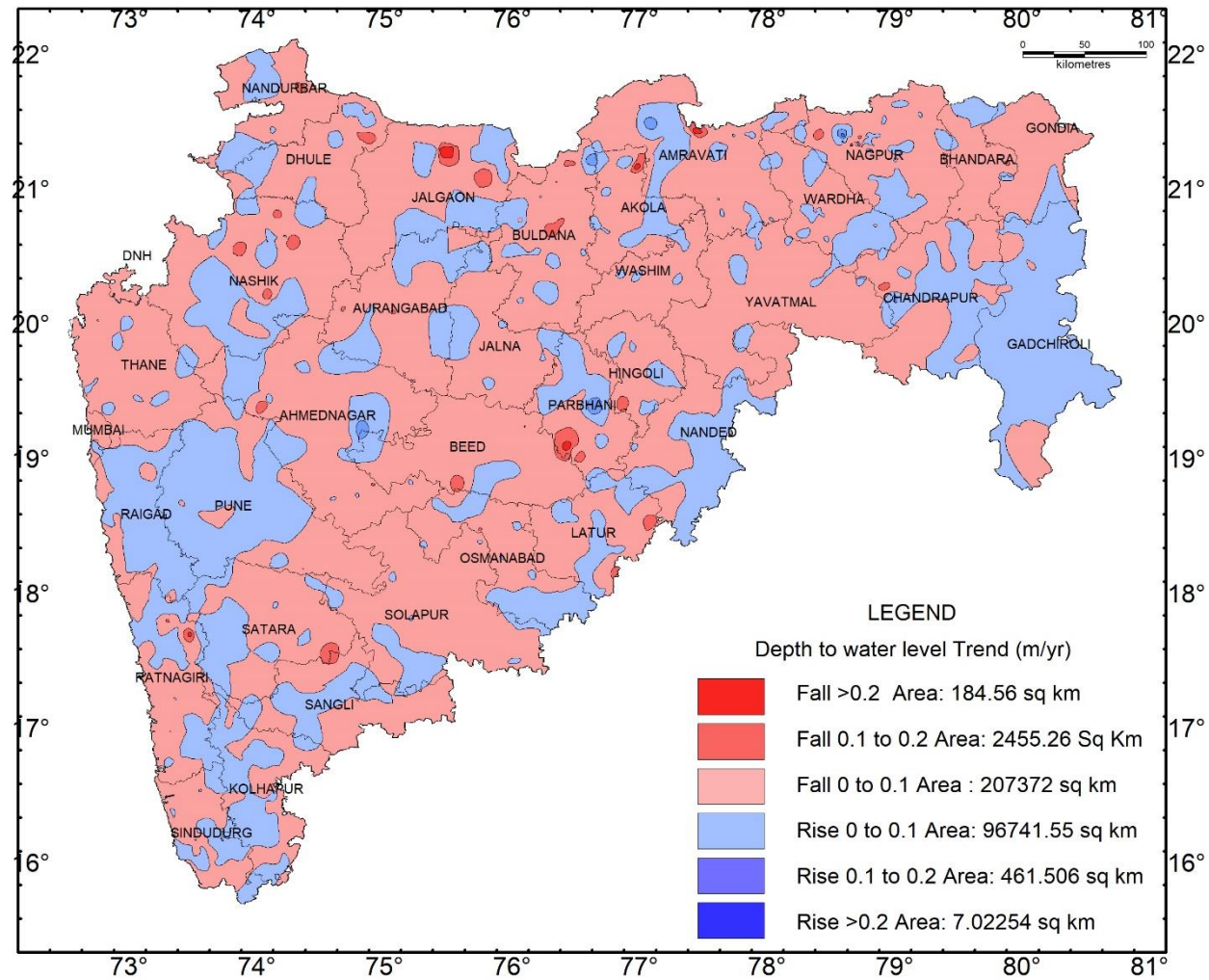


PLATE XXIV

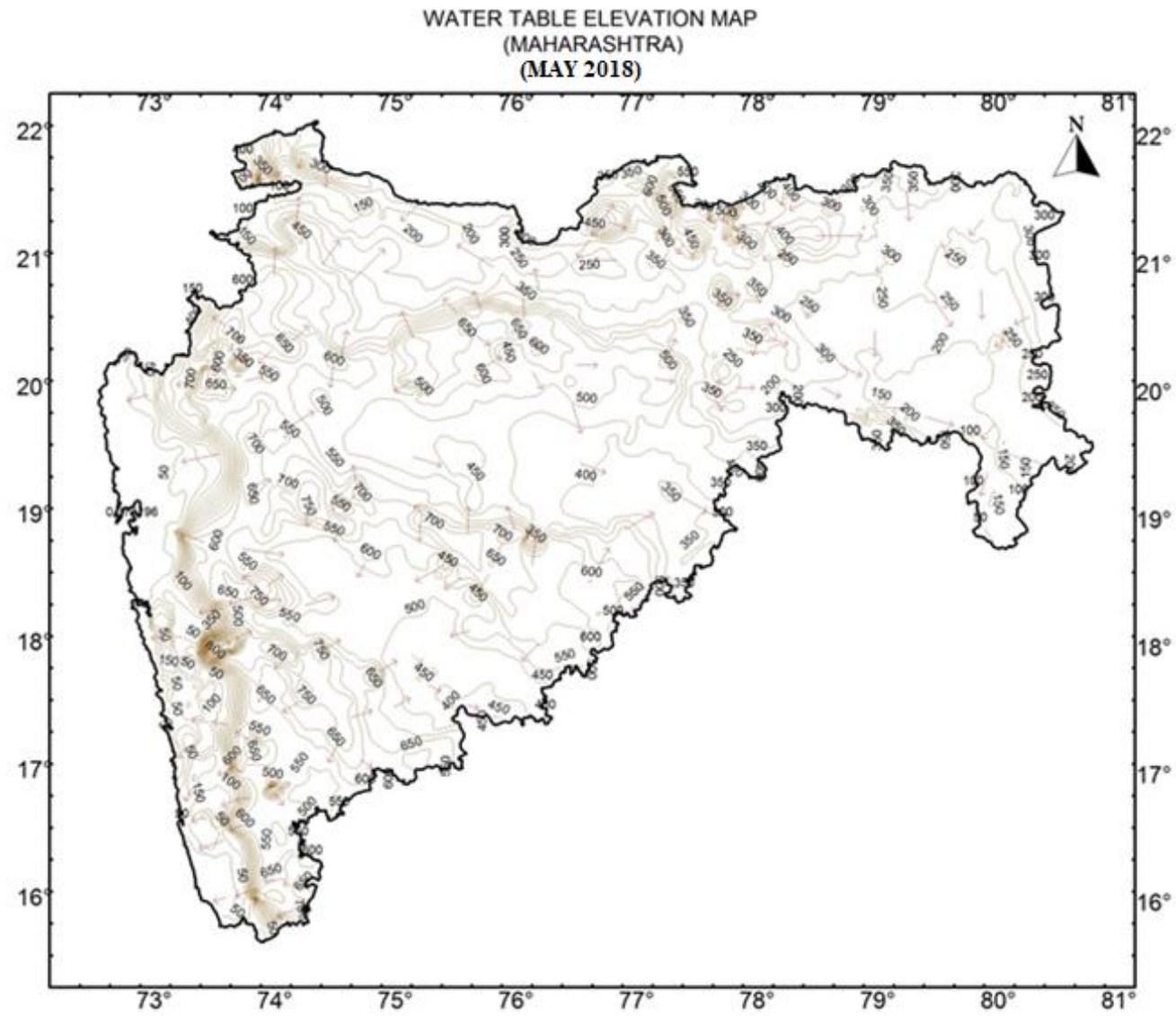


PLATE XXV

