



Prepared by
Groundwater Surveys and Development Agency, Pune
Water Supply and Sanitation Department,
Government of Maharashtra
&
Central Ground Water Board
Central Region, Nagpur
Department of Water Resources, River Development & Ganga Rejuvenation
Ministry of Jal Shakti,
Government of India
March 2025



REPORT ON DYNAMIC GROUND WATER RESOURCES OF MAHARASHTRA 2024

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Preface

The Central Ground Water Board, Ministry of Jal Shakti, Govt of India in coordination with Groundwater Surveys and Development Agency (GSDA), Government of Maharashtra has taken up the re-assessment of “**Dynamic Groundwater Resources of Maharashtra, 2024**” based on the latest techniques and data. The National Water Policy of India, regards groundwater as one of the most crucial elements in development planning. Therefore, an accurate assessment of this vital resources is to be done at periodic interval. The earlier assessments were carried out for the year 2002, 2009, 2011, 2013, 2017, 2020, 2022 and 2023.

Presently ~53 % of states population is dependent on farm activity for their livelihood and agriculture contributes 18 % to its GDP (2021-22). Demand on groundwater resources is further increasing due to pace of industrial development which, often leading to unsustainable withdrawal of groundwater resources. The state having a population of ~11.24 crore is spread over in an area of ~3.08 lakh Km², and receives a normal annual rainfall ranging from 500-600 mm. The state is mainly underlain by hard rock aquifers (~93%). The Govt, has adopted many proactive measures in water sector, as a result of it, stage of groundwater extraction reduced by 1.87 % in the last 4 years and presently ~84% blocks are under safe category.

I appreciate the efforts made by Scientists from CGWB, Sh. Modi Durgaprasad, Mrs. Parveen Kaur, Dr. J. Davithuraj and Mrs. Priti D. Raut and team of Officers from GSDA, Dr. Vijay V. Pakhmode, Joint Director, Dr. Pramod P. Reddy, Dy. Director, Mrs. Suvarna Shitole, Jr. Geologist and Shri Pradip Kadam, SA, under the guidance of Smt. Pavneet Kaur, I.A.S., Commissioner, GSDA, Pune in bringing out this report. I also put on record the sincere efforts made by all Sr. Geologist of GSDA from district unit office and their team of officers and technical staff in collecting, entry and validating the field data.

I sincerely thank the committee members of SLC under the Chairmanship of Principal Secretary, WS & SD, Govt of Maharashtra for giving their valuable comments in finalizing the report. The constant guidance and support provided by Shri Sanjay Khandare, I.A.S., the Principal Secretary (WS & SD), Govt of Maharashtra, is duly acknowledged.

I, sincerely hope that the present report will serve as useful tool to the administrators, planners and government authorities in decision making and planning of groundwater schemes and regulation at field level.

Nagpur

Date: /03/2025



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SALIENT FEATURES OF MAHARASHTRA

A	Location	
	Latitude	15°40' to 24°2'00' E
	Longitude	72°30' to 80°49'30' N
	Area	3,07,713 sq. km
B	Physiography	1. The Sahyadri Range (Western Ghats) 2. The Western Coastal Tract (Konkan) 3. The Eastern Plateau (Deccan Plateau)
C	Population (census 2011)	112,374,333 (112.37 million) (Male-58.3 million and Female-54.0 million)
	Urban Population	50.81 million (45.23%)
	Rural Population	61.56 million (54.77%)
C	Rainfall Zone	
	High Rainfall	2000 to 3500 mm
	DPAP Area	400 to 700 mm
	Assured Rainfall	800 to 1250 mm
D	Land Use (2019-2020)	
	Area under Forest	61936 sq. km
	Gross Cropped area	232.12 sq.km. as per SER
	Net area Sown	168.15 sq.km
	Soils	Lateritic Soil, Shallow Black cotton soil, Deep Black cotton soil
	Plains and Central Highlands	Brown to black calcareous loams and clay
E	Western Ghats and Peninsular Plateau	Shallow brown to dark brown gravel, loams on high slopes, red to reddish brown laterites and lateritic soils on high level
	Coastal Plains	Laterites and lateritic soils red to reddish brown loam of non-lateritic origin
	Geology	
	Quaternary Alluvium	14498 sq. km (5.71%)
F	Deccan Trap lava flows	250026 sq. km (81.25%)
	Gondwana Rock Formation	4808 sq. km (1.56%)
	Proterozoic's	6190 sq. km (2.01%)
	Precambrian Basement Complex	32191 sq. km (10.46%)
	Cropping Pattern	
	Konkan	Paddy, horticulture and vegetables
G	Western Maharashtra	Jowar, wheat, sugarcane, groundnut, onion, horticulture, sunflower, etc.
	Central Maharashtra	Jowar, wheat, cotton, sugarcane, grams, vegetables, sunflower, safola
	Vidarbha	Paddy, Jowar, Wheat, Cotton, Orange, Grams, Chilli
	Khandesh	Jowar, maize, grams, banana, wheat and chilli

	<i>River Basins</i>	5 basin & 15 sub basins
	<i>Godavari</i>	1,52,811 (49.8%)
<i>H</i>	<i>Krishna</i>	69,032 (22.6%)
	<i>Tapi</i>	51,304 (16.8%)
	<i>Coastal (westerly flowing)</i>	33,228 (10.80%)
	<i>Narmada</i>	1,417 (0.006%)
	<i>watersheds</i>	1538

*The district administrative boundary and basin boundaries considered for ground water resource assessment is shown in **Plate I and Plate II** respectively.

DYNAMIC GROUND WATER RESOURCES OF MAHARASHTRA, 2024

AT A GLANCE

1.	Total Annual Ground Water Recharge	33.03 BCM
2.	Annual Extractable Ground Water Resources	31.15 BCM
3.	Annual Ground Water Extraction	16.50 BCM
4.	Stage of Ground Water Extraction	52.99 %

CATEGORIZATION OF ASSESSMENT UNITS

(Blocks/ Mandals/ Taluks)

Sl. No	Category	Assessment Units (Taluk)		Recharge worthy Area		Annual Extractable Ground Water Resource	
		No.	%	in sq. km	%	(in mcm)	%
1	Safe	302	84.12	204777.39	78.65	25212.56	80.95
2	Semi Critical	41	11.42	40751.55	15.65	4317.33	13.86
3	Critical	7	1.95	7709.54	2.96	902.27	2.9
4	Over-Exploited	8	2.23	6333.63	2.43	715.28	2.3
5	Saline	1	0.28	776.89	0.3	45.04	-
	TOTAL	359	100	260349.01	100	31147.44	100

EXECUTIVE SUMMARY

Ground Water Resource Assessment is carried out at periodical intervals jointly by the Ground Water Survey and Development Agency (GSDA) in collaboration with the Central Ground Water Board (CGWB), Central Region, Nagpur, based on the revised Methodology known as Groundwater Estimation Committee 2015 (GEC-2015) Methodology under the supervision of State Level Committee (SLC) and under overall guidance of Central Level Expert Group (CLEG).

Such joint exercises have been taken up earlier in 1980, 1995, 2004, 2009, 2011, 2013, 2017, 2020 and 2022. From 2022, the exercise is being carried out annually. The assessment involves computation of Dynamic Ground Water Resources or Annual Extractable Ground Water Resource, Total Annual Ground Water Extraction (utilization) and Stage of Ground Water Extraction. The assessment units (Talukas/blocks/mandals) are categorized based on Stage of Ground Water Extraction, which are then validated with long-term water level trends. The assessment prior to that of year 2017 were carried out following Ground Water Estimation Committee (GEC) 97 Methodology, whereas from 2017 onwards assessment is based on norms and guidelines of the GEC 2015 Methodology. The main source of replenishable ground water resources is recharge from rainfall, which contributes to nearly 65 % of the total annual ground water recharge. The State receives rainfall mainly during the south-west monsoon season (June to September). Normal rainfall varies from as low as 500mm in Akola district to as high as 3700 mm in parts of Mumbai.

Type of rock formations and their storage and transmissive characteristics have a significant influence on ground water recharge. The State is underlain by diverse rock types of different geological ages from Pre-Cambrian to Recent. Large part of the State is underlain by Basaltic hard rock where dug wells are predominant. They mostly tap the weathered zone and fractures/joints. The central part of Maharashtra which is a drought prone area, receives very less rainfall i.e., from 400 to 700 mm, but the geology is favorable for the ground water recharge. Hence, in this area the dependency on groundwater is high. Ground water resources have been assessed for 1538 watersheds (1534 + 4 Taluks of Mumbai) in the State and subsequently apportioned to taluka level. For the current year, assessment of Ground water resources for 6 Urban areas has also been carried which includes Nagpur City (District Nagpur), Pune City (District Pune), Mumbai (District Mumbai), Andheri, Kurla and Borivali (District Mumbai Suburban). Overall, the total number of assessment units assessed is 359 (Taluk) from 36 districts. The Annual Ground water resources for the State has been estimated as 33.03 bcm and Annual Extractable Ground Water Resources is 31.15 bcm. The Annual Ground Water Extraction is 16.50 bcm and Stage of Ground Water Extraction is 52.99%.

Out of 359 assessment units (taluk), 8 units (2.2%) have been categorized as 'Over-exploited', 7 units (1.95 %) as 'Critical', 41 units (11.4 %) as 'Semi-critical' and remaining 302 assessment units (84.1 %) as 'Safe' and 1 unit (0.28 %) as 'Saline'. Similarly, out of 260349 sq. km recharge worthy area of the State, 6333.63 sq. km (2.43 %) area is under 'Over-Exploited', 7709.543 sq. km (2.96 %) under 'Critical', 40751.55 sq. km (15.65 %) under 'Semi-critical', 204777.39 sq. km (78.65 %) under 'Safe' and 776.89 sq. km (0.30 %) area under 'Saline' categories of assessment units. As compared to 2023 assessment, the annual Ground Water Recharge and annual extractable ground water resources in 2024 has increased marginally from 32.76 bcm to 33.03 bcm and 30.95 bcm to 31.15 and Annual Ground Water Extraction has decreased marginally from 16.66 bcm to 16.50 bcm in 2024. The Stage of Ground Water Extraction has also decreased marginally from 53.83% to 52.99% due to various supply side and demand side interventions taken by the government.

CHAPTER 1

INTRODUCTION

Water is a fundamental resource essential for life, and groundwater has become a crucial natural resource for meeting the freshwater needs of various sectors in India. However, the sustainable development and efficient management of this limited resource pose significant challenges. Groundwater is the backbone of India's agriculture and drinking water security, contributing nearly 62% to irrigation, 85% to rural water supply, and 50% to urban water supply. Although groundwater is replenished annually, its availability is uneven across different locations and times. The groundwater in the zone of water level fluctuation is primarily recharged annually, with rainfall being the main contributor.

The National Water Policy of 2012 emphasizes periodic, scientific assessments of groundwater resources, including evaluating trends in water availability due to factors such as climate change during water resource planning. To meet growing water demands, the policy advocates for direct rainfall use, desalination, and minimizing unnecessary evapotranspiration to augment usable water resources. Additionally, the policy prioritizes safe water for drinking and sanitation, followed by other domestic needs (including animals), food security, subsistence agriculture, and minimum ecosystem needs. Any remaining water should be allocated to promote conservation and efficient use. Therefore, sustainable groundwater utilization requires a realistic and scientifically sound quantitative assessment of its availability.

1.1 PREVIOUS ASSESSMENTS

The first systematic groundwater assessment methodology was developed in 1979 by the Ground Water Over-Exploitation Committee. In 1982, the Ground Water Estimation Committee (GEC) was formed, and its recommendations led to the GEC 1984 methodology for assessing dynamic groundwater resources. In 1995, a new committee reviewed and revised the methodology, resulting in GEC 1997. To address challenges in hard rock terrains, further revisions were made in 2001. Dynamic groundwater resources were assessed using GEC 1997 methodology for base years 2004, 2009, 2011, and 2013. Comprehensive revisions led to the GEC 2015 methodology, which has been used for assessments since 2017 (2017, 2020, 2022 & 2023). In the State of Maharashtra, groundwater is an important source to meet the water requirements of various sectors. Demands for groundwater resources are ever increasing and competition amongst users has intensified. Hence, the sustainable development of groundwater requires precise quantitative assessment based on scientific principles.

In the present assessment (as in 2024), the total annual groundwater recharge in the Maharashtra State has been assessed as 33.03 BCM. Keeping an allocation for natural discharge, the annual extractable ground water resource has been assessed as 31.15 BCM and the annual groundwater extraction is 16.50 BCM. The stage of groundwater extraction for the state as a whole works out to be 52.99 %. A comparison of Ground water resources assessment from 2004 to 2024 is given in **Table 1.1**. Out of the total 359 assessment units (Taluks) in the state, 08 units (2.23%) have been categorized as 'Over-exploited' where ground water extraction exceeds the annually replenishable ground water recharge. In 07 (1.95 %) assessment units the stage of groundwater extraction is between 90-100% and have been categorized as 'Critical'. There are 41 (11.42 %) "Semi-critical" units, where the stage of ground water extraction is between 70 % and 90 % and 302 (84.12 %) 'Safe' units, where the stage of Ground water extraction is less than 70 %. Apart from these, there is 01 (0.28%) assessment unit that has been categorized as 'Saline' as major part of the ground water in phreatic aquifers in this is brackish or saline. Categorization of assessment units (Taluk) from 2004 to 2024 is given in **Table 1.2**.

Since, the ground water resources assessment has been carried out on Watershed basis and apportioned to Taluk level, the categorization of assessment units Watershed-wise is also given in **Table 1.2 & 1.3**. Graphical representation is given in **Fig 1.1, 1.2 & 1.3. and Plate 4 & 5** respectively.

1.2 GROUND WATER ASSESSMENT AND MANAGEMENT INITIATIVES

The findings from groundwater resource assessments are used by planners and stakeholders for managing and optimizing groundwater use. The Government of India has planned and implemented several measures based on these assessments, CGWB has taken up National Aquifer Mapping & Management Programme (NAQUIM) for mapping of major aquifers, their characterization and formulation of Aquifer Management Plans, to ensure sustainability of the resources, prioritizing Over-exploited, Critical and Semi-critical assessment units. CGWB has also initiated NAQUIM 2.0 in identified priority areas to address groundwater management issues.

1. The Ministry of Jal Shakti has issued a Model Bill to States/UTs for groundwater regulation and initiated the NAQUIM Programme to map and manage major aquifers, focusing on over-exploited areas.
2. CGWB has taken up high resolution mapping aquifers through the state-of-the-art heli-borne geophysical surveys prioritizing the water stressed Over Exploited, Critical and Semi Critical areas. So far, nearly 1.0 lakh sq km area has been covered under this survey in arid parts of NW India. The results of the Heliborne Survey are being used for preparing village/ panchayat level aquifer maps and suitable management interventions.
3. Atal Bhujal Yojana (ATAL JAL) with focus on community participation and demand side interventions for sustainable ground water management in identified water stressed areas has been taken up by DoWR RD &GR. This scheme is expected to contribute significantly towards the water and food security of the participating States. The scheme was launched by the Hon'ble Prime Minister on 25.12.2019 and is being implemented from 01.04.2020 for a period of 5 years.
4. The scheme is being taken up in 8220 water stressed Gram Panchayats of 229 administrative blocks/ Talukas in 80 districts of seven states, viz. Haryana, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Uttar Pradesh spread over Northern, Central and Southern Parts of the Country. In the state of Maharashtra Atal Bhujal Yojana Scheme is implemented in 1442 villages from 43 blocks covering 13 districts having provision of 925.77 Cr.
5. Master Plan for Artificial Recharge to Groundwater- 2020 has been prepared by CGWB in consultation with States/UTs which is a macro level plan indicating various structures for the different terrain conditions of the country including estimated cost. The Master Plan envisages construction of about 1.42 crore Rainwater harvesting and artificial recharge structures in the Country to harness 185 Billion Cubic Meter (BCM) of monsoon rainfall.
6. Several State Governments are implementing watershed development programmes, in which, ground water conservation is an integral part. Water conservation measures are also taken up as a part of the MGNREGA.
7. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) Ground Water Component is implemented by the Ministry of Jal Shakti, Government of India, to create irrigation potential through groundwater in Safe assessment units where there is sufficient scope for further future ground water development.

Jal Shakti Abhiyan-I (JSA-I) launched in 2019 across 1592 blocks in 256 water-stressed districts, focused on water conservation, rainwater harvesting, and resource management through targeted

interventions. Expanded in 2021 as "Catch the Rain," it covered all districts nationwide, continuing through 2022 and 2023. The assessment results forms the foundation for planning, implementing management schemes, projects, and regulation of groundwater resources for various State Governments.

1.3 CONSTITUTION OF COMMITTEE FOR MAHARASHTRA

The assessment of Ground water resources for the State of Maharashtra have been estimated by the Ground Water Survey and Development Agency (GSDA) in collaboration with the Central Ground Water Board (CGWB), Nagpur based on the revised GEC-2015 Methodology. The present exercise on groundwater assessment as on March 2024 is also carried out in accordance with the protocol of GEC-2015 under the supervision of State Level Committee (SLC) and under overall guidance of Central Level Expert Group (CLEG). The SLC committee was constituted vide GR. No. Bhujal-1822/C.R. 29/WS-15 dated 27.01.2022. **Enclosure-I.** Government Resolution for constitution of Permanent State Level Committee for Estimation of Ground Water Resources based on GEC-2015 Methodology enclosed as **Enclosure-II.** As suggested in the protocol, the Groundwater Assessment Cell has been formed at State Level within the Directorate of Groundwater Surveys and Development Agency, Pune. The identification of data gaps and updating of database with respect to 2024 has been done in the GSDA. The entire data base has been reconciled jointly by GSDA and CGWB, Nagpur in a series of online/physical meetings.

1.4 BRIEF OUTLINE OF THE PROCEEDINGS OF THE COMMITTEE

The State Level Technical Committee was held under the Chairmanship of Shri Sanjay Khandare, IAS, Principal Secretary, Department of Water Supply and Sanitation, Govt. of Maharashtra, Mumbai on 04th October 2024. The meeting was held in hybrid mode for finalization of Ground Water Resource Estimation 2024 (GWRE-2024) for the State of Maharashtra jointly carried out by Ground Water Surveys & Development Agency (GSDA), Pune and Central Ground Water Board (CGWB), Nagpur. Dr. Pandith Madhnure, Head of Office & Member Secretary convened the meeting and the concerned Members of SLC participated during the meeting.

During the meeting, Dr. Pramod Reddy, Deputy Director (R& D) GSDA, Pune made a detailed presentation on ground water resource assessment of Maharashtra component-wise (recharge & discharge) as on 2024 and also compared it with the previous assessment 2023.

During the discussions, the Chairman of the committee and Principal Secretary appreciated the efforts of CGWB & GSDA in completing the assessment and finally approved the Dynamic Ground Water Resources - 2024 (GWRE-2024) for the state of Maharashtra. Minutes of the meeting enclosed as **Enclosure-III.**

Table 1.1: Comparison of Ground water Resources assessment of Maharashtra from 2004 to 2024

S.No.	Ground Water Resources Assessment	2004	2009	2011	2013	2017	2020	2022	2023	2024
1	Annual Ground Water Recharge (BCM)	32.96	35.73	33.95	33.19	31.64	32.28	32.28	32.89	33.03
2	Annual Extractable Ground Water Resource (BCM)	31.21	33.81	32.15	31.48	29.90	30.50	30.45	31.06	31.15
3	Annual Ground Water Extraction for Irrigation, Domestic & Industrial uses (BCM)	15.09	16.95	17.18	17.07	16.33	16.69	16.65	16.70	16.50
4	Stage of Ground Water Extraction (%)	48	50	53	54	54.62	54.71	54.68	53.74	52.99

Table 1.2: Categorization of assessment units of Maharashtra (Taluk-wise) from 2004 to 2024

		2004		2009		2011		2013		2017		2020		2022		2023		2024	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
S.no	Total Assessed units	318		353		353		353		353		353		353		353		359	
1.	Safe	287	90	324	92	324	92	324	92	271	77	271	77	272	77	277	78	302	84
2.	Semi-critical	23	7	19	5	19	5	19	5	61	17	63	18	62	18	57	16	41	11
3.	Critical	1	0	1	0	1	0	1	0	9	3	8	2	7	2	9	3	7	2
4.	Over-Exploited	7	2	9	3	9	3	9	3	11	3	10	3	11	3	9	3	8	2
5.	Saline	0	0	0	0	0	0	0	0	1	0.28	1	0.28	1	0	1	0	1	0

Table 1.3: Categorization of assessment units of Maharashtra (watershed-wise) from 2004 to 2024

		2004		2009		2011		2013		2017		2020		2022		2023		2024	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
S.No.	Total Assessed units	1505		1531		1531		1531		1535		1534		1534		1534		1538	
1	Safe	1242	83	1332	87	1347	88	1338	87	1127	73	1157	75.42	1163	75.81	1180	76.92	1239	80.55
2	Semi-critical	163	11	119	8	100	7	111	7	291	19	282	18.38	274	17.86	264	17.20	221	14.36
3	Critical	20	1	3	0	4	0	4	0	46	3	28	1.82	30	1.95	25	1.62	19	1.23
4	Over-Exploited	76	5	73	5	76	5	74	5	67	4	63	4.10	63	4.10	61	3.97	55	3.57
5	Saline	4	0	4	0	4	0	4	0	4	0	04	0.26	04	0.26	04	0.26	04	0.26

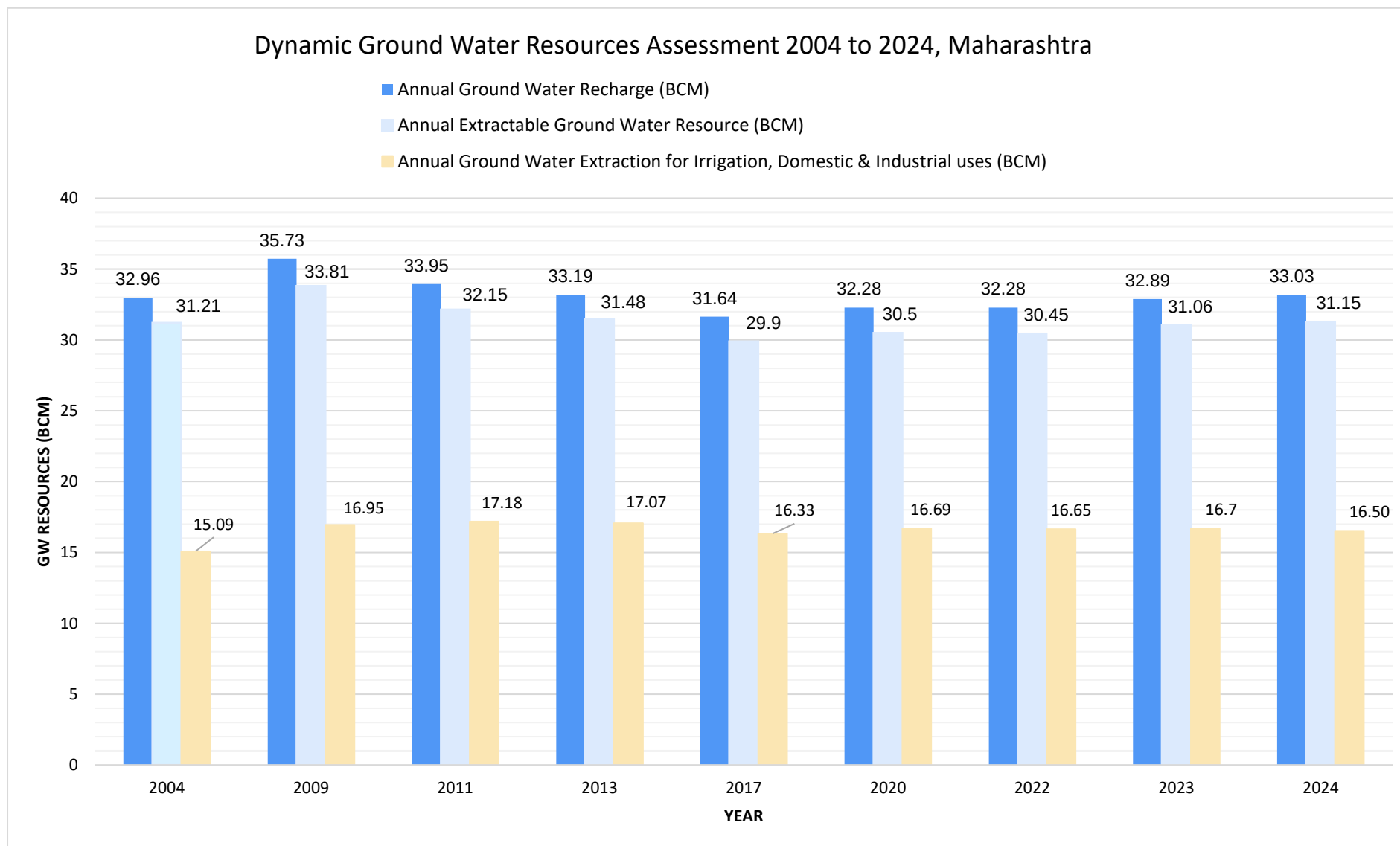


Fig 1.1 Dynamic Ground Water Resources Assessment 2004 to 2024, Maharashtra

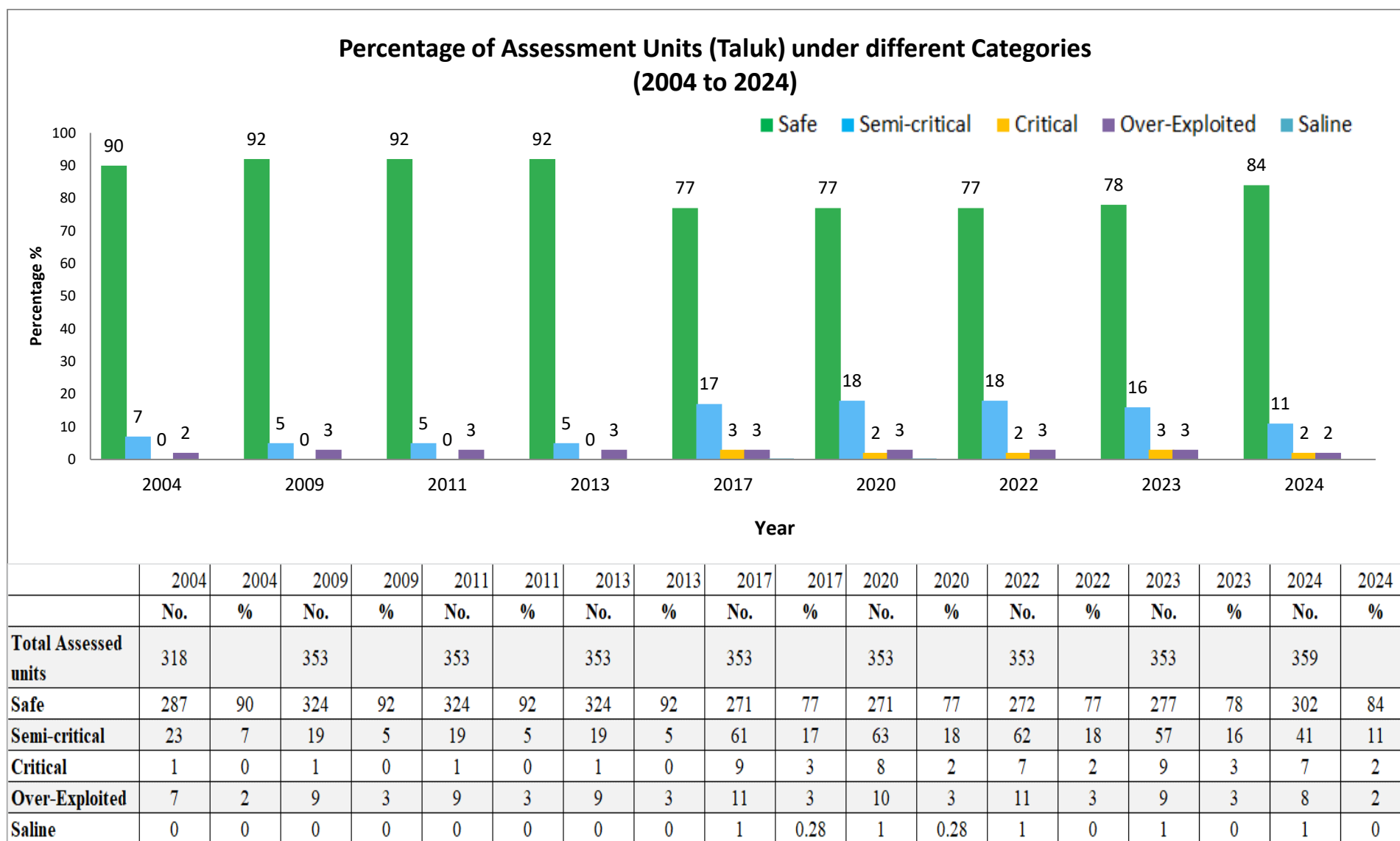


Fig 1.2 Percentage of Assessment Units (Taluk) under different Categories (2004 to 2024)

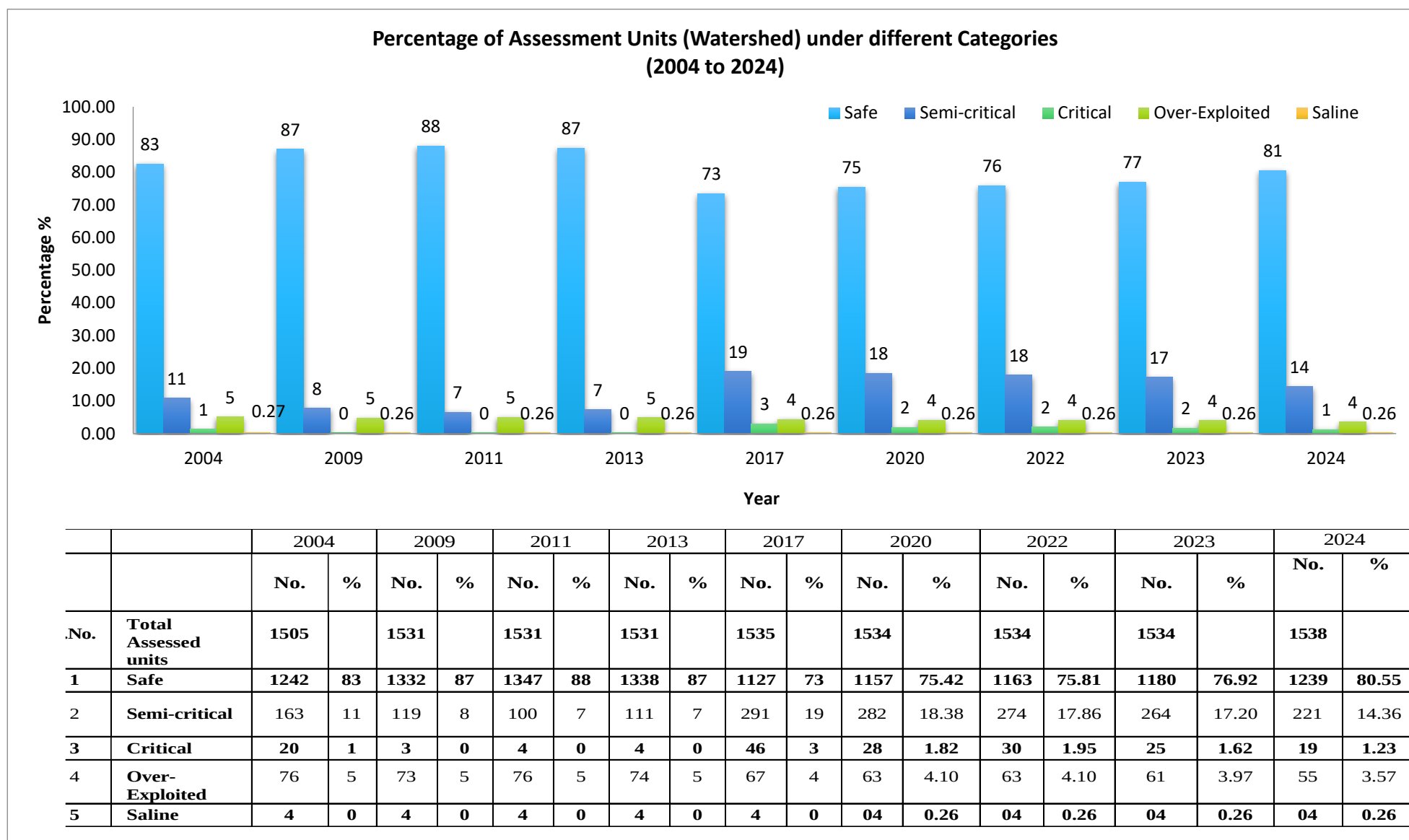


Fig 1.3 Percentage of Assessment Units (Watershed) under different Categories (2004 to 2024)

CHAPTER 2

GROUND WATER RESOURCE ESTIMATION METHODOLOGY

Ground water resource as in 2024 have been estimated following the guidelines mentioned in the GEC 2015 methodology using appropriate assumptions depending on data availability. The principal attributes of GEC 2015 methodology are given below:

It is also important to add that as it is advisable to restrict the groundwater development as far as possible to annual replenishable resources, the categorization also considers the relation between the annual replenishment and groundwater development. An area devoid of ground water potential may not be considered for development and may remain safe whereas an area with good groundwater potential may be developed and may become over exploited over a period. Thus, water augmentation efforts can be successful in such areas, where the groundwater potential is high and there is scope for augmentation.

2.1 GROUND WATER ASSESSMENT OF UNCONFINED AQUIFER

Though the assessment of ground water resources includes assessment of dynamic and in-storage resources, the development planning should mainly focus on dynamic resource as it gets replenished on an annual basis. Changes in static or in-storage resources normally reflect long-term impacts of ground water mining. Such resources may not be replenishable annually and may be allowed to be extracted only during exigencies with proper planning for augmentation in the succeeding excess rainfall years.

2.1.1 Assessment of Annually Replenishable or Dynamic Ground Water Resources

The methodology for ground water resources estimation is based on the principle of water balance as given below –

$$\text{Inflow} - \text{Outflow} = \text{Change in Storage (of an aquifer)} \dots \dots \dots (1)$$

Equation (1) can be further elaborated as –

$$\Delta S = R_{RF} + R_{STR} + R_C + R_{SWI} + R_{GWI} + R_{TP} + R_{WCS} \pm VF \pm LF - GE - T - E - B \dots \dots (2)$$

Where,

ΔS - Change in storage

R_{RF} - Rainfall recharge

R_{STR} - Recharge from stream channels

R_C - Recharge from canals

R_{SWI} - Recharge from surface water irrigation

R_{GWI} - Recharge from ground water irrigation

R_{TP} - Recharge from Tanks & Ponds

R_{WCS} - Recharge from water conservation structures

VF - Vertical flow across the aquifer system

LF - Lateral flow along the aquifer system (through flow)

GE - Ground Water Extraction

T - Transpiration

E - Evaporation

B - Base flow

Due to lack of data for all the components in most of the assessment units, at present the water budget has been assessed based on major components only, taking into consideration certain reasonable assumptions. The estimation has been carried out using lumped parameter estimation

approach keeping in mind that data from many more sources if available may be used for refining the assessment.

2.1.1.1 Rainfall Recharge

Ground water recharge has been estimated on ground water level fluctuation and specific yield approach since this method considers the response of ground water levels to ground water input and output components. In units or subareas where adequate data on ground water level fluctuations are not available, ground water recharge is estimated using rainfall infiltration factor method only. The rainfall recharge during non-monsoon season has been estimated using rainfall infiltration factor method only.

2.1.1.1.1 Ground Water Level Fluctuation Method

The ground water level fluctuation method is used for assessment of rainfall recharge in the monsoon season. The ground water balance equation in non-command areas is given by

$$\Delta S = R_{RF} + R_{STR} + R_{SWI} + R_{GWI} + R_{TP} + R_{WCS} \pm VF \pm LF - GE - T - E - B \dots \dots \dots (3)$$

Where,

ΔS - Change in storage

R_{RF} - Rainfall recharge

R_{STR} - Recharge from stream channels

R_{SWI} - Recharge from surface water irrigation

R_{GWI} - Recharge from ground water irrigation

R_{TP} - Recharge from Tanks & Ponds

R_{WCS} - Recharge from water conservation structures

VF - Vertical flow across the aquifer system

LF - Lateral flow along the aquifer system (through flow)

GE - Ground water extraction

T - Transpiration

E - Evaporation

B - Base flow

Whereas the water balance equation in command area have another term i.e., Recharge due to canals (R_C) and the equation is as follows:

$$\Delta S = R_{RF} + R_{STR} + R_C + R_{SWI} + R_{GWI} + R_{TP} + R_{WCS} \pm VF \pm LF - GE - T - E - B \dots \dots \dots (4)$$

The change in storage has been estimated using the following equation:

$$\Delta S = \Delta h \times A \times S_Y \dots \dots \dots (5)$$

Where,

ΔS - Change in storage

Δh - rise in water level in the monsoon season

A - Area for computation of recharge

S_Y - Specific Yield

Substituting the expression in equation (5) for storage increase ΔS in terms of water level fluctuation and specific yield, the equations (3) & (4) becomes (6) & (7) for non-command and command sub-units,

$$R_{RF} = \Delta h \times A \times S_Y - R_{STR} - R_{SWI} - R_{GWI} - R_{TP} - R_{WCS} \pm VF \pm LF + GE + T + E + B \dots \dots \dots (6)$$

$$R_{RF} = \Delta h \times A \times S_Y - R_{STR} - R_C - R_{SWI} - R_{GWI} - R_{TP} - R_{WCS} \pm VF \pm LF + GE + T + E + B \dots \dots \dots (7)$$

Where base flow/ recharge to/from streams have not been estimated, the same is assumed to be zero. The rainfall recharge obtained by using equation (6) and (7) provides the recharge in any particular monsoon season for the associated monsoon season rainfall. This estimate has been normalized for the normal monsoon season rainfall as per the procedure indicated below.

Normalization of Rainfall Recharge

Let R_i be the rainfall recharge and r_i be the associated rainfall. The subscript “i” takes values 1 to N where N is the number of years for which data is available. This should be at least 5. The rainfall recharge, R_i is obtained as per equation (6) & equation (7) depending on the sub-unit for which the normalization is being done.

After the pairs of data on R_i and r_i have been obtained as described above, a normalisation procedure is carried out for obtaining the rainfall recharge corresponding to the normal monsoon season rainfall. Let $r(\text{normal})$ be the normal monsoon season rainfall obtained as the average of recent 30 to 50 years of monsoon season rainfall. Two methods are possible for the normalisation procedure. The first method is based on a linear relationship between recharge and rainfall of the form

$$R = ar \dots \dots \dots (8)$$

Where,

R = Rainfall recharge during monsoon season

r = Monsoon season rainfall

a = a constant

The computational procedure in the first method is as given below:

$$R_{RF}(\text{normal}) = \frac{\sum_{i=1}^N \left[R_i \frac{r(\text{normal})}{r_i} \right]}{N} \dots \dots \dots (9)$$

Where,

$R_{RF}(\text{normal})$ - Normalized Rainfall Recharge in the monsoon season

R_i - Rainfall Recharge in the monsoon season for the i^{th} year

$r(\text{normal})$ - Normal monsoon season rainfall

r_i - Rainfall in the monsoon season for the i^{th} year

N - No. of years for which data is available

The second method is also based on a linear relation between recharge and rainfall. However, this linear relationship is of the form,

$$R_{RF}(\text{normal}) = a \times r(\text{normal}) + b \dots \dots \dots (10)$$

Where,

$R_{RF}(\text{normal})$ - Normalized Rainfall Recharge in the monsoon season

$r(\text{normal})$ - Normal monsoon season rainfall

a and b - Constants.

The two constants ‘a’ and ‘b’ in the above equation are obtained through a linear regression analysis. The computational procedure has been followed in the second method is as given below:

$$a = \frac{NS_4 - S_1S_2}{NS_3 - S_1^2} \dots \dots \dots (11)$$

$$b = \frac{S_2 - aS_1}{N} \dots \dots \dots (12)$$

Where,

$$S_1 = \sum_{i=1}^N r_i, \quad S_2 = \sum_{i=1}^N R_i, \quad S_3 = \sum_{i=1}^N r_i^2, \quad S_4 = \sum_{i=1}^N R_i r_i$$

2.1.1.1.2 Rainfall Infiltration Factor Method

The rainfall recharge estimation based on Water level fluctuation method reflects actual field conditions since it takes into account the response of ground water level. However the ground water extraction estimation included in the computation of rainfall recharge using water level fluctuation approach is often subject to uncertainties. Therefore, the rainfall recharge obtained from water level fluctuation approach has been compared with that estimated using rainfall infiltration factor method. Recharge from rainfall is estimated by using the following relationship –

$$R_{RF} = RFIF \times A \times \frac{(R - a)}{1000} \dots \dots \dots (13)$$

Where,

R_{RF} - Rainfall recharge in ham

A - Area in hectares

RFIF - Rainfall Infiltration Factor

R- Rainfall in mm

a - Minimum threshold value above which rainfall induces ground water recharge in mm

The threshold limit of minimum and maximum rainfall event which can induce recharge to the aquifer is considered while estimating ground water recharge using rainfall infiltration factor method. The minimum threshold limit is in accordance with the relation shown in equation (13) and the maximum threshold limit is based on the premise that after a certain limit, the rate of storm rain is too high to contribute to infiltration and they will only contribute to surface runoff. Thus, 10% of Normal annual rainfall has been taken as minimum rainfall threshold and 3000 mm as maximum rainfall limit. While computing the rainfall recharge, 10% of the normal annual rainfall has been deducted from the monsoon rainfall and balance rainfall is considered for computation of rainfall recharge. The same recharge factor is used for both monsoon and non-monsoon rainfall, with the condition that the recharge due to non-monsoon rainfall is taken as zero, if the normal rainfall during the non-monsoon season is less than 10% of normal annual rainfall. In using the method based on the specified norms, recharge due to both monsoon and non-monsoon rainfall has been estimated for normal rainfall, based on recent 30 to 50 years of data.

2.1.1.1.3 Percent Deviation

After computing the rainfall recharge for normal monsoon season rainfall using the ground water level fluctuation method and rainfall infiltration factor method these two estimates is compared with each other. A term, Percent Deviation (PD) which is the difference between the two expressed as a percentage of the later is computed as

$$PD = \frac{R_{RF}(\text{normal}, wtfm) - R_{RF}(\text{normal}, rfm)}{R_{RF}(\text{normal}, rfm)} \times 100 \dots \dots \dots (14)$$

Where,

$R_{RF}(\text{normal}, wtfm)$ = Rainfall recharge for normal monsoon season rainfall estimated by the ground water level fluctuation method

$R_{RF}(\text{normal}, rfm)$ = Rainfall recharge for normal monsoon season rainfall estimated by the rainfall infiltration factor method

The rainfall recharge for normal monsoon season rainfall is finally adopted as per the criteria given below:

- If PD is greater than or equal to -20%, and less than or equal to +20%, $R_{RF}(\text{normal})$ is taken as the value estimated by the ground water level fluctuation method.
- If PD is less than -20%, $R_{RF}(\text{normal})$ is taken as equal to 0.8 times the value estimated by the rainfall infiltration factor method.
- If PD is greater than +20%, $R_{RF}(\text{normal})$ is taken as equal to 1.2 times the value estimated by the rainfall infiltration factor method.

2.1.1.2 Recharge from Other Sources

Recharge from other sources constitutes recharges from canals, surface water irrigation, ground water irrigation, tanks & ponds and water conservation structures in command areas where as in non-command areas it constitutes the recharge due to surface water irrigation, ground water irrigation, tanks & ponds and water conservation structures. The methods of estimation of recharge from different sources are used in the assessment as follows:

Sl. No.	Source	Estimation Formula	Parameters
1	Recharge from Canals	$R_C = WA \times SF \times Days$	R_C = Recharge from Canals WA = Wetted Area SF = Seepage Factor Days = Number of Canal Running Days
2	Recharge from Surface Water Irrigation	$R_{SWI} = AD \times Days \times RFF$	R_{SWI} = Recharge due to applied surface water irrigation AD = Average Discharge Days = Number of days water is discharged to the Fields RFF = Return Flow Factor
3	Recharge from Ground Water Irrigation	$R_{GWI} = GE_{IRR} \times RFF$	R_{GWI} = Recharge due to applied ground water irrigation GE_{IRR} = Ground Water Extraction for Irrigation RFF = Return Flow Factor
4	Recharge due to Tanks & Ponds	$R_{TP} = AWSA \times N \times RF$	R_{TP} = Recharge due to Tanks & Ponds AWSA = Average Water Spread Area N = Number of days Water is available in the Tank/Pond RF = Recharge Factor
5	Recharge due to Water Conservation Structures	$R_{WCS} = GS \times RF$	R_{WCS} = Recharge due to Water Conservation Structures GS = Gross Storage = Storage Capacity multiplied by number of fillings. RF = Recharge Factor

2.1.1.3 Evaporation and Transpiration

Evaporation is estimated for the aquifer in the assessment unit if water levels in the aquifer are within the capillary zone. For areas with water levels within 1.0mbgl, evaporation is estimated using the evaporation rates available for other adjoining areas. If depth to water level is more than 1.0mbgl, the evaporation losses from the aquifer is taken as zero.

Transpiration through vegetation has been estimated if water levels in the aquifer are within the maximum root zone of the local vegetation. If water levels are within 3.5mbgl, transpiration is estimated using the transpiration rates available for other areas. If it is greater than 3.5m bgl, the transpiration has been taken as zero.

2.1.1.4 Recharge During Monsoon Season

The sum of normalized monsoon rainfall recharge and the recharge from other sources and lateral and vertical flows into & out of the sub unit and stream inflows & outflows during monsoon season is the total recharge/ accumulation during monsoon season for the sub unit. Similarly, this is to be computed for all the sub units available in the assessment unit.

2.1.1.5 Recharge During Non-Monsoon Season

The rainfall recharge during non-monsoon season is estimated using rainfall infiltration factor Method only when the non-monsoon season rainfall is more than 10% of normal annual rainfall. The sum of non-monsoon rainfall recharge and the recharge from other sources and lateral and vertical flows into & out of the sub unit and stream inflows & outflows during non-monsoon season is the total recharge/ accumulation during non-monsoon season for the sub unit. Similarly, this is to be computed for all the sub units available in the assessment unit.

2.1.1.6 Total Annual Ground Water Recharge

The sum of the recharge/ accumulations during monsoon and non-monsoon seasons is the total annual ground water recharge/ accumulations for the sub unit. Similarly, this is computed for all the sub units available in the assessment unit.

2.1.1.7 Annual Extractable Ground Water Resource (EGR)

The Annual Extractable Ground Water Resource (EGR) is computed by deducting the Total Annual Natural Discharge from Total Annual Ground Water Recharge.

In the water level fluctuation method, a significant portion of base flow is already accounted for by taking the post monsoon water level one month after the end of rainfall. The base flow in the remaining non-monsoon period is likely to be small, especially in hard rock areas. In the assessment units, where river stage data are not available and neither the detailed data for quantitative assessment of the natural discharge are available, allocation of unaccountable natural discharges to 5% or 10% of annual recharge is considered. If the rainfall recharge is assessed using water level fluctuation method this has been taken 5% of the annual recharge and if it is assessed using rainfall infiltration factor method, 10% of the annual recharge is considered. The balance is account for Annual Extractable Ground Water Resources (EGR).

2.1.1.8 Estimation of Ground Water Extraction

Ground water draft or extraction is assessed as follows.

$$GE_{ALL} = GE_{IRR} + GE_{DOM} + GE_{IND} \dots \dots \dots (15)$$

Where,

GE_{ALL} = Ground water extraction for all uses

GE_{IRR} = Ground water extraction for irrigation

GE_{DOM} = Ground water extraction for domestic uses

GE_{IND} = Ground water extraction for industrial uses

2.1.1.8.1 Ground Water Extraction for Irrigation (GE_{IRR})

The methods for estimation of ground water extraction are as follows.

Unit Draft Method: – In this method, season-wise unit draft of each type of well in an assessment unit is estimated. The unit draft of different types (eg. Dug well, Dug cum bore well, shallow tube well, deep tube well, bore well etc.) is multiplied with the number of wells of that particular type to obtain season-wise ground water extraction by that particular structure.

Crop Water Requirement Method: – For each crop, the season-wise net irrigation water requirement is determined. This is then multiplied with the area irrigated by ground water abstraction structures. The database on crop area is obtained from Revenue records in Tehsil office, Agriculture Census and also by using Remote Sensing techniques.

Power Consumption Method: –Ground water extraction for unit power consumption (electric) is determined. Extraction per unit power consumption is then multiplied with number of units of power consumed for agricultural pump sets to obtain total ground water extraction for irrigation.

2.1.1.8.2 Ground Water Extraction for Domestic Use (GE_{DOM})

There are several methods for estimation of extraction for domestic use(GE_{DOM}). Some of the commonly adopted methods are described here.

Unit Draft Method: – In this method, unit draft of each type of well is multiplied by the number of wells used for domestic purpose to obtain the domestic ground water extraction.

Consumptive Use Method: – In this method, population is multiplied with per capita consumption usually expressed in litre per capita per day (lpcd). It can be expressed using following equation.

$$GE_{DOM} = \text{Population} \times \text{Consumptive Requirement} \times L_g \dots \dots \dots (16)$$

Where,

L_g = Fractional Load on Ground Water for Domestic Water Supply.

The Load on Ground water can be obtained from the Information based on Civic water supply agencies in urban areas.

2.1.1.8.3 Ground Water Extraction for Industrial Use (GE_{IND})

The commonly adopted methods for estimating the extraction for industrial use are as below:

Unit Draft Method: - In this method, unit draft of each type of well is multiplied by the number of wells used for industrial purpose to obtain the industrial ground water extraction.

Consumptive Use Pattern Method: – In this method, water consumption of different industrial units is determined. Numbers of Industrial units which are dependent on ground water are multiplied with unit water consumption to obtain ground water extraction for industrial use.

$$GE_{IND} = \text{Number of Industrial Units} \times \text{Unit Water Consumption} \times L_g \dots \dots \dots (17)$$

Where,

L_g = Fractional load on ground water for industrial water supply.

The load on ground water for industrial water supply can be obtained from water supply agencies in the Industrial belt.

Ground water extraction obtained from different methods need to be compared and based on field checks, the seemingly best value may be adopted. At times, ground water extraction obtained by different methods may vary widely. In such cases, the value matching the field situation should be considered. The storage depletion during a season, where other recharges are negligible can be taken as ground water extraction during that particular period.

2.1.1.9 Stage of Ground Water Extraction

The stage of ground water extraction is defined by,

$$\begin{aligned} \text{Stage of GW Extraction} \\ = \frac{\text{Existing Gross GW Extraction for all Uses}}{\text{Annual Extractable GW Resources}} \times 100 \dots \dots \dots (18) \end{aligned}$$

The existing gross ground water extraction for all uses refers to the total of existing gross ground water extraction for irrigation and all other purposes. The stage of ground water extraction should be obtained separately for command areas, non-command areas and poor ground water quality areas.

2.1.1.10 Validation of Stage of Ground Water Extraction

The assessment based on the stage of ground water extraction has inherent uncertainties. In view of this, it is desirable to validate the 'Stage of Ground Water Extraction' with long term trend of ground water levels. Long term Water Level trends are prepared for a minimum period of 10 years for both pre-monsoon and post-monsoon period. If the ground water resource assessment and the trend of long term water levels contradict each other, this anomalous situation requires a review of the ground water resource computation, as well as the reliability of water level data. The mismatch conditions are enumerated below

SOGWE	Ground Water Level Trend	Remarks
≤ 70%	Significant decline in trend in both pre-monsoon and post-monsoon	Not acceptable and needs reassessment
> 100%	No significant decline in both pre-monsoon and post-monsoon long term trend	Not acceptable and needs reassessment

2.1.1.11 Categorisation of Assessment Unit

2.1.1.11.1 Categorisation of Assessment Unit Based on Quantity

The categorisation based on status of ground water quantity is defined by Stage of Ground Water Extraction as given below:

Stage of Ground Water Extraction	Category
≤ 70%	Safe
> 70% and ≤90%	Semi-critical
> 90% and ≤100%	Critical
> 100%	Over Exploited

2.1.1.11.2 Categorisation of Assessment Unit Based on Quality

As it is not possible to categorize the assessment units in terms of the extent of quality hazard, based on the available water quality monitoring mechanism and database on ground water quality, the Committee recommends that each assessment unit, in addition to the Quantity based categorization (safe, semi-critical, critical and over-exploited) should bear a quality hazard identifier. If any of the three quality hazards in terms of Arsenic, Fluoride and Salinity are encountered in the assessment sub unit in mappable units, the assessment sub unit has been tagged with the particular Quality hazard.

2.1.1.12 Allocation of Ground Water Resource for Utilisation

The Annual Extractable Ground Water Resources are to be apportioned between domestic, industrial and irrigation uses. Among these, as per the National Water Policy, requirement for domestic water supply is to be accorded priority. This requirement based on population has been projected to the year 2025, per capita requirement of water for domestic use, and relative load on ground water for urban and rural water supply. In situations where adequate data is not available to make this estimate, the following empirical relation has been utilized.

$$Alloc = 22 \times N \times L_g \text{ mm per year} \dots \dots \dots (19)$$

Where,

Alloc = Allocation for domestic water requirement

N = population density in the unit in thousands per sq. km.

L_g = fractional load on ground water for domestic water supply (≤ 1.0)

2.1.1.13 Net Annual Ground Water Availability for Future Use

The water available for future use is obtained by deducting the allocation for domestic use and current extraction for Irrigation and Industrial uses from the Annual Extractable Ground Water Recharge. The resulting ground water potential is termed as the net annual ground water availability for future use. The Net annual ground water availability for future use is calculated separately for non-command areas and command areas. As per the recommendations of the R&D Advisory committee, the ground water available for future use can never be negative. If it becomes negative, the future allocation of Domestic needs can be reduced to current extraction for domestic use. Even then if it is still negative, then the ground water available for future uses has been projected as zero.

2.1.1.14 Additional Potential Resources under Specific Conditions

2.1.1.14.1 Potential Resource Due to Spring Discharge

Spring discharge occurs at the places where ground water level cuts the surface topography. The spring discharge is equal to the ground water recharge minus the outflow through evaporation and evapotranspiration and vertical and lateral sub-surface flow. Thus, Spring Discharge is a form of 'Annual Extractable Ground Water Recharge'. It is a renewable resource, though has not been used for Categorisation. Spring discharge measurement has been carried out by volumetric measurement of discharge of the springs. Spring discharges multiplied with time in days of each season will give the quantum of spring resources available during that season.

$$\text{Potential ground water resource due to springs} = Q \times \text{No. of days} \dots \dots \dots (20)$$

Where,

Q = Spring Discharge

No of days = No of days spring yields.

2.1.1.14.2 Potential Resource in Waterlogged and Shallow Water Table Areas

In the area where the ground water level is less than 5m below ground level or in waterlogged areas, the resources up to 5m below ground level are potential and would be available for development in addition to the annual recharge in the area. The computation of potential resource to ground water reservoir in shallow water table areas has been done by adopting the following equation:

$$\begin{aligned} \text{Potential groundwater resource in shallow water table areas} \\ = (5 - D) \times A \times S_Y \dots \dots \dots (21) \end{aligned}$$

Where,

D = Depth to water table below ground surface in pre-monsoon period in shallow aquifers.

A = Area of shallow water table zone.

S_Y = Specific Yield

2.1.1.14.3 Potential Resource in Flood Prone Areas

Ground water recharge from a flood plain is mainly the function of the following parameters-

- Areal extent of flood plain
- Retention period of flood
- Type of sub-soil strata and silt charge in the river water which gets deposited and controls seepage

Since collection of data on all these factors is time taking and difficult, in the meantime, the potential resource from flood plain may be estimated on the same norms as for ponds, tanks and lakes. This has been calculated over the water spread area and only for the retention period using the following formula.

$$\begin{aligned} \text{Potential groundwater resource in Flood Prone Areas} \\ = 1.4 \times N \times \frac{A}{1000} \dots \dots \dots (22) \end{aligned}$$

Where,

N = No. of Days Water is Retained in the Area

A = Flood Prone Area

2.1.1.15 Apportioning of Ground Water Assessment from Watershed to Development Unit

Where the assessment unit is a watershed, there is a need to convert the ground water assessment in terms of an administrative unit such as block/ taluka/ mandal. This has been done as follows.

A block may comprise of one or more watersheds, in part or full. First, the ground water assessment in the subareas, command, non-command and poor ground water quality areas of the watershed has been converted into depth unit (mm), by dividing the annual recharge by the respective area. The contribution of this subarea of the watershed to the block, is now calculated by multiplying this depth with the area in the block occupied by this sub-area.

The total ground water resource of the block has been presented separately for each type of sub-area, namely for command areas, non-command areas and poor ground water quality areas, as in the case of the individual watersheds.

2.2 GROUND WATER ASSESSMENT IN URBAN AREAS

The Assessment of Ground Water Resources in urban areas is similar to that of rural areas. Because of the availability of draft data and slightly different infiltration process and recharge due to other sources, the following few points are to be considered.

- Even though the data on existing ground water abstraction structures are available, accuracy is somewhat doubtful and individuals cannot even enumerate the well census in urban areas. Hence the difference of the actual demand and the supply by surface water sources as the withdrawal from the ground water resources has been considered for the assessment.
- The urban areas are sometimes concrete jungles and rainfall infiltration is not equal to that of rural areas unless and until special measures are taken in the construction of roads and pavements. Hence, 30% of the rainfall infiltration factor has been taken into consideration for urban areas as an adhoc arrangement till field studies in these areas are done and documented field studies are available.
- Because of the water supply schemes, there are many pipelines available in the urban areas and the seepages from these channels or pipes are huge in some areas. Hence this component has been included in the other resources and the recharge has also been considered. The percent losses have been collected from the individual water supply agencies, 50% of which has been considered as recharge to the ground water system.
- In the urban areas in India, normally, there is no separate channels either open or sub surface for the drainage and flash floods. These channels also recharge to some extent the ground water reservoir. As on today, there is no documented field study to assess the recharge. The seepages from the sewerages, which normally contaminate the ground water resources with nitrate also contribute to the quantity of resources and hence same percent as in the case of water supply pipes has been taken as norm for the recharge on the quantity of sewerage when there is sub surface drainage system. If estimated flash flood data is available, the same percent has been used on the quantum of flash floods to estimate the recharge from the flash floods.
- Urban areas with population more than 10 lakhs, has been considered as urban assessment unit while assessing the dynamic ground water resources.

2.3 GROUND WATER ASSESSMENT IN WATER LEVEL DEPLETION ZONES

There are areas where ground water level shows a decline even in the monsoon season. The reasons for this may be any one of the following: (a) There is a genuine depletion in the ground water regime, with ground water extraction and natural ground water discharge in the monsoon season (outflow from the region and base flow) exceeding the recharge. (b) There may be an error in water level data due to inadequacy of observation wells.

If it is concluded that the water level data is erroneous, recharge assessment has been made based on rainfall infiltration factor method. If, on the other hand, water level data is assessed as reliable, the ground water level fluctuation method has been applied for recharge estimation. As ΔS in equation 3 & 4 is negative, the estimated recharge will be less than the gross ground water

extraction in the monsoon season. It must be noted that this recharge is the gross recharge minus the natural discharges in the monsoon season. The immediate conclusion from such an assessment in water depletion zones is that the area falls under the over-exploited category which requires micro level study.

2.4 NORMS HAS BEEN USED IN THE ASSESSMENT

2.4.1 Specific Yield

Recently under Aquifer Mapping Project, Central Ground Water Board has classified all the aquifers into 14 Principal Aquifers which in turn were divided into 42 Major Aquifers. Hence, it is required to assign Specific Yield values to all these aquifer units. The values recommended in the Table-3.1 has been followed in the present assessments, unless sufficient data based on field studies are available to justify the minimum, maximum or other intermediate values

Table-3.1: Norms Recommended for Specific Yield

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
1	Alluvium	AL01	Younger Alluvium (Clay/Silt/Sand/ Calcareous concretions)	Quaternary	10	8	12
2	Alluvium	AL02	Pebble / Gravel/ Bazada/ Kandi	Quaternary	16	12	20
3	Alluvium	AL03	Older Alluvium (Silt/Sand/Gravel/Lithomargic clay)	Quaternary	6	4	8
4	Alluvium	AL04	Aeolian Alluvium (Silt/ Sand)	Quaternary	16	12	20
5	Alluvium	AL05	Coastal Alluvium (Sand/Silt/Clay)	Quaternary	10	8	12
6	Alluvium	AL06	Valley Fills	Quaternary	16	12	20
7	Alluvium	AL07	Glacial Deposits	Quaternary	16	12	20
8	Laterite	LT01	Laterite / Ferruginous concretions	Quaternary	2.5	2	3
9	Basalt	BS01	Basic Rocks (Basalt) - Weathered, Vesicular or Jointed	Mesozoic to Cenozoic	2	1	3
10	Basalt	BS01	Basic Rocks (Basalt) - Massive Poorly Jointed	Mesozoic to Cenozoic	0.35	0.2	0.5
11	Basalt	BS02	Ultra Basic - Weathered, Vesicular or Jointed	Mesozoic to Cenozoic	2	1	3
12	Basalt	BS02	Ultra Basic - Massive Poorly Jointed	Mesozoic to Cenozoic	0.35	0.2	0.5
13	Sandstone	ST01	Sandstone/Conglomerate	Upper Palaeozoic to Cenozoic	3	1	5
14	Sandstone	ST02	Sandstone with Shale	Upper Palaeozoic to Cenozoic	3	1	5
15	Sandstone	ST03	Sandstone with shale/ coal beds	Upper Palaeozoic to Cenozoic	3	1	5
16	Sandstone	ST04	Sandstone with Clay	Upper Palaeozoic to Cenozoic	3	1	5
17	Sandstone	ST05	Sandstone/Conglomerate	Proterozoic to Cenozoic	3	1	5
18	Sandstone	ST06	Sandstone with Shale	Proterozoic to Cenozoic	3	1	5
19	Shale	SH01	Shale with limestone	Upper Palaeozoic to Cenozoic	1.5	1	2
20	Shale	SH02	Shale with Sandstone	Upper Palaeozoic to Cenozoic	1.5	1	2
21	Shale	SH03	Shale, limestone and sandstone	Upper Palaeozoic to Cenozoic	1.5	1	2
22	Shale	SH04	Shale	Upper Palaeozoic to Cenozoic	1.5	1	2
23	Shale	SH05	Shale/Shale with Sandstone	Proterozoic to Cenozoic	1.5	1	2
24	Shale	SH06	Shale with Limestone	Proterozoic to Cenozoic	1.5	1	2
25	Limestone	LS01	Miliolitic Limestone	Quaternary	2	1	3
26	Limestone	LS01	KarstifiedMiliolitic Limestone	Quaternary	10	5	15

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
27	Limestone	LS02	Limestone / Dolomite	Upper Palaeozoic to Cenozoic	2	1	3
28	Limestone	LS02	Karstified Limestone / Dolomite	Upper Palaeozoic to Cenozoic	10	5	15
29	Limestone	LS03	Limestone/Dolomite	Proterozoic	2	1	3
30	Limestone	LS03	Karstified Limestone/Dolomite	Proterozoic	10	5	15
31	Limestone	LS04	Limestone with Shale	Proterozoic	2	1	3
32	Limestone	LS04	Karstified Limestone with Shale	Proterozoic	10	5	15
33	Limestone	LS05	Marble	Azoic to Proterozoic	2	1	3
34	Limestone	LS05	Karstified Marble	Azoic to Proterozoic	10	5	15
35	Granite	GR01	Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Weathered, Jointed	Mesozoic to Cenozoic	1.5	1	2
36	Granite	GR01	Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Massive or Poorly Fractured	Mesozoic to Cenozoic	0.35	0.2	0.5
37	Granite	GR02	Acidic Rocks (Pegmatite, Granite, Syenite, Rhyolite etc.) - Weathered, Jointed	Proterozoic to Cenozoic	3	2	4
38	Granite	GR02	Acidic Rocks (Pegmatite, Granite, Syenite, Rhyolite etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	0.35	0.2	0.5
39	Schist	SC01	Schist - Weathered, Jointed	Azoic to Proterozoic	1.5	1	2
40	Schist	SC01	Schist - Massive, Poorly Fractured	Azoic to Proterozoic	0.35	0.2	0.5
41	Schist	SC02	Phyllite	Azoic to Proterozoic	1.5	1	2
42	Schist	SC03	Slate	Azoic to Proterozoic	1.5	1	2
43	Quartzite	QZ01	Quartzite - Weathered, Jointed	Proterozoic to Cenozoic	1.5	1	2
44	Quartzite	QZ01	Quartzite - Massive, Poorly Fractured	Proterozoic to Cenozoic	0.3	0.2	0.4
45	Quartzite	QZ02	Quartzite - Weathered, Jointed	Azoic to Proterozoic	1.5	1	2
46	Quartzite	QZ02	Quartzite - Massive, Poorly Fractured	Azoic to Proterozoic	0.3	0.2	0.4
47	Charnockite	CK01	Charnockite - Weathered, Jointed	Azoic	3	2	4
48	Charnockite	CK01	Charnockite - Massive, Poorly Fractured	Azoic	0.3	0.2	0.4
49	Khondalite	KH01	Khondalites, Granulites - Weathered, Jointed	Azoic	1.5	1	2
50	Khondalite	KH01	Khondalites, Granulites - Massive, Poorly Fractured	Azoic	0.3	0.2	0.4
51	Banded Gneissic Complex	BG01	Banded Gneissic Complex - Weathered, Jointed	Azoic	1.5	1	2
52	Banded Gneissic Complex	BG01	Banded Gneissic Complex - Massive, Poorly Fractured	Azoic	0.3	0.2	0.4
53	Gneiss	GN01	Undifferentiated metasedimentaries/ Undifferentiated metamorphic - Weathered, Jointed	Azoic to Proterozoic	1.5	1	2
54	Gneiss	GN01	Undifferentiated metasedimentaries/ Undifferentiated metamorphic - Massive, Poorly Fractured	Azoic to Proterozoic	0.3	0.2	0.4
55	Gneiss	GN02	Gneiss - Weathered, Jointed	Azoic to Proterozoic	3	2	4
56	Gneiss	GN02	Gneiss - Massive, Poorly Fractured	Azoic to Proterozoic	0.3	0.2	0.4
57	Gneiss	GN03	Migmatitic Gneiss - Weathered, Jointed	Azoic	1.5	1	2
58	Gneiss	GN03	Migmatitic Gneiss - Massive, Poorly Fractured	Azoic	0.3	0.2	0.4
59	Intrusive	IN01	Basic Rocks (Dolerite, Anorthosite etc.) - Weathered, Jointed	Proterozoic to Cenozoic	2	1	3
60	Intrusive	IN01	Basic Rocks (Dolerite, Anorthosite etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	0.35	0.2	0.5

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
61	Intrusive	IN02	Ultrabasics (Epidiorite, Granophyre etc.) - Weathered, Jointed	Proterozoic to Cenozoic	2	1	3
62	Intrusive	IN02	Ultrabasics (Epidiorite, Granophyre etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	0.35	0.2	0.5

2.4.2 Rainfall Infiltration Factor

The values mentioned in **Table-3.2** has been used in the present assessment. The recommended Rainfall Infiltration Factor values has been used for assessment, unless sufficient data based on field studies are available to justify the minimum, maximum or other intermediate values.

Table-3.2: Norms Recommended for Rainfall Infiltration Factor

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
1	Alluvium	AL01	Younger Alluvium (Clay/Silt/Sand/ Calcareous concretions)	Quaternary	22	20	24
2	Alluvium	AL02	Pebble / Gravel/ Bazada/ Kandi	Quaternary	22	20	24
3	Alluvium	AL03	Older Alluvium (Silt/Sand/Gravel/Lithomargic clay)	Quaternary	22	20	24
4	Alluvium	AL04	Aeolian Alluvium (Silt/ Sand)	Quaternary	22	20	24
5	Alluvium	AL05	Coastal Alluvium (Sand/Silt/Clay) - East Coast	Quaternary	16	14	18
5	Alluvium	AL05	Coastal Alluvium (Sand/Silt/Clay) - West Coast	Quaternary	10	8	12
6	Alluvium	AL06	Valley Fills	Quaternary	22	20	24
7	Alluvium	AL07	Glacial Deposits	Quaternary	22	20	24
8	Laterite	LT01	Laterite / Ferruginous concretions	Quaternary	7	6	8
9	Basalt	BS01	Basic Rocks (Basalt) - Vesicular or Jointed	Mesozoic to Cenozoic	13	12	14
9	Basalt	BS01	Basic Rocks (Basalt) - Weathered	Mesozoic to Cenozoic	7	6	8
10	Basalt	BS01	Basic Rocks (Basalt) - Massive Poorly Jointed	Mesozoic to Cenozoic	2	1	3
11	Basalt	BS02	Ultra Basic - Vesicular or Jointed	Mesozoic to Cenozoic	13	12	14
11	Basalt	BS02	Ultra Basic - Weathered	Mesozoic to Cenozoic	7	6	8
12	Basalt	BS02	Ultra Basic - Massive Poorly Jointed	Mesozoic to Cenozoic	2	1	3
13	Sandstone	ST01	Sandstone/Conglomerate	Upper Palaeozoic to Cenozoic	12	10	14
14	Sandstone	ST02	Sandstone with Shale	Upper Palaeozoic to Cenozoic	12	10	14
15	Sandstone	ST03	Sandstone with shale/ coal beds	Upper Palaeozoic to Cenozoic	12	10	14
16	Sandstone	ST04	Sandstone with Clay	Upper Palaeozoic to Cenozoic	12	10	14
17	Sandstone	ST05	Sandstone/Conglomerate	Proterozoic to Cenozoic	6	5	7
18	Sandstone	ST06	Sandstone with Shale	Proterozoic to Cenozoic	6	5	7
19	Shale	SH01	Shale with limestone	Upper Palaeozoic to Cenozoic	4	3	5
20	Shale	SH02	Shale with Sandstone	Upper Palaeozoic to Cenozoic	4	3	5
21	Shale	SH03	Shale, limestone and sandstone	Upper Palaeozoic to Cenozoic	4	3	5
22	Shale	SH04	Shale	Upper Palaeozoic to Cenozoic	4	3	5

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
23	Shale	SH05	Shale/Shale with Sandstone	Proterozoic to Cenozoic	4	3	5
24	Shale	SH06	Shale with Limestone	Proterozoic to Cenozoic	4	3	5
25	Limestone	LS01	Miliolitic Limestone	Quaternary	6	5	7
27	Limestone	LS02	Limestone / Dolomite	Upper Palaeozoic to Cenozoic	6	5	7
29	Limestone	LS03	Limestone/Dolomite	Proterozoic	6	5	7
31	Limestone	LS04	Limestone with Shale	Proterozoic	6	5	7
33	Limestone	LS05	Marble	Azoic to Proterozoic	6	5	7
35	Granite	GR01	Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Weathered, Jointed	Mesozoic to Cenozoic	7	5	9
36	Granite	GR01	Acidic Rocks (Granite, Syenite, Rhyolite etc.) - Massive or Poorly Fractured	Mesozoic to Cenozoic	2	1	3
37	Granite	GR02	Acidic Rocks (Pegmatite, Granite, Syenite, Rhyolite etc.) - Weathered, Jointed	Proterozoic to Cenozoic	11	10	12
38	Granite	GR02	Acidic Rocks (Pegmatite, Granite, Syenite, Rhyolite etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	2	1	3
39	Schist	SC01	Schist - Weathered, Jointed	Azoic to Proterozoic	7	5	9
40	Schist	SC01	Schist - Massive, Poorly Fractured	Azoic to Proterozoic	2	1	3
41	Schist	SC02	Phyllite	Azoic to Proterozoic	4	3	5
42	Schist	SC03	Slate	Azoic to Proterozoic	4	3	5
43	Quartzite	QZ01	Quartzite - Weathered, Jointed	Proterozoic to Cenozoic	6	5	7
44	Quartzite	QZ01	Quartzite - Massive, Poorly Fractured	Proterozoic to Cenozoic	2	1	3
45	Quartzite	QZ02	Quartzite - Weathered, Jointed	Azoic to Proterozoic	6	5	7
46	Quartzite	QZ02	Quartzite - Massive, Poorly Fractured	Azoic to Proterozoic	2	1	3
47	Charnockite	CK01	Charnockite - Weathered, Jointed	Azoic	5	4	6
48	Charnockite	CK01	Charnockite - Massive, Poorly Fractured	Azoic	2	1	3
49	Khondalite	KH01	Khondalites, Granulites - Weathered, Jointed	Azoic	7	5	9
50	Khondalite	KH01	Khondalites, Granulites - Massive, Poorly Fractured	Azoic	2	1	3
51	Banded Gneissic Complex	BG01	Banded Gneissic Complex - Weathered, Jointed	Azoic	7	5	9
52	Banded Gneissic Complex	BG01	Banded Gneissic Complex - Massive, Poorly Fractured	Azoic	2	1	3
53	Gneiss	GN01	Undifferentiated metasedimentaries/ Undifferentiated metamorphic - Weathered, Jointed	Azoic to Proterozoic	7	5	9
54	Gneiss	GN01	Undifferentiated metasedimentaries/ Undifferentiated metamorphic - Massive, Poorly Fractured	Azoic to Proterozoic	2	1	3
55	Gneiss	GN02	Gneiss - Weathered, Jointed	Azoic to Proterozoic	11	10	12
56	Gneiss	GN02	Gneiss - Massive, Poorly Fractured	Azoic to Proterozoic	2	1	3
57	Gneiss	GN03	Migmatitic Gneiss - Weathered, Jointed	Azoic	7	5	9
58	Gneiss	GN03	Migmatitic Gneiss - Massive, Poorly Fractured	Azoic	2	1	3
59	Intrusive	IN01	Basic Rocks (Dolerite, Anorthosite etc.) - Weathered, Jointed	Proterozoic to Cenozoic	7	6	8
60	Intrusive	IN01	Basic Rocks (Dolerite, Anorthosite etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	2	1	3
61	Intrusive	IN02	Ultra Basics (Epidiorite, Granophyre etc.) - Weathered, Jointed	Proterozoic to Cenozoic	7	6	8

Sl. No.	Principal Aquifer	Major Aquifers		Age	Recommended (%)	Minimum (%)	Maximum (%)
		Code	Name				
62	Intrusive	IN02	Ulta Basics (Epidiorite, Granophyre etc.) - Massive, Poorly Fractured	Proterozoic to Cenozoic	2	1	3

2.4.3 Norms for Canal Recharge

The Norms suggested in **Table-3.3** has been used for estimating the recharge from Canals, where sufficient data based on field studies are not available.

Table-3.3: Norms Recommended for Recharge due to Canals

Formation	Canal Seepage factor ham/day/million square meters of wetted area		
	Recommended	Minimum	Maximum
Unlined canals in normal soils with some clay content along with sand	17.5	15	20
Unlined canals in sandy soil with some silt content	27.5	25	30
Lined canals in normal soils with some clay content along with sand	3.5	3	4
Lined canals in sandy soil with some silt content	5.5	5	6
All canals in hard rock area	3.5	3	4

2.4.4 Norms for Recharge Due to Irrigation

The Recommended Norms are presented in **Table-3.4**.

Table-3.4: Norms Recommended for Recharge from Irrigation

DTW m bgl	Ground Water		Surface Water	
	Paddy	Non-paddy	Paddy	Non-paddy
≤ 10	45.0	25.0	50.0	30.0
11	43.3	23.7	48.3	28.7
12	40.4	22.1	45.1	26.8
13	37.7	20.6	42.1	25.0
14	35.2	19.2	39.3	23.3
15	32.9	17.9	36.7	21.7
16	30.7	16.7	34.3	20.3
17	28.7	15.6	32.0	18.9
18	26.8	14.6	29.9	17.6
19	25.0	13.6	27.9	16.4
20	23.3	12.7	26.0	15.3
21	21.7	11.9	24.3	14.3
22	20.3	11.1	22.7	13.3
23	18.9	10.4	21.2	12.4
24	17.6	9.7	19.8	11.6
≥ 25	20.0	5.0	25.0	10.0

2.4.5 Norms for Recharge due to Tanks & Ponds

As the data on the field studies for computing recharge from Tanks & Ponds are very limited, for Seepage from Tanks & Ponds has been used as 1.4 mm / day in the present assessment.

2.4.6 Norms for Recharge due to Water Conservation Structures

The data on the field studies for computing recharge from Water Conservation Structures are very limited, hence, the norm recommended by GEC-2015 for the seepage from Water Conservation Structures is 40% of gross storage during a year which means 20% during monsoon season and 20% during non-monsoon Season is adopted.

2.4.7 Unit Draft

The methodology recommends to use well census method for computing the ground water draft. The norm used for computing ground water draft is the unit draft. The unit draft can be computed by field studies. This method involves selecting representative abstraction structure and calculating the discharge from that particular type of structure and collecting the information on how many hours of pumping is being done in various seasons and number of such days during each season. The Unit Draft during a particular season is computed using the following equation:

$$\text{Unit Draft} = \text{Discharge in } m^3/hr \times \text{No. of pumping hours in a day} \times \text{No. of days} \dots \dots \dots (29)$$

But the procedure that is being followed for computing unit draft does not have any normalization procedure. Normally, if the year in which one collects the draft data in the field is an excess rainfall year, the abstraction from ground water will be less. Similarly, if the year of the computation of unit draft is a drought year the unit draft will be high. Hence, there is a requirement to devise a methodology that can be used for the normalization of unit draft figures. The following are the two simple techniques, which are followed for normalization of Unit Draft. Areas where, unit draft values for one rainfall cycle are available for at least 10 years second method shown in equation 31 is followed or else the first method shown in equation 30 has been used.

$$\text{Normalised Unit Draft} = \frac{\text{Unit Draft} \times \text{Rainfall for the year}}{\text{Normal Rainfall}} \dots \dots \dots (30)$$

$$\text{Normalised Unit Draft} = \frac{\sum_{i=1}^n \text{Unit Draft}_i}{\text{Number of Years}} \dots \dots \dots (31)$$

2.5 INDIA -GROUNDWATER RESOURCE ESTIMATION SYSTEM (IN-GRES)

“INDIA-GROUNDWATER RESOURCE ESTIMATION SYSTEM (IN-GRES) is a Software/Web-based Application developed by CGWB in collaboration with IIT-Hyderabad. It provides common and standardized platform for Ground Water Resource Estimation for the entire country and its pan-India operationalization (Central and State Governments). The system takes ‘Data Input’ through Excel as well as Forms, compute various ground water components (recharge, extraction etc.) and classify assessment units into appropriate categories (safe, semi-critical, critical and over-exploited). The Software uses GEC 2015 Methodology for estimation and calculation of Groundwater resources. It allows for unique and homogeneous representation of groundwater fluxes as well as categories for all the assessment units (AU) of the country.

URL of IN-GRES → <http://ingres.iith.ac.in>

CHAPTER 3

RAINFALL

Rainfall is the main source of ground water recharge in the country. However, distribution of rainfall has a wide variation both in space and time. Rain gauge stations are established and maintained by different departments and Undertakings of Central and State governments and also by private parties as per their specific data requirements. Though the period of seasons varies from place to place, for climatological purposes especially for rainfall, a year is divided into 4 seasons: Winter (January and February), Pre monsoon (March to May), South West Monsoon (June to September) and Post Monsoon (October to December). Most part of India receives rainfall mainly during SW Monsoon season.

The rainfall has direct impact on ground water regime. Groundwater table is usually deeper during pre monsoon season i.e, before the onset of the monsoon season and it becomes shallow during monsoon and shortly before the cessation of monsoons. The extraction of groundwater is not extensive for irrigation during the monsoons season and in subsequent month after the monsoon, as sufficient moisture remains in the root zone from the monsoon rainfall. After the end of monsoon, as the ground water extraction increases, the groundwater table begins to decline, displaying two distinct phases. The first phase, after the end of the monsoon, there is a rapid decline represented as a relatively steeper slope in the hydrograph and continued to be declined until the preceding monsoon begins in the subsequent year. Based on these dynamics, the ground water assessed in a groundwater year (June to May) comprises both monsoon season, spans from the beginning of the monsoon to one month after its cessation and non-monsoon season, the remaining period of the groundwater year. It is pertinent to mention that, the assessment of ground water resources for monsoon period in a ground water year include both monsoon months plus one subsequent calendar month after monsoon.

The normal rainfall distribution across the Maharashtra showcases a broad spectrum, reflecting the state's diverse climatic conditions (**Plate-III**). The minimum normal rainfall is observed in Parbhani with just 571.3 mm, while Satara, 3602.7 mm records the highest at 3553.5 mm, **Fig 3.1 and Table 3.1**. On average, the state's average normal rainfall is 1126.8 mm, though the distribution is uneven. The median normal rainfall stands at 902.6 mm, meaning that half of the state experience rainfall below the normal, indicating that a significant portion of the country has received lesser rainfall than the state average. The standard deviation is 808.49 mm, reflects the variability in rainfall within some regions.

The annual rainfall in 2023 varied significantly across the Maharashtra. Raigadh received the highest rainfall (3273.8 mm), followed by Satara (3183.5 mm) and Osmanabad (3174.9 mm). Sangli experienced the lowest rainfall (460.6 mm) with -29% below its normal rainfall. District wise Actual and Normal Rainfall (Monsoon and Non Monsoon) is given in **Fig 3.2 and Table 3.2**.

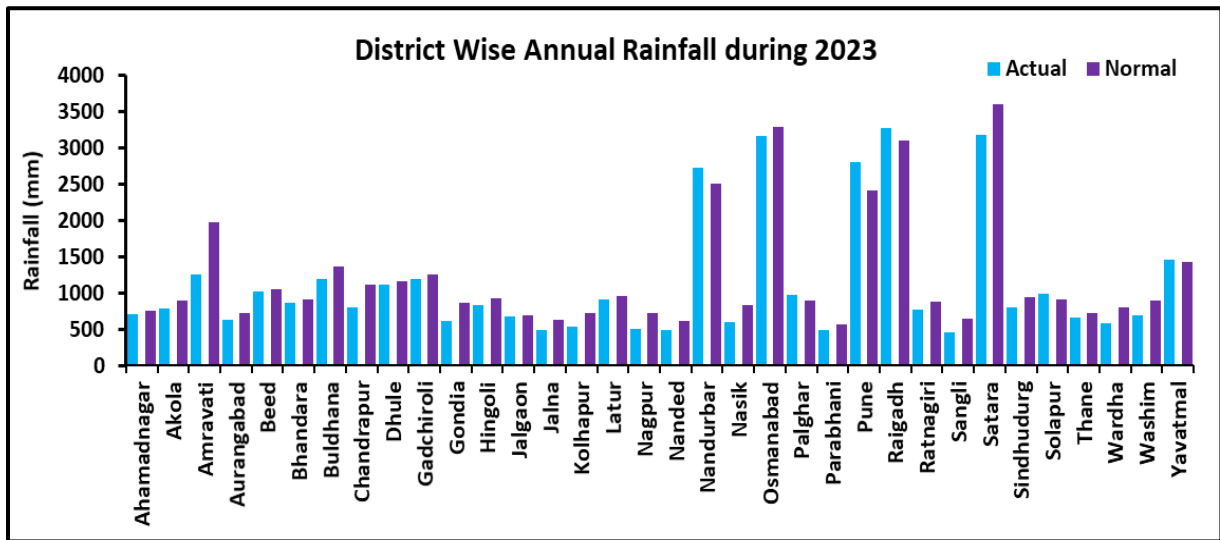


Fig-3.1: District wise Annual Rainfall during 2023

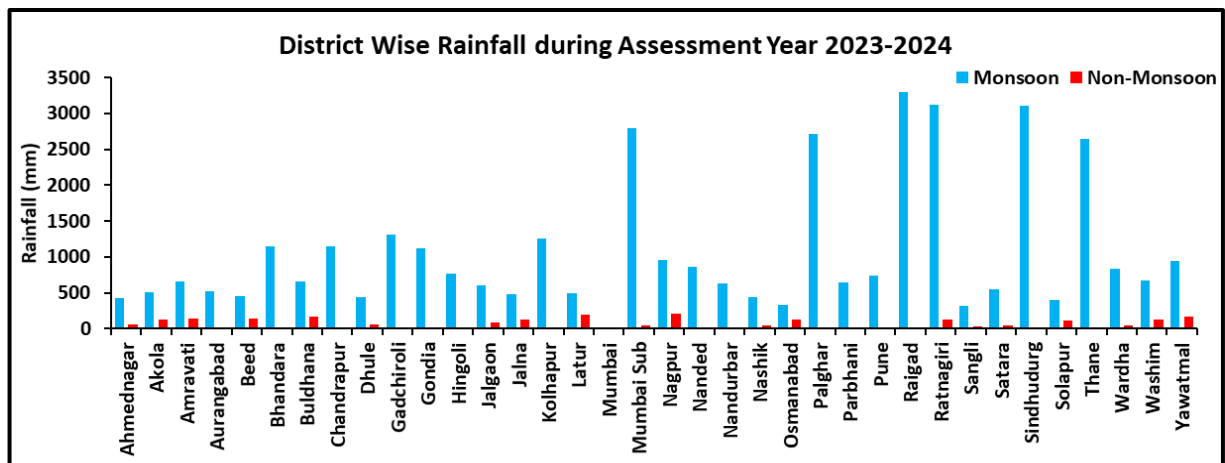


Fig-3.2: District wise Actual Rainfall during 2023

Table 3.1 District wise annual rainfall and departure during 2023															
District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Rainfall (mm)		Departure (%)
													Actual	Normal	
Ahamadnagar	3.3	0.0	11.1	0.0	0.1	58.9	109.4	24.1	207.0	7.4	46.2	18.8	714.0	761.6	-6%
Akola	0.2	0.0	11.6	0.0	0.0	30.3	294.2	41.2	143.9	1.7	56.1	4.3	792.8	892.1	-11%
Amravati	4.4	0.0	15.4	0.0	0.6	59.9	317.4	63.2	175.0	6.8	49.6	6.2	1259.3	1971.1	-36%
Aurangabad	4.4	0.0	20.4	0.0	0.0	66.9	178.9	44.2	247.3	2.7	87.3	27.4	629.9	729.4	-14%
Beed	1.0	0.0	13.8	0.0	0.0	55.1	178.0	30.7	183.4	6.2	50.2	13.5	1027.8	1057.6	-3%
Bhandara	4.9	0.0	22.1	0.0	0.0	175.8	446.4	243.1	276.5	6.8	14.5	9.0	864.2	908.4	-5%
Buldhana	1.7	0.0	21.2	0.0	0.2	33.7	284.8	71.8	197.8	0.7	83.1	19.2	1186.8	1368.3	-13%
Chandrapur	1.3	0.0	14.3	0.0	0.0	83.7	552.8	175.1	266.8	5.2	8.3	4.4	805.9	1108.2	-27%
Dhule	0.5	0.0	12.0	0.0	0.0	70.2	157.8	42.1	166.5	2.3	30.3	7.4	1112.0	1159.0	-4%
Gadchiroli	1.8	0.0	21.4	0.0	0.0	141.2	635.0	324.5	329.1	8.1	2.5	3.9	1199.0	1250.0	-4%
Gondia	2.9	0.0	27.1	0.0	0.0	218.2	408.7	181.1	304.6	12.1	16.9	15.2	621.0	868.7	-29%
Hingoli	0.0	0.0	25.8	0.0	0.9	44.8	371.4	87.9	234.0	6.4	89.5	3.4	828.1	920.6	-10%
Jalgaon	0.9	0.0	12.8	0.0	0.3	44.0	261.1	48.5	235.6	0.9	43.8	13.2	679.5	687.9	-1%
Jalna	4.2	0.0	18.6	0.0	0.3	60.3	186.1	49.6	186.7	1.8	93.6	28.7	487.3	629.8	-23%
Kolhapur	0.2	0.0	2.5	0.0	4.6	120.6	714.0	164.7	173.1	38.9	33.4	7.3	532.0	717.3	-26%
Latur	0.0	0.0	18.9	0.0	0.1	62.7	263.2	29.5	161.3	27.4	38.1	1.9	910.0	958.0	-5%
Nagpur	5.5	0.0	12.2	0.0	0.0	112.0	380.3	172.4	298.9	8.9	30.0	7.6	506.1	731.2	-31%
Nanded	0.0	0.0	15.4	0.0	0.1	49.1	527.2	99.0	220.9	3.2	60.7	0.9	489.0	610.2	-20%
Nandurbar	0.4	0.0	19.5	0.0	0.0	96.8	296.7	69.5	270.8	1.1	72.9	0.5	2727.1	2512.9	9%
Nasik	0.0	0.0	24.9	0.0	0.3	101.7	287.8	88.4	261.0	8.5	31.3	2.0	603.1	833.9	-28%
Osmanabad	0.1	0.0	7.5	0.0	0.7	32.5	227.8	27.4	143.1	23.0	29.0	15.1	3174.9	3297.4	-4%
Palghar	0.0	0.0	13.7	0.0	0.0	530.8	1497.0	216.5	429.7	5.8	33.6	0.0	976.6	897.2	9%
Parabhani	0.2	0.0	13.2	0.0	1.0	57.8	206.1	70.6	184.7	1.0	82.7	3.9	486.3	571.3	-15%
Pune	0.2	0.0	10.6	0.0	2.0	102.9	321.6	101.4	205.7	30.2	30.4	3.6	2801.3	2415.4	16%
Raigadh	0.0	0.0	12.6	0.0	0.0	461.3	1886.4	309.3	495.5	85.5	23.2	0.0	3273.8	3105.7	5%
Ratnagiri	0.0	0.0	0.6	0.0	0.4	437.9	1693.4	395.7	518.2	119.2	18.2	0.0	776.0	872.6	-11%
Sangli	0.5	0.0	2.4	0.0	1.9	35.1	168.2	33.9	112.6	38.5	72.1	22.2	460.6	651.8	-29%
Satara	0.2	0.0	8.5	0.0	2.6	105.6	358.8	97.1	122.4	49.2	26.8	4.9	3183.5	3602.7	-12%
Sindhudurg	0.0	0.0	0.0	0.0	3.7	462.7	1755.1	335.5	449.1	121.1	47.7	0.0	808.6	946.6	-15%
Solapur	0.3	0.0	4.7	0.0	0.2	30.3	183.1	20.6	136.4	38.9	36.4	9.7	984.9	908.0	8%
Thane	0.0	0.0	17.5	0.0	0.4	465.4	1492.7	274.7	493.7	12.5	44.5	0.0	661.1	724.8	-9%
Wardha	3.1	0.1	5.6	0.0	0.6	65.0	393.9	126.4	251.9	9.2	30.7	3.2	583.5	802.4	-27%
Washim	0.0	0.0	24.8	0.0	0.5	58.4	375.6	76.4	162.1	0.8	91.8	2.5	698.3	891.0	-22%
Yavatmal	0.5	0.0	12.3	0.0	0.1	59.3	534.7	103.0	226.7	3.1	57.0	3.1	1467.4	1430.8	3%
State	1.2	0.0	14.0	0.0	0.6	135.0	527.8	124.7	249.2	20.5	45.9	7.7	1126.8	1229.2	-8%

Table 3.2 District wise Actual and Normal Rainfall (Monsoon and Non Monsoon)

District	Monsoon		Non-Monsoon	
	Actual (mm)	Normal (mm)	Actual (mm)	Normal (mm)
Ahmednagar	419.3	443.7	58.4	131.1
Akola	503.7	699.9	121.4	78.1
Amravati	663.0	882.2	143.3	105.6
Aurangabad	525.3	541.3	0.3	52.1
Beed	455.4	573.8	145.0	118.6
Bhandara	1142.0	1174.2	0.0	147.2
Buldhana	651.4	684.2	161.9	77.7
Chandrapur	1150.6	1129.4	0.0	147.2
Dhule	437.4	623.8	61.3	24.5
Gadchiroli	1310.1	1120.6	0.0	0.0
Gondia	1120.0	1333.6	0.0	158.3
Hingoli	765.9	859.8	0.0	120.2
Jalgaon	596.6	616.0	83.9	61.8
Jalna	485.3	637.9	122.3	49.1
Kolhapur	1249.4	1609.9	0.0	119.4
Latur	496.9	701.8	187.3	0.0
Mumbai	2425.6	2094.5	73.9	110.5
Mumbai Sub	2795.4	2088.7	41.6	106.3
Nagpur	951.9	989.6	208.4	145.1
Nanded	865.2	915.5	0.0	133.2
Nandurbar	631.2	882.7	0.0	30.6
Nashik	437.9	610.6	50.1	72.8
Osmanabad	326.6	551.2	120.9	83.3
Palghar	2718.5	2327.1	0.0	76.3
Parbhani	642.3	527.6	14.8	62.6
Pune	743.6	770.7	0.0	42.1
Raigad	3303.0	3303.0	0.0	0.0
Ratnagiri	3118.5	3314.7	129.1	245.3
Sangli	317.3	431.8	34.0	184.8
Satara	551.6	594.1	42.2	103.6
Sindhudurg	3110.1	3553.5	0.0	276.4
Solapur	400.1	556.7	114.2	85.0
Thane	2645.4	2406.6	0.0	96.4
Wardha	838.8	927.3	48.1	120.5
Washim	668.4	821.9	119.8	80.8
Yavatmal	947.5	865.0	161.3	146.9
State	1085.3	1144.9	62.0	99.5

CHAPTER 4

HYDROGEOLOGICAL SETUP OF STATE

The most important rock types of Maharashtra State are basaltic lava flows (Deccan Traps), which occur over an area of ~2,49,934 sq km (81.2 % of geographical area). It is spread all over the state except in Bhandara and Gadchiroli districts. Other major geological formations are Archeans, 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-4.1**. Hydrogeological map is presented in **Fig.4.1**. Geology of Maharashtra is shown in **Plate IV**.

Table 4.1: Hydrogeological units in Maharashtra and their Ground Water Potential

Age	Stratigraphic Unit	Rock Formations	Occurrence and Hydrogeological Characters
Pleistocene	Beach Deposits (Coastal Beach Sands)	Sand, Semi-Consolidated Sand and Rock 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.
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.

Age	Stratigraphic Unit	Rock Formations	Occurrence and Hydrogeological Characters
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	Vindhya, Cuddapahs, 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.

4.1 Unconsolidated Group

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

- 1. 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.
- 2. 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.
- 3. 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.

1.2 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.

- 1 **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.
- 2 **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.
- 3 **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.

4.3 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 Vindhya, Cuddapahs, and Kaladgis, and 3) Crystallines (Dharwar, Iron Ore series, Saucer series, other Archean Complexes)

- 1 **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-4.2**. 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-4.2: 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, Dharashiv, districts.
V	Basalt flows with intertrappean sediments but with neither intrusive dykes nor ash beds; low permeability.	Amravati, Wardha, Yavatmal, Chandrapur and Nagpur districts.

- 2 **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.
- 3 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.
- 4 **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 joint.

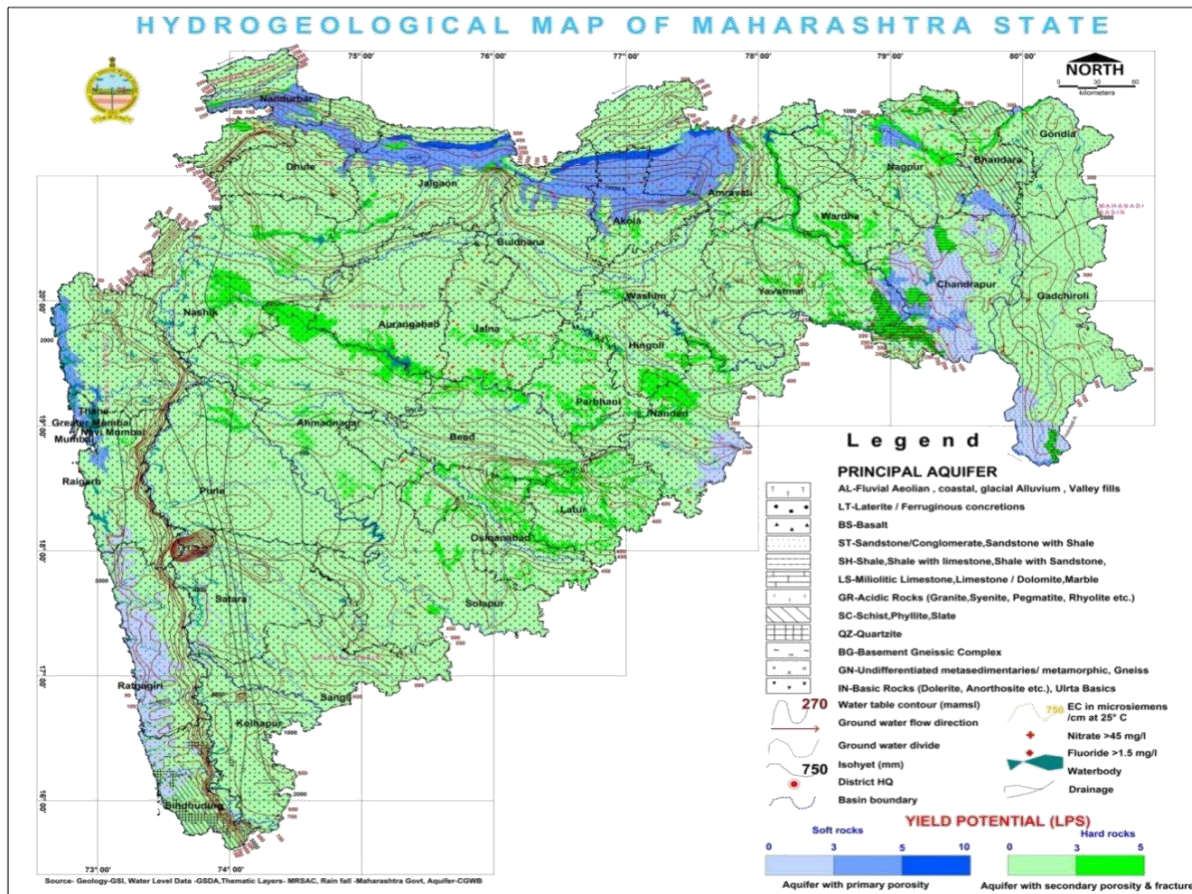


Fig 4.1: Hydrogeological map of Maharashtra

CHAPTER 5

GROUND WATER LEVEL SCENARIO IN THE STATE

Groundwater level is one of the basic data elements, which reflects the groundwater regime in an area. Central Ground Water Board (CGWB) monitors groundwater levels four times a year during January, April/ May, August and November through a network of fixed observation wells spreading throughout the country. The primary objective of monitoring the groundwater level is to record the response of groundwater regime to the natural and anthropogenic stresses on recharge and discharge components which are governed by geology, climate, physiography, land use pattern and hydrologic characteristics. Natural conditions affecting the regime include climatic parameters like rainfall, evapotranspiration etc. Anthropogenic influences include pumpage from the aquifer, recharge due to irrigation systems and other practices like waste disposal etc. Water level data generated and archived by CGWB along with data from State Government departments have been used for assessment of groundwater resources. An outline of groundwater scenario during the period of assessment is given below.

5.1 Groundwater Level Scenario (2023)

Groundwater level data of pre-monsoon 2023 for the Maharashtra reveals that the During pre-monsoon season of 2023, depth to water level in unconfined aquifer (Dug Well zone) ranges from 0.1 to 51 m bgl, shallowest in Kamshet, Pune district and deepest in Faizpur Jalgaon district (**Fig.5.1**). Shallow water levels of < 2 m bgl are observed in 4.48 % of wells (2950.64 km²). In 26.27 % wells covering ~58,838.57 km² area have shown water levels in the range of 2-5 m bgl. Water levels in the range of 5-10 m bgl are more predominant and covers ~1,94,963.65 km² (49.97 % of wells). In ~17.8% wells, water levels are in the range of >10 m bgl falling in northern part of the 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

The groundwater level data for post-monsoon 2023 indicates that during post-monsoon season of 2023, depth to water level in unconfined aquifer (Dug Well zone) ranges depth to water level in unconfined aquifer (Dug Well zone) ranges from 0.1 to 48.9 m bgl, shallowest in Beed & Pune district district and deepest in Faizpur Jalgaon district. Shallow water levels of < 2 m bgl are observed in 16.29 % of wells (20,748.81 km²). In 42.62 % wells covering ~1,44,731 km² area have shown water levels in the range of 2-5 m bgl. Water levels in the range of 5-10 m bgl are more predominant and covers ~1,20,378.41 km² (31.16 % of wells). In ~9.93 % wells, water levels are in the range of >10 m bgl falling in northern part of the northern part of State covering Tapi and Purna River basins in parts of Nandurbar, Dhule, Jalgaon, Buldhana, Akola, Amravati districts and in major parts of all districts of Marathwada region. Parts of Nashik, Ahmednagar, Ratnagiri, Sindhudurg, Chandrapur, Gadchiroli, Washim, Nagpur, Bhandara, Gondia, Yavatmal, Satara, Sangli and Solapur districts. (**Fig. 5.2**)

5.1.0 Fluctuation of Groundwater Level:

Comparison of Pre-monsoon 2023 to Pre-monsoon 2022

A comparison of depth to water level of Pre-monsoon 2023 with Pre-monsoon 2022 (**Fig. 5.3**) indicates that 55.20% of the total analyzed wells tapping phreatic aquifers show rises in water level whereas 43.24 % wells show decline in water level. 1.56% wells show no change. Rise and fall in water level are primarily in the 0 to 2 m, 2-4 m and >4 m range. The declining groundwater level is prominently observed in the parts of districts of Gadchiroli, Chandrapur, Jalagaon, Aurangabad, latur, Osmanabad, Solapur, Kolhapur, Sindhudurg, Ratnagiri, Raigad, Palghar and

Nashik. The rising groundwater level is observed in the parts of districts of Gondia, Bhandara, Nagpur, Wardha, Amravati, Yavatmal, Hingoli, Nanded, Parbhani, Jalna, Ahmednagar, Dhule, Thane and Satara.

Comparison of November 2023 to November 2022

A comparison of the depth to water level in November 2023 with November 2022 (**Fig. 5.4**) reveals that 33.88% of the total analyzed wells tapping phreatic aquifers showed a rise in water level, while 64.67% of wells showed a decline in water level. Only 1.45% of wells showed no change. The rise and decline in water levels were mainly in the range of 0 to 2, 2-4 m and >4 m. The rise in water level was notably observed in the scattered areas of states of Gadchiroli, Bhandara, Chandrapur, Nagpur, Amravati, Hingoli, Nanded, Nandurbar, Palghar, Raigad, Satara, Ratnagiri, Sindhudurg. Groundwater levels have decreased in various areas of all states in a scattered pattern, with more significant decreases observed in districts such as Akola, Buldhana, Yavatmal, Parbhani, Hingoli, Nanded, Beed, Aurangabad, Jalna, Jalgaon, Ahmednagar, Nashik, Raigad and Sangli district.

Comparison of Pre-Monsoon 2023 with decadal mean of Pre-Monsoon (2013 to 2022)

The comparison of the decadal water level fluctuations with the mean of pre-monsoon (2013 to 2022) and pre-monsoon 2023 (**Fig. 5.5**) shows that 73.63% of the analyzed wells have experienced a rise in water levels, while 26.18% have shown a decline. Only 0.19% of the wells have shown no change. The rise and decline in water levels are primarily in the 0-to-2-meter range. The rise in water levels is prominently seen in the parts of districts of Raigad, Pune, Satara, Kolhapur, Ratnagiri, Nanded, Yavatmal, Wardha, Aurangabad, Amravati, Nashik, Nandurbar, Chandrapur, Gadchiroli and Gondia districts. A significant rise of more than 4 m is observed in small isolated parts in Nashik, Amravati, Parbhani, Nanded, Latur, Nandurbar, Pune, Aurangabad, Satara and Jalna Districts. Similarly, states where a decline in water levels is prominently observed include significant parts of Gadchiroli, Nagpur, Nandurbar, and Kolhapur.

