

PREFACE

Government of India initiative to provide piped water supply to every house by 2024 under Jal Jeevan Mission and to meet water requirement for irrigation and industrial requirement is biggest challenge of the time. Ground water resources are rapidly declining in major part of the State. For effective estimation of ground water resources in terms of draft and recharge in the area, water level plays major role. Various water conservation measures are being adopted by State government under various schemes. One such scheme, an incentive based programme "Atal Jal" is envisaged by Govt of India in association with World Bank. In this programme, supply side and demand side scheme are to be converged for effective ground water management. To analyse impact of rainwater harvesting measures, continuous water level monitoring is to be carried out and compare from base line information. Presently, water level is being monitored manually and Automatic Water level Recorder with telemetry is being installed on existing piezometer under National Hydrology Project. To depict ground water scenario, water level is being monitored during pre monsoon, during monsoon, post monsoon and post irrigation period with reference to spatial behaviour of ground water regime for each monitoring period, pre and post monsoon (seasonal), annual (corresponding period of preceding year) as well as changes with reference to last decade and change in behaviour of ground water quality, Ground Water Year Book 2019-20 of Rajasthan has been prepared.

The water level data collected from field were processed in Regional Data Center and water quality samples analysed in NABL accredited Regional Chemical Laboratory, Jaipur. These data were processed with the help of dedicated GEMS and other scientific software and maps were generated. Based on the maps and data analysis, this report has been compiled by Shri Suresh Kumar Pareek, Scientist "D" and Shri Lokendra Kumar, Draftsman in association with Ms. Balinder P Singh, Scientist "D"; Dr. J P Garg, Ms. Aruna Saini and Dr. Prerna Mathuriya, Chemists. The efforts made by the officers/officials in bringing out this report are highly appreciated.

I hope this Ground Water Year Book, which contains all the basic data and analysis for the year 2019-20 will be of immense help for generation of 3D aquifer maps and preparation of Ground Water Management Plan for various user agencies as well as stockholders. These data will serve as baseline information for impact analysis after implementation of Atal Bhujal Yojna (ABHY), National Hydrology Project (NHP), National Jal Jeevan Mission (JJM), etc. This report is of immense help to the planners, technocrats, researchers, academic institutes, etc.


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Regional Director

GROUND WATER YEAR BOOK 2019-2020

RAJASTHAN

Contents

<i>Executive Summary</i>	
1.	Introduction.....1
2.	Physiographic Features2
2.1	Topography2
2.1.1	Aravalli Hill Ranges.....3
2.1.2	The Eastern Plains.....3
2.1.3	The Western Sandy Plains and Sand Dunes4
2.1.4	Vindhyan Scarpland and Deccan Lava Plateau4
2.2	Drainage4
3.	Climate and Rainfall5
3.1	Climate5
3.2	Rainfall5
3.3	Temperature.....7
4.	Geology7
4.1	Archaeans.....8
4.2	Proterozoics.....9
4.3	Palaeozoics9
4.4	Mesozoics.....9
4.5	Deccan Traps9
4.6	Tertiary's9
4.7	Recent9
5.	Hydrogeology9
5.1	Porous Formations.....11
5.2	Fissured Formations.....11
6.	Ground Water Regime Monitoring.....12
6.1	Distribution of the National Hydrograph Stations.....12
6.2	Analysis of data.....15
7.	Ground Water Scenario15
7.1	Depth to Water Level (Unconfined Aquifer)15
7.1.1	May 2019.....16
7.1.2	August 2019.....17
7.1.3	November 201919
7.1.4	January 202020
7.2	Seasonal Water Level Fluctuation22
7.2.1	May 2019 to August 201923
7.2.2	May 2019 to November 2019.....24
7.2.3	May 2019 to January 202025
7.3	Annual Water Level Fluctuation26
7.3.1	May 2018 to May 201927
7.3.2	August 2018 to August 201928
7.3.3	November 2018 to November 201929
7.3.4	January 2019 to January 2020.....30
7.4	Decadal Variations.....31
7.4.1	Decadal Variation - Decadal average of May (2009-2018) to May, 201932
7.4.2	Decadal average of August (2009 - 2018) to August 2019.....33
7.4.3	Decadal average of November (2009 - 2018) to November 1934
7.4.4	Decadal average of January (2010 - 2019) to January 202035

8.	Hydrochemistry	36
8.1	Standards for drinking use	36
8.2	Quality of Ground Water.....	37
8.2.1	Electrical Conductance (EC)	37
8.2.2	Chloride (Cl)	38
8.2.3	Sulphate (SO ₄).....	39
8.2.4	Nitrate (NO ₃)	39
8.2.5	Fluoride (F)	40
8.2.6	Total Hardness (TH)	41
8.2.7	Calcium (Ca)	42
8.2.8	Magnesium (Mg)	42
8.2.9	Iron (Fe)	42
9.	Conclusions and Recommendations.....	46

List of Figures

Figure 1: Administrative Divisions.....	1
Figure 2: Location of National Hydrograph Stations	1
Figure 3: Physiography	3
Figure 4: Distribution of average annual rainfall during 2019.	5
Figure 5: Annual Rainfall and Departure from Normal	7
Figure 6: Hydrogeology.....	10
Figure 7A: Basin-wise distribution of Monitoring Wells.....	13
Figure 7B: Aquifer-wise distribution of Monitoring Wells.....	14
Figure 8: Distribution of Wells among Different Categories of Water Levels (2019-20)	16
Figure 9: Depth to Water Level (May 2019)	17
Figure 10: Depth to Water Level (August 2019).....	18
Figure 11: Depth to Water Level (November 2019)	20
Figure 12: Depth to Water Level (January 2020)	21
Figure 13: Seasonal Fluctuation of Water Level (2019-2020).....	22
Figure 14: Water Level Fluctuation – May 2019 to August 2019.....	23
Figure 15: Water Level Fluctuation – May 2019 to November 2019	24
Figure 16: Water Level Fluctuation – May 2019 to January 2020.....	25
Figure 17: Annual Fluctuation in the water levels - different monitoring periods	26
Figure 18: Annual Water Level Fluctuation May 2018 to May 2019.....	27
Figure 19: Annual Water Level Fluctuation August 2018 to August 2019.....	28
Figure 20: Annual Water Level Fluctuation November 2018 to November 2019.....	29
Figure 21: Annual Water Level Fluctuation January 2019 to January 2020	30
Figure 22: Decadal Water Level Fluctuation	31
Figure 23: Decadal Water Level Fluctuation –Average May to May 2019	32
Figure 24: Decadal Water Level Fluctuation –Average August to August 2019	33
Figure 25: Decadal Water Level Fluctuation –Average Nov to Nov 2019.....	34
Figure 26: Decadal Water Level Fluctuation –Average Jan to Jan 2020	35
Figure 27: Distribution of Electrical Conductance May 2019	37
Figure 28: Distribution of Chloride May 2019	38
Figure 29: Distribution of Nitrate May 2019	40
Figure 30: Distribution of Fluoride May 2019.....	41
Figure 31: Distribution of Uranium May 2019.....	43

List of Tables

Table 1: Area of Districts and Number of NHS as on 31.3.2020	2
Table 2: Average Annual Rainfall and Departure (%) From Normal Rainfall	6
Table 3: Geological Succession.....	8
Table 4: Distribution and Density of NHS in River Basins	13
Table 5: Distribution of Hydrograph Network Stations in Different Hydrogeological Units	14
Table 6: Water Quality Standards for drinking use	36
Table 7: Distribution of Major constituents, May 2019	37
Table 8: Range of Uranium concentration in ground water, May 2019.....	44
Table 9: Uranium concentration beyond permissible limit, May 2019	45

No	List of Annexure	Page
I	Categorization of Depth to Water Level - May 2019	49
II	Categorization of Depth to Water Level - August 2019	50
III	Categorization of Depth to Water Level - November 2019	51
IV	Categorization of Depth to Water Level - January 2020	52
V	Categorization of Changes In Water Level Between May 2019 & August 2019	53
VI	Categorisation of Changes in Water Level Between May 2019 & November 2019	54
VII	Categorisation of Changes in Water Level Between May 2019 & January 2020	55
VIII	Categorisation of Changes in Water Level Between May 2018 and May 2019	56
IX	Categorisation of Changes in Water Level Between August 2018 and August 2019	57
X	Categorisation of Changes in Water Level Between November 2018 and November 2019	58
XI	Categorisation of Changes in Water Level Between January 2019 and January 2020	59
XII	Categorisation of Changes in Water Level During May 2019 with respect to Decadal Average of May (2009 - 2018)	60
XIII	Categorisation of Changes in Water Level During August 2019 with respect to Decadal Average of August (2009 - 2018)	61
XIV	Categorisation of Changes in Water Level During November 2019 with respect to Decadal Average of November (2009 - 2018)	62
XV	Categorisation of Changes in Water Level During January 2020 with respect to Decadal Average of January (2010 - 2019)	63
XVI	District wise distribution (nos) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)	64
XVII	District wise distribution (%) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)	66
XVIII	District Wise Minimum and Maximum Values of Chemical Constituents (Pre-monsoon, 2019)	68

Appendices

No.	Description	Page No.
I	Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State	70
II	Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan	89
III	Chemical analysis results of samples collected during NHS monitoring 2019	104
IV	Uranium Concentration	114

EXECUTIVE SUMMARY

The State of Rajasthan comprising of 33 districts has a geographical area of 3,42,239 square kilometre (sq km). It is situated between north latitudes 23°03' and 30°12' and east longitudes 69°30' and 78°17'.

Physiographically the state is divided into four major units, i.e., Aravalli hill ranges, Eastern plains, Western Sandy Plain and Sand Dunes & Vindhyan Scarpland and Deccan Lava Plateau.

The Aravalli Hill Ranges form the main water divide in Rajasthan. Luni is the only river west of Aravallis. In the remaining area of western Rajasthan comprising about 60% of the geographical area of the state, the drainage is internal, and the streams are lost in the desert sands after flowing for a short distance from the point of origin. In the east of Aravalli ranges, the main rivers are Chambal, Banganga, Banas, Sahibi, Kantli, Banas and Mahi.

Rajasthan receives much lower rainfall compared to the other parts of the country. Out of the total rainfall, a sizable portion is in the beginning of the rainy season which is mainly used for building the soil moisture and is also lost to evaporation because of the arid conditions. The amount infiltrating through the soil mass to contribute to ground water storage is of the order of 5% to 7% in areas underlain by hard rocks and 10% to 15% in alluvial areas.

The normal annual rainfall of Rajasthan is 549 mm. However, during the period from 2010 - 18, highest average annual rainfall of the State occurred in the year 2011 and lowest in the year 2017. The average annual rainfall (2019) is 29.5% more than the normal annual rainfall. The average annual rainfall of the State during the period 2019 works out to be 829.4 mm.

Diverse rock types ranging from the oldest Archaean Metamorphics to Sub-Recent to Recent alluvium and wind-blown sand are exposed in Rajasthan. However, in a major portion of the area, particularly in Western Rajasthan, the older rocks lie concealed below a cover of alluvium and blown sand. The State is underlain by hard rock (nearly 40%) consisting of the Archaean crystalline (Bhilwara Super Group), Proterozoic rocks comprising Aravalli and Delhi Super Groups, Erinpura Granite, Malani volcanics and plutonic suite of rocks and their equivalents, Marwars, Vindhyan and Deccan Traps. The soft rocks include the alluvium and the blown sand, which occupy the major portion in the remaining part of the State.

For broadly grouping geological formations from ground water occurrence & movement considerations, the various lithological units can be classified into two groups on the basis of their degree of consolidation: the porous formations and the fissured formations. The porous formations mainly comprise the Quaternary sediments including younger & older alluvium and Tertiary & Mesozoic formations, which include siltstone, clay stone, sandstone, shale, conglomerate & limestone. The Fissured formations, as hydrogeological unit, occupy 32% area of the state and can be broadly classified into four units: Consolidated sedimentary rocks, Igneous and metamorphic rocks of lower Proterozoic age, volcanic rocks including Deccan Trap Lava Flows and Carbonate rocks including limestone, marble and dolomite.

Central Ground Water Board has a network of 1,265 stations in Rajasthan called the National Hydrograph Stations (NHS). This includes 709 dug wells and 556 purpose built piezometers. The density of stations monitored during 2019-20 works out to one station for every 271 sq. km

Water levels at these NHS are monitored four times a year. Water samples for ground water quality (inorganic constituents) are collected once in a year during May, when the concentration of the chemical constituents is expected to be at the peak level.

During all the four measurements of water levels in May, August and November, 2019 and January, 2020, the depth to ground water was within 20 m in more than 60% of the stations. The summarized details are given in the following table:

Period	No. of wells analysed	< 2m	2 to 5m	5 to 10m	10 to 20m	20 to 40m	>40m
May-19	1030	1.26%	7.77%	20.19%	27.86%	21.46%	21.46%
August-19	1077	14.48%	13.00%	15.88%	19.03%	17.18%	20.43%
November-19	1095	12.05%	18.63%	18.26%	15.34%	16.44%	19.27%
January-20	1080	9.17%	18.15%	20.74%	15.83%	15.93%	20.19%

Analysis of depth to water level during pre-monsoon indicates depth to water level of more than 40 m bgl mostly in the districts of Jhunjhunu, Sikar, Nagaur, Jaipur, Bikaner, Jalore & Barmer districts representing north-east to western and upper central part of the state. Depth to water level between 20 to 40m bgl represents north east to western part of the State. South-eastern half of the State exhibits water level less than 20 m bgl. Shallow water levels, less than 2 m bgl, are scattered mostly in the south-eastern parts of the State. About 73% stations depicts water level between 5 & 40 m bgl. The deepest water level 128.15 m bgl was recorded at Deshnok in Bikaner district.

During post monsoon, water levels of more than 40 m bgl have been observed mostly in north-east, central and western part of the state. Depth to water level between 20 to 40m bgl was observed in north-east to western parts of the State, falling mainly in parts of Alwar, Churu, Dausa, Jaisalmer, Hanumangarh & Barmer districts. Water levels less than 20 m bgl are mainly seen in northern and south-eastern parts of the State. Shallow water level i.e. less than 2m bgl was spread over south, south east, northern part of State falling in Pratapgarh, Ajmer, Banswara, Baran, Kota, Rajsamand, Pali, Jhalawar, Udaipur, Dungarpur, Tonk, Dholpur, Chittorgarh, Bhilwara & Sawai Madhopur districts.

The seasonal fluctuations between May 2019 and other periods of measurement, i.e., August & November 2019 and January 2020 are shown below. In majority of the cases, a rise as compared to May 2019 is observed.

May 2019 as compared to Range->	No. of wells analysed	Rise (% of wells)			Fall (% of wells)		
		0-2	2-4	> 4	0-2	2-4	>4
Aug 2018	981	35.4%	19.6%	28.6%	11.2%	1.6%	1.5%
Nov 2018	979	25.1%	19.2%	34.4%	16.1%	1.5%	3.0%
Jan 2019	969	29.4%	17.4%	29.6%	17.1%	2.0%	3.6%

A comparison of annual fluctuation (rise & fall) in water level for each measurement, as compared to the same period (month) of previous year was made, which shows rise in water level in all the periods except during pre-monsoon period. The results are summarised below:

From	To	No. of wells analysed	Rise			Fall		
			0-2	2-4	> 4	0-2	2-4	>4
May 2018	May 2019	888	17.9%	4.8%	4.4%	45.7%	12.0%	13.9%
Aug 2017	Aug 2018	942	31.6%	9.2%	10.1%	28.5%	8.4%	10.5%
Nov 2017	Nov 2018	970	29.0%	16.4%	18.1%	24.1%	5.4%	5.9%
Jan 2018	Jan 2019	944	28.9%	11.9%	18.2%	27.3%	6.6%	4.3%

In order to understand the behaviour of water level on long-term basis, a comparison of water level for each measurement period was made with the decadal (10 year) average of water levels for the same period. On long term basis, it is observed that, pre-monsoon water level shown decline whereas other periods shown rise in water levels. However, spatially, the decline is observed mainly in the north eastern, south-western and central parts. The rise in water levels during the decade is mostly observed in the northern, north western and south-eastern parts.

From	To Decadal Average	No. of wells analysed	Rise (% of wells)			Fall (% of wells)		
			0-2	2-4	> 4	0-2	2-4	>4
May 2019	May 2008-2017	939	24.5%	6.8%	4.7%	31.6%	14.4%	18.0%
Aug 2018	Aug 2008-2017	987	29.1%	12.2%	8.5%	24.5%	10.5%	15.1%
Nov 2018	Nov 2008-2017	1018	31.7%	14.0%	13.3%	20.8%	8.3%	11.7%
Jan 2019	Jan 2009-2018	995	28.2%	14.2%	14.2%	24.1%	8.5%	10.7%

The chemical quality of the ground water has been evaluated by analysing 650 samples collected from National Hydrograph Stations or nearby NHS. The water quality parameters affecting the human health were analysed with respect to the Bureau of Indian Standards (BIS).

Summary of water samples is as follows:

Limit	Constituents (Percentage)							
	TDS	Cl	SO4	F	NO3	TH	Ca	Mg
Acceptable limit	18.31	53.38	57.38	51.38	62.77	19.69	57.08	31.23
Permissible Limit	51.23	31.08	20.92	17.69		54.15	33.38	47.23
Beyond Permissible	30.46	15.54	21.69	30.92	37.23	26.15	9.54	21.54

Electrical Conductivity (EC) is primary indicator of degree of salinity in the ground water. The EC ranges from less than 240 (Delwan, Ganganagar and Manderla, Jhunjhunu district) to 23000 (Arajnsar, Bikaner district) $\mu\text{S}/\text{cm}$ at 25°C. EC of a solution gives an idea about the quantity of ions or dissolved solids present in it. In western, central and some eastern parts of the state higher EC values of water (>3000 $\mu\text{S}/\text{cm}$) have been observed thus making the

ground water saline and non-potable. In southern and some eastern part of the state water is fresh as the EC values are within 1500 $\mu\text{S}/\text{cm}$.

Out of 650 water samples analysed, 17.69% samples have EC values less than 750 $\mu\text{S}/\text{cm}$, 26.62% between 750 & 1500 $\mu\text{S}/\text{cm}$, 24.46% between 1500 & 3000 $\mu\text{S}/\text{cm}$ and 31.23% samples have more than 3000 $\mu\text{S}/\text{cm}$ at 25^o C. In the districts of Jalore (88.89%), Bikaner (83.33%), Bundi (66.67%), Nagaur (61.90%), Jodhpur (57.14%), Sikar (50.0%) & Tonk (25%) samples have EC values in the range of 3000-23000 $\mu\text{S}/\text{cm}$. Minimum value of EC (240 $\mu\text{S}/\text{cm}$) was found at Delwan in Ganganagar & Mandrela in Jhunjhunu district and maximum value (23000 $\mu\text{S}/\text{cm}$ at 25^o C) at Arjansar in Bikaner district.

Occurrence of high fluoride in the ground water is a great concern as 30.92% of 650 ground water samples have fluoride beyond Permissible limits i.e. 1.5 mg/l, 51.38% fall within acceptable limit, 17.69% between acceptable and permissible limit of Fluoride. The worst affected districts are Pali (70.59%), Bikaner (62.50%), Jodhpur (61.90%), Bharatpur (56.25) and Jaisalmer (52.50%). Ajmer, Banswara, Barmer, Bhilwara, Dungarpur, Jaipur, Jalore & Rajsamand districts are moderately affected with 30% to 42.86% water samples having fluoride above 1.5 mg/l. Minimum value of fluoride has been observed 0.01 mg/l at Amarwasi, Nangpura, Salawatia and Mandalgarh in Bhilwara district, Arniyali in Barmer district, Chosli in Nagaur district and Ghata in Rajsamand district. Abnormally high values of fluoride have been observed from Tickel (19.52 mg/l) in Jaipur district and Dhawa (18.00 mg/l) in Jodhpur district.

High nitrate concentrations have been observed in ground water at several places and ranges between below detection limit and 1150 mg/l. About 62.77% of samples have nitrate values within acceptable limit & remaining 37.23% samples have nitrate value beyond permissible limit. i.e. 45 mg/l. More than 50% of samples of Bikaner (66.67%), Barmer (66.67%), Jodhpur (59.52%) Bundi (55.56%) and Pratapgarh, Sikar & Karauli (each having 50%) have nitrate above 45 mg/l). 40.00% to 48.15% samples of Pali, Tonk, Dungarpur, Jhalawar, Rajsamand, Jalore, Nagaur and Churu district has nitrate values beyond permissible limit. Maximum value of nitrate as 1150 (mg/l) have been observed at Luna Kalan in Jaisalmer district and Bisalpur in Jodhpur district.

A total of 671 samples analysed for uranium. Uranium concentration above 30 $\mu\text{g}/\text{l}$ is observed in 21 districts out of 33 districts of Rajasthan state (7.15%) namely, Ajmer, Alwar, Banswara, Barmer, Bhilwara, Bikaner, Bundi, Churu, Chittaurgarh, Dausa, Ganganagar, Jaipur, Jalore, Jodhpur, Karauli, Nagaur, Pratapgarh, Rajsamand, Swai Madhopur, Tonk, Udaipur. Most of locations with uranium concentration >30 $\mu\text{g}/\text{l}$ are found in Nagaur and Jaipur districts. Uranium concentration above 60 $\mu\text{g}/\text{l}$ mainly observed in Ajmer, Bhilwara, Jaipur, Rajsamand and Nagaur districts. Though, highest value of 181.084 $\mu\text{g}/\text{l}$ observed at Bagot in Nagaur district, the number of samples with higher concentration (>60 $\mu\text{g}/\text{l}$) is more in Jaipur district.

GROUND WATER YEAR BOOK 2019-2020

RAJASTHAN

1. INTRODUCTION

The State of Rajasthan comprising of 33 districts has a geographical area of 3,42,239 square kilometre (sq km) and is the largest State in the country. Administrative division map of Rajasthan is shown in Figure-1. It is situated between north latitudes $23^{\circ}03'$ and $30^{\circ}12'$ and east longitudes $69^{\circ}30'$ and $78^{\circ}17'$. The ground water monitoring is being carried out through a network of observation wells- the National Hydrograph Network Stations (NHS).

The National Hydrograph Network Stations set-up is a system of spatially distributed observation points at which periodic monitoring of ground water and regime behaviour viz. recording of water levels and temperature and collection of ground water samples for water (chemical) quality analysis are done. The main objectives of monitoring of water levels and water quality are to observe the rise and fall of ground water levels and to study changes in quality of water in space and time consequent to changes in the inputs and outputs.



Figure 1: Administrative Divisions

Database on ground water levels and quality created through this effort forms an important tool in the evaluation of optimum development and decision making on the various aspects of water resources management. Presently 1265 NHS comprises of 709 dug well and 556 piezometers in the state are being monitored and are represented on map of Rajasthan in Figure-2.

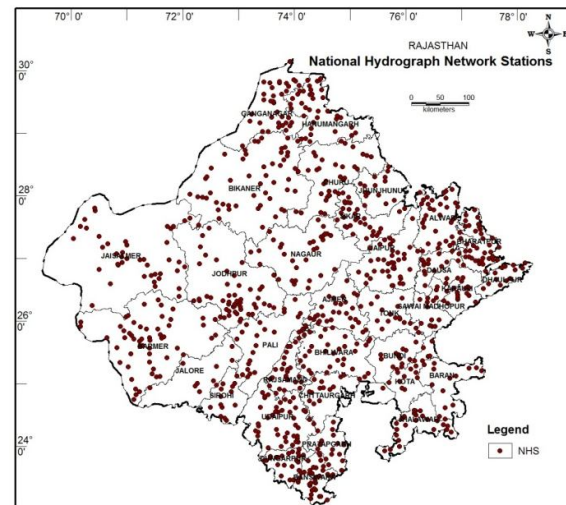


Figure 2: Location of National Hydrograph Stations

The district-wise distribution is given in Table 1.

Table 1: Area of Districts and Number of NHS as on 31.3.2020

S. No.	District	Geographical area (sq km)	Total Number of NHS		
			Dug well	Piezometer	Total
1	Ajmer	8481	25	7	32
2	Alwar	8380	12	33	45
3	Banswara	4536	30	15	45
4	Baran	6955	18	2	20
5	Barmer	28387	38	19	57
6	Bharatpur	5100	22	18	40
7	Bhilwara	10455	37	34	71
8	Bikaner	27244	32	30	62
9	Bundi	5550	12	0	12
10	Chittorgarh	7880	17	2	19
11	Churu	16830	28	11	39
12	Dausa	3470	7	19	26
13	Dhaulpur	3000	10	8	18
14	Dungarpur	3770	19	5	24
15	Ganganagar	10978	36	7	43
16	Hanumangarh	9656	30	11	41
17	Jaipur	11066	31	95	126
18	Jaisalmer	38401	36	38	74
19	Jalore	10640	8	18	26
20	Jhalawar	6219	27	0	27
21	Jhunjhunu	5928	0	21	21
22	Jodhpur	22850	26	73	99
23	Karauli	5016	16	8	24
24	Kota	5481	16	1	17
25	Nagaur	17718	18	18	36
26	Pali	12387	24	2	26
27	Pratapgarh	4360	19	2	21
28	Rajsamand	4768	26	3	29
29	Sawai Madhopur	5043	18	2	20
30	Sikar	7732	2	38	40
31	Sirohi	5136	12	7	19
32	Tonk	7194	17	4	21
33	Udaipur	11761	40	5	45
RAJASTHAN		342,239	709	556	1265

2. PHYSIOGRAPHIC FEATURES

2.1 Topography

The state has a fairly mature topography developed during the long period of denudation and erosion. The present physiography and landforms are greatly determined by geological formations and structures and is the product of the past fluvial cycle of erosion and the

recent & continuing desert cycle of erosion. The Physiographical map of Rajasthan is shown in figure-3

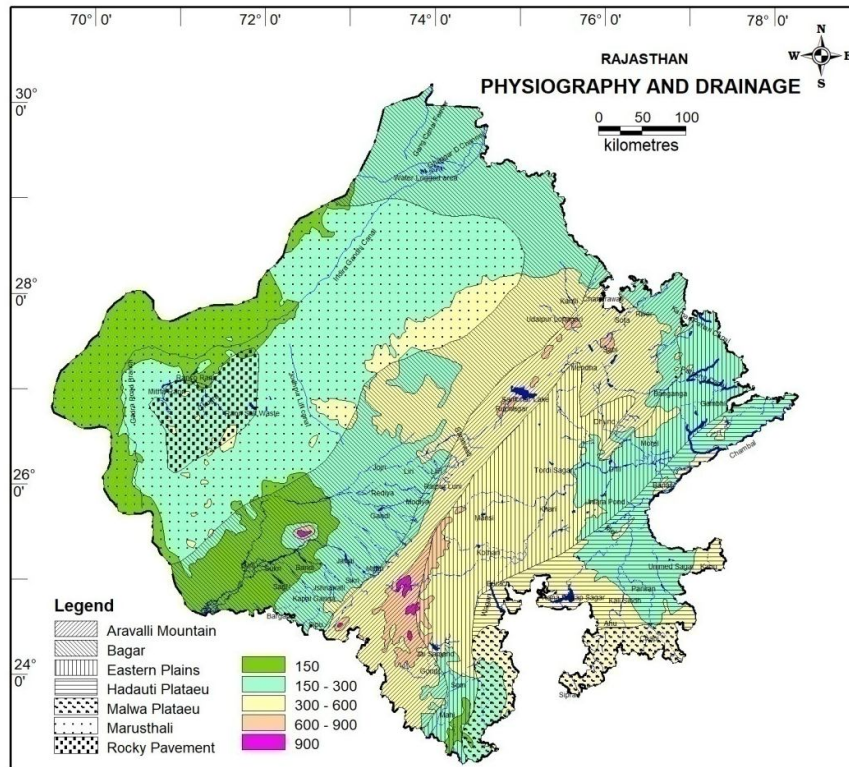


Figure 3: Physiography

Physiographically the state can be divided into four units:

- (a) Aravalli hill ranges
- (b) Eastern plains
- (c) Western Sandy Plain and Sand Dunes and
- (d) Vindhyan Scarpland and Deccan Lava Plateau

2.1.1 Aravalli Hill Ranges

The Aravalli ranges trending NE-SW are the oldest mountain chain in India. The elevation of these hill ranges varies from about 600 metres to over 900 metres above mean sea level (m amsl). They are composed of Bhilwara, Aravalli and Delhi Super group of rocks ranging in age from Archaean {2500 million year (my)} to Proterozoic (740 my). These ranges form a series of rugged hills with rounded surfaces. The quartzite however, stands out as scarps. Near Ajmer, these separate out south west wards into a number of parallel ridges. At Mount Abu, the clusters of granite peaks reach a maximum height of 1722 m amsl at Guru Sikhar.

2.1.2 The Eastern Plains

In the plains, east of the Aravalli ranges, the altitude varies from 150 m to 450m amsl. The general trend of the slope varies from place to place. In Dungarpur and Banswara districts it is mainly from north to south, in Alwar district it is from south to north and in the remaining

districts, forming the central and north eastern Rajasthan, it is from west to east. The Vindhyan plateau marks the south - eastern limit.

2.1.3 The Western Sandy Plains and Sand Dunes

The sandy plains in western Rajasthan, forming a part of Thar Desert, are mainly occupied by alluvium and blown sands. These plains are further sub-divided into three units:

- **Sandy Arid Plain (Marusthali)**
- **Semi-arid Transitional Plain**
- **Ghaggar Plain**

The Sandy Arid Plain is a typical desert terrain. It includes the western most districts of Jaisalmer, Bikaner and part of Barmer, Jodhpur, Nagaur, Churu and Ganganagar. The line dividing the Sandy Arid Plain and the Semi-arid Transitional Plain as well as Ghaggar Plain is based on climatic parameters and water resource availability.

The eastern boundaries of the Semi-arid Transitional Plain are the foot-hills and their extension on the western side of Aravalli ranges. Sand dunes are prominent and the terrain is punctuated with isolated hills of granites and rhyolites. The altitude varies from 30m to 300m amsl. The general slope is from northeast to southwest.

The Ghaggar Plain consists mainly of former flood plains and aeolian deposits. Networks of canals cover the entire area. The southern and southeastern part is occupied by medium to high dunes. Nineteen of these interdunal depressions are being utilised for storing the diverted Ghaggar flood waters. The central part of the Ghaggar Plain is drained by the regulated flood waters of Ghaggar River.

2.1.4 Vindhyan Scarpland and Deccan Lava Plateau

The southeastern plains are locally characterised by plateau, scarp land and ravines. The Vindhyan scarpland are seen all along the Great Boundary Fault from Chittorgarh to the trijunction of Bharatpur, Dholpur and Sawai Madhopur districts. They have an average elevation of 300m to 580m amsl.

The Deccan Lava Plateau is mainly confined to parts of Kota, Jhalawar, Banswara and Chittorgarh districts. The elevation ranges from 300m to over 500m amsl.

The ravines, locally impassable, are confined to the alluvium overlying the Vindhyan in Dholpur, Sawai Madhopur, Jhalawar and Kota districts along the Chambal river and its tributaries.

2.2 Drainage

The Aravalli Hill Ranges from the main water divide in Rajasthan. Luni is the only river west of Aravallis. In the remaining area of western Rajasthan comprising about 60% of the geographical area of the state, the drainage is internal, and the streams are lost in the desert sands after flowing for a short distance from the point of origin. Luni itself essentially is an ephemeral stream with flood cycle of 16 years. Drainage in western Rajasthan is towards west and south - west. In the east of Aravalli ranges the main drainage is towards north - east.

The other important catchments include Yamuna-Ganga in the north east, and Mahi and Sabarmati in the south west with flow towards south. The former three catchments support perennial rivers. In the northern and north-eastern parts of eastern Rajasthan, the

Banganga, Barah, Sota, Sahib and Kantli rivers are of inland nature. The drainage in the whole of Rajasthan is generally dendritic.

In the desert area a few salt lakes and depressions exist, prominent among them being the Sambhar Lake, Didwana Lake, Bap, Pachpadra and Rann of Jaisalmer and Pokhran.

3 CLIMATE AND RAINFALL

3.1 Climate

Climatically, the year in Rajasthan can be divided into three major conventional seasons as follows:

- The Hot- Weather Season (March to end of June)
- Monsoon Season (End of June to September)
- The Cold- Weather Season (October to February)

The India Meteorological Department has further sub-divided the cold season into two divisions, i.e. The Season of retreating monsoon (October to December) & the cold season (January to February). These seasonal variations have been broadly based on temperature and rainfall conditions in different months.

3.2 Rainfall

Rainfall is the major source of ground water recharge in the state. The state receives 90 % rainfall from southwest monsoon from June to September. The winter rainfall is meagre. Map showing distribution of average annual rainfall during 2019 in the State (Figure 4).

There are 349 Rain gauge stations in the state. The annual rainfall data of ten years 2010 to 2018 have been analysed to calculate average rainfall of each district in the respective years. The average annual rainfall of the state during the period 2019 works out to be 829.4 mm.

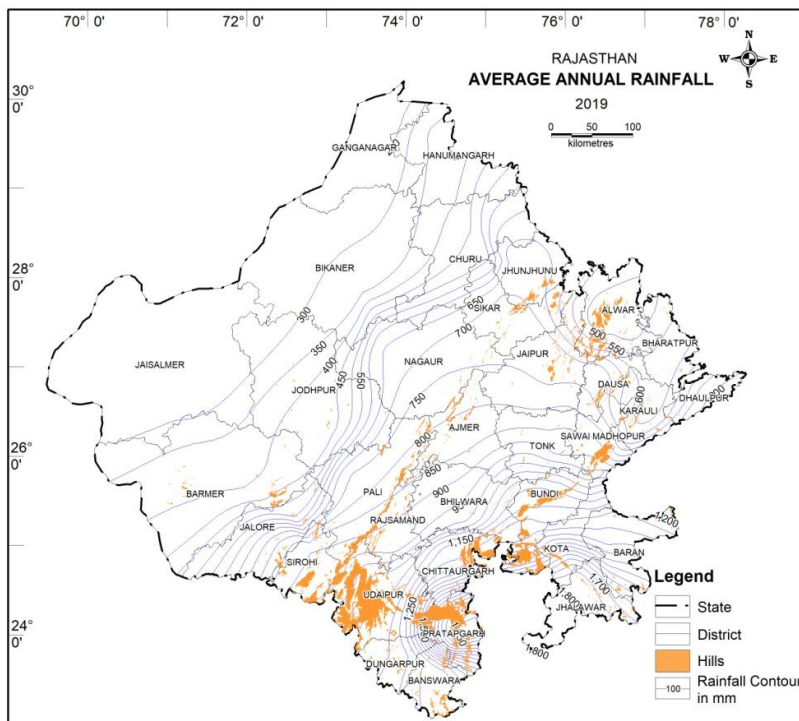


Figure 4: Distribution of average annual rainfall during 2019

The average annual rainfall and departures (%) from normal annual rainfall in the state is shown in figure 4. The percentage departures of average annual rainfall from Normal (1901-70) have been computed for the last ten years and tabulated in Table 2. It is observed that the average annual rainfall in the State, during the year 2019, is 29.5% more than the normal annual rainfall. The average annual rainfall in the state was more than 21.2% of average (2010-18) rainfall.

Table 2: Average Annual Rainfall and Departure (%) From Normal Rainfall

S. No.	District	Normal (1901-70)	Average rainfall (2010-18) (mm)	Rainfall (2019) (mm)	Departure (%) in 2019 from normal rainfall	Departure (%) in 2019 from Average rainfall
1	Ajmer	437	560.0	799.1	45.31	29.9
2	Alwar	626	569.1	462.2	-35.45	-23.1
3	Banswara	870	900.5	1280.6	32.06	29.7
4	Baran	895.3	1057.0	1319.5	32.15	19.9
5	Barmer	260	355.5	389.9	33.32	8.8
6	Bharatpur	675.1	640.3	593.4	-13.78	-7.9
7	Bhilwara	603.3	660.5	966.7	37.59	31.7
8	Bikaner	249.8	326.4	306.8	18.57	-6.4
9	Bundi	715.8	775.7	1198.7	40.28	35.3
10	Chittorgarh	772.3	888.8	1243.2	37.88	28.5
11	Churu	337.9	463.8	476.4	29.08	2.6
12	Dausa	625.7	691.6	739.8	15.42	6.5
13	Dhaulpur	717.5	690.4	812.2	11.66	15.0
14	Dungarpur	610.4	838.3	1144.3	46.66	26.7
15	Ganganagar	171.6	260.6	231.5	25.87	-12.6
16	Hanumangarh	237.5	322.8	352.9	32.69	8.5
17	Jaipur	526.8	583.6	744.2	29.21	21.6
18	Jaisalmer	158.6	235.6	251.8	37.02	6.5
19	Jalore	400.6	556.6	544.1	26.38	-2.3
20	Jhalawar	884.8	1074.8	1783.0	50.38	39.7
21	Jhunjhunu	459.5	545.8	683.9	32.81	20.2
22	Jodhpur	296.7	397.6	435.7	31.90	8.7
23	Karauli	616.2	672.5	583.6	-5.59	-15.2
24	Kota	808.7	862.7	1282.5	36.94	32.7
25	Nagaur	363.1	469.3	652.4	44.34	28.1
26	Pali	484.5	626.5	752.9	35.64	16.8
27	Pratapgarh	806	1099.0	1978.2	59.26	44.4
28	Rajsamand	556.1	722.7	917.6	39.39	21.2
29	Sawai Madhopur	655.8	781.1	897.5	26.93	13.0
30	Sikar	459.8	589.8	711.9	35.41	17.1
31	Sirohi	606.3	755.9	903.2	32.87	16.3
32	Tonk	598.2	836.8	863.0	30.68	3.0
33	Udaipur	632.7	746.9	1069.5	40.84	30.2
	RAJASTHAN	549.1	653.3	829.4	29.5	21.2

A perusal of Table 3 reveals that during the year 2019, 4 districts received normal rainfall; 27 districts above normal and 1 district received below normal rainfall. The isohyets of annual rainfall for 2019 (Figure 5) indicate that the rainfall in the east of Aravalli is significantly higher as compared to the western part.

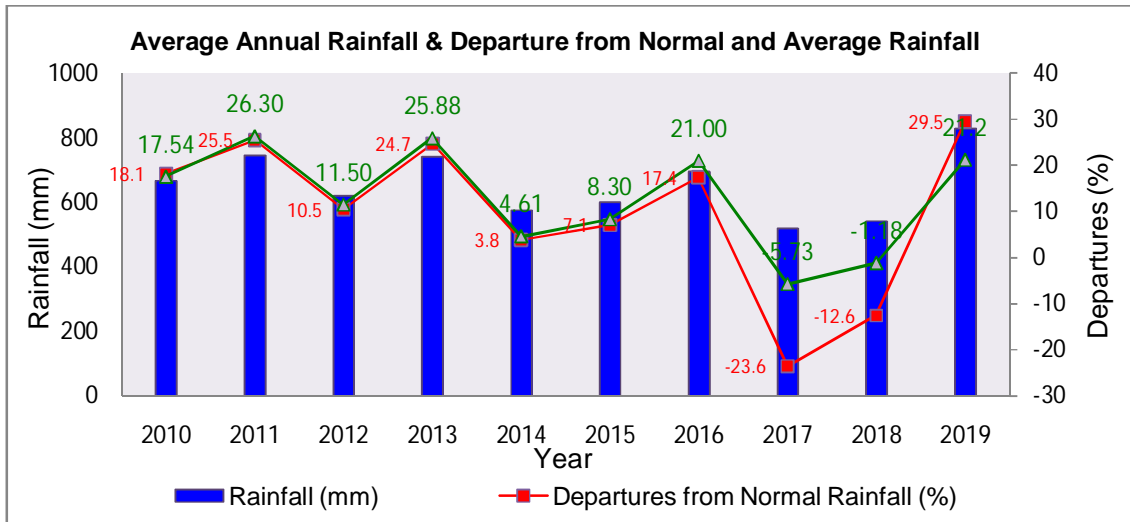


Figure 5: Annual Rainfall and Departure from Normal

3.3 Temperature

The hot weather season commences in the month of March and continues through April to June. In the month of May the diurnal range of temperature increases more and the day become hotter. During June the mean maximum temperature reaches as high as 48⁰ C.

January is the coldest month. The normal minimum temperature (January) range from 2⁰ C in the north to 7.8⁰ C. At Mount Abu (1195 m AMSL), temperature dips to freezing point during the month of December/January. In eastern Rajasthan the range of normal minimum temperature (January) in and around the Aravalli hill ranges is 7⁰ C to 8⁰ C which increases towards the east and attains a high of more than 10⁰ C in the districts of Kota and Bundi.

4 GEOLOGY

Diverse rock types ranging from the oldest Archaean rocks to sub- Recent alluvium and wind-blown sand are exposed in Rajasthan. In a major portion of the area, particularly in western Rajasthan, the oldest rocks are concealed below a thick cover of alluvium and wind-blown sands. A generalised stratigraphic succession of various formations and rock types is given in Table 3.

Table 3: Geological Succession

GEOLOGICAL TIME UNIT		LITHOSTRATIGRAPHIC TIME UNIT		LITHOLOGY
ERA	PERIOD	SUPERGROUP / GROUP		
RECENT				Alluvium and blown sand
CAINOZOIC (TERTIARY)	Eocene	Mandai/ Akli/ Kapurdih/ Jogira/ Banda/ Khuiala / Palana		Sandstone, bentonitic clay & fuller's earth
DECCAN TRAPS				Basalt
MESOZOIC	Cretaceous	Abur / Fatehgarh		Sandstone, limestone, clay and lignite
	Jurassic	Paruhar/ Bhadesar/ Baisakhi/ Jaisalmer/ Lathi		Limestone, sandstone & shale
PALAEOZOIC	Permo- Carboniferous		Bhadura	Sandstone & boulders
		Marwar	Nagaur/ Bilara/ Jodhpur	Sandstone, gypsum, siltstone, limestone, dolomite & shale
UPPER PROTEROZOIC		Vindhyan	Bhander/ Rewa/ Kaimur/ Semri	Sandstone, shale, limestone, conglomerate & basic flows
			Acid, Basic and Ultrabasic Intrusives and Extrusives Malani Volcanics / Plutonics Kishangarh Syenite	
LOWER PROTEROZOIC		Delhi	Ajabgarh/ Alwar/ Sirohi/ Punagarh/ Raialo	Quartzite, schist, gneiss, marble, shale, slate, phyllite & basic flows
			Granite, Basic & Ultrabasic Intrusives	
		Aravalli	Jharol/ Bari/ Udaipur/ Debari	Quartzite, schist, phyllite, conglomerate, greywacke, metavolcanics & marble
			Granite & Basic Intrusives	
ARACHAEAN		Bhilwara	Ranthamobre/ Rajpura-Dariba /Hindoli	Phyllite, slates, schist, gneiss, granite gneiss & migmatites

4.1 Archaeans

The Archaeans in Rajasthan are represented by Bhilwara Supergroup and comprise Banded Gneissic Complex representing the oldest meta-sedimentary sequence along with Berach Granite.

4.2 Proterozoics

Aravallis: Aravalli Supergroup unconformably overlies the Archaeans and consists of phyllites, greywackes, quartzites and dolomites intruded by granites and mafic rocks.

Delhis: These are exposed over a large part of central and north eastern Rajasthan and consist dominantly of quartzites, biotite-schist, calc-schist and marble.

Vindhyan: Vindhyan unconformably overlies Delhis and have been deposited in two separate basins on either side of the Aravallis. In the eastern part these comprise unmetamorphosed, relatively undisturbed, sandstones, limestones and shales. Great Boundary Fault separates them from Aravallis and Archeans.

Intrusives and extrusives: Nepheline syenites are exposed around Kishangarh and are post-Delhi in age. Erinpura Granite is the principal intrusive into the Delhis and is exposed around Ajmer and Mount Abu. Malani Suit of Igneous rocks consisting of rhyolites and pyroclastic material are exposed around Jodhpur and are post-Delhi in age.

4.3 Palaeozoics

In the western part of the state, Marwar Super Group of Lower Palaeozoic age consists of three groups namely Jodhpur group (mainly sandstone & shale), Bilara Group (mainly limestone and dolomite) and Nagaur group (sandstone, siltstone and gypsum). Overlying the Marwar Super Group are the Badhura Formation of Permo-Carboniferous age comprising sandstones and boulders.

4.4 Mesozoics

Mesozoics are exposed mainly in Jaisalmer and Barmer districts. These comprise sandstones and limestones.

4.5 Deccan Traps

Deccan Traps occupy a part of southeastern segment of the state covering parts of Banswara, Baran, Jhalawar and Chittorgarh districts. These overlie pre-Aravallis, Aravallis and Vindhyan. These are basaltic to doleritic in composition and are uniform over a large area.

4.6 Tertiary's

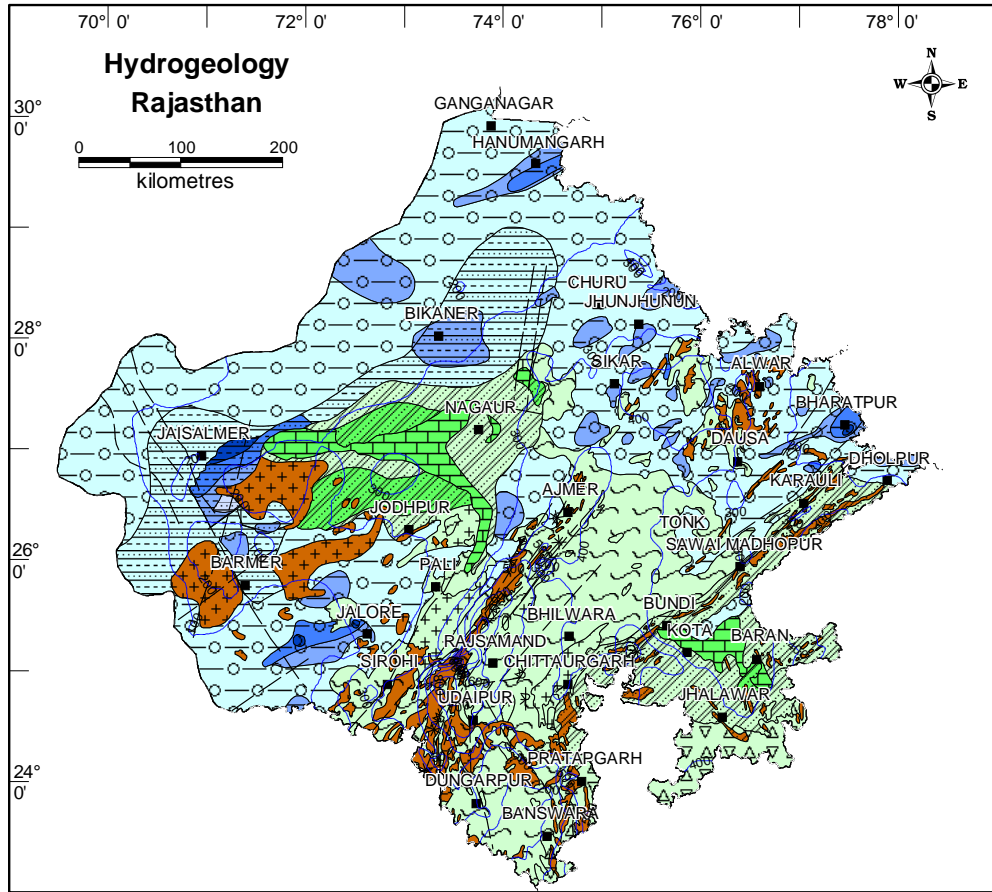
Sandstones, bentonitic clay and Fuller's earth are the Main litho-units and are exposed in Barmer, Bikaner and Jaisalmer districts.

4.7 Recent

This group consists of alluvium, blown sands, kankar and evaporites and is widely spread in the state.

5 HYDROGEOLOGY

The principal source of recharge to ground water in Rajasthan is rainfall. In canal irrigated areas, a part of canal water through seepage from conveyance system and part of water i.e. utilised for irrigation also returns to ground water and contributes to storage. The hydrogeological map of Rajasthan is shown in figure 6.



AGE	FORMATION	LITHOLOGY	AQUIFER DISPOSITION	GROUND WATER POTENTIAL
QUATERNARY	UNCONSOLIDATED	Recent and Older Alluvium: Gravel, Sand, Silt, Calcareous concretions and Lithomargic clay	Fairly thick and discontinuous, regionally extensive, unconfined to confined aquifer down to 330 mbgl	Aquifers with primary intergranular porosity Yield in L.P.S. <div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #000080; margin-bottom: 2px;"></div> > 40 <div style="width: 15px; height: 15px; background-color: #0000FF; margin-bottom: 2px;"></div> 25 - 40 <div style="width: 15px; height: 15px; background-color: #ADD8E6; margin-bottom: 2px;"></div> 10 - 25 <div style="width: 15px; height: 15px; background-color: #ADD8E6; margin-bottom: 2px;"></div> < 10 </div>
CENOZOIC, MESOZOIC	SEMI-CONSOLIDATED	Sandstone, Shale with intercalated Limestone, Siltstone, and Claystone/ Lathi Formation: Sandstone, Shale	Thick discontinuous, unconfined to confined aquifers down to 390 mbgl / Thick discontinuous unconfined to confined Lathi aquifers down to 440 mbgl	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #90EE90; margin-bottom: 2px;"></div> 5 - 25 <div style="width: 15px; height: 15px; background-color: #00FF00; margin-bottom: 2px;"></div> 1 - 25 </div>
CENOZOIC, MESOZOIC	CONSOLIDATED EFFUSIVES	Basalt with or without intertrappean sediments	Discontinuous unconfined to confined aquifers down to 150 mbgl restricted to fractures, vesicular zones and weathered mantle	Aquifers with secondary intergranular porosity and fractures
UPPER PROTEROZOIC TO LOWER PALAEOZOIC	SEDIMENTARIES	Sandstone, Shale	Discontinuous unconfined to confined aquifers down to 375 mbgl	
PROTEROZOIC, LOWER PALAEOZOIC	SEDIMENTARIES & META SEDIMENTARIES	Limestone, Dolomite	Discontinuous unconfined to semiconfined aquifers down to 248 mbgl restricted to caverns, fractures and weathered mantle	
PROTEROZOIC, AZOIC	INTRUSIVES META SEDIMENTARIES & BASAL CRYSTALLINE COMPLEX	Granite, Rhyolite Quartzite, Slate, Phyllite, Schist and Gneiss	Discontinuous unconfined aquifers down to 80 mbgl restricted to weathered mantle and fractures Discontinuous unconfined to semiconfined aquifers down to 150 mbgl restricted to fractures and weathered mantle	Compact formations with meagre Yield <div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 15px; height: 15px; background-color: #FF8C00; margin-bottom: 2px;"></div> < 1 </div>

GEOLOGICAL STRUCTURE		GROUND WATER HYDROGEOLOGY	
	Antiform Upright		Water Table Contour (m.a.msl.)
	Antiform Overturned		Direction of Ground Water Flow
	Synform Upright		
	Synform Overturned		
	Tectonic Zonal Boundary		
	Lineament		

Figure 6: Hydrogeology

For broadly grouping geological formations from ground water occurrence & movement considerations, the various lithological units have been classified into two groups on the basis of their degree of consolidation and related parameters these are:

I Porous formations

- (a) Unconsolidated formations
- (b) Semi-consolidated formations

II Fissured formations

- (a) Consolidated sedimentary rocks
- (b) Igneous and metamorphic rocks
- (c) Volcanic rocks
- (d) Carbonate rocks

5.1 Porous Formations

The Quaternary sediments comprising younger as well as older alluvium are the most important unconsolidated formations due to their wide-spread occurrence. The sediments are composed of clay, silt, sand, gravel and mixture of concretions etc. Sand, gravel and admixture of these form the potential aquifers in northern, eastern, north-eastern, western and south-western parts of the state. The maximum-drilled thickness of alluvium is 543.51 metres below ground level (m bgl) at Anupgarh in Ganganagar district.

The semi-consolidated formations belonging to Palaeozoic, Mesozoic and Cainozoic Groups are composed of siltstone, claystone, sandstone, shale, conglomerate and limestone. Sandstones and limestones form the main aquifers in Jaisalmer, Jodhpur, Barmer and Bikaner districts. Sandstones of Lathi formation are the most potential aquifers in the districts of Jaisalmer, Jodhpur and Barmer.

5.2 Fissured Formations

Fissured formations, as hydrogeological unit, occupy 32% area of the state and can be broadly classified into four units.

Consolidated sedimentary rocks, excluding carbonate rocks, include sandstones and shales. In eastern and south-eastern part of the state these belong to Vindhyan Supergroup whereas in western Rajasthan these belong to the Marwar Supergroup.

Igneous and metamorphic rocks of lower Proterozoic age comprise slate, quartzite, phyllite, schist, gneiss and various crystallines of Bhilwara Supergroup. These are mostly found in the districts of Banswara, Dungarpur, Udaipur, Chittorgarh, Bhilwara, Tonk, Jaipur, Alwar and Jhunjhunu in eastern Rajasthan and Nagaur, Churu, Barmer, Jaisalmer, Pali, Jalore, Sirohi and Jodhpur districts in western Rajasthan.

Volcanic rocks include Deccan Trap Lava Flows and occur in parts of Barmer, Jhalawar, Chittorgarh and Banswara districts. These are basaltic to doleritic in composition. Occurrence and movement of ground water in these formation is controlled by the presence of vesicles, extent of weathering, jointing and fracture pattern.

Carbonate rocks include limestone, marble and dolomite of Proterozoic and Upper Palaeozoic to Mesozoic age and occupy parts of Kota, Bundi, Jaipur, Sawai Madhopur and

Alwar districts on the eastern side of Aravallis and parts of Nagaur, Bikaner, Jaisalmer and Jodhpur districts in western Rajasthan.

6 GROUND WATER REGIME MONITORING

Ground water monitoring is carried out mostly through a network of observation open wells all over the state. A few purpose-built stations (piezometers) have also been installed. These wells serve as permanent hydrograph network stations. The network of observation station is being improved by construction of new purpose-built piezometers. This will provide a better scientific environ, represent the true state of water levels and an even distribution of observation stations in the state.

At present the National Hydrograph Network Stations are being monitored four times a year simultaneously throughout the state on the under-mentioned dates:

<i>May</i>	<i>20th to 30th of the month - Represent water level of Pre-monsoon period</i>
<i>August</i>	<i>20th to 30th of the month - Represent peak water level of Monsoon period</i>
<i>November</i>	<i>1st to 10th of the month - Represent water level of Post-monsoon period</i>
<i>January</i>	<i>1st to 10th of the month - Represent water level during irrigation period</i>

Water sample are collected from each of the network station during May (Pre-monsoon) every year to evaluate the changes in quality regime of ground water.

6.1 Distribution of the National Hydrograph Stations

A total of 1265 stations were monitored in the entire state. Arrangements for selection of alternative sites in place of dried up dug wells and cleaning & rehabilitation of piezometers that have been damaged due to tempering by ignorance are being made. Out of 1265 NHS, open dug-wells were 709 and piezometers 556 are being monitored. The district-wise distribution of hydrograph stations is in Table 1.

For computation of unit area per NHS, the effective area is arrived at by subtracting the forest and hill area from total geographical area. Thus on an average one NHS represents 271 sq km. The density of the stations is considered to be low. The net-work is therefore under redesigning and alternative new stations shall be set-up within few year timeframe to bring the net-work to a near optimal level.

In all there are 15 main river basins in the state. The distribution of NHS (Basin-wise) and percentage of NHS is shown in figure-7 and Table 4. The correlation between percentage geographical area of river basin and percentage of NHS in each basin closely match except in the zone of inland drainage. This is because of the fact that the districts of western Rajasthan viz. Barmer, Bikaner, Jaisalmer, Nagaur and Churu occupying 35 % of the total geographical area are thinly populated. Hence the population of ground water structures is also less as compared to other parts.

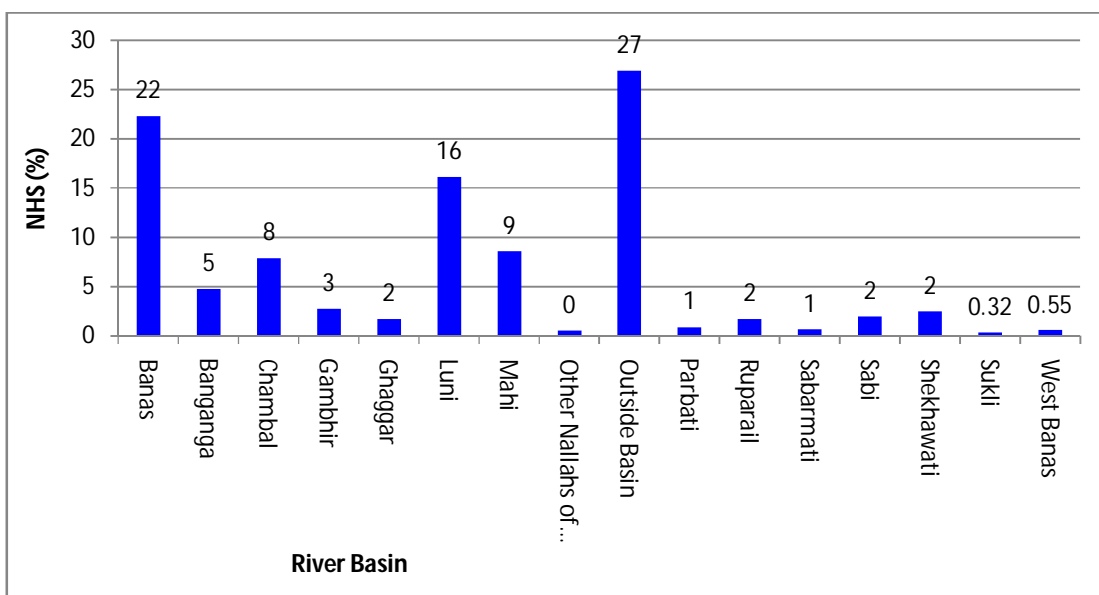


Figure 7A: Basin-wise distribution of Monitoring Wells

The break-up of NHS and basin area of each river basin is shown in table 4.

Table 4: Distribution and Density of NHS (monitored) in River Basins

River Basin	Area in sq km	Area (%)	No. of NHS	% of NHS	Density sq km/ NHS
Banas	47060	14	282	22	167
Banganga	8583	3	60	5	143
Chambal	31243	9	100	8	312
Gambhir	4694	1	35	3	134
Ghaggar	5202	2	22	2	236
Luni	69302	20	204	16	340
Mahi	16611	5	108	9	154
Other Nallahs of Jalore	1900	1	6	0	317
Outside Basin	130497	38	340	27	384
Parbati	1887	1	11	1	172
Ruparail	4034	1	22	2	183
Sabarmati	4130	1	8	1	516
Sabi	4524	1	25	2	181
Shekhawati	9751	3	31	2	315
Sukli	990	0	4	0.32	248
West Banas	1831	1	7	0.55	262
Total	342239	100	1265	100	271

The distribution of NHS in the state in major hydrogeological units is given in Table-5 and figure 7B.

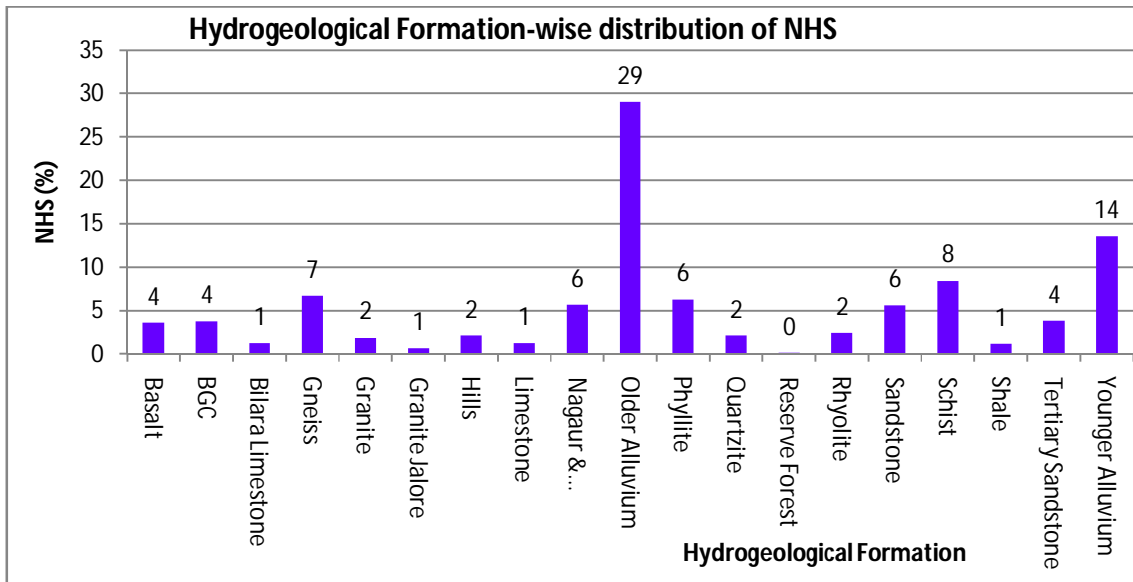


Figure 7B: Aquifer-wise distribution of Monitoring Wells

Table 5: Distribution of Hydrograph Network Stations in Different Hydrogeological Units

Aquifer	Area		NHS		Density
	Sq. km	%	No.	%	Sq.km/ Station
Basalt	8994	3	46	4	196
BGC	8347	2	48	4	174
Bilara Limestone	9117	3	16	1	570
Gneiss	13813	4	85	7	163
Granite	11300	3	24	2	471
Granite Jalore	1856	1	9	1	206
Hills	14092	4	27	2	522
Limestone	4147	1	16	1	259
Nagaur & Jodhpur Sandstone	21957	6	72	6	305
Older Alluvium	95276	28	368	29	259
Phyllite	13983	4	80	6	175
Quartzite	5009	1	27	2	186
Reserve Forest	1396	0	2	0	698
Rhyolite	6691	2	31	2	216
Sandstone	28223	8	71	6	398
Schist	21494	6	107	8	201
Shale	4585	1	15	1	306
Tertiary Sandstone	24269	7	49	4	495
Younger Alluvium	47690	14	172	14	277
Total	342239	100	1265	100	320

Out of 1,265 NHS, 43% are in unconsolidated formation of Quaternary age and 12% in semi-consolidated formations of Tertiary and Upper Palaeozoic age. The consolidated formations have 45% of the total NHS.

6.2 Analysis of data

The water levels reflect the cumulative effect on ground water regime as a consequence of natural recharge - discharge conditions and artificial draft. Where the draft exceeds the recharge, its manifestation is reflected in the decline of water levels. The hydrograph clearly shows the period of recharge and discharge.

Water level data, collected four times a year, is subjected to analysis for bringing out changes in water levels i.e. rise/fall and trend in the water levels.

7 GROUND WATER SCENARIO

Systematic and regular monitoring of ground water levels brings out the changes taking place in the groundwater regime. The maps so generated are of immense help for regional groundwater flow modelling which serves as a groundwater management tool to provide the necessary advance information to the user agencies to prepare contingency plans in case of unfavourable groundwater recharge situation. The data also has immense utility in deciding the legal issues arising out of conflicting interests of groundwater users.

Water level data of the NHS collected during the year 2018 – 2019 has been utilized to prepare various maps showing depth to water level and fluctuation of water level. Depth to water level maps is useful in dealing with problems of water logging and artificial recharge, where the relative position of water level with reference to the ground surface is of critical importance. Water level fluctuation maps (rise or fall) are indispensable for estimation of change in storage in the aquifer.

The water level data of open wells and piezometers are presented in the Appendix I.

The data is analysed for each set of measurement, and report prepared which include following maps to understand the groundwater regime in the State.

- Depth to water level maps
- Seasonal fluctuation maps- water level fluctuation in comparison to pre-monsoon.
- Annul fluctuation maps - water level fluctuation in comparison to same month in the previous year.
- Decadal fluctuation maps - water level fluctuation in the month of measurement with reference to the decadal average for the same month.

7.1 Depth to Water Level (Unconfined Aquifer)

To understand water level behaviour of the NHS stations among various categories during each monitoring period, data were analyzed and depicted in Fig. 8 & Annex 1 to IV.

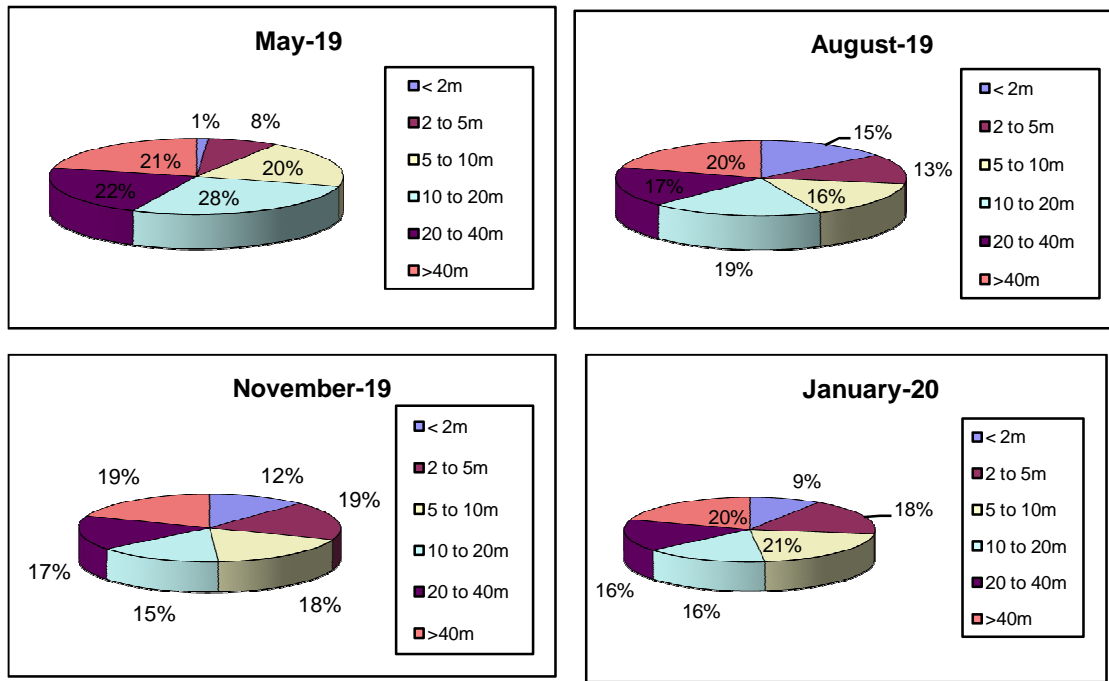


Figure 8: Distribution of Wells among Different Categories of Water Levels (2019-20)

7.1.1 May 2019

Out of 1265 monitoring stations, 1023 stations were analyzed during pre-monsoon, 2019. A perusal of Fig-9 shows variation in ground water level during pre-monsoon. Depth to water level varies from 0.52 mbgl (Ratanpura, Hanumangarh district) to 128.15 mbgl (Deshnokh, Bikaner district).

Water level more than 40 mbgl was monitored at 21.8% stations and spread from north west to western and upper central parts covering mostly Jhunjhunu, Sikar, Nagaur, Jaipur, Jodhpur, Churu, Jalore & Alwar districts and isolated patches in Barmer, Bikaner, Jaisalmer & Dausa districts.

Depth to water level between 20 to 40 mbgl was recorded in 21.3% monitoring stations, stretching from north east to western part of the State, covering major parts of Alwar, Nagaur, Churu, Jaisalmer, Hanumangarh, Dausa & Barmer districts and isolated locations in Dholpur, Karauli, Sirohi, Bikaner, Bhilwara, Jalore, Chittorgarh & Jaipur districts.

Depth to water level between 10 & 20 mbgl was recorded in 27.6% stations falling mostly in Sirohi, Sawai Madhopur, Rajsamand, Bhilwara, Gangangar, Chittorgarh, Dausa, Ajmer, Bharatpur, Pratapgarh, Dungarpur & Pali districts and at isolated locations in Jhalawar, Bikaner, Dholpur, Karauli, Hanumangarh, Bundi, Udaipur, Kota & Tonk districts.

Depth to water level ranging from 5 to 10 mbgl was recorded at 20.3% stations in falling in south & south eastern part of the state and spread in large patches in Banswara, Jhalawar,

Baran, Tonk, Udaipur, Pali, Rajsamand, Pratapgarh, Sawai Madhopur & Ajmer districts as well as at isolated patches in Dungarpur, Kota, Ganganagar & Bundi districts.

Water level ranging between 2 & 5 mbgl was observed at 7.7% stations spread over south, south east, northern part of State falling in Bundi, Baran, Karauli & Udaipur districts and isolated patches in Dungarpur, Pratapgarh, Kota, Banswara & Ajmer districts.

Shallow water level i.e. less than 2 mbgl have been observed at 1.3% stations at isolated locations falling in Bundi, Kota & Chittorgarh districts. In 22 districts water level was more than 2m.

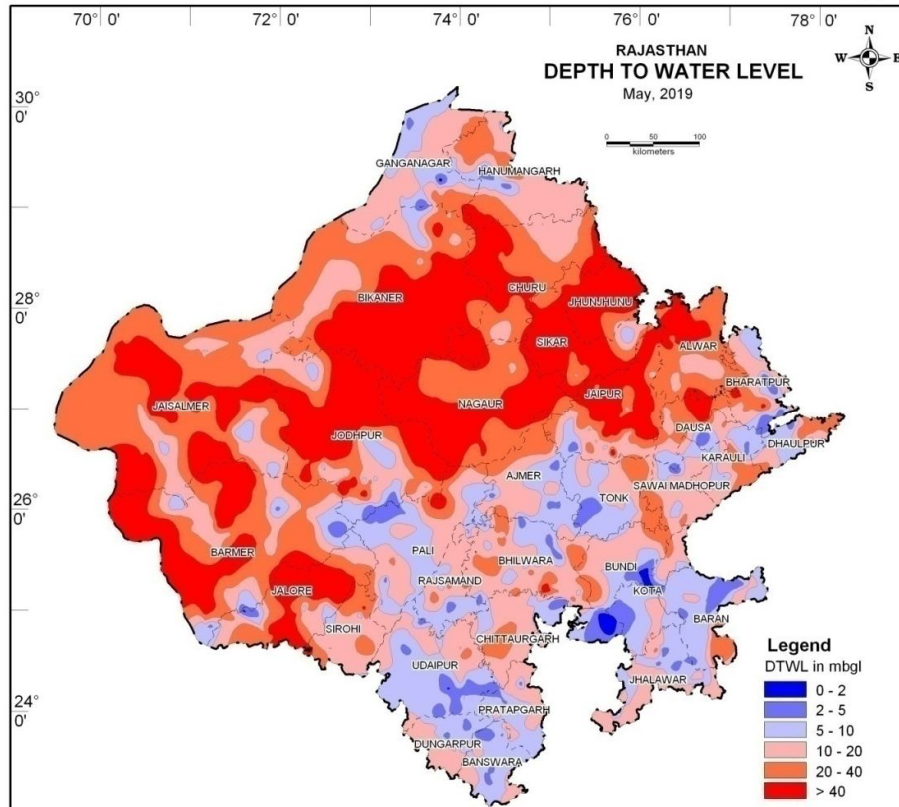


Figure 9: Depth to Water Level (May 2019)

7.1.2 August 2019

Out of 1265 monitoring stations, 1077 stations were analyzed for August, 2019. A perusal of Fig-10 shows variation in ground water level. Depth to water level varies from 0.03 mbgl (Gajwara, Jhalawar district) to 139.50 mbgl (Bhiyasar, Dayakor & Kalau, Jodhpur district).

Water level more than 40 mbgl was monitored at 20.43% stations and spread from north east to western and upper central parts covering mostly Jhunjhunu, Sikar, Nagaur, Jodhpur, Jaipur, Jalore & Alwar districts and isolated patches in Churu, Bikaner, Jaisalmer, Barmer & Dausa districts.

Depth to water level between 20 to 40 mbgl was recorded in 17.18% monitoring stations, stretching from north east to western part of the State, covering major parts of Alwar,

Churu, Hanumangarh, Jaisalmer, Nagaur & Barmer districts and isolated locations in Bikaner, Jalore, Dholpur, Dausa, Sirohi & Sikar districts.

Depth to water level between 10 & 20 mbgl was recorded in 19.03% stations falling mostly in Bhilwra, Karauli, Gangangar, Dausa, Ajmer, Hanumangarh, Bikaner, Barmer, Bharatpur & Dholpur districts and at isolated locations in Sirohi, Sawai Madhopur, Churu, Nagaur, Rajsamand, Jodhpur & Jaisalmer districts.

Depth to water level ranging from 5 to 10 mbgl was recorded at 15.88% stations in falling in south & south eastern part of the state and spread in large patches in Sawai Madhopur, Chittorgarh, Ganganagar, Ajmer Bharatpur, Sirohi, Pali & Dholpur districts as well as at isolated patches in Jaipur, Rajsamand, Udaipur, Karauli, Dausa & Bhilwara districts.

Water level ranging between 2 & 5 mbgl was observed at 13% stations spread over south, south east, northern part of State falling in Tonk, Udaipur, Pali, Rajsamand, Baran, Jhalawar, Pratapgarh & Dungarpur districts and isolated patches in Ajmer, Sirohi, Sawai Madhopur & Bhilwara districts.

Shallow water level i.e. less than 2 mbgl have been observed at 14.48% stations mostly falling in Bundi, Kota, Pratapgarh, Banswara, Jhalawar, Baran, Dungarpur & Udaipur districts and at isolated locations in Tonk, Rajsamand, Sawai Madhopur, Karauli, Chittorgarh, Dholpur & Pali districts.

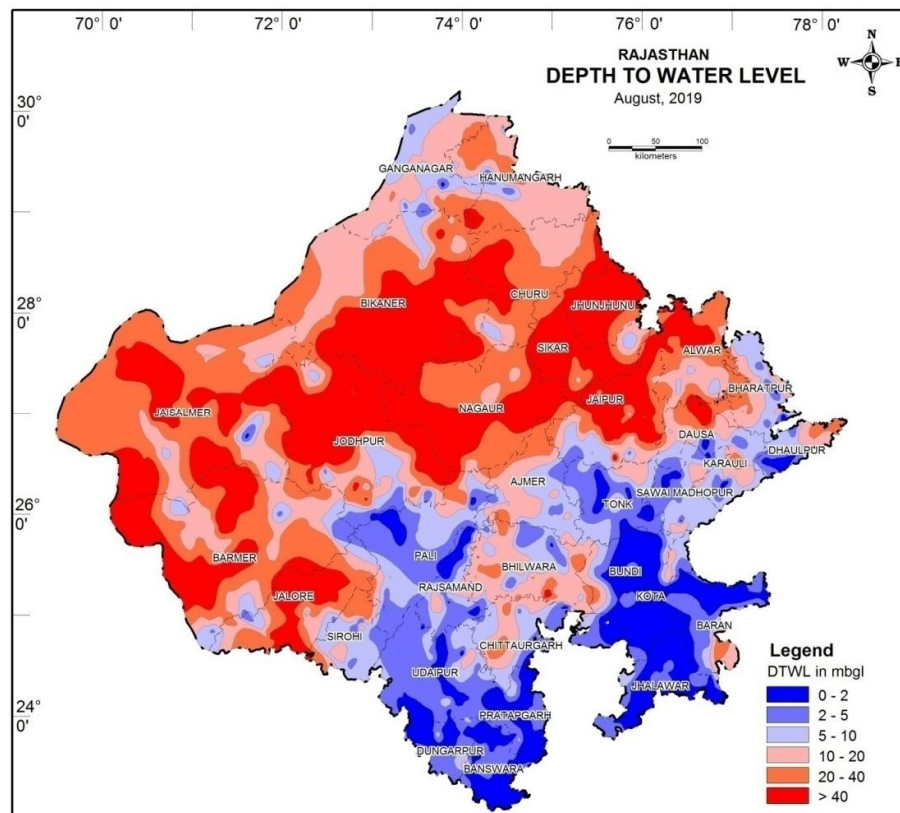


Figure 10: Depth to Water Level (August 2019)

7.1.3 November 2019

Out of 1265 monitoring stations, 1095 stations were analyzed for November, 2019. Figure-11 shows variation in ground water level. Depth to water level varies from 0.01 mbgl (Roopwas, Bharatpur & Beechiwara, Dungarpur district) to 121.30 mbgl (Borunda, Jodhpur district).

Water level more than 40 mbgl was monitored at 19.27% stations and spread from north east to western and upper central parts covering mostly Jhunjhunu, Sikar, Nagaur, Jodhpur, Jalore, Churu, Bikaner & Alwar districts and isolated patches in Barmer Jaisalmer & Dausa districts.

Depth to water level between 20 to 40 mbgl was recorded in 16.44% monitoring stations, stretching from north east to western part of the State, covering major parts of Alwar, Churu, Jaisalmer, Nagaur, Hanumangarh, Barmer & Dausa districts and isolated locations in Bikaner, Dholpur, Jalore, Bharatpur, Sikar & Jaipur districts.

Depth to water level between 10 & 20 mbgl was recorded in 15.34% stations falling mostly in Karauli, Gangangar, Dausa, Hanumangarh, Bikaner, Bharatpur, Barmer, Dholpur districts and at isolated locations in Jaisalmer, Sawai Madhopur, Jodhpur, Jalore, Churu, Nagaur, Alwar & Tonk districts.

Depth to water level ranging from 5 to 10 mbgl was recorded at 18.26% stations in falling in south & south eastern part of the state and spread in large patches in Sawai Madhopur, Sirohi, Ganganagar, Bhilwara, Pali, Rajsmand, Bharatpur, Chittorgarh & Ajmer districts as well as at isolated patches in Jaipur, Tonk, Dausa, Dholpur, Bundi, Udaipur & Karauli districts.

Water level ranging between 2 & 5 mbgl was observed at 18.63% stations spread over south, south east, northern part of State falling in Pratapgarh, Ajmer, Banswara, Baran, Kota, Rajsmand, Pali, Jhalawar, Udaipur, Dungarpur, Tonk, Dholpur, Chittorgarh, Bhilwara & Sawai Madhopur districts and isolated patches in Sirohi, Bharatpur & Karauli districts.

Shallow water level i.e. less than 2 mbgl have been observed at 12.05% stations mostly falling in Bundi, Dungarpur, Baran, Tonk, Jhalawar, Chittorgarh & Kota districts and at isolated locations in Bhilwara, Pratapgarh & Karauli districts.

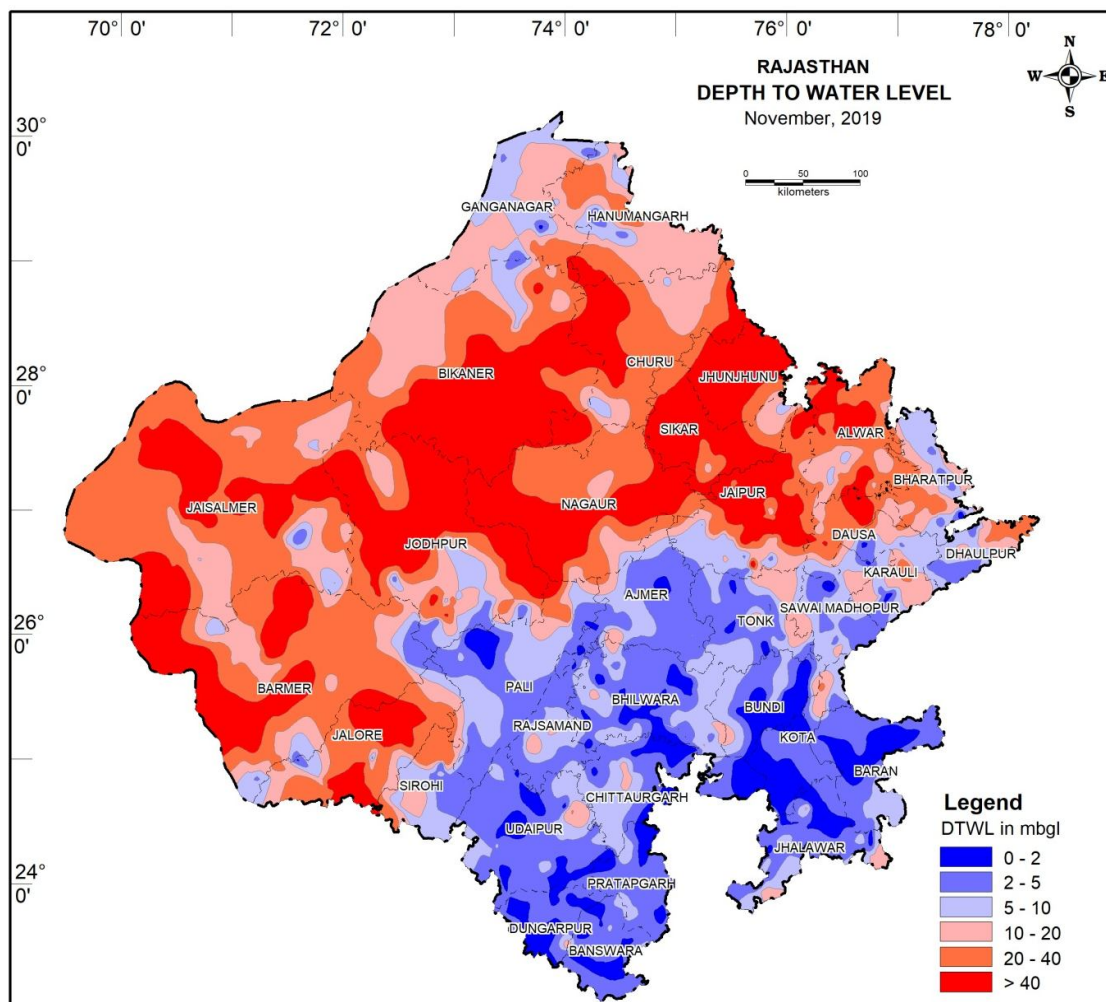


Figure 11: Depth to Water Level (November 2019)

7.1.4 January 2020

Out of 1265 monitoring stations, 1080 stations were analyzed for January 2020. Figure-12 shows variation in ground water level. Depth to water level varies from 0.04 mbgl (Ganora, Banswara district) to 140.50 mbgl (Ranisar, Jodhpur district).

Water level more than 40 mbgl was monitored at 20.19% stations and spread from north east to western and upper central parts covering mostly Jhunjhunu, Sikar, Jalore, Jodhpur, Nagaur, Alwar, Bikaner, Churu, & Barmer districts and isolated patches in Jaisalmer & Dausa districts.

Depth to water level between 20 to 40 mbgl was recorded in 15.93% monitoring stations, stretching from north east to western part of the State, covering major parts of Alwar, Nagaur, Churu, Jaisalmer, Hanumangarh & Bikaner districts and at isolated locations in Barmer, Dholpur, Jalore, Sikar, Dausa, Bharatpur, Jodhpur & Jaipur districts.

Depth to water level between 10 & 20 mbgl was recorded in 15.83% stations falling mostly in Karauli, Dausa, Ganganagar, Bikaner, Hanumangarh, Barmer & Dholpur districts and at

isolated locations in Sirohi, Chittorgarh, Bharatpur, Nagaur, Jaisalmer, Jodhpur and Sawai Madhopur districts.

Depth to water level ranging from 5 to 10 mbgl was recorded at 18.26% stations in falling in south & south eastern part of the state and spread in large patches in Sawai Madhopur, Sirohi, Ganganagar, Bhilwara, Pali, Rajsamand, Bharatpur, Chittorgarh & Ajmer districts as well as at isolated patches in Jaipur, Tonk, Dausa, Dholpur, Bundi, Udaipur & Karauli districts.

Water level ranging between 2 & 5 mbgl was observed at 20.74% stations spread over south, south east, northern part of State falling in Sirohi, Sawai Madhopur, Pali, Chhittorgarh, Bharatpur, Pratapgarh, Bhilwara, Ganganganr, Dholpur & Ajmer districts and isolated patches in Rajsamand, Banswara, Udaipur, Jhalawar, Tonk, Bundi, Dungarpur & Baran districts.

Shallow water level i.e. less than 2 mbgl have been observed at 9.17% stations mostly falling in Bundi, Udaipur, Banswara, Rajsamand, Kota & Bhilwara districts and at isolated locations in Pratapgarh, Tonk, Jhalawar, Karauli, Chittorgarh & Sawai Madhopur districts.

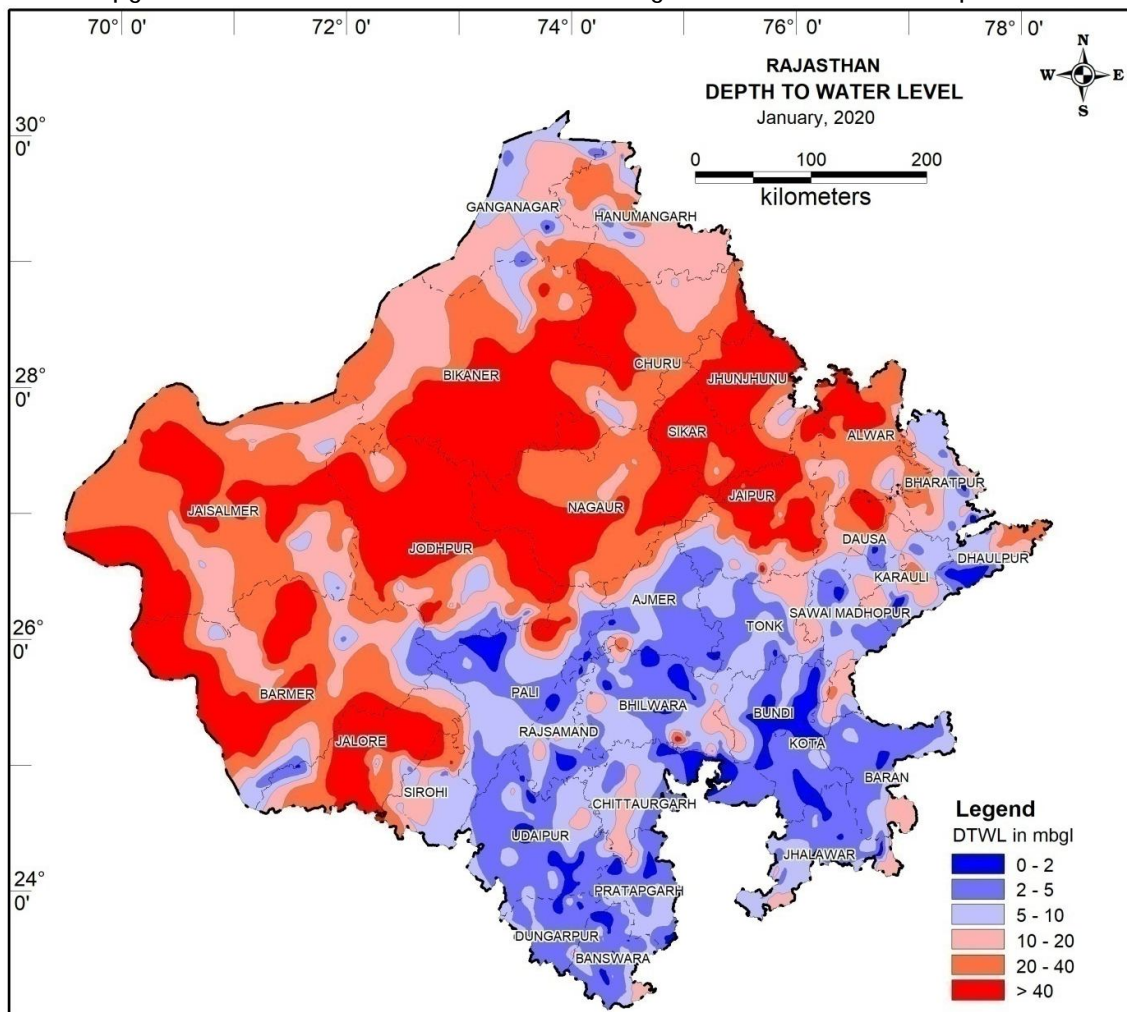


Figure 12: Depth to Water Level (January 2020)

7.2 Seasonal Water Level Fluctuation

To study effect of monsoon on the groundwater regime and subsequent utilisation of groundwater for various needs like agriculture, irrigation, Domestic etc., changes in depth to water levels with respect to pre-monsoon period were analyzed. The change in groundwater over different periods is presented graphically in Figure 13 and Annexure V to VIII.

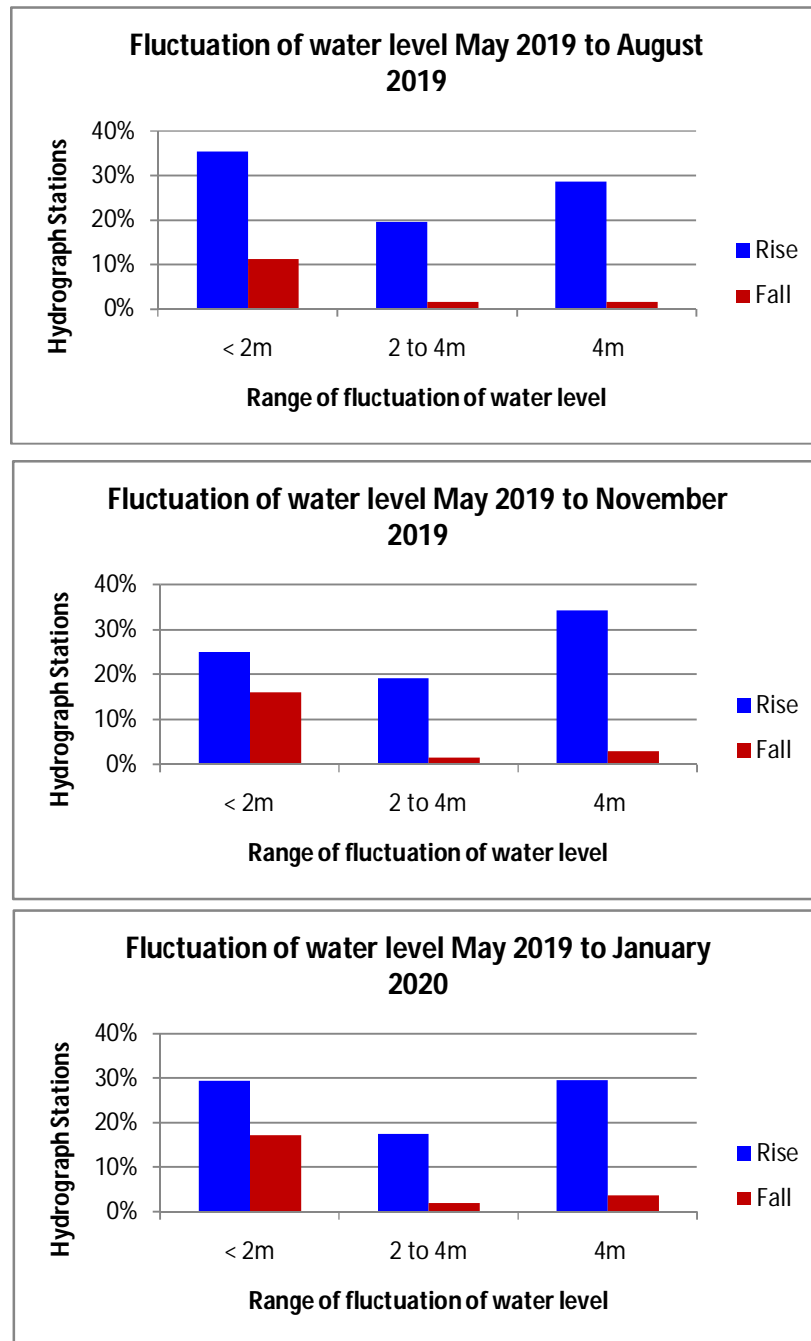


Figure 13: Seasonal Fluctuation of Water Level (2019-2020)

7.2.1 May 2019 to August 2019

Total number of wells analysed are 982. A perusal of map (Fig-14) shows fluctuation with pre-monsoon period i.e. May, 2018 to August, 2018. Water level analysis reveals that 83.60% stations shows rise, 14.36% decline and 2.04% station shows no change. Rise in water level is confined to south & south-central part and isolated locations in northern, western and west central parts of the State. Minimum & maximum rise was recorded at 0.01m (Harisinghpura, Ganganagar district) and 42.90m (Rajwas, Jodhpur district).

Rise in water level <2m was observed in 35.30% stations falling mostly in Ajmer Churu, Jaisalmer, Ganganagar, Bharatpur, Bikaner, Bhilwara, Hanumangarh, Sikar, Barmer, Jodhpur, Alwar, Chittorgarh, Dholpur, Jhunjhunu & Nagaur districts and at isolated locations in Sawai Madhopur, Bundi, Jalore, Karauli, Pali, Kota, Udaipur, Jaipur & Tonk districts.

Rise in water level between 2 & 4m was observed in 19.60% stations mostly in Dausa, Baran, Chittorgarh, Karauli, Bhilwara, Bharatpur, Alwar, Pali, Banswara & Jaipur districts and scattered in Sawai Mdhopur, Dungarpur, Sikar, Ajmer, Tonk & Nagaur districts.

Rise in water level more than 4m has been recorded at 28.70% stations mostly falling in Pratapgarh, Rajsamand, Jhalawar, Sirohi, Kota, Banswara, Dungarpur, Udaipur, Bundi, Dholpur, Tonk, Baran, Sawai Madhopur, Jaipur & Pali districts and scattered in Alwar, Dausa, Chittorgarh, Nagaur, Karauli, Bikaner, Bhilwara & Jodhpur districts.

About 14.36% stations spread in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Tanot, Jaisalmer district) and 13.90m (Asanda, Jodhpur district) respectively.

Decline in water level <2m was recorded in 11.20% stations falling mostly in Jalore, Hanumagarh, Barmer, Jodhpur & Jhunjhunu districts and at isolated locations in Nagaur, Bikaner, Sikar, Jaisalmer & Ganganagar districts.

Water level decline between 2 & 4m was recorded at 1.60% stations scattered in Jhunjhunu, Hanumangarh, Tonk & Jalore districts.

Water level decline >4m was shown by 1.50% stations at scattered locations in Jhunjhunu, Dholpur & Karauli districts.

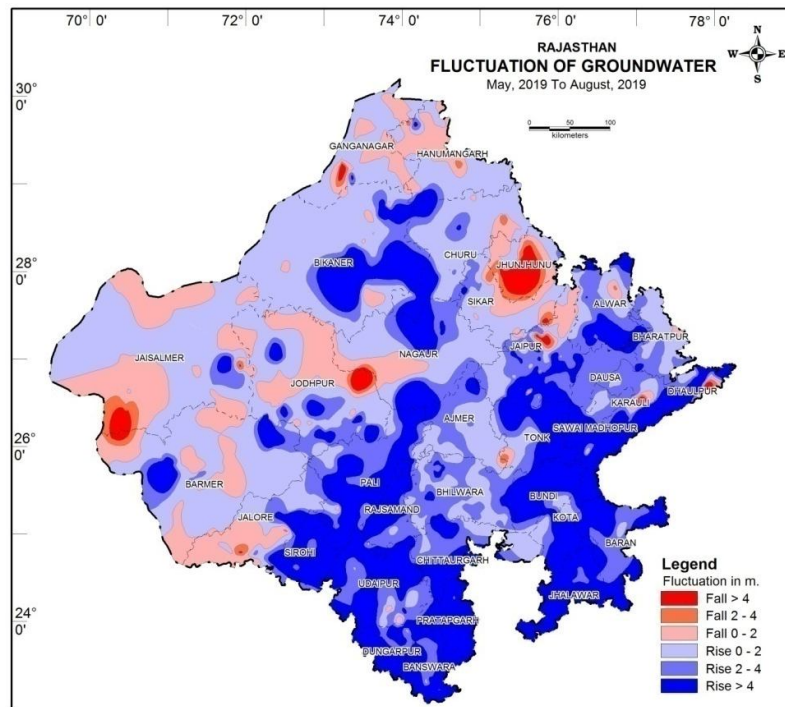


Figure 14: Water Level Fluctuation – May 2019 to August 2019

7.2.2 May 2019 to November 2019

Total number of wells analysed are 978. A perusal of map (Fig-15) shows fluctuation with pre-monsoon period i.e. May, 2018 to November, 2018. Water level analysis reveals that 78.77% stations shows rise, 20.73% decline and 0.49% station shows no change. Rise in water level is confined to south & south-central part and isolated locations in northern, western and west central parts of the State. Minimum & maximum rise was recorded at 0.03m (Padampura, Jaipur district) and 32m (Ramnagar, Bhilwara district).

Rise in water level <2m was observed in 25.10% stations falling mostly in Ajmer, Churu, Jaisalmer, Ganganagar, Bharatpur, Bikaner, Bhilwara, Hanumangarh, Sikar, Barmer, Jodhpur, Alwar, Chittorgarh, Dholpur, Jhunjhunu & Nagaur districts and at isolated locations in Sawai Madhopur, Bundi, Jalore, Karauli, Pali, Kota, Udaipur, Jaipur & Tonk districts.

Rise in water level between 2 & 4m was observed in 19.20% stations mostly in Dausa, Baran, Chittorgarh, Karauli, Bhilwara, Bharatpur, Alwar, Pali, Banswara & Jaipur districts and scattered in Sawai Mdhopur, Dungarpur, Sikar, Ajmer, Tonk, Nagaur, Jhalawar & Udaipur districts.

Rise in water level more than 4m has been recorded at 34.50% stations mostly falling in Pratapgarh, Rajsamand, Jhalawar, Sirohi, Kota, Banswara, Dungarpur, Udaipur, Bundi, Dholpur, Tonk, Baran, Sawai Madhopur, Jaipur & Pali districts and scattered in Alwar, Dausa, Chittorgarh, Nagaur, Karauli, Bikaner, Bhilwara & Jodhpur districts.

About 20.73% stations spread in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Morkhana Agoona, Bikaner district) and 15.66m (Tatarsar, Gangangar district) respectively.

Decline in water level <2m was recorded in 16.20% stations falling mostly in Jalore, Hanumagarh, Barmer, Jodhpur, Jhunjhunu & Nagaur districts and at isolated locations in Bikaner, Sikar, Jaisalmer & Ganganagar disticts.

Water level decline between 2 & 4m was recorded at 1.50% stations scattered in Jhunjhunu, Hanumangarh, Tonk & Jalore districts.

Water level decline >4m was shown by 3% stations at scattered locations in Jhunjhunu, Dholpur & Karauli districts.

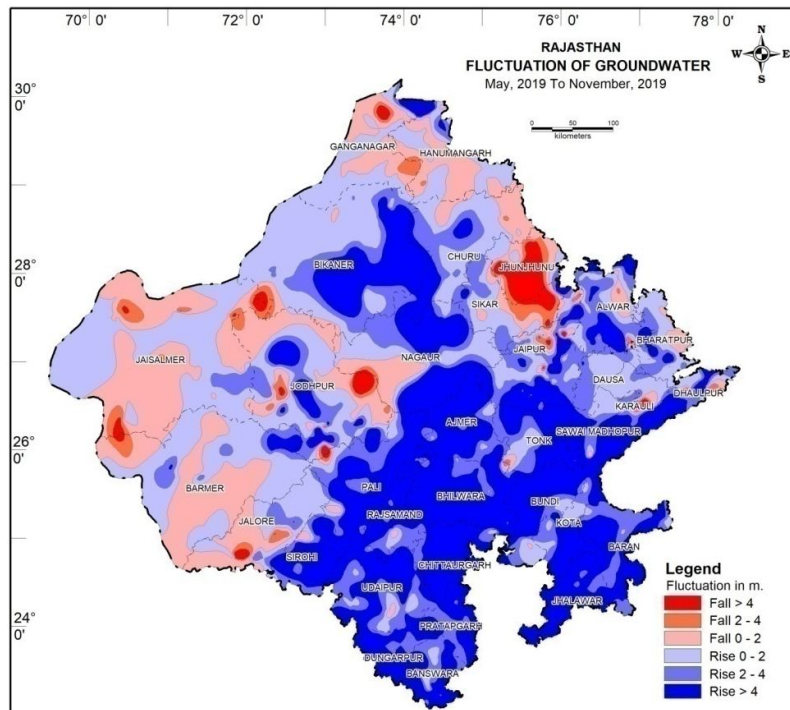


Figure 15: Water Level Fluctuation – May 2019 to November 2019

7.2.3 May 2019 to January 2020

Total number of wells analysed are 967. A perusal of map (Fig-16) represents fluctuation with pre-monsoon period i.e. May, 2018 to January 2019. Water level analysis reveals that 76.53% stations shows rise, 22.65% decline and 0.83% station shows no change. Rise in water level is confined to south & south-central part and isolated locations in northern, western and west central parts of the State. Minimum & maximum rise was recorded at 0.03m (Kheerwa, Jaipur and Karanpur, Gangangar district) and 31.95m (Sop, Tonk district).

Rise in water level <2m was observed in 29.40% stations falling mostly in Churu, Bikaner, Karauli, Bharatpur, Sikar, Ganganagar, Baran, Dholpur, Jaisalmer, Jodhpur, Alwar, Dausa, Barmer & Hanumangarh districts and at isolated locations in Bundi, Jaipur, Jhunjhunu, Pali, Sawai Madhopur, Jalore, Pratapgarh, Udaipur & Kota districts.

Rise in water level between 2 & 4m was observed in 17.50% stations mostly in Dausa, Banswara, Sirohi, Sawai Madhopur, Jhalawar, Pal & Tonk districts and scattered in Nagaur, Baran, Pratapgarh, Kota, Alwar, Dungarpur, Bharatpur, Sikar & Udaipur districts.

Rise in water level more than 4m has been recorded at 29.70% stations mostly falling in Rajsamand, Bhilwara, Chittorgarh, Ajmer, Dungarpur, Jhalawar, Tonk, Sirohi, Udaipur, Pratapgarh, Dholpur, Bundi, Pali, Banswara, Baran & Kota districts and scattered in Nagaur, Sawai Madhopur, Karauli, Alwar, Jaipur, Jodhpur & Bikaner districts.

About 22.65% stations spread in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Rawatsar, Hanumangarh and Narsighpur, Gangangar district) and 24.15m (Asanda, Jodhpur district) respectively.

Decline in water level <2m was recorded in 17.10% stations falling mostly in Hanumagarh, Jalore, Barmer, Jaisalmer, Ganganagar & Nagaur districts and at isolated locations in Jhunjhunu, Jodhpur, Bharatpur, Jaipur & Bikaner districts.

Water level decline between 2 & 4m was recorded at 2% stations scattered in Jhunjhunu & Sikar districts.

Water level decline >4m was shown by 3.60% stations at scattered locations in Jhunjhunu, Jalore, Jodhpur & Jaisalmer districts.

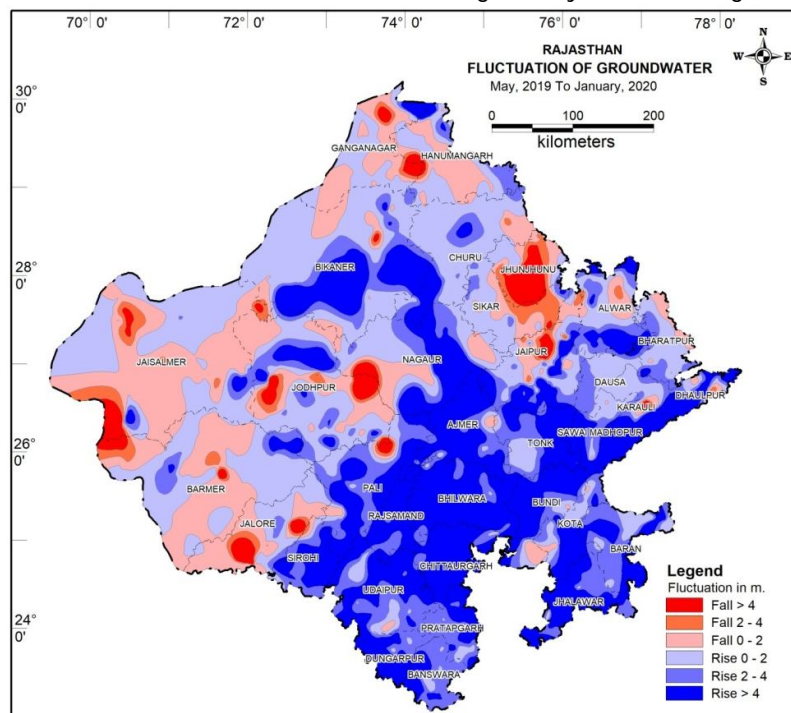


Figure 16: Water Level Fluctuation – May 2019 to January 2020

7.3 Annual Water Level Fluctuation

Annual Fluctuation in the water levels of the NHS stations during different monitoring periods were analysed graphically and depicted in Figure 17 and Annexure IX to XII shows that mostly fall is dominant over the rise in all annual periods.