DISTRIBUTION OF ELECTRICAL CONDUCTIVITY IN MAHARASHTRA AND DADRA & NAGAR HAVELI, MAY 2018

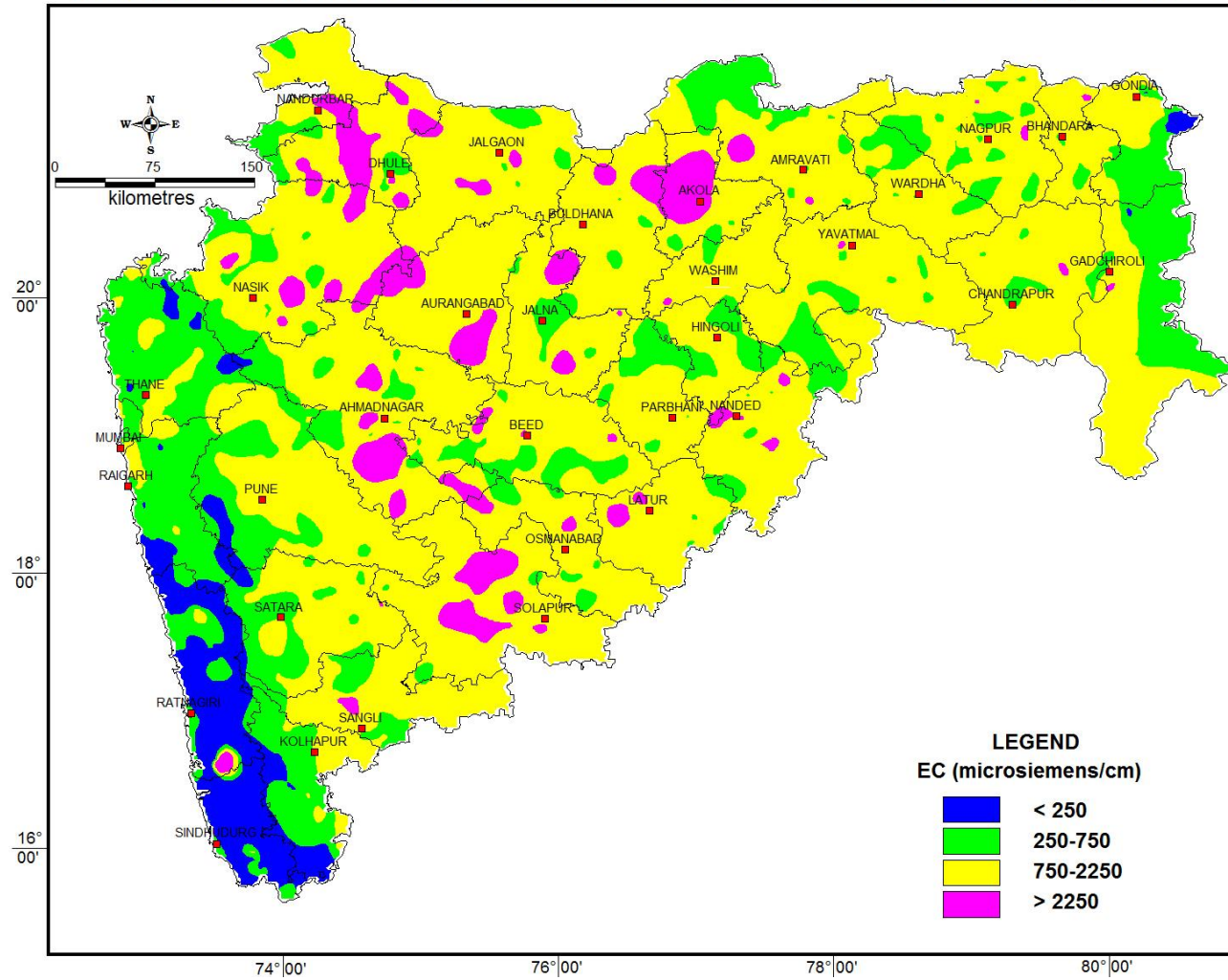


PLATE XXVI