Comparison of Post-Monsoon 2023 with decadal mean of Post-Monsoon (2013 to 2022)

A comparison of decadal water level fluctuation with mean of post-monsoon (2013 to 2022) and postmonsoon 2023 (**Fig. 5.6**) indicates that 48.43% of the analysed wells show rise in water level whereas 51.22% wells show decline in water level. Only 0.36% of the wells have shown no change. Rise and decline in water level are primarily in the 0 to 2 m range. Rise in water level is prominently seen in the districts of Bhandara, Nagpur, Amravati, Akola, Buldhana, Aurangabad, Ahmednagar, Raigad, Satara, Ratnagiri and Kolhapur. Similarly, states where a decline in water levels is observed include significant parts of Gadchiroli, Jalgaon, Dhule, Nashik, Jalna, Beed, Osmanabad, Solapur, Nashik, Palghar, Thane and Pune.

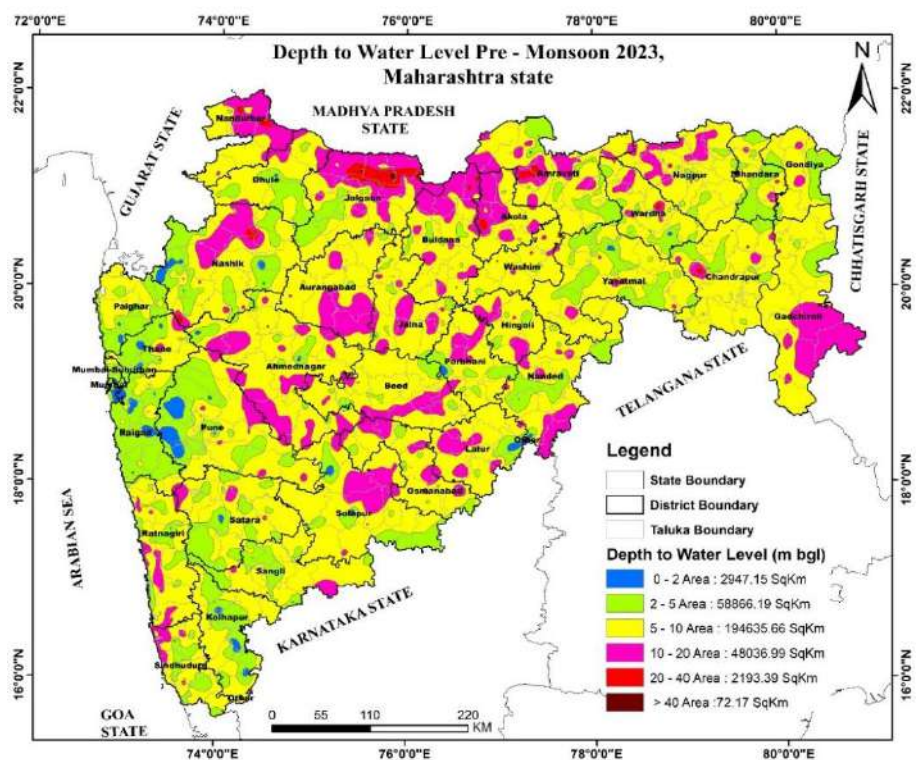


Fig-5.1: Pre-monsoon Depth to Water Level Map (2023)

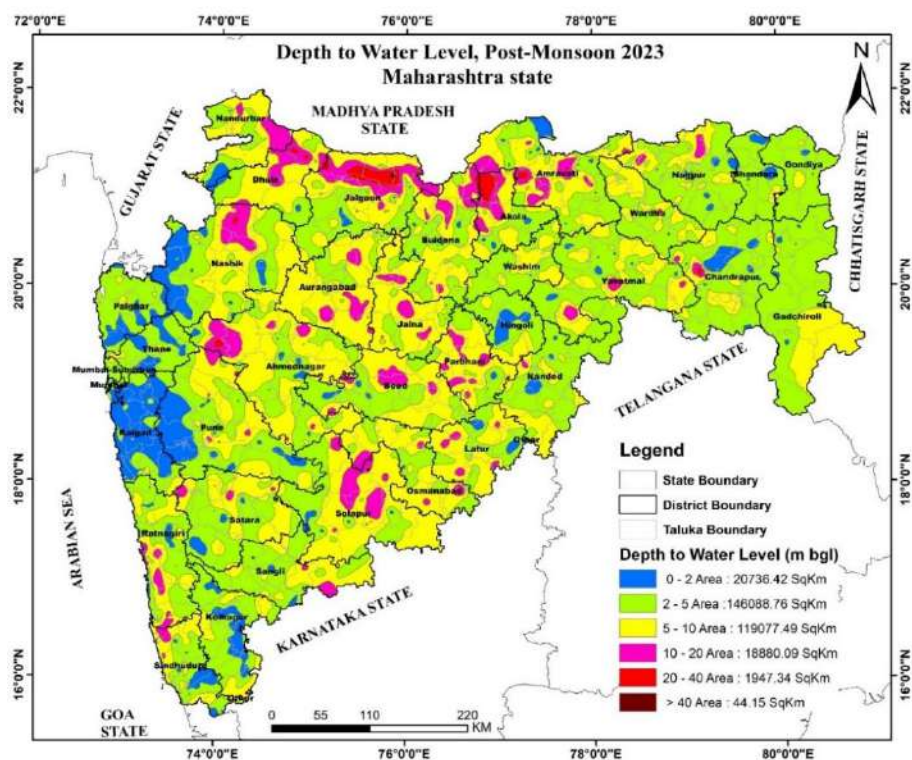


Fig-5.2: Post-monsoon Depth to Water Level Map (2023)

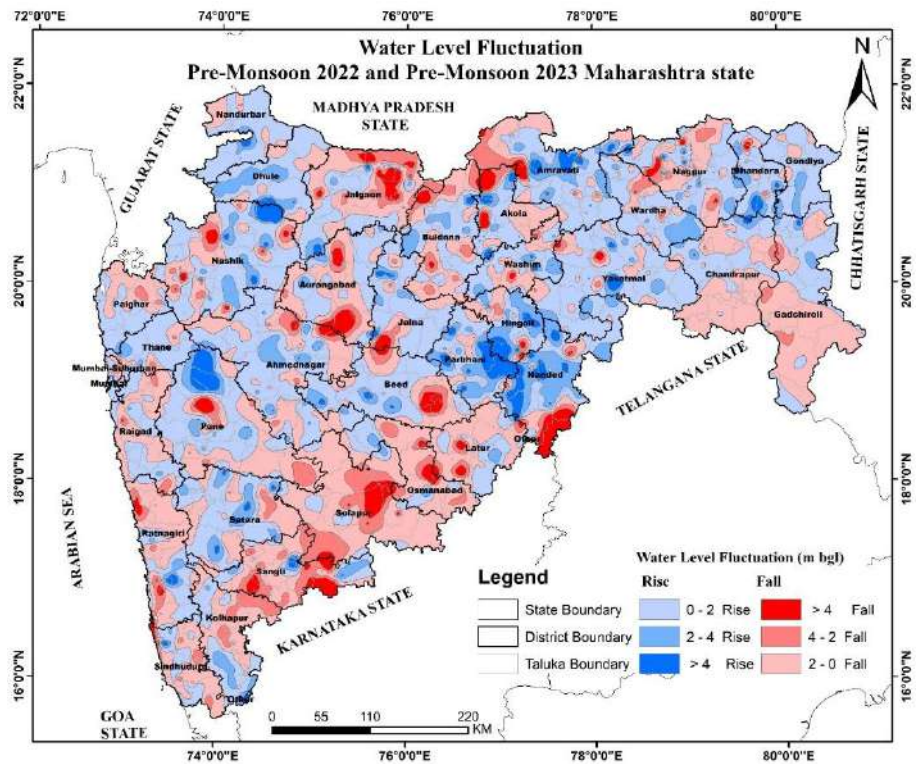


Fig-5.3: Groundwater Level Fluctuation: Pre-monsoon 2023 compared to Pre-monsoon 2022

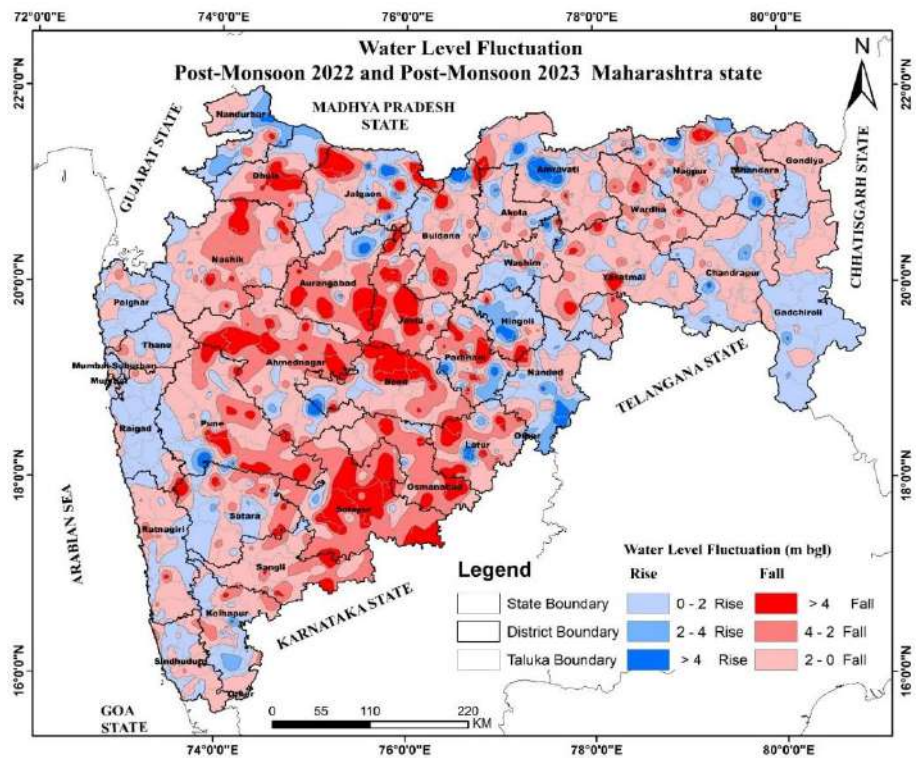


Fig-5.4: Groundwater Level Fluctuation: November 2023 compared to November 2022

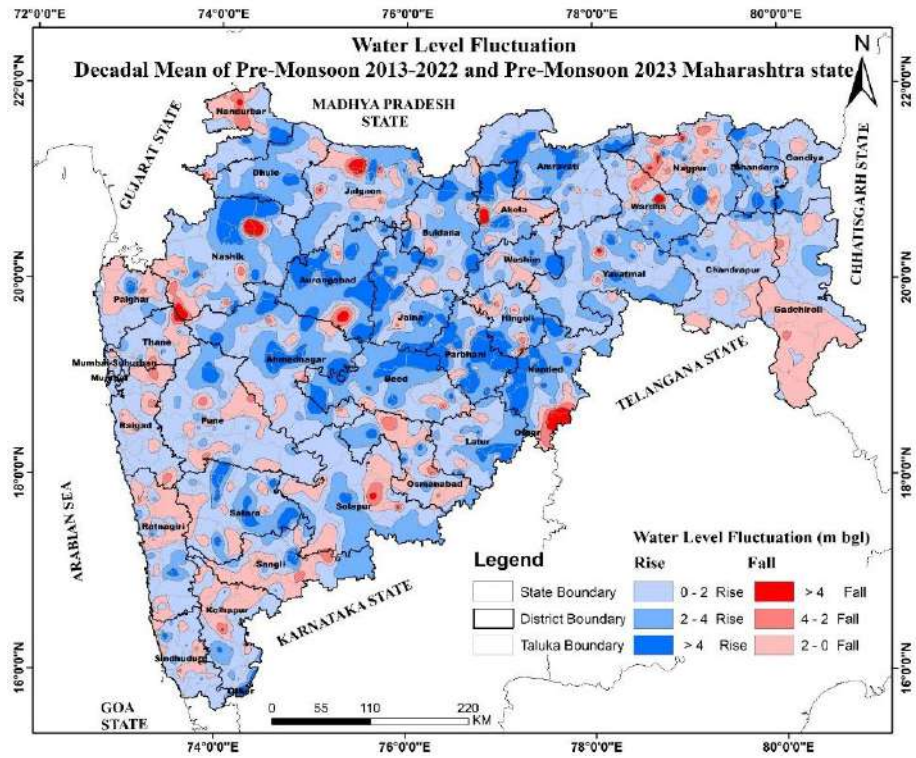


Fig-5.5: Decadal water level fluctuation with mean Pre-Monsoon (2013 to 2022) and Pre-Monsoon 2023

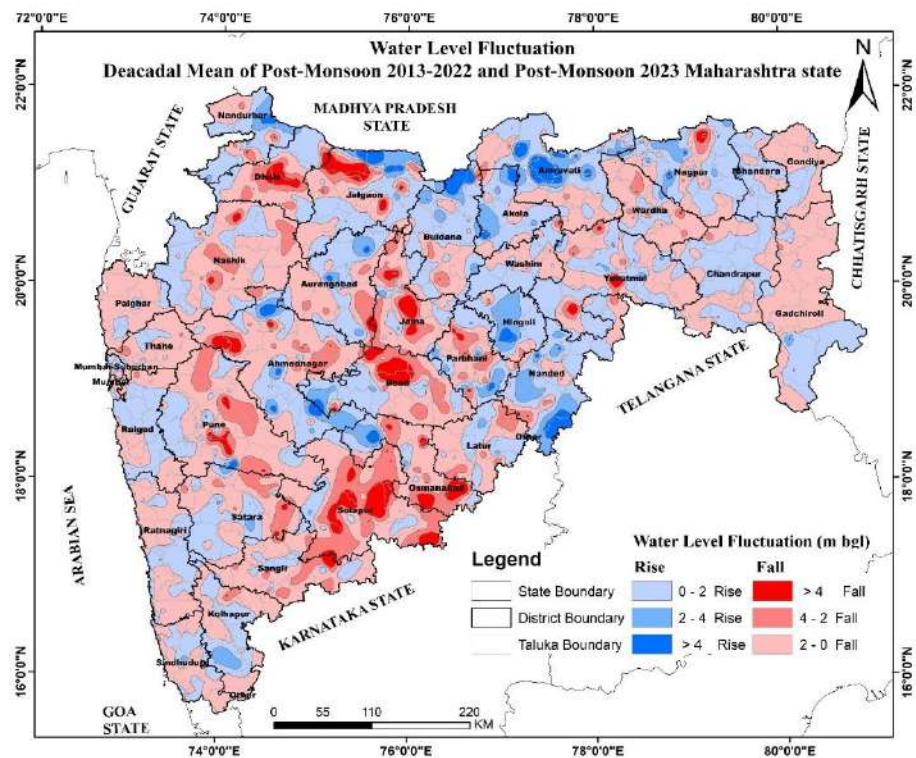


Fig-5.6: Decadal water level fluctuation with mean Post-Monsoon (2013 to 2022) and Post-Monsoon 2023

CHAPTER 6

GROUND WATER RESOURCES OF MAHARASHTRA

The Dynamic ground water resources (as in 2024) of Maharashtra have been assessed jointly by CGWB and State Ground Water Departments under the supervision of the State level Committee. The Dynamic ground water resources are also known as Annual Ground Water Recharge, since it gets recharged every year from rainfall and other secondary sources such as applied irrigation water, surface water bodies, water conservation structures, etc. Methodology adopted for the assessment has been outlined in Chapter-2 of this report. This section provides a summary of the Ground water Resources Assessment 2024 (GWRA-2024) made for the country.

6.1 DYNAMIC GROUND WATER RESOURCES

Groundwater resources have been assessed watershed-wise in the State and subsequently apportioned to the taluk level. For the current year, groundwater resource assessment has also been carried out for 6 urban areas, including Nagpur City (District Nagpur), Pune City (District Pune), Mumbai (District Mumbai), Andheri, Kurla, and Borivali (District Mumbai Suburban). This brings the total number of assessment units to 359 (Talukas). The Annual Ground water resources for State have been estimated as 33.03 bcm and Annual Extractable Ground Water Resources is 31.15 bcm. The Annual Ground Water Extraction is 16.50 bcm (**Fig 6.1**) and Stage of Ground Water Extraction is 52.99%. Ground Water Resources availability, utilization and stage of extraction (as in 2024) of Maharashtra given in **Annexure- I**

Rainfall recharge during monsoon and non-monsoon period is the major contributor of total annual groundwater recharge of Maharashtra, which is 21.42 bcm. Total Groundwater recharge in monsoon season which includes Recharge from rainfall and from other sources is 23.45 bcm and in non-monsoon season is 9.58 bcm. 'Other sources' viz. canal seepage, return flow from irrigation, recharge from tanks, ponds and water conservation structures taken together. (**Fig-6.2 & 6.3**). However, for few talukas of Dhule, Gadchiroli, Latur, Mumbai, Mumbai sub urban, Palghar, Raigad and Thane districts the rainfall recharge during non-monsoon season is zero. This is because in these districts the areas are receiving rainfall less than 10 % of normal monsoon rainfall and hence rainfall recharge is ignored as per the GEC-2015 norms. District-wise Ground Water Resources availability, utilization and stage of extraction (as in 2024) given in **Annexure- II**.

In the absence of non-availability of the base flow data, the Natural Discharge is computed as per the GEC-2015 norms for the sub-units. Within a district there is a variation in the natural discharge (either 5 % or 10 %). It is because in most of the watersheds the recharge has been computed by the WTF method but where there is difference in PD factor the computations are done by RIF.

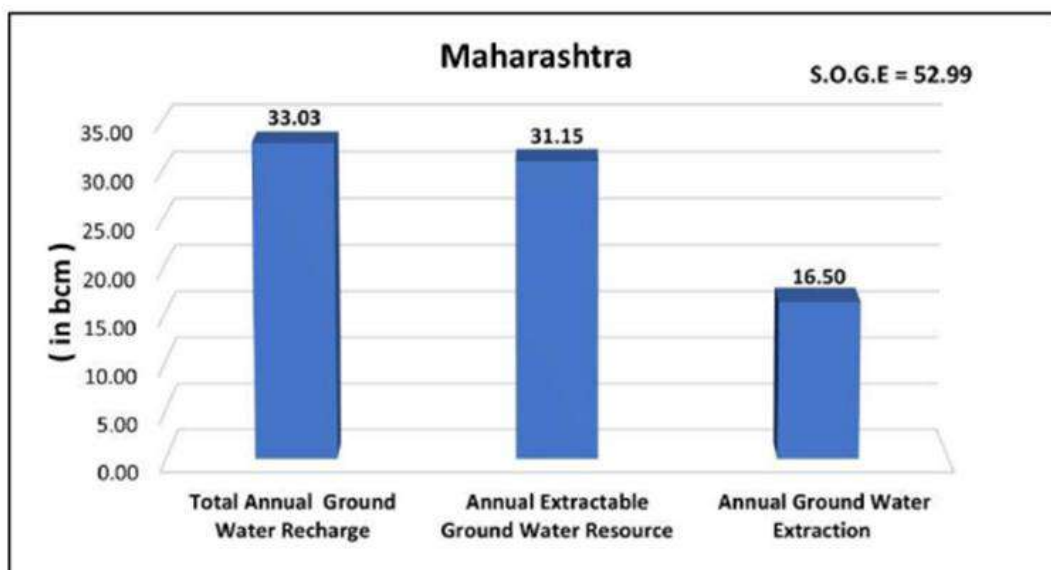


Fig. 6.1 Ground Water Resources of Maharashtra 2024

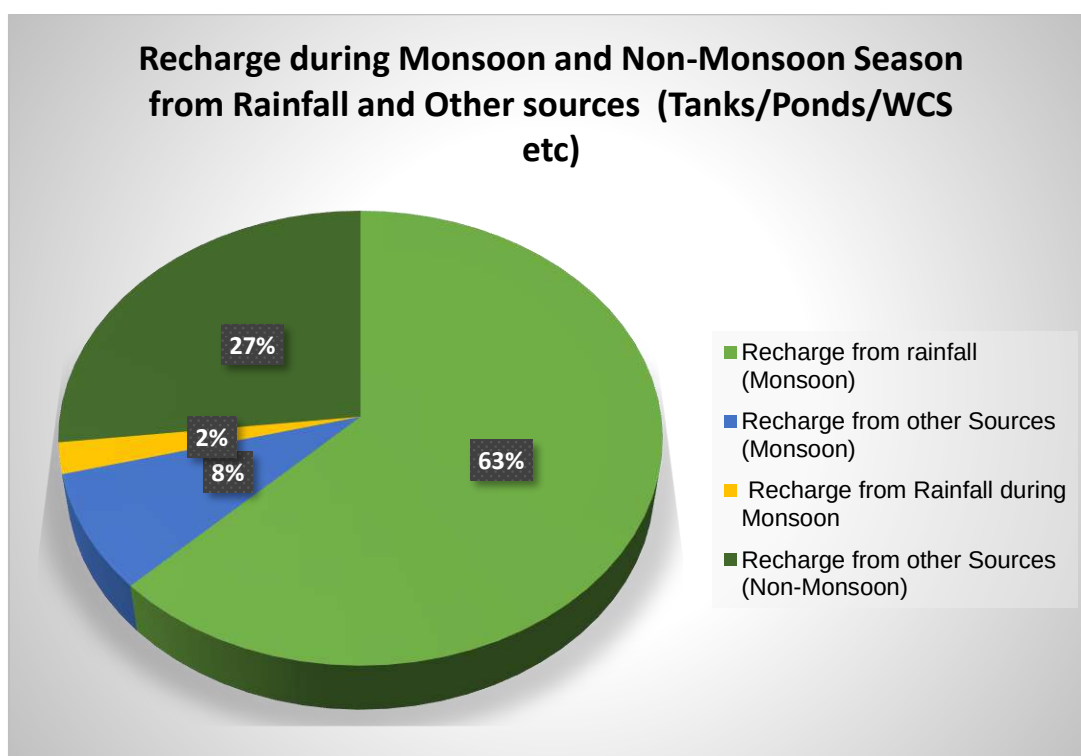


Fig. 6.2 Ground Water Recharge during Monsoon and Non-Monsoon Season from Rainfall and Other sources (Tanks/Ponds/WCS etc)

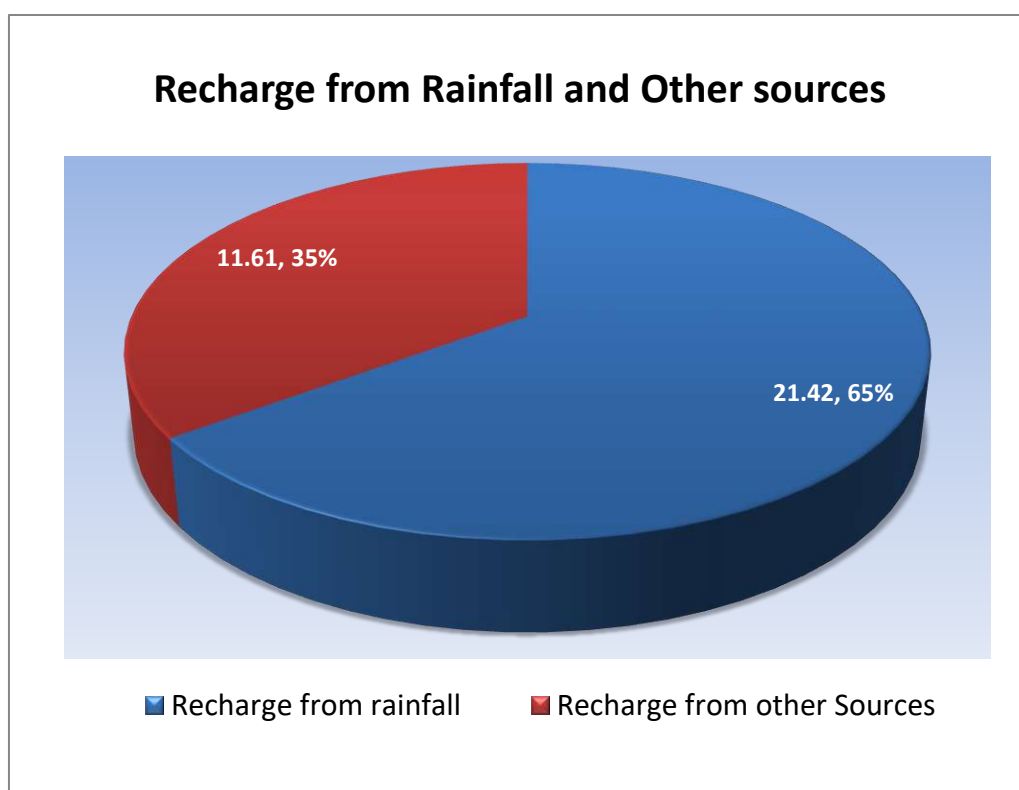


Fig. 6.3 Ground Water Recharge from Rainfall and Other sources

The over-all scenario of ground water resource and extraction in the state is given in **Fig-6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7 & 6.8.**

6.2 ANNUAL TOTAL GROUND WATER EXTRACTION

The assessment of ground water extraction is carried out considering the Minor Irrigation Census data and sample surveys carried out by the State Ground Water Departments. The Total Annual Ground Water Extraction of the Maharashtra for the year 2024 has been estimated as 16.50 BCM. The agriculture sector is the largest consumer of groundwater resources, accounting for 91.3% of the total annual groundwater extraction, which amounts to 15.07 bcm. The domestic use accounts for 8.5% (1.40 bcm), while industrial use represents 0.1% (0.03 bcm) of total annual groundwater extraction of the Maharashtra. (**Fig-6.4**)..

6.3 STAGE OF GROUND WATER EXTRACTION

The overall stage of groundwater extraction of Maharashtra state is 52.99 %. The State/UT wise distribution of Stage of Groundwater Extraction is as follows:

1. Stage of Groundwater Extraction > 100%: Nil
2. Stage of Groundwater Extraction > 90% to 100%: Nil
3. Stage of Groundwater Extraction > 70% to 90%: Ahmednagar, Amravati, Buldhana, Jalgaon, Solapur
4. Stage of Groundwater Extraction < 70%: Akola, Aurangabad, Beed, Bhandara, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalna, Kolhapur, Latur, Mumbai, Mumbai Sub,
5. Nagpur, Nanded, Nandurbar, Nashik, Osmanabad, Palghar, Parbhani, Pune, Raigad, Ratnagiri, Sangli, Satara, Sindhudurg, Thane, Wardha, Washim, Yawatmal.

6.4 CATEGORIZATION OF ASSESSMENT UNITS

Out of 359 assessment units (taluks), 8 units (2.2%) have been categorized as 'Over-exploited', 7 units (1.9 %) as 'Critical', 41 units (11.4 %) as 'Semi-critical' and remaining 302 assessment units (84.1 %) as 'Safe' and 1 unit (0.28 %) as 'Saline'. Similarly, out of 260349.01 sq. km recharge worthy area of the State, 6333.63 sq. km (2.43 %) area is under 'Over-Exploited', 7709.543 sq. km (2.96 %) under 'Critical', 40751.55 sq. km (15.65 %) under 'Semi-critical', 204777.39 sq. km (78.65 %) under 'Safe' and 776.89 sq. km (0.30 %) area under 'Saline' categories of assessment units. Out of total 31147.44 mcm annual extractable ground water resources of the State, 715.28 mcm (2.30 %) are under 'Over-exploited', 902.27 mcm (2.90 %) under 'Critical', 4317.33 mcm (13.86 %) under 'Semi-critical' and 25212.56 mcm (80.95 %) are under 'Safe' categories of assessment units. The State-wise and District-wise numbers of assessment units under different categories are given in **Annexure III (A) and Annexure III (B), Annexure III (C) and Annexure III (D)** respectively. State-wise and District-wise details are given in **Annexure III (E) and Annexure III (F)** respectively.

The State-wise name of the assessment units under Over-exploited, Critical and Semi-critical categories and Quality problems in assessment units are given in **Annexure IV (A), Annexure IV (B) and Annexure IV (C)** respectively.

6.5 COMPARISON WITH PREVIOUS ASSESSMENT

As compared to 2023 assessment, the Annual Ground Water Recharge and annual extractable ground water resources in 2024 has increased marginally from 32.76 bcm to 33.03 bcm and 30.95 bcm to 31.15 bcm respectively and Annual Ground Water Extraction has decreased marginally from 16.66 bcm to 16.50 bcm in 2024. The Stage of Ground Water Extraction has also decreased marginally from 53.83% to 52.99%. The state wise summary of assessment units improved or deteriorated from 2023 to 2024 assessment and detailed comparison of categorization of assessment units from 2023 and 2024 are given in **Annexure V(A) and Annexure V (B)** respectively.

The Taluka wise and Watershade-wise total annual ground water recharge ,Ground Water Resources availability, utilization and stage of extraction of Maharashtra (as in 2024) given in **Annexure- VI, Annexure- VII & Annexure- VIII**

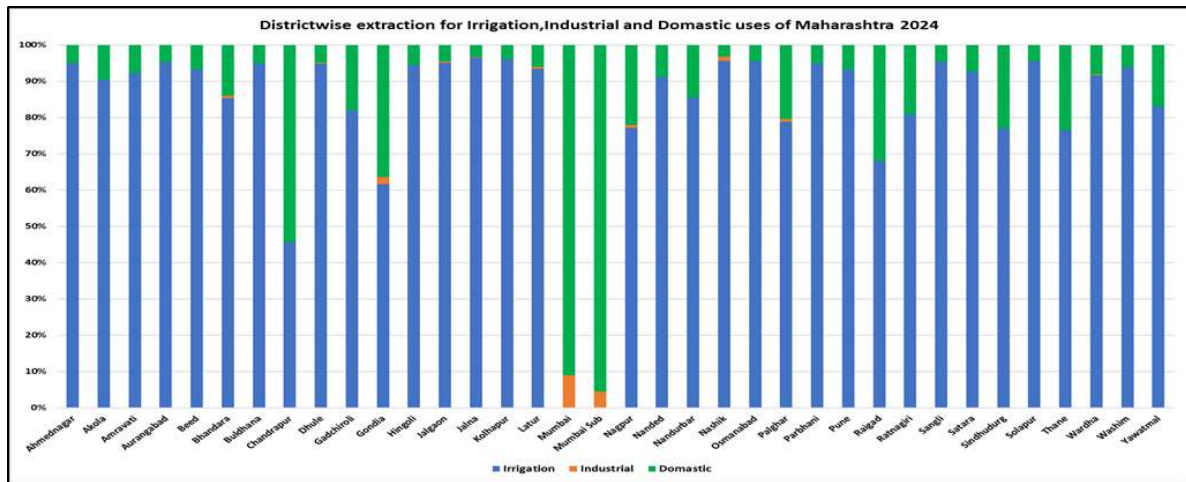


Fig 6.4 District wise GW extraction for Irrigation, Industrial and Domestic uses Maharashtra 2024

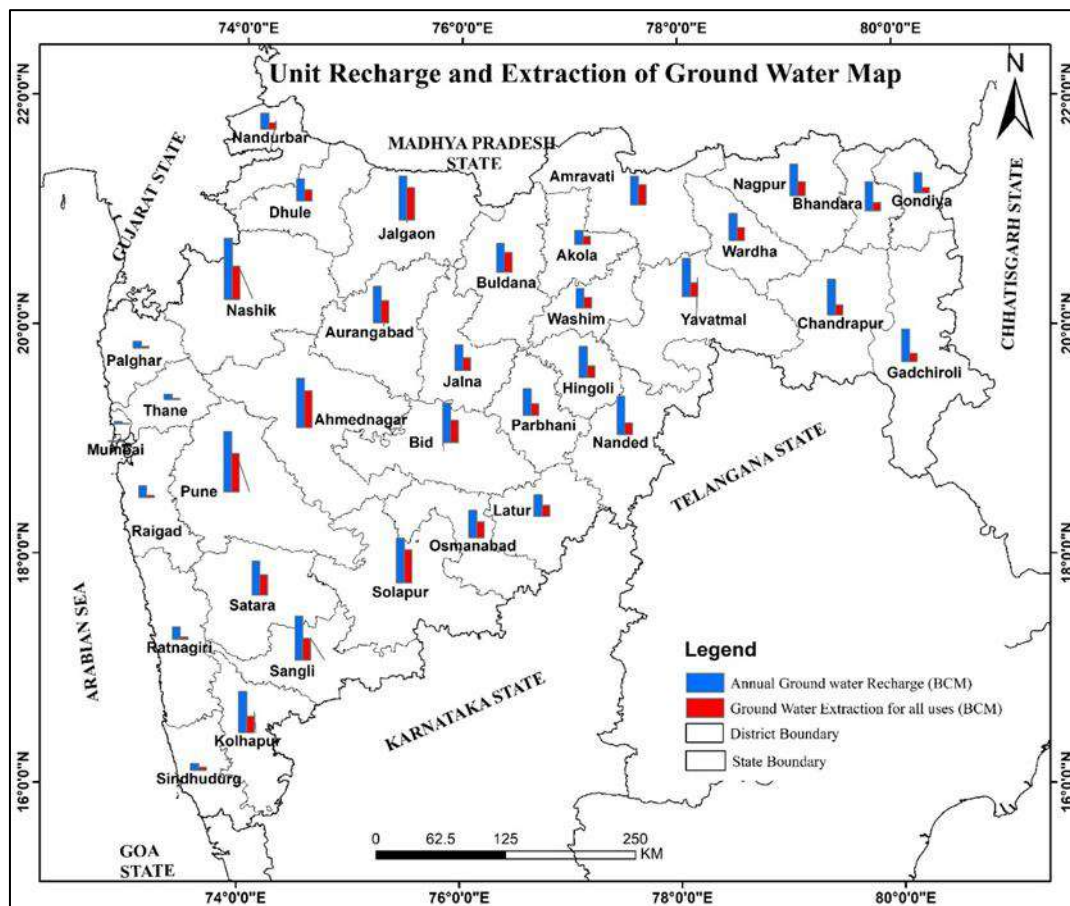


Fig 6.5 Unit Recharge and GW Extraction

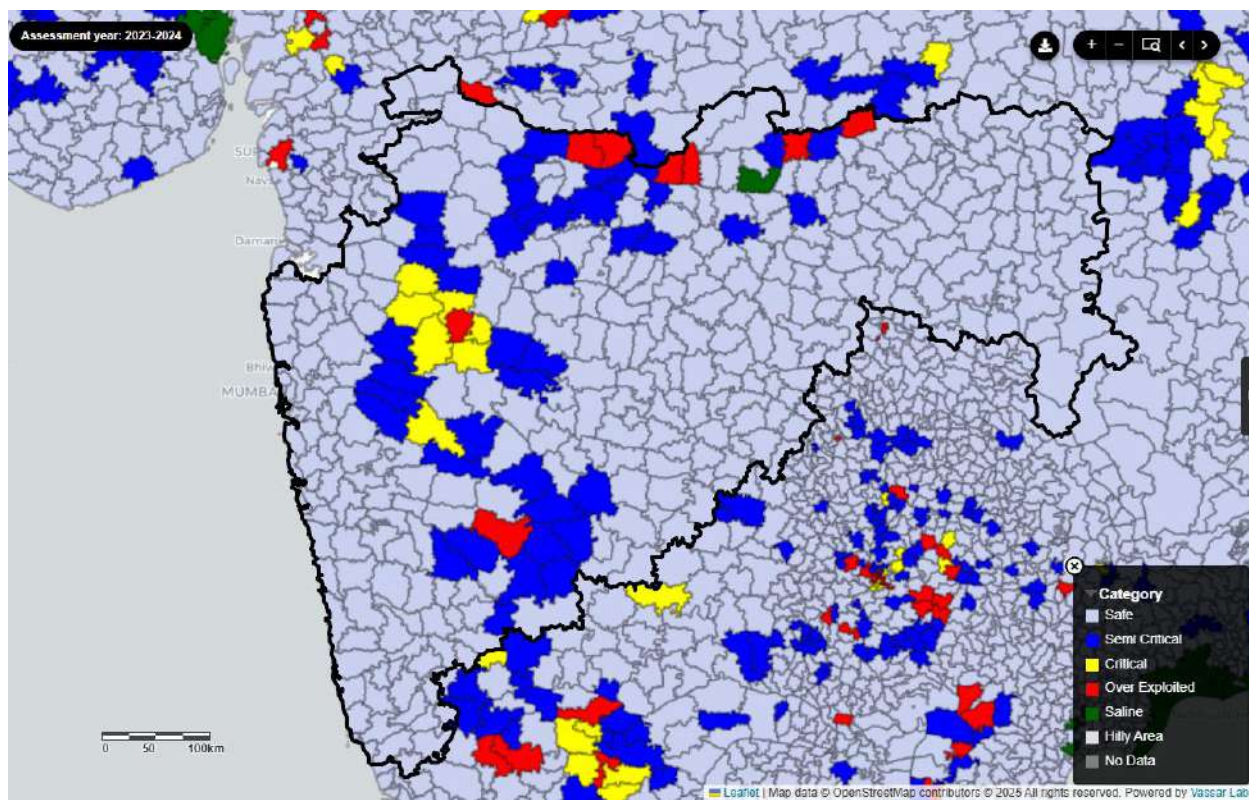


Fig 6.6 Categorization Map of Maharashtra GWRA, 2024 (Taluka)

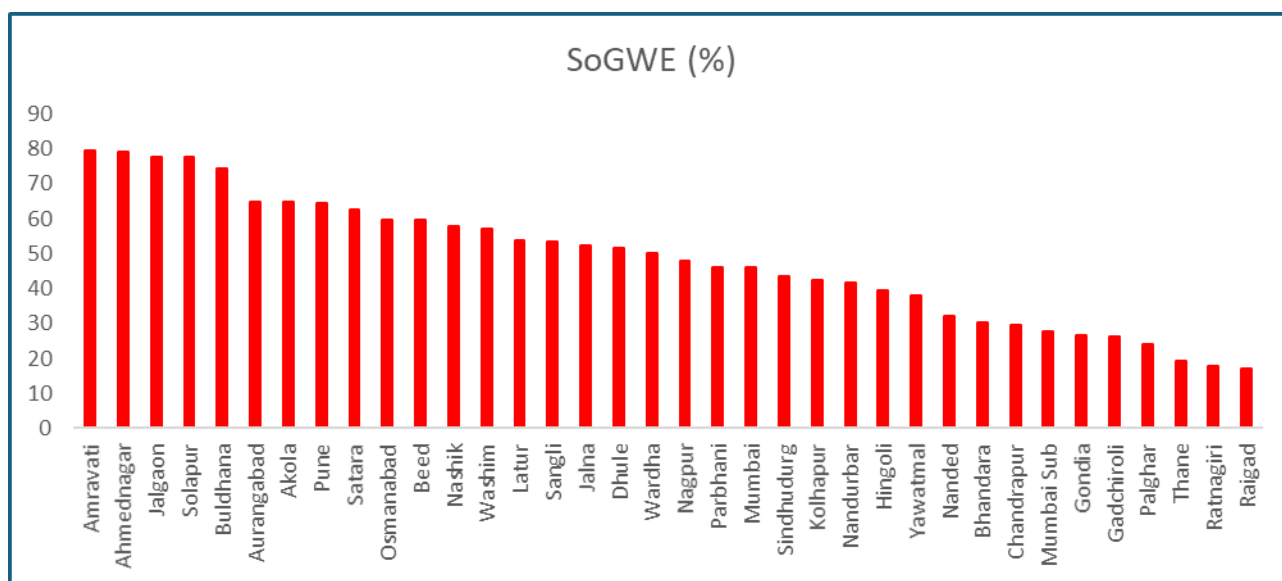


Fig 6.7 Bar Diagram of SoE of all the Districts in Decreasing order

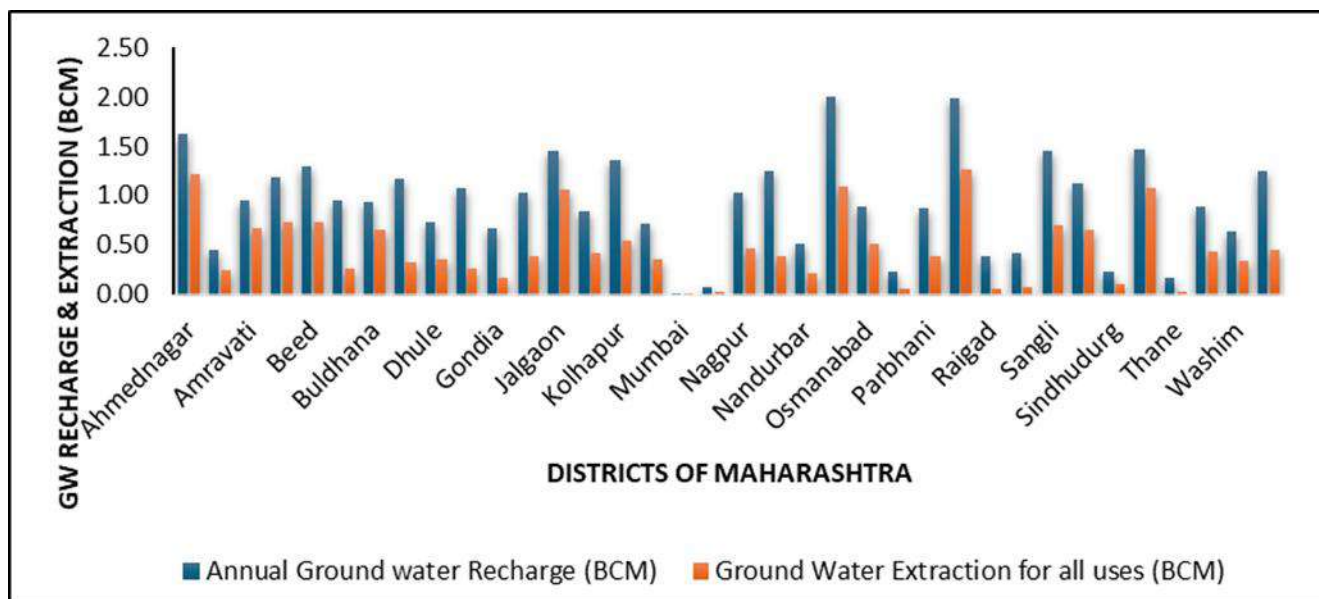


Fig 6.8 District Wise Recharge, Extraction figures in Decreasing order

CHAPTER 7

CONCLUSIONS

The Total Annual Ground Water Recharge in the State (2024) has been assessed as 33.03 billion cubic meters (bcm). Ground water resources are replenished through rainfall and other sources like return flow from irrigation, canal seepage, recharge from water bodies, water conservation structures etc. The main source of annual ground water recharge is rainfall, which contributes nearly 65% of the Total Annual Ground Water Recharge. The Total Annual Extractable Ground Water Resource of the State has been assessed as 31.15 bcm, after keeping a provision for natural discharge. The Annual Ground Water Extraction of the State (2024) is 16.50 bcm, the largest user being irrigation sector, which accounts for 91% of the total annual groundwater extraction. The Stage of ground water extraction for the entire State, which is the percentage of ground water extraction with respect to Annual Extractable Ground Water Recharge, has been computed as 52.99%. The extraction pattern of ground water is not uniform across the State, resulting in ground water stressed conditions in some parts of the State while in some other areas; ground water extraction has been sub-optimal.

Out of the total 1538 assessment units (Watersheds) in the State 55 units (4%) have been categorized as 'Over-Exploited', 19 units (1%) have been categorized as 'Critical', 221 units (14%) have been categorized as 'Semi-Critical' and 1239 units (81%) have been categorized as 'Safe' and 4 assessments units are categorized as 'Saline' as major part of the ground water in phreatic aquifers is brackish or saline.

Out of 359 assessment units (talukas), 8 units (2.2%) have been categorized as 'Over-exploited', 7 units (1.9 %) as 'Critical', 41 units (11.4 %) as 'Semi-critical' and remaining 302 assessment units (84.1 %) as 'Safe' and 1 unit (0.28 %) as 'Saline'. Similarly, out of 260349 sq. km recharge worthy area of the State, 6333.63 sq. km (2.43 %) area is under 'Over-Exploited', 7709.543 sq. km (2.96 %) under 'Critical', 40751.55 sq. km (15.65 %) under 'Semi-critical', 204777.39 sq. km (78.65 %) under 'Safe' and 776.89 sq. km (0.30 %) area under 'Saline' categories of assessment units.

As compared to 2023 assessment, the Annual Ground Water Recharge and annual extractable ground water resources in 2024 has increased marginally from 32.76 bcm to 33.03 bcm and 30.95 bcm to 31.29 and Annual Ground Water Extraction has decreased marginally from 16.66 bcm to 16.50 bcm in 2024. The Stage of Ground Water Extraction has also decreased marginally from 53.83% to 52.99% due to various supply side and demand side interventions taken by the government.

The major part of Maharashtra 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 deeper bore wells for drinking water supply. The occurrence of Ground water depends on rainfall pattern and weathered, fractured and jointed parts of the basalt formation. A major part 80% drinking water needs and 50% irrigation requirements depends on Groundwater Resource in the State of Maharashtra.

The total Annual Ground Water Recharge for the entire State, as in 2024 has increased by 0.3 bcm as compared to the last assessment (2023). The total Annual Extractable GW Resources has also increased by 0.23 bcm. The Annual Ground Water Extraction for irrigation, domestic and Industrial uses has decreased by 0.17 bcm during this period. These variations are attributed mainly to refinement of parameters, refinement in well census data and changing ground water regime and various ongoing schemes to enhance Ground water recharge and adopt efficient

irrigation practices to reduce dependency on Ground water. The Stage of Ground Water Extraction in the State has decreased from 53.74% to 52.99%. It is advisable to restrict the ground water extraction as far as possible to annual replenishable resources in the State for a sustainable usage of Ground water.

The present Ground water Resources Assessment was carried out based on GEC-2015 methodology, developed for prevalent Indian conditions, on the basis of terrain characteristics and data availability. "INDIA-GROUNDWATER RESOURCE ESTIMATION SYSTEM (INGRES)" is a Software/Web-based Application developed by CGWB in collaboration with IIT-Hyderabad. The software provides a common and standardized platform for Ground Water Resource Estimation for the entire country and its pan-India operationalization (Central and State Governments). The system takes 'Data Input' through Excel as well as Forms, computes various ground water components (recharge, extraction etc.) and classifies assessment units into appropriate categories (safe, semi-critical, critical and over-exploited). The Software uses GEC 2015 Methodology for estimation and calculation of Groundwater resources. It allows for unique and homogeneous representation of groundwater fluxes as well as categories for all the assessment units (AU) of the country. An analysis of assessment results leads us to the following inferences as the way forward in the assessment of Ground water resources.

1. CREATION OF DATABASE FOR GROUND WATER RESOURCES ASSESSMENT AND ITS REGULAR UPDATING

GEC 2015 has devised the data structure of all the data elements (like water level, rainfall etc) and norms (like Specific Yield, Rainfall Infiltration Factor etc.) with its name, type of data and its precision. The templates (Excel sheets) for data collection/compilation for assessment through INGRES using GEC 2015 has also been devised. However, major challenges are lack of dedicated manpower as well as presence of State GW/Nodal Departments (in majority of States) at District level for understanding/analysis of data/information to be collected/compiled from different State Departments (like Agriculture, Irrigation, Water Supply, Industries, Water Conservation etc.). Of particular importance in this regard are data/information related to recharge from water bodies, water conservation/harvesting structures, return flow from applied irrigation and details of ground water extraction structures in use for irrigation, domestic and industrial purpose. These need to be collected/compiled and regularly updated at district/block level so that more realistic assessment of ground water resources could be accomplished.

2. GROUND WATER ASSESSMENT OF DEEPER AQUIFER SYSTEMS

For assessment of deeper aquifers, more studies on individual aquifer potential/sustainable yield along with facilities for monitoring of piezometric heads (by establishing piezometers tapping different aquifer zones) have to be carried out. The resources of deeper aquifer systems could be considered for extraction during exigencies as well as for drinking water purpose for nearby regions.

3. AQUIFER-STREAM INTERACTIONS

Additional studies on aquifer-stream interactions are required to understand the contribution of ground water to streams and the requirement of environmental flows for sustainability of water resources and surrounding ecosystem.

4. GROUND WATER MODELLING AND PREDICTIVE SIMULATION

Besides the assessment of the dynamic ground water resources using norms prescribed in GEC 2015 methodology through automation, the concept of Ground water modelling must be included where predictive simulation can also be done. This would give an idea of the future availability of Ground water resources with respect to the changing climate and extraction patterns..

ENCLOSURES

State Level committee for
Estimation of Ground
water Resources as on
March 2022 based on GEC
2015 methodology.

Government of Maharashtra
Water Supply and Sanitation Department
Government Resolution No.: Bhujal-1822/C.R.29/WS-15

7th Floor, Gokuldas Tejpal Hospital Building Premises
Lokmanya Tilak Marg, Near Crawford Market, New Mantralaya ,Mumbai- 400 001
Date: 27 January, 2022

Read -

1. **Letter from Director, G.S.D.A. Pune No.:** भूसवियं/संविक/भूजल मुल्यांकन २०२१-२२/३८/२०२२ दि. १९ जानेवारी, २०२२
2. **Letter from Regional Director, CGWB, Central region Nagapur, Ministry of Water Resources, River Development and Ganga Rejuvenation No.:** 20/2/TS-16 dated- 05/01/2022

Introduction:-

In accordance with the directives received from the ministry of Jalshakti, Water Resources, River Development and Ganga Rejuvenation, Central Groundwater Board, Government of India, Nagpur vide letter dated- 05/01/2022, Re-assessment of Ground Water Resources for the year 2021-2022 has to be carried out based on a methodology recommended by "Ground Water Estimation Committee-2015 Methodology" (GEC-2015) jointly by CGWB and State Ground Water Department for the State of Maharashtra based on the current ground water data in view of the changes observed in the ground water scenario. The last assessment of annual replenishable ground water resources for the state of Maharashtra was carried out for the water year 2019-20 based on GEC-2015 Methodology. The National Water Policy, 2012 has also recommended that the ground water resources of the country should be re-assessed periodically.

In order to estimate Ground Water Resources of the State for year 2021-22 in accordance with GEC-2015 Methodology, a State Level Committee is required to be constituted as directed by Government of India.

Resolution:-

With the view to re-assess ground water resources for the water year 2021-22, the Government of Maharashtra has decided to constitute the State Level Committee (SLC) for re-assessment the Ground Water Resources for the year 2021-22 based on GEC-2015 Methodology for the State of Maharashtra with following composition:

Sr. No.	Designation	Designation in the Committee
1	Additional Chief Secretary/Principal Secretary, Water Supply And Sanitation Department, Government of Maharashtra Mantralaya, Mumbai-440001	Chairman
2	Principal Secretary, Rural Development and Water Conservation Government of Maharashtra Mantralaya, Mumbai-440 032	Member
3	Principal Secretary, Urban Development Department, Government of Maharashtra Mantralaya, Mumbai-440 032	Member
4	Commissioner Agriculture , Pune	Member
5	Commissioner Department of Industries, Opp. Mantralaya Mumbai	Member
6	Chief Engineer & Jt. Secretary Water Resources Department, Government of Maharashtra, Mumbai	Member
7	Commisioner, Groundwater Surveys and Development Agency, Pune	Member
8	Director, Maharashtra Remote Sensing Application Centre (MRSAC) Nagpur	Member
9	Director, Directorate of Municipal Administration (DMA) Worli, Mumbai	Member
10	Director, Soil Conservation & Watershed Development, Pune	Member
11	Chief Engineer, Minor Irrigation-Local Sector, Pune	Member

Sr. No.	Designation	Designation in the Committee
12	Chief Engineer, Maharashtra State Electricity Distribution Company Limited (MSEDCL) Mumbai	Member
13	General Manager NABARD, Pune	Member
14	Secretary, Maharashtra Water Resources and Regulatory Authority, (MWRRA), World Trade Centre, Mumbai	Member
15	Representative of Mahatma Phule Agricultural University, Rahuri	Member
16	Regional Director, Central Ground Water Board, Government of India, Nagpur	Member Secretary

The committee may co-opt any other member (s)/ special invitee (s), if necessary

(2) Terms of Reference:-

The broad terms of reference of the Committee would be as follows:

- 1) To re-assess annual replenishable ground water resources of the State of Maharashtra for the year 2021-22 in accordance with GEC-2015 Methodology.
- 2) To estimate the status of utilization of the annual replenishable ground water resource.
- 3) To submit the ground water resource estimates of the State to Central Level Expert Group (CLEG) after the approval of SLC for inclusion in National level report on assessment of ground water resources.
- 4) Any other aspect relevant to the terms referred to above.

3) Time Frame

The Committee will submit its report on or before 28-02-2023 to Government of India after the approval of SLC.

4) Expenditure

Expenditure on account of TA/DA to official Members of the SLC will be met from the source from which they draw their salaries.

This Government resolution of Maharashtra Government is available at the website www.maharashtra.gov.in. Reference no. for this is 202201271616087728. This Order has been signed digitally.

By Order and in the name of the Governor of Maharashtra.

**RAJENDRA
MAHADEV
GENGAJE**

(Rajendra Gengaje)

Deputy Secretary, Government of Maharashtra

Digitally signed by RAJENDRA MAHADEV GENGAJE
DN: c=IN, o=Government Of Maharashtra,
ou=WATER SUPPLY AND SANITATION
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st=Maharashtra,
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cn=RAJENDRA MAHADEV GENGAJE
Date: 2022.01.27 17:57:28 +05'30'

Copy forwarded to:

1. Chief Secretary to Government of Maharashtra, Mantralaya, Mumbai 400 032
2. Chairman, Central Ground Water Board, Bhujal Bhavan, NH-IV, Faridabad 121001.
3. Principal Secretary, Rural Development Department, Mantralaya, Mumbai 32.
4. Principal Secretary, Urban Development Department, Mantralaya, Mumbai 32.
5. Principal Secretary, Agriculture Department, Mantralaya, Mumbai 32.
6. Principal Secretary, Irrigation Department, Mantralaya, Mumbai 32.
7. Commissioner, Agriculture Department, Pune 411 001.
8. Commissioner, Department of Industries, New Administrative Building, Opposite Mantralaya, Mumbai - 400 032.
9. Chief Engineer & Jt. Secretary, Water Resources Department, Govt. of Maharashtra, Mantralaya, Mumbai.
10. Commissioner, Groundwater Surveys & Development Agency, Shivaji Nagar, Pune 411 005.
11. Director, Maharashtra Remote Sensing Application Centre (MRSAC), VNIT Campus, Nagpur.
12. Director, Directorate of Municipal Administration (DMA), Govt. of Maharashtra, Government Transport Service Building, Sir Pochakhanwala Road, Worli, Mumbai-30.
13. Director of Soil Conservation & Watershed Management, Central Building (3rd Floor), Pune.

14. The Chief Engineer, Irrigation Local Sector, 12, Jail Raod, Yerewada, Pune 411 006.
15. Chief Engineer, Maharashtra State Electricity Distribution Company Limited (MSEDCL), Prakashgad, Plot No. G-9, Bandra (East), Mumbai – 400 051.
16. General Manager, National Bank for Agriculture and Rural Development (NABARD), 54, Wellesley Road, Shivaji Nagar, Pune – 411005.
17. Secretary, Maharashtra Water Resources and Regulatory Authority, (MWRRA), 9th Floor, Centre, World Trade Centre, Cuffe Parade, Mumbai - 400 005.
18. Vice Chancellor, Mahatma Phule Agricultural University, Rahuri-413 722.
19. The Regional Director, Central Groundwater Board, New Secretariat Building, Civil Lines, Nagpur 440 001
20. The Select file Papu 15

State Govt. vide letter no. Bhujal-1822/C.R.29/WS-15, dated 15.07.2022, constituted The Permanent State Level Committee for Estimation of Ground Water Resources based on GEC-2015 Methodology

Constitution of Permanent
State Level Committee for
Estimation of Ground Water
Resources based on GEC-2015
Methodology

Government of Maharashtra
Water Supply and Sanitation Department
Government Resolution No.: Bhujal-1822/C.R.29/WS-15
7th Floor, Gokuldas Tejpal Hospital Building Premises
Lokmanya Tilak Marg, Near Crawford Market, New Mantralaya, Mumbai- 400 001
Date: 15 July, 2022

Read -

1. Letter from Regional Director, CGWB, Central region Nagpur, Ministry of Water Resources, River Development and Ganga Rejuvenation No.: 20/2/TS-16 dated- 05/01/2022
2. Letter from Director, G.S.D.A. Pune No.: भूसवियं/संविक/भूजल मुल्यांकन २०२१-२२/२५४/२०२२, दि. ३० मार्च, २०२२

Introduction:-

In accordance with the directives received from Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, Central Groundwater Board, Govt. of India, Nagpur vide letter no.No.20/2/TS-16, dated 05 January, 2022 and mail dated 24.03.2022, there-assessment the Ground Water Resources for the year 2021-22 and for subsequent regular and periodic assessment as per the directives issued by Ministry of Jal Shakti, Govt. of India from time to time has to be carried out based on a methodology recommended by "Ground Water Estimation Committee-2015Methodology" (GEC-2015) jointly by CGWB and State Ground Water Department for the State of Maharashtra based on the current ground water data in view of the changes observed in the ground water scenario. The last assessment of annual replenishable ground water resources for the state of Maharashtra was carried out for the water year 2019-20based on GEC-2015Methodology. The National Water Policy, 2012 has also recommended that the ground water resources of the country should be re-assessed periodically.

In order to estimate Ground Water Resources of the State in accordance with GEC-2015 Methodology, a Permanent State Level Committee is required to be constituted as directed by Government of India.

1) Resolution:

With the view to re-assess ground water resources for the State of Maharashtra, the Government of Maharashtra has decided to constitute the Permanent State Level Committee (SLC) for re-assessment the Ground Water Resources for the year 2021-22 and for subsequent regular and periodic assessment as per the directives issued by Ministry of Jal Shakti, Govt. of

India from time to time based on *GEC-2015 Methodology* for the State of Maharashtra with following composition:

1)	Additional Chief Secretary/Principal Secretary, Water Supply and Sanitation Department, Govt. of Maharashtra, G.T. Hospital Complex, Mumbai-440001.	Chairman
2)	Principal Secretary, Rural Development Department, Govt. of Maharashtra, Mantralaya, Mumbai-440 032.	Member
3)	Principal Secretary, Urban Development Department, Govt. of Maharashtra, Mantralaya, Mumbai-440 032.	Member
4)	Commissioner, Agriculture, Pune.	Member
5)	Commissioner, Department of Industries, Opp. Mantralaya, Mumbai.	Member
6)	Chief Engineer & Joint Secretary, Water Resources Department, Govt. of Maharashtra, Mantralaya, Mumbai.	Member
7)	Commissioner, Groundwater Survey and Development Agency, Pune.	Member
8)	Director, Maharashtra Remote Sensing Application Centre (MRSAC), Nagpur.	Member
9)	Director, Directorate of Municipal Administration (DMA), Worli, Mumbai.	Member
10)	Director, Soil Conservation & Watershed Development, Pune	Member
11)	Chief Engineer, Minor Irrigation - Local Sector, Pune.	Member
12)	Chief Engineer, Maharashtra State Electricity Distribution Company Limited (MSEDCL), Mumbai.	Member
13)	General Manager, NABARD, Pune.	Member
14)	Secretary, Maharashtra Water Resources and Regulatory Authority, (MWRRA), World Trade Centre, Mumbai.	Member
15)	Representative of Mahatma Phule Agricultural University, Rahuri	Member
16)	Regional Director, Central Ground Water Board, Government of India, Ministry of Jal Shakti, Department of Water Resources, River Development and Ganga Rejuvenation, Central Region, Nagpur.	Member Secretary

The Committee may co-opt any other Member (s) /special invitee (s), if necessary.

2) Terms of Reference: The broad terms of reference of the Committee would be as follows:

- 1) To re-assess annual replenishable ground water resources of the State of Maharashtra for the year 2021-22 and for subsequent regular and periodic assessment as per the directives issued by Ministry of Jal Shakti, Govt. of India from time to time in accordance with GEC-2015 Methodology.
- 2) To estimate the status of utilization of the annual replenishable ground water resource.

- 3) To submit the ground water resource estimates of the State to Central Level Expert Group (CLEG) after the approval of SLSC for inclusion in National level report on assessment of ground water resources.
- 4) Any other aspect relevant to the terms referred to above.
- 3) **Time Frame**

The Committee will submit its report on or before 30.09.2022 to Government of India after the approval of SLSC.

5) Expenditure

Expenditure on account of TA/DA to official Members of the SLC will be met from the source from which they draw their salaries.

This Government resolution of Maharashtra Government is available at the website www.maharashtra.gov.in. Reference no. for this is 202207151255463428. This Order has been signed digitally.

By Order and in the name of the Governor of Maharashtra.

**RAJENDRA
MAHADEV GENGAJE**

Digitally signed by RAJENDRA MAHADEV GENGAJE
DN: c=IN, o=Government of Maharashtra, ou=WATER SUPPLY AND
SANITATION DEPARTMENT, postalCode=400032, st=Maharashtra,
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489c3b401012b0b413, cn=RAJENDRA MAHADEV GENGAJE
Date: 2022.07.15 15:20:43 +05'30'

Deputy Secretary, Government of Maharashtra

Copy forwarded to:-

- 1) Chief Secretary to Government of Maharashtra, Mantralaya, Mumbai 400 032
- 2) Chairman, Central Ground Water Board, Bhujal Bhavan, NH-IV, Faridabad 121001.
- 3) Principal Secretary, Rural Development Department, Mantralaya, Mumbai 32.
- 4) Principal Secretary, Urban Development Department, Mantralaya, Mumbai 32.
- 5) Principal Secretary, Agriculture Department, Mantralaya, Mumbai 32.
- 6) Principal Secretary, Irrigation Department, Mantralaya, Mumbai 32.
- 7) Commissioner, Agriculture Department, Pune 411 001.
- 8) Commissioner, Department of Industries, New Administrative Building, Opposite Mantralaya, Mumbai - 400 032.
- 9) Chief Engineer & Jt. Secretary, Water Resources Department, Govt. of Maharashtra, Mantralaya, Mumbai.
- 10) Commissioner, Groundwater Surveys & Development Agency, Shivaji Nagar, Pune 411 005.
- 11) Director, Maharashtra Remote Sensing Application Centre (MRSAC), VNIT Campus, Nagpur.
- 12) Director, Directorate of Municipal Administration (DMA), Govt. of Maharashtra, Government Transport Service Building, Sir Pochakhanwala Road, Worli, Mumbai-30.
- 13) Director of Soil Conservation & Watershed Management, Central Building (3rd Floor), Pune.
- 14) The Chief Engineer, Irrigation Local Sector, 12, Jail Road, Yerewada, Pune 411 006.

- 15) Chief Engineer, Maharashtra State Electricity Distribution Company Limited (MSEDCL), Prakashgad, Plot No. G-9, Bandra (East), Mumbai – 400 051.
- 16) General Manager, National Bank for Agriculture and Rural Development (NABARD), 54, Wellesley Road, Shivaji Nagar, Pune – 411005.
- 17) Secretary, Maharashtra Water Resources and Regulatory Authority, (MWRRA), 9th Floor, Centre, World Trade Centre, Cuffe Parade, Mumbai - 400 005.
- 18) Vice Chancellor, Mahatma Phule Agricultural University, Rahuri-413 722.
- 19) The Regional Director, Central Groundwater Board, New Secretariat Building, Civil Lines, Nagpur 440 001
- 20) The Select file Papu 15

Enclosure-3

Minutes of the meeting of State Level Committee held on 04th October 2024 for approval of GWRE-2024

		
महाराष्ट्र शासन पाणीपुरवठा व स्वच्छता विभाग ७ वा माळा, गोकुलदास तेजपाल रुग्णालय संकुल, मंत्रालय, मुंबई ४०० ००१ E-mail: ws19-wssd@mah.gov.in		
प्र.क्र.- बैठक ०४२४ / प्र. क्र. ८८/पापु-१९		दिनांक: २१ नोव्हेंबर, २०२४
प्रति, प्रादेशिक संचालक, तथा सदस्य सचिव, केंद्रीय भूजल मंडळ, नवीन सचिवालय इमारत, सिव्हील लाईन्स, नागपूर		
विषय:- भूजल मुल्यांकनाकरिता मा. प्रधान सचिव (पाणी पुरवठा व स्वच्छता विभाग) यांच्या अध्यक्षतेखाली गठीत राज्यस्तरीय भूजल समन्वय समितीच्या (SLC) दिनांक ०४.१०.२०२४ रोजीच्या दुसऱ्या बैठकीचे इतिवृत्त संदर्भ:- १. आयुक्त, भूजल सर्वेक्षण आणि विकास यंत्रणा यांचे पत्र क्रमांक भूसवियं/ सर्विक /मंत्रा.पत्रव्य/५३२/२०२४, दिनांक ०५.११.२०२४		
महोदय, आपल्या उपरोक्त संदर्भांकित पत्रान्वये प्राप्त भूजल मुल्यांकनाकरिता मा.प्रधान सचिव (पाणी पुरवठा व स्वच्छता विभाग) यांच्या अध्यक्षतेखाली गठीत राज्यस्तरीय भूजल समन्वय समितीच्या (SLC) दिनांक ०४.१०.२०२४ रोजी आयोजित दुसऱ्या बैठकीच्या इतिवृत्तास मा. प्रधान सचिव तथा अध्यक्ष राज्यस्तरीय भूजल समन्वय समिती यांनी मान्यता दर्शविली आहे. संदर्भाय पत्राची प्रत सहपत्रासह सोबत जोडली आहे. त्यानुषंगाने आवश्यक कार्यवाही करण्यात यावी, ही विनंती.		
आपला,  (गणेश पवार) अवर सचिव, महाराष्ट्र शासन		
सोबत:- वसिष्ठप्रमाणे दिशानिर्देशानुसार		
प्रत, आयुक्त, भूजल सर्वेक्षण आणि विकास यंत्रणा, पुणे – यांना कळविण्यात येते की, राज्यस्तरीय भूजल समन्वय समितीच्या दुसऱ्या बैठकीच्या इतिवृत्ताच्या अनुषंगाने उचित कार्यवाही करण्यात यावी व करण्यात आलेल्या कार्यवाहीचा अहवाल सादर करण्यात यावा, ही विनंती.		

Minutes of State Level Committee (SLC) on GWRE-2024 Meeting for the State of Maharashtra

The 2nd State Level Committee (SLC) meeting on Ground Water Resource Estimation for the year 2023-24 was held in hybrid mode on 04th October, 2024 at 16.00 hrs in the Conference Hall, 7th Floor, G.T. Hospital Building, Lokmanya Tilak Marg, Mumbai under the Chairmanship of Hon. Shri Sanjay Khandare, IAS, Principal Secretary, Water Supply and Sanitation Department (WS & SD), Government of Maharashtra to approve the ground water resource assessment for the year 2023-24.

Brief Discussions:

At the outset, Dr. Pandith Madhnure, Head of office & Member Secretary, Central Ground Water Board, Central Region, Nagpur welcomed Hon. Shri Sanjay Khandare, IAS, Principal Secretary, WS & SD, Govt. of Maharashtra & the Chairman of SLC and other Members of the Committee who were present physically and through hybrid mode (The list enclosed as- **Annexure-I**). After briefing agenda of meeting, he requested Dr. Pramod Reddy, Deputy Director (R&D), GSDA to present the GWRE for the year of 2024.

- Deputy Director (R&D), GSDA made a presentation on salient features of Maharashtra, including rainfall pattern, geographical & hydrogeological settings, aquifer disposition in basalt rock, background of GWRE and informed that GEC-2015 Methodology was adopted in making computations through **IN-GRES software** and the data was compiled watershed wise/Block wise and analysed for the entire state.
- Recharge from rainfall, tanks, water conservation structures viz., check dams, percolation tanks, extraction of resource for agricultural, domestic, industrial and drinking water requirements were the components taken into consideration.
- During presentation ground water resource availability of 2024 were compared with GWRA-23 resources, and informed that total annual extractable groundwater resource available is 31.15 BCM, current annual ground water extraction is 16.5 BCM and further ground water availability for future use is 15.09 BCM.
- Groundwater recharge from various sources was also highlighted like recharge from rainfall 65.04%, from surface water irrigation 14.59%, from ground water irrigation 11.70%, from various water conservation structures 6.06%, return flow

from canals (1.50%) and tanks (1.12%). Out of 359 blocks, 84% blocks (302 blocks) fall in safe category and stressed on reduction in Over Exploited, Semi-Critical, Critical blocks from 9 to 8 nos, from 57 to 41 nos, from 9 to 7 respectively and no changes in poor quality blocks as compared to 2023 estimates.

- Overall, there is an improvement in the annual extractable ground water resources by 0.2 BCM and reduction in ground water extraction by 0.16 BCM on compared to GWRA 2023.
- Sh. P R Khire, from MWRRA, asked about the computation of groundwater resource estimation for Mumbai city and its availability for public to which Dr. Vijay Pakhmode, Commissioner (i/c), GSDA informed that this year assessment of Mumbai and Mumbai Suburban Cities is done and once it is approved by Central Level Expert Committee (CLEC), it will be made available to MWRRA.
- Representative from NABARD mentioned that they are implementing lot of watershed development related programmes and requested to share the stressed watersheds list to them for implementation to which Dr. Pandith Madhnure informed that lists of over stressed watersheds/Blocks will be shared with NABARD once approved by CLEC.

Action Points:

1. Hon. Principal Secretary appreciated the efforts made in computing ground water resources for the state of Maharashtra in time bound manner and for 6 urban blocks namely, Mumbai city, blocks of Mumbai Suburban (Andheri, Borivali, and Kurla), Pune city and Nagpur city.
2. He also suggested to prepare report about any improvement in category or in stage of development in the blocks of Atal Jal Yojna.
3. Hon. Principal Secretary and the Chairman of the committee highlighted the need for developing ways to spread awareness for groundwater assessment and its availability at village level. For this if there is need for GR/Circular to be issued, draft of it may be submitted to WSSD.

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2nd Meeting of State Level Committee for approval of GWRA-2024
for the State of Maharashtra.

Date & Time: 4th October 2024 & 10.00 Hrs

Venue: Conference Hall, 7th Floor, GT Hospital Building, Lokmanya Tilak Marg, Mumbai-400001

S. No	Name & Designation	Department with Address	Contact Details	e-mail ID	Signature
1.	Sh. Sanjay Khadare, IAS, Principal Secretary & Chairman	Water Supply and Sanitation Department, Govt. of Maharashtra, Mumbai	Phone: Fax- 022-22622084 Mobile:	psec.wssd@maharashtra.gov.in wssdsepu15@gmail.com	
2.	Fareed Khan District Water Conservator of Ch. Kalwa - Thane	Soil and water conservation Regional office, Pune (Conservator of CE, LGDSCM, Pune)	020-26639148 020-29708570	Cemilms Ceswmc@cemilmspn.in	
3.					
4.	Pani D. Deshpande Exec. Officer, WSSD	WSSD, GOVT of Maharashtra			
5.	Mr. T. P. 917 Mr. B. 917	WSSD, GOVT of Maharashtra			
6.	Dr. Pandit M.	CGWB, CR Nagpur			
7.	Dr. Prasad R. Reddy Dr. Director	G.S.D.A. Directorate, Pune	9371535022	ddrd.hqgsda@gmail.com	
8.	Sub. S. S. Shilole	Asst. Geologist GSDA, Pune	9422924467	ddrd.hqgsda@gmail.com	

S. No	Name & Designation	Department with Address	Contact Details	e-mail ID	Signature
9.	Rayendra. M. Ghorpale	D.S. Water Supply B. Sanitation Dept.	9462744413	ghorpalerao@gmail.com	
10.	Dr. Vijay Bakhmode District Commissioner	GSDA, Pune	9822752365	janadivaram.gsda@gmail.com	
11.	Dr. J. D. H. H. H.	CGWB.	9901601245	janadivaram@gmail.com	
12.	Priti D. Paul	CGWB	9370565180	priti@cgwb.gov.in	
13.	MODI DURGAPRASAD	CGWB, CR, NAGPUR	9642388029	modiasad2182-kb@kannayogi.in	
14.	Sh. P. R. Khire, Expert	MWRRA.			Online
15.	Parveen Kaur, Secy	CGWB, Pune			Online
16.	Representative from	MRSAC, Nagpur			Online
17.	Representative from	NAGARD, Pune			Online
18.					
19.					

ANNEXURES

Annexure-I

Ground Water Resources availability, utilization and stage of extraction (as in 2024)

State	Ground Water Recharge					Total Natural Discharges	Annual Extractable Ground Water Resource	Current Annual Ground Water Extraction				Annual GW Allocation for Domestic use as on 2025	Net Ground Water Availability for future use	Stage of Ground Water Extraction(%)
	Monsoon Season		Non-Monsoon Season		Total Annual Ground Water Recharge			Irrigation	Industrial	Domestic	Total			
	Recharge from rainfall	Recharge from other Sources	Recharge from Rainfall	Recharge from other Sources										
MAHARASHTRA Total (bcm)	20.69	2.76	0.73	8.85	33.03	1.89	31.15	15.07	0.03	1.4	16.5	1.46	15.09	52.99

Dynamic Ground Water Resources of Maharashtra 2024

Annexure-II

District-wise Ground Water Resources availability, utilization and stage of extractn (as in 2024)

S.NO	District	Ground Water Recharge					Total Natural Discharges	Annual Extractable Ground Water Resource	Current Annual Ground Water Extraction				Annual GW Allocation for Domestic use as on 2025	Net Ground Water Availability for future use	Stage of Ground Water Extraction(%)
		Monsoon Season		Non-Monsoon Season		Total Annual Ground Water Recharge			Irrigation	Industrial	Domestic	Total			
		Recharge from rainfall	Recharge from other Sources	Recharge from Rainfall	Recharge from other Sources										
1	Ahmednagar	87414.55	13325.98	14398.48	45925.63	161064.64	8177.03	152887.6	114588.4	0	6196.74	120785.1	6208.26	43145.89	79
2	Akola	28849.65	1680.41	207.45	8900.29	39637.81	2781.18	36856.63	21544.03	0.59	2254.58	23799.2	2375.6	13106.69	64.57
3	Amravati	53494.29	4586.76	1228.13	24483.76	83792.94	5970.71	77822.22	57474.79	0	4209.66	61684.53	5234.93	22251.16	79.26
4	Aurangabad	74759.02	7315.56	4859.62	31620.12	118554.32	5999.41	112554.9	69352.38	0	3462.54	72814.94	3462.48	39739.98	64.69
5	Beed	80902.03	9247.4	6159.28	33981.21	130289.92	6831.73	123458.2	68446.53	39.65	4897.27	73383.42	4897.34	50074.77	59.44
6	Bhandara	32318.64	45408.18	417.8	16188.83	94333.44	7060.07	87273.37	22414.31	171.66	3701.8	26287.78	3759.41	60927.98	30.12
7	Buldhana	64860.26	5506	263.81	21040.92	91671	5350.32	86320.68	60827.15	0	3254.4	64081.64	3365.37	25190.66	74.24
8	Chandrapur	98913.75	5144.22	1471.98	11836.22	117366.17	6228.46	111137.7	14945.32	23.96	17833.18	32802.59	17833.15	78335.09	29.52
9	Dhule	45174.16	7207.86	0	20848.44	73230.46	4005.46	69225	33861.76	102.74	1756.46	35720.96	1756.46	33504.03	51.6
10	Gadchiroli	92707.85	3786.79	0	10921.86	107416.49	5989.89	101426.6	21811.75	1.55	4782.9	26596.33	4782.91	74830.27	26.22
11	Gondia	42680.49	6682.82	645.57	16414.08	66422.96	4372.52	62050.44	10181.03	318.71	6029.98	16529.7	6029.97	45520.74	26.64
12	Hingoli	50143.82	2996.45	1354.99	48447.79	102943.05	5163.68	97779.37	36287.09	2.53	2159.14	38448.77	2159.14	59424.35	39.32
13	Jalgaon	88722.94	8065.52	574.12	47455.32	144817.9	7830.2	136987.7	101248.7	313.65	4887.81	106450.2	4887.79	36664.63	77.71
14	Jalna	58268.35	3561.74	115.46	22708.87	84654.42	4303.18	80351.24	40457.75	68.84	1426.56	41953.19	5697.01	35304.75	52.21
15	Kolhapur	53349.1	10165.36	780.56	71694.67	135989.69	8196.01	127793.7	52178.04	0	2140.38	54318.4	2140.38	73475.26	42.5
16	Latur	44853.57	8517.28	0	17506.84	70877.69	3954.1	66923.59	33580.73	192.54	2199.63	35972.88	2199.62	31415.48	53.75
17	Mumbai	1365.05	104.7	0	85.67	1555.42	77.77	1477.65	0	60.77	619.37	680.14	619.37	797.51	46.03
18	Mumbai Sub	6912.88	132.26	0	108.22	7153.36	357.68	6795.68	0	82.27	1787.66	1869.91	1787.67	4925.77	27.52
19	Nagpur	65716.83	10566.59	2587.16	23996.35	102866.93	5785.48	97081.46	35859.92	354.32	10252.49	46466.69	10252.51	50628.15	47.86
20	Nanded	103267.9	1038.14	3718.96	17584	125609.03	6289.47	119319.6	34865.24	1.21	3385.9	38252.33	3385.92	81090.42	32.06
21	Nandurbar	39900.15	2868.92	0	9066.38	51835.45	2774.95	49060.49	17497.52	0	2991.68	20489.2	2991.68	28571.29	41.76

Dynamic Ground Water Resources of Maharashtra 2024

S.NO	District	Ground Water Recharge					Total Natural Discharges	Annual Extractable Ground Water Resource	Current Annual Ground Water Extraction				Annual GW Allocation for Domestic use as on 2025	Net Ground Water Availability for future use	Stage of Ground Water Extraction(%)
		Monsoon Season		Non-Monsoon Season		Total Annual Ground Water Recharge			Irrigation	Industrial	Domestic	Total			
		Recharge from rainfall	Recharge from other Sources	Recharge from Rainfall	Recharge from other Sources										
22	Nashik	132367.3	15003.4	3856.42	49686.39	200913.47	11142.93	189770.5	104646.4	1202.37	3593.64	109442.4	3593.61	86065.07	57.67
23	Osmanabad	61044.75	8143.27	2583.65	17414.13	89185.8	4502.67	84683.13	48272.7	0.79	2315.87	50589.39	2315.85	34273.83	59.74
24	Palghar	18331.86	365.52	0	3447.27	22144.65	1390.63	20754.02	3929.19	43.8	1017.23	4990.2	1017.24	15763.82	24.04
25	Parbhani	58691.41	1844.79	602.32	26131.14	87269.66	4363.45	82906.21	36212.33	0	1950.18	38162.49	1950.17	44743.74	46.03
26	Pune	94080.55	26016.44	1192.62	73760.12	195049.73	14590.4	180459.3	108266.5	0	8140.88	116407.3	8494.17	71509.58	64.51
27	Raigad	32706.93	192.8	0	5192.29	38092.02	1954.18	36137.84	4227.85	0	1982.81	6210.69	1982.83	29927.15	17.19
28	Ratnagiri	38638.43	177.21	18.49	2242.79	41076.92	2287.19	38789.73	5602.73	0	1331.9	6934.64	1331.93	31855.09	17.88
29	Sangli	42106.88	21549.92	12389.03	65276.51	141322.34	9581.42	131740.9	67073.74	0	3375.47	70449.22	3414.3	61692	53.48
30	Satara	52161.08	18770.96	3744.03	36917.34	111593.41	6895.83	104697.6	60650.26	0	4854.62	65504.91	4854.65	39595.85	62.57
31	Sindhudurg	20891.02	196.26	3.83	2251.76	23342.87	1174.78	22168.09	7429.09	0	2223.48	9652.54	2223.48	12515.55	43.54
32	Solapur	91839.46	11270.79	2954.03	40448.73	146513.01	7657.91	138855.1	102898.5	2.65	4853.01	107754.2	4853.01	37691.34	77.6
33	Thane	14767.22	290.06	0	2232.87	17290.15	953.19	16336.96	2397.66	0	739.61	3137.24	739.61	13199.72	19.2
34	Wardha	57486.01	5453.24	1427.6	25090.54	89457.39	4574.74	84882.65	38993.65	118.8	3455.49	42567.91	3455.53	42458.33	50.15
35	Washim	42509.28	5242.64	68.85	15402.51	63223.28	3279.25	59944.03	32110.92	8.51	2108.93	34228.39	2108.91	25715.64	57.1
36	Yawatmal	97171.18	3119.83	5825.78	18784.37	124901.16	6866.7	118034.5	37340.61	23.21	7636.6	45000.38	7636.59	73037.36	38.12
	Total(Ham)	2069369	275546.06	73450.02	885094.2	3303458.9	188714.58	3114744	1507474	3135.12	139809.8	1650420	145798.86	1508968.94	52.99
	Total(bcm)	20.69	2.76	0.73	8.85	33.03	1.89	31.15	15.07	0.03	1.4	16.5	1.46	15.09	52.99

Categorization of blocks as in 2024 for the Maharashtra State

State	Total No. of Assessed Units	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
		Nos.	%	Nos.	%	Nos.	%	Nos.	%	Nos.	%
Maharashtra	359	302	84.12	41	11.42	7	1.95	8	2.23	1	0.28

District Wise Categorization of blocks/ mandals/ taluks for Maharashtra (as in 2024)

S.No.	District	Total No. of Assessed Units	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Nos.	%	Nos.	%	Nos.	%	Nos.	%	Nos.	%
1	Ahmednagar	14	4	28.57	5	35.71	4	28.57	1	7.14		
2	Akola	7	6	85.71	1	14.29						
3	Amravati	14	8	57.14	3	21.43	2	14.29	1	7.14		
4	Aurangabad	9	8	88.89	1	11.11						
5	Beed	11	11	100								
6	Bhandara	7	7	100								
7	Buldhana	13	8	61.54	3	23.08	2	15.38				
8	Chandrapur	15	15	100								
9	Dhule	4	4	100								
10	Gadchiroli	12	12	100								
11	Gondia	8	8	100								
12	Hingoli	5	5	100								
13	Jalgaon	15	3	20	10	66.67	2	13.33				
14	Jalna	8	8	100								
15	Kolhapur	12	12	100								
16	Latur	10	10	100								
17	Mumbai	1	1	100								
18	Mumbai	Sub	3	3	100							
19	Nagpur	14	14	100								
20	Nanded	16	16	100								
21	Nandurbar	6	6	100								
22	Nashik	15	9	60	4	26.67	2	13.33				
23	Osmanabad	8	8	100								
24	Palghar	8	8	100								

Dynamic Ground Water Resources of Maharashtra 2024

S.No.	District	Total No. of Assessed Units	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Nos.	%	Nos.	%	Nos.	%	Nos.	%	Nos.	%
25	Parbhani	9	9	100								
26	Pune	14	9	64.29	4	28.57	1	7.14				
27	Raigad	15	15	100								
28	Ratnagiri	9	9	100								
29	Sangli	10	9	90	1	10						
30	Satara	11	9	81.82	2	18.18						
31	Sindhudurg	8	8	100								
32	Solapur	11	3	27.27	7	63.64			1	0.09		
33	Thane	7	7	100								
34	Wardha	8	8	100								
35	Washim	6	6	100								
36	Yawatmal	16	16	100								
	Total	359	302	84.12	41	11.42	7	1.95	8	2.23	1	0.28

Annexure III (C)

Annual Extractable Ground Water Resource of Assessment Units under Different Category for the State (as in 2024)

State	Total Annual Extractable Resource of Assessed Units (in mcm)	Safe		Semi-Critical		Critical		Over-Exploited	
		Total Annual Extractable Resource (in mcm)	%	Total Annual Extractable Resource (in mcm)	%	Total Annual Extractable Resource (in mcm)	%	Total Annual Extractable Resource (in mcm)	%
Maharashtra	31147.44	25212.56	80.95	4317.33	13.86	902.27	2.9	715.28	2.3

Annexure- III (D)

**District Wise Annual Extractable Ground Water Resource of Assessment Units under Different Category for Maharashtra
(as in 2024)**

S.No.	Name of District	Total Annual Extractable Resource of Assessed Units (in mcm)	Safe		Semi-Critical		Critical		Over-Exploited	
			Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%
1	Ahmednagar	1528.88	466.88	30.54	560.66	36.67	422.27	27.62	79.07	5.17
2	Akola	368.57	312.12	84.69	56.44	15.31				
3	Amravati	778.22	383.78	49.31	231.93	29.8			162.52	20.88
4	Aurangabad	1125.55	1076.42	95.64	49.12	4.36				
5	Beed	1234.58	1234.58	100						
6	Bhandara	872.73	872.73	100						
7	Buldhana	863.21	536.04	62.1	234.24	27.14			92.93	10.77
8	Chandrapur	1111.38	1111.38	100						
9	Dhule	692.25	692.25	100						
10	Gadchiroli	1014.27	1014.27	100						
11	Gondia	620.5	620.5	100						
12	Hingoli	977.79	977.79	100						
13	Jalgaon	1369.88	237.66	17.35	947.59	69.17			184.63	13.48
14	Jalna	803.51	803.51	100						
15	Kolhapur	1277.94	1277.94	100						
16	Latur	669.24	669.24	100						
17	Mumbai	14.78	14.78	100						
18	Mumbai	Sub	67.96	67.96	100					
19	Nagpur	970.81	970.81	100						
20	Nanded	1193.2	1193.2	100						

Dynamic Ground Water Resources of Maharashtra 2024

S.No.	Name of District	Total Annual Extractable Resource of Assessed Units (in mcm)	Safe		Semi-Critical		Critical		Over-Exploited	
			Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%	Annual Extractable Resource (in mcm)	%
21	Nandurbar	490.6	490.6	100						
22	Nashik	1897.71	1133.76	59.74	425.97	22.45	337.98	17.81		
23	Osmanabad	846.83	846.83	100						
24	Palghar	207.54	207.54	100						
25	Parbhani	829.06	829.06	100						
26	Pune	1804.59	1107.45	61.37	555.12	30.76	142.02	7.87		
27	Raigad	361.38	361.38	100						
28	Ratnagiri	387.9	387.9	100						
29	Sangli	1317.41	1203.87	91.38	113.54	8.62				
30	Satara	1046.98	794.39	75.87	252.59	24.13				
31	Sindhudurg	221.68	221.68	100						
32	Solapur	1388.55	302.28	21.77	890.13	64.1			196.14	14.13
33	Thane	163.37	163.37	100						
34	Wardha	848.83	848.83	100						
35	Washim	599.44	599.44	100						
36	Yawatmal	1180.34	1180.34	100						
	Total	31147.44	25212.56	80.95	4317.33	13.86	902.27	2.9	715.28	2.3

Annexure- III (E)

Recharge Worthy Area of Assessment unit under Different Category for Maharashtra (as in 2024)

State	Total Recharge Worthy Area of Assessed Units (in sq.km)	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
		Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%
Maharashtra	260349.01	204777.39	78.65	40751.55	15.65	7709.54	2.96	6333.63	2.43	776.89	0.3

District Wise Recharge Worthy Area of Assessment unit under Different Category for Maharashtra (as in 2024)

S.No.	Name of District	Total Recharge Worthy Area of Assessed Units (in sq.km)	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%
1	Ahmednagar	15624.75	5172.01	33.1	5972.85	38.23	3825.41	24.48	654.48	4.19		
2	Akola	5141.65	4458.18	86.71	683.47	13.29						
3	Amravati	8392.39	4219.42	50.28	2045.13	24.37			1350.95	16.1	776.89	9.26
4	Aurangabad	9501.74	9101.75	95.79	399.99	4.21						
5	Beed	10352.05	10352.05	100								
6	Bhandara	3964.97	3964.97	100								
7	Buldhana	8206.15	5068.16	61.76	2079.54	25.34			1058.45	12.9		
8	Chandrapur	10476.57	10476.57	100								
9	Dhule	6421.32	6421.32	100								
10	Gadchiroli	8866.49	8866.49	100								
11	Gondia	4597.05	4597.05	100								
12	Hingoli	4662.41	4662.41	100								
13	Jalgaon	11378.83	1777.93	15.62	7824.14	68.76			1776.76	15.61		
14	Jalna	7718	7718	100								
15	Kolhapur	5621.76	5621.76	100								
16	Latur	6635.48	6635.48	100								
17	Mumbai	70.04	70.04	100								
18	Mumbai	Sub	364.94	364.94	100							
19	Nagpur	7990.42	7990.42	100								
20	Nanded	10177.71	10177.71	100								
21	Nandurbar	4152.78	4152.78	100								
22	Nashik	13488.56	7485.45	55.49	3605.88	26.73	2397.23	17.77				
23	Osmanabad	6716.28	6716.28	100								

Dynamic Ground Water Resources of Maharashtra 2024

S.No.	Name of District	Total Recharge Worthy Area of Assessed Units (in sq.km)	Safe		Semi-Critical		Critical		Over-Exploited		Saline	
			Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%	Recharge Worthy Area (in sq.km)	%
24	Palghar	2760.86	2760.86	100								
25	Parbhani	6214	6214	100								
26	Pune	12757.28	6839.01	53.61	4431.36	34.74	1486.91	11.66				
27	Raigad	3747.59	3747.59	100								
28	Ratnagiri	5113.07	5113.07	100								
29	Sangli	8427.58	7678.05	91.11	749.53	8.89						
30	Satara	8775.07	6080.85	69.3	2694.22	30.7						
31	Sindhudurg	2793.06	2793.06	100								
32	Solapur	14838.9	3080.47	20.76	10265.44	69.18			1492.99	10.06		
33	Thane	2334.47	2334.47	100								
34	Wardha	5812.16	5812.16	100								
35	Washim	4811.96	4811.96	100								
36	Yawatmal	11440.67	11440.67	100								
	Total Area (sq.km)	260349	204777.4	78.65	40751.55	15.65	7709.54	2.96	6333.63	2.43	776.89	0.3

Categorization of Over Exploited, Critical and Semi Critical blocks (as in 2024)

MAHARASHTRA							
S.NO	Name of District	S.NO	Name of Semi-Critical Assessment Units	S.NO	Name of Critical Assessment Units	S.NO	Name of Over-Exploited Assessment Units
1	Ahmednagar	1	Shrigonda	1	Sangamner	1	Rhata
		2	Akola	2	Shrirampur		
		3	Shevgaon	3	Rahuri		
		4	Newasa	4	Kopargaon		
		5	Pathardi				
2	Akola	1	Barsi Takli				
3	Amravati	1	Achlapur			1	Chandur Bazar
		2	Nandgaon			2	Warud
		3	Morshi				
4	Aurangabad	1	Fulambre				
5	Buldhana	1	Buldhana			1	Sangrampur
		2	Chikhali			2	Jalgaon
		3	Nandura				
6	Jalgaon	1	Amalner			1	Yawal
		2	Muktainagar			2	Raver
		3	Chalisgaon				
		4	Parola				
		5	Bhadgaon				
		6	Jamner				
		7	Bhusawal				
		8	Bodwad				
		9	Pachora				
		10	Chopda				

Dynamic Ground Water Resources of Maharashtra 2024

S.NO	Name of District	S.NO	Name of Semi-Critical Assessment Units	S.NO	Name of Critical Assessment Units	S.NO	Name of Over-Exploited Assessment Units
7	Nashik	1	Yeola	1	Sinnar		
		2	Baglan Satana	2	Niphad		
		3	Deola				
		4	Chandwad				
8	Pune	1	Ambegaon	1	Shirur		
		2	Junnar				
		3	Daund				
		4	Khed				
9	Sangli	1	Kavathe Mahankal				
10	Satara	1	Man				
		2	Khatav				
11	Solapur	1	Sangola			1	Malshiras
		2	Pandharpur				
		3	Mohol				
		4	Karmala				
		5	Madha				
		6	Mangalwedha				
		7	Barshi				
ABSTRACT							
Total No. of Assessed Units		Number of Semicritical Assessment Units		Number of Critical Assessment Units		Number of Over Exploited Assessment Units	
359		41		7		8	

Quality problems in Assessment units (as in 2024)

QUALITY PROBLEMS IN ASSESSMENT UNITS, 2024							
MAHARASHTRA							
S.NO	Name of District	S.N O	Name of Assessment Units affected by Fluoride	S.N O	Name of Assessment Units affected by Arsenic	S.N O	Name of Assessment Units affected by Salinity
1	Ahmednagar					1	Nagar
						2	Newasa
						3	Parner
						4	Rahuri
						5	Shrigonda
2	Akola					1	Akola
						2	Akot
						3	Balapur
						4	Barsi Takli
						5	Murtizapur
						6	Telhara
3	Amravati					1	Achlapur
						2	Amravati
						3	Anjangaon Surji
						4	Bhatkuli
						5	Chandur Bazar
						6	Chikhaldara
						7	Daryapur
						8	Morshi
						9	Nandgaon
4	Nagpur					1	Nagpur Urban

S.NO	Name of District	S.NO	Name of Assessment Units affected by Fluoride	S.N O	Name of Assessment Units affected by Arsenic	S.N O	Name of Assessment Units affected by Salinity
5	Washim					1	Karanja
						2	Mangrulpir
6	Buldhana					1	Jalgaon
						2	Khamgaon
						3	Nandura
						4	Sangrampur
						5	Shegaon
7	Pune					1	Baramati
						2	Daund
						3	Indapur
						4	Purandhar
8	Sangli					1	Kadegaon
						2	Khanapur
						3	Miraj
						4	Palus
						5	Shirala
						6	Tasgaon
						7	Walwa
9	Satara					1	Karad
ABSTRACT							
Total No. of Assessed Units		Number of Assessment Units affected by Fluoride		Number of Assessment Units affected by Arsenic		Number of Assessment Units affected by Salinity	
359		0		0		40	

List of Saline Assessment units

Saline Assessment Units of Maharashtra as per Ground Water Resource Assessment-2024			
S.No.	Name of State	Name of District	Name of Assessment Units
1	Maharashtra	Amravati	Daryapur (C)

Annexure V (A)

Summary of Assessment units improved or deteriorated from 2023 to 2024 assessment

S.No.	Name of State	Total Number of Assessed Units	Number of Assessment Units Improved	Number of Assessment Units Deteriorated	Number of Assessment Units With No Change	Number of Assessment Units Newly formed or Previous Assessment Units Reorganized
1	Maharashtra	359	22	0	331	6

Comparison of categorization of assessment units (2023 to 2024)

COMPARISON OF CATEGORIZATION OF ASSESSMENT UNITS (2023 AND 2024)									
MAHARASHTRA									
S.No	Name of District	Name of Assessment Unit	Stage of Ground Water Extraction (%) 2023	Categorization in 2023	Name of District	Name of Assessment Unit	Stage of Ground Water Extraction (%) 2024	Categorization in 2024	Remark
1	Amravati	Achlapur	97	Critical	Amravati	Achlapur	97	Semi_critical	Improved
2	Amravati	Amravati	77	Semi_critical	Amravati	Amravati	77	Safe	Improved
3	Amravati	Dhamangaon Railway	74	Semi_critical	Amravati	Dhamangaon Railway	74	Safe	Improved
4	Amravati	Morshi	101	Over_exploited	Amravati	Morshi	101	Semi_critical	Improved
5	Aurangabad	Gangapur	71	Semi_critical	Aurangabad	Gangapur	71	Safe	Improved
6	Aurangabad	Khuldabad	72	Semi_critical	Aurangabad	Khuldabad	72	Safe	Improved
7	Aurangabad	Paithan	72	Semi_critical	Aurangabad	Paithan	72	Safe	Improved
8	Aurangabad	Sillod	71	Semi_critical	Aurangabad	Sillod	71	Safe	Improved
9	Aurangabad	Vaijapur	78	Semi_critical	Aurangabad	Vaijapur	78	Safe	Improved
10	Aurangabad	Aurangabad	73	Semi_critical	Aurangabad	Aurangabad	73	Safe	Improved
11	Buldhana	Deulgaon Raja	77	Semi_critical	Buldhana	Deulgaon Raja	77	Safe	Improved
12	Buldhana	Malakapur	75	Semi_critical	Buldhana	Malakapur	75	Safe	Improved
13	Buldhana	Motala	79	Semi_critical	Buldhana	Motala	79	Safe	Improved
14	Buldhana	Sindkhed Raja	74	Semi_critical	Buldhana	Sindkhed Raja	74	Safe	Improved
15	Latur	Latur	71	Semi_critical	Latur	Latur	71	Safe	Improved
16	Nagpur	Katol	71	Semi_critical	Nagpur	Katol	71	Safe	Improved
17	Nashik	Deola	91	Critical	Nashik	Deola	91	Semi_critical	Improved
18	Osmanabad	Kalamb	71	Semi_critical	Osmanabad	Kalamb	71	safe	Improved
19	Osmanabad	Osmanabad	75	Semi_critical	Osmanabad	Osmanabad	75	safe	Improved
20	Pune	Baramati	80	Semi_critical	Pune	Baramati	80	safe	Improved
21	Pune	Indapur	71	Semi_critical	Pune	Indapur	71	safe	Improved
22	Pune	Purandhar	85	Semi_critical	Pune	Purandhar	85	safe	Improved

ASSESSMENT OF DYNAMIC GROUND WATER RESOURCES OF MAHARASHTRA TALUKA WISE 2024

Sl. No	State code	State District Code	State District Block Code	District	Assessment Unit Name	Total Geographical Area	Recharge Water Area	Recharge from Rainfall-Monsoon	Recharge from Other Sources-Monsoon	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Non-Monsoon	Total Annual Ground Water (Ham) Recharge	Total Natural Discharges (Ham)	Annual Extractable Ground Water Resource (Ham)	Irrigation Use (Ham)	Industrial Use (Ham)	Domestic Use (Ham)	Total Extraction (Ham)	Annual GW Allocation for Domestic Use as on 2025 (Ham)	Net Ground Water Availability for future use (Ham)	Stage of Ground Water Extraction (%)	Categorization of Criticality (Safe)
1	MH	MH01	MH010100	Ahmednagar	Akola	123350	123350	5177	596.7	780.3	2235.7	8789.8	439.5	8350.3	5994.7	0	649.5	6644.2	649.5	2367.6	79.6	semi critical
2	MH	MH01	MH010200	Ahmednagar	Jamkhed	68603	68603	4420.3	387.8	684.9	1095.7	6588.8	329.4	6259.4	3591.1	0	286.9	3878	286.9	2381.4	62	safe
3	MH	MH01	MH010300	Ahmednagar	Karjat	139398	139398	7782.1	1022	1567.9	2659.7	13031.6	651.6	12380	7176.8	0	241.9	12890	241.9	4961.3	59	safe
4	MH	MH01	MH010400	Ahmednagar	Kopargaoon	66643.39	66643.39	3490.2	866.9	578.7	3199	8134.9	415.4	7719.5	6723.3	0	469.8	7193.2	469.8	1436.7	93.2	critical
5	MH	MH01	MH010500	Ahmednagar	Nagar	131868	131868	8009.3	918.7	1378.8	2300.6	11977.1	630.4	12607.4	7568.6	0	436.5	13005.1	436.5	4033.3	66.8	safe
6	MH	MH01	MH010600	Ahmednagar	Newasa	132780	132780	8212.1	1717.2	1185.1	6541.5	17655.9	882.8	16773	14122.1	0	448.1	14570.2	458.7	3259.9	86.9	semi critical
7	MH	MH01	MH010700	Ahmednagar	Paner	177332	177332	9951.6	1528.7	1739.3	3715.1	16934.7	963.2	16071.5	5916	0	709.4	6625.4	709.4	9446.2	41.2	safe
8	MH	MH01	MH010800	Ahmednagar	Pathardi	110910	110910	7296.1	449	1197.3	2538	11480.3	574	10906.3	8619.4	0	479	9098.4	479	2814.6	83.4	semi critical
9	MH	MH01	MH010900	Ahmednagar	Rahuri	93486	93486	4853.6	1802.3	897.5	5900.4	13453.8	672.7	12781.1	11776.7	0	393.3	12170	394.2	2783.6	95.2	critical
10	MH	MH01	MH011000	Ahmednagar	Rhata	65448.4	65448.4	3409.2	904.8	532.2	3476.7	8323	416.1	7906.8	8773.4	0	213.2	8986.6	213.2	109.2	113.7	over exploited
11	MH	MH01	MH011100	Ahmednagar	Sangamner	164094.93	164094.93	9044.6	884.7	949.1	3614.8	14493.2	724.7	13768.6	12014.9	0	773.8	12788.7	773.8	2665.2	92.9	critical
12	MH	MH01	MH011200	Ahmednagar	Shegaon	94578	94578	6398.1	359	755.8	1783.2	9296.1	464.8	8831.3	6955.6	0	403.8	9296.1	403.8	2198.7	83.3	semi critical
13	MH	MH01	MH011300	Ahmednagar	Shirgonda	135667	135667	6048	921.3	1608.9	3319.9	11898.2	693.6	11204.6	8417.3	0	328.4	8745.6	328.4	3134	78.1	semi critical
14	MH	MH01	MH011400	Ahmednagar	Shirampur	68316.28	68316.28	3322.1	965.3	642.7	345.3	9277	419.2	7881.6	6932.6	0	363.3	7301.9	363.3	2432.4	91.8	critical
15	MH	MH02	MH020100	Akola	Akola	99521.87	99521.87	3642.7	242.7	54.4	795.9	4735.8	288.9	4446.9	2109.7	0.2	522.1	2632	564.1	1814.9	59.2	safe
16	MH	MH02	MH020200	Akola	Akot	80449.23	80449.23	3641.4	134.1	53.2	820.1	4648.8	304.3	4344.5	2677.5	0	138	2815.4	192.8	1529.1	61.8	safe
17	MH	MH02	MH020300	Akola	Ballapur	67013.08	67013.08	3882.6	164.2	21	651.5	4719.5	317.5	4402	2440.5	0.3	268.3	2709.1	268.9	1701	64.5	safe
18	MH	MH02	MH020400	Akola	Barsi Tekli	68347.37	68347.37	4601.3	368	57.8	1080.6	6107.7	463.3	5644.4	3312.1	0	719.1	4031.3	719.1	1613.2	71.4	semi critical
19	MH	MH02	MH020500	Akola	Murtzapur	76798.03	76798.03	4119.6	309.9	7.2	1095.9	5532.6	493.4	5239.2	3233.1	0.1	244.4	3476.6	257	1761.6	66.4	safe
20	MH	MH02	MH020600	Akola	Patur	59873.3	59873.3	283.9	253.6	9	488.1	6314.9	374.6	5941.4	3522.3	0	228.4	3760.7	228.4	2196.5	63.1	safe
21	MH	MH02	MH020700	Akola	Telhara	62161.99	62161.99	4100.5	167.8	4.8	395.1	7576.5	740.2	6836	4248.8	0	134.3	4383.1	145.7	2490.2	64.1	safe
22	MH	MH02	MH020800	Amravati	Achladpur	63812	63812	4764.5	322	143.3	2766.2	7996	747.9	7248.1	5583.2	0	424	6007.2	425.3	2029.4	82.9	semi critical
23	MH	MH03	MH030200	Amravati	Amravati	80309	80309	5751.7	317.3	116.6	1427.7	7613.3	578.3	7035	4315.9	0	426.1	4741.9	443.2	2293.1	67.4	safe
24	MH	MH03	MH030300	Amravati	Anjanagaon Surji	52089	52089	2338	111.6	105	2882.9	5437.4	383	5054.4	2558.7	0	97.9	2656.7	111.9	2397.8	52.6	safe
25	MH	MH03	MH030400	Amravati	Bhatkuli	57991	57991	346.2	13.2	10.1	41.7	411.2	20.6	390.6	185	0	28.9	213.8	831.8	176.8	54.7	safe
26	MH	MH03	MH030500	Amravati	Chandur Bazar	66563	66563	4710.8	266.4	32.5	1673.8	6683.5	486.8	6196.6	6904.4	0	369.9	7274.3	369.9	1403.3	117.4	over exploited
27	MH	MH03	MH030600	Amravati	Chandur Railway	47052	47052	3930.7	225.8	134.7	1043.6	5334.8	323.5	5011.4	2595.9	0	601.3	3187.2	601.3	1989.7	63.6	safe
28	MH	MH03	MH030700	Amravati	Chikhaldara	31728	31728	2333.9	196.2	23.9	644.9	3218.8	248.2	2918.6	1693	0	154.4	1347.4	154.4	1192.2	62.2	safe
29	MH	MH03	MH030800	Amravati	Daryapur	77689	77689	0	0	0	0	0	0	0	0	0	0	0	189.8	0	salinity	
30	MH	MH03	MH030900	Amravati	Dhamangaon Railway	59692	59692	4770	159.5	187.1	1076.9	6193.5	452.5	5741	3273.8	0	464.1	3737.9	464.1	2003.1	65.1	safe
31	MH	MH03	MH031000	Amravati	Dharni	39180	39180	2744	173.6	0	933.6	3851.2	226.6	3624.7	1659.3	0	207.6	1866.9	207.6	1765.3	51.5	safe
32	MH	MH03	MH031100	Amravati	Morshi	70106	70106	5437.9	937.3	13.9	3112.3	9501.3	620.2	8881.1	7385.4	0	402.9	8982.5	402.9	1681.4	83.2	semi critical
33	MH	MH03	MH031200	Amravati	Nandgaon	70595	70595	5490.9	371.6	361.1	1312.2	7436.7	372.1	7063.6	4654.4	0	442.7	5098	442.7	2165.7	72.2	semi critical
34	MH	MH03	MH031300	Amravati	Twsa	53891	53891	4472.2	365.6	115.5	4080.2	9033.5	483.7	8549.8	5298.2	0	231.8	5529.9	231.8	3117.1	64.7	safe
35	MH	MH03	MH031400	Amravati	Warud	68532	68532	6383.6	1126.7	84.5	3487.9	11082.7	1027.5	10055.2	6217.7	0	358.2	12137.9	358.2	36.5	120.7	over exploited
36	MH	MH04	MH040100	Aurangabad	Aurangabad	147407.25	147407.25	8278.1	772.7	442.9	4337.2	13831	691.5	13139.5	8275.3	0	665.5	8940.8	665.5	4198.7	68	safe
37	MH	MH04	MH040200	Aurangabad	Fulambre	39998.75	39998.75	3457.1	241.2	131.1	1341.6	5171	258.6	4912.4	3367.4	0	127.9	3495.4	127.9	1417.1	71.2	semi critical
38	MH	MH04	MH040300	Aurangabad	Gangapur	128019	128019	10303.8	1000.4	650.7	3305.2	15265.1	785.3	14474.8	8708.7	0	497.2	12608.9	497.2	5268.9	63.6	safe
39	MH	MH04	MH040400	Aurangabad	Kannad	128047	128047	13229.2	1310.5	871.1	3467.6	18978.3	984.3	17994	10011.9	0	512.3	10524.2	512.3	7469.8	58.5	safe
40	MH	MH04	MH040500	Aurangabad	Khuldabad	43724	43724	3986.2	437.3	243.6	1871.5	6268.6	326.9	5942.1	3807.7	0	212	4016.7	212	2192	64.7	safe
41	MH	MH04	MH040600	Aurangabad	Pathan	149588	149588	11950.3	600.7	393.6	7448.1	20392.8	1019.7	19373.1	12353.5	0	456.1	12809.6	456.1	6563.5	66.1	safe
42	MH	MH04	MH040700	Aurangabad	Sillod	117696	117696	10265.6	590.6	533.8	3486.8	14876.9	750	14126.9	8724.1	0	392.1	9116.2	392.1	5010.7	64.5	safe
43	MH	MH04	MH040800	Aurangabad	Soyagaon	60928	60928	3513.9	233.6	359.2	1715.9	5822.6	299	5523.6	2979.4	0	108	3087.3	108	2436.3	55.9	safe
44	MH	MH04	MH040900	Aurangabad	Vaijapur	134366	134366	9674.7	2128.5	1233.6	4646.3	17683.1	884.2	16798.9	11124.4	0	491.4	16165.9	491.4	5183.1	69.1	safe
45	MH	MH05	MH050100	Beed	Ambejogai	89860	89860	7632.4	679.3	337.1	10594	537.4	10056.6	4989.2	2.7	411.3	5403.2	411.3	4653.4	53.7	safe	
46	MH	MH05	MH050200	Beed	Asni	143544	143544	10554.4	1441	1064.1	4302.3	17362	868.1	16493.9	9451.8	4.2	899	10355	899	6138.8	62.8	safe
47	MH	MH05	MH050300	Beed	Beed	134779	134779	10164.5	1325.8	946.8	3694.6	18031.7	801.6	15230.1	9115.7	7.1	669.6	9792.4	669.6	5437.7	64.3	safe
48	MH	MH05	MH050400	Beed	Dharur	23576	23576	2042.8	214.4	93.6	671.5	3022.3	151.1	2871.1	1457.6	0.2	95.9	1553.7	95.9	1317.4	54.1	safe
49	MH	MH05	MH050500	Beed	Gevrai	147921	147921	10969.3	1264.1	1255.8	5221.6	18700.9	1023.7	17677.1	11206.2	0.5	526.1	7144	526.1	1576.1	67.4	safe
50	MH	MH05	MH050600	Beed	Kaji	132030	132030	11190.5	1102	596.1	2073.6	14962.3	748.1	14214.1	8711.4	2.1	346.3	9059.8	346.3	5154.3	63.7	safe
51	MH	MH05	MH050700	Beed	Majalgaon	92096	92096	7180.9	531.3	606.9	3828.2	12147.3	709	11438.3	6120.3	19.1	444.9	6584.2	444.9	4854.1	57.6	safe
52	MH	MH05	MH050800	Beed	Parli	63526	63526	5459.8	609.7	248.2	5621.6	11399.3	620.8	11318.5	3980.6	3.3	297.4	4281.4	297.5	7037.1	37.8	safe
53	MH	MH05	MH050900	Beed	Patoda	72377	72377	5399.9	855.1	411	2239.9	8906	450.1	8455.9	5351.1	0.3	351.9	5703.4	351.9	2752.5	67.4	safe
54	MH	MH05	MH051000	Beed	Shirur Ka	61407	61407	4289.1	680	113.5	1868	7150.7	447.9	6702.8	3788	0	332.1	4120.1	332.1	2582.7	61.5	safe
55	MH	MH05	MH051100																			