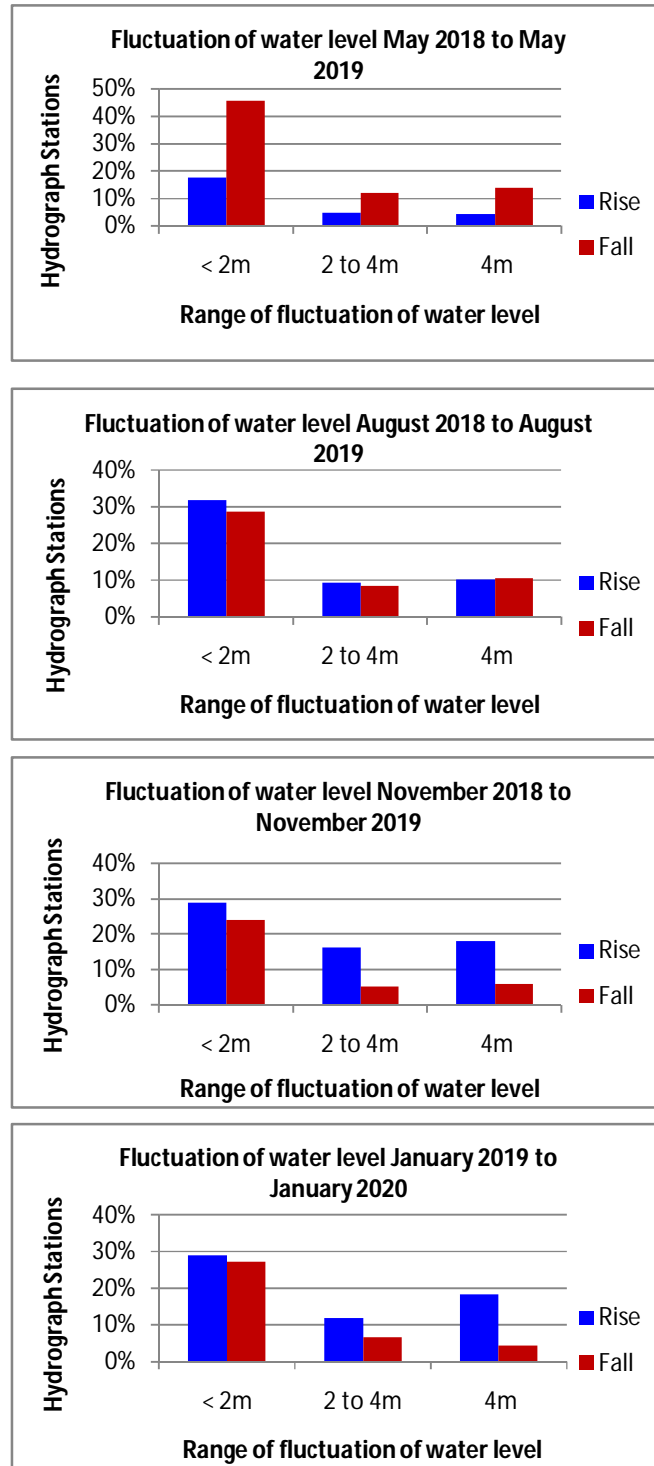


Figure 17: Annual Fluctuation in the water levels - different monitoring periods

7.3.1 May 2018 to May 2019

Total number of wells analysed are 889. A perusal of map (Fig-18) of annual water level fluctuation from May, 2018 to May, 2019 reveals that 27.10% stations shown rise, 71.60% decline & 1.30% stations shows no change in water level. Rise is scattered from south east to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded 0.01m (Jagatsinghpura & Narsinghpur in Ganganagar & Lanela in Jaisalmer district) and 14.50m (Deeppura PZ Deep, Karauli district).

Rise in water level <2m in 17.90% stations was observed falling mostly in Ganganagar, Dholpur & Ajmer districts and and at isolated locations in all the remaining districts except Jalore, Sirohi & Tonk district.

Water level rise between 2 & 4m was shown by 4.80% stations scattered in isolated patches only in Jhunjhunu, Sawai Madhopur, Bharatpur, Karauli, Bhilwara, Pratapgarh & Tonk districts.

Rise of more than 4m has been recorded at 4.40% stations falling scattered at isolated locations in Dholpur, Karauli, Jhunjhunu, Sikar & Bhilwara districts.

About 71.60% stations scattered in all the districts, mostly in north-eastern, south, south western, north & north central parts, shows decline in water level during this period. Minimum & maximum decline was recorded at 0.01m (Kushalgarh PZ, Banswara district; Muklawa, Ganganagar; Munsari, Hanumagarh & Kuria, Jaisalmer districts) and 25.17m (Rajwas, Jodhpur district).

Decline in water level <2m was recorded in 45.70% stations falling mostly in Dungarpur, Banswara, Rajsamand, Hanumangarh, Bundi, Udaipur, Ganganagar, Churu, Jalore, Barmer, Baran, Dausa, Pratapgarh, Jaisalmer, Bikaner, Pali, Karauli, Chittorgarh, Ajmer & Jaipur districts and and at isolated locations in all the remaining districts.

Decline in water level between 2 & 4m was recorded at 12% stations mostly in Sikar, Alwar, Pali & Tonk districts and at isolated locations in Kota, Sirohi, Nagaur, Jalore, Jhalwar, Jaipur Baran & Chittorgarh districts.

Water level decline >4m was exhibited by 13.90% stations mostly in Jhalwar, Sirohi, Tonk, Alwar, Kota & Nagaur districts and at isolated locations in Jodhpur, Pali, Jalore, Dholpur, Bunfi, Jaipur & Chittorgarh districts.

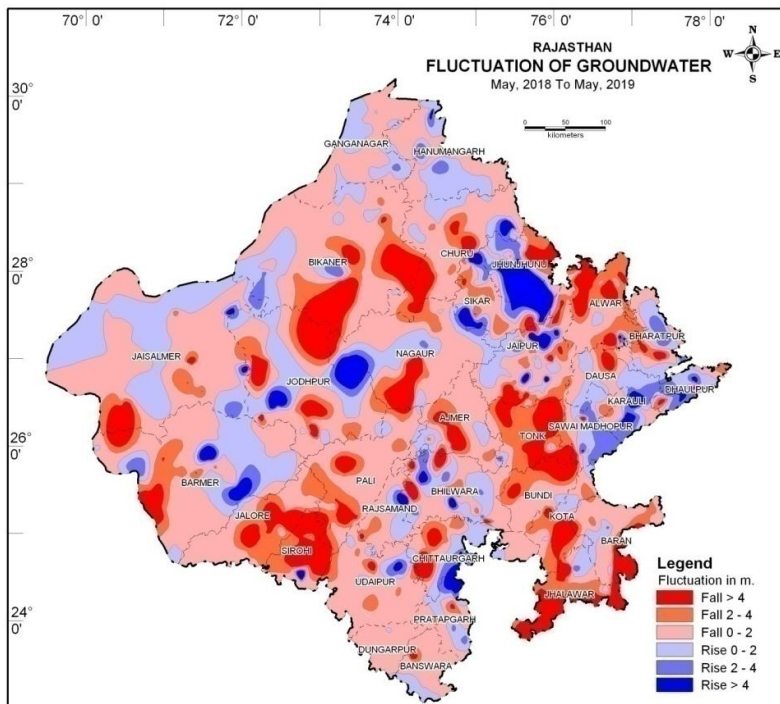


Figure 18: Annual Water Level Fluctuation May 2018 to May 2019

7.3.2 August 2018 to August 2019

Total number of wells analysed are 942. A perusal of map (Fig-19) of annual water level fluctuation from August, 2018 to August, 2019 reveals that 50.96% stations shown rise, 47.35% decline & 1.70% stations shows no change in water level. Rise is scattered from south east to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded 0.03m (Borigaon & Chhinch, Banswara district) and 23.80m (Pasta, Bharatpur district).

Rise in water level <2m in 31.60% stations was observed falling mostly in Bundi, Udaipur, Pali, Dungapur, Ganganagar, Pratapgarh, Banswara, Karauli, Churu, Sirohi, Jaisalmer, Tonk, Nagaur, Sawai Madhopur, Kota, Jhalawar, Barmer, Bharatpur, Baran, Rajsamand & Jodhpur districts and at isolated locations in all the remaining districts.

Water level rise between 2 & 4m was shown by 9.20% stations scattered in isolated patches only in Dausa, Jaipur, Jhalawar, Dungapur, Bharatpur & Bikaner districts.

Rise of more than 4m has been recorded at 10.10% stations falling scatterdly in Dholpur, Rajsmanad, Tonk, Dausa, Nagaur, Sirohi, Kota, Jhalawar & Jaipur districts.

About 47.35% stations scattered in all the districts, mostly in north-eastern, south, south western, north & north central parts, shows decline in water level during this period. Minimum & maximum decline was recorded at 0.01m (Dhirera, Bikaner; Padasoli, Jaipur; Tanot, Jaisalmer; Bai, Sikar and Rajwas, Jodhpur districts) and 25.69m (Saipura, Jaipur district).

Decline in water level <2m was recorded in 28.50% stations falling mostly in Hunumangarh, Jalore, Bikaner, Sikar, Jaisalmer, Barmer, Jhunjhunu, Kota, Ganganagar, Dholpur, Banswara, Pratapgarh, Jodhpur, Churu, Ajmer, Bharatpur, Baran, Dungarpur & Jhalawar districts and at isolated locations in all the remaining districts.

Decline in water level between 2 & 4m was recorded at 8.4% stations scattered in Alwar, Jhunjhunu, Sikar, Baran, Ajmer, Bhilwara, Bharatpur & Barmer districts

Water level decline >4m was exhibited by 10.50% stations mostly in Bhilwara, Chittorgarh, Ajmer, Alwar, Jalore & Dausa districts and at islated locations in Karauli, Nagaur, Sawai Madhopur, Baran & Sirohi districts.

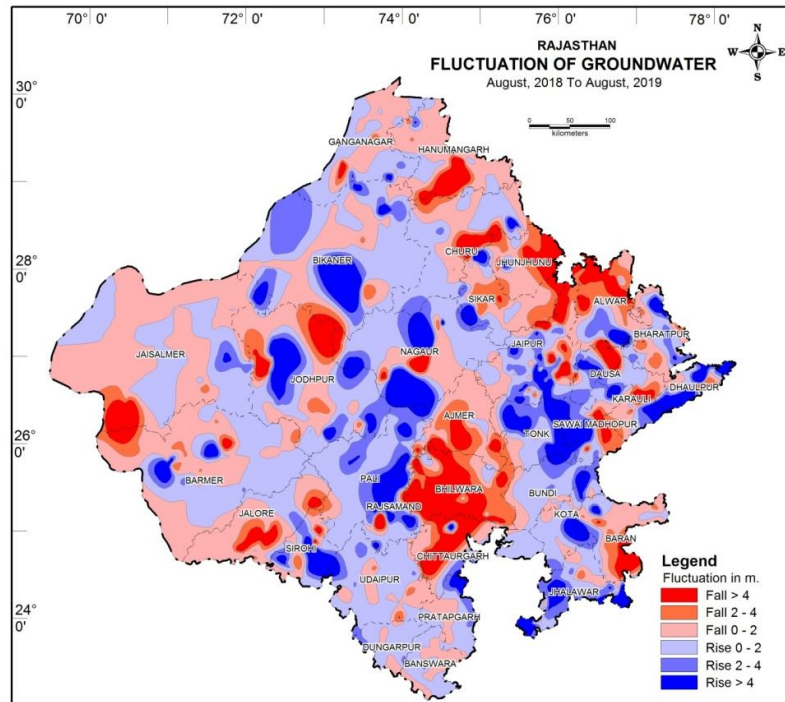


Figure 19: Annual Water Level Fluctuation August 2018 to August 2019

7.3.3 November 2018 to November 2019

Total number of wells analysed are 969. A perusal of map (Fig-20) of annual water level fluctuation from November, 2018 to November, 2019 reveals that 63.51% stations shown rise, 35.37% decline & 1.12% stations shows no change in water level. Rise is scattered from south east to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded 0.01m (Ganeshgarh, Ganganagar and GWD Campus, Jaipur district) and 23.75m (Gomti Chouraha, Rajsamand district).

Rise in water level <2m in 29% stations was observed falling mostly in Bundi, Karauli, Kota, Baran, Churu, Bikaner, Banswara, Udaipur, Tonk, Jhalawar, Bharatpur, Jaisalmer, Ganganagar, Pali, Dungarpur, Sirohi, Dausa, Sikar, Dholpur, Hanumangarh, Sawai Madhopur & Nagaur districts and at isolated locations in all the remaining districts.

Water level rise between 2 & 4m was shown by 16.40% stations mostly falling in Pratapgarh, Dungarpur, Bundi, Baran, Sirohi, Bhilwara, Pali, Ajmer, Jhalawar & Chittorgarh district and at isolated patches in all the remaining district except Hanumangarh, Jhunjhunu & Jalore districts.

Rise of more than 4m has been recorded at 18.10% stations falling mostly Rajsmanad, Bhilwara, Chittorgarh, Ajmer, Tonk & Dausa districts and at scattered locations Nagaur, Dholpur, Kota, Jaipur, Pali, Sirohi, Dungarpur, Jhalawar, Sawai Madhopur, Udaipur, Baran & Jodhpur districts.

About 35.37% stations scattered in all the districts, mostly in north-eastern, south, south western, north & north central parts, shows decline in water level during this period. Minimum & maximum decline was recorded at 0.02m (Mittasar, Churu and Bar Ke Balaji, Jaipur districts) and 22.65m (Saipura, Jaipur district).

Decline in water level <2m was recorded in 24.10% stations falling mostly in Hunumangarh, Barmer, Ganganagar, Sikar, Jalore, Jaisalmer, Bharatpur, Jhunjhunu & Alwar district and at isolated locations in all the remaining districts except Dausa, Kota, Bundi and Karauli districts.

Decline in water level between 2 & 4m was recorded at 5.4% stations scattered in Alwar, Karauli, Sikar, Bharatpur, Dholpur, Dausa & Jalore districts

Water level decline >4m was exhibited by 5.90% stations scattered in Jalore, Jhunjhunu, Karauli, Dausa, Alwar, Nagaur, Jodhpur, Jaipur, Jaisalmer Nagaur, Sawai Madhopur, Baran & Sirohi districts.

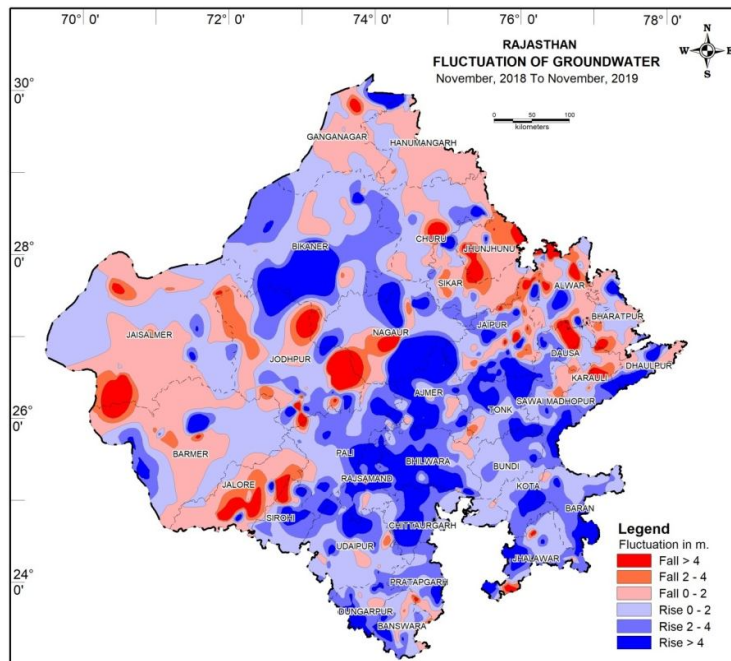


Figure 20: Annual Water Level Fluctuation November 2018 to November 2019

7.3.4 January 2019 to January 2020

Total number of wells analysed are 942. A perusal of map (Fig-21) of annual water level fluctuation from January, 2019 to January, 2020 reveals that 59.02% stations shown rise, 38.32% decline & 2.76% stations shows no change in water level. Rise is scattered from south east to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded 0.01m (Godu, Bikaner; Jhalrapatan, Jhalawar and Bhinder, Udaipur district) and 22.96m (Pasta, Bharatpur district).

Rise in water level <2m in 29% stations was observed falling mostly in Karauli, Bhilwara, Barmer, Pali, Bikaner, Jaipur, Dungarpur, Ajmer, Bundi, Nagaur, Hanumangarh, Banswara, Tonk, Jhalawar, Churu & Chittorgarh districts and at isolated locations in all the remaining districts.

Water level rise between 2 & 4m was shown by 11.90% stations mostly falling in Jhalawar, Churu, Ajmer, Jaipur, Jalore, Tonk, Sawai Madhopur & Rajsamand district and at isolated patches in all the remaining district except Barmer & Udaipur districts.

Rise of more than 4m has been recorded at 18.20% stations falling mostly Jodhpur, Kota, Jalore, Sawai Madhopur, Sikar, Banswara & Nagaur districts and at scattered locations Rajsamand, Hanumangarh, Bharatpur, Sirohi, Jhalawar, Churu & Jaisalmer districts.

About 38.22% stations scattered in all the districts, mostly in north-eastern, south, south western, north & north central parts, shows decline in water level during this period. Minimum & maximum decline was recorded at 0.02m (Meenapara, Sawai Madhopur districts) and 24.38m (Bagra, Jalore district).

Decline in water level <2m was recorded in 27.40% stations falling mostly in Dausa, Jhunjhunu, Baran, Udaipur, Ganganagar, Barmer, Dungarpur, Pratapgarh, Jaisalmer, Bhilwara, Dholpur & Chittorgarh district and at isolated locations in all the remaining districts except Sikar, Nagaur & Ajmer districts.

Decline in water level between 2 & 4m was recorded at 6.5% stations scattered in Udaipur, Ajmer, Dholpur, Alwar, Sirohi, Sikar, Bharatpur, Baran, Pratapgarh & Pali districts.

Water level decline >4m was exhibited by 4.40% stations scattered in Jalore, Pratapgarh, Alwar, Sikar Bharatpur districts.

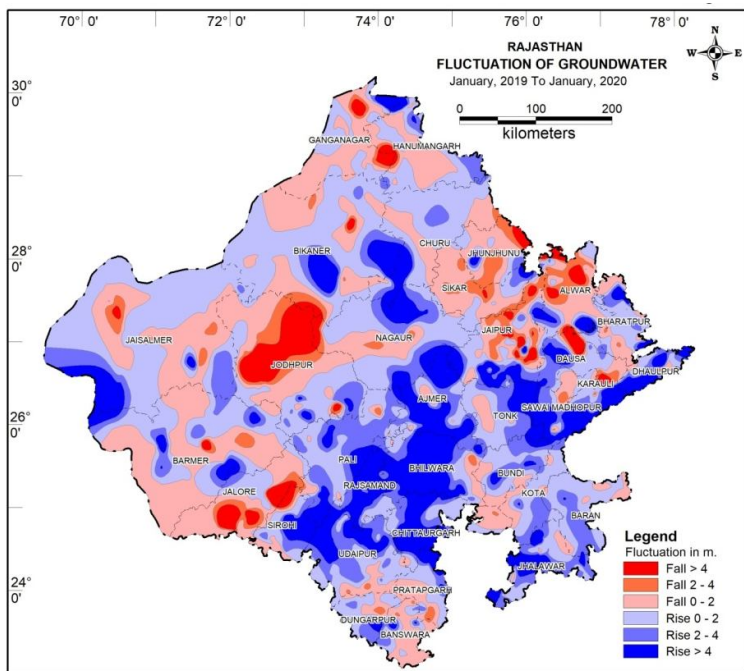


Figure 21: Annual Water Level Fluctuation January 2019 to January 2020

7.4 Decadal Variations

Decadal Fluctuation in the water levels of the NHS stations during different monitoring periods were analysed graphically and depicted in Figure 22 and Annexure XII to XVI. The figure shows a comparison of the changes of the water levels during different seasons with their respective decadal averages (Appendix II).

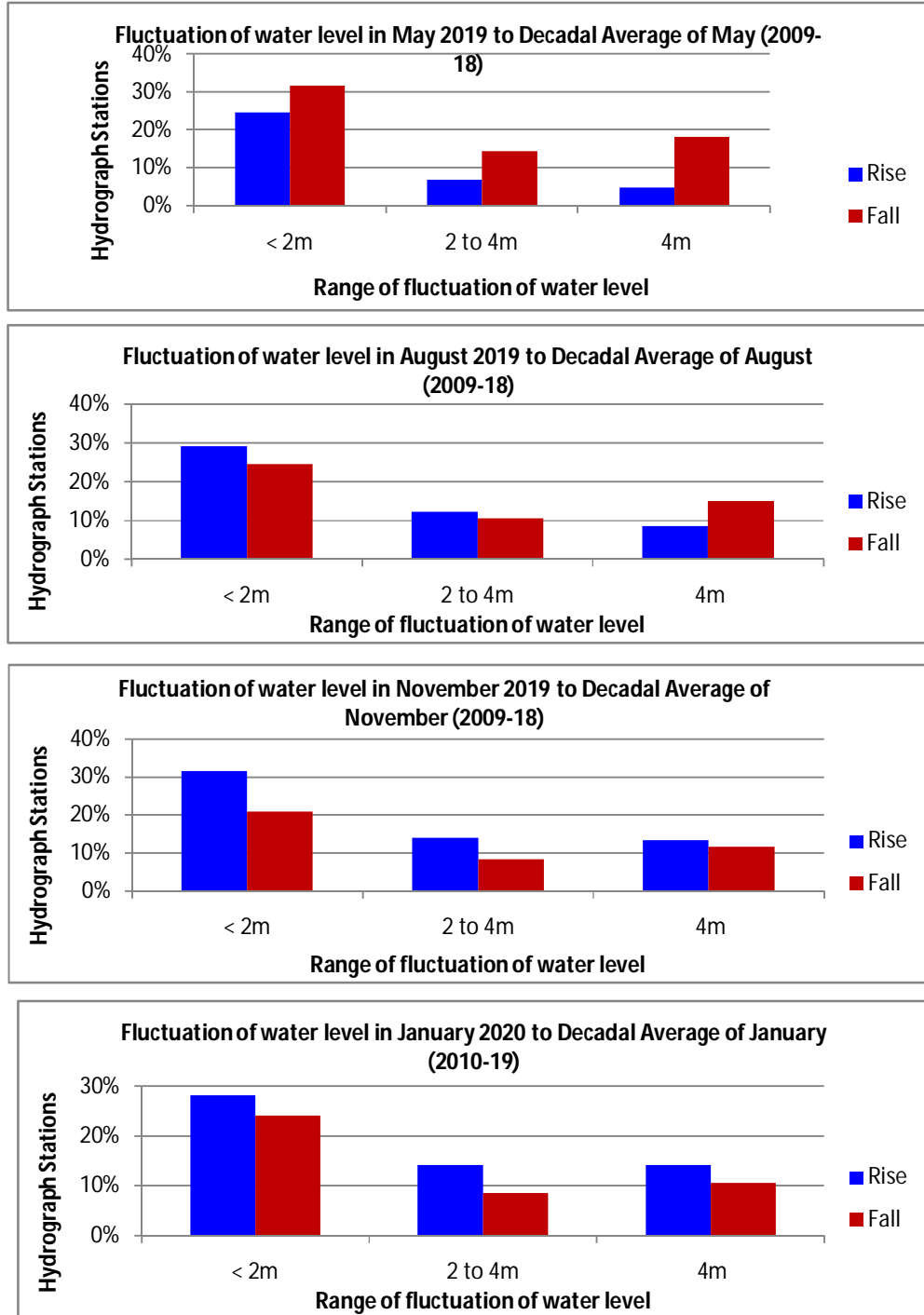


Figure 22: Decadal Water Level Fluctuation

7.4.1 Decadal variation - Decadal Average of May (2009-2018) to May, 2019

Total number of wells analysed are 940. Comparison of water level for May, 2019 with that of mean May (2009-18) (Fig-23) infer that water level in 35.96% stations show rise whereas 64.04% shows decline in water level. Rise is mostly in south to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded at 0.01m (Arjansar, Bikaner & Khiri, Jhalawar district) and 13.28m (Kanarpura, Jaipur district).

Rise in water level <2m in 24.57% stations was observed falling mostly in Bundi, Gangangar, Banswara, Dungarpur, Pratapgarh, Jhalawar, Dholpur, Udaipur, Baran, Kota, Karauli, Rajsamand, Jalore, Jaisalmer, Hanumangarh & Bhilwara districts and at isolated locations in all the remaining districts except Sikar & Sirohi districts.

Rise in water level between 2 & 4m was shown by 6.70% stations falling at scattered locations in Karauli, Bhilwara, Chittorgarh, Jaisalmer, Churu, Pratapgarh & Bikaner districts.

Rise in water level more than 4m has been recorded at 4.68% stations falling at scattered locations in Dholpur, Nagaur, Sirohi, Pali, Karauli & Hanumangarh districts.

About 64.04% stations, scattered mostly in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Arian, Ajmer; Udupuria, Baran; Sindri, Barmer; Dholipal, Hanumangarh & Kathar1, Udaipur district) and 36.45m (Rajwas, Jodhpur district) respectively.

Decline in water level <2m was recorded in 31.60% stations falling mostly in Kota, Tonk, Churu, Ajmer, Dungarpur, Sawai Madhopur, Barmer, Baran, Udaipur, Jaisalmer, Jhalawar, Jalore, Rajsamand, Chittorgarh & Nagaur districts and at isolated locations in all the remaining districts.

Water level decline between 2 & 4m was recorded at 14.36% stations mostly in Sikar, Bharatpur & Jhunjhunu districts and at isolated locations in Pratapgarh, Jaipur, Pali, Tonk, Jodhpur, Bikaner, Baran, Hanumangarh & Churu districts.

Water level decline >4m was shown by 18.09% stations mostly in Alwar, Sirohi, Dholpur, Jhunjhunu, Sikar & Nagaur districts and at isolated locations in Dausa, Jaipur, Tonk, Sawai Madhopur, Bharatpur, Chittorgarh, Bhilwar, Bikaner, Jodhpur, Rajsamand & Ajmer districts.

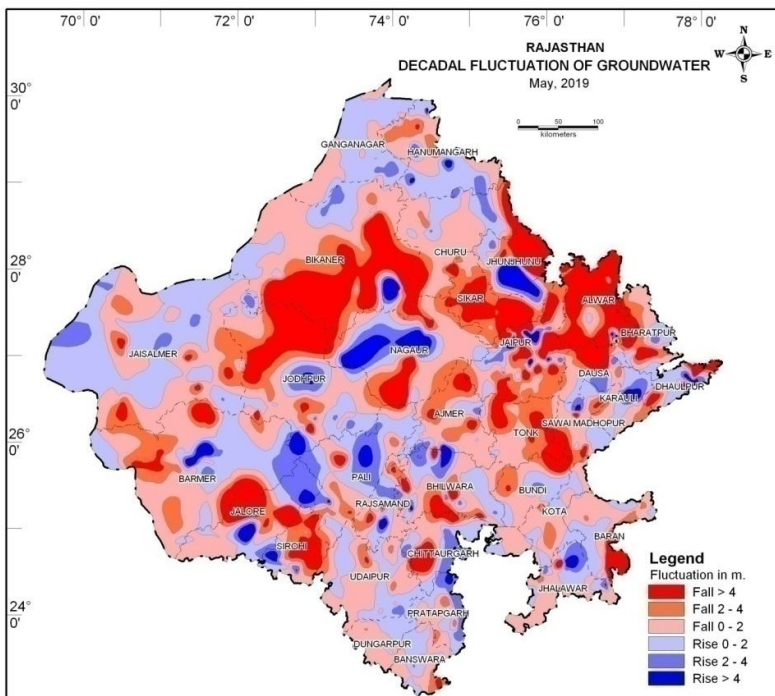


Figure 23: Decadal Water Level Fluctuation –Average May to May 2019

7.4.2 Decadal average of August (2009 - 2018) to August 2019

Total number of wells analysed are 987. Comparison of water level for August, 2019 with mean of August (2009-18) (Fig-24) infer that water level in 49.75% stations show rise whereas 50.15% shows decline in water level. Rise is mostly in south to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded at 0.01m (Kabja, Dungarpur district) and 14.70m (Karimpur, Dholpur district).

Rise in water level <2m in 29.10% stations was observed falling mostly in Pratapgarh, Banswara, Dungarpur, Jaisalmer, Ganganagar, Kota, Jhalawar, Udaipur, Bikaner, Bundi & Bharatpur districts and at isolated locations in all the remaining districts except Jhunjhunu district.

Rise in water level between 2 & 4m was shown by 12.20% stations mostly in Bundi & Jhalawar and at scattered places falling in Pratapgarh, Dungarpur, Dholpur, Dausa, Pali, Kota, Karauli, Rajsamand, Baran & Sawai Madhopur districts.

Rise in water level more than 4m has been recorded at 8.50% stations falling at scattered locations in Pali, Kota, Nagaur, Rajsamand, Tonk, Jodhpur, Dholpur & Jalore districts.

About 50.15% stations, scattered mostly in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Jaitasar Ganganagar district) and 24.10m (Kumara, Jodhpur district) respectively.

Decline in water level <2m was recorded in 24.50% stations falling mostly in Churu, Jalore, Karauli, Ganganagar, Barmer, Udaipur, Ajmer, Baran, Sikar, Hanumangarh, Banswara, Bikaner, Sirohi, Dausa & Jaisalmer districts and at isolated locations in all the remaining districts except Chittrogarh & Bundi districts.

Water level decline between 2 & 4m was recorded at 10.50% stations at isolated locations in Jhunjhunu, Ajmer, Hanumangarh, Bharatpur, Bhilwara & Sawai Madhopur districts.

Water level decline >4m was shown by 15.10% stations mostly in Dausa, Alwar, Bhilwara, Sikar, Jhunjhunu, Chittrogarh & Sirohi districts and at isolated locations in Jalore, Jaipur, Ajmer, Dausa, Hanumangarh & Jodhpur districts.

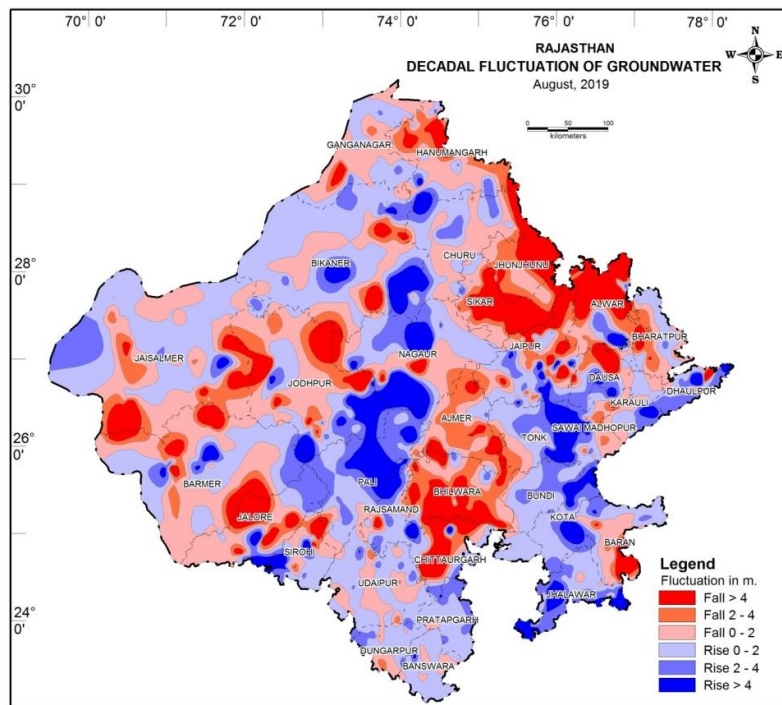


Figure 24: Decadal Water Level Fluctuation –Average August to August 2019

7.4.3 Decadal average of November (2009 - 2018) to November 19

Total number of wells analysed are 1017. Comparison of water level for November, 2019 with mean of November (2009-18) (Fig-25) infer that water level in 59.10% stations show rise whereas 40.81% shows decline in water level. Rise is mostly in south to south-central, north western, western and west central parts of the State. Minimum & maximum rise was recorded at 0.01m (Bhavanipura Deep, Jaisalmer district) and 20.80m (Kheruwala, Ganganagar district).

Rise in water level <2m in 31.80% stations was observed falling mostly in Pratapgarh, Banswara, Dungarpur, Jaisalmer, Ganganagar, Kota, Jhalawar, Udaipur, Bikaner, Bundi, Bharatpur, Dholpur, Tonk, Rajsamand, Nagaur, Sirohi & Pali districts and at isolated locations in all the remaining districts except Jhunjhunu district.

Rise in water level between 2 & 4m was shown by 14.10% stations mostly in Bundi, Jhalawar, Pratapgarh, Dungarpur, Dholpur & Dausa districts and at scattered places in Pali, Kota, Karauli, Rajsamand, Baran & Sawai Madhopur districts.

Rise in water level more than 4m has been recorded at 13.30% stations falling at scattered locations in Pali, Kota, Nagaur, Rajsamand, Tonk, Jodhpur, Dholpur & Jalore districts.

About 40.81% stations, scattered mostly in eastern, south western, north eastern & north central parts, shows decline in water level. Minimum & maximum decline was recorded at 0.01m (Chanduki Ka Gura, Banswara; Tarla, Barmer; Chhani Bari, Hanumangarh; GWD Campus, Jaipur and Kathar, Udaipur district) and 21.68m (Bagra, Jalore district) respectively.

Decline in water level <2m was recorded in 20.70% stations falling mostly in Churu, Jalore, Karauli, Ganganagar, Barmer, Udaipur, Ajmer, Baran, Sikar, Hanumangarh, Banswara, Bikaner, Sirohi, Dausa & Jaisalmer districts and at isolated locations in all the remaining districts except Chittrogarh & Bundi districts.

Water level decline between 2 & 4m was recorded at 8.40% stations at isolated locations in Jhunjhunu, Ajmer, Hanumangarh, Bharatpur, Bhilwara & Sawai Madhopur districts.

Water level decline >4m was shown by 11.70% stations mostly in Dausa, Alwar, Bhilwara, Sikar, Jhunjhunu, Chittrogarh & Sirohi districts and at isolated locations in Jalore, Jaipur, Ajmer, Dausa, Hanumangarh & Jodhpur districts.

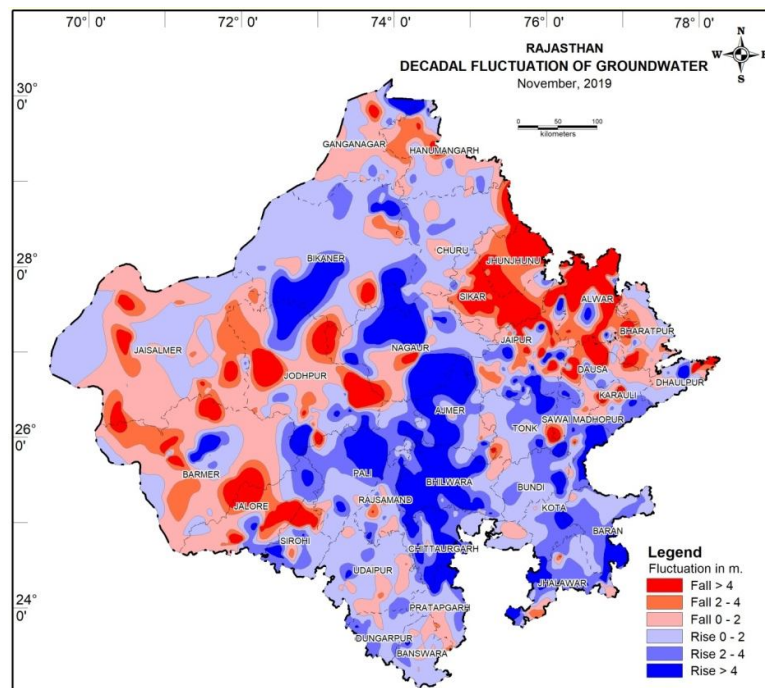


Figure 25: Decadal Water Level Fluctuation –Average Nov to Nov 2019

8 Hydrochemistry

For the evaluation of Hydro-Chemical status and distribution of various chemical constituents in Ground water of Rajasthan state, 650 water samples were collected from NHS during pre-monsoon, 2019 from open dug wells and hand pumps, which are fully or partially in use. Chemical analysis was carried out for major cations (Ca, Mg, Na, K) and anions (CO₃, HCO₃, Cl, SO₄, NO₃, F) in addition to pH, EC, PO₄, TH as CaCO₃ and were chemically analyzed in Regional Chemical Laboratory (NABL Accrediated). Standard analytical procedures as given in APHA 2012 were followed. The detailed chemical analysis results of 650 ground water samples (district wise) have been given in Appendix III. A perusal of Table-6 shows water quality standards for drinking use whereas Table- 7 shows distribution of major constituents in percentage in the State where the principal chemical constituents are (1) within acceptable limit (2) permissible limit (3) beyond permissible limit. District wise percentages of samples where the major chemical constituents are beyond permissible limit for drinking water have been shows in Annexure-XVII. District wise distribution of major constituents in (1) within Acceptable limit (2) permissible limit (3) beyond permissible limit has been shown in Annexure-XVII. District-wise minimum and maximum values of various chemical constituents are given in Annexure-XVIII.

8.1 Standards for drinking use

The presence of various chemical constituents in excess quantity in water affects the human health adversely. In our country Bureau of Indian Standard has prescribed standard limits for drinking purpose (IS-10500: 2012). Acceptable and permissible limits for major constituents and their probable effects on human body are as follows:

Table 6: Water Quality Standards for drinking use

S. No.	Constituents	Acceptable limit (ppm)	Permissible limit (ppm)	Probable effects
1	TDS	500	2000	Beyond limit water bitter in taste and can cause stomach disorder.
2	Chloride	250	1000	Indigestion, bitter taste
3	Sulphate	200	400	Causes stomach disorder.
4	Nitrate	45	No relaxation	Methemoglobinemia in bottle fed infants and Gastro-intestinal problems.
5	Fluoride	1	1.5	Above permissible limit causes skeletal and dental fluorosis and non skeletal fluorosis
6	Total Hardness	200	600	Calcification of arteries, urinary concretions, diseases of kidney or bladder, stomach disorder.
7	Calcium	75	200	Insufficiency causes rickets, excess causes stones in kidney or bladder, essential for human health.
8	Magnesium	30	100	Its salts are cathartic & diuretic, excess is laxative.
9	Iron	1	No relaxation	Bitter sweet taste, staining of laundry, trace is essential for nutrition.

Table 7: Distribution of Major constituents in Rajasthan, 2019

Limit	TDS	Cl	SO4	F	NO3	TH	Ca	Mg
Acceptable Limit	18.31	53.4	57.38	51.38	62.77	19.69	57.08	31.23
Permissible Limit	51.23	31.1	20.92	17.69	-	54.15	33.38	47.23
Beyond Permissible Limit	30.46	15.5	21.69	30.92	37.23	26.15	9.54	21.54

8.2 Quality of Ground Water

For the beneficial use of water its purity is essential otherwise it may affect human health adversely. The quality of water depends on its physical and chemical properties. Physical properties include colour, odour & turbidity which can be determined by our senses. The chemical properties depend on the nature & quantity of various chemical constituents individually or jointly. The possible sources, effect on human health & distribution of some major Chemical constituents are described in following chapter.

8.2.1 Electrical Conductance (EC)

Electrical Conductance is the ability of a substance to conduct an electric current. Chemically pure water in liquid form has a very low conductance. The presence of dissociated ions in solution renders the solution conductive. Distribution of Electrical Conductance is presented in Fig. 27.

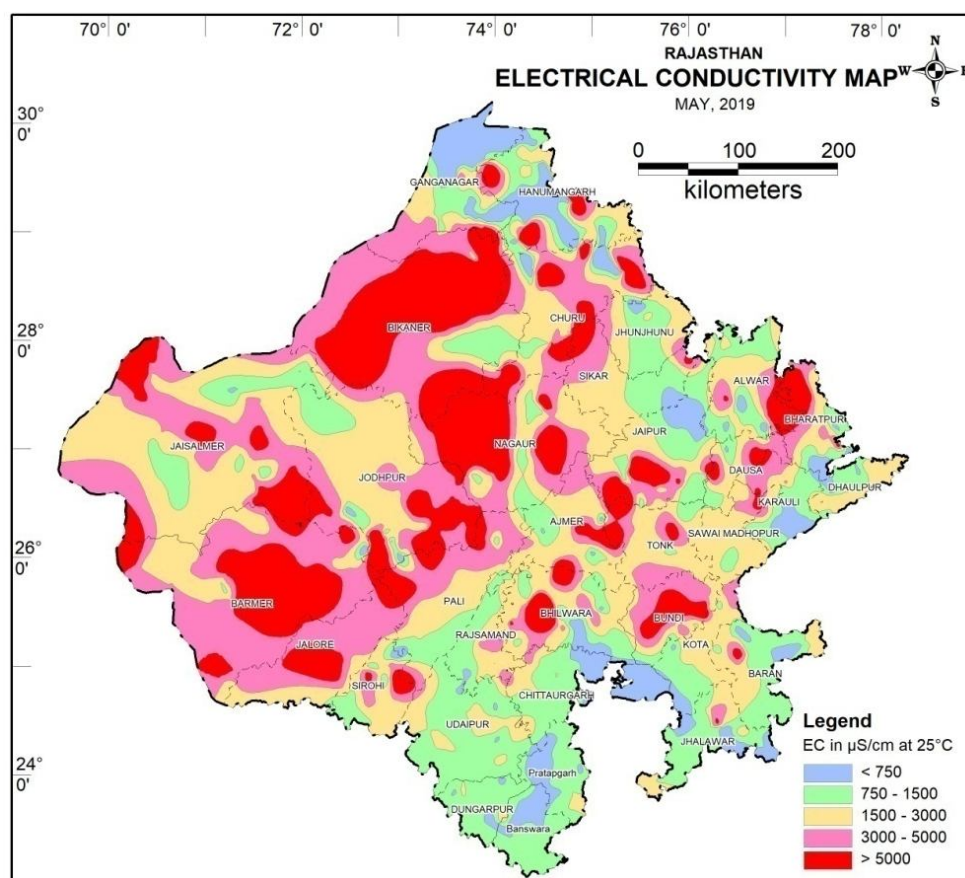


Figure: - 27. Distribution of Electrical Conductance –May 2019

Therefore, EC of a solution gives an idea about the quantity of ions or dissolved solids present in it. In western, central and some eastern parts of the state higher EC values of water ($>3000 \mu\text{S}/\text{cm}$) have been observed thus making the ground water saline and non-potable. In southern and some eastern part of the state water is fresh as the EC values are within $1500 \mu\text{S}/\text{cm}$.

Out of 650 water samples analysed, 17.69% samples have EC values less than $750 \mu\text{S}/\text{cm}$, 26.62% between 750 & $1500 \mu\text{S}/\text{cm}$, 24.46% between 1500 & $3000 \mu\text{S}/\text{cm}$ and 31.23% samples have more than $3000 \mu\text{S}/\text{cm}$ at 25°C . Distribution of EC in Ground Water of Rajasthan is shown in Fig. 27. In the districts of Jalore(88.89%), Bikaner (83.33%), Bundi(66.67%), Nagaur(61.90%), Jodhpur (57.14%), Sikar (50.0%) & Tonk (25%) samples have EC values in the range of 3000 - $23000 \mu\text{S}/\text{cm}$ i.e. (Beyond Permissible Limit of TDS more than $2000\text{mg}/\text{l}$). Minimum value of EC ($240 \mu\text{S}/\text{cm}$) was found at Mandrela in Jhunjhunu and maximum value ($23000 \mu\text{S}/\text{cm}$ at 25°C) at Arjansar in Bikaner district.

8.2.2 Chloride (Cl)

It is one of the most common constituent present in natural water and remains soluble in water unaffected by biological processes therefore reducible by dilution. Natural mineral origin can also be a cause of high chloride content. Industrial effluents (galvanizing plants, water softening plants, oil wells, refineries and paper works) may also leach into ground water.

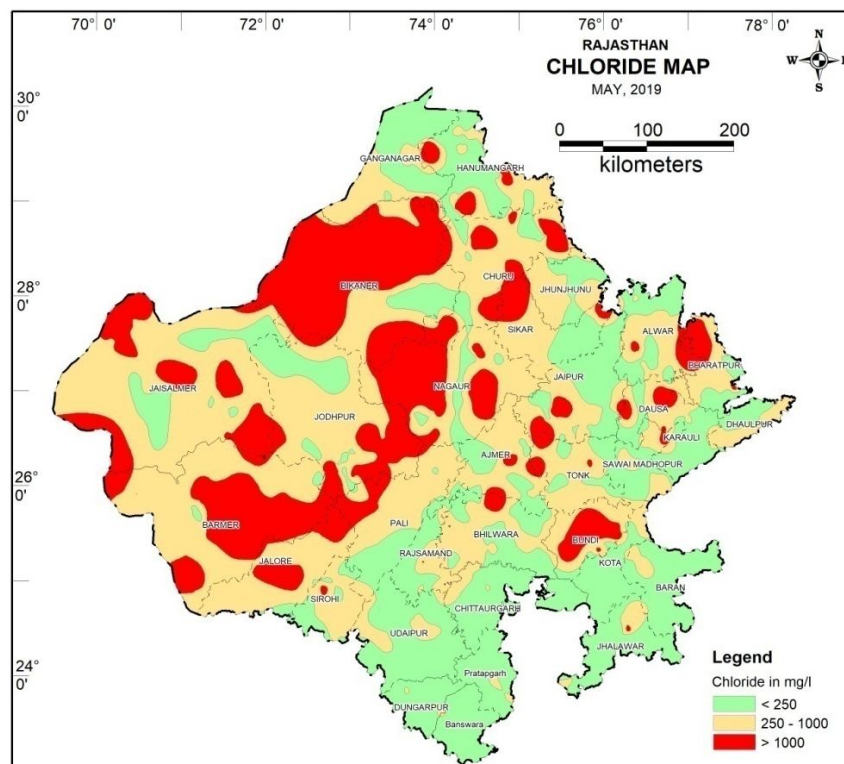


Figure:- 28- Distribution of Chloride May 2019

Sewage effluents contain a larger concentration of Chlorides. Chloride ions have some functions in the body. The tolerance limits of chloride vary with climate and excretion. Cation ion associated with chloride is usually having harmful effects on human body. Individual affected by heart and kidney disease should restrict water consumption with a high chloride concentration.

Out of 650 sample analysed, 15.54% have chloride value beyond permissible limit of 1000 mg/l, 31.08% between acceptable and permissible limit and 53.38% samples are within acceptable limit. In Bikaner (75.00%), Sikar (50.00%), Jalore (44.44%), Nagaur (38.10%) districts chloride value is beyond permissible limit. In Banswara, Baran, Chittorgarh, Dholpur, Dungarpur, Jhunjhunu, Kota, Pratapgarh & Udaipur districts, none of the sample shows chloride value beyond permissible limit. Maximum value of chloride (6452 mg/l) at Hariasar in Bikaner district and minimum value (14 mg/l) is observed at Rawatbhata in Chittaurgarh district, Doongargaon in Jhalawar District and Manderala in Jhunjhunu District. Distribution of Chloride in Ground Water of Rajasthan is shown in Fig. 28.

8.2.3 Sulphate (SO₄)

Sulphates are found in natural water in the final oxidized state of sulphides, sulphites and thiosulphates or in the oxidized stage of organic matter in the sulphur cycle; in all cases as a product of pollution sources related to mining or industrial waste. Detergents add Sulphate to sewage. Tanneries, steel mills, textile plants may contaminate water. Sulphate ions associated with high concentration of Magnesium and sodium ions, acts as laxative and may cause gastric disorders. In all, 57.38% samples fall within acceptable limit, 20.92% within acceptable and permissible limit and 21.7% samples are beyond permissible limit of BIS guidelines for drinking water. In Bikaner (58.33%), Tonk (57.14%), Barmer (45.45%), Jalore (44.44%) and Jaipur (40%) districts water samples have Sulphate value beyond permissible limit (400 mg/l). Minimum value of sulphate (0.5 mg/l) at Arthuna in Banswara district and maximum value of sulphate (3770 mg/l) has been observed at Barani in Nagaur district.

8.2.4 Nitrate (NO₃)

Sources of Nitrate are mineral deposits (sodium and potassium nitrates), soils, sea water and atmosphere. Nitrate is used as a fertilizer, as a food preservative and as an oxidizing agent in the chemical industries. Higher concentrations are expected where fertilizers are used, in decayed animals and vegetable matter, in leachates from sludge and refuse disposal and in industrial discharges. Higher concentration of nitrate causes methemoglobinemia disease in bottle fed infants (3 months old). Gastrointestinal disorders are also found. It may also have adverse effect on central nervous and cardiovascular system.

High nitrate concentrations have been observed in ground water at several places and ranges between below detection limit and 1150 mg/l. About 62.77% of samples have nitrate values within acceptable limit & remaining 37.23% samples have nitrate value beyond permissible limit. i.e. 45 mg/l. More than 50% of samples of Bikaner (66.67%), Bamer (66.67%), Jodhpur (59.52%) Bundi (55.56%) and Pratapgarh, Sikar & Karauli (each having 50%) have nitrate above 45 mg/l. 40.00 % to 48.15% samples of Pali, Tonk, Dungarpur, Jhalawar, Rajsamand, Jalore, Nagaur and Churu district have nitrate values beyond permissible limit. Maximum value of nitrate as 1150 (mg/l) have been observed at Luna

Kalan in Jaisalmer district and Bisalpur in Jodhpur district. Distribution of Nitrate is shown in Fig. 29.

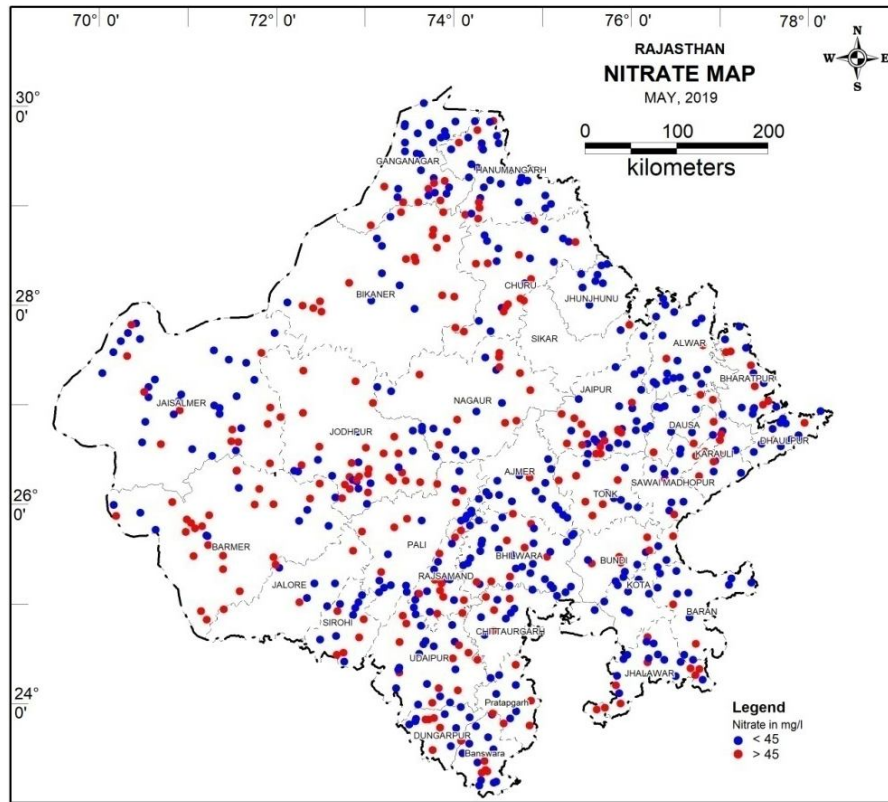


Figure:- 29- Distribution of Nitrate May 2019

8.2.5 Fluoride (F)

Fluoride is an inherent component of igneous rocks. The main sources of fluoride in natural water are Fluorite (CaF_2), Cryolite (Na_2AlF_6), Fluorapatite. In minerals like mica, amphiboles and topaz etc, the fluoride ions are bound on the mineral surfaces. Food in the diet is the major source of fluoride. Tea contains high fluoride concentration. Fluoride reduces dental caries, very high concentration may cause crippling skeletal fluorosis in human body. Less than 1.0 mg/L is essential.

Occurrence of high fluoride in the ground water is a great concern as 30.92% of 650 ground water samples contain fluoride value beyond Permissible limits i.e. 1.5 mg/l, whereas, 51.38% samples fall within acceptable limit and 17.69% between acceptable & permissible limit of Fluoride. The worst affected districts are Pali (70.59%), Bikaner (62.50%), Jodhpur (61.90%), Bharatpur (56.25) and Jaisalmer (52.50%). Ajmer, Banswara, Barmer, Bhilwara, Dungarpur, Jaipur, Jalore & Rajsamand districts are moderately affected with 30% to 42.86% water samples having fluoride above 1.5 mg/l. Minimum value of fluoride has been observed 0.01 mg/l at Amarwasi, Nangpura, Salawatia and Mandalgarh in Bhilwara district, Arniyali in Barmer district, Chosli in Nagaur district, Ghata in Rajsamand district. Abnormally high values of fluoride (19.52 mg/l) have been observed from Tickel in Jaipur district and 18.00 mg/l Dhawa in Jodhpur district. Distribution of Fluoride in Ground Water of Rajasthan is shown in Figure - 30.

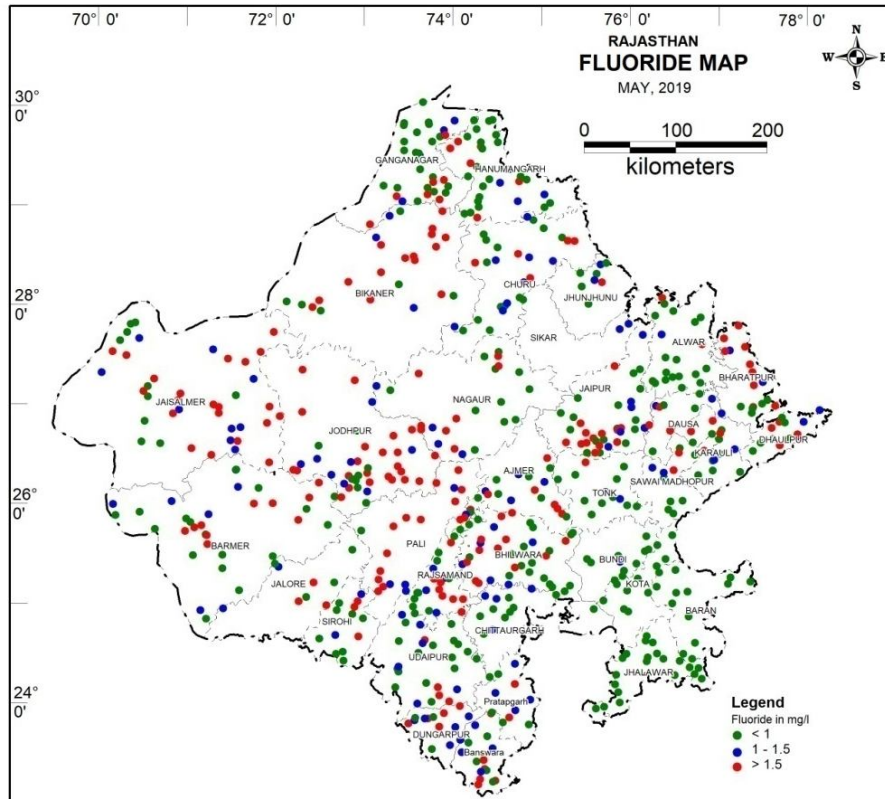


Figure:- 30 - Distribution of Fluoride May 2019

8.2.6 Total Hardness (TH)

It is primarily determined by sum of calcium and magnesium ions expressed as calcium carbonate. Other substances such as iron, manganese, aluminum, strontium, zinc may also contribute to a very small extent due to low solubility. An inverse correlation between hardness of water & cardiovascular diseases (Heart, hypertension and stroke) has been shown. High values may cause calcification of arteries, urinary concretions and stomach disorder.

Out of 650 samples analysed, 19.69% samples are within Acceptable limit of 200 mg/ l for total hardness. 26.15% samples have concentration beyond permissible limit while 54.15% samples fall within acceptable and permissible limits. Total hardness above 600 mg/l is found in Jalore (88.89%), Bikaner (70.83%), Bundi (66.67%), Barmer (60.61%), Kota (53.85%). 35.00 % to 50% samples of Ajmer, Bharatpur, Dausa, Jaipur, Nagaur, Sirohi, Sikar districts have Total Hardness concentration beyond permissible limit. In Banswara, Dholpur, Jhunjhunu, Pratapgarh and Udaipur districts none of samples have Total Hardness concentration beyond permissible limit. The minimum value of hardness as 30 mg/l has been found at Lamba Dabra in Partapgarh. The maximum value has been observed as 4000 mg/l at Mandayatin Bikaner district.

8.2.7 Calcium (Ca)

It is always found in combination in limestone, marble and chalk. Its most common compounds are limestone, gypsum, fluorite; also calcium carbide, chloride, hypochlorite. Calcium is essential for human body. Its low content in soft water has been linked with rickets & defective teeth. Its excess may cause stones in kidney or bladder. Gout, Rheumatism etc. is also linked with its high concentration.

There is no cause of concern about the calcium hazard as only 9.54 % samples are beyond the permissible limit of 200 mg/l, 33.38% samples are within permissible limit and 57.08 % samples are within acceptable limit of BIS. The minimum value of calcium has been observed as 4.0 mg/l at Nimaj in Pali district and Riyan in Nagaur district. Maximum value of 960 mg/l was observed in Mandaya in Bikaner district.

8.2.8 Magnesium (Mg)

It is never found as a free element. It constitutes a large deposit as magnesite & common rock forming dolomite. Presence of magnesium is beneficial for heart & nervous system. However higher concentrations have laxative and diuretic effect. Only 21.54 % of samples have magnesium concentration beyond permissible limit of 100 mg/l. 31.23 % samples fall within Acceptable limit and 47.23 % samples are within permissible limits of BIS. None of the sample in Banswara, Dholpur, Pratapgarh, Dungarpur, Chittorgarh, Karauli & Tonk districts has magnesium value beyond permissible limit. Mg value beyond permissible limit is found in well water of Jalore (88.89%), Bundi (66.67%), Bikaner (58.33%) districts while 31.58 to 50% samples of Ajmer, Jaipur, Sirohi, Nagaur, Kota, Barmer and Sikar districts have magnesium beyond the permissible limit. The minimum value of Mg as 1.8 mg/l has been found at Pakka Sarna and Dudhal in Hanumangarh and Lamba Dabra in Pratapgarh and maximum value 522 mg/l at Nasota in Jaipur district.

8.2.9 Uranium (U)

Both surface and ground water play an important role in migration of radionuclides in earth's crust with their concentration. In water, migration depends on the physical and chemical characteristics of aquifer and geological formations involved. The migration and/or mixing of contaminant chemicals in the groundwater are put into motion by certain drivers. These drivers can be anthropogenic factors, such as drainage, irrigation, groundwater pumping, waste or wastewater disposal from industry. Natural uranium can also be released into the environment from various Anthropogenic or man-made activities such as the use of phosphate fertilizers, pesticides, combustion of coal in thermal power plants, mining, depleted uranium from the wars.

In case of Uranium, there can be a greater chemical toxicity than radiological toxicity presumably because of low specific activity of the mixture if radionuclides. According to estimates food contributes about 15% of ingested uranium while drinking water contributes about 85%. Various organizations have different guideline values for Uranium wherein World Health organization provisionally assumes that uranium content up to 30 µg/l can be tolerated in drinking water while AERB has set the limit at 60 µg/l for drinking waters.

In view of above facts, the measurement of Uranium levels in an aquatic environment is of great importance for environment safety. 671 No. groundwater samples were collected,

during May 2019, from ground water monitoring stations from all the districts of Rajasthan State for measurement of Uranium concentration under the quality-monitoring program. The specifically filtered and acidified water samples for Uranium were tested by ICPMS. Analytical results are placed in Appendix IV. Distribution of Uranium in the State is given in Fig 31.

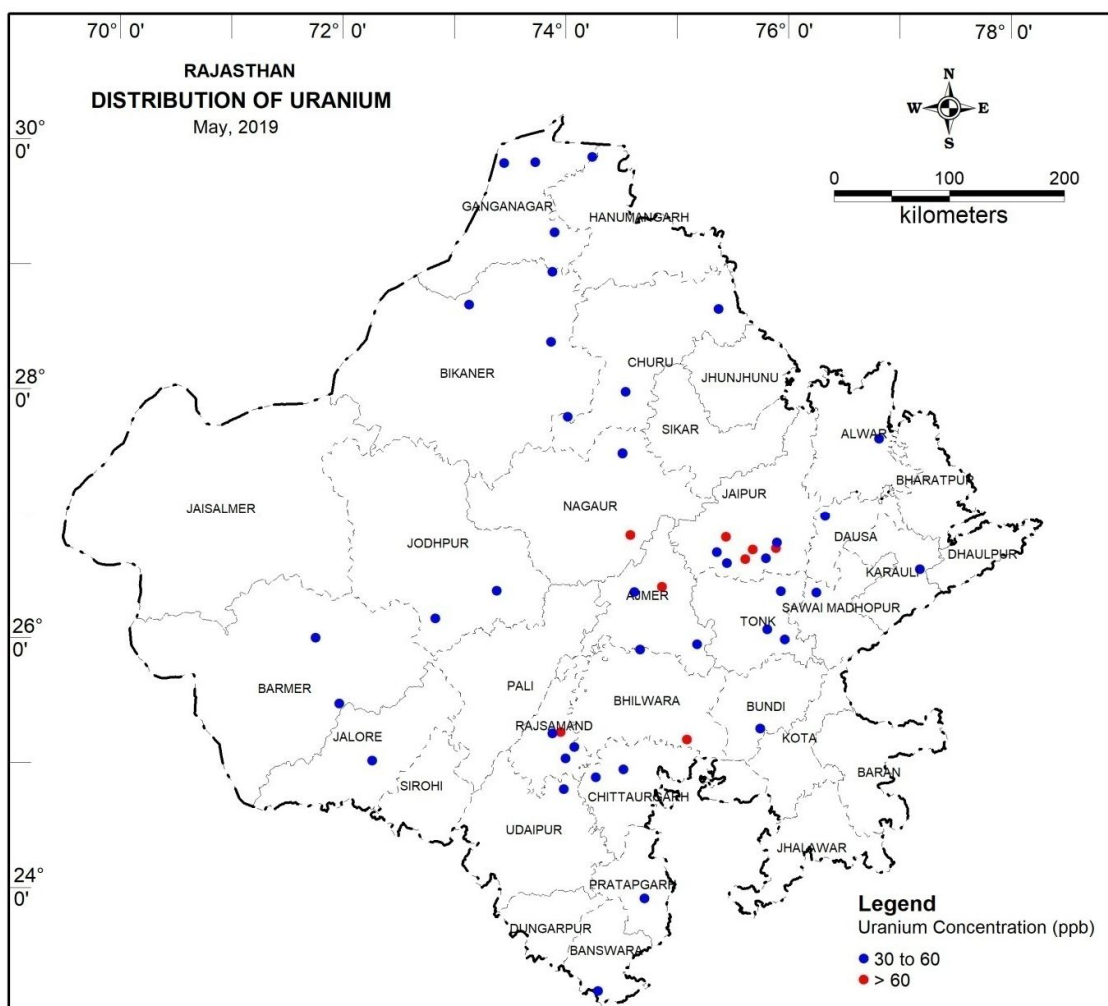


Figure:- 31- Distribution of Uranium, May 2019

Uranium concentration above 30 $\mu\text{g/l}$ is observed in 21 districts out of 33 districts of Rajasthan state (7.15%) namely, Ajmer, Alwar, Banswara, Barmer, Bhilwara, Bikaner, Bundi, Churu, Chittaurgarh, Dausa, Ganganagar, Jaipur, Jalore, Jodhpur, Karauli, Nagaur, Pratapgarh, Rajsamand, Swai Madhopur, Tonk, Udaipur. Most of locations with uranium concentration $>30 \mu\text{g/l}$ are found in Nagaur and Jaipur districts. Uranium concentration above 60 $\mu\text{g/l}$ mainly observed in Ajmer, Bhilwara, Jaipur, Rajsamand and Nagaur districts. Though, highest value of 181.084 $\mu\text{g/l}$ is observed at Bagot in Nagaur district, the number of samples with higher concentration ($> 60 \mu\text{g/l}$) is more in Jaipur district. The district-wise concentration range of Uranium in ground water is given in Table 8 and districtwise Uranium concentration higher than 30 $\mu\text{g/l}$ presented in Table 9.

Table 8: Range of Uranium Concentration, May 2019

S. No.	District	No. of Samples	Uranium Range ($\mu\text{g/l}$)	
			Min	Max
1	Ajmer	24	1.1	63.418
2	Alwar	13	0.303	34.934
3	Banswara	29	0.03	34.046
4	Baran	18	0.199	16.48
5	Barmer	29	0.64	34.449
6	Bharatpur	19	1.15	26.846
7	Bhilwara	37	0.321	64.845
8	Bikaner	31	0.032	41.853
9	Bundi	12	0.008	57.5
10	Chittaurgarh	17	0.403	46.621
11	Churu	30	BDL*	45.421
12	Dausa	7	2.762	36.131
13	Dhaulpur	10	0.194	14.672
14	Dungarpur	19	0.546	14.526
15	Ganganagar	36	1.487	45.765
16	Hanumangarh	31	1.709	28.428
17	Jaipur	31	1.392	138.424
18	Jaisalmer	26	0.834	26.339
19	Jalore	6	2.267	35.901
20	Jhalawar	27	0.13	17.531
21	Jhunjhunu	3	4.846	6.988
22	Jodhpur	20	0.252	43.182
23	Karauli	14	1.401	56.343
24	Kota	16	0.115	9.547
25	Nagaur	11	2.112	181.084
26	Pali	22	0.371	27.5
27	Pratapgarh	19	0.005	45.562
28	Rajsamand	26	1.233	108.665
29	Sawai Madhopur	18	1.159	33.171
30	Sikar	2	19.869	27.928
31	Sirohi	11	0.638	25.477
32	Tonk	17	0.517	59.484
33	Udaipur	40	BDL*	38.7
	Total	671	BDL*	
	*BDL-Below Detection Limit		Max.	181.084

Table 9: Uranium concentration beyond permissible limit, May 2019

S. No.	District	Block	Village	U (Above 30 µg/l)
1	Ajmer	Kekri	Nai Khera	33.49
2	Ajmer	Peesangan	Tabiji	33.125
3	Ajmer	Srinagar	Kanpura1	63.418
4	Alwar	Ramgarh	Ramgarh1	34.934
5	Banswara	Sajjangarh	Chota Dungra	34.046
6	Barmer	Baetu	Panavada	33.541
7	Barmer	Sindhari	Arniyali	34.449
8	Bhilwara	Hurda	Gulabpura	46.991
9	Bhilwara	Mandalgarh	Mandalgarh1	64.845
10	Bikaner	Khajuwala	Chhatargarh	34.351
11	Bikaner	Lunkaransar	Arjansar	41.853
12	Bikaner	Lunkaransar	Kaloo	35.876
13	Bundi	Talera	Ballop	57.5
14	Chittaurgarh	Chittaurgarh	Purohitokasavat	46.621
15	Chittaurgarh	Kapasan	Mungana	30.408
16	Churu	Bidasar	Soniasar	32.355
17	Churu	Rajgarh	Rajgarh1	45.421
18	Churu	Ratangarh	Bhojasar	33.294
19	Dausa	Dausa	Jasuta	36.131
20	Ganganagar	Ganganagar	Tatarsar	30.092
21	Ganganagar	Karanpur	Rupanagar	33.503
22	Ganganagar	Sangariya	Kheruwala	42.051
23	Ganganagar	Suratgarh	Piperan	45.765
24	Jaipur	Chaksu	Shivdaspura	138.424
25	Jaipur	Chaksu	Tootoli	43.144
26	Jaipur	Dudu	Nasnota	79.976
27	Jaipur	Dudu	Mozmabad	50.94
28	Jaipur	Phagi	Bhojpura	66.608
29	Jaipur	Phagi	Majhi Renwal	95.526
30	Jaipur	Phagi	Choru	31.214
31	Jaipur	Sanganer	Goner	52.161
32	Jalore	Bhinmal	Bhinmal1	35.901
33	Jodhpur	Luni	Khudala	40.329
34	Jodhpur	Pipar City	Ramrawas	43.182
35	Karauli	Karauli	Bhauapura	56.343
36	Nagaur	Didwana	Singhana1	53.023
37	Nagaur	Didwana	Singhana1	44.176
38	Nagaur	Parbatsar	Bagot	181.084
39	Pratapgarh	Pratapgarh	Suhagpura	45.562
40	Rajsamand	Amet	Chattarpur	108.665
41	Rajsamand	Amet	Gugli	37.412
42	Rajsamand	Railmagra	Oda 1	56.015
43	Rajsamand	Railmagra	Khandel 1	33.133
44	Sawai Madhopur	Bonli	Bonali	33.171
45	Tonk	Newai	Niwai1	37.07
46	Tonk	Tonk	Arniyalmal	59.484
47	Tonk	Uniara	Dikoliya	38.047
48	Udaipur	Mavli	Mavli1	38.7

9 Conclusions and Recommendations

- The National Hydrograph Monitoring Network was established by CGWB more than 40 years back. Though, it has been progressively strengthened during the period, but now, most of the monitoring stations have gone dry and are not in use. Therefore, these are neither representative nor ideal for getting the full and dependable information on resource behaviour and regime monitoring. Even though some 557 purpose-built stations have been established, but still, the number is rather too meagre keeping in view the size of the state and the changing ground water levels and quality regime scenario. The network thus needs to be strengthened with construction of purpose built stations for monitoring of water level and water quality in vulnerable areas like the industrial zones, mining & smelting complexes and urban agglomerates.
- Dug well can be replaced by construction of Piezometers in the area where the dug wells have gone dried due to incessant declining of water level attributed by more ground water draft than its natural monsoon recharge, to have vigil on ground water regime in context of ground water development.
- There is progressive increase in ground water draft due to increasing population, urbanization and industrialisation. Out of 295 blocks, as many as 185 blocks the draft has exceeded the estimated replenishable resource. In 33 blocks, the stage of development has reached Critical levels and semi critical levels in 29 blocks (Ground water resource estimation 2017) leaving only 45 blocks in safe category. Any further increase in the draft will aggravate the already worsened situation of declining water levels and/or degrading water quality in some areas.
- Substantial ground water level declines are being witnessed both in hard rock and alluvial areas. Contamination in ground water may be due to industrial and sewage disposal activities. The ground water development in such areas therefore needs to be regulated through suitable measures to provide sustainability and protection to ground water reservoir.
- Planning for the development and management of ground water in any area in the state must address the factors like low rainfall, limited ground water storage availability, ground water salinity in many areas, deep water levels in most of western parts of state and desertic conditions in nearly 50% of the state's area. These aspects should be taken as a core consideration for planning and implementing ground water development and management programmes. A holistic approach taking all aspects into consideration shall therefore, need to be adopted.
- Artificial recharge of ground water by arresting storm water run-off during monsoon seasons should be the policy directive in all areas with ground water draft more than 90% of the assessed replenishable resource or areas where decline, either in the pre monsoon or post monsoon water levels is observed or the areas where adequate storage capacity is available. The following specific measures will improve the situation and help lessen the stress on the system.
- In areas where the situations of over-draft are manifested in declining water levels, action to reduce the draft by at least 20% must be taken as an immediate measure. The impact of reduced draft should be monitored over 2-3 years to enable development of a scientifically based long-term management strategy.

- An adequate storage capacity is available in the aquifer system where water level during pre monsoon period is less than 10m bgl. Therefore, the underground storage of additional water in those areas will not only ensure the availability of water during dry season but also reduce the evaporation losses.
- Paving of surface for providing civic amenities in the towns & cities has led to reduced infiltration and increased run-off during the rainy season. Rainwater harvesting structures should therefore be constructed to intercept and recharge the roof-top run-off from individual house-holds in feasible areas. Local municipal bodies should encourage such a provision.
- Concurrent with the above measures the work of impounding and recharging the storm water run-off from other sources may be adopted. Suitable locations in nallas & gullies should be utilised for the construction of check-dams, sub-surface dams, ponds etc. for ensuring stagnation of water & thus its infiltration underground for augmenting ground water storage. Such structures must be located and designed keeping in full view Geology, Geomorphology and Hydrogeological set-up prevailing in the area.
- Re-use and recycling of urban wastewater should receive added attention of municipal bodies. The liquid urban wastes can be recycled through aquifers to improve their quality and pumped out for reuse particularly for irrigation. It shall however, be essential to ensure that urban & industrial wastes are not inter-mixed. Where such a situation exists, the industrial wastes must be treated before disposal to remove the toxic elements. After primary treatment the liquid urban wastes can also be used for direct irrigation in suitable areas. It will reduce the dependence on ground water to some extent and shall also ensure conservation and use of the wastewater, which is otherwise lost to evaporation.
- To reduce dependence of ground water, measures aimed at affecting economy in water use be implemented. These could include installation of new small capacity cisterns in toilets and other household means of saving water, use of improved irrigation systems like sprinkler and drip, etc. Wherever feasible, metering of water and charging of economic costs, relocating high water-use industries to surplus water available areas, etc. should be undertaken.
- In the canal command areas of IGNP, Chambal, Mahi and other surface irrigation systems, the menace of water-logging has been increasing rapidly. Improved irrigation practices, change in cropping pattern with controlled water supplies from canals coupled with mandatory development of ground water at least 50% of the water requirements are urgently called for in such areas. For promoting ground water development, subsidies should be provided. Any further delay will result in large areas going out of agriculture and / or reduction in farm output besides degradation of the environment and eco-system of the area.
- Instances of growing levels of nitrates in ground water are noticed due to haphazard disposal of wastes, particularly faecal disposals in urban areas. Educating public regarding the maintenance of hygiene and installation of organized sewerage system are the need of the hour to reduce these hazards.
- Disposal of solid wastes in natural or man-made depressions without adequate scientific considerations is bound to pollute ground water in due course. As a measure of precaution, it is therefore essential that solid wastes from major cities and towns should

be disposed off in scientifically located and designed sites/ structures for recycling and reuse. Detailed investigations to locate such sites must be initiated urgently.

- An unsystematic release of industrial waste without pre-disposal treatment is causing deterioration of ground water quality. For example, in Jaipur, the liquid waste from the cloth printing & dyeing industry is leading to an increase in fluoride content in ground water. Urgent measures including awareness and if need be, punitive action may have to be taken up to stop further degradation in the quality. Also, Ground water pollution has become a serious problem due to dyeing & printing industry in Balotra, texture industry in Pali and dyeing & processing industry in Bhilwara areas. Central Ground Water Authority and Pollution Control Boards may consider suitable actions, both preventive and remedial, and drawing up of long-term plans in this regard.
- Since ground water abstraction structures are individually owned, operated and managed, it is difficult to have an account of ground water abstraction by volume. Voluntary registration of structures needs to be encouraged so as to obviate the requirement for enactment and enforcement of any legal measures.
- Whereas restrictions must be laid on the construction and energization of individually owned structures for drinking and domestic use with a view to avoid wastage of water, but also, adequate supply from municipal water supply system shall have to be ensured in such areas. Also, Ground water markets will have to be regulated.
- Ground water development is a 'People's programme'. Therefore, education and involvement of people in its management projects including development, conservation, protection and augmentation will be the prime requisite to protect resource against quality degradation and guarantee quality assurance. Mass awareness programmes aimed at educating the users regarding the adverse effects of over-exploitation of ground water on its quality & quantity, economic and efficient use of water, voluntary regulation of abstraction, etc. will ensure utilisation of the resource at optimal levels.

CATEGORISATION OF DEPTH TO WATER LEVEL - MAY 2019

District	No of well analysed	DTWL mbgl		No of well in different Ranges					
		Min	Max	0 to 2 (m)	2 to 5(m)	5 to 10(m)	10 to 20(m)	20 to 40(m)	>40(m)
AJMER	28	4	28.18	0	5	10	11	2	0
				0.00%	17.86%	35.71%	39.29%	7.14%	0.00%
ALWAR	33	12.3	91.8	0	0	0	5	17	11
				0.00%	0.00%	0.00%	15.15%	51.52%	33.33%
BANSWARA	33	1.5	16.48	1	6	20	6	0	0
				3.0%	18.2%	60.6%	18.2%	0.0%	0.0%
BARAN	19	2.64	28	0	5	9	4	1	0
				0.00%	26.32%	47.37%	21.05%	5.26%	0.00%
BARMER	50	4.1	99.82	0	3	4	11	16	16
				0.0%	6.0%	8.0%	22.0%	32.0%	32.0%
BHARATPUR	30	1.84	57.2	1	4	6	12	5	2
				3.33%	13.33%	20.00%	40.00%	16.67%	6.67%
BHILWARA	69	3.35	64.1	0	8	11	32	17	1
				0.00%	11.59%	15.94%	46.38%	24.64%	1.45%
BIKANER	48	5.1	128.15	0	0	4	16	13	15
				0.00%	0.00%	8.33%	33.33%	27.08%	31.25%
BUNDI	7	1.51	13.8	1	2	2	2	0	0
				14.29%	28.57%	28.57%	28.57%	0.00%	0.00%
CHITTAURGARH	14	0.75	30.5	1	1	3	6	3	0
				7.14%	7.14%	21.43%	42.86%	21.43%	0.00%
CHURU	32	9.92	66.15	0	0	1	5	14	12
				0.00%	0.00%	3.13%	15.63%	43.75%	37.50%
DAUSA	15	7.97	56.1	0	0	1	6	5	3
				0.00%	0.00%	6.67%	40.00%	33.33%	20.00%
DHAULPUR	16	3.3	37.4	0	2	3	7	4	0
				0.00%	12.50%	18.75%	43.75%	25.00%	0.00%
DUNGARPUR	18	2.44	20.6	0	4	6	7	1	0
				0.00%	22.22%	33.33%	38.89%	5.56%	0.00%
GANGANAGAR	39	1.43	39.62	1	2	13	18	5	0
				2.56%	5.13%	33.33%	46.15%	12.82%	0.00%
HANUMANGARH	38	0.52	48.45	2	2	5	11	15	3
				5.26%	5.26%	13.16%	28.95%	39.47%	7.89%
JAIPUR	105	3.68	93.5	0	1	9	24	21	50
				0.00%	0.95%	8.57%	22.86%	20.00%	47.62%
JAISALMER	67	4.99	107.26	0	1	10	10	27	19
				0.00%	1.49%	14.93%	14.93%	40.30%	28.36%
JALORE	22	1.62	71.85	1	2	3	3	5	8
				4.55%	9.09%	13.64%	13.64%	22.73%	36.36%
JHALAWAR	23	2.9	22.97	0	3	11	8	1	0
				0.00%	13.04%	47.83%	34.78%	4.35%	0.00%
JHUNJHUNU	16	38.7	95.1	0	0	0	0	1	15
				0.00%	0.00%	0.00%	0.00%	6.25%	93.75%
JODHPUR	62	0.9	119.1	1	2	10	12	10	27
				1.61%	3.23%	16.13%	19.35%	16.13%	43.55%
KARAULI	18	2.2	32.64	0	4	3	5	6	0
				0.00%	22.22%	16.67%	27.78%	33.33%	0.00%
KOTA	15	1.25	22.76	2	3	5	4	1	0
				13.33%	20.00%	33.33%	26.67%	6.67%	0.00%
NAGAU	22	16.18	108.4	0	0	0	1	10	11
				0.00%	0.00%	0.00%	4.55%	45.45%	50.00%
PALI	22	2.18	22.25	0	3	9	8	2	0
				0.00%	13.64%	40.91%	36.36%	9.09%	0.00%
PRATAPGARH	18	3.8	16.4	0	4	7	7	0	0
				0.00%	22.22%	38.89%	38.89%	0.00%	0.00%
RAJSAMAND	25	4.27	23.15	0	1	10	12	2	0
				0.00%	4.00%	40.00%	48.00%	8.00%	0.00%
SAWAI MADHOPUR	17	1.74	23.75	1	1	6	8	1	0
				5.88%	5.88%	35.29%	47.06%	5.88%	0.00%
SIKAR	37	6.1	80.89	0	0	1	2	7	27
				0.00%	0.00%	2.70%	5.41%	18.92%	72.97%
SIROHI	14	5.83	43.8	0	0	1	8	4	1
				0.00%	0.00%	7.14%	57.14%	28.57%	7.14%
TONK	19	2.7	35.2	0	2	9	5	3	0
				0.00%	10.53%	47.37%	26.32%	15.79%	0.00%
UDAIPUR	39	1.83	26.05	1	9	16	11	2	0
				2.56%	23.08%	41.03%	28.21%	5.13%	0.00%
Grand Total	1030	0.52	128.15	13	80	208	287	221	221
				1.26%	7.77%	20.19%	27.86%	21.46%	21.46%

CATEGORISATION OF DEPTH TO WATER LEVEL - AUGUST 2019

District	No of well analysed	DTWL mbgl		No of well in different Ranges					
		Min	Max	0 to 2 (m)	2 to 5(m)	5 to 10(m)	10 to 20(m)	20 to 40(m)	>40(m)
AJMER	30	3.20	35.20	0	6	10	11	3	0
				0.00%	20.00%	33.33%	36.67%	10.00%	0.00%
ALWAR	32	6.35	88.70	0	0	5	2	15	10
				0.00%	0.00%	15.63%	6.25%	46.88%	31.25%
BANSWARA	40	0.25	3.80	26	14	0	0	0	0
				65.0%	35.0%	0.0%	0.0%	0.0%	0.0%
BARAN	19	0.62	24.60	11	6	1	0	1	0
				57.89%	31.58%	5.26%	0.00%	5.26%	0.00%
BARMER	51	3.25	88.95	0	3	5	14	15	14
				0.0%	5.9%	9.8%	27.5%	29.4%	27.5%
BHARATPUR	30	0.10	54.89	3	3	10	8	5	1
				10.00%	10.00%	33.33%	26.67%	16.67%	3.33%
BHILWARA	70	1.45	60.55	3	10	11	35	10	1
				4.29%	14.29%	15.71%	50.00%	14.29%	1.43%
BIKANER	50	4.68	114.95	0	1	3	17	14	15
				0.00%	2.00%	6.00%	34.00%	28.00%	30.00%
BUNDI	11	0.13	7.29	9	1	1	0	0	0
				81.82%	9.09%	9.09%	0.00%	0.00%	0.00%
CHITTAURGARH	15	0.05	25.60	2	2	6	2	3	0
				13.33%	13.33%	40.00%	13.33%	20.00%	0.00%
CHURU	30	5.09	64.65	0	0	2	6	13	9
				0.00%	0.00%	6.67%	20.00%	43.33%	30.00%
DAUSA	16	4.59	53.20	0	1	3	6	3	3
				0.00%	6.25%	18.75%	37.50%	18.75%	18.75%
DHAULPUR	15	0.85	35.90	2	2	4	4	3	0
				13.33%	13.33%	26.67%	26.67%	20.00%	0.00%
DUNGARPUR	19	0.06	11.70	11	5	2	1	0	0
				57.89%	26.32%	10.53%	5.26%	0.00%	0.00%
GANGANAGAR	38	1.20	39.62	1	3	13	15	6	0
				2.63%	7.89%	34.21%	39.47%	15.79%	0.00%
HANUMANGARH	39	0.50	48.80	2	2	3	14	16	2
				5.13%	5.13%	7.69%	35.90%	41.03%	5.13%
JAIPUR	110	0.50	92.80	1	7	24	15	14	49
				0.91%	6.36%	21.82%	13.64%	12.73%	44.55%
JAISALMER	64	1.57	107.02	1	0	10	9	26	18
				1.56%	0.00%	15.63%	14.06%	40.63%	28.13%
JALORE	22	2.20	65.10	0	3	2	3	5	9
				0.00%	13.64%	9.09%	13.64%	22.73%	40.91%
JHALAWAR	27	0.03	6.57	17	8	2	0	0	0
				62.96%	29.63%	7.41%	0.00%	0.00%	0.00%
JHUNJHUNU	15	40.48	94.90	0	0	0	0	0	15
				0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
JODHPUR	71	0.80	139.50	3	4	9	10	11	34
				4.23%	5.63%	12.68%	14.08%	15.49%	47.89%
KARALI	16	0.15	31.49	3	2	3	7	1	0
				18.75%	12.50%	18.75%	43.75%	6.25%	0.00%
KOTA	16	0.05	13.33	11	1	2	2	0	0
				68.75%	6.25%	12.50%	12.50%	0.00%	0.00%
NAGAU	25	11.03	115.00	0	0	0	4	9	12
				0.00%	0.00%	0.00%	16.00%	36.00%	48.00%
PALI	23	0.68	31.60	3	9	7	2	2	0
				13.04%	39.13%	30.43%	8.70%	8.70%	0.00%
PRATAPGARH	18	0.35	6.20	12	5	1	0	0	0
				66.67%	27.78%	5.56%	0.00%	0.00%	0.00%
RAJSAMAND	28	0.49	17.90	8	10	6	4	0	0
				28.57%	35.71%	21.43%	14.29%	0.00%	0.00%
SAWAI MADHOPUR	20	0.33	15.77	4	3	9	4	0	0
				20.00%	15.00%	45.00%	20.00%	0.00%	0.00%
SIKAR	38	5.85	79.86	0	0	1	2	7	28
				0.00%	0.00%	2.63%	5.26%	18.42%	73.68%
SIROHI	16	1.53	39.30	1	3	5	4	3	0
				6.25%	18.75%	31.25%	25.00%	18.75%	0.00%
TONK	21	0.74	15.80	7	9	3	2	0	0
				33.33%	42.86%	14.29%	9.52%	0.00%	0.00%
UDAIPUR	42	0.10	18.90	15	17	8	2	0	0
				35.71%	40.48%	19.05%	4.76%	0.00%	0.00%
Grand Total	1077	0.03	139.50	156	140	171	205	185	220
				14.48%	13.00%	15.88%	19.03%	17.18%	20.43%

CATEGORISATION OF DEPTH TO WATER LEVEL - NOVEMBER, 2019

District	No of well analysed	DTWL mbgl		No of well in different Ranges					
		Min	Max	0 to 2 (m)	2 to 5(m)	5 to 10(m)	10 to 20(m)	20 to 40(m)	>40(m)
AJMER	31	0.11	17.15	4	16	9	2	0	0
				12.90%	51.61%	29.03%	6.45%	0.00%	0.00%
ALWAR	39	7.4	89.15	0	0	4	6	17	12
				0.00%	0.00%	10.26%	15.38%	43.59%	30.77%
BANSWARA	42	0.8	7.7	17	21	4	0	0	0
				40.5%	50.0%	9.5%	0.0%	0.0%	0.0%
BARAN	18	0.85	8.2	7	9	2	0	0	0
				38.89%	50.00%	11.11%	0.00%	0.00%	0.00%
BARMER	49	3.1	99.35	0	3	3	13	16	14
				0.0%	6.1%	6.1%	26.5%	32.7%	28.6%
BHARATPUR	33	0.1	53.7	1	4	11	9	7	1
				3.03%	12.12%	33.33%	27.27%	21.21%	3.03%
BHILWARA	70	0.35	12.89	20	18	26	6	0	0
				28.57%	25.71%	37.14%	8.57%	0.00%	0.00%
BIKANER	47	4.18	121.28	0	1	4	13	14	15
				0.00%	2.13%	8.51%	27.66%	29.79%	31.91%
BUNDI	12	0.35	7.59	9	1	2	0	0	0
				75.00%	8.33%	16.67%	0.00%	0.00%	0.00%
CHITTAURGARH	19	0.58	12.08	6	5	6	2	0	0
				31.58%	26.32%	31.58%	10.53%	0.00%	0.00%
CHURU	28	5.73	63.44	0	0	2	5	12	9
				0.00%	0.00%	7.14%	17.86%	42.86%	32.14%
DAUSA	20	5.1	55.7	0	0	4	7	6	3
				0.00%	0.00%	20.00%	35.00%	30.00%	15.00%
DHAULPUR	17	2.95	35.9	0	5	3	4	5	0
				0.00%	29.41%	17.65%	23.53%	29.41%	0.00%
DUNGARPUR	23	0.1	11.95	11	9	2	1	0	0
				47.83%	39.13%	8.70%	4.35%	0.00%	0.00%
GANGANAGAR	39	1.4	39.55	1	4	15	14	5	0
				2.56%	10.26%	38.46%	35.90%	12.82%	0.00%
HANUMANGARH	39	0.3	48.92	2	2	5	13	14	3
				5.13%	5.13%	12.82%	33.33%	35.90%	7.69%
JAIPUR	114	2.2	91.2	0	9	26	11	18	50
				0.00%	7.89%	22.81%	9.65%	15.79%	43.86%
JAISALMER	64	2.05	105.77	0	2	6	13	26	17
				0.00%	3.13%	9.38%	20.31%	40.63%	26.56%
JALORE	22	1.68	67.75	1	1	2	4	6	8
				4.55%	4.55%	9.09%	18.18%	27.27%	36.36%
JHALAWAR	27	0.24	11.73	9	11	4	3	0	0
				33.33%	40.74%	14.81%	11.11%	0.00%	0.00%
JHUNJHUNU	14	40.2	97.1	0	0	0	0	0	14
				0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
JODHPUR	63	1.85	121.3	1	7	9	12	8	26
				1.59%	11.11%	14.29%	19.05%	12.70%	41.27%
KARALI	19	1.13	32.4	3	2	3	9	2	0
				15.79%	10.53%	15.79%	47.37%	10.53%	0.00%
KOTA	16	0.57	21.56	5	8	1	1	1	0
				31.25%	50.00%	6.25%	6.25%	6.25%	0.00%
NAGAU	25	10.45	108.92	0	0	0	4	10	11
				0.00%	0.00%	0.00%	16.00%	40.00%	44.00%
PALI	22	0.38	32.8	3	9	8	0	2	0
				13.64%	40.91%	36.36%	0.00%	9.09%	0.00%
PRATAPGARH	19	1.17	8	5	12	2	0	0	0
				26.32%	63.16%	10.53%	0.00%	0.00%	0.00%
RAJSAMAND	29	0.72	15.7	2	14	10	3	0	0
				6.90%	48.28%	34.48%	10.34%	0.00%	0.00%
SAWAI MADHOPUR	20	0.29	16.22	2	5	9	4	0	0
				10.00%	25.00%	45.00%	20.00%	0.00%	0.00%
SIKAR	38	8.34	82.17	0	0	1	2	8	27
				0.00%	0.00%	2.63%	5.26%	21.05%	71.05%
SIROHI	14	2.33	40.87	0	3	6	2	2	1
				0.00%	21.43%	42.86%	14.29%	14.29%	7.14%
TONK	20	1.2	19.7	7	6	4	3	0	0
				35.00%	30.00%	20.00%	15.00%	0.00%	0.00%
UDAIPUR	43	0.15	20.7	16	17	7	2	1	0
				37.21%	39.53%	16.28%	4.65%	2.33%	0.00%
Grand Total	1095	0.1	121.3	132	204	200	168	180	211
				12.05%	18.63%	18.26%	15.34%	16.44%	19.27%

CATEGORISATION OF DEPTH TO WATER LEVEL - JANUARY, 2020

District	No of well analysed	DTWL mbgl		No of well in different Ranges					
		Min	Max	0 to 2 (m)	2 to 5(m)	5 to 10(m)	10 to 20(m)	20 to 40(m)	>40(m)
AJMER	29	1.2	24.8	3	16	9	0	1	0
				10.34%	55.17%	31.03%	0.00%	3.45%	0.00%
ALWAR	30	7.05	89.06	0	0	5	1	14	10
				0.00%	0.00%	16.67%	3.33%	46.67%	33.33%
BANSWARA	40	0.04	11.51	10	18	11	1	0	0
				25.0%	45.0%	27.5%	2.5%	0.0%	0.0%
BARAN	19	1.19	11.55	2	12	4	1	0	0
				10.53%	63.16%	21.05%	5.26%	0.00%	0.00%
BARMER	50	3.8	99.25	0	4	3	15	13	15
				0.0%	8.0%	6.0%	30.0%	26.0%	30.0%
BHARATPUR	29	0.12	54.28	2	4	11	6	5	1
				6.90%	13.79%	37.93%	20.69%	17.24%	3.45%
BHILWARA	69	0.05	50.5	15	19	24	9	1	1
				21.74%	27.54%	34.78%	13.04%	1.45%	1.45%
BIKANER	49	4.45	121.6	0	1	3	16	13	16
				0.00%	2.04%	6.12%	32.65%	26.53%	32.65%
BUNDI	12	0.9	8.14	9	0	3	0	0	0
				75.00%	0.00%	25.00%	0.00%	0.00%	0.00%
CHITTAURGARH	18	0.8	19.18	3	3	8	4	0	0
				16.67%	16.67%	44.44%	22.22%	0.00%	0.00%
CHURU	29	6.92	67.04	0	0	3	4	13	9
				0.00%	0.00%	10.34%	13.79%	44.83%	31.03%
DAUSA	17	4.52	55.92	0	1	2	8	3	3
				0.00%	5.88%	11.76%	47.06%	17.65%	17.65%
DHAULPUR	16	0.66	36	2	1	5	4	4	0
				12.50%	6.25%	31.25%	25.00%	25.00%	0.00%
DUNGARPUR	23	0.37	11.65	3	14	5	1	0	0
				13.04%	60.87%	21.74%	4.35%	0.00%	0.00%
GANGANAGAR	38	1.24	39.38	1	4	12	16	5	0
				2.63%	10.53%	31.58%	42.11%	13.16%	0.00%
HANUMANGARH	39	0.4	45.79	2	2	5	12	15	3
				5.13%	5.13%	12.82%	30.77%	38.46%	7.69%
JAIPUR	113	2	93.18	1	10	21	16	18	47
				0.88%	8.85%	18.58%	14.16%	15.93%	41.59%
JAISALMER	64	4.79	105.77	0	1	9	10	25	19
				0.00%	1.56%	14.06%	15.63%	39.06%	29.69%
JALORE	19	1.85	78.78	1	2	1	2	4	9
				5.26%	10.53%	5.26%	10.53%	21.05%	47.37%
JHALAWAR	27	0.65	13.08	5	12	7	3	0	0
				18.52%	44.44%	25.93%	11.11%	0.00%	0.00%
JHUNJHUNU	15	38	97.2	0	0	0	0	1	14
				0.00%	0.00%	0.00%	0.00%	6.67%	93.33%
JODHPUR	71	1.8	140.5	1	8	6	11	12	33
				1.41%	11.27%	8.45%	15.49%	16.90%	46.48%
KARALI	17	0.1	33.04	3	2	3	8	1	0
				17.65%	11.76%	17.65%	47.06%	5.88%	0.00%
KOTA	17	0.25	23.11	4	7	3	2	1	0
				23.53%	41.18%	17.65%	11.76%	5.88%	0.00%
NAGAU	26	10.65	108.95	0	0	0	5	12	9
				0.00%	0.00%	0.00%	19.23%	46.15%	34.62%
PALI	23	0.86	37.4	3	7	11	0	2	0
				13.04%	30.43%	47.83%	0.00%	8.70%	0.00%
PRATAPGARH	20	1.14	9.85	4	9	7	0	0	0
				20.00%	45.00%	35.00%	0.00%	0.00%	0.00%
RAJSAMAND	29	0.7	14.58	7	11	8	3	0	0
				24.14%	37.93%	27.59%	10.34%	0.00%	0.00%
SAWAI MADHOPUR	20	0.94	17.24	3	4	10	3	0	0
				15.00%	20.00%	50.00%	15.00%	0.00%	0.00%
SIKAR	38	9.15	81.08	0	0	2	1	7	28
				0.00%	0.00%	5.26%	2.63%	18.42%	73.68%
SIROHI	13	3.16	43.8	0	1	7	3	1	1
				0.00%	7.69%	53.85%	23.08%	7.69%	7.69%
TONK	20	1.7	20.19	4	8	5	2	1	0
				20.00%	40.00%	25.00%	10.00%	5.00%	0.00%
UDAIPUR	41	0.25	15.25	11	15	11	4	0	0
				26.83%	36.59%	26.83%	9.76%	0.00%	0.00%
Grand Total	1080	0.04	140.5	99	196	224	171	172	218
				9.17%	18.15%	20.74%	15.83%	15.93%	20.19%

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2019 TO AUGUST, 2019														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	28	0.1	4.48	-	-	21 75.0%	6 21.4%	1 3.6%	0 0.0%	0 0.0%	0 0.0%	28	0
2	ALWAR	30	0.65	25.3	2.22	2.22	10 33.3%	10 33.3%	9 30.0%	0 0.0%	1 3.3%	0 0.0%	29	1
3	BANSWARA	31	1.25	15.78	-	-	1 3.2%	10 32.3%	20 64.5%	0 0.0%	0 0.0%	0 0.0%	31	0
4	BARAN	18	1.2	10.8	-	-	1 5.6%	8 44.4%	9 50.0%	0 0.0%	0 0.0%	0 0.0%	18	0
5	BARMER	47	0.07	9.3	0.05	2	20 42.6%	5 10.6%	4 8.5%	15 31.9%	0 0.0%	0 0.0%	29	15
6	BHARATPUR	27	0.05	6.2	1.4	1.4	15 55.6%	9 33.3%	1 3.7%	1 3.7%	0 0.0%	0 0.0%	25	1
7	BHILWARA	68	0.2	6.65	-	-	32 47.1%	24 35.3%	12 17.6%	0 0.0%	0 0.0%	0 0.0%	68	0
8	BIKANER	45	0.08	13.2	0.03	1.61	24 53.3%	3 6.7%	8 17.8%	9 20.0%	0 0.0%	0 0.0%	35	9
9	BUNDI	7	0.2	10.1	-	-	2 28.6%	1 14.3%	4 57.1%	0 0.0%	0 0.0%	0 0.0%	7	0
10	CHITTAURGARH	12	0.7	10.6	-	-	4 33.3%	5 41.7%	3 25.0%	0 0.0%	0 0.0%	0 0.0%	12	0
11	CHURU	28	0.17	20.72	0.05	3.48	21 75.0%	1 3.6%	2 7.1%	3 10.7%	1 3.6%	0 0.0%	24	4
12	DAUSA	14	2.71	6.38	-	-	0 0.0%	10 71.4%	4 28.6%	0 0.0%	0 0.0%	0 0.0%	14	0
13	DHAULPUR	15	0.7	13.55	5.75	5.75	5 33.3%	1 6.7%	8 53.3%	0 0.0%	0 0.0%	1 6.7%	14	1
14	DUNGARPUR	14	0.78	13.94	-	-	1 7.1%	4 28.6%	9 64.3%	0 0.0%	0 0.0%	0 0.0%	14	0
15	GANGANAGAR	38	0.01	4.66	0.08	6.28	23 60.5%	0 0.0%	1 2.6%	6 15.8%	0 0.0%	1 2.6%	24	7
16	HANUMANGARH	38	0.02	9.2	0.04	3.54	17 44.7%	0 0.0%	2 5.3%	14 36.8%	3 7.9%	0 0.0%	19	17
17	JAIPUR	101	0.03	23	0.1	6.1	17 16.8%	32 31.7%	39 38.6%	6 5.9%	3 3.0%	2 2.0%	88	11
18	JAISALMER	64	0.02	5.76	0.01	7.75	45 70.3%	2 3.1%	1 1.6%	11 17.2%	1 1.6%	3 4.7%	48	15
19	JALORE	21	0.1	21.45	0.1	4.4	6 28.6%	2 9.5%	2 9.5%	8 38.1%	1 4.8%	1 4.8%	10	10
20	JHALAWAR	23	2.85	22.6	-	-	0 0.0%	4 17.4%	19 82.6%	0 0.0%	0 0.0%	0 0.0%	23	0
21	JHUNJHUNU	15	0.1	1.35	0.02	10.37	5 33.3%	0 0.0%	0 0.0%	4 26.7%	2 13.3%	4 26.7%	5	10
22	JODHPUR	59	0.03	9	0.02	13.9	23 39.0%	8 13.6%	9 15.3%	16 27.1%	2 3.4%	1 1.7%	40	19
23	KARALI	16	0.1	9.37	0.7	7.29	4 25.0%	6 37.5%	3 18.8%	2 12.5%	0 0.0%	1 6.3%	13	3
24	KOTA	14	0.3	10.8	-	-	3 21.4%	1 7.1%	10 71.4%	0 0.0%	0 0.0%	0 0.0%	14	0
25	NAGAU	21	0.3	18.52	0.1	2	7 33.3%	4 19.0%	5 23.8%	5 23.8%	0 0.0%	0 0.0%	16	5
26	PALI	21	0.85	16	1.85	1.85	5 23.8%	7 33.3%	8 38.1%	1 4.8%	0 0.0%	0 0.0%	20	1
27	PRATAPGARH	16	3.1	14.1	-	-	0 0.0%	1 6.3%	15 93.8%	0 0.0%	0 0.0%	0 0.0%	16	0
28	RAJSAMAND	24	0.6	17.45	-	-	2 8.3%	2 8.3%	20 83.3%	0 0.0%	0 0.0%	0 0.0%	24	0
29	SAWAI MADHOPUR	17	0.18	10.3	-	-	5 29.4%	5 29.4%	7 41.2%	0 0.0%	0 0.0%	0 0.0%	17	0
30	SIKAR	37	0.16	5.55	0.06	4.97	16 43.2%	10 27.0%	1 2.7%	7 18.9%	1 2.7%	1 2.7%	27	9
31	SIROHI	14	1.9	17	-	-	2 14.3%	1 7.1%	11 78.6%	0 0.0%	0 0.0%	0 0.0%	14	0
32	TONK	19	0.9	32.05	3	3	3 15.8%	4 21.1%	10 52.6%	0 0.0%	1 5.3%	0 0.0%	17	1
33	UDAIPUR	39	0.60	14.85	1.70	1.70	7 17.9%	6 15.4%	24 61.5%	2 5.1%	0 0.0%	0 0.0%	37	2
	Grand Total	981	0.01	32.05	0.01	13.90	347 35.4%	192 19.6%	281 28.6%	110 11.2%	16 1.6%	15 1.5%	820	141