DISTRIBUTION OF TOTAL DISSOLVED SOLIDS (TDS) IN MAHARASHTRA AND DADRA & NAGAR HAVELI, MAY 2018

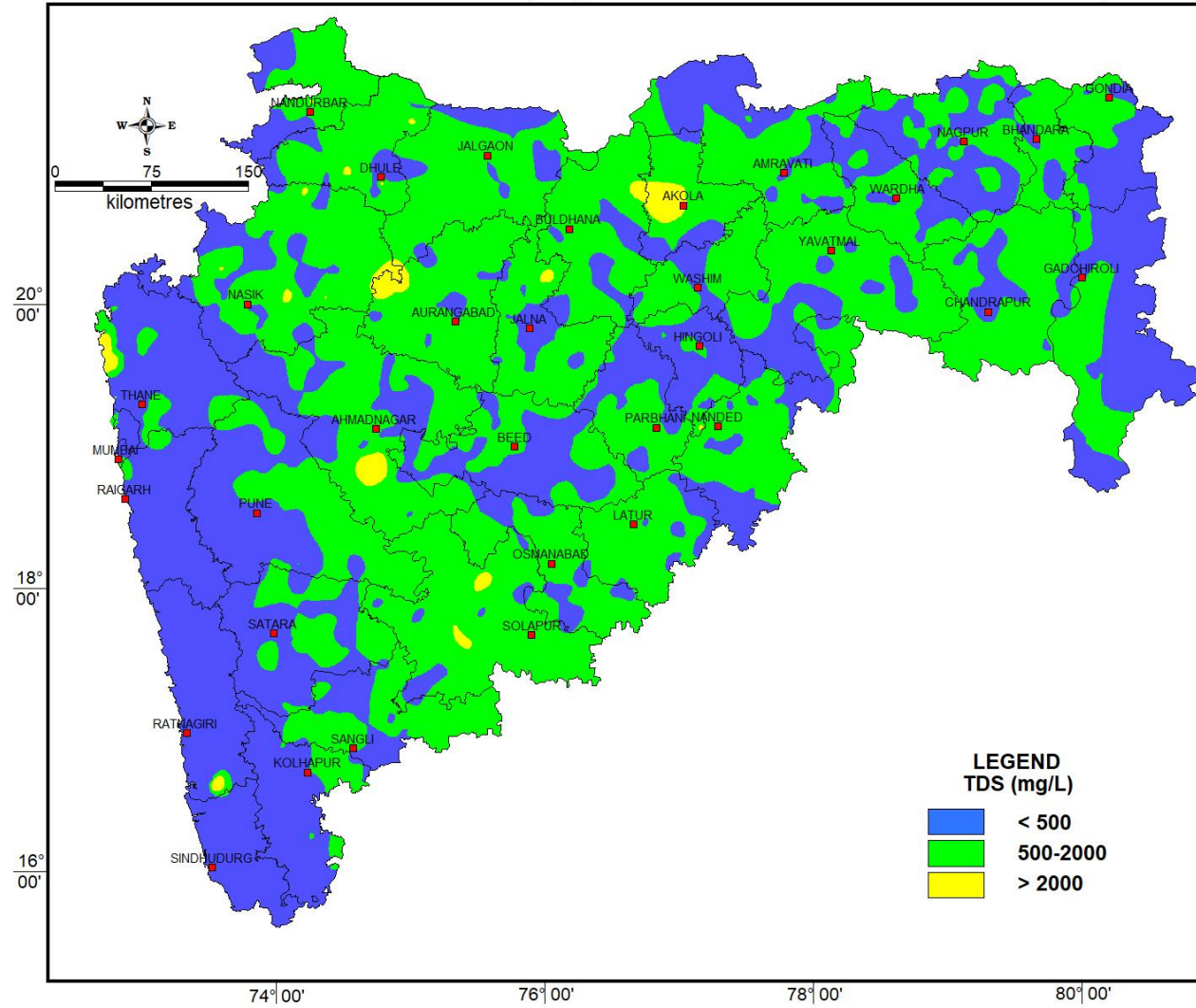