Dynamic Ground Water Resources of Maharashtra 2024

Sl. No	State code	State District Code	State District Block Code	District	Assessment Unit Name	Total Geographical Area	Recharge Worthy Area	Recharge from Rainfall-Monsoon	Recharge from Other Sources-Monsoon	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Non-Monsoon	Total Annual Ground Water (Ham) Recharge	Total Natural Discharges (Ham)	Annual Extractable Ground Resource (Ham)	Irrigation Use (Ham)	Industrial Use (Ham)	Domestic Use (Ham)	Total Extraction (Ham)	Annual GW Allocation for Domestic Use as on 2025 (Ham)	Net Ground Water Availability for future use (Ham)	Stage of Ground Water Extraction (%)	Categorization (OE/Critical/ Semi critical/ Safe)
86	MH	MH08	MH081100	Chandrapur	Pobhurna	36463	36463	4008.3	152.2	76.1	488.4	4725	245.5	4479.5	620	0.3	622.4	1242.7	622.4	3236.8	27.7	safe
87	MH	MH08	MH081200	Chandrapur	Rajpura	82548	82548	7162.4	122.6	123.5	321.6	7730.1	390.9	7339.1	738.4	1.8	1237.4	1877.6	1237.4	5361.5	26.9	safe
88	MH	MH08	MH081300	Chandrapur	Sawali	59050	59050	5067.3	128.1	96.5	230.3	8757.2	439.8	8317.4	584.8	0.5	1451.9	2047.3	1451.9	6270.1	24.6	safe
89	MH	MH08	MH081400	Chandrapur	Sindewali	78649	78649	8241.7	832.1	21.2	1960.6	8889	10366.7	1129.4	1	2236.6	3366.1	2236.6	7000.6	32.5	safe	
90	MH	MH08	MH081500	Chandrapur	Warora	108390	108390	10229.4	527.5	277.5	1193.2	12227.6	611.4	11616.3	1967.3	0.6	1947.4	3915.2	1947.4	7701	33.7	safe
91	MH	MH09	MH090100	Dhule	Dhule	182626	182626	13045.9	1633	0	4755.6	19434.5	1012.6	10955.8	44.2	394	11394	394	7028	61.9	safe	
92	MH	MH09	MH090200	Dhule	Sakri	196767	196767	11221.6	3123.4	0	6480.8	20825.8	1306.7	19519	9153	8.8	526.3	9688.2	526.3	9930.8	49.6	safe
93	MH	MH09	MH090300	Dhule	Shirpur	130779	130779	11320.2	1281.6	0	9548.5	18150.3	907.5	17242.8	1306.7	44.9	436.9	7315.1	436.9	9455.9	46.2	safe
94	MH	MH09	MH090400	Dhule	Sindhedra	131596	131596	10653.9	1169.8	0	2653.5	14480.3	778.6	14601.3	6437.8	14.8	399.3	6854	399.3	7139.3	48.8	safe
95	MH	MH10	MH100100	Gadchiroli	Aheri	114098.49	114098.49	10416.3	153.2	0	436.2	11035.7	667.2	10368.5	1158	0	417.6	1577.6	417.6	6715.6	15.2	safe
96	MH	MH10	MH100200	Gadchiroli	Amori	63493.87	63493.87	7151.5	594.6	0	1531	9277	488	8789	2629.7	0.2	504.5	3134.4	504.5	5654.6	35.7	safe
97	MH	MH10	MH100300	Gadchiroli	Bhamragad	37688.2	37688.2	4277.7	31.3	0	85.5	4394.6	364.4	4030.1	210.8	0	125.5	336.3	125.5	3693.8	8.3	safe
98	MH	MH10	MH100400	Gadchiroli	Chamorshi	125583.7	125583.7	10659.3	509	0	1259.4	12627.8	773	11854.8	2593.3	1.3	1009.8	3604.5	1009.8	8250.3	30.4	safe
99	MH	MH10	MH100500	Gadchiroli	Dhanora	75416.25	75416.25	8520.2	210	0	888.5	9618.7	502.7	9116	2172.9	0	383.5	2556.5	383.5	6559.5	28	safe
100	MH	MH10	MH100600	Gadchiroli	Etapali	114792.15	114792.15	12839.2	150.4	0	623.5	13613.1	717.5	12895.6	1671	0	540.5	2211.6	540.5	10684.1	17.1	safe
101	MH	MH10	MH100700	Gadchiroli	Govindgaon	51743.8	51743.8	485.5	0	639	6829.3	375.6	6453.6	1448.8	335.5	0	335.5	1759.4	335.5	4694.2	27.3	safe
102	MH	MH10	MH100800	Gadchiroli	Korchi	28658.66	28658.66	4394.4	146	0	464	1007	251.2	476	1067.2	0	200.7	126.9	200.7	288.1	26.7	safe
103	MH	MH10	MH100900	Gadchiroli	Kurkhed	76871.88	76871.88	9181.9	267.6	0	1223.9	10673.4	533.7	10139.7	3081.9	0	293.7	3379.8	293.7	6780	33.3	safe
104	MH	MH10	MH101000	Gadchiroli	Mulchera	70866.1	70866.1	6670.6	213.3	0	664.2	7548.1	387.4	7160.7	1524.2	0	186.6	1710.8	186.6	5449.9	23.9	safe
105	MH	MH10	MH101100	Gadchiroli	Soroncha	78563	78563	8610.1	214.2	0	1077	9901.3	535.5	9365.8	2954.7	0	392	3346.8	392	6019.1	35.7	safe
106	MH	MH10	MH101200	Gadchiroli	Wadsa	38873	38873	3744.8	1145.8	0	1999.7	6890.3	393.7	6496.7	1304.2	0	408.6	1712.8	408.6	4783.9	26.4	safe
107	MH	MH11	MH110100	Gondia	Amgaon	35689.05	35689.05	3236.8	687.9	93.6	1024.6	5043	252.2	4790.8	577.7	28.1	812.3	1418.1	812.3	3372.7	29.6	safe
108	MH	MH11	MH110200	Gondia	Arjuni Moregaon	82477.02	82477.02	9529.8	1549.6	2.1	405.5	15197.1	1125.7	14071.4	1696.6	24.9	735	2436.7	735	11534.9	17.3	safe
109	MH	MH11	MH110300	Gondia	Deori	80783.71	80783.71	7891.5	436.4	1.8	496.8	8925.9	813.2	8139.2	482.2	12.7	1078.5	1287.8	1078.5	7019.3	24.7	safe
110	MH	MH11	MH110400	Gondia	Gondia	62169.46	62169.46	5042.3	1031.5	238	2416.8	5787.5	807.9	8120.6	1611.5	100.7	1042.6	2754.7	1042.6	5365.9	33.9	safe
111	MH	MH11	MH110500	Gondia	Goregaon	41385.44	41385.44	3639.5	535	118.3	728.7	5021.4	251.1	4770.3	1250.6	86	757.3	2093.9	757.3	2676.4	43.9	safe
112	MH	MH11	MH110600	Gondia	Sadak Arjuni	60770.81	60770.81	5559.6	552.6	29.7	2734.3	8876.2	518.1	8358.1	2383.4	24.2	627.6	3035.2	627.6	5322.9	36.3	safe
113	MH	MH11	MH110700	Gondia	Salekasa	39296	39296	4048.1	680.5	89.3	2017.8	6835.7	513.8	6321.8	884.6	18.2	587.9	1490.7	587.9	4831.1	23.6	safe
114	MH	MH11	MH110800	Gondia	Tirora	52133.26	52133.26	4022.9	1209.4	0	2590.2	7895.3	645	7250.3	1025.2	10.6	1025.2	2013.1	1025.2	5237.2	27.8	safe
115	MH	MH12	MH120100	Hingoli	Aundh	81961	81961	8946.6	416.2	22.7	12441.9	21997.3	1118.4	20880.9	6393.4	0	651.3	651.3	13386.2	33.7	safe	
116	MH	MH12	MH120200	Hingoli	Basmeth	76436	76436	9448.8	399.6	2.5	24690.3	24785.9	10515.6	1	2309.7	11053.4	1	2309.7	11053.4	59.2	safe	
117	MH	MH12	MH120300	Hingoli	Hingoli	94832	94832	10058	284.3	289.5	5048	13977.9	698.9	13279	5002	0.8	374.1	5376.9	374.1	7902.1	40.5	safe
118	MH	MH12	MH120400	Hingoli	Kalmnuri	94891	94891	10286.7	709.9	334.2	5325.9	16656.7	832.8	15823.9	7923.2	0.7	376.8	8300.7	376.8	7572	52.5	safe
119	MH	MH12	MH120500	Hingoli	Sengao	118121	118121	11393.8	682.4	311.1	3177.7	15555.1	777.8	14777.4	6452.8	0	220.1	6672.9	220.1	8104.4	45.2	safe
120	MH	MH13	MH130100	Jalgaon	Amalner	89266	89266	7357.1	683.9	0	4662.1	12703	635.2	12067.9	7978.1	12.2	559.5	8549.8	559.5	3592.7	70.8	semi critical
121	MH	MH13	MH130200	Jalgaon	Bhadgaon	49142	49142	3513.9	250.9	93.7	6985.1	10843.6	755.5	10088.1	7767.9	26.1	199.3	7999.4	199.3	2094.7	79.2	semi critical
122	MH	MH13	MH130300	Jalgaon	Bhadrawal	53518	53518	3812.8	348.4	0	3307.1	6330.9	4282.7	5819.8	4487.3	0.8	275.8	4487.3	275.8	14377	77.3	semi critical
123	MH	MH13	MH130400	Jalgaon	Bodwad	35669	35669	2852.1	317.2	0	987.8	4152.1	207.6	3941.5	3038.2	0	154.6	3016.7	154.6	906.3	71.7	semi critical
124	MH	MH13	MH130500	Jalgaon	Chalisgaon	103335	103335	7464.3	1908.9	211.3	5600.9	15085.5	803.8	14201.7	10327.3	11.6	408.9	10747.8	408.9	3479	75.7	semi critical
125	MH	MH13	MH130600	Jalgaon	Chopda	110180	110180	7827.1	311	0	3573.2	11711.4	750.1	10961.3	8854.9	0.9	345.8	9201.6	345.8	2383.2	83.9	semi critical
126	MH	MH13	MH130700	Jalgaon	Dharangaon	45418	45418	3990.3	215.4	0	4301.6	8507.3	439.3	8068	4146.1	95.7	209.5	4451.3	209.5	3616.6	55.2	safe
127	MH	MH13	MH130800	Jalgaon	Erandol	49177	49177	4070	180.8	5	3188.3	7444.1	373.2	7070.9	4533.9	38.9	173.7	4746.5	173.7	2324.4	67.1	safe
128	MH	MH13	MH130900	Jalgaon	Jalgaon	83198	83198	7101.6	368.1	0	1615.9	9085.6	458.8	8626.7	4368.2	61.3	248.4	4677.8	248.4	3948.9	54.2	safe
129	MH	MH13	MH131000	Jalgaon	Jambh	126843	126843	10544.4	588.3	0	2463.7	13586.4	678.3	12807	9456.8	0.8	657.8	9315.4	657.8	3898.5	70.6	semi critical
130	MH	MH13	MH131100	Jalgaon	Muktanagar	63392	63392	4239.2	411.4	0	1288.9	5498.9	306.7	5791.1	4078.1	5.8	279.8	4078.1	279.8	1605.4	44	safe
131	MH	MH13	MH131200	Jalgaon	Pachora	79609	79609	6635.1	673.9	7.2	3987.1	11303.4	582.5	10720.8	7251.1	2.9	388.2	7622.2	388.2	3228.4	71.1	semi critical
132	MH	MH13	MH131300	Jalgaon	Parola	71160	71160	4536.1	1142.7	0	3137.9	8816.8	445.8	8370.9	5741.1	17.2	450.9	6209.2	450.9	2573.8	74.2	semi critical
133	MH	MH13	MH131400	Jalgaon	Raver	93907	93907	7259.7	346.2	236.4	2653.1	10495.3	524.8	9970.6	12273.5	2.1	274.8	12550.5	274.8	291.7	125.9	over exploited
134	MH	MH13	MH131500	Jalgaon	Yawal	83769	83769	6809.9	425.2	20.6	1718.2	8973.8	481.6	8492.2	8736	18.5	217.8	8972.3	217.8	1313.4	105.7	over exploited
135	MH	MH14	MH140100	Jalna	Ambad	110885	110885	5490.5	455.1	0	4214.8	10160.3	508	9652.3	3911	8.5	165.9	4088.4	165.9	4945.2	42.3	safe
136	MH	MH14	MH140200	Jalna	Bhadgaon	53430.66	53430.66	4403.9	309.9	1.4	1269.4	5981.6	334.7	5647.4	3533.7	5.7	121.7	3661.1	121.7	1853.9	64.8	safe
137	MH	MH14	MH140300	Jalna	Bhokardan	127316.26	127316.26	10442.2	799.9	0	3605.2	14082	704.1	13777.9	7634.9	8.4	276.2	7919.5	276.2	5030.9	59.2	safe
138	MH	MH14	MH140400	Jalna	Ghat Sawangi	108967	108967	7895.5	319.3	0	6304.9	14519.7	758.2	13761.5	7395.3	1.1	161.1	7557.5	161.1	5893.2	54.9	safe
139	MH	MH14	MH140500	Jalna	Jalrabad	69380.5	69380.5	6188.4	480.6	108.9	1739	8516.9	425.8	8091.1	4557.8	4.8	153	4715.6	153	3119.6	68.3	safe
140	MH	MH14																				

Dynamic Ground Water Resources of Maharashtra 2024

Sl. No	State code	State District Code	State District Block Code	District	Assessment Unit Name	Total Geographical Area	Recharge Worthy Area	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Monsoon	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Non-Monsoon	Total Annual Ground Water (Ham) Recharge	Total Natural Discharges (Ham)	Annual Extractable Ground Water Resource (Ham)	Irrigation Use (Ham)	Industrial Use (Ham)	Domestic Use (Ham)	Total Extraction (Ham)	Annual GW Allocation for Domestic Use as on 2025 (Ham)	Net Ground Water Availability for future use (Ham)	Stage of Ground Water Extraction (%)	Categorization (OE/Critical/ Semi critical/ Safe)
180	MH	MH18	MH180200	Nanded	Bhokar	63026	63026	5930.6	63.7	210.8	761.4	6666.5	348.3	6618.1	2092.9	0	115.6	2208.6	115.6	4409.6	33.4	safe
181	MH	MH18	MH180300	Nanded	Holi	58037	58037	5602	20.1	405.3	684.4	6711.8	335.6	6376.2	1126.8	0	222.4	1349.3	222.4	5026.9	21.2	safe
182	MH	MH18	MH180400	Nanded	Dedpor	66590	66590	6172.7	56.2	358.1	584.4	7141.4	366.1	6775.3	1851.7	0.6	530.9	2373.2	530.9	4421.1	36.2	safe
183	MH	MH18	MH180500	Nanded	Dharmabad	33537	33537	3986.6	8.7	192.4	437.3	218.8	4156.5	553	0	80.9	634	222.9	3522.6	15.3	safe	
184	MH	MH18	MH180600	Nanded	Hadgaon	100411	100411	11069	134.6	324.6	2562.3	14090.5	704.5	13385.9	4845.5	0	298.5	5144.1	298.5	8241.8	38.4	safe
185	MH	MH18	MH180700	Nanded	Himataynahar	49896	49896	4904.7	100.5	162.1	635.1	5802.3	290.4	5512.2	1955.6	0	89.4	2044.9	89.4	3467.2	37.1	safe
186	MH	MH18	MH180800	Nanded	Kandhar	77962	77962	8876.3	64.7	271.5	1226.3	10438.8	521.9	9916.8	2428.4	0	209.6	2638	209.6	7278.8	26.6	safe
187	MH	MH18	MH180900	Nanded	Kinwat	147562	147562	14911.7	249.9	115.3	1834.6	17113.1	855.6	16256	3491.6	0	301.6	3793.1	301.6	12462.9	23.3	safe
188	MH	MH18	MH181000	Nanded	Nha	84985	84985	8174.8	34.9	187.7	11085.4	10854.3	554.3	10301.2	2188.6	0	218.6	3317.8	218.6	7213.3	31.5	safe
189	MH	MH18	MH181100	Nanded	Mahur	49818	49818	4989.4	67.7	52.4	528.2	278.1	5284.2	1968.4	0	104.8	2073.1	104.8	39.2	safe		
190	MH	MH18	MH181200	Nanded	Mudkhed	32394	32394	2992	18.6	99.8	1022.8	4133.2	206.7	3926.5	2028.9	0	64.5	2091.4	64.5	1835.2	53.3	safe
191	MH	MH18	MH181300	Nanded	Mukhed	87594	87594	7952.4	101.5	472	873	9398.9	469.9	8929	2050.3	0.6	305.9	2356.7	305.9	6595.4	26.4	safe
192	MH	MH18	MH181400	Nanded	Naigaon	56560	56560	5397.3	27.6	376.6	1590.5	7392	369.6	7022.4	1872.1	0	163.4	2035.5	163.4	4986.9	29	safe
193	MH	MH18	MH181500	Nanded	Nanded	40633	40633	4480.2	19.7	129.6	1630.3	6259.8	313	5946.8	2068.2	0	464.6	2532.8	464.6	3414	42.6	safe
194	MH	MH18	MH181600	Nanded	Uman	40620	40620	4280.5	15.9	136.9	525.9	248	4711.2	1192	0	146.5	4959.2	146.5	3372.6	28.4	safe	
195	MH	MH19	MH190100	Nandurbar	Akalkuwa	41428	41428	1473.4	0	689.7	5074.1	253.7	4820.4	338.3	0	479.7	1864	479.7	2956.4	38.7	safe	
196	MH	MH19	MH190200	Nandurbar	Akran	37951	37951	2407.1	18	275.1	2641.1	197	2741.1	597.7	0	246.4	1044.1	246.4	346.4	27.9	safe	
197	MH	MH19	MH190300	Nandurbar	Nandurbar	98370	98370	9164.2	704.5	0	2484.1	12352.8	671.4	11681.4	5710.4	0	473.3	6183.7	473.3	5497.7	52.9	safe
198	MH	MH19	MH190400	Nandurbar	Nawapur	90952	90952	10005.3	1063.1	0	3296.9	14355.3	774.1	13581.2	4076.8	0	759.9	4836.7	759.9	8744.5	35.6	safe
199	MH	MH19	MH190500	Nandurbar	Shahada	113802	113802	12060.5	630.4	0	1603.8	12060.5	676.2	11384.3	4114.9	0	600.1	4715.1	600.1	6669.2	41.4	safe
200	MH	MH19	MH190600	Nandurbar	Taloda	32775	32775	3286.3	126.5	0	638.8	4051.7	202.6	3849.1	1513.4	0	332.2	1845.6	332.2	2003.5	47.9	safe
201	MH	MH20	MH200100	Nashik	Baglan Satana	132843	132843	8313.9	1090.3	587.5	3520.1	13511.8	826.5	12685.3	9006.6	4	262.3	10172.9	262.3	2986.5	80.2	semi critical
202	MH	MH20	MH200200	Nashik	Bandwad	79776	79776	6454.3	1132.8	220.2	3935.4	11474.7	728.2	11014.5	8732.1	13.9	182.6	8928.6	182.6	2258.9	81.1	semi critical
203	MH	MH20	MH200300	Nashik	Dodga	50983	50983	3655.2	133.2	7181.9	8905.9	340.3	5480.6	4403.9	0	393.4	5684.4	393.4	1239.9	68.6	semi critical	
204	MH	MH20	MH200400	Nashik	Dindori	90388	90388	8380.4	600.6	67.3	3276.7	12274.9	685.7	11589.2	6561.1	362.2	254.8	7178	254.8	4485.9	61.9	safe
205	MH	MH20	MH200500	Nashik	Ignatpuri	66295	66295	15780.6	340	35.2	1518.7	17674.4	910.6	17673.9	3946.5	64.6	197	4208.1	197	12555.8	25.1	safe
206	MH	MH20	MH200600	Nashik	Kalwan	61064	61064	5987.8	262.8	0	8208.2	416.3	7791.9	4645.8	0.7	174.5	4821	174.5	2970.9	61.9	safe	
207	MH	MH20	MH200700	Nashik	Malegaon	158540	158540	10811.7	2430.4	622	6103.2	10967.3	1018.8	18948.5	10832.6	113.5	360.7	11306.9	360.7	8278.3	59.7	safe
208	MH	MH20	MH200800	Nashik	Nandgaon	108456	108456	8288.6	420.5	1090.6	553.6	10901.6	10348	5560.8	166.6	232	5959.4	232	4409.8	57.6	safe	
209	MH	MH20	MH200900	Nashik	Nashik	73730	73730	6243.2	1775.2	78.6	861.7	15713.7	1484.2	14519.5	6122	66.3	196.6	6384.9	196.6	8304.3	44	safe
210	MH	MH20	MH201000	Nashik	Nigad	8839	8839	11293.4	343.6	0	7181.9	1502.9	126.5	15903.5	275.2	0	375.2	15903.5	375.2	253.5	35.1	critical
211	MH	MH20	MH201100	Nashik	Peth	49647	49647	9592.4	235.1	0	761.7	10694.5	552.6	10419.9	382.2	0	175.5	537.7	175.5	9604.2	5.3	safe
212	MH	MH20	MH201200	Nashik	Sinnar	126789	126789	10068.7	1883.6	713	5377.5	18032.8	960.1	17072.8	15479.2	246.1	295.2	16020.4	295.2	2650.4	93.8	critical
213	MH	MH20	MH201300	Nashik	Surjana	72303	72303	11306.6	579.8	0	646.3	12532.7	626.6	11906	1478.6	2.9	209.6	1478.6	209.6	10427.4	12.4	safe
214	MH	MH20	MH201400	Nashik	Trimbakeshwar	68122	68122	11268.7	291.2	8.5	401	11969.5	602.4	11367.1	1074.4	3.7	224.7	1302.7	224.7	10064.3	11.5	safe
215	MH	MH20	MH201500	Nashik	Yeola	96986	96986	7386.2	1234.3	364.1	1309.3	662.1	12431.1	9264.5	3.1	259.7	9556.2	259.7	3046.9	76.9	semi critical	
216	MH	MH21	MH210100	Osmanabad	Bhoom	43220	43220	4403.1	419.1	88.4	91	4837.7	241.4	4596.1	2816.2	0.1	126.7	294	126.7	1643.1	64.2	safe
217	MH	MH21	MH210200	Osmanabad	Kalanab	85654.4	85654.4	907.9	728.2	2207.9	10406.8	544.1	9886.2	5440.1	0.1	240.7	6789.9	240.7	3104.7	68.6	safe	
218	MH	MH21	MH210300	Osmanabad	Lohata	48285	48285	4974.7	681.9	270	1453.5	7380.1	389	7011.1	3835.7	0	170.6	4006.3	170.6	3005.5	57.1	safe
219	MH	MH21	MH210400	Osmanabad	Omarga	89487	89487	9064.1	1164.8	576.2	2484.5	13289.6	664.5	12625.1	6670.2	0	334.9	7005.1	334.9	5620.1	55.5	safe
220	MH	MH21	MH210500	Osmanabad	Osmanabad	118844	118844	11349.4	2611.1	0	4833.7	18794.2	946.6	17847.6	11151.8	0	429.7	11581.5	429.7	6445.5	64.9	safe
221	MH	MH21	MH210600	Osmanabad	Paranda	98394	98394	7333.2	659.2	187.4	1653.8	9833.6	491.7	9341.9	5238	0	237.9	5476	237.9	3865.9	58.6	safe
222	MH	MH21	MH210700	Osmanabad	Tulapur	134221	134221	13336.8	1341.8	1070.9	2782.8	938.1	17094.6	8144.6	0.3	490.2	8635.1	490.2	8459.4	50.5	safe	
223	MH	MH21	MH210800	Osmanabad	Wajur	53518.6	53518.6	5018.9	357.5	172.2	6618.4	331	6288.5	3973.1	0.2	185.1	4158.4	185.1	2130.1	66.1	safe	
224	MH	MH22	MH220100	Palghar	Dahanu	32724	32724	3366.2	64	0	1106.5	4508.2	144.3	4363.2	1549.1	4.2	196.9	1344.5	196.9	2918.4	16.8	safe
225	MH	MH22	MH220200	Palghar	Jawhar	32747	32747	2418.4	64	0	256.1	2738.5	177.3	2561.3	192.7	1.3	90.8	284.7	90.8	2276.5	11.1	safe
226	MH	MH22	MH220300	Palghar	Mokhada	17627	17627	1158.2	49.9	0	185.7	1393.8	69.7	1324.1	122.2	2.7	62.9	187.8	63	1136.3	14.2	safe
227	MH	MH22	MH220400	Palghar	Palghar	58251	58251	3845.4	125.1	0	1370.2	5340.7	346.6	4994	1099.3	11.5	270.6	1381.3	270.6	3612.7	27.7	safe
228	MH	MH22	MH220500	Palghar	Talasari	18518	18518	891.6	9.3	0	69.7	1070.7	53.5	1017.1	241.7	3	79.6	324.2	79.6	692.9	31.9	safe
229	MH	MH22	MH220600	Palghar	Vasa	32750	32750	1684.9	7.3	0	150.8	1842.9	57	1750.8	92.7	5.7	85.5	65.3	85.5	1085.5	38	safe
230	MH	MH22	MH220700	Palghar	Viramgad	28840	28840	2513.8	34.5	0	208.4	2756.7	245.3	2511.4	303.7	3	102.7	409.4	102.7	2101.9	43.3	safe
231	MH	MH22	MH220800	Palghar	Wadga	24619	24619	2361.3	39	0	99.9	2492.2	159.8	2332.4	246.4	12.1	134.3	246.4	134.3	1939.6	16.8	safe
232	MH	MH23	MH230100	Parbhani	Gangakhed	51836	51836	3762.7	269.4	0	4679.2	8711.3	435.6	8275.7	3398.1	0	311.9	3398.1	311.9	4877.7	41.1	safe
233	MH	MH23	MH230200	Parbhani	Jintur	127004	127004	11704.6	435.9	188.9	6577.7	18907.1	945.4	17961.7	6708.2	0	256.2	6964.4	256.2	10997.3	38.8	safe
234	MH	MH23	MH230300	Parbhani	Manwat	46817	46817	5051.2	227.1	0	1688.4	6966.7	348.3	6618.4	2802.3	0	128	2930.3	128	3688.1	34.3	safe
235	MH	MH23	MH230400	Parbhani	Palam	50884	50884	4645.3	90.2	0												

Dynamic Ground Water Resources of Maharashtra 2024

Sl. No	State code	State District Code	State District Block Code	District	Assessment Unit Name	Total Geographical Area	Recharge Worthy Area	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Monsoon	Recharge from Rainfall-Non-Monsoon	Recharge from Other Sources-Non-Monsoon	Total Annual Ground Water (Ham) Recharge	Total Natural Discharges (Ham)	Annual Extractable Ground Water Resource (Ham)	Irrigation Use (Ham)	Industrial Use (Ham)	Domestic Use (Ham)	Total Extraction (Ham)	Annual GW Allocation for Domestic Use as on 2025 (Ham)	Net Ground Water Availability for future use (Ham)	Stage of Ground Water Extraction (%)	Categorization (OE/Critical/ Semi critical/ Safe)	
274	MH	MH26	MH260500	Ratnagiri	Lanja	42631	42631	3146.9	25.4	12	371.2	3555.5	193.4	3362.1	374.7	0	142.5	517.2	142.5	2844.8	15.4	safe	
275	MH	MH26	MH260600	Ratnagiri	Mandangad	26680	26680	2017	13.6	0	68.8	2096.4	105	1994.4	227.2	0	75.2	302.4	75.2	1692	15.2	safe	
276	MH	MH26	MH260700	Ratnagiri	Rajapur	76472	76472	6632.2	2.6	3.6	264.9	6923.5	563.9	6361.2	691.7	0	228.5	919.7	228.5	5442	14.6	safe	
277	MH	MH26	MH260800	Ratnagiri	Ratnagiri	50541	50541	3647	5.2	2.9	249.7	3904.8	195.2	3709.6	980.6	0	158.2	1138.8	2570.8	30.7	safe		
278	MH	MH26	MH260900	Ratnagiri	Sangameshwar	64381	64381	4872.6	26.6	0	149.6	5048.9	252.5	4796.4	431.6	0	157.5	589.1	157.5	4207.3	12.3	safe	
279	MH	MH27	MH271000	Sangli	Altapadi	84923	84923	3276.7	1069.6	0	6375.6	13012.7	706.7	12305.9	6251.2	0	530.4	6781.5	530.4	5524.4	51.1	safe	
280	MH	MH27	MH272000	Sangli	Jai	224761	224761	11756.5	3033.4	3955.2	8898.5	27643.5	1496	26147.5	15545.2	0	691.7	16237	691.7	10099.7	62.1	safe	
281	MH	MH27	MH273000	Sangli	Kadegaon	56982	56982	3324.9	2756	0	647.8	8360	15086.8	1120.7	13967.9	7526.7	0	243.4	7770.1	243.4	6197.8	55.6	safe
282	MH	MH27	MH274000	Sangli	Kavalthe Mahankal	74953	74953	3277.6	2155.2	1203	5563	12188.8	844.9	12753.9	7875.4	0	496	8371.5	496	3133.5	73.7	semi critical	
283	MH	MH27	MH275000	Sangli	Khanapur	50917.79	50917.79	2721.6	2742.6	0	7758	14034.6	1245	12789.6	3840.9	0	178.1	4019	178.1	8770.6	31.4	safe	
284	MH	MH27	MH276000	Sangli	Miral	95038	95038	4272.2	1296.8	0	8986.6	16903.4	922.7	15980.7	8864.6	0	282.9	9147.5	312.3	6833.2	57.2	safe	
285	MH	MH27	MH277000	Sangli	Palus	31212.04	31212.04	1456.1	1836.6	421.5	4308.7	8023	786.5	7236.5	2742.7	0	119.5	2862.3	119.5	4374.2	39.6	safe	
286	MH	MH27	MH278000	Sangli	Shirala	58734.27	58734.27	3276.5	575.2	414.2	2357	6622.9	424.8	6198	1874	0	296.7	2170.7	296.7	4027.3	35	safe	
287	MH	MH27	MH279000	Sangli	Tasgaon	89315.17	89315.17	4791.6	2949.9	1539.6	8667.3	17948.4	1338.3	16610.1	8031.4	0	243.4	8274.8	251.5	8335.4	49.8	safe	
288	MH	MH27	MH271000	Sangli	Walwa	75921.97	75921.97	3953.1	1013.5	878.1	4001.9	9846.6	695.8	9150.8	4521.6	0	293.3	4814.9	294.6	4335.9	52.6	safe	
289	MH	MH28	MH280100	Satara	Jaoli	55215	55215	3575.7	434.3	0	58245	4445.3	237	4208.3	78.9	0	252.3	1031.2	252.3	3171.2	24.5	safe	
290	MH	MH28	MH280200	Satara	Karad	89223	89223	3489.1	4154.5	0	5189	12355.6	1165.5	11190.1	7655.3	0	824.4	8165.3	824.4	4136.7	65.7	safe	
291	MH	MH28	MH280300	Satara	Khandala	45551	45551	2277.4	726.5	278.6	1636.3	4918.2	293	4625.8	2769.9	0	197.9	2967.8	197.9	1658	64.2	safe	
292	MH	MH28	MH280400	Satara	Khatav	126905	126905	7086.3	1765.6	747.9	2839	12438.7	673	11765.7	8713.2	0	548.1	9261.3	548.1	2504.4	78.7	semi critical	
293	MH	MH28	MH280500	Satara	Koregaon	78698	78698	5894.7	2469.5	301.9	5056.5	13722.5	956.8	12765.7	6742.1	0	421.7	7163.9	421.7	5601.9	56.1	safe	
294	MH	MH28	MH280600	Satara	Mahabaleshwar	6012	6012	149.5	29.5	0.5	40.6	220.2	11	209.2	109.5	0	21.7	131.2	21.7	78	62.7	safe	
295	MH	MH28	MH280700	Satara	Man	142517	142517	8534.6	1976.5	1004.6	93138	14219.1	725.8	13493.3	10293.3	0	568.8	10862.1	568.8	2685.1	80.5	semi critical	
296	MH	MH28	MH280800	Satara	Patlan	93138	93138	2065.7	650.7	0	620.2	3326	166.7	3195.7	1743.7	0	344.6	2086.3	344.6	1331	66.1	safe	
297	MH	MH28	MH280900	Satara	Phaltan	110345	110345	7103.45	1680.2	628.9	8174.6	10004.8	1036.7	9168.1	10024.8	0	531.8	10556.5	531.8	5312.3	58.4	safe	
298	MH	MH28	MH281000	Satara	Satara	78336	78336	8865.8	3514.7	316.4	7407.4	20104.4	1395.9	18708.5	7335.9	0	733.7	8069.2	733.7	10639.3	43.1	safe	
299	MH	MH28	MH281100	Satara	Wai	52467	52467	3500.9	1659.5	21.7	3877.1	9059.2	719.1	8340.1	5298.5	0	419.7	5718.2	419.7	2621.8	68.6	safe	
300	MH	MH29	MH290100	Sindhudurg	Devgad	48229.35	48229.35	3632.1	25.3	0	296.7	3954	197.7	3756.3	1074.1	0	379.6	1453.7	379.6	2302.6	38.7	safe	
301	MH	MH29	MH290200	Sindhudurg	Doudamarg	11509.59	11509.59	579.6	10.6	0.7	76.4	667.3	33.4	634	272.3	0	82.3	354.6	82.3	279.3	55.9	safe	
302	MH	MH29	MH290300	Sindhudurg	Kankavali	46940.58	46940.58	3853.5	36.2	0	308.1	4197.2	20.9	3987.9	1060	0	361.2	1421.2	361.2	2566.7	35.6	safe	
303	MH	MH29	MH290400	Sindhudurg	Kudal	49252.15	49252.15	4185.2	41.3	0	625.5	4853	242.6	4610.4	387	0	387	2332.3	387	2378	48.4	safe	
304	MH	MH29	MH290500	Sindhudurg	Malvan	38108.97	38108.97	3202.5	11.6	0	274.9	3489.1	174.5	3314.6	1015	0	282.7	1297	282.7	2163.9	39.2	safe	
305	MH	MH29	MH290600	Sindhudurg	Sawantwadi	44371.67	44371.67	2356	48.8	3	332.7	2740.5	144.7	2595.8	906.7	0	365.4	365.4	1323.7	49	safe		
306	MH	MH29	MH290700	Sindhudurg	Vaibhavwadi	17782.87	17782.87	1360.6	6.4	0	132.2	1499.3	75	1424.3	501.8	0	184.3	686.2	184.3	738.1	48.2	safe	
307	MH	MH29	MH290800	Sindhudurg	Vengurla	23110.32	23110.32	1721.6	16	0.1	204.2	1941.9	97.1	1844.8	753.7	0	180.9	934.6	180.9	910.1	50.7	safe	
308	MH	MH30	MH300100	Solapur	Akalkot	140705	140705	11594.7	562.1	259.4	1783.5	14199.6	799.7	13399.9	6980.3	0.4	496.7	7477.3	496.7	5922.6	55.8	safe	
309	MH	MH30	MH300200	Solapur	Barshi	149562	149562	7986.1	850	75.6	2240.4	10752.1	537.6	10214.5	7633.3	0.1	465.2	8097.6	465.2	2115.9	79.3	safe	
310	MH	MH30	MH300300	Solapur	Barnali	193138	193138	10556.8	737.5	198.3	1275.3	12155.6	508.8	7983.2	378.5	0	387.8	8368.3	387.8	3337.6	72.3	semi critical	
311	MH	MH30	MH300400	Solapur	Madha	155933	155933	10792.8	1570.3	328.3	4236.3	16880.2	1233.6	15646.6	941.8	0.2	512.6	12846.4	512.6	4033.9	80.3	safe	
312	MH	MH30	MH300500	Solapur	Malshiras	149299	149299	8691.3	1866.9	657.7	9430.3	20646.2	1032.3	19613.9	19183.8	0	613.7	19797.6	613.7	3408.1	100.9	over exploited	
313	MH	MH30	MH300600	Solapur	Mangalwedha	113510	113510	5226.2	833.3	103.9	3025	9188.4	599.2	8589.2	6466.1	0	300.9	6767	300.9	1824.3	78.8	semi critical	
314	MH	MH30	MH300700	Solapur	Mohol	136046	136046	7605.2	1705	194	5012	14516.2	725.8	13790.4	11470.8	0.2	479.7	11950.7	479.7	3051.6	86.7	semi critical	
315	MH	MH30	MH300800	Solapur	NSolapur	58927	58927	4708.7	385.5	101.3	1404.8	6600.2	330	6270.2	3997.8	1.3	210.9	4210	210.9	2082.5	67.1	safe	
316	MH	MH30	MH300900	Solapur	Pandharpur	129010	129010	7914.7	1250	216.1	5871.8	15252.6	801.4	14451.1	10391.3	0	410.9	10902.2	410.9	4376.8	74.7	semi critical	
317	MH	MH30	MH301000	Solapur	Solapur	109415	109415	8692.2	368	210.7	10941.5	11119.9	501.5	10598.4	6363.3	0.4	382.9	6788.5	382.9	3857.1	63.6	safe	
318	MH	MH30	MH301100	Solapur	Sangola	176500	176500	9817.2	1122.3	699.2	2586.8	18225.6	819.6	14405.9	10103.1	0	621.5	10724.7	621.5	3811.2	74.4	semi critical	
319	MH	MH31	MH310100	Thane	Ambaroth	26980	26980	1643.2	35.9	0	143.1	1822.2	95.8	1726.4	286.6	0	66.4	352.9	66.4	1373.5	20.4	safe	
320	MH	MH31	MH310200	Thane	Bhivandi	40634	40634	2588.7	49.1	0	371.3	2959.2	160.4	2798.7	1007.1	0	131.5	1138.5	131.5	1660.2	40.7	safe	
321	MH	MH31	MH310300	Thane	Kalyan	12643	12643	792.7	15.8	0	46.3	854.7	42.7	812	121.2	0	43.6	164.8	43.6	647.2	20.3	safe	
322	MH	MH31	MH310400	Thane	Murbad	54378	54378	3324.8	77	0	347.1	3749	187.5	3561.5	211	0	137.4	348.4	137.4	3213.1	9.8	safe	
323	MH	MH31	MH310500	Thane	Shahapur	75675	75675	5049.2	108.5	0	1257.5	6415.2	392.2	6023	517.3	0	204.9	722.1	204.9	5300.8	12	safe	
324	MH	MH31	MH310600	Thane	Thane	21837	21837	1341.5	2.9	0	58.2	1402.6	70.1	1332.4	221.3	0	154.1	375.4	154.1	957.1	28.2	safe	
325	MH	MH31	MH310700	Thane	Ulhasnagar	1300	1300	77.1	0.9	0	9.2	87.3	4.4	82.9	33.3	0	18	35.1	1.8	47.8	44.4	safe	
326	MH	MH32	MH320100	Wardha	Arvi	79476	79476	6782.4	894	192.5	10644.6	5322	10112.4	4310	8	541	4859	541	5397	48.1	safe		
327	MH	MH32	MH320200	Wardha	Ashti	45935	45935	4120.7	579.6	102.8	2121.5	6924.6	346.2	6578.4	3129.9	5.1	299.9	3434.9	299.9	3143.5	52.2	safe	
328	MH	MH32	MH320300	Wardha	Deoli	68178	68178	7165.5	624.7	239	3280.5	11309.6	565.5	10744.1	3888.7	38	424.7	4351.4	424.7	6392.7	50.5	safe	

GENERAL DECSRIPTION OF THE GROUNDWATER ASSESMENT UNIT WATERSHADE WISE 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Rainfall Recharge				Recharge from other sorces				Total						
								C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1	WF_1	Andhrei	Mumbai Sub	0	2438.2	0	2438.2	0	6916.0	0	6916.0	0	6916.0	0	1501.9	0	1501.9	0	0.0	0	0	0	1501.9		
2	BM	BM-1	Osmanabad	837.4	837.4	0	837.4	1322.0	30478.0	0	31800.0	2409	34209.0	115.1	3159.8	0	3274.9	613.9	744.9	0	1358.8	729.0	3904.7	0	4633.7
3	BM	BM-1	Pune	760.8	760.8	760.8	760.8	0	9157.0	0	9157.0	3923	13080.0	0	868.6	0	868.6	0	358.6	0	358.6	0	1227.2	0	1227.2
4	BM	BM-1	Ahmednagar	597.0	597.0	597.0	597.0	0	6780.0	0	6780.0	1197	7977.0	0	265.0	0	265.0	0	38.1	0	38.1	0	303.1	0	303.1
5	BM	BM-10	Osmanabad	898.8	898.8	0	898.8	639.0	9778.0	0	10417.0	502	10919.0	70.8	1084.0	0	1154.9	11.6	259.3	0	270.9	82.4	1343.4	0	1425.8
6	BM	BM-10	Pune	713.6	713.6	713.6	713.6	0	10074.4	0	10074.4	7296	17370.0	0	969.0	0	969.0	0	56.2	0	56.2	0	1025.2	0	1025.2
7	BM	BM-100	Satara	552.8	552.8	0	552.8	795.0	34479.0	0	35274.0	1840	37114.0	45.7	2329.6	0	2375.3	251.7	648.6	0	900.3	297.4	2978.2	0	3275.6
8	BM	BM-101	Satara	0	552.8	0	552.8	0	35459.0	0	35459.0	4520	39979.0	0	2395.9	0	2395.9	247.4	1590.7	0	1838.2	247.4	3986.6	0	4234.0
9	BM	BM-102	Satara	0	552.8	0	552.8	0	27011.0	0	27011.0	1960	28971.0	0	1825.1	0	1825.1	0	782.4	0	782.4	0	2607.4	0	2607.4
10	BM	BM-103	Satara	0	552.8	0	552.8	0	19359.0	0	19359.0	2360	21719.0	0	1308.0	0	1308.0	0	463.9	0	463.9	0	1771.9	0	1771.9
11	BM	BM-103	Sangli	0	441.2	0	441.2	0	9158.0	0	9158.0	0	9158.0	0	481.2	0	481.2	0	356.8	0	356.8	0	838.0	0	838.0
12	BM	BM-104	Satara	0	552.8	0	552.8	0	16323.0	0	16323.0	500	16823.0	0	1102.9	0	1102.9	1080.3	578.5	0	1658.8	1080.3	2978.2	0	2761.7
13	BM	BM-104	Sangli	441.2	441.2	0	441.2	2401.0	23374.0	0	25775.0	0	25775.0	110.2	1135.5	0	1245.7	649.9	1246.7	0	1896.6	760.1	2382.2	0	3142.3
14	BM	BM-105	Solapur	0	547.6	0	547.6	0	16270.0	0	16270.0	0	16270.0	0	1094.9	0	1094.9	142.5	383.1	0	525.6	142.5	1478.0	0	1620.5
15	BM	BM-105	Sangli	0	441.2	0	441.2	0	3137.0	0	3137.0	0	3137.0	0	164.8	0	164.8	0	136.1	0	136.1	0	300.9	0	300.9
16	BM	BM-106	Solapur	0	547.6	0	547.6	0	28420.0	0	28420.0	0	28420.0	0	1912.5	0	1912.5	0	562.0	0	562.0	0	2474.5	0	2474.5
17	BM	BM-107	Solapur	698.1	698.1	0	698.1	10865.0	36220.0	0	47085.0	788.8	26297.0	0	3418.5	551.7	3418.5	551.7	769.1	0	1320.8	1340.5	3398.8	0	4739.3
18	BM	BM-108	Solapur	584.0	584.0	0	584.0	11327.0	26106.0	0	37433.0	0	37433.0	402.9	1022.1	0	1425.0	1398.6	333.3	0	1731.9	1801.5	3355.4	0	3156.9
19	BM	BM-109	Solapur	603.3	603.3	0	603.3	7453.0	18891.0	0	26344.0	0	26344.0	454.5	1184.0	0	1638.5	437.4	217.7	0	655.1	892.0	1401.7	0	2293.6
20	BM	BM-11	Osmanabad	898.8	898.8	0	898.8	1663.0	20146.0	0	21809.0	2610	24419.0	184.4	2233.5	0	2417.9	22.3	495.4	0	517.7	206.7	2728.8	0	2935.5
21	BM	BM-11	Pune	624.0	624.0	624.0	624.0	884.5	11291.0	0	12175.4	10705	22880.0	73.9	906.6	0	980.6	151.4	323.1	0	474.4	225.3	1229.7	0	1455.0
22	BM	BM-110	Solapur	0	769.7	0	769.7	0	14997.0	0	14997.0	0	14997.0	0	1210.3	0	1210.3	446.7	333.6	0	780.3	446.7	1544.0	0	1990.6
23	BM	BM-111	Solapur	0	584.0	0	584.0	0	17021.0	0	17021.0	0	17021.0	0	666.4	0	666.4	0	463.5	0	463.5	0	1129.9	0	1129.9
24	BM	BM-112	Solapur	0	547.6	0	547.6	0	31716.0	0	31716.0	0	31716.0	0	1149.2	0	1149.2	0	487.0	0	487.0	0	1636.2	0	1636.2
25	BM	BM-112	Sangli	617.3	617.3	0	617.3	581.0	550.0	0	1161.0	0	1161.0	42.7	42.7	0	85.2	22.6	28.7	0	51.2	65.2	71.2	0	136.5
26	BM	BM-113	Sangli	441.2	441.2	0	441.2	20064.0	5595.0	0	25659.0	0	25659.0	1054.2	294.0	0	1348.2	1544.9	386.7	0	1931.5	2599.1	680.0	0	3279.7
27	BM	BM-114	Sangli	441.2	441.2	0	441.2	20113.0	2456.0	0	22569.0	0	22569.0	1056.8	112.7	0	1169.5	4033.6	708.4	0	4742.0	5090.4	821.1	0	5911.5
28	BM	BM-115	Solapur	0	547.6	0	547.6	0	11814.0	0	11814.0	676	12490.0	0	795.0	0	795.0	0	411.8	0	411.8	0	1206.8	0	1206.8
29	BM	BM-115	Sangli	497.9	497.9	0	497.9	2431.0	3733.0	0	6164.0	0	6164.0	141.7	220.3	0	362.0	315.0	155.0	0	470.0	456.8	375.2	0	832.0
30	BM	BM-116	Solapur	547.6	547.6	0	547.6	13598.0	24242.0	0	37840.0	0	37840.0	915.1	1631.3	0	2546.4	533.2	498.3	0	1031.5	1448.3	2129.6	0	3577.9
31	BM	BM-116	Sangli	497.9	617.3	0	581.6	3796.0	8892.0	0	12690.0	0	12690.0	224.1	629.7	0	853.8	281.2	105.7	0	386.9	505.3	735.4	0	1240.8
32	BM	BM-117	Sangli	497.9	616.9	0	559.3	6510.6	6956.4	0	13467.0	0	13467.0	308.9	446.3	0	755.2	1136.6	404.5	0	1541.2	1445.5	850.8	0	2296.3
33	BM	BM-117	Solapur	0	547.6	0	547.6	0	19710.0	0	19710.0	0	19710.0	0	714.2	0	714.2	0	522.5	0	522.5	0	1236.7	0	1236.7
34	BM	BM-118	Sangli	617.3	617.3	0	617.3	27102.2	10874.8	0	37977.0	0	37977.0	1990.0	698.2	0	2688.2	1608.5	797.9	0	2406.3	3598.5	1496.0	0	5094.5
35	BM	BM-119	Sangli	617.3	617.3	0	617.3	6897.5	7994.5	0	14892.0	0	14892.0	506.5	439.5	0	945.9	608.7	201.0	0	809.6	1115.1	640.4	0	1755.6
36	BM	BM-119	Solapur	0	584.0	0	584.0	0	34460.0	0	34460.0	0	34460.0	0	1349.2	0	1349.2	0	987.6	0	987.6	0	2336.8	0	2336.8
37	BM	BM-12	Pune	713.6	713.6	713.6	713.6	11994.2	17455.8	0	26750.0	0	26750.0	951.4	1182.7	0	2134.0	2309.8	428.7	0	2738.5	3261.1	1611.4	0	4872.5
38	BM	BM-120	Sangli	0	617.3	0	617.3	0	6811.0	0	6811.0	0	6811.0	0	500.1	0	500.1	0	151.6	0	151.6	0	651.8	0	651.8
39	BM	BM-121	Sangli	617.3	617.3	0	617.3	8928.0	23064.0	0	31992.0	0	31992.0	655.6	1693.5	0	2349.1	331.0	634.5	0	965.5	986.6	2328.0	0	3314.5
40	BM	BM-122	Sangli	0	617.3	0	617.3	0	34385.0	0	34385.0	0	34385.0	0	2497.9	0	2497.9	0	1240.8	0	1240.8	0	3738.8	0	3738.8
41	BM	BM-123	Sangli	617.3	617.3	0	617.3	138.4	45392.7	0	45531.0	0	45531.0	8.9	3333.0	0	3341.9	82.2	1544.2	0	1626.5	91.1	4877.2	0	4968.4
42	BM	BM-129	Solapur	0	782.2	0	782.2	0	8876.0	0	8876.0	0	8876.0	0	863.1	0	863.1	61.7	172.3	0	234.0	61.7	1035.4	0	1097.0
43	BM	BM-13	Pune	457.1	457.1	457.1	457.1	0	10380.0	0	10380.0	0	10380.0	0	623.7	0	623.7	229.2	219.5	0	448.6	229.2	843.2	0	1072.

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Rainfall Recharge				Recharge from other sorces				Total						
								C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
79	BM	BM-35	Pune	457.1	457.1	457.1	457.1	17159.3	11140.7	0	28300.0	0	28300.0	1031.1	669.4	0	1700.5	896.2	159.1	0	1055.2	1927.2	828.5	0	2755.8
80	BM	BM-36	Pune	615.8	615.8	615.8	615.8	0	19300.0	0	19300.0	0	19300.0	0	1190.3	0	1190.3	418.9	481.0	0	899.9	418.9	1671.3	0	2090.2
81	BM	BM-37	Pune	615.8	615.8	615.8	615.8	0	15300.0	0	15300.0	0	15300.0	0	1013.1	0	1013.1	224.4	198.7	0	423.1	224.4	1211.8	0	1436.2
82	BM	BM-38	Pune	1118.5	1118.5	1118.5	1118.5	789.5	7969.8	0	8759.3	7031	15790.0	81.2	819.8	0	901.0	97.1	13.4	0	110.5	178.3	833.2	0	1011.5
83	BM	BM-39	Pune	1118.5	1118.5	1118.5	1118.5	0	13111.8	0	13111.8	5938	19050.0	0	1348.7	0	1348.7	0	79.7	0	79.7	0	1428.4	0	1428.4
84	BM	BM-4	Pune	760.8	760.8	760.8	760.8	1609.0	17071.0	0	18680.0	0	18680.0	121.8	1082.1	0	1203.9	278.4	565.6	0	844.1	400.2	1647.7	0	2047.9
85	BM	BM-4 A	Osmanabad	837.4	837.4	0	837.4	1172.0	5664.0	0	6836.0	913	7749.0	120.8	587.2	0	708.0	24.6	126.0	0	150.6	145.5	713.2	0	858.6
86	BM	BM-40	Pune	1118.5	1118.5	1118.5	1118.5	0	9518.2	0	9518.2	8592	18110.0	0	979.1	0	979.1	0	114.9	0	114.9	0	1094.0	0	1094.0
87	BM	BM-41	Pune	1118.5	1118.5	1118.5	1118.5	2554.5	6698.5	0	9253.0	9447	18700.0	262.8	989.0	0	951.8	371.5	86.0	0	458.2	634.2	775.7	0	1410.0
88	BM	BM-42	Pune	615.8	615.8	615.8	615.8	0	16287.8	0	16287.8	2302	18590.0	0	1104.1	0	1104.1	0	41.9	0	41.9	0	1146.0	0	1146.0
89	BM	BM-43	Pune	1484.1	1484.1	1484.1	1484.1	1977.7	7615.7	0	9593.4	11357	20950.0	340.6	1049.2	0	1389.8	527.2	141.7	0	668.8	867.8	1190.9	0	2058.6
90	BM	BM-44	Pune	1484.1	1484.1	1484.1	1484.1	0	7372.7	0	7372.7	22417	29790.0	0	1015.7	0	1015.7	247.8	38.9	0	286.6	247.8	1054.6	0	1302.4
91	BM	BM-45	Pune	1484.1	1484.1	1484.1	1484.1	0	12562.5	0	12562.5	11338	23900.0	0	1730.7	0	1730.7	194.9	210.4	0	405.3	194.9	1941.1	0	2136.0
92	BM	BM-46	Pune	615.8	615.8	615.8	615.8	0	27290.0	0	27290.0	0	27290.0	0	2226.6	0	2226.6	1418.7	580.7	0	1999.4	1418.7	2807.4	0	4226.1
93	BM	BM-47	Ahmednagar	556.0	556.0	556.0	556.0	0	36259.0	0	36259.0	0	36259.0	0	2434.5	0	2434.5	0	745.2	0	745.2	0	3179.7	0	3179.7
94	BM	BM-47	Solapur	0	614.6	0	614.6	0	8532.0	0	8532.0	0	8532.0	0	350.9	0	350.9	0	61.3	0	61.3	0	412.2	0	412.2
95	BM	BM-48	Pune	464.2	464.2	464.2	464.2	25713.9	905.4	7760.7	34380.0	0	34380.0	1241.4	36.9	374.7	1652.9	62.3	71.9	0	3300.8	4408.0	99.2	446.5	4953.7
96	BM	BM-49	Pune	464.2	464.2	464.2	464.2	7995.8	14476.4	3967.8	26440.0	0	26440.0	386.0	829.5	227.4	1442.9	2129.3	304.9	34.7	2468.9	2515.3	1134.4	262.1	3911.8
97	BM	BM-5	Pune	760.8	760.8	760.8	760.8	1630.9	4129.1	0	5760.0	0	5760.0	129.0	323.2	0	452.3	514.1	277.5	0	791.6	643.1	600.7	0	1243.8
98	BM	BM-5	Ahmednagar	574.0	574.0	574.0	574.0	7854.0	8943.0	0	16797.0	1073	17870.0	546.4	622.1	0	1168.5	377.1	172.4	0	549.5	923.5	794.5	0	1718.0
99	BM	BM-5	Osmanabad	837.4	837.4	0	837.4	830.0	13767.0	0	14597.0	1917	16514.0	86.1	1427.3	0	1513.3	18.4	282.5	0	300.9	104.5	1709.8	0	1814.2
100	BM	BM-50	Pune	464.2	464.2	464.2	464.2	10737.2	11097.0	4531.1	26365.4	2425	28790.0	615.3	535.7	259.6	1410.6	2049.5	228.7	56.3	2334.5	2664.7	764.5	315.9	3745.1
101	BM	BM-51	Pune	615.8	615.8	615.8	615.8	11131.5	14068.5	0	25200.0	0	25200.0	908.2	1147.9	0	2056.1	996.1	181.9	0	1177.9	1904.3	1329.7	0	3234.1
102	BM	BM-52	Pune	615.8	615.8	615.8	615.8	8224.3	13905.7	0	22130.0	0	22130.0	559.2	1090.6	0	1649.8	1512.6	248.1	0	1760.7	2071.8	1338.7	0	3410.5
103	BM	BM-53	Pune	1484.1	1484.1	1484.1	1484.1	0	13472.9	0	13472.9	10567	24040.0	0	1856.1	0	1856.1	113.8	24.5	0	138.2	113.8	1880.6	0	1994.4
104	BM	BM-54	Pune	2715.7	2715.7	2715.7	2715.7	0	13092.4	0	13092.4	15058	28150.0	0	4118.9	0	4118.9	0	16.1	0	16.1	0	4133.9	0	4133.9
105	BM	BM-55	Pune	615.8	615.8	615.8	615.8	870.3	12510.2	0	13380.5	10770	24150.0	59.2	803.1	0	862.3	404.8	117.9	0	522.6	463.9	921.0	0	1385.0
106	BM	BM-56	Pune	2715.7	2715.7	2715.7	2715.7	0	9478.0	0	9478.0	11342	20820.0	0	2385.5	0	2385.5	66.9	92.9	0	159.9	66.9	2478.4	0	2545.3
107	BM	BM-57	Pune	929.1	929.1	929.1	929.1	0	13034.0	0	13034.0	20916	33950.0	0	1224.2	0	1224.2	145.5	328.4	0	473.9	145.5	1552.6	0	1698.0
108	BM	BM-58	Pune	572.4	572.4	572.4	572.4	0	32620.0	0	32620.0	0	32620.0	0	1941.9	0	1941.9	19.5	11515.9	0	11535.4	19.5	13457.8	0	13477.3
109	BM	BM-59	Pune	572.4	572.4	572.4	572.4	0	23430.0	0	23430.0	0	23430.0	0	1657.0	0	1657.0	7.7	806.8	0	814.4	7.7	2463.8	0	2471.5
110	BM	BM-6	Pune	760.8	760.8	760.8	760.8	6391.9	7179.7	0	13571.6	1508	15080.0	505.8	681.1	0	1186.8	1078.1	149.2	0	1227.4	1583.9	830.3	0	2414.2
111	BM	BM-6 A	Osmanabad	837.4	837.4	0	837.4	198.0	4698.0	0	4896.0	584	5480.0	20.5	487.1	0	507.6	2.8	146.9	0	149.7	23.3	634.0	0	657.3
112	BM	BM-60	Pune	472.6	472.6	472.6	472.6	0	24620.0	0	24620.0	0	24620.0	0	1210.1	0	1210.1	100.6	2045.8	0	2146.4	100.6	3255.9	0	3356.5
113	BM	BM-61	Pune	464.2	464.2	464.2	464.2	8462.6	15882.9	0	24345.4	2995	27340.0	484.9	879.1	0	1364.0	2640.6	360.9	0	3001.4	3125.5	1239.9	0	4365.4
114	BM	BM-62	Solapur	0	614.6	0	614.6	0	21701.0	0	21701.0	0	21701.0	0	892.5	0	892.5	11.7	328.8	0	340.5	11.7	1221.2	0	1232.9
115	BM	BM-63	Solapur	0	614.6	0	614.6	0	24983.0	0	24983.0	0	24983.0	0	1908.1	0	1908.1	16.9	460.9	0	477.8	16.9	2369.0	0	2385.9
116	BM	BM-64	Solapur	0	614.6	0	614.6	0	23013.0	0	23013.0	0	23013.0	0	1757.7	0	1757.7	9.8	240.0	0	249.9	9.8	1997.7	0	2007.5
117	BM	BM-65	Solapur	0	614.6	0	614.6	0	17307.0	0	17307.0	0	17307.0	0	1321.8	0	1321.8	10.7	252.3	0	263.0	10.7	1574.1	0	1584.8
118	BM	BM-66	Pune	467.9	467.9	467.9	467.9	16525.7	1444.3	0	17970.0	0	17970.0	821.3	86.1	0	907.5	3966.2	29.7	0	3995.8	4787.5	115.8	0	4903.3
119	BM	BM-67	Pune	467.9	467.9	467.9	467.9</																		

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Rainfall Recharge				Recharge from other sorces				Total	C	NC	PQ	Total		
								C	NC	PQ	C			NC	PQ	C	NC	PQ						C	NC
165	GP	GP-10	Aurangabad	635.0	635.0	0	635.0	1562.0	32549.0	0	34111.0	1075	35186.0	82.8	1724.3	0	1807.1	396.6	696.5	0	1093.1	479.3	2420.8	0	2900.1
166	GP	GP-11	Jalna	664.0	664.0	0	664.0	2163.0	17459.0	0	19622.0	0	19622.0	159.9	1391.8	0	1551.8	187.6	311.1	0	498.7	347.6	1702.9	0	2050.5
167	GP	GP-11	Aurangabad	670.0	670.0	0	670.0	104.0	7585.0	0	7689.0	80	7769.0	9.1	787.5	0	796.5	113.4	179.9	0	293.3	122.5	967.4	0	1089.9
168	GP	GP-12 B	Jalna	0	664.0	0	664.0	0	7199.4	0	7199.4	0	7199.4	0	601.5	0	601.5	7.0	247.8	0	254.8	7.0	849.3	0	856.4
169	GP	GP-13	Jalna	664.0	664.0	0	664.0	1054.0	7067.8	0	8121.8	0	8121.8	88.1	590.5	0	678.6	42.1	254.0	0	296.1	130.2	844.5	0	974.8
170	GP	GP-13 A	Aurangabad	670.0	670.0	0	670.0	1800.0	2507.0	0	4307.0	0	4307.0	186.9	260.3	0	447.1	777.6	108.8	0	886.3	964.4	369.0	0	1333.5
171	GP	GP-14	Aurangabad	0	635.0	0	635.0	0	8754.0	0	8754.0	0	8754.0	0	861.3	0	861.3	0	293.3	0	293.3	0	1154.5	0	1154.5
172	GP	GP-14 B	Jalna	0	664.0	0	664.0	0	5244.0	0	5244.0	0	5244.0	0	438.2	0	438.2	0	244.0	0	244.0	0	682.1	0	682.1
173	GP	GP-15	Jalna	0	664.0	0	664.0	0	3371.5	0	3371.5	0	3371.5	0	244.1	0	244.1	0	104.3	0	104.3	0	348.4	0	348.4
174	GP	GP-15	Aurangabad	635.0	635.0	0	635.0	0	10558.0	800	11358.0	0	11358.0	0	1038.7	0	1038.7	0	449.3	0	449.3	0	1488.0	0	1488.0
175	GP	GP-16	Jalna	0	642.0	0	642.0	0	6368.0	0	6368.0	0	6368.0	0	532.3	5.7	532.3	5.7	124.8	0	130.5	5.7	657.0	0	662.8
176	GP	GP-16	Aurangabad	635.0	635.0	0	635.0	7803.0	9650.0	0	17453.0	3081	20534.0	413.4	511.2	0	924.6	387.4	168.3	0	555.6	800.7	679.5	0	1480.2
177	GP	GP-17	Aurangabad	624.0	624.0	0	624.0	1885.0	19352.0	0	21237.0	0	21237.0	123.4	1266.9	0	1390.4	666.3	459.6	0	1125.9	789.7	1726.6	0	2516.2
178	GP	GP-17	Jalna	0	642.0	0	642.0	0	4521.0	0	4521.0	0	4521.0	0	314.9	0	314.9	0	109.3	0	109.3	0	424.2	0	424.2
179	GP	GP-17 B	Aurangabad	0	635.0	0	635.0	0	7976.0	0	7976.0	181	8157.0	0	422.5	1.4	422.5	1.4	138.9	0	140.3	1.4	561.4	0	562.8
180	GP	GP-17 B	Jalna	0	689.0	0	689.0	0	8999.0	0	8999.0	0	8999.0	0	435.5	0	435.5	0	233.9	0	233.9	0	669.4	0	669.4
181	GP	GP-18 A	Jalna	664.0	664.0	0	664.0	1380.0	22670.0	0	24050.0	0	24050.0	114.4	1894.2	0	2008.6	157.6	474.0	0	631.6	272.0	2368.1	0	2640.1
182	GP	GP-18 A	Aurangabad	670.0	670.0	0	670.0	0	5945.0	0	5945.0	0	5945.0	0	608.1	0	608.1	0	107.2	0	107.2	0	715.3	0	715.3
183	GP	GP-19	Jalna	0	664.0	0	664.0	0	9785.5	0	9785.5	0	9785.5	0	817.6	0	817.6	0	269.0	0	269.0	0	1086.6	0	1086.6
184	GP	GP-2	Aurangabad	803.0	803.0	0	803.0	730.0	29209.0	0	29939.0	3603	33542.0	62.0	3618.0	0	3679.9	190.6	812.2	0	1002.9	252.6	4430.2	0	4682.8
185	GP	GP-2	Buldhana	813.0	813.0	0	813.0	320.0	6731.0	0	7051.0	1629	8680.0	21.7	682.5	0	704.1	57.4	256.3	0	313.6	79.0	938.7	0	1017.8
186	GP	GP-20	Jalna	0	642.0	0	642.0	0	23390.0	0	23390.0	0	23390.0	0	1955.1	0	1955.1	0	586.0	0	586.0	0	2541.1	0	2541.1
187	GP	GP-21	Jalna	642.0	642.0	0	642.0	534.0	28952.0	0	29486.0	0	29486.0	37.2	2420.0	0	2457.2	239.5	687.8	0	927.3	276.7	3107.7	0	3384.5
188	GP	GP-22	Jalna	664.0	664.0	0	664.0	631.0	7844.0	0	8475.0	0	8475.0	52.7	655.4	0	708.1	15.9	187.6	0	203.4	68.6	842.9	0	911.5
189	GP	GP-23	Jalna	0	664.0	0	664.0	0	18648.0	0	18648.0	0	18648.0	0	1558.1	0	1558.1	0	555.5	0	555.5	0	2113.6	0	2113.6
190	GP	GP-24	Jalna	642.0	642.0	0	642.0	3167.0	2985.2	0	6152.2	0	6152.2	264.7	249.5	0	514.2	166.2	89.6	0	255.8	430.9	339.1	0	770.0
191	GP	GP-24	Aurangabad	1218.0	1218.0	0	1218.0	0	3207.0	0	3207.0	0	3207.0	0	300.8	0	300.8	0	88.4	0	88.4	0	389.1	0	389.1
192	GP	GP-25	Jalna	0	642.0	0	642.0	0	7656.0	0	7656.0	0	7656.0	0	639.9	0	639.9	0	147.2	0	147.2	0	787.1	0	787.1
193	GP	GP-26	Jalna	689.0	689.0	0	689.0	413.0	24497.0	0	24910.0	0	24910.0	20.0	1185.5	0	1205.5	151.7	309.2	0	460.9	171.7	1494.6	0	1666.4
194	GP	GP-27	Jalna	0	750.0	0	750.0	0	13468.0	0	13468.0	0	13468.0	0	1255.4	26.6	1255.4	26.6	537.2	0	563.9	26.6	1792.6	0	1819.2
195	GP	GP-28	Jalna	750.0	750.0	0	750.0	1062.0	16598.0	0	17660.0	0	17660.0	66.7	1547.1	0	1613.8	247.4	308.3	0	555.7	314.1	1855.4	0	2169.5
196	GP	GP-29	Jalna	642.0	642.0	0	642.0	1317.0	54942.5	0	56259.5	0	56259.5	73.4	3224.5	0	3297.9	169.1	880.0	0	1049.1	242.5	4104.5	0	4347.1
197	GP	GP-3	Washim	924.0	924.0	0	924.0	512.0	4547.0	0	5059.0	1212	6271.0	61.2	543.1	0	604.2	116.9	176.7	0	293.6	178.1	719.8	0	897.9
198	GP	GP-3	Aurangabad	635.0	635.0	0	635.0	2672.0	27734.0	0	30406.0	5080	35486.0	141.6	2439.4	0	2581.0	1049.8	1044.5	0	2094.3	1191.4	3484.0	0	4675.3
199	GP	GP-30	Jalna	0	642.0	0	642.0	0	14677.0	0	14677.0	0	14677.0	0	1226.8	45.6	1226.8	45.6	351.4	0	397.0	45.6	1578.2	0	1623.8
200	GP	GP-31	Jalna	689.0	689.0	0	689.0	384.0	25693.0	0	26077.0	0	26077.0	33.4	2309.1	0	2342.5	141.7	482.9	0	624.6	175.1	2792.0	0	2967.1
201	GP	GP-32 A	Jalna	750.0	750.0	0	750.0	916.0	15970.0	0	16886.0	0	16886.0	85.4	1488.6	0	1573.9	125.3	349.2	0	474.4	210.6	1837.7	0	2048.4
202	GP	GP-32 A	Jalna	0	750.0	0	750.0	0	11194.0	0	11194.0	0	11194.0	0	1043.4	0	1043.4	25.1	312.8	0	337.9	25.1	1356.2	0	1381.3
203	GP	GP-33	Jalna	0	642.0	0	642.0	0	9238.0	0	9238.0	0	9238.0	0	772.2	0	772.2	11.2	382.1	0	393.3	11.2	1154.3	0	1165.5
204	GP	GP-34	Jalna	0	642.0	0	642.0	0	6620.0	0	6620.0	0	6620.0	0	368.9	0	368.9	0	152.1	0	152.1	0	520.9	0	520.9
205	GP	GP-35 A	Jalna	0	689.0	0	689.0	0	11499.0	0	11499.0	0	11499.0	0	463.7	0	463.7	0	179.7	0	179.7	0	643.4	0	643.4
206	GP	GP-35 B	Jalna	0	720.0	0	720.0	0	10644.0	0	10644.0	0	10644.0	0	550.8	0	550.8	0	164.1	0	164.1	0	714.9	0	

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	C	NC	PQ	Total			Rainfall Recharge				Recharge from other sorces				Total			
				C	NC	PQ	Total	C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
251	GP	GP-6 B	Jalna	0	664.0	0	664.0	0	5572.0	0	5572.0	0	5572.0	0	465.6	0	465.6	0	203.0	0	203.0	0	668.6	0	668.6
252	GP	GP-60 A	Hingoli	1041.0	1041.0	0	1041.0	21155.0	0.0	0	21155.0	0	21155.0	2738.0	0	0	2738.0	13907.9	159.0	0	14066.8	16645.9	159.0	0	16804.8
253	GP	GP-60 B	Parbhani	893.0	893.0	0	893.0	501.0	406.0	0	907.0	0	907.0	55.4	44.9	0	2738.0	47.4	5.3	0	52.8	102.8	50.2	0	153.0
254	GP	GP-61	Parbhani	893.0	766.0	0	893.0	6610.0	0.0	0	6610.0	0	6610.0	730.2	0	0	730.2	187.2	1.3	0	188.5	917.4	1.3	0	918.6
255	GP	GP-62	Parbhani	893.0	0.0	0	893.0	8371.0	0.0	0	8371.0	0	8371.0	715.2	0	0	715.2	210.7	3.8	0	214.6	925.9	3.8	0	929.8
256	GP	GP-63 A	Hingoli	1041.0	1041.0	0	1041.0	20521.0	2371.0	0	22892.0	0	22892.0	2655.9	280.7	0	2936.6	1841.9	128.7	0	1970.6	4497.9	409.4	0	4907.2
257	GP	GP-63 B	Parbhani	1019.0	0.0	0	1019.0	17968.0	0.0	0	17968.0	0	17968.0	1876.0	0	0	1876.0	2115.1	2.8	0	2117.9	3991.1	2.8	0	3993.9
258	GP	GP-7	Aurangabad	635.0	635.0	0	635.0	4120.0	17853.0	0	21973.0	0	21973.0	218.3	1472.1	0	1690.4	297.0	454.0	0	751.1	515.3	1926.1	0	2441.4
259	GP	GP-7	Buldhana	799.0	799.0	0	799.0	964.0	22137.0	0	23101.0	3025	26126.0	96.3	2210.5	0	2306.8	92.6	812.2	0	904.9	188.9	3022.7	0	3211.6
260	GP	GP-8	Aurangabad	0	635.0	0	510.3	4300.0	17602.0	0	21902.0	774	22676.0	0	1731.8	1127.3	440.1	1567.4	1127.3	0	1567.4	1127.3	2171.8	0	3299.2
261	GP	GP-9	Aurangabad	635.0	635.0	0	635.0	364.0	21180.0	0	21544.0	2615	24159.0	19.3	1122.0	0	1141.3	81.4	505.4	0	586.8	100.7	1627.5	0	1728.1
262	GPA	GPA-1	Buldhana	799.0	799.0	0	799.0	896.0	23937.0	0	24833.0	3672	28505.0	75.2	2110.5	0	2185.7	181.8	668.5	0	850.4	257.0	2779.1	0	3036.1
263	GPD	GPD-1	Buldhana	786.0	786.0	0	786.0	916.0	17836.0	0	18752.0	1246	19998.0	85.1	1659.5	0	1744.5	81.1	674.8	0	755.9	166.2	2334.3	0	2500.5
264	GPD	GPD-2	Buldhana	786.0	786.0	0	786.0	321.0	4114.0	0	4435.0	85	4520.0	31.4	402.9	0	434.3	28.1	174.9	0	202.9	59.5	577.7	0	637.3
265	GPD	GPD-3	Buldhana	0	805.0	0	805.0	0	4270.0	0	4270.0	354	4624.0	0	401.6	0	401.6	0	180.9	0	180.9	0	582.5	0	582.5
266	PGDG	PGDG-1	Buldhana	0	710.0	0	710.0	0	5857.0	0	5857.0	1218	7075.0	0	518.8	0	518.8	0	230.1	0	230.1	0	748.9	0	748.9
267	GPP	GPP-1	Buldhana	710.0	710.0	0	710.0	435.0	14802.0	0	15237.0	4678	19915.0	38.5	1311.2	0	1349.7	36.3	629.6	0	665.9	74.9	1940.8	0	2015.6
268	GV	GV-1	Gadchiroli	0	1096.4	0	1096.4	0	19067.0	0	19067.0	50	19117.0	0	2107.8	0	2107.8	0	314.3	0	314.3	0	2422.1	0	2422.1
269	GV	GV-1	Nashik	846.4	846.4	0	846.4	3210.0	21390.0	0	24600.0	6200	30800.0	338.7	2257.0	0	2595.7	519.9	431.9	0	951.8	858.6	2688.9	0	3547.5
270	GV	GV-10	Nashik	818.8	818.8	0	818.8	2611.0	9818.0	0	12429.0	3207	15636.0	222.3	836.1	0	1058.4	256.2	180.3	0	436.4	478.5	1016.3	0	1494.8
271	GV	GV-100	Ahmednagar	597.0	597.0	597.0	597.0	0	23529.0	0	23529.0	6254	29783.0	0	919.5	0	919.5	0	65.8	0	65.8	0	985.3	0	985.3
272	GV	GV-100 A	Hingoli	1041.0	0.0	0	990.3	22884.0	1172.0	0	24056.0	0	24056.0	2606.6	0	0	2606.6	2129.9	208.0	0	2337.9	4736.5	208.0	0	4944.5
273	GV	GV-100 B	Nanded	940.6	994.6	0	969.4	9040.0	10405.0	0	19445.0	1725	21170.0	714.3	867.4	0	1581.6	993.7	129.0	0	1122.7	1708.0	996.4	0	2704.4
274	GV	GV-101	Nanded	964.5	964.8	0	964.8	1540.0	25625.0	0	27165.0	645	30625.0	184.0	3062.5	0	3246.5	236.8	161.7	0	398.5	420.7	3224.2	0	3645.0
275	GV	GV-101	Ahmednagar	597.0	597.0	597.0	597.0	7488.0	12410.0	0	19988.0	5612	25510.0	292.6	485.0	0	777.6	1001.6	249.5	0	1251.1	1294.2	734.5	0	2028.7
276	GV	GV-102	Ahmednagar	597.0	597.0	597.0	597.0	0	17676.0	0	17676.0	5892	23568.0	0	1282.8	0	1282.8	0	584.3	0	584.3	0	1867.1	0	1867.1
277	GV	GV-102	Nanded	994.5	994.5	0	994.5	20458.0	6200.0	0	26658.0	3362	30020.0	2438.4	699.3	0	3137.7	1342.9	100.4	0	1443.3	3781.3	799.7	0	4581.0
278	GV	GV-103	Nanded	994.5	994.5	0	994.5	5347.0	14568.0	0	19915.0	115	20030.0	660.3	549.2	0	2459.3	771.3	141.9	0	913.2	1431.6	1940.9	0	3372.6
279	GV	GV-103	Ahmednagar	597.0	597.0	597.0	597.0	0	14055.0	3297	17352.0	0	17352.0	0	549.2	0	549.2	0	77.9	0	77.9	0	627.2	0	627.2
280	GV	GV-104	Nanded	964.2	964.2	0	964.2	4346.0	28264.0	0	32610.0	0	32610.0	519.1	3375.7	0	3894.8	264.8	385.3	0	650.1	783.8	3761.0	0	4544.9
281	GV	GV-104	Ahmednagar	597.0	597.0	597.0	597.0	0	14939.0	3060	17999.0	0	17999.0	0	1084.2	0	1084.2	0	290.9	0	290.9	0	1375.1	0	1375.1
282	GV	GV-105	Ahmednagar	597.0	597.0	597.0	597.0	0	25534.0	7202	32736.0	0	32736.0	0	997.8	0	997.8	0	692.0	0	692.0	0	1689.8	0	1689.8
283	GV	GV-105	Nanded	994.5	994.5	0	994.5	1916.6	32853.4	0	34770.0	2070	36840.0	159.8	2738.5	0	2898.2	305.2	363.0	0	668.1	464.9	3101.4	0	3566.4
284	GV	GV-106	Nanded	964.2	964.2	0	964.2	4297.0	26153.0	0	30450.0	3910	34360.0	383.4	2253.2	0	2636.5	357.9	270.8	0	628.7	741.3	2523.9	0	3265.2
285	GV	GV-106	Ahmednagar	497.0	497.0	497.0	497.0	0	22162.0	0	22162.0	3608	25770.0	0	1351.4	0	1351.4	0	472.8	0	472.8	0	1824.2	0	1824.2
286	GV	GV-107	Ahmednagar	497.0	497.0	497.0	497.0	0	11654.0	0	11654.0	0	11654.0	0	710.6	0	710.6	0	258.3	0	258.3	0	968.9	0	968.9
287	GV	GV-107	Nanded	1027.2	1027.2	0	1027.2	2931.0	26859.0	0	29790.0	1840	31630.0	306.2	2753.3	0	3059.5	139.3	201.1	0	340.4	445.6	2954.3	0	3399.9
288	GV	GV-108	Ahmednagar	497.0	497.0	497.0	497.0	0	20387.0	0	20387.0	4476	24863.0	0	1243.2	0	1243.2	0	269.1	0	269.1	0	1512.3	0	1512.3
289	GV	GV-108	Nanded	1027.2	1027.2	0	1027.2	1156.0	22464.0	0	23620.0	2130	25750.0	112.2	2160.2	0	2272.5	84.1	224.6	0	308.7	196.3	2384.8	0	2581.1
290	GV	GV-109	Ahmednagar	497.0	497.0	497.0	497.0	0	10748.0	0	10748.0	0	10748.0	0	655.4	0	655.4	0	364.2	0	364.2	0	1019.6	0	1019.6
291	GV	GV-109	Nanded	1027.2	1027.2	0	1027.2	2416.0	20834.0																

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)					Ground Water Recharge (ham)												
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Total	Rainfall Recharge				Recharge from other sorces				Total	C	NC	PQ	Total	
								C	NC	PQ		C	NC	PQ	Total	C	NC	PQ	Total						
337	GV	GV-20	Nashik	663.2	663.2	0	663.2	2134.0	21050.0	0	23184.0	1165	24349.0	174.3	1722.2	0	1896.5	199.5	810.6	0	1010.2	373.8	2532.8	0	2906.6
338	GV	GV-21	Nashik	694.5	694.5	0	694.5	753.0	32847.0	0	33600.0	1769	35369.0	54.4	2806.5	0	2860.8	119.5	2039.3	0	2158.8	173.9	4845.7	0	5019.6
339	GV	GV-22 A	Ahmednagar	497.0	497.0	497.0	497.0	0	11014.0	0	11014.0	1646	12660.0	0	671.6	0	671.6	0	336.2	0	336.2	0	1007.8	0	1007.8
340	GV	GV-22 A	Nashik	694.5	694.5	0	694.5	241.0	16532.0	0	16773.0	929	17702.0	20.6	1412.5	0	1433.1	91.6	352.9	0	444.5	112.2	1765.4	0	1877.6
341	GV	GV-23	Nashik	680.0	680.0	0	680.0	8319.0	27657.0	0	35976.0	1894	37870.0	588.3	2333.0	0	2921.3	2233.1	896.9	0	3130.0	2821.4	3229.9	0	6051.2
342	GV	GV-24	Nashik	663.2	663.2	0	663.2	1495.0	3892.0	0	5387.0	334	5721.0	122.3	318.4	0	440.7	96.3	224.8	0	321.1	218.6	543.3	0	761.8
343	GV	GV-25	Nashik	694.5	694.5	0	694.5	2835.0	16922.0	0	19757.0	1090	20847.0	204.8	1445.8	0	1650.6	789.8	673.8	0	1463.6	994.5	2119.6	0	3114.1
344	GV	GV-25 B	Ahmednagar	497.0	497.0	497.0	497.0	0	3980.0	0	3980.0	681	4661.0	0	242.7	0	242.7	0	58.0	0	58.0	0	300.7	0	300.7
345	GV	GV-26 A	Nashik	670.3	670.3	0	670.3	5034.0	29404.0	0	34438.0	2592	37030.0	400.7	2441.8	0	2842.5	319.2	1237.7	0	1557.0	719.9	3679.5	0	4399.4
346	GV	GV-26 A	Nashik	641.5	641.5	0	641.5	3849.0	18609.0	0	22458.0	227	22685.0	295.7	1241.5	0	1537.2	440.6	689.7	0	1130.2	736.3	1931.2	0	2667.4
347	GV	GV-26 B	Ahmednagar	512.0	512.0	512.0	512.0	2283.5	823.5	0	3107.0	0	3107.0	141.9	51.2	0	193.1	126.4	21.4	0	147.8	268.3	72.6	0	340.9
348	GV	GV-27	Nashik	631.9	631.9	0	631.9	2864.0	7617.0	0	10481.0	105	10586.0	223.9	595.5	0	819.4	465.2	343.6	0	808.8	689.1	939.1	0	1628.3
349	GV	GV-28 A	Nashik	694.5	694.5	0	694.5	1800.0	11808.0	0	13608.0	187	13795.0	106.2	1008.9	0	1115.1	272.3	382.3	0	654.7	378.6	139.2	0	1769.8
350	GV	GV-28 B	Ahmednagar	512.0	512.0	512.0	512.0	4078.5	6022.5	0	10101.0	0	10101.0	180.8	374.4	0	555.2	1187.5	203.5	0	1390.9	1368.3	577.8	0	1946.1
351	GV	GV-29 A	Nashik	694.5	694.5	0	694.5	273.0	9290.0	0	9563.0	553	10116.0	23.3	793.7	0	817.1	78.7	395.3	0	474.0	102.0	1189.0	0	1291.0
352	GV	GV-29 B	Ahmednagar	512.0	512.0	512.0	512.0	6959.0	24638.0	0	31597.0	0	31597.0	432.6	1531.5	0	1964.1	644.8	391.3	0	1036.1	1077.4	1922.8	0	3000.2
353	GV	GV-3	Nashik	835.2	835.2	0	835.2	6131.0	11779.0	0	17910.0	4595	22505.0	638.1	1023.1	0	1661.2	902.7	182.2	0	1085.0	1540.8	1205.3	0	2746.2
354	GV	GV-30	Nashik	689.6	689.6	0	689.6	3760.0	26116.0	0	29876.0	1573	31449.0	296.6	2232.2	0	2528.8	666.4	495.8	0	1162.2	963.0	2728.0	0	3691.0
355	GV	GV-31 A	Nashik	651.1	651.1	0	651.1	4555.0	26528.0	0	31083.0	1636	32719.0	301.7	2133.5	0	2435.2	584.6	1023.8	0	1608.3	886.3	3157.2	0	4043.5
356	GV	GV-31 B	Ahmednagar	512.0	512.0	512.0	512.0	7169.0	9535.0	0	16704.0	0	16704.0	445.6	592.7	0	1038.3	913.9	230.3	0	1144.2	1359.5	823.0	0	2182.5
357	GV	GV-32 A	Nashik	651.1	651.1	0	651.1	2619.0	15579.0	0	18198.0	983	19181.0	144.0	1209.1	0	1353.2	1225.0	562.9	0	1787.9	1369.0	1772.0	0	3141.1
358	GV	GV-32 B	Ahmednagar	512.0	512.0	512.0	512.0	8469.0	8624.0	0	17093.0	0	17093.0	526.4	156.2	0	682.5	720.4	165.2	0	885.6	703.3	1948.6	0	3048.9
359	GV	GV-33	Aurangabad	560.0	560.0	0	560.0	9815.0	14000.0	0	23815.0	0	23815.0	800.2	1019.7	0	1819.8	728.2	555.6	0	1283.9	1528.4	1575.3	0	3103.7
360	GV	GV-33 A	Nashik	651.1	651.1	0	651.1	308.0	7036.0	0	7344.0	412	7756.0	20.9	565.9	0	586.7	128.7	180.7	0	309.4	149.6	746.5	0	896.1
361	GV	GV-33 A	Ahmednagar	512.0	512.0	512.0	512.0	107.0	2741.0	0	2848.0	0	2848.0	5.7	170.4	0	176.1	167.7	22.5	0	190.2	173.4	192.9	0	366.3
362	GV	GV-34 A	Nashik	0	692.2	0	692.2	0	5455.0	0	5455.0	337	5792.0	0	467.2	0	467.2	2.2	145.9	0	148.1	2.2	613.1	0	615.3
363	GV	GV-34 B	Aurangabad	560.0	560.0	0	560.0	3368.0	37732.0	0	41100.0	0	41100.0	287.8	3224.7	0	3512.5	468.8	1060.5	0	1529.2	756.6	4285.1	0	5041.7
364	GV	GV-35	Aurangabad	560.0	560.0	0	560.0	3104.0	26616.0	0	29720.0	0	29720.0	265.3	2203.5	0	2468.8	418.5	1800.3	0	2218.7	683.7	4003.7	0	4687.5
365	GV	GV-36	Aurangabad	560.0	560.0	0	560.0	19180.0	3720.0	0	22900.0	0	22900.0	1593.5	223.7	0	1817.2	852.9	562.2	0	1415.2	2446.4	786.0	0	3232.4
366	GV	GV-37 A	Ahmednagar	589.0	589.0	589.0	589.0	11565.4	2160.6	0	13726.0	0	13726.0	812.4	154.8	0	967.2	820.9	50.2	0	911.0	1633.3	244.9	0	1878.2
367	GV	GV-38 A	Aurangabad	803.0	803.0	0	803.0	2129.0	13570.0	0	15699.0	3285	18984.0	185.2	1152.3	0	1337.5	245.2	753.0	0	998.2	430.4	1905.3	0	2335.7
368	GV	GV-38 B	Ahmednagar	589.0	589.0	589.0	589.0	7707.4	3428.6	0	11136.0	0	11136.0	552.1	245.6	0	797.7	692.2	85.9	0	778.1	1244.3	331.5	0	1575.8
369	GV	GV-39 A	Aurangabad	803.0	803.0	0	803.0	1644.0	29765.0	0	31409.0	846	32255.0	171.6	3686.8	0	3858.4	537.1	561.3	0	1098.4	708.7	4248.2	0	4956.8
370	GV	GV-39 B	Nashik	0	692.2	0	692.2	0	3974.0	0	3974.0	259	4233.0	0	340.4	0	340.4	0	83.3	0	83.3	0	423.7	0	423.7
371	GV	GV-4	Nashik	818.8	818.8	0	818.8	1166.0	11317.0	0	12483.0	2996	15479.0	82.2	771.8	0	854.0	133.8	25.7	0	388.5	216.0	1026.5	0	1242.5
372	GV	GV-40	Aurangabad	803.0	803.0	0	803.0	1241.0	26550.0	0	27791.0	83	27874.0	82.8	3288.6	0	3371.4	391.7	643.5	0	1035.2	474.5	3932.1	0	4406.6
373	GV	GV-41	Aurangabad	668.0	668.0	0	668.0	1322.0	35456.0	0	36778.0	0	36778.0	114.8	3655.2	0	3770.0	330.1	1608.5	0	1938.5	444.9	5263.6	0	5708.5
374	GV	GV-42	Aurangabad	0	560.0	0	560.0	0	17171.0	0	17171.0	0	17171.0	0	1467.5	0	1467.5	0	448.3	0	448.3	0	1915.8	0	1915.8
375	GV	GV-43	Aurangabad	668.0	668.0	0	668.0	19224.0	1156.0	0	20380.0	50	20430.0	1067.1	64.2	0	1131.3	398.8	22.1	0	420.9	1465.9	86.3	0	1552.2
376	GV	GV-44	Aurangabad	803.0	803.0	0	803.0	1829.0	11535.0	0	13364.0	0	13364.0	204.5	1428.8	0	1633.3	</							

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)						Rainfall Recharge				Recharge from other sorces			Total				
				C	NC	PQ	Total	C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
423	GV	GV-78	Beed	0	723.0	0	723.0	0	30972.0	0	30972.0	0	30972.0	0	2705.1	0	2705.1	10.3	626.4	0	636.8	10.3	3331.5	0	3341.9
424	GV	GV-79	Parbhani	946.0	946.0	0	946.0	34331.0	8788.0	0	43119.0	0	43119.0	4109.9	1044.6	0	5154.5	918.1	169.3	0	1087.4	5028.1	1213.8	0	6241.9
425	GV	GV-8	Nashik	824.0	0.0	0	824.0	11447.0	0.0	0	11447.0	1239	12686.0	950.0	0	0	950.0	1966.3	0.0	0	1966.3	2916.3	0	0	2916.3
426	GV	GV-8	Nashik	824.0	0.0	0	824.0	6392.0	0.0	0	6392.0	361	6753.0	547.8	0	0	547.8	828.9	1.6	0	830.5	1376.7	1.6	0	1378.3
427	GV	GV-80	Beed	719.0	723.0	0	722.6	1482.0	11882.0	0	13364.0	0	13364.0	131.2	1055.1	0	1186.3	380.9	286.4	0	667.2	512.1	1341.5	0	1853.6
428	GV	GV-81	Beed	732.8	732.8	0	732.8	1481.0	21390.0	0	22871.0	3371	26242.0	134.3	1939.7	0	2074.0	301.3	479.2	0	780.6	435.6	2418.9	0	2854.5
429	GV	GV-82	Parbhani	893.0	698.0	0	815.6	17162.0	11305.0	0	28467.0	0	28467.0	1291.9	692.5	0	1984.5	468.7	132.5	0	601.1	1760.6	825.0	0	2585.6
430	GV	GV-83	Parbhani	0	698.0	0	698.0	0	21486.0	0	21486.0	0	21486.0	0	1961.5	0	1961.5	41.6	252.6	0	294.2	41.6	2214.1	0	2255.6
431	GV	GV-84	Beed	719.0	719.0	0	719.0	1837.0	14137.0	0	15974.0	0	15974.0	137.4	1057.1	0	1194.5	700.7	138.2	0	838.9	838.0	1195.3	0	2033.4
432	GV	GV-85	Beed	719.0	719.0	0	719.0	14206.0	3095.0	0	17301.0	0	17301.0	1257.7	274.0	0	1531.7	798.0	117.5	0	915.5	2055.7	391.5	0	2447.2
433	GV	GV-86	Beed	719.0	719.0	0	719.0	2872.0	18723.0	0	21595.0	886	22481.0	254.3	1584.7	0	1838.9	1293.5	393.9	0	1687.4	1547.7	1978.6	0	3526.3
434	GV	GV-87	Beed	0	732.8	0	732.8	0	18114.0	0	18114.0	2865	20979.0	0	1642.6	0	1642.6	0	581.4	0	581.4	0	2224.0	0	2224.0
435	GV	GV-88	Parbhani	1019.0	918.0	0	1015.1	31910.0	1294.0	0	33204.0	0	33204.0	3037.4	128.8	0	3166.1	1526.3	42.4	0	1568.7	4563.7	171.1	0	4734.8
436	GV	GV-89	Parbhani	698.0	698.0	0	698.0	1349.0	13443.0	0	14792.0	0	14792.0	82.7	894.8	0	977.4	96.8	170.3	0	267.0	179.4	1065.0	0	1244.5
437	GV	GV-9	Nashik	824.0	824.0	0	824.0	3288.0	4988.0	0	8276.0	2619	10895.0	281.8	511.9	0	793.7	1003.2	143.2	0	1146.4	1285.0	655.1	0	1940.1
438	GV	GV-90 A	Parbhani	655.0	698.0	0	663.3	11729.0	2824.0	0	14553.0	0	14553.0	1078.6	171.9	0	1250.5	318.5	180.7	0	499.2	1397.1	352.6	0	1749.7
439	GV	GV-90 B	Beed	0	742.0	0	742.0	0	12754.0	0	12754.0	1128	13882.0	0	1171.5	0	1171.5	0	427.5	0	427.5	0	1599.0	0	1599.0
440	GV	GV-91	Beed	719.0	732.8	0	730.2	4892.0	21206.0	0	26098.0	0	26098.0	433.1	1923.0	0	2356.1	492.0	471.9	0	963.9	925.1	2394.9	0	3320.0
441	GV	GV-92	Hingoli	1041.0	1041.0	0	1041.0	17461.0	11257.0	0	28718.0	0	28718.0	2259.9	1456.9	0	3716.8	2258.8	609.6	0	2668.4	4518.7	2066.4	0	6585.1
442	GV	GV-92 B	Nanded	994.0	994.0	0	994.0	723.0	523.0	0	1246.0	0	1246.0	71.2	54.1	0	125.4	12.5	3.4	0	15.9	83.8	57.5	0	141.3
443	GV	GV-93 A	Hingoli	1041.0	0.0	0	1041.0	12950.0	0.0	0	12950.0	0	12950.0	1676.1	0	0	1676.1	12951.6	55.5	0	13007.1	14627.6	55.5	0	14683.1
444	GV	GV-93 B	Nanded	994.5	994.5	0	994.5	3663.0	5357.0	0	9020.0	0	9020.0	414.6	603.2	0	1017.8	208.4	38.5	0	246.9	622.9	641.7	0	1264.7
445	GV	GV-94 A	Hingoli	1041.0	0.0	0	1041.0	2515.0	0.0	0	2515.0	0	2515.0	311.6	0	0	311.6	2398.8	0.0	0	2398.8	2710.4	0	0	2710.4
446	GV	GV-94 B	Nanded	994.5	994.5	0	994.5	8550.0	3900.0	0	12450.0	0	12450.0	963.5	408.9	0	1372.4	336.7	47.2	0	383.9	1300.2	456.1	0	1756.3
447	GV	GV-94 B	Parbhani	1019.0	0.0	0	1019.0	21940.0	0.0	0	21940.0	0	21940.0	2604.1	0	0	2604.1	1921.9	19.0	0	1940.9	4526.0	19.0	0	4545.0
448	GV	GV-95	Parbhani	0	698.0	0	698.0	0	13567.0	0	13567.0	0	13567.0	0	1238.6	0	1238.6	6.4	126.0	0	132.4	6.4	1364.5	0	1371.0
449	GV	GV-96	Parbhani	698.0	698.0	0	698.0	8009.0	34847.0	0	42856.0	0	42856.0	731.2	3181.2	0	3912.4	1419.7	725.6	0	2145.3	2150.8	3906.8	0	6057.6
450	GV	GV-96 B	Latur	784.8	784.8	0	784.8	165.0	3206.0	0	3371.0	1054	3371.0	9.8	126.8	0	136.6	6.9	66.6	0	73.5	16.7	193.4	0	210.1
451	GV	GV-97 A	Parbhani	698.0	698.0	0	698.0	8204.0	12102.0	0	20306.0	0	20306.0	669.6	880.5	0	1550.1	3121.6	441.7	0	3563.3	3791.2	1322.1	0	5113.4
452	GV	GV-97 B	Beed	0	742.0	0	742.0	0	4794.0	0	4794.0	1810	6604.0	0	369.9	0	369.9	0	262.0	0	262.0	0	631.9	0	631.9
453	GV	GV-97 C	Latur	784.8	784.8	0	784.8	0	1693.0	0	1693.0	482	2175.0	0	100.5	0	100.5	0	57.4	0	57.4	0	157.9	0	157.9
454	GV	GV-98	Beed	742.0	742.0	0	742.0	10000.0	16036.0	0	26036.0	1979	28015.0	918.5	1432.1	0	2350.7	3950.3	416.2	0	4366.5	4868.8	1848.3	0	6717.1
455	GV	GV-99	Beed	742.0	742.0	0	742.0	5296.0	26427.0	0	31723.0	0	31723.0	486.5	2427.4	0	2913.8	1476.8	755.0	0	2231.9	1963.3	3182.4	0	5145.7
456	I	I-1	Gadchiroli	0	1096.4	0	1096.4	0	7820.0	0	7820.0	15248	23068.0	0	463.0	0	463.0	0	21.8	0	21.8	0	484.8	0	484.8
457	I	I-2	Gadchiroli	0	1175.3	0	1175.3	0	5860.0	0	5860.0	13673	19533.0	0	371.9	0	371.9	0	15.0	0	15.0	0	386.9	0	386.9
458	I	I-3	Gadchiroli	0	1254.1	0	1254.1	0	264.8	0	264.8	9977	10242.0	0	23.9	0	23.9	0	5.0	0	5.0	0	28.9	0	28.9
459	I	I-4	Gadchiroli	0	1488.7	0	1488.7	0	9547.0	0	9547.0	7047	16594.0	0	1228.0	0	1228.0	0	25.8	0	25.8	0	1253.8	0	1253.8
460	I	I-5	Gadchiroli	0	1488.7	0	1488.7	0	1871.0	0	1871.0	2806	4677.0	0	240.7	0	240.7	0	6.4	0	6.4	0	247.1	0	247.1
461	I	I-6	Gadchiroli	0	1488.7	0	1488.7	0	7780.0	0	7780.0	7780	15560.0	0	833.9	0	833.9	0	3.8	0	3.8	0	837.7	0	837.7
462	IB	IB-1	Gadchiroli	0	1488.7	0	1488.7	0	11377.8	0	11377.8	7585	18963.0	0	1219.6	0	1219.6	0	21.0	0	21.0	0	1240.6	0	1240.6
463	IB	IB-2	Gadchiroli	0	1327.0	0	1327.0	0	13018.2	0	13018.2	7010	20028.0	0	1492.5	0	1492.5	0	69.7	0	69.7	0	1562.2	0	1562.2
464	IB	IB-3	Gadchiroli	0																					