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2019 TO NOVEMBER, 2019														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Well	
			Rise		Fall		Rise			Fall				
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4	Rise	Fall
1	AJMER	28	0.5	23.88	-	-	5 17.9%	3 10.7%	20 71.4%	0 0.0%	0 0.0%	0 0.0%	28	0
2	ALWAR	33	0.55	20.95	0.05	4.35	8 24.2%	8 24.2%	9 27.3%	4 12.1%	1 3.0%	1 3.0%	25	6
3	BANSWARA	32	0.3	15.23	-	-	6 18.8%	10 31.3%	16 50.0%	0 0.0%	0 0.0%	0 0.0%	32	0
4	BARAN	17	1.25	19.8	-	-	3 17.6%	5 29.4%	9 52.9%	0 0.0%	0 0.0%	0 0.0%	17	0
5	BARMER	46	0.1	6.2	0.03	2	12 26.1%	5 10.9%	3 6.5%	26 56.5%	0 0.0%	0 0.0%	20	26
6	BHARATPUR	29	0.2	9.65	0.1	1.7	14 48.3%	4 13.8%	3 10.3%	7 24.1%	0 0.0%	0 0.0%	21	7
7	BHILWARA	68	1.07	29.9	-	-	3 4.4%	9 13.2%	56 82.4%	0 0.0%	0 0.0%	0 0.0%	68	0
8	BIKANER	41	0.33	14.36	0.01	0.92	19 46.3%	11 26.8%	9 22.0%	2 4.9%	0 0.0%	0 0.0%	39	2
9	BUNDI	7	0.1	8.9	-	-	2 28.6%	2 28.6%	3 42.9%	0 0.0%	0 0.0%	0 0.0%	7	0
10	CHITTAURGARH	14	1.12	23.13	0.13	0.13	1 7.1%	1 7.1%	11 78.6%	1 7.1%	0 0.0%	0 0.0%	13	1
11	CHURU	27	0.06	20.08	0.02	2.83	12 44.4%	7 25.9%	3 11.1%	4 14.8%	1 3.7%	0 0.0%	22	5
12	DAUSA	14	0.4	5.45	-	-	4 28.6%	7 50.0%	3 21.4%	0 0.0%	0 0.0%	0 0.0%	14	0
13	DHAULPUR	16	0.2	11.95	6.15	7.05	6 37.5%	3 18.8%	5 31.3%	0 0.0%	0 0.0%	2 12.5%	14	2
14	DUNGARPUR	17	1.9	12.56	-	-	1 5.9%	3 17.6%	13 76.5%	0 0.0%	0 0.0%	0 0.0%	17	0
15	GANGANAGAR	39	0.03	19.75	0.04	15.66	18 46.2%	2 5.1%	1 2.6%	15 38.5%	1 2.6%	2 5.1%	21	18
16	HANUMANGARH	38	0.04	4.62	0.04	2.62	16 42.1%	0 0.0%	1 2.6%	20 52.6%	1 2.6%	0 0.0%	17	21
17	JAIPUR	101	0.09	21.2	0.07	7.4	22 21.8%	29 28.7%	34 33.7%	9 8.9%	2 2.0%	5 5.0%	85	16
18	JAISALMER	64	0.05	18.9	0.02	15.3	25 39.1%	4 6.3%	1 1.6%	24 37.5%	2 3.1%	6 9.4%	30	32
19	JALORE	20	0.33	4.13	0.06	10.12	7 35.0%	1 5.0%	2 10.0%	7 35.0%	1 5.0%	2 10.0%	10	10
20	JHALAWAR	23	2.5	11.75	-	-	0 0.0%	5 21.7%	18 78.3%	0 0.0%	0 0.0%	0 0.0%	23	0
21	JHUNJHUNU	13	0.8	1.2	0.15	13.15	4 30.8%	0 0.0%	0 0.0%	5 38.5%	0 0.0%	4 30.8%	4	9
22	JODHPUR	55	0.17	16.85	0.07	13.85	16 29.1%	8 14.5%	12 21.8%	11 20.0%	3 5.5%	4 7.3%	36	18
23	KARAULI	17	0.5	12.7	0.7	8.2	6 35.3%	3 17.6%	4 23.5%	2 11.8%	1 5.9%	1 5.9%	13	4
24	KOTA	14	0.62	11.15	-	-	5 35.7%	3 21.4%	6 42.9%	0 0.0%	0 0.0%	0 0.0%	14	0
25	NAGOUR	21	0.6	19.1	0.3	1.7	4 19.0%	3 14.3%	8 38.1%	6 28.6%	0 0.0%	0 0.0%	15	6
26	PALI	20	0.55	12.26	1.47	1.47	3 15.0%	7 35.0%	9 45.0%	1 5.0%	0 0.0%	0 0.0%	19	1
27	PRATAPGARH	17	1.9	12	-	-	1 5.9%	6 35.3%	10 58.8%	0 0.0%	0 0.0%	0 0.0%	17	0
28	RAJSAMAND	25	1.35	16.3	1.7	1.7	2 8.0%	4 16.0%	18 72.0%	1 4.0%	0 0.0%	0 0.0%	24	1
29	SAWAI MADHOPUR	17	0.55	11.15	0.45	1.9	3 17.6%	5 29.4%	7 41.2%	2 11.8%	0 0.0%	0 0.0%	15	2
30	SIKAR	37	0.55	6.17	0.26	5	11 29.7%	14 37.8%	3 8.1%	6 16.2%	1 2.7%	2 5.4%	28	9
31	SIROHI	12	2.89	12.98	1.58	1.58	0 0.0%	4 33.3%	7 58.3%	1 8.3%	0 0.0%	0 0.0%	11	1
32	TONK	18	0.85	32	0.2	3.04	1 5.6%	3 16.7%	12 66.7%	1 5.6%	1 5.6%	0 0.0%	16	2
33	UDAIPUR	39	0.05	13.50	0.35	2.00	6 15.4%	9 23.1%	21 53.8%	3 7.7%	0 0.0%	0 0.0%	36	3
	Grand Total	979	0.03	32.00	0.01	15.66	246 25.1%	188 19.2%	337 34.4%	158 16.1%	15 1.5%	29 3.0%	771	202

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2019 TO JANUARY, 2020														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	27	1.2	23.38	1.65	1.65	4	4	18	1	0	0	26	1
2	ALWAR	28	0.04	24.83	0.61	3	10	7	3	1	0	24	4	
3	BANSWARA	30	0.71	10.03	-	-	5	15	10	0	0	30	0	
4	BARAN	18	0.25	16.45	-	-	7	5	6	0	0	18	0	
5	BARMER	47	0.1	5.65	0.02	9.55	16	4	3	20	2	23	23	
6	BHARATPUR	26	0.26	4.67	0.14	3.24	13	6	1	5	1	20	6	
7	BHILWARA	67	1.5	28.9	-	-	2	11	54	0	0	67	0	
8	BIKANER	45	0.07	14.62	0.07	5.85	25	5	7	7	0	37	8	
9	BUNDI	7	1.55	8.25	0.15	0.15	2	1	3	1	0	6	1	
10	CHITTAURGARH	13	1.1	23.05	1.65	1.65	2	0	10	1	0	12	1	
11	CHURU	27	0.05	18.89	0.29	3.04	19	1	2	4	1	22	5	
12	DAUSA	14	0.18	7.45	-	-	5	8	1	0	0	14	0	
13	DHAULPUR	16	0.56	13.49	1.8	6.29	6	0	8	1	0	14	2	
14	DUNGARPUR	17	1.04	9.28	-	-	3	4	10	0	0	17	0	
15	GANGANAGAR	38	0.03	19.67	0.01	15.55	17	1	1	15	0	19	18	
16	HANUMANGARH	38	0.12	4.4	0.01	2.02	12	2	1	19	1	15	20	
17	JAIPUR	101	0.03	19.67	0.03	8.35	28	19	24	19	3	71	30	
18	JAISALMER	64	0.05	22.6	0.04	22.4	24	2	4	26	2	30	34	
19	JALORE	18	0.45	2.46	0.11	11.46	4	2	0	8	1	6	12	
20	JHALAWAR	23	0.1	17.4	-	-	2	8	13	0	0	23	0	
21	JHUNJHUNU	13	0.52	0.86	0.4	13.17	4	0	0	3	2	4	9	
22	JODHPUR	55	0.05	8.3	0.07	24.15	20	6	9	12	2	35	20	
23	KARALI	17	0.19	11.08	0.52	8.84	9	0	5	2	0	14	3	
24	KOTA	15	0.45	8.1	0.35	0.45	3	4	5	2	0	12	2	
25	NAGAU	21	1.2	23.45	0.1	1.5	2	6	6	7	0	14	7	
26	PALI	21	0.33	12.9	1.79	1.79	5	7	8	1	0	20	1	
27	PRATAPGARH	18	0.9	12.5	-	-	4	5	9	0	0	18	0	
28	RAJSAMAND	25	2.31	14.9	-	-	0	4	21	0	0	25	0	
29	SAWAI MADHOPUR	17	0.48	12.75	0.06	0.6	4	6	5	2	0	15	2	
30	SIKAR	37	0.05	4.28	0.06	5.03	18	8	1	5	3	27	9	
31	SIROHI	11	2.4	10.65	-	-	0	4	6	0	0	10	0	
32	TONK	18	0.05	31.95	-	-	2	6	10	0	0	18	0	
33	UDAIPUR	37	0.33	13.78	0.32	0.54	8	8	19	2	0	35	2	
	Grand Total	969	0.03	31.95	0.01	24.15	285	169	287	166	19	741	220	

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2018 TO MAY, 2019														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	26	0.40	1.90	0.25	9.65	8	0	0	10	4	3	8	17
2	ALWAR	27	0.50	5.05	0.75	10.30	2	0	1	6	8	10	3	24
3	BANSWARA	32	0.08	1.50	0.01	5.30	2	0	0	25	1	1	2	27
4	BARAN	18	0.50	2.49	0.41	18.43	3	1	0	10	3	1	4	14
5	BARMER	48	0.05	14.00	0.05	5.60	8	1	2	28	6	3	11	37
6	BHARATPUR	25	0.22	3.70	0.10	7.25	6	5	0	8	3	3	11	14
7	BHILWARA	35	0.20	12.35	0.65	14.10	6	5	4	12	3	4	15	19
8	BIKANER	36	0.10	3.20	0.05	14.15	9	2	0	18	3	4	11	25
9	BUNDI	6	0.28	0.28	0.61	5.00	1	0	0	4	0	1	1	5
10	CHITTAURGARH	13	0.25	2.30	0.48	20.15	3	1	0	5	2	2	4	9
11	CHURU	28	0.05	10.02	0.05	19.45	5	0	1	17	1	4	6	22
12	DAUSA	11	1.50	2.00	0.40	6.20	3	0	0	6	1	1	3	8
13	DHAULPUR	12	0.70	5.10	1.40	6.25	4	1	3	1	1	2	8	4
14	DUNGARPUR	18	0.02	0.02	0.06	0.63	1	0	0	16	0	0	1	16
15	GANGANAGAR	37	0.01	9.20	0.01	1.23	13	0	1	23	0	0	14	23
16	HANUMANGARH	34	0.02	6.08	0.01	1.63	8	1	2	23	0	0	11	23
17	JAIPUR	94	0.06	12.03	0.10	16.30	19	2	7	35	16	15	28	66
18	JAISALMER	58	0.01	6.05	0.01	12.67	16	2	2	29	2	5	20	36
19	JALORE	22	-	-	0.15	20.55	0	0	0	13	4	4	0	21
20	JHALAWAR	22	1.32	2.43	0.18	15.43	1	1	0	4	4	12	2	20
21	JHUNJHUNU	14	0.87	10.20	0.20	5.97	2	4	2	3	2	1	8	6
22	JODHPUR	40	0.09	10.68	0.04	20.78	11	0	1	14	6	7	12	27
23	KARALI	15	0.40	14.50	0.20	1.30	3	3	3	6	0	0	9	6
24	KOTA	13	0.27	0.57	1.01	7.68	3	0	0	3	3	4	3	10
25	NAGAUR	20	0.10	7.70	0.40	19.90	3	1	1	6	4	5	5	15
26	PALI	21	0.20	0.60	0.30	8.20	2	0	0	9	6	4	2	19
27	PRATAPGARH	17	0.10	4.95	0.08	4.67	3	2	1	9	0	2	6	11
28	RAJSAMAND	25	0.10	1.15	0.10	6.22	3	0	0	19	1	2	3	22
29	SAWAI MADHOPUR	15	0.20	4.56	0.25	7.77	4	4	1	4	1	1	9	6
30	SIKAR	35	0.65	14.40	0.60	5.75	2	2	5	11	11	3	9	25
31	SIROHI	13	9.20	9.20	1.10	12.30	0	0	1	2	3	7	1	12
32	TONK	19	2.45	2.80	0.20	18.00	0	2	0	2	5	10	2	17
33	UDAIPUR	39	0.13	6.45	0.08	6.45	5	3	1	25	3	2	9	30
	Grand Total	888	0.01	14.50	0.01	20.78	159	43	39	406	107	123	241	636

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN AUGUST, 2018 TO AUGUST, 2019														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	28	0.10	1.60	0.75	22.14	5	0	0	8	5	9	5	22
2	ALWAR	25	1.13	14.30	0.57	21.21	2	2	1	3	10	7	5	20
3	BANSWARA	39	0.03	3.20	0.05	1.95	19	4	0	13	0	0	23	13
4	BARAN	19	0.10	7.15	0.98	13.00	5	1	1	5	4	3	7	12
5	BARMER	46	0.05	7.70	0.02	6.20	13	2	3	18	7	1	18	26
6	BHARATPUR	26	0.05	23.80	0.15	5.70	7	4	2	7	4	2	13	13
7	BHILWARA	37	0.05	2.00	0.30	16.40	2	1	0	6	6	22	3	34
8	BIKANER	39	0.09	14.45	0.01	3.75	9	6	5	17	2	0	20	19
9	BUNDI	11	0.05	3.15	0.05	0.10	8	1	0	2	0	0	9	2
10	CHITTAURGARH	13	0.50	6.40	0.90	13.80	1	0	1	3	1	6	2	10
11	CHURU	28	0.04	9.70	0.11	11.00	13	2	1	8	1	2	16	11
12	DAUSA	16	0.46	11.02	0.05	11.53	2	5	4	1	0	4	11	5
13	DHAULPUR	12	1.70	14.70	0.03	5.40	1	0	5	4	1	1	6	6
14	DUNGARPUR	19	0.10	2.70	0.10	1.10	11	3	0	5	0	0	14	5
15	GANGANAGAR	37	0.04	9.99	0.05	6.38	19	0	3	13	0	2	22	15
16	HANUMANGARH	37	0.04	4.33	0.02	11.18	9	0	1	21	3	3	10	27
17	JAIPUR	105	0.20	16.30	0.01	25.69	24	26	17	22	7	9	67	38
18	JAISALMER	57	0.04	5.29	0.01	10.25	23	1	2	24	3	2	26	29
19	JALORE	20	0.10	2.80	0.10	7.10	3	1	0	10	1	5	4	16
20	JHALAWAR	27	0.04	11.45	0.10	3.68	8	6	5	7	1	0	19	8
21	JHUNJHUNU	13	1.60	6.30	0.45	6.30	1	0	1	5	5	1	2	11
22	JODHPUR	39	0.10	9.44	0.10	15.90	10	4	4	12	3	3	18	18
23	KARALI	15	0.35	9.76	0.59	12.19	7	0	2	2	1	3	9	6
24	KOTA	16	0.10	9.40	0.05	2.73	5	1	3	6	1	0	9	7
25	NAGAUR	22	0.18	14.00	0.27	11.96	8	1	5	4	0	4	14	8
26	PALI	22	0.10	7.10	0.40	1.55	14	2	3	3	0	0	19	3
27	PRATAPGARH	16	0.05	4.95	0.05	0.95	8	1	1	5	0	0	10	5
28	RAJSAMAND	27	0.15	10.85	0.05	12.80	7	3	11	4	0	2	21	6
29	SAWAI MADHOPUR	17	0.25	8.39	0.09	6.45	6	2	2	3	1	3	10	7
30	SIKAR	37	0.12	11.87	0.01	7.02	7	2	2	16	8	2	11	26
31	SIROHI	14	0.15	9.60	0.60	8.30	6	1	3	1	1	2	10	4
32	TONK	21	0.18	15.62	0.40	2.60	8	2	6	4	1	0	16	5
33	UDAIPUR	42	0.10	6.60	0.05	4.25	27	3	1	6	2	1	31	9
	Grand Total	942	0.03	23.80	0.01	25.69	298	87	95	268	79	99	480	446

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN NOVEMBER, 2018 TO NOVEMBER, 2019														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	30	0.18	21.95	0.25	5.41	4	8	11	4	2	1	23	7
2	ALWAR	32	0.22	12.20	0.05	19.80	5	4	2	10	6	4	11	20
3	BANSWARA	38	0.15	14.05	0.10	3.40	16	8	5	7	2	0	29	9
4	BARAN	18	0.20	9.30	1.80	1.80	8	6	3	1	0	0	17	1
5	BARMER	43	0.04	17.44	0.10	4.99	8	2	3	25	3	2	13	30
6	BHARATPUR	28	0.10	22.00	0.25	4.50	10	1	1	10	4	1	12	15
7	BHILWARA	38	0.56	18.40	0.73	1.45	4	11	19	4	0	0	34	4
8	BIKANER	41	0.23	16.41	0.15	2.20	18	8	5	8	1	0	31	9
9	BUNDI	12	0.05	4.80	-	-	7	4	1	0	0	0	12	0
10	CHITTAURGARH	16	0.17	15.45	0.03	0.03	3	4	8	1	0	0	15	1
11	CHURU	27	0.15	10.33	0.02	9.23	12	5	1	7	0	1	18	8
12	DAUSA	20	0.30	7.25	2.15	12.60	6	3	6	0	2	3	15	5
13	DHAULPUR	14	0.20	12.30	0.05	3.10	4	1	4	3	2	0	9	5
14	DUNGARPUR	22	0.20	9.60	0.20	4.00	7	8	5	1	1	0	20	2
15	GANGANAGAR	36	0.01	19.78	0.05	15.80	12	1	1	20	0	1	14	21
16	HANUMANGARH	36	0.02	1.00	0.03	3.00	10	0	0	24	2	0	10	26
17	JAIPUR	110	0.01	17.60	0.02	22.65	22	24	27	20	5	12	73	37
18	JAISALMER	56	0.05	14.80	0.10	14.85	21	2	3	21	3	5	26	29
19	JALORE	22	0.02	7.43	0.09	11.07	3	0	2	9	2	6	5	17
20	JHALAWAR	27	0.20	9.50	0.30	8.05	10	7	6	2	0	2	23	4
21	JHUNJHUNU	13	0.67	5.04	0.60	9.05	2	0	2	4	2	3	4	9
22	JODHPUR	40	0.40	17.35	0.10	10.70	8	8	6	11	3	4	22	18
23	KARALI	17	0.45	4.45	2.75	13.02	9	0	1	0	3	3	10	6
24	KOTA	16	0.30	6.10	-	-	8	2	4	0	0	0	14	0
25	NAGPUR	24	0.20	13.10	0.58	12.15	6	1	7	5	2	3	14	10
26	PALI	21	0.05	8.00	0.03	0.10	7	6	5	3	0	0	18	3
27	PRATAPGARH	16	1.05	5.15	0.33	5.46	3	7	2	3	0	1	12	4
28	RAJSAMAND	27	0.05	23.75	0.10	10.40	3	6	14	2	0	2	23	4
29	SAWAI MADHOPUR	18	0.50	6.15	0.10	3.25	5	2	4	4	1	0	11	5
30	SIKAR	37	0.10	13.21	0.04	3.79	11	3	1	16	6	0	15	22
31	SIROHI	13	0.39	10.93	1.97	5.56	4	4	3	1	0	1	11	2
32	TONK	20	0.08	10.75	0.10	4.09	8	3	6	2	0	1	17	3
33	UDAIPUR	42	0.10	10.55	0.05	8.95	17	10	8	6	0	1	35	7
	Grand Total	970	0.01	23.75	0.02	22.65	281	159	176	234	52	57	616	343

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN JANUARY, 2019 TO JANUARY, 2020														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	29	0.20	22.25	0.35	2.05	4	7	13	4	1	0	24	5
2	ALWAR	23	0.21	16.73	0.66	21.73	6	2	3	3	4	5	11	12
3	BANSWARA	37	0.20	7.68	0.03	2.90	7	2	3	23	2	0	12	25
4	BARAN	16	0.06	4.15	0.16	1.07	7	4	1	4	0	0	12	4
5	BARMER	46	0.04	14.55	0.10	11.05	11	3	5	20	2	1	19	23
6	BHARATPUR	26	0.82	22.96	0.07	3.52	5	4	3	9	5	0	12	14
7	BHILWARA	35	0.25	14.40	0.69	3.00	4	7	22	1	1	0	33	2
8	BIKANER	44	0.01	11.15	0.15	7.40	24	1	3	12	2	1	28	15
9	BUNDI	11	0.08	6.81	0.04	0.59	3	2	2	4	0	0	7	4
10	CHITTAURGARH	17	0.28	19.95	1.21	2.06	4	4	7	1	1	0	15	2
11	CHURU	28	0.03	16.59	0.05	0.80	12	1	1	12	0	0	14	12
12	DAUSA	17	0.76	8.30	2.09	10.92	3	3	7	0	2	2	13	4
13	DHAULPUR	13	0.15	13.66	2.09	4.08	5	1	4	0	1	1	10	2
14	DUNGARPUR	18	0.15	13.35	0.14	4.25	8	3	2	4	0	1	13	5
15	GANGANAGAR	37	0.02	19.66	0.03	15.67	17	0	1	16	0	3	18	19
16	HANUMANGARH	37	0.07	4.33	0.03	1.84	11	2	1	23	0	0	14	23
17	JAIPUR	105	0.18	17.19	0.10	21.94	26	10	25	18	12	12	61	42
18	JAISALMER	60	0.05	22.65	0.10	22.30	19	3	5	17	5	3	27	25
19	JALORE	19	1.13	2.79	0.05	24.38	2	1	0	8	2	5	3	15
20	JHALAWAR	26	0.01	16.20	0.08	0.90	9	5	8	4	0	0	22	4
21	JHUNJHUNU	14	0.60	7.57	0.17	4.00	2	0	2	7	3	0	4	10
22	JODHPUR	40	0.10	6.20	0.20	23.30	18	4	4	7	4	2	26	13
23	KARAULI	15	0.13	7.84	3.04	10.64	6	4	1	0	3	1	11	4
24	KOTA	17	0.38	4.36	0.26	1.36	8	2	1	6	0	0	11	6
25	NAGAU	24	0.20	11.65	0.40	6.98	8	3	6	3	2	1	17	6
26	PALI	22	0.50	5.68	0.22	3.30	7	6	4	4	1	0	17	5
27	PRATAPGARH	18	0.25	7.83	0.10	3.48	7	3	2	5	1	0	12	6
28	RAJSAMAND	25	1.49	11.40	0.15	0.17	4	5	14	2	0	0	23	2
29	SAWAI MADHOPUR	17	0.10	8.91	0.02	4.03	4	2	4	4	2	1	10	7
30	SIKAR	38	0.14	4.90	0.06	5.13	4	1	1	22	4	2	6	28
31	SIROHI	12	0.30	13.20	0.05	1.18	4	3	2	3	0	0	9	3
32	TONK	18	0.12	21.18	0.71	1.38	6	5	4	3	0	0	15	3
33	UDAIPUR	40	0.01	14.58	0.04	3.02	8	9	11	9	2	0	28	11
	Grand Total	944	0.01	22.96	0.02	24.38	273	112	172	258	62	41	557	361

Annexure XII

CATEGORISATION OF CHANGES IN WATER LEVEL DURING MAY 2019 WITH RESPECT TO DECADAL AVERAGE OF MAY (2009- 2018)														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall				
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4	Rise	Fall
1	AJMER	26	0.04	2.86	0.01	5.66	6	2	0	12	2	4	8	18
2	ALWAR	27	0.38	5.24	0.47	22.71	1	0	1	3	0	22	2	25
3	BANSWARA	32	0.04	3.74	0.04	4.19	16	1	0	10	4	1	17	15
4	BARAN	19	0.13	1.36	0.01	18.43	7	0	0	8	3	1	7	12
5	BARMER	49	0.32	9.13	0.01	9.13	9	4	2	21	7	6	15	34
6	BHARATPUR	27	0.08	10.04	0.09	10.63	5	1	1	7	7	6	7	20
7	BHILWARA	35	0.27	7.85	0.09	9.88	9	5	3	7	4	7	17	18
8	BIKANER	46	0.01	2.92	0.2	16.63	11	5	0	14	8	8	16	30
9	BUNDI	7	0.31	3.2	0.3	4.21	3	1	0	2	0	1	4	3
10	CHITTAURGARH	14	0.58	3.21	0.12	15.49	3	2	0	5	1	3	5	9
11	CHURU	32	0.14	11.09	0.07	16.98	5	4	1	15	5	2	10	22
12	DAUSA	12	0.95	2.7	0.55	20.5	2	1	0	4	1	4	3	9
13	DHAULPUR	13	0.24	9.03	0.21	18.21	5	0	2	1	0	5	7	6
14	DUNGARPUR	18	0.29	1.71	0.18	2.14	9	0	0	8	1	0	9	9
15	GANGANAGAR	39	0.23	9.27	0.03	2.4	22	3	1	12	1	0	26	13
16	HANUMANGARH	38	0.13	11.79	0.01	5.03	12	2	4	12	6	2	18	20
17	JAIPUR	101	0.17	13.28	0.11	24.09	7	8	8	24	23	31	23	78
18	JAISALMER	63	0.07	3.86	0.05	8.4	20	8	0	24	5	6	28	35
19	JALORE	22	0.13	8.96	0.02	27.82	7	1	2	8	1	3	10	12
20	JHALAWAR	22	0.01	5.79	0.17	9.59	9	1	2	8	1	1	12	10
21	JHUNJHUNU	16	0.24	10.39	1.05	19.09	2	1	1	2	4	6	4	12
22	JODHPUR	41	0.16	8.35	0.08	27.95	8	4	2	13	8	6	14	27
23	KARAUJI	17	-	12.68	0.19	3.31	6	3	2	4	2	0	11	6
24	KOTA	14	0.56	0.99	0.34	4.05	5	0	0	7	1	1	5	9
25	NAGAU	20	0.69	8.58	0.19	19.9	2	0	3	7	1	7	5	15
26	PALI	22	0.48	5.73	0.35	5.86	5	2	3	5	5	2	10	12
27	PRATAPGARH	17	0.32	4.08	0.16	3.38	7	2	1	3	4	0	10	7
28	RAJSAMAND	25	0.07	8.08	0.22	5.17	8	1	1	9	2	4	10	15
29	SAWAI MADHOPUR	16	0.49	5.1	0.06	8.27	3	0	1	7	1	4	4	12
30	SIKAR	37	4.71	4.71	0.62	19.28	0	0	1	6	17	13	1	36
31	SIROHI	14	4.32	5.1	0.78	5.96	0	0	2	4	2	6	2	12
32	TONK	19	0.56	0.56	0.76	19.71	1	0	0	9	4	5	1	18
33	UDAIPUR	39	0.13	3.18	0.01	5.89	15	2	0	16	4	2	17	22
	Grand Total	939	0.01	13.28	0.01	27.95	230	64	44	297	135	169	338	601

Annexure XIII

CATEGORISATION OF CHANGES IN WATER LEVEL DURING AUGUST 2019 WITH RESPECT TO DECADAL AVERAGE OF AUGUST (2009 - 2018)														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	28	0.18	2.2	0.13	21.87	3	1	0	9	9	6	4	24
2	ALWAR	26	0.52	12.12	0.88	19.51	2	2	1	2	3	16	5	21
3	BANSWARA	39	0.15	4.91	0.06	0.95	23	2	1	12	0	0	26	12
4	BARAN	19	0.16	4.52	0.4	13	5	3	1	6	2	2	9	10
5	BARMER	48	0.02	8.58	0.04	9.83	14	5	3	16	5	5	22	26
6	BHARATPUR	28	0.06	8.41	0.05	9.13	10	2	1	4	7	4	13	15
7	BHILWARA	37	0.08	2.9	0.11	13.39	1	3	0	7	8	18	4	33
8	BIKANER	49	0.1	6.38	0.04	11.8	19	6	3	15	4	2	28	21
9	BUNDI	11	0.37	7.99	-	-	4	6	1	0	0	0	11	0
10	CHITTAURGARH	15	0.46	7.72	3.02	15.03	4	1	2	0	2	6	7	8
11	CHURU	30	0.16	14.04	0.1	5.09	6	3	2	16	2	1	11	19
12	DAUSA	16	0.46	4.85	0.02	19.07	2	4	1	4	2	3	7	9
13	DHAULPUR	12	0.65	14.7	0.75	15.93	4	3	2	1	1	1	9	3
14	DUNGARPUR	19	0.01	3.42	0.02	2.56	9	5	0	3	2	0	14	5
15	GANGANAGAR	38	0.1	9.77	0.01	7.93	17	3	1	13	3	1	21	17
16	HANUMANGARH	39	0.22	7.34	0.07	5.84	5	2	3	12	10	7	10	29
17	JAIPUR	107	0.17	12.15	0.12	16.36	25	12	14	21	12	23	51	56
18	JAISALMER	60	0.09	5.27	0.02	11.66	27	3	1	15	7	7	31	29
19	JALORE	21	0.09	6.62	0.13	16.21	2	2	3	8	1	5	7	14
20	JHALAWAR	27	0.26	10.89	0.17	1.64	11	11	3	2	0	0	25	2
21	JHUNJHUNU	15	-	-	0.79	19.97	0	0	0	3	6	6	0	15
22	JODHPUR	45	0.14	9.96	0.02	24.1	10	4	8	11	4	8	22	23
23	KARAUJI	16	-	6.26	0.03	2.1	4	3	2	6	1	0	9	7
24	KOTA	16	0.73	8.23	0.02	0.05	7	3	4	2	0	0	14	2
25	NAGOUR	22	0.03	12.7	1.05	8.22	7	2	5	5	0	3	14	8
26	PALI	23	0.07	8.69	0	1.76	7	5	6	5	0	0	18	5
27	PRATAPGARH	17	0.19	3.53	1	1	11	5	0	1	0	0	16	1
28	RAJSAMAND	28	0.31	8.92	0.02	6.92	9	5	6	6	0	2	20	8
29	SAWAI MADHOPUR	19	0.29	7.53	0.44	5.09	5	3	2	4	4	1	10	9
30	SIKAR	38	0.05	3.46	0.19	16.24	5	1	0	12	4	16	6	32
31	SIROHI	16	0.29	8.73	0.36	10.73	5	1	2	4	0	4	8	8
32	TONK	21	0.31	11.04	0.75	4.39	7	3	4	3	3	1	14	7
33	UDAIPUR	42	0.03	4.38	0.09	4.18	17	6	2	14	2	1	25	17
	Grand Total	987	0.01	14.70	0.00	24.10	40.5%	14.3%	4.8%	33.3%	4.8%	2.4%	491	495

Annexure XIV

CATEGORISATION OF CHANGES IN WATER LEVEL DURING NOVEMBER 2019 WITH RESPECT TO DECADAL AVERAGE OF NOVEMBER (2009 - 2018)														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	31	0.03	14.15	1.94	5.03	10	5	12	1	2	1	27	4
2	ALWAR	33	0.02	5.88	0.15	19.26	2	0	3	5	3	20	5	28
3	BANSWARA	42	0.06	5.85	0.01	3.59	22	2	2	15	1	0	26	16
4	BARAN	18	0.11	9.3	0.95	0.95	7	9	1	1	0	0	17	1
5	BARMER	46	0.04	11.99	0.01	9.33	8	4	2	17	7	8	14	32
6	BHARATPUR	31	0.1	8.74	0.2	7.13	8	2	1	9	7	4	11	20
7	BHILWARA	38	0.69	12.43	0.68	1.89	5	5	24	4	0	0	34	4
8	BIKANER	46	0.04	10.9	0.27	8.62	25	8	6	4	2	1	39	7
9	BUNDI	12	0.68	10.4	-	-	7	4	1	0	0	0	12	0
10	CHITTAURGARH	19	0.22	11.58	0.51	0.57	5	5	7	2	0	0	17	2
11	CHURU	28	0.38	13.05	0	3.91	13	4	1	6	4	0	18	10
12	DAUSA	20	0.3	5.15	0.83	21.04	7	0	2	3	1	7	9	11
13	DHAULPUR	14	0.47	12.3	0.12	12.75	7	1	1	2	1	2	9	5
14	DUNGARPUR	23	0.05	4.72	0.03	1.22	14	5	2	2	0	0	21	2
15	GANGANAGAR	39	0.13	20.8	0.1	14.41	15	4	1	17	1	1	20	19
16	HANUMANGARH	39	0.13	8.05	0.01	5.6	10	3	2	13	9	2	15	24
17	JAIPUR	112	0.06	12.07	0.01	16.68	21	20	18	19	11	22	59	52
18	JAISALMER	60	0	15.15	0.03	15.28	24	1	1	21	6	7	26	34
19	JALORE	22	0.83	4.68	0.29	21.68	3	4	2	4	3	6	9	13
20	JHALAWAR	27	0.41	7.12	0.2	5.12	6	8	7	4	1	1	21	6
21	JHUNJHUNU	14	-	-	1	20.55	0	0	0	2	5	7	0	14
22	JODHPUR	42	0.1	17.74	0.45	18.53	13	7	5	8	6	3	25	17
23	KARAULI	18	-	4.45	0.6	9.6	9	2	1	3	1	2	12	6
24	KOTA	16	0.68	6.04	0.22	1.09	8	2	4	2	0	0	14	2
25	NAGAUR	24	0.85	12.43	0.17	7.35	3	2	8	7	2	2	13	11
26	PALI	22	0.46	7.02	0.24	0.73	9	6	5	2	0	0	20	2
27	PRATAPGARH	19	0.16	6.59	0.09	2.49	7	4	1	6	1	0	12	7
28	RAJSAMAND	29	0.09	7.42	0.38	5.37	9	8	4	5	0	3	21	8
29	SAWAI MADHOPUR	19	0.32	6.45	0.07	7.28	5	3	3	5	1	2	11	8
30	SIKAR	38	0.19	4.08	0.4	14.29	7	2	1	10	5	13	10	28
31	SIROHI	14	0.15	6.12	2.84	12.36	5	3	2	0	2	2	10	4
32	TONK	20	0.2	10.54	0.94	8.38	8	5	3	1	1	2	16	4
33	UDAIPUR	43	0.11	5.07	0.01	5.64	21	5	2	12	2	1	28	15
	Grand Total	1018	0.00	20.80	0.00	21.68	323	143	135	212	85	119	601	416

CATEGORISATION OF CHANGES IN WATER LEVEL DURING JANUARY 2020 WITH RESPECT TO DECADAL AVERAGE OF JANUARY (2010 - 2019)														
Sr. No.	District Name	No of well analysed	Range of Fluctuation (m)				No. of Wells Showing Fluctuation						Total No. of Wells	
			Rise		Fall		Rise			Fall			Rise	Fall
			Min	Max	Min	Max	0 to 2	2 to 4	>4	0 to 2	2 to 4	>4		
1	AJMER	29	0.31	15.74	0.42	2.49	5	8	13	2	1	0	26	3
2	ALWAR	24	2.38	10.08	0.03	17.27	0	1	1	4	5	13	2	22
3	BANSWARA	40	0.09	4.88	0.06	3.75	15	3	1	15	6	0	19	21
4	BARAN	18	0.23	6.08	0.13	0.62	8	6	2	2	0	0	16	2
5	BARMER	49	0.01	4.92	0.16	9.55	14	4	3	17	7	4	21	28
6	BHARATPUR	28	0.21	13.97	0.02	7.05	6	2	1	9	8	2	9	19
7	BHILWARA	37	0.2	12.37	3.47	3.55	6	7	22	0	2	0	35	2
8	BIKANER	48	0.11	5.11	0	9.11	19	5	2	18	1	3	26	22
9	BUNDI	12	0.01	5.88	0.24	0.54	4	3	3	2	0	0	10	2
10	CHITTAURGARH	18	1.19	9.71	2.06	6.89	4	4	7	0	1	2	15	3
11	CHURU	29	0.24	10.96	0.01	6.62	14	2	2	10	0	1	18	11
12	DAUSA	17	0.76	6.34	0.16	20.22	3	2	2	5	1	4	7	10
13	DHAULPUR	13	0.02	13.66	1.94	12.75	6	1	4	1	0	1	11	2
14	DUNGARPUR	23	0.07	4.87	0.17	1.22	12	6	2	3	0	0	20	3
15	GANGANAGAR	38	0.05	20.28	0.11	14.52	17	2	1	14	2	2	20	18
16	HANUMANGARH	39	0.03	12.41	0.06	5.84	9	3	4	15	6	2	16	23
17	JAIPUR	110	0.05	10.86	0.01	16.56	22	11	17	22	13	24	50	59
18	JAISALMER	60	0.05	22.52	0.1	22.13	21	1	4	20	7	7	26	34
19	JALORE	19	0.11	7.44	0.3	30.21	4	1	1	6	1	6	6	13
20	JHALAWAR	27	0.08	8.27	0.08	2.36	5	11	7	3	1	0	23	4
21	JHUNJHUNU	15	-	-	0.09	18.75	0	0	0	4	4	7	0	15
22	JODHPUR	43	0.01	9.7	0.05	23.3	15	3	3	10	3	9	21	22
23	KARAUJI	16	-	7.84	0.06	1.72	7	5	1	3	0	0	13	3
24	KOTA	17	0.24	4.77	0.63	1.4	9	3	1	4	0	0	13	4
25	NAGAU	24	0.2	9.86	0.08	6.98	6	3	5	7	1	2	14	10
26	PALI	23	0.6	6.33	0	3.42	4	6	7	5	1	0	17	6
27	PRATAPGARH	20	0.53	5.46	0.04	2.38	6	5	2	5	2	0	13	7
28	RAJSAMAND	28	0.67	7.72	0.25	1.67	6	10	10	2	0	0	26	2
29	SAWAI MADHOPUR	19	0.6	8.27	1.04	4.34	5	6	2	4	1	1	13	6
30	SIKAR	38	0.04	1.5	0.03	14.03	6	0	0	12	7	13	6	32
31	SIROHI	13	0.61	9.37	0.01	16.53	2	0	3	6	0	2	5	8
32	TONK	20	0.17	12.26	0.24	2.17	5	5	3	6	1	0	13	7
33	UDAIPUR	41	0.45	6.22	0.66	4.17	16	12	5	4	3	1	33	8
	Grand Total	995	0.01	22.52	0.00	30.21	281	141	141	240	85	106	563	431

District wise distribution (nos) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	TDS			CHLORIDE			SULPHATE			FLUORIDE			NITRATE	
			0-500	501-2000	>2000	0-250	251-1000	>1000	0-200	201-400	>400	0-1.0	1.01-1.5	>1.5	0-45	> 45
1	AJMER	19	3	12	4	11	7	1	6	10	3	7	5	7	18	1
2	ALWAR	19	3	13	3	11	7	1	13	3	3	16	1	2	17	2
3	BANSWARA	16	7	9	0	16	0	0	16	0	0	6	4	6	11	5
4	BARAN	13	2	10	1	11	2	0	4	5	4	13	0	0	11	2
5	BARMER	33	1	13	19	5	19	9	9	9	15	16	7	10	11	22
6	BHARATPUR	16	3	7	6	6	6	4	9	3	4	5	2	9	10	6
7	BHILWARA	36	7	21	8	21	14	1	15	11	10	18	6	12	28	8
8	BIKANER	24	0	4	20	4	2	18	6	4	14	6	3	15	8	16
9	BUNDI	9	0	3	6	1	4	4	6	3	0	8	1	0	4	5
10	CHITTAURGARH	14	5	8	1	12	2	0	12	2	0	9	5	0	10	4
11	CHURU	27	6	8	13	11	8	8	11	7	9	15	7	5	14	13
12	DAUSA	11	1	6	4	4	5	2	6	3	2	5	3	3	8	3
13	DHAULPUR	12	3	9	0	8	4	0	11	0	1	6	3	3	10	2
14	DUNGARPUR	14	4	10	0	12	2	0	14	0	0	4	5	5	8	6
15	GANGANAGAR	34	23	6	5	26	6	2	27	3	4	22	4	8	26	8
16	HANUMANGARH	31	14	12	5	21	7	3	24	2	5	21	4	6	23	8
17	JAIPUR	35	6	15	14	20	13	2	14	7	14	15	5	15	22	13
18	JAISALMER	40	3	18	19	10	20	10	18	14	8	10	9	21	27	13
19	JALORE	9	0	1	8	1	4	4	0	5	4	4	2	3	5	4
20	JHALAWAR	21	6	13	2	18	2	1	16	2	3	21	0	0	12	9
21	JHUNJHUNU	8	1	7	0	5	3	0	6	2	0	5	2	1	8	0
22	JODHPUR	42	4	15	23	10	18	14	23	10	9	8	8	26	17	25
23	KARALI	14	4	6	4	10	3	1	9	2	3	9	2	3	7	7
24	KOTA	13	1	11	1	12	1	0	6	5	2	13	0	0	12	1
25	NAGAU	21	0	9	12	7	6	8	9	5	7	12	3	6	11	10
26	PALI	17	0	10	7	8	7	2	12	3	2	1	4	12	10	7
27	PRATAPGARH	8	4	4	0	6	2	0	8	0	0	2	4	2	4	4
28	RAJSAMAND	25	2	20	3	17	7	1	19	5	1	11	4	10	14	11
29	SAWAI MADHOPUR	12	0	10	2	6	5	1	4	5	3	7	2	3	8	4
30	SIKAR	2	0	1	1	1	0	1	1	1	0	0	2	0	1	1
31	SIROHI	13	1	9	3	5	7	1	8	2	3	8	2	3	8	5
32	TONK	14	0	10	4	7	5	2	3	3	8	11	2	1	8	6
33	UDAIPUR	28	5	23	0	24	4	0	28	0	0	20	4	4	17	11
Total		650	119	333	198	347	202	101	373	136	141	334	115	201	408	242

District wise distribution (nos) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	TH			Ca			Mg			Electrical Conductance			
			0-200	201-600	>600	0-75	76-200	>200	0-30	31-100	>100	0-750	751-1500	1500 -3000	>3000
1	AJMER	19	2	10	7	12	6	1	2	11	6	3	2	10	4
2	ALWAR	19	3	13	3	9	8	2	14	3	2	3	8	5	3
3	BANSWARA	16	1	15	0	8	8	0	7	9	0	7	8	1	0
4	BARAN	13	1	10	2	9	4	0	2	9	2	2	6	4	1
5	BARMER	33	3	10	20	10	16	7	4	13	16	1	3	9	20
6	BHARATPUR	16	2	6	8	5	6	5	4	8	4	3	3	3	7
7	BHILWARA	36	3	24	9	24	10	2	5	24	7	7	7	14	8
8	BIKANER	24	4	3	17	6	6	12	4	6	14	0	3	1	20
9	BUNDI	9	2	1	6	3	5	1	2	1	6	0	1	2	6
10	CHITTAURGARH	14	4	9	1	12	2	0	6	8	0	4	7	2	1
11	CHURU	27	11	10	6	21	5	1	13	8	6	6	5	3	13
12	DAUSA	11	1	6	4	1	7	3	2	7	2	1	2	4	4
13	DHAULPUR	12	1	11	0	5	7	0	3	9	0	3	4	4	1
14	DUNGARPUR	14	4	9	1	11	3	0	7	7	0	4	8	2	0
15	GANGANAGAR	34	20	11	3	25	7	2	27	6	1	21	5	3	5
16	HANUMANGARH	31	18	7	6	21	7	3	21	7	3	14	9	3	5
17	JAIPUR	35	3	19	13	18	15	2	6	17	12	6	9	6	14
18	JAISALMER	40	13	19	8	27	10	3	18	14	8	3	3	15	19
19	JALORE	9	0	1	8	1	4	4	0	1	8	0	0	1	8
20	JHALAWAR	21	3	16	2	16	4	1	5	14	2	6	11	2	2
21	JHUNJHUNU	8	5	3	0	8	0	0	6	2	0	1	4	3	0
22	JODHPUR	42	8	24	10	21	19	2	11	25	6	4	3	11	24
23	KARAULI	14	0	13	1	3	10	1	6	8	0	4	4	2	4
24	KOTA	13	0	6	7	6	7	0	0	7	6	1	5	6	1
25	NAGAUR	21	2	11	8	17	2	2	3	9	9	0	5	3	13
26	PALI	17	1	13	3	12	3	2	1	13	3	0	7	3	7
27	PRATAPGARH	8	2	6	0	5	3	0	5	3	0	4	3	1	0
28	RAJSAMAND	25	2	19	4	14	10	1	4	18	3	1	12	9	3
29	SAWAI MADHOPUR	12	3	7	2	7	5	0	4	7	1	0	2	8	2
30	SIKAR	2	0	1	1	0	1	1	0	1	1	0	1	0	1
31	SIROHI	13	1	7	5	6	5	2	2	6	5	1	4	5	3
32	TONK	14	1	8	5	7	5	2	1	9	4	0	3	7	4
33	UDAIPUR	28	4	24	0	21	7	0	8	17	3	5	16	7	0
	Total	650	128	352	170	371	217	62	203	307	140	115	173	159	203

District wise distribution (Percentage) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	TDS			CHLORIDE			SULPHATE			FLUORIDE			NITRATE	
			0-500	501-2000	>2000	0-250	251-1000	>1000	0-200	201-400	>400	0-1.0	1.01-1.5	>1.5	0-45	> 45
1	AJMER	19	15.79	63.16	21.05	57.89	36.84	5.26	31.58	52.63	15.79	36.84	26.32	36.84	94.74	5.26
2	ALWAR	19	15.79	68.42	15.79	57.89	36.84	5.26	68.42	15.79	15.79	84.21	5.26	10.53	89.47	10.53
3	BANSWARA	16	43.75	56.25	0.00	100.00	0.00	0.00	100.00	0.00	0.00	37.50	25.00	37.50	68.75	31.25
4	BARAN	13	15.38	76.92	7.69	84.62	15.38	0.00	30.77	38.46	30.77	100.00	0.00	0.00	84.62	15.38
5	BARMER	33	3.03	39.39	57.58	15.15	57.58	27.27	27.27	27.27	45.45	48.48	21.21	30.30	33.33	66.67
6	BHARATPUR	16	18.75	43.75	37.50	37.50	37.50	25.00	56.25	18.75	25.00	31.25	12.50	56.25	62.50	37.50
7	BHILWARA	36	19.44	58.33	22.22	58.33	38.89	2.78	41.67	30.56	27.78	50.00	16.67	33.33	77.78	22.22
8	BIKANER	24	0.00	16.67	83.33	16.67	8.33	75.00	25.00	16.67	58.33	25.00	12.50	62.50	33.33	66.67
9	BUNDI	9	0.00	33.33	66.67	11.11	44.44	44.44	66.67	33.33	0.00	88.89	11.11	0.00	44.44	55.56
10	CHITTAURGARH	14	35.71	57.14	7.14	85.71	14.29	0.00	85.71	14.29	0.00	64.29	35.71	0.00	71.43	28.57
11	CHURU	27	22.22	29.63	48.15	40.74	29.63	29.63	40.74	25.93	33.33	55.56	25.93	18.52	51.85	48.15
12	DAUSA	11	9.09	54.55	36.36	36.36	45.45	18.18	54.55	27.27	18.18	45.45	27.27	27.27	72.73	27.27
13	DHAULPUR	12	25.00	75.00	0.00	66.67	33.33	0.00	91.67	0.00	8.33	50.00	25.00	25.00	83.33	16.67
14	DUNGARPUR	14	28.57	71.43	0.00	85.71	14.29	0.00	100.00	0.00	0.00	28.57	35.71	35.71	57.14	42.86
15	GANGANAGAR	34	67.65	17.65	14.71	76.47	17.65	5.88	79.41	8.82	11.76	64.71	11.76	23.53	76.47	23.53
16	HANUMANGARH	31	45.16	38.71	16.13	67.74	22.58	9.68	77.42	6.45	16.13	67.74	12.90	19.35	74.19	25.81
17	JAIPUR	35	17.14	42.86	40.00	57.14	37.14	5.71	40.00	20.00	40.00	42.86	14.29	42.86	62.86	37.14
18	JAISALMER	40	7.50	45.00	47.50	25.00	50.00	25.00	45.00	35.00	20.00	25.00	22.50	52.50	67.50	32.50
19	JALORE	9	0.00	11.11	88.89	11.11	44.44	44.44	0.00	55.56	44.44	44.44	22.22	33.33	55.56	44.44
20	JHALAWAR	21	28.57	61.90	9.52	85.71	9.52	4.76	76.19	9.52	14.29	100.00	0.00	0.00	57.14	42.86
21	JHUNJHUNU	8	12.50	87.50	0.00	62.50	37.50	0.00	75.00	25.00	0.00	62.50	25.00	12.50	100.00	0.00
22	JODHPUR	42	9.52	35.71	54.76	23.81	42.86	33.33	54.76	23.81	21.43	19.05	19.05	61.90	40.48	59.52
23	KARALI	14	28.57	42.86	28.57	71.43	21.43	7.14	64.29	14.29	21.43	64.29	14.29	21.43	50.00	50.00
24	KOTA	13	7.69	84.62	7.69	92.31	7.69	0.00	46.15	38.46	15.38	100.00	0.00	0.00	92.31	7.69
25	NAGOUR	21	0.00	42.86	57.14	33.33	28.57	38.10	42.86	23.81	33.33	57.14	14.29	28.57	52.38	47.62
26	PALI	17	0.00	58.82	41.18	47.06	41.18	11.76	70.59	17.65	11.76	5.88	23.53	70.59	58.82	41.18
27	PRATAPGARH	8	50.00	50.00	0.00	75.00	25.00	0.00	100.00	0.00	0.00	25.00	50.00	25.00	50.00	50.00
28	RAJSAMAND	25	8.00	80.00	12.00	68.00	28.00	4.00	76.00	20.00	4.00	44.00	16.00	40.00	56.00	44.00
29	SAWAI MADHOPUR	12	0.00	83.33	16.67	50.00	41.67	8.33	33.33	41.67	25.00	58.33	16.67	25.00	66.67	33.33
30	SIKAR	2	0.00	50.00	50.00	50.00	0.00	50.00	50.00	50.00	0.00	0.00	100.00	0.00	50.00	50.00
31	SIROHI	13	7.69	69.23	23.08	38.46	53.85	7.69	61.54	15.38	23.08	61.54	15.38	23.08	61.54	38.46
32	TONK	14	0.00	71.43	28.57	50.00	35.71	14.29	21.43	21.43	57.14	78.57	14.29	7.14	57.14	42.86
33	UDAIPUR	28	17.86	82.14	0.00	85.71	14.29	0.00	100.00	0.00	0.00	71.43	14.29	14.29	60.71	39.29
Total		650	18.31	51.23	30.46	53.38	31.08	15.54	57.38	20.92	21.69	51.38	17.69	30.92	62.77	37.23

District wise distribution (Percentage) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	TH			Ca			Mg			Electrical Conductance			
			0-200	201-600	>600	0-75	76-200	>200	0-30	31-100	>100	0-750	751-1500	1500 -3000	>3000
1	AJMER	19	10.53	52.63	36.84	63.16	31.58	5.26	10.53	57.89	31.58	15.79	10.53	52.63	21.05
2	ALWAR	19	15.79	68.42	15.79	47.37	42.11	10.53	73.68	15.79	10.53	15.79	42.11	26.32	15.79
3	BANSWARA	16	6.25	93.75	0.00	50.00	50.00	0.00	43.75	56.25	0.00	43.75	50.00	6.25	0.00
4	BARAN	13	7.69	76.92	15.38	69.23	30.77	0.00	15.38	69.23	15.38	15.38	46.15	30.77	7.69
5	BARMER	33	9.09	30.30	60.61	30.30	48.48	21.21	12.12	39.39	48.48	3.03	9.09	27.27	60.61
6	BHARATPUR	16	12.50	37.50	50.00	31.25	37.50	31.25	25.00	50.00	25.00	18.75	18.75	18.75	43.75
7	BHILWARA	36	8.33	66.67	25.00	66.67	27.78	5.56	13.89	66.67	19.44	19.44	19.44	38.89	22.22
8	BIKANER	24	16.67	12.50	70.83	25.00	25.00	50.00	16.67	25.00	58.33	0.00	12.50	4.17	83.33
9	BUNDI	9	22.22	11.11	66.67	33.33	55.56	11.11	22.22	11.11	66.67	0.00	11.11	22.22	66.67
10	CHITTAURGARH	14	28.57	64.29	7.14	85.71	14.29	0.00	42.86	57.14	0.00	28.57	50.00	14.29	7.14
11	CHURU	27	40.74	37.04	22.22	77.78	18.52	3.70	48.15	29.63	22.22	22.22	18.52	11.11	48.15
12	DAUSA	11	9.09	54.55	36.36	9.09	63.64	27.27	18.18	63.64	18.18	9.09	18.18	36.36	36.36
13	DHAULPUR	12	8.33	91.67	0.00	41.67	58.33	0.00	25.00	75.00	0.00	25.00	33.33	33.33	8.33
14	DUNGARPUR	14	28.57	64.29	7.14	78.57	21.43	0.00	50.00	50.00	0.00	28.57	57.14	14.29	0.00
15	GANGANAGAR	34	58.82	32.35	8.82	73.53	20.59	5.88	79.41	17.65	2.94	61.76	14.71	8.82	14.71
16	HANUMANGARH	31	58.06	22.58	19.35	67.74	22.58	9.68	67.74	22.58	9.68	45.16	29.03	9.68	16.13
17	JAIPUR	35	8.57	54.29	37.14	51.43	42.86	5.71	17.14	48.57	34.29	17.14	25.71	17.14	40.00
18	JAISALMER	40	32.50	47.50	20.00	67.50	25.00	7.50	45.00	35.00	20.00	7.50	7.50	37.50	47.50
19	JALORE	9	0.00	11.11	88.89	11.11	44.44	44.44	0.00	11.11	88.89	0.00	0.00	11.11	88.89
20	JHALAWAR	21	14.29	76.19	9.52	76.19	19.05	4.76	23.81	66.67	9.52	28.57	52.38	9.52	9.52
21	JHUNJHUNU	8	62.50	37.50	0.00	100.00	0.00	0.00	75.00	25.00	0.00	12.50	50.00	37.50	0.00
22	JODHPUR	42	19.05	57.14	23.81	50.00	45.24	4.76	26.19	59.52	14.29	9.52	7.14	26.19	57.14
23	KARALI	14	0.00	92.86	7.14	21.43	71.43	7.14	42.86	57.14	0.00	28.57	28.57	14.29	28.57
24	KOTA	13	0.00	46.15	53.85	46.15	53.85	0.00	0.00	53.85	46.15	7.69	38.46	46.15	7.69
25	NAGAU	21	9.52	52.38	38.10	80.95	9.52	9.52	14.29	42.86	42.86	0.00	23.81	14.29	61.90
26	PALI	17	5.88	76.47	17.65	70.59	17.65	11.76	5.88	76.47	17.65	0.00	41.18	17.65	41.18
27	PRATAPGARH	8	25.00	75.00	0.00	62.50	37.50	0.00	62.50	37.50	0.00	50.00	37.50	12.50	0.00
28	RAJSAMAND	25	8.00	76.00	16.00	56.00	40.00	4.00	16.00	72.00	12.00	4.00	48.00	36.00	12.00
29	SAWAI MADHOPUR	12	25.00	58.33	16.67	58.33	41.67	0.00	33.33	58.33	8.33	0.00	16.67	66.67	16.67
30	SIKAR	2	0.00	50.00	50.00	0.00	50.00	50.00	0.00	50.00	50.00	0.00	50.00	0.00	50.00
31	SIROHI	13	7.69	53.85	38.46	46.15	38.46	15.38	15.38	46.15	38.46	7.69	30.77	38.46	23.08
32	TONK	14	7.14	57.14	35.71	50.00	35.71	14.29	7.14	64.29	28.57	0.00	21.43	50.00	28.57
33	UDAIPUR	28	14.29	85.71	0.00	75.00	25.00	0.00	28.57	60.71	10.71	17.86	57.14	25.00	0.00
Total		650	19.69	54.15	26.15	57.08	33.38	9.54	31.23	47.23	21.54	17.69	26.62	24.46	31.23

District Wise Minimum and Maximum Values of Chemical Constituents (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	pH		EC		Cl		SO4		NO3		TH		Ca	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1	AJMER	19	7.30	8.45	510	6280	71	1531	62	1267	0.82	74	170	2040	28	320
2	ALWAR	19	7.40	8.60	295	6780	26	1147	25	1610	5.00	130	80	2010	21	506
3	BANSWARA	16	7.50	8.55	600	1750	21	212	1	132	1.00	100	190	390	20	104
4	BARAN	13	7.15	8.08	490	6190	21	865	76	1332	4.69	120	140	720	32	100
5	BARMER	33	7.08	8.45	305	18290	35	5140	15	1145	0.71	500	140	2700	28	360
6	BHARATPUR	16	7.25	8.40	410	17030	31	4820	40	2650	5.00	515	110	2970	30	700
7	BHILWARA	36	7.30	8.77	520	12340	35	3191	32	1654	1.01	289	130	1950	24	280
8	BIKANER	24	7.48	8.42	1020	23000	71	6452	50	2914	7.00	278	60	4000	16	960
9	BUNDI	9	7.58	8.44	1400	9840	71	2609	77	254	0.00	399	90	2020	16	368
10	CHITTAURGARH	14	7.45	8.20	500	3180	14	666	12	254	0.00	105	170	630	28	104
11	CHURU	27	7.26	8.53	320	9680	38	2266	50	2050	6.60	424	70	2425	12	600
12	DAUSA	11	7.39	8.49	700	7510	52	2002	35	650	8.00	655	105	1355	32	360
13	DHAULPUR	12	7.27	8.40	590	3060	38	940	55	685	6.32	50	188	480	48	120
14	DUNGARPUR	14	7.42	8.08	550	2300	35	418	11	108	0.50	100	170	610	44	112
15	GANGANAGAR	34	7.40	8.40	240	7750	31	1970	36	1002	6.00	405	70	1345	23	311
16	HANUMANGARH	31	7.15	8.45	260	13420	31	3732	36	1405	5.00	158	105	2160	35	600
17	JAIPUR	35	7.13	8.45	500	15300	24	2723	45	2780	3.64	264	100	3550	24	560
18	JAISALMER	40	7.58	8.40	720	12100	39	3722	13	730	0.40	1150	50	1450	12	280
19	JALORE	9	7.71	8.27	2100	7990	227	1774	295	1400	5.40	264	430	2400	68	360
20	JHALAWAR	21	7.04	8.17	480	5680	14	1297	15	773	0.73	129	140	1720	20	360
21	JHUNJHUNU	8	7.60	7.98	240	1800	14	326	43	264	0.00	34	90	280	16	44
22	JODHPUR	42	7.40	8.54	450	12620	45	4112	42	680	11.00	1150	140	2700	32	400
23	KARAULI	14	7.31	8.50	530	5440	31	1074	15	950	9.00	294	260	1120	63	300
24	KOTA	13	7.92	8.21	670	3990	50	744	76	830	0.31	89	210	900	16	160
25	NAGOUR	21	7.60	8.89	900	18230	68	4006	7	3770	0.40	550	70	2650	4	540
26	PALI	17	7.16	8.40	800	7980	50	1702	2	912	0.72	640	60	1400	4	240
27	PRATAPGARH	8	7.32	7.88	410	1550	21	301	7	108	1.00	109	30	425	8	120
28	RAJSAMAND	25	6.91	8.42	670	4750	43	1156	3	526	0.02	524	190	1810	24	396
29	SAWAI MADHOPUR	12	7.52	8.50	1000	5510	21	1180	30	720	3.00	75	125	900	24	164
30	SIKAR	2	8.14	8.20	1415	5360	223	1364	109	375	8.00	145	490	1505	139	380
31	SIROHI	13	7.40	8.20	480	5800	43	1240	82	676	7.77	162	200	1950	44	280
32	TONK	14	7.12	8.51	900	10770	57	1928	58	1528	4.35	802	150	2000	32	360
33	UDAIPUR	28	7.34	8.10	417	2680	28	560	8	142	0.00	275	180	600	32	176
Total		650	6.91	8.89	240	23000	14	6452	1	3770	0.00	1150	30	4000	4	960

District Wise Minimum and Maximum Values of Chemical Constituents (Pre-monsoon, 2019)

S. No.	DISTRICT	Samples analysed	Mg		Na		K		F		TDS	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1	AJMER	19	24.00	301.00	53.00	925	2.33	93.00	0.07	5.14	332	4082
2	ALWAR	19	6.69	211.58	37.00	654	1.79	7.00	0.11	2.05	192	4407
3	BANSWARA	16	14.59	48.64	20.00	325	1.00	19.00	0.27	5.00	390	1138
4	BARAN	13	15.00	117.00	29.00	1140	0.00	258.00	0.07	0.66	319	4024
5	BARMER	33	12.16	510.00	14.00	2976	1.64	228.00	0.01	4.50	198	11889
6	BHARATPUR	16	4.86	296.70	32.00	2882	2.60	66.60	0.32	5.50	267	11070
7	BHILWARA	36	17.00	303.00	19.00	1965	2.03	61.00	0.00	4.99	338	8021
8	BIKANER	24	4.86	413.44	150.00	4500	2.40	49.00	0.35	9.24	663	14950
9	BUNDI	9	12.00	267.00	161.00	1950	3.47	121.00	0.21	1.15	910	6396
10	CHITTAURGARH	14	17.00	90.00	25.00	560	1.04	19.00	0.06	1.45	325	2067
11	CHURU	27	9.12	320.78	26.00	1890	0.30	42.00	0.02	2.95	208	6292
12	DAUSA	11	6.08	113.09	154.00	1220	3.40	75.00	0.40	3.10	455	4882
13	DHAULPUR	12	16.54	43.78	43.00	636	2.74	16.80	0.21	2.50	384	1989
14	DUNGARPUR	14	9.73	89.98	48.00	240	0.80	23.70	0.37	3.15	358	1495
15	GANGANAGAR	34	3.04	138.02	23.56	1270	4.70	33.00	0.22	7.80	156	5038
16	HANUMANGARH	31	1.82	160.51	24.00	2290	4.00	42.30	0.10	5.40	169	8723
17	JAIPUR	35	9.73	522.00	32.00	1880	1.15	723.00	0.12	19.52	325	9945
18	JAISALMER	40	4.86	206.72	30.00	2250	3.71	106.00	0.00	5.50	468	7865
19	JALORE	9	63.00	413.00	254.00	793	2.82	84.00	0.01	3.70	1365	5194
20	JHALAWAR	21	14.00	199.00	19.00	674	0.14	69.00	0.13	0.75	312	3692
21	JHUNJHUNU	8	12.18	43.81	11.00	340	1.78	6.69	0.09	2.85	156	1170
22	JODHPUR	42	3.04	413.44	31.00	2250	3.00	89.00	0.13	18.00	293	8203
23	KARAULI	14	19.46	89.98	59.00	914	2.50	33.77	0.31	3.10	345	3536
24	KOTA	13	41.00	121.00	15.00	798	0.76	21.00	0.04	0.83	436	2594
25	NAGOUR	21	14.59	413.44	83.00	3350	1.20	53.00	0.01	16.80	585	11850
26	PALI	17	12.16	231.00	20.00	1260	0.57	290.00	0.74	8.20	520	5187
27	PRATAPGARH	8	2.43	34.05	24.00	185	0.30	5.90	0.45	4.75	267	1008
28	RAJSAMAND	25	7.30	199.42	50.00	660	0.08	54.00	0.01	5.00	436	3088
29	SAWAI MADHOPUR	12	10.94	158.00	20.00	1020	0.87	27.00	0.36	3.50	650	3582
30	SIKAR	2	34.66	134.98	125.00	585	5.40	8.00	1.10	1.20	920	3484
31	SIROHI	13	19.00	304.00	20.00	436	1.09	111.00	0.04	2.35	312	3770
32	TONK	14	17.00	267.00	96.00	1426	1.30	968.00	0.05	1.77	585	7001
33	UDAIPUR	28	19.46	114.30	12.00	370	0.00	102.00	0.12	3.20	271	1742
Total		650	1.82	522	11	4500	0.00	968	0.00	19.52	156	14950

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
1	W262700075040001	AJMER	ARAIN	ARIAN	Dug well	0.23	21.30	372	75.07	26.45	4.37	3.52	3.87	2.67
2	W261245075021001	AJMER	ARAIN	Barora	Dug well	0.36	18.00	372	75.04	26.21	12.24	10.84	2.92	0
3	W262107075060001	AJMER	ARAIN	DASUK	Dug well	1.55	12.50	374	75.1	26.35	5.2	4.35	2.34	6.85
4	W260230074424801	AJMER	BHINAY	Gopalpura	Piezometer	0.80	200.00	473	74.71	26.04	17.6	14.95	5.91	5.95
5	W260130074393001	AJMER	BHINAY	JHOPADIYAN	Dug well	1.05	19.70	432	74.66	26.02	16.85	14.9	6.91	6.05
6	W255430074120001	AJMER	JAWAJA	BAGLIAS	Dug well	0.30	9.94	567	74.2	25.91	7.8	7.6	6.73	3.4
7	W255600074120001	AJMER	JAWAJA	JAWAJA1	Dug well	0.60	17.30	490	74.2	25.93	9.45	9	2.28	2.4
8	W260712074221201	AJMER	JAWAJA	MAIDAYABADAYA	Dug well	0.33	14.57	486	74.37	26.12	4.27	3.97	2.69	1.71
9	W260300074170001	AJMER	JAWAJA	NARBADKHERA	Dug well	1.00	29.00	463	74.28	26.05	12.7	10.75	1.79	5.8
10	W260517074235701	AJMER	JAWAJA	PAKHRIAWAS	Dug well	0.00	16.55	527	74.4	26.09	14.4	12.9	2.34	6.24
11	W255300074090001	AJMER	JAWAJA	TARAGARH	Dug well	0.90	19.29	524	74.15	25.88	4	3.2	0.11	1.2
12	W255324075140001	AJMER	KEKRI	BOGLA	Dug well	0.68	10.07	331	75.23	25.89	8.12	8.02	1.77	1.57
13	W255633075105701	AJMER	KEKRI	Nai Khera	Dug well	0.75	18.00	345	75.18	25.94	9.55	9.25	2.75	3.95
14	W263905074561001	AJMER	KISHANGARH	Tiloniya	Piezometer	1.00	150.00	440	74.94	26.65	28.18	23.7	4.3	4.8
15	W260442074223401	AJMER	MASOODA	Andheri Devi	Piezometer	1.00	23.00	490	74.38	26.08	15.7	14.05	5.69	2.8
16	W255950074350001	AJMER	MASOODA	LUDIYANA	Dug well	0.67	15.00	413	74.58	26	13.08	12.18	5.63	7.93
17	W260530074304501	AJMER	MASOODA	MASUDA1	Dug well	0.53	17.84	441	74.51	26.09	12.37	9.92	2.19	2.67
18	W255800074275101	AJMER	MASOODA	Ramgarh2	Piezometer	1.00	150.00	148	74.46	25.97	26	24.1	15.93	24.8
19	W261400074293001	AJMER	PEESANGAN	LAMANA	Dug well	0.11	16.00	452	74.49	26.23	14.04	11.89	6.5	4.04
20	W261637074302901	AJMER	PEESANGAN	Mangaliyawas	Dug well	0.00	22.10	437.57	74.51	26.28	17.4	14.6	5.26	5.8
21	W261712074442501	AJMER	PEESANGAN	NASIRABAD	Dug well	0.50	20.87	425	74.74	26.29	5.7	5.4	4.1	4.45
22	W261558074370301	AJMER	PEESANGAN	Pachmata	Piezometer	1.00	100.00	460	74.62	26.27	17.25	14.1	8.67	8.3
23	W260200075060001	AJMER	SARWAR	AJAGARA	Dug well	0.73	8.17	352	75.1	26.03	4.57	3.27	2.47	2.14
24	W260745074554001	AJMER	SARWAR	Goelo	Dug well	0.53	12.17	366	74.93	26.13	9.87	9.67	3.71	2.87
25	W255440075023001	AJMER	SARWAR	SANPLA	Dug well	0.70	10.35	359	75.04	25.91	8.4	7.55	3.96	2.9
26	W260300075000001	AJMER	SARWAR	SARWAD	Dug well	0.00	7.50	364	75	26.05	4.1	4	2.72	2.75
27	W262400074520001	AJMER	SHRINAGAR	KANPURA1	Dug well	0.40	10.00	409	74.87	26.4	5.7	5.5	1.5	2.17
28	W261600074513001	AJMER	SHRINAGAR	RAMSAR2	Dug well	1.20	14.10	395	74.86	26.27	8.7	6.4	2.3	2.58
29	W274852076272601	ALWAR	BANSUR	Alanpur	Piezometer	1.00	93.60	331	76.46	27.81	45.2	42.6	40.75	41.29
30	W274130076212001	ALWAR	BANSUR	BANSUR	Piezometer	1.05	65.54	366	76.36	27.69	38.75	34.59	34.45	33.84
31	W273800076200001	ALWAR	BANSUR	Holawas	Piezometer	1.00	150.00	383	76.33	27.63	44	42.28	42.75	43.96
32	W275300076170001	ALWAR	BEHROR	BEHROR	Piezometer	1.05	95.09	322	76.28	27.88	91.65	87.75	88.55	88.27
33	W275630076183001	ALWAR	BEHROR	Bhituda	Piezometer	1.00	100.20	311	76.31	27.94	91.8	88.7	89.15	89.06
34	W275110076153201	ALWAR	BEHROR	Sota Nala	Piezometer	1.00	96.00	330	76.26	27.85	46.6	45.95	44.95	47.21
35	W275159076474401	ALWAR	KISHANGARH BAS	BOLNI	Piezometer	1.00	142.04	258	76.8	27.87	23.7	22.17	23.15	22.94
36	W274912076440001	ALWAR	KISHANGARH BAS	KISHANGARH BAS1	Piezometer	0.78	76.65	308	76.73	27.82	50.92	53.14	53.12	53.92
37	W275200076370002	ALWAR	KOTKASIM	HARSAULI	Piezometer	1.00	86.64	285	76.62	27.87	40.1	0	36.4	0
38	W280155076425501	ALWAR	KOTKASIM	Kotkasim	Piezometer	1.00	60.00	261	76.72	28.03	29.8	28.2	30.05	28.63
39	W275800076430002	ALWAR	KOTKASIM	PUR1	Piezometer	0.15	77.00	262	76.72	27.97	25.75	25.08	25.8	26.96
40	W273035076595801	ALWAR	LAXMANGARH	Govindgarh-Pz	Piezometer	1.00	50.00	217	77	27.51	30.3	27.6	28.8	28.54
41	W271515076495601	ALWAR	LAXMANGARH	JHALADALA	Dug well	0.65	45.00	259	76.83	27.25	28.15	0	32.5	0
42	W272100076513501	ALWAR	LAXMANGARH	LACHMANGARH	Dug well	0.72	14.00	228	76.86	27.35	12.98	10.08	10.23	9.78
43	W274700076301501	ALWAR	MANDAWAR	GANGWALI DHANI	Piezometer	1.00	74.08	339	76.5	27.78	55.8	53.83	54.05	55.11
44	W275857076243001	ALWAR	NEEMRANA	Janak Singh Pura	Piezometer	1.00	53.90	533	76.41	27.98	47.6	44.77	47.6	46.07
45	W275934076231501	ALWAR	NEEMRANA	Japanesee Zone	Piezometer	1.00	107.70	334	76.39	27.99	59.24	56.19	57.2	57.87
46	W280345076214501	ALWAR	NEEMRANA	KANHAWAS	Piezometer	0.99	129.00	305	76.36	28.06	75.21	68.12	68.21	68.39
47	W275950076190001	ALWAR	NEEMRANA	Majri Khurd	Piezometer	1.00	84.60	388	76.32	28	29.1	27.9	28	28.74
48	W271615076331301	ALWAR	RAJGARH	Dharampura	Piezometer	0.50	174.00	239	76.55	27.27	35.45	22.35	22.4	23.66
49	W271418076331801	ALWAR	RAJGARH	Doulatpura	Piezometer	1.10	80.00	305	76.56	27.24	29.1	23	25.9	25.6
50	W271843076242801	ALWAR	RAJGARH	Kalighati Sariska	Dug well	1.50	30.00	460	76.41	27.31	16.6	7.78	8.4	7.97
51	W271555076285601	ALWAR	RAJGARH	NANDU	Piezometer	0.50	200.00	305	76.48	27.27	23.8	20.65	22.3	21.41
52	W271415076240001	ALWAR	RAJGARH	TEHLA	Dug well	2.80	15.00	366	76.4	27.24	12.3	6.35	7.4	7.05
53	W273900076520001	ALWAR	RAMGARH	Nogawa	Piezometer	1.00	150.00	224	76.87	27.65	31.9	31.16	31.9	0
54	W273500076483502	ALWAR	RAMGARH	RAMGARH Pz	Piezometer	1.00	76.50	236	76.81	27.58	29.1	28.08	31.1	29.81
55	W273537076484901	ALWAR	RAMGARH	RAMGARH1	Dug well	1.33	22.00	236	76.81	27.59	18.27	0	18.67	0
56	W271230076473001	ALWAR	RENI	GADI SWAIRAM	Dug well	0.45	32.25	269	76.79	27.21	32.65	7.35	11.7	7.82
57	W272740076235601	ALWAR	THANAGAZI	Bairawas	Piezometer	0.50	200.00	305	76.4	27.46	21.85	20.55	19.65	21.03
58	W271213076171001	ALWAR	THANAGAZI	KUNDAL	Piezometer	0.50	200.00	351	76.29	27.2	29.2	26.72	27.7	27.64
59	W280636076500601	ALWAR	TIJARA	TAPUKARA	Piezometer	1.14	158.42	282	76.83	28.11	35.06	29.32	29.76	30.02
60	W275559076515201	ALWAR	TIJARA	TIJARA1	Piezometer	1.03	132.40	218	76.86	27.93	38.27	35.17	34.67	35.76
61	W272630076313001	ALWAR	UMREN	Baran1	Dug well	0.65	20.00	277	76.53	27.44	13.45	8.93	8.1	0
62	W232600074033101	BANSWARA	ANANDPURI	CHHAJA	Piezometer	1.00	150.00	134	74.06	23.43	16.48	0.7	1.25	9.6

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
63	W235100073464501	BANSWARA	ANANDPURI	MANPUR2	Dug well	0.74	8.59	290	74.06	23.43	0	1.56	3.36	2.65
64	W250227075542401	BANSWARA	ARTHOONA	ALANIA	Dug well	1.10	12.20	348	74.12	23.58	0	0.1	2.35	3.7
65	W241344073211501	BANSWARA	ARTHOONA	AMALIA	Dug well	0.50	12.00	554	74.1	23.5	0	1.6	2.6	3.43
66	W232945074060001	BANSWARA	ARTHOONA	ARTHUNA	Dug well	1.20	12.64	154	74.1	23.5	7	0.4	4.2	4.45
67	W233000074060001	BANSWARA	ARTHOONA	Arthuna1	Piezometer	1.00	150.00	154	74.1	23.5	10.05	1.4	3.6	4.87
68	W233430074070001	BANSWARA	ARTHOONA	Borigoan	Piezometer	1.00	150.00	150	74.12	23.58	9.05	1.4	1.7	2.88
69	W235656075500501	BANSWARA	ARTHOONA	DAG1	Dug well	0.00	20.00	486	74.07	23.45	0	1.45	11.73	13.08
70	W232716074043001	BANSWARA	ARTHOONA	Kotra1	Piezometer	1.00	150.00	162	74.07	23.45	12	1.67	1.97	4.45
71	W242900072410001	BANSWARA	ARTHOONA	Mungthalla	Piezometer	0.35	150.00	252	74.17	23.51	0	7.85	7.08	8.63
72	W240430074343001	BANSWARA	ARTHOONA	Punga Talab	Dug well	0.21	12.99	363	74.1	23.5	0	0.59	2.79	2.6
73	W233053074101201	BANSWARA	ARTHOONA	Raiyana	Dug well	0.00	8.00	175.925	74.17	23.51	6.82	3.2	3.85	4.03
74	W232415074160001	BANSWARA	BAGIDORA	Bagidora	Dug well	0.67	17.68	213	74.27	23.4	4.18	0	0	0
75	W232516074173101	BANSWARA	BAGIDORA	Bansla	Piezometer	1.00	142.00	199	74.29	23.42	6.15	2.9	5.8	5.44
76	W232500074210101	BANSWARA	BAGIDORA	Barodiya	Dug well	0.60	11.15	226	74.35	23.42	4.55	1.7	2.6	2.43
77	W234255074154601	BANSWARA	BAGIDORA	Bhimpur	Piezometer	1.00	20.00	260	74.35	23.42	0	3	4.15	6.21
78	W234132073432801	BANSWARA	BAGIDORA	GORADA	Dug well	0.33	9.00	307	74.28	23.37	0	1.07	2.17	5.51
79	W234545073270001	BANSWARA	BAGIDORA	RATANPUR	Dug well	0.45	12.75	310	74.29	23.42	0	1.95	3.05	6.33
80	W233200074270001	BANSWARA	BANSWARA	Banswara1	Dug well	0.90	10.00	242	74.45	23.53	7.34	3.4	4.8	5.68
81	W233210074311001	BANSWARA	BANSWARA	Padla Barora	Dug well	0.90	12.50	263	74.52	23.54	7.8	1.5	1.5	4.97
82	W245152072490301	BANSWARA	BANSWARA	PALRI	Dug well	0.83	22.00	349	74.52	23.54	0	2.57	4.14	6.47
83	W244938073384401	BANSWARA	BANSWARA	SANGATH	Dug well	0.86	21.00	747	74.45	23.53	0	6.04	4.99	9.01
84	W233100074430001	BANSWARA	CHHOTISARVAN	Danpur	Dug well	0.45	12.00	374	74.72	23.52	8.75	2.25	5.65	5.97
85	W243200076090001	BANSWARA	CHHOTISARVAN	JHALRAPATAN	Dug well	0.00	9.84	322	74.72	23.52	0	1.18	4.9	6.1
86	W233210074370001	BANSWARA	CHHOTISARVAN	Katumbi Dw	Dug well	0.80	10.00	343	74.62	23.54	7.35	1.6	1.5	4.74
87	W245500073440001	BANSWARA	CHHOTISARVAN	KHAMNOR1	Dug well	0.00	17.00	613	74.62	23.54	0	5.7	4.15	5.99
88	W250210074293001	BANSWARA	CHHOTISARVAN	KHARKHANDA	Dug well	0.46	25.00	451	74.6	23.56	0	23.44	3.19	6.09
89	W250200074070001	BANSWARA	CHHOTISARVAN	RAILMAGRA1	Dug well	0.88	21.00	491	74.69	23.55	0	0.88	2.92	4.7
90	W233524074103001	BANSWARA	GARHI	GARHI PARTAPURA	Dug well	1.00	17.15	152	74.18	23.59	11.95	1.55	0.9	1.92
91	W253715075163001	BANSWARA	GARHI	JAHAJPUR	Dug well	0.50	14.75	335	74.26	23.72	0	12.65	7.35	10.8
92	W250700074050001	BANSWARA	GARHI	KHANDEL1	Dug well	0.21	18.00	511	74.28	23.62	0	6.74	5.49	5.16
93	W250400074214501	BANSWARA	GARHI	RASHMI1	Dug well	1.55	12.50	448	74.18	23.59	0	9.2	4	5.15
94	W234007074302001	BANSWARA	GHATOL	Bhoongra	Dug well	0.55	10.81	234	74.51	23.67	9.55	2.9	4.45	6.07
95	W252830071043001	BANSWARA	GHATOL	Chauhtan_DW	Dug well	1.50	250.00	172	74.33	23.67	0	50.1	0	48.21
96	W263037073224001	BANSWARA	GHATOL	DEVATRA	Dug well	2.40	35.00	260	74.44	23.89	0	11.26	16.6	29.8
97	W251211072394601	BANSWARA	GHATOL	Digaon	Dug well	0.00	34.00	173.84	74.51	23.62	0	23.1	24.28	0
98	W235150074273001	BANSWARA	GHATOL	DUNGARIA	Dug well	1.50	17.00	195	74.46	23.86	10.65	3.8	7.7	7.6
99	W234600074151001	BANSWARA	GHATOL	GANORA	Dug well	1.56	9.74	170	74.25	23.77	3.84	0.36	1.29	0.04
100	W263012075244101	BANSWARA	GHATOL	Ghatyali	Dug well	0.30	14.50	310	74.46	23.86	0	8.5	8.2	9.8
101	W251642073465801	BANSWARA	GHATOL	Gomti Chouraha	Piezometer	0.90	100.00	668	74.39	23.66	0	4.35	6.25	7.08
102	W255900075090001	BANSWARA	GHATOL	KEKRI1	Dug well	1.16	14.39	361	74.48	23.78	0	11.89	5.18	0
103	W263326075303101	BANSWARA	GHATOL	Lasariya	Dug well	0.25	21.00	313	74.44	23.89	0	7.75	6.35	9.95
104	W252209076094501	BANSWARA	GHATOL	MANDAVRA	Dug well	0.68	16.28	219	74.33	23.67	0	1.43	2.12	3.57
105	W235340074263501	BANSWARA	GHATOL	NARWALI	Dug well	0.65	6.00	184	74.44	23.89	7.9	1.1	1.95	3.87
106	W255500076314401	BANSWARA	GHATOL	PHARIYA	Dug well	0.86	18.00	226	74.25	23.77	0	8.44	6.54	8.99
107	W252940075472401	BANSWARA	GHATOL	RAJWAS	Dug well	0.51	7.50	239	74.51	23.67	0	0.49	1.29	1.39
108	W235340074263502	BANSWARA	GHATOL	Rathor Ki Phadoli	Dug well	1.00	9.50	184	74.44	23.89	5.2	1.2	1.95	0
109	W234700074290401	BANSWARA	GHATOL	Sadri	Dug well	0.85	10.00	239	74.48	23.78	4.75	0.35	2.55	2.95
110	W233922074232301	BANSWARA	GHATOL	SENNWASA	Dug well	0.73	11.90	195	74.39	23.66	5.77	3.37	5.17	3.37
111	W233301074410901	BANSWARA	KUSHALGARH	Bagtalav	Dug well	1.00	10.00	346	74.58	23.22	0	1.5	3.3	5.11
112	W234000074194301	BANSWARA	KUSHALGARH	Chanduji Ka Guda_Pz	Piezometer	1.00	150.00	170	74.38	23.31	0	0.6	1.05	1
113	W231311074350001	BANSWARA	KUSHALGARH	Chhoti Sarwa	Piezometer	1.00	150.00	340	74.58	23.22	14.42	0.6	2.1	11.51
114	W231235074285301	BANSWARA	KUSHALGARH	Kalakheth_Pz	Piezometer	1.00	100.00	311	74.48	23.21	4.8	2.1	2.6	0
115	W232800073544501	BANSWARA	KUSHALGARH	KUA	Dug well	0.60	12.00	175	74.45	23.2	0	3.1	2.5	3.15
116	W231200074270002	BANSWARA	KUSHALGARH	KUSALGARH	Dug well	1.23	8.52	297	74.45	23.2	6.67	1.07	1.57	2.21
117	W231200074270701	BANSWARA	KUSHALGARH	Kusalgarh_Pz	Piezometer	1.00	150.00	300	74.45	23.2	8.11	1.55	3.6	4.3
118	W233145073454501	BANSWARA	KUSHALGARH	PEETH	Dug well	0.17	12.23	221	74.48	23.21	0	4.13	0.63	3.03
119	W232206074164501	BANSWARA	KUSHALGARH	RAKHO	Dug well	0.81	13.63	222	74.45	23.2	0	1.89	0.99	1.39
120	W231552074255501	BANSWARA	KUSHALGARH	Saran	Dug well	1.00	10.00	291	74.43	23.26	6.22	0.8	1.3	2.17
121	W233700074170001	BANSWARA	KUSHALGARH	Wajwana	Piezometer	1.00	150.00	167	74.43	23.26	0	3.4	2.9	5.11
122	W231330074183601	BANSWARA	SAJJANGARH	Bhura Kua	Dug well	0.00	10.50	250	74.31	23.23	9.7	1.25	2.4	2.32
123	W231937074214201	BANSWARA	SAJJANGARH	Bilari	Dug well	1.00	9.80	241	74.36	23.33	6.1	0.8	0.8	5.01
124	W234000074194801	BANSWARA	SAJJANGARH	Chanduji Ka Guda	Dug well	0.61	3.90	170	74.36	23.33	0	1.19	1.67	1.84

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
125	W231846074224701	BANSWARA	SAJJANGARH	Charakni	Dug well	1.00	8.20	241	74.29	23.17	0	1.6	2.4	5.94
126	W231800074190001	BANSWARA	SAJJANGARH	Chinch	Piezometer	1.00	150.00	238	74.32	23.3	1.5	0.25	1.2	0.42
127	W231020074172501	BANSWARA	SAJJANGARH	CHOTA DUNGRA	Dug well	0.07	9.80	258	74.29	23.17	6.78	1.33	2.83	4.11
128	W233327074360401	BANSWARA	SAJJANGARH	Danakshari	Dug well	1.00	10.00	289	74.31	23.23	0	2.2	2.3	4.29
129	W233700074303001	BANSWARA	SAJJANGARH	Khera Dahar	Dug well	0.00	11.00	249	74.32	23.3	0	2.6	3.2	1.6
130	W233033074230401	BANSWARA	TALWARA	Borwat	Piezometer	1.00	40.00	197	74.38	23.51	5.1	2.2	3.35	2.34
131	W233033074223901	BANSWARA	TALWARA	Chiriyawasa	Dug well	1.00	11.50	197	74.38	23.51	4.3	2.15	3	1.35
132	W242200075500901	BANSWARA	TALWARA	GURARIYA JOGA	Dug well	0.53	16.00	383	74.38	23.51	0	6.57	3.57	5.47
133	W242126074211301	BANSWARA	TALWARA	Mahuda	Dug well	0.50	18.00	484	74.38	23.51	0	5	7.7	14.51
134	W232900074220001	BANSWARA	TALWARA	Sera Pada Sandoh	Piezometer	1.00	150.00	197	74.37	23.48	6.11	0	1.6	1.1
135	W250930076180001	BARAN	ANTAH	ANTA1	Dug well	0.44	8.00	249	76.3	25.16	6.76	2.66	1.76	2.66
136	W251930076304501	BARAN	ANTAH	MANGROL	Dug well	0.57	8.81	238	76.51	25.33	6.28	1.23	3.13	3.88
137	W251801076194501	BARAN	ANTAH	UDPURIA	Dug well	0.65	6.87	240	76.33	25.3	5.3	0.75	4.05	3.3
138	W245127076394001	BARAN	ATRU	ATRU1	Dug well	0.81	11.12	284	76.66	24.86	5.89	3.09	1.34	2.39
139	W244454076443001	BARAN	ATRU	KANWAI	Dug well	0.41	9.00	310	76.74	24.75	7.24	3.59	4.29	4.84
140	W245930076283001	BARAN	BARAN	BAMLA	Dug well	0.90	10.87	276	76.47	24.99	4.62	1.55	0	3.3
141	W250600076311201	BARAN	BARAN	Baran	Dug well	1.00	20.00	259	76.52	25.1	10.4	4.7	0.85	2
142	W244004076503601	BARAN	CHHABRA	Chhabra_GWD	Piezometer	0.00	50.00	348.254	76.84	24.67	28	24.6	8.2	11.55
143	W273005076012501	BARAN	CHHIPABAROD	Antella	Piezometer	0.00	55.34	396.98	76.7	24.44	0	0	30.7	31.05
144	W243539076435601	BARAN	CHHIPABAROD	CHHIPA BAROD	Dug well	0.92	15.00	334	76.73	24.59	9.68	7.08	5.53	7.38
145	W260658073290301	BARAN	CHHIPABAROD	HARIYADA	Piezometer	0.50	200.00	238	76.6	24.48	0	0	0	2.7
146	W242610076420001	BARAN	CHHIPABAROD	HARNAUDA	Dug well	0.58	11.00	330	76.7	24.44	8.82	4.62	4.22	5.32
147	W242900076360001	BARAN	CHHIPABAROD	SARTHAL	Dug well	0.30	8.00	311	76.6	24.48	4.2	1.3	1.75	2.6
148	W250500076420001	BARAN	KISHANGANJ	Banthoni	Piezometer	1.00	150.00	276	76.7	25.08	8.3	0	0	0
149	W250529076473701	BARAN	KISHANGANJ	BHANWARGARH	Dug well	0.76	13.70	321	76.79	25.09	2.64	1.44	0.94	1.19
150	W250630076390001	BARAN	KISHANGANJ	KISHANGANJ1	Dug well	0.89	14.50	257	76.65	25.11	10.66	1.96	2.76	3.21
151	W251230077213001	BARAN	SHAHBAD	Kasba Thana	Dug well	0.30	10.90	392	77.36	25.21	6.1	1.7	4.5	5.85
152	W250800076540001	BARAN	SHAHBAD	KELWARA1	Dug well	0.80	5.00	363	76.9	25.13	3.9	1.85	0.9	3.3
153	W251116077062001	BARAN	SHAHBAD	MAMONI	Dug well	0.50	11.00	475	77.11	25.19	11.42	0.62	1.12	4.52
154	W251548077154801	BARAN	SHAHBAD	PAJAL TORI	Dug well	0.50	13.20	315	77.26	25.26	12.6	2.72	2.35	4.2
155	W251500077080001	BARAN	SHAHBAD	SHAHABAD1	Dug well	1.07	7.30	470	77.13	25.25	4.13	1.63	2.07	3.53
156	W255015072122001	BARMER	BALOTRA	Balotra	Piezometer	0.00	60.00	110.72	72.21	25.84	34.3	33.9	34.5	33.9
157	W254410071235001	BARMER	BARMER	BARMER1	Dug well	2.25	40.00	187	71.4	25.74	15.05	17.05	15.58	15.72
158	W255300071210001	BARMER	BARMER	Bhadka1	Piezometer	1.10	156.00	193	71.35	25.88	84.3	84.3	84.3	84.94
159	W255400071210001	BARMER	BARMER	Bhotia	Piezometer	1.00	200.00	193	71.35	25.9	78.85	78.9	78.96	79.18
160	W255315071143001	BARMER	BARMER	BISALA	Dug well	1.35	20.00	228	71.24	25.89	13.75	15.4	14.5	14.52
161	W254445071394601	BARMER	BARMER	CHAWA	Dug well	0.87	51.00	139	71.66	25.75	39.73	39.63	0	49.28
162	W255342071333701	BARMER	BARMER	Chitar Ka Par	Piezometer	1.00	145.00	148	71.56	25.9	25.7	24.1	24.86	29.17
163	W253248071235501	BARMER	BARMER	HATHITALA	Dug well	0.80	54.17	139	71.4	25.55	50.4	51.6	51.36	52.29
164	W254057071123901	BARMER	BARMER	JASAI	Dug well	1.41	25.00	232	71.21	25.68	19.89	20.04	21.89	18.42
165	W254730071344501	BARMER	BARMER	MATASAR	Dug well	1.10	48.90	153	71.58	25.79	35.6	34.8	34.12	34.17
166	W255818071084201	BARMER	BARMER	NAND	Dug well	1.60	23.86	247	71.14	25.97	14.5	14.3	12.6	12.37
167	W254040071132501	BARMER	BARMER	PATRASAR	Dug well	1.55	20.00	239	71.22	25.68	14.05	11.85	14.53	14.59
168	W254101071371501	BARMER	BARMER	RAWATSAR1	Piezometer	1.00	144.40	148	71.62	25.68	62.95	63	63.47	63.59
169	W252847071240001	BARMER	BARMER	SANAWARA	Dug well	1.69	51.31	123	71.4	25.48	45.11	44.91	46.57	45.37
170	W254215071244501	BARMER	BARMER	Sansiyar	Dug well	1.55	74.64	181	71.41	25.7	22.75	19.55	19.92	20.85
171	W255136071451501	BARMER	BAYTOO	BAITU1	Dug well	1.38	41.52	156	71.75	25.86	32.5	32.62	32.6	32.32
172	W260939071343001	BARMER	BAYTOO	Jhak Pz	Piezometer	1.00	120.00	228	71.57	26.16	56.4	56.3	56.52	56.75
173	W255938071452501	BARMER	BAYTOO	PANAVADA	Dug well	1.49	38.12	167	71.76	25.99	28.91	29.61	25.57	28.74
174	W260327071300901	BARMER	BAYTOO	Rewali	Piezometer	1.00	130.00	221	71.5	26.06	93.6	0	0	0
175	W253612071170001	BARMER	CHOHTAN	NIMRI (RADEWA)	Dug well	1.87	35.20	190	71.28	25.6	10.83	8.48	11.3	10.87
176	W253509071140001	BARMER	CHOHTAN	SANLOR	Dug well	1.70	32.00	198	71.23	25.59	27.8	27.7	28.96	27.62
177	W252015070515501	BARMER	CHOHTAN	SIYAGA TALA	Dug well	1.56	74.00	166	70.87	25.34	65.64	63.54	65.29	64.58
178	W251422071060701	BARMER	DHANAPO	Dhanau	Piezometer	0.65	250.00	72	71.1	25.24	58.75	58.85	59.13	58.88
179	W250930071270001	BARMER	DHORIMANNA	KATERLA	Piezometer	0.47	250.00	74	71.45	25.16	15.47	13.47	15.5	15.61
180	W250720071352001	BARMER	DHORIMANNA	PIPARLI GAON	Piezometer	1.00	58.00	50	71.59	25.12	7.7	7.4	7.3	7.41
181	W255455070523001	BARMER	GADRAROAD	BALEWA	Dug well	2.10	33.70	216	70.88	25.92	21.5	21	21.21	20.9
182	W254425070382001	BARMER	GADRAROAD	GADRA ROAD	Dug well	1.45	107.34	149	70.64	25.74	99.82	0	99.35	99.25
183	W260105070493801	BARMER	GADRAROAD	Jansingh Ki Beri	Dug well	1.78	16.22	254	70.83	26.02	8.2	7.39	8.32	8.72
184	W255444070275501	BARMER	GADRAROAD	KHARIN	Dug well	0.80	50.00	233	70.47	25.91	43.9	44.4	45.9	46.02
185	W254610070210001	BARMER	GADRAROAD	NOPAT	Dug well	0.00	80.75	82	70.35	25.77	72.7	72.44	72.1	72.2
186	W255930070100001	BARMER	GADRAROAD	PANCHLA	Dug well	1.50	53.45	65	70.17	25.99	40.95	41.9	41.1	0

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
187	W255045070592301	BARMER	GADRAROAD	REDANA	Dug well	1.58	26.55	221	70.99	25.85	22.52	17.32	20.1	18.52
188	W255951071580301	BARMER	GIRA	Santara	Dug well	0.00	7.80	141.83	71.97	26	4.6	4.4	0	4.6
189	W260901071482401	BARMER	GIRA	SAUPADAMSINGH	Dug well	1.49	32.06	213	71.81	26.15	21.61	21.41	21.51	22.64
190	W260400072400001	BARMER	KALYANPUR	DOLI	Dug well	0.50	32.00	157	72.67	26.07	9.9	6.8	4.1	4.25
191	W255630072210201	BARMER	KALYANPUR	KURI	Dug well	1.33	14.30	123	72.35	25.94	10.67	10.57	10.47	10.47
192	W260300072213001	BARMER	KALYANPUR	THOB	Dug well	1.26	28.04	157	72.36	26.05	21.14	13.94	14.94	15.64
193	W261213072291901	BARMER	KALYANPUR	Thoombli	Dug well	0.00	28.20	172.74	72.49	26.2	24.9	22.9	22.7	22.8
194	W254317070584301	BARMER	RAMSAR	Bhachbhar	Dug well	1.70	27.00	201	70.98	25.72	24.85	15.55	21.35	21.38
195	W254634071094801	BARMER	RAMSAR	DERASAR	Dug well	1.60	26.00	72	71.16	25.78	14.5	14.3	15.2	15.22
196	W254830071022001	BARMER	RAMSAR	SUTHARON KI DHANI	Dug well	1.30	28.20	229	71.04	25.81	16.6	11.6	11.98	11.35
197	W254650072351501	BARMER	SAMDARI	KARMAWAS	Piezometer	1.00	58.00	139	72.59	25.78	4.2	3.25	3.1	4.1
198	W244912071093001	BARMER	SERWA	Sata_Pz	Piezometer	1.00	250.00	31	71.16	24.82	6.3	6.5	6.67	6.78
199	W250400071074201	BARMER	SERWA	Sedwa	Piezometer	0.40	250.00	108	71.13	25.07	58.45	0	0	0
200	W245010071130001	BARMER	SERWA	TARLA	Dug well	0.50	6.98	43	71.22	24.84	4.1	4.1	4.24	3.8
201	W261429071164201	BARMER	SHEO	BISUKALAN	Dug well	0.00	37.30	240	71.28	26.24	34.6	34.53	34.4	34.5
202	W262018071332001	BARMER	SHEO	GUJRO KA BERA	Piezometer	1.00	213.00	242	71.56	26.34	88.5	88.95	88.95	89.1
203	W261535071362001	BARMER	SHEO	KASHMIR	Piezometer	0.51	250.00	235	71.61	26.26	62.57	63.19	63.33	63.53
204	W252800071580301	BARMER	SINDHARI	ARNIYALI	Piezometer	0.75	64.00	90	71.97	25.47	38.35	38.35	38.83	39
205	W253400071540001	BARMER	SINDHARI	SINDARI	Piezometer	1.00	50.00	88	71.9	25.57	15.65	15.8	15.83	15.67
206	W26541607223401	BHARATPUR	BAYANA	BANDH BARETA	Dug well	0.15	5.15	201	77.38	26.9	3.05	3.05	2.85	3.19
207	W26575007232401	BHARATPUR	BAYANA	BAWARI BARODA	Dug well	0.90	10.00	192	77.39	26.96	8.35	7.08	6.95	6.7
208	W265820077150501	BHARATPUR	BAYANA	Bhagori_DW	Dug well	0.50	20.00	199	77.25	26.97	16.1	13.05	13.4	12.67
209	W264605077255201	BHARATPUR	BAYANA	Jaisora	Piezometer	1.00	60.00	219	77.43	26.77	11.25	7.98	9.65	8.01
210	W265700077230001	BHARATPUR	BAYANA	Kheria Mod	Dug well	0.40	11.20	194	77.38	26.95	4.9	4.8	6.6	4.52
211	W270120077225901	BHARATPUR	BAYANA	Milakpur	Piezometer	0.00	50.00	183	77.38	27.02	44.9	0	36.3	0
212	W272342077210901	BHARATPUR	DEEG	MANDHERA	Dug well	0.29	20.00	181	77.35	27.4	11.31	10.21	9.66	9.93
213	W273300077180002	BHARATPUR	DEEG	Pasta	Piezometer	1.00	152.00	186	77.3	27.55	6.2	5.95	7.15	6.94
214	W273412077180001	BHARATPUR	DEEG	SIHORA	Dug well	0.75	15.00	186	77.3	27.57	11.25	10.7	10.6	11.45
215	W274656077133601	BHARATPUR	KAMAN	JURAHRA	Dug well	0.78	15.50	188	77.23	27.78	7.62	6.74	7.22	8.44
216	W271900077230005	BHARATPUR	KUMHER	KUMHER	Dug well	1.00	12.00	182	77.38	27.32	2.55	2.5	3.65	2.29
217	W272000077330001	BHARATPUR	KUMHER	RARAH PZI	Piezometer	1.05	146.42	175	77.55	27.33	9.7	8.8	9.8	9.43
218	W272000077330002	BHARATPUR	KUMHER	RARAH PZII	Piezometer	0.95	50.00	175	77.55	27.33	19	20.4	19.85	22.24
219	W271330077053001	BHARATPUR	NADBAI	BAONLI CHAN	Piezometer	1.00	100.00	213	77.09	27.23	39.7	33.5	33.9	35.03
220	W270951077191401	BHARATPUR	NADBAI	Lulhara	Piezometer	1.00	60.00	191	77.32	27.16	20.6	17.47	19	0
221	W271230077124501	BHARATPUR	NADBAI	NADBAI	Piezometer	1.08	90.62	203	77.21	27.21	19.27	17.9	17.97	18.03
222	W273200077073001	BHARATPUR	NAGAR	GULPURA	Dug well	0.90	15.00	201	77.13	27.53	12	0	0	0
223	W273130077043001	BHARATPUR	NAGAR	JAISARI	Piezometer	1.00	121.65	206	77.07	27.52	13.1	11.8	10.25	9.31
224	W273917077034801	BHARATPUR	PAHARI	Gopalgarh	Dug well	1.10	12.30	198	77.06	27.65	10.7	8.15	8.8	9.56
225	W265945077293002	BHARATPUR	RUPBAS	DAHINAGAON	Dug well	0.82	17.00	181	77.49	27	12.88	10.46	11.78	11.55
226	W265830077381501	BHARATPUR	RUPBAS	KHAN SURJAPUR	Dug well	1.10	16.88	172	77.64	26.98	9	6.62	7.95	6.15
227	W270200077330001	BHARATPUR	RUPBAS	KHANUA	Dug well	0.53	13.00	181	77.55	27.03	11.57	10.67	11.07	10.28
228	W265900077340001	BHARATPUR	RUPBAS	Roopwas1	Piezometer	1.00	150.00	175	77.57	26.98	2.6	0.1	0.1	0.12
229	W271300077300001	BHARATPUR	SEWAR	Bharatpur1	Dug well	0.76	8.39	179	77.5	27.22	1.84	1.44	2.94	0.74
230	W271030077234201	BHARATPUR	SEWAR	Ludhawai_GWD	Dug well	0.00	10.90	184	77.39	27.17	6.7	5.98	6.7	6.2
231	W270700077040002	BHARATPUR	WEIR	Chokarwada	Piezometer	1.00	91.00	216	77.07	27.12	57.2	54.89	53.7	54.28
232	W270652077090001	BHARATPUR	WEIR	HALENA	Piezometer	1.00	52.64	207	77.15	27.11	39.75	0	30.1	0
233	W270200077080001	BHARATPUR	WEIR	Jagjeevanpura	Piezometer	1.00	100.00	228	77.13	27.03	10.1	9	10.25	10.59
234	W270854077043401	BHARATPUR	WEIR	Newada Deep	Piezometer	1.00	98.00	212	77.08	27.15	28.25	27	27.6	27.67
235	W270050077103001	BHARATPUR	WEIR	WEIR1	Piezometer	1.13	92.20	217	77.18	27.01	26.17	23.94	24.77	25.1
236	W255000074170001	BHILWARA	ASIND	BADNOR	Dug well	1.02	15.00	495	74.28	25.83	4.58	3.98	2.3	3.08
237	W254530074280001	BHILWARA	ASIND	BARASNI	Dug well	1.32	23.68	437	74.47	25.76	13.68	11.43	1.43	1.38
238	W253800074191201	BHILWARA	ASIND	Daulatgarh	Dug well	0.20	29.80	529	74.32	25.63	10.1	8.9	1.17	1.5
239	W254050074272701	BHILWARA	ASIND	Dholi_Pz	Piezometer	0.50	200.00	412	74.46	25.68	22.1	17.3	6.55	6.83
240	W253240074302701	BHILWARA	ASIND	Jeewaliya	Dug well	0.70	17.00	458	74.51	25.54	14.4	14	1.8	3
241	W254600074213901	BHILWARA	ASIND	PARASOLI	Piezometer	0.50	200.00	433	74.36	25.77	16.9	12.95	5.33	5.8
242	W254814074271202	BHILWARA	ASIND	Rooppura	Piezometer	0.50	200.00	439	74.45	25.8	26.8	22.35	9.15	9.68
243	W253551074184801	BHILWARA	ASIND	TILOLI	Dug well	1.15	15.48	498	74.31	25.6	6.95	5.9	0.35	0.05
244	W252819074430601	BHILWARA	BANERA	BABRANA	Piezometer	0.50	200.00	368	74.72	25.47	4.6	1.45	0.66	1.55
245	W252915074395401	BHILWARA	BANERA	BANERAMATAJI	Dug well	0.70	19.00	423	74.67	25.49	19	16.45	4.05	5.4
246	W253800074360001	BHILWARA	BANERA	RAILA ROAD	Dug well	0.85	26.00	431	74.6	25.63	11.55	10.75	2.55	4.2
247	W251012075192201	BHILWARA	BIJOLIYAN	BIJOLIA	Dug well	0.47	15.38	528	75.32	25.17	6.33	5.53	3.06	3.75
248	W252051075175102	BHILWARA	BIJOLIYAN	MANGTALA	Piezometer	0.50	200.00	368	75.3	25.35	18.7	14.3	6.83	13.3