PLATE XXVII

DISTRIBUTION OF TOTAL HARDNESS IN MAHARASHTRA AND DADRA & NAGAR HAVELI, MAY 2018

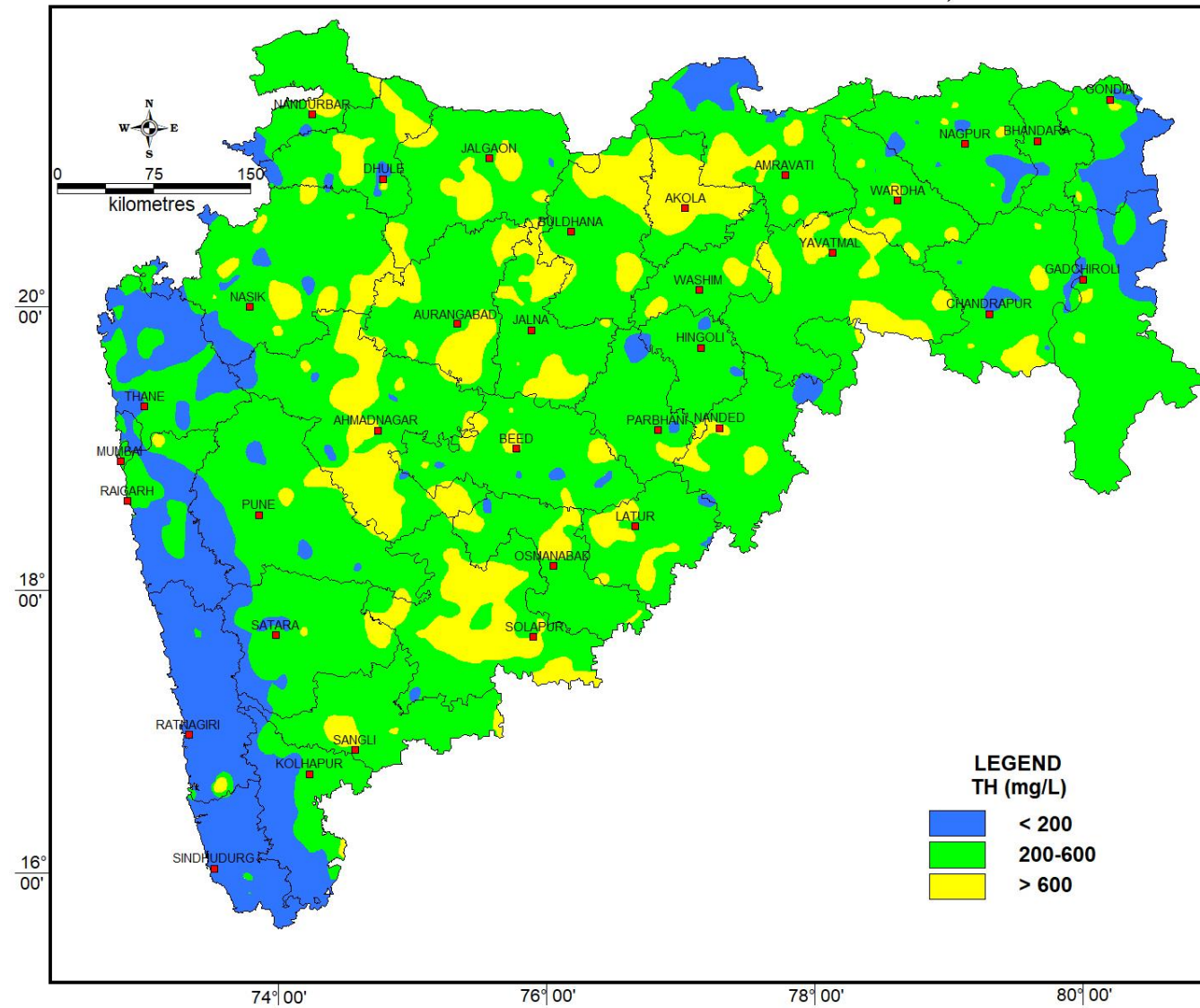


PLATE XXVIII

DISTRIBUTION OF CHLORIDE IN MAHARASHTRA AND DADRA & NAGAR HAVELI, MAY 2018