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)		Total Geographical Area (ha)								Ground Water Recharge (ham)											
						Recharge Worthy Area (ha)				Total				Rainfall Recharge				Recharge from other sorces				Total			
				C	NC	PQ	Total	C	NC	PQ	Total	Hilly Area	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
509	KR	KR-27	Satara	0	1926.0	0	1926.0	0	9714.0	0	9714.0	4832	14546.0	0	119.8	0	119.8	0	169.6	0	169.6	0	289.4	0	289.4
510	KR	KR-28	Sangli	0	1058.5	0	1058.5	0	13435.0	0	13435.0	6202	19637.0	0	655.8	0	655.8	0	7.1	0	7.1	0	662.9	0	662.9
511	KR	KR-28	Satara	0	1926.0	0	1926.0	0	1561.0	0	1561.0	345	1906.0	0	19.3	0	19.3	0	0.0	0	0	0	19.3	0	19.3
512	KR	KR-29	Sangli	0	1058.5	0	1058.5	0	4105.0	0	4105.0	3316	7421.0	0	200.4	0	200.4	0	0.2	0	0.2	0	200.6	0	200.6
513	KR	KR-29	Kolhapur	0	1823.5	0	1823.5	0	4574.0	0	4574.0	8500	13074.0	0	445.8	0	445.8	0	66.2	0	66.2	0	512.0	0	512.0
514	KR	KR-3	Satara	0	2469.0	0	2469.0	0	17688.0	0	17688.0	14420	32108.0	0	279.6	0	279.6	0	242.4	0	242.4	0	522.0	0	522.0
515	KR	KR-30	Satara	0	1926.0	0	1926.0	0	32342.0	0	32342.0	8600	40942.0	0	598.0	0	598.0	120.8	353.2	0	474.0	120.8	951.2	0	1072.0
516	KR	KR-31	Satara	0	742.1	0	742.1	0	24350.0	0	24350.0	5571	29921.0	0	1526.1	0	1526.1	496.3	1062.6	0	1558.9	496.3	2588.7	0	3084.9
517	KR	KR-32	Sangli	756.0	756.0	756.0	756.0	2798.7	19665.7	5855.7	28320.0	169	28489.0	220.0	1546.2	460.4	2226.6	5960.6	43.2	6003.9	6180.7	1589.4	460.4	8230.4	
518	KR	KR-32	Satara	742.1	742.1	0	742.1	1003.0	1295.0	0	2298.0	480	2778.0	77.4	100.0	0	177.4	619.5	484.9	0	1104.4	696.9	584.9	0	1281.8
519	KR	KR-33	Sangli	644.2	644.2	644.2	644.2	16082.9	5644.0	1736.1	23463.0	0	23463.0	1077.5	378.1	116.3	1571.9	4616.0	95.2	0	4711.2	5693.4	473.3	116.3	6283.0
520	KR	KR-34	Sangli	644.2	644.2	0	644.2	29093.1	3156.9	0	32250.0	0	32250.0	2099.0	227.8	0	2326.8	4836.4	77.1	0	4913.5	6935.4	304.9	0	7240.3
521	KR	KR-35	Sangli	649.7	649.7	649.7	649.7	31858.1	7850.2	1571.7	41280.0	0	41280.0	2464.0	607.2	106.2	3177.4	4445.0	403.8	0	4848.9	6909.1	1011.0	106.2	8026.3
522	KR	KR-36	Sangli	649.7	649.7	0	649.7	19733.5	15689.6	0	35423.0	0	35423.0	1333.4	1213.5	0	2546.9	2925.8	1154.7	0	4080.5	4259.2	2368.2	0	6627.4
523	KR	KR-37	Sangli	497.9	497.9	0	497.9	19139.9	726.1	0	19866.0	0	19866.0	991.1	32.4	0	1023.5	3005.3	33.2	0	3038.5	3996.3	65.6	0	4061.9
524	KR	KR-38	Sangli	667.9	667.9	0	667.9	25199.0	3420.0	0	28619.0	0	28619.0	1468.0	199.3	0	1667.3	3108.2	214.9	0	3323.1	4576.3	414.1	0	4990.4
525	KR	KR-39	Sangli	497.9	497.9	0	497.9	19157.0	709.0	0	19866.0	0	19866.0	1130.4	31.6	0	1162.0	2589.4	10.5	0	2600.0	3719.8	42.1	0	3762.0
526	KR	KR-4	Satara	1048.0	1796.0	0	1694.9	3487.0	22316.0	0	25803.0	4990	30793.0	380.1	3342.4	0	3722.5	1505.2	347.6	0	1852.8	1885.2	3690.0	0	5575.2
527	KR	KR-40	Sangli	612.5	612.5	612.5	612.5	11626.3	16039.8	6518.9	34185.0	0	34185.0	789.7	1021.7	415.2	2226.6	4530.7	177.4	0	4708.2	5320.4	1199.1	415.2	6934.7
528	KR	KR-41	Sangli	0	756.0	756.0	756.0	0	24592.2	7154.1	31746.2	246	31992.0	0	2231.1	562.5	2793.6	795.4	567.6	0	1363.0	795.4	2798.7	562.5	4156.6
529	KR	KR-42	Sangli	756.0	1058.5	756.0	979.5	490.0	18696.0	6113.0	25299.0	600	25899.0	38.5	1303.8	480.6	1822.9	1793.1	594.7	0	2387.8	1831.7	1898.5	480.6	4210.7
530	KR	KR-42	Satara	0	742.1	0	742.1	0	1378.0	0	1378.0	0	1378.0	0	73.1	0	73.1	0	14.2	0	14.2	0	87.2	0	87.2
531	KR	KR-43	Sangli	1058.5	1058.5	1058.5	1058.5	863.0	20524.8	130.2	21518.0	476	21994.0	51.2	1431.3	7.7	1490.2	252.4	720.6	0	973.0	303.6	2151.9	7.7	2463.2
532	KR	KR-43	Satara	0	742.1	0	742.1	0	227.0	0	227.0	0	227.0	0	14.2	0	14.2	0	3.7	0	3.7	0	17.9	0	17.9
533	KR	KR-44	Sangli	0	1058.5	0	1058.5	0	15271.0	0	15271.0	2540	17811.0	0	1035.8	0	1035.8	0	286.9	0	286.9	0	1322.7	0	1322.7
534	KR	KR-44	Satara	0	742.1	0	742.1	0	165.0	0	165.0	0	165.0	0	10.3	0	10.3	0	8.7	0	8.7	0	19.1	0	19.1
535	KR	KR-45	Kolhapur	1823.5	1823.5	0	1823.5	2757.6	2102.4	0	4860.0	13000	17860.0	235.0	179.2	0	414.2	607.3	564.0	0	1171.3	842.3	743.2	0	1585.5
536	KR	KR-46	Kolhapur	0	1823.5	0	1823.5	0	16216.0	0	16216.0	24412	40628.0	0	1382.2	0	1382.2	0	1565.6	0	1565.6	0	2947.7	0	2947.7
537	KR	KR-47	Kolhapur	0	1674.8	0	1674.8	0	25029.0	0	25029.0	0	25029.0	0	2531.3	0	2531.3	0	2873.2	0	2873.2	0	5404.6	0	5404.6
538	KR	KR-48	Sangli	756.0	756.0	756.0	756.0	148.0	20096.9	8907.1	29152.0	525	29677.0	11.6	1823.3	700.3	2535.2	2194.8	633.8	0	2826.6	2206.4	2457.1	700.3	5363.8
539	KR	KR-49	Kolhapur	0	579.2	0	579.2	0	19311.0	0	19311.0	0	19311.0	0	1802.3	0	1802.3	0	1997.2	0	1997.2	0	3799.5	0	3799.5
540	KR	KR-5	Satara	1048.0	2469.0	0	2036.6	6469.0	14741.0	0	21210.0	6720	27930.0	705.1	230.3	0	938.1	2935.3	222.6	0	3157.8	3640.3	455.6	0	4095.9
541	KR	KR-50	Sangli	612.5	612.5	612.5	612.5	30665.9	649.0	5321.2	36636.0	670	36636.0	2232.6	41.3	338.9	2612.9	3656.0	309.6	0	3965.6	5886.6	350.9	338.9	6578.5
542	KR	KR-51	Sangli	612.5	612.5	0	612.5	14194.0	918.0	0	15112.0	368	15480.0	1033.4	58.5	0	1091.8	2231.8	227.7	0	2459.5	3265.1	286.2	0	3551.3
543	KR	KR-52	Sangli	617.3	617.3	0	617.3	4105.0	10735.0	0	14840.0	0	14840.0	263.5	788.2	0	1051.8	417.9	584.7	0	1002.6	681.4	1372.9	0	2054.3
544	KR	KR-53	Sangli	0	617.3	0	617.3	0	10134.0	0	10134.0	0	10134.0	0	744.1	0	744.1	0	297.1	0	297.1	0	1041.2	0	1041.2
545	KR	KR-54	Kolhapur	0	380.2	0	380.2	0	13716.0	0	13716.0	0	13716.0	0	581.8	0	581.8	0	2564.1	0	2564.1	0	3145.8	0	3145.8
546	KR	KR-55	Kolhapur	0	380.2	0	380.2	0	23869.0	0	23869.0	0	23869.0	0	1097.3	0	1097.3	0	1913.8	0	1913.8	0	3011.1	0	3011.1
547	KR	KR-56	Kolhapur	0	579.2	0	579.2	0	16576.0	0	16576.0	0	16576.0	0	1183.0	0	1183.0	0	2907.6	0	2907.6	0	4090.7	0	4090.7
548	KR	KR-57	Kolhapur	0	1674.8	0	1674.8	0	16907.0	0	16907.0	0	16907.0	0	1318.3	0	1318.3	0	3156.4	0	3156.4	0	4474.7	0	4474.7
549	KR	KR-58	Kolhapur	0	1674.8	0	1674.8	0	9407.0	0	9407.0	0	9407.0	0	733.5	0	733.5	0	2486.0	0	2486.0	0			

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Ground Water Recharge (ham)													
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Total	Rainfall Recharge				Recharge from other sorces				Total					
								C	NC	PQ		Total		C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
595	MR	MR-16 B	Latur	634.9	634.9	0	634.9	1616.0	12911.0	0	14527.0	1443	15970.0	64.6	959.1	0	1023.7	179.1	653.8	0	832.9	243.7	1612.9	0	1856.6
596	MR	MR-17	Osmanabad	751.7	751.7	0	751.7	1079.0	14567.0	0	15646.0	1800	17446.0	104.2	1406.3	0	1510.4	23.9	926.0	0	949.9	128.1	2332.3	0	2460.3
597	MR	MR-18	Osmanabad	751.7	751.7	0	751.7	1307.0	14187.0	0	15494.0	2045	17539.0	105.2	1369.6	0	1474.7	32.6	598.4	0	631.0	137.7	1968.0	0	2105.7
598	MR	MR-19	Latur	634.9	634.9	0	634.9	3048.0	13610.0	0	16658.0	581	17239.0	181.1	959.4	0	1140.5	369.6	522.6	0	892.2	550.7	1482.0	0	2032.7
599	MR	MR-2	Beed	0	663.5	0	663.5	0	23405.0	0	23405.0	1200	24605.0	0	1911.2	0	1911.2	0	687.9	0	687.9	0	2599.1	0	2599.1
600	MR	MR-20	Latur	728.0	634.9	0	642.5	1908.0	21472.0	0	23380.0	809	24189.0	105.0	1914.0	0	2019.0	571.8	880.3	0	1452.1	676.8	2794.3	0	3471.1
601	MR	MR-20 A	Osmanabad	0	751.7	0	751.7	0	1675.0	0	1675.0	231	1906.0	0	161.7	0	161.7	0	106.9	0	106.9	0	268.6	0	268.6
602	MR	MR-21 A	Osmanabad	751.7	751.7	0	751.7	508.0	6866.0	0	7374.0	806	8180.0	49.0	565.5	0	614.6	8.1	499.0	0	507.1	57.1	1064.5	0	1121.6
603	MR	MR-21 B	Latur	728.0	728.0	0	728.0	584.0	25108.0	0	25692.0	3032	28724.0	26.8	2566.3	0	2593.1	118.9	577.8	0	696.7	145.7	3144.1	0	3299.8
604	MR	MR-22	Osmanabad	751.7	751.7	0	751.7	2060.0	21658.0	0	23718.0	2224	25942.0	198.9	2090.8	0	2289.7	49.9	1484.4	0	1534.3	248.8	3575.2	0	3824.0
605	MR	MR-23	Osmanabad	751.7	751.7	0	751.7	364.0	17832.0	0	18196.0	1353	19549.0	35.1	1721.5	0	1756.6	11.3	778.7	0	790.0	46.4	2500.1	0	2546.6
606	MR	MR-24	Latur	634.9	634.9	0	634.9	1829.0	10990.0	0	12819.0	398	13217.0	73.2	816.4	0	889.5	118.3	392.8	0	511.1	191.5	1209.1	0	1400.6
607	MR	MR-25	Latur	634.9	634.9	0	634.9	499.0	7322.0	0	7821.0	0	7821.0	20.0	292.9	0	312.8	15.0	199.0	0	214.0	35.0	491.9	0	526.9
608	MR	MR-26	Latur	634.9	634.9	0	634.9	1168.0	14775.0	0	15943.0	819	16762.0	104.1	1317.0	0	1421.2	48.3	470.0	0	518.4	152.4	1787.1	0	1939.5
609	MR	MR-27	Latur	634.9	634.9	0	634.9	2088.0	10163.0	0	12251.0	844	13095.0	100.2	905.9	0	1006.2	90.9	249.8	0	340.7	191.1	1155.7	0	1346.8
610	MR	MR-28	Latur	728.0	728.0	0	728.0	2111.0	15387.0	0	17498.0	2963	20461.0	116.2	846.9	0	963.0	305.0	670.0	0	975.0	421.2	1516.8	0	1938.0
611	MR	MR-29	Latur	728.0	728.0	0	728.0	1504.0	29896.0	0	31400.0	1022	32422.0	153.7	2546.4	0	2700.2	144.7	1174.6	0	1319.3	298.5	3721.0	0	4019.5
612	MR	MR-30	Osmanabad	898.8	898.8	0	898.8	2117.0	25298.0	0	27415.0	2484	29899.0	230.5	2804.7	0	3035.2	38.6	1013.9	0	1052.5	269.1	3818.6	0	4087.6
613	MR	MR-31 A	Latur	784.8	784.8	0	784.8	2665.0	28896.0	0	31561.0	2207	33768.0	158.1	1714.4	0	1872.6	147.3	934.5	0	1081.9	305.5	2649.0	0	2954.4
614	MR	MR-31 B	Beed	0	742.0	0	742.0	0	6222.0	0	6222.0	512	6734.0	0	544.4	0	544.4	0	168.9	0	168.9	0	713.3	0	713.3
615	MR	MR-32 A	Latur	634.9	634.9	0	634.9	643.0	13336.0	0	13979.0	1706	15685.0	30.9	961.1	0	991.9	44.2	424.8	0	469.0	75.1	1385.8	0	1460.9
616	MR	MR-32 B	Latur	634.9	634.9	0	634.9	0	9049.0	0	9049.0	1000	10049.0	0	730.3	0	730.3	0	196.6	0	196.6	0	926.9	0	926.9
617	MR	MR-32 B	Beed	0	742.0	0	742.0	0	8730.0	0	8730.0	0	8730.0	0	576.5	0	576.5	0	20.7	0	20.7	0	597.2	0	597.2
618	MR	MR-33	Latur	634.9	634.9	0	634.9	582.0	12965.0	0	13547.0	698	14245.0	27.9	622.3	0	650.2	4.4	406.6	0	411.0	32.3	1028.9	0	1061.2
619	MR	MR-34	Latur	728.0	655.2	0	660.7	1949.0	24062.0	0	26011.0	2272	28283.0	107.3	2213.5	0	2320.7	142.5	1057.4	0	1199.9	249.8	3270.9	0	3520.7
620	MR	MR-35	Latur	728.0	728.0	0	728.0	1449.0	16515.0	0	17964.0	0	17964.0	79.8	1688.0	0	1767.8	34.7	559.1	0	593.8	114.5	2247.1	0	2361.6
621	MR	MR-36 A	Osmanabad	898.8	898.8	0	898.8	604.0	7363.0	0	7967.0	997	8964.0	67.0	560.2	0	627.2	11.8	704.7	0	716.5	78.7	1265.0	0	1343.7
622	MR	MR-36 B	Latur	655.2	655.2	0	655.2	0	12641.0	0	12641.0	0	12641.0	0	626.2	0	626.2	0	631.8	0	631.8	0	1258.0	0	1258.0
623	MR	MR-37	Latur	784.8	784.8	0	784.8	0	13665.0	0	13665.0	1108	14773.0	0	810.8	0	810.8	0	518.7	0	518.7	0	1329.5	0	1329.5
624	MR	MR-37 B	Nanded	0	1067.7	0	1067.7	0	18120.0	0	18120.0	0	18120.0	0	1684.2	0	1684.2	0.2	121.8	0	122.0	0.2	1806.0	0	1806.2
625	MR	MR-38	Latur	784.8	784.8	0	784.8	1070.0	29046.0	0	30116.0	0	30116.0	63.5	1723.3	0	1786.8	47.3	1029.4	0	1076.7	110.7	2752.7	0	2863.5
626	MR	MR-39	Latur	634.9	634.9	0	634.9	0	13036.0	0	13036.0	1893	14929.0	0	625.7	0	625.7	0.7	1002.3	0	1003.0	0.7	1628.0	0	1628.7
627	MR	MR-4	Beed	0	692.0	0	692.0	0	39782.0	0	39782.0	0	39782.0	0	3381.0	0	3381.0	0	1045.5	0	1045.5	0	4426.5	0	4426.5
628	MR	MR-40	Latur	655.2	634.9	0	635.7	449.0	11055.0	0	11504.0	886	12390.0	22.2	985.4	0	1007.7	88.1	483.8	0	571.9	110.3	1469.2	0	1579.6
629	MR	MR-41	Latur	655.2	625.0	0	627.5	1417.0	15609.0	0	17026.0	0	17026.0	70.2	1214.5	0	1284.7	187.3	329.0	0	516.3	257.5	1543.6	0	1801.0
630	MR	MR-42	Latur	655.2	655.2	0	655.2	1216.0	11471.0	0	12687.0	1216	13903.0	111.9	1055.2	0	1167.1	21.5	235.0	0	256.5	133.4	1290.2	0	1423.6
631	MR	MR-43	Latur	655.2	655.2	0	655.2	0	15037.0	0	15037.0	2360	17397.0	0	744.8	0	744.8	0	485.8	0	485.8	0	1230.6	0	1230.6
632	MR	MR-44	Latur	655.2	655.2	0	655.2	815.0	17418.0	0	18233.0	2360	20593.0	40.4	862.8	0	903.1	202.7	558.9	0	761.6	243.1	1421.7	0	1664.7
633	MR	MR-45	Latur	655.2	655.2	0	655.2	815.0	33760.0	0	34575.0	2358	36933.0	75.0	1672.2	0	1747.2	48.3	1503.5	0	1551.7	123.2	3175.7	0	3298.9
634	MR	MR-46 B	Nanded	1068.4	1068.4	0	1068.4	1244.0	21896.0	0	23140.0	450	23590.0	165.1	2896.4	0	3061.4	207.6	120.5	0	328.1	372.7	3016.8	0	3389.5
635	MR	MR-46 B	Latur	784.8	784.8	0	784.8	177.0	14869.0	0	15046.0	1955	17001.0	19.5	1096.										

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)		Total Geographical Area (ha)								Ground Water Recharge (ham)													
								Recharge Worthy Area (ha)				Hilly Area				Rainfall Recharge				Recharge from other sorces				Total			
				C	NC	PQ	Total	C	NC	PQ	Total				Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
681	NR	NR-119	Nandurbar	0	898.0	0	898.0	0	2409.0	0	2409.0	6121	8530.0	0	187.5	0	187.5	3.7	24.1	0	27.8	3.7	211.6	0	215.2		
682	NR	NR-120	Nandurbar	0	898.0	0	898.0	0	6682.0	0	6682.0	15591	22273.0	0	643.1	0	643.1	0	212.2	0	212.2	0	855.4	0	855.4		
683	NR	NR-131	Nandurbar	0	1205.0	0	1205.0	0	6838.0	0	6838.0	15955	22793.0	0	795.1	0	795.1	0	6.8	0	6.8	0	801.8	0	801.8		
684	NR	NR-132	Nandurbar	0	1205.0	0	1205.0	0	8082.0	0	8082.0	18858	26940.0	0	869.5	0	869.5	0	208.1	0	208.1	0	1077.7	0	1077.7		
685	NR	NR-141	Nandurbar	0	1205.0	0	1205.0	0	7257.0	0	7257.0	16934	24191.0	0	808.0	0	808.0	0	131.4	0	131.4	0	939.4	0	939.4		
686	NR	NR-97	Nandurbar	0	898.0	0	898.0	0	5484.0	0	5484.0	13800	19284.0	0	426.7	0	426.7	0	10.6	0	10.6	0	437.3	0	437.3		
687	PA	PA-1	Jalna	0	642.0	0	642.0	0	6089.2	0	6089.2	0	6089.2	0	470.1	0	470.1	0	132.3	0	132.3	0	602.4	0	602.4		
688	PG	PG-1	Yawatmal	920.2	920.2	0	920.2	2596.4	26796.4	0	29392.8	7511	36903.6	248.5	3051.3	0	3299.8	616.6	399.2	0	1015.8	865.1	3450.5	0	4315.5		
689	PG	PG-1	Chandrapur	1281.0	1281.0	0	1281.0	4113.0	25806.0	0	29919.0	1575	31494.0	135.6	1265.1	0	1400.7	231.5	119.2	0	350.7	367.1	1384.4	0	1751.4		
690	PG	PG-1	Buldhana	795.5	795.5	0	795.5	741.0	17777.0	0	18518.0	5617	24135.0	61.3	1762.6	0	1823.9	95.4	690.8	0	786.3	156.8	2453.4	0	2610.2		
691	PG	PG-10	Yawatmal	0	1111.0	0	1111.0	0	9593.2	0	9593.2	4814	14406.9	0	898.4	0	898.4	0	43.0	0	43.0	0	941.4	0	941.4		
692	PG	PG-11	Yawatmal	1141.4	1141.4	0	1141.4	206.4	24976.4	0	25182.8	7332	32514.4	13.5	1629.0	0	1642.4	5.0	181.3	0	186.3	18.5	1810.3	0	1828.8		
693	PG	PG-12	Yawatmal	0	1080.0	0	1080.0	0	9181.1	0	9181.1	1671	10852.0	0	1135.7	0	1135.7	0	61.3	0	61.3	0	1197.0	0	1197.0		
694	PG	PG-2	Yawatmal	951.6	951.6	0	951.6	15253.0	12155.0	0	27408.0	3244	30652.4	1509.5	1432.9	0	2942.4	1502.5	300.9	0	1803.4	3012.0	1733.8	0	4745.8		
695	PG	PG-2	Buldhana	795.5	795.5	0	795.5	1205.0	22950.0	0	24155.0	2163	26318.0	80.4	1909.4	0	1989.8	133.0	901.5	0	1034.5	213.4	2810.9	0	3024.3		
696	PG	PG-2	Chandrapur	1281.0	1281.0	0	1281.0	1944.0	28114.0	0	30050.8	3340	33398.0	64.1	1152.5	0	1216.5	153.8	88.8	0	242.6	217.9	1241.2	0	1459.1		
697	PG	PG-22	Washim	916.0	916.0	0	916.0	1645.5	23810.5	0	25456.0	2036	27492.0	148.1	2051.8	0	2199.9	321.3	332.1	0	653.4	469.4	2383.9	0	2853.4		
698	PG	PG-23	Washim	916.9	916.9	0	916.9	3052.2	20887.8	0	23940.0	376	24316.0	194.7	1332.1	0	1526.7	501.1	474.0	0	975.0	695.7	1806.1	0	2501.8		
699	PG	PG-24	Buldhana	828.5	828.5	0	828.5	822.0	6397.0	0	7219.0	676	7895.0	65.9	552.3	0	618.2	86.8	134.3	0	221.1	152.7	686.6	0	839.3		
700	PG	PG-24	Washim	924.0	924.0	0	924.0	770.0	8174.0	0	8944.0	0	8944.0	92.0	813.5	0	905.5	297.4	161.6	0	459.0	389.4	975.1	0	1364.5		
701	PG	PG-25	Buldhana	844.0	844.0	0	844.0	3752.0	9375.0	0	13127.0	2581	15708.0	287.5	829.5	0	1117.0	304.5	249.9	0	554.4	592.0	1079.3	0	1671.4		
702	PG	PG-26	Buldhana	0	805.0	0	805.0	0	13382.0	0	13382.0	4407	17789.0	0	1015.6	0	1015.6	0	434.7	0	434.7	0	1450.3	0	1450.3		
703	PG	PG-3	Yawatmal	951.6	951.6	0	951.6	1569.0	15272.6	0	16841.6	687	17528.2	175.1	1800.4	0	1975.6	81.8	225.2	0	307.0	256.9	2025.7	0	2282.6		
704	PG	PG-3	Buldhana	824.5	805.0	0	805.2	118.0	13367.0	0	13485.0	1850	15335.0	10.1	1341.7	0	1351.8	8.3	471.2	0	479.5	18.4	1812.9	0	1831.3		
705	PG	PG-4	Buldhana	828.5	777.0	0	783.7	2798.0	18691.0	0	21489.0	3277	24766.0	289.9	1818.9	0	2108.8	268.1	454.6	0	722.8	558.0	2273.5	0	2831.5		
706	PG	PG-4	Yawatmal	951.6	951.6	0	951.6	666.0	14771.0	0	15437.0	7798	23235.3	78.5	1741.3	0	1819.8	19.1	287.3	0	306.3	97.6	2028.6	0	2126.2		
707	PG	PG-5	Washim	0	924.0	0	924.0	0	1212.0	0	1212.0	0	1212.0	0	144.8	0	144.8	0	14.9	0	14.9	0	159.7	0	159.7		
708	PG	PG-5	Yawatmal	951.6	951.6	0	951.6	4995.2	15188.1	0	20183.3	4698	24881.7	494.4	1790.5	0	2284.8	124.1	293.3	0	417.5	618.5	2083.8	0	2702.3		
709	PG	PG-5	Buldhana	813.0	813.0	0	813.0	1737.0	12629.0	0	14366.0	2703	17069.0	147.0	1280.5	0	1427.4	85.5	472.5	0	558.0	232.5	1752.9	0	1985.5		
710	PG	PG-6	Yawatmal	951.6	951.6	0	951.6	2240.8	15566.0	0	17896.8	7200	25096.3	221.8	1768.9	0	1990.6	24.2	173.5	0	197.6	245.9	1942.3	0	2188.3		
711	PG	PG-6	Washim	924.0	924.0	0	924.0	30.0	11195.0	0	11225.0	1023	12248.0	3.0	1337.1	0	1340.1	20.1	331.5	0	351.6	23.1	1668.5	0	1691.6		
712	PG	PG-6	Buldhana	0	813.0	0	813.0	0	1495.0	0	1495.0	513	2008.0	0	126.4	0	126.4	0	52.3	0	52.3	0	178.7	0	178.7		
713	PG	PG-7	Washim	0	924.0	0	924.0	0	1697.0	0	1697.0	0	1697.0	0	202.7	0	202.7	0	51.8	0	51.8	0	254.5	0	254.5		
714	PG	PG-7	Yawatmal	0	951.6	0	951.6	0	14072.7	0	14072.7	10221	24293.6	0	1659.0	0	1659.0	0	64.7	0	64.7	0	1723.7	0	1723.7		
715	PG	PG-8	Yawatmal	0	947.4	0	947.4	0	14795.6	0	14795.6	4353	19148.1	0	1735.5	0	1735.5	0	200.4	0	200.4	0	1936.0	0	1936.0		
716	PG	PG-8	Washim	924.0	924.0	0	924.0	837.0	23772.0	0	24609.0	187	24796.0	100.0	2839.2	0	2939.2	177.9	534.5	0	712.4	277.9	3373.7	0	3651.6		
717	PG	PG-9	Washim	924.0	924.0	0	924.0	352.0	4297.0	0	4649.0	0	4649.0	28.0	342.1	0	370.2	47.0	208.1	0	255.1	75.0	550.2	0	625.3		
718	PG	PG-9	Yawatmal	0	1100.7	0	1100.7	0	4074.9	0	4074.9	2084	6158.9	0	383.4	0	383.4	0	29.3	0	29.3	0	412.7	0	412.7		
719	PGA	PGA-1	Yawatmal	888.8	888.8	0	888.8	2367.4	20271.5	0	22638.9	1550	24188.7	218.8	1521.2	0	1740.0	63.0	308.3	0	371.2	281.8	1829.4	0	2111.2		
720	PGA	PGA-1	Washim	864.0	864.0	0	864.0	2783.1	26636.9	0	29420.0	716	30136.0	224.7	2871.1	0	3095.8	720.3	912.6	0	1632.9	945.0	3783.7	0	4728.7		
721	PGA	PGA-2	Yawatmal	913.9	913.9	0	913.9	3047.6	18569.8	0	21617.4	1552	23169.1	289.7	1469.6	0	1759.2	94.2	627.3	0	721.6	383.9	2096				

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)												
				C	NC	PQ	Total	Recharge Worthy Area (ha)						Rainfall Recharge				Recharge from other sorces				Total				
				C	NC	PQ	Total	C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
767	PGW	PGW-4	Yavatmal		0	1100.7	0	1100.7	0	15154.6	0	15154.6	4430	19584.3	0	1062.0	0	1062.0	0	97.6	0	97.6	0	1159.7	0	1159.7
768	PGW	PGW-5	Yavatmal	1100.7	1100.7	0	1100.7	4738.0	8367.8	0	13105.8	1919	15024.8	439.4	1139.7	0	1579.2	235.5	69.3	0	304.8	674.9	1209.1	0	1884.0	
769	PPG	PPG-1	Hingoli	0	943.0	0	943.0	0	42984.0	0	42984.0	0	42984.0	0	3834.4	0	3834.4	0	1371.3	0	1371.3	0	5205.7	0	5205.7	
770	PPG	PPG-10	Hingoli	984.0	984.0	0	984.0	3069.0	847.0	0	3916.0	0	3916.0	374.5	70.0	0	444.5	185.4	126.5	0	311.9	559.9	196.5	0	756.4	
771	PPG	PPG-11	Hingoli	984.0	984.0	0	984.0	14767.0	11185.0	0	25952.0	0	25952.0	1492.2	1168.5	0	2660.7	1475.5	738.7	0	2214.2	2967.8	1907.1	0	4874.9	
772	PPG	PPG-2	Hingoli	0	943.0	0	943.0	0	2642.0	0	2642.0	2000	4642.0	0	309.4	0	309.4	0	64.2	0	64.2	0	373.6	0	373.6	
773	PPG	PPG-3	Hingoli	943.0	943.0	0	943.0	3990.0	24427.0	0	28417.0	0	28417.0	383.6	2495.8	0	2879.4	505.7	651.3	0	1157.0	889.3	3147.1	0	4036.5	
774	PPG	PPG-4	Hingoli	943.0	943.0	0	943.0	8193.0	13200.0	0	21393.0	0	21393.0	959.4	1266.2	0	2225.6	317.0	805.7	0	1122.7	1276.4	2071.9	0	3348.3	
775	PPG	PPG-5	Hingoli	943.0	943.0	0	943.0	8307.0	11429.0	0	19736.0	0	19736.0	682.0	1248.0	0	1930.0	662.0	349.0	0	1011.0	1344.0	1597.0	0	2940.9	
776	PPG	PPG-6	Hingoli	943.0	943.0	0	943.0	3959.0	36077.0	0	40036.0	0	40036.0	450.8	4224.5	0	4675.3	340.0	767.1	0	1107.1	790.8	4991.6	0	5782.4	
777	PPG	PPG-7	Hingoli	943.0	943.0	0	943.0	5714.0	31965.0	0	37679.0	0	37679.0	501.7	3769.0	0	4244.7	716.5	1004.6	0	1721.1	1218.2	4747.6	0	5965.8	
778	PPG	PPG-8	Hingoli	984.0	984.0	0	984.0	2553.0	21772.0	0	24325.0	0	24325.0	221.6	2656.9	0	2878.5	395.2	803.5	0	1198.7	616.8	3460.4	0	4077.2	
779	PPG	PPG-9	Hingoli	984.0	984.0	0	984.0	6617.0	21914.0	0	28531.0	0	28531.0	667.0	2674.3	0	3341.2	729.6	502.6	0	1232.2	1396.5	3176.9	0	4573.4	
780	PR	PR-1	Gadchiroli	0	1096.4	0	1096.4	0	12995.0	0	12995.0	5570	18565.0	0	1846.5	0	1846.5	0	241.4	0	241.4	0	2087.9	0	2087.9	
781	PR	PR-2	Gadchiroli	0	1096.4	0	1096.4	0	13119.0	0	13119.0	10732	23851.0	0	1601.4	0	1601.4	0	223.4	0	223.4	0	1824.8	0	1824.8	
782	PR	PR-3	Gadchiroli	0	1254.1	0	1254.1	0	15231.0	0	15231.0	3808	19039.0	0	1375.3	0	1375.3	0	17.4	0	17.4	0	1392.7	0	1392.7	
783	PR	PR-4	Gadchiroli	0	1254.1	0	1254.1	0	21930.0	0	21930.0	21931	43861.0	0	2085.5	0	2085.5	0	151.9	0	151.9	0	2237.4	0	2237.4	
784	PR	PR-5	Chandrapur	0	1281.0	0	1281.0	0	3125.0	0	3125.0	11563	14688.0	0	224.2	0	224.2	0	53.5	0	53.5	0	277.7	0	277.7	
785	PR	PR-6	Chandrapur	0	1281.0	0	1281.0	0	3718.0	0	3718.0	1811	5529.0	0	319.0	0	319.0	0	33.5	0	33.5	0	352.5	0	352.5	
786	PRD	PRD-0	Gadchiroli	0	1254.1	0	1254.1	0	15958.0	0	15958.0	15958	31916.0	0	1365.2	0	1365.2	0	73.3	0	73.3	0	1438.5	0	1438.5	
787	PRD	PRD-1	Gadchiroli	1231.3	1231.3	0	1231.3	192.7	14224.4	0	14417.1	1602	16019.0	17.1	1513.2	0	1530.3	183.0	174.1	0	357.1	200.1	1687.3	0	1887.4	
788	PRD	PRD-2	Gadchiroli	0	1254.1	0	1254.1	0	7479.0	0	7479.0	0	7479.0	0	549.2	0	549.2	0	47.4	0	47.4	0	596.7	0	596.7	
789	PRD	PRD-3	Gadchiroli	0	1204.2	0	1204.2	0	21671.0	0	21671.0	7223	28894.0	0	2254.8	0	2254.8	0	81.8	0	81.8	0	2336.6	0	2336.6	
790	PRDC	PRDC-0	Gadchiroli	0	1231.3	0	1231.3	0	11223.0	0	11223.0	1980	13203.0	0	1029.9	0	1029.9	0	117.3	0	117.3	0	1147.2	0	1147.2	
791	PRDP	PRDP-0	Gadchiroli	0	1208.4	0	1208.4	0	10778.0	0	10778.0	4619	15397.0	0	1089.5	0	1089.5	0	152.9	0	152.9	0	1242.3	0	1242.3	
792	PRDW	PRDW-0	Gadchiroli	0	1231.3	0	1231.3	0	15657.0	0	15657.0	8430	24087.0	0	1143.4	0	1143.4	0	156.8	0	156.8	0	1300.2	0	1300.2	
793	PRJ	PRJ-0	Chandrapur	0	1281.0	0	1281.0	0	12700.0	0	12700.0	4966	17666.0	0	925.0	0	925.0	0	98.4	0	98.4	0	1023.3	0	1023.3	
794	PRM	PRM-0	Gadchiroli	0	1106.5	0	1106.5	0	25806.0	0	25806.0	2867	28673.0	0	2340.7	0	2340.7	0	244.7	0	244.7	0	2585.4	0	2585.4	
795	PRT	PRT-0	Gadchiroli	0	1175.3	0	1175.3	0	21996.0	0	21996.0	6398	25594.0	0	2047.7	0	2047.7	0	145.1	0	145.1	0	2192.8	0	2192.8	
796	PT	PT	Jalgaon	596.3	596.3	0	596.3	253.0	24481.0	0	24734.0	0	24734.0	16.1	1470.0	0	1486.1	128.7	563.3	0	692.0	144.9	2033.2	0	2178.1	
797	PT	PT	Jalgaon	0	596.3	0	596.3	0	7433.0	0	7433.0	0	7433.0	0	568.6	0	568.6	0	124.4	0	124.4	0	693.1	0	693.1	
798	PT	PT-1	Amravati	0	1223.0	0	1223.0	0	425.0	0	425.0	520	945.0	0	23.3	0	23.3	0	8.7	0	8.7	0	32.0	0	32.0	
799	PT	PT-10	Buldhana	0	695.0	688.5	693.9	0	22718.0	4480.0	27198.0	1618	28816.0	0	1263.1	354.4	1617.5	0	70.3	21.0	722.3	0	1964.5	375.4	2339.8	
800	PT	PT-11	Buldhana	682.0	682.0	682.0	682.0	356.0	25367.0	4500.0	30223.0	2633	32856.0	23.3	1987.6	294.6	2305.6	24.9	1052.7	6.7	1084.4	48.2	3040.4	301.4	3390.0	
801	PT	PT-12	Buldhana	682.0	682.0	0	682.0	796.0	19562.0	0	20358.0	1718	22076.0	62.4	1532.8	0	1595.2	74.7	389.9	0	464.5	137.0	1922.6	0	2059.7	
802	PT	PT-13	Jalgaon	0	596.3	0	596.3	0	18234.0	0	18234.0	0	18234.0	0	1256.4	0	1256.4	0	598.6	0	598.6	0	1855.0	0	1855.0	
803	PT	PT-13	Buldhana	0	736.0	0	736.0	0	5144.0	0	5144.0	118	5262.0	0	473.0	0	473.0	6.2	130.3	0	136.5	6.2	603.3	0	609.4	
804	PT	PT-14	Buldhana	736.0	736.0	0	736.0	2476.0	8945.0	0	11421.0	0	11421.0	227.7	822.5	0	1050.1	305.7	182.7	0	488.4	533.3	1005.2	0	1538.5	
805	PT	PT-15	Buldhana	718.0	718.0	718.0	718.0	144.0	17039.0	1648.0	18831.0	0	18831.0	10.9	1542.2	124.3	1677.4	26.0	485.8	4.5	516.3	36.9	2028.0	128.8	2193.7	
806	PT	PT-16	Buldhana	0	718.0	718.0	718.0	0	4726.0	300.0	5026.0	0	5026.0	0	329.0	25.1	354.1	0	68.0	9.5	77.5	0	397.0	34.6	431.6	
807	PT	PT-17	Akola	0	730.2	0	730.2	0	20872.0	0	20872.0	0	20872.0	0	853.5	0	853.5	0	72.4	0	72.4	0	925.9	0	925.9	

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)						Rainfall Recharge				Recharge from other sorces				Total			
				C	NC	PQ	Total	C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
853	PTM	PTM-2	Buldhana	0	844.0	0	844.0	0	3573.0	0	3573.0	454	4027.0	0	326.8	0	326.8	0	85.4	0	85.4	0	412.1	0	412.1
854	PTM	PTM-3	Buldhana	805.0	805.0	0	805.0	232.0	24488.0	0	24720.0	6807	31527.0	19.4	1981.3	0	2000.7	57.6	645.0	0	702.6	77.0	2626.3	0	2703.3
855	PTM	PTM-3	Akola	0	801.1	0	801.1	0	786.0	0	786.0	0	786.0	0	67.3	0	67.3	0	6.0	0	6.0	0	73.4	0	73.4
856	PTM	PTM-4	Akola	730.2	730.2	0	730.2	674.0	4829.0	0	5503.0	36	5539.0	33.1	236.9	0	270.0	65.0	54.2	0	119.2	98.0	291.1	0	389.1
857	PTMB	PTMB-1	Akola	0	730.2	0	730.2	0	763.0	0	763.0	0	763.0	0	31.2	0	31.2	0	1.8	0	1.8	0	33.0	0	33.0
858	PTMB	PTMB-1	Buldhana	717.0	717.0	730.0	722.0	1725.0	13884.0	9762.0	25371.0	1896	27267.0	103.1	1091.4	575.0	1769.4	173.2	294.8	15.6	483.6	276.2	1386.2	590.6	2253.0
859	PTMM	PTMM-1	Akola	0	730.2	0	730.2	0	2572.0	0	2572.0	0	2572.0	0	180.2	0	180.2	0	13.1	0	13.1	0	193.3	0	193.3
860	PTMM	PTMM-1	Buldhana	717.0	717.0	0	717.0	3698.0	19732.0	0	23430.0	7366	30796.0	330.6	1471.4	0	1802.0	384.0	563.9	0	947.9	714.6	2035.3	0	2749.9
861	PTMN	PTMN-1	Buldhana	0	844.0	0	844.0	0	4146.0	0	4146.0	1064	5210.0	0	307.9	0	307.9	0	120.2	0	120.2	0	428.1	0	428.1
862	PTMN	PTMN-1 B	Akola	0	801.1	0	801.1	0	2920.7	0	2920.7	4412	7333.0	0	161.7	0	161.7	0	123.0	0	123.0	0	284.7	0	284.7
863	PTMN	PTMN-1 B	Washim	0	1076.0	0	1076.0	0	6827.3	0	6827.3	3724	10551.0	0	492.9	0	492.9	0	143.7	0	143.7	0	636.6	0	636.6
864	PTMN	PTMN-2	Akola	801.1	801.1	0	801.1	4517.5	14931.5	0	19449.0	4049	23498.0	387.0	1285.0	0	1672.0	129.9	292.9	0	422.8	516.9	1577.9	0	2094.8
865	PTMN	PTMN-3	Akola	801.1	801.1	0	801.1	2097.2	19843.8	0	21941.0	2192	24133.0	143.7	2040.0	0	2183.7	169.6	464.6	0	634.2	313.3	2504.6	0	2818.0
866	PTMT	PTMT-1	Akola	0	730.2	0	730.2	0	1684.0	0	1684.0	0	1684.0	0	98.4	0	98.4	0.4	56.1	0	56.5	0.4	154.5	0	154.9
867	PTMT	PTMT-1	Buldhana	717.0	717.0	0	717.0	3525.0	14390.0	0	17915.0	7918	25833.0	230.3	977.8	0	1208.0	283.1	287.1	0	570.3	513.4	1264.9	0	1778.3
868	PTMU	PTMU-1	Buldhana	844.0	844.0	0	844.0	3548.0	12998.0	0	16546.0	5474	22020.0	313.9	1380.0	0	1693.9	75.4	310.7	0	386.1	389.3	1690.7	0	2080.0
869	PTMU	PTMU-1	Akola	0	801.1	0	801.1	0	4256.0	0	4256.0	80	4336.0	0	311.9	0	311.9	0	82.8	0	82.8	0	394.7	0	394.7
870	PTN	PTN-1	Buldhana	753.0	753.0	0	753.0	339.0	20194.0	0	20533.0	807	21340.0	14.4	1025.8	0	1040.1	41.5	434.1	0	475.6	55.9	1459.8	0	1515.7
871	PTN	PTN-2	Buldhana	753.0	753.0	0	753.0	3578.0	18295.0	0	21171.0	3477	25350.0	181.7	929.3	0	1111.0	277.0	563.7	0	840.7	458.7	1493.0	0	1951.7
872	PTN	PTN-3	Buldhana	0	753.0	0	753.0	0	7154.0	0	7154.0	7794	14948.0	0	674.9	0	289.2	0	289.2	0	964.1	0	964.1	0	964.1
873	PTP	PTP-1	Amravati	977.0	748.0	748.0	757.0	1449.0	32602.0	2788.0	36839.0	0	36839.0	162.8	2341.1	200.2	2704.1	585.3	344.2	28.9	958.4	748.1	2685.3	229.1	3662.5
874	PTP	PTP-2	Amravati	0	748.0	748.0	748.0	0	24059.0	4081.0	28140.0	0	28140.0	0	2070.2	244.2	2314.4	3.0	122.8	23.0	148.8	3.0	2193.0	267.2	2463.1
875	PTP	PTP-2	Akola	0	821.8	0	821.8	0	1221.0	0	1221.0	4	1225.0	0	80.7	0	80.7	0	1.2	0	1.2	0	81.8	0	81.8
876	PTP	PTP-3	Amravati	0	748.0	757.0	756.4	0	1329.0	19590.0	20919.0	0	20919.0	0	79.5	1418.4	1498.0	0	1.3	50.3	51.6	0	80.8	1468.7	1549.6
877	PTP	PTP-3	Akola	0	821.8	0	821.8	0	1884.0	0	1884.0	35	1919.0	0	149.4	0	149.4	0	15.3	0	15.3	0	164.6	0	164.6
878	PTP	PTP-4	Amravati	0	837.3	748.0	833.9	0	22386.0	894.0	23280.0	3731	27011.0	0	1864.5	0	1864.5	12.8	341.1	6.8	360.7	12.8	2205.6	6.8	2225.2
879	PTP	PTP-4	Akola	0	821.8	0	821.8	0	1741.0	0	1741.0	0	1741.0	0	179.4	0	179.4	0	37.5	0	37.5	0	216.9	0	216.9
880	PTP	PTP-5	Amravati	0	871.5	748.0	813.2	0	4628.0	4140.0	8768.0	1211	9979.0	0	337.4	0	337.4	0	16.2	22.0	38.1	0	353.5	22.0	375.5
881	PTP	PTP-6	Amravati	977.0	977.0	748.0	966.0	465.0	35371.0	1808.0	37644.0	5114	42758.0	44.0	3594.0	129.8	3767.8	108.7	888.4	5.1	1002.2	152.6	4482.4	134.9	4770.0
882	PTR	PTR-1	Akola	0	820.2	820.2	820.2	0	10708.0	4331.0	15039.0	23	15062.0	0	588.3	339.9	928.1	0	142.6	0.6	143.2	0	730.9	340.5	1071.3
883	PTR	PTR-2	Akola	820.2	820.2	0	820.2	774.4	26281.6	0	27056.0	160	27216.0	79.0	1443.8	0	1522.8	0	280.8	0	290.8	101.7	1711.8	0	1813.6
884	PTR	PTR-3 B	Washim	1076.0	1076.0	0	1076.0	920.7	9694.3	0	10615.0	2765	13380.0	66.5	699.8	0	766.3	202.9	497.1	0	699.9	269.3	1196.9	0	1466.2
885	PTR	PTR-3 B	Akola	820.2	820.2	0	820.2	4093.5	12128.5	0	25322.0	3112	28434.0	188.0	975.1	0	1163.1	155.6	325.9	0	481.5	343.6	1300.9	0	1644.6
886	PTR	PTR-4	Akola	0	748.3	748.3	748.3	0	22343.0	5127.0	27470.0	448	27918.0	0	1601.8	0	1908.8	0	351.2	8.3	359.5	0	1953.1	315.2	2268.3
887	PTS	PTS-1	Amravati	650.0	1597.0	650.0	1024.5	2065.0	11686.0	15799.0	29550.0	10045	39595.0	153.2	1078.4	985.9	2217.5	1270.0	193.1	53.3	1516.4	1423.2	1271.5	1039.1	3733.9
888	PTS	PTS-1	Akola	0	0.0	820.2	820.2	0	0.0	7230.0	0	7230.0	0	7230.0	0	474.4	0	474.4	0	0.0	3.2	3.2	0	477.6	477.6
889	PTSB	PTSB-1	Amravati	650.0	650.0	649.0	649.9	3656.0	22277.0	3401.0	29334.0	10697	40031.0	226.0	1158.4	176.6	1561.0	692.7	320.3	7.9	1020.8	918.7	1478.7	184.5	2581.8
890	PTSB	PTSB-1	Akola	768.4	768.4	768.4	768.4	1330.7	6569.3	147.0	8047.0	219	8266.0	98.2	579.6	9.0	686.8	84.0	65.1	0	149.1	182.2	644.7	9.0	835.9
891	PTSP	PTSP-1	Akola	768.4	768.4	768.4	768.4	2081.5	19903.5	6436.0	28421.0	98	28519.0	183.7	1223.5	473.2	1880.4	124.1	86.6	20.1	230.7	307.7	1310.1	493.3	2111.1
892	PTSP	PTSP-1	Amravati	0	0.0	649.0	649.0	0	0.0	1502.0	1502.0	0	1502.0	0	78.0	0	78.0	0	0.0	1.8	1.8	0	79.8	79.8	
893	PTU	PTU-1 B	Washim	836.0	836.0	0	836.0	635.3	10390.5	0	11565.8	1188	12754.0	35.9	618.3	0	654.2								

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)					Ground Water Recharge (ham)												
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Hilly Area	Total	Rainfall Recharge				Recharge from other sorces				Total				
C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ			Total	C	NC	PQ	Total	C	NC	PQ	Total				
939	SA	SA-33	Solapur	0	737.4	0	737.4	0	22617.0	0	22617.0	603	23220.0	0	1118.8	0	1118.8	6.6	553.8	0	560.4	6.6	1672.6	0	1679.2
940	SA	SA-33 B	Osmanabad	0	751.7	0	751.7	0	3178.0	0	3178.0	302	3480.0	0	306.8	0	306.8	0	92.9	0	92.9	0	399.7	0	399.7
941	SA	SA-34	Solapur	0	737.4	0	737.4	0	25805.0	0	25805.0	0	25805.0	0	1276.5	0	1276.5	19.1	509.8	0	529.0	19.1	1786.3	0	1805.4
942	SA	SA-35	Solapur	0	769.7	0	769.7	0	15656.0	0	15656.0	0	15656.0	0	1497.8	0	1497.8	1.4	319.9	0	321.2	1.4	1817.6	0	1819.0
943	SA	SA-36	Solapur	603.3	603.3	0	603.3	2285.0	9201.0	0	11486.0	0	11486.0	141.6	598.3	0	739.9	540.3	305.2	0	845.5	681.9	903.5	0	1585.3
944	SA	SA-37	Solapur	603.3	603.3	0	603.3	3674.0	22563.0	0	26237.0	0	26237.0	148.2	910.1	0	1058.3	653.3	550.7	0	1204.0	801.5	1460.8	0	2262.4
945	SA	SA-37 A	Osmanabad	751.7	751.7	0	751.7	800.0	16061.0	0	16861.0	3196	20057.0	77.2	1550.5	0	1627.7	12.2	557.6	0	569.9	89.5	2108.1	0	2197.6
946	SA	SA-38	Solapur	769.7	769.7	0	769.7	6723.0	48012.0	0	54735.0	0	54735.0	643.2	4593.2	0	5236.4	625.6	763.6	0	1389.3	1268.8	5356.8	0	6625.7
947	SA	SA-38 A	Osmanabad	837.4	837.4	0	837.4	645.0	10974.0	0	11619.0	2636	14255.0	66.9	1137.7	0	1204.6	13.8	403.5	0	417.3	80.6	1541.2	0	1621.9
948	SA	SA-39	Solapur	603.3	603.3	0	603.3	9480.0	19118.0	0	28598.0	0	28598.0	710.2	1432.2	0	2142.4	597.6	538.3	0	1135.9	1307.7	1970.5	0	3278.2
949	SA	SA-39 A	Osmanabad	837.4	837.4	0	837.4	200.0	6932.0	0	7132.0	203	7335.0	20.7	718.7	0	739.4	2.3	188.6	0	190.9	23.0	907.3	0	930.3
950	SA	SA-4	Ahmednagar	622.0	622.0	622.0	622.0	0	20558.0	0	20558.0	420	20978.0	0	1550.5	0	1550.5	0	514.4	0	514.4	0	2064.9	0	2064.9
951	SA	SA-40	Solapur	0	769.7	0	769.7	0	15580.0	0	15580.0	0	15580.0	0	1003.8	0	1003.8	9.8	168.9	0	178.6	9.8	1172.7	0	1182.4
952	SA	SA-40 A	Osmanabad	0	837.4	0	837.4	0	4051.0	0	4051.0	10	4061.0	0	420.0	0	420.0	0	67.6	0	67.6	0	487.6	0	487.6
953	SA	SA-41	Solapur	0	769.7	0	769.7	0	23690.0	0	23690.0	0	23690.0	0	2266.4	0	2266.4	0	408.1	0	408.1	0	2674.5	0	2674.5
954	SA	SA-43 A	Osmanabad	837.4	837.4	0	837.4	660.0	25084.0	0	25744.0	1068	26812.0	68.4	2600.6	0	2669.0	13.7	673.3	0	686.9	82.1	3273.8	0	3355.9
955	SA	SA-5	Ahmednagar	622.0	622.0	622.0	622.0	0	18895.0	0	18895.0	788	19683.0	0	1391.3	0	1391.3	0	526.7	0	526.7	0	1918.0	0	1918.0
956	SA	SA-5 B	Beed	660.0	660.0	0	660.0	1723.0	19359.0	0	21082.0	0	21082.0	139.4	1565.9	0	1705.2	502.2	435.1	0	937.4	641.6	2001.0	0	2642.6
957	SA	SA-6	Ahmednagar	622.0	622.0	622.0	622.0	0	10356.0	0	10356.0	780	11136.0	0	781.1	0	781.1	0	326.5	0	326.5	0	1107.5	0	1107.5
958	SA	SA-7	Ahmednagar	622.0	622.0	622.0	622.0	0	4428.0	0	4428.0	233	4661.0	0	334.0	0	334.0	0	146.4	0	146.4	0	480.4	0	480.4
959	SA	SA-8	Ahmednagar	622.0	622.0	622.0	622.0	0	10225.0	0	10225.0	653	10878.0	0	771.2	0	771.2	0	242.7	0	242.7	0	1013.9	0	1013.9
960	SA	SA-9	Beed	660.0	660.0	0	660.0	2478.0	15255.0	0	17733.0	915	18648.0	200.4	1233.9	0	1434.4	314.0	520.3	0	834.2	514.4	1754.2	0	2268.6
961	SE	SE-0	Gadchiroli	0	1356.7	0	1356.7	0	9161.0	0	9161.0	245	9406.0	0	1051.3	0	1051.3	0	143.8	0	143.8	0	1195.0	0	1195.0
962	TE	TE-07	Jalgaon	705.7	705.7	0	705.7	2660.0	39071.0	0	41731.0	424	42155.0	215.6	3166.7	0	3382.3	399.1	558.3	0	957.4	614.7	3724.9	0	4339.6
963	TE	TE-1	Jalgaon	0	596.3	0	596.3	0	10205.0	0	10205.0	0	10205.0	0	746.0	0	746.0	0	199.1	0	199.1	0	945.1	0	945.1
964	TE	TE-1	Amravati	1597.0	1597.0	0	1597.0	196.0	4616.0	0	4812.0	5858	10670.0	18.1	340.8	0	358.9	19.2	92.6	0	111.8	37.3	433.4	0	470.6
965	TE	TE-100	Dhule	601.0	601.0	0	601.0	2687.0	3141.0	0	5828.0	10	5838.0	169.9	198.6	0	368.5	1490.0	37.5	0	1527.5	1659.9	236.1	0	1896.0
966	TE	TE-101	Dhule	539.0	539.0	0	539.0	600.0	15780.0	0	16380.0	2890	19270.0	36.4	619.2	0	655.6	997.3	286.4	0	1283.7	1033.7	905.6	0	1939.3
967	TE	TE-102	Dhule	539.0	539.0	0	539.0	1340.0	28002.0	0	29342.0	5180	34522.0	75.1	1881.1	0	1956.2	252.3	626.3	0	878.6	327.4	2507.4	0	2834.8
968	TE	TE-103	Dhule	539.0	539.0	0	539.0	2370.0	29880.0	0	32250.0	3610	35860.0	143.9	1451.5	0	1595.4	1181.9	640.2	0	1822.2	1325.9	2091.8	0	3417.6
969	TE	TE-104	Dhule	539.0	539.0	0	539.0	460.0	17250.0	0	17710.0	1970	19680.0	22.4	995.2	0	1017.6	80.6	488.6	0	569.2	103.0	1483.8	0	1586.8
970	TE	TE-105 A	Dhule	539.0	539.0	0	539.0	760.0	10280.0	0	11040.0	1230	12270.0	29.8	403.4	0	433.2	16.0	350.0	0	366.0	45.8	753.3	0	799.1
971	TE	TE-105 B	Nashik	0	567.7	0	567.7	0	5775.0	0	5775.0	1494	7269.0	0	404.7	0	404.7	1.0	59.6	0	60.6	1.0	464.3	0	465.2
972	TE	TE-106	Nashik	567.7	567.7	0	567.7	3557.0	22938.0	0	26495.0	1364	27859.0	210.0	1607.2	0	1817.2	194.2	471.9	0	666.1	404.2	2079.2	0	2483.3
973	TE	TE-107	Nashik	588.9	588.9	0	588.9	3129.0	30630.0	0	33759.0	8640	42399.0	226.6	1876.0	0	2102.5	283.8	738.5	0	1022.3	510.4	2614.4	0	3124.8
974	TE	TE-108	Nashik	0	673.5	0	673.5	0	7450.0	0	7450.0	455	7905.0	0	621.9	0	621.9	2.7	191.5	0	194.2	2.7	813.5	0	816.2
975	TE	TE-109	Nashik	660.0	660.0	0	660.0	1889.0	12269.0	0	14158.0	1742	15900.0	129.7	971.8	0	1101.5	37.9	492.3	0	530.1	167.5	1464.1	0	1631.6
976	TE	TE-10A	Jalgaon	823.4	823.4	0	823.4	1060.0	16547.0	0	17607.0	523	18129.9	73.6	1723.5	0	1797.1	76.2	403.9	0	480.1	149.8	2127.4	0	2277.2
977	TE	TE-10B	Aurangabad	718.0	705.0	0	709.1	1619.0	3500.0	0	5119.0	2210	7329.0	96.0	203.6	0	299.6	502.1	40.1	0	542.1	598.0	243.7	0	841.7
978	TE	TE-11	Jalgaon	717.0	717.0	0	717.0	2420.0	34690.0	0	37110.0	343	37453.0	167.9	2888.8	0	3056.8	192.5	801.7	0	994.2	360.5	3690.5	0	4051.0
979	TE	TE-111	Nandurbar	771.0	762.0	0	762.0	15.1	30180.0	0	30331.0	562	30893.0	14.1	2824.0	0	2838.1	127.1	424.5						

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)			Total Geographical Area (ha)						Ground Water Recharge (ham)												
				C	NC	PQ	Total	Recharge Worthy Area (ha)						Rainfall Recharge				Recharge from other sources				Total			
								C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total		
1025	TE	TE-19	Jalgaon	693.0	693.0	0	693.0	509.0	11955.0	0	12464.0	0	12464.0	42.6	999.7	0	1042.3	151.9	352.1	0	504.1	194.5	1351.8	0	1546.3
1026	TE	TE-19	Jalgaon	693.0	693.0	0	693.0	367.0	25378.0	0	25745.0	0	25745.0	30.7	2122.1	0	2152.8	499.3	209.6	0	708.9	530.0	2331.7	0	2861.7
1027	TE	TE-2	Jalgaon	0	694.3	0	694.3	0	16740.0	0	16740.0	189	16929.0	0	1328.9	0	1328.9	2.4	949.8	0	952.2	2.4	2278.7	0	2281.1
1028	TE	TE-2	Amravati	0	1223.0	0	1223.0	0	625.0	0	625.0	10503	11128.0	0	34.3	0	34.3	0.8	52.0	0	52.8	0.8	86.3	0	87.1
1029	TE	TE-2	Jalgaon	694.3	694.3	0	694.3	2560.0	20769.0	0	23329.0	0	23329.0	203.2	1648.8	0	1852.0	263.8	814.9	0	1078.7	467.1	2463.6	0	2930.7
1030	TE	TE-20	Jalgaon	693.0	693.0	0	693.0	665.0	27835.0	0	28500.0	0	28500.0	50.2	2363.9	0	2414.1	177.6	474.9	0	652.5	227.8	2838.8	0	3066.6
1031	TE	TE-21	Jalgaon	718.0	718.0	0	718.0	380.0	10916.0	0	11296.0	722	12017.6	28.6	946.0	0	974.6	181.9	230.0	0	412.0	210.5	1176.1	0	1386.6
1032	TE	TE-22	Jalgaon	718.0	718.0	0	718.0	2439.0	17860.0	0	20299.0	1068	21367.0	146.7	1611.0	0	1757.6	466.9	393.5	0	860.4	613.6	2004.5	0	2618.1
1033	TE	TE-22 B	Aurangabad	705.0	705.0	0	705.0	9696.0	4257	9696.0	4257	13953.0	0	564.0	0	564.0	0	139.7	0	139.7	0	703.7	0	703.7	
1034	TE	TE-23	Jalgaon	0	621.5	0	621.5	0	2230.0	3908	2230.0	3908	6138.0	0	178.4	0	178.4	0	32.5	0	32.5	0	210.9	0	210.9
1035	TE	TE-24	Jalgaon	621.5	621.5	0	621.5	8752.0	26079.0	0	34831.0	600	35431.0	538.6	1925.9	0	2464.6	728.0	661.8	0	1389.8	1266.6	2587.7	0	3854.3
1036	TE	TE-25	Jalgaon	669.3	669.3	0	669.3	5186.0	12840.0	0	18026.0	0	18026.0	339.5	1008.8	0	1348.3	254.8	225.7	0	480.5	594.3	1234.5	0	1828.8
1037	TE	TE-26	Jalgaon	707.7	707.7	0	707.7	5186.0	18927.0	0	24113.0	0	24113.0	441.8	1710.2	0	2152.0	1311.7	227.6	0	1539.3	1753.5	1937.8	0	3691.3
1038	TE	TE-27	Jalgaon	709.4	0.0	0	709.4	22378.0	0.0	0	22378.0	0	22378.0	1585.1	0	0	1585.1	1988.8	0.0	0	1988.8	3574.0	0	0	3574.0
1039	TE	TE-28 A	Jalgaon	718.0	718.0	0	718.0	2230.0	4970.0	0	7200.0	0	7200.0	134.1	448.3	0	582.4	1439.3	93.4	0	1532.8	1573.4	541.7	0	2115.2
1040	TE	TE-28 B	Aurangabad	705.0	705.0	0	705.0	1919.0	14791.0	0	16710.0	2175	18885.0	111.6	860.4	0	972.0	148.6	270.6	0	419.2	260.2	1131.0	0	1391.2
1041	TE	TE-29	Jalgaon	621.5	621.5	0	621.5	2770.0	10206.0	0	12976.0	906	13882.3	204.6	753.7	0	958.3	136.6	160.5	0	297.1	341.1	914.2	0	1255.4
1042	TE	TE-3	Amravati	0	1337.0	0	1337.0	0	1562.0	0	1562.0	9041	10603.0	0	111.4	0	111.4	0	21.3	0	21.3	0	132.7	0	132.7
1043	TE	TE-3	Jalgaon	694.3	694.3	0	694.3	2099.0	27012.0	0	29111.0	3746	32857.0	166.6	2144.4	0	2311.0	190.0	246.9	0	436.9	356.7	2391.3	0	2748.0
1044	TE	TE-30	Jalgaon	621.5	621.5	0	621.5	13370.0	17790.0	0	31460.0	308	31468.4	987.4	1094.8	0	2082.2	687.3	318.0	0	1005.3	1674.7	1412.8	0	3087.5
1045	TE	TE-31	Jalgaon	707.7	707.7	0	707.7	1754.0	18293.0	0	20047.0	0	20047.0	105.7	1653.0	0	1758.6	3237.6	252.8	0	3490.4	3343.3	1905.8	0	5249.0
1046	TE	TE-32	Jalgaon	652.9	652.9	0	652.9	5620.0	19151.0	0	24771.0	2009	26780.0	460.0	1567.6	0	2027.6	1479.0	397.3	0	1876.3	1939.3	1964.9	0	3903.9
1047	TE	TE-33	Jalgaon	711.0	711.0	0	711.0	9000.0	7136.0	0	16136.0	0	16136.0	665.5	601.8	0	1267.3	3600.4	179.6	0	3780.1	4265.9	781.4	0	5047.3
1048	TE	TE-34	Jalgaon	711.0	711.0	0	711.0	7019.0	0.0	0	7019.0	440	7019.0	418.8	0	0	418.8	1538.2	0.0	0	1538.2	1957.0	0	0	1957.0
1049	TE	TE-35	Jalgaon	669.7	669.7	0	669.7	1474.0	9524.0	0	10998.0	579	11577.0	97.2	791.6	0	888.8	369.2	342.8	0	712.0	466.4	1134.5	0	1600.8
1050	TE	TE-36	Jalgaon	718.0	718.0	0	718.0	2885.0	10687.0	0	13572.0	0	13572.0	192.8	857.3	0	1050.1	596.5	367.3	0	963.9	789.3	1224.7	0	2014.0
1051	TE	TE-36 B	Aurangabad	705.0	705.0	0	705.0	0	2011.0	0	2011.0	838	2849.0	0	117.0	0	117.0	0	44.3	0	44.3	0	161.3	0	161.3
1052	TE	TE-37 A	Jalgaon	673.2	673.2	0	673.2	1576.0	11984.0	0	13560.0	1850	15410.4	94.0	1005.0	0	1099.1	446.9	450.3	0	897.2	540.9	1455.3	0	1996.3
1053	TE	TE-37 B	Aurangabad	803.0	803.0	0	803.0	1914.0	11921.0	0	13835.0	6917	20752.0	186.9	795.1	0	981.9	146.2	216.6	0	362.8	333.0	1011.7	0	1344.7
1054	TE	TE-38	Jalgaon	621.5	621.5	0	621.5	10370.0	3020.0	0	13390.0	0	13390.0	765.8	223.0	0	988.9	705.0	17.6	0	722.6	1470.8	240.7	0	1711.5
1055	TE	TE-39	Jalgaon	0	804.6	0	804.6	0	9091.0	0	9091.0	0	9091.0	0	928.3	0	928.3	0.2	129.8	0	130.0	0.2	1058.1	0	1058.3
1056	TE	TE-4	Jalgaon	655.5	655.5	0	655.5	580.0	27043.0	0	27623.0	32	27655.0	38.6	2254.7	0	2293.3	90.1	828.2	0	918.3	128.7	3082.9	0	3211.6
1057	TE	TE-4	Amravati	0	1337.0	0	1337.0	0	3750.0	0	3750.0	8990	12740.0	0	229.2	0	229.2	0	49.5	0	49.5	0	278.7	0	278.7
1058	TE	TE-4	Jalgaon	655.5	655.5	0	655.5	364.0	10566.0	0	10930.0	0	10930.0	20.2	880.9	0	901.2	88.5	182.2	0	270.7	108.7	1063.1	0	1171.8
1059	TE	TE-40	Jalgaon	684.1	684.1	0	684.1	11937.0	12772.0	0	24709.0	0	24709.0	1042.7	1115.6	0	2158.3	2554.9	196.9	0	2751.9	3597.6	1312.5	0	4910.1
1060	TE	TE-41	Jalgaon	665.4	665.4	0	665.4	1398.0	23984.0	0	25382.0	0	25382.0	103.6	2132.7	0	2236.3	295.4	562.7	0	858.1	399.0	2695.4	0	3094.4
1061	TE	TE-42	Jalgaon	672.3	672.3	0	672.3	1294.0	19202.0	0	20496.0	1079	21574.6	111.1	1098.9	0	1210.0	312.8	797.8	0	1110.6	423.9	1896.7	0	2320.6
1062	TE	TE-43	Jalgaon	672.3	672.3	0	672.3	3007.0	14522.0	0	17529.0	1119	18648.0	235.4	922.5	0	1157.9	576.0	312.0	0	888.1	811.5	1234.5	0	2046.0
1063	TE	TE-44	Jalgaon	540.0	540.0	0	540.0	5901.0	11849.0	0	17750.0	1649	19399.0	362.9	549.6	0	912.5	249.9	559.4	0	809.3	612.7	1109.0	0	1721.7
1064	TE	TE-44 B	Dhule	651.0	651.0	0	651.0	0	5506.0	0	5506.0	971	6477.0	0	321.2	0	321.2	0	104.5	0	104.5	0	425.7	0	425.7
1065	TE	TE-45	Jalgaon	669.7	669.7	0	669.7	9428.0	18378.0	0	27806.0														

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Hilly Area	Total	Ground Water Recharge (ham)											
				C	NC	PQ	Total	Recharge Worthy Area (ha)						Rainfall Recharge				Recharge from other sorces				Total			
								C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1111	TE	TE-75	Dhule	853.0	853.0	0	853.0	4220.0	8860.0	0	13080.0	480	13560.0	367.0	770.5	0	1137.5	1637.2	220.7	0	1857.9	2004.2	991.2	0	2995.4
1112	TE	TE-76	Dhule	601.0	601.0	0	601.0	0	11350.0	0	11350.0	10	11360.0	0	824.7	0	824.7	0	85.2	0	85.2	0	909.9	0	909.9
1113	TE	TE-77	Dhule	651.0	651.0	0	651.0	0	14320.0	0	14320.0	1298	15618.0	0	1253.0	0	1253.0	0	465.5	0	465.5	0	1718.5	0	1718.5
1114	TE	TE-78 A	Dhule	651.0	651.0	0	651.0	1125.0	9090.0	0	10215.0	934	11149.0	82.0	795.4	0	877.4	735.4	207.7	0	943.2	817.5	1003.1	0	1820.6
1115	TE	TE-78 B	Nashik	0	627.8	0	627.8	0	4096.0	0	4096.0	1024	5120.0	0	317.7	0	317.7	0	52.5	0	52.5	0	370.1	0	370.1
1116	TE	TE-79	Nashik	597.7	597.7	0	597.7	3833.0	18853.0	0	22686.0	5721	28407.0	282.9	1312.4	0	1595.3	318.4	585.0	0	903.4	601.3	1897.4	0	2498.7
1117	TE	TE-79 A	Dhule	651.0	651.0	0	651.0	0	2150.0	0	2150.0	857	3007.0	0	188.1	0	188.1	0	131.5	0	131.5	0	319.7	0	319.7
1118	TE	TE-8	Jalgaon	0	655.5	0	655.5	0	10127.0	0	10127.0	0	10127.0	0	844.3	0	844.3	0.7	223.8	0	224.5	0.7	1068.2	0	1068.8
1119	TE	TE-8	Jalgaon	655.5	655.5	0	655.5	496.0	18204.0	0	18700.0	41.4	18700.0	41.4	1517.7	0	1559.1	145.5	498.9	0	644.4	186.9	2016.6	0	2203.5
1120	TE	TE-80	Nashik	597.7	597.7	0	597.7	1051.0	9661.0	0	10712.0	1124	11736.0	65.3	435.2	0	500.6	174.9	334.9	0	509.7	240.2	770.1	0	1010.3
1121	TE	TE-81	Nashik	597.7	597.7	0	597.7	3033.0	15376.0	0	18409.0	2002	20411.0	203.4	1134.9	0	1338.3	501.5	403.8	0	905.3	705.0	1538.7	0	2243.6
1122	TE	TE-82	Nashik	0	692.2	0	692.2	0	9497.0	0	9497.0	1119	10616.0	0	602.3	0	602.3	1.2	119.3	0	120.5	1.2	721.6	0	722.8
1123	TE	TE-83	Nashik	578.5	578.5	0	578.5	1112.0	19030.0	0	20142.0	1060	21202.0	66.9	1354.2	0	1421.2	41.1	195.9	0	237.0	108.0	1550.2	0	1658.2
1124	TE	TE-84	Nandurbar	712.0	712.0	0	712.0	470.0	26676.0	0	27146.0	903	28049.0	37.5	2554.3	0	2591.8	407.3	371.9	0	779.3	444.8	2926.2	0	3371.1
1125	TE	TE-85	Nandurbar	0	712.0	0	712.0	0	17628.0	0	17628.0	1412	19040.0	0	1494.8	0	1494.8	53.7	208.0	0	261.6	53.7	1702.7	0	1756.4
1126	TE	TE-86 A	Nandurbar	712.0	712.0	0	712.0	436.0	11551.0	0	11987.0	134	12121.0	41.8	737.4	0	779.1	12.5	172.2	0	184.7	54.2	909.6	0	963.8
1127	TE	TE-86 B	Dhule	853.0	853.0	0	853.0	0	7911.0	0	7911.0	589	8500.0	0	756.8	0	756.8	0	128.3	0	128.3	0	885.0	0	885.0
1128	TE	TE-87	Dhule	601.0	601.0	0	601.0	0	12740.0	0	12740.0	10	12750.0	0	1047.2	0	1047.2	0	301.3	0	301.3	0	1348.5	0	1348.5
1129	TE	TE-88	Dhule	601.0	601.0	0	601.0	0	21044.0	0	21044.0	3713	24757.0	0	1153.2	0	1153.2	0	682.8	0	682.8	0	1836.0	0	1836.0
1130	TE	TE-89	Dhule	539.0	539.0	0	539.0	754.0	16788.0	0	17542.0	1710	19252.0	37.8	1019.5	0	1057.2	206.1	592.4	0	798.5	243.8	1611.9	0	1855.7
1131	TE	TE-9	Jalgaon	823.4	823.4	0	823.4	245.0	8248.0	0	8493.0	106	8598.8	17.0	671.1	0	688.1	8.1	111.7	0	119.8	25.1	782.8	0	808.0
1132	TE	TE-9	Jalgaon	823.4	823.4	0	823.4	383.0	7568.0	0	7951.0	0	7951.0	26.6	788.2	0	814.8	29.3	124.0	0	153.3	55.9	912.3	0	968.1
1133	TE	TE-90 A	Dhule	651.0	651.0	0	651.0	4491.0	6412.0	0	10903.0	573	11476.0	302.3	431.6	0	733.9	116.5	205.8	0	322.3	418.8	637.4	0	1056.1
1134	TE	TE-91	Nashik	588.9	588.9	0	588.9	1180.0	11174.0	0	12354.0	751	13105.0	85.4	809.1	0	894.5	323.5	244.5	0	568.0	409.0	1053.6	0	1462.5
1135	TE	TE-92	Nashik	0	567.7	0	567.7	0	21569.0	0	21569.0	1186	22755.0	0	1511.3	0	1511.3	0	416.0	0	416.0	0	1927.3	0	1927.3
1136	TE	TE-93	Nashik	597.7	597.7	0	597.7	3344.0	14471.0	0	17815.0	1051	18866.0	168.9	1068.1	0	1237.0	1010.9	527.0	0	1537.9	1179.8	1595.1	0	2775.0
1137	TE	TE-94	Nashik	0	692.2	0	692.2	0	6236.0	0	6236.0	1559	7795.0	0	495.5	0	495.5	0	80.5	0	80.5	0	576.1	0	576.1
1138	TE	TE-95	Nashik	0	692.2	0	692.2	0	8500.0	0	8500.0	1014	9514.0	0	728.0	0	728.0	0	174.2	0	174.2	0	902.2	0	902.2
1139	TE	TE-96	Nashik	710.1	710.1	0	710.1	168.0	34838.0	0	35006.0	1689	36695.0	12.4	3068.7	0	3081.2	49.1	1152.5	0	1201.7	61.6	4221.3	0	4282.8
1140	TE	TE-98	Nandurbar	712.0	712.0	0	712.0	4096.0	23707.0	0	27803.0	362.0	28365.0	362.0	2095.4	0	2457.4	97.6	496.8	0	594.4	459.7	2592.2	0	3051.9
1141	TE	TE-99	Dhule	601.0	601.0	0	601.0	203.0	36677.0	0	36880.0	10	36890.0	13.9	3014.7	0	3028.6	186.6	677.4	0	864.0	200.5	3892.1	0	3892.6
1142	TEG	TEG-1	Amravati	1337.0	1337.0	0	1337.0	667.0	9958.0	0	10625.0	10071	20696.0	51.0	608.6	0	659.6	110.9	158.3	0	269.2	161.9	766.8	0	928.7
1143	TEG	TEG-2	Amravati	1337.0	1337.0	0	1337.0	1295.0	7455.0	0	8750.0	9004	17754.0	80.1	455.6	0	535.7	182.6	118.7	0	301.3	262.8	574.3	0	837.0
1144	TEG	TEG-3	Amravati	0	1597.0	0	1597.0	0	137.0	0	137.0	21769	21906.0	0	10.1	0	10.1	0	6.1	0	6.1	0	16.3	0	16.3
1145	TEGD	TEGD-1	Amravati	0	1467.0	0	1467.0	0	375.0	0	375.0	16687	17062.0	0	38.0	0	38.0	0	16.1	0	16.1	0	54.1	0	54.1
1146	TEK	TEK-0	Amravati	0	1223.0	0	1223.0	0	1250.0	0	1250.0	24460	25710.0	0	68.6	0	68.6	0	95.3	0	95.3	0	163.9	0	163.9
1147	TEKA	TEKA-1	Amravati	0	1467.0	0	1467.0	0	517.0	0	517.0	9247	9764.0	0	34.9	0	34.9	0	1.7	0	1.7	0	36.6	0	36.6
1148	TEKA	TEKA-2	Amravati	0	1467.0	0	1467.0	0	1875.0	0	1875.0	16835	18710.0	0	126.5	0	126.5	0	20.0	0	20.0	0	146.5	0	146.5
1149	TES	TES-1	Amravati	1337.0	1337.0	0	1337.0	264.0	5673.0	0	5937.0	11467	17404.0	24.2	433.4	0	457.6	33.4	77.1	0	110.6	57.6	510.5	0	568.1
1150	TES	TES-2	Amravati	0	1337.0	0	1337.0	0	1625.0	0	1625.0	6533	8158.0	0	149.0	0	149.0	0	56.5	0	56.5	0	205.4	0	205.4
1151	TES	TES-3	Amravati	0	1337.0	0	1337.0	0	375.0	0	375.0	21629	22004.0	0	24.6	0	24.6	0	8.8	0	8.8	0	33.4	0	33.4
1152	TES	TES-4	Amravati	0	1597.0	0	1597.0	0	731.0	0	731.0	17505	18236.0	0	67.5	0	67.5	0	11.						

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)			Total Geographical Area (ha)					Ground Water Recharge (ham)													
				C	NC	PQ	Total	Recharge Worthy Area (ha)			Hilly Area	Total	Rainfall Recharge				Recharge from other sorces				Total				
				C	NC	PQ	Total	C	NC	PQ			Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1197	WF	WF-39	Raigad	3219.8	0.0	0	105.7	336.0	9899.0	0	10235.0	10990	21225.0	31.8	0	0	31.8	255.9	16.8	0	272.7	287.7	16.8	0	304.5
1198	WF	WF-4	Nashik	0	2408.8	0	2408.8	0	7679.0	0	7679.0	2605	10284.0	0	1667.8	0	1667.8	14.8	51.1	0	65.9	14.8	1718.9	0	1733.6
1199	WF	WF-40	Raigad	0	3223.2	0	3194.9	274.0	30927.0	0	31201.0	13359	44560.0	0	2338.1	0	2338.1	83.6	115.0	0	198.6	83.6	2453.1	0	2536.7
1200	WF	WF-41	Pune	1118.5	1118.5	1118.5	1118.5	0	4425.8	0	4425.8	6764	11190.0	0	569.1	0	569.1	0	9.1	0	9.1	0	578.2	0	578.2
1201	WF	WF-41	Raigad	3219.8	3219.8	0	3219.8	2142.0	23602.0	0	25744.0	16832	4784.3	161.9	1784.3	0	1946.3	401.4	27.4	0	428.8	563.3	1811.8	0	2375.1
1202	WF	WF-42	Raigad	0	3075.9	0	3075.9	0	15150.0	0	15150.0	9447	24597.0	0	2127.1	0	2127.1	0	24.1	0	24.1	0	2151.2	0	2151.2
1203	WF	WF-43	Raigad	3074.3	3074.3	0	3074.3	868.0	34536.0	0	35404.0	27656	63060.0	121.9	4848.9	0	4970.7	172.8	65.2	0	238.0	294.7	4914.0	0	5208.7
1204	WF	WF-44	Raigad	0	3072.8	0	3023.3	226.0	13816.0	0	14042.0	9820	23862.0	0	1939.8	0	1939.8	24.2	13.6	0	37.8	24.2	1953.4	0	1977.5
1205	WF	WF-45	Pune	1484.1	1484.1	1484.1	1484.1	0	489.0	0	489.0	716	1205.0	0	84.2	0	84.2	0	6.1	0	6.1	0	90.3	0	90.3
1206	WF	WF-45	Raigad	0	3038.9	0	2959.6	1130.0	42184.0	0	43314.0	49822	93136.0	0	3189.1	0	3189.1	140.4	91.2	0	231.6	140.4	3280.3	0	3420.7
1207	WF	WF-46	Raigad	0	2823.8	0	2823.8	0	15895.0	0	15895.0	10766	26661.0	0	2100.6	0	2100.6	46.5	233.7	0	280.3	46.5	2334.3	0	2380.9
1208	WF	WF-47	Pune	1484.1	1484.1	1484.1	1484.1	0	1732.2	0	1732.2	5359	7091.0	0	298.3	0	298.3	0	3.7	0	3.7	0	302.0	0	302.0
1209	WF	WF-47	Raigad	3040.8	3040.8	0	3040.8	3323.0	49792.0	0	53115.0	16762	69877.0	251.2	3764.3	0	4015.5	2671.8	78.3	0	2750.1	2923.1	3842.6	0	6765.6
1210	WF	WF-48	Raigad	3063.5	3063.5	0	3063.5	469.0	31334.0	0	31803.0	50318	82121.0	44.3	2368.9	0	2413.2	137.9	247.4	0	385.4	182.3	2616.3	0	2798.5
1211	WF	WF-49	Raigad	3296.5	3296.5	0	3296.5	5583.0	40284.0	0	45867.0	22975	68842.0	422.1	3045.5	0	3467.5	29.0	24.3	0	53.4	451.1	3069.8	0	3520.9
1212	WF	WF-5	Nashik	2410.1	2410.1	0	2410.1	340.0	15825.0	0	16165.0	5440	21605.0	92.3	3436.7	0	3529.0	26.6	69.9	0	334.4	356.9	3506.6	0	3863.5
1213	WF	WF-50	Raigad	3083.4	3083.4	0	3083.4	298.0	14478.0	0	14776.0	15909	30685.0	22.5	1094.5	0	1117.1	236.8	117.2	0	353.9	259.3	1211.7	0	1471.0
1214	WF	WF-51	Raigad	3659.4	3659.4	0	3659.4	377.0	7746.0	0	8123.0	19196	27319.0	35.6	585.6	0	621.2	19.5	9.5	0	29.0	55.1	595.1	0	650.2
1215	WF	WF-51	Pune	2722.8	2722.8	2722.8	2722.8	0	2698.2	0	2698.2	4047	6745.0	0	848.6	0	848.6	0	8.3	0	8.3	0	857.0	0	857.0
1216	WF	WF-52	Raigad	3659.4	3659.4	0	3659.4	110.0	9197.0	0	9307.0	16259	25566.0	8.3	695.3	0	703.6	67.3	19.8	0	87.1	75.6	715.1	0	790.7
1217	WF	WF-53	Raigad	3713.2	3713.2	0	3713.2	158.0	16714.0	0	16872.0	45145	62017.0	11.9	1263.6	0	1275.5	29.3	12.2	0	41.4	41.2	1275.7	0	1316.9
1218	WF	WF-54	Ratnagiri	0	3911.6	0	3911.6	0	13300.0	0	13300.0	6692	19992.0	0	1005.5	0	1005.5	0	31.3	0	31.3	0	1036.8	0	1036.8
1219	WF	WF-54	Raigad	0	3659.4	0	3659.4	0	1751.0	0	1751.0	1554	3305.0	0	245.8	0	245.8	0	5.0	0	5.0	0	250.9	0	250.9
1220	WF	WF-55	Ratnagiri	0	3911.6	0	3911.6	0	16600.0	0	16600.0	10728	27328.0	0	1255.0	0	1255.0	0	63.4	0	63.4	0	1318.4	0	1318.4
1221	WF	WF-56	Ratnagiri	3383.4	3383.4	0	3383.4	404.0	16315.0	0	16719.0	21668	38387.0	30.5	1233.4	0	1264.0	119.3	99.2	0	218.5	149.8	1332.6	0	1482.4
1222	WF	WF-57	Ratnagiri	3535.0	3535.0	0	3535.0	364.0	20189.0	0	20533.0	11222	31775.0	27.5	1526.3	0	1553.8	9.6	56.4	0	66.0	37.1	1582.7	0	1619.8
1223	WF	WF-58	Ratnagiri	3535.0	3535.0	0	3535.0	2050.0	34073.0	0	36123.0	11186	47309.0	155.0	2575.9	0	2730.9	42.9	43.1	0	86.0	197.9	2619.0	0	2816.9
1224	WF	WF-59	Ratnagiri	0	3383.4	0	3383.4	0	21573.0	0	21573.0	19131	40704.0	0	1630.9	0	1630.9	0.4	99.9	0	100.4	0.4	1730.8	0	1731.3
1225	WF	WF-6	Nashik	2411.4	2411.4	0	2411.4	480.0	20778.0	0	21258.0	6809	28067.0	104.2	4512.1	0	4616.4	399.5	200.3	0	599.8	503.7	4712.4	0	5216.1
1226	WF	WF-60	Ratnagiri	0	2656.3	0	2656.3	0	26319.0	0	26319.0	9741	36060.0	0	1644.4	0	1644.4	0	149.2	0	149.2	0	1793.6	0	1793.6
1227	WF	WF-61	Ratnagiri	3665.6	3665.6	0	3665.6	824.0	48427.0	0	49251.0	20925	70176.0	62.3	3661.1	0	3723.4	224.6	45.5	0	270.1	286.9	3706.6	0	3993.5
1228	WF	WF-62	Ratnagiri	0	3665.6	0	3665.6	0	34288.0	0	34288.0	16554	50842.0	0	2592.2	0	2592.2	0	133.7	0	133.7	0	2725.8	0	2725.8
1229	WF	WF-63	Ratnagiri	0	2656.3	0	2656.3	0	21192.0	0	21192.0	7485	28677.0	0	1324.0	0	1324.0	0	138.5	0	138.5	0	1462.5	0	1462.5
1230	WF	WF-64	Ratnagiri	3665.6	3665.6	0	3665.6	404.0	22570.0	0	22974.0	9333	32307.0	30.5	1706.3	0	1736.8	30.3	30.7	0	61.1	60.9	1737.0	0	1797.9
1231	WF	WF-65	Ratnagiri	0	2767.2	0	2767.2	0	13665.0	0	13665.0	10740	24405.0	0	1298.4	0	1298.4	0	80.9	0	80.9	0	1379.3	0	1379.3
1232	WF	WF-66	Ratnagiri	0	2767.2	0	2767.2	0	15816.0	0	15816.0	10121	25937.0	0	1001.9	0	1001.9	0	144.7	0	144.7	0	1146.6	0	1146.6
1233	WF	WF-67	Ratnagiri	3856.5	3856.5	0	3856.5	227.0	18912.0	0	19139.0	25431	44570.0	17.2	1429.8	0	1446.9	14.6	57.3	0	71.9	31.8	1487.1	0	1518.9
1234	WF	WF-68	Ratnagiri	2767.2	2767.2	0	2767.2	220.0	29707.0	0	29927.0	27169	57096.0	17.4	1881.8	0	1899.2	53.4	84.8	0	138.2	70.8	1966.5	0	2037.4
1235	WF	WF-69	Ratnagiri	3856.5	3856.5	0	3856.5	184.0	36974.0	0	37158.0	14093	51251.0	13.9	2795.2	0	2809.1	7.6	38.8	0	46.4	21.5	2834.0	0	2855.5
1236	WF	WF-69 A	Ratnagiri	0	3856.5	0	3856.5	0	699.0	0	699.0	1631	2330.0	0	52.8	0	52.8	0	4.8	0	4.8	0	57.6	0	57.6
1237	WF	WF-7	Palghar	2436.9	2436.9	0	2436.9	1472.0	1																

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Ground Water Recharge (ham)														
				C	NC	PQ	Total	Recharge Worthy Area (ha)				Rainfall Recharge				Recharge from other sorces				Total						
								C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total			
1283	WGA	WGA-1	Nagpur	1274.3	1274.3	0	1274.3	3375.0	40814.0	0	3594.1	44189.0	4909	49098.0	313.9	3280.2	0	3594.1	267.8	609.7	0	877.4	581.7	3889.9	0	4471.5
1284	WGA	WGA-2	Chandrapur	0	1281.0	0	1281.0	0	33172.0	0	33172.0	335	33507.0	0	4878.8	0	4878.8	0	138.2	0	138.2	0	5016.9	0	5016.9	
1285	WGA	WGA-2	Nagpur	1274.3	1274.3	0	1274.3	3079.0	7124.0	0	10203.0	2550	12753.0	176.5	608.3	0	784.8	114.0	44.9	0	158.8	290.5	653.2	0	943.6	
1286	WGA	WGA-3	Nagpur	1274.3	1274.3	0	1274.3	138.0	3769.0	0	3907.0	1674	5581.0	9.9	216.1	0	225.9	115.6	61.4	0	177.1	125.5	277.5	0	403.0	
1287	WGA	WGA-3	Chandrapur	1281.0	1281.0	0	1281.0	1358.0	10089.0	0	11447.0	0	11447.0	103.4	989.2	0	1092.6	231.0	42.4	0	273.4	334.4	1031.7	0	1366.0	
1288	WGA	WGA-4	Chandrapur	0	1272.8	0	1272.8	0	21340.0	0	21340.0	5614	26954.0	0	2080.6	0	2080.6	0	57.7	0	57.7	0	2138.3	0	2138.3	
1289	WGA	WGA-4	Nagpur	1274.3	1274.3	0	1274.3	1303.0	8114.0	0	9417.0	4035	13452.0	106.3	791.8	0	898.1	50.0	81.7	0	131.7	156.2	873.6	0	1029.8	
1290	WGA	WGA-5	Chandrapur	0	1191.6	0	1191.6	0	22696.0	0	22696.0	0	22696.0	0	1560.6	0	1560.6	0	14.6	0	14.6	0	1563.1	0	1563.1	
1291	WGA	WGA-6	Chandrapur	0	1191.6	0	1191.6	0	15980.0	0	15980.0	0	15980.0	0	1091.7	0	1091.7	0	2.5	0	2.5	0	1094.2	0	1094.2	
1292	WGAM	WGAM-1	Chandrapur	1232.4	1232.4	0	1232.4	2431.0	2774.0	0	5205.0	0	5205.0	207.2	218.8	0	426.0	251.0	8.0	0	259.0	458.2	226.8	0	685.0	
1293	WGAM	WGAM-2	Chandrapur	0	1232.4	0	1232.4	0	6786.0	0	6786.0	357	7143.0	0	639.3	0	639.3	0	28.1	0	28.1	0	667.3	0	667.3	
1294	WGAM	WGAM-3	Chandrapur	0	1421.8	0	1421.8	0	12119.0	0	12119.0	4040	16159.0	0	1326.6	0	1326.6	0	68.2	0	68.2	0	1394.8	0	1394.8	
1295	WGAM	WGAM-4	Chandrapur	0	1421.8	0	1421.8	0	5254.0	0	5254.0	1943	7197.0	0	575.1	0	575.1	0	73.6	0	73.6	0	648.7	0	648.7	
1296	WGAM	WGAM-5	Chandrapur	1457.2	1457.2	0	1457.2	8427.0	12281.0	0	20708.0	0	20708.0	786.7	1146.4	0	1933.1	1946.0	141.7	0	2087.7	2732.7	1288.1	0	4020.8	
1297	WGAM	WGAM-6	Chandrapur	1421.8	1421.8	0	1421.8	5535.0	15219.0	0	20754.0	1857	22611.0	509.0	1665.9	0	2174.9	1140.7	34.9	0	1175.6	1649.7	1700.8	0	3350.5	
1298	WGAMA	WGAMA-0	Chandrapur	0	1421.8	0	1421.8	0	8029.0	0	8029.0	0	8029.0	0	878.9	0	878.9	0	9.0	0	9.0	0	887.9	0	887.9	
1299	WGAMB	WGAMB-0	Chandrapur	1457.2	1457.2	0	1457.2	8585.0	21285.0	0	29870.0	1497	31367.0	879.7	2384.4	0	3264.0	1267.6	150.3	0	1417.9	2147.2	2534.7	0	4681.9	
1300	WGAMG	WGAMG-0	Chandrapur	0	1280.5	0	1280.5	0	28133.0	0	28133.0	4964	33097.0	0	2754.2	0	2754.2	0	388.1	0	388.1	0	3142.2	0	3142.2	
1301	WGAMG	WGAMG-0	Chandrapur	0	1280.5	0	1280.5	0	10981.0	0	10981.0	0	10981.0	0	1586.8	0	1586.8	0	78.0	0	78.0	0	1664.8	0	1664.8	
1302	WGAMH	WGAMH-1	Chandrapur	0	1421.8	0	1421.8	0	4250.0	0	4250.0	11244	15494.0	0	465.2	0	465.2	0	51.3	0	51.3	0	516.5	0	516.5	
1303	WGAMH	WGAMH-2	Chandrapur	1421.8	1421.8	0	1421.8	2232.0	6711.0	0	8943.0	471	9414.0	229.4	734.6	0	963.9	606.5	28.1	0	634.6	835.8	762.7	0	1598.5	
1304	WGAMH	WGAMH-3	Chandrapur	0	1280.5	0	1280.5	0	9984.0	0	9984.0	4279	14263.0	0	488.7	0	488.7	0	107.0	0	107.0	0	595.7	0	595.7	
1305	WGAMJ	WGAMJ-0	Chandrapur	0	1457.2	0	1457.2	0	22362.0	0	22362.0	1000	23362.0	0	2505.0	0	2505.0	0	129.0	0	129.0	0	2634.0	0	2634.0	
1306	WGAMK	WGAMK-0	Chandrapur	0	1280.5	0	1280.5	0	11898.0	0	11898.0	4959	16857.0	0	582.4	0	582.4	0	148.4	0	148.4	0	730.8	0	730.8	
1307	WGAMN	WGAMN-0	Chandrapur	0	1280.5	0	1280.5	0	6907.0	0	6907.0	2910	9867.0	0	338.1	0	338.1	0	53.4	0	53.4	0	391.5	0	391.5	
1308	WGAMN	WGAMN-0	Chandrapur	0	1280.5	0	1280.5	0	5166.0	0	5166.0	2264	7280.0	0	33.6	0	33.6	0	253.6	0	253.6	0	302.0	0	302.0	
1309	WGAMP	WGAMP-0	Chandrapur	1232.4	1232.4	0	1232.4	2741.0	16643.0	0	19384.0	340	22804.0	254.1	1567.9	0	1822.0	177.2	126.8	0	304.0	431.3	1694.7	0	2126.0	
1310	WGB	WGB-0	Chandrapur	0	1457.2	0	1457.2	0	43517.0	0	43517.0	440	43857.0	0	4874.8	0	4874.8	0	524.3	0	524.3	0	5399.1	0	5399.1	
1311	WGB	WGB-0	Bhandara	0	1395.1	0	1395.1	0	1005.0	0	1005.0	0	80.3	0	80.3	0	80.3	0	5.9	0	5.9	0	86.2	0	86.2	
1312	WGB	WGB-1	Nagpur	1223.2	1223.2	0	1223.2	220.0	8292.0	0	8512.0	8512	17024.0	13.9	610.1	0	624.0	24.7	110.7	0	135.4	38.6	720.7	0	759.3	
1313	WGB	WGB-2	Nagpur	1223.2	1223.2	0	1223.2	1261.0	11169.0	0	12430.0	11430	23860.0	79.6	1016.2	0	1096.8	104.8	190.5	0	296.3	184.4	1206.7	0	1391.1	
1314	WGB	WGB-3	Nagpur	0	1223.2	0	1223.2	0	7973.0	0	7973.0	3399	11312.0	0	735.5	0	735.5	0	30.0	0	30.0	0	765.4	0	765.4	
1315	WGB	WGB-3	Bhandara	0	1377.3	0	1377.3	0	12732.0	0	12732.0	0	1006.7	0	1006.7	0	1006.7	0	176.9	0	176.9	0	1183.6	0	1183.6	
1316	WGB	WGB-4	Bhandara	1377.3	1377.3	0	1377.3	6344.0	8463.0	0	14807.0	775	15582.0	501.6	577.4	0	1079.0	362.0	171.3	0	533.2	863.6	748.7	0	1612.2	
1317	WGC	WGC-1	Bhandara	1557.1	1557.1	0	1557.1	2370.0	20443.0	0	22813.0	2331	25144.0	141.8	1832.5	0	1974.3	403.6	292.1	0	695.7	545.4	2124.6	0	2670.0	
1318	WGC	WGC-2 A	Gondia	1560.8	1560.8	0	1560.8	5219.0	5766.0	0	10985.0	1815	12800.0	511.9	576.0	0	1087.9	615.5	49.7	0	665.2	1127.4	625.6	0	1753.1	
1319	WGC	WGC-2 B	Bhandara	1557.1	1557.1	0	1557.1	9062.0	2642.0	0	11704.0	360	12064.0	812.3	266.2	0	1049.1	839.4	266.2	0	1105.6	1651.7	503.0	0	2154.7	
1320	WGC	WGC-3 A	Gondia	1537.4	1537.4	0	1537.4	8456.0	8232.0	0	16688.0	0	16688.0	689.3	838.8	0	1528.1	1104.7	103.8	0	1208.5	1794.0	942.6	0	2736.5	
1321	WGC	WGC-3 B	Bhandara	1557.9	1557.9	0	1557.9	650.0	4858.0	0	5508.0	0	5508.0	47.4	363.3	0	410.7	28.7	137.6	0	166.3	76.2	500.9	0	577.0	
1322	WGC	WGC-4	Bhandara	1557.1	1557.1	0	1557.1	1953.0	13494.0	0	15447.0	300	15747.0	175.1	984.7	0	1159.8	286.5	520.4	0	807.0	461.6	1505.2	0	1966.8	
1323	WGC	WGC-5	Bhandara	1557.1	1																					

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Ground Water Recharge (ham)													
								Recharge Worthy Area (ha)				Hilly Area	Total	Rainfall Recharge				Recharge from other sorces				Total			
				C	NC	PQ	Total	C	NC	PQ	Total			C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1369	WGKK	WGKK-2	Nagpur	1060.2	1060.2	0	1060.2	1366.0	13195.0	0	14561.0	0	14561.0	92.7	724.7	0	817.4	52.7	591.6	0	644.3	145.4	1316.3	0	1461.7
1370	WGKK	WGKK-3	Nagpur	1223.2	1223.2	0	1223.2	3582.4	10196.1	0	13778.5	0	13778.5	334.7	798.2	0	1132.9	243.4	180.3	0	423.8	578.1	978.5	0	1556.7
1371	WGKK	WGKK-1	Nagpur	1060.2	1060.2	0	1060.2	836.0	13078.0	0	13914.0	1545	15459.0	74.6	1442.0	0	1516.6	235.8	583.1	0	818.9	310.4	2025.1	0	2335.5
1372	WGKK	WGKK-2	Nagpur	1060.2	1060.2	0	1060.2	3695.2	28455.8	0	32151.0	3884	36035.0	455.5	3594.9	0	4050.4	190.5	1527.9	0	1718.4	646.0	5122.8	0	5768.8
1373	WGKN	WGKN-1	Nagpur	0	1146.3	0	1146.3	0	5940.9	0	5940.9	2418	8358.9	0	519.1	0	519.1	0	55.2	0	55.2	0	574.3	0	574.3
1374	WGKN	WGKN-2	Nagpur	1274.3	1274.3	0	1274.3	243.0	17318.0	0	17561.0	2218	19779.0	18.7	1449.6	0	1468.3	53.9	309.4	0	363.3	72.6	1759.0	0	1831.6
1375	WGKN	WGKN-3	Nagpur	1274.3	1274.3	0	1274.3	1620.0	13386.0	0	15006.0	1823	16829.0	138.3	1143.0	0	1281.3	87.8	157.2	0	245.0	226.1	1300.2	0	1526.3
1376	WGKN	WGKN-4	Nagpur	1146.3	0.0	0	1146.3	10349.7	0.0	0	10349.7	4627	14976.7	614.2	0	0	614.2	1371.9	2.2	0	1374.0	1986.0	2.2	0	1988.2
1377	WGKN	WGKN-5	Nagpur	1274.3	0.0	0	1274.3	11196.0	0.0	0	11196.0	0	11196.0	733.6	0	0	733.6	691.1	0.0	0	691.1	1424.7	0	0	1424.7
1378	WGKP	WGKP-1	Nagpur	0	1066.9	0	1066.9	0	1538.0	0	1538.0	13087	14625.0	0	95.2	0	95.2	0	21.7	0	21.7	0	116.8	0	116.8
1379	WGKP	WGKP-2	Nagpur	1066.9	0.0	0	1066.9	7091.0	0.0	0	7091.0	4727	11818.0	391.2	0	0	391.2	1059.1	0.0	0	1059.1	1450.3	0	0	1450.3
1380	WGKP	WGKP-3	Nagpur	1066.9	1066.9	0	1066.9	5030.0	5725.0	0	10755.0	4608	15363.0	409.4	390.9	0	800.3	539.1	28.6	0	567.8	948.5	419.6	0	1368.1
1381	WGKP	WGKP-4	Nagpur	0	1223.2	0	1223.2	0	2333.0	0	2333.0	9750	12083.0	0	147.3	0	147.3	0	8.6	0	8.6	0	155.9	0	155.9
1382	WGKS	WGKS-1	Gadchiroli	0	1459.8	0	1459.8	0	17432.9	0	17432.9	176	17609.0	0	2198.8	0	2198.8	0	411.6	0	411.6	0	2610.3	0	2610.3
1383	WGKS	WGKS-2	Gadchiroli	0	1322.3	0	1322.3	0	19024.8	0	19024.8	192	19217.0	0	2173.4	0	2173.4	0	416.5	0	416.5	0	2590.0	0	2590.0
1384	WGKS	WGKS-3	Gadchiroli	0	1408.3	0	1408.3	0	6668.4	0	6668.4	10003	16671.0	0	811.4	0	811.4	0	84.3	0	84.3	0	895.7	0	895.7
1385	WGKST	WGKST-0	Gadchiroli	0	1459.8	0	1459.8	0	7535.9	0	7535.9	76	7612.0	0	950.5	0	950.5	0	48.2	0	48.2	0	998.7	0	998.7
1386	WGKT	WGKT-0	Gadchiroli	0	1436.9	0	1436.9	0	3724.8	0	3724.8	21107	24832.0	0	410.6	0	410.6	0	69.1	0	69.1	0	479.7	0	479.7
1387	WGL	WGL-0	Chandrapur	1232.4	1232.4	0	1232.4	10321.0	2072.0	0	12393.0	0	12393.0	972.3	163.4	0	1135.7	389.7	27.9	0	417.5	1362.0	191.3	0	1553.3
1388	WGM	WGM-1	Nagpur	0	1274.3	0	1274.3	526.0	16697.0	0	17223.0	1443	18666.0	0	814.7	0	814.7	42.5	140.8	0	183.4	42.5	955.5	0	998.1
1389	WGM	WGM-2	Chandrapur	0	1280.5	0	1280.5	0	7763.0	0	7763.0	3328	11091.0	0	760.0	0	760.0	0	153.2	0	153.2	0	913.2	0	913.2
1390	WGM	WGM-2	Bhandara	1274.3	1274.3	0	1274.3	1266.0	23407.0	0	24673.0	6976	31649.0	51.6	1142.1	0	1193.7	213.8	286.8	0	500.7	265.5	1428.9	0	1694.4
1391	WGM	WGM-2	Bhandara	0	1395.1	0	1395.1	0	7322.0	0	7322.0	800	8122.0	0	585.1	0	585.1	0.4	297.6	0	298.0	0.4	882.7	0	883.1
1392	WGM	WGM-3	Nagpur	0	1274.3	0	1274.3	0	4942.0	0	4942.0	639	5581.0	0	403.1	0	403.1	0	73.7	0	73.7	0	476.8	0	476.8
1393	WGP	WGP-0	Gadchiroli	1004.5	1004.5	0	1004.5	3883.0	8295.0	0	12178.0	0	12178.0	310.3	599.9	0	910.2	275.5	99.3	0	374.8	585.8	699.2	0	1285.0
1394	WGP	WGP-1	Gadchiroli	0	1222.8	0	1222.8	0	16360.5	0	16360.5	5454	17228.0	0	1272.8	0	1272.8	0	222.9	0	222.9	0	1945.7	0	1945.7
1395	WGP	WGP-2	Gadchiroli	0	1467.6	0	1467.6	0	8532.0	0	8532.0	5688	14220.0	0	1081.9	0	1081.9	0	245.3	0	245.3	0	1327.2	0	1327.2
1396	WGPA	WGPA-0	Gadchiroli	0	1373.3	0	1373.3	0	26551.8	0	26551.8	268	26820.0	0	3122.5	0	3122.5	0	475.4	0	475.4	0	3597.9	0	3597.9
1397	WGPK	WGPK-0	Gadchiroli	0	1494.1	0	1494.1	0	3634.8	0	3634.8	12539	16174.0	0	469.2	0	469.2	0	51.0	0	51.0	0	520.2	0	520.2
1398	WGPM	WGPM-1	Gadchiroli	0	1222.8	0	1222.8	0	8500.2	0	8500.2	5667	14167.0	0	748.4	0	748.4	0	82.5	0	82.5	0	830.9	0	830.9
1399	WGPM	WGPM-2	Gadchiroli	0	1313.2	0	1313.2	0	10677.0	0	10677.0	10677	21364.0	0	1211.5	0	1211.5	0	95.2	0	95.2	0	1306.7	0	1306.7
1400	WGPM	WGPM-3	Gadchiroli	0	1445.0	0	1445.0	0	13021.2	0	13021.2	19532	32553.0	0	1354.7	0	1354.7	0	10.5	0	10.5	0	1365.3	0	1365.3
1401	WGPS	WGPS-0	Gadchiroli	1004.5	1004.5	0	1004.5	721.0	16849.0	0	17570.0	5830	23400.0	41.7	1218.6	0	1260.3	103.4	151.9	0	255.2	145.1	1370.5	0	1515.6
1402	WGS	WGS-1	Nagpur	1223.2	1223.2	0	1223.2	1567.0	13497.0	0	15064.0	8111	23175.0	98.9	852.2	0	951.1	93.4	165.8	0	259.3	192.4	1018.0	0	1210.4
1403	WGS	WGS-2	Nagpur	1223.2	1223.2	0	1223.2	4474.0	8978.0	0	13452.0	3737	17189.0	282.5	566.9	0	849.4	234.4	165.8	0	400.3	516.9	732.7	0	1249.6
1404	WGS	WGS-2	Bhandara	1376.3	0.0	0	1376.3	8910.0	0.0	0	8910.0	0	8910.0	473.2	0	0	473.2	698.1	26.9	0	725.1	1171.3	26.9	0	1198.2
1405	WGS	WGS-3	Bhandara	1376.3	0.0	0	1376.3	9324.0	0.0	0	9324.0	0	9324.0	677.2	0	0	677.2	618.4	9.6	0	628.0	1295.6	9.6	0	1305.2
1406	WGS	WGS-3	Nagpur	1223.2	0.0	0	1223.2	11112.0	0.0	0	11112.0	584	11696.0	701.6	0	0	701.6	1563.6	0.0	0	1563.6	2265.2	0	0	2265.2
1407	WGS	WGS-4	Bhandara	1376.3	1376.3	0	1376.3	1089.0	10716.0	0	11805.0	1000	12805.0	86.1	664.5	0	750.5	33.4	590.9	0	624.2	119.4	1255.3	0	1374.8
1408	WSSG	WSSG-0	Bhandara	1376.3	1376.3	0	1376.3	6357.0	14239.0	0	20596.0	0	20596.0	337.6	756.2	0	1093.7	684.4	381.4	0	1065.7	1022.0	1137.5	0	2159.5
1409	WGW	WGW-1	Gondia	1406.5	1406.5	0	1406.5	3405.9	6995.1	0	10401.0	0	10401.0	247.9	629.7	0	877.6	795.1	87.6	0	882.7	1043.0	717.3	0	1760.3