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
249	W250352075174201	BHILWARA	BIJOLIYAN	PAPARBAR	Piezometer	0.50	200.00	439	75.29	25.06	17.5	15.5	7.76	0.6
250	W251736075194301	BHILWARA	BIJOLIYAN	Rampuriya_Pz	Piezometer	0.50	200.00	331	75.33	25.29	23.68	20.1	10.31	10.6
251	W250650075154001	BHILWARA	BIJOLIYAN	SALAWATIA	Dug well	0.50	31.00	530	75.26	25.11	24.5	21.65	10.43	21.48
252	W251156075253101	BHILWARA	BIJOLIYAN	Soonthi	Piezometer	0.50	200.00	348	75.43	25.2	30.5	25.65	12.01	13.1
253	W255200074330001	BHILWARA	HURDA	GAGEDA	Dug well	0.51	14.90	416	74.55	25.87	19.49	18.24	2.89	3.63
254	W255400074401201	BHILWARA	HURDA	GULABPURA	Dug well	0.89	19.00	397	74.67	25.9	3.81	3.26	1.98	0.61
255	W254631074304801	BHILWARA	HURDA	PHALAMADA	Piezometer	0.50	200.00	345	74.51	25.78	22.05	17.65	6.2	2.65
256	W254324074373301	BHILWARA	HURDA	SANODIYA	Piezometer	0.50	200.00	374	74.63	25.72	5.9	2.65	2.51	2.4
257	W254200075211501	BHILWARA	JAHAZPUR	AMARWASI	Dug well	0.31	6.99	331	75.35	25.7	3.99	3.19	2.92	0.79
258	W253113075073401	BHILWARA	JAHAZPUR	Bagudar	Piezometer	0.50	200.00	286	75.13	25.52	4.32	1.9	1.6	2.1
259	W254100075200001	BHILWARA	JAHAZPUR	BORANI	Dug well	0.41	20.00	345	75.33	25.68	18.59	16.74	12.49	11.84
260	W253910075252701	BHILWARA	JAHAZPUR	Luhari Kallan	Piezometer	0.50	200.00	293	75.38	25.65	16.4	14.3	6.59	5.4
261	W253257075161101	BHILWARA	JAHAZPUR	Piplund	Piezometer	0.50	200.00	325	75.27	25.55	37.65	35.1	9.83	9.9
262	W254124075073001	BHILWARA	JAHAZPUR	Tithora Maffi	Piezometer	0.50	200.00	310	75.13	25.69	14.25	11.75	6.01	6.2
263	W252809075031801	BHILWARA	KOTRI	Bhagwanpura	Dug well	0.00	13.30	362	75.06	25.47	9.15	8.9	4.5	5.9
264	W252350074533001	BHILWARA	KOTRI	KOTARI	Dug well	1.13	17.63	379	74.89	25.4	12.17	11.07	3.37	0
265	W253104075053001	BHILWARA	KOTRI	PAROLI	Dug well	0.30	10.40	341	75.09	25.52	3.35	3.15	1.58	1.7
266	W251825074520001	BHILWARA	KOTRI	SAWAIPUR	Dug well	1.00	28.99	387	74.87	25.31	14.25	13.75	1.84	6.2
267	W251842074515701	BHILWARA	KOTRI	Swaipur	Piezometer	0.50	200.00	311	74.87	25.31	14.5	10.4	1.65	4.48
268	W252659074215602	BHILWARA	MANDAL	BAKLI_Pz	Piezometer	0.50	200.00	450	74.37	25.45	29.7	25.1	6.66	6.83
269	W253140074180301	BHILWARA	MANDAL	Dahimatha	Dug well	0.16	25.00	493	74.3	25.53	21.55	19.55	10.94	6.75
270	W253054074160001	BHILWARA	MANDAL	Karera	Piezometer	1.00	150.00	506	74.27	25.51	20	19.05	12.89	14.95
271	W253125074192701	BHILWARA	MANDAL	MALAS_Pz	Piezometer	0.50	200.00	445	74.32	25.52	17.3	12.65	7.89	11.35
272	W254135074073601	BHILWARA	MANDAL	SHIVPUR_Pz	Piezometer	0.50	200.00	542	74.13	25.69	14.8	11.55	7.08	7.5
273	W251440075014701	BHILWARA	MANDALGARH	BIGOD	Dug well	0.70	10.90	358	75.03	25.24	10.3	9.2	1.37	1.32
274	W250915075071701	BHILWARA	MANDALGARH	Ladpura	Dug well	0.21	20.00	397	75.12	25.15	12.8	11.85	5.05	3.95
275	W251249075033701	BHILWARA	MANDALGARH	Mandalgarh_Pz	Piezometer	0.50	200.00	310	75.06	25.21	20	0	5.13	7.4
276	W251100075053801	BHILWARA	MANDALGARH	MANDALGARH1	Dug well	0.50	30.00	351	75.09	25.18	20.7	19.55	1.5	4.8
277	W251700075000601	BHILWARA	MANDALGARH	RAMNAGAR_Pz	Piezometer	0.50	200.00	346	75	25.28	36.2	32.75	6.3	7.3
278	W251158074561501	BHILWARA	MANDALGARH	SURAS	Piezometer	0.50	200.00	306	74.94	25.2	64.1	60.55	0	50.5
279	W251500074025501	BHILWARA	RAIPUR	Dangri	Piezometer	0.50	200.00	529	74.05	25.25	22	17.65	9.45	9.6
280	W251700074093001	BHILWARA	RAIPUR	DEVARIA	Dug well	1.40	33.60	525	74.16	25.28	23.85	19.75	7.85	9.8
281	W252715074111501	BHILWARA	RAIPUR	NANGPURA	Dug well	0.42	32.00	529	74.19	25.45	30.78	28.33	5.29	19.88
282	W252306074063001	BHILWARA	RAIPUR	PITAKHERA	Dug well	1.00	24.30	544	74.11	25.39	12.2	11.05	3.57	7.18
283	W252413074094001	BHILWARA	RAIPUR	Raipur	Dug well	1.00	26.50	533	74.16	25.4	9.8	8.65	1.01	1.8
284	W252636074120001	BHILWARA	RAIPUR	Thala_Pz	Piezometer	0.50	200.00	495	74.2	25.44	18.2	14.25	6.62	5.4
285	W251143074173901	BHILWARA	SAHARA	Galodiya	Dug well	0.00	24.30	477.425	74.29	25.2	16.3	14.55	7.07	8.5
286	W251300074153501	BHILWARA	SAHARA	GANGAPUR1	Dug well	0.42	25.53	506	74.26	25.22	12.18	9.73	3.38	4.36
287	W251322074253001	BHILWARA	SAHARA	Karoi Kalan	Dug well	1.50	25.00	461	74.43	25.22	16.6	14.45	8.2	4.2
288	W251828074105501	BHILWARA	SAHARA	KOSHITHAL	Piezometer	0.50	200.00	475	74.18	25.31	14.4	10.45	1.27	1.8
289	W251541074220301	BHILWARA	SAHARA	Mahendragarh	Piezometer	0.50	200.00	433	74.37	25.26	14	11.65	4.4	6.2
290	W250812074130201	BHILWARA	SAHARA	POTLAN	Piezometer	0.50	200.00	441	74.22	25.14	4.2	2.55	1.35	1.9
291	W251214074092001	BHILWARA	SAHARA	SALERA	Piezometer	0.50	200.00	456	74.16	25.2	14.5	13.1	5.22	5.3
292	W252700074512602	BHILWARA	SHAHPURA	Bhojpur_Pz	Piezometer	0.50	200.00	319	74.86	25.45	8.6	4.55	0.87	1.3
293	W254807074523001	BHILWARA	SHAHPURA	Devariya	Piezometer	0.50	200.00	326	74.88	25.8	7.25	4.65	4.21	2.3
294	W253353074492701	BHILWARA	SHAHPURA	Dhikola_Pz	Piezometer	0.50	200.00	346	74.82	25.56	6.3	3.45	3.09	3.45
295	W254520074542001	BHILWARA	SHAHPURA	KANCHAN-KALA	Dug well	1.00	10.50	369	74.91	25.76	7.35	5.9	2.47	0.9
296	W254152074591101	BHILWARA	SHAHPURA	Rahad	Piezometer	0.50	200.00	304	74.99	25.7	3.6	1.55	1.12	1.2
297	W253615074540001	BHILWARA	SHAHPURA	SOPURA	Dug well	0.12	13.62	374	74.9	25.6	7.88	7.23	2.03	2.23
298	W253340074480001	BHILWARA	SHAHPURA	Taswaria Khurd	Dug well	0.25	16.85	389	74.8	25.56	17.85	16.5	4.6	6.09
299	W251050074374801	BHILWARA	SUWANA	HAMIRGARH	Dug well	0.81	25.00	421	74.63	25.18	21.99	20.84	6.08	8.09
300	W252214074463001	BHILWARA	SUWANA	KODUKOTA	Dug well	0.35	25.00	406	74.78	25.37	22.75	20.9	2.15	2.43
301	W251610074381501	BHILWARA	SUWANA	MANDAPIA RS	Dug well	0.10	20.00	410	74.64	25.27	17.3	15.8	6.14	5.6
302	W251800074322102	BHILWARA	SUWANA	MCI (Pur)	Piezometer	0.50	200.00	392	74.54	25.3	5.25	2.4	1.18	0
303	W251131074260901	BHILWARA	SUWANA	SETHORIYA	Piezometer	0.50	200.00	413	74.44	25.19	22.3	15.65	9.41	11.2
304	W252100074420001	BHILWARA	SUWANA	SUWANA1	Dug well	0.00	25.00	407	74.7	25.35	10.15	8.15	0.59	3.55
305	W274800073210002	BIKANER	BIKANER	DESHNOKH	Piezometer	1.00	205.00	271	73.35	27.8	128.15	114.95	113.79	116.8
306	W281300073380003	BIKANER	BIKANER	Dhirera_Pz	Piezometer	1.00	64.00	210	73.63	28.22	52.15	50.55	49.77	50.85
307	W275731073141401	BIKANER	BIKANER	KARMISSAR	Piezometer	1.02	139.60	217	73.24	27.96	72.33	63.63	62.32	64.08
308	W281145073232801	BIKANER	BIKANER	KHARA1	Dug well	1.23	64.27	202	73.39	28.2	56.77	49.59	49.34	49.6
309	W281900073113001	BIKANER	BIKANER	LAKHUSAR	Dug well	0.90	51.00	186	73.19	28.32	45.25	44.8	43.89	42.21
310	W275745073333002	BIKANER	BIKANER	NAPASAR	Dug well	1.39	90.00	245	73.56	27.96	83.91	79.18	77.95	80.01

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
311	W280545073521501	BIKANER	DUNGARGARH	LAKHASAR2	Dug well	1.65	47.95	245	73.87	28.1	44.1	36.55	36	36.08
312	W281321072492701	BIKANER	KHAJUWALA	AMARPURA	Dug well	0.33	41.17	165	72.82	28.22	17.47	16.41	15.58	15.82
313	W284000073080001	BIKANER	KHAJUWALA	CHHATARGARH	Dug well	0.13	57.17	166	73.13	28.67	30.82	30.15	31.74	32.57
314	W284135072352901	BIKANER	KHAJUWALA	Khajuwala_Pz	Piezometer	0.00	240.00	139	72.59	28.69	21.2	0	0	0
315	W2835340073113001	BIKANER	KHAJUWALA	SATTASAR	Dug well	0.89	57.91	179	73.19	28.59	30.06	29.38	28.13	29.04
316	W275600072303001	BIKANER	KOLAYAT	BAJJU	Dug well	1.16	43.14	165	72.51	27.93	31.44	30.54	29.2	29.49
317	W275500072320801	BIKANER	KOLAYAT	Bajju (tejpura)	Piezometer	1.00	120.00	164	72.54	27.92	30.95	29.77	28.67	29.44
318	W274415072081501	BIKANER	KOLAYAT	BHIKAMPUR	Dug well	1.35	36.05	157	72.14	27.74	13.05	14.66	0	14
319	W274544072095001	BIKANER	KOLAYAT	Bhikampur Deep	Piezometer	1.00	116.00	165	72.16	27.76	17.59	17.59	0	0
320	W274544072095002	BIKANER	KOLAYAT	Bhikampur Shallow	Piezometer	1.00	75.00	165	72.16	27.76	15.07	14.99	0	16.6
321	W275617072405001	BIKANER	KOLAYAT	Bithnok_Pz	Piezometer	1.00	138.00	205	72.68	27.94	58.15	56.47	55.31	56.7
322	W274700072380001	BIKANER	KOLAYAT	Gariyala_Pz	Piezometer	1.00	164.00	205	72.63	27.78	77.15	0	0	62.53
323	W275930072174801	BIKANER	KOLAYAT	GODU	Dug well	1.17	48.83	152	72.3	27.99	18.98	18.38	17.13	19.05
324	W275900072210001	BIKANER	KOLAYAT	Godu_Pz_I	Piezometer	1.10	190.61	149	72.35	27.98	17.15	16.61	15.6	16.6
325	W275900072210002	BIKANER	KOLAYAT	Godu_Pz_II	Piezometer	0.90	190.30	149	72.35	27.98	17.2	14.7	13.79	14.7
326	W281830072310401	BIKANER	KOLAYAT	JAGGASAR	Piezometer	0.30	250.00	127	72.52	28.31	18.3	17.43	17.08	17.5
327	W280230072210001	BIKANER	KOLAYAT	Kandharli Deep	Piezometer	1.00	184.00	155	72.35	28.04	12.8	11.77	10.89	11.88
328	W280230072210002	BIKANER	KOLAYAT	Kandharli Shallow	Piezometer	1.00	88.00	155	72.35	28.04	13.1	11.81	10.82	11.67
329	W280206072293001	BIKANER	KOLAYAT	MANKASAR	Dug well	1.50	19.46	166	72.49	28.03	12.2	12.59	11.53	12
330	W275800072250001	BIKANER	KOLAYAT	MODAYAT	Dug well	0.54	69.46	164	72.42	27.97	15.61	14.98	14.44	15.16
331	W280135072073001	BIKANER	KOLAYAT	RANJITPURA	Dug well	0.00	42.80	146	72.13	28.03	25	24.62	23.2	24.6
332	W285600073530001	BIKANER	LUNKARANSAR	ARJANSAR	Dug well	2.05	71.75	206	73.88	28.93	18.8	18.1	16.43	17.18
333	W284205073455101	BIKANER	LUNKARANSAR	BADERAN	Dug well	1.20	49.29	207	73.76	28.7	39.95	28.91	27.83	37.63
334	W282800073270001	BIKANER	LUNKARANSAR	BINJAWARI	Piezometer	1.00	157.00	208	73.45	28.47	67.95	66.57	65.83	66.63
335	W282742073275101	BIKANER	LUNKARANSAR	Binjawari Dw	Dug well	0.50	10.70	211	73.46	28.46	5.1	4.68	4.18	4.45
336	W282623073383101	BIKANER	LUNKARANSAR	Hanseran	Piezometer	0.50	90.00	204	73.64	28.44	28.65	28.68	28.18	34.5
337	W283435073484001	BIKANER	LUNKARANSAR	HARIASAR	Dug well	2.65	61.95	197	73.81	28.58	34.35	30.65	29.21	29.9
338	W281945073291501	BIKANER	LUNKARANSAR	KASTURIA	Dug well	0.94	42.60	186	73.49	28.33	35.86	36.81	34.48	34.46
339	W281940073293001	BIKANER	LUNKARANSAR	Kasturia Pz	Piezometer	1.00	120.00	186	73.49	28.33	35.15	34.34	32.72	34.12
340	W285600073243001	BIKANER	LUNKARANSAR	KHARBARO	Dug well	1.31	47.70	190	73.41	28.93	7.04	6.49	5.49	6.59
341	W282845073333001	BIKANER	LUNKARANSAR	Khirera	Dug well	0.60	10.68	224	73.56	28.48	7.8	7.18	6.4	6.38
342	W285200073210002	BIKANER	LUNKARANSAR	LAKHANSAR_DW	Dug well	1.10	50.00	168	73.35	28.87	11.75	10.55	9.65	10.52
343	W283200073334502	BIKANER	LUNKARANSAR	LALERA1	Piezometer	1.00	150.00	211	73.56	28.53	32.85	0	0	0
344	W283800073360002	BIKANER	LUNKARANSAR	Laxmi Narayansar Dhani	Piezometer	1.00	150.00	202	73.6	28.63	6.15	6.38	5.7	6.58
345	W282930073450001	BIKANER	LUNKARANSAR	LUNKARANSAR1	Piezometer	0.97	129.00	197	73.75	28.49	53.03	52.04	0	52.41
346	W284600073490001	BIKANER	LUNKARANSAR	Mahajan-Pz	Piezometer	1.00	67.30	306	73.82	28.77	37	37.64	36.67	37.7
347	W284001073550801	BIKANER	LUNKARANSAR	MALKISAR	Dug well	1.38	59.62	198	73.92	28.67	16.37	10.34	10.52	15.04
348	W284530073462001	BIKANER	LUNKARANSAR	MANARIA	Dug well	0.69	54.41	196	73.77	28.76	52.46	47.51	46.54	47.51
349	W285305073171501	BIKANER	LUNKARANSAR	RANER	Dug well	0.40	47.60	161	73.29	28.88	12.6	12.74	11.94	12.53
350	W274000073394501	BIKANER	NOKHA	KAKRA	Piezometer	1.62	178.92	305	73.66	27.67	91.53	92.2	90.26	90.73
351	W274529073323501	BIKANER	NOKHA	Morkhana Agoona_Pz	Piezometer	0.00	150.00	306.16	73.54	27.76	109.65	111.18	109.66	109.75
352	W273015073260001	BIKANER	PANCHOO	Kanwalisar	Piezometer	1.00	150.00	328	73.43	27.5	67.8	65.65	64.17	65.55
353	W252815075520001	BUNDI	BUNDI	DELUNDA	Dug well	0.61	17.68	229	75.87	25.47	11.59	7.29	7.59	8.14
354	W252400075333001	BUNDI	BUNDI	RAMNAGAR (JATAN)	Dug well	0.81	15.23	259	75.56	25.4	9.89	1.19	1.29	1.64
355	W252614075305501	BUNDI	HINDOLI	SATUR	Dug well	0.00	15.00	305	75.52	25.44	13.8	3.7	4.9	6.1
356	W253100076100001	BUNDI	KESHORAI PATAN	Dahi Khera	Dug well	0.57	7.38	230	76.17	25.52	5.13	0.13	0.53	0.93
357	W252328076042501	BUNDI	KESHORAI PATAN	KAPREN	Dug well	0.59	6.71	236	76.07	25.39	1.51	1.31	1.41	1.66
358	W251908075555001	BUNDI	KESHORAI PATAN	KESHORAI PATAN	Dug well	0.54	3.96	245	75.93	25.32	2.66	0.71	0.76	1.11
359	W252430075531501	BUNDI	KESHORAI PATAN	MAIJA	Dug well	1.10	10.70	232	75.89	25.41	2.75	0.45	0.35	0.95
360	W265204076240001	CHITTAURGARH	BARI SADRI	BHANDAREJ	Dug well	0.60	31.00	297	74.35	24.36	0	0	26.95	0
361	W241648074305401	CHITTAURGARH	BARI SADRI	KALAKHET	Dug well	0.45	25.40	507	74.51	24.28	19.45	9.35	9.65	15.29
362	W245630074311001	CHITTAURGARH	BARI SADRI	PUROHITOKASAVAT	Dug well	0.72	31.00	436	74.51	24.28	0	0	12.08	19.18
363	W250630074500001	CHITTAURGARH	BEGUN	Dugar	Piezometer	1.00	150.00	383	74.83	25.11	8.5	0	0.65	0.8
364	W250440075100001	CHITTAURGARH	BEGUN	MENAL	Dug well	0.55	6.85	522	75.17	25.08	2.3	1.15	1.18	1.2
365	W250811074531501	CHITTAURGARH	BEGUN	PARSOLI	Dug well	1.65	25.00	398	74.89	25.14	14.35	13.05	0.58	1.45
366	W244336074270001	CHITTAURGARH	BHADESAR	BANSEN	Dug well	0.25	28.00	428	74.45	24.73	25.55	22.05	9.4	14.85
367	W244100074210001	CHITTAURGARH	BHADESAR	NAPANIA	Dug well	0.50	32.50	460	74.35	24.68	30.5	25.6	7.37	7.45
368	W245600075353001	CHITTAURGARH	BHAINSRORGARH	RAWATBHATA	Dug well	1.35	9.95	358	75.59	24.93	0.75	0.05	0.88	2.4
369	W244500074115701	CHITTAURGARH	BHOPALSAGAR	AKOLA	Dug well	0.20	16.00	454	74.2	24.75	9.8	7.7	6.62	7.9
370	W245100074352001	CHITTAURGARH	CHITTAURGARH	Bojunda	Piezometer	0.60	155.00	415	74.59	24.85	23.35	0	10.96	0
371	W245420074384001	CHITTAURGARH	CHITTAURGARH	MANPURA2	Dug well	0.33	18.00	398	74.64	24.91	12.57	9.72	3.62	7.11
372	W245700074410601	CHITTAURGARH	CHITTAURGARH	NAGARI1	Dug well	0.05	17.75	415	74.68	24.95	12.35	9.3	4.18	7.85

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
373	W250300074380001	CHITTAURGARH	GANGRAR	GANGRAR1	Dug well	0.85	22.00	405	74.63	25.05	14.55	3.95	1.38	5.45
374	W245140074183001	CHITTAURGARH	KAPASAN	KAPASAN1	Dug well	0.35	20.78	460	74.31	24.86	7.15	5.6	2.52	2.78
375	W245600074272001	CHITTAURGARH	KAPASAN	SINGHPUR	Dug well	0.50	17.17	432	74.46	24.93	15.2	12.15	6.28	2.2
376	W274400074070001	CHURU	BIDASAR	BAMBOO	Dug well	1.00	68.00	319	74.12	27.73	66.15	64.65	63.44	64.85
377	W275019074170001	CHURU	BIDASAR	BIDASAR	Dug well	2.44	62.56	309	74.28	27.84	25.81	5.09	5.73	6.92
378	W274625074011501	CHURU	BIDASAR	SONIASAR	Dug well	2.11	76.89	317	74.02	27.77	55.99	55.29	53.38	54.77
379	W281545074523001	CHURU	CHURU	BINASA	Dug well	2.31	45.00	296	74.88	28.26	33.89	33.69	32.26	33.49
380	W282815075044501	CHURU	CHURU	DUDWA KHARA	Piezometer	1.81	92.50	276	75.08	28.47	19.79	19.39	17.91	18.09
381	W282800074514501	CHURU	CHURU	RAMPURA	Dug well	1.84	28.16	260	74.86	28.47	21.26	19.96	0	0
382	W281300074480001	CHURU	CHURU	Satda	Dug well	2.94	51.50	297	74.8	28.22	45.16	0	0	0
383	W284010075140001	CHURU	RAJGARH	DADREWA	Dug well	2.99	26.00	233	75.23	28.67	11.71	10.56	11.63	11.45
384	W283200075262001	CHURU	RAJGARH	HARPALU KHUSALA	Piezometer	1.00	114.50	254	75.44	28.53	38	38.3	38.02	38.74
385	W283806075180001	CHURU	RAJGARH	NANGLI	Dug well	1.00	30.66	234	75.3	28.64	21.52	25	24.35	24.56
386	W282800075282001	CHURU	RAJGARH	NEEMA	Piezometer	1.74	115.00	270	75.47	28.47	50.62	50.45	50.56	51.04
387	W283800075223001	CHURU	RAJGARH	RAJGARH1	Dug well	1.99	28.00	480	75.38	28.63	23.9	23.41	24.08	24.19
388	W275820074323001	CHURU	RATANGARH	BHOJASAR	Dug well	1.48	35.00	317	74.54	27.97	31.62	29.8	28.1	29.62
389	W280230074473001	CHURU	RATANGARH	BIRAMSAR1	Dug well	2.53	55.00	312	74.79	28.04	49.87	0	0	0
390	W275500074410001	CHURU	RATANGARH	KANWARI	Piezometer	1.00	52.50	320	74.68	27.92	29.1	28.09	28.1	28.25
391	W280030074365501	CHURU	RATANGARH	LOHA	Dug well	1.59	50.00	326	74.62	28.01	29.56	29.61	27.92	29.51
392	W281215074315001	CHURU	RATANGARH	MELUSAR1	Piezometer	1.00	70.00	297	74.53	28.2	42.75	42.02	41.07	42.14
393	W275528074334001	CHURU	RATANGARH	Perihara	Dug well	0.00	27.20	323.782	74.56	27.92	21.7	21.18	21	20.64
394	W280215074283501	CHURU	RATANGARH	RAJALDESAR	Piezometer	1.00	68.90	321	74.48	28.04	49.3	48.37	47.24	48.35
395	W280000074392401	CHURU	RATANGARH	Sangasar	Piezometer	1.00	44.70	314	74.66	28	33.1	29.9	28.89	29.85
396	W280400074440002	CHURU	RATANGARH	TIDIYASAR Pz	Piezometer	0.85	111.50	315	74.73	28.07	40.35	39.7	38.86	39.8
397	W283437074301601	CHURU	SARDARSHAHAH	Aspalsar	Dug well	2.50	50.00	241	74.5	28.58	43.8	43.45	44.3	43.5
398	W283022074273301	CHURU	SARDARSHAHAH	Bhojrasar DW	Dug well	2.84	58.00	326	74.46	28.51	33.21	0	0	0
399	W283830074223001	CHURU	SARDARSHAHAH	HARDESAR	Dug well	2.48	64.00	222	74.38	28.64	61.52	0	0	0
400	W282450074151001	CHURU	SARDARSHAHAH	KHUNDIA	Dug well	2.50	57.50	240	74.25	28.41	54	52.98	50.47	53
401	W283015074441501	CHURU	SARDARSHAHAH	MELUSAR	Dug well	2.92	48.00	256	74.74	28.5	28.28	24.13	23.25	23.63
402	W282500074230101	CHURU	SARDARSHAHAH	MITTASAR	Dug well	2.03	66.00	259	74.38	28.42	57.97	56.57	55.84	56.87
403	W282620074290901	CHURU	SARDARSHAHAH	SARDARSHAHAH	Piezometer	1.35	76.00	254	74.49	28.44	38.4	36.77	35.86	36.58
404	W274415074250701	CHURU	SUJANGARH	GULERIYA	Dug well	2.00	18.00	316	74.42	27.74	11	9.53	10.02	9.05
405	W284537075013801	CHURU	TARANAGAR	BHALAUTIBBA	Dug well	1.99	18.01	215	75.03	28.76	12.59	11.91	12.22	12.16
406	W285030074543001	CHURU	TARANAGAR	DHIRAWAS	Dug well	1.80	15.20	210	74.91	28.84	9.92	10.1	9.08	9.2
407	W285230074503001	CHURU	TARANAGAR	SHAWA	Dug well	1.30	29.80	212	74.84	28.88	12.73	12.5	12.96	13.09
408	W270934076350001	DAUSA	BANDIKUI	Baswa1	Piezometer	1.00	125.40	297	76.58	27.16	49.2	46.25	46.9	47.11
409	W270550076471201	DAUSA	BANDIKUI	Sodan Ka Bas	Piezometer	1.00	67.00	253	76.79	27.1	40.9	36.95	37.2	37.62
410	W265830076173001	DAUSA	DAUSA	BAPI	Dug well	0.78	20.00	319	76.29	26.98	13.02	7.44	7.57	9.24
411	W265850076170001	DAUSA	DAUSA	BAPI_Pz	Piezometer	1.00	91.50	324	76.28	26.98	13.8	8.1	9.25	12
412	W265800076200001	DAUSA	DAUSA	Jasuta	Dug well	1.05	18.00	311	76.33	26.97	14.05	10.44	11.2	10.38
413	W265900076224801	DAUSA	DAUSA	Kalipahari	Piezometer	1.00	60.00	313	76.38	26.98	30.5	27.79	29.1	29.72
414	W265739076172401	DAUSA	DAUSA	Khuri	Piezometer	0.00	78.00	324	76.29	26.96	28.3	23.8	25.5	25.7
415	W263112076152201	DAUSA	LALSOT	Lakhanpur	Dug well	0.00	10.90	284	76.26	26.52	7.97	4.59	5.1	4.52
416	W264854076171701	DAUSA	LAWAN	Baniyana	Piezometer	0.00	74.00	331	76.29	26.82	13	9.23	9.8	9.99
417	W264331076270701	DAUSA	LAWAN	SAR_Pz	Piezometer	0.50	200.00	326	76.45	26.73	24.85	0	0	0
418	W265830076572001	DAUSA	MAHWA	Ghazipur-Pz	Piezometer	1.00	81.40	233	76.96	26.98	16.6	13.3	15.2	15.51
419	W265400077020002	DAUSA	MAHWA	Higetawari Dhani	Dug well	0.20	22.00	224	77.03	26.9	16.2	13.36	12.7	12.96
420	W265500077010001	DAUSA	MAHWA	Talchidi	Piezometer	1.00	56.00	229	77.02	26.92	22.5	16.12	18.05	15.05
421	W264826076331701	DAUSA	SIKRAI	Bairaonda	Piezometer	0.00	87.00	333	76.55	26.81	20.2	16.29	19	18.76
422	W265700076440001	DAUSA	SIKRAI	LANGRA BALAJI	Piezometer	1.00	75.00	262	76.73	26.95	56.1	53.2	55.7	55.92
423	W263917077362101	DHAULPUR	BARI	Bari_Pz	Piezometer	1.00	60.00	216	77.61	26.65	16.1	12.24	23.15	14.32
424	W263758077412601	DHAULPUR	BARI	Chhavri Ka Pura	Piezometer	1.00	60.00	224	77.69	26.63	12.6	6.1	6.7	7.14
425	W263443077412601	DHAULPUR	BARI	GAJPURA	Dug well	1.00	14.00	281	77.69	26.58	6.57	1.72	3.77	1.4
426	W263618077282301	DHAULPUR	BASERI	ANGAI	Dug well	1.03	21.24	232	77.47	26.6	10.87	5.92	7.27	5.75
427	W264900077411002	DHAULPUR	BASERI	Lebudapura	Piezometer	1.00	15.00	185	77.69	26.82	3.3	2.3	3	5.1
428	W263120077231501	DHAULPUR	BASERI	NAKATPURA	Dug well	0.45	11.45	262	77.39	26.52	14.15	0.85	2.95	0.66
429	W264518077355001	DHAULPUR	BASERI	SALEMPUR	Piezometer	1.00	28.50	191	77.6	26.75	8.7	7.32	8.2	7.47
430	W263854077480701	DHAULPUR	DHAULPUR	AATHMEEL	Dug well	0.38	20.72	231	77.8	26.65	16.82	7.52	4.87	6.8
431	W265346077550201	DHAULPUR	DHAULPUR	BARETHA KALAN	Piezometer	1.00	82.66	162	77.92	26.9	29.1	20.65	22.4	22.55
432	W264200077533001	DHAULPUR	DHAULPUR	Dhaulpur	Dug well	0.40	21.02	238	77.89	26.7	13.8	0	13.5	13.24
433	W264126077532801	DHAULPUR	DHAULPUR	Dhaulpur1	Piezometer	0.00	31.22	238	77.89	26.69	5	10.75	11.15	11.29
434	W264900077573001	DHAULPUR	DHAULPUR	Mangraul	Dug well	0.00	38.00	166	77.96	26.82	37.4	35.9	35.9	36

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
435	W265606078081501	DHAULPUR	RAJAKHERA	SIKRONDA	Piezometer	1.00	122.72	162	78.14	26.93	37.2	23.65	34.05	27.29
436	W265130077430001	DHAULPUR	SAIPU	KANTHRI	Dug well	0.60	8.00	181	77.72	26.86	5.25	4.55	4.68	4.35
437	W264505077484001	DHAULPUR	SAIPU	Karimpur	Piezometer	0.00	55.00	177	77.81	26.75	28.5	16.9	21.2	21.49
438	W264918077444701	DHAULPUR	SAIPU	Saipau	Dug well	0.50	20.00	179	77.75	26.82	13.5	12.4	13.3	12.47
439	W235700074050001	DUNGARPUR	ASPUR	Aspur	Piezometer	1.00	150.00	202	74.08	23.95	13.44	5.65	8.22	9.42
440	W235730074044501	DUNGARPUR	ASPUR	ASPUR1	Dug well	0.00	13.00	206	74.08	23.96	4.65	0	0.6	1.6
441	W235421074041501	DUNGARPUR	ASPUR	BARODA	Dug well	0.74	10.06	193	74.07	23.91	2.44	1.66	0.36	0.37
442	W263628075302601	DUNGARPUR	ASPUR	Chakwara Pz	Piezometer	0.90	70.00	324	74.07	23.91	0	5.28	6.4	7
443	W264003072062401	DUNGARPUR	ASPUR	KALAU	Piezometer	0.50	200.00	248	73.97	23.92	0	139.5	0	0
444	W264415073321502	DUNGARPUR	ASPUR	Kumara	Piezometer	0.50	80.00	310	74.08	23.95	0	48.5	0	50
445	W235530073580001	DUNGARPUR	ASPUR	Ramgarh2	Dug well	1.00	20.00	243	73.97	23.92	8.77	3.9	2.4	6.63
446	W234900073340001	DUNGARPUR	BICHHIWARA	KANABA	Dug well	0.50	11.20	321	73.57	23.82	10.61	0.4	1.1	0
447	W255110073283001	DUNGARPUR	BICHHIWARA	KANAWAS	Dug well	0.00	20.00	237	73.45	23.76	0	4.3	5.1	7.3
448	W235030073342701	DUNGARPUR	BICHHIWARA	NAVAL SHYAM	Piezometer	0.66	120.40	339	73.57	23.84	14	0.06	1.44	4.72
449	W235000073410001	DUNGARPUR	BICHHIWARA	NAYADERA	Dug well	0.67	15.00	286	73.68	23.83	11.07	1.53	1.73	5.08
450	W260900074010601	DUNGARPUR	BICHHIWARA	NIMAJ	Dug well	1.30	39.00	284	73.68	23.83	0	31.6	32.8	37.4
451	W261258072373401	DUNGARPUR	BICHHIWARA	PARALIA DHAMAT	Piezometer	0.50	200.00	166	73.57	23.84	0	12.4	12.2	11
452	W260515076214001	DUNGARPUR	BICHHIWARA	SURWAL	Dug well	0.00	15.00	246	73.57	23.82	0	5.78	3.77	4.27
453	W240200074583901	DUNGARPUR	CHEEKHLI	RAJPURIA	Dug well	0.52	13.18	447	73.91	23.47	0	4.48	4.88	4.9
454	W234514073505201	DUNGARPUR	DOVRA	Anteree	Dug well	0.43	5.71	314	73.85	23.75	4.37	0.92	2.47	2.97
455	W235319073540301	DUNGARPUR	DOVRA	HATHAI	Dug well	0.77	9.20	255	73.9	23.89	6.61	0.73	1.63	1.13
456	W263021075362401	DUNGARPUR	DOVRA	Parun	Dug well	0.30	16.00	303	73.9	23.89	0	6.98	2.55	3.3
457	W254518071050001	DUNGARPUR	DOVRA	SIHANI	Dug well	1.05	25.41	280	73.85	23.75	0	23.45	23.9	14.45
458	W261919072570701	DUNGARPUR	DUNGARPUR	CAZRI(Barali)	Piezometer	1.00	206.15	282	73.78	23.85	0	22.7	19.15	19.25
459	W235000073431501	DUNGARPUR	DUNGARPUR	Dungarpur1	Dug well	1.05	16.01	371	73.72	23.83	10.33	6.85	3.95	2.4
460	W261100075343001	DUNGARPUR	DUNGARPUR	HAMIRPUR	Dug well	0.37	15.00	287	73.72	23.83	0	0.74	2.03	2.53
461	W233400073580002	DUNGARPUR	GALIAKOT	Chitri	Piezometer	1.00	86.70	354	73.97	23.57	10.1	0	0	3.95
462	W241944075574401	DUNGARPUR	GALIAKOT	JASWANTPURA1	Dug well	1.00	20.00	355	74.02	23.51	0	0.05	6.05	7.1
463	W233019074005701	DUNGARPUR	GALIAKOT	Ubil	Piezometer	1.00	70.00	141.846	74.02	23.51	20.6	11.7	11.95	11.65
464	W253230075594501	DUNGARPUR	JHONTHRI	GAINDOLI	Dug well	1.00	10.72	231	73.72	23.69	0	0.15	0.9	1.15
465	W262938075434801	DUNGARPUR	SABLA	Didwata	Dug well	0.90	20.00	300	74.18	23.86	0	13.85	13.6	13.85
466	W235100074041201	DUNGARPUR	SABLA	KABJA	Piezometer	1.00	92.10	169	74.07	23.85	3.76	1.05	1.4	2.05
467	W261930072143701	DUNGARPUR	SABLA	Rajwas	Piezometer	1.00	142.00	220	74.07	23.85	0	14.07	13.4	14.1
468	W235120074104801	DUNGARPUR	SABLA	SABLA	Dug well	0.89	11.51	193	74.18	23.86	5.92	0.31	1.61	2.39
469	W233712074050001	DUNGARPUR	SAGWARA	BHILURA	Dug well	1.52	11.48	132	74.08	23.62	8.41	0	2.68	2.88
470	W253820075065501	DUNGARPUR	SAGWARA	Bhopalpur1	Dug well	0.40	14.00	346	74.04	23.72	0	5.8	1.15	3.5
471	W254400072310001	DUNGARPUR	SAGWARA	DEVRA	Dug well	1.30	33.70	151	74.03	23.75	0	25.4	25.9	0
472	W234100073573001	DUNGARPUR	SAGWARA	NANDOR	Dug well	0.50	11.50	181	73.96	23.68	11.06	0	1.5	2.4
473	W234257074023001	DUNGARPUR	SAGWARA	NAYAGAON1	Dug well	0.45	9.90	197	74.04	23.72	5.25	2.3	2.9	4.21
474	W234500074014101	DUNGARPUR	SAGWARA	Sagwara	Dug well	1.00	150.00	185	74.03	23.75	9.66	3.98	5.3	4.9
475	W243527073393101	DUNGARPUR	SIMALWARA	Sisarma	Dug well	2.80	19.90	646	73.76	23.53	0	6.1	2.63	5.73
476	W291126073130801	GANGANAGAR	ANUPGARH	ANUPGARH1	Dug well	1.95	28.30	151	73.22	29.19	14.67	20.95	14.88	15.63
477	W291830073134501	GANGANAGAR	ANUPGARH	BANDA COLONY	Piezometer	0.82	100.00	158	73.23	29.31	9.81	9.34	9.74	9.56
478	W290500073220001	GANGANAGAR	ANUPGARH	KHAL	Dug well	1.20	33.00	155	73.37	29.08	8.83	4.17	8.16	8.24
479	W291000073223001	GANGANAGAR	ANUPGARH	RAMSINGHPURA	Dug well	0.41	30.89	157	73.38	29.17	14.79	14.79	14.91	14.72
480	W294930073434501	GANGANAGAR	GANGANAGAR	CHUNAWAD	Dug well	1.23	47.77	172	73.73	29.83	11.77	9.87	9.66	9.75
481	W294830073440001	GANGANAGAR	GANGANAGAR	TATARSAR	Dug well	0.84	50.76	169	73.73	29.81	12.36	12.36	28.02	27.91
482	W284800073040001	GANGANAGAR	GHADSANA	ROJARI	Dug well	1.00	34.17	156	73.07	28.8	8.75	7.67	6.73	0
483	W294900073270001	GANGANAGAR	KARANPUR	KARANPUR1	Dug well	0.45	20.12	166	73.45	29.82	4.75	0	4.92	4.72
484	W294745073264501	GANGANAGAR	KARANPUR	RUPANAGAR	Dug well	1.15	13.45	166	73.45	29.8	5.01	4.9	4.97	4.88
485	W300146073395501	GANGANAGAR	KARANPUR	Sunderpura_Pz	Piezometer	0.00	50.00	170.877	73.67	30.03	6.73	6.71	6.8	8
486	W293800073460001	GANGANAGAR	PADAMPUR	BINBALIA	Dug well	1.00	27.75	172	73.77	29.63	14.3	14.3	14.22	14.9
487	W294330073354501	GANGANAGAR	PADAMPUR	DELWAN	Dug well	1.35	24.15	166	73.6	29.73	10.17	10.17	9.73	9.65
488	W293545073370001	GANGANAGAR	PADAMPUR	GANGUWALA	Dug well	0.90	31.10	167	73.62	29.6	11.28	11.28	11.42	11.28
489	W294058073513001	GANGANAGAR	PADAMPUR	Narsinghpur	Dug well	1.50	28.30	176	73.86	29.68	17.02	16.92	16.92	17.03
490	W292930073374501	GANGANAGAR	RAISINGHNAGAR	DABLA	Dug well	1.53	31.47	168	73.63	29.49	10.7	10.53	10.65	10.3
491	W293800073270001	GANGANAGAR	RAISINGHNAGAR	GAJISINGHPURA	Dug well	0.88	21.12	164	73.45	29.63	7.56	8.22	8.16	8.04
492	W293045073370001	GANGANAGAR	RAISINGHNAGAR	JAGATSLINGHWALA	Dug well	2.07	47.93	165	73.62	29.51	10.17	9.83	9.91	10.23
493	W293115073350001	GANGANAGAR	RAISINGHNAGAR	MUKLAWA	Dug well	2.02	42.98	166	73.58	29.52	10.33	10.08	10.15	10.24
494	W293230073270001	GANGANAGAR	RAISINGHNAGAR	RAISINGHNAGAR	Dug well	0.47	32.10	166	73.45	29.54	10.55	10.49	9.94	9.85
495	W294445073540001	GANGANAGAR	SADULSHAHAR	GANESHGARH	Dug well	1.48	53.52	176	73.9	29.75	15.75	15.75	15.94	16.09
496	W295030074012001	GANGANAGAR	SADULSHAHAR	LALGARH JATAN	Dug well	1.80	30.20	178	74.02	29.84	18.32	19.05	18.36	18.54

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
497	W294755074052201	GANGANAGAR	SADULSHAHAR	Sunderpura_DW	Dug well	0.00	45.00	178.939	74.09	29.8	24.56	23.9	24.5	24.36
498	W294145073550001	GANGANAGAR	SADULSHAHAR	SURANWALI	Dug well	2.10	37.30	173	73.92	29.7	16.72	16.45	16.63	16.48
499	W290200073260001	GANGANAGAR	SRI VIJAYNAGAR	GOMANWALI	Dug well	1.60	23.40	169	73.43	29.03	7	6.75	6.5	6.27
500	W292010073411501	GANGANAGAR	SRI VIJAYNAGAR	Jaitsar	Piezometer	1.00	84.00	162	73.69	29.34	6.72	6.92	7.18	7.23
501	W292115073380001	GANGANAGAR	SRI VIJAYNAGAR	JAITSAR	Dug well	0.70	38.30	167	73.63	29.35	7.12	7.2	7.32	7.39
502	W290200073361801	GANGANAGAR	SURATGARH	BHOPALPURA	Dug well	1.75	36.25	174	73.61	29.03	2.77	2.15	2.72	2.81
503	W290700073551001	GANGANAGAR	SURATGARH	Birdhwal1	Dug well	1.20	50.85	192	73.92	29.12	39.62	39.62	39.55	39.38
504	W290745073471501	GANGANAGAR	SURATGARH	HARISINGHPURA	Dug well	1.65	47.35	183	73.79	29.13	18.01	18	18.28	18.35
505	W290600073430001	GANGANAGAR	SURATGARH	LALGARIYA	Dug well	0.35	48.75	179	73.72	29.1	24.5	23.6	24.15	24.22
506	W291630073463001	GANGANAGAR	SURATGARH	PADAMPURA	Dug well	1.69	34.31	181	73.78	29.27	1.43	1.2	1.4	1.24
507	W290300073511501	GANGANAGAR	SURATGARH	PIPASAR	Dug well	0.92	58.28	197	73.85	29.05	39.28	38.38	39.08	39.2
508	W291454073540001	GANGANAGAR	SURATGARH	PIPERAN	Dug well	1.65	40.15	187	73.9	29.25	6.85	7.1	7.25	7.11
509	W291100073570001	GANGANAGAR	SURATGARH	RAYANWALI	Dug well	1.99	53.51	187	73.95	29.18	18.13	17.51	18.25	18.34
510	W291106073570301	GANGANAGAR	SURATGARH	Rayanwali Deep	Piezometer	1.00	170.00	186	73.95	29.18	16.56	18.02	17.04	17.72
511	W291106073570302	GANGANAGAR	SURATGARH	Rayanwali Shallow	Piezometer	1.00	170.00	186	73.95	29.18	7.15	6.9	16.62	17.14
512	W291100075193001	HANUMANGARH	BHADRA	CHHANI BARI	Dug well	1.35	19.95	202	75.32	29.18	14.23	14.11	13.92	10.23
513	W290050075055001	HANUMANGARH	BHADRA	DUNGRANA	Dug well	0.00	40.00	204	75.1	29.01	11.47	11.13	11.75	11.56
514	W285815075020001	HANUMANGARH	BHADRA	MALSISAR	Dug well	1.50	19.00	202	75.03	28.97	13.82	13.15	13.52	13.39
515	W290600075020001	HANUMANGARH	BHADRA	MUNSARI	Dug well	0.92	29.08	204	75.03	29.1	14.42	13.7	14.34	14.46
516	W294150074174001	HANUMANGARH	HANUMANGARH	Chak Sampatnagar2	Piezometer	1.00	198.90	186	74.29	29.7	23.63	23.87	24.07	23.83
517	W292245074161501	HANUMANGARH	HANUMANGARH	CHOHLINYAWALI	Dug well	0.50	45.44	182	74.27	29.38	1.72	1.62	1.16	1.02
518	W294530074160001	HANUMANGARH	HANUMANGARH	DHOLIPAL	Dug well	2.17	52.83	183	74.27	29.76	22.05	23.86	22.48	22.56
519	W293700074170001	HANUMANGARH	HANUMANGARH	Hanumangarh Rau	Piezometer	1.00	186.70	181	74.28	29.62	22.68	22.68	22.56	22.72
520	W293340074200001	HANUMANGARH	HANUMANGARH	KOHLA	Dug well	1.15	33.85	184	74.33	29.56	20.53	21.15	21.04	20.85
521	W294100074094501	HANUMANGARH	HANUMANGARH	PAKKASARNA	Dug well	2.16	49.34	181	74.16	29.68	27.46	22.71	28.04	28.36
522	W294100074060001	HANUMANGARH	HANUMANGARH	Pale Wali Dhani	Piezometer	0.70	100.00	178	74.1	29.68	24.65	28.19	25	25.18
523	W293730074190001	HANUMANGARH	HANUMANGARH	SATIPURA	Dug well	2.20	33.29	186	74.32	29.63	26.33	26.33	27.14	27.42
524	W291400074450002	HANUMANGARH	NOHAR	BHUKARKA	Dug well	0.50	34.00	190	74.75	29.23	14.03	16.78	15.77	15.84
525	W290200074440001	HANUMANGARH	NOHAR	LAKHASAR2	Dug well	1.65	33.35	204	74.73	29.03	15.35	15.21	15.47	15.67
526	W291650074460001	HANUMANGARH	NOHAR	NOHAR1	Dug well	1.80	26.67	198	74.77	29.28	14.83	15.28	15.02	14.83
527	W291500074500001	HANUMANGARH	NOHAR	RAMSARA1	Dug well	0.50	24.50	197	74.83	29.25	18.24	18.05	18.45	18.58
528	W293800074033601	HANUMANGARH	PILIBANGA	GOLUWALA	Piezometer	0.95	198.00	178	74.06	29.63	25.8	26.5	25.84	25.82
529	W293800074033602	HANUMANGARH	PILIBANGA	Goluwala	Dug well	1.30	30.70	178	74.06	29.63	26.32	27	26.28	26.04
530	W292830074073701	HANUMANGARH	PILIBANGA	Kalibanga-Pz	Piezometer	1.42	201.00	175	74.13	29.48	25.38	26.48	24.71	24.6
531	W293345073581501	HANUMANGARH	PILIBANGA	LAKHASAR1	Dug well	1.60	48.60	181	73.97	29.56	21.2	20.48	19.7	20.52
532	W292445074120001	HANUMANGARH	PILIBANGA	PANDITAWALI	Dug well	1.84	45.01	180	74.2	29.41	8.89	10.33	8.5	8.64
533	W292503073541501	HANUMANGARH	PILIBANGA	Rampura	Piezometer	0.75	25.00	174	73.9	29.42	9.53	10.65	10.71	10.59
534	W291700074101501	HANUMANGARH	PILIBANGA	SARDARPURA	Dug well	2.50	37.15	192	74.17	29.28	6.03	5.65	8.35	14.9
535	W292800073560001	HANUMANGARH	PILIBANGA	SURATGARH	Piezometer	0.50	90.11	176	73.93	29.47	8.13	8.11	8.32	8.08
536	W290430074180001	HANUMANGARH	RAWATSAR	BIRAMSAR	Dug well	1.30	48.20	180	74.3	29.08	23.95	22.8	23.89	23.72
537	W285200074164001	HANUMANGARH	RAWATSAR	BISRASAR	Dug well	1.75	50.15	200	74.28	28.87	44.45	35.25	43.88	44.45
538	W291100074203001	HANUMANGARH	RAWATSAR	DHANASAR	Dug well	1.70	38.30	183	74.34	29.18	8.9	8.65	8.96	8.74
539	W285430074080001	HANUMANGARH	RAWATSAR	DUDHAL	Dug well	1.35	50.70	199	74.13	28.91	48.45	48.8	48.92	45.79
540	W291300074320001	HANUMANGARH	RAWATSAR	GANDEHALI	Dug well	0.90	28.38	189	74.53	29.22	4.22	3.65	4.17	4.22
541	W285830074173001	HANUMANGARH	RAWATSAR	LAKHERAN	Dug well	1.00	57.22	191	74.29	28.98	36.9	35.86	36.6	35.42
542	W285500074120001	HANUMANGARH	RAWATSAR	PALLU	Dug well	0.90	47.50	192	74.2	28.92	42.7	43.46	43.6	43.73
543	W290200074170001	HANUMANGARH	RAWATSAR	PURABSAR	Dug well	1.60	62.35	190	74.28	29.03	31.3	30.88	33.92	30.54
544	W291510074245001	HANUMANGARH	RAWATSAR	RAWATSAR	Dug well	1.40	28.78	187	74.41	29.25	2.03	2.11	2.4	2.72
545	W291518074243501	HANUMANGARH	RAWATSAR	Rawatsar Deep	Piezometer	1.00	127.00	179	74.41	29.25	7.15	7.05	7.03	7.16
546	W291518074243502	HANUMANGARH	RAWATSAR	Rawatsar Shallow	Piezometer	1.00	19.00	179	74.41	29.25	6.88	6.92	7	7.04
547	W295230074280002	HANUMANGARH	SANGARIYA	Bhagatpura-Pz	Piezometer	1.00	200.00	190	74.47	29.88	12.8	12.9	12.94	12.86
548	W295015074243501	HANUMANGARH	SANGARIYA	BOLANWALI	Dug well	0.80	19.00	189	74.41	29.84	15.2	14.95	14.95	15.06
549	W295045074143001	HANUMANGARH	SANGARIYA	KHERUWALA	Dug well	1.07	54.93	182	74.24	29.85	21.78	21.23	2.03	2.11
550	W295100074270001	HANUMANGARH	SANGARIYA	RATANPURA	Dug well	1.60	50.97	188	74.45	29.85	0.52	0.5	0.3	0.4
551	W292132074355501	HANUMANGARH	TIBI	CHRISTIAN	Piezometer	0.50	200.00	189	74.6	29.36	32.1	34.15	33.95	34.12
552	W294200074291501	HANUMANGARH	TIBI	SALEWALI	Dug well	1.50	25.51	188	74.49	29.7	11.3	11.25	6.68	6.9
553	W265900075520001	JAIPUR	AMBER	AMBER	Dug well	1.10	13.75	396	75.87	26.98	12.25	12.25	9.6	11.07
554	W270038075453001	JAIPUR	AMBER	Harmara	Piezometer	0.30	125.00	471	75.76	27.01	86.3	81.45	84.98	82.84
555	W270300075450002	JAIPUR	AMBER	N.PUROHITAN	Piezometer	1.00	81.00	469	75.75	27.05	53.15	49.9	53.3	54.2
556	W265000076034701	JAIPUR	BASSI	BASSI2	Piezometer	0.95	56.60	362	76.06	26.83	46.81	0	45.15	0
557	W264422076032501	JAIPUR	BASSI	Deogaon	Piezometer	1.00	105.00	378	76.06	26.74	48.14	45.63	46.05	47.71
558	W264551075590501	JAIPUR	BASSI	Gangarampur	Piezometer	0.25	108.00	346	75.98	26.76	52.6	49.1	49.65	51.85

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
559	W265232076123001	JAIPUR	BASSI	Jatwara Pz	Piezometer	1.00	53.00	330	76.21	26.88	28.4	24.09	27.5	26.17
560	W264511076095701	JAIPUR	BASSI	Madhogarh	Piezometer	1.30	102.00	330	76.17	26.75	36.9	32.25	34.85	35.44
561	W264653075595201	JAIPUR	BASSI	Maharajpura	Piezometer	0.15	108.00	348	76	26.78	50.95	48.75	49.1	50.88
562	W265647076110501	JAIPUR	BASSI	Padasoli	Piezometer	0.90	70.00	341	76.18	26.95	32.5	29.21	31.25	31.3
563	W264649076103201	JAIPUR	BASSI	Rojwari	Piezometer	0.65	110.00	329	76.18	26.78	56.01	52.24	53	53.73
564	W263600075570001	JAIPUR	CHAKSU	CHAKSU	Dug well	0.75	18.55	303	75.95	26.6	17.05	11.35	11.95	14
565	W264249075532501	JAIPUR	CHAKSU	SHIVDASPURA	Dug well	0.40	27.18	334	75.89	26.71	24.4	16.2	17.03	18.4
566	W263645075512601	JAIPUR	CHAKSU	THALLI	Dug well	0.15	15.85	323	75.86	26.61	13.8	4.05	4.05	6.15
567	W265143075214601	JAIPUR	DUDU	Bandh Ke Balaji	Piezometer	1.20	90.00	337	75.36	26.86	39.9	36.05	39.5	39.93
568	W263145075074401	JAIPUR	DUDU	Dhandoli	Piezometer	0.50	200.00	360	75.13	26.53	5.9	4.65	0	2
569	W264701075245001	JAIPUR	DUDU	Gadota	Piezometer	1.00	92.00	346	75.41	26.78	10.8	8.7	7.96	9.17
570	W263636075164001	JAIPUR	DUDU	MANGARWARA	Dug well	0.92	16.17	328	75.28	26.61	3.68	2.98	0	2.65
571	W264838075284301	JAIPUR	DUDU	Mehla Pz	Piezometer	0.75	93.00	343	75.48	26.81	22.9	19.55	22.18	22.25
572	W264735075111701	JAIPUR	DUDU	Naraina	Dug well	0.60	21.50	375	75.19	26.79	8.4	7.55	7.38	5.55
573	W264800075263601	JAIPUR	DUDU	NASNOTA	Dug well	0.87	17.00	338	75.44	26.8	7.08	6.78	6.1	5.28
574	W264410075193001	JAIPUR	DUDU	PALLUKHURD	Dug well	0.75	19.25	354	75.32	26.74	11.05	10.4	8.63	9.05
575	W265230075141702	JAIPUR	DUDU	Phulera	Piezometer	1.00	108.00	387	75.24	26.88	6	5.8	4.8	4.94
576	W271404075345701	JAIPUR	GOVINDGARH	Alisar	Piezometer	0.80	116.00	447	75.58	27.23	58.05	55.86	55.06	55.3
577	W271615075303201	JAIPUR	GOVINDGARH	Astikalan	Piezometer	0.30	96.00	449	75.51	27.27	69.8	71.68	70.89	72.35
578	W271810075370001	JAIPUR	GOVINDGARH	DHODSAR	Piezometer	1.00	79.00	466	75.62	27.3	55.05	53	54.23	55.84
579	W271332075314701	JAIPUR	GOVINDGARH	Hastera1	Piezometer	1.00	60.00	436	75.53	27.23	31	26.9	27.15	32.7
580	W271110075381601	JAIPUR	GOVINDGARH	Kaladera2	Piezometer	1.00	70.00	463	75.64	27.19	56.2	51.8	54.77	57
581	W271102075341801	JAIPUR	GOVINDGARH	Kanarpura	Piezometer	1.00	94.00	430	75.57	27.18	50.15	52.49	51.38	51.6
582	W272000075425001	JAIPUR	GOVINDGARH	Khejroli-Pz	Piezometer	1.00	87.60	486	75.71	27.33	79.15	75.7	77.12	79.8
583	W271744075310001	JAIPUR	GOVINDGARH	Kishan Manpura	Piezometer	1.00	96.00	437	75.52	27.3	70.6	0	0	0
584	W271632075435501	JAIPUR	GOVINDGARH	Niwana	Piezometer	0.60	95.00	485	75.73	27.28	57	61.64	61.38	61.55
585	W271731075464001	JAIPUR	GOVINDGARH	TIGARIA	Piezometer	1.00	90.00	490	75.78	27.29	59.8	55.6	57.36	66.9
586	W270533075451301	JAIPUR	JALSOO	Rajarpura	Piezometer	0.40	88.00	452	75.75	27.09	50.25	45.55	46.41	58.6
587	W271100076040001	JAIPUR	JAMWA RAMGARH	DATAL GURJAN	Piezometer	1.00	57.00	429	76.07	27.18	50.95	0	31.55	32.9
588	W270104076004301	JAIPUR	JAMWA RAMGARH	Jamwa Ramgarh	Piezometer	1.00	87.00	401	76.01	27.02	49.42	47.7	48.25	49.91
589	W265957076070001	JAIPUR	JAMWA RAMGARH	Kharana	Piezometer	1.00	84.00	351	76.12	27	46.7	43.13	43.95	46.85
590	W270010075583001	JAIPUR	JAMWA RAMGARH	MALAWALA	Piezometer	0.90	56.00	392	75.97	27	62.65	51.6	53.25	53.31
591	W265508075584101	JAIPUR	JAMWA RAMGARH	Naila	Piezometer	0.40	116.00	376	75.98	26.92	64.3	58.5	59.3	59.59
592	W265743076004901	JAIPUR	JAMWA RAMGARH	Papar	Piezometer	0.84	103.00	409	76.01	26.96	43.7	39.03	39.76	45.6
593	W270851076065501	JAIPUR	JAMWA RAMGARH	Raiser	Piezometer	1.10	105.00	397	76.12	27.15	39.7	36.54	36.95	37.13
594	W270619076052801	JAIPUR	JAMWA RAMGARH	Samred Kalan	Piezometer	1.00	88.00	413	76.09	27.11	45.67	42.77	43.8	45.07
595	W265506075385501	JAIPUR	JHOTWARA	Bindayaka	Piezometer	1.00	112.00	408	75.65	26.92	48.18	46.78	47.45	46.4
596	W265230075485501	JAIPUR	JHOTWARA	CGWB Campus Jaipur	Piezometer	1.00	71.20	444	75.82	26.88	55.82	52.05	53.43	0
597	W265317075430101	JAIPUR	JHOTWARA	Heerapura	Piezometer	1.00	106.00	421	75.72	26.89	75.85	70.1	76.7	76.18
598	W265641075525001	JAIPUR	JHOTWARA	Jaisingpur Khor	Piezometer	0.50	200.00	344	75.88	26.94	56.6	53.3	37.16	36.93
599	W265636075444001	JAIPUR	JHOTWARA	JHOTWARA1	Piezometer	0.60	85.04	442	75.74	26.94	70.6	67.5	70.98	71.05
600	W265830075360001	JAIPUR	JHOTWARA	KALWAD	Piezometer	0.90	100.00	401	75.6	26.98	47.3	44.3	45.11	48.5
601	W265914075315101	JAIPUR	JHOTWARA	Lalpura	Piezometer	1.00	120.00	411	75.53	26.99	84.3	80.15	79.33	84.6
602	W265600075464501	JAIPUR	JHOTWARA	MES JAIPUR	Piezometer	1.00	67.80	439	75.78	26.93	34.9	31.8	39.76	34.53
603	W274125076084101	JAIPUR	KOTPUTLI	Kansli	Piezometer	1.10	80.00	361	76.14	27.69	47.8	45.8	49.3	48.93
604	W274732076143101	JAIPUR	KOTPUTLI	Paniyala	Piezometer	1.10	90.00	334	76.24	27.79	41	42.4	43.05	45.2
605	W274320076072701	JAIPUR	KOTPUTLI	Sarundh	Piezometer	1.00	87.00	363	76.12	27.72	65.23	65.2	63.2	64.05
606	W274207076094801	JAIPUR	KOTPUTLI	Sunderpura	Piezometer	1.10	69.00	357	76.16	27.7	41	44.05	46.4	45.15
607	W273809076071901	JAIPUR	PAOTA	Raghunathpura_Pz	Piezometer	1.00	68.57	376	76.12	27.64	56.8	56.8	56.6	56.96
608	W273549076113201	JAIPUR	PAOTA	Rajnota	Piezometer	1.10	96.00	358	76.19	27.6	36.35	36.85	28.3	37.2
609	W263348075414101	JAIPUR	PHAGI	Bhankrota	Piezometer	0.70	80.00	400	75.69	26.56	73.3	70.95	61.1	64.5
610	W263720075364901	JAIPUR	PHAGI	Bhojpura	Dug well	1.00	13.20	308	75.61	26.62	7.1	9.3	4.15	4.9
611	W263620075304501	JAIPUR	PHAGI	Chakwara	Dug well	0.50	18.00	324	75.51	26.61	16.7	7.65	8	11.7
612	W263022075393601	JAIPUR	PHAGI	Chandama	Dug well	0.85	17.50	305	75.66	26.51	10.45	4.75	4.05	4.25
613	W263028075394601	JAIPUR	PHAGI	Chandama Kallan	Piezometer	0.85	73.00	305	75.66	26.51	8.45	6.53	2.2	2.4
614	W263817075420701	JAIPUR	PHAGI	Chittora	Dug well	0.55	32.00	323	75.7	26.64	25.15	18.05	17.65	15.45
615	W263827075415601	JAIPUR	PHAGI	Chittora Pz	Piezometer	0.75	76.00	323	75.7	26.64	10.8	5.95	5.8	7.55
616	W263533075270001	JAIPUR	PHAGI	Choru	Dug well	0.80	24.00	328	75.45	26.59	22.7	7.2	8.8	10.2
617	W263547075270001	JAIPUR	PHAGI	Choru Pz	Piezometer	0.95	70.00	328	75.45	26.6	25.75	13.15	12.8	14.05
618	W263402075451501	JAIPUR	PHAGI	DAWACH	Dug well	0.20	16.00	299	75.75	26.57	16.3	14.05	9.78	10.6
619	W263400075460001	JAIPUR	PHAGI	DAWACH1	Piezometer	1.00	150.00	293	75.77	26.57	11.45	10.2	9.45	9.6
620	W262948075441801	JAIPUR	PHAGI	Didwata Pz	Piezometer	1.20	70.00	300	75.74	26.5	19.05	16.32	16	17

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
621	W263023075231701	JAIPUR	PHAGI	Ghatyali Pz	Piezometer	1.20	63.00	325	75.39	26.51	12.5	3.3	3.05	4.1
622	W264339075301601	JAIPUR	PHAGI	Kansel	Piezometer	1.20	72.00	324	75.5	26.73	6.15	3.53	5.6	5.8
623	W263905075351101	JAIPUR	PHAGI	Ladana	Dug well	0.20	18.00	310	75.59	26.65	16.7	7.9	8	4.85
624	W263853075351601	JAIPUR	PHAGI	Ladana Pz	Piezometer	1.10	70.00	310	75.59	26.65	14.35	7.6	6.95	8.1
625	W263438075392101	JAIPUR	PHAGI	Madhorajpur	Dug well	0.50	30.00	304	75.66	26.58	17	5.3	5.5	14.5
626	W264145075410001	JAIPUR	PHAGI	Majhi Renwal	Dug well	1.30	35.00	331	75.68	26.7	26.8	22.1	22.1	29.23
627	W264126075403201	JAIPUR	PHAGI	Majhi Renwal Pz	Piezometer	1.15	72.00	330	75.68	26.69	26.75	22.5	21.93	23.05
628	W263347075351301	JAIPUR	PHAGI	Mohanpura (Ranwa)	Piezometer	1.00	70.00	316	75.59	26.56	12.9	8.6	8.45	8.9
629	W263014075304901	JAIPUR	PHAGI	Nemeda	Dug well	1.00	25.00	307	75.51	26.5	23.5	0.5	2.3	5
630	W263044075310301	JAIPUR	PHAGI	Nemeda Pz	Piezometer	1.10	76.00	301	75.52	26.51	10.7	8.2	5.95	6.3
631	W263044075360701	JAIPUR	PHAGI	Parun Pz	Piezometer	1.15	80.00	305	75.6	26.51	15.12	8.05	7.41	4.5
632	W263446075340301	JAIPUR	PHAGI	Phagi Pz	Piezometer	1.20	72.00	317	75.57	26.58	9.06	4.18	3.9	5.5
633	W264223075300601	JAIPUR	PHAGI	Tickel	Dug well	0.20	25.00	322	75.5	26.71	19.2	7.15	7.6	7.4
634	W264020075303801	JAIPUR	PHAGI	Tickel Pz	Piezometer	0.90	75.00	329	75.51	26.67	8.5	5.2	5.55	5.8
635	W265844075234101	JAIPUR	SAMBHAR	Jobner	Piezometer	1.00	100.00	398	75.39	26.98	26.7	24.05	23.9	24.2
636	W270314075243301	JAIPUR	SAMBHAR	Kheerwa	Piezometer	1.00	120.00	410	75.41	27.05	56.23	51.8	52.48	56.2
637	W270954075212601	JAIPUR	SAMBHAR	Mohanpur Balaji	Piezometer	1.00	74.00	411	75.36	27.17	60.15	57.75	57.6	58.75
638	W265422075131201	JAIPUR	SAMBHAR	Sambhar	Dug well	0.90	20.00	373	75.22	26.91	11.15	10.65	9.68	10.8
639	W264600075380001	JAIPUR	SANGANER	Barkabalaji	Piezometer	1.10	110.00	352	75.63	26.77	64.55	59.8	62.42	62.7
640	W264445075511801	JAIPUR	SANGANER	Bilwa Pz	Piezometer	1.00	71.50	347	75.86	26.75	18.9	14.05	13.15	13.05
641	W264917075490301	JAIPUR	SANGANER	Budhpura_IMD	Piezometer	1.00	67.00	379	75.82	26.82	48.3	44.15	47.66	46.93
642	W264749075343801	JAIPUR	SANGANER	Chirota	Piezometer	1.00	30.50	352	75.58	26.8	21.14	0	19.01	26.4
643	W265000075340001	JAIPUR	SANGANER	Dahmi Kallan	Piezometer	1.10	90.00	364	75.57	26.83	47.3	43.7	48.1	48.3
644	W265030075472001	JAIPUR	SANGANER	DURGAPURA	Piezometer	1.00	100.00	388	75.79	26.84	60.95	56.45	57.08	57.25
645	W264520075535801	JAIPUR	SANGANER	GONER	Dug well	0.20	30.00	323	75.9	26.76	13.2	9.95	13.27	12.9
646	W265000075520001	JAIPUR	SANGANER	Mahal	Piezometer	1.10	105.00	368	75.87	26.83	56.8	52.5	54.21	55.3
647	W265112075460001	JAIPUR	SANGANER	Mansarovar Cgwb	Piezometer	1.00	100.00	396	75.77	26.85	35.98	34.15	35.89	36.93
648	W265110075460001	JAIPUR	SANGANER	MANSAROVAR GWD	Piezometer	1.00	79.00	396	75.77	26.85	34.6	34.05	34.38	34.18
649	W264358075513101	JAIPUR	SANGANER	Mathurawala	Piezometer	0.00	108.00	381	75.86	26.73	10.9	8.65	0	7.8
650	W264638075425801	JAIPUR	SANGANER	MOHANA	Piezometer	1.00	63.01	366	75.72	26.78	55.7	45.8	44.88	45.74
651	W272231075494301	JAIPUR	SHAHPURA	Amarsar	Piezometer	1.00	120.00	524	75.83	27.38	63.18	62.8	65.6	66
652	W272158075571401	JAIPUR	SHAHPURA	Bidhara	Piezometer	1.00	119.00	447	75.95	27.37	93.5	92.8	91.2	93.18
653	W271347075501301	JAIPUR	SHAHPURA	Dhawali	Piezometer	0.80	91.00	498	75.84	27.23	39.6	45.7	44.5	45.11
654	W271811076021801	JAIPUR	SHAHPURA	Khora Ladhkhani	Piezometer	0.90	87.00	471	76.04	27.3	42.3	44.2	49.7	47
655	W271819075571501	JAIPUR	SHAHPURA	Manohrpura_Pz	Piezometer	0.80	120.00	288.15	75.95	27.31	55.8	53.75	51	54.5
656	W272537076011701	JAIPUR	VIRATNAGAR	Khatolai	Piezometer	0.00	63.00	431.62	76.02	27.43	53.5	53.6	48.9	0
657	W272041076065001	JAIPUR	VIRATNAGAR	Palri	Dug well	0.00	20.00	468.89	76.11	27.34	18.9	19	19.2	14.6
658	W273100071500001	JAISALMER	JAISALMER	AWAI	Dug well	1.10	15.00	153	71.83	27.52	6.36	6.11	10.8	6.4
659	W270200070540002	JAISALMER	JAISALMER	BAISHAKHI	Piezometer	1.00	59.00	162	70.9	27.03	20.8	19.74	23.9	23.75
660	W272900071470001	JAISALMER	JAISALMER	BHADRIAS	Dug well	1.40	18.10	159	71.78	27.48	9.6	9.49	9.9	9.8
661	W274313071585001	JAISALMER	JAISALMER	Bhavanipura Deep	Piezometer	1.00	188.00	153	71.98	27.72	14.3	14.61	13.6	13.6
662	W274312071584601	JAISALMER	JAISALMER	Bhavanipura Shallow	Piezometer	1.00	86.00	153	71.98	27.72	13.4	13.4	14.5	14.5
663	W271113070595002	JAISALMER	JAISALMER	BOA	Dug well	1.05	56.95	156	71	27.19	48.55	48.42	48.65	48.7
664	W273845072073001	JAISALMER	JAISALMER	BORANA	Piezometer	1.00	200.00	168	72.13	27.65	25.98	25.91	31.5	31.35
665	W265800071213002	JAISALMER	JAISALMER	Delasar	Piezometer	1.00	200.00	196	71.36	26.97	71.2	70.35	70.65	71.45
666	W271630070583002	JAISALMER	JAISALMER	Deva Pz	Piezometer	0.00	100.00	145	70.97	27.27	29.07	28.78	28.8	28.95
667	W265415071213001	JAISALMER	JAISALMER	DHAISAR	Dug well	0.95	63.75	217	71.36	26.9	61.35	61.56	61.75	61.85
668	W272708071274701	JAISALMER	JAISALMER	GHANTYALI	Dug well	0.01	71.59	104	71.46	27.45	36.47	36.13	36.19	36.09
669	W270000071031501	JAISALMER	JAISALMER	HAMIRA	Dug well	1.75	48.25	203	71.05	27	42.55	42.36	42.95	42.95
670	W265630070543501	JAISALMER	JAISALMER	JAISALMER	Dug well	0.22	61.68	241	70.91	26.94	34.89	34.86	35.88	35.78
671	W273237071175001	JAISALMER	JAISALMER	Jjw Deep	Piezometer	1.00	200.00	139	71.3	27.54	34	33.76	33.8	33.58
672	W270440070483001	JAISALMER	JAISALMER	LANELA	Piezometer	0.70	204.00	165	70.81	27.08	37.08	37.03	37.1	37.2
673	W265445070500601	JAISALMER	JAISALMER	MOOLSAGAR	Dug well	1.50	20.50	235	70.83	26.91	15.17	15.42	15.5	15.7
674	W265400070503001	JAISALMER	JAISALMER	Moolsagar_Pz	Piezometer	0.92	200.00	258	70.84	26.9	71.38	71.47	71.78	71.78
675	W273100071431501	JAISALMER	JAISALMER	NACHNA	Dug well	1.80	17.20	141	71.72	27.52	9.4	8.45	7.9	8.8
676	W273645072020001	JAISALMER	JAISALMER	NEWEATA	Dug well	1.15	31.13	169	72.03	27.61	21.55	21.4	21.95	22.15
677	W273340071044801	JAISALMER	JAISALMER	Rd135	Piezometer	1.00	198.40	118	71.08	27.56	37.7	37.38	37.3	37.2
678	W265900071140001	JAISALMER	JAISALMER	SANWALA	Dug well	1.25	37.35	188	71.23	26.98	32.85	32.5	32.95	32.95
679	W272512071393201	JAISALMER	JAISALMER	Sataya_DW	Dug well	0.00	22.60	163.48	71.66	27.42	19.45	19.36	19.4	19.35
680	W273457071092501	JAISALMER	JAISALMER	Shastri Nagar	Piezometer	1.00	200.50	115	71.16	27.58	6.55	6.45	11.05	6.5
681	W273300071423001	JAISALMER	JAISALMER	Shekhowala	Piezometer	1.00	186.00	137	71.71	27.55	11.2	10.97	11.05	11.1
682	W270047071270001	JAISALMER	JAISALMER	Sodakar	Piezometer	1.00	241.40	208	71.45	27.01	55	54.54	54.8	54.8

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
683	W272910070185801	JAISALMER	SAM	GAMANNEWALA	Piezometer	0.76	142.50	112	70.32	27.49	65.14	65.09	65.19	65.29
684	W271900070021501	JAISALMER	SAM	GOTARU	Dug well	0.85	69.15	85	70.04	27.32	34.91	34.39	33.75	33.2
685	W273231071085401	JAISALMER	SAM	Jawahar Nagar Deep	Piezometer	1.00	193.00	117	71.15	27.54	27.6	26.68	8.7	8.8
686	W273231071085402	JAISALMER	SAM	Jawahar Nagar Shallow	Piezometer	1.00	62.00	117	71.15	27.54	8.6	8.58	23.9	22.75
687	W274300070193002	JAISALMER	SAM	Khariakua_DW	Dug well	1.00	42.00	108	70.32	27.72	35.25	35.23	35.1	35.1
688	W263600070420001	JAISALMER	SAM	KHURI	Dug well	1.90	16.70	217	70.7	26.6	8.08	8.38	9.9	9.7
689	W270736070303001	JAISALMER	SAM	KHUYIALA	Dug well	0.30	25.00	181	70.51	27.13	22.3	22	23.6	23.7
690	W262900071163001	JAISALMER	SAM	Kodiyasar	Piezometer	1.00	200.00	272	71.28	26.48	107.26	107.02	0	0
691	W270422070332501	JAISALMER	SAM	KUCHERI	Dug well	0.62	106.52	207	70.56	27.07	104.42	104.39	104.28	104.48
692	W263707070291201	JAISALMER	SAM	KURIA	Piezometer	0.90	121.50	122	70.49	26.62	34.65	34.6	34.85	34.6
693	W261500070220002	JAISALMER	SAM	Maizalar	Piezometer	0.95	200.00	112	70.37	26.25	68.9	76.65	74.35	75.65
694	W272914070212301	JAISALMER	SAM	Mayathiwala	Dug well	1.20	70.00	116	70.36	27.49	65.04	64.82	64.9	64.95
695	W274840070245501	JAISALMER	SAM	NATHU KA BERA	Piezometer	1.00	75.00	99	70.42	27.81	31.1	0	31.15	31
696	W262300070281601	JAISALMER	SAM	PHULIA	Dug well	0.80	78.51	111	70.47	26.38	71.68	0	70.61	60.01
697	W262324070281801	JAISALMER	SAM	Phulia1	Piezometer	0.80	200.00	137	70.47	26.39	74.25	78.4	0	73.9
698	W272130070290001	JAISALMER	SAM	Ramgarh Ignp	Piezometer	1.00	300.00	150	70.48	27.36	43.8	43.73	43.6	42.5
699	W272130070300001	JAISALMER	SAM	Ramgarh2	Piezometer	1.00	200.00	148	70.5	27.36	47.2	47.14	47.2	57.45
700	W273536070270001	JAISALMER	SAM	Ranau	Piezometer	1.06	102.00	129	70.45	27.59	62.04	61.94	66.39	66.54
701	W273805070144001	JAISALMER	SAM	SADEWALA	Dug well	1.20	44.80	118	70.24	27.63	41.1	40.96	40.9	40.9
702	W264930070312401	JAISALMER	SAM	SAM1	Dug well	0.70	29.70	176	70.52	26.83	9.93	10.64	11	11.2
703	W271424070393201	JAISALMER	SAM	Sanu1	Piezometer	0.63	195.00	214	70.66	27.24	106.47	106.42	105.77	105.77
704	W264300071183001	JAISALMER	SAM	SANWATA	Dug well	0.75	53.25	278	71.31	26.72	31.99	31.79	31.8	31.85
705	W274800070220001	JAISALMER	SAM	TANOT	Dug well	1.22	43.88	112	70.37	27.8	30.58	30.59	31.15	30.88
706	W273557071042501	JAISALMER	SAM	Tuli Deep	Piezometer	1.00	200.00	115	71.07	27.6	30	33.76	30	7.4
707	W273530071040001	JAISALMER	SAM	Tuli Shallow	Piezometer	1.00	99.00	115	71.07	27.59	7.5	7.38	8.98	29.9
708	W262920071483001	JAISALMER	SANKRA	BALAR	Dug well	1.53	27.45	234	71.81	26.49	12.75	0	0	0
709	W263750071293001	JAISALMER	SANKRA	BHAINSARA	Dug well	1.33	30.25	310	71.49	26.63	29.17	28.62	27.47	0
710	W265830071451001	JAISALMER	SANKRA	CHACHA	Dug well	1.09	26.06	225	71.75	26.98	15.09	9.33	15.31	15.41
711	W263120072011101	JAISALMER	SANKRA	GARHI CHAMPAWAT	Piezometer	0.50	200.00	225	72.02	26.52	17.3	16.98	17.7	17.7
712	W264545071361501	JAISALMER	SANKRA	GUDI KA TALA	Dug well	1.05	12.95	285	71.6	26.76	4.99	1.57	2.05	7.45
713	W264820071541501	JAISALMER	SANKRA	KALEWA	Dug well	1.00	35.00	240	71.9	26.81	27.25	24.17	23.65	21.5
714	W264244071255701	JAISALMER	SANKRA	LAKHASAR	Dug well	0.70	45.09	291	71.43	26.71	39.07	38.89	38.5	38.5
715	W265220072030001	JAISALMER	SANKRA	LAWAN	Dug well	1.20	40.00	245	72.05	26.87	19.25	20.35	15.4	15.9
716	W270900071460001	JAISALMER	SANKRA	LOHARKI	Dug well	1.46	80.00	231	71.77	27.15	70.91	71.65	71.94	72.04
717	W263724071341501	JAISALMER	SANKRA	LUNA KALAN	Dug well	1.20	21.80	299	71.57	26.62	13.37	13.69	13.6	13.75
718	W264445071301501	JAISALMER	SANKRA	MADASAR	Dug well	1.30	23.70	285	71.5	26.75	8.6	8.33	7.8	8.2
719	W270252071535601	JAISALMER	SANKRA	MAWA	Piezometer	0.50	200.00	217	71.9	27.05	22.68	22.16	22.8	22.8
720	W262430071554001	JAISALMER	SANKRA	PHALSUND	Dug well	1.31	10.00	205	71.93	26.41	5.54	6.12	4.94	4.79
721	W265514071553101	JAISALMER	SANKRA	POKARAN	Piezometer	0.50	200.00	265	71.93	26.92	21.75	26.1	23.8	23.6
722	W265513072011001	JAISALMER	SANKRA	POKARAN(POKARAN -II)	Piezometer	0.50	200.00	232	72.02	26.92	28.48	27.83	26.3	25.7
723	W263216071324101	JAISALMER	SANKRA	RAJGARH1	Dug well	0.10	27.00	308	71.54	26.54	20.44	20.08	19.98	20.1
724	W270500071330001	JAISALMER	SANKRA	SRIBHADRIA	Dug well	1.35	46.65	196	71.55	27.08	39.8	39.45	39.3	40.85
725	W252025072513301	JALORE	AHORE	Gudha Balotan	Piezometer	1.00	85.00	202	72.86	25.34	39.35	38.7	38.84	39.87
726	W253151072515901	JALORE	AHORE	NIMLA	Dug well	0.80	22.00	195	72.87	25.53	12.9	10.3	11.87	12.45
727	W250045072154501	JALORE	BHINMAL	BHINMAL1	Dug well	0.50	17.95	145	72.26	25.01	4.6	3.7	2.87	3.8
728	W252132072015101	JALORE	BHINMAL	KHOKAGAON	Piezometer	1.00	125.00	78	72.03	25.36	57.8	57.7	0	57.91
729	W250313072204601	JALORE	BHINMAL	Ledarmer	Dug well	0.00	56.30	169.63	72.35	25.05	26.8	27.45	30.93	24.34
730	W245630071243001	JALORE	CHITALWANA	DOONGRI	Dug well	1.02	26.00	37	71.41	24.94	23.28	23.38	22.56	0
731	W245928071353801	JALORE	CHITALWANA	Hali Bao	Piezometer	1.00	112.00	31	71.59	24.99	1.62	2.2	1.68	1.85
732	W245729071430801	JALORE	CHITALWANA	Ranodar	Piezometer	1.00	122.00	41	71.72	24.96	3.8	0	0	0
733	W245451071441901	JALORE	CHITALWANA	Sewada	Piezometer	1.00	130.00	40	71.74	24.91	5.85	5.95	5.97	0
734	W251132072360001	JALORE	JALORE	BAGRA1	Piezometer	0.80	94.40	162	72.6	25.19	71.85	50.4	67.75	78.78
735	W251643072354501	JALORE	JALORE	Bhagli	Piezometer	0.60	79.00	191	72.6	25.28	50.38	49.9	50.05	50.66
736	W245830072343001	JALORE	JASWANTPURA	PUNAK KALAN	Dug well	0.96	15.04	225	72.57	24.98	6.24	4.59	5.14	4.34
737	W250202072311401	JALORE	JASWANTPURA	RAMSEEN	Dug well	1.35	18.96	193	72.52	25.03	7.55	9.85	10.45	7.85
738	W251209072255101	JALORE	JASWANTPURA	Serena	Piezometer	1.00	113.50	132	72.43	25.2	69.7	65.1	66.79	67.27
739	W245624072151801	JALORE	RANIWARA	Alri	Piezometer	1.00	27.40	168	72.25	24.94	15.1	17	17.04	17.15
740	W245803072120801	JALORE	RANIWARA	DHANWARA	Piezometer	0.65	70.00	152	72.2	24.97	39.95	40.75	41.2	41.65
741	W244604072070101	JALORE	RANIWARA	Hirpura	Piezometer	1.00	66.00	192	72.12	24.77	53.15	50.65	49.02	51.45
742	W244234072063401	JALORE	RANIWARA	Matriwara	Piezometer	0.90	130.00	170	72.11	24.71	59.9	60.5	60.77	60.88
743	W244554072011901	JALORE	RANIWARA	Sewara Pz	Piezometer	0.80	116.00	140	72.02	24.76	42.9	42.9	42.97	53.2
744	W244508071494301	JALORE	SANCHORE	Hadetar	Piezometer	1.00	155.00	66	71.83	24.75	33.37	34.02	33.82	34.47

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
745	W244824071475601	JALORE	SANCHORE	Karola	Piezometer	1.00	121.00	50	71.8	24.81	14.22	13.32	13.47	0
746	W244649071562101	JALORE	SANCHORE	Sarnau Pz	Piezometer	0.87	120.00	100	71.94	24.78	55.38	59.78	65.5	66.84
747	W242445076334001	JHALAWAR	AKLERA	AKLERA	Dug well	0.60	10.00	326	76.56	24.41	9.05	2.2	2.5	4.8
748	W241615076301501	JHALAWAR	AKLERA	ASALPUR	Dug well	0.15	12.85	350	76.5	24.27	9.95	1.6	2.95	4.3
749	W245158072180001	JHALAWAR	AKLERA	Kagmala(kundanpura)	Piezometer	0.65	100.00	210	76.5	24.27	0	0	25.22	26.53
750	W270235076554901	JHALAWAR	AKLERA	Nahara	Dug well	0.00	18.00	231.5	76.56	24.41	0	0	15.3	15.44
751	W242630075545501	JHALAWAR	BHAWANI MANDI	ANVLIKALAN	Dug well	0.66	14.84	365	75.92	24.44	13.54	5.54	2.59	4.44
752	W274200076362002	JHALAWAR	BHAWANI MANDI	Dalalpur	Piezometer	1.00	130.00	301	75.92	24.44	0	0	80.1	0
753	W242900075573501	JHALAWAR	BHAWANI MANDI	GANESHPURA	Dug well	0.88	11.89	348	75.96	24.48	9.32	2.82	1.87	3.12
754	W240550075520001	JHALAWAR	BHAWANI MANDI	GAURADIYA KALAN	Dug well	0.77	10.41	408	75.87	24.1	9.48	0.43	2.33	3.63
755	W265225075491101	JHALAWAR	BHAWANI MANDI	Gwd Campus	Piezometer	1.00	112.00	438	75.84	24.37	0	0	53.23	0
756	W241040075500001	JHALAWAR	BHAWANI MANDI	KARVAN KALA	Dug well	0.48	16.39	388	75.83	24.18	11.82	3.82	6.72	11.72
757	W272045074290001	JHALAWAR	BHAWANI MANDI	KOLIA	Dug well	1.27	35.00	332	75.87	24.1	0	24.93	24.13	18.18
758	W241630075503001	JHALAWAR	BHAWANI MANDI	MISHROLI	Dug well	0.39	13.61	408	75.84	24.27	8.06	2.31	0.31	2.31
759	W245230074160001	JHALAWAR	BHAWANI MANDI	MUNGANA	Dug well	1.08	24.00	463	75.84	24.27	0	0	1.62	5.62
760	W292345073562701	JHALAWAR	BHAWANI MANDI	RAMSARA	Dug well	1.80	33.40	173	75.96	24.48	0	0	17.15	17.03
761	W282310074040001	JHALAWAR	BHAWANI MANDI	SOMASAR	Dug well	2.46	75.00	222	75.83	24.18	0	62.54	61.9	67.04
762	W264402073382301	JHALAWAR	DAG	Dharmi Pz	Piezometer	0.50	70.00	317	75.83	23.95	0	60	60.4	60.6
763	W235600075370001	JHALAWAR	DAG	GANGDHAR	Dug well	0.50	17.00	420	75.62	23.93	13.05	3.9	4.8	5.6
764	W235942075530001	JHALAWAR	DAG	GUNAVI	Dug well	0.25	16.53	473	75.88	24	12.05	1.4	7.45	8.1
765	W235710075423401	JHALAWAR	DAG	GWALAT	Dug well	0.60	9.20	457	75.71	23.95	8.5	0.57	2.5	4.75
766	W264331073552901	JHALAWAR	DAG	Merta Road_Pz	Piezometer	1.00	119.00	317.661	75.62	23.93	0	87.3	87.4	86.4
767	W265112076045301	JHALAWAR	DAG	Mohanpura1	Piezometer	1.00	115.00	368.69	75.88	24	0	48.06	51.05	50.09
768	W264532073461501	JHALAWAR	DAG	Nokha Chandwata_Pz	Piezometer	1.10	150.00	346.585	75.71	23.95	0	115	0	0
769	W242915076181001	JHALAWAR	JHALRAPATAN	AKTASA	Dug well	2.01	11.20	322	76.3	24.49	7.19	3.77	0.24	4.59
770	W272215074390001	JHALAWAR	JHALRAPATAN	DAULATPURA	Dug well	2.12	38.00	358	76.38	24.43	0	0	25.68	26.08
771	W242600076223001	JHALAWAR	JHALRAPATAN	DOONGARGAON	Dug well	1.22	10.00	350	76.38	24.43	4.33	0.33	1.18	1.78
772	W272150072534501	JHALAWAR	JHALRAPATAN	GHANTYALI_Pz	Piezometer	0.50	200.00	273	76.15	24.53	0	0	0	99.2
773	W243658076103401	JHALAWAR	JHALRAPATAN	JHALAWAR	Dug well	0.83	24.39	323	76.18	24.62	22.97	0.37	11.22	5.57
774	W243000076055701	JHALAWAR	JHALRAPATAN	Krishanpura Chowki	Dug well	0.00	13.16	321	76.1	24.5	7.61	0.71	1.91	2.26
775	W261830074554001	JHALAWAR	JHALRAPATAN	Morajhari	Piezometer	1.00	150.00	382	76.1	24.5	0	0	0	4.5
776	W242648076120001	JHALAWAR	JHALRAPATAN	Nahardi	Dug well	0.75	8.00	319	76.2	24.45	4.2	0.85	1.35	2.55
777	W274844075211501	JHALAWAR	JHALRAPATAN	Parsarampura	Piezometer	0.00	133.00	422.61	76.2	24.45	0	0	48.7	43.4
778	W261259072422501	JHALAWAR	JHALRAPATAN	RANISAR	Piezometer	0.50	200.00	260	76.3	24.49	0	0	0	140.5
779	W243939076112101	JHALAWAR	KHANPUR	GAGRON	Dug well	0.82	20.94	308	76.19	24.66	11.28	1.43	1.28	1.63
780	W243552076153001	JHALAWAR	KHANPUR	MANDAWAR1	Dug well	0.75	13.39	335	76.26	24.6	2.9	0.05	0.4	0.65
781	W244138076243001	JHALAWAR	KHANPUR	Piplaj	Dug well	0.00	15.50	302.39	76.41	24.69	7.3	0.68	2.55	3.65
782	W242023076462201	JHALAWAR	MANOHAR THANA	GAJWARA	Dug well	0.97	20.00	330	76.77	24.34	6.68	0.03	0.43	1.03
783	W241656076435001	JHALAWAR	MANOHAR THANA	JHIRI	Dug well	0.75	8.00	351	76.73	24.28	5.9	0.4	2.65	0.95
784	W241400076483001	JHALAWAR	MANOHAR THANA	MANOHAR THANA1	Dug well	1.14	17.11	341	76.81	24.23	13.51	1.41	10.76	11.16
785	W253412075565001	JHALAWAR	MANOHAR THANA	MOTIPURA	Dug well	0.51	14.00	303	76.73	24.28	0	0	7.19	7.49
786	W264100075214501	JHALAWAR	MANOHAR THANA	MOZMABAD	Dug well	0.53	15.00	335	76.77	24.34	0	0	7.89	6.67
787	W264539076201801	JHALAWAR	MANOHAR THANA	Nagal Rajawatan	Piezometer	1.00	200.00	332	76.67	24.35	0	0	39.1	0
788	W292445074120002	JHALAWAR	MANOHAR THANA	Paditawali	Piezometer	0.85	100.00	180	76.81	24.23	0	11.17	0	0
789	W242100076402001	JHALAWAR	MANOHAR THANA	SAREDI	Dug well	1.54	18.00	312	76.67	24.35	11.51	4.76	6.16	7.56
790	W265800077180001	JHALAWAR	PIRAWA	Bhimnagar	Piezometer	1.00	41.20	193	76.19	24.41	0	0	21.7	0
791	W242439076111401	JHALAWAR	PIRAWA	BINDA	Dug well	1.00	15.00	338	76.19	24.41	11.22	2.97	3.37	4.47
792	W262147074370001	JHALAWAR	PIRAWA	TABUII	Dug well	0.29	22.36	457	75.96	24.33	0	0	3.94	7.06
793	W281200075104001	JHUNJHUNU	ALSISAR	Birmi	Piezometer	1.00	90.00	307	75.18	28.2	41	41.1	40.2	40.3
794	W280950075153001	JHUNJHUNU	ALSISAR	CHURELA	Piezometer	1.00	85.00	320	75.26	28.16	47.8	47.7	48.1	48.3
795	W281552075185101	JHUNJHUNU	ALSISAR	Rampura_Pz	Piezometer	0.00	66.00	292.144	75.31	28.26	38.7	40.48	0	38
796	W281845075262301	JHUNJHUNU	CHIRAWA	MANDRELA	Piezometer	0.75	79.15	296	75.44	28.31	60.25	59.05	60.4	60.65
797	W281425075360401	JHUNJHUNU	CHIRAWA	Shivpura1	Piezometer	1.00	93.00	316	75.6	28.24	85.1	91	0	0
798	W280320075153001	JHUNJHUNU	JHUNJHUNUN	JAISINGHPURA	Piezometer	1.75	96.80	342	75.26	28.06	46.15	50.75	59.3	51.2
799	W281115075312001	JHUNJHUNU	JHUNJHUNUN	Khudana	Piezometer	1.00	94.50	327	75.52	28.19	70.35	73.3	72.35	73.05
800	W281030075271501	JHUNJHUNU	JHUNJHUNUN	Math	Piezometer	0.00	97.30	316	75.45	28.17	54.5	53.15	53.3	53.64
801	W280245075190002	JHUNJHUNU	NAWALGARH	DIGHAL	Piezometer	0.63	68.65	345	75.32	28.05	56.4	55.52	55.24	55.88
802	W275945075163001	JHUNJHUNU	NAWALGARH	MANDASI SANDASI	Piezometer	0.90	110.14	357	75.28	28	55.1	61.4	60.4	59.2
803	W275715075130001	JHUNJHUNU	NAWALGARH	MUKUNDGARH	Piezometer	1.00	86.20	356	75.22	27.95	55	55.1	54.2	0
804	W281810075373001	JHUNJHUNU	SURAJGARH	Devroad	Piezometer	0.00	93.00	305	75.63	28.3	81.6	85.4	89.3	87.2
805	W281300075410101	JHUNJHUNU	SURAJGARH	Lakhu	Piezometer	1.00	98.00	313	75.68	28.22	90.1	0	0	0
806	W282345075400001	JHUNJHUNU	SURAJGARH	Morwa	Piezometer	0.00	101.70	284	75.67	28.4	87.9	87.92	89	89.1

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
807	W282445075440001	JHUNJHUNU	SURAJGARH	PIPLI	Piezometer	0.90	106.00	285	75.73	28.41	95.1	94.9	97.1	97.2
808	W280000075320001	JHUNJHUNU	UDAIPURWATI	Sithal	Piezometer	1.20	83.37	359	75.53	28	42.18	52.55	54.1	55.35
809	W261654072375101	JODHPUR	BALESAR	AGOLAI		0.00	0.00	0	72.63	26.28	16.6	17.04	14.4	14.6
810	W262300072300001	JODHPUR	BALESAR	BALESAR_Pz	Piezometer	1.00	184.80	235	72.5	26.38	10	5.4	8.8	9.95
811	W262636072281401	JODHPUR	BALESAR	Kui Jodha	Dug well	0.00	16.45	245.719	72.47	26.44	7.9	2.67	2.8	4.6
812	W263036073124301	JODHPUR	BAORI	Gangani	Piezometer	0.60	160.00	239	73.21	26.51	7.7	5.45	5.65	6
813	W264915073201501	JODHPUR	BAORI	Soyala	Piezometer	1.00	216.00	309	73.34	26.82	41.7	43.8	43.3	43.5
814	W272200072210001	JODHPUR	BAP	BAP1	Dug well	0.00	27.40	190	72.35	27.37	6.39	6.53	0	0
815	W272030072182301	JODHPUR	BAP	BARI DHANI	Dug well	1.50	38.50	192	72.31	27.34	10.35	10.32	10.9	10.9
816	W272112073054301	JODHPUR	BAP	BOONGRI	Piezometer	0.50	200.00	296	73.1	27.35	67.42	67.52	68.2	68.25
817	W272853072465901	JODHPUR	BAP	LUNA_Pz	Piezometer	0.50	200.00	251	72.78	27.48	72.73	72.78	72.8	72.8
818	W265658072545501	JODHPUR	BAPINI	HANUMAN SAGAR	Piezometer	0.50	200.00	306	72.92	26.95	118	118.05	117.1	109.7
819	W265314072530701	JODHPUR	BAPINI	PARASLA	Piezometer	0.50	200.00	305	72.89	26.89	74.8	74.84	75.1	79
820	W264820073244401	JODHPUR	BHOPALGARH	ASANDA	Piezometer	0.50	200.00	321	73.41	26.81	78.85	92.75	92.7	103
821	W260630073454201	JODHPUR	BILARA	BARNA	Piezometer	0.50	200.00	278	73.76	26.11	55.73	0	0	6.5
822	W261310073373001	JODHPUR	BILARA	BHAWI	Dug well	0.36	19.91	260	73.63	26.22	6.84	1.74	2.24	2.44
823	W261354073362401	JODHPUR	BILARA	Bhawi	Piezometer	0.36	197.00	202	73.61	26.23	11.7	2.7	2.8	4.8
824	W261400073273001	JODHPUR	BILARA	Olvi	Piezometer	1.00	203.00	239	73.46	26.23	27.6	25.8	26.1	28.1
825	W265106072130001	JODHPUR	DECHOO	Bada Mandla	Piezometer	1.00	166.50	253	72.22	26.85	115.38	114.9	0	108.5
826	W263816072171701	JODHPUR	DECHOO	CHORDIA	Piezometer	0.50	200.00	150	72.29	26.64	67.23	67.6	64.1	73.6
827	W264621072193701	JODHPUR	DECHOO	Dechu Pz	Piezometer	0.00	110.00	280.096	72.33	26.77	51.4	51.1	49.9	71.6
828	W265500072180002	JODHPUR	DECHOO	Kolu Pz	Piezometer	1.00	98.00	260	72.3	26.92	89.33	88.12	88.1	88.35
829	W264623072050601	JODHPUR	DECHOO	LALPURA	Piezometer	0.50	200.00	265	72.08	26.77	63.08	63.04	0	0
830	W265157072251901	JODHPUR	DECHOO	MANGERIA	Piezometer	0.50	200.00	311	72.42	26.87	104.6	104.62	106.6	106.75
831	W270040072333901	JODHPUR	LOHAWAT	ROOPANA JAITANA	Piezometer	0.50	200.00	288	72.56	27.01	48	47.46	0	0
832	W260330072443001	JODHPUR	LUNI	DHAWA	Dug well	2.60	35.00	163	72.74	26.06	7.45	5.1	4.43	4.6
833	W260623072504001	JODHPUR	LUNI	JATYASANI	Dug well	0.00	22.00	173	72.84	26.11	18.7	0	1.85	17.4
834	W260902072495601	JODHPUR	LUNI	KHUDALA	Dug well	1.40	35.00	183	72.83	26.15	29.5	27.07	27.05	27.8
835	W260000073011501	JODHPUR	LUNI	Luni	Piezometer	0.70	111.60	176	73.02	26	2.65	1.5	9.6	1.8
836	W260700073015901	JODHPUR	LUNI	MOGRA	Dug well	1.53	18.39	188	73.03	26.12	14.69	8.17	8.77	8.37
837	W260915072553401	JODHPUR	LUNI	NARNADI	Piezometer	0.90	73.65	191	72.93	26.15	49.33	42.3	42.5	0
838	W261140072463001	JODHPUR	LUNI	RARON KI DHANI	Dug well	1.50	42.00	177	72.78	26.19	35.45	34.9	35	35.1
839	W260650073145001	JODHPUR	LUNI	SAJJARA	Piezometer	0.85	18.00	209	73.25	26.11	3.95	0	2.65	3.25
840	W261347073014701	JODHPUR	MANDOR	AFRI(Jodhpur)	Piezometer	0.50	56.00	216	73.03	26.23	16.93	16.8	16.34	16.5
841	W261945072433001	JODHPUR	MANDOR	BAMBORE	Dug well	0.00	16.00	194	72.72	26.33	14.75	14.45	14.35	14.4
842	W261400073185001	JODHPUR	MANDOR	Bisalpur	Piezometer	0.50	203.00	218	73.31	26.23	6.6	3.1	3.4	3.65
843	W261330072543001	JODHPUR	MANDOR	BUJAWAR	Dug well	0.66	27.68	248	72.91	26.23	25.06	22.74	17.84	24.14
844	W261600073000001	JODHPUR	MANDOR	CAZRI	Piezometer	0.61	75.50	242	73	26.27	24.23	24.09	29.29	23.44
845	W261630072560001	JODHPUR	MANDOR	CHOPASNI NATH	Dug well	0.35	16.80	251	72.93	26.27	6.6	4.85	5.05	4.2
846	W261600073162701	JODHPUR	MANDOR	DANGIWAS	Dug well	1.58	23.25	225	73.27	26.27	9.02	5.22	5.17	8.72
847	W261800073020001	JODHPUR	MANDOR	JODHPUR	Dug well	1.61	42.99	257	73.03	26.3	11.69	7.79	6.19	7.49
848	W261840073032001	JODHPUR	MANDOR	Jodhpur Army Area	Piezometer	1.00	197.00	235	73.06	26.31	0.9	0.8	0	0
849	W261620072493001	JODHPUR	MANDOR	KARANI	Dug well	1.85	65.15	213	72.82	26.27	51	51.25	52.35	51.35
850	W262100073023001	JODHPUR	MANDOR	MANDORE1	Dug well	1.26	35.54	245	73.04	26.35	12.94	9.89	9.94	8.84
851	W262447072505601	JODHPUR	MANDOR	Salodi	Piezometer	1.00	200.05	237	72.85	26.41	23.6	17.7	18.5	23.1
852	W261713073102501	JODHPUR	MANDOR	SODER KI DHANI	Piezometer	0.50	200.00	221	73.17	26.29	14.03	13.68	13.7	14.6
853	W264330072550002	JODHPUR	OSIAN	OSIAN2	Dug well	0.00	39.21	339	72.92	26.73	9.24	9.15	9.53	0
854	W270136072070301	JODHPUR	PHALODI	Khara	Piezometer	0.00	190.00	233.253	72.12	27.03	106.48	105.98	106	103.2
855	W270340072243001	JODHPUR	PHALODI	Lordiya	Piezometer	1.00	194.00	262	72.41	27.06	30.44	23.96	21.85	25.7
856	W270238072032801	JODHPUR	PHALODI	SHIVPURA_Pz	Piezometer	0.50	200.00	237	72.06	27.04	65.05	65.2	66.2	66.35
857	W261900073251501	JODHPUR	PIPAR CITY	BENAN	Dug well	1.19	22.00	240	73.42	26.32	17.81	11.31	11.41	16.31
858	W262809073474501	JODHPUR	PIPAR CITY	BORUNDA_Pz	Piezometer	0.50	200.00	305	73.8	26.47	119.1	118.9	121.3	120.1
859	W261656073365101	JODHPUR	PIPAR CITY	GHANA MAGRA	Piezometer	0.50	200.00	264	73.61	26.28	20.56	20.4	20.7	19.6
860	W262210073224801	JODHPUR	PIPAR CITY	RAMRAWAS	Dug well	1.59	95.41	247	73.38	26.37	15.56	16.11	16.31	17.31
861	W263206073321501	JODHPUR	PIPAR CITY	SARGIA KALLAN	Piezometer	0.50	200.00	315	73.54	26.53	54.4	53.2	54.4	54.7
862	W263855072274501	JODHPUR	SHEKHALA	DEVATOO	Piezometer	0.50	200.00	265	72.46	26.65	67.45	67.53	72.1	0
863	W262916072260001	JODHPUR	SHEKHALA	Dhirpura_Pz	Piezometer	1.00	181.75	292	72.43	26.49	48.12	50.2	0	49.1
864	W264323072205101	JODHPUR	SHEKHALA	KANODIA PUROHITAN	Piezometer	0.50	200.00	248	72.35	26.72	77.45	78.16	80.6	81.55
865	W263438072325101	JODHPUR	SHEKHALA	MERIYA	Piezometer	0.50	200.00	290	72.55	26.58	55.33	54.6	54.85	54.6
866	W262000072120001	JODHPUR	SHERGARH	KUMARO KI DHANI	Dug well	1.75	44.05	217	72.2	26.33	37.92	36.2	37.75	37.85
867	W262323072171001	JODHPUR	SHERGARH	Nahar Singh Nagar	Piezometer	1.00	100.00	249	72.29	26.39	43.3	42.76	42.9	42.1
868	W262902072185102	JODHPUR	SHERGARH	RAISAR_Pz	Piezometer	0.50	200.00	259	72.31	26.48	39.3	39.27	42.1	42.6