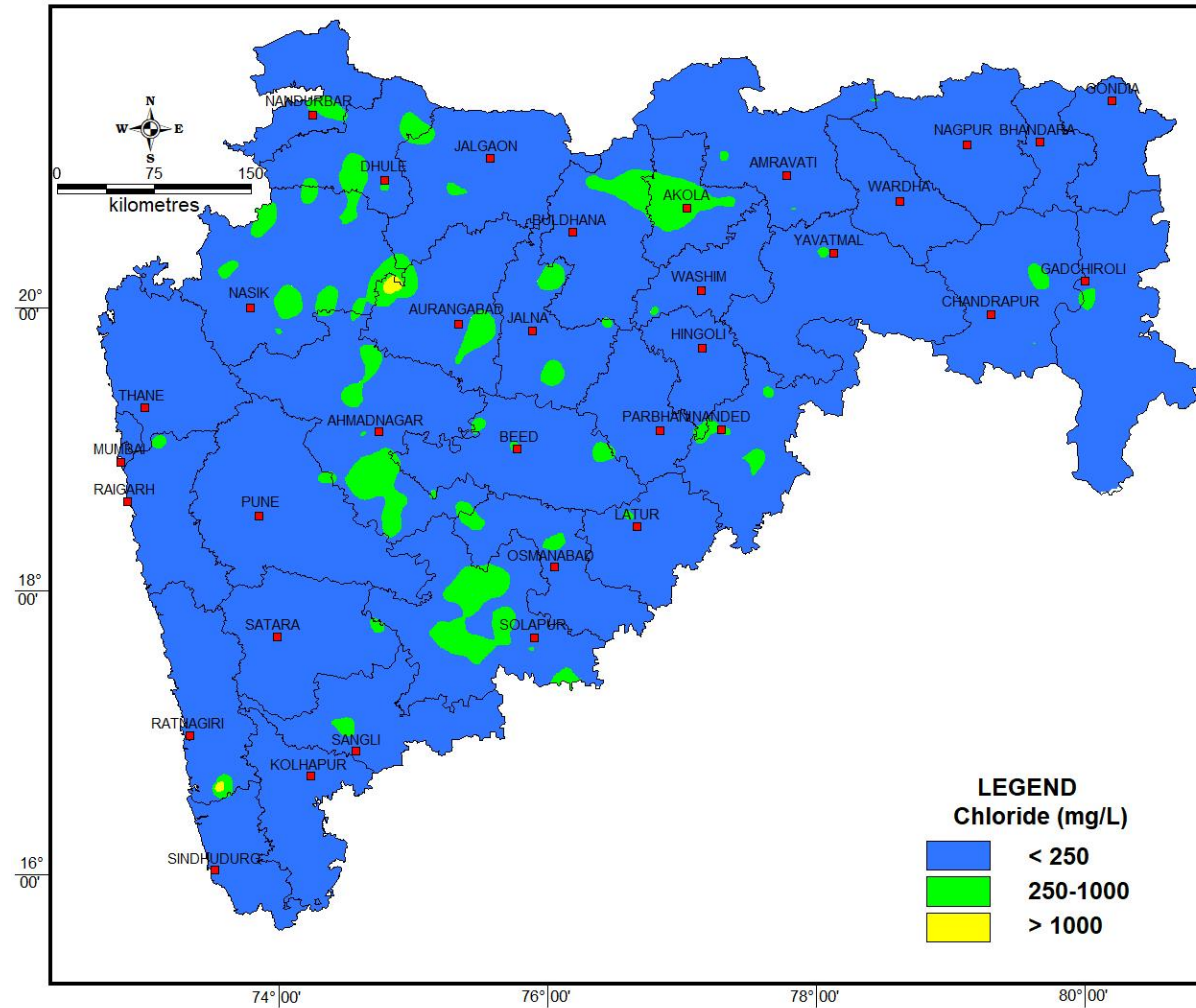


PLATE XXIX

DISTRIBUTION OF NITRATE IN MAHARASHTRA NAD DADRA & NAGAR HAVELI, MAY 2018