Dynamic Ground Water Resources of Maharashtra 2024

S.no	Basin	Watershed	District	Rainfall (mm)				Total Geographical Area (ha)				Ground Water Recharge (ham)				Recharge from other sorces				Total					
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total		
1455	WRB	WRB-10	Amravati	0	797.0	0	797.0	0	15533.0	0	15533.0	460	15993.0	0	1287.5	0	1287.5	6.4	258.1	0	264.5	6.4	1545.6	0	1552.0
1456	WRB	WRB-11	Amravati	0	769.0	0	769.0	0	10418.0	0	10418.0	460	10878.0	0	991.7	0	991.7	0	214.9	0	214.9	0	1206.6	0	1206.6
1457	WRB	WRB-17	Amravati	0	769.0	0	769.0	0	1235.0	0	1235.0	0	1235.0	0	87.3	0	87.3	0	17.5	0	17.5	0	104.8	0	104.8
1458	WRB	WRB-2	Washim	836.0	836.0	0	836.0	320.9	12072.1	0	12393.0	0	12393.0	23.9	845.5	0	869.3	239.8	193.7	0	433.4	263.6	1039.1	0	1302.7
1459	WRB	WRB-2	Yavatmal	0	888.8	0	888.8	0	4657.1	0	4657.1	16	4673.6	0	275.4	0	275.4	0	66.0	0	66.0	0	341.5	0	341.5
1460	WRB	WRB-2	Amravati	0	769.0	0	769.0	0	2182.0	0	2182.0	159	2341.0	0	207.7	0	207.7	0	168.4	0	168.4	0	376.1	0	376.1
1461	WRB	WRB-3	Washim	836.0	836.0	0	836.0	750.0	28639.0	0	29389.0	0	29389.0	56.9	2005.7	0	2062.6	237.4	870.1	0	1107.5	294.3	2875.8	0	3170.1
1462	WRB	WRB-3	Yavatmal	0	933.2	0	933.2	0	10519.7	0	10519.7	764	11283.5	0	651.1	0	651.1	0	174.2	0	174.2	0	825.3	0	825.3
1463	WRB	WRB-4	Amravati	0	769.0	0	769.0	0	14063.0	0	14063.0	562	14625.0	0	1261.0	0	1261.0	1.4	337.6	0	339.1	1.4	1598.6	0	1600.1
1464	WRB	WRB-4	Washim	0	836.0	0	836.0	0	3743.0	0	3743.0	0	3743.0	0	349.3	0	349.3	0	52.8	0	52.8	0	402.1	0	402.1
1465	WRB	WRB-4	Yavatmal	0	1113.3	0	1113.3	0	17720.2	0	17720.2	156	17875.7	0	1914.7	0	1914.7	1.1	177.8	0	179.0	1.1	2092.5	0	2093.6
1466	WRB	WRB-5	Yavatmal	1113.3	1113.3	0	1113.3	2260.6	20981.5	0	23242.1	3916	27157.7	261.7	1987.6	0	2249.3	42.9	279.7	0	322.6	304.7	2267.3	0	2571.9
1467	WRB	WRB-5	Amravati	769.0	769.0	0	769.0	902.0	7347.0	0	8249.0	714	8963.0	62.8	475.8	0	538.6	197.4	141.0	0	338.4	260.2	618.6	0	877.0
1468	WRB	WRB-5	Washim	0	836.0	0	836.0	0	4396.0	0	4396.0	10	4406.0	0	460.0	0	460.0	0	106.5	0	106.5	0	566.5	0	566.5
1469	WRB	WRB-6	Amravati	0	769.0	0	769.0	0	2482.0	0	2482.0	299	2781.0	0	205.8	0	205.8	0	60.5	0	60.5	0	266.3	0	266.3
1470	WRB	WRB-6	Yavatmal	933.2	933.2	0	933.2	3334.1	6811.9	0	10145.9	1966	12112.2	264.0	711.4	0	975.4	120.4	88.5	0	208.9	384.3	799.9	0	1184.3
1471	WRBK	WRBK-1	Amravati	887.0	887.0	0	887.0	1638.0	21833.0	0	23471.0	4703	28174.0	151.1	1620.5	0	1771.6	246.6	357.0	0	603.6	397.7	1977.5	0	2375.2
1472	WRBK	WRBK-2	Amravati	783.0	783.0	0	783.0	165.0	21141.0	0	21306.0	2910	24216.0	13.4	2050.9	0	2064.3	41.1	365.7	0	406.9	54.6	2416.6	0	2471.2
1473	WRBM	WRBM	Yavatmal	888.8	888.8	0	888.8	1977.0	20471.5	0	22448.4	1568	24016.9	116.9	1210.7	0	1327.6	23.4	381.1	0	404.5	140.3	1591.8	0	1732.1
1474	WRC	WRC-1	Amravati	836.0	836.0	0	836.0	2387.0	34757.0	0	37144.0	10632	47776.0	208.3	2426.9	0	2635.3	842.1	1161.7	0	2003.9	1050.5	3588.6	0	4639.1
1475	WRD	WRD-0	Chandrapur	0	1163.1	0	1163.1	0	28282.0	0	28282.0	0	28282.0	0	2513.1	0	2513.1	0	169.0	0	169.0	0	2682.1	0	2682.1
1476	WRE	WRE-1	Chandrapur	0	1272.8	0	1272.8	0	23758.0	0	23758.0	0	23758.0	0	2331.5	0	2331.5	0	45.6	0	45.6	0	2377.0	0	2377.0
1477	WRE	WRE-2	Chandrapur	0	1272.8	0	1272.8	0	16291.0	0	16291.0	0	16291.0	0	794.2	0	794.2	0	117.8	0	117.8	0	911.9	0	911.9
1478	WRE	WRE-3	Chandrapur	0	1272.8	0	1272.8	0	13692.0	0	13692.0	721	14413.0	0	2002.4	0	2002.4	0	26.6	0	26.6	0	2029.0	0	2029.0
1479	WRE	WRE-4	Chandrapur	0	1191.6	0	1191.6	0	6728.0	0	6728.0	0	6728.0	0	306.4	0	306.4	0	32.4	0	32.4	0	338.8	0	338.8
1480	WREC	WREC-1	Chandrapur	1163.1	1163.1	0	1163.1	3085.0	22849.0	0	25934.0	6484	32418.0	185.2	2030.3	0	2215.5	472.1	192.3	0	664.5	657.3	2222.6	0	2879.9
1481	WREC	WREC-2	Chandrapur	1163.1	1163.1	0	1163.1	2531.0	22423.0	0	24954.0	0	24954.0	174.9	1992.5	0	2167.4	322.7	227.5	0	550.2	497.7	2220.0	0	2717.6
1482	WREK	WREK-0	Chandrapur	0	1191.6	0	1191.6	0	15369.0	0	15369.0	155	15524.0	0	700.0	0	700.0	0	44.3	0	44.3	0	744.3	0	744.3
1483	WRH	WRH-0	Chandrapur	0	1186.3	0	1186.3	0	34737.0	0	34737.0	0	34737.0	0	5070.1	0	5070.1	0	148.8	0	148.8	0	5216.8	0	5216.8
1484	WRJ	WRJ-1	Wardha	0	928.8	0	928.8	0	21954.0	0	21954.0	3474	25428.0	0	2534.3	0	2534.3	54.0	989.4	0	1043.4	54.0	3523.7	0	3577.7
1485	WRJ	WRJ-1	Nagpur	0	1004.1	0	1004.1	0	21253.0	0	21253.0	3921	25174.0	0	2639.2	0	2639.2	0	487.6	0	487.6	0	3126.8	0	3126.8
1486	WRJ	WRJ-2	Nagpur	1004.1	1004.1	0	1004.1	1063.0	16150.0	0	17213.0	4773	21986.0	127.1	1367.5	0	1494.6	351.0	551.0	0	901.9	478.1	1918.5	0	2396.5
1487	WRJ	WRJ-3	Nagpur	1004.1	1004.1	0	1004.1	712.0	8365.0	0	9077.0	1430	10507.0	74.4	1038.8	0	1113.1	661.1	286.2	0	947.3	735.5	2060.4	0	2060.4
1488	WRJ	WRJ-4	Wardha	0	964.7	0	964.7	0	2836.0	0	2836.0	357	3193.0	0	324.8	0	324.8	0	220.4	0	220.4	0	545.2	0	545.2
1489	WRJ	WRJ-4	Nagpur	1004.1	1004.1	0	1004.1	393.0	25161.0	0	25564.0	11950	37504.0	41.0	3124.5	0	3165.5	1207.2	1315.1	0	2522.3	1248.2	4439.6	0	5687.8
1490	WRK	WRK	Nagpur	0	1004.1	0	1004.1	0	12314.0	0	12314.0	6485	18799.0	0	1351.6	0	1351.6	0	334.9	0	334.9	0	1686.5	0	1686.5
1491	WRK	WRK-1	Wardha	964.7	964.7	0	964.7	4685.0	20174.0	0	24859.0	647	25506.0	376.5	2029.7	0	2406.1	418.0	950.0	0	1367.9	794.5	2979.6	0	3774.1
1492	WRK	WRK-2	Wardha	964.7	964.7	0	964.7	1144.0	10362.0	0	11506.0	0	11506.0	114.8	1156.2	0	1271.0	66.1	644.5	0	710.6	180.9	1800.7	0	1981.6
1493	WRN	WRN-1	Yavatmal	0	1080.0	0	1080.0	0	19248.6	0	19248.6	2948	22196.3	0	2381.0	0	2381.0	2.1	146.5	0	148.6	2.1	2527.5	0	2529.6
1494	WRN	WRN-2	Yavatmal	955.7	955.7	0	955.7	5325.0	34587.5	0	39912.5	2672	42584.5	338.2	2200.1	0	2538.4	161.3	299.5	0	460.8	499.6	2499.6	0	2999.2
1495	WRS	WRS-0	Chandrapur	0	1163.1	0	1163.1	0	33983.0	0	33983.0	0	33983.0	0	4529.5	0	4529.5	0	198.8	0	198.8	0	4728.2	0	4728.2
1496	WRV	WRV-1	Wardha	928.8	928.8	0	928.8	16212.0	7268.0	0	23480.0	5836	29316.0	1260.4	565.0	0	1825.4	1178.7	262.9	0	1441.6	2439.1	827.9	0	3267.0
1497	WRV	WRV-2	Ward																						

Assessment of Dynamic Ground Water Resources of Maharashtra watershed wise 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total									C
1	WF_1	Andhrei	Mumbai Sub	0.0	1501.9	0	1501.9	0.0	1426.8	0	1426.8		595.9		595.9		23.3		23.3		0.0		0			619.2		619.2	0	595.9	0	595.9	0	807.6	0	807.6		43.4		43.4		safe		safe
2	BM	BM-1	Osmanabad	729.0	3904.7	0	4633.7	656.1	3709.5	0	4365.5	12.6	87.3		99.9	0.0	0	0	377.6	1552.5		1930.2	390.2	1639.9		2030.1	12.6	87.4	0	99.9	265.9	2069.6	0	2335.5	59.5	44.2		46.5	safe	safe		safe		
3	BM	BM-1	Pune	0	1227.2	0	1227.2	0	1165.9	0	1165.9		48.0		48.0	0	0	0		952.3		952.3				1000.4	0	48.0	0	48.0	0	165.5	0	165.5		49.2		49.2		safe	safe		safe	
4	BM	BM-1	Ahmednagar	0	303.1	0	303.1	0	287.9	0	287.9		39.4		39.4	0	0	0		102.1		102.1				141.6	0	39.4	0	39.4	0	146.4	0	146.4		49.2		49.2		safe	safe		safe	
5	BM	BM-10	Osmanabad	82.4	1343.4	0	1425.8	78.3	1276.2	0	1354.5	6.3	43.1		49.4	0.0	0	0	46.4	671.1		717.5	52.6	714.2		766.9	6.3	43.1	0	49.4	25.7	562.0	0	587.7	67.2	56.0		56.6	safe	safe		safe		
6	BM	BM-10	Pune	0	1025.2	0	1025.2	0	973.9	0	973.9		45.7		45.7	0	0	0		225.0		225.0				270.7	0	45.7	0	45.7	0	703.3	0	703.3		27.8		27.8		safe	safe		safe	
7	BM	BM-100	Satara	297.4	2978.2	0	3275.6	267.3	2829.3	0	3096.9	18.1	83.8		101.9	0.0	0	0	107.2	1876.9		1984.0	125.3	1960.7		2085.9	18.1	83.8	0	101.9	142.4	868.7	0	1011.0	46.8	69.3		67.4	safe	safe		safe		
8	BM	BM-101	Satara	405.0	3986.6	0	4391.6	364.5	3787.3	0	4151.8		150.9		150.9	0	0	0		3032.3		3032.3				3183.1	0	150.9	0	150.9	364.5	604.1	0	968.7		84.0		76.7		semi_critical		semi_critical		
9	BM	BM-102	Satara	247.4	2607.4	0	2854.9	222.7	2477.1	0	2699.7		64.0		64.0	0	0	0		1812.9		1812.9				1876.9	0	64.0	0	64.0	222.7	600.2	0	822.9		75.8		69.5		semi_critical		safe		
10	BM	BM-103	Satara	0	1771.9	0	1771.9	0	1683.3	0	1683.3		56.6		56.6	0	0	0		1398.1		1398.1				1454.8	0	56.6	0	56.6	0	228.6	0	228.6		86.4		86.4		semi_critical		semi_critical		
11	BM	BM-103	Sangli	0	838.0	0	838.0	0	796.1	0	796.1		62.8		62.8	0	0	0		450.9		450.9				513.7	0	62.8	0	62.8	0	282.4	0	282.4		64.5		64.5		safe	safe		safe	
12	BM	BM-104	Satara	1080.3	1681.4	0	2761.7	972.3	1597.3	0	2569.6		117.2		117.2	0	0	0		1524.8		1524.8				1642.0	0	117.2	0	117.2	972.3	0.0	0	972.3		10.2		63.9		over_exploited		safe		
13	BM	BM-104	Sangli	760.1	2382.2	0	3142.3	684.1	2263.1	0	2947.1	57.3	52.3		109.6	0.0	0	0	335.2	938.5		1273.7	392.5	990.9		1383.3	57.3	52.3	0	109.6	291.6	1272.2	0	1563.8	57.4	43.8		46.9	safe	safe		safe		
14	BM	BM-105	Solapur	142.5	1478.0	0	1620.5	128.2	1404.1	0	1532.3		36.7		36.7	0	0	0		1158.5		1158.5				1195.2	0	36.7	0	36.7	128.2	208.9	0	337.1		85.1		78.0		semi_critical		semi_critical		
15	BM	BM-105	Sangli	0	300.9	0	300.9	0	285.9	0	285.9		7.3		7.3	0	0	0		228.7		228.7				236.0	0	7.3	0	7.3	0	49.8	0	49.8		82.6		82.6		semi_critical		semi_critical		
16	BM	BM-106	Solapur	0	2474.5	0	2474.5	0	2350.7	0	2350.7		81.8		81.8	0	0	0		1532.5		1532.5				1614.3	0	81.8	0	81.8	0	736.5	0	736.5		68.7		68.7		safe	safe		safe	
17	BM	BM-107	Solapur	1340.5	3398.8	0	4739.3	1206.4	3058.9	0	4265.3	48.0	104.0		151.9	0.0	0	0	1100.1	2331.4		3431.0	1148.0	2435.3		3583.3	48.0	104.0	0	151.9	58.4	623.6	0	682.0	95.2	79.6		84.0	critical	semi_critical		semi_critical		
18	BM	BM-108	Solapur	1801.5	1355.4	0	3156.9	1711.5	1287.6	0	2999.1	34.6	42.8		77.4	0.0	0	0	632.1	1061.2		1693.3	666.7	1104.0		1770.7	34.6	42.8	0	77.4	1044.8	183.6	0	1228.4	39.0	85.7		59.0	safe	semi_critical		safe		
19	BM	BM-109	Solapur	892.0	1401.7	0	2293.7	847.4	1331.6	0	2179.0	37.8	25.4		63.1	0.0	0	0	648.1	851.8		1499.9	685.9	877.1		1563.0	37.8	25.4	0	63.2	161.5	454.5	0	616.0	80.9	65.9		71.7	semi_critical	safe		semi_critical		
20	BM	BM-11	Osmanabad	206.7	2728.8	0	2935.5	196.4	2592.0	0	2788.8	13.0	71.1		84.1	0.0	0	0	89.3	1097.6		1187.0	102.3	1168.7		1271.0	13.0	71.1	0	84.1	94.0	1423.7	0	1517.7	52.1	45.1		45.6	safe	safe		safe		
21	BM	BM-11	Pune	225.3	1229.7	0	1455.0	214.1	1168.2	0	1382.3	31.0	51.3		82.3	0.0	0	0	206.7	720.0		926.7	237.7	771.3		1008.9	31.0	51.3	0	82.3	0	397.0	0	397.0	11.0	66.0		73.0	over_exploited	safe		semi_critical		
22	BM	BM-110	Solapur	446.7	1544.0	0	1990.6	402.0	1466.8	0	1868.8		76.1		76.1	0	0	0		1231.9		1231.9				1308.0	0	76.1	0	76.1	402.0	158.8	0	560.8		89.2		70.0		semi_critical		safe		
23	BM	BM-111	Solapur	0	1129.9	0	1129.9	0	1073.4	0	1073.4		30.9		30.9	0	0	0		1044.6		1044.6				1075.5	0	30.9	0	30.9	0	0.0	0	0.0		10.0		10.0		over_exploited		over_exploited		
24	BM	BM-112	Solapur	0	1636.2	0	1636.2	0	1554.4	0	1554.4		81.8		81.8	0	0	0		1292.0		1292.0				1373.8	0	81.8	0	81.8	0	180.6	0	180.6		88.4		88.4		semi_critical		semi_critical		
25	BM	BM-112	Sangli	65.2	71.2	0	136.5	62.0	67.7	0	129.6	1.9	3.5		5.4	0.0	0	0	30.2	37.4		67.6	32.0	41.0		73.0	1.9	3.5	0	5.4	29.9	26.7	0	56.6	51.7	60.5		56.3	safe	safe		safe		
26	BM	BM-113	Sangli	2599.1	680.6	0	3279.7	2469.1	646.6	0	3115.7	160.3	13.5		173.8	0.0	0	0	1774.6	227.1		2001.7	1934.9	240.6		2175.5	160.3	13.5	0	173.8	534.3	406.0	0	940.3	78.4	37.2		69.8	semi_critical	safe		safe		
27	BM	BM-114	Sangli	5090.4	821.1	0	5911.5	4835.9	738.9	0	5574.8	172.9	8.9		181.9	0.0	0	0	2222.3	167.9		2390.2	2395.2	176.8		2572.0	172.9	8.9	0	181.9	2440.7	562.1	0	3002.8	49.5	23.9		46.1	safe	safe		safe		
28	BM	BM-115	Solapur	0	1206.8	0	1206.8	0	1146.5	0	1146.5		41.6		41.6	0	0	0		954.3		954.3				995.9	0	41.6	0	41.6	0	150.6	0	150.6		86.9		86.9		semi_critical		semi_critical		
29	BM	BM-115	Sangli	456.8	375.2	0	832.0	433.9	356.5	0	790.4	15.6	12.1		27.7	0.0	0	0	338.2	232.0		570.2	353.9	244.1		597.9	15.6	12.1	0	27.7	80.1	112.4	0	192.5	81.5	68.5		75.6	semi_critical	safe		semi_critical		
30	BM	BM-116	Solapur	1448.3	2129.6	0	3577.9	1375.1	2023.0	0	3399.0	118.3	112.3		230.4	0.0	0	0	685.2	1300.5		1985.6	803.3	1412.8		2216.1	118.3	112.3	0	230.4	572.6	610.4	0	1182.9	58.8	69.8		65.2	safe	safe		safe		
31	BM	BM-116	Sangli	505.3	735.4	0	1240.7	480.0	698.7	0	1178.7	4.1	20.6		24.7	0.0	0	0	337.6	302.3		639.9	341.6	323.0		664.6	4.1	20.6	0	24.7	138.4	375.7	0	51										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total												
35	BM	BM-119	Sangli	1115.1	640.4	0	1755.6	1059.4	608.4	0	1667.8	15.5	80.7		96.2	0.0	0		0	368.5	451.4		819.9	384.0		532.1		916.1	15.5	80.7	0	96.2	675.4	76.4	0	751.7	36.2	87.4	54.9	safe	semi_critical		safe
36	BM	BM-119	Solapur	0	2336.8	0	2336.8	0	2220.0	0	2220.0		114.2		114.2		0		0		1892.0		1892.0			2006.2		2006.2	0	114.3	0	114.3	0	213.8	0	213.8		90.4	90.4		critical		critical
37	BM	BM-12	Pune	3261.1	1611.4	0	4872.5	3098.1	1450.3	0	4548.3	84.6	76.7		161.4	0.0	0		0	1785.5	1714.9		3500.4	1870.1		1791.7		3661.8	84.6	76.7	0	161.4	1228.0	0.0	0	1228.0	60.4	12.3	80.5	safe	over_exploited		semi_critical
38	BM	BM-120	Sangli	0	651.8	0	651.8	0	619.2	0	619.2		12.4		12.4		0		0		387.5		387.5			399.9		399.9	0	12.4	0	12.4	0	219.3	0	219.3		64.6	64.6		safe		safe
39	BM	BM-121	Sangli	986.6	2328.0	0	3314.5	937.2	2211.6	0	3148.8	28.0	43.8		71.8	0.0	0		0	629.3	1123.3		1752.6	657.3		1167.1		1824.4	28.0	43.8	0	71.8	279.9	1044.5	0	1324.4	70.1	52.8	57.9	semi_critical	safe		safe
40	BM	BM-122	Sangli	0	3738.8	0	3738.8	0	3551.8	0	3551.8		77.9		77.9		0		0		2606.7		2606.7			2684.7		2684.7	0	77.9	0	77.9	0	867.2	0	867.2		75.6	75.6		semi_critical		semi_critical
41	BM	BM-123	Sangli	91.1	4877.2	0	4968.3	82.0	4633.4	0	4715.4	18.0	81.8		99.9	0.0	0		0	27.4	2212.9		2240.3	45.5		2294.8		2340.2	18.1	81.8	0	99.9	36.5	2338.6	0	2375.1	55.4	49.5	49.6	safe	safe		safe
42	BM	BM-129	Solapur	61.7	1035.4	0	1097.0	55.5	983.6	0	1039.1		26.0		26.0		0		0		518.6		518.6			544.5		544.5	0	26.0	0	26.0	55.5	439.1	0	494.6		55.4	52.4		safe		safe
43	BM	BM-13	Pune	229.2	843.2	0	1072.4	217.7	801.0	0	1018.8		34.9		34.9		0		0		877.9		877.9			912.8		912.8	0	34.9	0	34.9	217.7	0.0	0	217.7		11.3	89.6		over_exploited		semi_critical
44	BM	BM-130	Solapur	0	206.6	0	206.6	0	196.3	0	196.3		6.4		6.4		0		0		138.9		138.9			145.3		145.3	0	6.4	0	6.4	0	50.9	0	50.9		74.1	74.1		semi_critical		semi_critical
45	BM	BM-131	Solapur	0	267.2	0	267.2	0	253.8	0	253.8		6.3		6.3		0		0		219.0		219.0			225.3		225.3	0	6.3	0	6.3	0	28.5	0	28.5		88.8	88.8		semi_critical		semi_critical
46	BM	BM-132	Solapur	0	110.1	0	110.1	0	99.1	0	99.1		16.6		16.6		0		0		91.3		91.3			107.9		107.9	0	16.6	0	16.6	0	0.0	0	0.0		10.8	10.8		over_exploited		over_exploited
47	BM	BM-133	Solapur	0	2090.5	0	2090.5	0	1986.0	0	1986.0		69.8		69.8		0		0		799.2		799.2			869.1		869.1	0	69.8	0	69.8	0	1116.9	0	1116.9		43.8	43.8		safe		safe
48	BM	BM-134	Solapur	0	1794.8	0	1794.8	0	1615.4	0	1615.4		69.4		69.4		0.4		0.4		728.3		728.3			798.1		798.1	0	69.4	0	69.4	0	817.3	0	817.3		49.4	49.4		safe		safe
49	BM	BM-135	Solapur	0	257.5	0	257.5	0	244.6	0	244.6		14.9		14.9		0		0		155.7		155.7			170.7		170.7	0	14.9	0	14.9	0	73.9	0	73.9		69.8	69.8		safe		safe
50	BM	BM-136	Solapur	0	1755.3	0	1755.3	0	1667.6	0	1667.6		64.4		64.4		0		0		941.8		941.8			1006.2		1006.2	0	64.4	0	64.4	0	661.4	0	661.4		60.3	60.3		safe		safe
51	BM	BM-137	Solapur	0	894.6	0	894.6	0	849.9	0	849.9		54.1		54.1		0		0		684.1		684.1			738.2		738.2	0	54.1	0	54.1	0	111.7	0	111.7		86.9	86.9		semi_critical		semi_critical
52	BM	BM-138	Solapur	0	4115.6	0	4115.6	0	3909.8	0	3909.8		130.4		130.4		0		0		1914.8		1914.8			2045.1		2045.1	0	130.4	0	130.4	0	1864.7	0	1864.7		52.3	52.3		safe		safe
53	BM	BM-139	Solapur	391.3	3799.3	0	4190.6	352.1	3609.3	0	3961.5		122.5		122.5		0		0		1707.0		1707.0			1829.6		1829.6	0	122.5	0	122.5	352.1	1779.8	0	2131.9		50.7	46.2		safe		safe
54	BM	BM-14	Ahmednagar	2172.3	861.2	0	3033.5	2063.7	818.1	0	2881.8	67.7	77.7		145.5	0.0	0		0	477.1	381.5		858.6	544.8		459.3		1004.1	67.7	77.8	0	145.5	1518.9	358.8	0	1877.7	26.4	56.1	34.8	safe	safe		safe
55	BM	BM-15	Ahmednagar	0	3347.5	0	3347.5	0	3180.1	0	3180.1		102.0		102.0		0		0		1630.1		1630.1			1732.2		1732.2	0	102.0	0	102.0	0	1448.0	0	1448.0		54.5	54.5		safe		safe
56	BM	BM-16	Ahmednagar	1833.4	550.8	0	2384.2	1741.7	523.2	0	2265.0	73.9	47.6		121.5	0.0	0		0	1141.8	255.0		1396.7	1215.7		302.6		1518.3	73.9	47.6	0	121.5	526.1	220.7	0	746.7	69.8	57.8	67.0	safe	safe		safe
57	BM	BM-17	Pune	659.2	2372.1	0	3031.3	593.3	2253.5	0	2846.8		78.1		78.1		0		0		1848.6		1848.6			1926.7		1926.7	0	78.1	0	78.1	593.3	326.8	0	920.1		85.5	67.7		semi_critical		safe
58	BM	BM-18	Pune	443.4	2311.4	0	2754.8	399.1	2195.9	0	2594.9	88.6	362.3		450.9	0.0	0		0	598.6	3106.5		3705.1	687.8		3468.8		4155.9	88.6	362.3	0	450.9	0	0.0	0	0.0	17.2	15.0	16.2	over_exploited	over_exploited		over_exploited
59	BM	BM-19	Pune	1178.3	1281.0	0	2459.3	1119.4	1217.0	0	2336.3	70.1	60.8		131.0	0.0	0		0	982.9	857.6		1840.5	1053.1		918.4		1971.5	70.1	60.8	0	131.0	66.3	298.6	0	364.9	94.1	75.5	84.4	critical	semi_critical		semi_critical
60	BM	BM-2	Osmanabad	26.5	1885.1	0	1911.6	25.2	1790.9	0	1816.0	9.9	63.2		73.1	0.0	0		0	15.0	990.4		1005.3	24.9		1053.5		1078.4	9.9	63.2	0	73.1	0.3	737.3	0	737.6	98.8	58.4	59.4	critical	safe		safe
61	BM	BM-2	Pune	724.7	894.8	0	1619.5	652.3	850.0	0	1502.3	24.6	58.2		82.8	0.0	0		0	456.0	389.5		845.5	480.7		447.7		928.3	24.6	58.2	0	82.8	171.6	402.4	0	574.0	73.7	52.7	61.8	semi_critical	safe		safe
62	BM	BM-20	Pune	1758.5	1182.6	0	2941.1	1582.7	1123.5	0	2706.2	52.0	93.0		145.0	0.0	0		0	1381.2	878.4		2259.6	1433.2		971.5		2404.6	52.0	93.1	0	145.0	149.5	152.1	0	301.6	90.6	86.5	88.9	critical	semi_critical		semi_critical
63	BM	BM-21	Pune	473.8	2342.8	0	2816.1	450.7	2225.0	0	2675.8	156.4	81.6		237.9	0.0	0		0	275.1	1394.9		1670.0	431.5		1476.5		1907.9	156.4	81.6	0	237.9	18.7	749.2	0	767.8	95.3	66.3	71.3	critical	safe		semi_critical
64	BM	BM-22	Pune	188.2	2334.4	0	2522.9	169.4	2217.5	0	2386.9		201.4		201.4		0		0		1450.2		1450.2			1651.6		1651.6	0	201.4	0	201.											

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																				
73	BM	BM-3	Osman abad	399.5	2006.2	0	2405.6	379.6	1905.9	0	2285.5	19.4	48.5		67.8	0.0	0		0	233.5	766.8		1000.4	252.9	815.3		1068.2	19.4	48.5	0	67.8	126.6	1090.7	0	1217.3	66.6	42.8	46.7	safe	safe		safe	
74	BM	BM-30	Ahmed nagar	291.7	1334.9	0	1626.5	277.1	1268.1	0	1545.2	11.1	35.3		46.4	0.0	0		0	349.7	806.6		1156.3	360.8	841.9		1202.7	11.1	35.3	0	46.4	0	426.2	0	426.2	13.0	66.4	77.8	over_ex ploited	safe		semi_cri tical	
75	BM	BM-31	Ahmed nagar	0	2018.2	0	2018.2	0	1917.3	0	1917.3		52.0		52.0	0	0		0	1253.7	1253.7		1253.7	1305.7		1305.7	0	52.0	0	52.0	0	611.6	0	611.6		68.1	68.1		safe		safe		
76	BM	BM-32	Ahmed nagar	0	2382.2	0	2382.2	0	2263.1	0	2263.1		33.6		33.6	0	0		0	1513.1	1513.1		1513.1	1546.7		1546.7	0	33.6	0	33.6	0	716.4	0	716.4		68.3	68.3		safe		safe		
77	BM	BM-33	Ahmed nagar	396.6	1636.4	52.7	2560.8	376.8	1554.5	501.0	2432.4	23.0	34.7	0.0	57.7	0.0	0	0	0	382.1	853.0	453.7	1688.7	405.1	887.7		453.7	23.0	34.7	0	57.7	0	666.8	47.4	666.8	10.7	57.1	90.5	66.9	over_ex ploited	safe	critical	safe
78	BM	BM-34	Pune	1772.7	0.0	0	1772.7	1684.1	0.0	0	1684.1	18.3			18.3	0.0			0	1451.9			1451.9	1470.2			18.3	0.0	0	18.3	213.9	0.0	0	213.9	87.3		87.3	critical	safe		semi_cri tical		
79	BM	BM-35	Pune	1927.3	828.5	0	2755.8	1830.9	787.1	0	2618.0	162.1	12.3		174.5	0.0	0	0	0	1594.1	381.5		1975.6	1756.2		393.8	162.1	12.3	0	174.5	74.7	393.3	0	467.9	95.9	50.0	82.1	critical	safe		semi_cri tical		
80	BM	BM-36	Pune	418.9	1671.3	0	2090.2	377.0	1587.7	0	1964.7		43.0		43.0	0	0		0	1420.4	1420.4		1420.4	1463.4		1463.4	0	43.0	0	43.0	377.0	124.3	0	501.3		92.2	74.5		critical		semi_cri tical		
81	BM	BM-37	Pune	224.4	1211.9	0	1436.3	202.0	1151.3	0	1353.2		41.4		41.4	0	0		0	436.1	436.1		436.1	477.5		477.5	0	41.4	0	41.4	202.0	673.8	0	875.7		41.5	35.3		safe		safe		
82	BM	BM-38	Pune	178.3	833.2	0	1011.5	169.4	791.5	0	960.9	10.6	33.4		44.0	0.0	0	0	0	16.0	53.5		69.5	26.6		86.8	10.6	33.4	0	44.0	142.8	704.7	0	847.5	15.7	11.0	11.8	safe	safe		safe		
83	BM	BM-39	Pune	0	1428.4	0	1428.4	0	1357.0	0	1357.0		138.9		138.9	0	0		0		282.0		282.0	420.9		420.9	0	138.9	0	138.9	0	936.1	0	936.1		31.0	31.0		safe		safe		
84	BM	BM-4	Pune	400.2	1647.7	0	2048.0	380.2	1565.4	0	1945.6	22.8	49.3		72.0	0.0	0	0	0	297.3	1507.1		1804.4	320.1		1556.4	22.8	49.3	0	72.0	60.1	9.0	0	69.1	84.2	99.4	96.4	semi_cri tical	critical		critical		
85	BM	BM-4 A	Osman abad	145.5	713.2	0	858.6	138.2	677.5	0	815.7	12.3	22.5		34.8	0.0	0	0	0	98.6	335.2		433.8	110.9		357.7	12.3	22.5	0	34.8	27.3	319.8	0	347.1	80.2	52.8	57.5	semi_cri tical	safe		safe		
86	BM	BM-40	Pune	0	1094.0	0	1094.0	0	1039.3	0	1039.3		47.0		47.0	0	0		0	115.6			115.6	162.6		162.6	0	47.0	0	47.0	0	876.7	0	876.7		15.6	15.6		safe		safe		
87	BM	BM-41	Pune	634.3	775.8	0	1410.0	602.5	737.0	0	1339.5	26.1	52.4		78.5	0.0	0	0	0	106.2	173.9		280.1	132.3		226.3	26.1	52.4	0	78.5	470.2	510.6	0	980.9	22.0	30.7	26.8	safe	safe		safe		
88	BM	BM-42	Pune	0	1146.0	0	1146.0	0	1088.7	0	1088.7		43.1		43.1	0	0		0	99.7			99.7	142.8		142.8	0	43.1	0	43.1	0	945.9	0	945.9		13.1	13.1		safe		safe		
89	BM	BM-43	Pune	867.9	1190.0	0	2058.6	781.0	1131.3	0	1912.3	17.4	95.6		113.1	0.0	0	0	0	144.4	101.5		246.0	161.8		197.2	17.4	95.6	0	113.1	619.1	934.2	0	1553.3	20.7	17.4	18.8	safe	safe		safe		
90	BM	BM-44	Pune	247.8	1054.6	0	1302.4	223.0	1001.8	0	1224.9		97.0		97.0	0	0		0	155.4			155.4	252.4		252.4	0	97.1	0	97.1	223.0	749.4	0	972.4		25.2	20.6		safe		safe		
91	BM	BM-45	Pune	194.9	1941.1	0	2136.0	175.4	1844.1	0	2019.4		630.4		630.4	0	0		0	471.0	471.0		471.0	1101.4		1101.4	0	630.4	0	630.4	175.4	742.7	0	918.0		59.7	54.5		safe		safe		
92	BM	BM-46	Pune	1418.7	2807.4	0	4226.1	1276.8	2667.0	0	3943.8		222.5		222.5	0	0		0	2015.1	2015.1		2237.6	2237.6		2237.6	0	222.5	0	222.5	1276.8	429.4	0	1706.2		83.9	56.7		semi_cri tical		safe		
93	BM	BM-47	Ahmed nagar	0	3179.7	0	3179.7	0	3020.7	0	3020.7		46.2		46.2	0	0		0	1967.5	1967.5		1967.5	2013.6		2013.6	0	46.2	0	46.2	0	1007.1	0	1007.1		66.7	66.7		safe		safe		
94	BM	BM-47	Solapur	0	412.2	0	412.2	0	391.6	0	391.6		15.0		15.0	0	0		0	212.5	212.5		212.5	227.5		227.5	0	15.0	0	15.0	0	164.1	0	164.1		58.1	58.1		safe		safe		
95	BM	BM-48	Pune	4408.0	99.2	44.7	4953.7	3967.2	94.2	401.9	39.6	7.8		75.6	122.9	0.0	0	0	0	2065.0	249.3	287.4	2601.8	2104.6		257.1	36.6	7.8	76	47.3	1862.6	0.0	38.9	1862.6	53.0	27.8	90.3	58.1	safe	over_ex ploited	critical	safe	
96	BM	BM-49	Pune	2515.3	1134.2	26.8	3911.8	2263.6	1077.0	249.0	3590.4	97.1	49.9		10.5	157.5	0.0	0	0	0	1886.2	890.1	138.9	2915.1	1983.2		940.1	149.4	49.9	11	147.0	280.6	137.6	99.6	418.1	87.6	87.2	60.0	semi_cri tical	semi_cri tical	safe	semi_cri tical	
97	BM	BM-5	Pune	643.1	600.8	0	1243.8	578.8	570.7	0	1149.5	31.4	15.5		46.9	0.0	0	0	0	295.0	670.1		965.1	326.4		685.6	31.4	15.5	0	46.9	252.4	0.0	0	252.4	56.4	12.0	88.0	safe	over_ex ploited		semi_cri tical		
98	BM	BM-5	Ahmed nagar	923.5	794.5	0	1718.0	877.3	754.8	0	1632.1	56.4	60.6		117.0	0.0	0	0	0	142.6	282.6		425.2	199.0		343.2	56.4	60.6	0	117.0	678.3	411.6	0	1089.9	22.5	45.5	33.2	safe	safe		safe		
99	BM	BM-5	Osman abad	104.5	1709.8	0	1814.2	99.3	1624.3	0	1723.5	14.3	36.3		50.6	0.0	0	0	0	73.7	794.0		867.7	88.0		830.3	14.3	36.3	0	50.6	11.2	793.9	0	805.2	88.7	51.1	53.3	semi_cri tical	safe		safe		
100	BM	BM-50	Pune	2664.7	764.5	31.6	3745.5	2531.5	688.0	300.1	3519.5	38.9	40.5	9.0	88.5	0.0	0	0	0	1482.9	843.0	225.1	2551.8	1521.8		883.5	38.9	40.5	9	79.5	1009.7	0.0	66.1	1009.7	60.1	12.8	78.0	74.7	safe	over_ex ploited	semi_cri tical	semi_cri tical	
101	BM	BM-51	Pune	1904.3	1329.7	0	3234.3	1809.2	1263.2	0	3072.0		155.0		36.8	0.0	0	0	0	1759.7	727.4		2487.2	1914.8		764.2	155.0	36.8	0	191.8	0	499.0	0	499.0	10.5	60.5	87.2	over_ex ploited	safe		semi_cri tical		
102	BM	BM-52	Pune	2071.81.																																							

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total						
111	BM	BM-6 A	Osmanabad	23.3	634.0	0	657.3	22.1	602.3	0	624.4	4.2	12.5		16.7	0.0	0	0	11.1	282.3		293.3	15.3	294.7		310.0	4.2	12.5	0	16.7	6.9	307.6	0	314.4	69.0	48.9	49.6		safe	safe		safe			
112	BM	BM-60	Pune	100.6	3255.9	0	3356.5	90.5	2930.3	0	3020.9		75.7		75.7	0	0	0		1766.4	1766.4		1766.4		1842.2		1842.2	0	75.7	0	75.7	90.5	1088.2	0	1178.7	42.3	62.9	61.0			safe		safe		
113	BM	BM-61	Pune	3125.5	1239.9	0	4365.2	2969.2	1178.0	0	4147.1	26.0	21.8		47.8	0.0	0	0	0	1231.0	1120.4		2351.5	1257.1	1142.2		2399.3	26.0	21.8	0	47.8	1712.1	35.7	0	1747.9	42.3	97.0	57.9			safe	critical		safe	
114	BM	BM-62	Solapur	11.7	1221.2	0	1232.9	10.5	1160.2	0	1170.7		44.5		44.5	0	0	0		953.1			953.1		997.6		997.6	0	44.5	0	44.5	10.5	162.6	0	173.1		86.0	85.2			semi_critical		semi_critical		
115	BM	BM-63	Solapur	16.9	2369.0	0	2385.9	15.2	2250.6	0	2265.8		48.5		48.5	0	0	0		1389.8	1389.8		1438.3		1438.3	0	48.5	0	48.5	15.2	812.2	0	827.4		63.9	63.5			safe		safe				
116	BM	BM-64	Solapur	9.8	1997.7	0	2007.5	8.9	1897.8	0	1906.6		45.2		45.2	0	0	0		772.9			772.9		818.0		818.0	0	45.2	0	45.2	8.9	1079.8	0	1088.6		43.1	42.9			safe		safe		
117	BM	BM-65	Solapur	10.7	1574.1	0	1584.8	9.6	1495.4	0	1505.1		52.3		52.3	0	0	0		779.4			779.4		831.8		831.8	0	52.3	0	52.3	9.6	663.7	0	673.3		55.6	55.3			safe		safe		
118	BM	BM-66	Pune	4787.5	115.8	0	4903.3	4308.7	110.0	0	4418.7	172.0	18.4		190.4	0.0	0	0	0	1323.3	118.6		1441.9	1495.4	137.0		1632.3	172.0	18.4	0	52.3	2813.4	0.0	0	2813.4	34.7	12.4	36.9			safe	over_exploited		safe	
119	BM	BM-67	Pune	4600.2	786.7	0	5386.9	4140.2	708.0	0	4848.2	219.8	0.3		220.0	0.0	0	0	0	1021.7	765.1		1786.8	1241.4	765.4		2006.8	219.8	0.3	0	220.0	2898.7	0.0	0	2898.7	30.0	80.1	41.4			safe	over_exploited		safe	
120	BM	BM-68	Pune	1750.3	868.8	0	2619.1	1575.3	781.9	0	2357.2	19.9	7.9		27.8	0.0	0	0	0	1287.1	624.5		1911.6	1307.1	632.4		1939.4	19.9	7.9	0	27.8	268.2	149.5	0	417.8	83.0	80.9	82.3			semi_critical		semi_critical		
121	BM	BM-69	Pune	1980.0	2433.3	13	4546.0	1782.0	2311.1	120.8	4213.8	57.3	39.2	5.4	101.9	0.0	0	0	0	3114.8	1573.3	104.5	4792.1	3172.5	1612.5	109.9	4894.5	57.3	39.2	5	96.5	0	699.3	10.1	699.3	17.8	69.8	91.6	11.6		over_exploited	safe	critical	over_exploited	
122	BM	BM-7	Osmanabad	258.5	4829.4	0	5087.9	245.6	4588.0	0	4833.5	11.3	68.8		80.1	0.0	0	0	0	207.8	2097.4		2305.2	219.2	2166.2		2385.3	11.3	68.8	0	80.1	26.5	2421.8	0	2448.3	89.2	47.2	49.3			semi_critical	safe		safe	
123	BM	BM-7	Pune	1572.1	1039.6	0	2611.7	1493.5	987.6	0	2481.1	6.4	66.1		72.5	0.0	0	0	0	729.0	1646.1		2375.1	735.4	1712.2		2447.6	6.4	66.1	0	72.5	758.1	0.0	0	758.1	49.2	17.3	98.7			safe	over_exploited		critical	
124	BM	BM-70	Pune	780.1	2145.3	0	2925.4	741.1	2038.0	0	2779.1	50.2	78.9		129.1	0.0	0	0	0	557.5	1487.8		2045.3	607.7	1566.7		2174.3	50.2	78.9	0	129.1	133.4	471.4	0	604.8	82.0	76.9	78.2			semi_critical		semi_critical		
125	BM	BM-71	Pune	8.9	878.0	0	886.9	8.0	834.1	0	842.1		96.4		96.4	0	0	0	0	105.9			105.9		202.4		202.4	0	96.5	0	96.5	8.0	631.8	0	639.7		24.3	24.0			safe		safe		
126	BM	BM-72	Pune	279.7	1517.4	0	1797.7	251.7	1365.7	0	1617.4	17.1	68.4		85.5	0.0	0	0	0	62.6	968.6		1031.2	79.7	1037.0		1116.7	17.1	68.4	0	85.5	172.1	328.7	0	500.7	31.7	75.9	69.0			safe		safe		
127	BM	BM-73	Pune	3716.5	1670.0	0	5386.4	3344.8	1503.0	0	4847.8	11.4	29.1		40.5	0.0	0	0	0	1626.2	1615.4		3241.6	1637.5	1644.5		3282.1	11.4	29.1	0	40.5	1707.2	0.0	0	1707.2	49.0	10.9	67.7			safe	over_exploited		safe	
128	BM	BM-74	Pune	1960.8	4769.5	51	6780.8	1764.7	4292.5	45.5	6102.7	24.2	44.9	4.4	73.5	0.0	0	0	0	438.2	1433.4	93.4	1964.2	462.2	1478.2	97.7	2038.1	24.2	44.9	4	69.1	1302.5	2814.4	0	4116.8	26.4	34.4	21.4	32.0			safe	safe	over_exploited	safe
129	BM	BM-75	Pune	7971.4	937.6	18	9094.8	7174.3	890.7	167.2	8232.2	74.4	38.8	5.2	118.4	0.0	0	0	0	4262.8	723.3	324.9	5311.0	4337.2	762.1	330.0	5429.0	74.4	38.8	5	113.2	2837.1	128.5	0	2965.6	60.6	85.6	19.4	63.2			safe	semi_critical	over_exploited	safe
130	BM	BM-76	Pune	8694.4	1787.3	32	1080.9	7824.9	311.7	9834.9	74.2	37.7	34.6	146.5	0.0	0	0	0	4931.3	2197.4	111.5	8243.4	5006.1	2234.9	114.9	8390.0	74.2	37.7	35	111.9	2818.9	0.0	0	2818.9	64.0	13.6	36.6	76.0			safe	over_exploited	over_exploited	semi_critical	
131	BM	BM-77	Pune	3119.0	824.5	11	4060.0	2807.1	742.1	104.8	3654.0	363.7	32.4	0.0	396.1	0.0	0	0	0	2618.3	1398.3	312.9	4329.7	2982.7	1430.7	312.9	4725.7	363.7	32.4	0	396.1	0	0.0	0	0.0	10.6	2.8	8.5			over_exploited	over_exploited	over_exploited		
132	BM	BM-78	Pune	3077.6	68.9	0	3146.5	2769.9	62.0	0	2831.9	245.4	6.1		251.5	0.0	0	0	0	1941.8	60.9		2002.8	2187.2	67.0		2254.2	245.4	6.1	0	251.5	582.7	0.0	0	582.7	79.0	8.1	79.6			semi_critical	over_exploited		semi_critical	
133	BM	BM-79	Solapur	698.0	2633.2	0	3331.2	663.1	2501.6	0	3164.7	30.5	34.1		64.6	0.0	0	0	0	233.4	2344.9		2578.2	263.9	2379.0		2642.9	30.5	34.1	0	64.6	399.2	122.6	0	521.8	39.8	95.1	83.5			safe	critical		semi_critical	
134	BM	BM-8	Pune	641.1	2245.7	0	2886.8	577.0	2133.4	0	2710.4	24.5	56.9		81.4	0.0	0	0	0	504.7	1426.5		1931.1	529.3	1483.3		2012.5	24.5	56.9	0	81.4	47.8	650.1	0	697.9	91.5	69.5	74.2			critical	safe		semi_critical	
135	BM	BM-8 A	Osmanabad	29.3	878.5	0	907.8	27.9	834.6	0	862.4	3.4	22.1		25.4	0.0	0	0	0	21.1	400.9		421.9	24.4	422.9		447.4	3.4	22.1	0	25.4	3.4	411.6	0	415.1	87.7	50.7	51.9			semi_critical	safe		safe	
136	BM	BM-80	Solapur	489.1	2846.3	0	3335.4	464.6	2704.0	0	3168.6	22.1	83.7		105.8	0.1	0	0.1	0	337.2	2188.7		2525.5	359.2	2272.2		2631.7	22.1	83.7	0	105.8	105.2	431.8	0	537.0	77.0	84.0	83.1			semi_critical	semi_critical		semi_critical	
137	BM	BM-81	Pune	486.0	1158.4	0	1644.7	461.5	1100.5	0	1562.2	22.1	114.5		136.7	0.0	0	0	0	13.9	195.9		209.8	36.1	310.5		346.5	22.1	114.5	0	136.7	425.6	790.0	0	1215.6	7.8	28.2	22.2			safe	safe		safe	
138	BM	BM-8																																											

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
149	BM	BM-89	Solapur	2439.8	1702.2	0	4142.0	2317.8	1617.1	0	3934.9	40.1	59.9		100.1	0.0	0		0	1863.6	2252.1		4115.7	1903.7	2312.1		4215.8	40.1	59.9	0	100.1	414.1	0.0	0	414.1	82.1	14.3	10.7	107.1	semi_critical	over_exploited		over_exploited
150	BM	BM-9	Osmanabad	269.3	3128.0	0	3397.2	255.8	2971.6	0	3227.4	12.5	62.4		74.9	0.0	0		0	159.9	1851.9		2011.8	172.4	1914.4		2086.8	12.5	62.5	0	74.9	83.4	1057.2	0	1140.6	67.4	64.7	64.7	safe	safe		safe	
151	BM	BM-9	Pune	1510.4	1593.6	0	3104.0	1359.4	1513.9	0	2873.3	56.5	70.6		127.2	0.0	0		0	663.0	1743.4		2406.4	719.6	1814.0		2533.6	56.5	70.6	0	127.2	639.8	0.0	0	639.8	52.9	11.9	88.2	safe	over_exploited		semi_critical	
152	BM	BM-90	Solapur	4110.2	1046.0	0	5156.1	3904.6	993.7	0	4898.3	109.7	95.5		205.2	0.0	0		0	5621.4	566.5		6187.9	5731.1	662.0		6393.1	109.7	95.5	0	205.2	0	331.6	0	331.6	14.6	66.8	13.0	53.5	over_exploited	safe		over_exploited
153	BM	BM-91	Solapur	1015.0	1297.3	0	2312.2	964.2	1232.4	0	2196.6	32.7	45.6		78.4	0.0	0		0	262.8	701.4		964.2	295.5	747.0		1042.5	32.7	45.6	0	78.4	668.7	485.4	0	1154.1	30.6	60.6	47.5	safe	safe		safe	
154	BM	BM-92	Solapur	1036.5	1807.8	0	2844.3	984.7	1717.4	0	2702.1	40.5	34.6		75.2	0.0	0		0	472.7	1468.9		1941.6	513.3	1503.5		2016.8	40.5	34.6	0	75.2	471.4	213.9	0	685.3	52.1	87.5	74.6	safe	semi_critical		semi_critical	
155	BM	BM-93	Solapur	1666.4	3584.0	0	5250.5	1583.8	3404.0	0	4987.9	39.5	31.0		70.4	0.0	0		0	4067.3	2615.3		6682.6	4106.8	2646.3		6753.1	39.5	31.0	0	70.4	0	758.5	0	758.5	25.9	77.4	13.5	54.4	over_exploited	semi_critical		over_exploited
156	BM	BM-94	Solapur	1583.1	902.8	0	2485.9	1503.9	857.7	0	2361.6	31.6	19.1		50.7	0.0	0		0	893.7	885.4		1779.1	925.3	904.6		1829.8	31.6	19.1	0	50.7	578.7	0.0	0	578.7	61.5	10.5	77.5	safe	over_exploited		semi_critical	
157	BM	BM-95	Solapur	747.4	1143.0	0	1890.5	710.1	1085.9	0	1795.9	42.5	55.9		98.4	0.0	0		0	459.8	1185.3		1645.1	502.4	1241.2		1743.6	42.5	55.9	0	98.4	207.7	0.0	0	207.7	70.8	11.4	97.1	semi_critical	over_exploited		critical	
158	BM	BM-96	Solapur	3642.2	20.0	0	3662.2	3460.1	18.0	0	3478.1	100.0			100.0	0.0			0	2399.6			2399.6	2499.6			2499.6	100.0	0.0	0	100.0	960.5	18.0	0	978.5	72.2	59.3	71.9	semi_critical			semi_critical	
159	BM	BM-97	Solapur	1687.8	2930.9	0	4618.7	1603.4	2784.4	0	4387.8	36.6	77.4		114.0	0.0	0		0	803.0	1574.1		2377.1	839.5	1651.5		2491.1	36.6	77.5	0	114.0	763.8	1132.9	0	1896.7	52.4	59.3	56.8	safe	safe		safe	
160	BM	BM-98	Solapur	950.0	711.2	0	1661.2	902.5	675.6	0	1578.1	22.5	16.0		38.5	0.0	0		0	457.6	500.8		958.4	480.1	516.8		996.9	22.5	16.0	0	38.5	422.4	158.9	0	581.2	53.2	76.5	63.2	safe	semi_critical		safe	
161	BM	BM-99	Solapur	1746.4	1688.5	0	3434.9	1659.0	1604.1	0	3263.1	38.2	34.6		72.8	0.0	0		0	950.5	2156.5		3107.0	988.8	2191.1		3179.8	38.3	34.6	0	72.9	670.3	0.0	0	670.3	59.6	13.6	97.4	safe	over_exploited		critical	
162	WF_1	Borivali	Mumbai Sub	0	2718.7	0	2718.7	0	2582.7	0	2582.7				595.9	29.2			29.2				0.0				625.1		625.1	0	595.9	0	1957.7	0	1957.7		24.2	24.2		safe			safe
163	GP	GP-1	Buldhana	207.5	1242.5	0	1450.0	197.2	1118.0	0	1315.4	27.5	33.0		60.5	0.0	0		0	13.6	682.9		696.5	41.1	715.9		757.0	27.5	33.0	0	60.5	156.1	402.4	0	558.4	20.8	64.0	57.5	safe	safe		safe	
164	GP	GP-1	Aurangabad	588.6	4984.6	0	5573.2	559.1	4735.4	0	5294.5	22.7	91.5		114.1	0.0	0		0	416.6	2630.5		3047.1	439.2	2722.0		3161.3	22.7	91.5	0	114.1	119.9	2013.3	0	2133.2	78.6	57.5	59.7	semi_critical	safe		safe	
165	GP	GP-10	Aurangabad	479.3	2420.3	0	2900.4	455.4	2299.8	0	2755.1	20.3	120.0		140.3	0.0	0		0	211.2	1526.6		1737.8	231.6	1646.5		1878.1	20.3	120.0	0	140.3	223.8	653.2	0	877.0	50.8	71.6	68.2	safe	semi_critical		safe	
166	GP	GP-11	Jalna	347.6	1702.9	0	2050.5	330.2	1617.8	0	1948.0	7.6	19.5		27.1	1.2	0.6	1.8	141.1	808.4		949.5	149.9	828.5		978.4	38.8	45.4	0	84.2	149.1	763.4	0	912.5	45.4	51.2	50.2	safe	safe		safe		
167	GP	GP-11	Aurangabad	122.5	967.4	0	1089.9	110.2	919.0	0	1029.2	0.0	43.5		43.5	0.0	0		0	98.3	555.0		653.3	98.3	598.6		696.9	0	43.5	0	43.5	12.0	320.4	0	332.4	89.2	65.1	67.7	semi_critical	safe		safe	
168	GP	GP-12 B	Jalna	7.0	849.3	0	856.3	6.3	806.9	0	813.2		15.4		15.4		0		0		505.8		505.8		521.2		521.2	0	43.9	0	43.9	6.3	257.2	0	263.5	64.6	64.1		safe			safe	
169	GP	GP-13	Jalna	130.2	844.5	0	974.8	123.7	802.3	0	926.0	9.9	15.7		25.7	0.0	2.2	2.2	91.0	682.4		773.4	100.9	700.3		801.2	30.6	598.3	0	628.9	2.2	102.0	0	104.2	81.6	87.3	86.5	semi_critical	semi_critical		semi_critical		
170	GP	GP-13 A	Aurangabad	964.4	369.1	0	1333.5	916.2	350.6	0	1266.8	23.1	10.0		33.1	0.0	0		0	540.8	164.2		704.9	563.9	174.1		738.0	23.1	10.0	0	33.1	352.4	176.5	0	528.8	61.5	49.7	58.3	safe	safe		safe	
171	GP	GP-14	Aurangabad	0	1154.5	0	1154.5	0	1096.8	0	1096.8		27.4		27.4		0		0		679.9		679.9		707.3		707.3	0	27.4	0	27.4	0	389.5	0	389.5		64.5	64.5		safe			safe
172	GP	GP-14 B	Jalna	0	682.1	0	682.1	0	648.0	0	648.0		16.4		16.4		0.1	0.1			520.2		520.2		536.7		536.7	0	39.1	0	39.1	0	88.6	0	88.6		82.8	82.8		semi_critical		semi_critical	
173	GP	GP-15	Jalna	0	348.4	0	348.4	0	331.0	0	331.0		9.0		9.0		0	0			202.3		202.3		211.3		211.3	0	24.1	0	24.1	0	104.7	0	104.7		63.8	63.8		safe			safe
174	GP	GP-15	Aurangabad	0	1488.0	0	1488.0	0	1413.6	0	1413.6		44.2		44.2		0	0			1117.1		1117.1		1161.4		1161.4	0	44.2	0	44.2	0	252.2	0	252.2		82.2	82.2		semi_critical		semi_critical	
175	GP	GP-16	Jalna	5.7	657.0	0	662.8	5.2	624.2	0	629.3		32.4		32.4		0.8	0.8			387.0		387.0		420.1		420.1	0	43.3	0	43.3	5.2	193.1	0	198.2		67.3	66.8		safe			safe
176	GP	GP-16	Aurangabad	800.7	679.5	0	1480.2	760.7	645.5	0	1406.2	29.2	52.2		81.4	0.0	0		0	525.9	452.2		978.1	555.2	504.4		1059.6	29.3	52.2	0	81.4	205.5	141.1	0	346.7	73.0	78.1	75.3	semi_critical	semi_critical		semi_critical	
177	GP	GP-17	Aurangabad	789.7	1726.6	0	2516.2	750.2	1640.0	0																																	

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
187	GP	GP-21	Jalna	276.8	3107.7	0	3384.5	249.1	2952.4	0	3201.4	9.6	19.0		28.6	0.2	0.4		0.7	89.1	1969.0		2058.1	98.9	1988.4		2087.3	9.6	124.9	0	134.4	150.2	858.1	0	1008.3	39.7	67.3	65.2	safe	safe		safe	
188	GP	GP-22	Jalna	68.6	842.9	0	911.5	65.2	800.8	0	866.0	2.8	16.1		18.9	2.0	2.0		4.0	42.8	428.9		471.6	47.6	447.0		494.5	18.3	66.1	0	84.4	2.1	303.8	0	306.0	73.0	55.8	57.1	semi_critical	safe		safe	
189	GP	GP-23	Jalna	0	2113.6	0	2113.6	0	2008.0	0	2008.0		34.7		34.7		1.5		1.5		1016.4		1016.4		1052.6		1052.6	0	87.4	0	87.4	0	902.7	0	902.7		52.4		52.4		safe		safe
190	GP	GP-24	Jalna	430.9	339.1	0	770.0	409.4	322.1	0	731.5	6.1	8.6		14.6	2.0	2.0		4.0	277.4	172.6		450.1	285.5	183.2		468.7	6.1	8.6	0	14.6	123.9	138.9	0	262.8	69.7	56.9	64.1	safe	safe		safe	
191	GP	GP-24	Aurangabad	0	389.1	0	389.1	0	369.7	0	369.7		7.2		7.2		0		0		178.4		178.4		185.6		185.6	0	7.2	0	7.2	0	184.1	0	184.1		50.2		50.2		safe		safe
192	GP	GP-25	Jalna	0	787.1	0	787.1	0	747.8	0	747.8		20.0		20.0		0		0		454.2		454.2		474.2		474.2	0	34.8	0	34.8	0	258.7	0	258.7		63.4		63.4		safe		safe
193	GP	GP-26	Jalna	171.7	1494.6	0	1666.4	163.1	1419.9	0	1583.0	3.2	19.8		23.0	0.0	0		0	55.7	877.7		933.4	58.9	897.5		956.3	8.9	90.4	0	99.4	98.5	451.8	0	550.3	36.1	63.2	60.4	safe	safe		safe	
194	GP	GP-27	Jalna	26.6	1792.6	0	1819.2	24.0	1703.0	0	1726.9		56.1		56.1		0.3		0.3		1073.5		1073.5		1130.0		1130.0	0	106.3	0	106.3	24.0	522.8	0	546.8		66.4		65.4		safe		safe
195	GP	GP-28	Jalna	314.1	1855.4	0	2169.5	298.4	1762.7	0	2061.0	8.0	27.4		35.4	0.5	0.4		0.9	149.0	1039.0		1188.0	157.5	1066.8		1224.3	57.5	37.9	0	95.4	91.4	685.4	0	776.8	52.8	60.5	59.4	safe	safe		safe	
196	GP	GP-29	Jalna	242.5	4104.6	0	4347.4	230.4	3899.3	0	4129.7	7.0	36.8		43.8	0.0	0.4		0.4	183.5	2508.3		2691.8	190.5	2545.5		2736.0	60.1	350.3	0	951.9	39.9	1040.4	0	1080.3	82.7	65.3	66.3	semi_critical	safe		safe	
197	GP	GP-3	Washim	178.1	719.8	0	897.8	169.2	683.8	0	852.9	0.0	49.4		49.4	0.0	0		0	4.8	271.9		276.7	4.8	321.3		326.1	0	49.4	0	49.4	164.4	362.5	0	526.9	2.8	47.0	38.2	safe	safe		safe	
198	GP	GP-3	Aurangabad	1191.4	3484.0	0	4675.3	1131.8	3309.8	0	4441.6	40.9	133.9		174.9	0.0	0		0	991.9	2086.2		3078.0	1032.8	2220.1		3252.9	40.9	133.9	0	174.9	99.0	1089.7	0	1188.6	91.3	67.1	73.2	critical	safe		semi_critical	
199	GP	GP-30	Jalna	45.6	1578.2	0	1623.8	41.0	1499.3	0	1540.3		47.7		47.7		3.5		3.5		881.4		881.4		932.6		932.6	0	61.0	0	61.0	41.0	553.5	0	594.5		62.5		60.5		safe		safe
200	GP	GP-31	Jalna	175.1	2792.0	0	2967.3	166.3	2652.4	0	2818.7	3.7	25.6		29.3	0.0	0.5		0.5	123.6	1577.1		1700.7	127.3	1603.2		1730.5	7.4	93.9	0	101.3	35.4	980.8	0	1016.2	76.5	60.4	61.4	semi_critical	safe		safe	
201	GP	GP-32 A	Jalna	210.6	1837.7	0	2048.3	200.1	1745.8	0	1945.9	2.9	14.6		17.5	0.4	0		0.4	124.2	806.8		931.0	127.5	821.4		948.9	2.9	53.1	0	56.0	72.6	886.0	0	958.6	63.7	47.0	48.8	safe	safe		safe	
202	GP	GP-32 A	Jalna	25.1	1356.2	0	1381.3	22.6	1288.4	0	1311.0		21.2		21.2		0		0		762.0		762.0		783.2		783.2	0	55.0	0	55.0	22.6	471.4	0	494.0		60.8		59.7		safe		safe
203	GP	GP-33	Jalna	11.2	1154.3	0	1165.5	10.1	1096.5	0	1106.6		25.9		25.9		2.4		2.4		875.6		875.6		903.9		903.9	0	83.2	0	83.2	10.1	135.3	0	145.4		82.4		81.7		semi_critical		semi_critical
204	GP	GP-34	Jalna	0	521.0	0	521.0	0	494.9	0	494.9		26.9		26.9		0.1		0.1		328.3		328.3		355.4		355.4	0	39.1	0	39.1	0	127.3	0	127.3		71.8		71.8		semi_critical		semi_critical
205	GP	GP-35 A	Jalna	0	643.4	0	643.4	0	579.1	0	579.1		40.6		40.6		0		0		349.0		349.0		389.7		389.7	0	56.8	0	56.8	0	173.2	0	173.2		67.3		67.3		safe		safe
206	GP	GP-35 B	Jalna	0	714.9	0	714.9	0	679.2	0	679.2		30.7		30.7		8.8		8.8		428.0		428.0		467.5		467.5	0	115.8	0	115.8	0	126.6	0	126.6		68.8		68.8		safe		safe
207	GP	GP-36 A	Jalna	0	279.5	0	279.5	0	265.5	0	265.5		10.6		10.6		0		0		142.0		142.0		152.6		152.6	0	17.2	0	17.2	0	106.4	0	106.4		57.5		57.5		safe		safe
208	GP	GP-36 B	Parbhani	4.7	1945.1	0	1949.7	4.2	1847.8	0	1852.0		52.2		52.2		0		0		622.0		622.0		674.2		674.2	0	52.2	0	52.2	4.2	1173.6	0	1177.8		36.5		36.4		safe		safe
209	GP	GP-36 B	Jalna	0	2815.1	0	2815.1	0	2674.3	0	2674.3		67.7		67.7		21.9		21.9		816.5		816.5		906.1		906.1	0	92.7	0	92.7	0	1743.2	0	1743.2		33.9		33.9		safe		safe
210	GP	GP-37 A	Jalna	0	323.3	0	323.3	0	307.1	0	307.1		14.8		14.8		0		0		170.1		170.1		184.9		184.9	0	18.2	0	18.2	0	118.9	0	118.9		60.2		60.2		safe		safe
211	GP	GP-37 B	Jalna	0	2929.0	0	2929.0	0	2782.5	0	2782.5		50.0		50.0		0		0		617.4		617.4		667.4		667.4	0	53.2	0	53.2	0	2111.9	0	2111.9		24.0		24.0		safe		safe
212	GP	GP-37 B	Parbhani	12.0	1520.7	0	1532.6	10.8	1444.6	0	1455.4		33.5		33.5		0		0		898.6		898.6		932.0		932.0	0	33.5	0	33.5	10.8	512.6	0	523.4		64.5		64.0		safe		safe
213	GP	GP-38	Jalna	421.5	1750.8	0	2172.2	400.4	1663.2	0	2063.6	10.1	10.5		20.6	0.4	0		0.4	121.0	928.3		1049.2	131.4	938.8		1070.2	40.5	61.4	0	102.0	238.5	673.5	0	912.0	32.4	56.4	51.9	safe	safe		safe	
214	GP	GP-39 A	Jalna	0	607.0	0	607.0	0	576.7	0	576.7		12.1		12.1		0		0		331.9		331.9		344.0		344.0	0	18.9	0	18.9	0	225.9	0	225.9		59.7		59.7		safe		safe
215	GP	GP-39 B	Jalna	70.1	1572.9	0	1642.9	66.6	1494.2	0	1560.8	2.0	18.1		20.1	0.0	0.9		0.9	25.2	758.5		783.7	27.2	777.5		804.7	5.3	61.2	0	66.4	36.1	673.7	0	709.8	40.9	52.0	51.6	safe	safe		safe	
216	GP	GP-4	Buldhana	438.5	2179.7	0	2618.2	394.7	1961.7	0	2356.4	32.9	33.7		66.7	0.0	td																										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																				
22 5	GP	GP-43 B	Parbhani	24.8	1885.7	0	1910.5	22.3	1791.5	0	1813.8		40.2		40.2		0		0		932.7		932.7			972.9		972.9	0	40.2	0	40.2	22.3	818.5	0	840.8		54.3	53.6		safe		safe
22 6	GP	GP-44	Hingoli	852.0	1134.7	0	1986.7	809.4	1077.9	0	1887.4	4.7	17.7		22.4	0.0	0	0	0	43.1	345.1		388.2	47.8	362.8		410.6	4.7	17.7	0	22.4	761.7	715.2	0	1476.8	5.9	33.7	21.8		safe	safe	safe	
22 7	GP	GP-45	Parbhani	1191.5	1433.5	0	2625.0	1131.9	1361.9	0	2493.7	3.8	21.7		25.5	0.0	0	0	119.6	448.1		567.7	123.5	469.7		593.2	3.8	21.7	0	25.5	1008.4	892.1	0	1900.6	10.9	34.5	23.8		safe	safe	safe		
22 8	GP	GP-46 A	Jalna	70.4	1420.3	0	1490.7	63.4	1349.3	0	1412.6		32.4		32.4		0	0		742.0		742.0		774.4		774.4	0	52.2	0	52.2	63.4	555.1	0	618.4		57.4	54.8			safe	safe		
22 9	GP	GP-46 B	Parbhani	17.6	1789.6	0	1807.2	15.9	1700.1	0	1716.0		32.5		32.5		0	0		625.2		625.2		657.8		657.8	0	32.5	0	32.5	15.9	1042.4	0	1058.2		38.7	38.3			safe	safe		
23 0	GP	GP-47	Hingoli	0	3799.9	0	3799.9	0	3609.9	0	3609.9		44.0		44.0		0	0		1209.0		1209.0		1253.0		1253.0	0	44.0	0	44.0	0	2357.0	0	2357.0		34.7	34.7			safe	safe		
23 1	GP	GP-48	Parbhani	2125.0	1648.2	0	3773.3	2018.8	1565.8	0	3584.6	13.6	29.3		42.9	0.0	0	0	379.9	641.8		1021.6	393.5	671.1		1064.6	13.6	29.3	0	42.9	1625.3	894.7	0	2520.0	19.5	42.7	29.7		safe	safe	safe		
23 2	GP	GP-49	Parbhani	2121.5	2391.8	0	4513.2	2015.4	2272.2	0	4287.6	24.7	51.9		76.6	0.0	0	0	662.7	1287.0		1949.6	687.9	1338.9		2026.2	24.7	51.9	0	76.6	1328.0	933.3	0	2261.3	34.1	58.9	47.3		safe	safe	safe		
23 3	GP	GP-49 A	Jalna	0	222.1	0	222.1	0	211.0	0	211.0		7.1		7.1		0	0		86.0		86.0		93.0		93.0	0	7.3	0	7.3	0	117.8	0	117.8		44.1	44.1			safe	safe		
23 4	GP	GP-5	Jalna	0	793.9	0	793.9	0	754.2	0	754.2		11.7		11.7		0	0		485.5		485.5		497.1		497.1	0	40.6	0	40.6	0	228.2	0	228.2		65.9	65.9			safe	safe		
23 5	GP	GP-5	Buldhana	324.0	1158.0	0	1482.1	307.8	1100.1	0	1408.0	24.0	45.2		69.2	0.0	0	0	136.5	683.2		819.6	160.5	728.3		888.8	24.0	45.2	0	69.2	147.4	371.8	0	519.2	52.1	66.2	63.1		safe	safe	safe		
23 6	GP	GP-5	Aurangabad	0	1539.6	0	1539.6	0	1462.6	0	1462.6		51.3		51.3		0	0		1190.9		1190.9		1242.2		1242.2	0	51.3	0	51.3	0	220.3	0	220.3		84.9	84.9			semi_critical	semi_critical		
23 7	GP	GP-50	Parbhani	14.8	3457.9	0	3472.7	13.3	3285.0	0	3298.3		65.6		65.6		0	0		2174.4		2174.4		2240.0		2240.0	0	65.6	0	65.6	13.3	1045.0	0	1058.3		68.2	67.9			safe	safe		
23 8	GP	GP-51	Parbhani	839.1	2906.9	0	3746.0	797.1	2761.6	0	3558.7	6.7	49.2		55.9	0.0	0	0	217.1	1150.6		1367.7	223.8	1199.8		1423.6	6.7	49.2	0	55.9	573.3	1561.7	0	2135.1	28.1	43.4	40.0		safe	safe	safe		
23 9	GP	GP-52	Hingoli	586.6	1853.8	0	2440.4	557.3	1761.1	0	2318.4	4.8	89.4		94.2	0.0	0	0	82.6	948.9		1031.5	87.5	1038.3		1125.8	4.8	89.4	0	94.2	469.8	722.8	0	1192.6	15.7	59.0	48.6		safe	safe	safe		
24 0	GP	GP-53 A	Parbhani	5.6	345.9	0	351.6	5.1	328.6	0	333.7		9.4		9.4		0	0		63.6		63.6		73.0		73.0	0	9.4	0	9.4	5.1	255.6	0	260.7		22.2	21.9			safe	safe		
24 1	GP	GP-53 B	Hingoli	0	1032.5	0	1032.5	0	980.9	0	980.9		38.0		38.0		0	0		491.9		491.9		529.9		529.9	0	38.0	0	38.0	0	451.0	0	451.0		54.0	54.0			safe	safe		
24 2	GP	GP-54	Parbhani	2105.3	2131.8	0	4237.1	2000.2	2025.2	0	4025.2	8.0	25.0		33.1	0.0	0	0	552.1	886.6		1438.7	560.2	911.6		1471.8	8.0	25.0	0	33.1	1439.9	1113.6	0	2553.5	28.0	45.0	36.6		safe	safe	safe		
24 3	GP	GP-55 A	Parbhani	5.2	1979.8	0	1985.0	4.7	1880.9	0	1885.5		32.4		32.4		0	0		850.5		850.5		882.9		882.9	0	32.4	0	32.4	4.7	997.9	0	1002.6		46.9	46.8			safe	safe		
24 4	GP	GP-55 B	Hingoli	919.2	330.9	0	1250.1	873.3	297.8	0	1171.1	7.3	82.6		89.9	0.0	0	0	398.2	120.1		518.3	405.5	202.6		608.1	7.3	82.6	0	89.9	467.8	95.2	0	563.0	46.4	68.0	51.9		safe	safe	safe		
24 5	GP	GP-56	Parbhani	410.7	651.8	0	1062.5	390.1	619.2	0	1009.3	11.1	24.5		35.6	0.0	0	0	176.1	252.5		428.5	187.2	276.9		464.1	11.1	24.5	0	35.6	203.0	342.3	0	545.2	48.0	44.7	46.0		safe	safe	safe		
24 6	GP	GP-57	Parbhani	14.5	1369.2	0	1383.7	13.0	1300.7	0	1313.8		44.4		44.4		0	0		769.4		769.4		813.8		813.8	0	44.4	0	44.4	13.0	486.9	0	499.9		62.6	61.9			safe	safe		
24 7	GP	GP-58	Parbhani	1433.3	689.6	0	2122.9	1361.6	655.1	0	2016.8	21.7	27.2		49.0	0.0	0	0	504.8	233.9		738.7	526.5	261.2		787.7	21.7	27.2	0	49.0	835.1	394.0	0	1229.1	38.7	39.9	39.1		safe	safe	safe		
24 8	GP	GP-59	Parbhani	2351.5	657.4	0	3008.8	2233.9	624.5	0	2858.4	33.0	38.2		71.2	0.0	0	0	787.3	354.9		1142.2	820.3	393.1		1213.4	33.0	38.2	0	71.2	1413.6	231.4	0	1645.0	36.7	62.9	42.4		safe	safe	safe		
24 9	GP	GP-6	Buldhana	357.2	1768.2	0	2125.4	339.3	1679.8	0	2019.2	16.8	41.8		58.6	0.0	0	0	180.4	1173.4		1353.3	196.8	1215.2		1412.0	16.9	41.8	0	58.7	142.5	464.7	0	607.2	58.0	72.3	69.9		safe	semi_critical	safe		
25 0	GP	GP-6	Aurangabad	0	1909.9	0	1909.9	0	1814.4	0	1814.4		37.9		37.9		0	0		1109.3		1109.3		1147.2		1147.2	0	38.0	0	38.0	0	667.2	0	667.2		63.2	63.2			safe	safe		
25 1	GP	GP-6 B	Jalna	0	668.6	0	668.6	0	635.1	0	635.1		9.2		9.2		0	0		387.7		387.7		397.0		397.0	0	18.6	0	18.6	0	228.9	0	228.9		62.5	62.5			safe	safe		
25 2	GP	GP-60 A	Hingoli	1664.5	159.0	0	1680.4	1581.3	143.1	0	1595.6		153.3		153.3	0.0	0	0	2088.9			2088.9	2242.2				2242.2	153.3	0.0	0	153.3	1357.1	143.1	0	1371.4	14.2	14.1			safe	safe		
25 3	GP	GP-60 B	Parbhani	102.8	50.2	0	153.0	97.7	47.7	0	145.3	13.7	10.2		23.9	0.0	0	0	42.2	21.2		63.4	55.9	31.4		87.4	13.7	10.2	0	23.9	41.7	16.2	0	58.0	57.3	65.9	60.1		safe	safe	safe		
25 4	GP	GP-61	Parbhani	917.4	1.3	0	918.6	871.5	1.2	0	872.7	30.4			30.4	0.0	0	0	437.3			437.3	467.6				467.6	30.4	0.0	0	30.4	403.9	1.2	0	405.0		53.7	53.6			safe	safe	
25 5	GP																																										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
263	GPD	GPD-1	Buldha na	166.2	2334.3	0	2500.5	157.9	2217.6	0	2375.5	14.4	64.0		78.5	0.0	0		0	80.7	1650.1		1730.8	95.1	1714.2		1809.3	14.4	64.0	0	78.5	62.8	503.4	0	566.2	60.2	77.3	76.2	safe	semi_cri tical		semi_cri tical	
264	GPD	GPD-2	Buldha na	59.5	577.7	0	637.3	56.5	548.9	0	605.4	7.9	14.3		22.2	0.0	0		0	10.5	578.2		588.7	18.4	592.5		610.8	7.9	14.3	0	22.2	38.2	0.0	0	38.2	32.5	10.7	10.9	safe	over_ex ploited		over_ex ploited	
265	GPD	GPD-3	Buldha na	0	582.5	0	582.5	0	553.4	0	553.4		10.6		10.6		0		0		429.2		429.2		439.8		439.8	0	10.6	0	10.6	0	113.6	0	113.6		79.5	79.5		semi_cri tical		semi_cri tical	
266	GPDG	GPDG-1	Buldha na	0	748.9	0	748.9	0	711.5	0	711.5		22.4		22.4		0		0		459.4		459.4		481.7		481.7	0	22.4	0	22.4	0	229.8	0	229.8		67.7	67.7		safe		safe	
267	GPP	GPP-1	Buldha na	74.9	1940.8	0	2015.6	71.1	1843.7	0	1914.9	6.0	69.6		75.5	0.0	0		0	34.2	1578.1		1612.3	40.2	1647.6		1687.8	6.0	69.6	0	75.5	30.9	196.1	0	227.0	56.5	89.4	88.1	safe	semi_cri tical		semi_cri tical	
268	GV	GV-1	Gadchiroli	0	2422.1	0	2422.1	0	2301.0	0	2301.0		54.1		54.1		0		0		721.1		721.1		775.2		775.2	0	54.1	0	54.1	0	1525.8	0	1525.8		33.7	33.7		safe		safe	
269	GV	GV-1	Nashik	858.6	2688.9	0	3547.5	815.7	2554.4	0	3370.1	8.2	81.8		89.9	0.0	296.9		296.9	342.3	1227.0		1569.3	350.4	1605.7		1956.1	8.2	81.8	0	90.0	465.2	948.8	0	1414.0	43.0	62.9	58.0	safe	safe		safe	
270	GV	GV-10	Nashik	478.5	1016.3	0	1494.8	430.7	914.7	0	1345.4	2.7	18.7		21.4	0.0	0.2		0.2	90.4	555.6		646.0	93.1	574.6		667.6	2.7	18.7	0	21.4	337.6	340.1	0	677.7	21.6	62.8	49.6	safe	safe		safe	
271	GV	GV-100	Ahmednagar	0	985.3	0	985.3	0	936.0	0	936.0		117.0		117.0		0		0		49.3		49.3		166.3		166.3	0	117.0	0	117.0	0	769.7	0	769.7		17.8	17.8		safe		safe	
272	GV	GV-100A	Hingoli	4736.5	208.0	0	4944.5	4499.7	197.6	0	4697.3	23.7	46.2		69.9	0.0	0		0	2527.2	245.1		2772.3	2550.9	291.3		2842.2	23.7	46.2	0	69.9	1948.8	0.0	0	1948.8	56.7	14.7	60.5	safe	over_ex ploited		safe	
273	GV	GV-100B	Nanded	1708.0	996.4	0	2704.4	1622.6	946.6	0	2569.2	23.8	32.2		55.9	0.0	0		0	1039.6	511.6		1551.2	1063.4	543.8		1607.2	23.8	32.2	0	56.0	559.2	402.8	0	962.0	65.5	57.4	62.6	safe	safe		safe	
274	GV	GV-101	Nanded	420.7	3224.2	0	3645.0	399.7	3063.0	0	3462.7	21.1	42.8		63.9	0.0	0		0	221.8	436.1		657.8	242.9	478.9		721.7	21.1	42.8	0	63.9	156.9	2584.2	0	2741.0	60.8	15.6	20.8	safe	safe		safe	
275	GV	GV-101	Ahmednagar	1294.2	734.5	0	2028.7	1229.5	697.8	0	1927.3	33.2	83.6		116.8	0.0	0		0	567.0	762.1		1329.1	600.2	845.7		1445.9	33.2	83.6	0	116.8	629.3	0.0	0	629.3	48.8	12.1	75.0	safe	over_ex ploited		semi_cri tical	
276	GV	GV-102	Ahmednagar	0	1867.1	0	1867.1	0	1773.7	0	1773.7		101.5		101.5		0		0		2201.3		2201.3		2302.8		2302.8	0	101.5	0	101.5	0	0.0	0	0.0		12.9	12.9		over_ex ploited		over_ex ploited	
277	GV	GV-102	Nanded	3781.3	799.7	0	4581.0	3592.2	759.8	0	4352.0	60.1	13.7		73.8	0.0	0		0	1967.2	364.3		2331.5	2027.3	378.0		2405.3	60.1	13.7	0	73.8	1564.9	381.8	0	1946.7	56.4	49.8	55.3	safe	safe		safe	
278	GV	GV-103	Nanded	1431.6	1940.9	0	3372.6	1360.1	1843.9	0	3203.9	30.9	40.0		70.9	0.0	0		0	325.9	555.8		881.6	356.7	595.8		952.5	30.9	40.0	0	70.9	1003.3	1248.1	0	2251.4	26.2	32.3	29.7	safe	safe		safe	
279	GV	GV-103	Ahmednagar	0	627.2	0	627.2	0	595.8	0	595.8		76.7		76.7		0		0		122.7		122.7		199.3		199.3	0	76.7	0	76.7	0	396.5	0	396.5		33.5	33.5		safe		safe	
280	GV	GV-104	Nanded	783.8	3761.0	0	4544.9	744.6	3573.0	0	4317.6	22.3	72.5		94.8	0.0	0		0	384.8	1361.2		1746.0	407.1	1433.8		1840.9	22.3	72.5	0	94.8	337.5	2139.2	0	2476.7	54.7	40.1	42.6	safe	safe		safe	
281	GV	GV-104	Ahmednagar	0	1375.1	0	1375.1	0	1306.3	0	1306.3		76.0		76.0		0		0		963.2		963.2		1039.1		1039.1	0	76.0	0	76.0	0	267.2	0	267.2		79.5	79.5		semi_cri tical		semi_cri tical	
282	GV	GV-105	Ahmednagar	0	1689.8	0	1689.8	0	1605.3	0	1605.3		111.8		111.8		0		0		1305.6		1305.6		1417.4		1417.4	0	111.8	0	111.8	0	187.9	0	187.9		88.3	88.3		semi_cri tical		semi_cri tical	
283	GV	GV-105	Nanded	464.9	3101.4	0	3566.4	441.7	2946.0	0	3388.0	23.5	30.7		54.3	0.0	0		0	282.6	1398.9		1681.5	306.1	1429.7		1735.8	23.6	30.8	0	54.3	135.6	1516.7	0	1652.3	69.3	48.5	51.2	safe	safe		safe	
284	GV	GV-106	Nanded	741.3	2523.9	0	3265.2	704.2	2397.7	0	3101.9	23.2	47.4		70.6	0.0	0		0	364.5	933.2		1297.6	387.7	980.5		1368.2	23.2	47.4	0	70.6	316.5	1417.2	0	1733.7	55.0	40.9	44.1	safe	safe		safe	
285	GV	GV-106	Ahmednagar	0	1824.2	0	1824.2	0	1733.0	0	1733.0		71.5		71.5		0		0		1008.0		1008.0		1079.5		1079.5	0	71.5	0	71.5	0	653.4	0	653.4		62.3	62.3		safe		safe	
286	GV	GV-107	Ahmednagar	0	968.9	0	968.9	0	920.4	0	920.4		59.1		59.1		0		0		804.0		804.0		863.1		863.1	0	59.1	0	59.1	0	57.3	0	57.3		93.8	93.8		critical		critical	
287	GV	GV-107	Nanded	445.6	2954.3	0	3399.9	423.6	2806.6	0	3229.9	34.5	23.6		58.2	0.0	0		0	150.9	686.9		837.8	185.4	710.5		895.9	34.5	23.6	0	58.2	237.9	2096.1	0	2334.0	43.8	25.3	27.7	safe	safe		safe	
288	GV	GV-108	Ahmednagar	0	1512.3	0	1512.3	0	1436.7	0	1436.7		77.0		77.0		0		0		726.6		726.6		803.6		803.6	0	77.0	0	77.0	0	633.1	0	633.1		55.9	55.9		safe		safe	
289	GV	GV-108	Nanded	196.3	2384.8	0	2581.1	186.5	2265.0	0	2452.1	12.5	30.1		42.6	0.0	0		0	87.2	709.8		797.1	99.7	739.9		839.6	12.5	30.1	0	42.6	86.8	1525.6	0	1612.4	53.4	32.7	34.2	safe	safe		safe	
290	GV	GV-109	Ahmednagar	0	1019.6	0	1019.6	0	968.6	0	968.6		50.0		50.0		0		0		1234.2		1234.2		1284.2		1284.2	0	50.0	0	50.0	0	0.0	0	0.0		13.2	13.2		over_ex ploited		over_ex ploited	
291	GV	GV-109	Nanded	491.0	2408.9	0	2899.9	466.5	2288.5	0	2754.9	32.9	42.4		75.2	0.0	0		0	230.9	606.3		837.2	263.7	648.7		912.4	32.9	42.4	0	75.2	202.7	1639.8	0									

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				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																									
301	GV	GV-114	Nanded	0	2137.2	0	2137.2	0	2030.3	0	2030.3		31.5		31.5		0		0				316.3				316.3			347.8				347.8	0	31.5	0	31.5	0	1682.5	0	1682.5	17.1	17.1		safe		safe
302	GV	GV-114	Ahmednagar	328.4	1679.9	0	2008.3	295.6	1595.9	0	1891.5	20.3	64.4		84.7	0.0	0	0	0	199.2	453.1		652.3	219.5	517.5		737.0	20.3	64.4	0	84.7	76.1	1078.5	0	1154.5	74.3	32.4	39.0	semi_critical	safe			safe		safe			
303	GV	GV-114	Pune	7.8	420.8	0	428.6	7.0	399.7	0	406.8		35.1		35.1		0	0	0		315.3		315.3				350.5	0	35.2	0	35.2	7.0	49.3	0	56.3	87.7	86.2					semi_critical		safe				
304	GV	GV-115	Ahmednagar	0	2780.5	0	2780.5	0	2641.5	0	2641.5		93.4		93.4		0	0	0		465.8		465.8			559.2	0	93.4	0	93.4	0	2082.3	0	2082.3	21.2	21.2					safe		safe					
305	GV	GV-116	Ahmednagar	0	1814.9	67.6	1882.5	0	1724.2	642.7	2366.9		46.4	0.0	46.4		0	0	0	548.0	56.4	604.4			594.3	56.4	650.7	0	46.4	0	46.4	0	1129.9	586.2	1129.9	34.5	63.0	8.8	34.5			safe	safe	safe				
306	GV	GV-117	Ahmednagar	1672.3	1055.4	0	2727.7	1588.6	1002.6	0	2591.3	50.2	8.4		58.6	0.0	0	0	985.0	623.2	1608.2	1035.2	631.6	1666.8	50.2	8.4	0	58.6	553.5	371.0	0	924.5	65.2	63.0	64.3	safe	safe			safe		safe						
307	GV	GV-118	Ahmednagar	3009.9	773.5	0	3783.4	2859.4	734.8	0	3594.2	69.5	92.3		161.8	0.0	0	0	1359.3	1168.9	2528.2	1428.8	1261.2	2690.0	69.5	92.3	0	161.8	1430.6	0.0	0	1430.6	50.0	17.6	74.8	safe	over_exploited			semi_critical		safe						
308	GV	GV-119	Ahmednagar	2423.5	0.0	0	2423.5	2302.3	0.0	0	2302.3	49.1			49.1	0.0		0	2723.5	2723.5	2772.6			2772.6	49.1	0.0	0	49.1	0	0.0	0	0.0	0	0.0	12.0	12.0	0.4	over_exploited			over_exploited		over_exploited					
309	GV	GV-12	Nashik	22.6	4134.6	0	4157.2	20.3	3927.9	0	3948.2		47.4		47.4		4.2	4.2		834.9		834.9			886.6	0	47.4	0	47.4	20.3	3041.4	0	3061.7	22.6	22.5					safe		safe						
310	GV	GV-120	Ahmednagar	4683.7	2370.2	0	7053.9	4449.5	2251.7	0	6701.2	108.8	64.6		173.5	0.0	0	0	4455.6	2426.9	6882.5	4564.5	2491.5	7056.0	108.8	64.6	0	173.5	0	0.0	0	0.0	0	0.0	10.2	11.0	5.3	over_exploited	over_exploited			over_exploited		over_exploited				
311	GV	GV-121	Ahmednagar	643.3	631.3	0	1274.6	611.1	599.8	0	1210.8	19.6	31.3		50.9	0.0	0	0	482.9	243.4	726.4	502.5	274.8	777.3	19.6	31.3	0	50.9	108.6	325.0	0	433.6	82.2	45.8	64.2	semi_critical	safe			safe		safe						
312	GV	GV-122	Ahmednagar	2634.0	810.5	0	3444.5	2502.3	769.9	0	3272.2	113.0	47.0		160.0	0.0	0	0	2842.4	147.4	2989.8	2955.4	194.4	3149.8	113.0	47.0	0	160.0	0	575.6	0	575.6	11.8	25.2	96.3	over_exploited	safe			critical		critical						
313	GV	GV-123	Ahmednagar	1724.1	993.3	0	2717.4	1637.9	943.6	0	2581.5	49.5	49.8		99.2	0.0	0	0	1384.2	1951.6	3335.6	1433.2	2001.2	3434.9	49.5	49.8	0	99.3	204.2	0.0	0	204.2	87.5	21.1	13.1	semi_critical	over_exploited			over_exploited		over_exploited						
314	GV	GV-124	Ahmednagar	913.8	1438.7	0	2352.5	868.1	1366.8	0	2234.9	10.2	33.4		43.6	0.0	0	0	656.4	1362.1	2018.6	1395.5	2062.1	2062.1	10.2	33.4	0	43.6	201.5	0.0	0	201.5	76.0	21.1	92.3	semi_critical	over_exploited			critical		critical						
315	GV	GV-125	Ahmednagar	1473.4	691.2	19.3	2357.7	1399.7	656.6	183.5	2239.8	31.0	11.5	11.5	54.0	0.0	0	0	1872.4	760.3	286.1	2918.8	1903.5	771.8	297.5	2972.8	31.0	11.5	12	42.5	0	0.0	0	0.0	13.6	11.7	16.2	13.0	over_exploited	over_exploited	over_exploited		over_exploited					
316	GV	GV-126	Ahmednagar	4717.5	2224.3	0	6941.8	4481.7	2113.0	0	6594.7	66.1	70.6		136.7	0.0	0	0	4310.1	2839.8	7149.8	4376.4	2910.4	7286.5	66.1	70.6	0	136.7	105.5	0.0	0	105.5	97.6	13.7	11.0	critical	over_exploited			over_exploited		over_exploited						
317	GV	GV-127	Ahmednagar	1821.5	733.3	0	2554.8	1730.4	696.6	0	2427.0	57.7	43.4		101.1	0.0	0	0	909.2	857.3	1766.4	966.8	900.7	1867.5	57.7	43.4	0	101.1	763.6	0.0	0	763.6	55.9	9.3	76.9	safe	over_exploited			semi_critical		semi_critical						
318	GV	GV-128	Ahmednagar	3959.9	637.6	0	4597.5	3761.9	605.8	0	4367.7	67.2	38.7		105.9	0.0	0	0	2740.2	918.7	3659.0	2807.4	957.4	3764.8	67.2	38.7	0	105.9	954.5	0.0	0	954.5	74.6	15.8	86.2	semi_critical	over_exploited			semi_critical		semi_critical						
319	GV	GV-129	Ahmednagar	2302.3	2437.4	0	4739.7	2187.2	2315.6	0	4502.7	68.3	140.9		209.2	0.0	0	0	2378.1	3223.1	5601.5	2446.0	3364.0	5810.7	68.3	140.9	0	209.2	0	0.0	0	0.0	11.1	14.5	12.0	over_exploited	over_exploited			over_exploited		over_exploited						
320	GV	GV-13	Nashik	537.1	5083.2	0	5620.4	483.4	482.9	0	5312.5	9.4	56.6		66.0	0.0	0	0	17.3	741.9	759.1	26.7	798.5	825.1	9.4	56.6	0	66.0	456.8	4030.6	0	4487.4	5.5	16.5	15.5	safe	safe			safe		safe						
321	GV	GV-130	Ahmednagar	1227.9	2509.1	0	3737.0	1166.5	2383.6	0	3550.1	42.6	92.9		135.5	0.0	0	0	763.6	818.9	1582.5	806.2	911.8	1718.0	42.6	92.9	0	135.5	360.4	1471.8	0	1832.1	69.3	38.3	48.4	safe	safe			safe		safe						
322	GV	GV-131	Ahmednagar	0	1393.6	0	1393.6	0	1323.9	0	1323.9		58.8		58.8		0	0		1396.2	1396.2		1455.0		0	58.8	0	58.8	0	0.0	0	0.0		10.9	10.9			over_exploited		over_exploited								
323	GV	GV-132	Ahmednagar	0	2081.3	0	2081.3	0	1977.2	0	1977.2		72.5		72.5		0	0		1560.8	1560.8		1633.3		0	72.5	0	72.5	0	343.9	0	343.9	82.6	82.6			semi_critical		semi_critical									
324	GV	GV-134	Ahmednagar	0	2251.8	0	2251.8	0	2139.2	0	2139.2		91.8		91.8		0	0		1159.4	1159.4		1251.2		0	91.8	0	91.8	0	888.0	0	888.0	58.5	58.5			safe		safe		safe							
325	GV	GV-135	Ahmednagar	0	1153.5	0	1153.5	0	1095.8	0	1095.8		62.1		62.1		0	0		634.4	634.4		696.4		0	62.1	0	62.1	0	399.4	0	399.4	63.6	63.6			safe		safe		safe							
326	GV	GV-136	Ahmednagar	0	454.7	0	454.7	0	431.9	0	431.9		31.0		31.0		0	0		268.7	268.7		299.8		0	31.0	0	31.0	0	132.2	0	132.2	69.4	69.4			safe		safe		safe							
327	GV	GV-137	Ahmednagar	2387.0	1017.6	0	3404.6	2267.7	966.7	0	3234.4	52.9	23.0		75.9	0.0	0	0	1984.8	203.1	2187.9	2037.7	226.1	2263.8	52.9	23.0	0	75.9	230.0	740.6	0	970.6	89.9	23.4	70.0	semi_critical	safe			safe		safe						
328	GV	GV-14	Nashik	719.4	2105.0	0	2824.4	683.5	1999.7	0	2683.2	22.8	28.8		51.5	0.0	30.6	30.6	701.3	1573.3	2274.4	723.6	1632.6	2356.5	22.8	28.8	0	51.5	0	367.1	0	367.1	10.5	9														

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit							
												Domestic				Industrial				Irrigation				C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total				
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total													C	NC	PQ	Total
33	9	GV	GV-22 A	Ahmed nagar	0	1007.8	0	1007.8	0	957.4	0	957.4		174.7		174.7		0			1119.0		1119.0		1293.7		1293.7	0	174.7	0	174.7	0	0.0	0	0.0		13.5.1	13.5.1		over_ex	exploited		over_ex	exploited			
34	0	GV	GV-22 A	Nashik	112.2	1765.4	0	1877.6	106.6	1677.1	0	1783.7	4.4	23.1		27.5	0.0	0	35.1	822.6		857.7	39.5	845.7		885.2	4.4	23.1	0	27.5	67.1	831.4	0	898.5	37.0	50.4	49.6	safe	safe		safe		safe				
34	1	GV	GV-23	Nashik	2821.9	3229.9	0	6051.2	2539.4	3068.4	0	5607.6	32.8	77.6		110.4	0.0	30.7	30.7	1218.2	2152.4		3370.4	1251.1	2260.4		3511.5	32.8	77.6	0	110.4	1288.2	808.0	0	2096.1	49.3	73.7	62.6	safe	semi_cri	tical		safe		safe		
34	2	GV	GV-24	Nashik	218.6	543.3	0	761.9	207.7	516.1	0	723.8	3.2	24.6		27.8	0.0	0	0	45.5	755.5		800.9	48.7	780.0		828.7	3.2	24.6	0	27.8	159.0	0.0	0	159.0	23.4	15.1.1	11.4.5	safe	over_ex	exploited		over_ex	exploited		semi_cri	tical
34	3	GV	GV-25	Nashik	994.5	2119.6	0	3114.1	895.1	2013.6	0	2908.7	24.6	41.3		66.0	0.0	0.3	0.3	80.9	2083.1		2164.0	105.5	2124.7		2230.3	24.6	41.3	0	66.0	789.5	0.0	0	789.5	11.8	10.5.5	76.7	safe	over_ex	exploited		semi_cri	tical			
34	4	GV	GV-25 B	Ahmed nagar	0	300.7	0	300.7	0	285.6	0	285.6		14.7		14.7		0	0		183.2		183.2		198.0		198.0	0	14.8	0	14.8	0	87.7	0	87.7		69.3	76.9		safe	safe		safe				
34	5	GV	GV-26 A	Nashik	719.9	3679.5	0	4399.4	683.9	3495.5	0	4179.5	34.3	29.1		63.4	0.0	2.8	2.8	424.7	3113.3		3538.3	459.0	3145.6		3604.6	34.3	29.1	0	63.4	224.9	350.0	0	574.9	67.1	90.0	86.2	safe	semi_cri	tical		semi_cri	tical			
34	6	GV	GV-26 A	Nashik	736.3	1931.2	0	2667.5	699.5	1738.1	0	2437.5	18.7	62.5		81.2	13.3	0	13.3	390.9	2249.9		2640.6	422.4	2312.4		2735.1	18.7	62.5	0	81.2	276.7	0.0	0	276.7	60.4	13.3.0	11.2.2	safe	over_ex	exploited		over_ex	exploited		safe	
34	7	GV	GV-26 B	Ahmed nagar	268.3	72.6	0	340.9	254.9	69.0	0	323.9	22.6	13.6		36.2	0.0	0	0	136.2	83.2		219.4	158.9	96.7		255.6	22.6	13.6	0	36.2	96.0	0.0	0	96.0	62.3	14.0.3	78.9	safe	over_ex	exploited		semi_cri	tical			
34	8	GV	GV-27	Nashik	689.2	939.1	0	1628.3	654.7	892.2	0	1546.8	25.1	13.4		38.5	0.0	0	0	798.3	1114.6		1913.0	823.4	1128.0		1951.4	25.1	13.4	0	38.5	0	0.0	0	0.0	12.5.8	12.6.4	12.6.2	over_ex	exploited		over_ex	exploited		over_ex	exploited	
34	9	GV	GV-28 A	Nashik	378.6	1391.2	0	1769.8	359.6	1321.7	0	1681.3	5.3	22.9		28.1	0.0	0.3	0.3	154.3	1371.7		1526.0	159.9	1394.9		1554.4	5.3	22.9	0	28.1	200.1	0.0	0	200.1	44.0	10.5.5	92.5	safe	over_ex	exploited		critical		critical		
35	0	GV	GV-28 B	Ahmed nagar	1368.3	577.8	0	1946.1	1299.9	548.9	0	1848.8	32.5	67.0		99.5	0.0	0	0	630.3	805.8		1436.1	662.8	872.8		1535.6	32.6	67.0	0	99.5	637.1	0.0	0	637.1	51.0	15.9.0	83.1	safe	over_ex	exploited		semi_cri	tical			
35	1	GV	GV-29 A	Nashik	102.0	1189.0	0	1291.0	96.9	1129.6	0	1226.5	0.0	10.8		10.8	0.0	0.4	0.4	7.2	1297.1		1304.3	7.2	1308.3		1315.5	0	10.8	0	10.8	89.7	0.0	0	89.7	7.4	11.5.8	10.7.3	safe	over_ex	exploited		over_ex	exploited		safe	
35	2	GV	GV-29 B	Ahmed nagar	1077.4	1922.8	0	3000.2	1023.5	1826.7	0	2850.2	52.0	49.1		101.1	0.0	0	0	941.6	878.4		1820.1	993.7	927.5		1921.2	52.0	49.1	0	101.1	29.9	899.2	0	929.1	97.1	50.8	67.4	critical	safe		safe		safe			
35	3	GV	GV-3	Nashik	1540.8	1205.4	0	2746.2	1463.8	1084.8	0	2548.6	26.1	15.3		41.5	0.0	0.2	0.2	1320.5	366.0		1686.5	1346.6	381.5		1728.1	26.1	15.3	0	41.5	117.2	703.3	0	820.5	92.0	35.2	67.8	critical	safe		safe		safe			
35	4	GV	GV-30	Nashik	963.0	2728.0	0	3691.0	914.8	2591.6	0	3506.4	40.7	43.8		84.5	0.0	1.1	1.1	734.5	1690.4		2425.4	775.2	1735.9		2511.1	40.7	43.8	0	84.5	139.6	855.8	0	995.4	84.0	67.0	71.6	semi_cri	tical	safe		semi_cri	tical			
35	5	GV	GV-31 A	Nashik	886.3	3157.2	0	4043.5	842.0	2999.3	0	3841.3	29.7	54.6		84.3	0.0	2.5	2.5	584.4	2820.4		3404.7	614.0	2897.5		3511.5	29.7	54.6	0	84.3	228.0	101.8	0	329.8	72.9	96.6	91.4	critical	critical		critical		critical			
35	6	GV	GV-31 B	Ahmed nagar	1359.5	823.0	0	2182.5	1291.5	781.8	0	2073.4	54.9	24.6		79.6	0.0	0	0	1637.5	875.6		2513.1	1692.4	900.3		2592.7	54.9	24.6	0	79.6	0	0.0	0	0.0	13.1.0	11.5.1	12.5.0	over_ex	exploited		over_ex	exploited		over_ex	exploited	
35	7	GV	GV-32 A	Nashik	1369.0	1772.0	0	3141.0	1300.4	1683.4	0	2984.0	9.8	32.3		42.0	0.0	1.7	1.7	308.3	1820.4		2128.7	318.1	1854.4		2172.4	9.8	32.3	0	42.0	982.5	0.0	0	982.5	24.5	11.0.2	72.8	safe	over_ex	exploited		semi_cri	tical			
35	8	GV	GV-32 B	Ahmed nagar	1246.8	701.3	0	1948.1	1184.5	666.2	0	1850.7	39.8	151.8		191.6	0.0	0	0	1104.8	480.9		1585.7	1144.6	632.7		1777.3	39.8	151.8	0	191.6	39.9	33.5	0	73.4	96.0	95.0	96.0	critical	critical		critical		critical			
35	9	GV	GV-33	Aurang abad	1528.4	1575.3	0	3103.7	1452.0	1496.5	0	2948.5	47.2	102.4		149.6	0.0	0	0	1055.8	913.4		1969.2	1102.9	1015.9		2118.8	47.2	102.4	0	149.6	349.1	480.7	0	829.7	76.9	67.9	71.9	semi_cri	tical	safe		semi_cri	tical			
36	0	GV	GV-33 A	Nashik	149.6	746.5	0	896.1	134.6	709.2	0	843.8	0.0	16.7		16.7	0.0	0	0	15.5	502.1		517.6	15.5	518.8		534.3	0	16.7	0	16.7	119.1	190.4	0	309.5	11.5	73.3	63.3	safe	semi_cri	tical		safe		safe		
36	1	GV	GV-33 A	Ahmed nagar	173.4	192.9	0	366.3	156.1	183.3	0	339.3	23.2	4.6		27.7	0.0	0	0	64.4	66.6		131.0	87.5	71.2		158.7	23.2	4.6	0	27.7	68.5	112.1	0	180.6	56.1	38.8	46.8	safe	safe		safe		safe			
36	2	GV	GV-34 A	Nashik	2.2	613.1	0	615.3	2.0	582.5	0	584.5		18.1		18.1		0.8	0.8		482.0		482.0		501.0		501.0	0	18.1	0	18.1	2.0	81.5	0	83.5	86.0	85.7		semi_cri	tical	safe		semi_cri	tical			
36	3	GV	GV-34 B	Aurang abad	756.6	4285.1	0	5041.7	718.8	4070.9	0	4789.7	26.9	115.8		142.7	0.0	0	0	555.8	2642.8		3198.2	582.3	2758.5		3340.8	26.9	115.8	0	142.7	136.5	1312.4	0	1448.8	81.0	67.0	69.8	semi_cri	tical	safe		safe		safe		
36	4	GV	GV-35	Aurang abad	683.7	4003.7	0	4687.5	649.6	3803.6	0	4453.1	21.4	56.0		77.4	0.0	0	0	463.3	2595.8		3059.8	484.7	2651.7		3136.5	21.4	56.0	0	77.4	164.8	1151.8	0	1316.6	74.6	69.6	70.4	semi_cri	tical	safe		semi_cri	tical			

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
37	7	GV	GV-45	Aurangabad	184.2	1405.5	0	1589.7	175.0	1335.2	0	1510.2	7.6	37.7		45.3	0.0	0	0	108.8	800.6		909.4	116.4	838.3		954.7	7.6	37.7	0	45.3	58.6	496.9	0	555.5	66.5	62.8	63.2	safe	safe		safe	
37	8	GV	GV-46	Aurangabad	260.2	2437.9	0	2698.2	247.0	2316.0	0	2563.2	39.0	112.8		151.8	0.0	0	0	181.6	1529.0		1710.6	220.6	1641.9		1862.5	39.0	112.9	0	151.8	26.6	674.2	0	700.8	89.2	70.9	72.7	semi_critical	semi_critical		semi_critical	
37	9	GV	GV-47	Aurangabad	4.2	2625.8	0	2630.0	3.8	2494.5	0	2498.3		108.9		108.9		0	0	1393.6	1393.6		1393.6		1502.5		1502.5	0	108.9	0	108.9	3.8	992.0	0	995.8		60.2	60.1		safe			safe
38	0	GV	GV-48	Aurangabad	2248.0	10.6	0	2258.7	2135.6	9.6	0	2145.2	62.6			62.6	0.0		0	1034.3			1034.3	1096.9				1096.9	62.6	0.0	0	62.6	1038.7	9.6	0	952.6	51.4	53.8	51.1	safe			safe
38	1	GV	GV-49	Aurangabad	244.9	1955.5	0	2200.4	232.7	1857.8	0	2090.4	7.2	202.9		210.1	0.0	0	0	131.2	796.5		927.7	138.4		999.3		1137.8	7.2	202.9	0	210.1	94.2	858.4	0	952.6	59.5	53.8	54.4	safe	safe		safe
38	2	GV	GV-5	Nashik	3518.0	1664.2	0	5182.2	3166.2	1581.0	0	4747.2	11.3	38.7		50.1	0.0	4.2	4.2	73.3	456.6		529.9	84.6	499.5		584.1	11.3	38.7	0	50.1	3081.6	1081.5	0	4163.1	2.7	31.6	12.3	safe	safe		safe	
38	3	GV	GV-50	Aurangabad	1422.1	2099.4	0	3521.6	1351.0	1994.5	0	3345.5	9.6	57.3		66.9	0.0	0	0	758.8	955.2		1714.0	1768.4	1012.5		1780.9	9.6	57.3	0	66.9	582.6	982.0	0	1564.6	56.8	50.8	53.2	safe	safe		safe	
38	4	GV	GV-51	Aurangabad	1987.4	3256.1	0	5243.0	1888.0	3093.3	0	4981.3	31.0	106.0		137.0	0.0	0	0	1249.1	1829.0		3078.2	1280.1	1935.0		3215.2	31.0	106.0	0	137.0	607.9	1158.2	0	1766.1	67.6	62.6	64.5	safe	safe		safe	
38	5	GV	GV-52	Aurangabad	1006.5	1193.1	0	2199.6	956.2	1133.4	0	2089.6	21.7	39.9		61.6	0.0	0	0	602.0	535.1		1137.1	623.8	575.0		1198.8	21.7	39.9	0	61.6	332.5	558.4	0	890.9	65.2	50.7	57.4	safe	safe		safe	
38	6	GV	GV-52 A	Aurangabad	246.0	579.3	0	825.3	233.7	550.3	0	784.0	11.5	12.5		24.0	0.0	0	0	115.0	281.9		396.9	126.5	294.4		420.9	11.5	12.5	0	24.0	107.2	256.0	0	363.1	54.1	53.5	53.7	safe	safe		safe	
38	7	GV	GV-53	Aurangabad	2379.5	2003.4	0	4382.9	2260.5	1903.2	0	4163.7	28.3	66.8		95.0	0.0	0	0	1896.5	1422.9		3319.5	1924.8	1489.7		3414.5	28.3	66.8	0	95.0	335.7	413.6	0	749.2	85.2	78.3	82.0	semi_critical	semi_critical		semi_critical	
38	8	GV	GV-54	Jalna	1876.4	1646.3	0	3522.7	1782.6	1564.0	0	3346.6	21.7	25.1		46.8	0.0	0.5	0.5	180.7	856.4		1037.2	202.4	882.0		1084.4	70.0	303.1	0	373.2	1531.8	404.0	0	1935.8	11.4	56.4	32.4	safe	safe		safe	
38	9	GV	GV-54	Aurangabad	0	527.2	0	527.2	0	500.8	0	500.8		18.9		18.9		0	0		293.5		293.5		312.4		312.4	0	18.9	0	18.9	0	188.5	0	188.5		62.4	62.4		safe			safe
39	0	GV	GV-55	Jalna	1747.1	978.8	0	2725.8	1659.7	929.8	0	2589.5	21.7	23.2		44.9	7.6	0.3	7.9	321.3	435.6		756.9	350.6	459.2		809.7	117.3	61.7	0	179.0	1213.6	432.2	0	1645.8	21.1	49.4	31.3	safe	safe		safe	
39	1	GV	GV-55	Aurangabad	926.3	951.3	0	1877.6	880.0	903.8	0	1783.7	10.9	7.3		18.1	0.0	0	0	555.4	492.0		1047.4	566.3	499.3		1065.6	10.9	7.3	0	18.2	313.7	404.5	0	718.2	64.4	55.2	59.7	safe	safe		safe	
39	2	GV	GV-56	Beed	608.0	967.9	0	1575.9	577.6	919.5	0	1497.1	26.1	38.4		64.6	0.0	0	0	389.3	711.8		1101.0	415.4	750.2		1165.6	26.1	38.5	0	64.6	162.2	169.3	0	331.5	71.6	81.6	77.9	semi_critical	semi_critical		semi_critical	
39	3	GV	GV-56	Ahmednagar	163.2	1062.2	0	1225.4	155.0	1009.1	0	1164.1	6.4	37.8		44.2	0.0	0	0	167.4	654.5		821.9	173.8	692.3		866.1	6.4	37.8	0	44.2	0	316.8	0	316.8	11.2	68.6	74.4	over_exploited	safe		semi_critical	
39	4	GV	GV-57	Ahmednagar	370.9	847.8	0	1218.3	352.3	805.4	0	1157.7	9.3	65.3		74.6	0.0	0	0	109.1	573.2		682.3	118.4	638.5		756.9	9.3	65.3	0	74.6	233.9	166.9	0	400.8	33.6	79.3	65.4	safe	semi_critical		safe	
39	5	GV	GV-57 A	Beed	0	587.1	0	587.1	0	557.8	0	557.8		27.5		27.5		0	0		261.1		261.1		288.7		288.7	0	27.5	0	27.5	0	269.1	0	269.1		51.8	51.8		safe			safe
39	6	GV	GV-58	Ahmednagar	0	535.7	0	535.7	0	508.9	0	508.9		34.9		34.9		0	0		267.8		267.8		302.7		302.7	0	34.9	0	34.9	0	206.2	0	206.2		59.5	59.5		safe			safe
39	7	GV	GV-58	Beed	1023.1	1904.0	0	2927.1	972.0	1713.6	0	2685.6	37.5	99.3		136.7	0.0	0	0	326.7	788.4		1115.1	364.1	887.7		1251.8	37.5	99.3	0	136.7	607.8	826.0	0	1433.8	37.5	51.8	46.6	safe	safe		safe	
39	8	GV	GV-59	Beed	0	1910.5	0	1910.5	0	1815.0	0	1815.0		85.8		85.8		0	0		1156.1		1156.1		1241.9		1241.9	0	85.8	0	85.8	0	573.1	0	573.1		68.4	68.4		safe			safe
39	9	GV	GV-6	Nashik	741.2	1688.8	0	2430.0	667.1	1604.4	0	2271.5	16.1	42.2		58.3	0.0	0	0	28.6	1399.6		1428.2	44.8	1441.8		1486.5	16.1	42.2	0	58.3	622.3	162.6	0	784.9	6.7	89.9	65.4	safe	semi_critical		safe	
40	0	GV	GV-60	Jalna	800.5	1514.1	0	2314.7	760.4	1438.0	0	2198.9	10.0	17.5		27.5	0.0	0	0	280.3	669.5		949.8	290.3	687.0		977.3	28.5	107.9	0	136.4	451.7	661.0	0	1112.8	38.2	47.8	44.4	safe	safe		safe	
40	1	GV	GV-60 A	Beed	0	989.6	0	989.6	0	940.1	0	940.1		30.2		30.2		0	0		294.0		294.0		324.2		324.2	0	30.2	0	30.2	0	615.9	0	615.9		34.5	34.5		safe			safe
40	2	GV	GV-61	Beed	1313.0	3200.0	0	4513.0	1247.4	3040.0	0	4287.3	32.1	117.1		149.2	0.0	0	0	440.3	1975.1		2415.4	472.2	2092.2		2564.6	32.1	117.1	0	149.2	775.0	947.8	0	1722.8	37.9	68.8	59.8	safe	safe		safe	
40	3	GV	GV-62	Beed	0	2813.5	0	2813.5	0	2672.8	0	2672.8		145.9		145.9		0	0		1882.1		1882.1		2027.9		2027.9	0	145.9	0	145.9	0	644.9	0	644.9		75.9	75.9		semi_critical			semi_critical
40	4	GV	GV-63	Beed	0	2111.6	0	2111.6	0	2006.0	0	2006.0		95.1		95.1		0	0		1434.1		1434.1		1529.3		1529.3	0	95.2	0	95.2	0	476.7	0	476.7		76.2	76.2		semi_critical			semi_critical
40	5	GV	GV-63	Jalna	3095.1	3450.9	0	6546.0	2940.3	3278.0.																																	