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
869	W261945072174201	JODHPUR	SHERGARH	DAHERGARH1	Piezometer	1.00	71.60	244	72.29	26.33	42.92	42.97	42.1	42.5
870	W263957072431701	JODHPUR	TIWARI	SAUKIYAN KA BASS	Piezometer	0.50	200.00	261	72.72	26.67	57.6	57.66	48.6	53.2
871	W264135076553001	KARAULI	HINDAUN	BADH KAMLA	Dug well	1.00	14.90	240	76.93	26.69	10.5	8.5	9.05	9.81
872	W263830077001501	KARAULI	HINDAUN	GURLA1	Dug well	0.40	36.30	256	77	26.64	21.1	17	16.85	17.09
873	W264400077020001	KARAULI	HINDAUN	Hindaun	Dug well	1.10	11.00	229	77.03	26.73	2.2	0.15	1.7	1.21
874	W264200077010001	KARAULI	HINDAUN	ISLAMPUR	Dug well	0.50	10.00	240	77.02	26.7	8.8	6.35	7.5	6.87
875	W262248076553301	KARAULI	KARAULI	Atewa	Piezometer	1.00	75.00	302	76.93	26.38	14	12.55	11.1	12.47
876	W263231077105601	KARAULI	KARAULI	BHAUJAPURA	Dug well	1.04	16.26	301	77.18	26.54	4.76	5.76	5.71	5.88
877	W263145077043001	KARAULI	KARAULI	Deppura-Pz D	Piezometer	1.00	196.80	268	77.07	26.53	24.2	31.49	32.4	33.04
878	W262530076560001	KARAULI	KARAULI	KARSAI	Dug well	0.50	24.00	284	76.93	26.42	14.6	14.5	15.3	14.41
879	W261929076560001	KARAULI	KARAULI	KELADEVI	Dug well	1.87	15.17	340	76.93	26.32	4.73	0.87	1.13	0.1
880	W261952076504601	KARAULI	KARAULI	Lauhra	Dug well	0.15	14.70	302	76.85	26.33	9.25	3.8	3.6	3.87
881	W262600076570001	KARAULI	KARAULI	Mamachari	Dug well	0.10	20.00	293	76.95	26.43	13	13.7	16.1	13.52
882	W262419077073901	KARAULI	MANDRAIL	Langra_Pz	Piezometer	0.00	80.00	320.56	77.13	26.41	26.3	16.93	19.8	18.01
883	W261840077143201	KARAULI	MANDRAIL	MANDRAL	Dug well	1.36	38.00	199	77.24	26.31	32.64	0	0	0
884	W264303076411901	KARAULI	NADAUTI	NADAUTI	Dug well	0.55	10.21	242	76.69	26.72	2.75	1	1.45	1.39
885	W263630076424101	KARAULI	NADOTI	SAHAR1	Dug well	0.54	29.56	254	76.71	26.61	5.26	2.15	4.26	3.48
886	W261730076450901	KARAULI	SAPOTRA	Sapotra_Pz	Piezometer	1.00	60.00	296	76.75	26.29	30.3	0	17.6	19.22
887	W265600076510001	KARAULI	TODABHIM	AZIZPUR	Piezometer	0.60	65.00	245	76.85	26.93	13.6	11.55	12.35	12.35
888	W264930076560001	KARAULI	TODABHIM	KARAMPURA1	Piezometer	0.60	59.00	222	76.93	26.83	20.6	17.32	18.3	19.19
889	W252645076260501	KOTA	ITAWA	AYANA	Dug well	0.53	21.17	245	76.43	25.45	13.87	3.25	2.72	5.77
890	W253433076183601	KOTA	ITAWA	GAINTA	Dug well	0.94	27.00	224	76.31	25.58	22.76	13.16	21.56	23.11
891	W252615076240001	KOTA	ITAWA	KESHAVPURA	Dug well	0.90	12.12	247	76.4	25.44	4.75	0.24	2.3	2.1
892	W254041076283001	KOTA	ITAWA	KHATOLI	Dug well	0.90	15.50	208	76.47	25.68	14.45	6.15	7.75	12
893	W250115075420001	KOTA	LADPURA	BORAWAS	Dug well	1.35	7.15	468	75.7	25.02	4.6	0	0.65	1.15
894	W245430075584001	KOTA	LADPURA	DARA	Dug well	0.65	10.00	363	75.98	24.91	8.45	0.1	0.57	1.45
895	W251324075494601	KOTA	LADPURA	GIRDHARPURA	Dug well	0.00	7.00	253	75.83	25.22	5.71	1.11	2.41	3.21
896	W251557075545501	KOTA	LADPURA	GUDLI	Dug well	0.88	14.82	250	75.92	25.27	7.92	1.32	1.22	2.22
897	W250716075575601	KOTA	LADPURA	KHERARASULPUR	Dug well	0.69	11.83	259	75.97	25.12	9.36	0.81	4.26	4.11
898	W251100075510001	KOTA	LADPURA	KOTA1	Dug well	0.59	18.31	261	75.85	25.18	5.46	5.16	4.81	5.01
899	W245600075560001	KOTA	LADPURA	MANDANA	Dug well	0.68	13.42	373	75.93	24.93	3.47	0.32	1.72	3.92
900	W250600076121801	KOTA	SANGOD	RAJGARH1	Dug well	0.10	22.90	251	76.21	25.1	11.85	1.05	5	6.1
901	W251430076052001	KOTA	SULTANPUR	DIGOD1	Dug well	1.20	6.25	262	76.09	25.24	1.25	0.05	0.63	0.25
902	W251016076121201	KOTA	SULTANPUR	Gadepan_Pz	Piezometer	0.00	60.00	254.023	76.2	25.17	1.3	0.25	0	1.3
903	W252200076180001	KOTA	SULTANPUR	RATTANPURA	Dug well	0.80	21.17	235	76.3	25.37	18.4	13.33	16.5	16.95
904	W265547074151801	NAGAUR	DEGANA	CHOSLI	Dug well	1.78	55.00	342	74.25	26.93	50.92	51.92	51.87	52.42
905	W264905074211701	NAGAUR	DEGANA	Degana (GWD)	Piezometer	1.00	100.00	339	74.35	26.82	29.65	28.5	15	29.9
906	W272400074330001	NAGAUR	DIDWANA	DIDWANA1	Dug well	0.00	31.63	343	74.55	27.4	16.18	13.83	0	13.93
907	W272045074290002	NAGAUR	DIDWANA	Kolia_Pz	Piezometer	0.50	100.00	332	74.48	27.35	22.1	18.75	17.6	18.4
908	W272231074310001	NAGAUR	DIDWANA	RAGHUNATHPURA	Dug well	2.64	45.36	340	74.52	27.38	38.46	20.86	20.26	28.56
909	W272831074304501	NAGAUR	DIDWANA	SINGHANA1	Dug well	0.00	40.38	348	74.51	27.48	32.07	28.77	27.27	29.97
910	W270800073173801	NAGAUR	KHEENVSAR	DEU	Dug well	2.12	60.00	306	73.29	27.13	57.08	56.38	56.48	54.98
911	W271034073081601	NAGAUR	KHEENVSAR	Karnoo_Pz	Piezometer	0.80	150.00	281.931	73.14	27.18	97.4	97.5	97.7	98.1
912	W265442073224201	NAGAUR	KHEENVSAR	Nagari	Piezometer	1.00	180.00	294.891	73.38	26.91	101.3	101.5	102.1	0
913	W270841074515801	NAGAUR	KUCHAMAN CITY	Kuchaman_Pz	Piezometer	1.00	100.00	384	74.87	27.14	56.3	54.55	54.65	57
914	W273413074260001	NAGAUR	LADNU	BANKALIA	Dug well	2.68	49.32	326	74.43	27.57	26.12	23.12	22.82	23.22
915	W273340074152001	NAGAUR	LADNU	Manu	Piezometer	1.00	100.00	332	74.26	27.56	45.6	37.1	37.15	39.15
916	W273100074310001	NAGAUR	LADNU	SANWARD	Dug well	2.53	36.00	339	74.52	27.52	30.32	0	28.87	28.27
917	W270050074323801	NAGAUR	MAKRANA	MODI CHARANAN	Piezometer	0.50	200.00	365	74.54	27.01	60.1	59.7	59.5	36.65
918	W263540073501401	NAGAUR	MERTA	Gathiya_Pz	Piezometer	0.80	160.00	295	73.84	26.59	87.8	87.5	88.3	87.9
919	W270915074204501	NAGAUR	MOLASAR	CHHOTI KHATU	Dug well	1.00	43.00	346	74.35	27.15	20.9	13.9	13.6	16.1
920	W265741073433901	NAGAUR	MUNDWA	Khur Khura Khurd	Piezometer	1.00	160.00	318	73.73	26.96	108.4	108.8	108.92	108.95
921	W265643073594501	NAGAUR	MUNDWA	KUCHERA	Piezometer	0.90	74.00	315	74	26.95	49.8	51.8	51.5	50
922	W272755073365801	NAGAUR	NAGAUR	CHILO	Dug well	0.68	36.00	305	73.62	27.47	35.02	33.22	32.62	33.82
923	W271100073450001	NAGAUR	NAGAUR	Nagaur1 (GWD)	Piezometer	0.70	100.00	295	73.75	27.18	24.5	23	22.4	23.2
924	W262920074063501	NAGAUR	RIYAN BARI	Bhawal_Pz	Piezometer	1.15	80.00	329.804	74.11	26.49	29.55	11.03	10.45	10.65
925	W263200074150001	NAGAUR	RIYAN BARI	RIAN	Dug well	1.63	46.00	351	74.25	26.53	40.57	30.42	34.47	36.17
926	W250930073125801	PALI	BALI	PERWA	Dug well	1.25	15.00	300	73.22	25.16	13.65	6.35	3.9	5.12
927	W251100073173001	PALI	BALI	RADAWAS	Dug well	0.98	24.03	306	73.29	25.18	18.32	9.12	6.72	8.49
928	W251400073313001	PALI	DESURI	GHANERAO	Dug well	0.58	23.12	378	73.53	25.23	8.52	5.12	3.95	5.96
929	W250659073282101	PALI	DESURI	RANAKPUR	Dug well	2.13	16.46	419	73.47	25.12	5.67	2.37	2.55	3.09
930	W251045073274501	PALI	DESURI	SADRI	Dug well	0.70	19.80	359	73.46	25.18	12.4	0	4.64	7.4

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
931	W261946074034701	PALI	JAITARAN	BASS11	Dug well	1.95	17.00	304	74.06	26.33	13.85	8.5	8.35	9.75
932	W261200073490001	PALI	JAITARAN	PRITHIPURA	Dug well	1.25	36.00	284	73.82	26.2	22.25	20.95	21.25	21.25
933	W253630073184501	PALI	PALI	GUNDOJ	Dug well	0.25	24.14	229	73.31	25.61	5.55	2.65	3.3	4.16
934	W254600073200001	PALI	PALI	PALI1	Dug well	0.51	12.09	218	73.33	25.77	13.59	0.79	1.33	1.64
935	W260800074060301	PALI	RAIPUR	HAIJWAS	Dug well	1.15	21.98	346	74.1	26.13	7.45	0.95	2.15	3.35
936	W260053074014401	PALI	RAIPUR	Haripur Rly Stn	Dug well	0.50	24.50	473.2	74.03	26.01	12	7.05	5.45	5.9
937	W252945073153001	PALI	RANI STATION	KIRWA	Dug well	0.00	21.00	240	73.26	25.5	20.9	4.9	9.6	8
938	W254900073034501	PALI	ROHAT	JAITPURA	Dug well	0.78	13.89	186	73.06	25.82	5.87	5.02	5.32	5.54
939	W255705073083501	PALI	ROHAT	ROHAT1	Piezometer	0.92	24.00	189	73.14	25.95	2.18	0.68	0.38	0.86
940	W254328072580001	PALI	ROHAT	VAED	Dug well	1.31	16.81	173	72.97	25.72	6.27	2.99	3.66	3.67
941	W254929073364501	PALI	SOJAT	Binjliawas	Piezometer	1.00	150.00	253	73.61	25.82	7.5	4.7	0	3.9
942	W255000073381501	PALI	SOJAT	KARIASODA	Dug well	0.65	21.00	266	73.64	25.83	12.05	10.15	8.4	9.65
943	W255728073230001	PALI	SOJAT	SARDARSAMAD	Dug well	0.90	17.00	219	73.38	25.96	4.9	2.4	1.5	1.2
944	W250651073093101	PALI	SUMERPUR	Balwana	Dug well	0.69	10.00	299	73.16	25.11	5.61	2.21	2.99	3.67
945	W252200073120001	PALI	SUMERPUR	BIRAMI	Dug well	0.30	20.00	250	73.2	25.37	17.3	10.4	0	0
946	W251345073094501	PALI	SUMERPUR	NIMBORNATH	Dug well	0.36	8.30	282	73.16	25.23	6.34	4.34	3.47	3.93
947	W251855073105801	PALI	SUMERPUR	SANDERAO	Dug well	1.05	17.20	256	73.18	25.32	3.75	5.6	5.22	5.54
948	W235400074484502	PRATAPGARH	ARNOD	Arnod_Pz	Piezometer	1.00	60.00	511	74.81	23.9	16.4	2.3	4.4	9.1
949	W251600075450001	PRATAPGARH	ARNOD	BALLOP	Dug well	1.00	6.00	248	74.87	23.63	0	0.18	1.1	1.45
950	W251510076301501	PRATAPGARH	ARNOD	BOHAT	Dug well	0.68	11.00	241	74.87	23.63	0	1.57	3.97	6.82
951	W255800076160001	PRATAPGARH	ARNOD	KUSHTALA	Dug well	0.64	16.00	267	74.86	23.77	0	6.54	5.36	5.66
952	W263434075382501	PRATAPGARH	ARNOD	Madhorajpur Pz	Piezometer	1.30	72.00	308	74.81	23.9	0	9.6	9.4	6.3
953	W234630074513001	PRATAPGARH	ARNOD	MoheDa	Dug well	0.50	18.50	505	74.86	23.77	7.65	1	1.4	6.21
954	W233730074515901	PRATAPGARH	ARNOD	Ninor	Dug well	1.00	10.36	532	74.87	23.63	4.65	0.35	2.6	1.63
955	W233733074515701	PRATAPGARH	ARNOD	Ninor Pz	Piezometer	1.00	150.00	532	74.87	23.63	8.85	1.7	1.8	1.62
956	W242310074420001	PRATAPGARH	CHHOTI SADRI	Choti Sadri	Dug well	0.43	25.68	494	74.7	24.39	11.92	0.62	1.17	2.27
957	W265413077022401	PRATAPGARH	CHHOTI SADRI	DHAND1	Piezometer	1.00	40.00	224	74.7	24.39	0	0	29.1	0
958	W241600074403001	PRATAPGARH	CHHOTI SADRI	Dholapani	Dug well	0.60	7.00	417	74.68	24.27	3.8	0.7	1.4	1.66
959	W241015073203501	PRATAPGARH	CHHOTI SADRI	SOM1	Dug well	0.94	15.56	634	74.68	24.27	0	0	7.16	4.39
960	W241505074250001	PRATAPGARH	DHARIAWAD	ARAMPUR	Dug well	0.50	7.30	407	74.42	24.25	4.25	0.15	0.3	0.65
961	W234700073300001	PRATAPGARH	DHARIAWAD	Beechiwara	Dug well	0.30	16.00	380	74.42	24.25	0	0	0.1	2.57
962	W265549072292301	PRATAPGARH	DHARIAWAD	DAYAKOR	Piezometer	0.50	200.00	307	74.46	24.03	0	139.5	0	0
963	W240533074284701	PRATAPGARH	DHARIAWAD	Jawahar Nagar	Dug well	0.70	8.37	233	74.48	24.09	4.7	0	2.8	2.85
964	W240200074273001	PRATAPGARH	DHARIAWAD	KHUNTA	Dug well	0.70	7.60	252	74.46	24.03	8.2	1.5	3.7	4.1
965	W264700076130001	PRATAPGARH	DHARIAWAD	LAWAN1	Piezometer	1.00	44.00	317	74.43	23.96	0	43	42.9	43.09
966	W235736074260501	PRATAPGARH	DHARIAWAD	Mungana	Dug well	0.00	13.56	215	74.43	23.96	11.2	3.76	4.86	9.09
967	W255942074265801	PRATAPGARH	PEEPALKHOONT	Daultpura	Piezometer	0.50	197.40	460	74.57	23.8	0	35.2	17.15	0
968	W255557075530201	PRATAPGARH	PEEPALKHOONT	JAINAGAR	Dug well	0.50	23.00	239	74.64	23.77	0	4.05	6.8	7.9
969	W234433074405901	PRATAPGARH	PEEPALKHOONT	JHATIA BARI	Dug well	0.94	7.56	339	74.68	23.74	6.24	1.26	3.24	5.34
970	W254000076110001	PRATAPGARH	PEEPALKHOONT	LAKHERI	Dug well	1.50	3.95	228	74.68	23.74	0	0.5	0.4	0.9
971	W235038074381601	PRATAPGARH	PEEPALKHOONT	Lamba Dabra	Dug well	0.00	16.20	368	74.64	23.84	6.7	2.3	4.2	3.06
972	W234745074340001	PRATAPGARH	PEEPALKHOONT	Peepalkhoont	Dug well	0.23	16.00	221	74.57	23.8	14.07	1.27	7.47	9.85
973	W234622074383401	PRATAPGARH	PEEPALKHOONT	Pipli Chowk Ghantiyali	Dug well	1.00	16.00	327	74.64	23.77	14.1	6.2	8	9.22
974	W261448072515101	PRATAPGARH	PEEPALKHOONT	Rohil Kalan_DW	Dug well	1.00	33.00	230	74.64	23.84	0	28.1	29.4	27.75
975	W235453074422601	PRATAPGARH	PEEPALKHOONT	Suhagpura	Dug well	0.10	14.00	438	74.71	23.91	9.55	0.8	2.9	4.67
976	W263803075475801	PRATAPGARH	PEEPALKHOONT	Tootoli	Dug well	0.00	25.00	232.1	74.71	23.91	0	13.77	13.7	16.6
977	W241054074421001	PRATAPGARH	PRATAPGARH	Barawarda	Dug well	0.21	19.79	406	74.7	24.18	13.64	0.74	1.79	1.14
978	W271342072461001	PRATAPGARH	PRATAPGARH	BHIYASAR	Piezometer	0.50	200.00	261	74.57	24.08	0	139.5	0	0
979	W240202074393101	PRATAPGARH	PRATAPGARH	Devgarh	Dug well	0.50	6.00	526	74.66	24.03	5	0.85	2.5	2.65
980	W270324072240401	PRATAPGARH	PRATAPGARH	LORDIYA	Piezometer	0.50	200.00	256	74.66	24.03	0	106.49	0	107
981	W240127074523101	PRATAPGARH	PRATAPGARH	Mokhampura	Dug well	0.00	20.00	499	74.88	24.02	12.9	0	0	4.4
982	W240207074470001	PRATAPGARH	PRATAPGARH	Pratappur	Dug well	0.00	11.00	507	74.78	24.04	7.5	2.75	4.8	5.7
983	W270520074252301	PRATAPGARH	PRATAPGARH	Rani Gaon_Pz	Piezometer	1.00	72.00	353.754	74.78	24.04	0	46.75	46.18	49.9
984	W265854075552901	PRATAPGARH	PRATAPGARH	Saipura Pz	Piezometer	1.00	65.00	381	74.98	24.03	0	63.85	63.8	64.99
985	W282600075075001	PRATAPGARH	PRATAPGARH	SIRSALA	Dug well	1.08	31.69	277	74.7	24.18	0	29.56	0	29.49
986	W251429073572201	RAJSAMAND	AMET	CHATTARPUR	Dug well	0.62	25.00	583	73.96	25.24	14.83	10.58	9.38	9.72
987	W253000073501901	RAJSAMAND	BHIM	BAGHANA	Dug well	0.74	17.86	658	73.84	25.5	11.66	1.16	2.16	1.51
988	W255000074050001	RAJSAMAND	BHIM	BALI1	Dug well	1.30	12.82	549	74.08	25.83	8.9	0.6	3.5	2.65
989	W254000074010001	RAJSAMAND	BHIM	BARAR	Dug well	0.80	20.63	645	74.02	25.67	19.5	2.05	3.2	4.6
990	W254436074044501	RAJSAMAND	BHIM	Bhim	Dug well	1.10	25.00	577.797	74.08	25.74	6.85	0.8	1	0.8
991	W252515073492001	RAJSAMAND	BHIM	DEWAI	Dug well	2.00	15.39	738	73.82	25.42	8.1	0.9	5.2	2
992	W254700074110001	RAJSAMAND	BHIM	GHATA	Dug well	0.80	15.60	538	74.18	25.78	13.6	11.95	5.6	6.53

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
993	W255100074080001	RAJSAMAND	BHIM	Sheron Ka Bala	Dug well	0.86	17.18	609	74.13	25.85	7.44	0.49	0.72	0.79
994	W253600073584801	RAJSAMAND	BHIM	THIKARWAS	Dug well	1.24	16.79	636	73.98	25.6	11.26	1.21	2.76	3.26
995	W245400073490001	RAJSAMAND	KHAMNOR	ODAN	Dug well	0.61	13.53	618	73.82	24.9	5.49	2.29	3.69	2.57
996	W251530073431501	RAJSAMAND	KUMBHALGARH	Bhop Ji Ki Bhagal	Piezometer	1.15	129.00	725	73.72	25.26	14.4	8.95	8.85	9.9
997	W250219073340001	RAJSAMAND	KUMBHALGARH	DOWAS	Dug well	1.13	11.00	1131	73.57	25.04	9.52	2.92	2.17	2.89
998	W250730073420001	RAJSAMAND	KUMBHALGARH	Gajpur	Piezometer	1.00	100.00	887	73.7	25.13	23.15	17.9	15.7	14.58
999	W251338073401501	RAJSAMAND	KUMBHALGARH	JHILWARA	Dug well	1.51	18.86	758	73.67	25.23	15.04	9.99	5.19	6.84
1000	W250600073360001	RAJSAMAND	KUMBHALGARH	KALWANA	Dug well	0.50	14.00	857	73.6	25.1	11.55	4.1	4.55	3.91
1001	W245736073330001	RAJSAMAND	KUMBHALGARH	KANCHOLI	Dug well	1.15	14.35	799	73.55	24.96	9.95	4.15	2.75	2.66
1002	W250600073364801	RAJSAMAND	KUMBHALGARH	KELWARA	Dug well	0.41	11.09	829	73.61	25.1	7.49	3.19	3.69	4.49
1003	W252029073465001	RAJSAMAND	KUMBHALGARH	KITELA	Dug well	0.34	17.16	696	73.78	25.34	10.31	0	2.66	4.56
1004	W251417073472001	RAJSAMAND	KUMBHALGARH	MANSINGH KAGURA	Dug well	0.29	17.81	662	73.79	25.24	6.26	2.01	4.91	3.95
1005	W245414074060001	RAJSAMAND	RAILMAGRA	GAVARDI	Dug well	1.35	20.87	482	74.1	24.9	12.7	7.75	9.55	7.4
1006	W250200074001401	RAJSAMAND	RAILMAGRA	ODA1	Dug well	0.82	18.00	516	74	25.03	5.23	2.38	3.03	0.7
1007	W251400073530001	RAJSAMAND	RAJSAMAND	GUGLI	Dug well	0.43	25.00	609	73.88	25.23	22.77	11.07	14.07	12.97
1008	W250751073510001	RAJSAMAND	RAJSAMAND	MOKAMPURA	Dug well	0.61	17.00	586	73.85	25.13	10.74	1.29	5.09	1.9
1009	W251210073514701	RAJSAMAND	RAJSAMAND	NADIAWALA	Dug well	0.61	22.00	592	73.86	25.2	19.54	9.19	10.44	10.89
1010	W250400073530001	RAJSAMAND	RAJSAMAND	RAJSAMAND	Dug well	1.03	20.20	547	73.88	25.07	4.27	3.67	5.97	1.87
1011	W263300076334001	SAWAI MADHOPUR	BAMANWAS	BAMNAWAS	Dug well	0.63	17.00	253	76.56	26.55	6.32	4.79	5.42	6.38
1012	W261945076293001	SAWAI MADHOPUR	BAMANWAS	MORAL TIWARA	Dug well	0.90	20.00	236	76.49	26.33	10.9	7.85	7.1	7.73
1013	W263015076331001	SAWAI MADHOPUR	BAMANWAS	PIPLAI	Dug well	0.61	16.00	253	76.55	26.5	11.99	11.03	11.44	11.51
1014	W261510076230901	SAWAI MADHOPUR	BONLI	BHADOTI	Dug well	0.34	13.82	243	76.39	26.25	12.41	2.11	9.06	9.91
1015	W262115076151501	SAWAI MADHOPUR	BONLI	BONALI	Dug well	0.64	12.00	274	76.25	26.35	8.26	1.48	3.16	3.51
1016	W261820076225001	SAWAI MADHOPUR	BONLI	MALARNACHOR	Dug well	1.01	18.00	247	76.38	26.31	13.94	4.74	3.19	1.19
1017	W262200076234801	SAWAI MADHOPUR	BONLI	TOND	Dug well	0.81	16.90	244	76.4	26.37	1.74	0.33	0.29	0.94
1018	W262900076440001	SAWAI MADHOPUR	GANGAPUR	GANGAPUR2	Dug well	1.00	14.00	264	76.73	26.48	11.2	9.2	11.65	8.96
1019	W262441076371301	SAWAI MADHOPUR	GANGAPUR	MEENAPARA	Piezometer	1.03	26.00	243	76.62	26.41	18.27	15.77	16.22	17.24
1020	W263404076434201	SAWAI MADHOPUR	GANGAPUR	Ram Singh Pura	Piezometer	1.00	84.00	250	76.73	26.57	3.1	0.62	0.6	1.8
1021	W263130076501301	SAWAI MADHOPUR	GANGAPUR	SEWA	Dug well	1.07	13.00	269	76.84	26.52	8.33	5.9	5.93	6.03
1022	W255600076260001	SAWAI MADHOPUR	KHANDAR	BODAL	Dug well	0.81	12.69	234	76.43	25.93	8.89	0.79	2.69	4.94
1023	W255345076292001	SAWAI MADHOPUR	KHANDAR	CHANN	Dug well	0.75	28.00	244	76.49	25.9	23.75	13.55	13.15	11.55
1024	W255327076205201	SAWAI MADHOPUR	KHANDAR	HINDWAR	Dug well	1.25	18.00	233	76.35	25.89	15.25	10.95	9.25	9.85
1025	W260120076354001	SAWAI MADHOPUR	KHANDAR	KHANDAR1	Dug well	0.94	36.67	231	76.59	26.02	13.96	9.86	2.81	3.16
1026	W25542076221701	SAWAI MADHOPUR	SAWAI MADHOPUR	Kushlipura	Dug well	0.75	15.00	264	76.37	25.93	7.55	7.37	9.45	8.15
1027	W260100076273001	SAWAI MADHOPUR	SAWAI MADHOPUR	RANTHAMBOR	Dug well	1.05	14.64	403	76.46	26.02	9.75	5.75	5.35	5.75
1028	W271900075174201	SIKAR	DANTA RAMGARH	BAI2	Piezometer	0.86	41.00	423	75.29	27.32	19.29	17.85	16.99	17.71
1029	W272315075030001	SIKAR	DANTA RAMGARH	KARANPURA	Piezometer	1.00	82.50	460	75.05	27.39	71.95	71.11	70.3	71.35
1030	W272200075240001	SIKAR	DANTA RAMGARH	Khatu Shyamji	Piezometer	1.00	64.00	448	75.4	27.37	32.1	31.6	30.82	32.05
1031	W273001074562902	SIKAR	DHOND	Anokhu_Pz	Piezometer	0.65	90.00	405	74.94	27.5	72.65	73.58	72.91	72.4
1032	W273058074535301	SIKAR	DHOND	Binjyasi	Piezometer	0.97	101.00	421	74.9	27.52	68	67.47	66.51	67.3
1033	W273000074590002	SIKAR	DHOND	DHOD	Piezometer	0.81	111.00	425	74.98	27.5	80.89	79.86	82.17	80.29
1034	W273836075061901	SIKAR	DHOND	Sabalpura	Piezometer	1.00	137.50	423	75.11	27.64	78	79.84	79.62	81.08
1035	W275328074544601	SIKAR	FATEHPUR	Bibipur	Piezometer	0.60	90.00	335	74.91	27.89	46.4	44.11	43.52	44.16
1036	W275547074535701	SIKAR	FATEHPUR	Bikamsara	Piezometer	0.60	88.50	331	74.9	27.93	43.25	40.65	39.99	40.1
1037	W280335074561601	SIKAR	FATEHPUR	Dewas	Piezometer	1.00	76.40	316	74.94	28.06	37.85	35.05	34.79	35.97
1038	W280529074514901	SIKAR	FATEHPUR	Dhanadhan	Piezometer	0.60	94.50	313	74.86	28.09	37.5	34.7	34.5	34.9
1039	W275454074594701	SIKAR	FATEHPUR	Harsawa Bara	Piezometer	0.90	93.50	344	75	27.92	47.9	47.54	46.76	47.5
1040	W280424074492301	SIKAR	FATEHPUR	Ramsisar	Piezometer	1.00	90.00	313	74.82	28.07	36.9	35	34.72	35.1
1041	W280300074520002	SIKAR	FATEHPUR	ROHALSOBHSAR	Piezometer	1.00	105.00	313	74.87	28.05	36.7	34.9	34.17	36
1042	W280824074573501	SIKAR	FATEHPUR	ROOKANSAR	Piezometer	0.94	87.04	306	74.96	28.14	33.16	31.64	30.39	31.32
1043	W273217075271901	SIKAR	KHANDELA	Dhudhwalo Ka Bas	Piezometer	1.00	73.00	503	75.46	27.54	64.2	64.26	67.1	67
1044	W275455075080701	SIKAR	LACHHMANGARH	BALARAN	Piezometer	1.43	87.66	338	75.14	27.92	56.42	59.57	57.84	57.57
1045	W274730075063601	SIKAR	LACHHMANGARH	Bau	Piezometer	1.00	101.10	385	75.11	27.79	76.15	74.84	74.12	75.2
1046	W275205075004901	SIKAR	LACHHMANGARH	CHINCHAS	Piezometer	0.97	88.90	348	75.01	27.87	53.33	51.29	50.81	51.45
1047	W274715074583101	SIKAR	LACHHMANGARH	Datunjala	Piezometer	1.00	87.00	356	74.98	27.79	57.9	55.86	54.93	56.07
1048	W274543074484901	SIKAR	LACHHMANGARH	Dewan Ji Ka Bas	Piezometer	0.60	84.00	348	74.81	27.76	48.55	43	42.38	46.45
1049	W274246074491601	SIKAR	LACHHMANGARH	Garoda	Piezometer	0.00	81.00	348	74.82	27.71	44.1	43.94	43.12	44.1
1050	W273945074532701	SIKAR	LACHHMANGARH	GHANA	Piezometer	0.96	98.50	365	74.89	27.66	67.29	67.51	67.68	67.84
1051	W274742074522501	SIKAR	LACHHMANGARH	JAJOD	Piezometer	1.07	91.50	346	74.87	27.8	53.88	52.63	52.1	52.88
1052	W273700074461201	SIKAR	LACHHMANGARH	NECHWA	Piezometer	1.00	69.00	357	74.77	27.62	46.2	44.2	43.3	44.4
1053	W275021074533202	SIKAR	LACHHMANGARH	Roru Badi_I	Piezometer	0.90	78.00	344	74.89	27.84	45.9	43.75	42.87	43.8
1054	W275021074533201	SIKAR	LACHHMANGARH	Roru Badi_II	Piezometer	0.80	78.00	344	74.89	27.84	45.7	43.6	42.8	43.85

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
1055	W275152074514101	SIKAR	LACHHMANGARH	Sekhiwas	Piezometer	0.60	79.00	338	74.86	27.86	44.45	41.8	42.51	42.06
1056	W274454075525401	SIKAR	NEEM KA THANA	Barala	Dug well	1.50	22.00	418	75.88	27.75	6.1	5.85	11.1	9.15
1057	W274800075590001	SIKAR	PATAN	PATAN	Dug well	0.68	18.00	418	75.98	27.8	13.9	13.74	8.34	9.62
1058	W273445075110001	SIKAR	PIPRALI	GOKALPURA	Piezometer	1.70	90.10	451	75.18	27.58	64.45	64.78	63.25	65.15
1059	W273300075151401	SIKAR	PIPRALI	Goriya	Piezometer	1.00	83.00	451	75.25	27.55	33.6	33.92	32.4	33.66
1060	W273700075060002	SIKAR	PIPRALI	Nani	Piezometer	1.00	131.00	421	75.1	27.62	61.7	58.99	57.58	58.65
1061	W272943075211701	SIKAR	PIPRALI	PALSANA	Piezometer	1.01	62.00	492	75.35	27.5	48.09	48.09	46.78	44.94
1062	W273828075150003	SIKAR	PIPRALI	Piprali Pz	Piezometer	0.60	100.00	478	75.25	27.64	68.85	70.59	70.27	70.55
1063	W272503075490001	SIKAR	SRIMADHOPUR	Ajitgarh	Piezometer	0.95	92.90	531	75.82	27.42	43.85	48.82	48.8	48.88
1064	W272550075423701	SIKAR	SRIMADHOPUR	Nathusar	Piezometer	1.00	66.00	482	75.71	27.43	52.15	51.08	51.6	51.75
1065	W271330076153001	SIROHI	ABU ROAD	GHATA MORDI	Dug well	0.62	19.00	437	72.77	24.42	0	0	15.73	0
1066	W275548076292401	SIROHI	ABU ROAD	JASAI	Piezometer	1.00	99.00	295	72.68	24.48	0	0	35.9	0
1067	W243016072453301	SIROHI	ABU ROAD	Manpur2	Piezometer	0.74	150.00	250	72.76	24.5	13.67	3.97	5.17	6.97
1068	W242500072460002	SIROHI	ABU ROAD	SIYANA	Dug well	0.42	11.08	264	72.77	24.42	10.18	6.28	7.19	7.78
1069	W243930072561001	SIROHI	PINDWARA	SARUPGANJ	Dug well	1.22	25.00	334	72.94	24.66	22.48	5.48	0	0
1070	W245029072591501	SIROHI	PINDWARA	VIRWARA	Dug well	1.15	19.55	403	72.99	24.84	16.05	4.65	3.75	5.4
1071	W243800072390001	SIROHI	REODAR	Anadara	Piezometer	1.00	150.00	272	72.65	24.63	19.8	17.9	16.91	17.2
1072	W244030072403001	SIROHI	REODAR	GULABGANJ	Dug well	1.01	22.00	287	72.68	24.67	16.49	10.49	0	0
1073	W243820072293001	SIROHI	REODAR	JIRAWAL	Dug well	0.94	30.00	257	72.49	24.64	14.86	5.81	6.86	8.27
1074	W243800072320001	SIROHI	REODAR	Reodar	Piezometer	1.00	150.00	256	72.53	24.63	20.1	14.65	14.8	16.88
1075	W245720072533001	SIROHI	SHEOGANJ	AMBESHWARI	Dug well	0.07	25.43	279	72.89	24.96	5.83	1.53	2.33	3.16
1076	W250055072553001	SIROHI	SHEOGANJ	Palri M	Dug well	1.00	48.00	260	72.93	25.02	43.8	39.3	40.87	43.8
1077	W250505072580001	SIROHI	SHEOGANJ	Posaliya	Piezometer	1.10	150.00	253	72.97	25.08	33.4	21.8	20.42	27.84
1078	W245943072430001	SIROHI	SIROHI	BARLOT	Dug well	1.03	35.00	230	72.72	25	28.67	21.32	30.25	0
1079	W245530072411501	SIROHI	SIROHI	KALANDRI	Dug well	0.52	18.00	262	72.69	24.92	16.08	7.78	8.2	11.08
1080	W245300072520001	SIROHI	SIROHI	SIROHI	Dug well	1.39	27.26	319	72.87	24.88	16.41	14.41	6.31	8.51
1081	W255300075340001	TONK	DEOLI	BANTHOLI	Dug well	0.50	14.00	299	75.57	25.88	10.8	9.85	8.2	9.95
1082	W255345075500001	TONK	DEOLI	Nagar1	Dug well	0.50	15.00	297	75.83	25.9	9.3	0.8	1.2	1.7
1083	W255150075165001	TONK	DEOLI	RAMTHALA	Dug well	0.99	10.00	315	75.28	25.86	3.81	6.81	6.85	1.76
1084	W255400075350801	TONK	DEOLI	Sirohi2	Piezometer	1.00	173.50	308	75.59	25.9	5.2	2.1	0	0
1085	W261418075111501	TONK	MALPURA	DEWAL1	Dug well	0.50	10.00	339	75.19	26.24	6.9	5.4	4.32	4.73
1086	W262431075295101	TONK	MALPURA	JAISINGHPUR	Dug well	0.95	10.85	315	75.5	26.41	5.95	1.35	1.75	2.95
1087	W261700075230001	TONK	MALPURA	MALPURA1	Dug well	0.00	16.18	327	75.38	26.28	11.2	4.45	5.15	6.35
1088	W262200075560001	TONK	NIWAI	NIWAI1	Dug well	1.05	40.00	321	75.93	26.37	33.45	14.23	16.05	17.35
1089	W260121075292001	TONK	TODARAISINGH	TODARAISINGH1	Dug well	1.40	16.14	391	75.49	26.02	2.7	1.8	1.85	2.65
1090	W260330075483001	TONK	TONK	ARNIYALMAL	Dug well	0.30	11.70	291	75.81	26.06	11.1	3.45	3.8	6.1
1091	W260330075523001	TONK	TONK	Ghans	Piezometer	1.00	196.80	274	75.88	26.06	7.4	3.65	3.5	4.8
1092	W255955075410001	TONK	TONK	MAHUVA	Dug well	0.81	9.00	283	75.68	26	8.39	4.69	4.29	6.39
1093	W260639075433002	TONK	TONK	Mehndwas	Dug well	0.46	20.00	290	75.72	26.11	15.8	15.8	16	13.05
1094	W260530075500001	TONK	TONK	Rustamganj	Piezometer	0.00	160.40	284	75.83	26.09	8.9	2.2	1.88	2
1095	W261430075510001	TONK	TONK	SOHELA	Dug well	0.20	16.61	268	75.85	26.24	12.25	1.25	1.9	2.8
1096	W255800076044201	TONK	UNIARA	ALIGARH	Dug well	0.00	31.00	272	76.08	25.97	29.79	1.47	19.7	20.19
1097	W255830075575801	TONK	UNIARA	DIKOLIYA	Dug well	0.00	14.00	280	75.97	25.98	8.63	1.43	1.63	2.18
1098	W260227075532001	TONK	UNIARA	NAYAGAON	Dug well	0.69	11.11	280	75.89	26.04	6.91	3.06	1.41	1.71
1099	W255330076104501	TONK	UNIARA	Sop1	Piezometer	0.63	150.00	262	76.18	25.89	35.2	3.15	3.2	3.25
1100	W244200073450002	UDAIPUR	BARGAON	CHIRWA	Piezometer	0.50	125.75	717	73.75	24.7	9.3	0.1	1.9	2.65
1101	W244635073375901	UDAIPUR	BARGAON	SRIMALI KI KARIA	Dug well	0.95	20.34	895	73.63	24.78	14.45	6.95	1.3	0.67
1102	W280130075294701	UDAIPUR	BHINDAR	BADAGAON	Piezometer	1.10	107.30	360	73.92	24.55	0	0	0	54.6
1103	W264847074352801	UDAIPUR	BHINDAR	Bagot_DW	Dug well	0.50	46.30	424.694	74.17	24.51	0	0	0	39.8
1104	W243700074004601	UDAIPUR	BHINDAR	BHATEWAR	Dug well	1.16	22.00	493	74.01	24.62	9.39	0.24	1.01	6.28
1105	W243023074100101	UDAIPUR	BHINDAR	BHINDER	Dug well	0.20	17.72	488	74.17	24.51	20	5.15	16.85	11.62
1106	W243027074100001	UDAIPUR	BHINDAR	Bhinder_Pz	Piezometer	1.15	150.00	488	74.17	24.51	9.6	3.95	6.15	7.44
1107	W271630076430001	UDAIPUR	BHINDAR	Doroli	Dug well	0.10	55.00	261	74.27	24.43	0	0	57	0
1108	W243248073552101	UDAIPUR	BHINDAR	HARIYAB	Dug well	0.27	20.00	520	73.92	24.55	14.38	4.73	3.83	9.27
1109	W242600074160001	UDAIPUR	BHINDAR	KANOD	Dug well	1.50	14.20	471	74.27	24.43	9	6.05	3.5	3.39
1110	W265510073093901	UDAIPUR	BHINDAR	KHABANIA	Piezometer	0.50	200.00	305	74.17	24.51	0	0	0	83.7
1111	W243447074033301	UDAIPUR	BHINDAR	KHERODA	Dug well	0.50	33.00	477	74.06	24.58	26.05	18.9	20.7	15.25
1112	W261746072465401	UDAIPUR	GIRWA	HEM NAGAR	Piezometer	0.50	200.00	202	73.61	24.5	0	0	0	35.6
1113	W264451073200101	UDAIPUR	GIRWA	KAJNAU KALLAN	Piezometer	0.50	200.00	315	73.71	24.51	0	0	0	34.4
1114	W243412073463501	UDAIPUR	GIRWA	KANPUR	Dug well	0.64	15.41	565	73.78	24.57	9.96	0.21	1.11	2.63
1115	W243730073410001	UDAIPUR	GIRWA	Ramgiri(badagaon)	Dug well	0.50	15.50	615	73.68	24.63	14.8	2.8	1.3	3.04
1116	W243021073425001	UDAIPUR	GIRWA	SAVINA	Dug well	0.00	34.00	583	73.71	24.51	5.3	1.25	3.25	2.96

S. No.	Site Id	District	Block	Village	Type of well	MP (m)	Depth (m)	Elevation	Long	Lat	WL_May_2019	WL_Aug_2019	WL_Nov_2019	WL_Jan_2020
1117	W242945073364501	UDAIPUR	GIRWA	UNDRI	Dug well	1.80	10.00	685	73.61	24.5	6.8	2.4	0.6	0.45
1118	W244800073280601	UDAIPUR	GOGUNDA	JASWANTGARH	Dug well	0.00	17.79	837	73.47	24.8	11.4	2.9	5	10.73
1119	W243645073233301	UDAIPUR	GOGUNDA	PADAWALI	Dug well	0.85	9.45	601	73.39	24.61	4.5	2.55	2.8	4.17
1120	W241000074030001	UDAIPUR	JHALARA	DEOLA	Dug well	0.80	8.16	257	74.05	24.17	3.3	1.5	2.6	1.99
1121	W240419074034701	UDAIPUR	JHALARA	KHOLRI	Dug well	0.60	13.22	229	74.06	24.07	5.9	3.2	1.2	1.65
1122	W270854077043501	UDAIPUR	JHALARA	Newada Shallow	Piezometer	1.00	98.00	212	74.06	24.07	0	26.3	26.8	26.92
1123	W275000076560001	UDAIPUR	JHALARA	NIMLI	Dug well	0.35	25.00	304	74.05	24.17	0	8.6	8.9	9.04
1124	W271358072012401	UDAIPUR	KHERWARA	DURGANI	Piezometer	0.50	200.00	251	73.43	24.08	0	115.04	115.05	115.2
1125	W235900073360401	UDAIPUR	KHERWARA	KHERWARA	Dug well	0.59	12.89	517	73.6	23.98	6.66	0.61	4.11	5.63
1126	W264815077255001	UDAIPUR	KHERWARA	KOT1	Dug well	1.45	12.50	216	73.6	23.98	0	7.55	7.65	8.99
1127	W240431073260001	UDAIPUR	KHERWARA	Neecha Talab	Dug well	0.50	10.50	419	73.43	24.08	7.6	1	1.5	2.06
1128	W275510073280701	UDAIPUR	KURAWAR	Kilchoo Sahlotan	Piezometer	0.50	132.00	245	73.99	24.45	0	0	121.28	121.6
1129	W242654073593001	UDAIPUR	KURAWAR	KURABAR	Dug well	0.13	17.21	373	73.99	24.45	14.64	9.77	7.57	8.14
1130	W244500073584201	UDAIPUR	MAVLI	GADOLI	Piezometer	0.00	116.52	540	73.98	24.75	11.65	2.1	1.4	2.55
1131	W244700073590001	UDAIPUR	MAVLI	MAVLI1	Dug well	0.75	24.82	494	73.98	24.78	21.6	15.5	12.05	12.55
1132	W272900075330001	UDAIPUR	PHALASIYA	Dhaliawas	Piezometer	1.00	64.00	480	73.35	24.15	0	63	63	62.3
1133	W240900073210001	UDAIPUR	PHALASIYA	Garanwas	Dug well	1.00	11.80	530	73.35	24.15	5.7	1	0.6	1.29
1134	W241821073231601	UDAIPUR	PHALASIYA	Ghuri Mari	Dug well	0.10	14.80	513	73.39	24.31	10.35	5.8	8.3	8.51
1135	W263314077001901	UDAIPUR	PHALASIYA	Gurba Pahari	Dug well	0.00	30.00	271.57	73.38	24.33	0	0	20.05	0
1136	W242000073223501	UDAIPUR	PHALASIYA	Koliyari	Piezometer	1.00	125.00	556	73.38	24.33	2.3	1.4	2.65	0
1137	W242120073230801	UDAIPUR	PHALASIYA	LUNIYARA	Dug well	0.66	13.00	458	73.39	24.36	9.45	3.24	1.74	2.71
1138	W284700073500001	UDAIPUR	PHALASIYA	MAHAJAN	Dug well	1.55	51.50	199	73.35	24.23	0	34.25	33.7	0
1139	W241459073185701	UDAIPUR	PHALASIYA	MANPUR	Dug well	0.52	10.00	387	73.32	24.25	6.88	4.58	5.63	0
1140	W261646076461101	UDAIPUR	PHALASIYA	SAPOTRA1	Dug well	0.84	27.00	253	73.39	24.31	0	0	13.56	0
1141	W264730075090001	UDAIPUR	PHALASIYA	SIROHIKHURD	Dug well	1.04	16.00	372	73.39	24.36	0	0	7.92	5.26
1142	W232630074220801	UDAIPUR	PHALASIYA	Surwania	Dug well	0.00	7.50	214.382	73.32	24.25	0	0	2.1	1.3
1143	W265345076193002	UDAIPUR	RISHABHDEV	Dausa	Piezometer	0.89	125.50	334	73.76	24	0	14.05	19.9	19.45
1144	W240005073453001	UDAIPUR	RISHABHDEV	KALAYANPURA	Dug well	0.56	6.00	278	73.76	24	3.74	3.14	3.69	4.28
1145	W263843077363801	UDAIPUR	SALUMBAR	BARI1	Dug well	0.90	17.57	208	74.02	24.34	0	0	15.9	0
1146	W241019073590701	UDAIPUR	SALUMBAR	BASSI	Dug well	1.95	8.45	283	73.99	24.17	3.8	0.55	1.05	0.81
1147	W272848077190001	UDAIPUR	SALUMBAR	Deeg	Piezometer	1.00	129.20	181	74.05	24.13	0	1.53	3	2.93
1148	W265536072083001	UDAIPUR	SALUMBAR	DHADHU	Piezometer	0.50	200.00	209	73.96	24.01	0	108.04	109.1	109.2
1149	W242013074010701	UDAIPUR	SALUMBAR	GUREL	Dug well	0.46	16.45	313	74.02	24.34	13.04	4.94	4.64	8.26
1150	W240021073573201	UDAIPUR	SALUMBAR	INTALIKHARA	Piezometer	1.00	116.40	230	73.96	24.01	3.1	4.8	0.15	0.25
1151	W241742074043001	UDAIPUR	SALUMBAR	KHAIRKA	Dug well	0.90	10.00	315	74.07	24.3	4.75	3.8	4.45	1.7
1152	W261232073034801	UDAIPUR	SALUMBAR	KURI1		0.00	0.00	0	74.07	24.3	0	0	4.15	0
1153	W281630073570001	UDAIPUR	SALUMBAR	LODERA	Dug well	2.10	87.92	225	73.99	24.17	0	70.6	68.86	0
1154	W240742074024801	UDAIPUR	SALUMBAR	SALUMBER1	Dug well	0.62	11.58	255	74.05	24.13	10.78	3.28	4.28	4.96
1155	W284010072450001	UDAIPUR	SARADA	6 PB	Piezometer	1.00	137.50	136	73.7	24.19	0	17.6	16.64	16.8
1156	W241300073520001	UDAIPUR	SARADA	DINGRI	Dug well	0.72	7.00	268	73.87	24.22	1.83	0.68	2.28	0.84
1157	W273830072390001	UDAIPUR	SARADA	NOKHRA	Dug well	1.42	92.00	242	73.83	24.15	0	88.65	77.92	87.54
1158	W241136073420001	UDAIPUR	SARADA	PARSHAD	Dug well	0.50	8.20	395	73.7	24.19	7.35	3.35	2.95	3.43
1159	W284200073530001	UDAIPUR	SARADA	Sangrew	Piezometer	1.00	153.00	197	73.87	24.22	0	21.7	21.1	21.95
1160	W240900073500001	UDAIPUR	SARADA	SARADA	Dug well	0.25	17.54	286	73.83	24.15	6.25	7.95	8.25	5.63
1161	W245324073341201	UDAIPUR	SAYRA	KATHAR1	Dug well	0.00	6.80	803	73.57	24.89	3.3	1.6	1.7	1.49
1162	W245241073254501	UDAIPUR	SAYRA	PUNAWALI	Dug well	0.33	18.42	857	73.43	24.88	10.52	4.37	5.12	3.99
1163	W240353073510001	UDAIPUR	SEMARI	SEMARI	Dug well	0.60	7.03	288	73.85	24.06	5.5	1.5	1.84	5.82
1164	W270705076193901	UDAIPUR	SEMARI	Todi Ka Bas	Dug well	0.59	30.00	349	73.85	24.06	0	15.13	15.56	15.83

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W260200075060001	AJMER	SARWAR	AJAGARA	Dug	75.10	26.03	0.73	8.17	352	4.61	2.91	3.04	2.95	4.57	3.27	2.47	2.14	-0.04	0.36	-0.57	-0.81
W260442074223401	AJMER	MASOODA	Andheri Devi	Pz	74.38	26.08	1.00	23.00	490	15.18	7.39	6.35	9.14	15.70	14.05	5.69	2.80	0.53	6.66	-0.66	-6.34
W262700075040001	AJMER	ARIAN	ARIAN	Dug	75.07	26.45	0.23	21.30	372	4.36	4.91	3.90	4.38	4.37	3.52	3.87	2.67	0.01	-1.39	-0.03	-1.71
W255430074120001	AJMER	JAWAJA	BAGLIAS	Dug	74.20	25.91	0.30	9.94	567	7.11	4.84	4.79	5.60	7.80	7.60	6.73	3.40	0.69	2.76	1.94	-2.20
W261245075021001	AJMER	ARAIN	Barora	Dug	75.04	26.21	0.36	18.00	372	6.58	5.79	4.02	0.00	12.24	10.84	2.92	0.00	5.66	5.05	-1.10	0.00
W255324075140001	AJMER	KEKRI	BOGLA	Dug	75.23	25.89	0.68	10.07	331	6.36	4.60	4.19	4.71	8.12	8.02	1.77	1.57	1.76	3.42	-2.42	-3.14
W262107075060001	AJMER	ARAIN	DASUK	Dug	75.10	26.35	1.55	12.50	374	8.06	6.55	5.82	7.16	5.20	4.35	2.34	6.85	-2.86	-2.20	-3.48	-0.31
W255942074265801	AJMER	MASOODA	Daultpura	PZ	74.45	26.00	0.50	197.40	460	0.00	13.33	12.12	0.00	0.00	35.20	17.15	0.00	0.00	21.87	5.03	0.00
W260745074554001	AJMER	SARWAR	Goelo	Dug	74.93	26.13	0.53	12.17	366	7.35	5.43	5.52	6.60	9.87	9.67	3.71	2.87	2.52	4.24	-1.81	-3.73
W260230074424801	AJMER	BHINAY	Gopalpura	PZ	74.71	26.04	0.80	20.00	473	14.03	11.15	13.61	14.62	17.60	14.95	5.91	5.95	3.58	3.80	-7.70	-8.67
W255600074120001	AJMER	JAWAJA	JAWAJA1	Dug	74.20	25.93	0.60	17.30	490	10.10	6.47	6.15	7.88	9.45	9.00	2.28	2.40	-0.65	2.53	-3.87	-5.48
W260130074393001	AJMER	BHINAY	JHOPADIYAN	Dug	74.66	26.03	1.05	19.70	432	15.79	11.64	10.78	11.36	16.85	14.90	6.91	6.05	1.06	3.26	-3.87	-5.31
W262400074520001	AJMER	SHRINAGAR	KANPURA1	Dug	74.87	26.40	0.40	10.00	409	7.30	5.84	5.87	6.30	5.70	5.50	1.50	2.17	-1.60	-0.34	-4.37	-4.13
W255900075090001	AJMER	KEKRI	KEKRI1	Dug	75.15	25.98	1.16	14.39	361	0.00	1.87	1.69	0.00	0.00	11.89	5.18	0.00	0.00	10.02	3.49	0.00
W261400074293001	AJMER	PEESANGAN	LAMANA	Dug	74.49	26.23	0.11	16.00	452	12.29	10.63	10.91	11.36	14.04	11.89	6.50	4.04	1.76	1.26	-4.41	-7.32
W255950074350001	AJMER	MASOODA	LUDIYANA	Dug	74.58	26.00	0.67	15.00	413	12.82	11.90	11.22	11.33	13.08	12.18	5.63	7.93	0.26	0.28	-5.59	-3.40
W260712074221201	AJMER	JAWAJA	MAIDAYABADAYA	Dug	74.37	26.12	0.33	14.57	486	5.39	3.47	3.09	3.71	4.27	3.97	2.69	1.71	-1.12	0.50	-0.40	-2.00
W261637074302901	AJMER	PEESANGAN	Mangaliyawas	Dug	74.51	26.28	0.00	22.10	437.57	12.40	11.50	13.90	14.30	17.40	14.60	5.26	5.80	5.00	3.10	-8.64	-8.50
W260530074304501	AJMER	MASOODA	MASUDA1	Dug	74.51	26.09	0.53	17.84	441	11.75	8.33	7.78	8.97	12.37	9.92	2.19	2.67	0.62	1.59	-5.59	-6.30
W261830074554001	AJMER	SHRINAGAR	Morajhari	PZ	74.93	26.31	1.00	150.00	382	0.00	0.00	0.00	6.84	0.00	0.00	0.00	4.50	0.00	0.00	0.00	-2.34
W255633075105701	AJMER	KEKRI	Nai Khera	Dug	75.18	25.94	0.75	18.00	345	0.00	0.00	10.75	15.15	0.00	0.00	2.75	3.95	0.00	0.00	-8.00	-11.20
W260300074170001	AJMER	JAWAJA	NARBADKHERA	Dug	74.28	26.05	1.00	29.00	463	14.16	10.93	10.71	11.60	12.70	10.75	1.79	5.80	-1.46	-0.18	-8.92	-5.80
W261712074442501	AJMER	PEESANGAN	NASIRABAD	Dug	74.74	26.29	0.50	20.87	425	5.55	2.38	1.35	1.96	5.70	5.40	4.10	4.45	0.15	3.03	2.75	2.49
W261558074370301	AJMER	PEESANGAN	Pachmata	Pz	74.62	26.27	1.00	100.00	460	0.00	0.00	17.32	15.60	0.00	0.00	8.67	8.30	0.00	0.00	-8.65	-7.30
W260517074235701	AJMER	MASOODA	PAKHRIAWAS	Dug	74.40	26.09	0.00	16.55	527	10.39	11.52	9.17	10.29	14.40	12.90	2.34	6.24	4.01	1.38	-6.83	-4.05
W255800074275101	AJMER	MASOODA	Ramgarh2	PZ	74.46	25.97	1.00	150.00	148	28.60	20.90	25.15	24.38	26.00	24.10	15.93	24.80	-2.60	3.20	-9.22	0.42
W261600074513001	AJMER	SHRINAGAR	RAMSAR2	Dug	74.86	26.27	1.20	14.10	395	8.31	5.38	5.37	5.87	8.70	6.40	2.30	2.58	0.39	1.02	-3.07	-3.29
W255440075023001	AJMER	SARWAR	SANPLA	Dug	75.04	25.91	0.70	10.35	359	7.92	4.81	5.30	5.62	8.40	7.55	3.96	2.90	0.48	2.74	-1.34	-2.72
W260300075000001	AJMER	SARWAR	SARWAD	Dug	75.00	26.05	0.00	7.50	364	3.92	3.87	2.87	3.68	4.10	4.00	2.72	2.75	0.18	0.13	-0.15	-0.93
W262147074370001	AJMER	PEESANGAN	TABIJI	Dug	74.62	26.36	0.29	22.36	457	0.00	0.00	5.71	6.34	0.00	0.00	3.94	7.06	0.00	0.00	-1.77	0.72
W255300074090001	AJMER	JAWAJA	TARAGARH	Dug	74.15	25.88	0.90	19.29	524	5.97	2.61	2.09	2.18	4.00	3.20	0.11	1.20	-1.97	0.59	-1.98	-0.98
W263905074561001	AJMER	KISHANGARH	Tiloniya	PZ	74.94	26.65	1.00	150.00	440	23.35	19.20	18.45	20.54	28.18	23.70	4.30	4.80	4.83	4.51	-14.15	-15.74
W274852076272601	ALWAR	BANSUR	Alanpur	PZ	76.46	27.81	1.00	93.60	331	31.77	32.70	32.59	31.56	45.20	42.60	40.75	41.29	13.43	9.90	8.16	9.73
W274130076212001	ALWAR	BANSUR	BANSUR	PZ	76.36	27.69	1.05	65.54	366	27.14	26.69	25.96	27.52	38.75	34.59	34.45	33.84	11.61	7.90	8.49	6.32
W272630076313001	ALWAR	UMREN	Baran1	Dug	76.53	27.44	0.65	20.00	277	13.83	12.81	13.04	0.00	13.45	8.93	8.10	0.00	-0.38	-3.88	-4.94	0.00
W275300076170001	ALWAR	BEHROR	BEHROR	PZ	76.28	27.88	1.05	95.09	322	68.94	68.24	69.29	73.52	91.65	87.75	88.55	88.27	22.71	19.51	19.26	14.75
W275630076183001	ALWAR	BEHROR	Bhituda	PZ	76.31	27.94	1.00	100.20	311	75.61	76.49	76.48	76.56	91.80	88.70	89.15	89.06	16.19	12.21	12.67	12.50
W275159076474401	ALWAR	KISHANGARH BAS	BOLNI	PZ	76.80	27.87	1.00	142.04	258	23.23	22.69	22.50	22.91	23.70	22.17	23.15	22.94	0.47	-0.52	0.65	0.03
W274200076362002	ALWAR	UMREN	Dalalpur	PZ	76.61	27.70	1.00	130.00	301	0.00	0.00	80.75	0.00	0.00	0.00	80.10	0.00	0.00	0.00	-0.65	0.00
W271630076430001	ALWAR	RENI	Doroli	Dug	76.72	27.28	0.10	55.00	261	0.00	0.00	51.66	0.00	0.00	0.00	57.00	0.00	0.00	0.00	5.35	0.00
W271418076331801	ALWAR	RAIGARH	Doulatpura	PZ	76.56	27.24	1.10	80.00	305	27.29	24.02	23.85	24.20	29.10	23.00	25.90	25.60	1.81	-1.02	2.05	1.40
W271230076473001	ALWAR	RENI	GADI SWAIRAM	Dug	76.79	27.21	0.45	32.25	269	21.31	19.47	17.58	17.90	32.65	7.35	11.70	7.82	11.34	-12.12	-5.88	-10.08
W274700076301501	ALWAR	MANDAWAR	GANGWALI DHANI	PZ	76.50	27.78	1.00	74.08	339	45.71	45.01	45.33	46.87	55.80	53.83	54.05	55.11	10.09	8.82	8.72	8.24
W271330076153001	ALWAR	THANAGAZI	GHATA MORDI	Dug	76.26	27.23	0.62	19.00	437	0.00	0.00	11.67	0.00	0.00	0.00	15.73	0.00	0.00	0.00	4.06	0.00
W273035076959801	ALWAR	LAXMANGARH	Govindgarh-Pz	PZ	77.00	27.51	1.00	50.00	217	25.20	24.83	28.65	25.74	30.30	27.60	28.80	28.54	5.10	2.77	0.15	2.80
W275200076370002	ALWAR	KOTKASIM	HARSAULI	PZ	76.62	27.87	1.00	86.64	285	25.73	0.00	26.42	0.00	40.10	0.00	36.40	0.00	14.37	0.00	9.98	0.00
W273800076200001	ALWAR	BANSUR	Holawas	PZ	76.33	27.63	1.00	150.00	383	29.47	28.55	28.91	29.82	44.00	42.28	42.75	43.96	14.53	13.73	13.84	14.15
W275857076243001	ALWAR	NEEMRANA	Janak Singh Pura	PZ	76.41	27.98	1.00	53.90	533	38.54	36.08	35.43	37.72	47.60	44.77	47.60	46.07	9.06	8.69	12.18	8.35
W275934076231501	ALWAR	NEEMRANA	Japanesee Zone	PZ	76.39	27.99	1.00	107.70	334	47.37	46.36	48.45	55.62	59.24	56.19	57.20	57.87	11.87	9.83	8.75	2.25
W275548076292401	ALWAR	MANDAWAR	JASAI	PZ	76.49	27.93	1.00	99.00	295	0.00	0.00	30.51	0.00	0.00	0.00	35.90	0.00	0.00	0.00	5.39	0.00
W271515076495601	ALWAR	LAXMANGARH	JHALADALA	Dug	76.83	27.25	0.65	45.00	259	33.39	0.00	32.52	0.00	28.15	0.00	32.50	0.00	-5.24	0.00	-0.02	0.00
W280345076214501	ALWAR	NEEMRANA	KANHAWAS	PZ	76.36	28.06	0.99	129.00	305	54.69	52.32	53.23	54.31	75.21	68.12	68.21	68.39	20.52	15.80	14.98	14.08
W274912076440001	ALWAR	KISHANGARH BAS	KISHANGARH BAS1	PZ	76.73	27.82	0.78	76.65	308	36.84	36.83	35.69	36.65	50.92	53.14	53.12	53.92	14.08	16.31	17.44	17.27
W272100076513501	ALWAR	LAXMANGARH	LACHMANGARH	Dug	76.86	27.35	0.72	14.00	228	7.90	7.08	6.76	7.34	12.98	10.08	10.23	9.78	5.08	3.00	3.47	2.44
W275950076190001	ALWAR	NEEMRANA	Majri Khurd	PZ	76.32	28.00	1.00	84.60	388	27.58	27.02	27.80	27.98	29.10	27.90	28.00	28.74	1.52	0.88	0.20	0.76
W27500076560001	ALWAR	TIJARA	NIMLI	Dug	76.93	27.83	0.35	25.00	304	0.00	12.31	13.42	11.42	0.00	8.60	8.90	9.04	0.00	-3.71	-4.	

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20	
W234007074302001	BANSWARA	GHATOL	Bhoongra	Dug	74.51	23.67	0.55	10.81	234	7.65	4.07	4.59	4.97	9.55	2.90	4.45	6.07	1.90	-1.17	-0.14	1.10	
W231330074183601	BANSWARA	SAJIANGARH	Bhura Kua	Dug	74.31	23.23	0.00	10.50	250	7.62	1.73	2.46	2.91	9.70	1.25	2.40	2.32	2.08	-0.48	-0.06	-0.59	
W231937074214201	BANSWARA	SAJIANGARH	Bilari	Dug	74.36	23.33	1.00	9.80	241	6.92	0.99	2.22	2.73	6.10	0.80	0.80	5.01	0.82	-0.19	-1.42	2.28	
W233430074070001	BANSWARA	ARTHOONA	Borigoan	PZ	74.12	23.58	1.00	150.00	150	7.75	2.65	4.57	3.74	9.05	1.40	1.70	2.88	1.30	-1.25	-2.87	-0.86	
W233033074230401	BANSWARA	TALWARA	Borwat	PZ	74.38	23.51	1.00	40.00	197	4.78	2.14	2.41	2.43	5.10	2.20	3.35	2.34	0.32	0.06	0.94	-0.09	
W234000074194801	BANSWARA	GHATOL	Chanduli Ka Guda	Dug	74.33	23.67	0.61	3.90	170	0.00	0.98	1.66	1.01	0.00	1.19	1.67	1.84	0.00	0.21	0.01	0.83	
W234000074194301	BANSWARA	GHATOL	Chanduli Ka Guda_Pz	PZ	74.33	23.67	1.00	150.00	170	0.00	0.83	1.28	1.32	0.00	0.60	1.05	1.00	0.00	-0.23	-0.23	-0.32	
W231846074224701	BANSWARA	KUSHALGARH	Charakni	Dug	74.38	23.31	1.00	8.20	241	0.00	1.75	3.03	4.33	0.00	1.60	2.40	5.94	0.00	-0.15	-0.63	1.61	
W232600074033101	BANSWARA	ANANDPURI	CHHAJA	PZ	74.06	23.43	1.00	150.00	134	13.26	2.05	6.35	8.92	16.48	0.70	1.25	9.60	3.22	-1.35	-5.10	0.68	
W231800074190001	BANSWARA	SAJIANGARH	Chhinch	PZ	74.32	23.30	1.00	150.00	238	2.34	0.60	1.02	0.90	1.50	0.25	1.20	0.42	-0.84	-0.35	0.18	-0.48	
W231311074350001	BANSWARA	KUSHALGARH	Chhoti Sarwa	PZ	74.58	23.22	1.00	150.00	340	10.23	1.20	3.28	7.76	14.42	0.60	2.10	11.51	4.19	-0.60	-1.18	3.75	
W233033074223901	BANSWARA	TALWARA	Chiryawasa	Dug	74.38	23.51	1.00	11.50	197	6.22	1.94	2.25	2.15	4.30	2.15	3.00	1.35	-1.92	0.21	0.75	-0.80	
W231020074172501	BANSWARA	SAJIANGARH	CHOTA DUNGRA	Dug	74.29	23.17	0.07	9.80	258	7.59	3.12	3.52	3.92	6.78	1.33	2.83	4.11	-0.81	-1.79	-0.69	0.19	
W233327074360401	BANSWARA	CHHOTISARVAN	Danakshari	Dug	74.60	23.56	1.00	10.00	289	0.00	1.69	2.39	4.10	0.00	2.20	2.30	4.29	0.00	0.51	-0.09	0.19	
W233100074430001	BANSWARA	CHHOTISARVAN	Danpur	Dug	74.72	23.52	0.45	12.00	374	8.59	1.59	2.06	3.77	8.75	2.25	5.65	5.97	0.16	0.66	3.59	2.20	
W235150074273001	BANSWARA	GHATOL	DUNGARIA	Dug	74.46	23.86	1.50	17.00	195	11.04	4.21	5.98	5.29	10.65	3.80	7.70	7.60	-0.39	-0.41	1.72	2.31	
W234600074151001	BANSWARA	GHATOL	GANORA	Dug	74.25	23.77	1.56	9.74	170	3.88	0.87	1.67	1.23	3.84	0.36	1.29	0.04	-0.04	-0.51	-0.38	-1.19	
W233524074103001	BANSWARA	GARHI	GARHI PARTAPURA	Dug	74.18	23.59	1.00	17.15	152	12.50	6.46	6.75	6.80	11.95	1.55	0.90	1.92	-0.55	-4.91	-5.85	-4.88	
W231235074285301	BANSWARA	KUSHALGARH	Kalakhet Pz	PZ	74.48	23.21	1.00	100.00	311	0.00	0.00	3.30	0.00	0.00	0.00	2.60	0.00	0.00	0.00	-0.70	0.00	
W233210074370001	BANSWARA	CHHOTISARVAN	Katumbi Dw	Dug	74.62	23.54	0.80	10.00	343	7.48	1.34	2.77	4.60	7.35	1.60	1.50	4.74	-0.13	0.26	-1.27	0.14	
W233700074303001	BANSWARA	BANSWARA	Khera Dahar	Dug	74.51	23.62	0.00	11.00	249	0.00	2.43	3.29	5.29	0.00	2.60	3.20	1.60	0.00	0.17	-0.09	-3.69	
W232716074043001	BANSWARA	ARTHOONA	Kotra1	PZ	74.08	23.45	1.00	150.00	162	12.11	3.73	5.30	7.86	12.00	1.67	1.97	4.45	5.00	-1.00	-2.06	-3.33	-3.41
W231200074270002	BANSWARA	KUSHALGARH	KUSALGARH	Dug	74.45	23.20	1.23	8.52	297	4.91	0.90	2.14	2.68	6.67	1.07	1.57	2.21	1.76	0.17	-0.57	-0.47	
W231200074270701	BANSWARA	KUSHALGARH	Kusalgarh_Pz	PZ	74.45	23.20	1.00	150.00	300	6.83	2.04	3.26	4.24	8.11	1.55	3.60	4.30	1.28	-0.49	0.34	0.06	
W235340074263501	BANSWARA	GHATOL	NARWALI	Dug	74.44	23.89	0.65	6.00	184	5.33	1.45	2.49	2.39	7.90	1.10	1.95	3.87	2.57	-0.35	-0.54	1.49	
W233210074311001	BANSWARA	BANSWARA	Padla Barora	Dug	74.52	23.54	0.90	12.50	263	7.89	0.55	1.38	2.90	7.80	1.50	1.50	4.97	-0.09	0.95	0.12	2.07	
W233053074101201	BANSWARA	ARTHOONA	Raiyana	Dug	74.17	23.51	0.00	8.00	175.925	6.70	5.20	5.30	5.65	6.82	3.20	3.85	4.03	0.12	-2.00	-1.45	-1.62	
W232206074164501	BANSWARA	BAGIDORA	RAKHO	Dug	74.28	23.37	0.81	13.63	222	0.00	1.30	1.97	2.70	0.00	1.89	0.99	1.39	0.00	0.59	-0.98	-1.31	
W235340074263502	BANSWARA	GHATOL	Rathor Ki Phadoli	Dug	74.44	23.89	1.00	9.50	184	6.55	1.72	2.98	0.00	5.20	1.20	1.95	0.00	-1.35	-0.52	-1.03	0.00	
W234700074290401	BANSWARA	GHATOL	Sadri	Dug	74.48	23.78	0.85	10.00	239	5.00	0.62	1.76	3.23	4.75	0.35	2.55	2.95	-0.55	-0.27	0.79	-0.28	
W231552074255501	BANSWARA	KUSHALGARH	Saran	Dug	74.43	23.26	1.00	10.00	291	5.37	1.09	1.46	2.34	6.22	0.80	1.30	2.17	0.85	-0.29	-0.16	-0.17	
W233922074232301	BANSWARA	GHATOL	SENWASA	Dug	74.39	23.66	0.73	11.90	195	6.55	3.78	5.12	5.63	5.77	3.37	5.17	3.37	-0.78	-0.41	0.05	-2.26	
W232900074220001	BANSWARA	TALWARA	Sera Pada Sandoh	PZ	74.37	23.48	1.00	150.00	197	3.95	0.00	2.71	2.37	6.11	0.00	1.60	1.10	2.16	0.00	-1.11	-1.27	
W232630074220801	BANSWARA	BANSWARA	Surwania	Dug	74.37	23.44	0.00	7.50	214.382	0.00	0.00	1.85	3.03	0.00	0.00	2.10	1.30	0.00	0.00	0.25	-1.73	
W233700074170001	BANSWARA	GARHI	Wajwana	PZ	74.28	23.62	1.00	150.00	167	0.00	2.47	3.59	5.75	0.00	3.40	2.90	5.11	0.00	0.93	-0.69	-0.64	
W250930076180001	BARAN	ANTAH	ANTA1	Dug	76.30	25.16	0.44	8.00	249	6.55	2.10	3.89	4.03	6.76	2.66	1.76	2.66	0.21	0.56	-2.13	-1.37	
W245127076394001	BARAN	ATRU1	ATRU1	Dug	76.66	24.86	0.81	11.12	284	5.76	0.68	3.80	4.92	5.89	3.09	1.34	2.39	0.13	2.41	-2.46	-2.53	
W245930076283001	BARAN	BANLA	BANLA	Dug	76.48	24.99	0.90	10.87	276	5.98	3.72	0.00	5.40	4.62	1.55	0.00	3.30	-1.36	-2.17	0.00	-2.10	
W250500076420001	BARAN	KISHANGANJ	Banthoni	PZ	76.70	25.08	1.00	150.00	276	8.81	0.00	0.00	0.00	8.30	0.00	0.00	0.00	-0.51	0.00	0.00	0.00	
W250600076311201	BARAN	BARAN	Baran	Dug	76.52	25.10	1.00	20.00	259	8.17	0.10	4.60	7.13	10.40	4.70	0.85	2.00	2.23	4.60	-3.75	-5.13	
W250529076473701	BARAN	KISHANGANJ	BHANWARGARH	Dug	76.79	25.09	0.76	13.70	321	3.15	1.04	2.51	1.45	2.64	1.44	0.94	1.19	-0.51	0.40	-1.57	-0.26	
W251510076301501	BARAN	ANTAH	BOHAT	Dug	76.50	25.25	0.68	11.00	241	0.00	6.09	6.62	7.13	0.00	1.57	3.97	6.82	0.00	-4.52	-2.65	-0.31	
W244004076503601	BARAN	CHHABRA	Chhabra_GWD	Pz	76.84	24.67	0.00	50.00	348.254	9.57	11.60	17.50	0.00	28.00	24.60	8.20	0.00	18.43	13.00	-9.30	0.00	
W243539076435601	BARAN	CHHIPABAROD	CHHIPA BAROD	Dug	76.73	24.59	0.92	15.00	334	9.81	4.59	9.02	9.76	9.68	7.08	5.53	7.38	-0.13	2.49	-3.49	-2.38	
W242610076420001	BARAN	CHHIPABAROD	HARNAUDA	Dug	76.70	24.44	0.58	11.00	330	8.51	3.01	5.38	7.77	8.82	4.62	4.22	5.32	0.31	1.61	-1.16	-2.45	
W244454076443001	BARAN	ATRU1	KANWAI	Dug	76.74	24.75	0.41	9.00	310	7.06	2.18	6.57	7.17	7.24	3.59	4.29	4.84	0.18	1.41	-2.28	-2.33	
W251230077213001	BARAN	SHAHBAD	Kasba Thana	Dug	77.36	25.21	0.30	10.90	392	6.36	3.38	4.61	5.23	6.10	1.70	4.50	5.85	-0.26	-1.68	-0.11	0.62	
W250800076540001	BARAN	SHAHBAD	KELWARA1	Dug	76.90	25.13	0.80	5.00	363	3.18	0.94	2.48	3.17	3.90	1.85	0.90	3.30	0.72	0.91	-1.58	0.13	
W250630076390001	BARAN	KISHANGANJ	KISHANGANJ1	Dug	76.65	25.11	0.89	14.50	257	10.38	1.39	4.87	9.29	10.66	1.96	2.76	3.21	0.29	0.57	-2.11	-6.08	
W251116077062001	BARAN	SHAHBAD	MAMONI	Dug	77.11	25.19	0.50	11.00	475	9.27	3.20	4.36	6.15	11.42	0.62	1.12	4.52	2.15	-2.58	-3.24	-1.63	
W251930076304501	BARAN	ANTAH	MANGROL	Dug	76.51	25.33	0.57	8.81	238	5.79	3.50	4.47	4.11	6.28	1.23	3.13	3.88	0.49	-2.27	-1.34	-0.23	
W251548077154801	BARAN	SHAHBAD	PAJAL TORI	Dug	77.26	25.26	0.50	13.20	315	9.75	3.01	5.07	6.65	12.60	2.72	2.35	4.20	2.85	-0.29	-2.72	-2.45	
W242900076360001	BARAN	CHHIPABAROD	SARTHAL	Dug	76.60	24.48	0.30	8.00	311	4.41	1.46	2.74	3.35	4.20	1.30	1.75	2.60	-0.21	-0.16	-0.99	-0.75	
W251500077080001	BARAN	SHAHBAD	SHAHABAD1	Dug	77.13	25.25	1.07	7.30	470	5.12	2.09	3.24	3.81	4.13	1.63	2.07	3.53	-0.99	-0.46	-1.17	-0.28	
W251801076194501	BARAN	ANTAH	UDPURIA	Dug	76.33	25.30	0.65	6.87	240	5.29	2.21	3.10	3.60	5.30	0.75	4.05	3.30	3.01	-1.46	0.95	-0.30	
W252800071580301	BARMER	SINDHARI	ARNIYALI	PZ	71.97	25.47	0.75	64.00	90	31.78	30.09	29.57	37.25	38.35	38.35	38.83	39.00	6.57	8.26	9.26	1.76	
W255136071451501	BARMER	BAYTOO	BAITU1	Dug	71.75	25.86	1.38	41.52	156	34.83	34.51	33.56	34.95	32.50								

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W262018071332001	BARMER	SHEO	GUJRO KA BERA	PZ	71.56	26.34	1.00	213.00	242	79.37	79.12	79.62	79.55	88.50	88.95	88.95	89.10	9.13	9.83	9.33	9.55
W253248071235501	BARMER	BARMER	HATHITALA	Dug	71.40	25.55	0.80	54.17	139	50.11	50.17	50.29	50.30	50.40	51.60	51.36	52.29	0.29	1.43	1.07	1.99
W260105070493801	BARMER	GADRAROAD	Jansingh Ki Beri	Dug	70.83	26.02	1.78	16.22	254	6.10	5.56	6.17	5.78	8.20	7.39	8.32	8.72	2.10	1.83	2.15	2.95
W254057071123901	BARMER	BARMER	JASAI	Dug	71.21	25.68	1.41	25.00	232	17.39	16.39	16.23	17.49	19.89	20.04	21.89	18.42	2.50	3.65	5.66	0.93
W260939071243001	BARMER	BAYTOO	Jhak Pz	PZ	71.58	26.16	1.00	120.00	228	54.50	56.00	55.29	55.54	56.40	56.30	56.52	56.75	1.90	0.30	1.23	1.22
W254650072351501	BARMER	SAMDARI	KARMAWAS	PZ	72.59	25.78	1.00	58.00	139	6.69	6.47	6.42	5.98	4.20	3.25	3.10	4.10	-2.49	-3.22	-3.32	-1.88
W261535071362001	BARMER	SHEO	KASHMIR	PZ	71.61	26.26	0.51	250.00	235	55.83	54.64	55.70	56.00	62.57	63.19	63.33	63.53	6.74	8.55	7.63	7.53
W250930071270001	BARMER	DHORIMANNA	KATERLA	PZ	71.45	25.16	0.47	250.00	74	15.20	14.63	14.97	15.73	15.47	13.47	15.50	15.61	0.27	-1.16	0.53	-0.12
W255444070275501	BARMER	GADRAROAD	KHARIN	Dug	70.47	25.91	0.80	50.00	233	43.73	45.02	43.76	44.45	43.90	44.40	45.90	46.02	0.17	-0.62	2.14	1.57
W255630072210201	BARMER	KALYANPUR	KURI	Dug	72.35	25.94	1.33	14.30	123	10.13	9.31	9.56	9.67	10.67	10.57	10.47	10.47	0.54	1.27	0.91	0.80
W254730071344501	BARMER	BARMER	MATASAR	Dug	71.58	25.79	1.10	48.90	153	35.13	34.31	34.01	34.56	35.60	34.80	34.12	34.17	0.47	0.49	0.11	-0.39
W255818071084201	BARMER	BARMER	NAND	Dug	71.15	25.97	1.60	23.86	247	11.63	7.33	8.24	10.00	14.50	14.30	12.60	12.37	2.87	6.97	4.36	2.38
W253612071170001	BARMER	CHOHTAN	NIMRI (RADEWA)	Dug	71.28	25.60	1.87	35.20	190	9.66	8.74	8.46	8.99	10.83	8.48	11.30	10.87	1.17	-0.26	2.84	1.88
W254610070210001	BARMER	GADRAROAD	NOPAT	Dug	70.35	25.77	0.00	80.75	82	73.63	73.23	72.30	72.28	72.70	72.44	72.10	72.20	-0.93	-0.79	-0.20	-0.08
W255938071452501	BARMER	BAYTOO	PANAVADA	Dug	71.76	25.99	1.49	38.12	167	29.23	28.18	29.28	28.87	28.91	29.61	25.57	28.74	-0.32	1.43	-3.71	-0.13
W255930070100001	BARMER	GADRAROAD	PANCHLA	Dug	70.17	25.99	1.50	53.45	65	41.66	41.27	41.14	0.00	40.95	41.90	41.10	0.00	-0.71	0.63	-0.04	0.00
W254040071132501	BARMER	BARMER	PATRASAR	Dug	71.22	25.68	1.55	20.00	239	10.84	10.50	10.99	10.89	14.05	11.85	14.53	14.59	3.21	1.36	3.54	3.70
W250720071352001	BARMER	DHORIMANNA	PIPARLI GAON	PZ	71.59	25.12	1.00	58.00	50	8.21	7.42	7.39	8.54	7.70	7.40	7.30	7.41	-0.51	-0.02	-0.09	-1.13
W254101071371501	BARMER	BARMER	RAWATSARI	PZ	71.62	25.68	1.00	144.40	148	65.80	64.16	65.78	66.46	62.95	63.00	63.47	63.59	-2.85	-1.16	-2.31	-2.87
W255045070592301	BARMER	GADRAROAD	REDANA	Dug	70.99	25.85	1.58	26.55	221	16.96	14.67	13.73	14.52	22.52	17.32	20.10	18.52	5.56	2.65	6.37	4.00
W260327071300901	BARMER	BAYTOO	Rewali	PZ	71.50	26.06	1.00	130.00	221	92.54	0.00	0.00	0.00	93.60	0.00	0.00	0.00	1.06	0.00	0.00	0.00
W252847071240001	BARMER	BARMER	SANAWARA	Dug	71.40	25.48	1.69	51.31	123	44.14	44.18	44.26	44.39	45.11	44.91	46.57	45.37	0.97	0.73	2.31	0.98
W253509071140001	BARMER	CHOHTAN	SANLOR	Dug	71.23	25.59	1.70	32.00	198	27.61	27.76	27.21	29.45	27.80	27.70	28.96	27.62	0.19	-0.06	1.75	-1.83
W254215071244501	BARMER	BARMER	Sansiyar	Dug	71.41	25.70	1.55	74.64	181	22.01	21.65	20.78	20.86	22.75	19.55	19.92	20.85	0.75	-2.10	-0.86	-0.01
W255951071580301	BARMER	GIRA	Santara	Dug	71.97	26.00	0.00	7.80	141.83	5.55	4.70	0.00	4.90	4.60	4.40	0.00	4.60	-0.95	-0.30	0.00	-0.30
W244912071093001	BARMER	SERWA	Sata_Pz	PZ	71.16	24.82	1.00	250.00	31	5.95	5.36	5.53	6.09	6.30	6.50	6.67	6.78	0.35	1.14	1.14	0.69
W260901071482401	BARMER	GIRA	SAUPADAMSINGH	Dug	71.81	26.15	1.49	32.06	213	22.23	21.84	21.32	21.66	21.61	21.41	21.51	22.64	-0.62	-0.43	0.19	0.98
W250400071074201	BARMER	SERWA	Sedwa	PZ	71.13	25.07	0.40	250.00	108	54.73	0.00	0.00	0.00	58.45	0.00	0.00	0.00	3.72	0.00	0.00	0.00
W254518071050001	BARMER	CHOHTAN	SIHANI	Dug	71.23	25.59	1.05	25.41	280	0.00	14.03	14.78	17.22	0.00	23.45	23.90	14.45	0.00	9.42	9.12	-2.77
W253400071540001	BARMER	SINDHARI	SINDARI	PZ	71.90	25.57	1.00	50.00	88	15.64	15.56	15.61	15.73	15.65	15.80	15.83	15.67	0.01	0.24	0.22	-0.06
W252015070515501	BARMER	CHOHTAN	SIYAGA TALA	Dug	70.87	25.34	1.56	74.00	166	65.25	64.03	66.37	65.32	65.64	63.54	65.29	64.58	0.39	-0.49	-1.08	-0.74
W254830071022001	BARMER	RAMSER	SUTHARON KI DHANI	Dug	71.04	25.81	1.30	28.20	229	15.91	14.73	13.90	14.89	16.60	11.60	11.98	11.35	0.69	-3.13	-1.92	-3.54
W245010071130001	BARMER	SERWA	TARLA	Dug	71.22	24.84	0.50	68.28	43	4.51	4.12	4.23	4.43	4.10	4.10	4.24	3.80	-0.41	-0.02	0.01	-0.63
W260300072213001	BARMER	KALYANPUR	THOB	Dug	72.36	26.05	1.26	28.04	157	19.26	14.19	13.96	15.91	21.14	13.94	14.94	15.64	1.88	-0.25	0.98	-0.27
W261213072291901	BARMER	KALYANPUR	Thoombli	Dug	72.49	26.20	0.00	28.20	172.74	0.00	0.00	0.00	22.00	0.00	0.00	0.00	22.80	0.00	0.00	0.00	0.80
W26541607223401	BHARATPUR	BAYANA	BANDH BARETA	Dug	77.38	26.90	0.15	5.15	201	3.49	3.00	3.07	2.88	3.05	3.05	2.85	3.19	-0.44	0.05	-0.22	0.31
W271330077053001	BHARATPUR	NADBAI	BAONLI CHAN	PZ	77.09	27.23	1.00	100.00	213	29.07	28.73	28.28	30.00	39.70	33.50	33.90	35.03	10.63	4.77	5.62	5.04
W265750077232401	BHARATPUR	BAYANA	BAWARI BARODA	Dug	77.39	26.96	0.90	10.00	192	6.76	5.83	6.22	6.44	8.35	7.08	6.95	6.70	1.59	1.25	0.73	0.26
W265820077150501	BHARATPUR	BAYANA	Bhagori_DW	Dug	77.25	26.97	0.50	20.00	199	0.00	9.30	9.75	10.50	0.00	13.05	13.40	12.67	0.00	3.75	3.65	2.17
W271300077300001	BHARATPUR	SEWAR	Bharatpur1	Dug	77.50	27.22	0.76	8.39	179	3.53	2.89	3.31	3.48	1.84	1.44	2.94	0.74	-1.69	-1.45	-0.37	-2.74
W265800077180001	BHARATPUR	BAYANA	Bhimnagar	PZ	77.30	26.97	1.00	41.20	193	0.00	0.00	18.79	0.00	0.00	0.00	21.70	0.00	0.00	0.00	2.91	0.00
W270700077040002	BHARATPUR	WEIR	Chokarwada	PZ	77.07	27.12	1.00	91.00	216	47.82	45.76	47.83	50.70	57.20	54.89	53.70	54.28	9.38	9.13	5.87	3.58
W265945077293002	BHARATPUR	RUPBAS	DAHINAGAON	Dug	77.49	27.00	0.82	17.00	181	10.15	10.78	9.77	9.21	12.88	10.46	11.78	11.55	2.73	-0.32	2.02	2.34
W272848077190001	BHARATPUR	DEEG	Deeg	PZ	77.32	27.48	1.00	129.20	181	0.00	2.80	2.38	2.85	0.00	1.53	3.00	2.93	0.00	-1.27	0.63	0.08
W273917077034801	BHARATPUR	PAHARI	Gopalgarh	Dug	77.06	27.65	1.10	12.30	198	8.80	8.45	8.94	9.06	10.70	8.15	8.80	9.56	1.90	-0.30	-0.14	0.50
W273200077073001	BHARATPUR	NAGAR	GULPURA	Dug	77.13	27.53	0.90	15.00	201	9.56	0.00	0.00	0.00	12.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00
W270652077090001	BHARATPUR	WEIR	HALENA	PZ	77.15	27.11	1.00	52.64	207	36.59	0.00	33.22	0.00	39.75	0.00	30.10	0.00	3.16	0.00	-3.12	0.00
W270200077080001	BHARATPUR	WEIR	Jageevanpura	PZ	77.13	27.03	1.00	100.00	228	11.22	10.84	10.87	10.80	10.10	9.00	10.25	10.59	-1.12	-1.84	-0.62	-0.21
W273130077043001	BHARATPUR	NAGAR	JAISARI	PZ	77.08	27.53	1.00	121.65	206	8.64	8.37	8.36	9.29	13.10	11.80	10.25	9.31	4.47	3.43	1.89	0.02
W274656077133601	BHARATPUR	KAMAN	JURAHRA	Dug	77.23	27.78	0.78	15.50	188	7.54	6.85	7.02	7.60	7.62	6.74	7.22	8.44	0.09	-0.11	0.20	0.84
W265830077381501	BHARATPUR	RUPBAS	KHAN SURJAPUR	Dug	77.64	26.98	1.10	16.88	172	8.25	6.32	6.02	6.46	9.00	6.62	7.95	6.15	0.75	0.30	1.93	-0.31
W270200077330001	BHARATPUR	RUPBAS	KHANUA	Dug	77.55	27.03	0.53	13.00	181	8.27	7.37	7.77	7.51	11.57	10.67	11.07	10.28	3.30	3.30	3.30	2.77
W265700077230001	BHARATPUR	BAYANA	Kheria Mod	Dug	77.38	26.95	0.40	11.20	194	4.98	5.36	6.75	5.63	4.90	4.80	6.60	4.52	-0.08	-0.56	-0.15	-1.11
W264815077255001	BHARATPUR	BAYANA	KOT1	Dug	77.43	26.80	1.45	12.50	216	0.00	6.05	5.72	6.30	0.00	7.55	7.65	8.99	0.00	1.50	1.93	2.69
W271900077230005	BHARATPUR	KUMHER	KUMHER	Dug	77.38	27.32	1.00	12.00	182	4.04	3.86	2.70	3.05	2.55	2.50	3.65	2.29	-1.49	-1.36	0.95	-0.76
W271030077234201	BHARATPUR	SEWAR	Ludhawai_GWD	Dug	77.40	27.18	0.00	10.90	184	9.60	8.25	7.70	7.90	6.70	5.98	6.70	6.20	-2.90	-2.27	-1.00	-1.7

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W251440075014701	BHILWARA	MANDALGARH	BIGOD	Dug	75.03	25.24	0.70	10.90	358	9.25	3.28	5.21	4.76	10.30	9.20	1.37	1.32	1.05	5.92	-3.84	-3.44
W251012075192201	BHILWARA	BIJOLIYA	BIJOLIA	Dug	75.32	25.17	0.47	15.38	528	8.42	4.29	4.72	6.65	6.33	5.53	3.06	3.75	-2.09	1.24	-1.66	-2.90
W254100075200001	BHILWARA	JHAZPUR	BORANI	Dug	75.33	25.68	0.41	20.00	345	14.95	9.70	10.60	12.45	18.59	16.74	12.49	11.84	3.64	7.04	1.89	-0.61
W253140074180301	BHILWARA	MANDAL	Dahimatha	Dug	74.30	25.53	0.16	25.00	493	22.07	17.03	20.75	19.12	21.55	19.55	10.94	6.75	-0.52	2.52	-9.81	-12.37
W253800074191201	BHILWARA	ASIND	Daulatgarh	Dug	74.32	25.63	0.20	29.80	529	10.37	4.27	5.22	5.80	10.10	8.90	1.17	1.50	-0.27	4.64	-4.05	-4.30
W251700074093001	BHILWARA	RAIPUR	DEVARIA	Dug	74.16	25.28	1.40	33.60	525	19.01	15.61	16.85	15.72	23.85	19.75	7.85	9.80	4.84	4.14	-9.00	-5.92
W255200074330001	BHILWARA	HURDA	GAGEDA	Dug	74.55	25.87	0.51	14.90	416	11.50	6.89	7.30	8.41	19.49	18.24	2.89	3.63	7.99	11.35	-4.41	-4.78
W251143074173901	BHILWARA	SAHARA	Galodiya	Dug	74.29	25.20	0.00	24.30	477.425	15.10	6.50	13.40	14.00	16.30	14.55	7.07	8.50	1.20	8.05	-6.33	-5.50
W251300074153501	BHILWARA	SAHARA	GANGAPUR1	Dug	74.26	25.22	0.42	25.53	506	18.54	12.09	11.33	11.03	12.18	9.73	3.38	4.36	-6.36	-2.36	-7.95	-6.67
W255400074401201	BHILWARA	HURDA	GULABPURA	Dug	74.67	25.90	0.89	19.00	397	11.66	6.16	6.41	8.65	3.81	3.26	1.98	0.61	-7.85	-2.90	-4.43	-8.04
W251050074374801	BHILWARA	SUWANA	HAMIRGARH	Dug	74.63	25.18	0.81	25.00	421	15.38	7.45	9.68	13.50	21.99	20.84	6.08	8.09	6.61	13.39	-3.60	-5.41
W253715075163001	BHILWARA	JHAZPUR	JHAJIPUR	Dug	75.28	25.62	0.50	14.75	335	15.00	7.58	6.47	7.25	0.00	12.65	7.35	10.80	6.00	5.07	0.88	3.55
W253240074302701	BHILWARA	ASIND	Jeewaliya	Dug	74.51	25.54	0.70	17.00	458	12.87	7.51	8.33	8.94	14.40	14.00	1.80	3.00	1.54	6.49	-6.53	-5.94
W254520074542001	BHILWARA	SHAHUPURA	KANCHAN-KALA	Dug	74.91	25.76	1.00	10.50	369	5.61	2.89	3.16	3.64	7.35	5.90	2.47	0.90	1.74	3.01	-0.69	-2.74
W2530540074160001	BHILWARA	MANDAL	Karera	PZ	74.27	25.52	1.00	150.00	506	20.52	16.65	16.72	18.35	20.00	19.05	12.89	14.95	-0.72	2.40	-3.83	-3.40
W251322074253001	BHILWARA	SUWANA	Karoi Kalan	Dug	74.43	25.22	1.50	25.00	461	0.00	0.00	17.90	14.40	0.00	0.00	8.20	4.20	0.00	0.00	-9.70	-10.20
W252214074463001	BHILWARA	SUWANA	KODUKOTA	Dug	74.78	25.37	0.35	25.00	406	12.87	8.33	8.09	9.15	22.75	20.90	2.15	2.43	9.88	12.57	-5.94	-6.72
W252350074533001	BHILWARA	KOTRI	KOTARI	Dug	74.89	25.40	1.13	17.63	379	10.45	7.26	7.32	0.00	12.17	11.07	3.37	0.00	1.72	3.81	-3.95	0.00
W250915075071701	BHILWARA	MANDALGARH	Ladpura	Dug	75.12	25.15	0.21	20.00	397	5.20	3.76	4.18	4.32	12.80	11.85	5.05	3.95	7.60	8.09	0.87	-0.37
W251100075053801	BHILWARA	MANDALGARH	MANDALGARH1	Dug	75.09	25.18	0.50	30.00	351	17.49	12.47	13.93	14.79	19.55	1.50	4.80	3.21	7.08	-12.43	-9.99	
W251610074381501	BHILWARA	SUWANA	MANDAPIA RS	Dug	74.64	25.27	0.10	20.00	410	10.43	6.46	7.72	8.54	17.30	15.80	6.14	5.60	6.87	9.34	-1.58	-2.94
W252715074111501	BHILWARA	RAIPUR	NANGPURA	Dug	74.19	25.45	0.42	32.00	529	21.93	18.48	17.01	20.08	30.78	28.33	5.29	19.88	8.85	9.85	-11.72	-0.20
W253104075053001	BHILWARA	KOTRI	PAROLI	Dug	75.09	25.52	0.30	10.40	341	4.99	2.52	3.05	3.39	3.35	3.15	1.58	1.70	-1.64	0.63	-1.47	-1.69
W252306074063001	BHILWARA	RAIPUR	PITAKHERA	Dug	74.11	25.39	1.00	24.30	544	15.63	7.67	8.28	9.77	12.20	11.05	3.57	7.18	-3.43	3.38	-4.71	-2.59
W253800074360001	BHILWARA	BANERA	RAILA ROAD	Dug	74.60	25.63	0.85	26.00	431	15.38	9.32	8.58	8.83	11.55	10.75	2.55	4.20	-3.83	1.43	-6.03	-4.63
W252413074094001	BHILWARA	RAIPUR	Raipur	Dug	74.16	25.40	1.00	26.50	533	10.70	2.18	5.57	7.27	9.80	8.65	1.01	1.80	-0.90	6.48	-4.56	-5.47
W250650075154001	BHILWARA	BIJOLIYA	SALAWATIA	Dug	75.26	25.11	0.50	31.00	530	23.10	11.20	14.99	18.01	24.50	21.65	10.43	21.48	1.40	10.45	-4.56	3.47
W251825074520001	BHILWARA	KOTRI	SAWAIPUR	Dug	74.87	25.31	1.00	28.99	387	16.74	10.64	11.36	13.03	14.25	13.75	1.84	6.20	-2.49	3.11	-9.52	-6.83
W253615074540001	BHILWARA	SHAHUPURA	SOPURA	Dug	74.90	25.60	0.12	13.62	374	8.46	5.41	7.30	8.50	7.88	7.23	2.03	2.23	-0.58	1.82	-5.27	-6.27
W252100074420001	BHILWARA	SUWANA	SUWANA1	Dug	74.70	25.35	0.00	25.00	407	14.79	8.23	10.16	11.24	10.15	8.15	0.59	3.55	-4.64	-0.08	-9.57	-7.69
W253340074480001	BHILWARA	SHAHUPURA	Taswaria Khurd	Dug	74.80	25.56	0.25	16.85	389	14.26	8.46	9.76	13.01	17.85	16.50	4.60	6.09	3.60	8.04	-5.16	-6.92
W253551074184801	BHILWARA	ASIND	TILOLI	Dug	74.31	25.60	1.15	15.48	498	8.82	3.11	2.93	5.28	6.95	5.90	0.35	0.05	-1.87	2.79	-2.58	-5.23
W284010072450001	BIKANER	KHAJUWALA	6 PB	PZ	72.75	28.67	1.00	137.50	136	0.00	17.80	17.41	17.38	0.00	17.60	16.64	16.80	0.00	-0.20	-0.77	-0.58
W281321072492701	BIKANER	KHAJUWALA	AMARPURA	Dug	72.82	28.22	0.33	41.17	165	16.17	16.19	15.90	15.99	17.47	16.41	15.58	15.82	1.30	0.22	-0.32	-0.17
W285600073530001	BIKANER	LUNKARANSAR	ARIANSAR	Dug	73.88	28.93	2.05	71.75	206	18.81	18.81	18.93	18.80	18.10	16.43	17.18	-0.01	-0.10	-2.38	-1.75	
W284205073455101	BIKANER	LUNKARANSAR	BADERAN	Dug	73.76	28.70	1.20	49.29	207	40.44	32.65	38.73	38.42	39.95	28.91	27.83	37.63	-0.49	-3.74	-10.90	-0.79
W275600072303001	BIKANER	KOLAYAT	BAJU	Dug	72.51	27.93	1.16	43.14	165	34.36	34.08	33.87	33.38	31.44	30.54	29.20	29.49	-2.92	-3.54	-4.67	-3.89
W275500072320801	BIKANER	KOLAYAT	Bajju (tejpura)	PZ	72.54	27.92	1.00	120.00	164	32.16	31.25	31.48	31.17	30.95	29.77	28.67	29.44	-1.21	-1.48	-2.81	-1.73
W274415072081501	BIKANER	KOLAYAT	BHIKAMPUR	Dug	72.14	27.74	1.35	36.05	157	12.54	11.97	0.00	13.16	13.05	14.66	0.00	14.00	0.51	2.69	0.00	0.84
W274544072095001	BIKANER	KOLAYAT	Bhikampur Deep	PZ	72.16	27.76	1.00	116.00	165	14.79	15.73	0.00	0.00	17.59	17.59	0.00	0.00	2.80	1.87	0.00	0.00
W274544072095002	BIKANER	KOLAYAT	Bhikampur Shallow	PZ	72.16	27.76	1.00	75.00	165	17.36	16.35	0.00	16.49	15.07	14.99	0.00	16.60	-2.29	-1.36	0.00	0.11
W282800073270001	BIKANER	LUNKARANSAR	BINJAWARI	PZ	73.45	28.47	1.00	157.00	208	68.03	68.84	68.20	69.09	67.95	66.57	65.83	66.63	-0.08	-2.27	-2.37	-2.46
W282742073275101	BIKANER	LUNKARANSAR	Binjawari Dw	Dug	73.46	28.46	0.50	10.70	211	5.30	4.00	4.64	5.41	5.10	4.68	4.18	4.45	-0.20	0.68	-0.46	-0.96
W275617072405001	BIKANER	KOLAYAT	Bithnok Pz	Dug	72.68	27.94	1.00	138.00	205	54.44	55.03	54.68	56.37	58.15	56.47	55.31	56.70	3.72	1.44	0.63	0.33
W284000073080001	BIKANER	KHAJUWALA	CHHATARGARH	Dug	73.13	28.67	0.13	57.17	166	33.40	31.50	32.78	32.47	30.82	30.15	31.74	32.57	-2.58	-1.35	-1.04	0.10
W274800073210002	BIKANER	BIKANER	DESHNOKH	PZ	73.35	27.80	1.00	205.00	271	114.33	114.91	114.20	114.93	128.15	114.95	113.79	116.80	13.82	0.04	-0.41	1.87
W281300073380003	BIKANER	BIKANER	Dhirera Pz	PZ	73.63	28.22	1.00	64.00	210	50.23	52.39	51.50	50.26	52.15	50.55	49.77	50.85	1.92	-1.84	-1.73	0.59
W274700072380001	BIKANER	KOLAYAT	Gariyala Pz	PZ	72.63	27.78	1.00	164.00	205	60.73	0.00	0.00	60.63	77.15	0.00	0.00	62.53	16.42	0.00	0.00	1.90
W275930072174801	BIKANER	KOLAYAT	GODU	Dug	72.30	27.99	1.17	48.83	152	20.30	20.28	19.64	20.12	18.98	18.38	17.13	19.05	-1.32	-1.90	-2.51	-1.07
W275900072210001	BIKANER	KOLAYAT	Godu_Pz_I	PZ	72.35	27.98	1.10	190.61	149	17.19	17.24	16.82	15.45	17.15	16.61	15.60	16.60	-0.04	-0.63	-1.22	1.16
W275900072210002	BIKANER	KOLAYAT	Godu_Pz_II	PZ	72.35	27.98	0.90	190.30	149	14.39	16.00	15.19	14.81	17.20	14.70	13.79	14.70	2.81	-1.30	-1.40	-0.11
W282623073383101	BIKANER	LUNKARANSAR	Hanseran	Pz	73.63	28.44	0.50	90.00	204	0.00	0.00	27.60	27.10	0.00	0.00	28.18	34.50	0.00	0.00	0.58	7.40
W283435073484001	BIKANER	LUNKARANSAR	HARIASAR	Dug	73.81	28.58	2.65	61.95	197	26.43	27.19	26.36	29.33	34.35	30.65	29.21	29.90	7.92	3.46	2.85	0.57
W281830072310401	BIKANER	KOLAYAT	JAGGASAR	PZ	72.52	28.31	0.30	250.00	127	18.65	18.51	18.55	18.06	18.30	17.43	17.08	17.50	-0.35	-1.08	-1.47	-0.56
W274000073394501	BIKANER	NOKHA	KAKRA	PZ	73.66	27.67	1.62	178.92	305	78.07	80.40	81.64	81.62	91.53	92.20	90.26	90.73	13.46	11.80	8.62	9.11
W280230072210001	BIKANER	KOLAYAT	Kandhari Deep	PZ	72.35	28.04	1.00</														