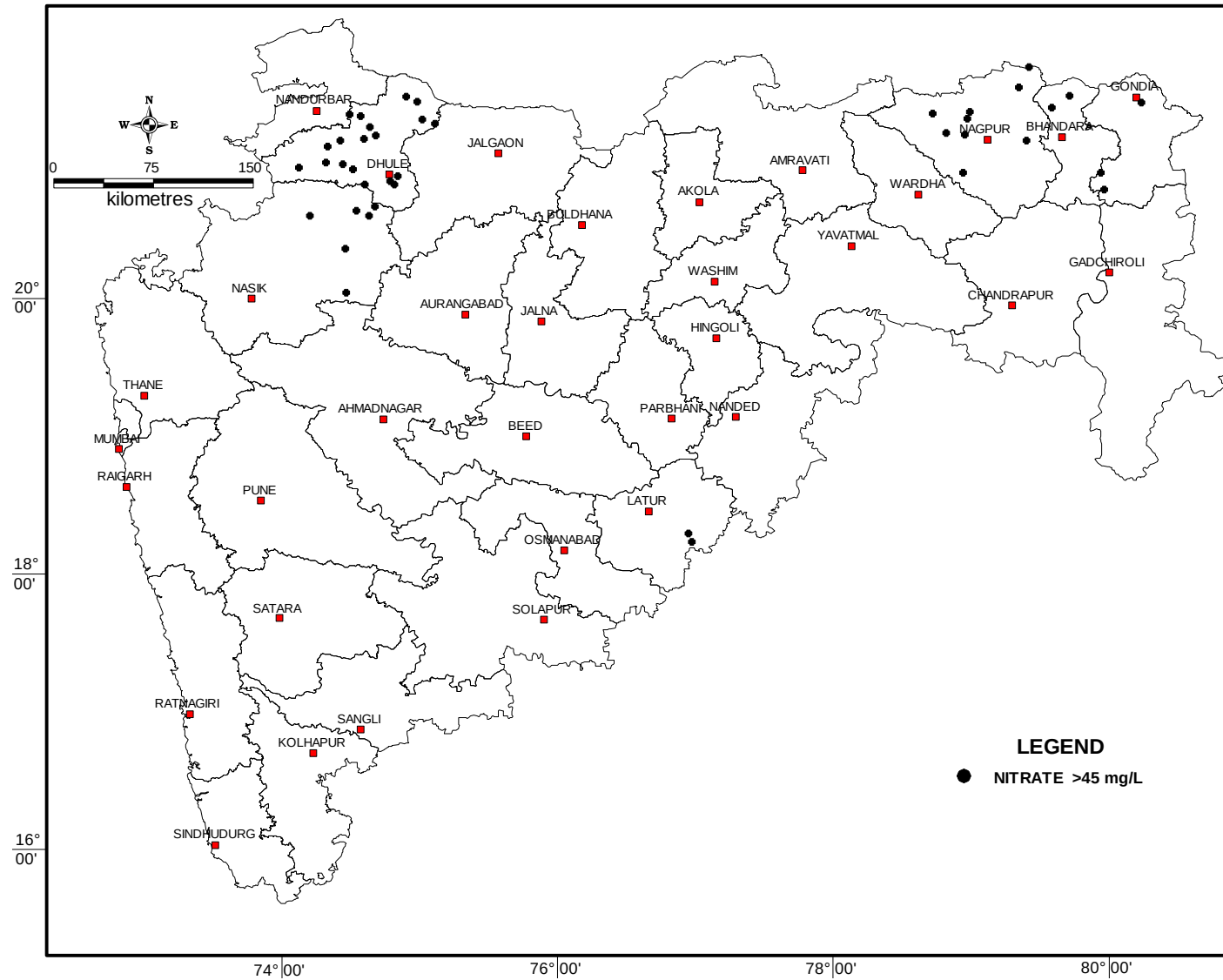


PLATE XXX

DISTRIBUTION OF FLUORIDE IN MAHARASHTRA NAD DADRA & NAGAR HAVELI, MAY 2018