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total												
415	GV	GV-71 A	Jalna	372.7	863.7	0	1236.4	354.1	820.5	0	1174.6	13.1	5.0		18.2	0.0	0.2		0.2	88.3	359.3		447.6	101.5	364.5		466.0	55.7	22.6	0	78.3	210.1	438.4	0	648.5	28.7	44.4	39.7	safe	safe		safe	
416	GV	GV-71 B	Parbhani	147.5	907.6	0	1055.1	140.1	862.2	0	1002.3	9.5	39.8		49.3	0.0	0		0	33.4	514.0		547.5	42.9	553.8		596.7	9.5	39.8	0	49.3	97.2	308.4	0	405.6	30.6	64.2	59.5	safe	safe		safe	
417	GV	GV-72	Beed	1834.7	1106.2	0	2940.9	1743.0	1050.8	0	2793.8	37.0	45.9		83.0	0.0	0.2		0.2	373.4	684.3		1057.7	410.4	730.4		1140.8	37.0	45.9	0	83.0	1332.6	320.4	0	1653.0	23.5	69.5	40.8	safe	safe		safe	
418	GV	GV-73	Beed	263.8	2712.2	0	2976.0	250.6	2576.6	0	2827.2	6.2	87.9		94.1	0.0	0		0	132.6	1502.4		1635.0	138.8	1590.4		1729.2	6.2	88.0	0	94.1	111.8	986.2	0	1098.0	55.4	61.6	61.2	safe	safe		safe	
419	GV	GV-74	Parbhani	3740.3	935.6	0	4675.9	3553.3	888.8	0	4442.1	82.0	15.1		97.1	0.0	0		0	1796.4	367.3		2163.7	1878.4	382.4		2260.9	82.0	15.1	0	97.1	1674.9	506.4	0	2181.2	52.9	43.0	50.9	safe	safe		safe	
420	GV	GV-75	Beed	978.3	710.8	0	1689.1	929.4	675.3	0	1604.6	14.6	23.1		37.7	0.0	0		0	630.5	438.6		1069.1	645.1	461.7		1106.8	14.6	23.2	0	37.7	284.3	213.5	0	497.8	69.4	68.4	69.0	safe	safe		safe	
421	GV	GV-76	Beed	0	2239.3	0	2239.3	0	2127.3	0	2127.3		143.4		143.4		0.7		0.7	1044.4	1044.4		1188.5	1188.5			0	143.4	0	143.4	0	938.8	0	938.8		55.9	55.9		safe	safe		safe	
422	GV	GV-77	Beed	427.0	2939.0	0	3366.0	405.6	2792.1	0	3197.7	6.5	162.5		169.0	0.0	0		0	177.1	1768.1		1945.2	183.6	1930.7		2114.2	6.5	162.5	0	169.0	222.1	861.4	0	1083.5	45.2	69.1	66.1	safe	safe		safe	
423	GV	GV-78	Beed	10.3	3331.5	0	3341.9	9.3	3165.0	0	3174.2		141.3		141.3		0		0	1271.7	1271.7		1413.0	1413.0			0	141.3	0	141.3	9.3	1751.9	0	1761.2		44.6	44.5		safe	safe		safe	
424	GV	GV-79	Parbhani	5028.1	1213.8	0	6241.9	4776.7	1153.1	0	5929.8	87.3	39.7		127.1	0.0	0		0	2308.6	387.9		2696.5	2396.0	427.6		2823.6	87.3	39.7	0	127.1	2380.7	725.5	0	3106.2	50.2	37.1	47.6	safe	safe		safe	
425	GV	GV-8	Nashik	2916.3	0.0	0	2916.3	2770.5	0.0	0	2770.5	28.6			28.6	0.3			0.3	1120.1			1120.1	1149.0			1149.0	28.6	0.0	0	28.6	1621.5	0.0	0	1621.5	41.5		41.5	safe			safe	
426	GV	GV-8	Nashik	1376.7	1.6	0	1378.3	1239.0	1.4	0	1240.5	15.3			15.3	0.0			0	490.8			490.8	506.2			506.2	15.3	0.0	0	15.3	732.9	1.4	0	734.3	40.9		40.8	safe			safe	
427	GV	GV-80	Beed	512.1	1341.5	0	1853.6	486.5	1274.4	0	1760.9	19.3	46.2		65.5	0.0	0		0	253.7	771.4		1025.2	273.1	817.6		1090.7	19.3	46.2	0	65.5	213.4	456.8	0	670.2	56.1	64.2	61.9	safe	safe		safe	
428	GV	GV-81	Beed	435.6	2418.9	0	2854.5	413.9	2298.0	0	2711.8	23.4	69.6		93.0	0.0	0.2		0.2	81.4	1191.8		1273.2	104.5	1261.5		1366.3	23.4	69.6	0	93.0	309.0	1036.5	0	1345.5	25.3	54.9	50.4	safe	safe		safe	
429	GV	GV-82	Parbhani	1760.6	825.0	0	2585.6	1672.6	783.7	0	2456.3	64.8	20.5		85.3	0.0	0		0	917.7	394.7		1312.4	982.5	415.2		1397.7	64.8	20.5	0	85.3	690.1	368.6	0	1058.7	58.7	53.0	56.9	safe	safe		safe	
430	GV	GV-83	Parbhani	41.6	2214.1	0	2255.6	37.4	2103.4	0	2140.8		72.5		72.5		0		0		960.9		960.9		1033.4		1033.4	0	72.5	0	72.5	37.4	1070.0	0	1107.4		49.1	48.3		safe	safe		safe
431	GV	GV-84	Beed	838.0	1195.3	0	2033.4	754.2	1075.8	0	1830.1	19.5	58.2		77.7	18.4	0		18.4	60.3	478.3		538.6	98.1	536.5		634.7	19.5	58.2	0	77.7	656.1	539.3	0	1195.4	13.0	49.9	34.7	safe	safe		safe	
432	GV	GV-85	Beed	2055.7	391.5	0	2447.2	1953.0	371.9	0	2324.9	49.8	38.6		88.5	0.0	0		0	1618.6	272.1		1890.7	1668.4	310.7		1979.1	49.8	38.6	0	88.5	284.5	61.2	0	345.8	85.4	83.5	85.1	semi_cri	semi_cri		semi_cri	
433	GV	GV-86	Beed	1547.8	1978.6	0	3526.3	1470.7	1879.7	0	3350.0	26.2	61.7		87.9	0.0	0		0	222.8	1163.3		1386.0	249.0	1225.0		1474.0	26.2	61.7	0	88.0	1221.4	654.6	0	1876.9	16.2	65.2	44.0	safe	safe		safe	
434	GV	GV-87	Beed	0	2224.0	0	2224.0	0	2112.8	0	2112.8		46.4		46.4		0.2		0.2	1262.0	1262.0		1308.6				1308.6	0	46.4	0	46.4	0	804.2	0	804.2		61.9	61.9		safe	safe		safe
435	GV	GV-88	Parbhani	4563.7	171.1	0	4734.8	4335.5	162.6	0	4498.0	67.5	14.2		81.7	0.0	0		0	1758.5	84.0		1842.5	1826.0	98.2		1924.2	67.5	14.2	0	81.7	2509.5	64.4	0	2573.9	42.1	60.4	42.8	safe	safe		safe	
436	GV	GV-89	Parbhani	179.4	1065.0	0	1244.5	170.5	1011.8	0	1182.2	11.5	29.5		40.9	0.0	0		0	76.0	575.7		651.8	87.5	605.2		692.7	11.5	29.5	0	40.9	83.0	406.6	0	489.6	51.3	59.8	58.6	safe	safe		safe	
437	GV	GV-9	Nashik	1285.0	655.1	0	1940.1	1156.5	622.4	0	1778.8	13.1	20.2		33.3	0.0	0		0	12.5	539.7		552.2	25.6	559.9		585.5	13.1	20.2	0	33.3	1130.9	62.5	0	1193.4	2.2	90.0	32.9	safe	semi_cri		safe	
438	GV	GV-90 A	Parbhani	1397.1	352.6	0	1749.7	1327.2	335.0	0	1662.2	15.3	51.9		67.2	0.0	0		0	739.1	172.2		911.3	754.4	224.1		978.5	15.3	51.9	0	67.2	572.9	110.8	0	683.7	56.8	66.9	58.9	safe	safe		safe	
439	GV	GV-90 B	Beed	0	1599.0	0	1599.0	0	1519.1	0	1519.1		77.0		77.0		0.2		0.2		931.8		931.8		1008.9		1008.9	0	77.0	0	77.0	0	510.1	0	510.1		66.4	66.4		safe	safe		safe
440	GV	GV-91	Beed	925.1	2394.9	0	3320.0	878.9	2275.1	0	3154.0	45.6	25.8		71.4	0.0	0.4		0.4	325.1	1080.1		1405.3	370.7	1106.4		1477.1	45.6	25.9	0	71.4	508.2	1168.8	0	1676.9	42.2	48.6	46.8	safe	safe		safe	
441	GV	GV-92	Hingoli	4518.7	2066.5	0	6585.1	4292.8	1963.1	0	6255.9	79.3	145.0		224.3	0.0	0		0	2893.8	884.8		3778.6	2973.0	1029.9		4002.9	79.3	145.0	0	224.3	1319.7	933.3	0	2253.0	69.3	52.5	64.0	safe	safe		safe	
442	GV	GV-92 B	Nanded	83.8	57.5	0	141.3	79.6	54.7	0	134.2	5.9	15.7		21.5	0.0	0		0	41.9	10.8		52.7	47.7	26.5		74.3	5.9	15.7	0	21.5	31.											

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit						
				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total			
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																					C	NC	PQ
453	GV	GV-97 C	Latur	0	157.9	0	157.9	0	150.0	0	150.0		22.9		22.9	0		0		0		107.6		107.6			130.5		130.5	0	22.9	0	22.9	0	19.5	0	19.5		87.0	87.0				semi critical		semi critical
454	GV	GV-98	Beed	4868.8	1848.3	0	6717.1	4625.4	1755.9	0	6381.3	55.5	82.6		138.1	0.0	0.4	0.4		622.1	926.0		1548.1	677.6	1009.0		1686.6	55.5	82.6	0	138.1	3947.8	746.9	0	4694.7	14.6	57.5	26.4		safe	safe		safe			
455	GV	GV-99	Beed	1963.3	3182.4	0	5145.7	1865.1	3023.3	0	4888.4	37.9	148.2		186.1	2.2	2.2	4.3		388.8	1796.8		2185.6	428.9	1947.1		2376.0	37.9	148.2	0	186.1	1436.2	1076.2	0	2512.4	23.0	64.4	48.6		safe	safe		safe			
456	I	I-1	Gadchiroli	0	484.8	0	484.8	0	436.3	0	436.3		31.1		31.1	0	0	0			21.3		21.3		52.4		52.4	0	31.1	0	31.1	0	383.9	0	383.9		12.0	12.0				safe		safe		
457	I	I-2	Gadchiroli	0	386.9	0	386.9	0	348.2	0	348.2		10.4		10.4	0	0	0			13.8		13.8		24.2		24.2	0	10.4	0	10.4	0	324.0	0	324.0		6.9	6.9				safe		safe		
458	I	I-3	Gadchiroli	0	28.9	0	28.9	0	26.0	0	26.0		3.4		3.4	0	0	0			12.4		12.4		15.8		15.8	0	3.4	0	3.4	0	10.2	0	10.2		60.9	60.9				safe		safe		
459	I	I-4	Gadchiroli	0	1253.8	0	1253.8	0	1191.1	0	1191.1		62.4		62.4	0	0	0			18.7		18.7		81.2		81.2	0	62.4	0	62.4	0	1110.0	0	1110.0		6.8	6.8				safe		safe		
460	I	I-5	Gadchiroli	0	247.1	0	247.1	0	234.7	0	234.7		6.9		6.9	0	0	0			18.7		18.7		25.6		25.6	0	6.9	0	6.9	0	209.1	0	209.1		10.9	10.9				safe		safe		
461	I	I-6	Gadchiroli	0	837.7	0	837.7	0	753.9	0	753.9		14.7		14.7	0	0	0			22.4		22.4		37.1		37.1	0	14.7	0	14.7	0	716.8	0	716.8		4.9	4.9				safe		safe		
462	IB	IB-1	Gadchiroli	0	1240.6	0	1240.6	0	1116.5	0	1116.5		12.7		12.7	0	0	0			37.4		37.4		50.2		50.2	0	12.7	0	12.7	0	1066.4	0	1066.4		4.5	4.5				safe		safe		
463	IB	IB-2	Gadchiroli	0	1562.2	0	1562.2	0	1484.1	0	1484.1		59.5		59.5	0	0	0			131.0		131.0		190.5		190.5	0	59.5	0	59.5	0	1293.6	0	1293.6		12.8	12.8				safe		safe		
464	IB	IB-3	Gadchiroli	0	282.3	0	282.3	0	268.1	0	268.1		23.7		23.7	0	0	0			69.2		69.2		92.9		92.9	0	23.7	0	23.7	0	175.2	0	175.2		34.7	34.7				safe		safe		
465	IB	IB-4	Gadchiroli	0	435.5	0	435.5	0	413.8	0	413.8		7.5		7.5	0	0	0			46.9		46.9		54.4		54.4	0	7.6	0	7.6	0	359.3	0	359.3		13.2	13.2				safe		safe		
466	IB	IB-5	Gadchiroli	0	1535.2	0	1535.2	0	1458.5	0	1458.5		55.4		55.4	0	0	0			196.0		196.0		251.4		251.4	0	55.4	0	55.4	0	1207.1	0	1207.1		17.2	17.2				safe		safe		
467	IBA	IBA-0	Gadchiroli	0	1178.7	0	1178.7	0	1119.8	0	1119.8		47.6		47.6	0	0	0			285.4		285.4		333.0		333.0	0	47.6	0	47.6	0	786.8	0	786.8		29.7	29.7				safe		safe		
468	IBAD	IBAD-0	Gadchiroli	0	1287.1	0	1287.1	0	1222.8	0	1222.8		68.2		68.2	0	0	0			232.2		232.2		300.4		300.4	0	68.2	0	68.2	0	922.4	0	922.4		24.6	24.6				safe		safe		
469	IBJ	IBJ-0	Gadchiroli	0	1196.2	0	1196.2	0	1136.4	0	1136.4		41.1		41.1	0	0	0			133.1		133.1		174.2		174.2	0	41.1	0	41.1	0	962.2	0	962.2		15.3	15.3				safe		safe		
470	IBJ	IBJ-1	Gadchiroli	0	715.3	0	715.3	0	679.6	0	679.6		24.8		24.8	0	0	0			95.9		95.9		120.7		120.7	0	24.8	0	24.8	0	558.9	0	558.9		17.8	17.8				safe		safe		
471	IBJ	IBJ-2	Gadchiroli	0	1337.9	0	1337.9	0	1271.0	0	1271.0		26.7		26.7	0	0	0			82.4		82.4		109.1		109.1	0	26.7	0	26.7	0	1161.9	0	1161.9		8.6	8.6				safe		safe		
472	IBK	IBK-0	Gadchiroli	0	795.7	0	795.7	0	755.9	0	755.9		32.0		32.0	0	0	0			133.5		133.5		165.5		165.5	0	32.0	0	32.0	0	590.4	0	590.4		21.9	21.9				safe		safe		
473	IBP	IBP-0	Gadchiroli	0	804.2	0	804.2	0	764.0	0	764.0		58.2		58.2	0	0	0			156.8		156.8		215.0		215.0	0	58.2	0	58.2	0	549.0	0	549.0		28.1	28.1				safe		safe		
474	IBP	IBP-1	Gadchiroli	0	990.1	0	990.1	0	940.6	0	940.6		18.4		18.4	0	0	0			66.0		66.0		84.5		84.5	0	18.4	0	18.4	0	856.1	0	856.1		9.0	9.0				safe		safe		
475	IBP	IBP-2	Gadchiroli	0	1327.4	0	1327.4	0	1261.1	0	1261.1		119.3		119.3	0	0	0			170.2		170.2		289.5		289.5	0	119.3	0	119.3	0	971.6	0	971.6		23.0	23.0				safe		safe		
476	IBPO	IBPO-0	Gadchiroli	0	771.2	0	771.2	0	732.6	0	732.6		25.2		25.2	0	0	0			122.9		122.9		148.1		148.1	0	25.2	0	25.2	0	584.5	0	584.5		20.2	20.2				safe		safe		
477	IP	IP-1	Gadchiroli	0	658.7	0	658.7	0	625.7	0	625.7		21.0		21.0	0	0	0			53.8		53.8		74.8		74.8	0	21.0	0	21.0	0	551.0	0	551.0		11.9	11.9				safe		safe		
478	IP	IP-2	Gadchiroli	0	1204.0	0	1204.0	0	1143.8	0	1143.8		10.8		10.8	0	0	0			53.3		53.3		64.1		64.1	0	10.8	0	10.8	0	1079.7	0	1079.7		5.6	5.6				safe		safe		
479	IP	IP-3	Gadchiroli	0	262.7	0	262.7	0	236.4	0	236.4		5.5		5.5	0	0	0			4.9		4.9		10.4		10.4	0	5.5	0	5.5	0	225.9	0	225.9		4.4	4.4				safe		safe		
480	IP	IP-4	Gadchiroli	0	157.5	0	157.5	0	141.8	0	141.8		14.2		14.2	0	0	0			41.4		41.4		55.6		55.6	0	14.2	0	14.2	0	86.2	0	86.2		39.2	39.2				safe		safe		
481	IPN	IPN-0	Gadchiroli	0	60.5	0	60.5	0	54.5	0	54.5		5.1		5.1	0	0	0			25.2		25.2		30.3		30.3	0	5.1	0	5.1	0	24.1	0	24.1		55.7	55.7				safe		safe		
482	IPNL	IPNL-0	Gadchiroli	0	738.3	0	738.3	0	664.5	0	664.5		20.6		20.6	0	0	0			81.8		81.8		102.4		102.4	0	20.6	0	20.6	0	562.1	0	562.1		15.4	15.4				safe		safe		
483	IPNR	IPNR-0	Gadchiroli	0	16.6	0	16.6	0	14.9	0	14.9		3.0		3.0	0	0	0			6.7		6.7		9.6		9.6	0	3.0	0	3.0	0	5.3	0	5.3		64.6	64.6				safe		safe		

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total		
491	KR	KR-13	Satara	2604.8	923.3	0	3528.1	2474.5	877.2	0	3351.7	113.4	50.6		164.0	0.0	0		0	828.8	327.5		1156.3	942.3	378.0		1320.3	113.4	50.6	0	164.0	1532.3	499.1	0	2031.4	38.1	43.1		39.4	safe	safe		safe		
492	KR	KR-14	Satara	508.1	6473.1	0	6981.1	457.3	6149.4	0	6606.7		232.1		232.1		0		0	3017.4	3017.4		3017.4		3249.5		3249.5	0	232.1	0	232.1	457.3	2899.9	0	3357.2		52.8		49.2		safe			safe	
493	KR	KR-15	Satara	0	178.6	0	178.6	0	169.7	0	169.7		33.6		33.6		0		0	44.5			44.5		78.2		78.2	0	33.6	0	33.6	0	91.5	0	91.5		46.1		46.1		safe			safe	
494	KR	KR-16	Satara	0	1466.5	0	1466.5	0	1393.1	0	1393.1		10.8		10.8		0		0	0.0			0		10.8		10.8	0	10.8	0	10.8	0	1382.4	0	1382.4		0.8		0.8		safe			safe	
495	KR	KR-17	Satara	0	455.8	0	455.8	0	433.0	0	433.0		47.0		47.0		0		0	134.5			134.5		181.4		181.4	0	47.0	0	47.0	0	251.6	0	251.6		41.9		41.9		safe			safe	
496	KR	KR-18	Satara	0	331.5	0	331.5	0	315.0	0	315.0		27.5		27.5		0		0	166.5			166.5		193.9		193.9	0	27.5	0	27.5	0	121.0	0	121.0		61.6		61.6		safe			safe	
497	KR	KR-19	Satara	0	1009.4	0	1009.4	0	958.9	0	958.9		66.0		66.0		0		0	600.0			600.0		666.0		666.0	0	66.0	0	66.0	0	292.9	0	292.9		69.5		69.5		safe			safe	
498	KR	KR-2	Satara	1371.4	405.7	0	1777.2	1234.3	385.5	0	1619.7	39.7	73.6		113.4	0.0	0		851.9	300.8		1152.7	891.6	374.4		1266.0	39.8	73.6	0	113.4	342.7	11.0	0	353.7	72.2	97.1		78.2	semi_cri	critical		semi_cri			
499	KR	KR-20	Satara	0	2862.9	0	2862.9	0	2719.7	0	2719.7		183.3		183.3		0		0	1181.6			1181.6		1364.9		1364.9	0	183.3	0	183.3	0	1354.8	0	1354.8		50.2		50.2		safe			safe	
500	KR	KR-21	Satara	1777.0	3396.9	0	5173.9	1688.2	3227.0	0	4915.2	131.9	161.4		293.3	0.0	0		744.0	2130.3		2874.2	875.7	2291.7		3167.5	131.9	161.4	0	293.3	812.3	935.4	0	1747.7	51.9	71.0		64.4	safe	semi_cri		safe			
501	KR	KR-22	Sangli	6749.4	253.3	0	7002.7	6412.0	227.9	0	6639.9	111.0	5.4		116.3	0.0	0		3865.9	120.3		3986.2	3976.9	125.7		4102.5	111.0	5.4	0	116.3	2435.1	102.2	0	2537.4	62.0	55.1		61.8	safe	safe		safe			
502	KR	KR-22	Satara	148.4	1879.9	0	2028.3	133.6	1785.9	0	1919.4		67.5		67.5		0		0	1392.0			1392.0		1459.5		1459.5	0	67.5	0	67.5	133.6	326.4	0	459.9		81.7		76.0		semi_cri		semi_cri		
503	KR	KR-23	Satara	384.6	1644.3	0	2028.9	346.1	1562.1	0	1908.2		136.7		136.7		0		0	1228.7			1228.7		1365.4		1365.4	0	136.7	0	136.7	346.1	196.7	0	542.8		87.4		71.6		semi_cri		semi_cri		
504	KR	KR-24	Sangli	4161.5	218.9	0	4380.4	3745.3	208.0	0	3953.3	8.3	6.1		14.4	0.0	0		208.5	107.7		316.1	216.8	113.8		330.6	8.3	6.1	0	14.4	3528.6	94.2	0	3622.7	5.8	54.7		8.4	safe	safe		safe			
505	KR	KR-24	Satara	0	2327.6	0	2327.6	0	2211.3	0	2211.3		73.3		73.3		0		0	1791.0			1791.0		1864.4		1864.4	0	73.4	0	73.4	0	346.9	0	346.9		84.3		84.3		semi_cri		semi_cri		
506	KR	KR-25	Satara	0	168.7	0	168.7	0	151.8	0	151.8		7.9		7.9		0		0	91.1			91.1		99.0		99.0	0	7.9	0	7.9	0	52.8	0	52.8		65.2		65.2		safe			safe	
507	KR	KR-25	Sangli	5846.1	2964.6	0	8810.8	5261.5	2816.4	0	8077.9	79.8	82.8		162.6	0.0	0		2269.9	558.9		2828.8	2349.6	641.7		2991.4	79.8	82.8	0	162.6	2911.9	2174.7	0	5086.5	44.7	22.8		37.0	safe	safe		safe			
508	KR	KR-26	Satara	490.4	309.6	0	800.0	441.3	294.2	0	735.5		26.0		26.0		0		0	514.4			514.4		540.4		540.4	0	26.0	0	26.0	441.3	0.0	0	441.3		18.3		73.5		over_ex		semi_cri		
509	KR	KR-27	Satara	0	289.4	0	289.4	0	274.9	0	274.9		67.1		67.1		0		0	154.1			154.1		221.1		221.1	0	67.1	0	67.1	0	53.8	0	53.8		80.4		80.4		semi_cri		semi_cri		
510	KR	KR-28	Sangli	0	662.9	0	662.9	0	629.8	0	629.8		3.7		3.7		0		0	5.0			5.0		8.8		8.8	0	3.7	0	3.7	0	621.0	0	621.0		1.4		1.4		safe			safe	
511	KR	KR-28	Satara	0	19.3	0	19.3	0	18.3	0	18.3		1.6		1.6		0		0	0.0			0		1.6		1.6	0	1.6	0	1.6	0	16.7	0	16.7		8.9		8.9		safe			safe	
512	KR	KR-29	Sangli	0	200.6	0	200.6	0	190.5	0	190.5		0.0		0.0		0		0	0.7			0.7		0.7		0.7	0	0.0	0	0.0	0	189.8	0	189.8		0.4		0.4		safe			safe	
513	KR	KR-29	Koiphapur	0	512.0	0	512.0	0	486.4	0	486.4		2.2		2.2		0		0	17.5			17.5		19.6		19.6	0	2.2	0	2.2	0	466.8	0	466.8		4.0		4.0		safe			safe	
514	KR	KR-3	Satara	0	522.0	0	522.0	0	495.9	0	495.9		47.8		47.8		0		0	289.2			289.2		336.9		336.9	0	47.8	0	47.8	0	159.0	0	159.0		67.9		67.9		safe			safe	
515	KR	KR-30	Satara	120.8	951.2	0	1072.0	108.7	903.6	0	1012.3		115.8		115.8		0		0	561.8			561.8		677.6		677.6	0	115.8	0	115.8	108.7	226.0	0	334.7		75.0		66.9		semi_cri		safe		
516	KR	KR-31	Satara	496.3	2588.7	0	3084.9	446.6	2459.3	0	2905.9		259.4		259.4		0		0	1845.5			1845.5		2104.9		2104.9	0	259.5	0	259.5	446.6	354.3	0	801.0		85.6		72.4		semi_cri		semi_cri		
517	KR	KR-32	Sangli	6180.7	1589.4	46	8230.4	5562.6	1430.4	414.4	7407.1	109.1	7.2	0.0	116.3	0.0	0	0	0	1822.6	75.0	0.0	1897.6	1931.7	82.2	0.0	2013.9	109.1	7.2	0	116.3	3630.2	1348.4	414.1	4979.7	34.7	5.7	0.0	28.8	safe	safe	safe	safe		
518	KR	KR-32	Satara	696.9	584.9	0	1281.8	627.2	526.4	0	1153.6	31.1	17.8		49.0	0.0	0		0	215.2			332.3	246.3	134.9		381.3	31.1	17.9	0	49.0	380.9	391.4	0	772.3		39.3		25.6		33.1	safe	safe		safe
519	KR	KR-33	Sangli	5693.4	473.3	11	6283.0	5124.9	426.0	104.7	5654.7	70.9	11.4	0.0	82.2	0.0	0	0	0	3158.5	241.2	0.0	3399.7	3229.3	252.6	0.0	3481.9	70.9	11.4	0	82.2	1894.7	173.4	104.7	2068.1	63.0	59.3	0.0	62.7	safe	safe	safe	safe		
520	KR	KR-34	Sangli	6935.4	304.9	0	7240.3	6241.9	274.4	0	6516.2	78.0	16.4		94.4	0.0																													

Dynamic Ground Water Resources of Maharashtra 2024

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												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total
529	KR	KR-42	Sangli	1831.7	1898.5	481	4210.8	1648.5	1803.5	432.6	3884.6	22.7	127.1	1.3	151.0	0.0	0	0	0	44.1	1504.0	0.0	1548.1	66.8	1631.0	1.3	1699.1	22.7	127.1	1	149.7	1581.7	172.5	431.3	1754.2	4.1	90.4	0.3	49.2	safe	critical	safe	safe
530	KR	KR-42	Satara	0	87.2	0	87.2	0	82.9	0	82.9		6.6		6.6		0	0	0		56.6		56.6		63.2		63.2	0	6.6	0	6.6	0	19.7	0	19.7		76.2		76.2	semi_critical		semi_critical	
531	KR	KR-43	Sangli	303.6	2151.9	8	2463.2	273.2	2044.3	7.0	2324.5	64.7	81.9	0.0	146.6	0.0	0	0	0	24.8	1206.7	0.0	1231.5	89.5	1288.7	0.0	1378.1	64.7	81.9	0	146.6	183.7	755.6	7.0	939.4	32.8	63.0	0.0	59.5	safe	safe	safe	safe
532	KR	KR-43	Satara	0	17.9	0	17.9	0	17.0	0	17.0		5.5		5.5		0	0	0		6.1		6.1		11.6		11.6	0	5.5	0	5.5	0	5.4	0	5.4		68.1		68.1		safe		safe
533	KR	KR-44	Sangli	0	1322.7	0	1322.7	0	1256.5	0	1256.5		98.3		98.3		0	0	0		264.9		264.9		363.2		363.2	0	98.3	0	98.3	0	893.3	0	893.3		28.9		28.9		safe		safe
534	KR	KR-44	Satara	0	19.1	0	19.1	0	18.1	0	18.1		0.5		0.5		0	0	0		10.7		10.7		11.2		11.2	0	0.5	0	0.5	0	7.0	0	7.0		61.6		61.6		safe		safe
535	KR	KR-45	Kolhapur	842.4	743.2	0	1585.5	800.2	706.0	0	1506.2	13.3	31.3		44.6	0.0	0	0	0	174.5	170.4		344.9	187.8	201.7		389.6	13.3	31.3	0	44.6	612.4	504.3	0	1116.7	23.5	28.6	25.9	safe	safe		safe	
536	KR	KR-46	Kolhapur	0	2947.7	0	2947.7	0	2800.3	0	2800.3		84.1		84.1		0	0	0		1140.0		1140.0		1224.1		1224.1	0	84.1	0	84.1	0	1576.3	0	1576.3		43.7		43.7		safe		safe
537	KR	KR-47	Kolhapur	0	5404.6	0	5404.6	0	5134.3	0	5134.3		107.5		107.5		0	0	0		3139.5		3139.5		3247.0		3247.0	0	107.5	0	107.5	0	1887.4	0	1887.4		63.2		63.2		safe		safe
538	KR	KR-48	Sangli	2206.4	2457.1	70	5363.8	1985.2	2334.3	630.3	4950.3	0.0	141.8	0.0	141.8	0.0	0	0	0	20.2	1890.9	0.0	1911.1	20.2	2032.7	0.0	2052.9	0	141.8	0	141.8	1965.6	301.5	630.3	2267.1	1.0	87.1	0.0	47.5	safe	semi_critical	safe	safe
539	KR	KR-49	Kolhapur	0	3799.5	0	3799.5	0	3609.5	0	3609.5		41.9		41.9		0	0	0		1892.3		1892.3		1934.2		1934.2	0	41.9	0	41.9	0	1675.3	0	1675.3		53.6		53.6		safe		safe
540	KR	KR-5	Satara	3640.3	455.6	0	4095.9	3276.3	432.8	0	3709.1	78.8	123.5		202.3	0.0	0	0	0	1508.5	179.0		1687.5	1587.3	302.5		1889.9	78.8	123.5	0	202.3	1689.0	130.3	0	1819.2	48.4	69.9	51.0	safe	safe		safe	
541	KR	KR-50	Sangli	5888.6	350.9	33	6578.5	5594.2	315.8	305.1	6215.1	83.2	13.3	12.8	109.3	0.0	0	0	0	2647.9	20.9	0.0	2668.9	2731.2	34.2	12.8	2778.2	83.2	13.3	13	96.5	2863.0	281.6	292.3	3144.6	48.8	10.8	4.2	46.8	safe	safe	safe	safe
542	KR	KR-51	Sangli	3265.1	286.2	0	3551.4	3101.9	257.6	0	3359.5	48.4	23.6		72.0	0.0	0	0	0	1897.8	142.6		2040.4	1946.2	166.3		2112.5	48.4	23.7	0	72.0	1155.7	91.3	0	1247.0	62.7	64.6	62.9	safe	safe		safe	
543	KR	KR-52	Sangli	681.4	1372.9	0	2054.3	613.3	1304.2	0	1917.5	25.4	69.7		95.1	0.0	0	0	0	777.1	1135.0		1912.1	802.5	1204.7		2007.1	25.4	69.7	0	95.1	0	99.5	0	99.5	13.0	92.4	10.4	47.7	over_exploited	critical	over_exploited	
544	KR	KR-53	Sangli	0	1041.2	0	1041.2	0	989.2	0	989.2		36.7		36.7		0	0	0		738.8		738.8		775.5		775.5	0	36.7	0	36.7	0	213.7	0	213.7		78.4		78.4	semi_critical		semi_critical	
545	KR	KR-54	Kolhapur	0	3145.8	0	3145.8	0	2988.6	0	2988.6		57.8		57.8		0	0	0		1003.1		1003.1		1060.9		1060.9	0	57.8	0	57.8	0	1927.7	0	1927.7		35.5		35.5		safe		safe
546	KR	KR-55	Kolhapur	0	3011.1	0	3011.1	0	2860.5	0	2860.5		100.1		100.1		0	0	0		1802.4		1802.4		1902.5		1902.5	0	100.1	0	100.1	0	958.1	0	958.1		66.5		66.5		safe		safe
547	KR	KR-56	Kolhapur	0	4090.7	0	4090.7	0	3886.1	0	3886.1		76.1		76.1		0	0	0		1981.7		1981.7		2057.8		2057.8	0	76.1	0	76.1	0	1828.3	0	1828.3		53.0		53.0		safe		safe
548	KR	KR-57	Kolhapur	0	4474.7	0	4474.7	0	4251.0	0	4251.0		105.5		105.5		0	0	0		1750.1		1750.1		1855.6		1855.6	0	105.5	0	105.5	0	2395.4	0	2395.4		43.7		43.7		safe		safe
549	KR	KR-58	Kolhapur	0	3219.5	0	3219.5	0	3058.5	0	3058.5		58.1		58.1		0	0	0		1454.1		1454.1		1512.3		1512.3	0	58.1	0	58.1	0	1546.3	0	1546.3		49.4		49.4		safe		safe
550	KR	KR-59	Kolhapur	0	4515.2	0	4515.2	0	4063.6	0	4063.6		72.2		72.2		0	0	0		313.3		313.3		385.4		385.4	0	72.2	0	72.2	0	3678.2	0	3678.2		9.5		9.5		safe		safe
551	KR	KR-6	Satara	4937.6	1657.3	0	6594.9	4443.9	1574.5	0	6018.3	116.4	101.7		218.2	0.0	0	0	0	2213.3	1423.5		3636.9	2329.7	1525.3		3855.4	116.4	101.7	0	218.2	2114.1	49.2	0	2163.3	52.4	96.9	64.1	safe	critical		safe	
552	KR	KR-60	Kolhapur	0	3915.4	0	3915.4	0	3719.7	0	3719.7		66.1		66.1		0	0	0		584.2		584.2		650.3		650.3	0	66.1	0	66.1	0	3069.4	0	3069.4		17.5		17.5		safe		safe
553	KR	KR-61	Kolhapur	0	2751.7	0	2751.7	0	2614.1	0	2614.1		92.9		92.9		0	0	0		703.4		703.4		796.3		796.3	0	92.9	0	92.9	0	1817.8	0	1817.8		30.5		30.5		safe		safe
554	KR	KR-62	Kolhapur	0	5736.1	0	5736.1	0	5449.3	0	5449.3		103.3		103.3		0	0	0		2893.3		2893.3		2996.6		2996.6	0	103.3	0	103.3	0	2452.7	0	2452.7		55.0		55.0		safe		safe
555	KR	KR-63	Kolhapur	0	1666.7	0	1666.7	0	1500.0	0	1500.0		23.6		23.6		0	0	0		640.0		640.0		663.6		663.6	0	23.6	0	23.6	0	836.4	0	836.4		44.2		44.2		safe		safe
556	KR	KR-64 A	Kolhapur	0	1725.4	0	1725.4	0	1639.1	0	1639.1		9.4		9.4		0	0	0		250.0		250.0		259.4		259.4	0	9.4	0	9.4	0	1379.8	0	1379.8		15.8		15.8		safe		safe
557	KR	KR-64 B	Kolhapur	0	1461.4	0	1461.4	0	1388.4	0	1388.4		12.1		12.1		0	0	0		263.0		263.0		275.0		275.0	0	12.1	0	12.1	0	1113.3	0	1113.3		19.8		19.8		safe		safe
558	KR	KR-64 C	Kolhapur	0	797.0	0	797.0	0	757.1	0	757.1		15.5		15.5		0	0</																									

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																					
567	KR	KR-72	Kolhapur	0	1231.6	0	1231.6	0	1170.0	0	1170.0		21.6		21.6	0			0		231.0		231.0		252.6		252.6	0	21.6	0	21.6	0	917.4	0	917.4		21.6		21.6			safe		safe
568	KR	KR-73	Kolhapur	0	3433.9	0	3433.9	0	3262.2	0	3262.2		80.8		80.8	0			0		691.2		691.2		772.0		772.0	0	80.8	0	80.8	0	2490.2	0	2490.2		23.7		23.7			safe		safe
569	KR	KR-74	Kolhapur	0	3712.6	0	3712.6	0	3527.0	0	3527.0		67.7		67.7	0			0		1965.0		1965.0		2032.7		2032.7	0	67.7	0	67.7	0	1494.3	0	1494.3		57.6		57.6			safe		safe
570	KR	KR-75	Kolhapur	0	6097.6	0	6097.6	0	5792.7	0	5792.7		83.7		83.7	0			0		3839.8		3839.8		3923.5		3923.5	0	83.7	0	83.7	0	1869.2	0	1869.2		67.7		67.7			safe		safe
571	KR	KR-76	Kolhapur	0	2785.7	0	2785.7	0	2646.4	0	2646.4		48.4		48.4	0			0		1727.0		1727.0		1775.4		1775.4	0	48.4	0	48.4	0	871.0	0	871.0		67.1		67.1			safe		safe
572	KR	KR-77	Kolhapur	0	2325.9	0	2325.9	0	2209.6	0	2209.6		32.9		32.9	0			0		1353.0		1353.0		1385.9		1385.9	0	32.9	0	32.9	0	823.6	0	823.6		62.7		62.7			safe		safe
573	KR	KR-78	Kolhapur	0	5181.4	0	5181.4	0	4922.4	0	4922.4		60.7		60.7	0			0		2382.2		2382.2		2442.9		2442.9	0	60.7	0	60.7	0	2479.5	0	2479.5		49.6		49.6			safe		safe
574	KR	KR-79	Kolhapur	0	1895.2	0	1895.2	0	1800.4	0	1800.4		37.4		37.4	0			0		568.0		568.0		605.5		605.5	0	37.4	0	37.4	0	1195.0	0	1195.0		33.6		33.6			safe		safe
575	KR	KR-8	Satara	1442.3	1589.8	0	3032.1	1298.1	1510.3	0	2808.4	46.2	61.2		107.4	0.0	0		0	379.0	1241.8	1620.8	425.2	1303.0		1728.2	46.2	61.2	0	107.4	872.9	207.3	0	1080.2	32.8	86.3	61.5	safe	semi_critical		safe			
576	KR	KR-80	Kolhapur	0	1480.5	0	1480.5	0	1406.5	0	1406.5		35.1		35.1	0			0		465.5		465.5		500.6		500.6	0	35.1	0	35.1	0	905.9	0	905.9		35.6		35.6			safe		safe
577	KR	KR-81	Kolhapur	0	1534.3	0	1534.3	0	1457.6	0	1457.6		35.8		35.8	0			0		811.6		811.6		847.4		847.4	0	35.8	0	35.8	0	610.2	0	610.2		58.1		58.1			safe		safe
578	KR	KR-82	Kolhapur	0	4338.8	0	4338.8	0	4121.9	0	4121.9		68.6		68.6	0			0		2248.4		2248.4		2317.0		2317.0	0	68.6	0	68.6	0	1804.9	0	1804.9		56.2		56.2			safe		safe
579	KR	KR-83	Kolhapur	0	4666.5	0	4666.5	0	4433.2	0	4433.2		47.0		47.0	0			0		2110.8		2110.8		2157.8		2157.8	0	47.0	0	47.0	0	2275.4	0	2275.4		48.7		48.7			safe		safe
580	KR	KR-84	Kolhapur	0	1057.2	0	1057.2	0	1004.3	0	1004.3		17.6		17.6	0			0		617.6		617.6		635.2		635.2	0	17.6	0	17.6	0	369.1	0	369.1		63.2		63.2			safe		safe
581	KR	KR-85	Kolhapur	0	733.8	0	733.8	0	697.1	0	697.1		6.5		6.5	0			0		348.7		348.7		355.1		355.1	0	6.5	0	6.5	0	341.9	0	341.9		50.9		50.9			safe		safe
582	KR	KR-9	Satara	0	1300.7	0	1300.7	0	1235.7	0	1235.7		64.0		64.0	0			0		958.6		958.6		1022.6		1022.6	0	64.0	0	64.0	0	213.1	0	213.1		82.8		82.8			semi_critical		semi_critical
583	WF_1	Kurla	Mumbai Sub	0	2932.8	0	2932.8	0	2786.1	0	2786.1		595.9		595.9	29.8			29.8		0.0		0		625.7		625.7	0	595.9	0	595.9	0	2160.4	0	2160.4		22.5		22.5			safe		safe
584	MR	MR-03	Osmanabad	188.0	1828.9	0	2016.8	178.6	1737.0	0	1916.0	11.8	63.6		75.4	0.0	0		0	137.5	1080.4	1217.9	149.3	1144.0		1293.2	11.8	63.6	0	75.4	29.3	593.4	0	622.7	83.6	65.8	67.5	semi_critical	safe		safe			
585	MR	MR-1	Beed	876.5	2238.2	0	3114.7	832.3	2126.0	0	2958.9	39.7	79.3		119.0	0.0	0		0	191.3	1716.1	1908.1	231.0	1796.1		2027.1	39.7	79.3	0	119.0	601.7	330.2	0	931.9	27.7	84.5	68.5	safe	semi_critical		safe			
586	MR	MR-10	Osmanabad	0	1636.6	0	1636.6	0	1554.8	0	1554.8		71.1		71.1	0			0		1013.7		1013.7		1084.7		1084.7	0	71.1	0	71.1	0	470.0	0	470.0		69.8		69.8			safe		safe
587	MR	MR-11	Osmanabad	114.5	1724.7	0	1839.8	108.8	1638.5	0	1747.3	11.1	59.1		70.2	0.0	0.1	0.1	62.0	1190.7	1252.7	73.1	1249.9		1323.0		11.1	59.1	0	70.2	35.7	388.6	0	424.2	67.2	76.3	75.7	safe	semi_critical		semi_critical			
588	MR	MR-12	Osmanabad	289.2	3190.1	0	3479.7	274.6	3030.6	0	3305.3	15.3	55.7		71.0	0.0	0		0	421.3	1616.3	2037.9	436.9	1672.0		2108.9	15.3	55.7	0	71.0	0	1358.6	0	1358.6	15.2	55.2	63.8	over_exploited	safe		safe			
589	MR	MR-13	Osmanabad	0	2414.7	0	2414.7	0	2294.0	0	2294.0		44.2		44.2	0			0		1585.7		1585.7		1629.9		1629.9	0	44.2	0	44.2	0	664.1	0	664.1		71.1		71.1			semi_critical		semi_critical
590	MR	MR-14	Beed	0	3379.9	0	3379.9	0	3210.9	0	3210.9		113.0		113.0	0.6			0.6		1359.4		1359.4		1473.0		1473.0	0	113.0	0	113.0	0	1737.9	0	1737.9		45.9		45.9			safe		safe
591	MR	MR-14	Latur	0	431.0	0	431.0	0	409.5	0	409.5		12.3		12.3	0			0		169.2		169.2		181.5		181.5	0	12.3	0	12.3	0	228.0	0	228.0		44.3		44.3			safe		safe
592	MR	MR-15	Latur	554.1	1175.9	0	1730.0	498.7	1117.1	0	1615.8	21.2	27.7		48.9	0.0	0		0	564.1	830.3	1394.3	585.2	858.0		1443.3	21.2	27.7	0	48.9	0	259.0	0	259.0	11.7	76.8	89.3	over_exploited	semi_critical		semi_critical			
593	MR	MR-15	Beed	141.4	508.5	0	649.9	134.4	483.1	0	617.4	21.1	52.9		73.9	0.0	0		0	81.6	391.4	473.0	102.7	444.3		546.9	21.1	52.9	0	73.9	31.7	38.8	0	70.5	76.4	88.6	semi_critical	critical		semi_critical				
594	MR	MR-16 A	Osmanabad	31.9	1584.9	0	1616.8	30.3	1505.7	0	1536.0	10.2	29.4		39.7	0.0	0		0	19.8	976.1	995.9	30.0	1005.6		1035.6	10.2	29.4	0	39.7	0.3	500.1	0	500.4	99.1	66.8	67.4	critical	safe		safe			
595	MR	MR-16 B	Latur	243.7	1612.9	0	1856.6	219.3	1451.6	0	1670.9	28.5	37.6		66.2	0.0	0		0	251.3	993.3	1244.6	279.9	1030.3		1310.8	28.5	37.6	0	66.2	0	420.7	0	420.7	12.0	71.0	78.4	over_exploited	semi_critical		semi_critical			
596	MR	MR-17	Osmanabad	128.3	2332.3	0	2460.3	121.7	2215.0	0	2337.3	8.0	50.0		58.0	0.0	0		0	95.6	1408.9	1504.4	103.5	1458.9		1562.4	8.0	50.0	0	58.0	18.1	756.8	0	774.9										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
605	MR	MR-23	Osmanabad	46.4	2500.1	0	2546.6	44.1	2375.1	0	2419.2	6.6	52.5		59.0	0.0	0		0	45.2	1675.6		1720.8	51.7	1728.1		1779.8	6.6	52.5	0	59.0	0	647.1	0	647.1	11.7	72.8	73.6	over_exploited	semi_critical		semi_critical	
606	MR	MR-24	Latur	191.5	1209.1	0	1400.6	172.4	1088.2	0	1260.6	4.1	25.6		29.6	1.9	0		1.9	93.0	673.2		766.2	98.9	698.8		797.7	4.1	25.6	0	29.6	73.4	389.5	0	462.9	57.4	64.2	63.3	safe	safe		safe	
607	MR	MR-25	Latur	35.0	491.9	0	526.9	31.5	442.7	0	474.2	7.4	20.8		28.3	0.5	0		0.5	60.0	175.5		235.5	67.9	196.3		264.3	7.4	20.8	0	28.3	0	246.4	0	246.4	21.5	44.3	55.7	over_exploited	safe		safe	
608	MR	MR-26	Latur	152.4	1787.1	0	1939.8	144.7	1697.7	0	1842.5	15.7	135.1		150.7	41.6	0		41.6	95.7	1214.1		1309.8	153.0	1349.2		1502.2	15.7	135.1	0	150.8	0	348.6	0	348.6	10.5	79.5	81.5	over_exploited	semi_critical		semi_critical	
609	MR	MR-27	Latur	191.1	1155.7	0	1346.6	181.6	1097.9	0	1279.5	18.3	26.3		44.5	7.0	0		7.0	95.7	483.9		579.6	121.0	510.2		631.2	18.3	26.3	0	44.5	60.6	587.7	0	648.3	66.6	46.5	49.3	safe	safe		safe	
610	MR	MR-28	Latur	421.2	1516.8	0	1938.0	400.1	1441.0	0	1841.1	9.3	52.6		61.9	8.0	0		8.0	118.5	858.4		976.9	135.9	911.0		1046.8	9.3	52.6	0	61.9	264.3	530.0	0	794.3	34.0	63.2	56.9	safe	safe		safe	
611	MR	MR-29	Latur	298.5	3721.0	0	4019.5	283.6	3348.9	0	3632.5	9.1	72.3		81.4	1.5	0		1.5	99.0	1340.8		1439.6	109.6	1413.1		1522.7	9.1	72.3	0	81.4	173.9	1935.8	0	2109.8	38.7	42.2	41.9	safe	safe		safe	
612	MR	MR-30	Osmanabad	269.1	3818.6	0	4087.6	255.6	3627.6	0	3883.3	19.1	91.7		110.8	0.0	0		0	154.3	2027.0		2181.3	173.4	2118.7		2292.1	19.1	91.7	0	110.8	82.2	1508.9	0	1591.2	67.4	58.4	59.0	safe	safe		safe	
613	MR	MR-31A	Latur	305.5	2649.0	0	2954.4	290.2	2516.5	0	2806.7	6.0	39.1		45.1	0.3	0		0.3	189.7	1099.8		1289.5	196.0	1138.9		1334.9	6.0	39.1	0	45.1	94.2	1377.6	0	1471.8	67.3	45.3	47.6	safe	safe		safe	
614	MR	MR-31B	Beed	0	713.3	0	713.3	0	677.6	0	677.6		25.1		25.1		0		0		445.1		445.1		470.2		470.2	0	25.1	0	25.1	0	207.4	0	207.4		69.4	69.4		safe			
615	MR	MR-32A	Latur	75.1	1385.8	0	1460.9	71.3	1316.5	0	1387.8	3.2	47.7		50.9	0.2	0		0.2	65.6	412.2		477.8	69.0	459.9		528.9	3.2	47.7	0	50.9	2.3	856.6	0	858.9	96.8	34.9	38.1	critical	safe		safe	
616	MR	MR-32B	Latur	0	926.9	0	926.9	0	880.6	0	880.6		31.4		31.4		0		0		475.0		475.0		506.5		506.5	0	31.4	0	31.4	0	374.1	0	374.1		57.5	57.5		safe			
617	MR	MR-32B	Beed	0	597.2	0	597.2	0	567.4	0	567.4		14.7		14.7		0		0		65.5		65.5		80.2		80.2	0	14.7	0	14.7	0	487.2	0	487.2		14.1	14.1		safe			
618	MR	MR-33	Latur	32.3	1028.9	0	1061.2	30.7	977.4	0	1008.1	4.7	29.0		33.7	0.0	0		0	17.6	719.4		737.0	22.2	748.4		770.7	4.7	29.0	0	33.7	8.5	229.0	0	237.5	72.4	76.4	76.4	semi_critical	semi_critical		semi_critical	
619	MR	MR-34	Latur	249.8	3270.9	0	3520.7	237.3	3107.3	0	3344.6	9.3	54.6		63.9	0.0	0		0	134.6	1501.5		1636.1	143.9	1556.1		1700.0	9.3	54.6	0	63.9	93.5	1551.2	0	1644.7	60.6	50.1	50.8	safe	safe		safe	
620	MR	MR-35	Latur	114.5	2247.1	0	2361.6	108.8	2134.8	0	2243.5	9.9	57.0		66.9	0.0	0		0	52.5	810.0		862.5	62.4	867.0		929.5	9.9	57.0	0	66.9	46.3	1267.7	0	1314.1	57.4	40.6	41.4	safe	safe		safe	
621	MR	MR-36A	Osmanabad	78.7	1265.0	0	1343.7	74.8	1201.7	0	1276.5	12.3	36.8		49.0	0.0	0		0	47.1	791.8		838.9	59.4	828.5		887.9	12.3	36.8	0	49.0	15.4	373.2	0	388.6	79.4	68.9	69.6	semi_critical	safe		safe	
622	MR	MR-36B	Latur	0	1258.0	0	1258.0	0	1195.1	0	1195.1		36.8		36.8		0		0		607.4		607.4		644.1		644.1	0	36.8	0	36.8	0	550.9	0	550.9		53.9	53.9		safe			
623	MR	MR-37	Latur	0	1329.5	0	1329.5	0	1263.0	0	1263.0		37.0		37.0		0		0		517.9		517.9		555.0		555.0	0	37.1	0	37.1	0	708.0	0	708.0		43.9	43.9		safe			
624	MR	MR-37B	Nanded	0.2	1806.0	0	1806.2	0.1	1715.7	0	1715.8		40.6		40.6		0		0		372.2		372.2		412.9		412.9	0	40.6	0	40.6	0.1	1302.8	0	1303.0		24.1	24.1		safe			
625	MR	MR-38	Latur	110.7	2752.7	0	2863.5	105.2	2615.1	0	2720.3	33.9	92.1		126.0	11.6	0		116.4	37.7	1199.6		1237.3	188.0	1291.6		1479.6	33.9	92.1	0	126.0	0	1323.5	0	1323.5	17.8	49.4	54.4	over_exploited	safe		safe	
626	MR	MR-39	Latur	0.7	1628.0	0	1628.7	0.6	1546.6	0	1547.2		79.4		79.4		0		0		1189.6		1189.6		1269.0		1269.0	0	79.4	0	79.4	0.6	277.6	0	278.2		82.1	82.0		semi_critical			
627	MR	MR-4	Beed	0	4426.5	0	4426.5	0	4205.2	0	4205.2		153.8		153.8		0.8		0.8		2737.9		2737.9		2892.4		2892.4	0	153.8	0	153.8	0	1312.8	0	1312.8		68.8	68.8		safe			
628	MR	MR-40	Latur	110.3	1469.2	0	1579.6	104.8	1395.8	0	1500.6	14.2	20.3		34.6	0.1	0		0.1	87.3	438.0		525.3	101.7	458.3		560.0	14.2	20.3	0	34.6	3.2	937.4	0	940.6	97.0	32.8	37.3	critical	safe		safe	
629	MR	MR-41	Latur	257.5	1543.6	0	1801.0	244.6	1466.4	0	1711.0	11.5	60.8		72.3	0.0	0		0	91.4	814.1		905.5	102.9	874.9		977.7	11.5	60.8	0	72.3	141.8	591.5	0	733.3	42.0	59.7	57.1	safe	safe		safe	
630	MR	MR-42	Latur	133.4	1290.2	0	1423.6	126.7	1225.7	0	1352.4	5.3	33.4		38.7	0.0	0		0	23.2	653.4		676.6	28.5	686.8		715.3	5.3	33.4	0	38.7	98.2	538.9	0	637.1	22.5	56.0	52.9	safe	safe		safe	
631	MR	MR-43	Latur	0	1230.6	0	1230.6	0	1169.1	0	1169.1		38.8		38.8		0		0		808.9		808.9		847.7		847.7	0	38.8	0	38.8	0	321.4	0	321.4		72.5	72.5		semi_critical			
632	MR	MR-44	Latur	243.1	1421.7	0	1664.7	230.9	1350.6	0	1581.5	2.8	0.0		2.8	2.6	0		2.6	169.1	891.6		1060.6	174.4	891.6		1066.0	2.8	0.0	0	2.8	56.5	459.0	0	515.5	75.5	66.4	67.4	semi_critical	safe		safe	
633	MR	MR-45	Latur	123.2	3175.7	0	3298.9	117.9	3016.0	0	3134.9	12.8	137.4		150.2	2.4	0		2.4	71.0	1375.6		1446.6	86.2	1513.0		1599.2	12.8	137.4	0	150.2	30.9	1503.9	0	1534.7	73.0	50.2	51.0	semi_critical	safe		safe	
634	MR																																										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																				
643	MR	MR-52 A	Nanded	0	187.7	0	187.7	0	178.4	0	178.4		16.3		16.3		0		0		48.2		48.2		64.5		64.5	0	16.3	0	16.3	0	113.9	0	113.9		36.1		36.1		safe		safe
644	MR	MR-52 B	Latur	29.4	673.8	0	703.2	28.0	640.1	0	668.0	4.8	51.7		56.5	0.0	0		0	10.1	218.4		228.5	14.9	270.1		285.0	4.8	51.7	0	56.5	13.1	370.0	0	383.0	53.3	42.2		42.7	safe	safe		safe
645	MR	MR-53 A	Nanded	0	355.9	0	355.9	0	338.1	0	338.1		15.4		15.4		0		0		165.3		165.3		180.7		180.7	0	15.4	0	15.4	0	157.4	0	157.4		53.5		53.5		safe		safe
646	MR	MR-53 B	Latur	117.8	1848.9	0	1966.7	111.9	1756.5	0	1868.4	8.6	25.1		33.7	1.8	0		1.8	28.1	773.5		801.6	38.4	798.6		837.0	8.6	25.1	0	33.7	73.5	957.9	0	1031.3	34.3	45.5		44.8	safe	safe		safe
647	MR	MR-54	Latur	0	1169.0	0	1169.0	0	1110.6	0	1110.6		35.5		35.5		0		0		634.9		634.9		670.4		670.4	0	35.5	0	35.5	0	440.2	0	440.2		60.4		60.4		safe		safe
648	MR	MR-55	Latur	60.8	2003.3	0	2064.1	57.8	1903.1	0	1960.9	9.2	57.6		66.8	2.0	0		2.0	85.1	810.7		895.7	96.3	868.3		964.6	9.2	57.6	0	66.8	0	1034.8	0	1034.8	16.6	45.6		49.2	over_exploited	safe		safe
649	MR	MR-56 B	Latur	11.2	802.8	0	814.0	10.1	762.7	0	772.8		19.0		19.0		0		0		278.1		278.1		297.1		297.1	0	19.0	0	19.0	10.1	465.6	0	475.7		39.0		38.4		safe		safe
650	MR	MR-57	Nanded	248.4	810.6	0	1059.0	236.0	770.1	0	1006.0	11.2	23.1		34.3	0.0	0		0	61.9	245.9		307.8	73.1	269.0		342.1	11.2	23.1	0	34.3	162.8	501.1	0	663.9	31.0	34.9		34.0	safe	safe		safe
651	MR	MR-59	Nanded	1193.9	1297.0	0	2490.9	1134.2	1232.1	0	2366.3	50.9	24.0		74.9	0.0	0		0	212.7	215.1		427.8	263.6	239.1		502.8	50.9	24.0	0	75.0	870.6	993.0	0	1863.6	23.4	19.4		21.2	safe	safe		safe
652	MR	MR-6	Beed	0	6274.1	0	6274.1	0	5960.4	0	5960.4		138.3		138.3		1.5		1.5		3649.7		3649.7		3789.5		3789.5	0	138.3	0	138.3	0	2170.9	0	2170.9		63.6		63.6		safe		safe
653	MR	MR-60	Nanded	383.3	2255.8	0	2639.1	364.2	2143.0	0	2507.1	14.9	47.1		62.0	0.0	0		0	74.3	182.4		256.7	89.3	229.4		318.7	14.9	47.1	0	62.0	274.9	1913.6	0	2188.4	24.5	10.7		12.7	safe	safe		safe
654	MR	MR-61	Nanded	0	3083.0	0	3083.0	0	2928.8	0	2928.8		66.0		66.0		1.2		1.2		513.3		513.3		580.5		580.5	0	66.0	0	66.0	0	2348.3	0	2348.3		19.8		19.8		safe		safe
655	MR	MR-62	Nanded	30.2	778.2	0	808.4	28.7	739.3	0	767.9	30.1	40.2		70.3	0.0	0		0	21.8	82.5		104.3	51.9	122.7		174.6	30.1	40.2	0	70.3	0	616.6	0	616.6	18.0	16.6		22.7	over_exploited	safe		safe
656	MR	MR-63	Nanded	81.4	2028.2	0	2109.6	77.4	1926.8	0	2004.1	25.0	75.2		100.2	0.0	0		0	11.3	279.6		290.9	36.3	354.9		391.1	25.0	75.2	0	100.2	41.1	1571.9	0	1613.0	46.9	18.4		19.5	safe	safe		safe
657	MR	MR-64	Nanded	0.3	1223.7	0	1224.0	0.3	1162.5	0	1162.8		101.3		101.3		0		0		274.2		274.2		375.5		375.5	0	101.3	0	101.3	0.3	787.0	0	787.3		32.3		32.3		safe		safe
658	MR	MR-65	Nanded	263.0	2074.0	0	2337.0	249.8	1970.3	0	2220.1	51.5	172.3		223.8	0.0	0		0	82.4	466.7		549.1	133.8	639.0		772.9	51.5	172.3	0	223.8	116.3	1331.0	0	1447.3	53.6	32.4		34.8	safe	safe		safe
659	MR	MR-66	Nanded	180.1	1828.2	0	2008.0	162.8	1736.8	0	1898.9	58.9	115.3		174.2	0.0	0		0	55.8	744.1		799.9	114.7	859.5		974.1	58.9	115.3	0	174.2	47.4	877.4	0	924.7	70.8	49.5		51.3	semi_critical	safe		safe
660	MR	MR-7	Osmanabad	43.8	3875.6	0	3919.5	41.6	3681.9	0	3723.5	9.1	83.7		92.8	0.0	0.2	0.2	28.1	2452.6		2480.7	37.2	2536.5		2573.7	9.1	83.7	0	92.8	4.4	1145.3	0	1149.8	89.3	68.9		69.1	semi_critical	safe		safe	
661	MR	MR-8	Beed	1599.5	5020.6	0	6620.1	1519.5	4769.6	0	6289.1	106.1	73.2		179.3	0.6	0	0.6	689.0	2993.8		3682.8	795.7	3067.0		3862.7	106.1	73.2	0	179.3	723.6	1702.6	0	2426.4	52.4	64.3		61.4	safe	safe		safe	
662	MR	MR-9	Osmanabad	0	3091.4	0	3091.4	0	2936.8	0	2936.8		129.0		129.0		0		0		2072.9		2072.9		2201.9		2201.9	0	129.0	0	129.0	0	734.9	0	734.9		75.0		75.0		semi_critical		semi_critical
663	WF-1	Mumbai	Mumbai	0	1555.4	0	1555.4	0	1477.7	0	1477.7		619.4		619.4		60.8		60.8		0.0		0		680.1		680.1	0	619.4	0	619.4	0	797.5	0	797.5		46.0		46.0		safe		safe
664	NPG	NPG-1	Nanded	616.6	1056.1	0	1672.7	585.8	1003.3	0	1589.0	11.1	10.0		21.1	0.0	0		0	159.7	277.1		436.8	170.9	287.1		457.9	11.1	10.0	0	21.1	414.9	716.2	0	1131.1	29.2	28.6		28.8	safe	safe		safe
665	NPG	NPG-11	Nanded	379.7	2827.9	0	3207.6	360.7	2686.5	0	3047.2	10.0	44.8		54.8	0.0	0		0	157.7	275.6		433.3	167.7	320.4		488.1	10.0	44.8	0	54.8	193.0	2366.1	0	2559.1	46.5	11.9		16.0	safe	safe		safe
666	NPG	NPG-12	Nanded	0	1382.8	0	1382.8	0	1313.7	0	1313.7		48.5		48.5		0		0		452.5		452.5		501.1		501.1	0	48.5	0	48.5	0	812.6	0	812.6		38.1		38.1		safe		safe
667	NPG	NPG-13	Nanded	800.1	2182.1	0	2982.2	760.2	2073.0	0	2833.1	38.6	16.1		54.7	0.0	0		0	211.2	341.9		553.0	249.8	357.9		607.7	38.6	16.1	0	54.7	510.3	1715.1	0	2225.4	32.9	17.3		21.5	safe	safe		safe
668	NPG	NPG-14	Nanded	36.4	2703.1	0	2739.4	34.6	2567.9	0	2602.5	16.8	24.4		41.2	0.0	0		0	5.7	513.1		518.8	22.5	537.5		560.0	16.8	24.4	0	41.3	12.0	2030.4	0	2042.4	65.1	20.9		21.5	safe	safe		safe
669	NPG	NPG-15	Nanded	130.9	3790.9	0	3921.8	124.3	3601.3	0	3725.7	1.5	78.4		79.8	0.0	0		0	54.0	1753.6		1807.6	55.4	1832.0		1887.4	1.5	78.4	0	79.8	68.9	1769.4	0	1838.3	44.6	50.9		50.7	safe	safe		safe
670	NPG	NPG-16	Nanded	214.3	3751.6	0	3965.8	203.6	3564.0	0	3767.5	1.5	49.3		50.7	0.0	0		0	91.2	852.2		943.4	92.7	901.5		994.2	1.5	49.3	0	50.7	110.9	2662.5	0	2773.4	45.5	25.3		26.4	safe	safe		safe
671	NPG	NPG-2	Nanded	643.1	1277.8	0	1920.9	610.9	1213.8	0	1824.8	25.7	9.4		35.1	0.0	0		0	114.3	294.3		408.6	140.0	303.7		443.7	25.7	9.4	0	35.1	470.9	910.2	0	1381.1	22.0	25.0		24.3	safe	safe		safe
672	NPG	NPG-3	Nanded																																								

Dynamic Ground Water Resources of Maharashtra 2024

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												Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total									C	NC
681	NR	NR-119	Nandur bar	3.7	211.6	0	215.2	3.3	201.0	0	204.3		53.3		53.3		0		0		58.4		58.4		111.7		111.7	0	53.3	0	53.3	3.3	89.3	0	92.6		55.6	54.7		safe		safe			
682	NR	NR-120	Nandur bar	0	855.4	0	855.4	0	812.6	0	812.6		137.0		137.0		0		0		148.8		148.8		285.7		285.7	0	137.0	0	137.0	0	526.9	0	526.9		35.2	35.2		safe		safe			
683	NR	NR-131	Nandur bar	0	801.8	0	801.8	0	761.7	0	761.7		46.5		46.5		0		0		16.2		16.2		62.7		62.7	0	46.5	0	46.5	0	699.0	0	699.0		8.2	8.2		safe		safe			
684	NR	NR-132	Nandur bar	0	1077.7	0	1077.7	0	1023.8	0	1023.8		151.2		151.2		0		0		298.9		298.9		450.1		450.1	0	151.2	0	151.2	0	573.7	0	573.7		44.0	44.0		safe		safe			
685	NR	NR-141	Nandur bar	0	939.4	0	939.4	0	892.4	0	892.4		54.5		54.5		0		0		181.8		181.8		236.3		236.3	0	54.5	0	54.5	0	656.1	0	656.1		26.5	26.5		safe		safe			
686	NR	NR-97	Nandur bar	0	437.3	0	437.3	0	415.5	0	415.5		6.1		6.1		0		0		8.3		8.3		14.4		14.4	0	6.1	0	6.1	0	401.1	0	401.1		3.5	3.5		safe		safe			
687	PA	PA-1	Jalna	0	602.4	0	602.4	0	572.3	0	572.3		21.4		21.4		0.4		0.4		280.8		280.8		302.6		302.6	0	43.2	0	43.2	0	247.9	0	247.9		52.9	52.9		safe		safe			
688	PG	PG-1	Yawat mal	865.1	3450.5	0	4315.5	778.5	3278.0	0	4056.5	29.9	104.3		134.2	0.2	2.1		2.2		114.4		734.9	849.3	144.5	841.3		985.7	29.9	104.3	0	134.2	634.1	2436.7	0	3070.8	18.6	25.7	24.3	safe	safe		safe		
689	PG	PG-1	Chandrapur	367.1	1384.4	0	1751.4	348.7	1315.2	0	1663.9	67.8	224.7		292.5	0.0	0		0		57.4		330.5	387.9	125.1	555.3		680.4	67.8	224.7	0	292.5	223.6	759.9	0	983.5	35.9	42.2	40.9	safe	safe		safe		
690	PG	PG-1	Buldha na	156.8	2453.4	0	2610.2	141.1	2330.7	0	2471.8	24.7	76.9		101.6	0.0	0		0		64.4		1919.0	1983.4	89.1	1995.9		2085.0	24.7	76.9	0	101.6	52.0	334.9	0	386.8	63.1	85.6	84.3	safe	semi_cri tical		semi_cri tical		
691	PG	PG-10	Yawat mal	0	941.4	0	941.4	0	894.3	0	894.3		30.5		30.5		0		0		66.4		66.4		96.9		96.9	0	30.5	0	30.5	0	797.4	0	797.4		10.8	10.8		safe		safe			
692	PG	PG-11	Yawat mal	18.5	1810.3	0	1828.8	17.5	1719.8	0	1737.3	16.3	94.4		110.8	0.0	0.1		0.1		3.2		531.1	534.3	19.5	625.7		645.2	16.3	94.4	0	110.8	1094.1	0	1094.1	11.1	36.4	37.1	over_ex plotted	safe		safe			
693	PG	PG-12	Yawat mal	0	1197.0	0	1197.0	0	1137.2	0	1137.2		130.5		130.5		0.2		0.2				162.5	162.5		293.2		293.2	0	130.5	0	130.5	0	844.0	0	844.0		25.8	25.8		safe		safe		
694	PG	PG-2	Yawat mal	3012.0	1733.8	0	4745.8	2710.8	1647.1	0	4358.0	46.9	45.6		92.4	1.9	0		1.9		259.9		674.7	934.7	308.7	720.3		1029.0	46.9	45.6	0	92.4	2402.1	926.8	0	3329.0	11.4	43.7	23.6	safe	safe		safe		
695	PG	PG-2	Buldha na	213.4	2810.9	0	3024.3	202.7	2670.3	0	2873.1	11.7	108.0		119.7	0.0	0		0		124.1		2172.5	2296.6	135.8	2280.5		2416.3	11.7	108.0	0	119.7	66.9	389.8	0	456.7	67.0	85.4	84.1	safe	semi_cri tical		semi_cri tical		
696	PG	PG-2	Chandrapur	217.9	1241.2	0	1459.1	207.0	1117.1	0	1324.1	10.8	175.9		186.7	0.1	3.2		3.3		31.7		68.4	100.1	42.6	247.5		290.1	10.8	175.9	0	186.7	164.4	869.5	0	1034.0	20.6	22.2	21.9	safe	safe		safe		
697	PG	PG-22	Washim	469.5	2383.9	0	2853.4	446.7	2264.7	0	2710.7	20.1	21.1		41.1	0.0	0		0		151.3		926.8	1078.1	171.4	947.9		1119.2	20.1	21.1	0	41.1	274.6	1316.9	0	1591.5	38.4	41.9	41.3	safe	safe		safe		
698	PG	PG-23	Washim	695.7	1806.1	0	2501.8	660.9	1715.8	0	2376.7	69.3	12.7		82.1	0.2	0		0.2		401.1		1272.0	1673.1	470.7	1284.7		1755.4	69.3	12.7	0	82.1	190.3	431.1	0	621.3	71.2	74.9	73.9	semi_cri tical	semi_cri tical		semi_cri tical		
699	PG	PG-24	Buldha na	152.7	686.6	0	839.3	145.1	617.9	0	763.0	10.6	13.7		24.4	0.0	0		0		28.9		415.9	444.8	39.6	429.6		469.2	10.6	13.8	0	24.4	105.5	188.3	0	293.9	27.3	69.5	61.5	safe	safe		safe		
700	PG	PG-24	Washim	389.4	975.1	0	1364.5	369.9	877.6	0	1247.5	0.0	33.4		33.4	0.0	0		0		57.6		587.1	644.8	57.6	620.5		678.1	0	33.4	0	33.4	312.3	257.1	0	569.4	15.6	70.7	54.4	safe	semi_cri tical		safe		
701	PG	PG-25	Buldha na	592.0	1079.4	0	1671.4	562.4	971.4	0	1533.8	10.7	56.4		67.1	0.0	0		0		94.3		725.6	819.9	105.0	782.0		887.0	10.7	56.4	0	67.1	457.4	189.5	0	646.8	18.7	80.5	57.8	safe	semi_cri tical		safe		
702	PG	PG-26	Buldha na	0	1450.3	0	1450.3	0	1377.8	0	1377.8		80.9		80.9		0		0				1100.2	1100.2		1181.0		1181.0	0	80.9	0	80.9	0	196.7	0	196.7		85.7	85.7		semi_cri tical		semi_cri tical		
703	PG	PG-3	Yawat mal	256.9	2025.7	0	2282.6	244.1	1924.4	0	2168.5	48.1	110.3		158.4	0.0	0.2		0.2		59.9		685.6	745.5	108.0	796.1		904.1	48.1	110.3	0	158.4	136.1	1128.3	0	1264.4	44.2	41.4	41.7	safe	safe		safe		
704	PG	PG-3	Buldha na	18.4	1812.9	0	1831.4	16.6	1722.3	0	1738.9	4.4	42.1		46.5	0.0	0		0		3.8		1553.6	1557.5	8.3	1595.7		1604.0	4.5	42.1	0	46.5	8.3	126.5	0	134.9	49.9	92.7	92.2	safe	critical		critical		
705	PG	PG-4	Buldha na	558.0	2273.5	0	2831.5	530.1	2159.8	0	2689.9	56.8	52.4		109.2	0.0	0		0		227.5		1519.4	1746.8	284.3	1571.1		1856.1	56.8	52.4	0	109.2	245.8	588.0	0	833.9	53.6	72.8	69.0	safe	semi_cri tical		safe		
706	PG	PG-4	Yawat mal	97.6	2028.6	0	2126.2	92.7	1927.2	0	2019.9	27.9	105.0		132.9	0.0	0.2		0.2		54.1		820.5	874.6	82.0	925.7		1007.7	27.9	105.0	0	132.9	10.7	1001.5	0	1012.2	88.5	48.0	49.9	semi_cri tical	safe		safe		
707	PG	PG-5	Washim	0	159.7	0	159.7	0	151.7	0	151.7		4.9		4.9		0		0				55.4	55.4		60.3		60.3	0	4.9	0	4.9	0	91.4	0	91.4		39.8	39.8		safe		safe		
708	PG	PG-5	Yawat mal	618.5	2083.8	0	2702.3	556.6	1979.6	0	2536.3	24.3	84.8		109.1	0.2	0		0.2		398.5		829.6	1228.1	423.0	914.4		1337.4	24.3	84.8	0	109.1	133.6	1065.2	0	1198.8	76.0	46.2	52.0	semi_cri tical	safe		safe		
709	PG	PG-5	Buldha na	232.5	1753.0	0	1985.5	220.3	1665.9	0	1886.2	11.0	66.3		77.3	0.0	0		0		166.4		1431.4	1598.1	177.7																				

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																				
71	9	PGA	PGA-1	Yawat mal	281.8	1829.4	0	2111.2	253.6	1738.0	0	1991.6	20.2	188.2		208.4	0.0	0	0	70.7	827.1		897.8	91.0	1015.2		1106.2	20.2	188.2	0	208.4	162.7	722.7	0	885.4	35.9	58.4	55.5	safe	safe		safe	
72	0	PGA	PGA-1	Washi m	945.0	3783.7	0	4728.7	897.7	3594.5	0	4492.3	61.7	55.4		117.1	0.0	0	0	139.3	2175.6		2314.9	201.0	2231.0		2432.0	61.7	55.4	0	117.1	696.7	1363.5	0	2060.3	22.4	62.1	54.1	safe	safe		safe	
72	1	PGA	PGA-2	Yawat mal	383.9	2096.9	0	2480.8	345.5	1992.1	0	2337.6	39.0	128.9		167.9	0.0	0	0	112.8	983.2		1096.0	151.8	1112.1		1263.9	39.0	128.9	0	167.9	193.7	880.0	0	1073.7	43.9	55.8	54.1	safe	safe		safe	
72	2	PGA	PGA-2	Washi m	59.1	1255.5	0	1314.5	56.1	1192.7	0	1248.8	14.2	71.1		85.3	0.0	0	0	5.8	704.5		710.3	20.1	775.6		795.6	14.2	71.1	0	85.3	36.1	417.1	0	453.2	35.7	65.0	63.7	safe	safe		safe	
72	3	PGA	PGA-3	Washi m	1002.5	4967.0	0	5969.5	952.3	4718.8	0	5671.2	73.8	112.2		186.0	0.0	0.2	0.2	170.5	2670.3		2840.8	244.7	2782.0		3027.0	73.8	112.2	0	186.0	708.0	1936.0	0	2644.2	25.9	59.0	53.4	safe	safe		safe	
72	4	PGA	PGA-3	Yawat mal	235.8	2449.0	0	2684.9	224.0	2326.6	0	2550.6	12.7	169.3		182.1	0.0	0.2	0.2	133.7	562.9		696.5	146.4	732.4		878.8	12.7	169.3	0	182.1	77.6	1594.2	0	1671.8	65.4	31.5	34.5	safe	safe		safe	
72	5	PGA	PGA-4	Yawat mal	369.3	2392.8	0	2762.1	332.4	2273.1	0	2605.5	36.4	158.3		194.7	0.0	0	0	109.3	965.5		1074.7	145.6	1123.8		1269.4	36.4	158.3	0	194.7	186.4	1149.0	0	1336.1	43.8	49.4	48.7	safe	safe		safe	
72	6	PGA	PGA-4	Washi m	137.0	1245.0	0	1382.3	130.3	1182.0	0	1313.0	15.9	30.9		46.9	0.0	0.3	0.3	51.7	552.2		603.9	67.6	583.5		651.1	15.9	30.9	0	46.9	62.6	599.3	0	661.9	51.9	49.3	49.6	safe	safe		safe	
72	7	PGA	PGA-5	Yawat mal	818.8	1446.8	0	2265.9	777.5	1374.5	0	2152.4	50.2	67.6		117.8	0.0	1.2	1.2	177.5	462.2		639.7	227.6	531.0		758.6	50.2	67.6	0	117.8	550.3	843.5	0	1393.3	29.3	38.6	35.2	safe	safe		safe	
72	8	PGA	PGA-6	Yawat mal	847.3	1479.7	0	2327.0	804.9	1405.7	0	2210.6	53.2	94.3		147.4	0.0	0.2	0.2	301.5	457.9		759.3	354.6	552.3		907.0	53.2	94.3	0	147.4	450.3	853.4	0	1303.7	44.3	39.3	41.0	safe	safe		safe	
72	9	PGA	PGA-7	Yawat mal	744.3	1270.3	0	2014.6	707.1	1206.8	0	1913.9	28.3	83.7		112.0	0.0	0	0	107.0	302.9		410.0	135.4	386.6		521.9	28.3	83.7	0	112.0	571.8	820.2	0	1392.0	19.0	32.0	27.3	safe	safe		safe	
73	0	PGA	PGA-8	Yawat mal	388.5	1958.1	0	2346.6	369.2	1860.2	0	2229.3	16.0	86.0		101.9	0.0	0	0	42.5	217.8		260.3	58.5	303.8		362.3	16.0	86.0	0	101.9	310.6	1556.4	0	1867.0	15.3	16.3	16.3	safe	safe		safe	
73	1	PGA	PGA-9	Yawat mal	203.4	1182.5	0	1385.9	183.1	1123.4	0	1306.4	0.0	66.2		66.2	0.0	0	0	46.1	292.0		338.0	46.1	358.2		404.2	0	66.2	0	66.2	137.0	765.2	0	902.2	25.2	31.9	30.9	safe	safe		safe	
73	2	PGA	PGAA-1	Washi m	210.4	1049.2	0	1259.6	199.9	996.8	0	1196.7	29.2	24.8		54.1	0.2	0.2	0.4	47.1	562.8		609.9	76.5	587.9		664.3	29.2	24.8	0	54.1	123.4	408.9	0	532.3	38.3	59.0	55.5	safe	safe		safe	
73	3	PGA	PGAA-1	Yawat mal	0	1052.0	0	1052.0	0	999.4	0	999.4		82.5		82.5	0	0	0		506.3		506.3		588.8		588.8	0	82.5	0	82.5	0	410.5	0	410.5	58.9	58.9		safe	safe		safe	
73	4	PGA	PGAA-2	Yawat mal	914.1	1058.7	0	1972.8	868.4	1005.8	0	1874.2	52.8	69.5		122.2	0.0	0	0	135.2	570.9		706.1	187.9	640.4		828.4	52.8	69.5	0	122.2	680.4	365.4	0	1045.8	21.7	63.7	44.2	safe	safe		safe	
73	5	PGA	PGAA-2	Washi m	363.8	832.9	0	1196.7	345.6	791.3	0	1136.8	25.1	18.9		44.1	0.0	0	0	61.7	479.5		541.3	86.8	498.5		585.3	25.1	18.9	0	44.1	258.7	292.8	0	551.5	25.0	63.0	51.5	safe	safe		safe	
73	6	PGA	PGAA-3	Washi m	857.8	3123.0	0	3980.8	814.9	2966.9	0	3781.7	58.9	47.5		106.4	0.2	0.1	0.3	182.7	1567.4		1750.1	241.8	1615.0		1856.8	58.9	47.5	0	106.4	573.1	1351.9	0	1925.0	29.4	54.4	49.1	safe	safe		safe	
73	7	PGA	PGAA-3	Yawat mal	899.9	1170.2	0	2070.1	809.9	1111.7	0	1921.6	30.2	88.4		118.7	0.0	0.2	0.2	77.7	525.0		602.7	107.9	613.7		721.6	30.3	88.4	0	118.7	702.0	498.1	0	1200.3	13.2	55.2	37.6	safe	safe		safe	
73	8	PGA	PGAA-4	Yawat mal	1228.7	1546.7	0	2774.7	1166.7	1469.3	0	2636.0	65.0	74.1		139.1	0.0	0	0	223.5	652.1		875.6	288.5	726.2		1014.7	65.0	74.1	0	139.1	878.2	743.1	0	1621.3	24.4	49.4	38.5	safe	safe		safe	
73	9	PGA	PGAA-4	Washi m	174.5	1357.1	0	1531.6	165.3	1289.3	0	1455.0	39.0	36.8		75.8	0.0	0	0	44.1	635.7		679.8	83.1	672.5		755.6	39.0	36.8	0	75.8	82.7	616.8	0	699.5	50.2	52.2	51.9	safe	safe		safe	
74	0	PGA	PGAA-5	Yawat mal	733.5	765.9	0	1499.4	696.8	727.6	0	1424.4	26.5	53.6		80.1	0.0	0	0	150.8	322.0		472.8	177.3	375.5		552.9	26.5	53.6	0	80.1	519.5	352.1	0	871.6	25.4	51.6	38.8	safe	safe		safe	
74	1	PGA	PGAK-1	Washi m	167.1	249.6	0	416.7	158.7	237.1	0	395.8	16.2	9.9		26.1	0.2	0	0.2	20.0	124.2		144.2	36.3	134.2		170.5	16.2	9.9	0	26.1	122.5	102.9	0	225.4	22.9	56.6	43.1	safe	safe		safe	
74	2	PGD	PGD	Yawat mal	189.6	1679.7	0	1869.6	170.7	1595.7	0	1766.4	20.3	67.3		87.7	0.2	0	0.2	27.0	715.2		742.2	47.5	782.5		830.0	20.3	67.3	0	87.7	123.1	813.2	0	936.3	27.8	49.0	47.0	safe	safe		safe	
74	3	PGD	PGD-1	Washi m	323.9	2899.8	0	3223.7	307.7	2754.8	0	3062.5	29.5	61.2		90.7	0.0	0	0	159.9	2045.0		2204.9	189.4	2106.2		2295.6	29.5	61.2	0	90.7	118.4	648.6	0	767.0	61.5	76.5	75.0	safe	semi_cri tical		semi_cri tical	
74	4	PGK	PGK-1	Yawat mal	315.4	1424.2	0	1739.6	283.9	1281.8	0	1565.6	16.6	103.6		120.3	0.0	0	0	85.4	512.9		598.3	102.1	616.5		718.6	16.6	103.6	0	120.3	181.8	665.3	0	847.1	36.0	48.1	45.9	safe	safe		safe	
74	5	PGK	PGK-2	Yawat mal	83.3	996.4	0	1079.7	79.1	946.6	0	1025.7	12.4	44.8		57.2	0.0	0	0	24.5	81.6		106.1	36.9	126.4		163.3	12.5	44.8	0	57.2	42.2	820.2	0	862.3	46.7	13.4	15.9	safe	safe		safe	
74	6	PGK	PGK-3	Yawat mal	1514.8	1467.1	0	2981.9	1439.1	1393.7	0	2832.8	41.0	70.0		111.0	0.0	0.2	0.2	175.5	197.4		372.9	216.5	267.6		484.1	41.0	70.0	0	111.0	1222.5	1126.1	0	2348.6	<							

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
757	PGP	PGP-2	Yawat mal	1824.6	1364.6	0	3189.2	1733.3	1296.4	0	3029.7	79.0	79.2		158.2	0.0	0		0	618.0	632.4		1250.4	696.9	711.6		1408.6	79.0	79.2	0	158.2	1036.4	584.8	0	1621.1	40.2	54.9		46.5	safe	safe		safe	
758	PGP	PGP-3	Yawat mal	1252.7	2609.5	0	3862.2	1190.1	2479.0	0	3669.1	68.1	130.0		198.1	0.0	0		0	444.1	1009.5		1453.5	512.2	1139.5		1651.7	68.1	130.0	0	198.1	677.9	1339.5	0	2017.4	43.0	46.0		45.0	safe	safe		safe	
759	PGP	PGP-4	Yawat mal	711.7	1045.6	0	1757.3	676.1	993.4	0	1669.4	38.6	106.9		145.5	0.0	0		0	297.0	617.1		914.0	335.6	724.0		1059.6	38.6	106.9	0	145.6	340.5	269.3	0	609.8	49.6	72.9		63.5	safe	semi critical		safe	
760	PGP	PGP-5	Yawat mal	533.0	1824.9	0	2357.8	506.3	1733.6	0	2239.9	28.5	119.5		148.0	0.0	0		0	442.8	778.3		1221.2	471.3	897.9		1369.2	28.5	119.5	0	148.0	35.0	835.8	0	870.8	93.1	51.8		61.1	critical	safe		safe	
761	PGV	PGV-1	Yawat mal	318.0	578.8	0	896.8	302.1	549.9	0	852.0	24.8	48.2		73.1	0.0	0		0	181.8	400.3		582.1	206.7	448.5		655.2	24.8	48.2	0	73.1	95.4	101.4	0	196.8	68.4	81.6		76.9	safe	semi critical		semi critical	
762	PGV	PGV-2	Yawat mal	0	391.2	0	391.2	0	371.6	0	371.6		43.1		43.1		0.2		0.2		77.8		77.8		121.1		121.1	0	43.1	0	43.1	0	250.5	0	250.5		32.6		32.6		safe			safe
763	PGV	PGV-3	Yawat mal	180.0	2197.1	0	2377.2	171.0	2087.3	0	2258.3	10.4	74.2		84.6	0.0	0.4		0.4	15.2	150.3		165.5	25.6	224.8		250.4	10.4	74.2	0	84.6	145.5	1862.4	0	2007.9	15.0	10.8		11.1	safe	safe		safe	
764	PGW	PGW-1	Yawat mal	435.0	1033.9	0	1469.3	413.3	982.2	0	1395.5	14.2	122.5		136.7	0.0	0.1		0.1	62.8	239.1		302.0	77.1	361.8		438.8	14.2	122.5	0	136.7	336.2	620.5	0	956.7	18.6	36.8		31.4	safe	safe		safe	
765	PGW	PGW-2	Yawat mal	273.1	1036.7	0	1309.9	259.5	984.9	0	1244.4	20.2	80.1		100.3	0.0	0		0	190.7	532.8		723.5	210.9	612.9		823.8	20.2	80.1	0	100.3	48.6	372.0	0	420.6	81.3	62.2		66.2	semi critical	safe		safe	
766	PGW	PGW-3	Yawat mal	33.7	1145.2	0	1179.0	30.4	1088.0	0	1118.3	0.0	91.2		91.2	0.0	0		0	5.4	258.7		264.1	5.4	349.9		355.3	0	91.2	0	91.2	24.9	738.1	0	763.0	17.9	32.2		31.8	safe	safe		safe	
767	PGW	PGW-4	Yawat mal	0	1159.7	0	1159.7	0	1101.7	0	1101.7		70.6		70.6		0		0		179.1		179.1		249.7		249.7	0	70.7	0	70.7	0	852.0	0	852.0		22.7		22.7		safe			safe
768	PGW	PGW-5	Yawat mal	674.9	1209.1	0	1884.2	641.6	1148.0	0	1789.8	53.1	46.6		99.7	0.0	0		0	197.0	195.3		392.3	250.1	242.0		492.0	53.1	46.6	0	99.8	391.1	906.7	0	1297.8	39.0	21.1		27.5	safe	safe		safe	
769	PPG	PPG-1	Hingoli	0	5205.7	0	5205.7	0	4945.4	0	4945.4		94.7		94.7		0		0		3101.9		3101.9		3196.6		3196.6	0	94.7	0	94.7	0	1748.8	0	1748.8		64.6		64.6		safe			safe
770	PPG	PPG-10	Hingoli	559.9	196.5	0	756.4	531.9	186.7	0	718.6	3.6	9.2		12.8	0.0	0		0	330.2	99.5		429.7	333.8	108.7		442.5	3.6	9.2	0	12.8	198.1	78.0	0	276.1	62.8	58.2		61.6	safe	safe		safe	
771	PPG	PPG-11	Hingoli	2967.8	1907.1	0	4874.9	2819.4	1811.8	0	4631.2	30.2	97.1		127.3	0.0	0		0	1516.2	1396.5		2912.7	1546.3	1493.6		3039.9	30.2	97.1	0	127.3	1273.1	318.2	0	1591.2	54.8	82.4		65.6	safe	semi critical		safe	
772	PPG	PPG-2	Hingoli	0	373.6	0	373.6	0	354.9	0	354.9		4.3		4.3		0		0		148.2		148.2		152.5		152.5	0	4.3	0	4.3	0	202.4	0	202.4		43.0		43.0		safe			safe
773	PPG	PPG-3	Hingoli	889.3	3147.1	0	4036.5	844.9	2989.8	0	3834.6	5.1	45.6		50.7	0.0	0		0	275.2	1476.8		1751.9	280.3	1522.4		1802.7	5.1	45.6	0	50.7	564.6	1467.4	0	2032.0	33.2	50.9		47.0	safe	safe		safe	
774	PPG	PPG-4	Hingoli	1276.4	2071.9	0	3348.3	1212.6	1968.3	0	3180.9	10.4	43.4		53.7	0.0	0		0	206.0	609.7		815.7	216.3	653.1		869.4	10.4	43.4	0	53.7	996.3	1315.2	0	2311.5	17.8	33.2		27.3	safe	safe		safe	
775	PPG	PPG-5	Hingoli	1344.0	1597.0	0	2940.9	1276.8	1517.1	0	2793.9	7.4	36.5		43.8	0.0	0		0	506.9	548.4		1055.3	514.3	584.9		1099.1	7.4	36.5	0	43.8	762.5	932.3	0	1694.8	40.3	38.6		39.3	safe	safe		safe	
776	PPG	PPG-6	Hingoli	790.9	4991.6	0	5782.4	751.3	4742.0	0	5493.3	24.8	141.3		166.1	0.0	1.5		1.5	215.0	2056.8		2271.8	239.6	2199.6		2439.4	24.8	141.3	0	166.1	511.5	2542.4	0	3053.9	31.9	46.4		44.4	safe	safe		safe	
777	PPG	PPG-7	Hingoli	1218.2	4747.6	0	5965.8	1157.3	4510.2	0	5667.5	92.6	265.2		357.7	0.0	0		0	598.3	2046.3		2644.3	690.5	2311.2		3002.1	92.6	265.2	0	357.7	466.7	2198.7	0	2665.4	59.7	51.2		53.0	safe	safe		safe	
778	PPG	PPG-8	Hingoli	616.8	3460.4	0	4077.2	585.9	3287.4	0	3873.4	30.3	114.3		144.6	0.0	0		0	150.2	1734.2		1884.5	180.5	1848.6		2029.1	30.3	114.3	0	144.6	405.9	1438.9	0	1844.3	30.8	56.2		52.4	safe	safe		safe	
779	PPG	PPG-9	Hingoli	1396.5	3176.9	0	4573.4	1326.7	3018.0	0	4344.7	18.2	53.5		71.6	0.0	0		0	217.0	816.1		1033.1	235.1	869.6		1104.7	18.2	53.5	0	71.6	1091.6	2148.4	0	3240.0	17.7	28.8		25.4	safe	safe		safe	
780	PR	PR-1	Gadchiroli	0	2087.9	0	2087.9	0	1983.5	0	1983.5		200.7		200.7		0		0		579.6		579.6		780.3		780.3	0	200.7	0	200.7	0	1203.1	0	1203.1		39.3		39.3		safe			safe
781	PR	PR-2	Gadchiroli	0	1824.8	0	1824.8	0	1733.6	0	1733.6		32.0		32.0		0		0		507.1		507.1		539.1		539.1	0	32.0	0	32.0	0	1194.5	0	1194.5		31.1		31.1		safe			safe
782	PR	PR-3	Gadchiroli	0	1392.7	0	1392.7	0	1253.4	0	1253.4		7.7		7.7		0		0		29.4		29.4		37.1		37.1	0	7.7	0	7.7	0	1216.3	0	1216.3		3.0		3.0		safe			safe
783	PR	PR-4	Gadchiroli	0	2237.4	0	2237.4	0	2125.6	0	2125.6		43.1		43.1		0		0		145.9		145.9		189.0		189.0	0	43.1	0	43.1	0	1936.5	0	1936.5		8.9		8.9		safe			safe
784	PR	PR-5	Chandrapur	0	277.7	0	277.7	0	249.9	0	249.9		69.2		69.2		0.1		0.1		56.3		56.3		125.5		125.5	0	69.2	0	69.2	0	124.4	0	124.4		50.2		50.2		safe			safe
785	PR	PR-6	Chand																																									