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W284600073490001	BIKANER	LUNKARANSAR	Mahajan-Pz	PZ	73.82	28.77	1.00	67.30	306	36.80	37.39	36.71	37.41	37.00	37.64	36.67	37.70	0.20	0.25	-0.04	0.29
W284001073550801	BIKANER	LUNKARANSAR	MALKISAR	Dug	73.92	28.67	1.38	59.62	198	15.18	14.51	16.73	15.77	16.37	10.34	10.52	15.04	1.20	-4.17	-6.21	-0.73
W284530073462001	BIKANER	LUNKARANSAR	MANARIA	Dug	73.77	28.76	0.69	54.41	196	49.10	49.67	50.13	49.60	52.46	47.51	46.54	47.51	3.36	-2.16	-3.59	-2.09
W280206072293001	BIKANER	KOLAYAT	MANKASAR	Dug	72.49	28.04	1.50	19.46	166	11.93	11.53	11.26	11.37	12.20	12.59	11.53	12.00	0.28	1.06	0.27	0.63
W275800072250001	BIKANER	KOLAYAT	MODAYAT	Dug	72.42	27.97	0.54	69.46	164	15.21	15.36	14.96	15.03	15.61	14.98	14.44	15.16	0.40	-0.38	-0.52	0.13
W274529073323501	BIKANER	NOKHA	Morkhana Agoono-Pz	Pz	73.54	27.76	0.00	150.00	306.16	109.00	108.00	107.46	107.55	109.65	111.18	109.66	109.75	0.65	3.18	2.20	2.20
W275745073333002	BIKANER	NAPASAR	NAPASAR	Dug	73.56	27.96	1.39	90.00	245	79.76	80.24	78.68	78.48	83.91	79.18	77.95	80.01	4.15	-1.06	-0.73	1.53
W273830072390001	BIKANER	KOLAYAT	NOKHRA	Dug	72.65	27.64	1.42	92.00	242	0.00	89.57	88.57	88.17	0.00	88.65	77.92	87.54	0.00	-0.92	-10.65	-0.63
W285305073171501	BIKANER	LUNKARANSAR	RANER	Dug	73.29	28.88	0.40	47.60	161	15.49	15.98	15.31	15.38	12.60	12.74	11.94	12.53	-2.89	-3.24	-3.37	-2.85
W280135072073001	BIKANER	KOLAYAT	RANJITPURA	Dug	72.13	28.03	0.00	42.80	146	25.38	25.33	24.86	26.24	25.00	24.62	23.20	24.60	-0.38	-0.71	-1.66	-1.64
W284200073530001	BIKANER	LUNKARANSAR	Sangrew	PZ	73.88	28.70	1.00	153.00	197	0.00	28.08	28.10	26.43	0.00	21.70	21.10	21.95	0.00	-6.38	-7.00	-4.48
W283530073113001	BIKANER	KHAJUWALA	SATTASAR	Dug	73.19	28.59	0.89	57.91	179	30.41	30.10	30.09	30.06	30.06	29.38	28.13	29.04	-0.35	-0.72	-1.96	-1.02
W251600075450001	BUNDI	TALERA	BALLOP	Dug	75.75	25.27	1.00	6.00	248	0.00	1.76	1.78	1.46	0.00	0.18	1.10	1.45	0.00	-1.58	-0.68	-0.01
W253100076100001	BUNDI	KESHORAI PATAN	Dahi Khera	Dug	76.17	25.52	0.57	7.38	230	8.33	8.12	10.93	6.20	5.13	0.13	0.53	0.93	-3.20	-7.99	-10.40	-5.27
W252815075520001	BUNDI	BUNDI	DELUNDA	Dug	75.87	25.47	0.61	17.68	229	13.84	11.15	11.55	11.03	11.59	7.29	7.59	8.14	-2.25	-3.86	-3.96	-2.89
W253230075594501	BUNDI	KESHORAI PATAN	GAINDOLI	Dug	76.00	25.54	1.00	10.72	231	0.00	2.39	3.80	5.42	0.00	0.15	0.90	1.15	0.00	-2.24	-2.90	-4.27
W252328076042501	BUNDI	KESHORAI PATAN	KAPREN	Dug	76.07	25.39	0.59	6.71	236	2.48	2.32	2.14	2.62	1.51	1.31	1.41	1.66	-0.97	-1.01	-0.73	-0.96
W251908075555001	BUNDI	KESHORAI PATAN	KESHORAI PATAN	Dug	75.93	25.32	0.54	3.96	245	2.97	1.12	1.59	1.21	2.66	0.71	0.76	1.11	-0.31	-0.41	-0.83	-0.10
W254000076110001	BUNDI	KESHORAI PATAN	LAKHERI	Dug	76.18	25.67	1.50	3.95	228	0.00	0.87	1.12	1.32	0.00	0.50	0.40	0.90	0.00	-0.37	-0.72	-0.42
W252430075531501	BUNDI	KESHORAI PATAN	MAJJA	Dug	75.89	25.41	1.10	10.70	232	2.45	2.61	1.03	0.71	2.75	0.45	0.35	0.95	0.30	-2.16	-0.68	0.24
W253412075565001	BUNDI	NAINWA	MOTIPURA	Dug	75.95	25.57	0.51	14.00	303	0.00	0.00	9.81	9.76	0.00	0.00	7.19	7.49	0.00	0.00	-2.62	-2.27
W252940075472401	BUNDI	BUNDI	RAJWAS	Dug	75.79	25.49	0.51	7.50	239	0.00	2.52	2.97	3.56	0.00	0.49	1.29	1.39	0.00	-2.03	-1.68	-2.17
W252400075333001	BUNDI	BUNDI	RAMNAGAR (JATAN)	Dug	75.56	25.40	0.81	15.23	259	8.97	3.39	4.80	7.52	9.89	1.19	1.29	1.64	0.92	-2.20	-3.51	-5.88
W252614075305501	BUNDI	HINDOLI	SATURA	Dug	75.52	25.44	0.00	15.00	305	9.59	6.08	6.76	5.56	13.80	3.70	4.90	6.10	4.21	-2.38	-1.86	0.54
W244500074115701	CHITTAURGARH	BHOPALSAGAR	AKOLA	Dug	74.20	24.75	0.20	16.00	454	13.01	8.73	8.35	9.40	9.80	7.70	6.62	7.90	-3.21	-1.03	-1.73	-1.50
W244336074270001	CHITTAURGARH	BHADESAR	BANSEN	Dug	74.45	24.73	0.25	28.00	428	16.41	7.03	8.89	7.96	25.55	22.05	9.40	14.85	9.14	15.03	0.51	6.89
W245100074352001	CHITTAURGARH	CHITTAURGARH	Bojunda	PZ	74.59	24.85	0.60	155.00	415	23.00	0.00	18.93	0.00	23.35	0.00	10.96	0.00	0.35	0.00	-7.97	0.00
W250630074500001	CHITTAURGARH	BEGUN	Dugar	PZ	74.83	25.11	1.00	150.00	383	3.10	0.00	2.36	3.23	8.50	0.00	0.65	0.80	5.41	0.00	-1.71	-2.43
W250300074380001	CHITTAURGARH	GANGRAR	GANGRAR1	Dug	74.63	25.05	0.85	22.00	405	14.43	11.67	9.96	11.07	14.55	3.95	1.38	5.45	0.12	-7.72	-8.58	-5.62
W241648074305401	CHITTAURGARH	BARI SADRI	KALAKHET	Dug	74.52	24.28	0.45	25.40	507	20.47	13.45	18.65	16.48	19.45	9.35	9.65	15.29	-1.02	-4.10	-9.00	-1.19
W245140074183001	CHITTAURGARH	KAPASAN	KAPASAN1	Dug	74.31	24.86	0.35	20.78	460	8.03	7.47	5.31	5.51	7.15	5.60	2.52	2.78	-0.88	-1.87	-2.79	-2.73
W250210074293001	CHITTAURGARH	GANGRAR	KHARKHANDA	Dug	74.49	25.04	0.46	25.00	451	0.00	13.04	14.37	15.80	0.00	23.44	3.19	6.09	0.00	10.40	-11.18	-9.71
W242126074211301	CHITTAURGARH	BARI SADRI	Mahuda	Dug	74.35	24.36	0.50	18.00	484	0.00	7.48	11.24	9.13	0.00	5.00	7.70	14.51	0.00	-2.48	-3.54	5.38
W245420074384001	CHITTAURGARH	CHITTAURGARH	MANPURA2	Dug	74.64	24.91	0.33	18.00	398	11.39	5.24	6.03	9.28	12.57	9.72	3.62	7.11	1.18	4.48	-2.41	-2.17
W250440075100001	CHITTAURGARH	BEGUN	MENAL	Dug	75.17	25.08	0.55	6.85	522	2.88	1.61	1.87	2.43	2.30	1.15	1.18	1.20	-0.58	-0.46	-0.69	-1.23
W245230074160001	CHITTAURGARH	KAPASAN	MUNGANA	Dug	74.27	24.88	1.08	24.00	463	0.00	0.00	9.53	11.62	0.00	0.00	1.62	5.62	0.00	0.00	-7.91	-6.00
W245700074410601	CHITTAURGARH	CHITTAURGARH	NAGARI1	Dug	74.69	24.95	0.05	17.75	415	15.42	6.28	7.08	10.12	12.35	9.30	4.18	7.85	-3.07	3.02	-2.90	-2.27
W244100074210001	CHITTAURGARH	BHADESAR	NAPANIA	Dug	74.35	24.68	0.50	32.50	460	15.02	12.73	13.66	15.94	30.50	25.60	7.37	7.45	15.49	12.87	-6.29	-8.49
W250811074531501	CHITTAURGARH	BEGUN	PARSOLI	Dug	74.89	25.14	1.65	25.00	398	11.93	2.19	4.57	6.08	14.35	13.05	0.58	1.45	2.42	10.86	-3.99	-4.63
W245630074311001	CHITTAURGARH	CHITTAURGARH	PUROHITOKASAVAT	Dug	74.52	24.94	0.72	31.00	436	0.00	0.00	23.66	25.14	0.00	0.00	12.08	19.18	0.00	0.00	-11.58	-5.96
W250400074214501	CHITTAURGARH	RASHMI	RASHMI1	Dug	74.36	25.07	1.55	12.50	448	0.00	5.57	5.87	6.54	0.00	9.20	4.00	5.15	0.00	3.63	-1.87	-1.39
W245600075353001	CHITTAURGARH	BHAINSRORGARH	RAWATBHATA	Dug	75.59	24.93	1.35	9.95	358	0.61	0.31	0.34	0.75	0.05	0.88	2.40	0.14	-0.55	0.57	2.06	
W245600074272001	CHITTAURGARH	KAPASAN	SINGHPUR	Dug	74.46	24.93	0.50	17.17	432	13.56	6.85	6.50	11.61	15.20	12.15	6.28	2.20	1.65	5.30	-0.22	-9.41
W283437074301601	CHURU	SARDARSHAHAR	Aspalsar	Dug	74.50	28.58	2.50	50.00	241	44.56	42.65	43.74	44.00	43.80	43.45	44.30	43.50	-0.76	0.80	0.56	-0.50
W274400074070001	CHURU	BIDASAR	BAMBOO	Dug	74.12	27.73	1.00	68.00	319	63.56	63.98	63.26	63.65	66.15	64.65	64.85	64.85	2.59	0.67	0.18	1.20
W284537075013801	CHURU	TARANAGAR	BHALAUTIBBA	Dug	75.03	28.76	1.99	18.01	215	12.78	12.38	12.60	12.88	12.59	11.91	12.22	12.16	-0.19	-0.47	-0.38	-0.72
W275820074323001	CHURU	RATANGARH	BHOJASAR	Dug	74.54	27.97	1.48	35.00	317	29.89	29.68	29.50	29.48	31.62	29.80	28.10	29.62	1.73	0.12	-1.40	0.14
W283022074273001	CHURU	SARDARSHAHAR	Bhojrasar DW	Dug	74.46	28.51	2.84	58.00	326	29.26	0.00	0.00	0.00	33.21	0.00	0.00	0.00	3.95	0.00	0.00	0.00
W275019074170001	CHURU	BIDASAR	BIDASAR	Dug	74.28	27.84	2.44	62.56	309	8.83	10.85	8.09	11.47	25.81	5.09	5.73	6.92	16.98	-5.76	-2.36	-4.55
W281545074523001	CHURU	CHURU	BINASAR	Dug	74.88	28.26	2.31	45.00	296	33.04	32.94	32.26	33.85	33.89	33.69	32.26	33.49	0.85	0.75	0.00	-0.36
W280230074473001	CHURU	RATANGARH	BIRAMSARI	Dug	74.79	28.04	2.53	55.00	312	39.58	0.00	0.00	0.00	49.87	0.00	0.00	0.00	10.29	0.00	0.00	0.00
W284010075140001	CHURU	RAJGARH	DADREWA	Dug	75.23	28.67	2.99	26.00	233	14.51	13.40	13.05	12.80	11.71	10.56	11.63	11.45	-2.80	-2.84	-1.42	-1.35
W285030074543001	CHURU	TARANAGAR	DHIRAWAS	Dug	74.91	28.84	1.80	15.20	210	8.93	7.80	9.05	8.95	9.92	10.10	9.08	9.20	0.99	2.30	0.03	0.25
W282815075044501	CHURU	CHURU	DUDWA KHARA	PZ	75.08	28.47	1.81	92.50	276	18.73	19.13	18.82	18.83	19.79	19.39	17.91	18.09	1.06	0.26	-0.91	-0.74
W274415074250701	CHURU	SUIJANGARH	GULERIYA	Dug	74.42	27.74	2.00	18.00	316	9.62	9.36	9.01	9.38	11.07	9.53	10.02	9.05	1.38	0.17	1.01	-0.33
W283830074223001	CHURU	SARDARSHAHAR	HARDESAR	Dug	74.38	28.64	2.48	64.00	222	59.35	0.00										

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W282600075075001	CHURU	CHURU	SIRSALA	Dug	75.13	28.43	1.08	31.69	277	0.00	28.69	0.00	29.84	0.00	29.56	0.00	29.49	0.00	0.88	0.00	-0.35
W282310074040001	CHURU	SARDARSHAHAR	SOMASAR	Dug	74.07	28.39	2.46	75.00	222	0.00	57.45	57.99	60.42	0.00	62.54	61.90	67.04	0.00	5.09	3.91	6.62
W274625074011501	CHURU	BIDASAR	SONIASAR	Dug	74.02	27.77	2.11	76.89	317	67.08	69.33	66.43	65.73	55.99	55.29	53.38	54.77	-11.09	-14.04	-13.05	-10.96
W280400074440002	CHURU	RATANGARH	TIDIYASAR Pz	Pz	74.73	28.07	0.85	111.50	315	40.28	40.67	40.32	40.52	40.35	39.70	38.86	39.80	0.07	-0.97	-1.46	-0.72
W264826076331701	DAUSA	SIKRAI	Bairaonda	Pz	76.55	26.81	0.00	87.00	333	0.00	21.14	24.15	25.10	0.00	16.29	19.00	18.76	0.00	-4.85	-5.15	-6.34
W264854076171701	DAUSA	LAWAN	Baniyana	Pz	76.29	26.82	0.00	74.00	331	12.45	9.69	11.05	13.65	13.00	9.23	9.80	9.99	0.55	-0.46	-1.25	-3.66
W265830076173001	DAUSA	DAUSA	BAPI	Dug	76.29	26.98	0.78	20.00	319	10.01	6.85	9.20	9.08	13.02	7.44	7.57	9.24	3.01	0.59	-1.63	0.16
W265850076170001	DAUSA	DAUSA	BAPI Pz	Pz	76.28	26.98	1.00	91.50	324	12.44	9.00	11.01	11.22	13.80	8.10	9.25	12.00	1.36	-0.90	-1.76	0.79
W270934076350001	DAUSA	BANDIKUI	Baswa1	Pz	76.58	27.16	1.00	125.40	297	41.29	40.50	41.29	41.87	49.20	46.25	46.90	47.11	7.91	5.75	5.61	5.24
W265204076240001	DAUSA	DAUSA	BHANDAREJ	Dug	76.40	26.87	0.60	31.00	297	0.00	0.00	20.38	0.00	0.00	0.00	26.95	0.00	0.00	0.00	6.57	0.00
W265345076193002	DAUSA	DAUSA	Dausa	Pz	76.33	26.90	0.89	125.50	334	0.00	10.57	12.11	13.06	0.00	14.05	19.90	19.45	0.00	3.48	7.79	6.39
W265413077022401	DAUSA	MAHWA	DHAND1	Pz	77.04	26.90	1.00	40.00	224	0.00	0.00	20.59	0.00	0.00	0.00	29.10	0.00	0.00	0.00	8.51	0.00
W265830076572001	DAUSA	MAHWA	Ghazipur-Pz	Pz	76.96	26.98	1.00	81.40	233	18.04	15.34	14.08	14.53	16.60	13.30	15.20	15.51	-1.44	-2.04	1.13	0.98
W265400077020002	DAUSA	MAHWA	Higetawari Dhani	Dug	77.03	26.90	0.20	22.00	224	17.15	13.34	13.15	11.74	16.20	13.36	12.70	12.96	-0.95	0.02	-0.45	1.22
W265800076200001	DAUSA	DAUSA	Jasuta	Dug	76.33	26.97	1.05	18.00	311	7.40	8.74	10.37	12.35	14.05	10.44	11.20	10.38	0.68	1.70	0.83	-1.97
W265900076224801	DAUSA	DAUSA	Kalipahari	Pz	76.38	26.98	1.00	60.00	313	26.44	24.74	26.48	27.08	30.50	27.79	29.10	29.72	4.06	3.05	2.62	2.64
W265739076172401	DAUSA	DAUSA	Khuri	Pz	76.29	26.96	0.00	78.00	324	27.00	26.26	27.30	27.25	28.30	23.80	25.50	25.70	1.30	-2.46	-1.80	-1.55
W263112076152201	DAUSA	LALSOT	Lakhanpur	Dug	76.26	26.52	0.00	10.90	284	0.00	7.55	9.20	8.65	0.00	4.59	5.10	4.52	0.00	-2.96	-4.10	-4.13
W265700076440001	DAUSA	SIKRAI	LANGRA BALAJI	Pz	76.73	26.95	1.00	75.00	262	35.60	34.13	34.67	35.70	56.10	53.20	55.70	55.92	20.50	19.07	21.04	20.22
W264700076130001	DAUSA	LAWAN	LAWAN1	Pz	76.22	26.78	1.00	44.00	317	0.00	34.17	37.63	36.42	0.00	43.00	42.90	43.09	0.00	8.83	5.27	6.67
W264539076201801	DAUSA	LAWAN	Nagal Rajawatan	Pz	76.34	26.76	1.00	200.00	332	0.00	0.00	32.94	0.00	0.00	0.00	39.10	0.00	0.00	0.00	6.16	0.00
W270235076554901	DAUSA	MAHWA	Nahara	Dug	76.93	27.04	0.00	18.00	231.5	0.00	0.00	15.60	16.20	0.00	0.00	15.30	15.44	0.00	0.00	-0.30	-0.76
W270550076471201	DAUSA	BANDIKUI	Sodan Ka Bas	Pz	76.79	27.10	1.00	67.00	253	36.80	35.15	36.32	36.90	40.90	36.95	37.20	37.62	4.10	1.80	0.88	0.72
W265500077010001	DAUSA	MAHWA	Talchidi	Pz	77.02	26.92	1.00	56.00	229	25.20	19.17	19.82	18.87	22.50	16.12	18.05	15.05	-2.70	-3.05	-1.77	-3.82
W263854077480701	DHAULPUR	DHAULPUR	AATHMEEL	Dug	77.80	26.65	0.38	20.72	231	9.96	4.68	5.34	6.82	6.82	7.52	4.87	6.80	6.87	2.84	-0.47	-0.02
W263618077282301	DHAULPUR	BASERI	ANGAI	Dug	77.47	26.61	1.03	21.24	232	10.66	6.59	5.84	7.35	10.87	5.92	7.27	5.75	0.21	-0.67	1.43	-1.60
W265346077550201	DHAULPUR	DHAULPUR	BARETHA KALAN	Pz	77.92	26.90	1.00	82.66	162	23.08	19.90	24.39	26.04	29.10	20.65	22.40	22.55	6.21	0.75	-1.99	-3.49
W263843077363801	DHAULPUR	BARI	BARI1	Dug	77.61	26.65	0.90	17.57	208	0.00	0.00	13.30	0.00	0.00	0.00	15.90	0.00	0.00	0.00	2.60	0.00
W264200077533001	DHAULPUR	DHAULPUR	Dhaulpur	Dug	77.89	26.70	0.40	21.02	238	14.79	0.00	14.02	13.55	13.80	0.00	13.50	13.24	-0.99	0.00	-0.52	-0.31
W264126077532801	DHAULPUR	DHAULPUR	Dhaulpur1	Pz	77.89	26.69	0.00	31.22	238	14.03	12.71	12.84	13.02	5.00	10.75	11.15	11.29	-9.03	-1.96	-1.69	-1.73
W263443077412601	DHAULPUR	BARI	GAJPURA	Dug	77.69	26.58	1.00	14.00	281	7.73	4.35	5.47	5.42	6.57	1.72	3.77	1.40	-1.16	-2.63	-1.70	-4.02
W265130077430001	DHAULPUR	SAIPU	KANTHRI	Dug	77.72	26.86	0.60	8.00	181	5.56	5.59	5.91	5.33	5.25	4.55	4.68	4.35	-0.31	-1.04	-1.23	-0.98
W264505077484001	DHAULPUR	SAIPU	Karimpur	Pz	77.81	26.75	0.00	55.00	177	33.60	31.60	33.50	35.15	28.50	16.90	21.20	21.49	-5.10	-14.70	-12.30	-13.66
W264900077411002	DHAULPUR	BASERI	Lebudapura	Pz	77.69	26.82	1.00	15.00	185	3.54	2.95	2.88	3.16	3.30	2.30	3.00	5.10	-0.24	-0.65	0.12	1.94
W264900077573001	DHAULPUR	DHAULPUR	Mangraul	Dug	77.96	26.82	0.00	38.00	166	19.19	19.97	23.15	23.25	37.40	35.90	35.90	36.00	18.21	15.93	12.75	12.75
W263120077231501	DHAULPUR	BASERI	NAKATPURA	Dug	77.39	26.52	0.45	11.45	262	7.27	3.97	4.05	6.13	14.15	0.85	2.95	0.66	6.88	-3.12	-1.10	-5.47
W264518077355001	DHAULPUR	BASERI	SALEMPUR	Pz	77.60	26.76	1.00	28.50	191	9.12	9.52	10.41	7.98	8.70	7.32	8.20	7.47	-0.42	-2.20	-2.21	-0.51
W265606078081501	DHAULPUR	RAJAKHERA	SIKRONDA	Pz	78.14	26.94	1.00	122.72	162	30.66	27.97	29.40	31.51	37.20	23.65	34.05	27.29	6.54	-4.32	4.65	-4.22
W234514073505201	DUNGARPUR	DOVRA	Anteree	Dug	73.85	23.75	0.43	5.71	314	4.19	1.81	2.44	1.75	4.37	0.92	2.47	2.97	0.18	-0.89	0.03	1.22
W235700074050001	DUNGARPUR	ASPUR	Aspur	Pz	74.08	23.95	1.00	150.00	202	13.96	9.07	8.79	8.87	13.44	5.65	8.22	9.42	-0.52	-3.42	-0.57	0.55
W235730074044501	DUNGARPUR	ASPUR	ASPUR1	Dug	74.08	23.96	0.00	13.00	206	6.03	0.00	4.64	4.16	4.65	0.00	0.60	1.60	-1.38	0.00	-4.04	-2.56
W235421074041501	DUNGARPUR	ASPUR	BARODA	Dug	74.07	23.91	0.74	10.06	193	3.71	1.09	1.57	1.60	2.44	1.66	0.36	0.37	-1.27	0.58	-1.21	-1.23
W234700073300001	DUNGARPUR	BICHHIWARA	Beechiwara	Dug	73.50	23.78	0.30	16.00	380	0.00	0.00	4.82	7.44	0.00	0.00	0.10	2.57	0.00	0.00	-4.72	-4.87
W233712074050001	DUNGARPUR	SAGWARA	BHILURA	Dug	74.08	23.62	1.52	11.48	132	6.95	0.00	3.56	4.37	8.41	0.00	2.68	2.88	1.46	0.00	-0.88	-1.49
W233400073580002	DUNGARPUR	GALIAKOT	Chitri	Pz	73.97	23.57	1.00	86.70	354	10.59	0.00	0.00	6.85	10.10	0.00	0.00	3.95	-0.49	0.00	0.00	-2.90
W235000073431501	DUNGARPUR	DUNGARPUR	Dungarpur1	Dug	73.72	23.83	1.05	16.01	371	9.56	4.29	4.58	4.94	10.33	6.85	3.95	2.40	0.77	2.56	-0.63	-2.54
W234132073432801	DUNGARPUR	JHONTHRI	GORADA	Dug	73.72	23.69	0.33	9.00	307	0.00	1.65	3.66	5.34	0.00	1.07	2.17	5.51	0.00	-0.58	-1.49	0.17
W235319073540301	DUNGARPUR	DOVRA	HATHAI	Dug	73.90	23.89	0.77	9.20	255	6.90	1.63	2.55	3.12	6.61	0.73	1.63	1.13	-0.29	-0.90	-0.92	-1.99
W235100074041201	DUNGARPUR	SABLA	KABJA	Pz	74.07	23.85	1.00	92.10	169	4.69	1.06	2.16	3.10	3.76	1.05	1.40	2.05	-0.93	-0.01	-0.76	-1.05
W234900073340001	DUNGARPUR	BICHHIWARA	KANABA	Dug	73.57	23.82	0.50	11.20	321	8.81	2.14	2.78	0.00	10.61	0.40	1.10	0.00	1.80	-1.74	-1.68	0.00
W232800073544501	DUNGARPUR	CHEEKHLI	KUA	Dug	73.91	23.47	0.60	12.00	175	0.00	1.45	2.55	3.22	0.00	3.10	2.50	3.15	0.00	1.65	-0.05	-0.07
W235100073464501	DUNGARPUR	DUNGARPUR	MANPUR2	Dug	73.78	23.85	0.74	8.59	290	0.00	1.54	2.14	3.85	0.00	1.56	3.36	2.65	0.00	0.02	1.22	-1.20
W234100073573001	DUNGARPUR	SAGWARA	NANDOR	Dug	73.96	23.68	0.50	11.50	181	9.63	0.00	2.69	4.69	11.06	0.00	1.50	2.40	1.43	0.00	-1.19	-2.29
W235030073342701	DUNGARPUR	BICHHIWARA	NAVAL SHYAM	Pz	73.57	23.84	0.66	120.40	339	12.04	2.40	3.38	5.00	14.00	0.06	1.44	4.72	1.96	-2.34	-1.94	-0.28
W235000073410001	DUNGARPUR	BICHHIWARA	NAYADERA	Dug	73.68	23.83	0.67	15.00	286	8.93	4.01	4.31	6.46	11.07	1.53	1.73	5.08	2.14	-2.48	-2.58	-1.38
W234257074023001	DUNGARPUR	SAGWARA	NAYAGAON1	Dug	74.04	23.72	0.45	9.90	197	6.96	3.82	3.53	4.57	5.25	2.30	2.90	4.21	-1.71	-1.52	-0.63	-0.36
W233145073454501	DUNGARPUR																				

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W290200073260001	GANGANAGAR	SRI VIJAYNAGAR	GOMANWALI	Dug	73.43	29.03	1.60	23.40	169	9.03	7.44	7.91	7.81	7.00	6.75	6.50	6.27	-2.03	-0.69	-1.41	-1.54
W290745073471501	GANGANAGAR	SURATGARH	HARISINGHPURA	Dug	73.79	29.13	1.65	47.35	183	20.76	19.79	20.09	20.12	18.01	18.00	18.28	18.35	-2.75	-1.79	-1.81	-1.77
W293045073370001	GANGANAGAR	RAISINGHNAGAR	JAGATISINGHWALA	Dug	73.62	29.51	2.07	47.93	165	11.11	10.81	11.02	10.85	10.17	9.83	9.91	10.23	-0.94	-0.98	-1.11	-0.62
W292010073411501	GANGANAGAR	SRI VIJAYNAGAR	Jaisar	PZ	73.69	29.34	1.00	84.00	162	7.04	6.41	6.42	6.77	7.12	7.20	7.32	7.39	0.08	0.79	0.90	0.62
W294900073270001	GANGANAGAR	KARANPUR	KARANPUR1	Dug	73.45	29.82	0.45	20.12	166	5.87	0.00	5.36	5.03	4.75	0.00	4.92	4.72	-1.12	0.00	-0.44	-0.31
W290500073220001	GANGANAGAR	ANUPGARH	KHAL	Dug	73.37	29.08	1.20	33.00	155	8.05	7.35	7.65	8.09	8.83	4.17	8.16	8.24	0.78	-3.18	0.51	0.15
W295045074143001	GANGANAGAR	SANGARIYA	KHERUWALA	Dug	74.24	29.85	1.07	54.93	182	23.01	20.33	22.83	22.39	21.78	21.23	2.11	1.23	1.90	-20.80	-20.28	
W295030074012001	GANGANAGAR	SADULSHAHAR	LALGARH JATAN	Dug	74.02	29.84	1.80	30.20	178	19.54	19.31	20.02	19.11	18.32	19.05	18.36	18.54	-1.22	-0.26	-1.66	-0.57
W290600073430001	GANGANAGAR	SURATGARH	LALGARIYA	Dug	73.72	29.10	0.35	48.75	179	25.11	24.94	27.47	25.45	24.50	23.60	24.15	24.22	-0.61	-1.34	-3.32	-1.23
W293115073350001	GANGANAGAR	RAISINGHNAGAR	MUKLAWA	Dug	73.58	29.52	2.02	42.98	166	11.79	10.76	10.91	11.08	10.33	10.08	10.15	10.24	-1.46	-0.68	-0.76	-0.84
W294058073513001	GANGANAGAR	PADAMPUR	Narsinghpur	Dug	73.86	29.68	1.50	28.30	176	17.86	17.21	17.66	17.50	17.02	16.92	16.92	17.03	-0.84	-0.29	-0.74	-0.47
W291630073463001	GANGANAGAR	SURATGARH	PADAMPURA	Dug	73.78	29.28	1.69	34.31	181	1.40	1.30	1.53	1.29	1.43	1.20	1.40	1.24	0.03	-0.10	-0.13	-0.05
W290300073511501	GANGANAGAR	SURATGARH	PIPASAR	Dug	73.85	29.05	0.92	58.28	197	38.38	38.92	38.31	38.42	39.28	38.38	39.08	39.20	0.90	-0.54	0.78	0.78
W291454073540001	GANGANAGAR	SURATGARH	PIPERAN	Dug	73.90	29.25	1.65	40.15	187	7.08	6.72	6.90	7.00	6.85	7.10	7.25	7.11	-0.23	0.38	0.35	0.11
W293230073270001	GANGANAGAR	RAISINGHNAGAR	RAISINGHNAGAR	Dug	73.45	29.54	0.47	32.10	166	12.05	11.23	11.34	11.47	10.55	10.49	9.94	9.85	-1.50	-0.74	-1.40	-1.62
W291000073223001	GANGANAGAR	ANUPGARH	RAMSINGHPURA	Dug	73.38	29.17	0.41	30.89	157	15.08	14.14	14.37	14.97	14.79	14.79	14.91	14.72	-0.29	0.65	0.54	-0.25
W291100073570001	GANGANAGAR	SURATGARH	RAYANWALI	Dug	73.95	29.18	1.99	53.51	187	19.92	16.66	17.10	17.64	18.13	17.51	18.25	18.34	-1.79	0.85	1.15	0.70
W291106073570301	GANGANAGAR	SURATGARH	Rayanwali Deep	PZ	73.95	29.19	1.00	170.00	186	17.19	17.07	16.62	16.50	16.56	18.02	17.04	17.72	-0.63	0.95	0.42	1.22
W291106073570302	GANGANAGAR	SURATGARH	Rayanwali Shallow	PZ	73.95	29.19	1.00	170.00	186	16.42	16.67	16.75	13.70	7.15	6.90	16.62	17.14	-9.27	-9.77	-0.13	3.44
W284800073040001	GANGANAGAR	GHADSANA	ROJARI	Dug	73.07	28.80	1.00	34.17	156	8.46	8.34	8.50	0.00	8.75	7.67	6.73	0.00	0.29	-0.67	-1.77	0.00
W294745073264501	GANGANAGAR	KARANPUR	RUPANAGAR	Dug	73.45	29.80	1.15	13.45	166	6.36	5.91	5.51	5.72	5.01	4.90	4.97	4.88	-1.35	-1.01	-0.54	-0.84
W291700074101501	GANGANAGAR	PILBANGA	SARDARPURA	Dug	74.17	29.28	2.50	37.15	192	5.38	5.05	5.72	4.87	6.03	5.65	8.35	14.90	0.65	0.60	2.63	10.03
W294755074052201	GANGANAGAR	SADULSHAHAR	Sunderpura_DW	Dug	74.09	29.80	0.00	45.00	178.939	24.27	24.38	24.40	24.50	24.56	23.90	24.50	24.36	0.29	-0.48	0.10	-0.14
W300146073395501	GANGANAGAR	KARANPUR	Sunderpura_Pz	Pz	73.67	30.03	0.00	50.00	170.877	6.40	6.49	6.30	6.49	6.73	6.71	6.80	8.00	0.33	0.22	0.50	1.51
W294145073350001	GANGANAGAR	SADULSHAHAR	SURANWALI	Dug	73.92	29.70	2.10	37.30	173	18.69	18.53	19.39	19.84	16.72	16.45	16.63	16.48	-1.97	-2.08	-2.76	-3.36
W292800073560001	GANGANAGAR	PILBANGA	SURATGARH	PZ	73.93	29.47	0.50	90.11	176	5.73	6.11	6.91	5.82	8.13	8.11	8.32	8.08	2.40	2.00	1.41	2.26
W294830073440001	GANGANAGAR	GANGANAGAR	TATARSAR	Dug	73.73	29.81	0.84	50.76	169	13.82	13.63	13.61	13.39	12.36	12.36	28.02	27.91	-1.46	-1.27	14.41	14.52
W295230074280002	HANUMANGARH	SANGARIYA	Bhagatpura-Pz	PZ	74.47	29.88	1.00	200.00	190	12.93	13.12	12.91	12.98	12.80	12.90	12.94	12.86	-0.13	-0.22	0.03	-0.12
W291400074450002	HANUMANGARH	NOHAR	BHUKARKA	Dug	74.75	29.23	0.50	34.00	190	20.08	18.96	19.33	20.01	14.03	16.78	15.77	15.84	-6.05	-2.18	-3.56	-4.17
W290430074180001	HANUMANGARH	RAWATSAR	BIRAMSAR	Dug	74.30	29.08	1.30	48.20	180	24.24	23.92	24.77	24.67	23.95	22.80	23.89	23.72	-0.29	-1.12	-0.88	-0.95
W285200074164001	HANUMANGARH	RAWATSAR	BISRASAR	Dug	74.28	28.87	1.75	50.15	200	45.02	42.59	44.48	44.48	44.45	35.25	43.88	44.45	-0.57	-7.34	-0.60	-0.03
W295015074243501	HANUMANGARH	SANGARIYA	BOLANWALI	Dug	74.41	29.84	0.80	19.00	189	16.25	15.83	15.97	15.86	15.20	14.95	14.95	15.06	-1.05	-0.88	-1.02	-0.80
W294150074174001	HANUMANGARH	HANUMANGARH	Chak Sampatnagar2	PZ	74.29	29.70	1.00	198.90	186	20.30	21.74	20.24	21.08	23.63	23.87	24.07	23.83	3.33	2.13	3.83	2.75
W291100075193001	HANUMANGARH	BHADRA	CHHANI BARI	Dug	75.33	29.18	1.35	19.95	202	13.01	10.39	13.91	14.43	14.23	14.11	13.92	10.23	1.22	3.72	0.01	-4.20
W292132074355501	HANUMANGARH	TIBI	CHISTIAN	PZ	74.60	29.36	0.50	200.00	189	28.64	28.77	28.35	28.91	32.10	34.15	33.95	34.12	3.46	5.38	5.60	5.21
W292245074161501	HANUMANGARH	HANUMANGARH	CHOHLINYAWALI	Dug	74.27	29.38	0.50	45.44	182	6.20	2.51	3.65	3.25	1.72	1.62	1.16	1.02	-4.48	-0.89	-2.49	-2.23
W291100074203001	HANUMANGARH	RAWATSAR	DHANASAR	Dug	74.34	29.18	1.70	38.30	183	8.29	8.07	10.64	8.64	8.90	8.65	8.96	8.74	0.61	0.59	-1.68	0.10
W294530074160001	HANUMANGARH	HANUMANGARH	DHOLIPAL	Dug	74.27	29.76	2.17	52.83	183	22.04	19.82	20.99	20.73	22.05	23.86	22.48	22.56	0.01	4.04	1.49	1.83
W285430074080001	HANUMANGARH	RAWATSAR	DUDHAL	Dug	74.13	28.91	1.35	50.70	199	47.71	46.69	46.91	47.25	48.45	48.80	48.92	45.79	0.74	2.11	2.01	-1.46
W290050075055001	HANUMANGARH	BHADRA	DUNGRANA	Dug	75.10	29.01	0.00	40.00	204	15.29	14.78	14.51	14.37	11.47	11.13	11.75	11.56	-3.82	-3.65	-2.76	-2.81
W291300074320001	HANUMANGARH	RAWATSAR	GANDEHALI	Dug	74.53	29.22	0.90	28.38	189	3.52	2.54	2.99	3.32	4.22	3.65	4.17	4.22	0.70	1.11	1.18	0.90
W293800074033601	HANUMANGARH	PILBANGA	GOLUWALA	PZ	74.06	29.63	0.95	198.00	178	21.72	22.31	25.78	27.33	26.32	27.00	26.28	26.04	4.60	4.70	0.50	-1.29
W293700074170001	HANUMANGARH	HANUMANGARH	Hanumangarh Rau	PZ	74.28	29.62	1.00	186.70	181	19.41	19.41	19.74	19.86	22.68	22.68	22.56	22.72	3.27	3.27	2.82	2.86
W292830074073701	HANUMANGARH	PILBANGA	Kalibanga-Pz	PZ	74.13	29.48	1.42	201.00	175	23.55	21.03	21.62	23.24	25.38	26.48	24.71	24.60	1.83	5.45	3.09	1.36
W293340074200001	HANUMANGARH	HANUMANGARH	KOHLA	Dug	74.33	29.56	1.15	33.85	184	18.55	17.59	18.49	18.40	20.53	21.15	21.04	20.85	1.98	3.56	2.55	2.45
W293345073581501	HANUMANGARH	PILBANGA	LAKHASARI	Dug	73.97	29.56	1.60	48.60	181	18.74	18.15	18.82	19.35	21.20	20.48	19.70	20.52	2.46	2.33	0.88	1.17
W290200074440001	HANUMANGARH	NOHAR	LAKHASAR2	Dug	74.73	29.03	1.65	33.35	204	15.55	14.49	15.74	15.75	15.35	15.21	15.47	15.67	-0.20	0.72	-0.27	-0.08
W285830074173001	HANUMANGARH	RAWATSAR	LAKHERAN	Dug	74.29	28.98	1.00	57.22	191	37.46	34.81	37.30	35.17	36.90	35.86	36.60	35.42	-0.56	1.05	-0.70	0.25
W285815075020001	HANUMANGARH	BHADRA	MALSISAR	Dug	75.03	28.97	1.50	19.00	202	14.03	12.90	12.71	12.62	13.82	13.15	13.52	13.39	-0.21	0.25	0.81	0.77
W290600075020001	HANUMANGARH	BHADRA	MUNSARI	Dug	75.03	29.10	0.92	29.08	204	14.69	13.35	14.58	13.94	14.42	13.70	14.34	14.46	-0.27	0.36	-0.24	0.52
W291650074460001	HANUMANGARH	NOHAR	NOHARI	Dug	74.77	29.28	1.80	26.67	198	15.53	15.21	15.77	15.24	14.83	15.28	15.02	14.83	-0.70	0.07	-0.75	-0.41
W292445074120002	HANUMANGARH	PILBANGA	Paditawali	PZ	74.20	29.41	0.85	100.00	180	0.00	8.19	0.00	0.00	0.00	11.17	0.00	0.00	0.00	2.98	0.00	0.00
W294100074094501	HANUMANGARH	HANUMANGARH	PAKKSARNA	Dug	74.16	29.68	2.16	49.34	181	24.44	23.20	24.65	25.69	27.46	22.71	28.04	28.36	3.02	-0.49	3.39	2.67
W294100074060001	HANUMANGARH	HANUMANGARH	Pale Wali Dhani	PZ	74.10	29.68	0.70	100.00	178	26.77	24.17	21.47	25.12	24.65	28.19	25.00	25.18	-2.12	4.02	3.53	0.06
W285500074120001	HANUMANGARH	RAWATSAR	PALLU	Dug	74.20	28.92	0.90	47.50	192	43.24	41.83	43.20	42.71	42.70	43.46	43.60	4				

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W263348075414101	JAIPUR	PHAGI	Bhankrota	PZ	75.69	26.56	0.70	80.00	400	70.53	67.86	67.09	70.07	73.30	70.95	61.10	64.50	2.78	3.09	-5.99	-5.57
W2632720075364901	JAIPUR	PHAGI	Bhojpora	Dug	75.61	26.62	1.00	13.20	308	3.97	4.53	4.50	3.88	7.10	9.30	4.15	4.90	3.13	4.78	-0.35	1.03
W272158075571401	JAIPUR	SHAHURA	Bidhara	PZ	75.95	27.37	1.00	119.00	447	89.19	85.83	85.91	84.04	93.50	92.80	91.20	93.18	4.32	6.97	5.29	9.14
W264445075511801	JAIPUR	SANGANER	Bilwa Pz	PZ	75.86	26.75	1.00	71.50	347	17.63	15.96	15.82	14.83	18.90	14.05	13.15	13.05	1.28	-1.91	-2.67	-1.78
W265506075385501	JAIPUR	JHOTWARA	Bindayaka	PZ	75.65	26.92	1.00	112.00	408	45.37	43.12	43.37	43.35	48.18	46.78	47.45	46.40	2.82	3.66	4.08	3.05
W264917075490301	JAIPUR	SANGANER	Budhpura_JMD	PZ	75.82	26.82	1.00	67.00	379	0.00	56.30	53.52	46.60	0.00	44.15	47.66	46.93	0.00	-12.15	-5.86	0.33
W265230075485501	JAIPUR	JHOTWARA	CGBW Campus Jaipur	PZ	75.82	26.88	1.00	71.20	444	55.56	54.34	52.95	0.00	55.82	52.05	53.43	0.00	0.27	-2.29	0.48	0.00
W263600075570001	JAIPUR	CHAKSU	CHAKSU	Dug	75.95	26.60	0.75	18.55	303	13.93	13.66	14.86	13.50	17.05	11.35	11.95	14.00	3.12	-2.31	-2.91	0.50
W263620075304501	JAIPUR	PHAGI	Chakwara	Dug	75.51	26.61	0.50	18.00	324	12.53	9.07	11.50	12.22	16.70	7.65	8.00	11.70	4.18	-1.42	-3.50	-0.52
W263628075302601	JAIPUR	PHAGI	Chakwara Pz	PZ	75.51	26.61	0.90	70.00	324	0.00	5.09	5.40	6.49	0.00	5.28	6.40	7.00	0.00	0.19	1.00	0.51
W263022075393601	JAIPUR	PHAGI	Chandama	Dug	75.66	26.51	0.85	17.50	305	9.20	5.43	6.65	8.17	10.45	4.75	4.05	4.25	1.25	-0.68	-2.60	-3.92
W263028075394601	JAIPUR	PHAGI	Chandama Kallan	PZ	75.66	26.51	0.85	73.00	305	6.33	4.62	5.29	5.73	8.45	6.53	2.20	2.40	5.12	1.91	-3.09	-3.33
W264749075343801	JAIPUR	SANGANER	Chirota	PZ	75.58	26.80	1.00	30.50	352	19.30	0.00	16.73	16.75	21.14	0.00	19.01	26.40	1.84	0.00	2.28	9.65
W263817075420701	JAIPUR	PHAGI	Chittora	Dug	75.70	26.64	0.55	32.00	323	25.03	18.88	23.22	26.31	25.15	18.05	17.65	15.45	0.12	-0.83	-5.57	-10.86
W263827075415601	JAIPUR	PHAGI	Chittora Pz	PZ	75.70	26.64	0.75	76.00	323	9.28	7.66	8.06	9.04	10.80	5.95	5.80	7.55	1.53	-1.71	-2.26	-1.49
W263533075270001	JAIPUR	PHAGI	Choru	Dug	75.45	26.59	0.80	24.00	328	7.35	6.92	11.28	12.03	22.70	7.20	8.80	10.20	15.35	0.28	-2.48	-1.83
W263547075270001	JAIPUR	PHAGI	Choru Pz	PZ	75.45	26.60	0.95	70.00	328	16.89	13.49	14.60	17.27	25.75	13.15	12.80	14.05	8.87	-0.34	-1.80	-3.22
W265000075340001	JAIPUR	SANGANER	Dahmi Kallan	PZ	75.57	26.83	1.10	90.00	364	45.59	45.70	45.13	46.07	47.30	43.70	48.10	48.30	1.71	-2.00	2.97	2.23
W271100076040001	JAIPUR	JAMWA RAMGARH	DATAL GURURAN	PZ	76.07	27.18	1.00	57.00	429	26.86	0.00	27.47	28.03	50.95	0.00	31.55	32.90	24.09	0.00	4.08	4.87
W263402075451501	JAIPUR	PHAGI	DAWACH	Dug	75.75	26.57	0.20	16.00	299	10.17	9.16	10.74	10.60	16.30	14.05	13.60	10.60	6.13	4.89	-0.96	0.00
W263400075460001	JAIPUR	PHAGI	DAWACH1	PZ	75.77	26.57	1.00	150.00	293	10.06	9.59	9.26	10.07	11.45	10.20	9.45	9.60	1.39	0.61	0.19	-0.47
W264422076032501	JAIPUR	BASSI	Deogon	PZ	76.06	26.74	1.00	105.00	378	45.30	43.60	45.43	45.72	48.14	45.63	46.05	47.71	2.84	2.03	0.63	2.00
W271347075501301	JAIPUR	SHAHURA	Dhawali	PZ	75.84	27.23	0.80	91.00	498	46.60	46.39	46.13	45.64	39.60	45.70	44.50	45.11	-7.00	-0.69	-1.63	-0.53
W271810075370001	JAIPUR	GOVINDGARH	DHODSAR	PZ	75.62	27.30	1.00	79.00	466	44.08	42.20	43.59	44.21	55.05	53.00	54.23	55.84	10.97	10.80	10.64	11.63
W262938075434801	JAIPUR	PHAGI	Didwata	Dug	75.73	26.49	0.90	20.00	300	0.00	16.38	16.30	15.06	0.00	13.85	13.60	13.80	0.00	-2.53	-2.70	-1.21
W262948075441801	JAIPUR	PHAGI	Didwata Pz	PZ	75.74	26.50	1.20	70.00	300	16.54	16.20	16.00	16.53	19.05	16.32	16.00	17.00	2.52	0.12	0.00	0.47
W265030075472001	JAIPUR	SANGANER	DURGAPURA	PZ	75.79	26.84	1.00	100.00	388	57.85	56.85	58.25	57.65	60.95	56.45	57.08	57.25	3.10	-0.40	-1.17	-0.40
W264701075245001	JAIPUR	DUDU	Gadota	PZ	75.41	26.78	1.00	92.00	346	7.94	7.47	8.50	8.42	10.80	8.70	7.96	9.17	2.86	1.23	-0.54	0.75
W264551075590501	JAIPUR	BASSI	Gangarampur	PZ	75.98	26.76	0.25	108.00	346	47.68	46.37	48.60	48.95	52.60	49.10	49.65	51.85	4.92	2.73	1.05	2.90
W263012075244101	JAIPUR	PHAGI	Ghatyali	Dug	75.41	26.50	0.30	14.50	310	0.00	8.77	9.38	0.00	8.50	8.20	9.80	0.00	0.78	-0.57	0.42	
W263023075231701	JAIPUR	PHAGI	Ghatyali Pz	PZ	75.39	26.51	1.20	63.00	325	6.33	5.49	6.35	6.86	12.50	3.30	3.05	4.10	6.17	-2.19	-3.30	-2.76
W264520075535801	JAIPUR	CHAKSU	GONER	Dug	75.90	26.76	0.20	30.00	323	14.84	13.28	12.86	13.45	13.20	9.95	13.27	12.90	-1.64	-3.33	0.41	-0.55
W265225075491101	JAIPUR	JHOTWARA	Gwd Campus	PZ	75.82	26.87	1.00	112.00	438	0.00	0.00	53.22	0.00	0.00	0.00	53.23	0.00	0.00	0.00	0.01	0.00
W270038075453001	JAIPUR	AMBER	Harmara	PZ	75.76	27.01	0.30	125.00	471	77.15	79.12	79.58	80.63	86.30	81.45	84.98	82.84	9.15	2.33	5.40	2.21
W271332075314701	JAIPUR	GOVINDGARH	Hastera1	PZ	75.53	27.23	1.00	60.00	436	23.29	24.89	23.65	24.88	31.00	26.90	27.15	32.70	7.71	2.01	3.51	7.82
W265317075430101	JAIPUR	JHOTWARA	Heerapura	PZ	75.72	26.89	1.00	106.00	421	74.11	72.74	73.35	74.68	75.85	70.10	76.70	76.18	1.74	-2.64	3.35	1.50
W270104076004301	JAIPUR	JAMWA RAMGARH	Jamwa Ramgarh	PZ	76.01	27.02	1.00	87.00	401	46.13	45.05	47.90	48.99	49.42	47.70	48.25	49.91	3.30	2.65	0.35	0.93
W265232076123001	JAIPUR	BASSI	Jatwara Pz	PZ	76.21	26.88	1.00	53.00	330	25.79	24.26	27.75	28.73	28.40	24.09	27.50	26.17	2.62	-0.17	-0.25	-2.56
W265636075444001	JAIPUR	JHOTWARA	JHOTWARA1	PZ	75.74	26.94	0.60	85.04	442	67.88	68.31	69.67	69.09	70.60	67.50	70.98	71.05	2.72	-0.81	1.31	1.96
W265844075234101	JAIPUR	SAMBHAR	Jobner	PZ	75.39	26.98	1.00	100.00	398	29.84	27.79	27.52	27.10	26.70	24.05	23.90	24.20	-3.14	-3.74	-3.62	-2.90
W271110075381601	JAIPUR	GOVINDGARH	Kaladera2	PZ	75.64	27.19	1.00	70.00	463	42.37	42.58	46.36	47.52	56.20	51.80	54.77	57.00	13.83	9.22	8.41	9.48
W265830075360001	JAIPUR	JHOTWARA	KALWAD	PZ	75.60	26.98	0.90	100.00	401	42.60	42.40	43.47	41.92	47.30	44.30	45.11	48.50	4.70	1.90	1.64	6.58
W271102075341801	JAIPUR	GOVINDGARH	Kanarpura	PZ	75.57	27.18	1.00	94.00	430	63.43	50.17	50.50	50.43	50.15	52.49	51.38	51.60	-13.28	2.32	0.88	1.17
W264339075301601	JAIPUR	PHAGI	Kansel	PZ	75.50	26.73	1.20	72.00	324	6.36	6.07	5.90	6.00	6.15	3.53	5.60	5.80	-0.21	-2.54	-0.30	-0.20
W274125076084101	JAIPUR	KOTPUTLI	Kansli	PZ	76.14	27.69	1.10	80.00	361	43.31	40.85	40.09	41.65	47.80	45.80	49.30	48.93	4.49	4.95	9.21	7.28
W265957076070001	JAIPUR	JAMWA RAMGARH	Kharana	PZ	76.12	27.00	1.00	84.00	351	45.70	41.83	46.18	43.28	46.70	43.13	43.95	46.85	1.00	1.30	-2.23	3.58
W272537076011701	JAIPUR	VIRATNAGAR	Khatolai	Pz	76.02	27.43	0.00	63.00	431.62	48.80	46.70	46.86	0.00	53.50	53.60	48.90	0.00	4.70	6.90	2.04	0.00
W270314075243301	JAIPUR	SAMBHAR	Kheerwa	PZ	75.41	27.05	1.00	120.00	410	58.38	56.45	56.16	56.05	56.23	51.80	52.48	56.20	-2.15	-4.65	-3.68	0.15
W272000075425001	JAIPUR	GOVINDGARH	Khejrolai-Pz	PZ	75.71	27.33	1.00	87.60	486	59.83	62.45	61.85	65.52	79.15	75.70	77.12	79.80	19.33	13.26	15.27	14.28
W271811076021801	JAIPUR	SHAHURA	Khora Ladkhani	PZ	76.04	27.30	0.90	87.00	471	45.83	42.13	43.14	42.30	44.20	49.70	47.00	47.00	-3.53	2.34	7.57	3.86
W271744075310001	JAIPUR	GOVINDGARH	Kishan Manpura	PZ	75.52	27.30	1.00	96.00	437	65.30	0.00	0.00	0.00	70.60	0.00	0.00	0.00	5.30	0.00	0.00	0.00
W263905075351101	JAIPUR	PHAGI	Ladana	Dug	75.59	26.65	0.20	18.00	310	15.10	12.28	14.93	15.54	16.70	7.90	8.00	4.85	1.60	-4.38	-6.93	-10.69
W263853075351601	JAIPUR	PHAGI	Ladana Pz	PZ	75.59	26.65	1.10	70.00	310	9.40	9.17	10.29	11.07	14.35	7.60	6.95	8.10	4.95	-1.57	-3.34	-2.97
W265914075315101	JAIPUR	JHOTWARA	Lalpura	PZ	75.53	26.99	1.00	120.00	411	0.00	0.00	85.70	82.30	0.00	0.00	79.33	84.60	0.00	0.00	-6.37	2.30
W263326075303101	JAIPUR	PHAGI	Lasriya	Dug	75.51	26.56	0.25	21.00	313	0.00	7.34	10.22	9.76	0.00	7.75	6.35	9.95	0.00	0.41	-3.87	0.19
W264511076095701	JAIPUR	BASSI	Madhogarh	PZ																	

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W265112076045301	JAIPUR	BASSI	Mohanpura1	Pz	76.08	26.85	1.00	115.00	368.69	0.00	35.16	39.15	39.90	0.00	48.06	51.05	50.09	0.00	12.90	11.90	10.19
W264100075214501	JAIPUR	DUDU	MOZMABAD	Dug	75.36	26.68	0.53	15.00	335	0.00	0.00	5.13	6.28	0.00	0.00	7.89	6.67	0.00	0.00	2.76	0.39
W270300075450002	JAIPUR	AMBER	N. PUROHITAN	PZ	75.75	27.05	1.00	81.00	469	46.05	45.32	46.07	46.45	53.15	49.90	53.30	54.20	7.10	4.58	7.23	7.75
W265508075584101	JAIPUR	JAMWA RAMGARH	Naila	PZ	75.98	26.92	0.40	116.00	376	65.65	63.34	65.50	66.33	64.30	58.50	59.30	59.59	-1.35	-4.84	-6.20	-6.74
W264735075111701	JAIPUR	DUDU	Naraina	Dug	75.19	26.79	0.60	21.50	375	7.98	5.83	5.45	7.24	8.40	7.55	7.38	5.55	0.43	1.72	1.93	-1.69
W264800075263601	JAIPUR	DUDU	NASNOTA	Dug	75.44	26.80	0.87	17.00	338	11.32	9.86	10.44	10.12	7.08	6.78	6.10	5.28	-4.24	-3.08	-4.34	-4.84
W263014075304901	JAIPUR	PHAGI	Nemeda	Dug	75.51	26.50	1.00	25.00	307	8.55	11.77	14.37	14.58	23.50	0.50	2.30	5.00	14.96	-11.27	-12.07	-9.58
W263044075310301	JAIPUR	PHAGI	Nemeda Pz	PZ	75.52	26.51	1.10	76.00	301	8.28	6.92	7.32	8.54	10.70	8.20	5.95	6.30	2.42	1.28	-1.37	-2.24
W271632075435501	JAIPUR	GOVINDGARH	Niwana	PZ	75.73	27.28	0.60	95.00	485	66.07	63.17	62.73	58.68	57.00	61.64	61.38	61.55	-9.07	-1.53	-1.35	2.87
W265647076110501	JAIPUR	BASSI	Padasoli	PZ	76.18	26.95	0.90	70.00	341	36.79	36.03	40.08	31.80	32.50	29.21	31.25	31.30	-4.29	-6.82	-8.83	-0.50
W264410075193001	JAIPUR	DUDU	PALLUKHURD	Dug	75.33	26.74	0.75	19.25	354	8.37	5.36	6.55	7.31	11.05	10.40	8.63	9.05	2.68	5.04	2.08	1.74
W272041076065001	JAIPUR	VIRATNAGAR	Palri	Dug	76.11	27.34	0.00	20.00	468.89	18.47	17.70	18.80	19.55	18.90	19.00	19.20	17.60	0.43	1.30	0.40	-4.95
W274732076143101	JAIPUR	KOTPUTLI	Paniyala	PZ	76.24	27.79	1.10	90.00	334	38.79	38.20	39.20	40.29	41.00	42.40	43.05	45.20	2.22	4.20	3.85	4.91
W265743076004901	JAIPUR	JAMWA RAMGARH	Papar	PZ	76.01	26.96	0.84	103.00	409	49.19	45.96	48.36	44.81	43.70	39.03	39.76	45.60	-5.49	-6.93	-8.60	0.79
W263021075362401	JAIPUR	PHAGI	Parun	Dug	75.61	26.51	0.30	16.00	303	0.00	8.35	9.60	11.05	0.00	6.98	2.55	3.30	0.00	-1.37	-7.05	-7.75
W263044075360701	JAIPUR	PHAGI	Parun Pz	PZ	75.60	26.51	1.15	80.00	305	9.46	9.26	10.14	10.86	15.12	8.05	7.41	4.50	5.66	-1.21	-2.73	-6.36
W263446075340301	JAIPUR	PHAGI	Phagi Pz	PZ	75.57	26.58	1.20	72.00	317	5.69	5.37	5.45	5.99	9.06	4.18	3.90	5.50	3.38	-1.19	-1.55	-0.49
W265230075141702	JAIPUR	DUDU	Phulera	PZ	75.24	26.88	1.00	108.00	387	6.79	5.57	5.85	6.04	6.00	5.80	4.80	4.94	-0.79	0.23	-1.05	-1.10
W273809076071901	JAIPUR	PAOTA	Raghunathpura Pz	PZ	76.12	27.64	1.00	68.57	376	45.61	45.39	46.63	47.97	56.80	56.80	56.60	56.96	11.19	11.41	9.97	8.99
W270851076065501	JAIPUR	JAMWA RAMGARH	Raiser	PZ	76.12	27.15	1.10	105.00	397	33.29	31.79	34.78	34.76	39.70	36.54	36.95	37.13	6.41	4.75	2.18	2.37
W270533075451301	JAIPUR	JALSOO	Rajarampura	PZ	75.75	27.09	0.40	88.00	452	46.87	46.25	46.95	46.83	50.25	45.55	46.41	58.60	3.39	-0.70	-0.54	11.77
W273549076113201	JAIPUR	PAOTA	Rajnota	PZ	76.19	27.60	1.10	96.00	358	35.63	35.13	36.20	37.02	36.35	36.85	28.30	37.20	0.73	1.72	-7.90	0.18
W264649076103201	JAIPUR	BASSI	Rojwari	PZ	76.18	26.78	0.65	110.00	329	50.46	44.38	44.23	44.38	56.01	52.24	53.00	53.73	5.56	7.86	8.78	9.36
W265854075552901	JAIPUR	JAMWA RAMGARH	Saipura Pz	PZ	75.92	26.98	1.00	65.00	381	0.00	47.49	47.13	53.30	0.00	63.85	63.80	64.99	0.00	16.36	16.68	11.69
W265422075131201	JAIPUR	SAMBHAR	Sambhar	Dug	75.22	26.91	0.90	20.00	373	13.20	11.83	12.10	11.27	11.15	10.65	9.68	10.80	-2.15	-1.18	-2.42	-0.47
W270619076052801	JAIPUR	JAMWA RAMGARH	Samred Kalan	PZ	76.09	27.11	1.00	88.00	413	39.08	35.68	37.35	38.89	45.67	42.77	43.80	45.07	6.60	7.09	6.45	6.19
W274320076072701	JAIPUR	KOTPUTLI	Sarundh	PZ	76.12	27.72	1.00	87.00	363	62.75	55.27	58.41	59.36	65.23	65.20	63.20	64.05	2.48	9.94	4.79	4.69
W264249075532501	JAIPUR	CHAKSU	SHIVDASPURA	Dug	75.89	26.71	0.40	27.18	334	22.74	23.29	23.20	23.23	24.40	16.20	17.03	18.40	1.66	-7.09	-6.17	-4.83
W264730075090001	JAIPUR	DUDU	SIROHIKHURD	Dug	75.15	26.79	1.04	16.00	372	0.00	0.00	5.03	5.31	0.00	0.00	7.92	5.26	0.00	0.00	2.89	-0.05
W274207076094801	JAIPUR	KOTPUTLI	Sunderpura	PZ	76.16	27.70	1.10	69.00	357	41.21	38.63	39.05	40.20	41.00	44.05	46.40	45.15	-0.21	5.42	7.35	4.95
W263645075512601	JAIPUR	CHAKSU	THALLI	Dug	75.86	26.61	0.15	15.85	323	12.35	11.12	12.17	11.42	13.80	4.05	4.05	6.15	1.45	-7.07	-8.12	-5.27
W264223075300601	JAIPUR	PHAGI	Tickel	Dug	75.50	26.71	0.20	25.00	322	9.70	6.62	7.90	14.98	19.20	7.15	7.60	7.40	9.51	0.53	-0.30	-7.58
W264020075303801	JAIPUR	PHAGI	Tickel Pz	PZ	75.51	26.67	0.90	75.00	329	7.84	5.61	6.85	7.34	8.50	5.20	5.55	7.80	0.66	-0.41	-1.30	-1.54
W271731075464001	JAIPUR	GOVINDGARH	TIGARIA	PZ	75.78	27.29	1.00	90.00	490	50.99	49.78	48.86	50.34	59.80	55.60	57.36	66.90	8.81	5.82	8.50	16.56
W263803075475801	JAIPUR	CHAKSU	Tootoli	Dug	75.80	26.63	0.00	25.00	232.1	0.00	18.90	23.45	23.53	0.00	13.77	13.70	16.60	0.00	-5.13	-9.75	-6.93
W273100071500001	JAISALMER	JAISALMER	AWAI	Dug	71.83	27.52	1.10	15.00	153	7.18	6.20	6.62	6.30	6.36	6.11	10.80	6.40	-0.82	-0.09	4.18	0.10
W270200070540002	JAISALMER	JAISALMER	BAISHAKHI	PZ	70.90	27.03	1.00	59.00	162	23.00	23.28	23.30	22.45	20.80	19.74	23.90	23.75	-2.20	-3.54	0.61	1.30
W262920071483001	JAISALMER	SANKRA	BALAR	Dug	71.81	26.49	1.53	27.45	234	14.81	0.00	0.00	0.00	12.75	0.00	0.00	0.00	-2.06	0.00	0.00	0.00
W272900071470001	JAISALMER	JAISALMER	BHADRIAS	Dug	71.78	27.48	1.40	18.10	159	8.79	8.61	8.94	8.58	9.60	9.49	9.90	9.80	0.81	0.88	0.96	1.22
W263750071293001	JAISALMER	SANKRA	BHAINSARA	Dug	71.49	26.63	1.33	30.25	310	23.68	22.14	22.45	0.00	29.17	28.62	27.47	0.00	5.49	6.48	5.02	0.00
W274313071585001	JAISALMER	JAISALMER	Bhavanipura Deep	PZ	71.98	27.72	1.00	188.00	153	12.86	12.98	13.61	13.28	14.30	14.61	13.60	13.60	1.44	1.64	-0.01	0.32
W274312071584601	JAISALMER	JAISALMER	Bhavanipura Shallow	PZ	71.98	27.72	1.00	86.00	153	13.55	13.88	13.82	14.23	13.40	13.40	14.50	14.50	-0.15	-0.48	0.68	0.27
W271113070595502	JAISALMER	JAISALMER	BOA	Dug	71.00	27.19	1.05	56.95	156	51.88	50.33	50.08	49.28	48.55	48.42	48.65	48.70	-3.33	-1.91	-1.43	-0.58
W273845072073001	JAISALMER	JAISALMER	BORANA	PZ	72.13	27.65	1.00	200.00	168	29.84	29.87	29.14	28.35	25.98	25.91	31.50	31.35	-3.86	-3.96	2.36	3.00
W265830071451001	JAISALMER	SANKRA	CHACHA	Dug	71.75	26.98	1.09	26.06	225	13.67	14.60	13.68	13.84	15.09	9.33	15.31	15.41	1.42	-5.27	1.63	1.57
W265800071213002	JAISALMER	JAISALMER	Delasar	PZ	71.36	26.97	1.00	200.00	196	62.80	67.20	67.20	67.25	71.20	70.35	70.65	71.45	8.40	3.15	3.45	4.20
W271630070583002	JAISALMER	JAISALMER	Deva Pz	Pz	70.98	27.28	0.00	100.00	145	29.35	29.40	29.50	29.20	29.07	28.78	28.80	28.95	-0.28	-0.62	-0.70	-0.25
W265415071213001	JAISALMER	JAISALMER	DHAISAR	Dug	71.36	26.90	0.95	63.75	217	60.92	60.85	61.33	61.35	61.35	61.56	61.75	61.85	0.43	0.71	0.42	0.50
W272910070185801	JAISALMER	SAM	GAMANEWALA	PZ	70.32	27.49	0.76	142.50	112	63.18	61.74	63.40	61.99	65.14	65.09	65.19	65.29	1.96	3.35	1.79	3.30
W272708071274701	JAISALMER	JAISALMER	GHANTIVALI	Dug	71.46	27.45	0.01	71.59	104	38.76	36.31	36.21	36.21	36.47	36.13	36.19	36.09	-2.29	-0.18	-0.02	-0.12
W271900070021501	JAISALMER	SAM	GOTARU	Dug	70.04	27.32	0.85	69.15	85	36.97	36.95	34.55	37.36	34.91	34.39	33.75	33.20	-2.06	-2.56	-0.80	-4.16
W264545071361501	JAISALMER	SANKRA	GUDE KA TALA	Dug	71.60	26.76	1.05	12.95	285	5.70	3.34	3.74	4.41	4.99	1.57	2.05	7.45	-0.71	-1.77	-1.69	3.04
W270000071031501	JAISALMER	JAISALMER	HAMIRA	Dug	71.05	27.00	1.75	48.25	203	42.01	41.14	42.50	42.26	42.55	42.95	42.95	42.95	0.54	1.22	0.45	0.69
W265630070543501	JAISALMER	JAISALMER	JAISALMER	Dug	70.91	26.94	0.22	61.68	241	36.83	36.80	36.50	37.02	34.89	34.86	35.88	35.78	-1.94	-1.94	-0.62	-1.24
W273231071085401	JAISALMER	SAM	Jawahar Nagar Deep	PZ	71.15	27.54	1.00	193.00	117	24.00	23.88	23.85	23.21	27.60	26.68	8.70	8.80	3.60	2.80	-15.15	-14.41
W273231071085402	JAISALMER	SAM	Jawahar Nagar Shallow</																		

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W265400070503001	JAISALMER	JAISALMER	Moolsagar_Pz	PZ	70.84	26.90	0.92	200.00	258	71.21	68.57	71.03	71.83	71.38	71.47	71.78	71.78	0.17	2.90	0.75	-0.05
W273100071431501	JAISALMER	JAISALMER	NACHNA	Dug	71.72	27.52	1.80	17.20	141	8.97	8.66	8.62	9.65	9.40	8.45	7.90	8.80	0.43	-0.21	-0.72	-0.85
W274840070245501	JAISALMER	SAM	NATHU KA BERA	PZ	70.42	27.81	1.00	75.00	99	30.84	0.00	30.88	31.34	31.10	0.00	31.15	31.00	0.26	0.00	0.27	-0.34
W2736450702020001	JAISALMER	JAISALMER	NEWEATA	Dug	72.03	27.61	1.15	31.13	169	21.19	21.25	21.23	21.23	21.55	21.40	21.95	22.15	0.36	0.15	0.72	0.93
W262430071554001	JAISALMER	SANKRA	PHALSUND	Dug	71.93	26.41	1.31	10.00	205	6.31	5.09	4.94	5.53	5.54	6.12	4.94	4.79	-0.77	1.03	0.00	-0.74
W262300070281601	JAISALMER	SAM	PHULIA	Dug	70.47	26.38	0.80	78.51	111	67.66	0.00	70.34	69.54	71.68	0.00	70.61	60.01	4.02	0.00	0.28	-9.53
W262324070281801	JAISALMER	SAM	Phulia1	PZ	70.47	26.39	0.80	200.00	137	67.91	66.74	0.00	71.06	74.25	78.40	0.00	73.90	6.34	11.66	0.00	2.84
W263216071324101	JAISALMER	SANKRA	RAJGARH1	Dug	71.54	26.54	0.10	27.00	308	20.05	18.31	18.49	18.48	20.44	20.08	19.98	20.10	0.40	1.77	1.49	1.62
W272130070290001	JAISALMER	SAM	Ramgarh lgnp	PZ	70.48	27.36	1.00	300.00	150	42.44	42.85	42.98	42.61	43.80	43.73	43.60	42.50	1.36	0.88	0.62	-0.11
W272130070300001	JAISALMER	SAM	Ramgarh2	PZ	70.50	27.36	1.00	200.00	148	49.32	47.27	47.59	47.85	47.20	47.14	47.20	57.45	-2.12	-0.13	-0.39	9.60
W273536070270001	JAISALMER	SAM	Ranau	PZ	70.45	27.59	1.06	102.00	129	58.48	62.13	60.63	55.71	62.04	61.94	66.39	66.54	3.57	-0.19	5.76	10.83
W273340071044801	JAISALMER	JAISALMER	Rd135	PZ	71.08	27.56	1.00	198.40	118	38.10	37.98	38.45	37.76	37.70	37.38	37.30	37.20	-0.40	-0.60	-1.15	-0.56
W273805070144001	JAISALMER	SAM	SADEWALA	Dug	70.24	27.63	1.20	44.80	118	41.35	41.28	41.55	41.58	41.10	40.96	40.90	40.90	-0.25	-0.32	-0.65	-0.68
W264930070312401	JAISALMER	SAM	SAM1	Dug	70.52	26.83	0.70	29.70	176	9.07	6.63	7.35	7.39	9.93	10.64	11.00	11.20	0.86	4.01	3.65	3.81
W271424070393201	JAISALMER	SAM	Sanu1	PZ	70.66	27.24	0.63	195.00	214	107.76	108.03	106.48	107.64	106.47	106.42	105.77	105.77	-1.29	-1.61	-0.71	-1.87
W265900071140001	JAISALMER	JAISALMER	SANWALA	Dug	71.23	26.98	1.25	37.35	188	32.57	32.78	33.48	32.64	32.85	32.50	32.95	32.95	0.28	-0.28	-0.53	0.31
W264300071183001	JAISALMER	SAM	SANWATA	Dug	71.31	26.72	0.75	53.25	278	31.92	32.49	32.28	32.67	31.99	31.79	31.80	31.85	0.07	-0.70	-0.48	-0.82
W272512071393201	JAISALMER	JAISALMER	Sataya_DW	Dug	71.66	27.42	0.00	22.60	163.48	19.40	19.20	19.30	19.60	19.45	19.36	19.40	19.35	0.05	0.16	0.10	-0.25
W273457071092501	JAISALMER	JAISALMER	Shastri Nagar	PZ	71.16	27.58	1.00	200.50	115	7.93	6.87	7.05	7.35	6.55	6.45	11.05	6.50	-1.38	-0.42	4.00	-0.85
W273300071423001	JAISALMER	JAISALMER	Shekhowala	PZ	71.71	27.55	1.00	186.00	137	11.08	11.73	11.73	10.61	11.20	10.97	11.05	11.10	11.12	-0.76	-0.68	0.49
W270047071270001	JAISALMER	JAISALMER	Sodakar	PZ	71.45	27.01	1.00	241.40	208	52.65	53.74	53.32	53.40	55.00	54.54	54.80	54.80	2.35	0.81	1.48	1.40
W270500071330001	JAISALMER	SANKRA	SRIBHADRIA	Dug	71.55	27.08	1.35	46.65	190	40.17	40.11	40.44	40.34	39.80	39.45	39.30	40.85	-0.47	-0.66	-1.14	0.51
W274800070220001	JAISALMER	SAM	TANOT	Dug	70.37	27.80	1.22	43.88	112	33.62	31.86	29.50	30.74	30.58	30.59	31.15	30.88	-3.04	-1.27	1.65	0.14
W273557071042501	JAISALMER	SAM	Tuli Deep	PZ	71.07	27.60	1.00	200.00	115	29.85	29.90	30.08	29.92	30.00	33.76	30.00	7.40	0.15	3.86	-0.08	-22.52
W273530071040001	JAISALMER	SAM	Tuli Shallow	PZ	71.07	27.59	1.00	99.00	115	7.65	7.88	8.03	7.77	7.50	7.38	8.98	29.90	-0.15	-0.50	0.95	22.13
W245624072151801	JALORE	RANIWARA	Alri	PZ	72.26	24.94	1.00	27.40	168	13.15	10.90	11.56	11.13	15.10	17.00	17.04	17.15	1.95	6.10	5.48	6.02
W251132072360001	JALORE	JALORE	BAGRA1	PZ	72.60	25.19	0.80	94.40	162	44.03	42.67	46.07	48.57	71.85	50.40	67.75	78.78	27.82	7.73	21.68	30.21
W251643072354501	JALORE	JALORE	Bhagli	PZ	72.60	25.28	0.60	79.00	191	51.69	49.54	51.50	52.47	50.38	49.90	50.05	50.66	-1.31	0.36	-1.45	-1.81
W250045072154501	JALORE	BHINMAL	BHINMAL1	Dug	72.26	25.01	0.50	17.95	145	4.74	3.55	3.70	3.91	4.60	3.70	2.87	3.80	-0.14	0.15	-0.83	-0.11
W245803072120801	JALORE	RANIWARA	DHANWARA	PZ	72.20	24.97	0.65	70.00	152	48.91	47.37	45.88	49.09	39.95	40.75	41.20	41.65	-8.96	-6.62	-4.68	-7.44
W251211072394601	JALORE	JALORE	Digaon	Dug	72.66	25.20	0.00	34.00	173.84	0.00	0.00	14.75	0.00	0.00	0.00	24.28	0.00	0.00	0.00	9.53	0.00
W245630071243001	JALORE	CHITALWANA	DOONGRI	Dug	71.41	24.94	1.02	26.00	37	23.20	23.20	23.56	0.00	23.28	23.38	22.56	0.00	0.08	0.18	-1.00	0.00
W252025072513301	JALORE	AHORE	Gudha Balotan	PZ	72.86	25.34	1.00	85.00	202	44.41	42.74	42.52	42.76	39.35	38.70	38.84	39.87	-5.06	-4.04	-3.68	-2.89
W244508071494301	JALORE	SANCHORE	Hadetar	PZ	71.83	24.75	1.00	155.00	66	31.85	32.12	31.76	32.14	33.37	34.02	33.82	34.47	1.52	1.90	2.06	2.33
W245928071353801	JALORE	CHITALWANA	Hali Bao	PZ	71.59	24.99	1.00	112.00	31	1.97	1.99	1.39	1.55	1.62	2.20	1.68	1.85	-0.35	0.95	0.29	0.30
W244604072070101	JALORE	RANIWARA	Hirpura	PZ	72.12	24.77	1.00	66.00	192	54.37	53.50	51.19	50.13	53.15	50.65	49.02	51.45	-1.22	-2.85	-2.17	1.32
W245158072180001	JALORE	RANIWARA	kagmalak(kundanpura)	PZ	72.30	24.87	0.65	100.00	210	0.00	0.00	21.90	22.48	0.00	0.00	25.22	26.53	0.00	0.00	3.32	4.05
W244824071475601	JALORE	SANCHORE	Karola	PZ	71.80	24.81	1.00	121.00	50	13.05	11.82	12.74	0.00	14.22	13.32	13.47	0.00	1.17	1.50	0.74	0.00
W252132072015101	JALORE	BHINMAL	KHOKAGAON	PZ	72.03	25.36	1.00	125.00	78	41.45	41.49	0.00	45.93	57.80	57.70	0.00	57.91	16.35	16.21	0.00	11.98
W250313072204601	JALORE	BHINMAL	Ledarmer	Dug	72.35	25.05	0.00	56.30	169.63	21.90	22.90	24.00	23.30	26.80	27.45	30.93	24.34	4.90	4.55	6.93	1.04
W244234072063401	JALORE	RANIWARA	Matriwara	PZ	72.11	24.71	0.90	130.00	170	61.15	66.05	63.53	59.41	59.90	60.50	60.77	60.88	-1.25	-5.55	-2.76	1.47
W253151072515901	JALORE	AHORE	NIMLA	Dug	72.87	25.53	0.80	22.00	195	16.34	13.32	16.13	14.32	12.90	10.30	11.87	12.45	-3.44	-3.02	-4.26	-1.87
W245830072343001	JALORE	JASWANTPURA	PUNAK KALAN	Dug	72.58	24.98	0.96	15.04	225	5.26	4.11	4.14	4.95	6.24	4.59	5.14	4.34	0.98	0.48	1.00	-0.61
W250202072311401	JALORE	JASWANTPURA	RAMSEEN	Dug	72.52	25.03	1.35	18.96	193	7.53	6.47	5.36	5.93	7.55	9.85	10.45	7.85	0.02	3.38	5.09	1.93
W245729071430801	JALORE	CHITALWANA	Ranodar	PZ	71.72	24.96	1.00	122.00	41	3.30	0.00	0.00	0.00	3.80	0.00	0.00	0.00	5.00	0.00	0.00	0.00
W244649071562101	JALORE	SANCHORE	Sarnau Pz	PZ	71.94	24.78	0.87	120.00	100	54.60	53.96	55.07	54.49	55.38	59.78	65.50	66.84	0.78	5.82	10.44	12.35
W251209072255101	JALORE	JASWANTPURA	Serena	PZ	72.43	25.20	1.00	113.50	132	66.49	64.98	63.95	66.72	69.70	65.10	66.79	67.27	3.21	0.13	2.84	0.55
W2445451071441901	JALORE	CHITALWANA	Sewada	PZ	71.74	24.91	1.00	130.00	40	5.98	6.04	4.58	0.00	5.85	5.95	5.97	0.00	-0.13	-0.09	1.40	0.00
W244554072011901	JALORE	RANIWARA	Sewara Pz	PZ	72.02	24.77	0.80	116.00	140	43.55	43.33	45.61	44.24	42.90	42.97	53.20	0.65	-0.43	-2.64	8.96	
W242445076334001	JHALAWAR	AKLERA	AKLERA	Dug	76.56	24.41	0.60	10.00	326	8.12	2.03	3.88	5.48	9.05	2.20	2.50	4.80	0.94	0.17	-1.38	-0.68
W242915076181001	JHALAWAR	JHALRAPATAN	AKTASA	Dug	76.30	24.49	2.01	11.20	322	7.90	2.13	3.57	6.05	7.19	3.77	0.24	4.59	-0.71	1.64	-3.33	-1.46
W242630075545501	JHALAWAR	BHAWANI MANDI	ANVLKALAN	Dug	75.92	24.44	0.66	14.84	365	10.07	7.78	7.57	8.09	13.54	5.54	2.59	4.44	3.47	-2.24	-4.98	-3.65
W241615076301501	JHALAWAR	AKLERA	ASALPUR	Dug	76.50	24.27	0.15	12.85	350	5.19	9.78	7.23	8.71	9.95	1.60	2.95	4.30	0.17	-3.59	-4.28	-4.41
W242439076111401	JHALAWAR	PIRAWA	BINDA	Dug	76.19	24.41	1.00	15.00	338	11.24	4.16	5.98	7.22	11.22	2.97	3.37	4.47	-0.02	-1.19	-2.61	-2.75
W235656075500501	JHALAWAR	DAG	DAG1	Dug	75.83	23.95	0.00	20.00	486	0.00	5.07	8.63	10.72	0.00	1.45	11.73	13.08	0.00	-3.62	3.10	2.36
W242600076223001	JHALAWAR	JHALRAPATAN	DOONGARGAON	Dug	76.38	24.43	1.22	10.00	350	5.74											

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20	
W242648076120001	JHALAWAR	JHALRAPATAN	Nahardi	Dug	76.20	24.45	0.75	8.00	319	5.52	2.61	3.43	4.82	4.20	0.85	1.35	2.55	-1.32	-1.76	-2.08	-2.27	
W244138076243001	JHALAWAR	KHANPUR	Piplaj	Dug	76.41	24.69	0.00	15.50	302.39	0.00	1.70	3.28	3.57	0.00	0.68	2.55	3.65	0.00	-1.02	-0.73	0.08	
W242100076402001	JHALAWAR	MANOHAR THANA	SAREDI	Dug	76.67	24.35	1.54	18.00	312	13.36	7.20	10.15	11.34	11.51	4.76	6.16	7.56	-1.85	-2.44	-3.99	-3.78	
W280130075294701	JHUNJHUNU	UDAIPURWATI	BADAGAON	PZ	75.50	28.03	1.10	107.30	360	0.00	0.00	0.00	47.42	0.00	0.00	0.00	54.60	0.00	0.00	0.00	7.18	
W281200075104001	JHUNJHUNU	ALSISAR	Birmi	PZ	75.18	28.20	1.00	90.00	307	41.24	40.30	38.85	40.21	41.00	41.10	40.20	40.30	-0.24	0.80	1.35	0.09	
W280950075153001	JHUNJHUNU	ALSISAR	CHURELA	PZ	75.26	28.16	1.00	85.00	320	46.59	45.07	45.34	45.81	47.80	47.70	48.10	48.30	1.21	2.63	2.76	2.49	
W281810075373001	JHUNJHUNU	SURAJGARH	Devroad	PZ	75.63	28.30	0.00	93.00	305	73.90	73.37	73.99	74.63	81.60	85.40	89.30	87.20	7.70	12.03	15.31	12.57	
W280245075190002	JHUNJHUNU	NAWALGARH	DIGHAL	PZ	75.32	28.05	0.63	68.65	345	53.79	53.79	54.24	54.15	56.40	55.52	55.24	55.88	2.61	1.73	1.00	1.73	
W280320075153001	JHUNJHUNU	JHUNJHUNUN	JAISINGHPURA	PZ	75.26	28.06	1.75	96.80	342	47.94	47.38	47.67	48.27	46.15	50.75	59.30	51.20	-1.79	3.37	11.63	2.93	
W28115075312001	JHUNJHUNU	CHIRAWA	Khudana	PZ	75.52	28.19	1.00	94.50	327	67.08	67.47	67.71	67.67	70.35	73.30	72.35	73.05	3.27	5.83	4.64	5.38	
W281300075410101	JHUNJHUNU	SURAJGARH	Lakhu	PZ	75.68	28.22	1.00	98.00	313	71.01	0.00	0.00	0.00	90.10	0.00	0.00	0.00	19.09	0.00	0.00	0.00	
W275945075163001	JHUNJHUNU	NAWALGARH	MANDASI SANDASI	PZ	75.28	28.00	0.90	110.14	357	54.05	54.93	54.70	56.31	55.10	61.40	60.40	59.20	1.05	6.47	5.70	2.90	
W281845075262301	JHUNJHUNU	CHIRAWA	MANDRELA	PZ	75.44	28.31	0.75	79.15	296	56.51	56.34	56.68	56.03	60.25	59.05	60.40	60.65	3.74	2.71	3.72	4.62	
W281030075271501	JHUNJHUNU	JHUNJHUNUN	Math	PZ	75.45	28.18	0.00	97.30	316	49.85	50.18	50.27	50.84	54.50	53.15	53.30	53.64	4.65	2.97	3.03	2.80	
W282345075400001	JHUNJHUNU	SURAJGARH	Morwa	PZ	75.67	28.40	0.00	101.70	284	77.30	76.84	76.95	77.79	87.90	87.92	89.00	89.10	10.60	11.08	12.05	11.31	
W275715075130001	JHUNJHUNU	NAWALGARH	MUKUNDGARH	PZ	75.22	27.95	1.00	86.20	356	51.24	51.75	51.38	0.00	55.00	55.10	54.20	0.00	3.77	3.35	2.83	0.00	
W274844075211501	JHUNJHUNU	NAWALGARH	Parsarapura	Pz	75.35	27.81	0.00	133.00	422.61	0.00	0.00	42.16	42.27	0.00	0.00	48.70	43.40	0.00	0.00	6.54	1.13	
W282445075440001	JHUNJHUNU	SURAJGARH	PIPLI	PZ	75.73	28.41	0.90	106.00	285	76.48	74.93	76.55	78.45	95.10	94.90	97.10	97.20	18.62	19.97	20.55	18.75	
W281552075185101	JHUNJHUNU	ALSISAR	Rampura Pz	Pz	75.31	28.26	0.00	66.00	292.144	41.29	37.80	0.00	37.83	38.70	40.48	0.00	38.00	-2.59	2.68	0.00	0.17	
W281425075360401	JHUNJHUNU	CHIRAWA	Shivpura 1	PZ	75.60	28.24	1.00	93.00	316	79.14	78.44	0.00	0.00	85.10	91.00	0.00	0.00	5.96	12.56	0.00	0.00	
W280000075320001	JHUNJHUNU	JHUNJHUNU	UDAIPURWATI	Sithal	PZ	75.53	28.00	1.20	83.37	359	52.57	51.76	51.70	50.68	42.18	52.55	54.10	55.35	-10.39	0.79	2.40	4.67
W261347073014701	JODHPUR	MANDOR	AFRI(Jodhpur)	PZ	73.03	26.23	0.50	56.00	216	16.89	15.58	16.72	16.55	16.93	16.80	16.34	16.50	0.04	1.72	-0.38	-0.05	
W265106072130001	JODHPUR	DECHOO	Bada Mandla	PZ	72.22	26.85	1.00	166.50	253	93.40	96.60	0.00	102.11	115.38	114.90	0.00	108.50	21.98	18.30	0.00	6.39	
W262300072300001	JODHPUR	BALESAR	BALESAR Pz	PZ	72.50	26.38	1.00	184.80	235	8.49	5.08	7.01	7.20	10.00	5.40	8.80	9.95	1.51	0.33	1.79	2.75	
W261945072433001	JODHPUR	MANDOR	BAMBORE	Dug	72.73	26.33	0.00	16.00	194	14.39	14.59	14.64	14.23	14.75	14.45	14.35	14.40	14.36	-0.14	-0.29	0.17	
W272200072210001	JODHPUR	BAP	BAP1	Dug	72.35	27.37	0.00	27.40	190	3.66	2.51	0.00	0.00	6.39	6.53	0.00	0.00	2.73	4.02	0.00	0.00	
W272030072182301	JODHPUR	BAP	BARI DHANI	Dug	72.31	27.34	1.50	38.50	192	10.03	9.16	9.55	10.81	10.35	10.32	10.90	10.90	0.33	1.16	1.35	0.09	
W261900073251501	JODHPUR	PIPAR CITY	BENAN	Dug	73.42	26.32	1.19	22.00	240	16.94	15.67	16.04	17.45	17.81	11.31	11.41	16.31	0.87	-4.36	-4.63	-1.14	
W261354073362401	JODHPUR	BILARA	BHAWI	PZ	73.61	26.23	0.36	197.00	202	9.63	7.21	6.66	9.07	11.70	2.70	2.80	4.80	2.07	-4.51	-3.86	-4.27	
W261400073185001	JODHPUR	MANDOR	Bisalpur	PZ	73.31	26.23	0.50	203.00	218	5.56	5.52	5.62	4.96	6.60	3.10	3.40	3.65	1.04	-2.42	-2.22	-1.31	
W261330072543001	JODHPUR	LUNI	BUJAWAR	Dug	72.91	26.23	0.66	27.68	248	21.86	18.94	18.64	19.52	25.06	22.74	17.84	24.14	3.20	3.80	-0.80	4.62	
W261600073000001	JODHPUR	MANDOR	CAZRI	PZ	73.00	26.27	0.61	75.50	242	27.87	27.12	27.00	26.74	24.23	24.09	29.29	23.44	-3.64	-3.03	2.29	-3.30	
W261919072570701	JODHPUR	MANDOR	CAZRH(Barali)	PZ	72.95	26.32	1.00	206.15	282	0.00	18.96	19.99	20.86	0.00	22.70	19.15	19.25	0.00	3.74	-0.84	-1.61	
W261630072560001	JODHPUR	MANDOR	CHOPASNI NATH	Dug	72.93	26.28	0.35	16.80	251	5.87	4.50	4.60	4.95	6.60	4.85	5.05	4.20	0.73	0.35	0.45	-0.75	
W261600073162701	JODHPUR	MANDOR	DANGHWAS	Dug	73.27	26.27	1.58	23.25	225	11.20	10.41	9.59	10.25	9.02	5.22	5.17	8.72	-2.18	-5.19	-4.42	-1.53	
W264621072193701	JODHPUR	DECHOO	Dechu Pz	Pz	72.33	26.77	0.00	110.00	280.096	49.35	56.00	0.00	48.30	51.40	51.10	0.00	71.60	2.05	-4.90	0.00	23.30	
W263037073224001	JODHPUR	BHOPALGARH	DEVATRA	Dug	73.38	26.51	2.40	35.00	260	0.00	18.42	18.79	22.20	0.00	11.26	16.60	29.80	0.00	-7.16	-2.19	7.60	
W264402073382301	JODHPUR	BHOPALGARH	Dharmi Pz	PZ	73.64	26.73	0.50	70.00	317	0.00	65.35	62.86	60.05	0.00	60.00	60.40	60.60	0.00	-5.35	-2.46	0.55	
W260330072443001	JODHPUR	LUNI	DHAWA	Dug	72.74	26.06	2.60	35.00	163	15.80	15.06	14.25	14.30	7.45	5.10	4.43	4.60	-8.35	-9.96	-9.82	-9.70	
W262916072260001	JODHPUR	SHEKHALA	Dhirpura Pz	PZ	72.43	26.49	1.00	181.75	292	45.37	43.83	0.00	43.47	48.12	50.20	0.00	49.10	2.75	6.37	0.00	5.63	
W263036073124301	JODHPUR	BAORI	Gangani	PZ	73.21	26.51	0.60	160.00	239	6.61	6.50	6.59	6.25	7.70	5.45	5.65	6.00	1.09	-1.05	-0.94	-0.25	
W260623072504001	JODHPUR	LUNI	JATYASANI	Dug	72.84	26.11	0.00	22.00	173	19.79	0.00	19.59	19.71	18.70	0.00	1.85	17.40	-1.09	0.00	-17.74	-2.31	
W261800073020001	JODHPUR	MANDOR	JODHPUR	Dug	73.03	26.30	1.61	42.99	257	8.37	6.69	7.40	7.03	11.69	7.79	6.19	7.49	3.32	1.10	-1.21	0.46	
W261840073032001	JODHPUR	MANDOR	Jodhpur Army Area	PZ	73.06	26.31	1.00	197.00	235	1.30	0.78	0.00	0.00	0.90	0.80	0.00	0.00	-0.40	0.02	0.00	0.00	
W261620072493001	JODHPUR	MANDOR	KARANI	Dug	72.83	26.27	1.85	65.15	213	47.26	45.67	47.32	46.50	51.00	51.25	52.35	51.35	3.74	5.58	5.03	4.85	
W270136072070301	JODHPUR	PHALODI	Khara	Pz	72.12	27.03	0.00	190.00	233.253	102.45	101.80	102.50	103.80	106.48	105.98	106.00	103.20	4.03	4.18	3.50	-0.60	
W260902072495601	JODHPUR	LUNI	KHUDALA	Dug	72.83	26.15	1.40	35.00	183	29.98	29.65	29.66	29.04	29.50	27.07	27.05	27.80	-0.48	-2.58	-2.71	-1.24	
W265500072180002	JODHPUR	DECHOO	Kolu Pz	PZ	72.30	26.92	1.00	98.00	260	61.38	70.96	69.58	70.15	89.33	88.12	88.10	88.35	27.95	17.16	18.53	18.20	
W262636072281401	JODHPUR	BALESAR	Kui Jodha	Dug	72.47	26.44	0.00	16.45	245.719	8.67	4.20	6.00	6.30	7.90	2.67	2.80	4.60	-0.77	-1.53	-3.20	-1.70	
W264415073321502	JODHPUR	BHOPALGARH	Kumara	PZ	73.54	26.74	0.50	80.00	310	0.00	24.40	0.00	27.60	0.00	48.50	0.00	50.00	0.00	24.10	0.00	22.40	
W262000072120001	JODHPUR	SHERGARH	KUMARO KI DHANI	Dug	72.20	26.33	1.75	44.05	217	36.48	36.18	35.59	35.99	37.92	36.20	37.75	37.85	1.44	0.02	2.17	1.87	
W263314073281401	JODHPUR	BHOPALGARH	KURI1	PZ	73.47	26.55	0.35	90.00	195	0.00	0.00	4.71	0.00	0.00	0.00	4.15	0.00	0.00	0.00	-0.56	0.00	
W270324072240401	JODHPUR	PHALODI	Lordiya	EW	72.40	27.06	0.50	200.00	256	25.35	25.56	24.75	22.93	30.44	23.96	21.85	25.70	5.09	-1.60	-2.90	2.77	
W260000073011501	JODHPUR	LUNI	Luni	PZ	73.02	26.00	0.70	111.60	176	1.58	2.58	1.91	2.50	2.65	1.50	9.60	1.80	0.08	-0.41	7.49	-0.70	
W262100073023001	JODHPUR	MANDOR	MANDORE1	Dug	73.04	26.35	1.26	35.54	245	10.37	8.75	8.49	8.65	12.94	9.89	9.94	8.84	2.57	1.14	1.45	0.19	

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20	
W263314077001901	KARAULI	KARAULI	Gurla Pahari	Dug	77.01	26.55	0.00	30.00	271.57	0.00	0.00	10.45	0.00	0.00	0.00	20.05	0.00	0.00	0.00	0.00	9.60	0.00
W263830077001501	KARAULI	HINDAUN	GURLA1	Dug	77.00	26.64	0.40	36.30	256	21.50	17.73	18.43	18.79	21.10	17.00	16.85	17.09	-0.40	-0.73	-1.58	-1.70	
W264400077020001	KARAULI	HINDAUN	Hindaun	Dug	77.03	26.73	1.10	11.00	229	3.66	2.22	1.85	1.74	2.20	0.15	1.70	1.21	-1.46	-2.07	-0.15	-0.53	
W264200077010001	KARAULI	HINDAUN	ISLAMPUR	Dug	77.02	26.70	0.50	10.00	240	8.04	5.99	6.28	6.81	8.80	6.35	7.50	6.87	0.76	0.36	1.22	0.06	
W264930076560001	KARAULI	TODABHIM	KARAMPURA1	PZ	76.93	26.83	0.60	59.00	222	17.29	15.22	17.34	18.25	20.60	17.32	18.30	19.19	3.31	2.10	0.96	0.94	
W262530076560001	KARAULI	KARAULI	KARSAI	Dug	76.93	26.43	0.50	24.00	284	14.73	13.19	12.72	14.99	14.60	14.50	15.30	14.41	-0.13	1.31	2.58	-0.58	
W261929076560001	KARAULI	KARAULI	KELADEVI	Dug	76.93	26.32	0.87	15.17	340	5.15	1.10	2.52	2.35	4.73	0.87	1.13	0.10	-0.42	-0.23	-1.39	-2.25	
W262419077073901	KARAULI	MANDRAIL	Langra_Pz	Pz	77.13	26.41	0.00	80.00	320.56	26.00	21.85	24.25	25.85	26.30	16.93	19.80	18.01	0.30	-4.92	-4.45	-7.84	
W261952076504601	KARAULI	KARAULI	Lauhra	Dug	76.85	26.33	0.15	14.70	302	9.06	5.27	5.95	6.79	9.25	3.80	3.60	3.87	0.19	-1.47	-2.35	-2.92	
W262600076570001	KARAULI	KARAULI	Mamachari	Dug	76.95	26.43	0.10	20.00	293	14.32	12.67	11.93	11.80	13.00	13.70	16.10	13.52	-1.32	1.03	4.18	1.72	
W261840077143201	KARAULI	MANDRAIL	MANDRAL	Dug	77.24	26.31	1.36	38.00	199	30.02	0.00	0.00	0.00	32.64	0.00	0.00	0.00	2.62	0.00	0.00	0.00	
W264303076411901	KARAULI	NADOTI	NADAUTI	Dug	76.69	26.72	0.55	10.21	242	6.27	3.90	2.86	4.51	2.75	1.00	1.45	1.39	-3.52	-2.90	-1.41	-3.12	
W263630076424101	KARAULI	NADOTI	SAHARI	Dug	76.71	26.61	0.54	29.56	254	8.65	8.41	7.69	7.38	5.26	2.15	4.26	3.48	-3.39	-6.26	-3.43	-3.90	
W261646076461101	KARAULI	SAPOTRA	SAPOTRA1	Dug	76.77	26.28	0.84	27.00	253	0.00	0.00	12.96	0.00	0.00	0.00	13.56	0.00	0.00	0.00	0.60	0.00	
W250227075542401	KOTA	LADPURA	ALANIA	Dug	75.91	25.04	1.10	12.20	348	0.00	1.39	5.01	4.91	0.00	0.10	2.35	3.70	0.00	-1.29	-2.66	-1.21	
W252645076260501	KOTA	ITAWA	AYANA	Dug	76.43	25.45	0.53	21.17	245	14.86	4.69	8.76	8.68	13.87	3.25	2.72	5.77	-0.99	-1.44	-6.04	-2.91	
W250115075420001	KOTA	LADPURA	BORAWAS	Dug	75.70	25.02	1.35	7.15	468	3.70	0.00	1.82	1.47	4.60	0.00	0.65	1.15	0.90	0.00	-1.17	-0.32	
W245430075584001	KOTA	LADPURA	DARA	Dug	75.98	24.91	0.65	10.00	363	4.40	1.29	2.45	2.13	8.45	0.10	0.57	1.45	4.05	-1.19	-1.88	-0.68	
W251430076052001	KOTA	SULTANPUR	DIGOD1	Dug	76.09	25.24	1.20	6.25	262	1.81	0.78	1.31	1.20	1.25	0.05	0.63	0.25	-0.56	-0.73	-0.68	-0.95	
W251016076121201	KOTA	SULTANPUR	Gadepan_Pz	Pz	76.20	25.17	0.00	60.00	254.023	0.00	0.20	0.00	0.43	0.00	0.25	0.00	1.30	0.00	0.05	0.00	0.87	
W253433076183601	KOTA	ITAWA	GAINTA	Dug	76.31	25.58	0.94	27.00	224	23.72	18.00	20.47	23.35	22.76	13.16	21.56	23.11	-0.96	-4.84	1.09	-0.24	
W251324075494601	KOTA	LADPURA	GIRDHARPURA	Dug	75.83	25.22	0.00	7.00	253	5.22	2.49	3.65	3.50	5.71	1.11	2.41	3.21	3.49	-1.38	-1.24	-0.29	
W251557075545501	KOTA	LADPURA	GUDLI	Dug	75.92	25.27	0.88	14.82	250	4.73	3.67	1.90	0.82	7.92	1.32	1.22	2.22	3.19	-2.35	-0.68	1.40	
W252615076240001	KOTA	ITAWA	KESHAVPURA	Dug	76.40	25.44	0.90	12.12	247	5.43	3.02	4.19	3.61	4.75	0.24	2.30	2.10	-0.68	-2.78	-1.89	-1.51	
W254041076283001	KOTA	ITAWA	KHATOLI	Dug	76.48	25.68	0.90	15.50	208	13.45	11.15	13.25	13.59	14.45	6.15	7.75	12.00	1.00	-5.00	-5.50	-1.59	
W250716075575601	KOTA	LADPURA	KHERARASULPUR	Dug	75.97	25.12	0.69	11.83	259	7.49	3.63	6.31	6.30	9.36	0.81	4.26	4.11	1.87	-2.82	-2.05	-2.19	
W251100075510001	KOTA	LADPURA	KOTA1	Dug	75.85	25.18	0.59	18.31	261	5.12	5.14	4.60	4.38	5.46	5.16	4.81	5.01	0.34	0.02	0.22	0.63	
W245600075560001	KOTA	LADPURA	MANDANA	Dug	75.93	24.93	0.68	13.42	373	4.04	1.09	2.46	2.90	3.47	0.32	1.72	3.92	-0.57	-0.77	-0.74	1.02	
W252209076094501	KOTA	SULTANPUR	MANDAVRA	Dug	76.16	25.37	0.68	16.28	219	0.00	7.31	7.67	8.34	0.00	1.43	2.12	3.57	0.00	-5.88	-5.55	-4.77	
W250600076121801	KOTA	SANGOD	RAJGARH1	Dug	76.21	25.10	0.10	22.90	251	11.34	9.28	10.03	9.91	11.85	1.05	5.00	6.10	0.51	-8.23	-5.03	-3.81	
W252200076180001	KOTA	SULTANPUR	RATTANPURA	Dug	76.30	25.37	0.80	21.17	235	17.35	15.03	17.50	17.94	18.40	13.33	16.50	16.95	1.05	-1.70	-1.00	-0.99	
W264847074352801	NAGAU	PARBATSAR	Bagot_DW	Dug	74.59	26.81	0.50	46.30	424.694	0.00	0.00	0.00	44.05	0.00	0.00	0.00	39.80	0.00	0.00	0.00	-4.25	
W273413074260001	NAGAU	LADNU	BANKALIA	Dug	74.43	27.57	2.68	49.32	326	25.93	24.98	24.89	25.89	26.12	23.12	22.82	23.22	0.19	-1.86	-2.07	-2.67	
W262920074063501	NAGAU	RIYAN BARI	Bhawal_Pz	Pz	74.11	26.49	1.15	80.00	329.804	9.65	0.00	9.13	10.85	29.55	0.00	10.45	10.65	19.90	0.00	1.32	-0.20	
W270915074204501	NAGAU	DIDWANA	CHHOTI KHATU	Dug	74.35	27.15	1.00	43.00	346	29.48	25.57	24.72	25.96	20.90	13.90	13.60	16.10	-8.58	-11.67	-11.12	-9.86	
W272755073365801	NAGAU	NAGAU	CHILO	Dug	73.62	27.47	0.68	36.00	305	33.51	33.25	33.47	33.43	35.02	33.22	32.62	33.82	1.51	-0.03	-0.85	0.40	
W265547074151801	NAGAU	DEGANA	CHOSLI	Dug	74.26	26.93	1.78	55.00	342	43.42	43.70	44.52	45.74	50.92	51.87	52.42	7.50	8.22	7.35	6.68		
W272215074390001	NAGAU	DIDWANA	DAULATPURA	Dug	74.65	27.37	2.12	38.00	358	0.00	29.92	29.99	29.99	0.00	0.00	25.68	26.08	0.00	-4.24	-3.91		
W264905074211701	NAGAU	DEGANA	Degana (GWD)	PZ	74.35	26.82	1.00	100.00	339	27.95	27.42	27.43	28.77	29.65	28.50	15.00	29.90	1.70	1.08	-12.43	1.13	
W270800073173801	NAGAU	NAGAU	KHEENVARSAR	Dug	73.29	27.13	2.12	60.00	306	54.32	54.59	54.59	54.58	57.08	56.38	56.48	54.98	2.76	1.79	1.89	0.40	
W272400074330001	NAGAU	DIDWANA	DIDWANA1	Dug	74.55	27.40	0.00	31.63	343	15.02	14.47	0.00	14.77	16.18	13.83	0.00	13.93	1.16	-0.64	0.00	-0.84	
W263540073501401	NAGAU	MERTA	Gathiya_Pz	Pz	73.84	26.59	0.80	160.00	295	83.70	0.00	84.30	0.00	87.80	0.00	88.30	0.00	4.10	0.00	4.00	0.00	
W271034073081601	NAGAU	KHEENVARSAR	Karnoo_Pz	Pz	73.14	27.18	0.80	150.00	281.931	89.95	90.20	91.12	97.40	97.50	97.70	98.10	7.45	7.30	6.70	6.98		
W265741073433901	NAGAU	MUNDWA	Khur Khura Khurd	Pz	73.73	26.96	1.00	160.00	318	0.00	109.00	108.00	107.00	0.00	108.80	108.92	108.95	0.00	-0.20	0.92	1.95	
W272045074290001	NAGAU	DIDWANA	KOLIA	Dug	74.48	27.35	1.27	35.00	332	0.00	26.66	21.07	24.01	0.00	24.93	24.13	18.18	0.00	-1.73	3.06	-5.83	
W272045074290002	NAGAU	DIDWANA	Kolia_Pz	PZ	74.48	27.35	0.50	100.00	332	17.12	17.69	18.85	18.23	22.10	18.75	17.60	18.40	4.98	1.06	-1.25	0.17	
W270841074515801	NAGAU	KUCHAMAN CITY	Kuchaman_Pz	Pz	74.87	27.14	1.00	100.00	384	55.30	55.30	55.78	57.90	56.30	54.55	54.65	57.00	1.00	-0.75	-1.13	-0.90	
W265643073594501	NAGAU	MUNDWA	KUCHERA	PZ	74.00	26.95	0.90	74.00	315	50.49	50.34	49.67	49.92	49.80	51.80	51.50	50.00	-0.69	1.46	1.83	0.08	
W273340074152001	NAGAU	LADNU	Manu	Pz	74.26	27.56	1.00	100.00	332	40.01	39.92	41.27	46.50	45.60	37.10	37.15	39.15	5.59	-2.82	-4.12	-7.35	
W264331073552901	NAGAU	MERTA	Merta Road_Pz	Pz	73.92	26.73	1.00	119.00	317.661	0.00	100.00	85.60	88.00	0.00	87.30	87.40	86.40	0.00	-12.70	1.80	-1.60	
W265442073224201	NAGAU	KHEENVARSAR	Nagari	Pz	73.38	26.91	1.00	180.00	294.891	109.00	107.00	108.00	0.00	101.30	101.50	102.10	0.00	-7.70	-5.50	-5.90	0.00	
W271100073450001	NAGAU	NAGAU	Nagaur1 (GWD)	PZ	73.75	27.18	0.70	100.00	295	29.03	25.59	28.54	26.95	24.50	23.00	22.40	23.20	-4.53	-2.59	-6.14	-3.75	
W264532073461501	NAGAU	MERTA	Nokha Chandwata_Pz	Pz	73.77	26.76	1.10	150.00	346.585	0.00	109.00	0.00	0.00	0.00	115.00	0.00	0.00	0.00	6.00	0.00	0.00	
W272231074310001	NAGAU	DIDWANA	RAGHUNATHPURA	Dug	74.52	27.38	2.64	45.36	340	29.03	26.62	25.35	27.78	38.46	20.86	20.26	28.56	9.43	-5.76	-5.09	0.78	
W270520074252301	NAGAU	MAKRANA	Rani Gaon_Pz	Pz	74.42	27.09	1.00	72.00	353.754	0.00	45.70	45.60	47.40	0.00	46.75	46.18	49.90	0.00	1.05	0.58	2.50	
W263200074150001	NAGAU	RIYAN BARI	RIAN	Dug	74.25	26.53	1.63	46.00	351	41.83	40.12	39.68	40.92	40.57	30.42	34.47	36.17	-1				

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W250930073125801	PALI	BALI	PERWA	Dug	73.22	25.16	1.25	15.00	300	10.84	5.90	6.07	7.50	13.65	6.35	3.90	5.12	2.81	0.45	-2.17	-2.38
W261200073490001	PALI	JAITARAN	PRITHIPURA	Dug	73.82	26.20	1.25	36.00	284	24.44	23.36	22.46	22.32	22.25	20.95	21.25	21.25	-2.19	-2.41	-1.21	-1.07
W251100073173001	PALI	BALI	RADAWAS	Dug	73.29	25.18	0.98	24.03	306	16.49	12.94	12.11	13.30	18.32	9.12	6.72	8.49	1.83	-3.82	-5.39	-4.81
W250659073282101	PALI	DESURI	RANAKPUR	Dug	73.47	25.12	2.13	16.46	419	3.63	1.85	3.87	3.09	5.67	2.37	2.55	3.09	2.04	0.52	-1.32	0.00
W255705073083501	PALI	ROHAT	ROHAT1	PZ	73.14	25.95	0.92	24.00	189	1.83	0.68	1.16	1.46	2.18	0.68	0.38	0.86	0.35	0.00	-0.78	-0.60
W251045073274501	PALI	DESURI	SADRI	Dug	73.46	25.18	0.70	19.80	359	7.68	0.00	5.95	7.00	12.40	0.00	4.64	7.40	4.72	0.00	-1.31	0.40
W251855073105801	PALI	SUMERPUR	SANDERAO	Dug	73.18	25.32	1.05	17.20	256	9.48	5.67	6.80	7.66	3.75	5.60	5.22	5.54	-5.73	-0.07	-1.58	-2.12
W255728073230001	PALI	SOJAT	SARDARSAMAD	Dug	73.38	25.96	0.90	17.00	219	5.38	5.46	5.77	5.06	4.90	2.40	1.50	1.20	-0.48	-3.06	-4.27	-3.86
W254328072580001	PALI	ROHAT	VAED	Dug	72.97	25.72	1.31	16.81	173	9.18	6.02	7.07	7.85	6.27	2.99	3.66	3.67	-2.91	-3.03	-3.41	-4.18
W235400074484501	PRATAPGARH	ARNOD	Arnod Pz	Pz	74.81	23.90	1.00	60.00	511	13.09	4.68	6.65	8.08	16.40	2.30	4.40	9.10	3.31	-2.38	-2.25	1.02
W241054074421001	PRATAPGARH	PRATAPGARH	Barawarda	Dug	74.70	24.18	0.21	19.79	406	10.26	1.22	2.46	4.14	13.64	0.74	1.79	1.14	3.38	-0.48	-0.67	-3.00
W242310074420001	PRATAPGARH	CHHOTI SADRI	Choti Sadri	Dug	74.70	24.39	0.43	25.68	494	16.00	4.08	7.76	7.73	11.92	0.62	1.17	2.27	-4.08	-3.46	-6.59	-5.46
W240202074393101	PRATAPGARH	PRATAPGARH	Devgarh	Dug	74.66	24.03	0.50	6.00	526	3.90	1.38	2.39	1.83	5.00	0.85	2.50	2.65	1.10	-0.53	0.11	0.82
W241600074403001	PRATAPGARH	CHHOTI SADRI	Dholapani	Dug	74.68	24.27	0.60	7.00	417	4.62	1.17	1.92	3.22	3.80	0.70	1.40	1.66	-0.82	-0.47	-0.52	-1.56
W240533074284701	PRATAPGARH	DHARIAWAD	Jawahar Nagar	Dug	74.48	24.09	0.70	8.37	233	5.19	0.00	3.91	3.58	4.70	0.00	2.80	2.85	-0.49	0.00	-1.11	-0.73
W234433074405901	PRATAPGARH	PEEPALKHOONT	JHATIA BARI	Dug	74.68	23.74	0.94	7.56	339	5.52	1.86	2.58	2.96	6.24	1.26	3.24	5.34	0.72	-0.60	0.66	2.38
W240200074273001	PRATAPGARH	DHARIAWAD	KHUNTA	Dug	74.46	24.03	0.70	7.60	252	5.45	1.69	3.19	3.33	8.20	1.50	3.70	4.10	2.75	-0.19	0.51	0.77
W235038074381601	PRATAPGARH	PEEPALKHOONT	Lamba Dabra	Dug	74.64	23.84	0.00	16.20	368	7.32	2.58	4.11	3.60	6.70	2.30	4.20	3.06	-0.62	-0.28	0.09	-0.54
W234630074513001	PRATAPGARH	ARNOD	Moheda	Dug	74.86	23.78	0.50	18.50	505	11.19	2.46	3.97	6.17	7.65	1.00	1.40	6.21	-3.54	-1.46	-2.57	0.04
W240127074523101	PRATAPGARH	PRATAPGARH	Mokhampura	Dug	74.88	24.02	0.00	20.00	499	16.49	0.00	0.00	9.73	12.90	0.00	0.00	4.40	-3.59	0.00	0.00	-5.33
W235736074260501	PRATAPGARH	DHARIAWAD	Mungana	Dug	74.43	23.96	0.00	13.56	215	11.04	2.76	5.75	7.19	11.20	3.76	4.86	9.09	0.16	1.00	-0.89	1.90
W233730074515901	PRATAPGARH	ARNOD	Ninor	Dug	74.87	23.63	1.00	10.36	532	5.68	0.91	1.52	2.57	4.65	0.35	2.60	1.63	-1.03	-0.56	1.08	-0.94
W233733074515701	PRATAPGARH	ARNOD	Ninor Pz	PZ	74.87	23.63	1.00	150.00	532	9.65	4.01	3.98	5.39	8.85	1.70	1.80	1.62	-0.80	-2.31	-2.18	-3.77
W237475074340001	PRATAPGARH	PEEPALKHOONT	Peepalkhoont	Dug	74.57	23.80	0.23	16.00	221	10.69	4.52	4.98	7.61	14.07	1.27	7.47	9.85	3.38	-3.25	2.49	2.24
W234622074383401	PRATAPGARH	PEEPALKHOONT	Pipli Chowk Ghantiyali	Dug	74.64	23.77	1.00	16.00	327	0.00	0.00	6.40	12.30	0.00	0.00	8.00	9.22	0.00	0.00	1.60	-3.08
W240207074470001	PRATAPGARH	PRATAPGARH	Pratapgarh	Dug	74.78	24.04	0.00	11.00	507	7.82	3.37	5.91	6.23	7.50	2.75	4.80	5.70	-0.32	-0.62	-1.11	-0.53
W240430074343001	PRATAPGARH	PRATAPGARH	Punga Talab	Dug	74.58	24.08	0.21	12.99	363	0.00	1.26	3.08	5.52	0.00	0.59	2.79	2.60	0.00	-0.67	-0.29	-0.92
W240200074583901	PRATAPGARH	PRATAPGARH	RAJPURIA	Dug	74.98	24.03	0.52	13.18	447	0.00	8.01	7.12	8.07	0.00	4.48	4.88	4.90	0.00	-3.53	-2.24	-3.17
W235453074422601	PRATAPGARH	PEEPALKHOONT	Suhagpura	Dug	74.71	23.91	0.10	14.00	438	11.52	1.67	3.06	6.32	9.55	0.80	2.90	4.67	-1.97	-0.87	-0.16	-1.65
W253000073501901	RAJSAMAND	BHIM	BAGHANA	Dug	73.84	25.50	0.74	17.86	658	13.65	7.55	6.29	8.57	11.66	1.16	2.16	1.51	-1.99	-6.39	-4.13	-7.06
W255000074050001	RAJSAMAND	BHIM	BALI1	Dug	74.08	25.83	1.30	12.82	549	9.13	4.94	4.34	7.51	8.90	0.60	3.50	2.65	-0.23	-4.34	-0.84	-4.86
W254000074010001	RAJSAMAND	BHIM	BARAR	Dug	74.02	25.67	0.80	20.63	645	14.33	5.47	6.25	10.31	19.50	2.05	3.20	4.60	5.17	-3.42	-3.05	-5.71
W254436074044501	RAJSAMAND	BHIM	Bhim	Dug	74.08	25.74	1.10	25.60	577.797	6.95	0.10	6.60	0.00	6.85	0.80	1.00	0.00	-0.10	0.70	-5.60	0.00
W251530073431501	RAJSAMAND	KUMBHALGARH	Bhop Ji Ki Bhagal	PZ	73.72	25.26	1.15	129.00	725	11.47	10.10	4.10	14.62	14.40	8.95	8.85	9.90	2.93	-1.15	4.75	-4.72
W251429073572201	RAJSAMAND	AMET	CHATTARPUR	Dug	73.96	25.24	0.62	25.00	583	15.63	10.38	10.56	13.93	14.83	10.58	9.38	9.72	-0.80	0.02	-1.00	-4.21
W252515073492001	RAJSAMAND	BHIM	DEWAIR	Dug	73.82	25.42	2.00	15.39	738	10.84	5.08	4.19	6.29	8.10	0.90	5.20	2.00	-2.74	-4.18	1.01	-4.29
W250219073340001	RAJSAMAND	KUMBHALGARH	DOWAS	Dug	73.57	25.04	1.13	11.00	1131	5.49	2.11	4.09	3.56	9.52	2.92	2.17	2.89	4.03	0.81	-1.92	-0.67
W250730073420001	RAJSAMAND	KUMBHALGARH	Gajpur	PZ	73.70	25.13	1.00	100.00	887	17.99	10.98	11.70	12.91	23.15	17.90	15.70	14.58	5.16	6.92	4.00	1.67
W245414074060001	RAJSAMAND	RAILMAGRA	GAVARDI	Dug	74.10	24.90	1.35	20.87	482	11.82	8.83	9.86	9.93	12.70	7.75	9.55	7.40	0.89	-1.08	-0.31	-2.53
W254700074110001	RAJSAMAND	BHIM	GHATA	Dug	74.18	25.78	0.80	15.60	538	12.09	6.78	6.60	8.43	13.60	11.95	5.60	6.53	1.51	5.17	-1.00	-1.90
W251642073465801	RAJSAMAND	KUMBHALGARH	Gomti Chouraha	PZ	73.78	25.28	0.90	100.00	668	0.00	4.67	13.67	7.79	0.00	4.35	6.25	7.08	0.00	-0.32	-7.42	-0.71
W251400073530001	RAJSAMAND	AMET	GUGLI	Dug	73.88	25.23	0.43	25.00	609	17.60	9.82	8.70	14.05	22.77	11.07	14.07	12.97	5.17	1.25	5.37	-1.08
W251338073401501	RAJSAMAND	KUMBHALGARH	JHILWARA	Dug	73.67	25.23	1.51	18.86	758	14.14	8.73	8.76	10.43	15.04	9.99	5.19	6.84	0.90	1.26	-3.57	-3.59
W250600073360001	RAJSAMAND	KUMBHALGARH	KALWANA	Dug	73.60	25.10	0.50	14.00	857	11.01	5.03	5.49	7.44	11.55	4.10	4.55	3.91	0.54	-0.93	-0.94	-3.53
W245736073330001	RAJSAMAND	KUMBHALGARH	KANCHOLI	Dug	73.55	24.96	1.15	14.35	799	8.13	3.91	3.46	5.40	9.95	4.15	2.75	2.66	1.82	0.24	-0.71	-2.74
W250600073364801	RAJSAMAND	KUMBHALGARH	KELWARA	Dug	73.61	25.10	0.41	11.09	829	6.37	3.84	3.31	4.24	7.49	3.19	3.69	4.49	1.12	-0.65	0.38	0.25
W245500073440001	RAJSAMAND	KHAMNOR	KHAMNOR1	Dug	73.73	24.92	0.00	17.00	613	0.00	8.71	7.91	12.25	0.00	5.70	4.15	5.99	0.00	-3.01	-3.76	-6.26
W250700074050001	RAJSAMAND	RAILMAGRA	KHANDEL1	Dug	74.08	25.12	0.21	18.00	511	0.00	8.70	7.50	8.84	0.00	6.74	5.49	5.16	0.00	-1.96	-2.01	-3.68
W250209073465001	RAJSAMAND	KUMBHALGARH	KITELA	Dug	73.78	25.34	0.34	17.16	696	9.92	0.00	5.82	7.19	10.31	0.00	2.66	4.56	0.39	0.00	-3.16	-2.63
W251417073472001	RAJSAMAND	KUMBHALGARH	MANSINGH KAGURA	Dug	73.79	25.24	0.29	17.81	662	7.54	4.72	3.86	5.51	6.26	2.01	4.91	3.95	-1.28	-2.71	1.05	-1.56
W250751073510001	RAJSAMAND	RAJSAMAND	MOKAMPURA	Dug	73.85	25.13	0.61	17.00	586	10.81	5.54	5.18	5.74	10.74	1.29	5.09	1.90	-0.07	-4.25	-0.09	-3.84
W251210073514701	RAJSAMAND	RAJSAMAND	NADIAWALA	Dug	73.86	25.20	0.61	22.00	592	17.03	12.11	11.99	13.84	19.54	9.19	10.44	10.89	2.51	-2.92	-1.55	-2.95
W250200074001401	RAJSAMAND	RAILMAGRA	ODA1	Dug	74.00	25.03	0.82	18.00	516	5.01	2.93	1.84	4.40	5.23	2.38	3.03	0.70	0.22	-0.55	1.19	-3.70
W245400073490001	RAJSAMAND	KHAMNOR	ODAN	Dug	73.82	24.90	0.61	13.53	618	6.94	2.60	3.22	3.39	5.49	2.29	3.69	2.57	-1.45	-0.31	0.47	-0.82
W250200074070001	RAJSAMAND	RAILMAGRA	RAILMAGRA1	Dug	74.12	25.03	0.88	21.00	491	0.00	9.80	7.73	12.02	0.00	0.88	2.92	4.70	0.00	-8.92	-4.81	-7.32
W250400073530001	RAJSAMAND	RAJSAMAND	RAJSAMAND	Dug	73.88	25.07	1.03	20.20	547	12.35	5.48	8.25	9.59	4.27	3.67	5.97	1.87	-8.08	-1.81	-2.28	-7.72
W255100074080001	RAJSAMAND																				

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W260100076273001	SAWAI MADHOPUR	SAWAI MADHOPUR	RANTHAMBOR	Dug	76.46	26.02	1.05	14.64	403	9.28	7.44	6.90	7.61	9.75	5.75	5.35	5.75	0.47	-1.69	-1.55	-1.86
W263130076501301	SAWAI MADHOPUR	GANGAPUR	SEWA	Dug	76.84	26.53	1.07	13.00	269	7.41	4.46	4.85	6.78	8.33	5.90	5.90	6.03	0.92	1.45	1.08	-0.75
W260515076214001	SAWAI MADHOPUR	SAWAI MADHOPUR	SURWAL	Dug	76.36	26.09	0.00	15.00	246	0.00	8.70	8.01	7.85	0.00	5.78	3.77	4.27	0.00	-2.92	-4.24	-3.58
W262200076234801	SAWAI MADHOPUR	BONLI	TOND	Dug	76.40	26.37	0.81	16.90	244	6.84	2.33	3.96	3.05	1.74	0.33	0.29	0.94	-5.10	-2.00	-3.67	-2.11
W272503075490001	SIKAR	SRIMADHOPUR	Ajitgarh	PZ	75.82	27.42	0.95	92.90	531	40.49	43.93	42.50	42.70	43.85	48.82	48.80	48.88	3.37	4.89	6.31	6.18
W273001074562902	SIKAR	DHOND	Anokhu_Pz	PZ	74.94	27.50	0.65	90.00	405	63.94	67.91	70.30	67.72	72.65	73.58	72.91	72.40	8.71	5.67	2.61	4.68
W271900075174201	SIKAR	BAI2	DANTA RAMGARH	PZ	75.30	27.32	0.86	41.00	423	17.49	16.49	16.44	17.35	19.29	17.85	16.99	17.17	1.80	1.36	0.55	0.36
W275455075080701	SIKAR	LACHHMANGARH	BALARAN	PZ	75.14	27.92	1.43	87.66	338	52.64	51.04	51.79	51.07	56.42	59.57	57.84	57.57	3.78	8.53	6.05	6.50
W274454075525401	SIKAR	NEEM KA THANA	Barala	Dug	75.88	27.75	1.50	22.00	418	10.81	4.96	10.16	7.53	6.10	5.85	11.10	9.15	-4.71	0.89	0.94	1.62
W274730075063601	SIKAR	LACHHMANGARH	Bau	PZ	75.11	27.79	1.00	101.10	385	65.75	67.60	68.93	76.15	74.84	74.12	75.20	10.40	10.71	7.24	6.57	6.27
W275328074544601	SIKAR	FATEHPUR	Bibipur	PZ	74.91	27.89	0.60	90.00	335	43.35	44.32	43.74	45.39	46.40	44.11	43.52	44.16	3.06	-0.21	-0.22	-1.23
W275547074535701	SIKAR	FATEHPUR	Bikamsara	PZ	74.90	27.93	0.60	88.50	331	40.56	40.46	39.55	39.77	43.25	40.65	39.99	40.10	2.70	0.19	0.44	0.33
W273058074535301	SIKAR	DHOND	Binjyasi	PZ	74.90	27.52	0.97	101.00	421	65.06	65.95	63.63	63.88	68.00	67.47	66.51	67.30	2.94	1.52	2.89	3.42
W275205075004901	SIKAR	LACHHMANGARH	CHINCHAS	PZ	75.01	27.87	0.97	88.90	348	50.05	50.32	49.04	49.72	53.33	51.29	50.81	51.45	3.28	0.97	1.77	1.73
W274715074583101	SIKAR	LACHHMANGARH	Datunjala	PZ	74.98	27.79	1.00	87.00	356	52.88	52.71	53.34	53.83	57.90	55.86	54.93	56.07	5.02	3.15	1.59	2.24
W274543074484901	SIKAR	LACHHMANGARH	Dewan Ji Ka Bas	PZ	74.81	27.76	0.60	84.00	348	46.52	46.46	46.46	47.06	48.55	43.00	42.38	46.45	2.03	-3.46	-4.08	-0.61
W280335074561601	SIKAR	FATEHPUR	Dewas	PZ	74.94	28.06	1.00	76.40	316	35.99	35.47	35.69	36.18	37.85	35.05	34.79	35.97	1.86	-0.42	-0.90	-0.21
W272900075330001	SIKAR	KHANDELA	Dhaliawas	PZ	75.55	27.48	1.00	64.00	480	0.00	47.84	48.71	48.27	0.00	63.00	63.00	62.30	0.00	15.16	14.29	14.03
W280529074514901	SIKAR	FATEHPUR	Dhanadhan	PZ	74.86	28.09	0.60	94.50	313	34.68	34.22	34.69	34.68	37.50	34.70	34.50	34.90	2.82	0.48	-0.19	0.22
W273000074590002	SIKAR	DHOND	DHOD	PZ	74.98	27.50	0.81	111.00	425	69.12	70.00	69.91	70.30	80.89	79.86	82.17	80.29	11.77	9.86	12.26	9.99
W273217075271901	SIKAR	KHANDELA	Dhudhwalo Ka Bas	PZ	75.46	27.54	1.00	73.00	503	57.37	57.48	57.85	57.23	64.20	64.26	67.10	67.00	6.83	6.78	9.25	9.77
W274246074491601	SIKAR	LACHHMANGARH	Garoda	PZ	74.82	27.71	0.00	81.00	348	41.93	41.65	41.83	41.96	44.10	43.94	43.12	44.10	2.17	2.30	1.29	2.14
W273945074532701	SIKAR	LACHHMANGARH	GHANA	PZ	74.89	27.66	0.96	98.50	365	61.21	61.31	59.87	61.22	67.29	67.51	67.68	67.84	6.08	6.21	7.81	6.62
W273445075110001	SIKAR	PIPRALI	GOKALPURA	PZ	75.18	27.58	1.70	90.10	451	55.59	57.73	57.10	57.26	64.45	64.78	63.25	65.15	8.86	7.05	6.15	7.89
W273300075151401	SIKAR	PIPRALI	Goriya	PZ	75.25	27.55	1.00	83.00	451	24.43	24.69	24.44	24.90	33.60	33.92	32.40	33.66	9.17	9.23	7.96	8.76
W275454074594701	SIKAR	FATEHPUR	Harsawa Bara	PZ	75.00	27.92	0.90	93.50	344	46.50	46.49	42.42	46.59	47.90	47.54	46.76	47.50	1.40	1.05	4.34	0.91
W274742074522501	SIKAR	LACHHMANGARH	JAIOD	PZ	74.87	27.80	1.07	91.50	346	51.52	51.41	51.70	51.37	53.88	52.63	52.10	52.88	2.36	1.22	0.40	1.51
W272315075030001	SIKAR	DANTA RAMGARH	KARANPURA	PZ	75.05	27.39	1.00	82.50	460	68.26	69.56	68.91	68.39	71.95	71.11	70.30	71.35	3.69	1.55	1.39	2.96
W272200075240001	SIKAR	DANTA RAMGARH	Khatu Shyamji	PZ	75.40	27.37	1.00	64.00	448	23.95	23.87	23.97	24.77	32.10	31.60	30.82	32.05	8.15	7.73	6.85	7.28
W273700075060002	SIKAR	PIPRALI	Nani	PZ	75.10	27.62	1.00	131.00	421	56.47	56.11	56.33	57.09	61.70	58.99	57.58	58.65	5.24	2.88	1.25	1.56
W272550075423701	SIKAR	SRIMADHOPUR	Nathusar	PZ	75.71	27.43	1.00	66.00	482	32.87	34.84	37.32	38.97	52.15	51.08	51.60	51.75	19.28	16.24	14.28	12.78
W273700074461201	SIKAR	LACHHMANGARH	NECHWA	PZ	74.77	27.62	1.00	69.00	357	41.64	41.77	40.88	41.25	46.20	44.20	43.30	44.40	4.56	2.44	2.42	3.15
W272943075211701	SIKAR	PIPRALI	PALSANA	PZ	75.35	27.50	1.01	62.00	492	44.48	43.68	43.97	41.72	48.09	48.09	46.78	44.94	3.61	4.41	2.81	3.22
W274800075590001	SIKAR	PATAN	PATAN	Dug	75.98	27.80	0.68	18.00	418	11.69	8.39	10.81	11.12	13.90	13.74	8.34	9.62	2.21	5.35	-2.47	-1.50
W273828075150003	SIKAR	PIPRALI	Piprali Pz	PZ	75.25	27.64	0.60	100.00	478	66.33	66.45	66.62	67.83	68.85	70.59	70.27	70.55	2.53	4.14	3.65	2.72
W280424074492301	SIKAR	FATEHPUR	Ramsisar	PZ	74.82	28.07	1.00	90.00	313	34.91	35.05	35.10	35.04	36.90	35.00	34.72	35.10	1.99	-0.05	-0.38	0.06
W280300074520002	SIKAR	FATEHPUR	ROHALSOBHAR	PZ	74.87	28.05	1.00	105.00	313	35.92	35.80	35.72	36.98	36.70	34.90	34.17	36.00	0.78	-0.90	-1.55	-0.98
W280824074573501	SIKAR	FATEHPUR	ROOKANSAR	PZ	74.96	28.14	0.94	87.04	306	32.54	32.30	32.64	30.50	33.16	31.64	30.39	31.32	0.62	-0.66	-2.25	0.82
W275021074533202	SIKAR	LACHHMANGARH	Roru Badi_I	PZ	74.89	27.84	0.90	78.00	344	43.55	43.48	43.50	43.77	45.90	43.75	42.87	43.80	2.35	0.28	-0.63	0.03
W275021074533201	SIKAR	LACHHMANGARH	Roru Badi_II	PZ	74.89	27.84	0.80	78.00	344	43.63	42.18	43.69	43.75	45.70	43.60	42.80	43.85	2.07	1.42	-0.89	0.10
W273836075061901	SIKAR	DHOND	Sabalpura	PZ	75.11	27.64	1.00	137.50	423	65.05	65.74	67.18	69.17	78.00	79.84	79.62	81.08	12.95	14.11	12.44	11.91
W275152074514101	SIKAR	LACHHMANGARH	Sekhiwas	PZ	74.86	27.86	0.60	79.00	338	41.33	41.79	42.10	44.45	41.80	42.51	42.06	3.12	0.37	0.72	-0.04	
W245720072533001	SIROHI	SHEOGANJ	AMBESHWARJI	Dug	72.89	24.96	0.07	25.43	279	4.40	2.43	2.77	2.75	5.83	1.53	2.33	3.16	1.43	-0.88	-0.44	0.41
W243800072390001	SIROHI	REODAR	Anadara	PZ	72.65	24.63	1.00	150.00	272	18.56	13.50	14.07	16.18	19.80	17.90	16.91	17.20	1.24	4.40	2.84	1.02
W245943072430001	SIROHI	SIROHI	BARLOT	Dug	72.72	25.00	1.03	35.00	230	25.37	20.84	22.37	0.00	28.67	21.92	30.25	0.00	3.21	0.48	7.88	0.00
W244030072403001	SIROHI	REODAR	GULABGANJ	Dug	72.68	24.68	1.01	22.00	287	12.13	9.06	0.00	0.00	16.49	10.49	0.00	0.00	4.36	1.43	0.00	0.00
W243820072293001	SIROHI	REODAR	JIRAWAL	Dug	72.49	24.64	0.94	30.00	257	19.96	12.28	12.98	17.64	14.86	5.81	6.86	8.27	-5.10	-6.47	-6.12	-9.37
W245530072411501	SIROHI	SIROHI	KALANDRI	Dug	72.69	24.93	0.52	18.00	262	13.54	7.42	10.43	11.77	16.08	7.78	8.20	11.08	2.54	0.36	-2.23	-0.69
W243016072453301	SIROHI	ABU ROAD	Manpur2	PZ	72.76	24.50	0.74	150.00	250	17.99	6.31	8.52	11.51	13.67	3.97	5.17	6.97	-4.32	-2.34	-3.35	-4.54
W242900072410001	SIROHI	ABU ROAD	Mungthalla	PZ	72.68	24.48	0.35	150.00	252	0.00	8.14	9.42	8.25	0.00	7.85	7.08	8.63	0.00	-0.29	-2.34	0.38
W245152072490301	SIROHI	SIROHI	PALRI	Dug	72.82	24.86	0.83	22.00	349	0.00	11.30	8.31	15.18	0.00	2.57	4.14	6.47	0.00	-8.73	-4.17	-8.71
W250055072553001	SIROHI	SHEOGANJ	Palri M	Dug	72.93	25.02	1.00	48.00	260	39.38	28.57	28.51	27.28	43.80	39.30	40.87	43.80	4.43	10.73	12.36	16.53
W250505072580001	SIROHI	SHEOGANJ	Posaliya	PZ	72.97	25.08	1.10	150.00	253	27.44	16.68	19.05	33.40	21.80	20.42	27.84	5.96	8.41	3.74	8.79	
W243800072320001	SIROHI	REODAR	Reodar	PZ	72.53	24.63	1.00	150.00	256	19.32	15.07	16.50	17.49	20.10	14.65	14.80	16.88	0.78	-0.42	-1.70	-0.61
W243930072561001	SIROHI	PINDWARA	SARUPGANJ	Dug	72.94	24.66	1.22	25.00	334	16.80	6.66	0.00	0.00	22.48	5.48	0.00	0.00	5.68	-1.18	0.00	0.00
W245300072520																					

Decadal average water level and fluctuation of ground water regime monitoring stations of Rajasthan

Appendix II

Site_ID	District_Name	Block_Name	Location	Type	Long	Lat	MP	Depth	Elevation	Mean_May_19	Mean_Aug_19	Mean_Nov_19	Mean_Jan_20	WL_May_19	WL_Aug_19	WL_Nov_19	WL_Jan_20	Flu_May_19	Flu_Aug_19	Flu_Nov_19	Flu_Jan_20
W255150075165001	TONK	DEOLI	RAMTHALA	Dug	75.28	25.86	0.99	10.00	315	4.37	2.42	2.20	2.25	3.81	6.81	6.85	1.76	-0.56	4.39	4.65	-0.49
W260530075500001	TONK	TONK	Rustamganj	PZ	75.83	26.09	0.00	160.40	284	5.13	3.66	3.17	4.00	8.90	2.20	1.88	2.00	3.77	-1.46	-1.29	-2.00
W255400075350801	TONK	DEOLI	Sirohi2	PZ	75.59	25.90	1.00	173.50	308	3.74	1.16	0.00	0.00	5.20	2.10	0.00	0.00	1.46	0.94	0.00	0.00
W261430075510001	TONK	TONK	SOHELA	Dug	75.85	26.24	0.20	16.61	268	7.21	3.96	5.37	5.73	12.25	1.25	1.90	2.80	5.04	-2.71	-3.47	-2.93
W255330076104501	TONK	UNIARA	Sop1	PZ	76.18	25.89	0.63	150.00	262	15.49	9.18	13.74	15.51	35.20	3.15	3.20	3.25	19.71	-6.03	-10.54	-12.26
W260121075292001	TONK	TODARASINGH	TODARASINGH1	Dug	75.49	26.02	1.40	16.14	391	1.94	1.05	2.28	1.87	2.70	1.80	1.85	2.65	0.76	0.75	-0.43	0.78
W241344073211501	UDAIPUR	PHALASIYA	AMALIA	Dug	73.35	24.23	0.50	12.00	554	0.00	3.27	3.70	5.05	0.00	1.60	2.60	3.43	0.00	-1.67	-1.10	-1.62
W241505074250001	UDAIPUR	DHARIAWAD	ARAMPUR	Dug	74.42	24.25	0.50	7.30	407	4.52	0.60	1.33	2.39	4.25	0.15	0.30	0.65	-0.27	-0.45	-1.03	-1.74
W2410190735990701	UDAIPUR	SALUMBAR	BASSI	Dug	73.99	24.17	1.95	8.45	283	4.18	0.98	1.36	1.45	3.80	0.55	1.05	0.81	-0.38	-0.43	-0.31	-0.64
W243700074004601	UDAIPUR	BHINDAR	BHATEWAR	Dug	74.01	24.62	1.16	22.00	493	7.97	3.59	3.06	5.58	9.39	0.24	1.01	6.28	1.42	-3.35	-2.05	0.70
W243023074100101	UDAIPUR	BHINDAR	BHINDER	Dug	74.17	24.51	0.20	17.72	488	14.11	8.52	11.21	12.70	20.00	5.15	16.85	11.62	5.89	-3.37	5.64	-1.08
W243027074100001	UDAIPUR	BHINDAR	Bhinder_Pz	PZ	74.17	24.51	1.15	150.00	488	11.84	6.59	7.70	8.70	9.60	3.95	6.15	7.44	-2.24	-2.64	-1.55	-1.26
W244200073450002	UDAIPUR	BARGAON	CHIRWA	PZ	73.75	24.70	0.50	125.75	717	11.13	2.09	3.77	5.56	9.30	0.10	1.90	2.65	-1.83	-1.99	-1.87	-2.91
W241000074030001	UDAIPUR	JHALARA	DEOLA	Dug	74.05	24.17	0.80	8.16	257	4.09	1.79	2.06	2.66	3.30	1.50	2.60	1.99	-0.79	-0.29	0.54	-0.67
W241300073520001	UDAIPUR	SARADA	DINGRI	Dug	73.87	24.22	0.72	7.00	268	3.59	1.27	1.32	1.94	1.83	0.68	2.28	0.84	-1.76	-0.59	0.96	-1.10
W244500073584201	UDAIPUR	MAVLI	GADOLI	PZ	73.98	24.75	0.00	116.52	540	9.63	3.22	3.27	6.44	11.65	2.10	1.40	2.55	2.03	-1.12	-1.87	-3.89
W240900073210001	UDAIPUR	PHALASIYA	Garanwas	Dug	73.35	24.15	1.00	11.80	530	5.23	0.69	1.32	2.00	5.70	1.00	0.60	1.29	0.47	0.31	-0.72	-0.71
W241821073231601	UDAIPUR	PHALASIYA	Ghuri Mari	Dug	73.39	24.31	0.10	14.80	513	9.99	5.42	5.84	7.85	10.35	5.80	8.30	8.51	0.36	0.38	2.47	0.67
W242013074010701	UDAIPUR	SALUMBAR	GUREL	Dug	74.02	24.34	0.46	16.45	313	9.64	3.28	5.21	4.09	13.04	4.94	4.64	8.26	3.40	1.66	-0.57	4.17
W243248073552101	UDAIPUR	BHINDAR	HARIYAB	Dug	73.92	24.55	0.27	20.00	520	16.28	4.35	5.15	7.03	14.38	4.73	3.83	9.27	-1.90	0.38	-1.32	2.24
W240021073573201	UDAIPUR	SALUMBAR	INTALIKHARA	PZ	73.96	24.01	1.00	116.40	230	4.85	1.89	2.39	2.36	3.10	4.80	0.15	0.25	-1.75	2.91	-2.24	-2.11
W244800073280601	UDAIPUR	GOGUNDA	JASWANTGARH	Dug	73.47	24.80	0.00	17.79	837	10.67	7.28	5.65	8.37	11.40	2.90	5.00	10.73	0.73	-4.38	-0.65	2.36
W240005073453001	UDAIPUR	RISHABHDEV	KALAYANPURA	Dug	73.76	24.00	0.56	6.00	278	4.08	3.00	3.29	3.62	3.74	3.14	3.69	4.28	-0.34	0.14	0.40	0.66
W242600074160001	UDAIPUR	BHINDAR	KANOD	Dug	74.27	24.43	1.50	14.20	471	8.83	5.06	4.94	6.22	9.00	6.05	3.50	3.39	0.17	0.99	-1.44	-2.83
W243412073463501	UDAIPUR	GIRWA	KANPUR	Dug	73.78	24.57	0.64	15.41	565	8.95	2.01	2.43	4.67	9.96	0.21	1.11	2.63	1.01	-1.80	-1.32	-2.04
W245324073341201	UDAIPUR	SAYRA	KATHARI	Dug	73.57	24.89	0.00	6.80	803	3.30	1.51	1.69	2.59	3.30	1.60	1.70	1.49	0.01	0.09	0.01	-1.10
W241742074043001	UDAIPUR	SALUMBAR	KHAIRKA	Dug	74.08	24.30	0.90	10.00	315	4.22	2.42	3.31	3.51	4.75	3.80	4.45	1.70	0.53	1.38	1.14	-1.81
W243447074033301	UDAIPUR	BHINDAR	KHERODA	Dug	74.06	24.58	0.50	33.00	477	26.35	18.93	19.34	21.47	26.05	18.90	20.70	15.25	-0.30	-0.03	1.36	-6.22
W235900073360401	UDAIPUR	KHERWARA	KHERWARA	Dug	73.60	23.98	0.59	12.89	517	7.53	2.10	2.69	3.75	6.66	0.61	4.11	5.63	-0.87	-1.49	1.42	1.88
W240419074034701	UDAIPUR	JHALARA	KHOLRI	Dug	74.06	24.07	0.60	13.22	229	9.08	4.91	4.74	5.40	5.90	3.20	1.20	1.65	-3.18	-1.71	-3.54	-3.75
W24200073223501	UDAIPUR	PHALASIYA	Koliyari	PZ	73.38	24.33	1.00	125.00	556	2.17	1.60	2.30	0.00	2.30	1.40	2.65	0.00	0.13	-0.20	0.35	0.00
W242654073593001	UDAIPUR	KURAWAR	KURABAR	Dug	73.99	24.45	0.13	17.21	373	14.77	7.70	8.95	10.49	14.64	9.77	7.57	8.14	-0.13	2.07	-1.38	-2.35
W242120073230801	UDAIPUR	PHALASIYA	LUNIYARA	Dug	73.39	24.36	0.66	13.00	458	8.68	5.42	6.81	7.96	9.45	3.24	1.74	2.71	0.77	-2.18	-5.07	-5.25
W241459073185701	UDAIPUR	PHALASIYA	MANPUR	Dug	73.32	24.25	0.52	10.00	387	8.23	3.67	5.42	0.00	6.88	4.58	5.63	0.00	-1.35	0.91	0.21	0.00
W244700073590001	UDAIPUR	MAVLI	MAVLI1	Dug	73.98	24.78	0.75	24.82	494	19.19	13.72	12.16	14.04	21.60	15.50	12.05	12.55	2.41	1.78	-0.11	-1.49
W240431073260001	UDAIPUR	KHERWARA	Neecha Talab	Dug	73.43	24.08	0.50	10.50	419	5.64	1.05	1.61	2.51	7.60	1.00	1.50	2.06	1.96	-0.05	-0.11	-0.45
W243645073233301	UDAIPUR	GOGUNDA	PADAWALI	Dug	73.39	24.61	0.85	9.45	601	6.25	2.69	3.93	5.08	4.50	2.55	2.80	4.17	-1.75	-0.14	-1.13	-0.91
W241136073420001	UDAIPUR	SARADA	PARSHAD	Dug	73.70	24.19	0.50	8.20	395	5.90	3.04	3.48	5.14	7.35	3.35	2.95	3.43	1.45	0.31	-0.53	-1.71
W245241073254501	UDAIPUR	SAYRA	PUNAWALI	Dug	73.43	24.88	0.33	18.42	857	11.44	4.65	4.90	6.33	10.52	4.37	5.12	3.99	-0.92	-0.28	0.23	-2.34
W243730073410001	UDAIPUR	GIRWA	Ramgiri(badagaon)	Dug	73.68	24.63	0.50	15.50	615	10.40	5.41	4.84	6.32	14.80	2.80	1.30	3.04	4.40	-2.61	-3.54	-3.28
W240742074024801	UDAIPUR	SALUMBAR	SALUMBER1	Dug	74.05	24.13	0.62	11.58	255	9.54	5.61	6.22	7.15	10.78	3.28	4.28	4.96	1.24	-2.33	-1.94	-2.19
W244938073384401	UDAIPUR	BARGAON	SANGATH	Dug	73.65	24.83	0.86	21.00	747	0.00	10.18	10.01	13.07	0.00	6.04	4.99	9.01	0.00	-4.14	-5.02	-4.06
W240900073500001	UDAIPUR	SARADA	SARADA	Dug	73.83	24.15	0.25	17.54	286	7.79	6.52	5.37	6.40	6.25	7.95	8.25	5.63	-1.54	1.43	2.88	-0.77
W243021073425001	UDAIPUR	GIRWA	SAVINA	Dug	73.71	24.51	0.00	34.00	583	4.05	2.55	3.21	3.43	5.30	1.25	3.25	2.96	1.25	-1.30	0.04	-0.47
W240353073510001	UDAIPUR	SEMARI	SEMARI	Dug	73.85	24.06	0.60	7.03	288	5.28	2.60	3.02	3.02	5.50	1.50	1.84	5.82	0.22	-1.10	-0.53	2.80
W243527073393101	UDAIPUR	GIRWA	Sisarma	Dug	73.66	24.59	2.80	19.90	646	0.00	5.13	5.82	8.31	0.00	6.10	2.63	5.73	0.00	0.97	-3.19	-2.58
W241015073203501	UDAIPUR	PHALASIYA	SOM1	Dug	73.34	24.17	0.94	15.56	634	0.00	0.00	6.73	8.47	0.00	0.00	7.16	4.39	0.00	0.00	0.43	-4.08
W244635073375901	UDAIPUR	BARGAON	SRIMALI KI KARIA	Dug	73.63	24.78	0.95	20.34	895	11.59	2.77	1.84	5.71	14.45	6.95	1.30	0.67	2.86	4.18	-0.54	-5.04
W242945073364501	UDAIPUR	GIRWA	UNDRI	Dug	73.61	24.50	1.80	10.00	685	5.66	1.23	1.87	4.43	6.80	2.40	0.60	0.45	1.15	1.17	-1.27	-3.98

Chemical analysis results of samples collected during NHS monitoring 2019

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS/cm at 25° C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
1	Rajasthan	W262700075040001	AJMER	ARAIN	ARIAN	75.067	26.45	8.39	2080	120	475	212	178	5.9	0.02	440	64	68	278	32	1.66	1352	589.34	5.77	55.7
2	Rajasthan	W255430074120001	AJMER	JAWAJA	BAGLIAS	74.2	25.908	7.95	1810	0	329	248	280	6.7	0.06	520	72	58	225	6.4	0.67	1177	269.67	3.45	42.71
3	Rajasthan	W261245075021001	AJMER	ARAIN	Barora	75.036	26.213	8.2	6200	0	903	744	1267	40.0	0.01	1100	176	160	925	28	1.05	4030	740.16	12.13	63.92
4	Rajasthan	W255324075140001	AJMER	KEKRI	BOGLA	75.233	25.89	8.38	1490	84	244	156	210	3.5	0.01	400	40	73	179	2.3	2.23	969	340	3.89	49.14
5	Rajasthan	W262107075060001	AJMER	ARAIN	DASUK	75.1	26.352	8.18	510	0	159	71	62	0.8	0.01	180	28	27	53	4.1	0.39	332	130.33	1.71	38.24
6	Rajasthan	W260745074545001	AJMER	SARWAR	Goelo	74.928	26.129	8.45	3000	120	822	227	316	7.8	0.01	680	80	117	394	3.9	3.48	1950	873.77	6.57	55.57
7	Rajasthan	W255600074120001	AJMER	JAWAJA	JAWAJA1	74.2	25.933	7.3	2340	0	698	227	252	2.4	0.01	260	28	46	408	18	3.91	1521	572.13	11.01	75.82
8	Rajasthan	W260130074393001	AJMER	BHINAY	JHOPADIYAN	74.658	26.025	8.15	2020	0	403	277	312	2.4	0.00	230	40	32	375	6.4	1.26	1313	330.33	10.76	77.39
9	Rajasthan	W255900075090001	AJMER	KEKRI	KEKRI1	75.15	25.983	8.18	1300	0	476	106	139	1.6	0.02	350	48	56	105	93	3.95	845	390.16	2.44	32.75
10	Rajasthan	W261400074293001	AJMER	PEESANGAN	LAMANA	74.492	26.233	8.09	720	0	134	78	168	1.0	0.00	240	36	36	71	4.4	0.33	468	109.84	1.99	38.61
11	Rajasthan	W260712074221201	AJMER	JAWAJA	MAIDYABADAYA	74.37	26.12	7.94	3350	0	622	581	350	3.9	0.01	900	104	155	359	17	1.19	2178	509.84	5.21	45.86
12	Rajasthan	W260530074304501	AJMER	MASOODA	MASUDA1	74.513	26.092	8.38	1540	48	195	284	154	10.0	0.00	490	80	70	139	16	0.07	1001	239.84	2.73	37.2
13	Rajasthan	W255633075105701	AJMER	KEKRI	Nai Khera	75.183	25.943	8.05	3380	0	781	525	326	3.1	0.18	660	46	102	550	3.8	5.14	2197	640.16	8.36	61.77
14	Rajasthan	W260300074170001	AJMER	JAWAJA	NARBADKHERA	74.283	26.05	8.09	2900	0	378	248	794	2.7	0.00	940	104	165	249	8.4	0.98	1885	309.84	3.53	36.29
15	Rajasthan	W261712074442501	AJMER	PEESANGAN	NASIRABAD	74.74	26.287	8.2	1700	0	342	234	222	7.9	0.01	360	60	51	221	11	1.18	1105	280.33	5.07	56.24
16	Rajasthan	W260517074235701	AJMER	MASOODA	PAKHRIAWAS	74.399	26.088	7.76	1970	0	305	312	310	6.1	0.01	630	104	90	179	5.3	2.54	1281	250	3.1	37.94
17	Rajasthan	W261600074513001	AJMER	SHRINAGAR	RAMSAR2	74.858	26.267	7.49	6280	0	366	1531	722	74.0	0.01	2040	320	301	546	37	0.67	4082	300	5.26	36.26
18	Rajasthan	W260300075000001	AJMER	SARWAR	SARWAR	75	26.05	8.27	640	0	146	71	72	1.1	0.07	170	28	24	58	3.6	0.28	416	119.67	1.93	41.94
19	Rajasthan	W255300074090001	AJMER	JAWAJA	TARAGARH	74.15	25.883	8.06	2200	0	634	277	216	2.5	0.01	390	52	63	345	3.2	1.12	1430	519.67	7.6	65.56
20	Rajasthan	W272740076235601	ALWAR	THANAGAZI	Bairawas	76.399	27.461	8.1	5170	0	596	1147	865	47.0	0.25	1870	400	212	541	4.0	0.85	3361	488.52	5.44	38.56
21	Rajasthan	W274130076212001	ALWAR	BANSUR	BANSUR	76.356	27.692	8.4	2770	48	888	367	95	13.7	0.25	410	104	36	472	7.0	1.06	1801	807.87	10.14	71.02
22	Rajasthan	W272630076313001	ALWAR	UMREN	Baran1	76.525	27.442	7.82	520	0	82	99	85	5.0	0.10	210	60	15	43	5.0	0.40	338	67.21	1.29	30.04
23	Rajasthan	W275300076170001	ALWAR	BEHROR	BEHROR	76.283	27.883	7.65	1180	0	413	161	60	23.5	0.08	240	56	24	186	4.0	0.55	767	338.52	5.22	62.27
24	Rajasthan	W275159076474401	ALWAR	KISHANGARH BAS	BOLNI	76.796	27.866	8.4	1110	72	254	55	195	5.0	0.10	160	44	12	209	1.8	0.91	722	328.2	7.19	73.69
25	Rajasthan	W271615076331301	ALWAR	RAJGARH	Dharampura	76.554	27.271	7.8	840	0	437	76	40	5.0	0.08	260	70	21	118	4.0	0.55	546	358.2	3.18	49.19
26	Rajasthan	W271230076473001	ALWAR	RENI	GADI SWAIRAM	76.792	27.208	8.13	295	0	132	26	35	13.2	0.07	80	21	6.7	52	3.0	0.11	192	108.2	2.53	57.43
27	Rajasthan	W271330076153001	ALWAR	THANAGAZI	GHATA MORDI	76.258	27.225	7.92	1040	0	339	161	65	30.0	0.06	330	84	29	122	3.0	0.11	676	277.87	0.69	11.49
28	Rajasthan	W275548076292401	ALWAR	MANDAWAR	JASAI	76.49	27.93	7.64	1020	0	486	76	25	24.9	0.10	250	62	23	138	4.0	0.34	663	398.36	3.8	54.06
29	Rajasthan	W271843076242801	ALWAR	RAJGARH	Kalighati Sariska	76.408	27.312	8.2	1380	0	669	69	102	43.0	0.08	100	25	9.1	318	2.0	2.05	897	469.67	6.32	63.68
30	Rajasthan	W280345076214501	ALWAR	NEEMRANA	KANHAWAS	76.363	28.063	8.5	2245	60	388	350	225	27.0	0.10	210	50	21	442	2.0	0.32	1459	548.36	13.83	87.09
31	Rajasthan	W274912076440001	ALWAR	KISHANGARH BAS	KISHANGARH BAS1	76.733	27.82	8.2	990	0	559	90	40	10.0	0.06	300	84	22	154	3.0	0.80	644	418.03	13.27	81.89
32	Rajasthan	W271213076171001	ALWAR	THANAGAZI	KUNDAL	76.286	27.204	7.74	6780	0	400	991	1610	33.0	0.08	2010	506	181	654	4.0	0.62	4407	458.2	3.87	52.44
33	Rajasthan	W272100076513501	ALWAR	LAXMANGARH	LACHMANGARH	76.86	27.35	7.4	1325	0	217	373	40	20.0	0.07	490	130	40	125	4.0	0.30	861	327.87	6.35	41.42
34	Rajasthan	W271740076443001	ALWAR	RENI	LALKA	76.742	27.294	8.6	2820	72	242	374	540	6.9	0.06	270	70	23	539	4.0	0.81	1833	177.87	2.46	35.45
35	Rajasthan	W271555076285601	ALWAR	RAJGARH	NANDU	76.482	27.265	7.87	2600	0	608	374	265	33.7	0.10	360	110	21	446	3.0	0.30	1690	318.36	14.27	80.99
36	Rajasthan	W275956076231501	ALWAR	NEEMRANA	Neemrana	76.388	27.999	8.2	3930	0	718	714	280	130.0	0.08	690	170	64	601	2.0	1.58	2555	498.36	10.23	72.72
37	Rajasthan	W273537076484901	ALWAR	RAMGARH	RAMGARH1	76.814	27.594	8.13	620	0	254	33	105	5.0	0.07	290	90	16	37	3.0	0.23	403	588.52	9.95	65.37
38	Rajasthan	W271415076240001	ALWAR	RAJGARH	TEHLA	76.4	27.238	7.8	1510	0	573	204	115	6.0	0.10	320	84	27	260	2.0	0.32	882	208.2	0.95	21.5
39	Rajasthan	W232945074060001	BANSWARA	ARTHUNA	ARTHUNA	74.11	23.496	7.63	650	0	317	35	0.5	19.0	0.00	270	68	24	22	10	1.30	423	259.84	0.58	14.47
40	Rajasthan	W232415074160001	BANSWARA	BAGIDORA	Bagidora	74.267	23.404	7.63	930	0	415	99	40	3.0	0.00	380	96	34	57	19	0.95	605	340.16	1.27	24.48
41	Rajasthan	W233200074270001	BANSWARA	BANSWARA	Banswara1	74.45	23.533	8.2	723	0	366	42	13	37.0	0.00	310	68	34	44	1.5	1.28	470	300	1.09	23.48
42	Rajasthan	W232500074210101	BANSWARA	BAGIDORA	Barodiya	74.35	23.417	8.4	1150	42	463	85	16	65.0	0.00	310	44	49	154	5.2	5.00	748	449.51	3.8	51.4
43	Rajasthan	W231330074183601	BANSWARA	SAJJANGARH	Bhura Kua	74.31	23.225	8.3	957	48	403	50	14	26.0	0.00	190	20	34	154	1.4	3.20	622	410.33	4.86	63.59
44	Rajasthan	W231937074214201	BANSWARA	SAJJANGARH	Bilari	74.362	23.327	8.34	1750	24	744	142	70	70.0	0.01	280	44	41	325	3.7	3.20	1138	649.84	8.45	71.28
45	Rajasthan	W231846074224701	BANSWARA	KUSHALGARH	Charakni	74.38	23.313	7.75	670	0	268	35	26	100.0	0.00	320	96	19	28	1.0	0.92	436	219.67	0.68	15.93
46	Rajasthan	W231800074190001	BANSWARA	SAJJANGARH	Chhinch	74.317	23.3	8.18	1200	0	500	120	61	46.0	0.00	290	36	49	180	1.9	1.45	780	409.84	4.6	57.24
47	Rajasthan	W231020074172501	BANSWARA	SAJJANGARH	CHOTA DUNGRA	74.29	23.172	8.55	1450	78	256	212	132	17.0	0.01	280	48	39	235	4.0	1.68	943	339.84	6.11	64.19
48	Rajasthan	W234600074151001	BANSWARA	GHATOL	GANORA	74.253	23.767	7.76	750	0	390	35	12	1.0	0.00	270	56	32	52	2.8	1.45	488	319.67	1.38	29.25
49	Rajasthan	W233524074103001	BANSWARA	GARHI	GARHI PARTAPURA	74.175	23.59	7.5	667	0	268	50	25	30.0	0.00	280	88	15	28	1.0	0.27	434	219.67	0.73	17.8
50	Rajasthan	W231235074285301	BANSWARA	KUSHALGARH	Kalakhet_Pz	74.481	23.21	8.18	827	0	329	99	25	1.6	0.00	360	104	24	38	1.0	1.60	538	269.67	0.87	18.62
51	Rajasthan	W231200074270701	BANSWARA	KUSHALGARH	Kusalgarh_Pz	74.452	23.2	8.1	822	0	317	71	82	2.0	0.00	370	104	27	37.6	1.5	0.85	534	259.84	0.85	18.03
52	Rajasthan	W235300074260002	BANSWARA	GHATOL	Narwali	74.433	23.88																		

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S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µs/cm at 25° C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
66	Rajasthan	W251500077080001	BARAN	SHAHBAD	SHAHABAD1	77.133	25.25	7.84	1400	0	354	43	328	15.0	0.02	510	72	80	52	65	0.63	910	290.16	1	16.02
67	Rajasthan	W251801076194501	BARAN	ANTAH	UDPURIA	76.329	25.3	8.01	2800	0	390	510	402	42.0	0.02	720	96	117	334	37	0.40	1820	319.67	5.45	48.96
68	Rajasthan	W252800071580301	BARMER	SINDHARI	ARNIVALI	71.968	25.467	7.88	3900	0	354	1056	312	23.0	0.01	680	192	49	660	7.6	0.62	2535	530.33	16.21	61.29
69	Rajasthan	W254945072153001	BARMER	BALOTRA	BALOTRA1	72.258	25.829	7.93	6380	0	878	830	1145	300.0	0.02	280	40	44	1400	7.1	2.38	4147	469.67	37.67	91.22
70	Rajasthan	W254317070584301	BARMER	RAMSAR	Bhachbhar	70.979	25.721	7.5	3765	0	439	808	142	500.0	0.12	810	188	83	560	22	1.75	2447	209.84	5.78	61.77
71	Rajasthan	W255315071143001	BARMER	BARMER	BISALA	71.242	25.888	8.03	2300	0	1086	290	15	32.0	3.95	660	112	92	184	228	0.96	1495	550	13.73	68.95
72	Rajasthan	W252830071040001	BARMER	CHOHTAN	Chohtan	71.067	25.475	7.7	305	0	122	35.5	18	4.0	0.24	140	36	12	14	4	0.54	198	200	0.96	10.24
73	Rajasthan	W254634071094801	BARMER	RAMSAR	DERASAR	71.163	25.776	8.11	6730	0	573	1574	835	6.0	0.01	300	40	49	1500	11	3.80	4375	319.67	7.35	71.41
74	Rajasthan	W260400072400001	BARMER	KALYANPUR	DOLI	72.667	26.067	8.45	1950	48	150	410	280	40.0	0.30	260	70	21	385	10	1.25	1268	100	0.52	17.43
75	Rajasthan	W254425070382001	BARMER	GADRAROAD	GADRA ROAD	70.639	25.74	8.36	2750	36	368	441	350	85.0	0.20	350	88	32	490	8	1.35	1788	424.26	22.36	89.61
76	Rajasthan	W262000071330001	BARMER	SHEO	Gujro Ka Bera	71.55	26.333	8.42	3020	48	420	490	400	4.0	0.12	155	40	13	640	5	1.40	1963	202.95	10.39	75.43
77	Rajasthan	W262018071332001	BARMER	SHEO	GUJRO KA BERA	71.556	26.338	8.42	7810	24	450	2250	555	22.0	0.25	800	180	85	1550	12	1.40	5077	219.67	3.76	43.02
78	Rajasthan	W260105070493801	BARMER	GADRAROAD	Jansingh Ki Beri	70.827	26.018	8.06	2500	0	244	255	452	270.0	0.00	940	164	129	71	123	0.44	1625	361.64	3.19	74.74
79	Rajasthan	W254057071123901	BARMER	BARMER	JASAI	71.211	25.683	7.79	5200	0	366	1177	574	135.0	0.00	1450	180	235	554	13	1.01	3380	300	3.8	54.35
80	Rajasthan	W260939071343001	BARMER	BAYTOO	Jhak Pz	71.575	26.161	8.02	3800	0	244	837	338	243.0	0.07	1700	264	253	91	28	0.51	2470	280.33	2.7	27.67
81	Rajasthan	W254650072351501	BARMER	SAMDARI	KARMAWAS	72.588	25.781	8.12	3750	0	549	319	859	110.0	0.01	1340	248	175	224	51	2.49	2438	290.16	11.01	67.55
82	Rajasthan	W255444070275501	BARMER	GADRAROAD	KHARIN	70.465	25.912	7.75	1500	0	403	206	102	41.0	0.02	270	44	39	228	1.9	1.64	975	330.33	3.5	45.9
83	Rajasthan	W255630072210201	BARMER	KALYANPUR	KURI	72.351	25.942	7.79	1060	0	366	71	142	0.7	0.08	250	28	44	138	1.6	0.49	689	890.16	3.12	29.61
84	Rajasthan	W252045071240001	BARMER	DHORIMANNA	PADMANIYON KA TALA	71.4	25.346	7.95	18290	0	1220	5140	821	213.0	0.00	2700	240	510	2976	94	4.50	11889	100	4.57	42.52
85	Rajasthan	W2559380721452501	BARMER	BAYTOO	PANAVADA	71.757	25.994	8.18	4300	0	952	383	522	358.0	0.00	1080	200	141	415	141	1.76	2795	1000	24.91	68.95
86	Rajasthan	W255930070100001	BARMER	GADRAROAD	PANCHLA	70.167	25.992	8.14	1450	0	390	170	115	53.0	0.00	200	48	19	239	6.4	1.60	943	408.85	23.84	80.52
87	Rajasthan	W254040071132501	BARMER	BARMER	PATRASAR	71.224	25.678	7.08	1530	0	403	248	46	40.0	0.00	400	60	61	161	10	0.09	995	330.33	6.04	64.54
88	Rajasthan	W250720071352001	BARMER	DHORIMANNA	PIPARLI GAON	71.589	25.122	8.17	1600	0	256	305	110	57.0	0.00	300	36	51	230	7.5	3.15	1040	180.33	3.17	30.05
89	Rajasthan	W255045070592301	BARMER	GADRAROAD	REDANA	70.99	25.846	7.89	2570	0	390	312	392	153.0	0.00	960	120	160	155	2.7	1.58	1671	419.67	3.57	32.52
90	Rajasthan	W255249070113901	BARMER	GADRAROAD	Rohiri1	70.194	25.88	7.97	2950	0	683	496	139	133.0	0.05	1000	140	158	230	10	0.29	1918	459.84	8.07	54.5
91	Rajasthan	W252847071240001	BARMER	BARMER	SANAWARA	71.4	25.48	7.81	3670	0	512	567	496	198.0	0.09	1200	180	182	284	64	0.43	2386	230.33	6.72	41.85
92	Rajasthan	W253509071140001	BARMER	CHOHTAN	SANLOR	71.233	25.586	8.18	5700	0	671	1205	528	119.0	0.00	850	120	134	920	40	1.29	3705	450	2.66	25.74
93	Rajasthan	W255951071580301	BARMER	GIRA	Santara	71.968	25.998	8.06	3340	0	342	468	722	13.0	0.01	1220	184	185	217	11	1.05	2171	780.33	5.49	41.73
94	Rajasthan	W260901071482401	BARMER	GIRA	SAUPADAMSINGH	71.807	26.15	8.38	2100	60	146	354	296	53.0	0.00	600	100	85	212	8.4	0.05	1365	519.67	11.72	71.32
95	Rajasthan	W254518071050001	BARMER	RAMSAR	SIHANI	71.083	25.755	8.13	3800	0	634	666	286	183.0	0.00	540	80	83	626	5.8	0.77	2470	319.67	2.18	25.93
96	Rajasthan	W245520071090001	BARMER	SERWA	SIHANIIYA	71.15	24.922	7.978	6800	0	537	1414	888	130.0	0.00	1800	280	267	758	16	0.09	4420	300	6.33	45.11
97	Rajasthan	W254830071022001	BARMER	RAMSAR	SUTHARON KI DHANI	71.039	25.808	8.06	7350	0	281	1952	642	81.0	0.01	2150	360	303	716	11	0.02	4778	559.84	3.16	33.06
98	Rajasthan	W245010071130001	BARMER	SERWA	TARLA	71.217	24.836	8.21	3250	0	122	780	379	59.0	0.02	940	140	143	322	5.2	0.04	2113	200	1.01	12.34
99	Rajasthan	W260318072224801	BARMER	KALYANPUR	Thob	72.38	26.055	8.1	3690	0	220	879	362	146.0	0.01	1320	220	187	265	17	0.02	2399	359.84	8.56	59.24
100	Rajasthan	W261213072291901	BARMER	KALYANPUR	Thoombli	72.489	26.204	7.81	13100	0	647	3900	606	95.0	0.00	2600	240	486	1900	7.7	0.01	8515	719.67	36.4	91.33
101	Rajasthan	W265416077223401	BHARATPUR	BAYANA	BANDH BARETA	77.376	26.904	8.2	410	0	230	31	102	5.0	0.06	270	72	22	32	7.2	0.32	267	188.52	0.85	19.95
102	Rajasthan	W265750077232401	BHARATPUR	BAYANA	BAWARI BARODA	77.39	26.964	8.35	3030	36	925	450	405	10.4	0.41	110	30	8.5	820	7.2	5.50	1970	818.2	34.01	93.73
103	Rajasthan	W265805077150601	BHARATPUR	BAYANA	BHAGORI	77.252	26.968	7.97	880	0	352	116	40	35.0	0.07	270	56	32	115	6	0.65	572	288.52	3.04	47.39
104	Rajasthan	W271300077300001	BHARATPUR	SEWAR	Bharatpur1	77.5	27.217	7.9	700	0	291	81	80	5.6	0.07	200	42	23	110	6.7	1.30	455	238.52	3.38	53.43
105	Rajasthan	W265945077293002	BHARATPUR	RUPBAS	DAHINAGAON	77.492	26.996	7.72	1170	0	315	166	40	168.0	0.05	400	104	34	111	26	0.65	761	258.2	2.41	35.79
106	Rajasthan	W273917077034801	BHARATPUR	PAHARI	Gopalgarh	77.063	27.655	7.58	8600	0	803	2314	970	31.0	0.59	1220	306	111	1720	8	2.00	5590	658.2	21.42	75.25
107	Rajasthan	W273200077073001	BHARATPUR	NAGAR	GULPURA	77.125	27.533	7.85	15460	0	850	4820	610	160.0	0.31	2750	620	292	2520	31	1.15	10049	696.72	20.9	66.28
108	Rajasthan	W273130077043001	BHARATPUR	NAGAR	JAISARI	77.075	27.525	8.4	17030	72	498	4102	2650	172.0	0.50	2970	700	297	2882	6	2.60	11070	528.2	23	67.8
109	Rajasthan	W274656077133601	BHARATPUR	KAMAN	JURAHRA	77.227	27.782	7.25	3350	0	449	733	380	13.0	0.11	900	250	67	420	9.5	4.60	2178	409.02	6.09	50.04
110	Rajasthan	W265830077381501	BHARATPUR	RUPBAS	KHAN SURJAPUR	77.638	26.975	8.2	680	0	266	88	92	6.6	0.05	210	76	4.9	110	6.6	3.65	442	218.03	3.3	52.27
111	Rajasthan	W270200077330001	BHARATPUR	RUPBAS	KHANUA	77.55	27.033																		

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131	Rajasthan	W255400074401201	BHILWARA	HURDA	GULABPURA	74.67	25.9	7.638	12340	0	549	3191	1132	149.0	0.16	1950	280	303	1965	28	2.55	8021	450	19.36	68.28
132	Rajasthan	W251050074374801	BHILWARA	SUWANA	HAMIRGARH	74.63	25.181	8.13	1520	0	256	191	288	21.0	0.01	380	44	66	194	6.2	1.48	988	209.84	4.33	52.1
133	Rajasthan	W253715075163001	BHILWARA	JAHAZPUR	JAHAIJIPUR	75.275	25.621	8.15	2520	0	525	241	478	26.0	0.00	350	60	49	434	6.3	4.26	1638	430.33	10.09	72.5
134	Rajasthan	W253240074302701	BHILWARA	ASIND	Jeewaliya	74.508	25.544	8.2	2150	0	628	298	304	9.3	0.00	660	104	97	275	11	2.99	1398	514.75	4.59	46.65
135	Rajasthan	W254520074542001	BHILWARA	SHAHUPURA	KANCHAN-KALA	74.906	25.756	7.38	770	0	268	78	106	2.6	0.00	270	32	49	70	11	0.73	501	219.67	1.99	36.48
136	Rajasthan	W251322074253001	BHILWARA	SUWANA	Karoi Kalan	74.425	25.223	7.3	3520	0	220	695	393	289.0	0.00	1280	184	199	231	18	1.11	2288	180.33	2.81	27.83
137	Rajasthan	W252214074463001	BHILWARA	SUWANA	KODUKOTA	74.775	25.371	8.06	730	0	329	43	32	1.6	0.00	230	52	24	60	7	0.21	475	269.67	1.72	35.33
138	Rajasthan	W252350074533001	BHILWARA	KOTRI	KOTARI	74.892	25.397	7.94	590	0	220	50	52	1.6	0.00	230	36	34	34	4.1	0.02	384	180.33	0.98	23.91
139	Rajasthan	W250915075071701	BHILWARA	MANDALGARH	Ladpura	75.121	25.154	7.71	520	0	183	43	67	26.0	0.00	260	60	27	19	2.2	0.22	338	150	0.51	13.58
140	Rajasthan	W251100075053801	BHILWARA	MANDALGARH	MANDALGARHI	75.094	25.183	7.88	640	0	195	35	134	1.0	0.00	270	44	39	36	2	0.01	416	159.84	0.59	22.32
141	Rajasthan	W251610074381501	BHILWARA	SUWANA	MANDAPIA RS	74.638	25.269	7.89	1660	0	427	213	172	49.0	0.00	340	56	49	241	4.9	0.02	1079	350	5.69	60.22
142	Rajasthan	W252715074111501	BHILWARA	RAIPUR	NANGPURA	74.188	25.454	7.94	2180	0	171	369	428	29.0	0.00	350	36	49	380	9.3	0.00	1417	140.16	8.28	68.15
143	Rajasthan	W253104075053001	BHILWARA	KOTRI	PAROLI	75.092	25.518	8.14	620	0	207	64	62	1.9	0.00	150	32	17	62	35	0.76	403	169.67	2.2	40.91
144	Rajasthan	W252306074063001	BHILWARA	RAIPUR	PIITAKHERA	74.108	25.385	8.2	1890	0	360	269	258	2.0	0.01	130	24	17	371	13	1.35	1229	295.08	14.15	84.62
145	Rajasthan	W253800074360001	BHILWARA	BANERA	RAILA ROAD	74.6	25.633	7.81	2140	0	488	340	118	132.0	0.00	520	48	97	266	14	2.37	1391	400	5.07	51.82
146	Rajasthan	W252413074094001	BHILWARA	RAIPUR	Raipur	74.161	25.404	7.54	6140	0	293	752	1654	39.0	0.00	1400	220	206	756	12	1.84	3991	240.16	8.79	53.74
147	Rajasthan	W250650075154001	BHILWARA	BIJOLIYAN	SALAWATIA	75.261	25.114	8.19	960	0	109	128	252	13.0	0.01	250	40	36	132	5.3	0.02	624	89.34	6.33	52.79
148	Rajasthan	W251825074520001	BHILWARA	KOTRI	SAWAIPUR	74.867	25.307	8.06	615	0	171	85	58	3.4	0.01	180	36	22	61	11	0.03	400	140.16	1.98	40.6
149	Rajasthan	W253615074540001	BHILWARA	SHAHUPURA	SOPURA	74.9	25.604	8.2	4800	0	744	546	948	32.0	0.00	720	84	124	773	7.8	1.10	3120	609.84	12.53	69.72
150	Rajasthan	W252100074420001	BHILWARA	SUWANA	SUWANA1	74.7	25.35	7.89	3500	0	427	418	762	27.0	0.00	900	104	155	391	7.4	4.71	2275	350	5.67	48.32
151	Rajasthan	W253340074480001	BHILWARA	SHAHUPURA	Taswaria Khurd	74.8	25.561	8.19	2040	0	403	170	358	127.0	0.00	580	72	97	193	41	0.35	1326	330.33	4.49	39.9
152	Rajasthan	W253551074184801	BHILWARA	ASIND	TILOI	74.313	25.598	7.7	2300	0	201	411	401	11.0	0.01	580	80	92	237	61	1.18	1495	164.75	3.28	43.93
153	Rajasthan	W281321072492701	BIKANER	KHAJUWALA	AMARPURA	72.824	28.223	7.78	10000	0	427	2304	1397	60.0	0.00	800	120	122	1980	10	5.34	6500	350	30.45	84.12
154	Rajasthan	W285600073530001	BIKANER	LUNKARANSAR	ARIANSAR	73.883	28.933	8.18	23000	0	342	6026	2914	80.0	0.00	2100	360	292	4500	16	8.48	14950	280.33	42.72	82.2
155	Rajasthan	W284205073455101	BIKANER	LUNKARANSAR	BADERAN	73.764	28.701	8.35	12100	54	183	3013	1450	62.0	0.00	1100	160	170	2280	9	5.93	7865	240	29.9	81.69
156	Rajasthan	W275600072303001	BIKANER	KOLAYAT	BAJUJ	72.508	27.933	7.84	10100	0	183	3368	100	58.0	0.00	3050	620	365	900	36	0.35	6565	150	7.09	38.74
157	Rajasthan	W282742073275101	BIKANER	LUNKARANSAR	Binjawari Dw	73.464	28.462	8.16	15050	0	342	3829	1949	61.0	0.00	1500	240	219	2880	11	5.44	9783	280.33	32.35	80.53
158	Rajasthan	W284000073080001	BIKANER	KHAJUWALA	CHHATARGARH	73.133	28.667	8.26	8830	0	268	2340	975	23.0	0.00	1050	260	97	1610	8.8	1.50	5740	219.67	21.61	76.74
159	Rajasthan	W282619073342201	BIKANER	LUNKARANSAR	DHIRERA	73.573	28.439	8.42	17800	42	146	4750	2325	70.0	0.00	1700	120	340	3540	13	5.42	11570	189.67	35.24	80.89
160	Rajasthan	W280500074003001	BIKANER	DUNGARGARH	DUNGARGARH	74.008	28.083	8.37	1270	18	207	191	50	140.0	0.00	175	28	26	210	3.4	0.82	826	199.67	6.91	71.81
161	Rajasthan	W275930072174801	BIKANER	KOLAYAT	GODU	72.297	27.992	7.75	9680	0	195	3226	125	55.0	0.00	3075	560	407	820	24	0.42	6292	159.84	6.43	36.48
162	Rajasthan	W283435073484001	BIKANER	LUNKARANSAR	HARIASAR	73.811	28.576	8.06	20210	0	207	6452	941	75.0	0.00	2700	400	413	3510	3.9	8.20	13137	169.67	29.38	73.84
163	Rajasthan	W281145073232801	BIKANER	BIKANER	KHARA1	73.391	28.196	7.8	9140	0	354	2410	1028	19.8	0.00	1600	400	146	1460	3.9	0.95	5941	290.16	15.88	66.43
164	Rajasthan	W285600073243001	BIKANER	LUNKARANSAR	KHARBARO	73.408	28.933	8.2	3630	0	256	780	378	140.0	0.00	410	60	63	640	15	0.65	2360	209.84	13.75	76.43
165	Rajasthan	W282845073333001	BIKANER	LUNKARANSAR	Khirera	73.558	28.479	7.98	20320	0	378	5388	2247	92.0	0.00	1800	240	292	3930	4.3	9.24	13208	309.84	40.29	82.56
166	Rajasthan	W280240073041001	BIKANER	KOLAYAT	KODAM DESAR	73.069	28.044	8.2	4570	0	549	936	483	21.0	0.70	320	48	49	910	4.1	3.67	2971	450	22.13	85.89
167	Rajasthan	W280545073521501	BIKANER	DUNGARGARH	LAKHASAR2	73.871	28.096	8.18	1370	0	354	177	75	115.0	0.00	170	24	27	250	3.1	2.05	891	290.16	8.34	75.76
168	Rajasthan	W281900073113001	BIKANER	BIKANER	LAKHUSAR	73.192	28.317	7.99	11110	0	256	3687	625	28.0	0.00	1400	320	146	2150	16	3.75	7222	209.84	25	76.69
169	Rajasthan	W284001073550801	BIKANER	LUNKARANSAR	MAIKISAR	73.919	28.667	8.19	8500	0	439	2410	662	56.0	0.01	1200	160	195	1520	7.7	6.10	5525	359.84	19.09	73.21
170	Rajasthan	W284530073462001	BIKANER	LUNKARANSAR	MANARIA	73.772	28.758	8.42	1870	18	390.4	248	205	48.0	0.00	60	16	4.9	415	3.3	4.80	1216	349.67	23.21	93.31
171	Rajasthan	W280206072293001	BIKANER	KOLAYAT	MANKASAR	72.492	28.035	8.18	5800	0	537	1460	219	278.0	0.76	440	84	56	1150	21	5.52	3770	440.16	23.85	84.26
172	Rajasthan	W275800072250001	BIKANER	KOLAYAT	MODAYAT	72.417	27.967	7.48	12700	0	110	4396	334	85.0	0.00	4000	960	389	1220	49	2.45	8255	90.16	8.39	39.51
173	Rajasthan	W275745073333002	BIKANER	BIKANER	NAPASAR	73.558	27.963	8.17	1020	0	354	71	102	7.0	0.02	180	32	24	150	2.4	1.45	663	290.16	4.86	64.06
174	Rajasthan	W285305073171501	BIKANER	LUNKARANSAR	RANER	73.288	28.885	8.34	4890	24	195	1148	658	40.0	0.00	620	112	83	880	5.6	1.10	3179	199.84	15.37	75.32
175	Rajasthan	W280135072073001	BIKANER	KOLAYAT	RANJITPURA	72.125	28.026	7.7	4800	0	220	1446	154	28.0	0.00	1340	232	185	480	18	0.77	3120	180.33	5.7	43.38
176	Rajasthan	W283530073113001	BIKANER	KHAJUWALA	SATTASAR	73.192	28.592	7.92	9360	0	268	2694	612	34.0	0.02	1200	320	97	1600	10	1.92	6084	219.67	20.09	74.15
177	Rajasthan	W253100076100001	BUNDI	KESHORAI PATAN	Dahi Khera	76.167	25.517	8	9840	0	1183	2609	254	11.0	0.03	680	100	104	1950	7.9	0.74	6396	969.67	32.53	86.01
178	Rajasthan	W252815075520001	BUNDI	BUNDI	DELUNDA	75.867	25.471	8.1	5660	0	524	1517	218	73.0	0.11	340	56	49	1155	7.3	0.74	3679	429.51	27.25	87.79
179	Rajasthan	W25328076042501	BUNDI	KESHORAI PATAN	KAPREN	76.074	25.391	8.44	1400	84	476	71	77	0.0	0.03	90	16	12	285	3.5	0.65	910	530.16	13.07	86.78
180	Rajasthan	W251908075555001	BUNDI	KESHORAI PATAN	KESHORAI PATAN	75.931	25.319	7.91	4380	0	451	1205	126	3.2	0.11	880	120	141	607	5	0.80	2847	369.67	8.9	59.83
181	Rajasthan																								

Chemical analysis results of samples collected during NHS monitoring 2019

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µs/cm at 25 °C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
196	Rajasthan	W250811074531501	CHITTAURGARH	BEGUN	PARSOLI	74.888	25.136	8.05	760	0	244	64	120	18.0	0.01	200	32	29	105	2.5	0.26	494	100	0.72	19.03
197	Rajasthan	W250400074214501	CHITTAURGARH	RASHMI	RASHMI1	74.363	25.067	7.76	520	0	122	71	56	26.0	0.00	230	64	17	25	1	1.07	338	380.33	11.89	73.86
198	Rajasthan	W245600075353001	CHITTAURGARH	BHAINSRORGARH	RAWATBHATA	75.592	24.933	7.9	3180	0	464	666	254	75.0	0.01	420	68	61	560	8.6	1.20	2067	130.33	1.13	32.46
199	Rajasthan	W245600074272001	CHITTAURGARH	KAPASAN	SINGHPUR	74.456	24.933	8.14	880	0	195	64	172	50.0	0.01	220	28	36	112	6.7	0.06	572	159.84	3.28	51.59
200	Rajasthan	W283400074301501	CHURU	SARDARSHAHAR	ASPALSAR	74.504	28.567	8.05	8980	0	352	2137	1225	25.0	0.05	2425	600	225	990	25	0.72	5837	288.52	8.75	46.71
201	Rajasthan	W274400074070001	CHURU	BIDASAR	BAMBOO	74.117	27.733	7.78	380	0	120	67	61	7.5	0.31	155	39	14	49	4.4	0.12	247	419.67	25.61	82.47
202	Rajasthan	W284537075013801	CHURU	TARANAGAR	BHALAUTIBBA	75.027	28.76	7.69	320	0	132	53	50.3	7.7	0.06	155	47	9.1	39	4.7	0.18	208	127.87	0.81	21.41
203	Rajasthan	W275820074323001	CHURU	RATANGARH	BHOJASAR	74.542	27.972	7.78	450	0	193	45	50	17.5	0.06	235	59	21	26	4.5	1.08	293	169.67	13.89	86.7
204	Rajasthan	W275900074351501	CHURU	RATANGARH	BHOJASAR	74.588	27.983	7.5	9680	0	254	1750	2050	118.0	0.05	805	200	74	1890	5.3	0.96	6292	350	22.59	82.42
205	Rajasthan	W275019074170001	CHURU	BIDASAR	BIDASAR	74.283	27.839	7.6	370	0	156	38	60	29.0	0.13	205	55	16	26.5	5.1	0.60	241	500.16	11.82	88.07
206	Rajasthan	W281545074523001	CHURU	CHURU	BINASAR	74.875	28.263	7.74	325	0	107	67	60	7.6	0.06	185	39	21	29	6.2	0.47	211	300	11.75	62.35
207	Rajasthan	W280230074473001	CHURU	RATANGARH	BIRAMSARI	74.792	28.042	7.26	328	0	83	67	65.5	6.6	0.25	175	55	9.1	29	6.3	1.90	213	350	19.87	80.48
208	Rajasthan	W284010075140001	CHURU	RAJGARH	DADREWA	75.233	28.669	8.4	8420	48	230	2266	885	108.7	0.56	685	160	69	1745	5.1	2.95	5473	87.7	0.93	24.64
209	Rajasthan	W285030074543001	CHURU	TARANAGAR	DHIRAWAS	74.908	28.842	7.6	7740	0	512	1914	725	424.0	0.26	740	80	131	1600	1	0.27	5031	208.2	28.98	83.51
210	Rajasthan	W274415074250701	CHURU	SUJANGARH	GULERIYA	74.419	27.738	8	1440	0	207	298	212	34.8	0.00	110	20	15	335	1.4	0.02	936	500.33	18.06	91.39
211	Rajasthan	W28383007423001	CHURU	SARDARSHAHAR	HARDESAR	74.375	28.642	8.18	6112	0	427	1602	582	98.0	0.00	580	64	102	1100	0.3	0.28	3725	259.84	8.44	56.88
212	Rajasthan	W282450074151001	CHURU	SARDARSHAHAR	KHUNDIA	74.253	28.414	8.53	1500	36	537	156	138	29.0	0.02	70	12	10	350	0.6	0.72	973	98.36	1.71	39.88
213	Rajasthan	W280030074365501	CHURU	RATANGARH	LOHA	74.615	28.008	8.07	6240	0	366	1361	1400	104.0	0.00	1659	136	321	975	0.6	1.92	4056	290.16	16.35	80.2
214	Rajasthan	W283015074441501	CHURU	SARDARSHAHAR	MELUSAR	74.738	28.504	8.2	5730	0	427	1333	606	133.0	0.00	580	64	102	1100	0.3	0.28	3725	259.84	8.44	56.88
215	Rajasthan	W282500074230101	CHURU	SARDARSHAHAR	MITTASAR	74.384	28.417	8.44	1510	42	525	170	62	31.0	0.03	70	12	10	350	0.5	0.65	982	405.16	13.4	86.12
216	Rajasthan	W283806075180001	CHURU	RAJGARH	NANGLI	75.3	28.635	8.15	3960	0	488	900	344	57.0	0.03	340	40	58	800	1.3	1.68	2574	68.03	0.95	25.64
217	Rajasthan	W275600074340001	CHURU	RATANGARH	PERIHARA	74.567	27.933	8.2	3460	0	354	759	280	95.0	0.04	290	48	41	640	4.2	1.18	2249	330.33	19.08	79.39
218	Rajasthan	W283800075223001	CHURU	RAJGARH	RAJGARH1	75.375	28.633	8.16	4610	0	317	964	662	70.0	0.05	1020	96	190	620	1.7	1.65	2997	268.52	29	84.59
219	Rajasthan	W282800074514501	CHURU	CHURU	RAMPURA	74.863	28.467	8.42	1470	39	415	184	59	60.0	0.06	100	16	15	308	6.2	0.70	956	389.84	15.33	78.86
220	Rajasthan	W284200074210001	CHURU	SARDARSHAHAR	SADASAR	74.35	28.7	8.15	5320	0	403	1333	449	70.0	0.00	520	72	83	1000	3.5	1.10	3458	108.2	1.36	34.51
221	Rajasthan	W282620074290901	CHURU	SARDARSHAHAR	SARDARSHAHAR	74.486	28.439	8.39	3660	48	378	773	317	40.0	0.02	360	36	66	670	23	1.22	2379	519.67	10.93	74.03
222	Rajasthan	W281300074480001	CHURU	CHURU	Satda	74.8	28.217	8.4	2500	60	512	361	318	19.0	0.01	350	28	68	470	6.8	1.22	1625	469.67	18.62	87.03
223	Rajasthan	W285230074503001	CHURU	TARANAGAR	SHAWA	74.842	28.875	8.41	2930	60	451	518	238	27.0	0.01	190	32	27	590	1	1.25	1905	158.2	0.74	19.02
224	Rajasthan	W282600075075001	CHURU	CHURU	SIRSALA	75.131	28.433	8.37	3400	18	610	680	201	36.0	0.00	320	24	63	650	0.7	1.32	2210	530	15.81	81.5
225	Rajasthan	W274625074011501	CHURU	BIDASAR	SONIASAR	74.021	27.774	8.2	1370	0	305	213	124	65.0	0.00	200	36	27	246	0.6	1.00	891	250	7.57	72.71
226	Rajasthan	W280358074451401	CHURU	RATANGARH	TIDIYASAR	74.754	28.066	8.13	1270	0	281	198	67	75.0	0.00	160	24	24	210	0.3	0.95	826	230.33	7.22	70.76
227	Rajasthan	W265830076173001	DAUSA	DAUSA	BAPI	76.292	26.975	7.76	2800	0	498	712	55	8.0	0.14	785	204	67	315	8.8	1.45	1820	408.2	4.89	46.25
228	Rajasthan	W2709340076350001	DAUSA	BANDIKUI	Baswa1	76.583	27.159	7.64	2030	0	380	414	195	35.0	0.05	455	124	35	309	5.5	0.75	1320	311.48	0	0
229	Rajasthan	W265400077020002	DAUSA	MAHWA	Higetawari Dhani	77.033	26.9	8.2	3500	0	913	570	235	13.5	0.46	485	130	39	610	3.4	1.20	2275	748.36	12.05	73.05
230	Rajasthan	W265800076200001	DAUSA	DAUSA	Dasuta	76.333	26.967	7.86	2855	0	766	336	365	36.1	0.27	385	84	43	518	10	3.10	1856	627.87	11.48	73.9
231	Rajasthan	W265900076224801	DAUSA	DAUSA	Kalipahari	76.38	26.983	8.4	700	36	291	52	35	26.0	0.25	105	32	6.1	154	4.2	0.60	455	298.52	6.54	75.21
232	Rajasthan	W263112076152201	DAUSA	LALSOT	Lakhanpur	76.256	26.52	7.81	1250	0	437	159	50	155.0	0.11	325	84	28	200	4.6	0.90	813	358.2	4.83	56.8
233	Rajasthan	W265700076440001	DAUSA	SIKRAI	LANGRA BALAJI	76.733	26.95	8.49	5950	36	469	1576	355	11.0	0.31	1215	300	113	839	11	0.40	3868	444.43	10.47	59.76
234	Rajasthan	W264700076130001	DAUSA	LAWAN	LAWAN1	76.217	26.783	7.62	7510	0	596	2002	650	21.0	0.73	1355	360	111	1220	4.6	2.10	4882	488.52	0	0
235	Rajasthan	W270257076553801	DAUSA	MAHWA	MAHUWA	76.927	27.049	7.39	4950	0	350	820	540	655.0	0.67	735	180	69	828	6.1	1.45	3218	286.89	13.29	70.8
236	Rajasthan	W264331076270701	DAUSA	LAWAN	SAR_Pz	76.452	26.725	8.39	1700	84	530	170	85	14.0	0.30	378	100	31	248	5.5	2.10	1105	574.43	5.55	58.35
237	Rajasthan	W270550076471201	DAUSA	BANDIKUI	Sodan Ka Bas	76.787	27.097	7.89	1400	0	510	145	95	95.0	0.42	338	80	34	170	75	0.62	910	418.03	4.02	46.01
238	Rajasthan	W263854077480701	DHAULPUR	DHAULPUR	AATHMEEL	77.802	26.648	7.74	1060	0	425	116	75	37.1	0.33	348	80	36	125	4.3	0.55	689	348.36	2.92	43.54
239	Rajasthan	W263618077282301	DHAULPUR	BASERI	ANGAI	77.473	26.605	7.86	590	0	315	52	57	23.0	0.08	298	68	31	43	17	0.64	384	258.2	1.08	22.65
240	Rajasthan	W263843077363801	DHAULPUR	BARI	BARI1	77.611	26.645	7.42	1050	0	437	130	55	50.0	0.15	348	80	36	135	3.6	0.96	683	358.2	3.15	45.45
241	Rajasthan	W264126077532801	DHAULPUR	DHAULPUR	Dhaulpur1	77.891	26.691	7.86	1570	0	290	350	145	6.3	0.14	308	70	32	268	4.1	2.50	1021	237.7	6.64	65.05
242	Rajasthan	W263443077412601	DHAULPUR	BARI	GAJPURA	77.691	26.579	7.27	1770	0	339	372	160	38.0	0.09	358	92	31	294	7.5	1.59	1151	277.87	6.76	63.5
243	Rajasthan	W265130077430001	DHAULPUR	SAIPU	KANTHRI	77.717	26.858	7.8	705	0	315	67	65	27.0	0.06	328	100	19	54	3.5	0.48	458	258.2	1.3	26.1
244	Rajasthan	W264900077411002	DHAULPUR	BASERI	Lebudapura	77.686	26.817	8.4	1320	12	535	145	162	26.0	0.05	188	48	17	308	2.7	2.15	858	458.52	9.77	77.77
245	Rajasthan	W264900077573001	DHAULPUR	DHAULPUR	Mangraul	77.958	26.817	7.5	2830	0	681	237	685	49.0	0.17	268	60	29	636	3.5	1.30	1840	558.2	16.9	83.54
246	Rajasthan	W263120077231501	DHAULPUR	BASERI	NAKATPURA	77.388	26.522	8.35	3060	24	180	940	160	34.0	0.16	428	120								

Chemical analysis results of samples collected during NHS monitoring 2019

Appendix III

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µs/cm at 25° C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
261	Rajasthan	W233145073454501	DUNGARPUR	SIMALWARA	PEETH	73.763	23.529	7.67	1120	0	292.8	170	18	70.0	0.00	340	68	41	95	8.7	0.37	728	240.16	2.24	37.04
262	Rajasthan	W235120074104801	DUNGARPUR	SABLA	SABLA	74.18	23.856	7.73	1235	0	378.2	191	57	9.0	0.00	300	52	41	148	24	1.50	803	309.84	3.72	49.35
263	Rajasthan	W234500074014101	DUNGARPUR	SAGWARA	Sagwara	74.028	23.75	7.54	1170	0	414.8	149	15	23.6	0.00	300	72	29	128	8.7	1.35	761	340.16	3.21	47.23
264	Rajasthan	W291126073130801	GANGANAGAR	ANUPGARH	ANUPGARH1	73.219	29.191	7.96	300	0	120	52	36.2	7.0	0.10	130	39	7.9	38	6.4	0.50	195	427.87	7.23	59.3
265	Rajasthan	W290200073361801	GANGANAGAR	SURATGARH	BHOPALPURA	73.605	29.033	8.1	275	0	132	38	54.1	6.0	0.07	170	47	13	23.56	6.1	0.32	179	327.87	4.72	40.48
266	Rajasthan	W293800073460001	GANGANAGAR	PADAMPUR	BINUBALIA	73.767	29.633	7.9	280	0	169	38.4	37.6	10.0	0.13	170	55	7.9	31.5	5	1.10	182	77.87	0.86	24.67
267	Rajasthan	W290700073551001	GANGANAGAR	SURATGARH	Birdhwal1	73.919	29.117	7.95	330	0	169	31	51.1	8.0	0.06	180	51	13	27	7.6	1.10	215	68.03	0.85	22.96
268	Rajasthan	W291000073430001	GANGANAGAR	SURATGARH	BIRMANA	73.717	29.167	7.9	1150	0	303	88	323	6.0	0.05	450	91	54	120	12	2.50	748	138.52	2.84	49.31
269	Rajasthan	W294930073434501	GANGANAGAR	GANGANAGAR	CHUNAWAD	73.729	29.825	8.2	250	0	120	31	39.1	7.0	0.05	130	39	7.9	26	5.6	0.35	163	98.36	1.14	31.53
270	Rajasthan	W292930073374501	GANGANAGAR	RAISINGHNAGAR	DABLA	73.629	29.492	8.16	285	0	95	52	56.2	7.0	0.05	160	51	7.9	25	4.7	0.25	185	98.36	0.82	22.36
271	Rajasthan	W294330073354501	GANGANAGAR	PADAMPUR	DELWAN	73.596	29.725	7.73	240	0	120	31	50.1	8.0	0.10	130	43	5.5	31	6	0.27	156	98.36	1.12	32.88
272	Rajasthan	W293800073270001	GANGANAGAR	RAISINGHNAGAR	GAISINGHPURA	73.45	29.633	7.4	275	0	120	45	48.6	8.0	0.15	160	43	13	26	5.9	0.55	179	108.2	0.88	21.1
273	Rajasthan	W294445073540001	GANGANAGAR	SADULSHAHAHAR	GANESHGARH	73.9	29.746	8.2	450	0	242	38	65.7	6.0	0.12	250	79	13	33	8	0.55	293	138.52	0.88	23.64
274	Rajasthan	W290200073260001	GANGANAGAR	SRI VIJAYNAGAR	GOMANWALI	73.433	29.033	7.96	420	0	132	60	80.8	7.0	0.12	220	83	3.0	28	6	0.55	273	268.03	1.82	32.21
275	Rajasthan	W290745073471501	GANGANAGAR	SURATGARH	HARISINGHPURA	73.788	29.129	8.2	500	0	205	53	65	19.0	0.20	200	64	10	57	6.9	0.60	325	168.03	3.25	53.29
276	Rajasthan	W293045073370001	GANGANAGAR	RAISINGHNAGAR	JAGATSINGHWALI	73.617	29.513	8.1	325	0	120	52	63.8	6.5	0.19	190	43	20	25.5	5	1.30	211	281.97	15.06	66.68
277	Rajasthan	W292115073380001	GANGANAGAR	SRI VIJAYNAGAR	JAITSAR	73.633	29.354	7.9	280	0	120	38	49	9.0	0.05	140	51	3.0	31	5	0.32	182	238.52	4.37	53.48
278	Rajasthan	W294900073270001	GANGANAGAR	KARANPUR	KARANPUR1	73.45	29.817	7.9	570	0	181	60	116	9.0	0.10	240	59	22	54	7.1	0.85	371	98.36	0.89	25.23
279	Rajasthan	W290500073220001	GANGANAGAR	ANUPGARH	KHAL	73.367	29.083	8.1	260	0	120	38	52.3	8.0	0.12	140	43	7.9	32	6	0.27	169	655.74	33.53	92.1
280	Rajasthan	W295045074143001	GANGANAGAR	SANGARIYA	KHERUWALA	74.242	29.846	7.52	7750	0	344	1970	1002	29.0	0.67	1345	311	138	1270	27	0.22	5038	98.36	1.45	37.43
281	Rajasthan	W295030074012001	GANGANAGAR	SADULSHAHAHAR	LALGARH JATAN	74.022	29.842	7.99	1120	0	291	173	155	19.0	0.19	270	64	27	165	33	1.60	728	138.52	10.03	27.65
282	Rajasthan	W296000073430001	GANGANAGAR	SURATGARH	LALGARIYA	73.717	29.1	7.88	575	0	242	45	94.1	12.0	0.11	120	34	8.5	112	6.8	0.85	374	818.03	1.97	86.42
283	Rajasthan	W293115073350001	GANGANAGAR	RAISINGHNAGAR	MUKLAWA	73.583	29.521	7.56	1460	0	254	300	145	32.0	0.18	610	159	52	86	12	0.45	949	98.36	1.18	32.04
284	Rajasthan	W294058073513001	GANGANAGAR	PADAMPUR	Narsinghpur	73.858	29.683	7.79	2620	0	522	429	160	280.0	0.08	550	119	61	390	25	0.44	1703	98.36	0.99	29.19
285	Rajasthan	W291630073463001	GANGANAGAR	SURATGARH	PADAMPURA	73.775	29.275	8.12	4030	0	800	602	795	19.0	0.21	170	39	18	1005	14	0.40	2620	198.36	4.45	65.43
286	Rajasthan	W290300073511501	GANGANAGAR	SURATGARH	PIPASAR	73.854	29.05	8.1	760	0	327	60	75	94.0	0.28	330	80	32	76	14	1.05	494	598.36	15.92	79.03
287	Rajasthan	W291454073540001	GANGANAGAR	SURATGARH	PIPERAN	73.9	29.248	7.43	3350	0	400	564	250	405.0	0.07	870	219	78	377	20	0.85	2178	648.36	24.69	92.93
288	Rajasthan	W293230073270001	GANGANAGAR	RAISINGHNAGAR	RAISINGHNAGAR	73.45	29.542	8.09	2600	0	998	266	305	20.0	0.07	200	62	11	620	9.3	7.80	1690	168.03	1.75	37.24
289	Rajasthan	W291000073223001	GANGANAGAR	ANUPGARH	RAMSINGHPURA	73.375	29.167	7.7	650	0	205	116	55	32.0	0.64	190	63	7.9	103	5	0.40	423	208.2	1.51	23.04
290	Rajasthan	W291100073570001	GANGANAGAR	SURATGARH	RAYANWALI	73.95	29.183	7.72	570	0	169	74	95	55.0	0.07	190	43	20	90	8.8	0.50	371	88.52	0.97	25.59
291	Rajasthan	W284800073040001	GANGANAGAR	GHADSANA	ROJARI	73.067	28.8	8.12	2000	0	791	159	50	218.0	0.07	70	23	3.0	475	6.7	3.60	1300	259.84	17.75	80.25
292	Rajasthan	W294745073264501	GANGANAGAR	KARANPUR	RUPANAGAR	73.446	29.796	8.4	766	12	205	102	70	52.9	0.39	240	60	22	90	14	1.94	498	198.36	0.91	21.62
293	Rajasthan	W291330073464501	GANGANAGAR	SURATGARH	SANGITA	73.779	29.225	7.7	320	0	108	45	86.9	11.0	0.37	180	39	20	30	7.6	0.75	208	188.03	2.53	43.15
294	Rajasthan	W291700074101501	GANGANAGAR	PILIBANGA	SARDARPURA	74.171	29.283	7.73	345	0	83	88	49.8	8.0	0.24	190	47	18	27	5.5	0.52	224	158.2	0.7	18.71
295	Rajasthan	W300146073395501	GANGANAGAR	KARANPUR	Sunderpura_Pz	73.665	30.029	7.4	3320	0	730	457	512	330.0	0.20	420	120	29	750	9.8	3.90	2158	108.2	0.8	22.7
296	Rajasthan	W294145073550001	GANGANAGAR	SADULSHAHAHAR	SURANWALI	73.917	29.696	8.16	410	0	193	38	53.5	6.0	0.37	220	52	22	24	5.3	0.35	267	248.36	2.46	35.96
297	Rajasthan	W294830073440001	GANGANAGAR	GANGANAGAR	TATARSAR	73.733	29.808	7.49	4560	0	317.2	1028	584	55.0	0.00	460	68	71	875	6.6	2.40	2964	148.36	1.52	32.04
298	Rajasthan	W291400074450002	HANUMANGARH	NOHAR	BHUKARKA	74.75	29.233	8.42	1315	36	461	116	50	130.0	0.10	455	122	36	140	7	2.30	855	177.87	3.74	47.86
299	Rajasthan	W290430074180001	HANUMANGARH	RAWATSAR	BIRAMSAR	74.3	29.075	7.53	300	0	108	38	81	8.4	0.21	155	43	15	35	4.6	0.10	195	88.52	1.44	36.3
300	Rajasthan	W285200074164001	HANUMANGARH	RAWATSAR	BIRSAR	74.278	28.867	8.12	830	0	230	81	130	54.8	0.05	105	39	1.8	172	6.3	0.28	540	437.87	2.86	39.62
301	Rajasthan	W295015074243501	HANUMANGARH	SANGARIYA	BOLANWALI	74.41	29.838	7.51	13420	0	315	3732	1185	70.0	0.70	1825	524	125	2290	16	0.15	8723	88.52	0.94	26.98
302	Rajasthan	W293730074303001	HANUMANGARH	TIBI	CHANDURWALA	74.508	29.625	7.65	4100	0	156	591	1005	158.0	0.37	1315	271	155	370	23	0.55	2665	108.2	1.03	28.91
303	Rajasthan	W292132074355501	HANUMANGARH	TIBI	CHISTIAN	74.599	29.359	7.72	280	0	108	53	63	9.0	0.07	145	36	13	40	6	0.27	182	158.2	1.52	33.43
304	Rajasthan	W292245074161501	HANUMANGARH	HANUMANGARH	CHOHLINYAWALI	74.271	29.379	8.15	290	0	108	45	43	6.0	0.05	145	38	12	26	6	0.93	189	108.2	1.07	29.93
305	Rajasthan	W291100074203001	HANUMANGARH	RAWATSAR	DHANASAR	74.342	29.183	7.95	2780	0	474	492	335	44.0	0.20	475	100	55	456	13	0.31	1807	88.52	0.94	27.03
306	Rajasthan	W294530074160001	HANUMANGARH	HANUMANGARH	DHOLIPAL	74.267	29.758	8.45	1110	72	364	60	85	45.8	0.16	165	43	14	209	13	0.72	722	338.52	1.77	22.76
307	Rajasthan	W285430074080001	HANUMANGARH	RAWATSAR	DUDHAL	74.133	28.908	7.34	310	0	108	31	63.4	7.0	0.06	145	47	6.7	26	6.3	0.50	202	188.52	7.3	76.79
308	Rajasthan	W290050075055001	HANUMANGARH	BHADRA	DUNGRANA	75.097	29.014	7.49	2040	0	413	351	205	55.0	0.10	795	171	89	115	42	0.17	1326	118.03	1.2	32.07
309	Rajasthan	W291300074320001	HANUMANGARH	RAWATSAR	GANDEHALI	74.533	29.217	7.15	400	0	156	45	82.8	11.0	0.06	185	47	16	40	13	0.37	260	118.03	1.03	28.79
310	Rajasthan	W293800074033601	HANUMANGARH	PILIBANGA	GOLUWALA	74.06	29.633	7.52	1400	0	413	159	161	11.0	0.05	295	70	29	200	9.7	0.82	910	468.2	8.67	74.34
311	Rajasthan	W293500074190001	HANUMANGARH	HANUMANGARH	Hanumangarh	74.317	29.583	7.99	530	0	193	74	47	5.6	0.10	205	55	16	5						