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)			Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit							
				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total			
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																							
795	PRT	PRT-0	Gadchiroli	0	2192.9	0	2192.9	0	2083.2	0	2083.2			44.2		44.2		0		0								0	44.2	0	44.2	0	1737.7	0	1737.7		16.6		16.6		safe		safe			
796	PT	PT	Jalgaon	144.9	2033.3	0	2178.1	130.4	1931.6	0	2062.0	6.6		107.1		113.7	0.0	2.5		2.5	57.9		1391.8		1449.7	64.5	1501.3		1565.8	6.6	107.1	0	113.7	65.9	430.3	0	496.2	49.5	77.7		75.9	safe	semi_critical		semi_critical	
797	PT	PT	Jalgaon	0	693.1	0	693.1	0	658.4	0	658.4			31.5		31.5		0		0			338.7		338.7			370.2	0	31.5	0	31.5	0	288.2	0	288.2		56.2		56.2		safe		safe		
798	PT	PT-1	Amravati	0	32.0	0	32.0	0	30.4	0	30.4			6.3		6.3		0		0			9.0		9.0			15.3	0	6.3	0	6.3	0	15.0	0	15.0		50.5		50.5		safe		safe		
799	PT	PT-10	Buldhana	0	1964.5	375	2339.8	0	1768.6	356.6	2124.6			79.7	8.7	88.4	0	0	0	0			3484.3	23.7	3508.0		3564.1	32.4	3596.4	0	79.7	9	79.7	0	0.0	324.2	0.0	201.6	9.1	201.6		over_exploited	safe	over_exploited		
800	PT	PT-11	Buldhana	48.2	3040.4	301	3390.0	43.4	2888.4	271.2	3203.0	19.9		71.1	12.4	103.5	0.0	0	0	0	7.1		3881.4	25.0	3913.4	27.0	3952.5	37.4	4016.9	19.9	71.1	12	91.0	16.4	0.0	233.8	16.4	62.2	13.8	13.8	safe	over_exploited	safe	over_exploited		
801	PT	PT-12	Buldhana	137.0	1922.6	0	2059.7	130.2	1826.5	0	1956.7	6.1		60.5		66.5	0.0	0	0	0	45.9		1253.0		1298.9	52.0	1313.5		1365.4	6.1	60.5	0	66.5	78.2	513.0	0	591.3	39.9	71.9		69.8	safe	semi_critical		safe	
802	PT	PT-13	Jalgaon	0	1855.0	0	1855.0	0	1762.3	0	1762.3			84.9		84.9		3.3		3.3			1148.3		1148.3			1236.6	0	85.0	0	85.0	0	525.7	0	525.7		70.2		70.2		semi_critical		semi_critical		
803	PT	PT-13	Buldhana	6.2	603.3	0	609.4	5.5	573.1	0	578.6			14.6		14.6		0		0			385.6		385.6			400.1	0	14.6	0	14.6	5.5	173.0	0	178.5		69.8		69.2		safe		safe		
804	PT	PT-14	Buldhana	533.3	1005.2	0	1538.5	506.7	954.9	0	1461.6	13.3		13.4		26.7	0.0	0	0	209.7			692.2		901.9	223.0	705.6		928.6	13.3	13.4	0	26.7	283.7	249.3	0	533.0	44.0	73.9		63.5	safe	semi_critical		safe	
805	PT	PT-15	Buldhana	36.9	2028.0	129	2193.7	33.2	1926.6	115.9	2075.7	3.3		37.7	3.1	44.2	0.0	0	0	0	7.2		1677.3	17.8	1702.3	10.5	1715.0	21.0	1746.5	3.3	37.7	3	41.0	22.7	211.6	94.9	234.3	31.7	89.0	18.0	88.0	safe	semi_critical	safe	semi_critical	
806	PT	PT-16	Buldhana	0	397.0	35	431.6	0	357.3	32.8	390.1			9.5	6.9	16.3		0	0	0			239.8	56.0	295.8			249.3	0	9.5	7	9.5	0	108.0	0	108.0		69.8	19.4	69.8		safe	over_exploited	safe		
807	PT	PT-17	Akola	0	925.9	0	925.9	0	833.3	0	833.3			34.4		34.4		0		0			188.9		188.9			223.4	0	34.5	0	34.5	0	609.9	0	609.9		26.8		26.8		safe		safe		
808	PT	PT-18	Akola	143.7	1157.3	538	1838.6	136.6	1099.4	483.9	1719.9	40.5		87.8	7.0	135.3	0.2	0	0	0.2	75.2		391.2	1.6	468.0	115.9	479.0	8.6	603.5	40.5	87.8	7	128.3	20.7	620.4	475.3	641.1	84.9	43.6	1.8	48.1	semi_critical	safe	safe	safe	
809	PT	PT-19	Akola	385.1	615.4	550	1558.9	365.9	584.6	501.7	1452.2	38.6		23.2	5.7	67.5	0.0	0	0	0	16.4		86.5	0.0	102.9	55.0	109.7	5.7	170.4	38.6	23.2	6	61.8	310.9	474.8	496.1	785.7	15.0	18.8	1.1	17.3	safe	safe	safe	safe	
810	PT	PT-2	Amravati	0.5	1547.2	542	2090.0	0.4	1470.5	514.5	1985.5			22.3	0.0	22.3		0	0	0			3216.0	63.2	3279.2		3238.3	63.2	3301.5	0	22.3	0	22.3	0.4	0.0	451.4	0.4	220.2	0.2	220.1		over_exploited	safe	over_exploited		
811	PT	PT-20	Amravati	0	1383.0	45	1427.5	0	1244.7	40.1	1284.8			8.3	27.5	35.9		0	0	0			1000.4	83.1	1083.5		1008.7	110.6	1119.3	0	8.3	28	8.3	0	236.0	0	236.0		81.0	27.6	81.0		semi_critical	over_exploited	semi_critical	
812	PT	PT-20	Akola	51.9	1558.2	0	1610.1	49.3	1480.3	0	1529.6	9.2		149.5		158.7	0.0	0	0	0	13.3		994.6		1007.9	22.5	1144.1		1166.7	9.2	149.5	0	158.7	26.7	336.2	0	362.9	45.8	77.3		76.3	safe	semi_critical		semi_critical	
813	PT	PT-3	Amravati	0	0.0	1615	1614.7	0	0.0	1533.9				6.8	6.8			0	0				21.1		21.1			27.9	0	0.0	7	0.0	0	0.0	150.6	0.0			1.8	0		salinity	salinity			
814	PT	PT-4	Akola	0	11.9	0	11.9	0	11.3	0	11.3			3.1		3.1		0		0			4.6		4.6			7.7	0	3.1	0	3.1	0	3.7	0	3.7		67.5		67.5		safe		safe		
815	PT	PT-4	Amravati	0	6.2	0	6.2	0	5.9	0	5.9			0.6		0.6		0		0			2.6		2.6			3.2	0	0.6	0	0.6	0	2.7	0	2.7		54.2		54.2		safe		safe		
816	PT	PT-5	Akola	39.9	1811.8	152	2010.2	35.9	1721.2	150.6	1907.7	9.6		47.0	3.2	59.9	0.0	0	0	0	13.0		951.8	14.2	979.0	22.6	998.9	17.4	1038.9	9.6	47.1	3	56.7	13.3	722.3	133.2	735.6	63.0	58.0	11.5	58.1	safe	safe	safe	safe	
817	PT	PT-6	Amravati	0	11.5	0	11.5	0	10.4	0	10.4			0.9		0.9		0		0			5.4		5.4			6.3	0	0.9	0	0.9	0	4.1	0	4.1		60.8		60.8		safe		safe		
818	PT	PT-6	Akola	0	1286.7	59	1346.2	0	1222.4	53.5	1275.9			27.3	3.0	30.2		0	0	0			796.4	7.1	803.5		823.7	10.0	833.7	0	27.3	3	27.3	0	398.7	43.5	398.7		67.4	18.7	67.4		safe	safe	safe	
819	PT	PT-7	Akola	2314.2	3602.6	223	6139.9	2082.8	3242.3	200.8	5525.9	38.9		68.1	6.4	113.4	0.0	0	0	0			1036.3	2480.8	253542.8	1075.2	2548.9	32.1	3656.2	38.9	68.1	6	107.0	1007.6	693.4	168.7	1701.0	51.6	78.6	16.0	68.1	safe	semi_critical	safe	safe	
820	PT	PT-8	Buldhana	88.0	236.1	0	324.1	79.2	224.3	0	303.5	4.1		1.9		6.1	0.0	0	0	0			35.6		166.8		202.4	39.7	168.8		4.1	1.9	0	6.1	39.5	55.5	0	95.0	50.2	75.2		68.7	safe	semi_critical		safe
821	PT	PT-8	Akola	1293.3	196.0	0	1489.2	1164.0	176.4	0	1340.3	17.0		8.1		25.1	0.0	0	0	0			532.7		203.3		736.0		761.1	17.0	8.1	0	25.1	614.3	0.0	0	614.3	47.2	11.9	79.1		56.8	safe	over_exploited		safe
822	PT	PT-9	Buldhana	0.4	168.3	5	173.7	0.4	151.5	4.5	156.3			5.8	1.9	7.7		0	0	0			68.0	1.6	69.7		73.8	3.6	77.4	0	5.8	2	5.8	0.4	77.7	0.9	78.0		48.7	79.1	48.6		safe	semi_critical		safe
823	PTB	PTB-1	Amravati	0	7.6	0	7.6	0	6.9	0	6.9			0.1		0.1		0		0			0.0		0																					

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
833	PTG	PTG-1	Buldha na	160.2	1737.2	0	1897.4	144.2	1650.3	0	1794.5	9.8	58.9		68.6	0.0	0	0	81.5	1244.3		1325.7	91.3	1303.1		1394.4	9.8	58.9	0	68.6	52.9	347.2	0	400.1	63.3	79.0	77.7	safe	semi_cri tical		semi_cri tical			
834	PTG	PTG-2	Buldha na	35.5	674.5	0	709.9	33.7	607.0	0	640.7	4.8	16.6		21.4	0.0	0	0	10.9	353.1		364.0	15.7	369.7		385.4	4.8	16.6	0	21.4	18.0	237.3	0	255.3	46.6	60.9	60.2	safe	safe		safe			
835	PTG	PTG-3	Buldha na	0	1572.6	0	1572.6	0	1494.0	0	1494.0		38.2		38.2	0	0	0		1278.8		1278.8		1317.0		1317.0	0	38.2	0	38.2	0	177.0	0	177.0		88.2	88.2		semi_cri tical		semi_cri tical			
836	PTG	PTG-4	Buldha na	34.1	606.2	0	640.4	30.7	575.9	0	606.6		19.0		19.0	0	0	0		474.2		474.2		493.2		493.2	0	19.0	0	19.0	30.7	82.7	0	113.4		85.6	81.3		semi_cri tical		semi_cri tical			
837	PTG	PTG-5	Buldha na	693.5	958.7	0	1652.8	658.8	910.8	0	1569.6	38.8	13.2		52.0	0.0	0	0	463.4	945.4		1408.8	502.2	958.7		1460.9	38.8	13.2	0	52.0	156.6	0.0	0	156.6	76.2	105.3	93.1	semi_cri tical	over_ex ploited		critical			
838	PTG	PTGB-1	Buldha na	218.2	1748.0	0	1966.2	207.3	1573.2	0	1780.5	6.2	144.6		150.7	0.0	0	0	21.3	717.4		738.7	27.5	862.0		889.5	6.2	144.6	0	150.8	179.8	711.2	0	891.1	13.3	54.8	50.0	safe	safe		safe			
839	PTG	PTGI-1	Buldha na	0	459.4	184	643.4	0	436.4	174.8	611.2		89.2	6.1	95.3		0	0	0		167.9	23.8	191.7		257.1	29.9	286.9	0	89.2	6	89.2	0	179.3	145.0	179.3		58.9	17.1	58.9		safe	safe		safe
840	PTG	PTGID-1	Buldha na	0	445.9	121	566.5	0	423.6	108.6	532.1		13.3	4.3	17.6		0	0	0		138.4	0.8	139.2		151.7	5.1	156.7	0	13.3	4	13.3	0	271.9	103.5	271.9		35.8	4.7	35.8		safe	safe		safe
841	PTG	PTGIM-1	Buldha na	0	1202.8	0	1202.8	0	1142.6	0	1142.6		43.6		43.6	0	0	0		636.2		636.2		679.8		679.8	0	43.7	0	43.7	0	462.8	0	462.8		59.5	59.5		safe			safe		
842	PTK	PTK-1	Akola	300.5	1600.0	0	1900.5	285.5	1520.0	0	1805.5	14.4	53.0		67.3	0.0	0	0	68.1	897.4		965.5	82.5	950.4		1032.9	14.4	53.0	0	67.4	203.0	569.6	0	772.6	28.9	62.5	57.2	safe	safe		safe			
843	PTK	PTK-2 B	Akola	0	429.3	0	429.3	0	386.3	0	386.3		35.5		35.5	0	0	0		220.4		220.4		255.9		255.9	0	35.5	0	35.5	0	130.5	0	130.5		66.2	66.2		safe			safe		
844	PTK	PTK-2 B	Washi m	258.9	1398.8	0	1657.7	246.0	1328.9	0	1574.9	24.2	68.9		93.2	3.2	0	3.2	48.9	867.3		916.1	76.2	936.2		1012.5	24.2	68.9	0	93.2	169.8	392.6	0	562.4	31.0	70.5	64.3	safe	semi_cri tical		safe			
845	PTK	PTK-3 B	Akola	15.2	223.3	0	238.5	13.7	201.0	0	214.6	0.6	6.1		6.7	0.0	0	0	10.7	134.0		144.7	11.3	140.2		151.5	0.6	6.1	0	6.7	2.4	60.8	0	63.2	82.5	69.8	70.6	semi_cri tical	safe		semi_cri tical			
846	PTK	PTK-3 B	Washi m	449.2	2265.8	0	2715.0	426.8	2152.5	0	2579.3	11.2	59.1		70.4	0.0	0.2	0.3	72.5	992.6		1065.1	83.8	1052.0		1135.8	11.2	59.1	0	70.4	343.5	1100.5	0	1443.5	19.6	48.9	44.0	safe	safe		safe			
847	PTK	PTK-4 B	Akola	229.9	921.6	0	1151.5	218.5	829.4	0	1047.9	10.0	22.9		32.8	0.0	0	0	75.4	503.7		579.1	85.3	526.6		611.9	10.0	22.9	0	32.9	133.1	302.8	0	436.0	39.1	63.5	58.4	safe	safe		safe			
848	PTK	PTK-4 B	Washi m	0	29.3	0	29.3	0	27.8	0	27.8		3.8		3.8	0	0	0		19.9		19.9		23.7		23.7	0	3.8	0	3.8	0	4.1	0	4.1		85.2	85.2		semi_cri tical		semi_cri tical			
849	PTK	PTKP-1 B	Washi m	144.2	779.8	0	924.0	137.0	701.8	0	838.8	15.3	42.5		57.8	0.0	0	0	33.6	492.9		526.5	48.9	535.4		584.2	15.3	42.5	0	57.8	88.2	166.4	0	254.6	35.7	76.3	69.6	safe	semi_cri tical		safe			
850	PTK	PTKP-1 B	Akola	269.6	1821.5	0	2091.2	256.2	1639.4	0	1895.5	15.7	37.2		52.9	0.0	0	0	157.5	1075.9		1233.3	173.2	1113.0		1286.2	15.7	37.2	0	52.9	83.0	526.3	0	609.3	67.6	67.9	67.9	safe	safe		safe			
851	PTM	PTM-1	Akola	27.8	426.0	0	453.8	25.0	383.4	0	408.4	1.6	10.1		11.7	0.0	0	0	19.0	236.9		256.0	20.6	247.0		267.7	1.6	10.1	0	11.7	4.4	136.4	0	140.7	82.6	64.4	65.5	semi_cri tical	safe		safe			
852	PTM	PTM-2	Akola	135.6	1062.7	0	1198.3	128.9	1009.5	0	1138.4	9.5	3.6		13.1	0.0	0	0	89.1	313.3		402.4	98.6	316.9		415.5	9.5	3.6	0	13.1	30.2	692.6	0	722.9	76.5	31.4	36.5	semi_cri tical	safe		safe			
853	PTM	PTM-2	Buldha na	0	412.1	0	412.1	0	391.5	0	391.5		15.1		15.1	0	0	0		176.7		176.7		191.8		191.8	0	15.1	0	15.1	0	199.7	0	199.7		49.0	49.0		safe			safe		
854	PTM	PTM-3	Buldha na	77.0	2626.3	0	2703.3	69.3	2495.0	0	2564.3	12.3	73.6		85.9	0.0	0	0	5.9	1271.8		1277.7	18.2	1345.4		1363.6	12.3	73.6	0	85.9	51.1	1149.6	0	1200.7	26.3	53.9	53.2	safe	safe		safe			
855	PTM	PTM-3	Akola	0	73.4	0	73.4	0	66.0	0	66.0		1.0		1.0	0	0	0		19.2		19.2		20.3		20.3	0	1.0	0	1.0	0	45.8	0	45.8		30.7	30.7		safe			safe		
856	PTM	PTM-4	Akola	98.0	291.1	0	389.1	93.1	276.5	0	369.7	7.1	8.0		15.2	0.0	0	0	48.7	179.3		228.0	55.8	187.4		243.1	7.1	8.1	0	15.2	37.4	89.2	0	126.5	59.9	67.8	65.8	safe	safe		safe			
857	PTM	PTMB-1	Akola	0	33.0	0	33.0	0	29.7	0	29.7		0.6		0.6	0	0	0		7.0		7.0		7.6		7.6	0	0.6	0	0.6	0	22.0	0	22.0		25.7	25.7		safe			safe		
858	PTM	PTMB-1	Buldha na	276.2	1386.2	591	2253.0	262.4	1316.9	531.5	2110.8	18.1	43.2		89.2	0.0	0	0	0	49.1	750.4		861.8	62.3	793.7		951.0	18.1	43.2	28	61.3	195.3	523.3	441.3	718.5	25.6	60.3	17.0	54.5	safe	safe	safe	safe	
859	PTM	PTMM-1	Akola	0	193.3	0	193.3	0	183.6	0	183.6		3.7		3.7	0	0	0		51.9		51.9		55.6		55.6	0	3.7	0	3.7	0	128.0	0	128.0		30.3	30.3		safe			safe		
860	PTM	PTMM-1	Buldha na	714.6	2035.3	0	2749.9	678.9	1831.8	0	2510.7	25.7	42.9		68.6	0.0	0	0	344.5	1195.6		1540.1	370.3	1238.4		1608.7	25.7	42.9	0	68.6	308.6	593.3	0	902.0	54.5	67.6	64.1	safe	safe		safe			
861	PTM	PTMN-1	Buldha na	0	428.1	0	428.1	0	406.7	0	406.7		10.9		10.9	0	0	0		125.9		125.9		136.9		136.9	0	10.9	0	10.9	0	269.8	0	269.8		33.6	33.6		safe			safe		
862	PTM	PTMN-1 B	Akola	0	284.7	0	284.7																																					

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC
871	PTN	PTN-2	Buldha na	458.7	1493.0	0	1951.7	435.8	1418.3	0	1854.1	37.3	70.5		107.8	0.0	0		0	226.2	569.5		795.8	263.5	640.0		903.5	37.3	70.5	0	107.8	172.3	778.3	0	950.6	60.5	45.1	48.7	safe	safe		safe			
872	PTN	PTN-3	Buldha na	0	964.1	0	964.1	0	915.9	0	915.9		42.2		42.2		0		0		475.8		475.8		518.0		518.0	0	42.2	0	42.2	0	397.9	0	397.9		56.6	56.6		safe	safe		safe		
873	PTP	PTP-1	Amrav ati	748.1	2685.3	22.9	3662.7	710.8	2416.2	206.2	3333.7	34.3	111.3	0.0	145.6	0.0	0	0	0	230.2	1309.2	115.5	1654.9	264.5	1420.5	115.5	1800.5	34.3	111.3	0	145.6	446.2	996.3	90.7	1442.5	37.2	58.0	56.0	53.9	safe	safe	safe	safe		
874	PTP	PTP-2	Amrav ati	3.0	2193.0	26.7	2463.1	2.7	2083.3	240.5	2326.5		17.3	30.4	47.7		0	0	0		480.5	92.0	572.5		497.8	122.4	620.3	0	17.3	30	17.3	2.7	1585.5	118.1	1588.2		23.9	50.9	23.9		safe	safe		safe	
875	PTP	PTP-2	Akola	0	81.8	0	81.8	0	73.6	0	73.6		3.0		3.0		0		0		4.6		4.6		7.6		7.6	0	3.0	0	3.0	0	66.0	0	66.0		10.3		10.3			safe		safe	
876	PTP	PTP-3	Amrav ati	0	80.8	14.69	1549.6	0	72.8	139.53	1468.1		4.7	29.1	33.8		0	0	0		5.2	201.2	206.4		9.9	230.3	240.3	0	4.7	29	4.7	0	62.8	116.50	62.8		13.6	16.5	13.6			safe	safe	safe	
877	PTP	PTP-3	Akola	0	164.6	0	164.6	0	156.4	0	156.4		3.6		3.6		0		0		34.6		34.6		38.2		38.2	0	3.6	0	3.6	0	118.2	0	118.2		24.4		24.4			safe		safe	
878	PTP	PTP-4	Amrav ati	12.8	2205.6	7	2225.2	11.5	2095.3	6.1	2112.9		188.3	5.8	194.0		0	0	0		1165.7	27.2	1192.9		1353.9	33.0	1386.9	0	188.3	6	188.3	11.5	741.4	0	752.9		64.6	53.94	64.3		safe	over_ex ploited		safe	
879	PTP	PTP-4	Akola	0	216.9	0	216.9	0	206.1	0	206.1		0.7		0.7		0		0		142.2		142.2		142.9		142.9	0	0.7	0	0.7	0	63.2	0	63.2		69.3		69.3			safe		safe	
880	PTP	PTP-5	Amrav ati	0	353.5	22	375.5	0	335.9	19.8	355.6		4.0	12.1	16.1		0	0	0		31.1	87.8	118.9		35.1	99.9	135.0	0	4.0	12	4.0	0	300.8	0	300.8		10.5	50.57	10.5			safe	over_ex ploited		safe
881	PTP	PTP-6	Amrav ati	152.6	4482.4	13.5	4770.0	145.0	4034.2	121.4	4300.6	12.0	253.5	4.1	269.6		0.0	0	0	0	52.2	2904.2	20.4	2976.8	64.2	3157.7	24.5	3246.4	12.0	253.5	4	265.5	80.8	876.5	96.9	957.3	44.3	78.2	20.2	77.1	safe	semi_cri tical	safe	semi_cri tical	
882	PTR	PTR-1	Akola	0	730.9	34.0	1071.3	0	694.3	323.4	1017.8		22.0	2.6	24.5		0.3	0	0.3		437.5	2.3	439.8		459.8	4.9	464.7	0	22.0	3	22.0	0	234.5	318.6	234.5		66.2	1.5	66.2			safe	safe	safe	
883	PTR	PTR-2	Akola	101.7	1711.8	0	1813.6	96.6	1626.3	0	1722.9	9.4	366.8		376.2		0.0	0		0	50.1	1079.4		1129.5	59.4	1446.2		1505.6	9.4	366.8	0	376.2	37.2	180.0	0	217.3	61.5	88.9	87.4		safe	semi_cri tical		semi_cri tical	
884	PTR	PTR-3 B	Washi m	269.3	1196.9	0	1466.9	255.9	1137.0	0	1392.9	26.3	54.9		81.2	0.0	0.5		0.5	40.5	580.2		620.6	66.7	635.6		702.3	26.3	54.9	0	81.2	189.1	501.5	0	690.6	26.1	55.9	50.4		safe	safe		safe		
885	PTR	PTR-3 B	Akola	343.6	1300.9	0	1644.6	309.3	1170.8	0	1480.1	14.5	377.6		392.0		0.0	0	0	190.5	629.8		820.3	205.0	1007.3		1212.3	14.5	377.6	0	392.0	104.3	163.5	0	267.8	66.3	86.0	81.9		safe	semi_cri tical		semi_cri tical		
886	PTR	PTR-4	Akola	0	1953.31	5	2268.3	0	1855.4	283.7	2139.1		473.2	0.7	474.0		0	0	0		1045.6	33.3	1078.9		1518.9	34.0	1552.8	0	473.2	1	473.2	0	336.5	249.7	336.5		81.9	12.0	81.9			semi_cri tical	safe	semi_cri tical	
887	PTS	PTS-1	Amrav ati	1423.2	1271.5	10.39	3733.9	1352.0	1144.2	935.2	3431.6	4.7	46.7		24.0		0.0	0	0	455.2	629.5	213.1	1297.8	460.0	676.2	237.1	1373.3	4.7	46.8	24	51.5	892.1	468.2	1360.3	34.0	59.1	25.4	45.5		safe	safe	safe	safe		
888	PTS	PTS-1	Akola	0	0.0	47.8	477.6	0	0.0	429.9	429.9				11.5			0	0				13.0			24.5	24.5	0	0.0	12	0.0	0	0.0	405.4	0.0		5.7	0			salinity	salinity			
889	PTS B	PTSB-1	Amrav ati	918.7	1478.4	18.8	2581.8	872.7	1330.0	166.6	2369.6	6.9	15.9		56.0		78.8	0.0	0	0	520.3	1059.3	31.3	1611.4	527.1	1075.1	87.5	1690.0	6.9	15.9	56	22.8	345.3	255.7	78.5	601.0	60.4	80.8	52.7		safe	semi_cri tical	safe	semi_cri tical	
890	PTS B	PTSB-1	Akola	182.2	644.7	9	835.9	164.0	612.5	8.1	784.6	3.9	21.9	2.5	28.3		0.0	0	0	125.1	487.9	0.0	613.0	129.0	509.7	2.5	641.3	3.9	21.9	3	25.8	34.9	102.7	5.6	137.7	78.7	83.2	30.3		semi_cri tical	semi_cri tical	safe	semi_cri tical		
891	PTS P	PTSP-1	Akola	307.7	1310.3	49.3	2111.4	292.1	1179.6	468.6	1940.0	9.2	15.4	9.7	34.2		0.0	0	0	77.0	732.9	80.3	890.2	86.2	748.3	89.9	924.4	9.2	15.4	10	24.6	206.1	430.8	378.7	636.9	29.5	63.2	19.2	56.7		safe	safe	safe	safe	
892	PTS P	PTSP-1	Amrav ati	0	0.0	80	79.8	0	0.0	71.8	71.8				0.0	0.0			0			7.1	7.1			7.1	7.1	0	0.0	0	0.0	0	0.0	64.7	0.0		9.8	0			salinity	salinity			
893	PTU	PTU-1 B	Washi m	295.8	871.2	0	1167.0	281.0	827.7	0	1108.7	2.7	41.9		44.5	0.0	0.2		0.2	37.6	570.2		607.8	40.3	612.3		652.5	2.7	41.9	0	44.5	240.7	215.4	0	456.2	14.3	74.0	58.9		safe	semi_cri tical		safe		
894	PTU	PTU-1 B	Akola	245.6	879.5	16	1141.4	233.4	835.5	14.7	1083.5	15.8	16.0	0.5	32.3		0.0	0	0	151.8	620.0	3.7	775.5	167.6	636.1	4.2	807.9	15.8	16.0	1	31.8	65.8	199.4	10.5	265.2	71.8	76.1	28.9	75.2		semi_cri tical	semi_cri tical	safe	semi_cri tical	
895	PTU	PTU-2	Amrav ati	0	6.6	0	6.6	0	5.9	0	5.9		0.0		0.0		0		0		0.0		0		0.0		0.0	0	0.0	0	0.0	0	5.9	0	5.9		0.0		0.0			safe		safe	
896	PTU	PTU-2 B	Akola	72.6	1841.9	14	1928.8	69.0	1749.8	13.5	1832.4	2.0	50.2	0.8	53.0		0.0	0.1	0	0.1	48.8	1078.5	33.2	1160.6	50.8	1128.8	34.1	1213.7	2.0	50.2	1	52.2	18.1	621.1	0	639.2	73.7	64.5	25.17	64.9		semi_cri tical	safe	over_ex ploited	safe
897	PTU	PTU-2 B	Washi m	12.3	583.2	0	595.4	11.7	524.8	0	536.5	0.0	31.9		31.9	0.0	0		0	5.5	408.8		414.2	5.5	440.7		446.1	0	31.9	0	31.9	6.2	84.1	0	90.4	69.8	67.0	83.2		safe	semi_cri tical		semi_cri tical		
898	PTV	PTV-1	Buldha na	894.9	1476.2	0	2371.0	805.4	1402.4	0	2207.7	36.2	32.3		68.5	0.0	0		0	525.8	915.6		1441.3	562.0	947.8		1509.8	36.2	32.3	0	68.5	243.4	454.5	0</											

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	P	Q	Total	C	NC	PQ					Total	C	NC	PQ												
90	9	SA	SA-13	Beed	386.9	1668.2	0	2055.1	367.6	1584.8	0	1952.3	31.9	97.1	129.0	0.0	0	0	222.0	1265.9	1487.8	253.9	1363.0	1616.9	31.9	97.1	0	129.0	113.7	221.8	0	335.5	69.1	86.0	82.8	safe	semi_cri		semi_cri				
91	0	SA	SA-14	Beed	353.3	1639.6	0	1992.9	335.7	1557.6	0	1893.3	26.8	75.2	102.0	0.0	0	0	185.7	1015.1	1200.9	212.6	1090.3	1302.9	26.8	75.2	0	102.0	123.1	467.3	0	590.4	63.3	70.0	68.8	safe	semi_cri		safe				
91	1	SA	SA-14	Ahmednagar	0	610.8	0	610.8	0	580.2	0	580.2		23.9	23.9	0	0	0		314.2	314.2		338.1	338.1	0	23.9	0	23.9	0	242.1	0	242.1	58.3	58.3		safe		safe					
91	2	SA	SA-15	Solapur	16.0	594.4	0	610.4	14.4	564.7	0	579.1		21.9	21.9	0	0	0		446.9	446.9		468.8	468.8	0	21.9	0	21.9	14.4	95.9	0	110.3	83.0	81.0		semi_cri		semi_cri					
91	3	SA	SA-15	Beed	153.3	2310.2	0	2464.7	145.3	2195.3	0	2341.0	9.8	49.4	59.2	0.0	0	0	39.7	1282.8	1322.5	49.5	1332.2	1381.7	9.8	49.4	0	59.2	96.2	863.1	0	959.3	34.0	60.7	59.0	safe	safe		safe				
91	4	SA	SA-15	Ahmednagar	0	1852.0	0	1852.0	0	1759.4	0	1759.4		43.3	43.3	0	0	0		718.6	718.6		761.9	761.9	0	43.3	0	43.3	0	997.5	0	997.5	43.3	43.3		safe		safe					
91	5	SA	SA-16	Solapur	15.2	948.0	0	963.2	13.7	900.6	0	914.3		46.8	46.8	0	0	0		985.8	985.8		1032.6	1032.6	0	46.8	0	46.8	13.7	0.0	0	13.7	11.4	11.2		over_exploited		over_exploited					
91	6	SA	SA-16	Ahmednagar	981.6	1313.3	0	2294.9	932.5	1247.6	0	2180.1	22.3	43.3	65.5	0.0	0	0	177.2	734.7	911.9	199.5	778.0	977.5	22.3	43.3	0	65.5	733.0	469.6	0	1202.6	21.4	62.4	44.8	safe	safe		safe				
91	7	SA	SA-17	Ahmednagar	0.4	2539.3	0	2539.7	0.4	2412.4	0	2412.7		87.1	87.1	0	0	0		1411.2	1411.2		1498.3	1498.3	0	87.1	0	87.1	0.4	914.1	0	914.5	62.1	62.1		safe		safe					
91	8	SA	SA-18	Ahmednagar	1.6	1069.2	0	1070.8	1.4	1015.7	0	1017.1		50.2	50.2	0	0	0		552.4	552.4		602.6	602.6	0	50.2	0	50.2	1.4	413.1	0	414.5	59.3	59.2		safe		safe					
91	9	SA	SA-19	Ahmednagar	0	2369.6	0	2369.6	0	2251.1	0	2251.1		125.7	125.7	0	0	0		1313.2	1313.2		1439.0	1439.0	0	125.7	0	125.7	0	812.1	0	812.1	63.9	63.9		safe		safe					
92	0	SA	SA-2	Ahmednagar	0	2759.1	0	2759.1	0	2621.1	0	2621.1		99.9	99.9	0	0	0		1578.6	1578.6		1678.4	1678.4	0	99.9	0	99.9	0	942.7	0	942.7	64.0	64.0		safe		safe					
92	1	SA	SA-20	Solapur	26.9	1247.7	0	1274.6	24.2	1185.3	0	1209.5		53.3	53.3	0	0	0		1000.6	1000.6		1053.9	1053.9	0	53.3	0	53.3	24.2	131.4	0	155.6	88.9	87.1		semi_cri		semi_cri					
92	2	SA	SA-21	Solapur	2.5	393.9	0	396.4	2.2	374.2	0	376.5		15.5	15.5	0	0	0		316.1	316.1		331.6	331.6	0	15.5	0	15.5	2.2	42.7	0	44.9	88.6	88.1		semi_cri		semi_cri					
92	3	SA	SA-21	Osmanabad	0	1144.8	0	1144.8	0	1087.6	0	1087.6		35.7	35.7	0	0	0		508.4	508.4		544.1	544.1	0	35.7	0	35.7	0	543.5	0	543.5	50.0	50.0		safe		safe					
92	4	SA	SA-22	Solapur	0	1349.6	0	1349.6	0	1282.1	0	1282.1		37.2	37.2	0	0	0		1087.5	1087.5		1124.7	1124.7	0	37.2	0	37.2	0	157.4	0	157.4	87.7	87.7		semi_cri		semi_cri					
92	5	SA	SA-23	Osmanabad	265.4	2202.6	0	2468.1	252.1	2092.5	0	2344.7	9.0	54.5	63.5	0.0	0	0	183.0	1315.3	1498.3	192.0	1369.8	1561.8	9.0	54.5	0	63.5	60.2	722.7	0	782.9	76.1	65.5	66.6	semi_cri	safe	safe					
92	6	SA	SA-24	Osmanabad	179.2	3385.5	0	3564.7	170.3	3216.2	0	3386.4	9.4	54.8	64.2	0.0	0	0	100.8	2018.4	2119.1	110.2	2073.2	2183.4	9.4	54.8	0	64.2	60.1	1143.0	0	1203.0	64.5	64.5	64.5	safe	safe		safe				
92	7	SA	SA-25	Osmanabad	193.9	2325.5	0	2519.4	184.2	2209.2	0	2393.4	11.1	60.8	71.9	0.0	0.1	0.1	107.9	1392.4	1500.2	119.3	1453.3	1572.3	11.1	60.8	0	71.9	65.2	755.9	0	821.2	64.6	65.8	65.7	safe	safe		safe				
92	8	SA	SA-26	Solapur	8.4	1499.8	0	1508.2	7.6	1424.8	0	1432.3		71.1	71.1	0	0	0		1144.8	1144.8		1215.9	1215.9	0	71.1	0	71.1	7.6	208.9	0	216.5	85.3	84.9		semi_cri		semi_cri					
92	9	SA	SA-27	Solapur	0	1829.2	0	1829.2	0	1737.8	0	1737.8		73.7	73.7	0	0	0		1458.9	1458.9		1532.6	1532.6	0	73.7	0	73.7	0	205.1	0	205.1	88.2	88.2		semi_cri		semi_cri					
93	0	SA	SA-27 A	Osmanabad	88.3	1173.2	0	1261.6	83.9	1114.6	0	1198.5	8.1	33.4	41.5	0.0	0	0	48.8	729.1	777.9	56.8	762.5	819.3	8.1	33.4	0	41.5	27.1	352.1	0	379.2	67.7	68.4	68.4	safe	safe		safe				
93	1	SA	SA-28	Solapur	0	5073.7	0	5073.7	0	4820.0	0	4820.0		160.1	160.1	0	0	0		2413.4	2413.4		2573.5	2573.5	0	160.1	0	160.1	0	2246.5	0	2246.5	53.4	53.4		safe		safe					
93	2	SA	SA-28 A	Osmanabad	0	2531.1	0	2531.1	0	2404.5	0	2404.5		44.4	44.4	0	0	0		1076.1	1076.1		1120.5	1120.5	0	44.4	0	44.4	0	1284.0	0	1284.0	46.6	46.6		safe		safe					
93	3	SA	SA-29	Solapur	7.2	3417.2	0	3424.3	6.5	3246.3	0	3252.8		206.4	206.4	0	0	0		3139.1	3139.1		3345.5	3345.5	0	206.4	0	206.4	6.5	0.0	0	6.5	10.3	10.2		over_exploited		over_exploited					
93	4	SA	SA-29 A	Osmanabad	225.4	1084.6	0	1309.9	214.1	1030.3	0	1244.4	6.4	18.3	24.7	0.0	0	0	160.3	289.9	450.2	166.7	308.3	474.9	6.4	18.3	0	24.7	47.4	722.1	0	769.5	77.8	29.9	38.2	semi_cri	safe		safe				
93	5	SA	SA-3	Ahmednagar	0	1259.8	0	1259.8	0	1196.8	0	1196.8		50.7	50.7	0	0	0		766.6	766.6		817.4	817.4	0	50.7	0	50.7	0	379.4	0	379.4	68.3	68.3		safe		safe					
93	6	SA	SA-30	Solapur	7.0	1805.0	0	1812.0	6.3	1714.8	0	1721.0		44.8	44.8	0	0	0		1087.3	1087.3		1132.1	1132.1	0	44.8	0	44.8	6.3	582.7	0	588.9	66.0	65.8		safe		safe					
93	7	SA	SA-31	Solapur	0	1902.0	0	1902.0	0	1806.9	0	1806.9		59.2	59.2	0.2	0.2	0		1432.6	1432.6		1492.0	1492.0	0	59.2	0	59.2	0	314.9	0	314.9	82.6	82.6		semi_cri		semi_cri					
93	8	SA	SA-32	Solapur	14.2	2149.6	0	2163.3	12.8	2041.6	0	2054.6		86.0	86.0	0	0	0		1296.0	1296.0		1382.0	1382.0	0	86.0	0	86.0	12.8	659.6	0	672.4	67.7	67.3		safe		safe					
93	9	SA	SA-33	Solapur	6.6	1672.6	0	1679.2	6.0	1588.9	0	1594.9		95.4	95.4	0	0	0		1267.4	1																						

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
				C	NC	PQ	Total	C	NC	PQ	Total	Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
												C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																				
947	SA	SA-38 A	Osmanabad	80.6	1541.2	0	1621.9	76.6	1464.2	0	1540.8	10.5	32.0		42.5	0.0	0		0	55.1	973.2		1028.3	65.6	1005.2		1070.8	10.5	32.0	0	42.5	11.0	459.0	0	470.0	85.6	68.7	69.5	semi_cri	safe		safe	
948	SA	SA-39	Solapur	1307.8	1970.5	0	3278.3	1242.4	1872.0	0	3114.4	49.0	49.2		98.3	0.0	0		0	1058.1	1243.5		2301.6	1107.1	1292.8		2399.9	49.0	49.3	0	98.3	135.2	579.2	0	714.4	89.1	69.1	77.1	semi_cri	safe		semi_cri	
949	SA	SA-39 A	Osmanabad	23.0	907.3	0	930.3	21.9	861.9	0	883.8	7.8	25.0		32.8	0.0	0		0	9.2	413.8		423.0	17.0	438.8		455.8	7.8	25.0	0	32.8	4.9	423.1	0	428.0	77.7	50.9	51.6	semi_cri	safe		safe	
950	SA	SA-4	Ahmednagar	0	2064.9	0	2064.9	0	1961.7	0	1961.7		45.8		45.8	0	0		0		1247.0		1247.0		1292.8		1292.8	0	45.8	0	45.8	0	668.9	0	668.9	65.9	65.9		safe		safe		
951	SA	SA-40	Solapur	9.8	1172.7	0	1182.4	8.8	1114.0	0	1122.8		24.5		24.5	0	0		0		559.6		559.6		584.1		584.1	0	24.5	0	24.5	8.8	530.0	0	538.7	52.4	52.0		safe		safe		
952	SA	SA-40 A	Osmanabad	0	487.6	0	487.6	0	463.2	0	463.2	9.1	9.1		0	0		0		151.6		151.6		160.7		160.7	0	9.1	0	9.1	0	302.5	0	302.5	34.7	34.7		safe		safe			
953	SA	SA-41	Solapur	0	2674.5	0	2674.5	0	2540.8	0	2540.8		77.5		77.5	0	0		0		1448.0		1448.0		1525.5		1525.5	0	77.5	0	77.5	0	1015.3	0	1015.3	60.0	60.0		safe		safe		
954	SA	SA-43 A	Osmanabad	82.1	3273.8	0	3355.9	78.0	3110.1	0	3188.1	7.1	69.4		76.5	0.0	0.3	0.3	54.8		1234.3		1289.1	61.9	1304.0		1365.9	7.1	69.4	0	76.5	16.1	1806.1	0	1822.3	79.3	41.9	42.8	semi_cri	safe		safe	
955	SA	SA-5	Ahmednagar	0	1918.0	0	1918.0	0	1822.1	0	1822.1		52.0		52.0	0	0		0		1131.1		1131.1		1183.1		1183.1	0	52.0	0	52.0	0	639.0	0	639.0	64.9	64.9		safe		safe		
956	SA	SA-5 B	Beed	641.6	2001.0	0	2642.6	609.5	1901.0	0	2510.5	26.0	112.4		138.5	0.0	0		0	197.4	997.1		1194.5	223.4	1109.5		1333.0	26.0	112.4	0	138.5	386.1	791.4	0	1177.5	36.7	58.4	53.1	safe	safe		safe	
957	SA	SA-6	Ahmednagar	0	1107.5	0	1107.5	0	1052.2	0	1052.2		41.1		41.1	0	0		0		566.0		566.0		607.1		607.1	0	41.1	0	41.1	0	445.1	0	445.1	57.7	57.7		safe		safe		
958	SA	SA-7	Ahmednagar	0	480.4	0	480.4	0	456.4	0	456.4		16.0		16.0	0	0		0		280.8		280.8		296.8		296.8	0	16.0	0	16.0	0	159.6	0	159.6	65.0	65.0		safe		safe		
959	SA	SA-8	Ahmednagar	0	1013.9	0	1013.9	0	963.2	0	963.2		47.1		47.1	0	0		0		480.8		480.8		527.9		527.9	0	47.1	0	47.1	0	435.3	0	435.3	54.8	54.8		safe		safe		
960	SA	SA-9	Beed	514.4	1754.2	0	2268.6	488.7	1666.5	0	2155.2	43.1	98.2		141.3	0.0	3.8	3.8	286.1		984.1		1270.3	329.2	1086.2		1415.4	43.1	98.2	0	141.3	159.5	580.3	0	739.8	67.4	65.7	65.7	safe	safe		safe	
961	SE	SE-0	Gadchiroli	0	1195.0	0	1195.0	0	1135.3	0	1135.3		27.6		27.6	0	0		0		150.4		150.4		178.0		178.0	0	27.6	0	27.6	0	957.3	0	957.3	15.7	15.7		safe		safe		
962	TE	TE-07	Jalgaon	614.7	3724.9	0	4339.6	584.0	3538.7	0	4122.6	23.9	121.5		145.4	0.0	1.7	1.7	389.7		4547.4		4937.1	413.6	4670.6		5084.2	23.9	121.5	0	145.4	170.3	0.0	0	170.3	70.8	13.0	12.3	semi_cri	over_ex	over_ex	over_ex	
963	TE	TE-1	Jalgaon	0	945.1	0	945.1	0	897.8	0	897.8		37.5		37.5	0	0		0		624.5		624.5		662.0		662.0	0	37.5	0	37.5	0	235.8	0	235.8	73.7	73.7		semi_cri		semi_cri		
964	TE	TE-1	Amravati	37.3	433.4	0	470.6	33.5	411.7	0	445.2	11.9	12.4		24.3	0.0	0	0	10.4		171.1		181.5	22.4	183.5		205.9	11.9	12.4	0	24.3	11.1	228.2	0	239.4	66.8	44.6	46.2	safe	safe		safe	
965	TE	TE-100	Dhule	1659.9	236.1	0	1896.0	1576.9	224.3	0	1801.2	16.8	31.4		48.2	0.0	0	0	390.0		111.9		501.9	406.8	143.3		550.2	16.9	31.4	0	48.2	1170.0	81.0	0	1251.0	25.8	63.9	30.5	safe	safe		safe	
966	TE	TE-101	Dhule	1033.7	905.6	0	1939.3	930.4	860.3	0	1790.7	4.3	26.4		30.8	0.0	0	0	303.3		552.7		856.0	307.7	579.2		886.8	4.3	26.5	0	30.8	622.7	281.1	0	903.9	33.3	67.3	49.5	safe	safe		safe	
967	TE	TE-102	Dhule	327.4	2507.4	0	2834.8	311.0	2382.0	0	2693.1	17.4	27.8		45.2	0.0	3.1	3.1	185.3		1061.2		1246.5	202.2	1092.1		1294.8	17.4	27.8	0	45.2	108.4	1290.0	0	1398.4	65.2	45.8	48.1	safe	safe		safe	
968	TE	TE-103	Dhule	1325.9	2091.8	0	3417.6	1193.3	1987.2	0	3180.4	34.8	97.3		132.1	0.0	0.9	0.9	454.5		1046.2		1500.7	489.3	1144.4		1633.7	34.8	97.3	0	132.1	704.0	842.8	0	1546.8	41.0	57.6	51.4	safe	safe		safe	
969	TE	TE-104	Dhule	103.0	1483.8	0	1586.8	97.8	1409.6	0	1507.4	11.7	19.9		31.7	0.0	0	0	55.6		744.1		799.8	67.4	764.1		831.4	11.7	20.0	0	31.7	30.5	645.5	0	676.0	68.9	54.2	55.2	safe	safe		safe	
970	TE	TE-105 A	Dhule	45.8	753.3	0	799.2	43.5	715.7	0	759.2	3.1	6.8		10.0	0.0	0.3	0.3	27.0		405.4		432.5	30.2	412.6		442.7	3.1	6.8	0	10.0	13.3	303.1	0	316.4	69.4	57.6	58.3	safe	safe		safe	
971	TE	TE-105 B	Nashik	1.0	464.3	0	465.2	0.9	441.0	0	441.9		8.8		8.8	0	0		0		161.7		161.7		170.5		170.5	0	8.8	0	8.8	0.9	270.5	0	271.4	38.7	38.6		safe		safe		
972	TE	TE-106	Nashik	404.2	2079.2	0	2483.3	363.8	1975.2	0	2339.0	12.8	36.7		49.5	0.0	0	0	156.5		1207.5		1364.1	169.3	1244.2		1413.5	12.8	36.7	0	49.5	194.4	731.0	0	925.4	46.5	63.0	60.4	safe	safe		safe	
973	TE	TE-107	Nashik	510.4	2614.4	0	3124.8	484.9	2353.0	0	2837.9	26.9	50.8		77.7	0.0	0.2	0.2	510.7		2216.6		2727.3	537.7	2267.5		2805.1	26.9	50.8	0	77.7	0	85.5	0	85.5	11.0	96.4	98.8	over_ex	critical	critical	critical	
974	TE	TE-108	Nashik	2.7	813.5	0	816.2	2.4	772.8	0	775.2		10.0		10.0	0	0		0		471.4		471.4		481.5		481.5	0	10.0	0	10.0	2.4	291.4	0	293.8	62.3	62.1		safe		safe		
975	TE	TE-109	Nashik	167.5	1464.1	0	1631.8	150.9	1390.9	0	1541.6	8.1	33.3		41.4	0.0	36.0	36.0	74.8		1560.4		1635.2	82.9	1629.6		1712.5	8.1	33.3	0	41.4	67.9	0.0	0	67.9	55.0	11.7	11.1	safe	over_ex	over_ex	over_ex	
976	TE	TE-10A	Jalgaon	149.8	2127.4	0	2277.3	142.0	2021.0	0	2163.3	32.8																															

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit								
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																					
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total									
985	TE	TE-114 A	Dhule	35.9	1799.7	0	1835.5	32.3	1709.7	0	1742.0		73.8		73.8	0			0				717.7					791.5				791.5	0	73.8	0	73.8	32.3	918.2	0	950.5		46.3		45.4		safe		safe
986	TE	TE-115	Dhule	3500.6	1187.7	0	4688.4	3150.6	1128.3	0	4278.9	26.4	7.2		33.6	0.0	0	0	1410.2	423.1		1833.3	1436.6		430.3		1866.9	26.4	7.2	0	33.6	1714.0	698.0	0	2412.0		45.6	38.1		43.6	safe	safe		safe				
987	TE	TE-116	Nashik	0	3446.0	0	3446.0	0	3273.7	0	3273.7		53.6		53.6	0	0	0		1236.9	1236.9		1290.5				1290.5	0	53.6	0	53.6	0	1983.2	0	1983.2		39.4		39.4		safe		safe					
988	TE	TE-117	Nashik	618.7	2316.9	0	2935.6	587.7	2201.1	0	2788.8	15.3	41.1		56.4	0.0	0.2	0.2	299.5	1401.3		1700.8	314.8		1442.5		1757.4	15.3	41.1	0	56.4	272.9	758.5	0	1031.4		53.6	65.5		63.0	safe	safe		safe				
989	TE	TE-12	Jalgaon	0	2001.3	0	2001.3	0	1901.2	0	1901.2		58.3		58.3		55.1	55.1		929.2		929.2				1042.7		1042.7	0	58.3	0	58.3	0	858.5	0	858.5		54.8		54.8		safe		safe				
990	TE	TE-121	Nandurbar	223.4	2091.7	0	2315.1	212.2	1987.2	0	2199.4	54.7	148.4		203.1	0.0	0	0	124.4	790.1		914.5	179.1		938.5		1117.7	54.7	148.4	0	203.1	33.1	1048.6	0	1081.7		84.4	47.2		50.8	semi_critical	safe		safe				
991	TE	TE-122 A	Nandurbar	0	1903.9	0	1903.9	0	1808.7	0	1808.7		85.7		85.7	0		0		1150.1		1150.1				1235.8		1235.8	0	85.7	0	85.7	0	572.9	0	572.9		68.3		68.3		safe		safe				
992	TE	TE-122 B	Dhule	0	631.3	0	631.3	0	599.8	0	599.8		21.6		21.6	0		0		118.8		118.8				140.5		140.5	0	21.7	0	21.7	0	459.3	0	459.3		23.4		23.4		safe		safe				
993	TE	TE-123 A	Dhule	0	394.6	0	394.6	0	374.8	0	374.8		18.9		18.9	0		0		139.0		139.0				157.9		157.9	0	18.9	0	18.9	0	216.9	0	216.9		42.1		42.1		safe		safe				
994	TE	TE-123 B	Nandurbar	27.8	485.0	0	512.8	25.0	460.8	0	485.8		17.4		17.4	0		0		301.5		301.5				318.9		318.9	0	17.4	0	17.4	25.0	141.9	0	166.9		69.2		65.6		safe		safe				
995	TE	TE-124	Dhule	658.0	1306.7	0	1964.7	625.1	1241.3	0	1866.5	30.4	77.2		107.6	0.0	0	0	337.5	774.9		1112.4	367.9		852.1		1220.0	30.4	77.2	0	107.6	257.2	389.3	0	646.5		58.9	68.6		65.4	safe	safe		safe				
996	TE	TE-124 A	Dhule	0	194.1	0	194.1	0	184.4	0	184.4		22.1		22.1	0		0		102.7		102.7				124.8		124.8	0	22.1	0	22.1	0	59.6	0	59.6		67.7		67.7		safe		safe				
997	TE	TE-125	Nashik	117.2	3144.1	0	3261.3	105.5	2986.9	0	3092.4	8.0	65.3		73.3	0.0	3.3	3.3	31.0	821.8		852.8	38.9		890.5		929.4	8.0	65.3	0	73.3	66.6	2096.4	0	2163.0		36.9	29.8		30.1	safe	safe		safe				
998	TE	TE-126	Nashik	55.9	1912.7	0	1968.6	53.1	1817.0	0	1870.2	7.0	53.2		60.2	0.0	0	0	26.5	1374.5		1401.0	33.5		1427.6		1461.2	7.0	53.2	0	60.2	19.6	389.4	0	409.0		63.0	78.2		78.1	safe	semi_critical		semi_critical				
999	TE	TE-127	Nashik	173.0	2139.0	0	2312.7	164.4	2032.7	0	2197.1	8.6	36.7		45.2	0.0	0.3	0.3	14.7	1867.1		1881.9	23.3		1904.1		1927.4	8.6	36.7	0	45.2	141.1	128.6	0	269.7		14.2	93.7		87.7	safe	critical		semi_critical				
1000	TE	TE-128	Nashik	828.5	2335.0	0	3163.5	787.3	2218.0	0	3005.3	37.4	90.1		127.5	0.0	0.6	0.6	486.2	2576.2		3062.4	523.6		2666.9		3190.5	37.4	90.1	0	127.5	263.4	0.0	0	263.4		66.5	12.0		10.6	safe	over_exploited		over_exploited				
1001	TE	TE-129	Nashik	704.4	1069.1	0	1773.5	669.2	1015.6	0	1684.8	11.8	10.7		22.5	0.0	1.0	1.0	335.9	810.2		1146.1	347.7		821.9		1169.6	11.8	10.7	0	22.5	321.5	193.7	0	515.2		52.0	80.9		69.4	safe	semi_critical		safe				
1002	TE	TE-13	Jalgaon	205.7	2876.8	0	3082.6	195.5	2733.0	0	2928.4	10.2	143.4		153.7	0.0	0.5	0.5	164.3	1816.0		1980.3	174.5		1959.9		2134.4	10.3	143.4	0	153.7	21.0	773.1	0	794.0		89.3	71.7		72.9	semi_critical	semi_critical		semi_critical				
1003	TE	TE-13	Jalgaon	31.6	775.4	0	807.0	30.0	736.7	0	766.6	4.4	57.6		62.0	0.0	0.6	0.6	32.4	572.9		605.3	36.8		631.1		667.9	4.4	57.6	0	62.0	0	105.6	0	105.6		12.2	85.7		87.1	over_exploited	semi_critical		semi_critical				
1004	TE	TE-13 B	Aurangabad	231.6	112.0	0	343.6	220.0	106.4	0	326.4	13.4	1.9		15.2	0.0	0		0	155.3	53.5		208.7	168.6		55.4		224.0	13.4	1.9	0	15.2	51.4	51.1	0	102.5		76.6	52.0		68.6	semi_critical	safe		safe			
1005	TE	TE-130	Nashik	1262.9	2701.7	0	3964.6	1199.7	2566.7	0	3766.4	13.7	67.8		81.5	0.0	0	0	199.1	2016.9		2216.0	212.9		2084.7		2297.5	13.7	67.8	0	81.5	986.8	482.0	0	1468.8		17.7	81.2		61.0	safe	semi_critical		safe				
1006	TE	TE-133	Nandurbar	0	2841.4	0	2841.4	0	2699.3	0	2699.3		171.2		171.2	0		0		890.3		890.3				1061.5		1061.5	0	171.2	0	171.2	0	1637.9	0	1637.9			39.3		39.3		safe		safe			
1007	TE	TE-134	Nandurbar	0	2877.7	0	2877.7	0	2733.8	0	2733.8		118.4		118.4	0		0		1078.7		1078.7				1197.1		1197.1	0	118.4	0	118.4	0	1536.8	0	1536.8		43.8		43.8		safe		safe				
1008	TE	TE-134 A	Nandurbar	1074.8	1566.7	0	2641.4	967.3	1488.3	0	2455.6	44.6	46.7		91.3	0.0	0	0	345.8	658.3		1004.1	390.3		705.0		1095.4	44.6	46.7	0	91.3	577.0	783.3	0	1360.2		40.4	47.4		44.6	safe	safe		safe				
1009	TE	TE-135 A	Dhule	0	306.0	0	306.0	0	290.7	0	290.7		6.6		6.6	0		0		72.6		72.6				79.2		79.2	0	6.6	0	6.6	0	211.5	0	211.5		27.2		27.2		safe		safe				
1010	TE	TE-135 B	Nandurbar	552.7	3360.3	0	3913.0	525.3	3192.3	0	3717.3	34.4	83.3		117.6	0.0	0	0	212.4	1726.6		1939.0	246.8		1809.8		2056.7	34.4	83.3	0	117.6	278.5	0	1660.7		47.0	56.7		55.3	safe	safe		safe					
1011	TE	TE-137 A	Dhule	0	167.6	0	167.6	0	159.2	0	159.2		3.0		3.0	0		0		0.0		0			3.0		3.0	0	3.0	0	3.0	0	0	156.2	0	156.2		1.9		1.9		safe		safe				
1012	TE	TE-137 B	Nandurbar	388.7	2485.2	0	2873.2	369.9	2360.9	0	2730.1	67.8	54.5		122.3	0.0	0	0	138.8	886.8		1025.5	206.6		941.3		1147.9	67.8	54.6	0	122.4	162.6	1419.6	0	1582.3		56.0	39.9		42.0	safe	safe		safe				
1013	TE	TE-138	Nandurbar	0	1239.1	0	1239.1	0	1177.1	0	1177.1																																					

Dynamic Ground Water Resources of Maharashtra 2024

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												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1023	TE	TE-17	Jalgao n	617.6	1953.0	0	2570.7	586.8	1855.4	0	2442.1	22.6	42.5		65.1	17.7	0	17.7	720.0	2831.7		3551.7	760.4	2874.2		3634.6	22.6	42.5	0	65.2	0	0.0	0	0.0	12	15	14	49.8	over_ex	over_ex		over_ex	
1024	TE	TE-18	Jalgao n	8.1	882.3	0	890.4	7.3	838.2	0	845.5		33.2		33.2		0.1	0.1		715.2		715.2		748.5		748.5	0	33.2	0	33.2	7.3	89.7	0	97.0	89.3	76.3	78.0	semi_cri	semi_cri		semi_cri		
1025	TE	TE-19	Jalgao n	194.5	1351.8	0	1546.8	184.2	1284.2	0	1469.0	14.2	29.6		43.8	0.2	0.1	0.3	151.4	950.8		1102.2	165.8	980.5		1146.2	14.2	29.7	0	43.8	19.0	303.8	0	322.8	89.3	76.3	78.0	semi_cri	semi_cri		semi_cri		
1026	TE	TE-19	Jalgao n	530.0	2331.7	0	2861.7	503.5	2215.1	0	2718.6	9.9	48.1		58.0	0.7	4.9	5.6	201.0	765.8		966.8	211.7	818.8		1030.4	9.9	48.1	0	58.0	291.9	1396.3	0	1688.2	42.0	37.0	37.9	safe	safe		safe		
1027	TE	TE-2	Jalgao n	2.4	2278.7	0	2281.1	2.2	2164.8	0	2166.9		63.1		63.1		1.0	1.0		3307.9		3307.9		3372.1		3372.1	0	63.1	0	63.1	2.2	0.0	0	2.2		15	15	5.6		over_ex	over_ex		over_ex
1028	TE	TE-2	Amrav ati	0.8	86.3	0	87.1	0.7	82.0	0	82.7		10.3		10.3		0	0		37.6		37.6		47.9		47.9	0	10.3	0	10.3	0.7	34.2	0	34.9		58.4	57.9		safe	safe		safe	
1029	TE	TE-2	Jalgao n	467.1	2463.6	0	2930.7	443.7	2340.5	0	2784.2	33.1	35.0		68.1	0.0	0.1	0.1	357.3	2816.1		3173.4	390.4	2851.1		3241.5	33.1	35.0	0	68.1	53.3	0.0	0	53.3	88.0	12	11	6.4	semi_cri	over_ex		over_ex	
1030	TE	TE-20	Jalgao n	227.8	2838.8	0	3066.6	205.9	2696.0	0	2901.9	15.4	81.4		96.8	0.0	0.4	0.4	88.9	1032.4		1121.3	104.3	1114.2		1218.5	15.4	81.4	0	96.8	100.7	1582.7	0	1683.4	50.3	41.0	42.0	safe	safe		safe		
1031	TE	TE-21	Jalgao n	210.5	1176.1	0	1386.4	189.4	1117.3	0	1306.7	14.3	35.7		50.0	0.0	0	0	305.0	637.1		942.1	319.3	672.8		992.1	14.3	35.8	0	50.0	0	444.4	0	444.4	16	60.2	75.9	over_ex	safe		semi_cri		
1032	TE	TE-22	Jalgao n	613.6	2004.5	0	2618.9	582.9	1904.3	0	2487.2	8.7	91.1		99.8	0.0	0	0	362.7	1445.6		1808.3	371.5	1536.7		1908.1	8.7	91.1	0	99.8	211.5	367.6	0	579.1	63.7	80.7	76.7	safe	semi_cri		semi_cri		
1033	TE	TE-22 B	Aurang abad	0	703.7	0	703.7	0	668.5	0	668.5		10.4		10.4		0	0		418.5		418.5		428.9		428.9	0	10.4	0	10.4	0	239.7	0	239.7		64.2	64.2		safe	safe		safe	
1034	TE	TE-23	Jalgao n	0	210.9	0	210.9	0	200.4	0	200.4		9.9		9.9		0	0		84.6		84.6		94.4		94.4	0	9.9	0	9.9	0	105.9	0	105.9		47.1	47.1		safe	safe		safe	
1035	TE	TE-24	Jalgao n	1266.6	2587.0	0	3854.3	1140.0	2458.3	0	3598.3	45.8	40.8		86.6	0.0	0	0	917.3	2043.5		2960.8	963.1	2084.3		3047.4	45.8	40.8	0	86.6	176.9	374.0	0	550.9	84.5	84.8	84.7	semi_cri	semi_cri		semi_cri		
1036	TE	TE-25	Jalgao n	594.3	1234.5	0	1828.8	534.9	1172.8	0	1707.7	24.1	47.9		72.0	0.0	0	0	564.1	1841.8		2406.0	588.2	1889.7		2478.0	24.1	47.9	0	72.0	0	0.0	0	0.0	11	16	14	0.0	over_ex	over_ex		over_ex	
1037	TE	TE-26	Jalgao n	1753.5	1937.8	0	3691.3	1665.8	1841.0	0	3506.7	57.6	31.4		88.9	96.4	0	96.4	1248.3	728.9		1977.2	1402.3	760.2		2162.5	57.6	31.4	0	88.9	263.5	1080.7	0	1344.2	84.3	41.3	61.7	semi_cri	safe		safe		
1038	TE	TE-27	Jalgao n	3574.0	0.0	0	3574.0	3395.3	0.0	0	3395.3	65.1			65.1	5.3		5.3	2610.9			2610.9	2681.2			65.1	0.0	0	65.1	0	0.0	0	714.0	79.0		79.0	semi_cri			semi_cri			
1039	TE	TE-28 A	Jalgao n	1573.4	541.7	0	2115.2	1494.8	514.6	0	2009.4	26.8	17.0		43.9	0.0	2.5	2.5	947.1	228.1		1175.2	973.9	247.6		1221.5	26.8	17.0	0	43.9	520.8	267.1	0	787.9	65.1	48.1	60.8	safe	safe		safe		
1040	TE	TE-28 B	Aurang abad	260.2	1131.0	0	1391.2	247.2	1074.4	0	1321.6	0.9	12.1		12.9	0.0	0	0	173.3	643.5		816.8	174.1	655.6		829.7	0.9	12.1	0	12.9	73.1	418.9	0	492.0	70.4	61.0	62.8	semi_cri	safe		safe		
1041	TE	TE-29	Jalgao n	341.2	914.2	0	1255.4	324.1	868.5	0	1192.6	2.9	37.0		39.9	0.0	0	0	116.4	444.7		561.0	119.3	481.6		600.9	2.9	37.0	0	39.9	204.8	386.9	0	591.7	36.5	55.5	50.4	safe	safe		safe		
1042	TE	TE-3	Amrav ati	0	132.7	0	132.7	0	126.0	0	126.0		8.8		8.8		0	0		65.0		65.0		73.8		73.8	0	8.8	0	8.8	0	52.2	0	52.2		58.6	58.6		safe	safe		safe	
1043	TE	TE-3	Jalgao n	356.7	2391.3	0	2748.0	338.8	2271.8	0	2610.6	10.8	48.1		58.9	0.0	0	0	174.8	2699.5		2874.3	185.6	2747.6		2933.2	10.8	48.1	0	58.9	153.2	0.0	0	153.2	54.8	12.9	11	2.4	safe	over_ex		over_ex	
1044	TE	TE-30	Jalgao n	1674.7	1412.8	0	3087.5	1591.0	1271.5	0	2862.5	37.9	51.4		89.2	0.0	0.9	0.9	1206.2	1156.2		2362.3	1244.5	1208.5		2452.5	37.9	51.4	0	89.2	0	63.1	0	410.0	78.2	95.0	85.7	semi_cri	critical		semi_cri		
1045	TE	TE-31	Jalgao n	3343.3	1905.8	0	5249.1	3176.1	1810.5	0	4986.6	39.5	34.2		73.6	3.3	0	3.3	997.5	907.4		1905.0	1040.3	941.6		1981.9	39.5	34.2	0	73.6	2135.8	868.9	0	3004.7	32.0	52.0	39.7	safe	safe		safe		
1046	TE	TE-32	Jalgao n	1939.0	1964.9	0	3903.9	1842.0	1866.7	0	3708.7	98.8	20.6		119.4	0.0	20.0	20.0	1279.4	1478.8		2758.2	1378.4	1519.4		2897.6	98.8	20.6	0	119.4	463.9	347.3	0	811.2	74.4	81.4	78.1	semi_cri	semi_cri		semi_cri		
1047	TE	TE-33	Jalgao n	4265.9	781.4	0	5047.3	3839.3	742.3	0	4581.7	71.9	4.4		76.3	21.1	0	21.1	2877.7	545.1		3422.8	2970.8	549.5		3520.2	71.9	4.4	0	76.3	868.6	192.9	0	1061.5	77.4	74.0	76.8	semi_cri	semi_cri		semi_cri		
1048	TE	TE-34	Jalgao n	1957.0	0.0	0	1957.0	1859.2	0.0	0	1859.2	42.4			42.4	0.0		0	1571.2			1571.2	1613.7			42.4	0.0	0	42.4	245.5	0.0	0	245.5		86.8	86.8		semi_cri			semi_cri		
1049	TE	TE-35	Jalgao n	466.4	1134.5	0	1600.8	443.7	1077.7	0	1520.8	10.9	50.4		61.3	0.0	0	0	161.6	913.6		1075.1	172.5	964.0		1136.4	10.9	50.4	0	61.3	270.6	113.8	0	384.4	38.9	89.4	74.7	safe	semi_cri		semi_cri		
1050	TE	TE-36	Jalgao n	789.3	1224.7	0	2014.0	749.4	1163.4	0	1913.3	2.0	31.2		33.1	0.0	0.1	0.1	569.7	971.2		1540.9	571.6	1002.6		1574.2	2.0	31.2	0	33.1	178.2	160.9	0	339.1	76.2	86.2	82.3	semi_cri	semi_cri		semi_cri		
1051	TE	TE-36 B	Aurang abad	0	161.3	0	161.3	0	153.2	0	153.2		3.0																														

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
1061	TE	TE-42	Jalgao n	423.9	1896.7	0	2320.6	402.7	1801.9	0	2204.6	33.7	94.6		128.3	0.0	0		0	199.2	1327.7		1526.9	232.9	1422.3		1655.2	33.7	94.6	0	128.3	169.8	379.6	0	549.4	57.8	78.9	75.1	safe	semi_cri tical		semi_cri tical		
1062	TE	TE-43	Jalgao n	811.5	1234.5	0	2046.0	770.9	1172.8	0	1943.7	115.1	73.3		188.4	0.0	5.3		5.3	1142.4	539.9		1682.3	1257.5	618.5		1876.0	115.1	73.3	0	188.4	0	554.3	0	554.3	163.1	52.7	96.5	over_ex ploited	safe		critical		
1063	TE	TE-44	Jalgao n	612.7	1109.0	0	1721.7	582.1	1053.6	0	1635.7	35.5	26.9		62.4	1.9	0		1.9	114.4	791.6		906.0	151.9	818.5		970.4	35.5	26.9	0	62.4	430.2	235.1	0	665.3	26.1	77.7	59.3	safe	semi_cri tical		safe		
1064	TE	TE-44 B	Dhule	0	425.7	0	425.7	0	404.4	0	404.4		6.0		6.0	0	0		0		274.2			274.2		280.2		280.2	0	6.0	0	6.0	0	124.3	0	124.3		69.3		69.3	safe		safe	
1065	TE	TE-45	Jalgao n	2511.9	1865.1	0	4377.0	2386.9	1771.9	0	4158.2	49.7	12.4		62.1	0.0	0		0	1722.6	1294.0		3016.6	1772.3	1306.4		3078.7	49.7	12.4	0	62.1	614.1	465.5	0	1079.5	74.3	73.7	74.0	semi_cri tical	semi_cri tical		semi_cri tical		
1066	TE	TE-46	Jalgao n	0	2589.4	0	2589.4	0	2330.4	0	2330.4		24.5		24.5	0	0		0		1463.3			1463.3		1487.8		1487.8	0	24.5	0	24.5	0	842.6	0	842.6		63.8		63.8	safe		safe	
1067	TE	TE-47	Jalgao n	17.2	1905.1	0	1922.3	15.5	1809.9	0	1825.3		128.5		128.5	10.0	10.0		10.0		1224.3			1224.3		1362.8		1362.8	0	128.5	0	128.5	15.5	447.1	0	462.6		75.3		74.7	semi_cri tical	semi_cri tical		semi_cri tical
1068	TE	TE-48	Jalgao n	8.9	2955.4	0	2964.3	8.0	2807.6	0	2815.6		201.8		201.8	10.4	10.4		10.4		2530.7			2530.7		2742.9		2742.9	0	201.8	0	201.8	8.0	64.7	0	72.7		97.7		97.4	critical		critical	
1069	TE	TE-49	Jalgao n	445.9	1755.6	0	2201.5	423.6	1667.8	0	2091.4	26.4	70.5		96.9	0.0	0		0	62.0	1190.8		1252.8	88.5	1261.2		1349.7	26.4	70.5	0	96.9	335.1	406.6	0	741.7	20.9	75.6	64.5	safe	semi_cri tical		safe		
1070	TE	TE-5	Amrav ati	227.3	502.9	0	730.2	215.9	477.8	0	693.7	16.1	18.7		34.9	0.0	0		0		128.8	135.4		264.1	144.9	154.1		299.0	16.2	18.7	0	34.9	71.0	323.7	0	394.7	67.1	32.2	43.1	safe	safe		safe	
1071	TE	TE-5 A	Jalgao n	31.9	2315.5	0	2347.4	30.3	2199.7	0	2230.0	3.7	111.4		115.1	0.0	0		0	28.8	1384.9		1413.7	32.4	1496.4		1528.8	3.7	111.5	0	115.1	0	703.3	0	703.3	106.8	68.0	68.6	over_ex ploited	safe		safe		
1072	TE	TE-5 B	Aurang abad	0	316.8	0	316.8	0	300.9	0	300.9		3.3		3.3	0	0		0		181.0			181.0		184.3		184.3	0	3.3	0	3.3	0	116.6	0	116.6		61.2		61.2	safe		safe	
1073	TE	TE-50	Jalgao n	182.3	394.2	0	576.5	173.2	374.5	0	547.6	13.1	16.7		29.8	0.9	0		0.9	111.3	318.8		430.1	125.3	335.5		460.9	13.1	16.7	0	29.8	47.9	38.9	0	86.8	72.4	89.6	84.2	semi_cri tical	semi_cri tical		semi_cri tical		
1074	TE	TE-50 B	Dhule	57.2	571.7	0	628.8	54.3	543.1	0	597.4	0.0	3.2		3.2	3.3	0		3.3	24.5	372.5		397.0	27.8	375.7		403.4	0	3.2	0	3.2	26.5	167.4	0	194.0		51.2		69.2	67.5	safe	safe		safe
1075	TE	TE-51	Jalgao n	760.2	1334.2	0	2094.8	722.6	1267.5	0	1990.1	36.1	11.2		47.2	0.0	0		0	576.6	982.3		1558.9	612.6	993.5		1606.1	36.1	11.2	0	47.2	109.9	274.0	0	384.0	84.4	78.4	80.7	semi_cri tical	semi_cri tical		semi_cri tical		
1076	TE	TE-52	Jalgao n	4.6	2498.8	0	2503.4	4.1	2373.9	0	2378.0		58.4		58.4	1.6	1.6		1.6		1842.4			1842.4		1902.4		1902.4	0	58.4	0	58.4	4.1	471.5	0	475.6		80.1		80.0	semi_cri tical	semi_cri tical		semi_cri tical
1077	TE	TE-53	Dhule	0	1189.7	0	1189.7	0	1130.2	0	1130.2		48.4		48.4	0	0		0		290.1			290.1		338.6		338.6	0	48.4	0	48.4	0	791.7	0	791.7		30.0		30.0	safe		safe	
1078	TE	TE-54	Dhule	954.7	384.7	0	1339.4	907.0	365.4	0	1272.4	7.1	5.1		12.2	0.0	0		0	468.5	145.1		613.7	475.7	150.3		625.9	7.1	5.1	0	12.2	431.3	215.2	0	646.5	52.4	41.1	49.2	safe	safe		safe		
1079	TE	TE-55	Jalgao n	0	2005.9	0	2005.9	0	1905.6	0	1905.6		92.9		92.9	0	0		0		1181.0			1181.0		1273.9		1273.9	0	92.9	0	92.9	0	631.7	0	631.7		66.9		66.9	safe		safe	
1080	TE	TE-56	Dhule	0	2449.9	0	2449.9	0	2327.4	0	2327.4		48.6		48.6	0.8	0.8		0.8		1698.3			1698.3		1747.7		1747.7	0	48.6	0	48.6	0	579.7	0	579.7		75.1		75.1	semi_cri tical		semi_cri tical	
1081	TE	TE-56	Jalgao n	0	183.3	0	183.3	0	174.1	0	174.1		8.2		8.2	0	0		0		103.7			103.7		112.0		112.0	0	8.2	0	8.2	0	62.1	0	62.1		64.3		64.3	safe		safe	
1082	TE	TE-58 A	Dhule	527.9	512.6	0	1040.5	501.5	487.0	0	988.4	6.2	2.7		8.9	0.0	0		0	134.5	298.9		433.4	140.7	301.6		442.4	6.2	2.7	0	8.9	360.8	185.3	0	546.1	28.1	61.9	44.8	safe	safe		safe		
1083	TE	TE-58 B	Nashik	668.8	2197.8	0	2866.6	635.4	2087.9	0	2723.3	8.1	43.3		51.4	0.0	0		0	198.3	844.4		1042.7	206.4	887.7		1094.1	8.1	43.3	0	51.4	429.0	1200.2	0	1629.2	32.5	42.5	40.2	safe	safe		safe		
1084	TE	TE-59	Jalgao n	0	234.5	0	234.5	0	222.8	0	222.8		5.2		5.2	0	0		0		242.6			242.6		247.9		247.9	0	5.2	0	5.2	0	0.0	0	0.0		11.3		11.3	over_ex ploited		over_ex ploited	
1085	TE	TE-59 A	Nashik	475.0	584.7	0	1059.6	451.2	555.4	0	1006.6	7.6	9.0		16.6	0.0	0		0	146.2	192.5		338.6	153.7	201.5		355.2	7.6	9.0	0	16.6	297.5	354.0	0	651.4	34.1	36.3	35.3	safe	safe		safe		
1086	TE	TE-6	Buldha na	0	146.0	0	146.0	0	131.4	0	131.4		2.5		2.5	0	0		0		19.4			19.4		21.9		21.9	0	2.5	0	2.5	0	109.5	0	109.5		16.7		16.7	safe		safe	
1087	TE	TE-6	Amrav ati	48.6	245.4	0	294.0	46.2	233.1	0	279.3	2.4	18.2		20.6	0.0	0		0	21.2	138.8		160.0	23.6	157.1		180.6	2.4	18.2	0	20.6	22.6	76.1	0	98.7		51.0		67.4	64.7	safe	safe		safe
1088	TE	TE-6 A	Jalgao n	123.3	1648.0	0	1771.3	117.2	1565.6	0	1682.7	24.3	50.0		74.4	0.0	0		0	90.8	800.6		891.4	115.1	850.6		965.8	24.3	50.0	0	74.4	2.0	714.9	0	717.0	98.3	54.3	57.4	critical	safe		safe		
1089	TE	TE-6 B	Aurang abad	152.5	741.8	0	894.3	144.8	704.7	0	849.6	4.8	14.2		19.0	0.0	0		0	100.6	133.4																							

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total													C
1099	TE	TE-66	Dhule	0	2006.7	0	2006.7	0	1906.4	0	1906.4		50.5		50.5		31.4		31.4		940.3		940.3		1022.3			0	50.5	0	50.5	0	884.1	0	884.1		53.6		53.6		safe			safe
1100	TE	TE-67	Dhule	1142.8	1272.1	0	2414.9	1085.6	1208.5	0	2294.1	13.4	20.1		33.6	0.0	0.5		0.5	222.6	1026.2		1248.9	236.1	1046.9	1283.0	13.4	20.1	0	33.6	849.5	161.7	0	1011.2	21.7	86.6		55.9	safe	semi_cri		safe		
1101	TE	TE-68 B	Nashik	311.0	1260.9	0	1571.8	295.4	1197.8	0	1493.2	12.4	32.2		44.6	0.0	0.2		0.2	121.5	1225.6		1347.1	133.0	1258.0	1391.9	12.4	32.2	0	44.6	161.6	0.0	0	161.6	45.3	10.5		93.2	safe	over_ex		critical		
1102	TE	TE-69	Nashik	1330.9	1583.0	0	2913.9	1264.3	1503.9	0	2768.2	13.5	22.9		36.4	0.0	73.8		73.8	483.8	864.4		1348.2	497.3	961.2	1458.5	13.5	22.9	0	36.4	767.0	542.7	0	1309.8	39.3	63.9		52.7	safe	safe		safe		
1103	TE	TE-7	Buldhana	113.2	688.6	0	801.8	107.5	654.2	0	761.7	15.1	22.8		37.9	0.0	0		0	67.5	283.5		350.9	82.6	306.2	388.9	15.1	22.8	0	37.9	24.9	348.0	0	372.9	76.8	46.8		51.1	semi_cri	safe		safe		
1104	TE	TE-70	Nashik	0	688.8	0	688.8	0	654.4	0	654.4		15.3		15.3		0		0		269.3		269.3			284.6	0	15.3	0	15.3	0	369.8	0	369.8		43.5		43.5		safe			safe	
1105	TE	TE-71 A	Nashik	85.8	814.3	0	900.1	81.5	773.6	0	855.1	2.7	8.7		11.4	0.0	0		0	47.7	368.2		415.9	50.4	376.9	427.3	2.7	8.7	0	11.4	31.1	396.7	0	427.8	61.8	48.7		50.0	safe	safe		safe		
1106	TE	TE-72 A	Nashik	57.3	2939.7	0	2997.0	54.4	2792.7	0	2847.1	3.4	46.1		49.4	0.0	0		0	20.3	1783.7		1804.0	23.7	1829.8	1853.5	3.4	46.1	0	49.4	30.7	962.9	0	993.6	43.5	65.5		65.1	safe	safe		safe		
1107	TE	TE-72 B	Aurangabad	0	536.3	0	536.3	0	509.5	0	509.5		6.8		6.8		0		0		276.8		276.8			283.6	0	6.8	0	6.8	0	225.9	0	225.9		55.7		55.7		safe			safe	
1108	TE	TE-73 A	Dhule	64.3	322.0	0	386.3	61.1	305.9	0	367.0	2.6	11.1		13.7	0.0	0		0	4.9	95.9		100.9	7.5	107.1	114.6	2.6	11.1	0	13.7	53.6	198.8	0	252.4	12.3	35.0		31.2	safe	safe		safe		
1109	TE	TE-73 B	Nandurbar	0	1119.6	0	1119.6	0	1007.6	0	1007.6		73.5		73.5		0		0		509.4		509.4			582.9	0	73.5	0	73.5	0	424.7	0	424.7		57.9		57.9		safe			safe	
1110	TE	TE-74	Dhule	1274.3	1780.0	0	3054.3	1210.6	1691.0	0	2901.6	15.7	43.3		59.0	0.0	0		0	786.2	900.9		1687.2	802.0	944.2	1746.2	15.7	43.3	0	59.0	408.6	746.8	0	1155.4	66.2	55.8		60.2	safe	safe		safe		
1111	TE	TE-75	Dhule	2004.2	991.2	0	2995.4	1904.0	941.7	0	2845.6	17.3	20.6		37.9	0.0	1.2		1.2	872.9	429.2		1302.0	890.2	451.0	1341.2	17.4	20.6	0	37.9	1013.8	490.7	0	1504.4	46.8	47.9		47.1	safe	safe		safe		
1112	TE	TE-76	Dhule	0	909.9	0	909.9	0	864.4	0	864.4		39.3		39.3		0.1		0.1		349.3		349.3			388.7	0	39.3	0	39.3	0	475.8	0	475.8		45.0		45.0		safe			safe	
1113	TE	TE-77	Dhule	0	1718.5	0	1718.5	0	1632.6	0	1632.6		23.9		23.9		6.0		6.0		901.9		901.9			931.7	0	23.9	0	23.9	0	700.9	0	700.9		57.1		57.1		safe			safe	
1114	TE	TE-78 A	Dhule	817.5	1003.1	0	1820.6	735.7	953.0	0	1688.7	10.6	8.3		18.9	0.0	0		0	412.7	582.8		995.5	423.3	591.1	1014.4	10.6	8.3	0	18.9	312.5	361.8	0	674.3	57.5	62.0		60.1	safe	safe		safe		
1115	TE	TE-78 B	Nashik	0	370.1	0	370.1	0	351.6	0	351.6		6.0		6.0		0		0		133.6		133.6			139.6	0	6.0	0	6.0	0	212.0	0	212.0		39.7		39.7		safe			safe	
1116	TE	TE-79	Nashik	601.3	1897.4	0	2498.7	571.2	1802.6	0	2373.8	7.3	26.9		34.1	0.0	1.0		1.0	23.8	881.9		905.7	31.1	909.8	940.9	7.3	26.9	0	34.1	540.2	892.7	0	1432.9	5.4	50.5		39.6	safe	safe		safe		
1117	TE	TE-79 A	Dhule	0	319.7	0	319.7	0	303.7	0	303.7		52.7		52.7		0.1		0.1		120.3		120.3			173.1	0	52.7	0	52.7	0	130.6	0	130.6		57.0		57.0		safe			safe	
1118	TE	TE-8	Jalgao n	0.7	1068.2	0	1068.8	0.6	1014.7	0	1015.4		58.5		58.5		0		0		417.5		417.5			476.0	0	58.5	0	58.5	0.6	538.8	0	539.4		46.9		46.9		safe			safe	
1119	TE	TE-8	Jalgao n	186.9	2016.7	0	2203.5	177.5	1915.8	0	2093.4	7.7	76.3		84.1	4.2	0		4.2	345.7	1435.5		1781.2	357.7	1511.8	1869.4	7.8	76.3	0	84.1	0	404.1	0	404.1	20.1	78.9		89.3	over_ex	semi_cri		semi_cri		
1120	TE	TE-80	Nashik	240.2	770.1	0	1010.3	216.2	731.6	0	947.8	9.8	10.5		20.4	0.0	8.2		8.2	109.0	1288.0		1397.5	119.8	1306.8	1426.1	9.8	10.5	0	20.4	96.9	0.0	0	96.9	55.2	17.8		15.0	safe	over_ex		over_ex		
1121	TE	TE-81	Nashik	705.0	1538.7	0	2243.6	669.7	1461.7	0	2131.5	22.7	30.7		53.4	0.0	0		0	263.1	1225.4		1488.5	285.8	1256.1	1541.8	22.7	30.7	0	53.4	384.0	205.7	0	589.6	42.7	85.9		72.3	safe	semi_cri		semi_cri		
1122	TE	TE-82	Nashik	1.2	721.6	0	722.8	1.1	685.5	0	686.6		14.4		14.4		0		0		368.7		368.7			383.1	0	14.4	0	14.4	1.1	302.5	0	303.5		55.9		55.9		safe			safe	
1123	TE	TE-83	Nashik	108.0	1550.2	0	1658.2	97.2	1472.6	0	1569.9	4.4	37.4		41.8	0.0	159.8		159.8	14.7	188.1		202.8	19.0	385.3	404.3	4.4	37.4	0	41.8	78.2	1087.3	0	1165.5	19.6	26.2		25.8	safe	safe		safe		
1124	TE	TE-84	Nandurbar	444.8	2926.2	0	3371.1	400.4	2779.9	0	3180.3	128.1	85.3		213.4	0.0	0		0	113.9	1114.9		1227.0	241.3	1200.3	1441.3	128.1	85.3	0	213.4	159.4	1579.0	0	1739.0	60.2	43.2		45.3	safe	safe		safe		
1125	TE	TE-85	Nandurbar	53.7	1702.7	0	1756.4	48.3	1617.6	0	1665.9		41.5		41.5		0		0		294.6		294.6			336.1	0	41.5	0	41.5	48.3	1281.5	0	1329.8		20.8		20.2		safe			safe	
1126	TE	TE-86 A	Nandurbar	54.2	909.6	0	963.8	51.5	864.1	0	915.6	18.5	20.2		38.7	0.0	0		0	10.3	333.9		344.2	28.8	354.1	382.9	18.5	20.2	0	38.7	22.7	510.0	0	532.7	55.9	41.0		41.8	safe	safe		safe		
1127	TE	TE-86 B	Dhule	0	885.0	0	885.0	0	840.8	0	840.8		26.3		26.3		0		0		447.7		447.7			474.1	0	26.3	0	26.3	0	366.7	0	366.7		56.4								

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)			Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total				
1137	TE	TE-94	Nashik	0	576.1	0	576.1	0	547.3	0	547.3		8.4		8.4	0		0		302.2		302.2				310.6		310.6	0	8.4	0	8.4	0	236.7	0	236.7		56.8	56.8		safe		safe
1138	TE	TE-95	Nashik	0	902.2	0	902.2	0	857.1	0	857.1		10.3		10.3	0.1		0.1		315.1		315.1				325.5		325.5	0	10.3	0	10.3	0	531.6	0	531.6		38.0	38.0		safe		safe
1139	TE	TE-96	Nashik	61.6	4221.3	0	4282.8	55.4	4010.2	0	4065.6	2.6	119.7		122.3	0.0	3.6		3.6	16.3	3299.9		3316.1	18.9		3423.2		3442.0	2.6	119.7	0	122.3	36.5	587.1	0	623.6	34.1	85.4	84.7	safe	semi_critical		semi_critical
1140	TE	TE-98	Nandurbar	459.7	2592.3	0	3051.9	436.7	2462.7	0	2899.3	60.7	75.9		136.6	0.0	0		0	228.4	805.4		1033.7	289.1		881.2		1170.3	60.7	75.9	0	136.6	147.6	1581.4	0	1729.0	66.2	35.8	40.4	safe	safe		safe
1141	TE	TE-99	Dhule	200.5	3692.1	0	3892.6	180.4	3507.5	0	3687.9	11.7	66.7		78.4	0.0	0		0	108.1	1892.5		2000.6	119.8		1959.2		2079.0	11.7	66.7	0	78.4	60.6	1548.3	0	1608.9	66.4	55.9	56.4	safe	safe		safe
1142	TEG	TEG-1	Amravati	161.9	766.8	0	928.7	145.7	728.5	0	874.1	30.0	15.6		45.6	0.0	0		0	62.7	359.5		422.2	92.7		375.1		467.8	30.0	15.6	0	45.6	53.0	353.3	0	406.3	63.6	51.5	53.5	safe	safe		safe
1143	TEG	TEG-2	Amravati	262.8	574.3	0	837.0	249.6	545.6	0	795.2	13.9	16.2		30.1	0.0	0		0	151.5	209.5		361.0	165.3		225.7		391.1	13.9	16.2	0	30.1	84.3	319.9	0	404.1	66.2	41.4	49.2	safe	safe		safe
1144	TEG	TEG-3	Amravati	0	16.3	0	16.3	0	15.4	0	15.4		2.1		2.1	0		0		8.6			8.6			10.6		10.6	0	2.1	0	2.1	0	4.8	0	4.8		69.0	69.0		safe		safe
1145	TEGD	TEGD-1	Amravati	0	54.1	0	54.1	0	51.4	0	51.4		9.5		9.5	0		0		26.4			26.4			35.9		35.9	0	9.5	0	9.5	0	15.4	0	15.4		69.9	69.9		safe		safe
1146	TEK	TEK-0	Amravati	0	163.9	0	163.9	0	155.7	0	155.7		10.6		10.6	0		0		80.6			80.6			91.2		91.2	0	10.6	0	10.6	0	64.5	0	64.5		58.6	58.6		safe		safe
1147	TEKA	TEKA-1	Amravati	0	36.6	0	36.6	0	34.7	0	34.7		0.3		0.3	0		0		6.7			6.7			7.0		7.0	0	0.3	0	0.3	0	27.8	0	27.8		20.0	20.0		safe		safe
1148	TEKA	TEKA-2	Amravati	0	146.5	0	146.5	0	139.2	0	139.2		12.9		12.9	0		0		47.0			47.0			59.9		59.9	0	12.9	0	12.9	0	79.3	0	79.3		43.0	43.0		safe		safe
1149	TES	TES-1	Amravati	57.6	510.5	0	568.2	54.8	459.5	0	514.2	13.8	21.6		35.4	0.0	0		0	48.5	185.6		234.1	62.3		207.2		269.4	13.8	21.6	0	35.4	0	252.3	0	252.3	113.7	45.1	52.4	over_exploited	safe		safe
1150	TES	TES-2	Amravati	0	205.4	0	205.4	0	195.2	0	195.2		4.0		4.0	0		0		117.0			117.0			121.0		121.0	0	4.0	0	4.0	0	74.1	0	74.1		62.0	62.0		safe		safe
1151	TES	TES-3	Amravati	0	33.4	0	33.4	0	31.8	0	31.8		8.0		8.0	0		0		14.0			14.0			22.1		22.1	0	8.0	0	8.0	0	9.7	0	9.7		69.5	69.5		safe		safe
1152	TES	TES-4	Amravati	0	78.5	0	78.5	0	70.7	0	70.7		3.3		3.3	0		0		31.6			31.6			34.9		34.9	0	3.3	0	3.3	0	35.8	0	35.8		49.3	49.3		safe		safe
1153	TES	TES-5	Amravati	141.7	292.8	0	434.5	127.5	278.2	0	405.7	0.0	16.6		16.6	0.0	0		0	64.9	91.1		156.0	64.9		107.7		172.6	0	16.6	0	16.6	62.7	170.5	0	233.1	50.9	38.7	42.5	safe	safe		safe
1154	TES	TES-6	Amravati	0	42.1	0	42.1	0	40.0	0	40.0		8.9		8.9	0		0		17.6			17.6			26.4		26.4	0	8.9	0	8.9	0	13.6	0	13.6		66.0	66.0		safe		safe
1155	WF	WF-(A)	Satara	0	15.5	0	15.5	0	14.7	0	14.7		0.5		0.5	0		0		0.0			0.0			0.5		0.5	0	0.5	0	0.5	0	14.2	0	14.2		3.5	3.5		safe		safe
1156	WF	WF-(B)	Satara	0	8.1	0	8.1	0	7.3	0	7.3		0.3		0.3	0		0		0.0			0.0			0.3		0.3	0	0.3	0	0.3	0	7.0	0	7.0		3.7	3.7		safe		safe
1157	WF	WF-1	Nashik	0	863.6	0	863.6	0	820.4	0	820.4		12.5		12.5	9.3		9.3		22.4			22.4			44.1		44.1	0	12.5	0	12.5	0	776.3	0	776.3		5.4	5.4		safe		safe
1158	WF	WF-10	Palghar	0	399.4	0	399.4	0	379.5	0	379.5		32.0		32.0	0.6		0.6		83.4			83.4			116.0		116.0	0	32.0	0	32.0	0	263.4	0	263.4		30.6	30.6		safe		safe
1159	WF	WF-11	Palghar	244.2	1053.9	0	1298.1	219.8	1001.2	0	1221.0	12.1	80.4		92.5	0.0	4.2		4.2	27.9	218.9		246.7	40.0		303.5		343.5	12.2	80.4	0	92.5	179.8	697.8	0	877.5	18.2	30.3	28.1	safe	safe		safe
1160	WF	WF-12	Palghar	606.6	1917.2	0	2523.8	576.2	1821.3	0	2397.6	9.5	70.0		79.5	0.0	2.4		2.4	167.6	820.8		988.4	177.1		893.2		1070.3	9.5	70.0	0	79.5	399.1	928.1	0	1327.3	30.7	49.0	44.6	safe	safe		safe
1161	WF	WF-13	Palghar	188.3	396.7	0	585.0	178.9	357.0	0	535.9	4.1	11.2		15.3	0.0	0.3		0.3	11.0	34.6		45.6	15.1		46.1		61.2	4.1	11.2	0	15.3	163.8	311.0	0	474.7	8.5	12.9	11.4	safe	safe		safe
1162	WF	WF-14	Palghar	438.5	1281.5	0	1720.0	416.6	1217.4	0	1634.0	34.2	53.4		87.7	0.3	0.3		0.6	24.6	101.9		126.5	59.2		155.6		214.8	34.2	53.5	0	87.7	357.4	1061.8	0	1419.2	14.2	12.8	13.1	safe	safe		safe
1163	WF	WF-15	Palghar	55.1	1398.9	0	1454.0	52.4	1328.9	0	1381.3	4.6	36.9		41.4	0.3	0.6		0.9	11.0	35.5		46.5	15.9		73.0		88.9	4.6	36.9	0	41.4	36.5	1256.0	0	1292.5	30.3	5.5	6.4	safe	safe		safe
1164	WF	WF-16	Palghar	185.6	3885.6	0	4071.0	167.0	3496.8	0	3663.9	13.6	108.3		121.8	0.0	3.0		3.0	83.6	341.3		424.9	97.2		452.5		549.7	13.6	108.3	0	121.8	69.9	3044.3	0	3114.2	58.2	12.9	15.0	safe	safe		safe
1165	WF	WF-17	Palghar	93.5	249.7	0	343.2	88.8	237.3	0	326.1	9.3	21.9		31.1	0.0	1.2		1.2	31.5	37.8		69.3	40.8		60.8		101.6	9.3	21.9	0	31.1	48.0	176.4	0	224.5	45.9	25.6	31.2	safe	safe		safe
1166	WF	WF-18	Palghar	114.4	156.7	0	271.1	108.7	148.9	0	257.6	6.9	12.3		19.2	0.0	0.6		0.6	15.6	20.4		36.0	22.5		33.3		55.8	6.9	12.3	0	19.2	86.2	115.6	0	201.8							

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																					C	NC
1175	WF	WF-25	Palghar	0	409.8	0	409.8	0	389.3	0	389.3		11.4		11.4		5.4		5.4		168.2		168.2			185.0		185.0	0	11.4	0	11.4	0	204.3	0	204.3		47.5	18.6	47.5		safe		safe	
1176	WF	WF-26	Palghar	281.9	536.4	0	818.3	253.7	509.6	0	763.3	8.4	31.5		39.9	0.0	0		0	30.0	63.3		93.2	38.4	94.7		133.1	8.5	31.5	0	39.9	215.3	414.9	0	630.2		15.1	18.6	17.4		safe	safe		safe	
1177	WF	WF-27A	Thane	45.2	313.9	0	359.2	40.7	298.3	0	339.0	3.1	24.6		27.7	0.0	0		0	3.0	126.0		129.0	6.1	150.6		156.8	3.1	24.6	0	27.7	34.6	147.6	0	182.2		15.0	50.5	46.2		safe	safe		safe	
1178	WF	WF-27B	Palghar	0	281.8	0	281.8	0	267.7	0	267.7		18.8		18.8		0		0		45.4		45.4		64.2		64.2	0	18.8	0	18.8	0	203.5	0	203.5		24.0	24.0	24.0		safe		safe		
1179	WF	WF-28A	Thane	0	1633.3	0	1633.3	0	1470.0	0	1470.0		36.7		36.7		0		0		121.3		121.3		158.0		158.0	0	36.7	0	36.7	0	1311.9	0	1311.9		10.8	10.8	10.8		safe		safe		
1180	WF	WF-28B	Palghar	22.4	546.9	0	569.2	20.1	519.5	0	539.7	1.9	19.1		21.0	0.0	4.8		4.8	2.9	39.8		42.7	4.8	63.6		68.5	1.9	19.1	0	21.0	15.3	455.9	0	471.2		24.0	12.2	12.7		safe	safe		safe	
1181	WF	WF-29A	Thane	0.2	1341.0	0	1341.2	0.2	1274.0	0	1274.1		53.5		53.5		0		0		606.0		606.0		659.6		659.6	0	53.5	0	53.5	0.2	614.4	0	614.6		51.8	51.8	51.8		safe		safe		
1182	WF	WF-29B	Palghar	0	824.9	0	824.9	0	783.7	0	783.7		36.1		36.1		0.3		0.3		322.1		322.1		358.4		358.4	0	36.1	0	36.1	0	425.2	0	425.2		45.7	45.7	45.7		safe		safe		
1183	WF	WF-3	Nashik	0	2532.0	0	2532.0	0	2405.4	0	2405.4		68.7		68.7		0		0		112.7		112.7		181.4		181.4	0	68.7	0	68.7	0	2224.0	0	2224.0		7.5	7.5	7.5		safe		safe		
1184	WF	WF-30	Thane	1546.1	2201.1	0	3747.2	1468.8	2091.1	0	3559.9	18.7	106.2		124.9	0.0	0		0	32.3	221.8		254.1	50.9	328.0		378.9	18.7	106.2	0	124.9	1417.9	1763.1	0	3180.9		3.5	15.7	10.6		safe	safe		safe	
1185	WF	WF-31	Thane	0	585.0	0	585.0	0	555.8	0	555.8		26.2		26.2		0		0		216.7		216.7		242.9		242.9	0	26.2	0	26.2	0	312.8	0	312.8		43.7	43.7	43.7		safe		safe		
1186	WF	WF-32	Thane	0	976.2	0	976.2	0	927.4	0	927.4		20.6		20.6		0		0		372.2		372.2		392.9		392.9	0	20.6	0	20.6	0	534.5	0	534.5		42.4	42.4	42.4		safe		safe		
1187	WF	WF-33	Thane	94.3	1054.1	0	1148.5	89.6	1001.4	0	1091.0	4.3	42.1		46.5	0.0	0		0	18.7	142.6		161.4	23.1	184.8		207.8	4.3	42.1	0	46.5	66.6	816.7	0	883.2		25.7	18.4	19.0		safe	safe		safe	
1188	WF	WF-34	Thane	59.3	1229.0	0	1289.0	56.4	1168.2	0	1224.6	3.6	48.8		52.4	0.0	0		0	3.1	45.7		48.7	6.6	94.5		101.1	3.6	48.8	0	52.4	49.7	1073.7	0	1123.4		11.8	8.1	8.3		safe	safe		safe	
1189	WF	WF-35	Thane	201.0	1400.5	0	1601.5	190.9	1330.5	0	1521.4	12.6	37.8		50.4	0.0	0		0	18.9	78.0		96.9	31.5	115.8		147.3	12.6	37.8	0	50.4	159.4	1214.7	0	1374.1		16.5	8.7	9.7		safe	safe		safe	
1190	WF	WF-36	Thane	0	529.6	0	529.6	0	503.1	0	503.1		143.7		143.7		0		0		64.2		64.2		207.9		207.9	0	143.7	0	143.7	0	295.2	0	295.2		41.3	41.3	41.3		safe		safe		
1191	WF	WF-36A	Thane	0	599.6	0	599.6	0	569.6	0	569.6		4.6		4.6		0		0		52.8		52.8		57.5		57.5	0	4.6	0	4.6	0	512.2	0	512.2		10.1	10.1	10.1		safe		safe		
1192	WF	WF-37	Thane	94.8	658.9	0	753.7	85.3	626.0	0	711.2	2.1	52.9		55.0	0.0	0		0	6.1	84.2		90.3	8.2	137.1		145.3	2.1	52.9	0	55.0	77.1	488.9	0	565.9		9.6	21.9	20.4		safe	safe		safe	
1193	WF	WF-37	Raigad	83.7	218.6	0	302.3	75.3	196.8	0	272.1		27.2		27.2		0		0		23.6		23.6		50.9		50.9	0	27.2	0	27.2	75.3	145.9	0	221.2		25.9	18.7	18.7		safe		safe		
1194	WF	WF-38	Pune	0	35.3	0	35.3	0	31.8	0	31.8		2.9		2.9		0		0		13.6		13.6		16.5		16.5	0	2.9	0	2.9	0	15.3	0	15.3		51.8	51.8	51.8		safe		safe		
1195	WF	WF-38	Thane	125.8	1305.6	0	1431.4	119.5	1240.3	0	1359.9	5.0	77.3		82.3	0.0	0		0	6.6	110.9		117.4	11.6	188.1		199.7	5.0	77.3	0	82.3	108.0	1052.2	0	1160.2		9.7	15.2	14.7		safe	safe		safe	
1196	WF	WF-39	Thane	0	1001.9	0	1001.9	0	951.8	0	951.8		4.9		4.9		0		0		21.2		21.2		26.0		26.0	0	4.9	0	4.9	0	925.8	0	925.8		2.7	2.7	2.7		safe		safe		
1197	WF	WF-39	Raigad	287.7	16.8	0	304.5	258.9	15.9	0	274.8	0.2	0.0		0.2	0.0	0		0	7.5	0.0		7.5	7.8	0.0		7.8	0.3	0.0	0	0.3	251.2	15.9	0	267.1		3.0	0.0	2.8		safe	safe		safe	
1198	WF	WF-4	Nashik	14.8	1718.9	0	1733.6	13.3	1632.9	0	1646.2		50.2		50.2		0		0		53.5		53.5		103.7		103.7	0	50.2	0	50.2	13.3	1529.2	0	1542.5		6.3	6.3	6.3		safe		safe		
1199	WF	WF-40	Raigad	83.6	2453.1	0	2536.7	75.2	2330.5	0	2405.7	8.4	349.3		357.7	0.0	0		0	19.9	437.4		457.3	28.3	786.7		815.0	8.4	349.3	0	357.7	46.9	1543.8	0	1590.7		37.6	33.8	33.9		safe	safe		safe	
1200	WF	WF-41	Pune	0	578.2	0	578.2	0	520.4	0	520.4		33.6		33.6		0		0		20.3		20.3		54.0		54.0	0	33.6	0	33.6	0	466.4	0	466.4		10.4	10.4	10.4		safe		safe		
1201	WF	WF-41	Raigad	563.3	1811.8	0	2375.1	535.2	1721.0	0	2256.3	5.2	94.9		100.2	0.0	0		0	16.2	54.9		71.1	21.4	149.8		171.2	5.3	94.9	0	100.2	513.7	1571.4	0	2085.1		4.0	8.7	7.6		safe	safe		safe	
1202	WF	WF-42	Raigad	0	2151.2	0	2151.2	0	2043.6	0	2043.6		48.3		48.3		0		0		96.5		96.5		144.8		144.8	0	48.3	0	48.3	0	1898.8	0	1898.8		7.1	7.1	7.1		safe		safe		
1203	WF	WF-43	Raigad	294.7	4914.0	0	5208.7	279.9	4668.3	0	4948.3	22.6	169.0		191.6	0.0	0		0	25.5	150.5		176.0	48.1	319.5		367.6	22.6	169.0	0	191.6	231.8	4348.8	0	4580.6		17.2	6.8	7.4		safe	safe		safe	
1204	WF	WF-44	Raigad</																																										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total
1213	WF	WF-50	Raigad	259.3	1211.7	0	1471.0	246.3	1151.1	0	1397.4	5.5	66.5		72.0	0.0	0		0	1.3	468.7		470.0	6.9	535.1		542.0	5.6	66.5	0	72.0	239.5	616.0	0	855.5	2.8	46.5		38.8	safe	safe		safe
1214	WF	WF-51	Raigad	55.1	595.1	0	650.2	49.6	565.4	0	615.0	5.4	39.4		44.9	0.0	0		0	9.4	27.5		36.9	14.8	66.9		81.7	5.5	39.4	0	44.9	34.8	498.5	0	533.3	29.9	11.8		13.3	safe	safe		safe
1215	WF	WF-51	Pune	0	857.0	0	857.0	0	771.3	0	771.3		24.6		24.6		0		0		18.5		18.5		43.2		43.2	0	24.6	0	24.6	0	728.1	0	728.1		5.6		5.6		safe		safe
1216	WF	WF-52	Raigad	75.6	715.1	0	790.7	71.8	679.3	0	751.1	5.0	56.1		61.2	0.0	0		0	8.8	79.2		88.0	13.9	135.3		149.2	5.1	56.1	0	61.2	58.0	544.0	0	602.0	19.3	19.9		19.9	safe	safe		safe
1217	WF	WF-53	Raigad	41.2	1275.7	0	1316.9	39.1	1211.9	0	1251.1	3.9	132.3		136.2	0.0	0		0	10.8	48.6		59.4	14.7	180.9		195.6	3.9	132.3	0	136.2	24.4	1031.0	0	1055.5	37.6	14.9		15.6	safe	safe		safe
1218	WF	WF-54	Ratnagiri	0	1036.8	0	1036.8	0	984.9	0	984.9		34.2		34.2		0		0		111.0		111.0		145.2		145.2	0	34.2	0	34.2	0	839.7	0	839.7		14.7		14.7		safe		safe
1219	WF	WF-54	Raigad	0	250.9	0	250.9	0	238.3	0	238.3		17.7		17.7		0		0		20.2		20.2		37.9		37.9	0	17.7	0	17.7	0	200.5	0	200.5		15.9		15.9		safe		safe
1220	WF	WF-55	Ratnagiri	0	1318.4	0	1318.4	0	1252.5	0	1252.5		50.9		50.9		0		0		144.2		144.2		195.1		195.1	0	50.9	0	50.9	0	1057.4	0	1057.4		15.6		15.6		safe		safe
1221	WF	WF-56	Ratnagiri	149.8	1332.6	0	1482.3	142.3	1266.0	0	1408.3	2.6	52.6		55.2	0.0	0		0	25.3	391.6		416.9	27.9	444.2		472.1	2.6	52.6	0	55.2	114.5	821.7	0	936.2	19.6	35.1		33.5	safe	safe		safe
1222	WF	WF-57	Ratnagiri	37.1	1582.7	0	1619.8	35.3	1503.5	0	1538.8	1.3	52.5		53.8	0.0	0		0	16.5	213.3		229.8	17.8	265.9		283.6	1.3	52.5	0	53.8	17.5	1237.2	0	1255.2	50.4	17.7		18.4	safe	safe		safe
1223	WF	WF-58	Ratnagiri	197.9	2619.0	0	2816.9	188.0	2488.1	0	2676.1	8.2	51.0		59.2	0.0	0		0	48.3	151.6		199.9	56.5	202.6		259.2	8.2	51.0	0	59.2	131.5	2285.4	0	2416.9	30.1	8.1		9.7	safe	safe		safe
1224	WF	WF-59	Ratnagiri	0.4	1730.8	0	1731.3	0.4	1644.3	0	1644.7		61.8		61.8		0		0		341.5		341.5		403.3		403.3	0	61.8	0	61.8	0.4	1241.0	0	1241.4		24.5		24.5		safe		safe
1225	WF	WF-6	Nashik	503.7	4712.4	0	5216.1	478.5	4476.8	0	4955.3	4.9	95.4		100.3	0.0	0		0	11.7	161.8		173.6	16.6	257.2		273.8	4.9	95.4	0	100.3	461.9	4219.6	0	4681.5	3.5	5.7		5.5	safe	safe		safe
1226	WF	WF-60	Ratnagiri	0	1793.6	0	1793.6	0	1703.9	0	1703.9		57.9		57.9		0		0		506.8		506.8		564.7		564.7	0	57.9	0	57.9	0	1139.2	0	1139.2		33.1		33.1		safe		safe
1227	WF	WF-61	Ratnagiri	286.9	3706.6	0	3993.5	272.5	3521.3	0	3793.8	23.0	80.8		103.8	0.0	0		0	39.5	141.4		180.9	62.5	222.2		284.7	23.0	80.8	0	103.8	210.0	3299.1	0	3509.1	22.9	6.3		7.5	safe	safe		safe
1228	WF	WF-62	Ratnagiri	0	2725.8	0	2725.8	0	2589.5	0	2589.5		79.2		79.2		0		0		411.0		411.0		490.2		490.2	0	79.2	0	79.2	0	2099.3	0	2099.3		18.9		18.9		safe		safe
1229	WF	WF-63	Ratnagiri	0	1462.5	0	1462.5	0	1389.4	0	1389.4		55.8		55.8		0		0		479.7		479.7		535.5		535.5	0	55.8	0	55.8	0	853.9	0	853.9		38.5		38.5		safe		safe
1230	WF	WF-64	Ratnagiri	60.9	1737.0	0	1797.9	57.8	1650.2	0	1708.0	1.7	34.9		36.6	0.0	0		0	26.4	96.5		122.8	28.1	131.4		159.5	1.7	34.9	0	36.6	29.8	1518.8	0	1548.6	48.5	8.0		9.3	safe	safe		safe
1231	WF	WF-65	Ratnagiri	0	1379.3	0	1379.3	0	1310.3	0	1310.3		30.0		30.0		0		0		305.0		305.0		335.0		335.0	0	30.0	0	30.0	0	975.3	0	975.3		25.6		25.6		safe		safe
1232	WF	WF-66	Ratnagiri	0	1146.6	0	1146.6	0	1089.3	0	1089.3		69.5		69.5		0		0		567.7		567.7		637.2		637.2	0	69.5	0	69.5	0	452.0	0	452.0		58.5		58.5		safe		safe
1233	WF	WF-67	Ratnagiri	31.8	1487.1	0	1518.9	30.2	1412.7	0	1442.9	6.6	51.0		57.6	0.0	0		0	16.7	106.3		123.0	23.3	157.3		180.6	6.6	51.0	0	57.6	6.9	1255.4	0	1262.3	77.3	11.1		12.5	semi_critical	safe		safe
1234	WF	WF-68	Ratnagiri	70.9	1966.5	0	2037.4	63.8	1868.2	0	1931.9	2.2	81.3		83.5	0.0	0		0	15.4	308.4		323.8	17.6	389.7		407.3	2.2	81.3	0	83.5	46.2	1478.4	0	1524.6	27.9	20.1		21.1	safe	safe		safe
1235	WF	WF-69	Ratnagiri	21.5	2834.0	0	2855.5	20.4	2692.3	0	2712.7	1.7	77.7		79.4	0.0	0		0	11.9	131.6		143.5	13.6	209.3		222.9	1.7	77.7	0	79.4	6.9	2483.0	0	2489.8	66.4	7.8		8.2	safe	safe		safe
1236	WF	WF-69A	Ratnagiri	0	57.6	0	57.6	0	54.7	0	54.7		0.6		0.6		0		0		0.0		0		0.6		0.6	0	0.6	0	0.6	0	54.1	0	54.1		1.1		1.1		safe		safe
1237	WF	WF-7	Palghar	371.2	654.9	0	1026.1	352.6	622.1	0	974.8	12.9	29.3		42.2	0.0	0		0	23.0	76.5		99.5	35.9	105.8		141.7	12.9	29.3	0	42.2	316.7	516.3	0	833.1	10.2	17.0		14.5	safe	safe		safe
1238	WF	WF-7	Nashik	131.4	6956.2	0	7087.8	124.8	6608.4	0	6733.2	6.3	42.7		49.0	0.0	0		0	14.7	297.9		312.5	21.0	340.6		361.6	6.3	42.7	0	49.0	103.9	6267.8	0	6371.7	16.8	5.2		5.4	safe	safe		safe
1239	WF	WF-70	Ratnagiri	325.3	3502.2	0	3827.5	309.1	3327.0	0	3636.1	19.6	134.8		154.4	0.0	0		0	35.1	309.7		344.9	54.7	444.5		499.2	19.6	134.8	0	154.4	254.3	2882.6	0	3136.8	17.4	13.4		13.7	safe	safe		safe
1240	WF	WF-71	Ratnagiri	164.6	4594.4	0	4759.0	156.4	4134.9	0	4291.3	13.2	124.5		137.7	0.0	0		0	19.8	385.8		405.5	33.0	510.3		543.3	13.2	124.5	0	137.7	123.6	3624.6	0	3748.1	21.1	12.3		12.7	safe	safe		safe
1241	WF	WF-72	Ratnagiri	0	1716.9	0	1716.9	0	1631.0	0	1631.0		70.7		70.7		0		0		244.8		244.8		315.5		315.5	0	70.7	0	70.7	0	1315.5	0	1315.5		19.3		19.3		safe		safe
1242	WF	WF-72	Sindhu durg	0	2085.9	0	2085.9</																																				

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total									C	NC	PQ	Total	C	NC	PQ	Total		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total									C	NC
1251	WF	WF-8	Palghar	0	118.9	0	118.9	0	113.0	0	113.0		5.2		5.2		0		0		16.5		16.5		21.8		21.8	0	5.2	0	5.2	0	91.2	0	91.2		19.2		19.2			safe		safe	
1252	WF	WF-8	Nashik	73.1	4104.9	0	4178.0	69.5	3899.7	0	3969.1	3.2	52.6		55.7	0.0	0		0	8.4	180.8		189.1	11.5	233.3		244.9	3.2	52.6	0	55.7	57.9	3666.4	0	3724.3	16.6	6.0	6.2	safe		safe		safe		
1253	WF	WF-80	Kolhapur	0	1909.7	0	1909.7	0	1814.2	0	1814.2		14.6		14.6		0		0		303.0		303.0		317.6		317.6	0	14.6	0	14.6	0	1496.6	0	1496.6		17.5		17.5		safe		safe		
1254	WF	WF-80	Sindhudurg	0	522.1	0	522.1	0	496.0	0	496.0		69.0		69.0		0		0		225.6		225.6		294.6		294.6	0	69.0	0	69.0	0	201.4	0	201.4		59.4		59.4		safe		safe		
1255	WF	WF-81	Sindhudurg	0	158.3	0	158.3	0	150.4	0	150.4		12.9		12.9		0		0		52.7		52.7		65.6		65.6	0	12.9	0	12.9	0	84.9	0	84.9		43.6		43.6		safe		safe		
1256	WF	WF-9	Nashik	7.5	1948.8	0	1956.3	6.7	1851.4	0	1858.1		71.5		71.5		0		0		191.2		191.2		262.7		262.7	0	71.5	0	71.5	6.7	1588.7	0	1595.4		14.2		14.1		safe		safe		
1257	WF	WF-9	Palghar	0	193.6	0	193.6	0	183.9	0	183.9		11.6		11.6		0		0		17.7		17.7		29.4		29.4	0	11.6	0	11.6	0	154.6	0	154.6		16.0		16.0		safe		safe		
1258	WG	WG-0	Nagpur	0	1161.1	0	1161.1	0	1103.0	0	1103.0		97.8		97.8		0		0		548.4		548.4		646.2		646.2	0	97.8	0	97.8	0	456.8	0	456.8		58.6		58.6		safe		safe		
1259	WG	WG-1	Gondia	1937.7	2446.8	0	4384.5	1840.8	2202.1	0	4042.9	185.9	135.7		321.6	5.9	17.5		23.4	573.1	111.2		684.3	765.0	264.5		1029.4	185.9	135.7	0	321.6	1075.9	1937.6	0	3013.5	41.6	12.0	25.5	safe		safe		safe		
1260	WG	WG-10	Bhandara	781.7	1829.4	0	2611.1	742.7	1737.9	0	2480.6	118.5	71.6		190.2	0.2	4.3		4.6	156.2	665.8		822.0	275.0	741.7		1016.7	118.6	78.0	0	196.7	467.7	989.9	0	1457.5	37.0	42.7	41.0	safe		safe		safe		
1261	WG	WG-11	Bhandara	2302.3	2492.7	0	4795.1	2072.1	2368.1	0	4440.2	24.9	139.3		164.3	0.0	8.1		8.1	446.8	1847.1		2294.0	471.8	1994.6		2466.4	24.9	139.3	0	164.3	1600.3	373.5	0	1973.8	22.8	84.2	55.5	safe		semi_critical		safe		
1262	WG	WG-12	Bhandara	107.9	2131.3	0	2239.2	97.1	2024.7	0	2121.9	6.5	152.9		159.3	0.0	0		0	12.6	730.2		742.8	19.1	883.1		902.2	6.5	152.9	0	159.3	78.0	1141.6	0	1219.7	19.6	43.6	42.5	safe		safe		safe		
1263	WG	WG-13	Gadchiroli	3255.9	8.2	0	3264.2	3093.2	7.4	0	3100.6	241.4			241.4	0.0			0	319.3			319.3	560.7				241.4	0.0	0	241.4	2532.5	7.4	0	2539.9	18.1	18.1	18.1	safe				safe		
1264	WG	WG-14	Chandrapur	0	1245.0	0	1245.0	0	1120.5	0	1120.5		285.8		285.8		0		0		388.8		388.8		674.6		674.6	0	285.8	0	285.8	0	445.8	0	445.8		60.2		60.2		safe		safe		
1265	WG	WG-15	Chandrapur	0	2631.8	0	2631.8	0	2500.2	0	2500.2		589.5		589.5		0		0		407.1		407.1		996.7		996.7	0	589.5	0	589.5	0	1503.5	0	1503.5		39.9		39.9		safe		safe		
1266	WG	WG-16	Chandrapur	0	2907.0	0	2907.0	0	2761.6	0	2761.6		817.7		817.7		0.1		0.1		258.4		258.4		1076.1		1076.1	0	817.7	0	817.7	0	1685.5	0	1685.5		39.0		39.0		safe		safe		
1267	WG	WG-17	Chandrapur	4488.9	788.9	0	5277.8	4264.4	749.5	0	5013.9	362.9	220.1		583.1	0.3	0		0.3	151.2	75.3		226.4	514.4	295.4		809.8	362.9	220.1	0	583.1	3750.0	454.1	0	4204.1	12.1	39.4	16.2	safe		safe		safe		
1268	WG	WG-18	Chandrapur	533.8	61.0	0	594.8	507.1	58.0	0	565.1	127.4	32.5		160.0	0.0	0		0	52.8	10.1		62.9	180.2	42.7		222.9	127.4	32.5	0	160.9	326.9	15.3	0	342.2	35.6	73.6	39.4	safe		semi_critical		safe		
1269	WG	WG-19	Gadchiroli	477.7	2069.8	0	2547.5	453.8	1966.3	0	2420.1	47.6	162.0		209.5	0.0	0		0	90.6	324.5		415.2	138.2	486.5		624.7	47.6	162.0	0	209.6	315.6	1479.8	0	1795.4	30.5	24.7	25.8	safe		safe		safe		
1270	WG	WG-2	Gondia	2140.6	1014.9	0	3155.5	1926.5	913.4	0	2840.0	298.3	39.3		337.6	11.8	0.5		12.2	173.9	52.0		225.8	483.9	91.7		575.7	298.3	39.3	0	337.6	1442.6	821.7	0	2264.3	25.0	10.0	20.3	safe		safe		safe		
1271	WG	WG-20	Chandrapur	0	886.7	0	886.7	0	842.4	0	842.4		388.9		388.9		0.1		0.1		146.4		146.4		535.5		535.5	0	388.9	0	388.9	0	306.9	0	306.9		63.6		63.6		safe		safe		
1272	WG	WG-21	Gadchiroli	0	2647.5	0	2647.5	0	2515.1	0	2515.1		347.3		347.3		1.1		1.1		754.5		754.5		1102.9		1102.9	0	347.3	0	347.3	0	1412.3	0	1412.3		43.8		43.8		safe		safe		
1273	WG	WG-3	Gondia	1713.6	1753.3	0	3466.9	1627.9	1578.0	0	3205.9	404.8	180.2		585.0	6.2	5.6		11.8	372.8	175.8		548.5	783.7	361.6		1145.3	404.8	180.3	0	585.0	844.2	1216.3	0	2060.6	48.1	22.9	35.7	safe		safe		safe		
1274	WG	WG-4	Gondia	298.1	300.6	0	598.8	268.3	285.6	0	553.9	16.9	5.2		22.1	0.0	0		0	14.9	9.9		24.8	31.8	15.1		46.9	16.9	5.2	0	22.1	236.5	270.5	0	507.0	11.9	5.3	8.5	safe		safe		safe		
1275	WG	WG-5	Bhandara	3528.2	789.3	0	4317.5	3351.8	749.9	0	4101.6	281.2	110.2		391.4	0.3	2.5		2.8	1180.9	370.1		1551.0	1462.3	482.9		1945.1	281.2	110.2	0	391.4	1889.5	267.0	0	2156.6	43.6	64.4	47.4	safe		safe		safe		
1276	WG	WG-6	Bhandara	763.1	845.7	0	1608.8	686.7	803.4	0	1490.2	8.3	95.8		104.1	0.0	0		0	143.0	431.0		574.0	151.3	526.8		678.1	8.3	95.8	0	104.1	535.5	276.6	0	812.1	22.0	65.6	45.5	safe		safe		safe		
1277	WG	WG-7 A	Gondia	732.2	62.2	0	794.4	695.6	56.0	0	751.6	100.4	0.0		100.4	1.2	0		1.2	144.7	0.0		144.7	246.3	0.0		246.3	100.4	0.0	0	100.4	449.3	56.0	0	505.3	35.4	0.0	32.8	safe		safe		safe		
1278	WG	WG-7 B	Bhandara	587.1	760.3	0	1347.4	557.7	722.3	0	1280.0	36.7	68.1		104.8	0.0	3.7		3.7	173.7	376.5		550.1	210.3	448.2		658.6	36.7	68.1	0	104.8	347.4	274.1	0	621.5	37.7	62.4	51.4	safe		safe		safe		
1279	WG	WG-8	Bhandara	342.7	2096.7	0	2439.4	325.9	1991.5	0	2317.5	160.4	102.4		263.3	0.7	2.6		3.3	73.4	1110.8																								

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit				
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																	
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C
1289	WG A	WGA-4	Nagpur	156.2	873.6	0	1029.8	140.6	829.9	0	970.5	69.6	322.9		392.6	0.0	0	0	18.4	241.8		260.2	88.0	564.8		652.8	69.6	322.9	0	392.6	52.6	265.1	0	317.7	62.6	68.1		67.3	safe	safe		safe		
1290	WG A	WGA-5	Chandrapur	0	1565.1	0	1565.1	0	1486.9	0	1486.9		121.3		121.3	0	0	0		60.6		60.6		181.9		181.9	0	121.3	0	121.3	0	1305.0	0	1305.0		12.2		12.2		safe			safe	
1291	WG A	WGA-6	Chandrapur	0	1094.2	0	1094.2	0	1039.5	0	1039.5		29.2		29.2	0	0	0		12.2		12.2		41.4		41.4	0	29.2	0	29.2	0	998.2	0	998.2		4.0		4.0		safe			safe	
1292	WG AM	WGAM-1	Chandrapur	458.2	226.8	0	685.0	435.3	204.1	0	639.4	168.1	55.1		223.2	0.0	0	0	55.4	36.3		91.6	223.5	91.4		314.8	168.1	55.1	0	223.2	211.9	112.8	0	324.6	51.3	44.8		49.2	safe	safe		safe		
1293	WG AM	WGAM-2	Chandrapur	0	667.3	0	667.3	0	634.0	0	634.0		113.8		113.8	0	0	0		95.5		95.5		209.3		209.3	0	113.8	0	113.8	0	424.7	0	424.7		33.0		33.0		safe			safe	
1294	WG AM	WGAM-3	Chandrapur	0	1394.8	0	1394.8	0	1325.0	0	1325.0		248.3		248.3	0	0	0		238.2		238.2		486.6		486.6	0	248.3	0	248.3	0	838.5	0	838.5		36.7		36.7		safe			safe	
1295	WG AM	WGAM-4	Chandrapur	0	648.7	0	648.7	0	616.2	0	616.2		264.0		264.0	0	0	0		158.8		158.8		422.8		422.8	0	264.0	0	264.0	0	193.4	0	193.4		68.6		68.6		safe			safe	
1296	WG AM	WGAM-5	Chandrapur	2732.7	1288.1	0	4020.8	2459.4	1159.3	0	3618.7	376.1	188.3		564.4	0.0	0	0	97.4	197.8		295.3	473.6	386.1		859.7	376.1	188.3	0	564.4	1985.8	773.2	0	2759.0	19.3	33.3		23.8	safe	safe		safe		
1297	WG AM	WGAM-6	Chandrapur	1649.7	1700.8	0	3350.5	1567.2	1615.7	0	3182.9	281.6	319.7		601.3	0.0	0	0	207.5	106.5		314.0	489.1	426.2		915.2	281.6	319.7	0	601.3	1078.6	0	2267.7	31.2	26.4		28.8	safe	safe		safe			
1298	WG AMA	WGAM-A-0	Chandrapur	0	887.9	0	887.9	0	843.5	0	843.5		106.3		106.3	0	0	0		40.9		40.9		147.2		147.2	0	106.3	0	106.3	0	696.3	0	696.3		17.5		17.5		safe			safe	
1299	WG AMB	WGAM-B-0	Chandrapur	2147.2	2534.7	0	4681.9	2039.9	2408.0	0	4447.8	204.6	249.2		453.8	0.0	0	0	166.3	364.9		531.2	370.9	614.1		985.0	204.6	249.2	0	453.8	1669.9	0	3462.8	18.2	25.5		22.1	safe	safe		safe			
1300	WG AMG	WGAM-G-0	Chandrapur	0	3142.2	0	3142.2	0	2985.1	0	2985.1		678.8		678.8	0.1	0.1			616.4		616.4		1295.3		1295.3	0	678.8	0	678.8	0	1689.8	0	1689.8		43.4		43.4		safe			safe	
1301	WG AMG	WGAM-G-0	Chandrapur	0	1664.8	0	1664.8	0	1581.5	0	1581.5		260.7		260.7	0	0	0		110.2		110.2		370.9		370.9	0	260.7	0	260.7	0	1210.7	0	1210.7		23.5		23.5		safe			safe	
1302	WG AMH	WGAM-H-1	Chandrapur	0	516.5	0	516.5	0	490.7	0	490.7		193.5		193.5	0	0	0		94.1		94.1		287.6		287.6	0	193.5	0	193.5	0	203.1	0	203.1		58.6		58.6		safe			safe	
1303	WG AMH	WGAM-H-2	Chandrapur	835.8	762.7	0	1598.5	794.0	724.6	0	1518.6	320.0	96.1		416.2	0.0	0	0	97.7	65.6		163.3	417.7	161.8		579.5	320.0	96.1	0	416.2	376.3	562.8	0	939.1	52.6	22.3		38.2	safe	safe		safe		
1304	WG AMH	WGAM-H-3	Chandrapur	0	595.7	0	595.7	0	565.9	0	565.9		170.1		170.1	0	0	0		141.4		141.4		311.4		311.4	0	170.1	0	170.1	0	254.5	0	254.5		55.0		55.0		safe			safe	
1305	WG AMJ	WGAMJ-0	Chandrapur	0	2634.0	0	2634.0	0	2502.3	0	2502.3		269.1		269.1	0	0	0		190.5		190.5		459.6		459.6	0	269.1	0	269.1	0	2042.6	0	2042.6		18.4		18.4		safe			safe	
1306	WG AMK	WGAM-K-0	Chandrapur	0	730.8	0	730.8	0	694.3	0	694.3		230.8		230.8	0.3	0.3			251.7		251.7		482.7		482.7	0	230.8	0	230.8	0	211.5	0	211.5		69.5		69.5		safe			safe	
1307	WG AMN	WGAM-N-0	Chandrapur	0	391.5	0	391.5	0	371.9	0	371.9		119.8		119.8	0	0	0		70.4		70.4		190.3		190.3	0	119.8	0	119.8	0	181.6	0	181.6		51.2		51.2		safe			safe	
1308	WG AMN	WGAM-N-0	Chandrapur	0	253.6	0	253.6	0	240.9	0	240.9		96.1		96.1	0.1	0.1			65.5		65.5		161.7		161.7	0	96.1	0	96.1	0	79.2	0	79.2		67.1		67.1		safe			safe	
1309	WG AMP	WGAM-P-0	Chandrapur	431.3	1694.7	0	2126.0	409.7	1610.0	0	2019.7	158.4	249.7		408.1	0.8	0.6		1.4	96.4	154.7		251.1	255.6	405.0		660.6	158.4	249.7	0	408.1	154.2	1205.0	0	1359.1	62.4	25.2		32.7	safe	safe		safe	
1310	WG B	WGB-0	Chandrapur	0	5399.1	0	5399.1	0	5129.1	0	5129.1		818.5		818.5	5.9	5.9				1807.4		1807.4		2631.8		2631.8	0	818.5	0	818.5	0	2497.3	0	2497.3		51.3		51.3		safe			safe
1311	WG B	WGB-0	Bhandara	0	86.2	0	86.2	0	81.9	0	81.9		6.8		6.8	0	0	0		13.0		13.0		19.8		19.8	0	6.8	0	6.8	0	62.1	0	62.1		24.1		24.1		safe			safe	
1312	WG B	WGB-1	Nagpur	38.6	720.7	0	759.3	36.7	684.7	0	721.4	2.4	15.8		18.2	0.0	0	0	15.0	85.6		100.5	17.4	101.3		118.7	2.4	15.8	0	18.2	19.3	583.4	0	602.7	47.3	14.8		16.5	safe	safe		safe		
1313	WG B	WGB-2	Nagpur	184.4	1206.7	0	1391.1	175.4	1146.0	0	1321.6	56.0	220.6		276.6	0.0	0	0	51.8	280.6		332.4	107.9	501.1		609.0	56.0	220.6	0	276.6	67.3	645.2	0	712.6	61.6	43.7		46.1	safe	safe		safe		
1314	WG B	WGB-3	Nagpur	0	765.4	0	765.4	0	727.1	0	727.1		42.1		42.1	0	0	0		82.4		82.4		124.5		124.5	0	42.1	0	42.1	0	602.7	0	602.7		17.1		17.1		safe			safe	
1315	WG B	WGB-3	Bhandara	0	1183.6	0	1183.6	0	1124.4	0	1124.4		58.9		58.9	0	0	0		409.8		409.8		468.7		468.7	0	58.9	0	58.9	0	655.7	0	655.7		41.7		41.7		safe			safe	
1316	WG B	WGB-4	Bhandara	863.6	748.7	0	1612.2	820.4	711.2	0	1531.6	45.3	52.1		97.4	0.0	0.2		0.2	250.7	351.6		602.3	296.0	404.0		700.0	45.3	52.1	0	97.5	524.4	307.3	0	831.6	36.1	56.8		45.7	safe	safe		safe	
1317	WG C	WGC-1	Bhandara	545.4	2124.6	0	2670.1	518.4	2018.0	0	2536.0	16.5	134.5		151.0	0.0	0.4		0.4	79.8	707.9		787.8	96.3	842.8		939.1	16.5	134.5	0	151.0	421.8	1175.6	0	1597.4	18.4	41.8		37.0	safe	safe		safe	
1318	WG C	WGC-2 A	Gondia	1127.4	625.7	0	1753.1	1071.0	563.1	0	1634.1	20.9	28.6		49.4																													

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit						
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																			
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total			
13 27	WG CB	WGCB-0	Gondia	404.2	1283.3	0	1687.5	363.8	1219.1	0	1582.9	53.2	149.6		202.8	2.1	0.3		2.4	87.1	209.9		297.0	142.4		359.8			502.1	53.2	149.6	0	202.8	221.4	859.3	0	1080.8	39.1	29.5		31.7	safe	safe		safe	
13 28	WG CK	WGCK-0B	Bhandara	412.0	1419.9	0	1831.9	391.4	1348.9	0	1740.3	21.1	116.6		137.7	0.0	14.2		14.2	172.8	856.6		1029.3	193.9		987.4			1181.3	21.1	116.6	0	137.8	197.5	361.6	0	559.1	49.5	73.2		67.9	safe	semi_critical		safe	
13 29	WG CK	WGCK-A	Gondia	552.1	532.7	0	1084.8	524.5	479.4	0	1003.9	34.8	5.4		40.2	0.6	0		0.6	155.5	31.6		187.2	190.9		37.0			228.0	34.8	5.4	0	40.2	333.6	442.4	0	776.0	36.4	7.7		22.7	safe	safe		safe	
13 30	WG CS	WGCS-	Gondia	8.2	2109.4	0	2117.4	7.4	2003.7	0	2011.1		177.4		177.4		8.6		8.6		880.2		880.2			1066.3			1066.3	0	177.4	0	177.4	7.4	937.4	0	944.8		53.2		53.0		safe			safe
13 31	WG CU	WGCU-	Gondia	215.2	1012.3	0	1227.6	193.7	961.7	0	1155.4	25.0	69.5		94.5	1.0	4.9		5.8	54.7	312.7		367.3	80.6		387.1			467.7	25.0	69.5	0	94.5	113.1	574.6	0	687.7	41.6	40.2		40.5	safe	safe		safe	
13 32	WG G	WGG-1	Gondia	2.1	785.3	0	787.4	1.9	746.1	0	747.9		29.2		29.2		0.3		0.3		87.3		87.3			116.9			116.9	0	29.2	0	29.2	1.9	629.2	0	631.1		15.7		15.6		safe			safe
13 33	WG G	WGG-10	Gadchiroli	1466.4	1835.7	0	3302.1	1319.8	1743.9	0	3063.7	108.8	35.6		144.5	0.0	0		0	81.4	277.1		358.5	190.3		312.7			502.9	108.8	35.6	0	144.5	1129.5	2560.8	0	2560.8	14.4	17.9		16.4	safe	safe		safe	
13 34	WG G	WGG-2	Gondia	0	472.9	0	472.9	0	449.2	0	449.2		22.7		22.7		1.4		1.4		32.3		32.3			56.5			56.5	0	22.7	0	22.7	0	392.8	0	392.8		12.6		12.6		safe			safe
13 35	WG G	WGG-3	Gondia	78.8	885.2	0	964.0	70.9	840.9	0	911.8	19.5	14.7		34.2	0.0	2.2		2.2	22.8	52.2		75.0	42.4		69.0			111.4	19.5	14.7	0	34.2	28.5	771.9	0	800.4	59.8	8.2		12.2	safe	safe		safe	
13 36	WG G	WGG-3	Gadchiroli	0	16.3	0	16.3	0	14.7	0	14.7		0.8		0.8		0		0		7.6		7.6			8.4			8.4	0	0.8	0	0.8	0	6.3	0	6.3		57.3		57.3		safe			safe
13 37	WG G	WGG-4	Gondia	0	2187.7	0	2187.7	0	2078.3	0	2078.3		44.5		44.5		0		0		241.1		241.1			285.6			285.6	0	44.5	0	44.5	0	1792.6	0	1792.6		13.7		13.7		safe			safe
13 38	WG G	WGG-5	Gondia	1740.4	1342.0	0	3082.4	1566.9	1274.9	0	2841.2	36.4	28.4		64.8	5.9	1.4		7.4	119.1	194.3		313.4	161.4		224.1			385.5	36.4	28.4	0	64.8	1405.0	1050.7	0	2455.7	10.3	17.6		13.6	safe	safe		safe	
13 39	WG G	WGG-6	Gondia	2952.3	1310.6	0	4262.9	2657.1	1179.5	0	3836.6	294.1	45.2		339.3	10.0	3.8		13.8	185.4	90.4		275.8	489.5		139.4			628.9	294.1	45.2	0	339.3	2167.5	1040.2	0	3207.7	18.4	11.8		16.4	safe	safe		safe	
13 40	WG G	WGG-7	Gadchiroli	0	711.4	0	711.4	0	675.8	0	675.8		20.4		20.4		0		0		258.1		258.1			278.5			278.5	0	20.4	0	20.4	0	397.3	0	397.3		41.2		41.2		safe			safe
13 41	WG G	WGG-8	Gadchiroli	2.1	1047.9	0	1050.0	1.9	995.5	0	997.4		48.5		48.5		0		0		422.5		422.5			471.0			471.0	0	48.5	0	48.5	1.9	524.5	0	526.4		47.3		47.2		safe			safe
13 42	WG G	WGG-9	Gadchiroli	0	1971.6	0	1971.6	0	1873.1	0	1873.1		219.7		219.7		0		0		771.8		771.8			991.4			991.4	0	219.7	0	219.7	0	881.6	0	881.6		52.9		52.9		safe			safe
13 43	WG GC	WGGC-0	Gadchiroli	0	41.5	0	41.5	0	39.4	0	39.4		7.2		7.2		0		0		11.1		11.1			18.3			18.3	0	7.2	0	7.2	0	21.1	0	21.1		46.4		46.4		safe			safe
13 44	WG GD	WGGD-0	Gadchiroli	0	17.0	0	17.0	0	16.2	0	16.2		2.6		2.6		0		0		6.2		6.2			8.9			8.9	0	2.6	0	2.6	0	7.3	0	7.3		54.9		54.9		safe			safe
13 45	WG GD	WGGD-0	Gondia	0	1572.4	0	1572.4	0	1493.8	0	1493.8		47.8		47.8		1.4		1.4		52.9		52.9			102.1			102.1	0	47.8	0	47.8	0	1391.7	0	1391.7		6.8		6.8		safe			safe
13 46	WG GS	WGGSO	Gondia	0	300.5	0	300.5	0	285.5	0	285.5		22.4		22.4		0		0		10.9		10.9			33.3			33.3	0	22.4	0	22.4	0	252.2	0	252.2		11.7		11.7		safe			safe
13 47	WG K	WGK-1	Gadchiroli	0.3	3975.3	0	3975.6	0.2	3776.5	0	3776.8		164.8		164.8		0.2		0.2		1064.2		1064.2			1229.2			1229.2	0	164.8	0	164.8	0.2	2547.3	0	2547.6		32.5		32.5		safe			safe
13 48	WG K	WGK-1	Gadchiroli	0	2539.9	0	2539.9	0	2412.9	0	2412.9		64.4		64.4		0		0		372.1		372.1			436.5			436.5	0	64.4	0	64.4	0	1976.4	0	1976.4		18.1		18.1		safe			safe
13 49	WG K	WGK-1	Nagpur	297.3	1028.8	0	1326.1	267.6	977.3	0	1244.9	28.2	75.2		103.4	0.0	0		0	161.1	508.1		669.2	189.3		583.3			772.6	28.2	75.2	0	103.4	78.3	394.0	0	472.3	70.7	59.7		62.1	semi_critical	safe		safe	
13 50	WG K	WGK-2	Gadchiroli	0	2862.7	0	2862.7	0	2719.6	0	2719.6		67.7		67.7		0		0		852.3		852.3			920.1			920.1	0	67.7	0	67.7	0	1799.5	0	1799.5		33.8		33.8		safe			safe
13 51	WG K	WGK-2	Nagpur	1069.4	816.0	0	1885.5	962.5	775.2	0	1737.7	92.5	90.2		182.7	2.6	0		2.6	320.3	475.9		796.2	415.5		566.0			981.5	92.6	90.2	0	182.7	547.0	209.2	0	756.2	43.2	73.0		56.5	safe	semi_critical		safe	
13 52	WG K	WGK-2	Gadchiroli	0	1531.3	0	1531.3	0	1454.7	0	1454.7		66.6		66.6		0		0		854.4		854.4			921.0			921.0	0	66.6	0	66.6	0	533.7	0	533.7		63.3		63.3		safe			safe
13 53	WG K	WGK-3	Nagpur	2645.6	0.0	0	2645.6	2513.3	0.0	0	2513.3	123.5			123.5	0.7			0.7	357.6			357.6			481.7			481.7	123.5	0.0	0	123.5	2031.5	0.0	0	2031.5	19.2	19.2		19.2	safe			safe	
13 54	WG K	WGK-3	Gadchiroli	0	784.6	0	784.6	0	745.4	0	745.4		46.2		46.2		0		0		202.1		202.1			248.3			248.3	0	46.3	0	46.3	0	497.0	0	497.0		33.3		33.3		safe			safe
13 55	WG K	WGK-3	Gadchiroli	0	1046.9	0	1046.9	0	994.5	0	994.5		28.1		28.1		0		0		158.6		158.6																							

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit																			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total																
1365	WGKD	WGKD-0	Gadchiroli	0	1615.4	0	1615.4	0	1534.6	0	1534.6					38.5			38.5	0			0							294.9			294.9			333.4					333.4	0	38.5	0	38.5	0	1201.2	0	1201.2		21.7		21.7			safe			safe
1366	WGKD	WGKD-0	Gadchiroli	0	922.3	0	922.3	0	876.1	0	876.1					23.5			23.5	0			0							312.2			312.2			335.7					335.7	0	23.5	0	23.5	0	540.5	0	540.5		38.3		38.3			safe			safe
1367	WGKK	WGKK-0	Gadchiroli	0	198.9	0	198.9	0	189.0	0	189.0					11.7			11.7	0			0							37.5			37.5			49.3					49.3	0	11.7	0	11.7	0	139.7	0	139.7		26.1		26.1			safe			safe
1368	WGKK	WGKK-1	Nagpur	749.5	1148.2	0	1897.7	712.1	1033.3	0	1745.4	89.2				228.0			317.2	0.0	0.8		0.8	388.6	674.1			1062.7	477.8		902.9			1380.7	89.2		228.0			317.2	234.3	130.4	0	364.7	67.1	87.4		79.1	safe	semi_critical			semi_critical						
1369	WGKK	WGKK-2	Nagpur	145.4	1316.3	0	1461.7	130.9	1250.5	0	1381.4	6.8				78.7			85.5	0.0	0		0	78.3	639.4			717.7	85.0		718.2			803.2	6.8		78.8	0	85.5	45.8	532.3	0	578.2	65.0	57.4		58.1	safe	safe			safe							
1370	WGKK	WGKK-3	Nagpur	578.1	978.6	0	1556.7	549.2	880.7	0	1429.9	110.2				236.2			346.4	0.8	0.9		1.7	217.6	379.8			597.4	328.6		616.8			945.4	110.2		236.2			346.4	220.6	263.9	0	484.5	59.8	70.0		66.1	safe	semi_critical			safe						
1371	WGKK	WGKK-C-1	Nagpur	310.4	2025.1	0	2335.5	294.9	1822.6	0	2117.5	20.3				101.3			121.5	0.0	0		0	62.2	985.7			1047.9	82.5		1087.0			1169.5	20.3		101.3	0	121.6	212.4	735.6	0	948.0	28.0	59.6		55.2	safe	safe			safe							
1372	WGKK	WGKK-C-2	Nagpur	646.0	5122.8	0	5768.8	613.7	4866.7	0	5480.4	104.2				279.5			383.7	0.0	5.9		5.9	223.2	2714.7			2937.9	327.4		3000.1			3327.5	104.2		279.5	0	383.7	286.3	1866.6	0	2152.9	53.3	61.6		60.7	safe	safe			safe							
1373	WGKN	WGKN-1	Nagpur	0	574.3	0	574.3	0	545.6	0	545.6					65.8			65.8	2.8			2.8		210.1			210.1			278.7			278.7	0		65.8	0	65.8	0	266.9	0	266.9		51.1		51.1			safe			safe						
1374	WGKN	WGKN-2	Nagpur	72.6	1759.0	0	1831.6	68.9	1671.1	0	1740.0	14.1				116.4			130.6	0.0	2.7		2.7	52.5	777.8			830.3	66.6		897.0			963.6	14.1		116.4	0	130.6	2.3	774.1	0	776.4	96.6	53.7		55.4	critical	safe			safe							
1375	WGKN	WGKN-3	Nagpur	226.1	1300.2	0	1526.3	214.8	1235.2	0	1450.0	23.8				99.3			123.1	0.0	0.6		0.6	106.5	576.4			683.0	130.4		676.3			806.7	23.8		99.3	0	123.1	84.4	558.9	0	643.3	60.7	54.8		55.6	safe	safe			safe							
1376	WGKN	WGKN-4	Nagpur	1986.0	2.2	0	1988.2	1886.7	1.9	0	1888.6					85.2			255.9					255.9				517.2						176.0	0.0	0	176.0	5.5	1.9	0	1371.5		27.4		27.4	safe				safe									
1377	WGKN	WGKN-5	Nagpur	1424.7	0.0	0	1424.7	1353.5	0.0	0	1353.5	66.7				66.7			18.8				18.8	836.4			836.4	921.9						176.0	0.0	0	66.7	431.6	0.0	0	431.6	68.1	68.1		68.1	safe				safe									
1378	WGKP	WGKP-1	Nagpur	0	116.8	0	116.8	0	111.0	0	111.0					32.0			32.0	0			0		26.1			26.1			58.2			58.2	0		32.0	0	32.0	0	52.8	0	52.8		52.4		52.4			safe			safe						
1379	WGKP	WGKP-2	Nagpur	1450.4	0.0	0	1450.4	1377.8	0.0	0	1377.8	159.0				159.0			159.0	0.9			0.9	447.1			447.1	607.0						159.1	0.0	0	159.1	770.8	0.0	0	770.8	44.1	44.1		44.1	safe				safe									
1380	WGKP	WGKP-3	Nagpur	948.5	419.6	0	1368.1	901.1	377.6	0	1278.7	122.2				141.7			263.9	0.0	0		0	119.8	80.5			200.2	241.9		222.2			464.1	122.2		141.7	0	263.9	659.2	155.5	0	814.6	26.8	58.8		36.3	safe	safe			safe							
1381	WGKP	WGKP-4	Nagpur	0	155.9	0	155.9	0	148.1	0	148.1					7.3			7.3	0			0		32.3			32.3			39.6			39.6	0		7.3	0	7.3	0	108.4	0	108.4		26.8		26.8			safe			safe						
1382	WGKS	WGKS-1	Gadchiroli	0	2610.3	0	2610.3	0	2479.8	0	2479.8					72.3			72.3	0			0		884.6			884.6			956.8			956.8	0		72.3	0	72.3	0	1523.0	0	1523.0		38.6		38.6			safe			safe						
1383	WGKS	WGKS-2	Gadchiroli	0	2590.0	0	2590.0	0	2460.5	0	2460.5					91.3			91.3	0			0		846.0			846.0			937.2			937.2	0		91.3	0	91.3	0	1523.3	0	1523.3		38.1		38.1			safe			safe						
1384	WGKS	WGKS-3	Gadchiroli	0	895.7	0	895.7	0	850.9	0	850.9					13.9			13.9	0			0		183.9			183.9			197.8			197.8	0		13.9	0	13.9	0	653.1	0	653.1		23.2		23.2			safe			safe						
1385	WGKST	WGKST-0	Gadchiroli	0	998.7	0	998.7	0	948.7	0	948.7					11.6			11.6	0			0		118.2			118.2			129.9			129.9	0		11.6	0	11.6	0	818.9	0	818.9		13.7		13.7			safe			safe						
1386	WGKT	WGKT-0	Gadchiroli	0	479.7	0	479.7	0	455.7	0	455.7					19.1			19.1	0			0		154.6			154.6			173.7			173.7	0		19.1	0	19.1	0	282.0	0	282.0		38.1		38.1			safe			safe						
1387	WGL	WGL-0	Chandrapur	1362.0	191.3	0	1553.3	1293.9	172.2	0	1466.0	253.7				66.2			320.0	0.0	0		0	277.1	57.8			334.9	530.8		124.0			654.9	253.7		66.2	0	320.0	763.1	48.1	0	811.2	41.0	72.0		44.7	safe	semi_critical			safe							
1388	WGM	WGM-1	Nagpur	42.6	955.5	0	998.1	38.3	907.8	0	946.1	16.2				67.8			84.0	0.0	0		0	35.6	393.9			429.5	51.7		461.7			513.4	16.2		67.8	0	84.0	0	446.0	0	446.0		51.2		51.2			safe	over_exploited			safe					
1389	WGM	WGM-2	Chandrapur	0	913.2	0	913.2	0	867.6	0	867.6					164.2			164.2				0		280.0			280.0			444.2			444.2	0		164.2	0	164.2	0	423.3	0	423.3		51.2		51.2			safe			safe						
1390	WGM	WGM-2	Nagpur	265.5	1428.9	0	1694.4	238.9	1357.5	0	1596.4	45.0				154.6			199.5	0.0	0.9		0.9	64.4	810.1			874.5	109.4		965.5			1075.0	45.0		154.6	0	199.5	129.5	391.9	0	521.4	45.8	71.1		67.3	safe	semi_critical</										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)		Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
										Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC					PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total				
1403	WGS	WGS-2	Nagpur	516.9	732.7	0	1249.6	491.1	696.1	0	1187.1	180.5	240.8		421.3	0.0	0.4		0.4	125.6	276.0		401.5	306.1		517.2		823.3	180.5	240.8	0	421.3	185.0	178.9	0	363.9	62.3	74.3	69.3	safe	semi critical		safe
1404	WGS	WGS-2	Bhandara	1171.3	26.9	0	1198.2	1112.7	24.2	0	1137.0	70.4			70.4	0.3			0.3	494.3			494.3	564.9				564.9	70.4	0.0	0	70.4	547.8	24.2	0	572.0	50.8		49.7	safe			safe
1405	WGS	WGS-3	Bhandara	1295.6	9.6	0	1305.2	1230.8	8.6	0	1239.4	107.7			107.7	19.4			19.4	661.0			661.0	788.1				788.1	107.7	0.0	0	107.7	442.7	8.6	0	451.4	64.0		63.6	safe			safe
1406	WGS	WGS-3	Nagpur	2265.2	0.0	0	2265.0	2152.0	0.0	0	2152.0	106.3			106.3	0.0			0	249.4			249.4	355.7				355.7	106.3	0.0	0	106.3	1796.3	0.0	0	1796.3	16.5		16.5	safe			safe
1407	WGS	WGS-4	Bhandara	119.3	1255.3	0	1374.5	113.5	1192.6	0	1306.0	15.8	104.6		120.3	0.0	38.3		38.3	71.5	637.4		709.0	87.3		780.3		867.6	15.8	104.6	0	120.3	26.2	412.3	0	438.5	76.9	65.4	66.4	semi critical	safe		safe
1408	WGS	WGS-0	Bhandara	1022.0	1137.5	0	2159.9	970.9	1080.6	0	2051.5	39.2	85.0		124.2	0.0	0.1		0.1	414.1	656.5		1070.6	453.3		741.6		1194.9	39.2	85.0	0	124.2	517.6	339.0	0	856.6	46.6	68.6	58.2	safe	safe		safe
1409	WG	WG-1	Gondia	1043.0	717.3	0	1760.3	990.9	645.5	0	1636.6	175.6	92.4		267.9	9.4	2.2		11.6	182.3	213.0		395.3	367.2		307.6		674.8	175.6	92.4	0	267.9	623.6	338.0	0	961.6	37.1	47.6	41.2	safe	safe		safe
1410	WG	WG-2	Gondia	741.0	1610.6	0	2351.9	703.1	1530.0	0	2234.4	335.7	158.7		494.1	10.4	6.2		16.6	95.2	105.6		200.8	440.9		270.6		711.5	335.7	158.7	0	494.1	263.5	1259.5	0	1522.5	62.6	17.7	31.8	safe	safe		safe
1411	WG	WG-3	Gondia	1257.2	1424.1	0	2681.5	1131.7	1281.7	0	2413.0	113.0	31.4		144.4	2.9	0		2.9	185.2	75.2		260.4	301.1		106.6		407.7	113.0	31.4	0	144.4	830.1	1175.1	0	2005.5	26.6	8.3	16.9	safe	safe		safe
1412	WG	WG-3	Gondia	1055.8	1286.3	0	2342.2	1003.0	1222.0	0	2225.1	174.2	66.6		240.8	8.6	3.8		12.4	202.0	156.4		358.4	384.9		226.8		611.6	174.2	66.6	0	240.8	618.2	995.3	0	1613.4	38.6	18.6	27.5	safe	safe		safe
1413	WG	WG-4	Gondia	957.4	1189.4	0	2146.8	909.5	1130.0	0	2039.5	121.6	54.7		176.3	3.7	1.4		5.1	126.4	135.9		262.3	251.7		192.1		443.7	121.6	54.7	0	176.3	657.9	937.9	0	1595.8	27.7	17.0	21.8	safe	safe		safe
1414	WG	WG-5	Gondia	39.1	1796.2	0	1835.3	37.2	1706.4	0	1743.6	15.5	86.8		102.2	0.0	0.2		0.2	4.1	202.1		206.2	19.5		289.1		308.6	15.5	86.8	0	102.2	17.7	4	0	1435.5	52.9	16.9	17.7	safe	safe		safe
1415	WG	WG-6	Gondia	73.9	2000.4	0	2074.3	70.2	1900.4	0	1970.6	14.6	39.0		53.6	0.8	0		0.8	12.2	12.1		24.3	27.7		51.1		78.7	14.6	39.0	0	53.6	42.5	1849.3	0	1891.8	39.4	2.7	4.0	safe	safe		safe
1416	WG	WG-7	Gondia	193.0	1054.9	0	1247.7	173.7	1002.1	0	1175.8	61.1	22.1		83.3	2.5	0.4		2.9	57.6	85.2		142.9	121.3		107.7		229.0	61.2	22.1	0	83.3	52.3	894.4	0	946.8	69.9	10.7	19.5	safe	safe		safe
1417	WG	WG-0	Gondia	449.7	843.7	0	1293.4	427.2	759.4	0	1186.6	92.4	64.8		157.2	3.5	1.1		4.6	137.4	88.3		225.8	233.4		154.2		387.6	92.4	64.8	0	157.2	193.9	605.1	0	799.0	54.6	20.3	32.7	safe	safe		safe
1418	WG	WGWP-1	Gondia	2043.2	1258.3	0	3301.5	1941.0	1195.4	0	3136.4	441.7	134.6		576.3	11.6	3.8		15.4	323.3	114.8		438.1	776.5		253.3		1029.8	441.7	134.6	0	576.3	1164.5	942.1	0	2106.6	40.2	21.2	32.8	safe	safe		safe
1419	WG	WGWP-2	Gondia	570.1	1747.8	0	2317.9	541.6	1660.4	0	2202.0	169.6	224.4		394.1	4.6	125.6		130.2	54.0	697.0		751.0	228.0		1047.0		1275.2	169.6	224.4	0	394.1	313.4	613.5	0	926.8	42.1	63.1	57.9	safe	safe		safe
1420	WG	WGWP-3	Gondia	0	2106.4	0	2106.4	0	2001.1	0	2001.1	312.3	312.3		312.3		9.8		9.8		631.4		631.4			953.5		953.5	0	312.3	0	312.3	0	1047.6	47.6	47.6	47.6	safe			safe		
1421	WG	WGWS-0	Gondia	73.6	1243.2	0	1316.7	66.2	1181.0	0	1247.2	20.9	109.3		130.3	0.3	5.1		5.4	16.7	328.6		345.3	38.0		443.0		481.0	20.9	109.3	0	130.3	28.2	738.0	0	766.2	57.3	37.5	38.6	safe	safe		safe
1422	WR	WR-1	Amravati	256.6	2733.9	0	2990.5	243.5	2460.5	0	2704.3	41.9	96.8		138.7	0.0	0		0	193.0	237.6		2563.6	234.9		2467.3		2702.3	41.9	96.8	0	138.7	8.9	0.0	0	8.9	96.4	10.3	99.9	critical	over_explotted		critical
1423	WR	WR-1	Yavatmal	0	350.3	0	350.3	0	332.8	0	332.8		54.1		54.1		0		0		87.1		87.1			141.2		141.2	0	54.1	0	54.1	0	191.6		42.4	42.4	safe			safe		
1424	WR	WR-16	Chandrapur	418.5	2174.6	0	2593.0	397.8	2065.0	0	2463.4	85.8			606.3	0.0	0.6		0.6	41.9	257.0		298.9	127.6		778.2		905.8	85.8	606.3	0	606.3	269.9	1287.7	0	1557.6	32.7	37.7	36.8	safe	safe		safe
1425	WR	WR-17	Chandrapur	230.8	3588.0	0	3818.3	219.3	3408.0	0	3627.9	47.3			426.6	0.0	1.3		1.3	17.9	250.2		268.1	65.2		678.0		743.2	47.3	426.6	0	473.9	154.0	2730.6	0	2884.8	29.8	19.9	20.5	safe	safe		safe
1426	WR	WR-18	Chandrapur	1.1	2648.0	0	2649.0	1.0	2515.6	0	2516.5				388.1		0		0		181.3		181.3			569.4		569.4	0	388.1	1.0	1946.2	0	1947.1		22.6	22.6	safe			safe		
1427	WR	WR-19	Chandrapur	0	2189.1	0	2189.1	0	2079.6	0	2079.6	267.1	267.1		267.1		0.1		0.1		198.7		198.7			466.0		466.0	0	267.1	0	267.1	0	1613.7		22.4	22.4	safe			safe		
1428	WR	WR-2	Amravati	1140.8	6733.5	0	7874.3	1083.7	6060.2	0	7143.9	102.8	110.7		213.5	0.0	0		0	2114.1	6928.7		9042.8	2216.9		7039.4		9256.3	102.8	110.7	0	213.5	0	0.0	0	0.0	20.4	11.6	12.9	over_explotted	over_explotted		over_explotted
1429	WR	WR-2	Yavatmal	173.2	1793.5	0	1966.9	155.9	1703.8	0	1859.7	26.9			172.1	0.0	0		0	104.9	695.1		800.0	131.8		840.3		972.1	26.9	145.2	0	172.1	24.1	863.5	0	887.6	84.5	49.3	52.3	semi critical	safe		safe
1430	WR	WR-20	Chandrapur	0	3278.1	0	3278.1	3114.2	0	3114.0		170.8			170.8		0		0		89.0		89.0			259.8		259.8	0	170.8	0	170.8	0	2854.4		8.3	8.3	safe			safe		
1																																											

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit			
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total
1441	WR	WR-3	Amravati	206.6	3587.7	0	3794.0	186.0	3408.3	0	3594.3	28.5	99.1		127.6	0.0	0		0	56.9	2853.9		2910.8	85.4	2953.0		3038.4	28.5	99.1	0	127.6	100.6	455.4	0	555.9	45.9	86.6		84.5	safe	semi_critical		semi_critical
1442	WR	WR-4	Yawatmal	530.5	2367.9	0	2898.0	504.0	2131.1	0	2635.1	33.6	162.4		196.0	7.5	0	7.5		318.2	495.9		814.1	359.3	658.3		1017.6	33.6	162.4	0	196.0	144.7	1472.8	0	1617.5	71.3	30.9		38.6	semi_critical	safe		safe
1443	WR	WR-4	Amravati	1576.6	1116.2	0	2692.8	1497.8	1004.6	0	2502.4	24.1	13.6		37.7	0.0	0	0		648.5	1160.5		1808.9	672.5	1174.1		1846.6	24.1	13.7	0	37.7	825.3	0.0	0	825.3	44.9	11.6		73.8	safe	over_exploited		semi_critical
1444	WR	WR-5	Amravati	3038.8	3080.3	0	6119.1	2886.9	2926.2	0	5813.1	89.6	60.9		150.5	0.0	0	0		1666.9	2018.0		3684.9	1756.5	2078.9		3835.4	89.6	60.9	0	150.5	1130.3	847.3	0	1977.7	60.8	71.9		66.0	safe	semi_critical		safe
1445	WR	WR-5	Yawatmal	380.2	2075.6	0	2455.2	361.2	1971.8	0	2333.0	41.6	155.0		196.7	0.2	0	0.2		62.9	635.5		698.4	104.7	790.5		895.2	41.6	155.0	0	196.7	256.5	1181.3	0	1437.8	29.0	40.1		38.4	safe	safe		safe
1446	WR	WR-6	Yawatmal	609.6	1043.7	0	1653.2	548.6	991.5	0	1540.1	0.0	134.0		134.0	0.7	0	0.7		136.9	224.1		361.0	137.6	358.1		495.7	0	134.0	0	134.0	411.0	633.4	0	1044.4	25.1	36.1		32.2	safe	safe		safe
1447	WR	WR-6	Amravati	1074.9	3480.4	0	4555.3	1021.2	3306.3	0	4327.5	71.8	70.9		142.7	0.0	0	0		261.9	2192.1		2454.0	333.7	2263.0		2596.7	71.8	70.9	0	142.7	687.5	1043.4	0	1730.9	32.7	68.4		60.0	safe	safe		safe
1448	WR	WR-7	Yawatmal	64.7	1400.0	0	1464.7	58.3	1330.0	0	1388.2	12.0	21.8		33.8	0.1	0.5	0.6		47.5	477.8		525.2	59.6	500.1		559.6	12.0	21.8	0	33.8	0	829.9	0	829.9	10.2	37.6		40.3	over_exploited	safe		safe
1449	WR	WR-7	Amravati	9.2	1853.2	0	1862.4	8.3	1667.9	0	1676.2		212.2		212.2		0	0			935.0		935.0		1147.1		1147.1	0	212.2	0	212.2	8.3	520.8	0	529.1		68.8		68.4		safe		safe
1450	WR	WR-8	Yawatmal	0	1135.1	0	1135.1	0	1078.4	0	1078.4		33.7		33.7		1.3	1.3			108.6		108.6		143.6		143.6	0	33.7	0	33.7	0	934.8	0	934.8		13.3		13.3		safe		safe
1451	WR	WR-8	Amravati	0	1953.7	0	1953.7	0	1856.1	0	1856.1		131.0		131.0		0	0			1128.8		1128.8		1259.8		1259.8	0	131.0	0	131.0	0	596.2	0	596.2		67.9		67.9		safe		safe
1452	WR	WR-9	Amravati	381.8	139.2	0	521.0	362.7	125.3	0	488.0	6.4	25.7		32.1	0.0	0	0		60.1	80.3		140.5	66.6	106.0		172.6	6.4	25.7	0	32.1	296.1	19.3	0	315.4	18.4	84.6		35.4	safe	semi_critical		safe
1453	WRB	WRB-1	Amravati	4.7	1915.3	0	1920.1	4.3	1819.6	0	1823.8		148.1		148.1		0	0			1305.9		1305.9		1454.0		1454.0	0	148.1	0	148.1	4.3	365.6	0	369.8		79.1		79.7		semi_critical		semi_critical
1454	WRB	WRB-1	Yawatmal	135.9	1754.0	0	1890.0	129.1	1666.3	0	1795.5	15.5	177.1		192.6	0.0	0.3	0.3		31.7	366.5		398.2	47.2	544.0		591.2	15.5	177.1	0	192.6	81.9	1122.4	0	1204.2	36.6	32.6		32.9	safe	safe		safe
1455	WRB	WRB-10	Amravati	6.4	1545.6	0	1552.0	5.7	1391.1	0	1396.8		118.6		118.6		0	0			816.5		816.5		935.1		935.1	0	118.6	0	118.6	5.7	455.9	0	461.7		67.2		66.9		safe		safe
1456	WRB	WRB-11	Amravati	0	1206.6	0	1206.6	0	1146.3	0	1146.3		41.1		41.1		0	0			744.6		744.6		785.7		785.7	0	41.1	0	41.1	0	360.6	0	360.6		68.5		68.5		safe		safe
1457	WRB	WRB-17	Amravati	0	104.8	0	104.8	0	99.5	0	99.5		10.5		10.5		0	0			46.3		46.3		56.7		56.7	0	10.5	0	10.5	0	42.8	0	42.8		57.0		57.0		safe		safe
1458	WRB	WRB-2	Washim	263.6	1039.1	0	1302.7	250.4	987.2	0	1237.6	2.5	35.4		37.9	0.0	0.2	0.2		86.3	626.4		712.7	88.8	662.0		750.8	2.5	35.4	0	37.9	161.6	325.1	0	486.8	35.5	67.1		60.7	safe	safe		safe
1459	WRB	WRB-2	Yawatmal	0	341.5	0	341.5	0	324.4	0	324.4		32.5		32.5		0	0			244.9		244.9		277.4		277.4	0	32.5	0	32.5	0	47.0	0	47.0		85.5		85.5		semi_critical		semi_critical
1460	WRB	WRB-2	Amravati	0	376.1	0	376.1	0	357.3	0	357.3		57.9		57.9		0	0			499.3		499.3		557.2		557.2	0	57.9	0	57.9	0	0.0	0	0.0		15.9		15.9		over_exploited		over_exploited
1461	WRB	WRB-3	Washim	294.3	2875.8	0	3170.6	2732.0	0	3011.6	15.8	183.3		199.1	0.0	0.5	0.5		71.1	1700.4		1771.5	86.8	1884.2		1971.0	15.8	183.3	0	199.1	192.8	847.8	0	1040.6	31.1	69.0		65.4	safe	safe		safe	
1462	WRB	WRB-3	Yawatmal	0	825.3	0	825.3	0	784.1	0	784.1		30.1		30.1		0	0			517.0		517.0		547.1		547.1	0	30.1	0	30.1	0	237.0	0	237.0		69.8		69.8		safe		safe
1463	WRB	WRB-4	Amravati	1.4	1598.6	0	1600.0	1.3	1518.7	0	1520.0		0.0		0.0		0	0			1029.6		1029.6		1029.6		1029.6	0	0.0	0	0.0	1.3	489.1	0	490.4		67.8		67.7		safe		safe
1464	WRB	WRB-4	Washim	0	402.1	0	402.1	0	382.0	0	382.0		6.1		6.1		0	0			191.3		191.3		197.4		197.4	0	6.1	0	6.1	0	184.6	0	184.6		51.7		51.7		safe		safe
1465	WRB	WRB-4	Yawatmal	1.1	2092.5	0	2093.6	1.0	1987.9	0	1988.9		119.1		119.1		0	0			583.1		583.1		702.3		702.3	0	119.1	0	119.1	1.0	1285.6	0	1286.7		35.3		35.3		safe		safe
1466	WRB	WRB-5	Yawatmal	304.7	2267.3	0	2571.9	274.2	2153.9	0	2428.1	120.2	354.2		474.4	1.0	0	1.0		131.6	502.3		633.9	252.8	856.5		1109.3	120.2	354.2	0	474.4	21.4	1297.4	0	1318.8	92.2	39.8		45.7	critical	safe		safe
1467	WRB	WRB-5	Amravati	260.2	616.8	0	877.0	247.2	586.0	0	833.1	25.5	27.6		53.2	0.0	0	0		142.5	384.7		527.2	168.0	412.3		580.4	25.5	27.6	0	53.2	79.2	173.6	0	252.8	68.0	70.4		69.7	safe	semi_critical		safe
1468	WRB	WRB-5	Washim	0	566.5	0	566.5	0	538.2	0	538.2		12.6		12.6		0	0			350.9		350.9		363.6		363.6	0	12.6	0	12.6	0	174.7	0	174.7		67.5		67.5		safe		safe
1469	WRB	WRB-6	Amravati	0	266.3	0	266.3	0	252.9	0	252.9		37.5		37.5		0	0			109.9		109.9		147.4		147.4	0	37.5	0	37.5	0	105.										

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit						
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																			
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total			
1479	WRE	WRE-4	Chandrapur	0	338.8	0	338.8	0	321.9	0	321.9		67.9		67.9		0		0		76.2		76.2			144.1		144.1	0	67.9	0	67.9	0	177.8	0	177.8		44.8		44.8		safe		safe		
1480	WREC	WREC-1	Chandrapur	657.3	2222.6	0	2879.9	624.4	2111.5	0	2735.9	126.1	227.8		354.0	0.0	0.6		0.6	106.5	177.6		284.1	232.6		406.1		638.7	126.1	227.8	0	354.8	391.4	1705.4	0	2097.2	37.3	19.2		23.3		safe	safe		safe	
1481	WREC	WREC-2	Chandrapur	497.7	2220.0	0	2717.6	472.8	2109.0	0	2581.7	64.6	318.9		383.4	0.0	0		0	96.5	420.0		516.4	161.1		738.8		899.9	64.6	318.9	0	383.4	311.7	1370.1	0	1681.8	34.1	35.0		34.9		safe	safe		safe	
1482	WREK	WREK-0	Chandrapur	0	744.3	0	744.3	0	707.1	0	707.1		209.9		209.9	0.1		0.1			155.9		155.9			365.9		365.9	0	209.9	0	209.9	0	341.1	0	341.1		51.8		51.8		safe		safe		
1483	WRH	WRH-0	Chandrapur	0	5216.8	0	5216.8	0	4956.0	0	4956.0		467.0		467.0	1.2		1.2			474.6		474.6			942.8		942.8	0	467.0	0	467.0	0	4013.3	0	4013.3		19.0		19.0		safe		safe		
1484	WRJ	WRJ-1	Wardha	54.0	3523.7	0	3577.7	48.6	3347.5	0	3396.1		112.2		112.2	0.9		0.9			1773.9		1773.9			1887.0		1887.0	0	112.3	0	112.3	48.6	1460.5	0	1509.1		56.4		55.6		safe		safe		
1485	WRJ	WRJ-1	Nagpur	0	3126.8	0	3126.8	0	2970.4	0	2970.4		292.9		292.9	0		0			1481.3		1481.3			1774.2		1774.2	0	292.9	0	292.9	0	1196.2	0	1196.2		59.7		59.7		safe		safe		
1486	WRJ	WRJ-2	Nagpur	478.1	1918.5	0	2396.5	454.2	1822.6	0	2276.7	56.9	199.0		256.0	0.0	0		0	322.0	1066.6		1388.6	378.9		1265.6		1644.6	56.9	199.0	0	256.0	75.2	556.9	0	632.2	83.4	69.4		72.2	semi_critical		safe	semi_critical		safe
1487	WRJ	WRJ-3	Nagpur	735.5	1325.0	0	2060.4	661.9	1258.7	0	1920.6	20.6	108.3		128.9	0.0	0		0	210.8	878.3		1089.1	231.4		986.7		1218.1	20.6	108.3	0	128.9	430.5	272.1	0	702.6	35.0	78.4		63.4	safe	semi_critical		safe		
1488	WRJ	WRJ-4	Wardha	0	545.2	0	545.2	0	518.0	0	518.0		14.0		14.0	0		0			363.6		363.6			377.6		377.6	0	14.0	0	14.0	0	140.3	0	140.3		72.9		72.9		semi_critical		semi_critical		safe
1489	WRJ	WRJ-4	Nagpur	1248.3	4439.6	0	5687.8	1123.4	4217.6	0	5341.0	80.5	423.5		504.0	0.0	2.3		2.3	510.5	2828.7		3339.2	591.0		3254.5		80.5	423.5	0	504.0	532.4	963.1	0	1495.6	52.6	77.2		72.0	safe	semi_critical		semi_critical			
1490	WRK	WRK	Nagpur	0	1686.5	0	1686.5	0	1602.2	0	1602.2		97.9		97.9	0		0			802.4		802.4			900.3		900.3	0	97.9	0	97.9	0	701.9	0	701.9		56.2		56.2		safe		safe		
1491	WRK	WRK-1	Wardha	794.5	2979.0	0	3774.1	754.7	2830.6	0	3585.4	24.5	127.2		151.6	0.0	6.5		6.5	307.3	1968.2		2275.5	331.8		2101.8		2433.6	24.5	127.2	0	151.6	422.9	728.8	0	1151.7	44.0	74.3		67.9	safe	semi_critical		safe		
1492	WRK	WRK-2	Wardha	180.9	1800.6	0	1981.8	162.7	1710.7	0	1873.5	5.0	59.2		64.3	0.0	1.3		1.3	137.9	1057.7		1195.6	142.3		1118.3		1261.2	5.0	59.3	0	64.3	19.9	592.4	0	612.3	87.8	65.4		67.3	semi_critical	safe		safe		
1493	WRN	WRN-1	Yavatmal	2.1	2527.6	0	2529.6	1.9	2401.1	0	2403.0		34.9		34.9		1.1		1.1		534.7		534.7			570.7		570.7	0	34.9	0	34.9	1.9	1830.4	0	1832.3		23.8		23.8		safe		safe		
1494	WRN	WRN-2	Yavatmal	499.6	2499.6	0	2999.2	474.6	2374.6	0	2849.2	39.9	136.8		176.6	0.0	0.7		0.7	71.6	912.5		984.1	111.4		1050.0		1161.4	39.9	136.8	0	176.6	363.2	1324.7	0	1687.8	23.5	44.2		40.8	safe	safe		safe		
1495	WRS	WRS-0	Chandrapur	0	4728.2	0	4728.2	0	4491.8	0	4491.8		508.1		508.1	0.1		0.1			484.7		484.7			992.9		992.9	0	508.1	0	508.1	0	3498.9	0	3498.9		22.1		22.1		safe		safe		
1496	WRV	WRV-1	Wardha	2439.1	827.9	0	3267.0	2317.1	786.5	0	3103.6	109.1	70.7		179.8	3.9	2.8		6.6	983.1	484.1		1467.2	1096.1		557.6		1653.7	109.1	70.7	0	179.8	1221.0	228.9	0	1449.9	47.3	70.9		53.3	safe	semi_critical		safe		
1497	WRV	WRV-2	Wardha	622.8	139.5	0	762.3	591.7	132.5	0	724.2	26.1	17.6		43.7	0.1	0		0.1	280.3	97.9		378.2	306.6		115.5		422.1	26.1	17.6	0	43.7	285.1	17.0	0	302.1	51.2	87.2		58.3	safe	semi_critical		safe		
1498	WRV	WRV-3	Wardha	176.8	2573.9	0	2750.7	167.9	2445.0	0	2613.2	14.9	148.1		163.0	0.0	2.8		2.8	296.6	798.1		1094.7	311.5		949.0		1260.5	14.9	148.1	0	163.0	0	1496.3	0	1496.3	18.5	38.8		48.2	over_exploited	safe		safe		
1499	WRW	WRW-1	Chandrapur	0	590.7	0	590.7	0	561.2	0	561.2		153.7		153.7	0		0			217.1		217.1			370.8		370.8	0	153.7	0	153.7	0	190.3	0	190.3		66.1		66.1		safe		safe		
1500	WRW	WRW-1	Wardha	5.2	1218.5	0	1223.7	4.7	1157.6	0	1162.3		63.6		63.6	0.3		0.3			604.1		604.1			668.0		668.0	0	63.6	0	63.6	4.7	489.6	0	494.3		57.7		57.5		safe		safe		
1501	WRW	WRW-2	Wardha	0	3886.9	0	3886.9	0	3692.6	0	3692.6		179.1		179.1	2.5		2.5			1976.5		1976.5			2158.0		2158.0	0	179.1	0	179.1	0	1534.6	0	1534.6		58.4		58.4		safe		safe		
1502	WRW	WRW-3	Wardha	1686.8	3.0	0	1689.8	1602.5	2.7	0	1605.2	41.6			41.6	0.0		0		558.0			558.0	599.6				599.6	41.6	0.0	0	41.6	1002.9	2.7	0	1005.6	37.4	56.4		37.4	safe		safe			
1503	WRW	WRW-4	Nagpur	152.9	837.9	0	990.8	145.2	796.0	0	941.2	33.1	90.2		123.3	0.0	0		0	54.6	359.1		413.6	87.7		449.2		536.9	33.1	90.2	0	123.3	57.5	346.8	0	404.3	60.4	56.4		57.0	safe	safe		safe		
1504	WRW	WRW-4	Wardha	2124.3	164.3	0	2288.6	2018.0	156.1	0	2174.1	80.1	5.5		85.5	2.3	0		2.3	1002.9	111.0		1113.9	1085.3		116.5		1201.8	80.1	5.5	0	85.5	932.8	39.6	0	972.4	53.8	74.6		55.3	safe	semi_critical		safe		
1505	WRW	WRW-5	Nagpur	287.4	2928.4	0	3215.7	273.0	2782.0	0	3055.0	64.7	281.2		345.9	0.8	7.3		8.1	82.9	1584.1		1666.9	148.6		1872.6		2021.0	64.7	281.2	0	345.9	124.6	909.3	0	1034.0	54.3	67.3		66.2	safe	safe		safe		
1506	WRW	WRW-5	Wardha	2040.1	732.0	0	2772.0	1938.1	695.4	0	2633.4	55.2	33.0		88.2	0.0	2.7		2.7	507.3	451.1		958.4	562.5		486.8		1049.3	<																	

Dynamic Ground Water Resources of Maharashtra 2024

S. No	BAS IN	WATER SHED	Water shed / District	Annual Ground water Recharge (ham)				Annual Extractable Ground water Resource (ham)				Ground Water Extraction for all uses (ha.m)																Allocation of Ground Water Resource for Domestic Utilisation for projected year 2025 (ham)				Net Annual Ground Water Availability for Future Use (ham)				Stage of Ground Water Extraction (%)				Categorization of Assessment Unit					
												Domestic				Industrial				Irrigation				C	NC	PQ	Total																		
				C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total					C	NC	PQ	Total	C	NC	PQ	Total	C	NC	PQ	Total						
1517	WRWB-D	WRWB-D-1	Wardha	1752.1	953.3	0	2705.4	1664.5	905.6	0	2570.1	71.7	75.6		147.3	7.1	2.7		9.8	755.7	605.5		1361.1	834.5			683.8		1518.2	71.7	75.6	0	147.3	830.0	221.9	0	1051.9	50.1	75.5	59.1	59.1	safe	semi_critical		safe
1518	WRWB-D	WRWB-D-2	Wardha	1856.4	3198.4	0	5054.8	1670.8	3038.5	0	4709.3	50.3	143.4		193.7	4.0	0		4.0	941.2	1224.4		2165.6	995.5	1367.8		2363.3	50.3	143.4	0	193.7	675.3	1670.7	0	2346.0	59.6	45.0		50.2	50.2	safe	safe		safe	
1519	WRWB-D	WRWB-D-3	Wardha	2.6	1752.7	0	1755.3	2.3	1665.1	0	1667.4		70.3		70.3		0		0		772.3		772.3		842.7		842.7	0	70.3	0	70.3	2.3	822.4	0	824.7		50.6	50.5		50.5		safe		safe	
1520	WRWB-D	WRWB-D-4	Wardha	435.3	1514.4	0	1949.7	413.6	1438.7	0	1852.2	6.8	59.7		66.5	0.0	0		0	121.3	584.7		706.1	128.1	644.4		772.5	6.8	59.7	0	66.5	285.4	794.3	0	1079.7	31.0	44.8		41.7	41.7	safe	safe		safe	
1521	WRWB-D	WRWB-D-5	Wardha	310.6	1023.1	0	1333.7	295.0	972.0	0	1267.0	16.7	27.7		44.5	0.0	0		0	147.7	512.0		659.8	164.5	539.8		704.2	16.7	27.7	0	44.5	130.5	432.2	0	562.7	55.8	55.5		55.6	55.6	safe	safe		safe	
1522	WRWB-D	WRWB-D-6	Wardha	1830.1	449.0	0	2279.1	1738.6	426.5	0	2165.2	63.6	32.7		96.4	0.2	0		0.2	943.2	211.6		1154.7	1007.0	244.3		1251.3	63.6	32.7	0	96.4	731.7	182.2	0	913.9	57.9	57.3		57.8	57.8	safe	safe		safe	
1523	WRWB-D	WRWB-D-7	Wardha	167.0	609.0	0	776.0	158.7	578.6	0	737.2	3.7	22.2		25.9	0.0	0		0	45.9	325.4		371.3	49.6	347.6		397.2	3.7	22.2	0	25.9	109.1	231.0	0	340.1	31.3	60.1		53.9	53.9	safe	safe		safe	
1524	WRWN	WRWN-1	Nagpur	0	2421.2	0	2421.2	0	2300.2	0	2300.2		88.0		88.0		0		0		209.6		209.6		297.6		297.6	0	88.0	0	88.0	0	2002.6	0	2002.6		12.9	12.9		12.9		safe		safe	
1525	WRWN	WRWN-2	Nagpur	294.2	1451.7	0	1745.8	279.5	1306.5	0	1585.9	67.8	31.5		99.3	0.0	0		0	123.9	324.1		448.1	191.7	355.6		547.3	67.8	31.5	0	99.3	87.7	950.9	0	1038.6	68.6	27.2		34.5	34.5	safe	safe		safe	
1526	WRWN	WRWN-3	Nagpur	0	589.5	0	589.5	0	560.0	0	560.0		43.0		43.0		0		0		134.4		134.4		177.4		177.4	0	43.0	0	43.0	0	382.6	0	382.6		31.7	31.7		31.7		safe		safe	
1527	WRWN	WRWN-4	Wardha	978.5	882.8	0	1861.3	929.5	838.7	0	1768.2	27.3	20.6		47.8	0.0	0		0	328.6	258.2		586.9	355.9	278.8		634.7	27.3	20.6	0	47.9	573.6	559.9	0	1133.5	38.3	33.2		35.9	35.9	safe	safe		safe	
1528	WRWP	WRWP-1	Wardha	921.2	4340.0	0	5261.1	875.0	4123.0	0	4998.1	18.5	108.4		126.8	0.0	4.8		4.8	281.0	1640.5		1921.5	299.5	1753.6		2053.1	18.5	108.4	0	126.8	575.6	2369.4	0	2945.0	34.2	42.5		41.1	41.1	safe	safe		safe	
1529	WRWP	WRWP-2	Chandrapur	397.7	647.7	0	1045.4	377.8	615.4	0	993.2	124.6	99.3		223.9	0.1	0		0.1	112.9	183.1		296.0	237.6	282.4		520.0	124.6	99.3	0	223.9	140.2	333.0	0	473.2	62.9	45.9		52.4	52.4	safe	safe		safe	
1530	WRWP	WRWP-3	Wardha	965.0	645.3	0	1610.3	916.7	613.1	0	1529.8	9.8	9.2		19.0	0.2	0.2		0.4	181.3	218.0		399.3	191.3	227.4		418.7	9.8	9.2	0	19.0	725.4	385.7	0	1111.1	20.9	37.1		27.4	27.4	safe	safe		safe	
1531	WRWPL	WRWP-L-0	Chandrapur	171.2	778.3	0	949.5	162.6	739.4	0	902.0	60.8	159.1		219.9	0.0	0		0	32.9	188.2		221.1	93.7	347.3		441.0	60.8	159.1	0	219.9	68.9	392.1	0	461.0	57.6	47.0		48.9	48.9	safe	safe		safe	
1532	WRWPL	WRWP-L-1	Wardha	98.3	1920.0	0	2018.3	88.4	1824.0	0	1912.5		29.7		29.7		0.3		0.3		996.7		996.7		1026.7		1026.7	0	29.7	0	29.7	88.4	797.4	0	885.8		56.3	53.7		53.7		safe		safe	
1533	WRY	WRY-1	Wardha	1534.4	1798.4	0	3332.8	1457.7	1708.5	0	3166.2	24.2	71.5		95.7	2.3	0.1		2.5	624.5	823.8		1448.3	651.1	895.4		1546.5	24.2	71.5	0	95.7	806.6	813.1	0	1619.8	44.7	52.4		48.8	48.8	safe	safe		safe	
1534	WRY	WRY-2	Wardha	1661.2	2123.8	0	3785.1	1578.2	2017.6	0	3595.8	79.8	121.2		201.0	2.9	2.7		5.6	617.9	1232.6		1850.5	700.6	1356.5		2057.1	79.8	121.2	0	201.0	877.6	661.1	0	1538.7	44.4	67.2		57.2	57.2	safe	safe		safe	
1535	WRY	WRY-3	Wardha	0	1036.0	0	1036.0	0	984.2	0	984.2		18.7		18.7		0		0		431.3		431.3		450.0		450.0	0	18.7	0	18.7	0	534.2	0	534.2		45.7	45.7		45.7		safe		safe	
1536	WRY	WRY-4	Wardha	0	2661.8	0	2661.8	0	2528.7	0	2528.7		84.4		84.4		1.5		1.5		1210.6		1210.6		1296.6		1296.6	0	84.5	0	84.5	0	1232.1	0	1232.1		51.3	51.3		51.3		safe		safe	
1537	WRY	WRY-5	Wardha	0	993.5	0	993.5	0	943.8	0	943.8		36.6		36.6		0		0		479.2		479.2		515.8	0	36.6	0	36.6	0	428.0	0	428.0		54.7	54.7		54.7		safe		safe			
1538	WRY	WRY-6	Wardha	1736.7	678.6	0	2415.3	1649.9	644.7	0	2294.6	10.6	69.5		80.1	0.0	0		0	796.6	254.7		1051.3	807.3	324.2		1131.4	10.6	69.5	0	80.1	842.6	320.5	0	1163.1	48.9	50.3		49.3	49.3	safe	safe		safe	
Total				924649.1	2394146.7	19147	3337943.1	864480.2	2264080.3	17645.5	3146206.0	34866.6	104707.7	539.3	140113.6	760.6	2240.7	0	3001.3	383700.6	1126900.3	5269.5	1515870.3	419327.9	1233848.7	5808.8	1658985.4	36002.9	107899.6	539.3	143902.4	459459.2	1060581.6	13485.7	1520040.8	48.5	54.5	32.9	52.8						

PLATE I: ADMINISTRATIVE MAP OF MAHARASHTRA

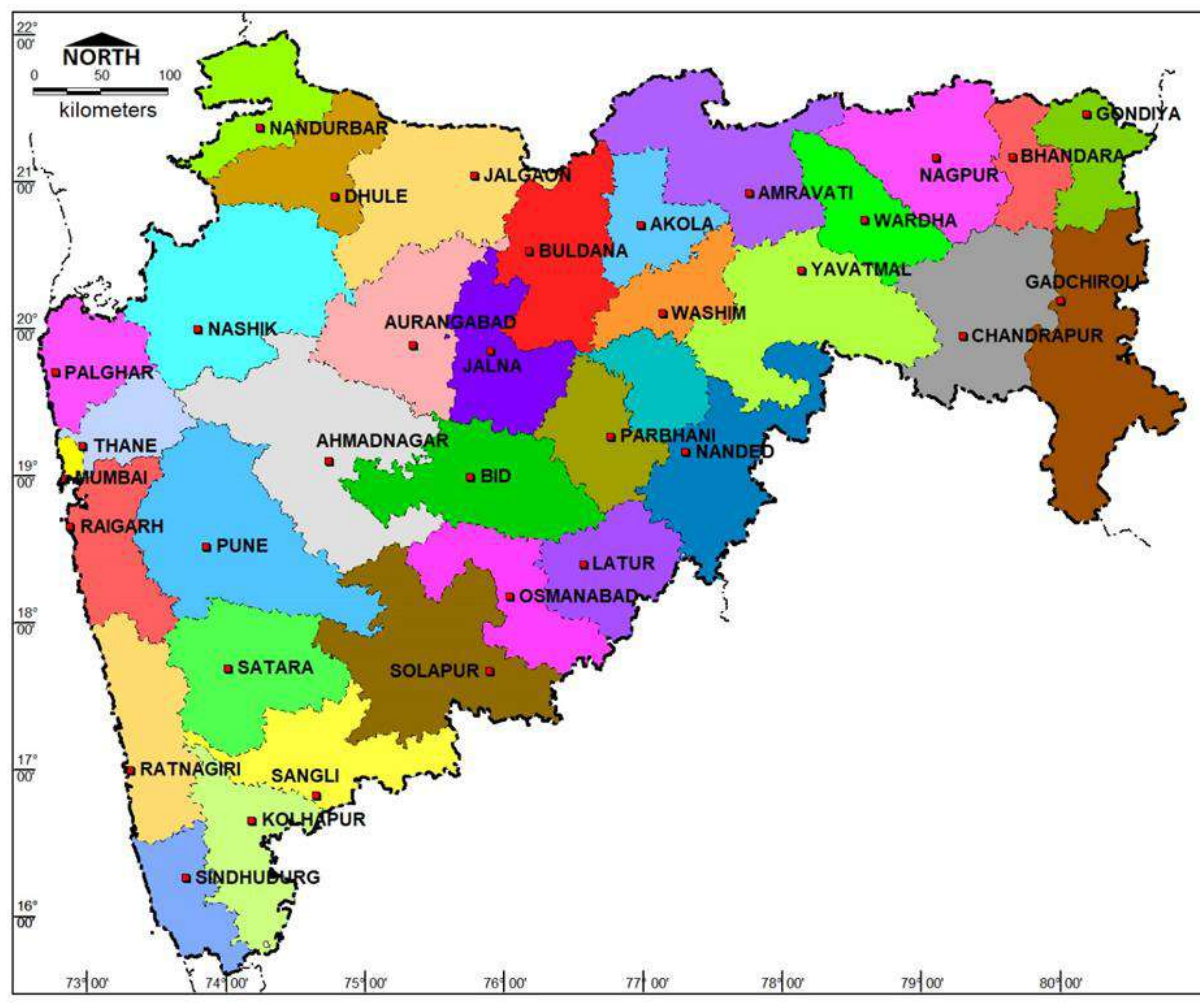


PLATE II: RIVER BASINS OF MAHARASHTRA

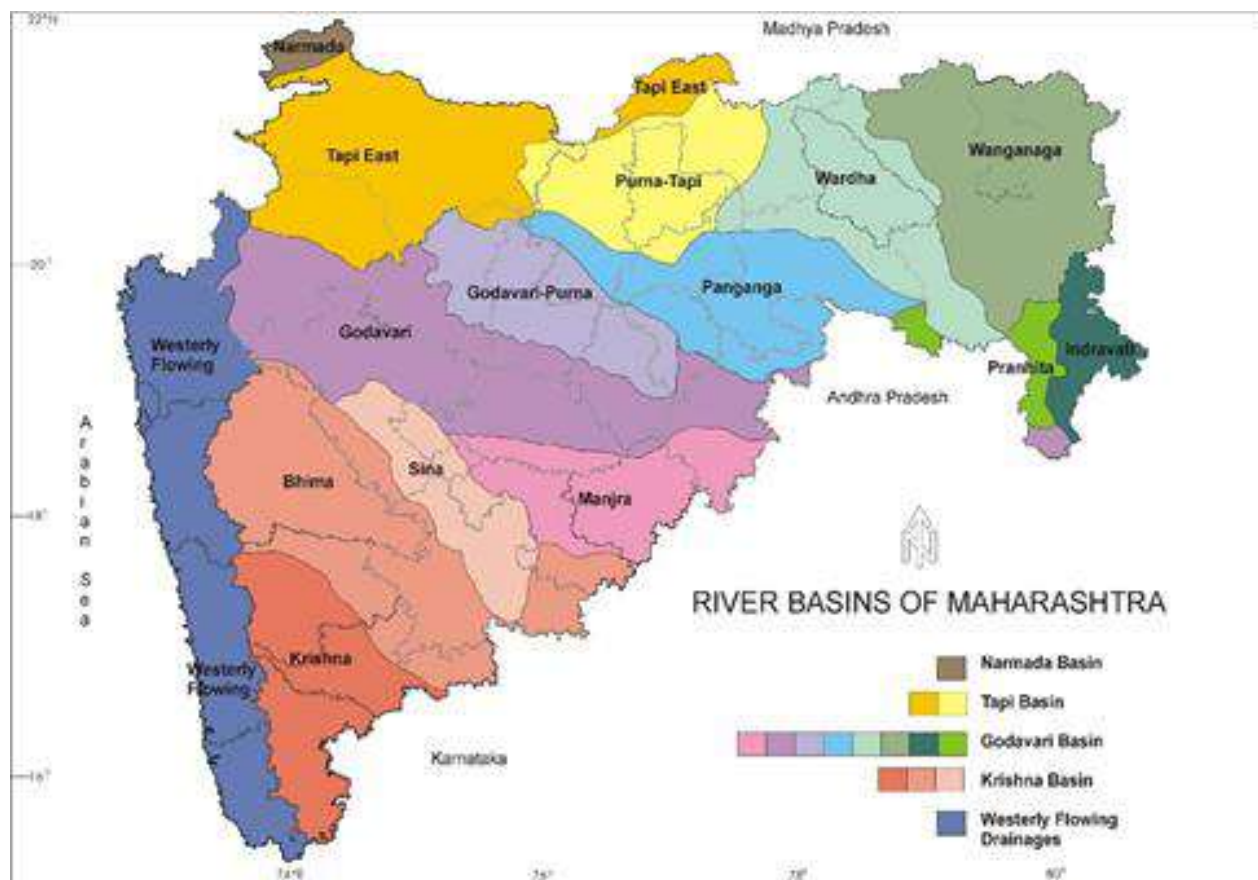


PLATE III: RAINFALL DISTRIBUTION IN MAHARASHTRA

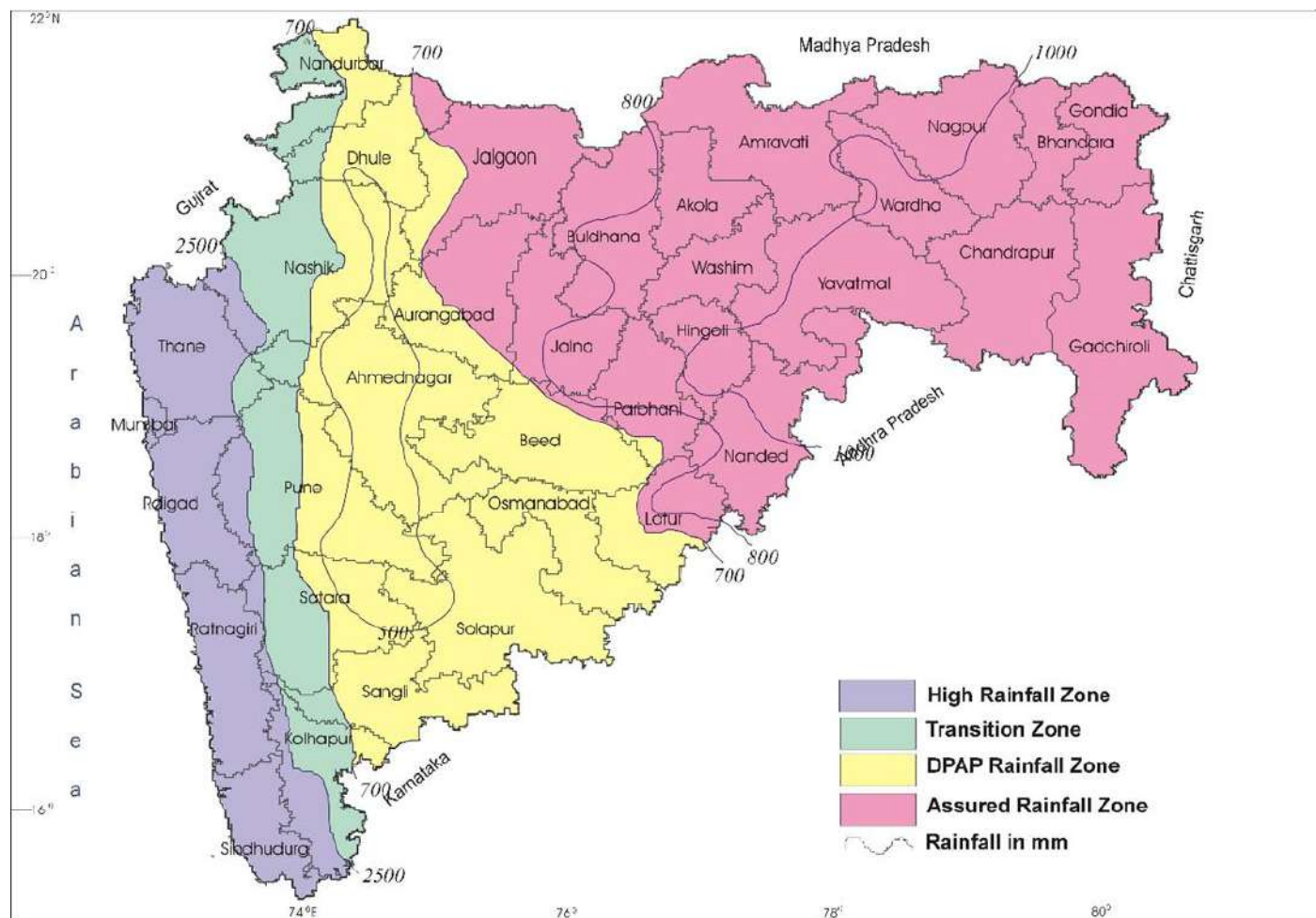


PLATE IV: GEOLOGY OF MAHARASHTRA

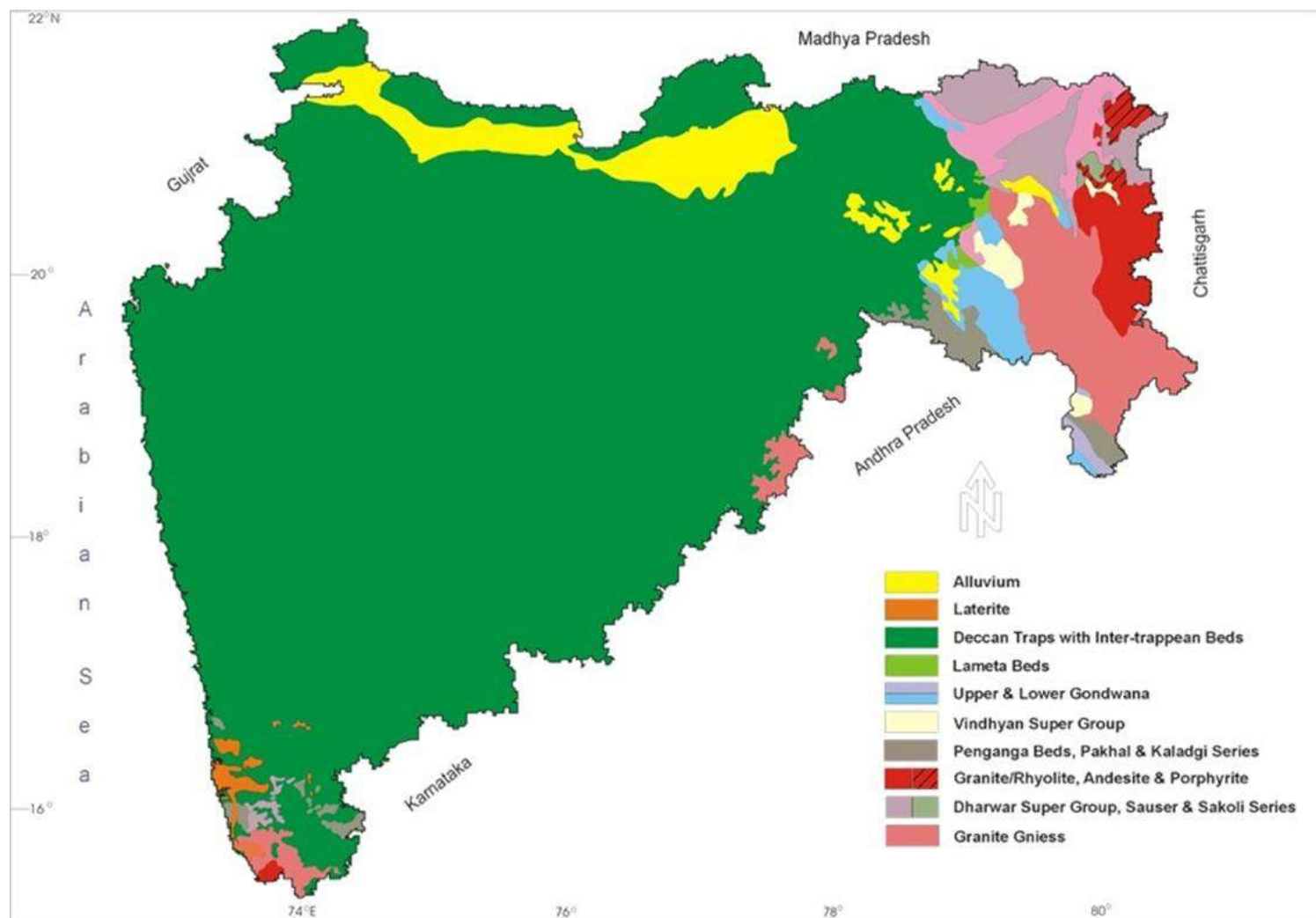


PLATE V: TALUKA WISE CATEGORIZATION OF MAHARASHTRA STATE, 2024

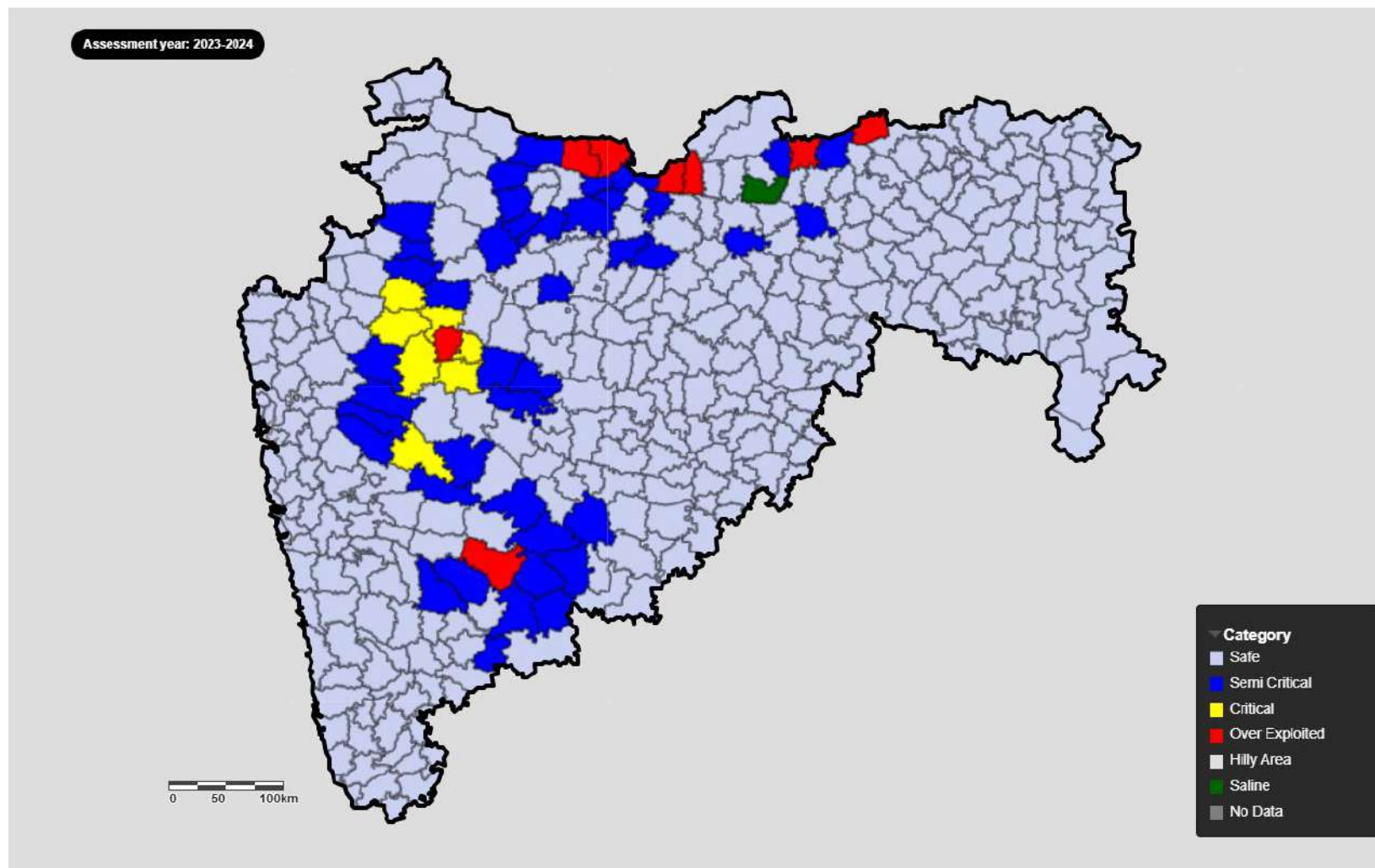
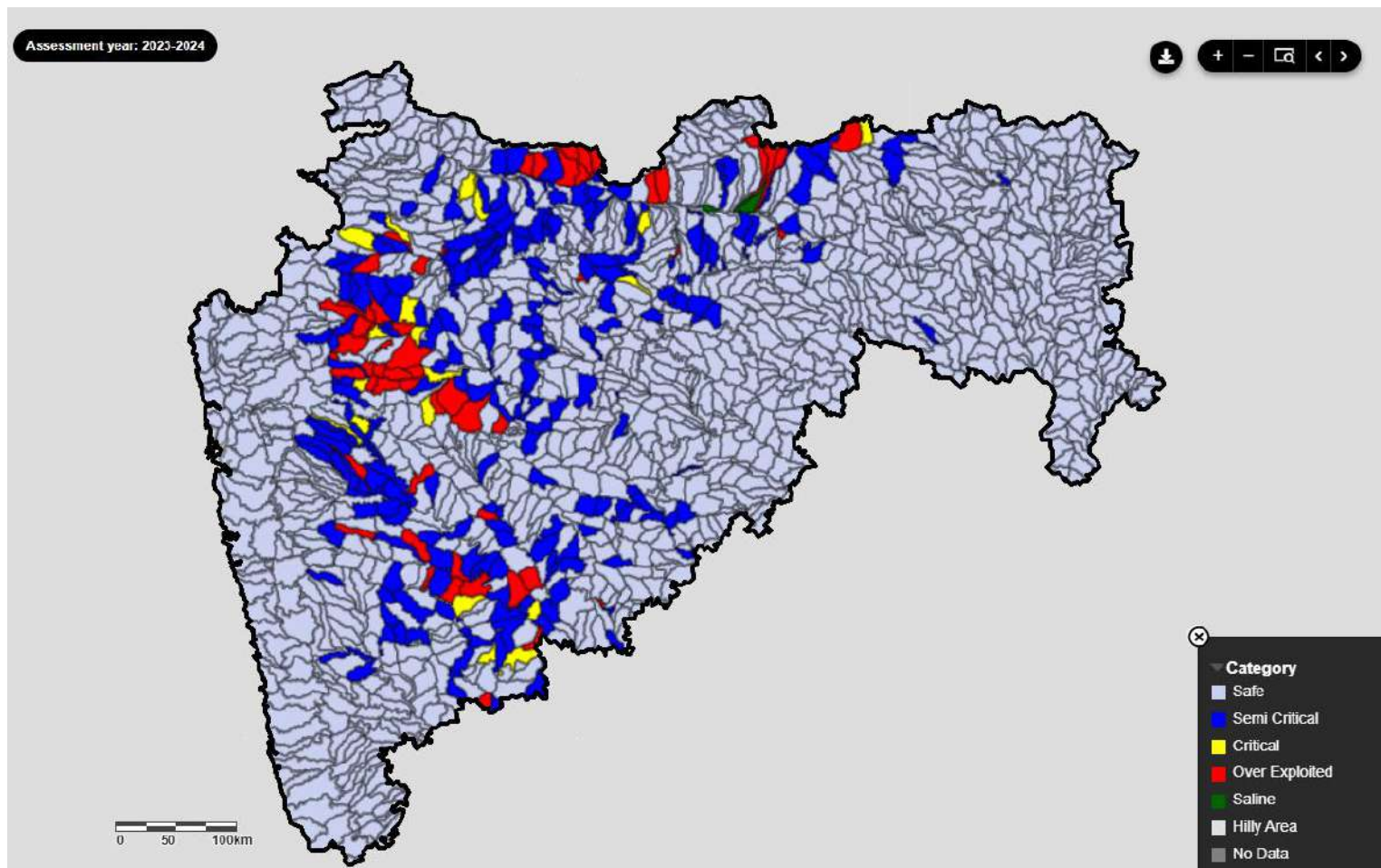


PLATE VI: WATERSHED WISE CATEGORIZATION OF MAHARASHTRA STATE, 2024



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