Chemical analysis results of samples collected during NHS monitoring 2019

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µs/cm at 25 °C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
326	Rajasthan	W291510074245001	HANUMANGARH	RAWATSAR	RAWATSAR	74.414	29.253	8.04	1460	0	230	329	90	16.0	0.19	260	59	27	227	9	1.30	949	108.2	1.07	29.1
327	Rajasthan	W294200074291501	HANUMANGARH	TIBI	SALEWALI	74.488	29.7	7.2	346	0	144	31	66.7	7.0	0.09	160	51	7.9	35	5.5	0.70	225	388.52	9.1	66.89
328	Rajasthan	W293730074190001	HANUMANGARH	SATIPURA	SATIPURA	74.317	29.625	7.89	1965	0	310	450	165	41.0	0.05	540	124	56	250	10	0.52	1277	338.52	5.07	58.59
329	Rajasthan	W272231075494301	JAIPUR	SHAHPURA	Amasar	75.829	27.375	7.79	2200	0	376	230	520	23.0	0.06	440	120	34	342	14	0.56	1430	130.33	3.4	59.22
330	Rajasthan	W265900075520001	JAIPUR	AMBER	AMBER	75.867	26.983	7.3	1010	0	320	110	195	32.0	0.13	220	60	17	196	4.4	0.85	657	145.08	2.31	39.59
331	Rajasthan	W265143075214601	JAIPUR	DUDU	Bandh Ke Balaji	75.363	26.862	7.57	920	0	437	88	45	125.0	0.61	420	100	41	100	5.9	1.45	598	290.16	2.86	46.12
332	Rajasthan	W265000076034701	JAIPUR	BASSI	BASSI2	76.063	26.833	7.74	920	0	547	74	85	23.0	0.95	100	24	10	260	4.7	1.30	598	308.2	7.09	62.1
333	Rajasthan	W263720075364901	JAIPUR	PHAGI	Bhojpura	75.614	26.622	8.05	750	0	339	67	80	25.0	0.17	220	48	24	115	7.5	1.07	488	750	20.87	85.6
334	Rajasthan	W26445075511801	JAIPUR	SANGANER	Bilwa Pz	75.855	26.746	8.39	500	36	180	24	50	43.0	0.42	230	52	24	45	5.1	0.25	325	680.33	10.89	73.58
335	Rajasthan	W263600075570001	JAIPUR	CHAKSU	CHAKSU	75.95	26.6	7.71	550	0	159	35	124	16.0	0.01	130	24	17	89	2.6	1.83	358	259.84	2.48	42.31
336	Rajasthan	W263620075304501	JAIPUR	PHAGI	Chakwara	75.513	26.606	7.42	1000	0	177	135	152	12.0	0.01	300	56	39	92	4.2	0.18	650	300	5.8	51.65
337	Rajasthan	W263022075393601	JAIPUR	PHAGI	Chandama	75.66	26.506	7.64	1260	0	262	142	208	3.6	0.00	300	44	46	154	4.6	1.33	819	290.33	8.22	69.47
338	Rajasthan	W263817075420701	JAIPUR	PHAGI	Chittora	75.702	26.638	7.35	700	0	195	43	129	6.1	0.01	290	60	34	32	3.3	0.12	455	290.33	8.22	69.47
339	Rajasthan	W263533075270001	JAIPUR	PHAGI	Choru	75.45	26.593	7.78	570	0	220	35	57	22.0	0.00	210	40	27	43	3.4	0.32	371	300	6.16	52.98
340	Rajasthan	W263402075451501	JAIPUR	PHAGI	DAWACH	75.754	26.567	7.85	2510	0	390	447	248	30.0	0.07	490	83	66	352	3.1	9.49	1632	680.33	4.76	42.06
341	Rajasthan	W264422076032501	JAIPUR	BASSI	Deogaon	76.057	26.739	8.38	2040	96	159	241	348	74.0	0.09	320	48	49	338	2.4	0.91	1326	262.3	5.75	65.44
342	Rajasthan	W264520075535801	JAIPUR	CHAKSU	GONER	75.899	26.756	8.05	3090	0	366	624	322	61.0	0.03	740	100	119	385	2.4	4.40	2009	890.33	18.9	84.39
343	Rajasthan	W270104076004301	JAIPUR	JAMWA RAMGARH	Jamwa Ramgarh	76.012	27.018	8.45	4000	60	390	702	590	24.0	0.11	1220	196	177	378	8.5	3.08	2600	358.2	2.12	33.78
344	Rajasthan	W274125076084101	JAIPUR	KOTPUTLI	Kansli	76.145	27.69	8.15	3700	0	598	227	938	81.0	0.00	975	172	132	414	4.1	9.68	2405	214.75	3.87	52.27
345	Rajasthan	W270314075243301	JAIPUR	SAMBHAR	Kheerwa	75.409	27.054	8.2	710	0	183	57	138	11.0	0.05	300	40	49	39	1.2	0.77	462	329.84	15.3	86.75
346	Rajasthan	W271811076021801	JAIPUR	SHAHPURA	Khora Ladhani	76.038	27.303	7.72	4100	0	195	553	1018	102.0	0.05	1020	184	132	415	142	2.30	2665	159.84	0.82	19.13
347	Rajasthan	W263905075351101	JAIPUR	PHAGI	Ladana	75.586	26.651	8.13	5000	0	939	624	698	100.0	0.12	1120	196	153	635	9.5	19.52	3250	319.67	4.71	40.05
348	Rajasthan	W264511076095701	JAIPUR	BASSI	Madhogarh	76.166	26.753	7.91	3000	0	366	567	374	10.0	0.06	720	120	102	358	6.9	2.30	1950	448.36	11.31	84.22
349	Rajasthan	W263438075392101	JAIPUR	PHAGI	Madhorajpur	75.656	26.577	7.13	920	0	354	50	82	75.0	0.03	270	28	49	108	3.5	0.21	598	490.16	5.77	47.7
350	Rajasthan	W264145075410001	JAIPUR	PHAGI	Majhi Renwal	75.683	26.696	8.34	4180	120	671	255	928	28.0	0.03	300	40	49	831	3.1	3.56	2717	1640.16	19.17	75.56
351	Rajasthan	W263636075164001	JAIPUR	DUDU	MANGARWARA	75.278	26.61	8.19	2700	0	830	234	332	53.0	0.04	360	60	51	475	8.5	0.85	1755	1250	24.38	65.7
352	Rajasthan	W264358075513101	JAIPUR	SANGANER	Mathurawala	75.859	26.733	8.12	860	0	317	57	120	8.3	0.07	260	40	39	92	1.0	0.13	559	1200	18.97	78.16
353	Rajasthan	W264800075263601	JAIPUR	DUDU	NASNOTA	75.443	26.8	8.18	3570	0	830	440	504	14.0	0.02	1060	160	160	356	5.2	1.00	2321	800	15.19	55.37
354	Rajasthan	W263014075304901	JAIPUR	PHAGI	Nemeda	75.514	26.504	8.37	3790	96	891	319	506	40.0	0.09	290	44	44	740	6.1	2.30	2464	150	0.98	21.96
355	Rajasthan	W264410075193001	JAIPUR	DUDU	PALLUKHURD	75.325	26.736	8.41	1980	12	378	305	225	25.0	0.10	130	24	47	350	2.5	0.67	1287	280.33	2.5	36.64
356	Rajasthan	W272041076065001	JAIPUR	VIRATNAGAR	Palri	76.114	27.345	7.95	7680	0	2001	539	1410	16.0	0.08	940	148	138	1351	8.1	1.73	4992	180.33	1.29	30.38
357	Rajasthan	W265743076004901	JAIPUR	JAMWA RAMGARH	Papar	76.014	26.962	7.6	15300	0	1525	2723	2450	68.0	0.02	1700	380	425	1880	723	1.76	9945	277.87	3.37	52.18
358	Rajasthan	W263021075362401	JAIPUR	PHAGI	Parun	75.607	26.506	8.42	6190	60	1342	922	568	81.0	0.09	680	124	90	1137	8.7	1.81	4024	159.84	5.56	42.48
359	Rajasthan	W270851076065501	JAIPUR	JAMWA RAMGARH	Raiser	76.115	27.148	8.12	11250	0	750	2250	2780	72.0	0.01	3550	560	522	1450	75	8.21	7313	207.54	1.29	29.28
360	Rajasthan	W265422075131201	JAIPUR	SAMBHAR	Sambhar	75.22	26.906	8.2	930	0	342	28	168	24.0	0.11	230	36	34	87	7.6	0.85	605	240.16	2.57	36.97
361	Rajasthan	W264249075532501	JAIPUR	CHAKSU	SHIVDASPURA	75.89	26.714	8.2	1500	0	293	183	152	112.0	0.00	470	80	66	128	3.7	0.73	975	1240.16	9.64	57.27
362	Rajasthan	W263645075512601	JAIPUR	CHAKSU	THALLI	75.857	26.613	8.26	5050	0	1513	695	548	264.0	0.01	1280	180	202	793	5.5	1.07	3283	790.16	4.72	58.88
363	Rajasthan	W264223075300601	JAIPUR	PHAGI	Tickel	75.502	26.706	8.15	3210	0	964	184	524	15.0	0.14	660	96	102	438	4.1	2.33	2087	769.67	8.25	54.95
364	Rajasthan	W273100071500001	JAISALMER	JAISALMER	AWAI	71.833	27.517	7.74	3740	0	764	602	248	250.0	0.49	300	44	46	750	3.7	5.50	2431	290.16	8.61	67.88
365	Rajasthan	W270200070540002	JAISALMER	JAISALMER	BAISHAKHI	70.9	27.033	7.75	9550	0	244	2517	666	525.0	0.35	1450	280	182	1520	95	2.32	6208	460.16	10.66	81.12
366	Rajasthan	W263750071293001	JAISALMER	SANKRA	BHAINSARA	71.492	26.631	8.13	3210	0	439	751	122	85.0	0.46	320	48	49	580	29	1.05	2087	359.84	6.3	61.85
367	Rajasthan	W274312071584601	JAISALMER	JAISALMER	Bhavanipura Shallow	71.979	27.72	8.12	745	0	244	92	13	28.0	0.00	160	40	15	61	63	1.17	484	219.67	8.92	83.39
368	Rajasthan	W265930071180001	JAISALMER	JAISALMER	CHANDAN	71.3	26.992	7.98	5630	0	586	794	316	1150.0	0.35	640	88	102	1000	40	2.46	3660	319.67	17.69	85.09
369	Rajasthan	W270600070553301	JAISALMER	JAISALMER	CHODHARIYA	70.926	27.1	8.18	1910	0	439	276	63	180.0	0.25	360	104	24	275	7	1.50	1242	219.67	11.98	62.43
370	Rajasthan	W265800071213002	JAISALMER	JAISALMER	Delasar	71.358	26.967	7.85	6030	0	1867	1092	165	33.0	8.80	1000	176	136	990	106	1.10	3920	269.67	6.5	65.4
371	Rajasthan	W265415071213001	JAISALMER	JAISALMER	DHAISAR	71.358	26.904	8.4	2800	90	73	581	362	1.0	0.50	250	48	32	535	5.3	3.60	1820	240.16	7.36	72.93
372	Rajasthan	W272910070185801	JAISALMER	SAM	GAMANEWALA	70.316	27.486	8.11	2760	0	305	588	312	0.4	0.48	250	52	29	530	8.4	2.20	1794	259.84	18.72	79.58
373	Rajasthan	W272708071274701	JAISALMER	JAISALMER	GHANTIVALI	71.463	27.452	7.78	6610	0	268	1815	563	1.8	0.30	1240	224	165	970	23	2.78	4297	249.67	22.09	88.32
374	Rajasthan	W265808071560001	JAISALMER	SANKRA	Gomath	71.933	26.969	8.4	1545	42	476	184	43	0.7	0.30	140	24	19	290	5.3	3.20	1004	430.33	23.02	89.41
375	Rajasthan	W271900070021501	JAISALMER	SAM	GOTARU	70.038	27.317	8.2	1512	0	610	142	31	36.0	0.36	240	64	19	240	5	1.80	983	259.84	14.91	84.21
376	Rajasthan	W264545071361501	JAISALMER	SANKRA	GUDI KA TALA	71.604	26.763	8.2	950	0	427														

Chemical analysis results of samples collected during NHS monitoring 2019

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS/cm at 25° C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
391	Rajasthan	W265400070503002	JAISALMER	JAISALMER	Moolsagar1	70.842	26.9	8.12	3230	0	256	702	396	4.0	0.13	470	96	56	520	15	0.88	2100	500	6.74	67.93
392	Rajasthan	W274850070245801	JAISALMER	SAM	Nathu ka bera	70.416	27.814	8.17	1870	0	256	354	215	3.0	0.40	160	48	10	352	10	0.75	1216	459.84	21.32	83.65
393	Rajasthan	W262430071554001	JAISALMER	SANKRA	PHALSUND	71.928	26.408	7.98	720	0	256	71	39	22.0	0.21	150	24	22	97	9	1.20	426	200	17.36	67.77
394	Rajasthan	W263216071324101	JAISALMER	SANKRA	RAJGARH1	71.545	26.538	7.58	2930	0	390	602	279	2.0	0.19	200	40	24	575	15	2.05	1905	1530.33	13.62	65.47
395	Rajasthan	W263300071030001	JAISALMER	SAM	Rama1	71.05	26.55	7.77	1270	0	293	220	51	33.0	0.11	160	44	12	214	10	2.00	826	250	14.58	81.55
396	Rajasthan	W273930070274501	JAISALMER	SAM	RANAU	70.463	27.658	7.85	1540	0	329	262	150	35.0	0.05	280	44	41	250	6	1.63	1001	180.33	14.34	82.07
397	Rajasthan	W273805070144001	JAISALMER	SAM	SADEWALA	70.244	27.635	7.65	5820	0	183	1810	165	38.0	0.18	580	144	54	1050	38	0.90	3783	100	16.32	69.85
398	Rajasthan	W264930070312401	JAISALMER	SAM	SAM1	70.523	26.825	7.72	5325	0	622	1220	291	185.0	0.18	400	72	54	1050	6	2.50	3461	350	0.75	13.59
399	Rajasthan	W271500070375501	JAISALMER	SAM	SANU	70.632	27.25	8.01	3315	0	525	645	224	120.0	0.17	170	28	24	690	6	1.90	2155	259.84	10.3	66.89
400	Rajasthan	W272512071393201	JAISALMER	JAISALMER	Sataya_DW	71.659	27.42	7.82	1950	0	415	347	119	25.0	0.04	340	48	54	288	10	1.50	1268	369.67	11	74.53
401	Rajasthan	W270500071330001	JAISALMER	SANKRA	SRIBHADRIA	71.55	27.083	7.85	2560	0	451	496	189	7.0	0.02	300	48	44	438	20	2.05	1664	150	18.77	78.42
402	Rajasthan	W274800070220001	JAISALMER	SAM	TANOT	70.367	27.8	8.18	1800	0	354	199	206	125.0	0.04	200	32	29	280	69	3.45	1170	350	27.95	84.46
403	Rajasthan		Jaisalmer	JAISALMER	Tota	71.7504	27.2474	8.19	740	0	268	39	87	9.0	0.08	50	12	5	145	10	1.52	481	0	0	0
404	Rajasthan	W250045072154501	JALORE	BHINMAL	BHINMAL1	72.263	25.013	8.18	2100	0	488	227	323	33.0	0.01	430	68	63	254	84	1.67	1365	540.16	7.19	42.69
405	Rajasthan	W251211072394601	JALORE	JALORE	Digaon	72.663	25.203	7.85	6400	0	439	1774	295	39.0	0.00	1750	240	279	667	2.8	0.73	4160	280.33	6.27	50.71
406	Rajasthan	W245630071243001	JALORE	CHITALWANA	DOONGRI	71.408	24.942	8.2	7990	0	659	1347	1400	159.0	0.01	2300	240	413	793	12	3.70	5194	400	6.46	46.86
407	Rajasthan	W252132072015101	JALORE	BHINMAL	KHOKAGAON	72.031	25.359	8.13	4970	0	488	766	798	264.0	0.00	1340	200	204	544	8	1.34	3231	480.33	6.55	52.09
408	Rajasthan	W250313072204601	JALORE	BHINMAL	Ledarmer	72.346	25.054	8.04	7250	0	366	1772	991	88.0	0.00	2400	360	364	690	4.7	0.02	4713	359.84	6.94	45.27
409	Rajasthan	W253151072515901	JALORE	AHORE	NIMLA	72.866	25.531	8.27	3690	0	586	709	370	19.0	0.00	900	160	121	452	3.2	1.35	2399	319.67	6.43	45.36
410	Rajasthan	W245830072343001	JALORE	JASWANTPURA	PUNAK KALAN	72.575	24.975	8.12	3880	0	488	836	364	5.4	0.00	1100	200	146	398	4.6	2.01	2522	400	5.33	50.69
411	Rajasthan	W252327071593101	JALORE	BHINMAL	Rangala	71.992	25.391	7.71	3740	0	342	851	368	11.0	0.00	920	168	121	437	3	0.01	2431	300	6.13	38.41
412	Rajasthan	W251209072255101	JALORE	JASWANTPURA	Serena	72.431	25.203	8.1	4970	0	390	1071	620	71.0	0.01	1280	204	187	529	83	0.14	3231	400	5.22	43.91
413	Rajasthan	W242445076334001	JHALAWAR	AKLERA	AKLERA	76.561	24.413	7.42	1980	0	415	156	446	17.0	0.02	390	64	56	298	1.6	0.34	1287	340.16	6.56	62.31
414	Rajasthan	W242915076181001	JHALAWAR	JHALRAPATAN	AKTASA	76.303	24.488	7.32	5680	0	281	1297	773	2.4	0.02	1720	360	199	511	30	0.15	3692	230.33	5.36	38.73
415	Rajasthan	W242630075545501	JHALAWAR	BHAWANI MANDI	ANVLKALAN	75.915	24.442	8.14	570	0	171	64	86	0.7	0.01	140	20	22	83	2.9	0.28	371	140.16	3.05	55.67
416	Rajasthan	W241615076301501	JHALAWAR	AKLERA	ASALPUR	76.504	24.271	7.84	640	0	122	35	188	24.0	0.02	310	48	46	25	3.2	0.33	416	100	0.62	14.76
417	Rajasthan	W242439076111401	JHALAWAR	PIRAWA	BINDA	76.187	24.411	7.71	910	0	219	156	15	73.0	0.00	410	88	46	30	1.7	0.34	592	179.51	0.64	13.67
418	Rajasthan	W242600076223001	JHALAWAR	JHALRAPATAN	DOONGARGAON	76.375	24.433	7.85	480	0	122	14	132	4.3	0.01	220	40	29	19	0.9	0.38	312	100	0.56	15.75
419	Rajasthan	W243939076112101	JHALAWAR	KHANPUR	GAGRON	76.189	24.661	7.75	790	0	183	78	129	52.0	0.01	350	72	41	39	2.6	0.36	514	150	0.91	19.36
420	Rajasthan	W242023076462201	JHALAWAR	MANOHAR THANA	GAJWARA	76.773	24.34	7.84	740	0	122	99	92	57.0	0.00	330	36	36	68	0.4	0.17	481	100	0.6	14.13
421	Rajasthan	W242900075573501	JHALAWAR	BHAWANI MANDI	GANESHPURA	75.96	24.483	7.04	570	0	159	57	94	0.8	0.00	150	24	22	72	3.3	0.28	371	130.33	2.59	50.73
422	Rajasthan	W235600075370001	JHALAWAR	DAG	GANGDIYA	75.617	23.933	7.85	2000	0	439	255	232	129.0	0.01	750	120	109	115	52	0.16	1300	359.84	1.83	23.45
423	Rajasthan	W240550075520001	JHALAWAR	BHAWANI MANDI	GAURADHYA KALAN	75.867	24.097	7.92	780	0	73	35	188	39.0	0.01	340	32	63	48	0.1	0.16	507	59.84	1.13	23.48
424	Rajasthan	W235942075530001	JHALAWAR	DAG	GAURNAVI	75.883	23.995	7.69	1500	0	232	241	236	109.0	0.02	290	40	46	217	0.6	0.30	975	190.16	5.54	61.88
425	Rajasthan	W235710075423401	JHALAWAR	DAG	GWALAT	75.709	23.953	7.76	1120	0	329	127	94	55.0	0.01	380	60	56	98	1.8	0.75	728	269.67	2.19	35.8
426	Rajasthan	W243658076103401	JHALAWAR	JHALRAPATAN	JHALAWAR	76.176	24.616	7.98	1050	0	342	113	106	10.0	0.01	350	40	61	96	3.8	0.25	683	280.33	2.23	37.05
427	Rajasthan	W241656076435001	JHALAWAR	MANOHAR THANA	JHIRI	76.731	24.282	8.14	895	0	293	28	116	59.0	0.07	250	36	39	92	0.6	0.32	582	240.16	2.53	44.39
428	Rajasthan	W241040075500001	JHALAWAR	BHAWANI MANDI	KARVAN KALA	75.833	24.178	7.92	1180	0	287	135	128	52.0	0.00	540	96	73	30	0.5	0.40	767	235.25	0.56	10.77
429	Rajasthan	W243552076153001	JHALAWAR	KHANPUR	MANDAWAR1	76.258	24.598	7.88	3460	0	427	638	475	20.0	0.01	210	36	29	674	69	0.13	2249	350	20.23	83.11
430	Rajasthan	W241400076483001	JHALAWAR	MANOHAR THANA	MANOHAR THANA1	76.808	24.233	8.17	540	0	110	106	96	0.8	0.00	160	40	14	81	4.2	0.14	351	90.16	2.79	51.59
431	Rajasthan	W241630075503001	JHALAWAR	BHAWANI MANDI	MISHROLI	75.842	24.275	8.16	900	0	214	71	172	11.0	0.01	280	32	49	85	1.8	0.43	585	175.41	2.21	39.57
432	Rajasthan	W242648076120001	JHALAWAR	JHALRAPATAN	Nahardi	76.2	24.447	8.17	840	0	238	71	148	14.0	0.03	280	40	44	79	11	0.29	546	195.08	2.05	36.88
433	Rajasthan	W242100076402001	JHALAWAR	MANOHAR THANA	SAREDI	76.672	24.35	8.11	1140	0	354	50	182	56.0	0.04	360	80	39	110	0.8	0.46	741	290.16	2.52	39.85
434	Rajasthan	W281810075373001	JHUNJHUNU	SURAJGARH	Devroad	75.625	28.303	7.77	1000	0	201	149	124	31.0	0.01	170	32	22	165	2.3	0.81	650	164.75	5.5	67.48
435	Rajasthan	W281300075410101	JHUNJHUNU	SURAJGARH	Lakhu	75.684	28.217	7.76	1100	0	177	177	164	30.0	0.01	270	36	44	148	2.9	2.85	715	145.08	3.92	54.05
436	Rajasthan	W281845075262301	JHUNJHUNU	CHIRAWA	MANDRELA	75.44	28.313	7.83	240	0	43	14	62	0.0	0.01	90	16	12	11	6.7	0.09	156	35.25	0.5	19.53
437	Rajasthan	W281030075271501	JHUNJHUNU	JHUNJHUNUN	Math	75.454	28.175	7.6	1270	0	165	326	43	26.0	0.01	140	28	17	240	1.8	0.97	826	135.25	8.82	78.58
438	Rajasthan	W282345075400001	JHUNJHUNU	SURAJGARH	Morwa	75.667	28.396	7.94	1800	0	573	163	201	23.0	0.01	190	32	27	340	2.3	1.16	1170	469.67	10.73	79.31
439	Rajasthan	W282445075440001	JHUNJHUNU	SURAJGARH	PIPLI	75.733	28.413	7.98	1770	0	281	269	264	0.8	0.01	190	36	24	320	3	1.00	1151	230.33	10.1	78.22
440	Rajasthan	W281425075360401	JHUNJHUNU	CHIRAWA	Shivpura1	75.601	28.24	7.84	1510	0	226	241	196	34.0	0.01	230	44	29	243	3.1	1.22	982	185.25	6.97	69.32
441	Rajasthan	W280000075320001	JHUNJHUNU	UDAIPURWATI	Sithal	75.533	28	7.85	1190	0	189	255	62	25.0	0.01	280	44	41	147	3	0.71	774	154.92	3.82	

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456	Rajasthan	W264632073384001	JODHPUR	BHOPALGARH	Gerasni	73.644	26.776	7.96	5200	0	658	944	680	65.0	0.47	555	127	58	951	11	1.42	3380	230.33	17.23	70.04
457	Rajasthan		JODHPUR	BAPINI	Jhakan	73.0899	27.0145	8.42	2450	48	176	468	340	67.0	0.38	180	46	16	512	5.1	2.36	1593	0	0	0
458	Rajasthan	W261800073020001	JODHPUR	MANDOR	JODHPUR	73.0333	26.3	8.1	1050	0	510	138	350	60.0	0.27	470	139	30	260	3	3.30	683	280.33	4.21	44.03
459	Rajasthan	W261620072493001	JODHPUR	MANDOR	KARANI	72.825	26.272	7.9	1980	0	530.2	142	365	55.0	0.16	490	141	33	264	4	3.23	1287	608.52	26.71	91.34
460	Rajasthan	W260902072495601	JODHPUR	LUNI	KHUDALA	72.832	26.151	7.9	1850	0	315	372	75	211.0	0.28	440	91	52	273	8	1.35	1203	939.84	43.77	93.74
461	Rajasthan	W265500072180001	JODHPUR	DECHOO	KOLU	72.3	26.917	8.1	3270	0	803	365	485	26.0	0.34	350	75	40	620	3.9	0.39	2126	224.26	16.6	85.66
462	Rajasthan	W262636072281401	JODHPUR	BALESAR	Kui Jodha	72.471	26.443	8.11	4670	0	915	865	331	194.0	0.02	200	40	24	1050	4.8	6.20	3036	118.03	3.09	54.83
463	Rajasthan	W264415073321502	JODHPUR	BHOPALGARH	Kumara	73.538	26.738	7.76	11120	0	378.2	2978	288	1150.0	0.68	1350	160	231	2000	36	2.00	7228	254.92	11.85	69.35
464	Rajasthan	W262000072120001	JODHPUR	SHERGARH	KUMARO KI DHANI	72.2	26.333	8.54	6000	78	988.2	1234	370	60.0	0.01	180	32	24	1350	13	6.20	3900	574.26	20.61	86.93
465	Rajasthan	W261232073034801	JODHPUR	LUNI	KURI1	73.063	26.209	8.04	10000	0	976	2659	129	570.0	0.03	800	80	146	2000	8.4	5.00	6500	198.36	13.39	74.49
466	Rajasthan	W260000073011501	JODHPUR	LUNI	Luni	73.021	26	8.16	2900	0	573.4	631	45	75.0	0.05	290	44	44	540	6	5.00	1885	177.87	0.91	23.39
467	Rajasthan	W262100073023001	JODHPUR	MANDOR	MANDORE1	73.042	26.35	7.98	2120	0	451.4	390	126	130.0	0.01	380	40	68	355	8.6	2.20	1378	400	3.94	42.73
468	Rajasthan	W260700073015901	JODHPUR	LUNI	MOGRA	73.033	26.117	7.84	4190	0	805.2	950	93	70.0	0.04	740	56	146	650	7.9	3.00	2724	268.03	7.79	54.8
469	Rajasthan	W262323072171001	JODHPUR	SHERGARH	Nahar Singh Nagar	72.286	26.39	7.86	5860	0	329.4	1574	424	18.0	0.12	600	112	78	1080	5	2.50	3809	539.34	17.56	78.42
470	Rajasthan	W261440072543001	JODHPUR	MANDOR	NARAN KI DHANI	72.908	26.244	8.46	10430	84	878.4	2588	445	298.0	0.15	350	60	49	2250	17	18.00	6780	258.2	8.93	64.4
471	Rajasthan	W260915072553401	JODHPUR	LUNI	NARNADI	72.926	26.154	7.85	2440	0	341.6	425	110	325.0	0.02	700	120	97	256	6	2.50	1586	277.87	1.03	21.31
472	Rajasthan	W262504072553301	JODHPUR	MANDOR	Narwa	72.926	26.418	7.85	1650	0	366	319	92	40.0	0.01	330	60	44	252	5.4	2.00	1073	300	6.0	61.93
473	Rajasthan		JODHPUR	PHALODI	Nokhra Charna	72.8925	27.2322	7.84	4200	0	311.1	1106	327	36.0	0.03	660	128	83	700	10	3.20	2730	0	0	0
474	Rajasthan	W261400073273001	JODHPUR	BILARA	Olvi	73.458	26.233	8.04	5030	0	518.5	1404	168	26.0	0.00	360	48	58	1030	4.3	1.10	3270	519.67	17.96	82.96
475	Rajasthan	W264330072550002	JODHPUR	OSIAN	OSIAN2	72.917	26.725	8.3	1815	30	427	227	148	110.0	0.00	440	116	36	190	89	0.92	1180	658.2	14.42	79.1
476	Rajasthan	W264030073200001	JODHPUR	BAORI	PALRI1	73.333	26.675	7.86	5050	0	341.6	1446	222	24.0	0.52	640	112	88	890	6.7	4.20	3283	319.67	10.78	69.87
477	Rajasthan	W261930072143701	JODHPUR	SHERGARH	Rajwas	72.244	26.325	8.14	3900	0	634.4	922	78	70.0	0.06	330	36	58	750	4	2.50	2535	574.26	19.47	86.2
478	Rajasthan	W262210073224801	JODHPUR	PIPAR CITY	RAMRAWAS	73.38	26.369	8.2	6360	0	829.6	1631	189	33.0	0.24	440	40	83	1275	3.8	4.50	4134	680.33	26.44	86.18
479	Rajasthan	W261140072463001	JODHPUR	LUNI	RARON KI DHANI	72.775	26.194	7.58	12620	0	268.4	4112	546	110.0	0.65	2700	400	413	1825	13	2.00	8203	738.52	34.72	86.04
480	Rajasthan	W261430072515001	JODHPUR	MANDOR	ROHIL KALAN	72.864	26.242	7.96	2036	0	305	454	82	51.0	0.05	360	64	49	300	6.8	1.30	1323	138.52	4.6	65.6
481	Rajasthan	W262447072505601	JODHPUR	MANDOR	Salodi	72.849	26.413	8.05	3500	0	390.4	858	156	68.0	0.01	520	96	68	565	7.8	3.40	2275	250	6.88	63.9
482	Rajasthan	W263206073321501	JODHPUR	PIPAR CITY	SARGIA KALLAN	73.538	26.535	7.63	8900	0	280.6	2595	560	23.0	0.06	1340	256	170	1450	7.3	3.20	5785	425.41	23.61	85.97
483	Rajasthan	W263400073004201	JODHPUR	TINWARI	Umaidnagar	73.012	26.567	8.02	2020	0	329.4	411	131	65.0	0.00	330	56	46	325	4.8	0.80	1313	469.67	13.92	79.93
484	Rajasthan	W264135076553001	KARAULI	HINDAUN	BADH KAMLA	76.925	26.693	8.35	1870	24	925	88	225	9.0	0.16	330	96	22	385	3.5	0.38	1216	798.2	9.22	71.46
485	Rajasthan	W263231077105601	KARAULI	KARAULI	BHAUAPURA	77.182	26.542	7.31	1210	0	449	187	55	23.0	0.74	340	68	41	171	5.2	1.10	787	368.03	4.03	51.78
486	Rajasthan	W263830077001501	KARAULI	HINDAUN	GURLA1	77.004	26.642	7.66	1120	0	303	145	125	170.0	0.34	530	120	56	87	4.8	0.38	728	248.36	1.64	26.24
487	Rajasthan	W264400077020001	KARAULI	HINDAUN	Hindaun	77.033	26.733	8.2	1530	0	815	187	55	20.0	0.40	500	126	45	216	3.4	0.87	995	668.03	4.2	46.42
488	Rajasthan	W264200077010001	KARAULI	HINDAUN	ISLAMPUR	77.017	26.7	8.48	3850	36	908	653	320	105.0	0.39	480	129	38	770	4.5	3.10	2503	804.26	15.29	77.52
489	Rajasthan	W264930076560001	KARAULI	TODABHIM	KARAMPURA1	76.933	26.825	7.55	3750	0	820	750	450	66.0	0.12	470	120	41	823	2.5	2.52	2438	672.13	16.51	79.09
490	Rajasthan		KARAULI	KARAULI	Karauli Pz	77.0135	26.4942	8.4	580	36	254	45	15	54.0	0.10	260	63	25	62	2.5	0.51	377	0	0	0
491	Rajasthan	W262530076560001	KARAULI	KARSAI	KARSAI	76.933	26.425	8.5	1250	48	386	107	75	105.0	0.06	460	100	51	114	4.5	0.55	813	396.39	2.31	34.74
492	Rajasthan	W261929076560001	KARAULI	KARAULI	KELADEVI	76.933	26.325	8.16	537	0	303	38	90	15.0	0.41	280	80	19	59	4	0.31	349	248.36	1.53	31.29
493	Rajasthan	W262600076570001	KARAULI	KARAULI	Mamachari	76.95	26.433	8.06	530	0	352	31	120	17.0	0.10	300	78	26	79	3	1.40	345	288.52	1.98	36.12
494	Rajasthan	W261840077143201	KARAULI	MANDRAIL	MANDRAL	77.242	26.311	7.54	655	0	242	60	102	36.0	0.06	270	75	20	68	3.5	0.45	426	198.36	1.8	35.02
495	Rajasthan	W264303076411901	KARAULI	NADOTI	NADAUTI	76.689	26.718	7.91	3780	0	498	570	735	9.0	0.50	520	120	54	680	3.4	2.40	2457	408.2	12.97	73.83
496	Rajasthan	W263630076424101	KARAULI	NADOTI	SAHAR1	76.711	26.608	7.57	5440	0	449	1074	950	294.0	0.10	1120	300	90	914	8.5	0.42	3536	368.03	11.88	63.74
497	Rajasthan	W261646076461101	KARAULI	SAPOTRA	SAPOTRA1	76.77	26.279	7.76	980	0	500	53	160	55.0	0.06	310	80	27	180	3.9	0.82	637	409.84	4.45	55.41
498	Rajasthan	W250115075420001	KOTA	LADPURA	BORAWAS	75.7	25.021	8.2	1070	0	293	106	139	30.0	0.02	450	68	68	39	21	0.35	696	240.16	0.8	15.1
499	Rajasthan	W245430075584001	KOTA	LADPURA	DARA	75.978	24.908	8.04	900	0	268	50	148	0.3	0.02	210	16	41	109	1.5	0.35	585	219.67	3.27	52.8
500	Rajasthan	W251430076052001	KOTA	SULTANPUR	DIGOD1	76.089	25.242	8.14	2000	0	500	128	418	3.8	0.01	630	92	97	183	3.1	0.72	1300	409.84	3.17	38.57
501	Rajasthan	W253433076183601	KOTA	ITAWA	GAINTA	76.31	25.576	8.21	1240	0	420	70	185	18.0	0.02	440	24	92	99	2.6	0.64	806	344.26	2.05	32.69
502	Rajasthan	W251324075494601	KOTA	LADPURA	GIRDHARPURA	75.829	25.223	8.16	820	0	244	99	76	8.4	0.00	350	24	70	33	4	0.33	533	200	0.77	16.81
503	Rajasthan	W251557075545501	KOTA	LADPURA	GUDLI	75.915	25.266	8.08	1700	0	561	106	210	32.0	0.01	720	96	117	63	0.8	0.83	1105	459.84	1.02	15.97
504	Rajasthan	W252615076240001	KOTA	ITAWA	KESHAVPURA	76.4	25.438	8.07	2100	0	598	192	257	31.0	0.01	900	160	121	70	3.8	0.70	1365	490.16	1.02	14.4
505	Rajasthan	W254041076283001	KOTA	ITAWA	KHATOLI	76.475	25.678	7.97	3990	0	598	744	830	89.0	0.00	740	100	119	798	3.5	0.61	2594	490.16	12.76	69.98
506	Rajasthan	W250716075575601	KOTA	LADPURA	KHERARASULPUR	75.966	25.121	8.05	1900	0	525	163	264	32.0	0.00	760	108	119	92	3.1	0.14	1235	43		

Chemical analysis results of samples collected during NHS monitoring 2019

Appendix III

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS/cm at 25 °C	CO ₃	HCO ₃	Cl	SO ₄	NO ₃	PO ₄	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
521	Rajasthan	W272045074290001	NAGAU	DIDWANA	KOLIA	74.483	27.346	8.89	9000	108	927	1588	1595	80.0	0.00	1040	16	243	1800	3.2	16.80	5850	440.16	2.73	38.8
522	Rajasthan	W270841074515801	NAGAU	KUCHAMAN CITY	Kuchaman_Pz	74.866	27.145	8.1	4780	0	768	1134	343	19.0	0.00	430	16	95	1000	2.5	1.70	3107	519.67	12.13	74.06
523	Rajasthan	W271900074450001	NAGAU	MOLASAR	Maulasar	74.75	27.317	8.15	3400	0	683	581	323	16.0	0.01	210	36	29	700	2.3	1.38	2210	309.84	5.62	59.42
524	Rajasthan	W264331073552901	NAGAU	MERTA	Merta Road_Pz	73.925	26.725	8.76	1115	24	378	149	9	0.4	0.00	70	4	15	230	2.5	0.85	725	480.33	12.35	83.77
525	Rajasthan	W270050074323801	NAGAU	MAKRANA	MODI CHARANAN	74.544	27.014	7.8	1750	0	500	269	40	85.0	0.00	400	56	63	230	4	1.10	1138	790.16	22.31	74.02
526	Rajasthan	W264532073461501	NAGAU	MERTA	Nokha Chandwata_Pz	73.771	26.759	7.87	1310	0	354	184	106	25.0	0.01	390	24	80	134	4.2	1.45	852	290.16	2.95	42.44
527	Rajasthan	W272231074310001	NAGAU	DIDWANA	RAGHUNATHPURA	74.517	27.375	8.12	1620	0	586	241	20	31.0	0.00	140	20	22	336	1.2	2.00	1053	659.84	18.91	78.56
528	Rajasthan	W263200074150001	NAGAU	RIYAN BARI	RIAN	74.25	26.533	8.2	10000	0	964	2368	1639	40.0	0.00	1520	32	350	2000	5.1	0.70	6500	349.84	11.96	87.24
529	Rajasthan		NAGAU	PARBATSAR	Rohindi	74.7092	26.8358	8.16	5500	0	305	1418	484	47.0	0.00	1800	240	291	454	4.7	0.26	3575	0	0	0
530	Rajasthan	W273100074310001	NAGAU	LADNU	SANWARD	74.517	27.517	8.4	4940	120	317	1007	420	195.0	0.00	1120	196	153	621	5.9	0.03	3211	590.16	7.8	54.44
531	Rajasthan	W272831074304501	NAGAU	DIDWANA	SINGHANA1	74.513	27.475	8.14	900	0	134	68	230	8.6	0.00	270	40	41	83	3.2	0.01	585	540.16	17.62	65.05
532	Rajasthan	W250651073093101	PALI	SUMERPUR	Balwana	73.159	25.114	7.95	3590	0	927	602	151	23.0	0.01	320	44	51	680	3	5.90	2334	269.67	0.74	15.58
533	Rajasthan	W261946074034701	PALI	JAITARAN	BASSI1	74.063	26.329	7.9	3425	0	720	652	129	70.0	0.06	380	68	51	610	6	4.50	2226	759.84	16.54	82.04
534	Rajasthan	W260800074060301	PALI	RAIPUR	HAIJWAS	74.101	26.133	7.35	3850	0	427	723	36	640.0	0.01	1170	240	139	325	4	2.00	2516	590.16	13.61	77.39
535	Rajasthan	W260053074014401	PALI	RAIPUR	Hariपुर Rly Stn	74.029	26.015	8.08	3300	0	1171	425	42	55.0	0.02	320	44	51	620	2	8.20	2145	350	4.13	36.64
536	Rajasthan	W255110073283001	PALI	SOJAT	KANAWAS	73.475	25.853	8.4	2880	42	964	390	102	1.0	0.02	350	48	56	540	1	2.34	1872	959.84	15.08	80.7
537	Rajasthan	W255000073381501	PALI	SOJAT	KARIASODA	73.638	25.833	8.37	968	18	281	163	2	15.0	0.01	60	4	12	210	2	1.25	629	860.16	12.56	76.98
538	Rajasthan	W252945073153001	PALI	RANI STATION	KIRWA	73.258	25.496	8	6080	0	1342	695	912	50.0	0.01	320	36	56	1260	14	2.00	3952	419.67	4.67	48.65
539	Rajasthan	W260900074010601	PALI	JAITARAN	NIMAJ	74.018	26.15	7.16	4100	0	220	1007	398	62.0	0.01	1280	216	180	366	3.1	4.36	2665	260.33	11.86	88.07
540	Rajasthan	W251345073094501	PALI	SUMERPUR	NIMBORNATH	73.163	25.229	8.35	2300	60	390	298	298	15.0	0.01	600	88	92	263	3	3.58	1495	300	0.81	16.98
541	Rajasthan	W254600073200001	PALI	PALI	PAL1	73.333	25.767	8.2	2100	0	464	241	302	51.0	0.00	410	48	70	271	68	3.31	1365	180.33	4.45	38.27
542	Rajasthan	W250930073125801	PALI	BALI	PERWA	73.216	25.158	8.17	900	0	366	50	68	17.0	0.03	370	64	51	36	10	1.92	585	279.84	2.77	43.05
543	Rajasthan	W261200073490001	PALI	JAITARAN	PRITHIPURA	73.817	26.2	8.1	970	0	354	71	96	9.2	0.03	280	24	53	100	3.5	1.45	631	1100	30.63	89.02
544	Rajasthan	W251100073173001	PALI	BALI	RADAWAS	73.292	25.183	7.8	800	0	281	50	94	38.0	0.01	390	64	56	20	3	1.44	520	290.16	2.6	43.33
545	Rajasthan	W250659073282101	PALI	DESURI	RANAKPUR	73.473	25.116	7.78	1000	0	305	121	104	0.7	0.00	410	56	66	52	9	1.40	650	250	1.2	21.16
546	Rajasthan	W251045073274501	PALI	DESURI	SADRI	73.463	25.179	8.4	1100	72	195	78	152	19.0	0.00	320	36	56	114	6.3	3.33	715	230.33	0.44	9.95
547	Rajasthan	W25185073105801	PALI	SUMERPUR	SANDERAO	73.183	25.315	8.18	900	0	329	78	76	11.0	0.00	400	88	44	34	0.6	1.98	585	380.33	5.82	54.26
548	Rajasthan	W254328072580001	PALI	ROHAT	VAED	72.967	25.724	7.69	7980	0	781	1702	629	409.0	0.02	1400	180	231	1038	290	0.74	5187	640.16	12.07	56.04
549	Rajasthan	W241054074421001	PRATAPGARH	PRATAPGARH	Barawarda	74.703	24.182	7.32	1030	0	317.2	156	45	2.4	0.00	260	64	24	126	0.8	1.62	670	259.84	3.4	51.22
550	Rajasthan	W242310074420001	PRATAPGARH	CHHOTI SADRI	Choti Sadri	74.7	24.386	7.64	808	0	292.8	49.6	30	109.0	0.00	310	68	34	56	1.5	1.17	525	240.16	1.38	28.08
551	Rajasthan	W240533074284701	PRATAPGARH	DHARIAWAD	Jawahar Nagar	74.48	24.093	7.88	410	0	195.2	21.3	14	16.0	0.00	170	36	19	24	0.3	1.50	267	159.84	0.81	23.67
552	Rajasthan	W235038074381601	PRATAPGARH	PEEPALKHOONT	Lamba Dabra	74.638	23.844	7.83	560	0	134.2	92.2	26	1.0	0.00	30	8	2.4	115	1	4.75	364	109.84	9.13	88.89
553	Rajasthan	W234630074513001	PRATAPGARH	ARNOD	Moheda	74.858	23.775	7.54	1550	0	378.2	255	55	56.0	0.02	425	120	30	160	3	0.97	1008	309.84	3.38	44.8
554	Rajasthan	W240127074523101	PRATAPGARH	PRATAPGARH	Mokhampura	74.875	24.024	7.7	740	0	256.2	63.8	13	75.0	0.50	290	62	33	40	0.9	1.10	481	209.84	1.02	23.01
555	Rajasthan	W234745074340001	PRATAPGARH	PEEPALKHOONT	Peepalkhoont	74.567	23.796	7.77	680	0	268.4	24.8	7	105.0	0.00	275	76	21	34	0.6	0.45	442	219.67	0.89	21.14
556	Rajasthan	W235453074422601	PRATAPGARH	PEEPALKHOONT	Suhagpura	74.707	23.915	7.78	1470	0	231.8	301	108	9.0	0.02	330	102	18	185	5.9	1.42	956	190.16	4.44	54.38
557	Rajasthan	W253000073501901	RAJSAMAND	BHIM	BAGHANA	73.839	25.5	6.91	1450	0	268.4	248	93	100.0	0.01	580	160	44	74	8	0.77	943	219.67	1.33	21.43
558	Rajasthan	W255000074050001	RAJSAMAND	BHIM	BALI1	74.083	25.833	7.71	800	0	305	78	52	44.0	0.00	280	64	29	74	11	1.72	520	250	1.92	35.37
559	Rajasthan	W254000074010001	RAJSAMAND	BHIM	BARAR	74.017	25.667	7.6	1280	0	341.6	163	52	115.0	0.20	530	140	44	50	16	0.42	832	280.33	0.94	16.51
560	Rajasthan	W254400074050001	RAJSAMAND	BHIM	BHIM1	74.083	25.733	7.63	2940	0	305	645	284	130.0	0.00	770	168	85	355	17	0.67	1911	250	5.57	49.37
561	Rajasthan	W251429073572201	RAJSAMAND	AMET	CHATTARPUR	73.956	25.241	7.87	4090	0	463.6	964	526	6.7	0.03	850	108	141	660	9.7	0.80	2659	380.33	9.85	62.47
562	Rajasthan	W252515073492001	RAJSAMAND	BHIM	DEWAIR	73.822	25.421	8	900	0	451.4	42.5	33	2.5	0.13	280	44	41	83	7.4	0.97	585	369.67	2.16	38.41
563	Rajasthan	W250219073340001	RAJSAMAND	KUMBHALGARH	DOWAS	73.567	25.039	7.97	760	0	366	49.6	17	3.8	0.00	230	44	29	70	8.2	0.50	494	300	2.01	38.77
564	Rajasthan	W250730073420001	RAJSAMAND	KUMBHALGARH	Gajpur	73.7	25.125	7.86	1313	0	390.4	206	26	31.0	0.06	200	68	7.3	210	8	1.37	853	319.67	6.46	68.48
565	Rajasthan	W245414074060001	RAJSAMAND	RAILMAGRA	GAVARDI	74.1	24.904	7.86	3890	0	524.6	723	306	316.0	0.05	770	88	134	575	8	2.10	2529	430.33	9.01	61.58
566	Rajasthan	W254700074110001	RAJSAMAND	BHIM	GHATA	74.183	25.783	7.84	2370	0	317.2	482	240	5.4	0.00	500	96	63	310	20	1.42	1541	309.84	2.77	38.04
567	Rajasthan	W251400073530001	RAJSAMAND	AMET	GUGLI	73.883	25.233	7.77	800	0	317.2	70.9	52	17.5	0.02	290	64	32	63	3.5	0.72	520	259.84	6.03	56.17
568	Rajasthan	W250600073360001	RAJSAMAND	KUMBHALGARH	KALWANA	73.6	25.1	7.87	1190	0	439.2	149	34.5	5.8	0.04	290	52	39	146	5	0.77	774	259.84	1.61	31.76
569	Rajasthan	W245736073330001	RAJSAMAND	KUMBHALGARH	KANCHOLI	73.55	24.96	7.62	1550	0	463.6	177	86	140.0	0.10	530	116	58	108	54	0.15	1008	359.84	3.73	51.72
570	Rajasthan	W250600073364801	RAJSAMAND	KUMBHALGARH	KELWARA	73.613	25.1	8.03	670	0	256.2	63.8	40	5.1	0.00	210	32	32	54	17	0.69	436	380.33	2.04	28.17
571	Rajasthan	W245500073440001	RAJSAMAND	KHAMNOR	KHAMNOR1	73.733	24.917	7.8	860	0	353.8	70.9	3	40.0	0.13	290	52	39	62	4.5	1.42	539	209.8		

Chemical analysis results of samples collected during NHS monitoring 2019

S. No.	State	Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS/cm at 25 °C	CO3	HCO3	Cl	SO4	NO3	PO4	TH	Ca	Mg	Na	K	F	TDS	ALKALINITY	SAR	Na (%)
586	Rajasthan	W255345076292001	SAWAI MADHOPUR	KHANDAR	CHANN	76.489	25.896	7.9	1810	0	727	157	30	75.0	0.09	200	44	22	330	1.2	2.10	1177	290.16	8.06	70.84
587	Rajasthan	W262900076440001	SAWAI MADHOPUR	GANGAPUR	GANGAPUR2	76.733	26.483	7.52	3000	0	305	326	720	62.0	0.00	900	100	158	279	7.2	0.86	1950	966.39	16.2	74.66
588	Rajasthan	W260120076354001	SAWAI MADHOPUR	KHANDAR	KHANDAR1	76.594	26.022	7.95	1200	0	244	140	230	3.0	0.00	600	84	95	20	1.7	0.40	780	209.84	3.97	45.01
589	Rajasthan	W261820076225001	SAWAI MADHOPUR	BONLI	MALARNACHOR	76.381	26.306	8.18	2400	0	366	276	523	34.0	0.01	340	40	58	427	0.9	1.20	1560	240.16	10.47	77.68
590	Rajasthan	W261945076293001	SAWAI MADHOPUR	BAMANWAS	MORAL TIWARA	76.492	26.329	7.58	1600	0	354	128	264	69.0	0.00	200	36	27	262	27	0.74	1040	597.38	12.84	85.01
591	Rajasthan	W263015076331001	SAWAI MADHOPUR	BAMANWAS	PIPLAI	76.553	26.504	7.56	2100	0	256	312	352	29.0	0.01	560	76	90	216	11	0.44	1365	1066.89	19.84	85.04
592	Rajasthan	W260100076273001	SAWAI MADHOPUR	SAWAI MADHOPUR	RANTHAMBOR	76.458	26.017	8.12	1900	0	293	177	464	24.0	0.01	220	24	39	357	2.4	1.07	1235	430.33	0.85	17.11
593	Rajasthan	W263130076501301	SAWAI MADHOPUR	GANGAPUR	SEWA	76.837	26.525	7.9	1000	0	525	21	37	7.3	0.01	420	40	78	40	1.1	0.36	650	595.9	10.15	78.08
594	Rajasthan	W274454075525401	SIKAR	NEEM KA THANA	Barala	75.882	27.748	8.2	1415	0	400	223	109	8.0	0.05	490	139	35	125	5.4	1.20	920	327.87	2.46	35.36
595	Rajasthan	W274800075590001	SIKAR	PATAN	PATAN	75.983	27.8	8.14	5360	0	425	1364	375	145.0	0.21	1505	380	135	585	8	1.10	3484	348.36	6.56	45.64
596	Rajasthan	W245720072533001	SIROHI	SHEOGANJ	AMBESHWARJI	72.892	24.956	8.04	480	0	110	43	82	7.8	0.01	200	48	19	20	1.8	1.08	312	359.84	1.15	13.08
597	Rajasthan	W245943072430001	SIROHI	SIROHI	BARLOT	72.717	24.995	7.9	3600	0	342	581	676	13.0	0.00	1380	200	214	199	8.6	2.35	2340	250	3.92	52.86
598	Rajasthan	W244030072403001	SIROHI	REODAR	GULABGANJ	72.675	24.675	8.01	1920	0	439	347	117	25.0	0.00	370	64	51	287	6.5	2.21	1248	219.67	1.12	12.34
599	Rajasthan	W243820072293001	SIROHI	REODAR	JIRAWAL	72.492	24.639	7.87	2650	0	220	539	357	91.0	0.00	1200	200	170	84	2.9	0.63	1723	200	0.5	11.08
600	Rajasthan	W245530072411501	SIROHI	SIROHI	KALANDRI	72.688	24.925	7.5	2580	0	610	355	240	62.0	0.00	740	104	117	258	5.9	1.86	1677	390.16	4.29	32.29
601	Rajasthan	W243016072453301	SIROHI	ABU ROAD	Manpur2	72.759	24.504	8.2	1860	0	476	255	178	18.0	0.02	410	48	70	248	3.8	0.51	1209	259.84	4.84	52.34
602	Rajasthan	W242900072410001	SIROHI	ABU ROAD	Mungthalla	72.683	24.483	8.1	1970	0	317	404	122	67.0	0.00	480	92	61	244	2.6	0.67	1281	309.84	1.5	24.99
603	Rajasthan	W250050072554001	SIROHI	SHEOGANJ	Palri1	72.928	25.014	7.69	1300	0	378	113	144	60.0	0.01	500	76	75	77	2.2	0.76	845	280.33	2.33	23.73
604	Rajasthan	W250505072580001	SIROHI	SHEOGANJ	Posaliya	72.967	25.085	7.82	890	0	244	43	148	38.0	0.00	400	52	66	23	1.1	0.88	579	90.16	0.62	17.7
605	Rajasthan	W243930072561001	SIROHI	PINDWARA	SARUPGANJ	72.936	24.658	8.08	3200	0	268	539	578	43.0	0.05	1280	272	146	92	111	1.32	2080	500	4.13	42.88
606	Rajasthan	W245300072520001	SIROHI	SIROHI	SIROHI	72.867	24.883	7.4	980	0	281	92	112	26.0	0.03	240	44	32	117	6.4	0.62	637	230.33	3.29	50.63
607	Rajasthan	W242500072460002	SIROHI	ABU ROAD	SIYANA	72.767	24.417	8.09	5800	0	476	1240	638	162.0	0.00	1950	280	304	436	30	0.04	3770	390.16	5.33	56.52
608	Rajasthan	W245029072591501	SIROHI	PINDWARA	VIRWARA	72.988	24.841	7.77	1250	0	305	199	92	16.0	0.07	300	72	29	156	2.1	0.34	813	180.33	1.03	13.18
609	Rajasthan	W255800076044201	TONK	UNIARA	ALIGARH	76.078	25.967	8.44	2565	96	439	142	580	9.2	0.95	580	108	75	346	1.5	0.38	1667	519.84	6.25	56.39
610	Rajasthan	W260330075483001	TONK	TONK	ARNIVALMAL	75.808	26.058	8.12	900	0	378	57	58	4.3	0.08	150	32	17	138	4.4	0.18	565	309.84	4.9	65.85
611	Rajasthan	W255300075340001	TONK	DEOLI	BANTHOLI	75.567	25.883	7.12	3980	0	464	560	732	141.0	0.00	960	112	165	479	3.6	0.22	2587	380.33	6.72	50.87
612	Rajasthan	W261418075111501	TONK	MALPURA	DEWALI	75.188	26.238	7.96	2790	0	488	340	497	12.0	0.02	940	104	165	217	1.3	0.87	1814	419.67	19.24	57.66
613	Rajasthan	W255830075575801	TONK	UNIARA	DIKOLUYA	75.966	25.975	8.51	1780	108	415	121	168	19.0	0.08	340	40	58	251	2.9	1.77	1157	400	3.08	33.39
614	Rajasthan	W262431075295101	TONK	MALPURA	JAISINGHPUR	75.498	26.409	7.85	2240	0	427	397	211	48.0	0.05	380	52	61	351	2.2	0.35	1456	520.16	5.92	61.37
615	Rajasthan	W25955075410001	TONK	TONK	MAHUVA	75.683	25.999	8.15	3280	0	476	425	605	72.0	0.01	640	100	95	479	2.5	0.91	2132	350	7.83	65.16
616	Rajasthan	W261700075230001	TONK	MALPURA	MALPURA1	75.383	26.283	8.18	2518	0	464	383	336	21.0	0.03	500	48	92	364	2.8	1.18	1637	390.16	8.24	61.83
617	Rajasthan	W260639075433001	TONK	TONK	MANDIAWAS	75.725	26.111	8.14	1500	0	464	113	185	18.0	0.01	440	60	70	143	1.5	1.40	975	380.33	7.08	61.12
618	Rajasthan	W260227075532001	TONK	UNIARA	NAYAGAON	75.889	26.041	8.18	1160	0	323	64	218	41.0	0.03	250	40	36	168	1.7	0.05	754	380.33	2.97	41.31
619	Rajasthan	W262200075560001	TONK	NIWAI	NIWAI1	75.933	26.367	7.68	6450	0	390	1077	1328	49.0	0.04	2000	360	267	580	3.3	0.71	4193	264.75	4.62	59.17
620	Rajasthan	W255150075165001	TONK	DEOLI	RAMTHALA	75.281	25.864	8.19	1700	0	73	184	484	62.0	0.09	550	80	85	96	9.2	0.22	1105	259.84	11.23	75.03
621	Rajasthan	W261430075510001	TONK	TONK	SOHELA	75.85	26.242	7.57	10770	0	512	1928	1528	802.0	0.01	1040	208	126	1426	968	0.24	7001	319.67	5.74	38.63
622	Rajasthan	W260121075292001	TONK	TODARAISINGH	TODARAISINGH1	75.489	26.023	8.21	2670	0	317	248	712	6.4	0.00	330	56	46	469	7.4	0.12	1736	59.84	1.78	23.82
623	Rajasthan	W241505074250001	UDAIPUR	DHARIAWAD	ARAMPUR	74.417	24.251	7.44	660	0	341.6	28.4	22	1.2	0.02	240	64	19	48	0.7	0.12	429	280.33	1.35	30.43
624	Rajasthan	W243700074004601	UDAIPUR	BHINDAR	BHATEWAR	74.013	24.617	7.86	680	0	317.2	49.6	28	0.4	0.01	190	32	27	72	1.2	0.35	442	259.84	2.27	43.27
625	Rajasthan	W243023074100101	UDAIPUR	BHINDAR	BHINDER	74.167	24.506	7.84	1600	0	585.6	170	55	65.0	0.60	380	96	34	165	7.3	0.42	1040	480.33	3.68	43.12
626	Rajasthan	W24900073210001	UDAIPUR	PHALASIYA	Garanwas	73.35	24.15	7.81	820	0	329.4	63.8	52	1.6	0.02	210	44	24	96	0.8	0.98	533	269.67	2.89	49.91
627	Rajasthan	W241821073231601	UDAIPUR	PHALASIYA	Ghori Mari	73.388	24.306	7.68	1767	0	341.6	319	104	50.0	0.02	520	104	63	155	19	0.43	1149	280.33	2.96	38.25
628	Rajasthan	W242013074010701	UDAIPUR	SALUMBAR	GUREL	74.019	24.337	8.07	700	0	292.8	56.7	40	5.8	0.00	210	40	27	72	2	0.62	455	240.16	2.16	42.32
629	Rajasthan	W240021073573201	UDAIPUR	SALUMBAR	INTALIKHARA	73.959	24.006	7.82	1090	0	439.2	121	30	33.0	0.03	300	48	44	130	10	2.37	709	359.84	3.26	47.48
630	Rajasthan	W244800073280601	UDAIPUR	GOGUNDA	JASWANTGARH	73.468	24.8	7.68	1100	0	317.2	170	10	53.0	0.08	380	80	44	76	8.2	0.65	715	259.84	1.7	29.74
631	Rajasthan	W240005073453001	UDAIPUR	RISHABHDEV	KALAYANPURA	73.758	24.001	7.98	1500	0	573.4	135	47	65.0	0.03	340	52	51	135	10.2	0.78	975	469.67	3.18	38.43
632	Rajasthan	W242600074160001	UDAIPUR	BHINDAR	KANOD	74.267	24.433	7.86	2200	0	549	206	142	275.0	0.03	560	52	105	250	6.8	0.25	1430	450	4.6	48.88
633	Rajasthan	W243412073463501	UDAIPUR	GIRWA	KANPUR	73.776	24.57	7.7	1740	0	402.6	305	80	32.0	0.01	500	92	66	160	18	0.60	1131	330.33	3.11	39.93
634	Rajasthan	W245324073341201	UDAIPUR	SAYRA	KATHAR1	73.57	24.89	7.89	1280	0	475.8	142	51	1.0	0.01	380	56	58	120	5.2	0.82	832	390.16	2.68	40.3
635	Rajasthan	W243447074033301	UDAIPUR	BHINDAR	KHERODA	74.059	24.58	7.88	1050	0	463.6	42.5	8	110.0	0.00	370	48	61	76	3.4	0.50	683	380.33	1.72	30.63
636	Rajasthan	W235900073360401	UDAIPUR	KHERWARA	KHERWARA	73.601	23.983	7.87	1460	0	4														

Appendix IV

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
1	Ajmer	Arain	Arian	75.067	26.450	22.084
2	Ajmer	Arain	Barora	75.040	26.210	1.100
3	Ajmer	Arain	Dasuk	75.100	26.350	2.430
4	Ajmer	Bhinay	Goelo	74.928	26.129	15.019
5	Ajmer	Bhinay	Jhopadiyan	74.658	26.025	25.424
6	Ajmer	Jawaja	Jawaja1	74.200	25.933	6.737
7	Ajmer	Jawaja	Narbadkhera	74.280	26.050	8.357
8	Ajmer	Jawaja	Baglias	74.200	25.910	9.776
9	Ajmer	Jawaja	Taragarh	74.150	25.880	5.024
10	Ajmer	Jawaja	Pakhriawas	74.400	26.090	11.861
11	Ajmer	Jawaja	Maidayabadaya	74.370	26.120	6.283
12	Ajmer	Kekri	Kekri1	75.150	25.983	5.577
13	Ajmer	Kekri	Bogla	75.230	25.890	1.177
14	Ajmer	Kekri	Nai Khera	75.180	25.940	33.490
15	Ajmer	Masooda	Ludiyana	74.580	26.000	20.112
16	Ajmer	Masuda	Masuda1	74.513	26.092	2.041
17	Ajmer	Peesangan	Nasirabad	74.740	26.290	4.709
18	Ajmer	Peesangan	Tabiji	74.620	26.360	33.125
19	Ajmer	Peesangan	Lamana	74.490	26.230	1.279
20	Ajmer	Sarwar	Sanpla	75.040	25.910	5.967
21	Ajmer	Sarwar	Ajagara	75.100	26.030	1.910
22	Ajmer	Sarwar	Sarwad	75.000	26.050	1.665
23	Ajmer	Srinagar	Ramsar2	74.860	26.270	16.767
24	Ajmer	Srinagar	Kanpura1	74.867	26.400	63.418
25	Alwar	Bansur	Bansur	76.356	27.692	14.203
26	Alwar	Behror	Behror	76.283	27.883	3.207
27	Alwar	Kishangarh Bas	Kishangarh Bas1	76.733	27.820	6.282
28	Alwar	Laxmangarh	Lachmangarh	76.860	27.350	23.995
29	Alwar	Neemrana	Neemrana	76.388	27.999	8.118
30	Alwar	Rajgarh	Tehla	76.400	27.238	1.366
31	Alwar	Rajgarh	Todi Ka Bas	76.330	27.120	8.471
32	Alwar	Ramgarh	Ramgarh1	76.814	27.594	34.934
33	Alwar	Reni	Gadi Swairam	76.792	27.208	3.967
34	Alwar	Thanagazi	Ghata Mordi	76.258	27.225	4.369
35	Alwar	Thanagazi	Kalighati Sariska	76.410	27.310	5.455
36	Alwar	Tijara	Nimli	76.933	27.833	6.145
37	Alwar	Umrain	Baran1	76.525	27.442	0.303
38	Banswara	Arthoona	Arthuna	74.100	23.496	2.153
39	Banswara	Bagidora	Bagidora	74.267	23.404	4.087
40	Banswara	Bagidora	Rakho	74.280	23.370	7.481
41	Banswara	Bagidora	Barodiya	74.350	23.420	1.084
42	Banswara	Banswara	Banswara1	74.450	23.533	3.292
43	Banswara	Banswara	Surwania	74.370	23.440	2.276
44	Banswara	Banswara	Padla Barora	74.520	23.540	4.517
45	Banswara	Banswara	Khera Dahar	74.510	23.620	0.214

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
46	Banswara	Chhotisarvan	Bagtalav	74.686	23.550	0.030
47	Banswara	Choti Sarwan	Danakshari	74.600	23.560	0.092
48	Banswara	Choti Sarwan	Katumbi	74.620	23.540	0.248
49	Banswara	Choti Sarwan	Danpur	74.720	23.520	0.459
50	Banswara	Garhi	Garhi Partapura	74.175	23.590	8.935
51	Banswara	Garhi	Raiyana	74.170	23.510	3.082
52	Banswara	Garhi	Chibra Talai	74.250	23.570	3.563
53	Banswara	Ghatol	Senwasa	74.390	23.656	1.516
54	Banswara	Ghatol	Chandu Ji Ka Guda	74.330	23.670	1.198
55	Banswara	Ghatol	Ganora	74.250	23.770	2.467
56	Banswara	Ghatol	Bhoongra	74.510	23.670	0.577
57	Banswara	Ghatol	Sadri	74.480	23.780	1.205
58	Banswara	Ghatol	Dungaria	74.460	23.860	1.955
59	Banswara	Ghatol	Narwali	74.440	23.890	1.896
60	Banswara	Kushalgarh	Kusalgarh	74.450	23.200	0.900
61	Banswara	Kushalgarh	Saran	74.430	23.260	1.415
62	Banswara	Kushalgarh	Charakni	74.380	23.310	1.412
63	Banswara	Sajjanganh	Bhura Kua	74.310	23.225	1.960
64	Banswara	Sajjanganh	Chota Dunga	74.290	23.170	34.046
65	Banswara	Sajjanganh	Bilari	74.360	23.330	0.158
66	Banswara	Talwara	Chiriyawasa	74.378	23.509	14.595
67	Baran	Antah	Anta1	76.300	25.158	5.984
68	Baran	Antah	Bohat	76.500	25.250	4.046
69	Baran	Antah	Mangrol	76.510	25.330	0.199
70	Baran	Antah	Udpuria	76.330	25.300	4.414
71	Baran	Atru	Atru1	76.661	24.858	4.696
72	Baran	Atru	Kanwai	76.740	24.750	4.098
73	Baran	Baran	Baran	76.520	25.100	16.480
74	Baran	Baran	Bamla	76.480	24.990	1.403
75	Baran	Chhipabarod	Chhipa Barod	76.732	24.594	3.282
76	Baran	Chhipabarod	Harnauda	76.700	24.440	2.273
77	Baran	Chhipabarod	Sarthal	76.600	24.480	4.374
78	Baran	Kishanganj	Kishanganj1	76.650	25.108	3.198
79	Baran	Kishanganj	Bhanwargarh	76.790	25.090	3.481
80	Baran	Shahbad	Shahabad1	77.133	25.250	3.038
81	Baran	Shahbad	Kasba Thana	77.360	25.210	1.296
82	Baran	Shahbad	Kelwara1	76.900	25.130	1.860
83	Baran	Shahbad	Mamoni	77.110	25.190	0.807
84	Baran	Shahbad	Pajal Tori	77.260	25.260	0.758
85	Barmer	Baetu	Jhak Pz	71.575	26.161	2.707
86	Barmer	Baetu	Panavada	71.757	25.994	33.541
87	Barmer	Balotra	Balotra	72.206	25.838	5.396
88	Barmer	Barmer	Jasai	71.211	25.683	2.845
89	Barmer	Barmer	Nimri (Radewa)	71.280	25.600	5.659
90	Barmer	Barmer	Patrasar	71.220	25.680	2.809
91	Barmer	Barmer	Jasai	71.210	25.680	3.124

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
92	Barmer	Barmer	Nand	71.150	25.970	9.973
93	Barmer	Barmer	Bisala	71.240	25.890	9.278
94	Barmer	Barmer	Sansiyan	71.410	25.700	14.028
95	Barmer	Barmer	Hathitala	71.400	25.550	24.962
96	Barmer	Barmer	Sanawara	71.400	25.480	6.169
97	Barmer	Chohtan	Siyaga Tala	70.870	25.340	8.402
98	Barmer	Chohtan	Sanlor	71.230	25.590	3.391
99	Barmer	Chohtan	Sihani	71.230	25.590	4.610
100	Barmer	Dhorimanna	Padmaniyan Ka Tala	71.400	25.346	2.522
101	Barmer	Dhorimanna	Piparli Gaon	71.589	25.122	13.479
102	Barmer	Gadraroad	Gadra Road	70.640	25.740	16.885
103	Barmer	Gadraroad	Jansingh Ki Beri	70.830	26.020	3.916
104	Barmer	Gadraroad	Redana	70.990	25.850	3.273
105	Barmer	Gadraroad	Balewa	70.880	25.920	15.152
106	Barmer	Gira	Santara	71.970	26.000	9.210
107	Barmer	Kalyanpur	Kuri	72.350	25.940	0.655
108	Barmer	Kalyanpur	Thoombli	72.490	26.200	23.461
109	Barmer	Ramsar	Derasar	71.160	25.780	3.813
110	Barmer	Ramsar	Sutharon Ki Dhani	71.040	25.810	7.819
111	Barmer	Sheo	Gadra Road	70.639	25.740	13.623
112	Barmer	Sindhari	Arniyali	71.968	25.467	34.449
113	Chittaurgarh	Bhainsrorgarh	Rawatbhatta	75.592	24.933	0.640
114	Bharatpur	Bayana	Bhagori_Dw	77.251	26.972	3.325
115	Bharatpur	Bayana	Bandh Baretta	77.380	26.900	1.150
116	Bharatpur	Bayana	Bawari Baroda	77.390	26.960	2.118
117	Bharatpur	Bayana	Kot1	77.430	26.800	1.810
118	Bharatpur	Deeg	Deeg1	77.333	27.467	8.958
119	Bharatpur	Deeg	Mandhera	77.350	27.400	9.363
120	Bharatpur	Deeg	Sihora	77.300	27.570	4.401
121	Bharatpur	Kaman	Indroli	77.283	27.610	26.846
122	Bharatpur	Kaman	Jurahra	77.230	27.780	25.233
123	Bharatpur	Kumher	Kumher	77.383	27.317	9.333
124	Bharatpur	Nagar	Nagar	77.100	27.417	22.192
125	Bharatpur	Pahari	Pahari	77.083	27.700	17.084
126	Bharatpur	Pahari	Gopalgarh	77.060	27.650	10.639
127	Bharatpur	Rupbas	Khanua	77.550	27.033	14.638
128	Bharatpur	Rupbas	Dahinagaon	77.490	27.000	3.544
129	Bharatpur	Rupbas	Khan Surjapur	77.640	26.980	12.463
130	Bharatpur	Sewar	Bharatpur1	77.500	27.217	1.215
131	Bharatpur	Sewar	Chiksana	77.670	27.180	9.225
132	Bharatpur	Sewar	Ludhawai_Gwd	77.400	27.180	20.012
133	Bhilwara	Asind	Barasni	74.467	25.758	15.165
134	Bhilwara	Asind	Badnor	74.280	25.830	6.146
135	Bhilwara	Asind	Daulatgarh	74.320	25.630	3.603
136	Bhilwara	Asind	Tiloli	74.310	25.600	4.906
137	Bhilwara	Asind	Jeewaliya	74.510	25.540	19.673

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
138	Bhilwara	Banera	Raila Road	74.600	25.633	5.735
139	Bhilwara	Banera	Baneramataji	74.670	25.490	1.049
140	Bhilwara	Bijoliyan	Bijolia	75.323	25.170	0.576
141	Bhilwara	Bijoliyan	Salawatia	75.260	25.110	0.321
142	Bhilwara	Hurda	Gageda	74.550	25.867	11.889
143	Bhilwara	Hurda	Gulabpura	74.670	25.900	46.991
144	Bhilwara	Jahazpur	Jahajpur	75.275	25.621	27.568
145	Bhilwara	Jahazpur	Bhopalpura1	75.120	25.640	26.620
146	Bhilwara	Jahazpur	Borani	75.330	25.680	22.873
147	Bhilwara	Jahazpur	Amarwasi	75.350	25.700	29.069
148	Bhilwara	Kotri	Kotari	74.892	25.397	8.339
149	Bhilwara	Kotri	Paroli	75.090	25.520	7.601
150	Bhilwara	Kotri	Bhagwanpura	75.060	25.470	7.429
151	Bhilwara	Kotri	Sawaiपुर	74.870	25.310	10.720
152	Bhilwara	Mandal	Dahimatha	74.301	25.528	25.105
153	Bhilwara	Mandalgarh	Bigod	75.030	25.244	7.597
154	Bhilwara	Mandalgarh	Mandalgarh1	75.090	25.180	64.845
155	Bhilwara	Mandalgarh	Ladpura	75.120	25.150	1.930
156	Bhilwara	Raipur	Raipur	74.161	25.404	6.599
157	Bhilwara	Raipur	Nangpura	74.190	25.450	5.576
158	Bhilwara	Raipur	Pitakhera	74.110	25.390	11.663
159	Bhilwara	Raipur	Devaria	74.160	25.280	14.196
160	Bhilwara	Sahara	Gangapur1	74.260	25.217	5.608
161	Bhilwara	Sahara	Galodiya	74.290	25.200	20.904
162	Bhilwara	Shahpura	Sopura	74.900	25.604	7.200
163	Bhilwara	Shahpura	Taswaria Khurd	74.800	25.560	4.345
164	Bhilwara	Shahpura	Kanchan-Kala	74.910	25.760	0.513
165	Bhilwara	Suwana	Suwana1	74.700	25.350	14.499
166	Bhilwara	Suwana	Karoi Kalan	74.430	25.220	22.270
167	Bhilwara	Suwana	Kodukota	74.780	25.370	3.363
168	Bhilwara	Suwana	Mandapia Rs	74.640	25.270	1.517
169	Bhilwara	Suwana	Hamirgarh	74.630	25.180	11.779
170	Bikaner	Bikaner	Khara1	73.391	28.196	6.251
171	Bikaner	Bikaner	Lakhusar	73.190	28.320	7.968
172	Bikaner	Bikaner	Napasar	73.560	27.960	6.957
173	Bikaner	Dungargarh	Dungargarh	74.008	28.083	3.034
174	Bikaner	Dungargarh	Lakhasar2	73.870	28.100	6.995
175	Bikaner	Dungargarh	Lodera	73.950	28.280	22.735
176	Bikaner	Khajuwala	Chhatargarh	73.133	28.667	34.351
177	Bikaner	Khajuwala	Sattasar	73.190	28.590	1.888
178	Bikaner	Kolayat	Kolayat	72.954	27.842	6.375
179	Bikaner	Kolayat	Bajju	72.510	27.930	1.905
180	Bikaner	Kolayat	Bithnok	72.730	27.870	0.988
181	Bikaner	Kolayat	Godu	72.300	27.990	2.480
182	Bikaner	Kolayat	Mankasar	72.490	28.040	7.300
183	Bikaner	Kolayat	Modayat	72.420	27.970	0.032

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
184	Bikaner	Kolayat	Nokhra	72.650	27.640	2.226
185	Bikaner	Kolayat	Ranjitpura	72.130	28.030	1.883
186	Bikaner	Lunkaransar	Lunkaransar1	73.750	28.492	6.782
187	Bikaner	Lunkaransar	Arjansar	73.880	28.930	41.853
188	Bikaner	Lunkaransar	Baderan	73.760	28.700	1.808
189	Bikaner	Lunkaransar	Binjawari Dw	73.460	28.460	0.947
190	Bikaner	Lunkaransar	Dhirera	73.570	28.440	1.541
191	Bikaner	Lunkaransar	Hariasar	73.810	28.580	1.760
192	Bikaner	Lunkaransar	Kaloo	73.870	28.370	35.876
193	Bikaner	Lunkaransar	Kasturia	73.490	28.330	1.838
194	Bikaner	Lunkaransar	Kharbaro	73.410	28.930	6.092
195	Bikaner	Lunkaransar	Khirera	73.560	28.480	1.827
196	Bikaner	Lunkaransar	Lakhansar_Dw	73.350	28.870	2.909
197	Bikaner	Lunkaransar	Mahajan	73.830	28.780	2.516
198	Bikaner	Lunkaransar	Malkisar	73.920	28.670	1.519
199	Bikaner	Lunkaransar	Manaria	73.770	28.760	27.782
200	Bikaner	Lunkaransar	Raner	73.290	28.880	1.784
201	Bundi	Bundi	Ramnagar (Jatan)	75.558	25.400	16.678
202	Bundi	Bundi	Delunda	75.870	25.470	8.875
203	Bundi	Bundi	Rajwas	75.790	25.490	0.900
204	Bundi	Hindoli	Satur	75.515	25.437	1.550
205	Bundi	Keshorai Patan	Keshoraipatan	75.931	25.319	1.419
206	Bundi	Keshorai Patan	Dahi Khera	76.170	25.520	6.309
207	Bundi	Keshorai Patan	Gaindoli	76.000	25.540	5.486
208	Bundi	Keshorai Patan	Kapren	76.070	25.390	2.438
209	Bundi	Keshorai Patan	Lakheri	76.180	25.670	8.299
210	Bundi	Keshorai Patan	Maija	75.890	25.410	10.905
211	Bundi	Nainwa	Motipura	75.947	25.570	0.008
212	Bundi	Talera	Ballop	75.750	25.267	57.500
213	Chittaurgarh	Bari Sadari	Kalakheth	74.520	24.280	2.727
214	Chittaurgarh	Bari Sadri	Mahuda	74.354	24.357	12.566
215	Chittaurgarh	Begun	Parsoli	74.888	25.136	1.105
216	Chittaurgarh	Begun	Menal	75.170	25.080	1.910
217	Chittaurgarh	Bhadesar	Bansen	74.450	24.727	4.511
218	Chittaurgarh	Bhadesar	Napania	74.350	24.680	9.659
219	Chittaurgarh	Bhainsrorgarh	Rawatbhata	75.592	24.933	0.403
220	Chittaurgarh	Bhopalsagar	Akola	74.199	24.750	15.092
221	Chittaurgarh	Chittaurgarh	Manpura2	74.644	24.906	1.667
222	Chittaurgarh	Chittaurgarh	Nagari1	74.690	24.950	1.086
223	Chittaurgarh	Chittaurgarh	Purohitokasavat	74.520	24.940	46.621
224	Chittaurgarh	Gangrar	Gangrar1	74.633	25.050	6.726
225	Chittaurgarh	Gangrar	Kharkhanda	74.490	25.040	2.643
226	Chittaurgarh	Kapasan	Kapasan1	74.308	24.861	4.409
227	Chittaurgarh	Kapasan	Mungana	74.270	24.880	30.408
228	Chittaurgarh	Kapasan	Singhpur	74.460	24.930	1.535
229	Chittaurgarh	Rashmi	Rashmi1	74.363	25.067	13.149

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
230	Churu	Bidasar	Bidasar	74.283	27.839	4.592
231	Churu	Bidasar	Bamboo	74.120	27.730	2.249
232	Churu	Bidasar	Soniasar	74.020	27.770	32.355
233	Churu	Churu	Binasar	74.875	28.263	14.559
234	Churu	Churu	Rampura	74.860	28.470	1.749
235	Churu	Churu	Satda	74.800	28.220	10.918
236	Churu	Churu	Sirsala	75.130	28.430	1.552
237	Churu	Rajgarh	Rajgarh1	75.375	28.633	45.421
238	Churu	Rajgarh	Dadrewa	75.230	28.670	26.760
239	Churu	Rajgarh	Nangli	75.300	28.640	7.387
240	Churu	Ratangarh	Ratangarh2	74.617	28.022	14.577
241	Churu	Ratangarh	Bhojasar	74.540	27.970	33.294
242	Churu	Ratangarh	Biramsar1	74.790	28.040	9.296
243	Churu	Ratangarh	Loha	74.620	28.010	5.594
244	Churu	Ratangarh	Parihara	74.560	27.920	4.235
245	Churu	Ratangarh	Tidiyasar	74.750	28.070	4.692
246	Churu	Sardar Sahar	Sardarshahar	74.486	28.439	BDL*
247	Churu	Sardarshahar	Aspalsar	74.500	28.580	17.152
248	Churu	Sardarshahar	Hardesar	74.380	28.640	6.032
249	Churu	Sardarshahar	Sadasar	74.350	28.700	1.925
250	Churu	Sardarshahar	Bhojrasar Dw	74.460	28.510	2.094
251	Churu	Sardarshahar	Khundia	74.250	28.410	2.060
252	Churu	Sardarshahar	Mehrasar	74.540	28.360	13.379
253	Churu	Sardarshahar	Melusar	74.740	28.500	15.319
254	Churu	Sardarshahar	Mittasar	74.380	28.420	7.815
255	Churu	Sardarshahar	Somasar	74.070	28.390	2.160
256	Churu	Sujjanganh	Guleriya	74.419	27.738	8.396
257	Churu	Taranagar	Bhalautibba	75.027	28.760	22.714
258	Churu	Taranagar	Dhirawas	74.910	28.840	3.802
259	Churu	Taranagar	Shawa	74.840	28.880	10.354
260	Dausa	Dausa	Dausa1	76.326	26.898	18.937
261	Dausa	Dausa	Bapi	76.290	26.980	17.669
262	Dausa	Dausa	Jasuta	76.330	26.970	36.131
263	Dausa	Lalsot	Lakhanpur	76.256	26.520	13.841
264	Dausa	Mahua	Mahuwa	76.927	27.049	9.377
265	Dausa	Mahwa	Higetawari Dhani	77.030	26.900	8.932
266	Dausa	Mahwa	Nahara	76.930	27.040	2.762
267	Dhaulpur	Bari	Bari1	77.611	26.645	6.008
268	Dhaulpur	Bari	Gajpura	77.690	26.580	1.236
269	Dhaulpur	Baseri	Angai	77.473	26.605	1.774
270	Dhaulpur	Baseri	Nakatpura	77.390	26.520	0.194
271	Dhaulpur	Dhaulpur	Dhaulpur	77.892	26.700	9.289
272	Dhaulpur	Dhaulpur	Aathmeel	77.800	26.650	4.487
273	Dhaulpur	Dhaulpur	Mangraul	77.960	26.820	6.874
274	Dhaulpur	Rajakhera	Sawaliapura	78.092	26.847	14.672
275	Dhaulpur	Saipu	Saipau	77.746	26.822	10.449

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
276	Dhaulpur	Saipu	Kanthri	77.720	26.860	1.981
277	Dungaarpur	Aspur	Aspur1	74.079	23.958	0.546
278	Dungaarpur	Bichhiwara	Beechiwara	73.500	23.783	0.915
279	Dungaarpur	Dungarpur	Dungarpur1	73.721	23.833	0.936
280	Dungaarpur	Sagwara	Sagwara	74.028	23.750	2.097
281	Dungaarpur	Simalwara	Peeth	73.763	23.529	1.195
282	Dungarpur	Aspur	Baroda	74.070	23.910	0.754
283	Dungarpur	Aspur	Ramgarh 2	73.970	23.930	4.992
284	Dungarpur	Bichhiwara	Nayadera	73.680	23.830	2.658
285	Dungarpur	Bichhiwara	Bhuvneswar	73.510	23.820	1.995
286	Dungarpur	Bichhiwara	Ratanpur	73.450	23.760	0.873
287	Dungarpur	Cheekhli	Kua	73.913	23.467	1.026
288	Dungarpur	Dovra	Hathai	73.901	23.889	13.869
289	Dungarpur	Dungarpur	Manpur 2	73.780	23.850	1.674
290	Dungarpur	Dungarpur	Anteree	73.850	23.750	1.705
291	Dungarpur	Jhonthri	Gorada	73.724	23.692	3.354
292	Dungarpur	Sabla	Sabla	74.180	23.856	14.526
293	Dungarpur	Sagwara	Nayagaon 1	74.040	23.720	2.597
294	Dungarpur	Sagwara	Nandor	73.960	23.680	1.144
295	Dungarpur	Sagwara	Bhilura	74.080	23.620	9.807
296	Ganganagar	Anupgarh	Anupgarh1	73.219	29.191	6.320
297	Ganganagar	Anupgarh	Khal	73.370	29.080	7.561
298	Ganganagar	Anupgarh	Ramsinghpura	73.380	29.170	2.648
299	Ganganagar	Ganganagar	Chunawad	73.729	29.825	6.616
300	Ganganagar	Ganganagar	Tatarsar	73.730	29.810	30.092
301	Ganganagar	Gharsana	Rojari	73.067	28.800	10.045
302	Ganganagar	Karanpur	Karanpur1	73.450	29.817	6.507
303	Ganganagar	Karanpur	Rupanagar	73.450	29.800	33.503
304	Ganganagar	Padampur	Delwan	73.596	29.725	1.487
305	Ganganagar	Padampur	Binjbalia	73.770	29.630	10.941
306	Ganganagar	Padampur	Ganguwala	73.620	29.600	19.233
307	Ganganagar	Padampur	Narsinghpur	73.860	29.680	4.139
308	Ganganagar	Pilibanga	Sardarpura	74.170	29.280	9.016
309	Ganganagar	Raisingh Nagar	Raisinghnagar	73.450	29.542	15.589
310	Ganganagar	Raisinghnagar	Dabla	73.630	29.490	24.821
311	Ganganagar	Raisinghnagar	Gajsinghpura	73.450	29.630	24.404
312	Ganganagar	Raisinghnagar	Jagatsinghwala	73.620	29.510	24.820
313	Ganganagar	Raisinghnagar	Muklawa	73.580	29.520	13.880
314	Ganganagar	Sadul Shahr	Lalgarh Jatan	74.022	29.842	27.897
315	Ganganagar	Sadulshahr	Ganeshgarh	73.900	29.750	2.765
316	Ganganagar	Sadulshahr	Sunderpura_Dw	74.090	29.800	13.137
317	Ganganagar	Sadulshahr	Suranwali	73.920	29.700	1.716
318	Hanumangarh	Sangariya	Kheruwala	74.240	29.850	42.051
319	Ganganagar	Sri Vijaynagar	22gb Chak	73.592	29.264	14.359
320	Ganganagar	Sri Vijaynagar	Gomanwali	73.430	29.030	4.098
321	Ganganagar	Sri Vijaynagar	Jaitsar	73.630	29.350	8.389

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
322	Ganganagar	Suratgarh	Piperan	73.900	29.248	45.765
323	Ganganagar	Suratgarh	Bhopalpura	73.610	29.030	4.672
324	Ganganagar	Suratgarh	Birdhwal1	73.920	29.120	4.441
325	Ganganagar	Suratgarh	Birmanan	73.720	29.170	14.581
326	Ganganagar	Suratgarh	Harisinghpura	73.790	29.130	3.014
327	Ganganagar	Suratgarh	Lalgariya	73.720	29.100	3.962
328	Ganganagar	Suratgarh	Padampura	73.780	29.280	10.164
329	Ganganagar	Suratgarh	Pipasar	73.850	29.050	6.414
330	Ganganagar	Suratgarh	Rayanwali	73.950	29.180	14.480
331	Ganganagar	Suratgarh	Sangita	73.780	29.230	9.938
332	Hanumangarh	Bhadra	Dungrana	75.097	29.014	28.428
333	Hanumangarh	Bhadra	Chhani Bari	75.330	29.180	7.936
334	Hanumangarh	Bhadra	Malsisar	75.030	28.970	8.976
335	Hanumangarh	Bhadra	Munsari	75.030	29.100	5.619
336	Hanumangarh	Hanumangarh	Hanumangarh Rau	74.283	29.617	23.112
337	Hanumangarh	Hanumangarh	Chohlinyawali	74.270	29.380	2.950
338	Hanumangarh	Hanumangarh	Dholipal	74.270	29.760	27.276
339	Hanumangarh	Hanumangarh	Kohla	74.330	29.560	11.908
340	Hanumangarh	Hanumangarh	Pakkasarna	74.160	29.680	1.898
341	Hanumangarh	Hanumangarh	Satipura	74.320	29.630	12.843
342	Hanumangarh	Nohar	Nohar1	74.767	29.281	5.188
343	Hanumangarh	Nohar	Bhukarka	74.750	29.230	9.398
344	Hanumangarh	Nohar	Lakhasar2	74.730	29.030	2.160
345	Hanumangarh	Nohar	Ramsara1	74.830	29.250	26.944
346	Hanumangarh	Pilibanga	Lakhasar1	73.971	29.563	16.739
347	Hanumangarh	Pilibanga	Goluwala	74.060	29.630	1.857
348	Hanumangarh	Pilibanga	Panditawali	74.200	29.410	4.141
349	Hanumangarh	Pilibanga	Ramsara	73.940	29.400	7.044
350	Hanumangarh	Rawatsar	Rawatsar	74.414	29.253	12.119
351	Hanumangarh	Rawatsar	Biramsar	74.300	29.080	1.709
352	Hanumangarh	Rawatsar	Bisrasar	74.280	28.870	18.953
353	Hanumangarh	Rawatsar	Dhanasar	74.340	29.180	27.277
354	Hanumangarh	Rawatsar	Dudhal	74.130	28.910	10.755
355	Hanumangarh	Rawatsar	Gandehali	74.530	29.220	19.744
356	Hanumangarh	Rawatsar	Lakheran	74.290	28.980	2.676
357	Hanumangarh	Rawatsar	Pallu	74.200	28.920	15.132
358	Hanumangarh	Rawatsar	Purabsar	74.280	29.030	2.029
359	Hanumangarh	Sangaria	Ratanpura	74.450	29.850	18.449
360	Hanumangarh	Sangariya	Bolanwali	74.410	29.840	4.520
361	Hanumangarh	Tibi	Chandurwala	74.508	29.625	23.073
362	Hanumangarh	Tibi	Salewali	74.490	29.700	3.859
363	Jaipur	Amber	Amber	75.867	26.983	1.392
364	Jaipur	Chaksu	Chaksu	75.950	26.600	25.986
365	Jaipur	Chaksu	Shivdaspura	75.890	26.710	138.424
366	Jaipur	Chaksu	Thalli	75.860	26.610	27.586
367	Jaipur	Chaksu	Tootoli	75.800	26.630	43.144

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
368	Jaipur	Dudu	Naraina	75.188	26.793	23.465
369	Jaipur	Dudu	Nasnota	75.440	26.800	79.976
370	Jaipur	Dudu	Pallukhurd	75.330	26.740	2.510
371	Jaipur	Dudu	Sirohikhurd	75.150	26.790	5.470
372	Jaipur	Dudu	Mozmabad	75.360	26.680	50.940
373	Jaipur	Dudu	Mangarwara	75.280	26.610	2.362
374	Jaipur	Jamwa Ramgarh	Rasala	76.203	27.114	11.726
375	Jaipur	Phagi	Bhojpura	75.614	26.622	66.608
376	Jaipur	Phagi	Dawach	75.750	26.570	10.246
377	Jaipur	Phagi	Majhi Renwal	75.680	26.700	95.526
378	Jaipur	Phagi	Chakwara	75.510	26.610	14.289
379	Jaipur	Phagi	Chandama	75.660	26.510	20.639
380	Jaipur	Phagi	Chittora	75.700	26.640	14.554
381	Jaipur	Phagi	Choru	75.450	26.590	31.214
382	Jaipur	Phagi	Didwata	75.730	26.490	14.227
383	Jaipur	Phagi	Ghatyali	75.410	26.500	6.306
384	Jaipur	Phagi	Ladana	75.590	26.650	14.470
385	Jaipur	Phagi	Lasariya	75.510	26.560	1.448
386	Jaipur	Phagi	Madhorajpur	75.660	26.580	9.803
387	Jaipur	Phagi	Nemeda	75.510	26.500	23.170
388	Jaipur	Phagi	Parun	75.610	26.510	3.102
389	Jaipur	Phagi	Tickel	75.500	26.710	2.261
390	Jaipur	Sambhar	Sambhar	75.220	26.906	7.928
391	Jaipur	Sanganer	Goner	75.899	26.756	52.161
392	Jaipur	Viratnagar	Mairh	76.133	27.367	5.029
393	Jaipur	Viratnagar	Palri	76.110	27.340	6.716
394	Jaisalmer	Jaisalmer	Lanela	70.808	27.078	10.661
395	Jaisalmer	Jaisalmer	Delasar	71.358	26.967	5.020
396	Jaisalmer	Jaisalmer	Ghantiyali	71.463	27.452	11.653
397	Jaisalmer	Jaisalmer	Baishakhi	70.900	27.033	1.403
398	Jaisalmer	Jaisalmer	Moolsagar	70.835	26.913	24.801
399	Jaisalmer	Jaisalmer	Ghantiyali	71.460	27.450	15.628
400	Jaisalmer	Jaisalmer	Moolsagar	70.840	26.910	6.483
401	Jaisalmer	Jaisalmer	Bhadrias	71.780	27.480	3.101
402	Jaisalmer	Jaisalmer	Awai	71.830	27.520	26.067
403	Jaisalmer	Sam	Ranau	70.450	27.593	3.455
404	Jaisalmer	Sam	Tanot	70.367	27.800	24.317
405	Jaisalmer	Sam	Sadewala	70.244	27.635	2.793
406	Jaisalmer	Sam	Sam1	70.523	26.825	5.698
407	Jaisalmer	Sam	Khuri	70.700	26.600	0.910
408	Jaisalmer	Sam	Khariakua_Dw	70.330	27.720	3.787
409	Jaisalmer	Sam	Phulia	70.470	26.380	3.959
410	Jaisalmer	Sam	Sam	70.523	26.825	1.193
411	Jaisalmer	Sam	Nathukabera	70.415	27.811	3.127
412	Jaisalmer	Sankra	Bhainsara	71.492	26.631	0.834
413	Jaisalmer	Sankra	Sribhadria	71.550	27.080	11.429

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
414	Jaisalmer	Sankra	Gudi Ka Tala	71.600	26.760	12.617
415	Jaisalmer	Sankra	Luna Kalan	71.570	26.620	7.100
416	Jaisalmer	Sankra	Madasar	71.500	26.750	7.682
417	Jaisalmer	Sankra	Rajgarh1	71.540	26.540	4.836
418	Jaisalmer	Sankra	Phalsund	71.930	26.410	26.339
419	Jaisalmer	Sankra	Kalewa	71.904	26.806	10.103
420	Jalore	Ahore	Nimla	72.866	25.531	9.709
421	Jalore	Bhinmal	Bhinmal1	72.263	25.013	35.901
422	Jalore	Bhinmal	Ledarmer	72.350	25.050	2.267
423	Jalore	Chitalwana	Doongri	71.408	24.942	18.010
424	Jalore	Jalore	Jalor	72.630	25.330	21.389
425	Jalore	Jaswantpura	Ramseen	72.520	25.030	8.863
426	Jhalawar	Aklera	Aklera	76.561	24.413	2.174
427	Jhalawar	Aklera	Asalpur	76.500	24.270	0.207
428	Jhalawar	Bhawani Mandi	Gurariya Joga	75.836	24.367	7.013
429	Jhalawar	Bhawani Mandi	Anvlikalan	75.920	24.440	1.060
430	Jhalawar	Bhawani Mandi	Ganeshpura	75.960	24.480	10.326
431	Jhalawar	Bhawani Mandi	Gauradiya Kalan	75.870	24.100	0.900
432	Jhalawar	Bhawani Mandi	Karvan Kala	75.830	24.180	4.713
433	Jhalawar	Bhawani Mandi	Mishroli	75.840	24.280	0.130
434	Jhalawar	Dag	Dag1	75.835	23.949	0.822
435	Jhalawar	Dag	Gangdhar	75.620	23.930	6.367
436	Jhalawar	Dag	Gunavi	75.880	24.000	17.531
437	Jhalawar	Dag	Gwalat	75.710	23.950	0.709
438	Jhalawar	Jhalrapatan	Jhalrapatan	76.150	24.533	0.362
439	Jhalawar	Jhalrapatan	Aktasa	76.300	24.490	3.635
440	Jhalawar	Jhalrapatan	Doongargaon	76.380	24.430	0.997
441	Jhalawar	Jhalrapatan	Jhalawar	76.180	24.620	4.970
442	Jhalawar	Jhalrapatan	Krishanpura Chowki	76.100	24.500	9.570
443	Jhalawar	Jhalrapatan	Nahardi	76.200	24.450	0.954
444	Jhalawar	Khanpur	Piplaj	76.408	24.694	1.924
445	Jhalawar	Khanpur	Gagron	76.190	24.660	11.074
446	Jhalawar	Khanpur	Mandawar1	76.260	24.600	0.461
447	Jhalawar	Manohar Thana	Manohar Thana1	76.808	24.233	1.765
448	Jhalawar	Manohar Thana	Gajwara	76.770	24.340	0.994
449	Jhalawar	Manohar Thana	Jhiri	76.730	24.280	0.571
450	Jhalawar	Manohar Thana	Saredi	76.670	24.350	0.557
451	Jhalawar	Pirawa	Jaswantpura1	75.962	24.329	0.584
452	Jhalawar	Pirawa	Binda	76.190	24.410	10.222
453	Jhunjhunu	Jhunjhunun	Math	75.454	28.175	6.988
454	Jhunjhunu	Surajgarh	Devroad	75.625	28.303	4.846
455	Jhunjhunu	Udaipurwati	Sithal	75.533	28.000	5.289
456	Jodhpur	Balesar	Kui Jodha	72.471	26.443	1.302
457	Jodhpur	Bap	Nokhra Charna	72.893	27.232	10.204
458	Jodhpur	Bap	Bari Dhani	72.310	27.340	0.252
459	Jodhpur	Bhopalgarh	Ramrawas	73.380	26.369	21.939

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
460	Jodhpur	Bilara	Benan	73.421	26.317	24.219
461	Jodhpur	Luni	Bujawar	72.910	26.230	1.075
462	Jodhpur	Luni	Dhawa	72.740	26.060	22.585
463	Jodhpur	Luni	Jatyasani	72.840	26.110	0.307
464	Jodhpur	Luni	Khudala	72.830	26.150	40.329
465	Jodhpur	Luni	Raron Ki Dhani	72.780	26.190	20.955
466	Jodhpur	Mandor	Chopasni Nath	72.930	26.280	7.032
467	Jodhpur	Mandor	Dangiwas	73.270	26.270	16.419
468	Jodhpur	Mandor	Jodhpur	73.030	26.300	8.025
469	Jodhpur	Mandor	Karani	72.830	26.270	8.302
470	Jodhpur	Mandor	Rohil Kalan_Dw	72.860	26.250	1.963
471	Jodhpur	Mandore	Jodhpur	73.033	26.300	7.017
472	Jodhpur	Mandore	Mandore1	73.042	26.350	1.129
473	Jodhpur	Osian	Osian2	72.917	26.725	8.090
474	Jodhpur	Pipar City	Ramrawas	73.380	26.370	43.182
475	Jaisalmer	Shankra	Lawan	72.050	26.872	11.753
476	Karauli	Hindaun	Hindaun	77.033	26.733	3.920
477	Karauli	Hindaun	Badh Kamla	76.930	26.690	19.355
478	Karauli	Hindaun	Gurla1	77.000	26.640	4.346
479	Karauli	Hindaun	Islampur	77.020	26.700	13.170
480	Karauli	Karauli	Karauli Pz	77.013	26.494	3.987
481	Karauli	Karauli	Bhauapura	77.180	26.540	56.343
482	Karauli	Karauli	Karsai	76.930	26.430	1.450
483	Karauli	Karauli	Keladevi	76.930	26.320	2.869
484	Karauli	Karauli	Lauhra	76.850	26.330	2.576
485	Karauli	Karauli	Mamachari	76.950	26.430	2.637
486	Karauli	Mandrail	Mandral	77.242	26.311	4.665
487	Karauli	Nadauti	Nadauti	76.689	26.718	6.638
488	Karauli	Nadoti	Sahar1	76.710	26.610	1.401
489	Karauli	Sapotra	Sapotra1	76.770	26.279	5.162
490	Kota	Itawa	Gainta	76.310	25.576	9.547
491	Kota	Itawa	Ayana	76.430	25.450	3.706
492	Kota	Itawa	Keshavpura	76.400	25.440	7.383
493	Kota	Itawa	Khatoli	76.480	25.680	8.911
494	Kota	Ladpura	Kota1	75.850	25.183	0.358
495	Kota	Ladpura	Alania	75.910	25.040	1.995
496	Kota	Ladpura	Borawas	75.700	25.020	0.115
497	Kota	Ladpura	Dara	75.980	24.910	0.191
498	Kota	Ladpura	Girdharpura	75.830	25.220	1.887
499	Kota	Ladpura	Gudli	75.920	25.270	3.081
500	Kota	Ladpura	Kherarasulpur	75.970	25.120	3.400
501	Kota	Ladpura	Mandana	75.930	24.930	5.502
502	Kota	Sangod	Rajgarh1	76.205	25.100	4.102
503	Kota	Sultanpur	Mandavra	76.163	25.369	5.430
504	Kota	Sultanpur	Digod1	76.090	25.240	3.728
505	Kota	Sultanpur	Rattanpura	76.300	25.370	5.186

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
506	Nagaur	Degana	Chakdhani	74.040	26.850	26.542
507	Nagaur	Didwana	Singhana1	74.513	27.475	53.023
508	Nagaur	Didwana	Chhoti Khatu	74.350	27.150	6.819
509	Nagaur	Didwana	Kolia	74.480	27.350	2.112
510	Nagaur	Didwana	Raghunathpura	74.520	27.380	15.608
511	Nagaur	Didwana	Singhana1	74.510	27.480	44.176
512	Nagaur	Ladnu	Genana	74.360	27.470	21.656
513	Nagaur	Ladnu	Sanward	74.520	27.520	16.490
514	Nagaur	Parbatsar	Rohindi	74.710	26.840	10.936
515	Nagaur	Parbatsar	Bagot	74.583	26.817	181.084
516	Nagaur	Riyan	Rian	74.250	26.533	5.679
517	Pali	Bali	Perwa	73.216	25.158	25.222
518	Pali	Bali	Perwa	73.220	25.160	22.082
519	Pali	Desuri	Ghanerao	73.525	25.233	11.400
520	Pali	Desuri	Ghanerao	73.525	25.233	10.931
521	Pali	Desuri	Sadri	73.460	25.180	2.548
522	Pali	Desuri	Ranakpur	73.470	25.120	3.071
523	Pali	Jaitaran	Bassi1	74.063	26.329	18.500
524	Pali	Jaitaran	Bassi1	74.060	26.330	15.806
525	Pali	Jaitaran	Prithipura	73.817	26.200	27.500
526	Pali	Jaitaran	Prithipura	73.820	26.200	26.621
527	Pali	Pali	Gundoj	73.310	25.610	12.117
528	Pali	Raipur	Hajiwias	74.100	26.130	23.455
529	Pali	Raipur	Haripur Rly Stn	74.030	26.010	2.434
530	Pali	Rani	Kirwa	73.258	25.496	7.444
531	Pali	Rohat	Vaed	72.967	25.724	0.371
532	Pali	Rohat	Vaed	72.970	25.720	0.460
533	Pali	Sojat	Kanawas	73.475	25.853	23.000
534	Pali	Sojat	Kanawas	73.480	25.850	3.597
535	Pali	Sumerpur	Birami	73.200	25.370	4.800
536	Pali	Sumerpur	Sanderao	73.180	25.320	2.514
537	Pali	Sumerpur	Nimbornath	73.160	25.230	3.455
538	Pali	Sumerpur	Balwana	73.160	25.110	9.768
539	Pratapgarh	Arnod	Moheda	74.858	23.775	0.636
540	Pratapgarh	Arnod	Ninor	74.870	23.630	1.321
541	Pratapgarh	Chhoti Sadri	Choti Sadri	74.700	24.386	1.026
542	Pratapgarh	Chhoti Sadri	Dholapani	74.680	24.270	0.909
543	Pratapgarh	Dhariawad	Dhariawad	74.458	24.096	1.941
544	Pratapgarh	Dharyawad	Mungana	74.430	23.960	3.344
545	Pratapgarh	Dharyawad	Khunta	74.460	24.030	9.360
546	Pratapgarh	Dharyawad	Jawahar Nagar	74.480	24.090	1.157
547	Pratapgarh	Peepalkhoont	Peepalkhoont	74.567	23.796	0.442
548	Pratapgarh	Pipalkhoont	Pipli Chowk Ghantiyali	74.640	23.770	2.004
549	Pratapgarh	Pipalkhoont	Jhatia Bari	74.680	23.740	0.047
550	Pratapgarh	Pipalkhoont	Lamba Dabra	74.640	23.840	0.078
551	Pratapgarh	Pratapgarh	Pratapgarh	74.783	24.035	0.583

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
552	Pratapgarh	Pratapgarh	Devgarh	74.660	24.030	0.005
553	Pratapgarh	Pratapgarh	Punga Talab	74.580	24.080	1.881
554	Pratapgarh	Pratapgarh	Rajpuria	74.980	24.030	7.915
555	Pratapgarh	Pratapgarh	Mokhampura	74.880	24.020	1.792
556	Pratapgarh	Pratapgarh	Suhagpura	74.710	23.910	45.562
557	Pratapgarh	Pratapgarh	Barawarda	74.700	24.180	0.565
558	Rajasamand	Bhim	Bhim	74.079	25.743	6.559
559	Rajasamand	Khamnor	Khamnor1	73.733	24.917	1.233
560	Rajasamand	Kumbhalgarh	Kelwara	73.613	25.100	2.216
561	Rajasamand	Railmagra	Railmagra1	74.117	25.033	12.194
562	Rajasamand	Rajsamand	Rajsamand	73.883	25.067	5.983
563	Rajsamand	Amet	Chattarpur	73.956	25.241	108.665
564	Rajsamand	Amet	Nadiawala	73.860	25.200	4.681
565	Rajsamand	Amet	Gugli	73.880	25.230	37.412
566	Rajsamand	Bhim	Ghata	74.180	25.780	24.452
567	Rajsamand	Bhim	Sheron Ka Bala	74.130	25.850	3.694
568	Rajsamand	Bhim	Bali 1	74.080	25.830	2.643
569	Rajsamand	Bhim	Barar	74.020	25.670	1.605
570	Rajsamand	Bhim	Thikarwas	73.980	25.600	6.273
571	Rajsamand	Bhim	Baghana	73.840	25.500	4.288
572	Rajsamand	Bhim	Dewair	73.820	25.420	8.354
573	Rajsamand	Khamnor	Odan	73.820	24.900	2.931
574	Rajsamand	Kumbhalgarh	Kitela	73.780	25.340	6.007
575	Rajsamand	Kumbhalgarh	Jhilwara	73.670	25.230	12.704
576	Rajsamand	Kumbhalgarh	Mansingh Kagura	73.790	25.240	8.701
577	Rajsamand	Kumbhalgarh	Dowas	73.570	25.040	1.712
578	Rajsamand	Kumbhalgarh	Kancholi	73.550	24.960	2.376
579	Rajsamand	Kumbhalgarh	Kalwana	73.600	25.100	5.382
580	Rajsamand	Railmagra	Oda 1	74.000	25.030	56.015
581	Rajsamand	Railmagra	Khandel 1	74.080	25.120	33.133
582	Rajsamand	Railmagra	Gavardi	74.100	24.900	19.317
583	Rajsamand	Rajsamand	Mokampura	73.850	25.130	8.773
584	Sawai Madhopur	Bamanwas	Bamnawas	76.561	26.550	9.669
585	Sawai Madhopur	Bamanwas	Moral Tiwara	76.490	26.330	10.364
586	Sawai Madhopur	Bamanwas	Piplai	76.550	26.500	15.728
587	Sawai Madhopur	Bonli	Bonali	76.254	26.354	33.171
588	Sawai Madhopur	Bonli	Bhadoti	76.390	26.250	19.946
589	Sawai Madhopur	Bonli	Malarnachor	76.380	26.310	8.273
590	Sawai Madhopur	Bonli	Tond	76.400	26.370	19.500
591	Sawai Madhopur	Chauth Ka Barw	Kushtala	76.267	25.967	5.431
592	Sawai Madhopur	Gangapur	Gangapur2	76.733	26.483	12.439
593	Sawai Madhopur	Gangapur	Sewa	76.840	26.530	16.455
594	Sawai Madhopur	Khandar	Khandar1	76.594	26.022	3.899
595	Sawai Madhopur	Khandar	Bodal	76.430	25.930	1.159
596	Sawai Madhopur	Khandar	Chann	76.490	25.900	2.993
597	Sawai Madhopur	Khandar	Hindwar	76.350	25.890	6.389

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
598	Sawai Madhopur	Khandar	Phariya	76.530	25.920	11.574
599	Sawai Madhopur	Sawai Madhopur	Ranthambor	76.458	26.017	1.494
600	Sawai Madhopur	Sawai Madhopur	Kushlipura	76.370	25.930	2.008
601	Sawai Madhopur	Sawai Madhopur	Surwal	76.360	26.090	6.495
602	Sikar	Neem Ka Thana	Barala	75.882	27.748	19.869
603	Sikar	Patan	Patan	75.983	27.800	27.928
604	Sirohi	Abu Road	Mungthalla	72.683	24.483	7.846
605	Sirohi	Pindwara	Sarupganj	72.936	24.658	5.004
606	Sirohi	Pindwara	Sarupganj	72.940	24.660	2.331
607	Sirohi	Reodar	Gulabganj	72.675	24.675	8.212
608	Sirohi	Reodar	Gulabganj	72.680	24.680	9.893
609	Sirohi	Sheoganj	Posaliya	72.967	25.085	0.638
610	Sirohi	Sheoganj	Ambeshwarji	72.890	24.960	7.377
611	Sirohi	Sirohi	Sirohi	72.867	24.883	0.709
612	Sirohi	Sirohi	Palri	72.820	24.860	6.683
613	Sirohi	Sirohi	Barlot	72.720	25.000	25.477
614	Sirohi	Sirohi	Kalandri	72.690	24.930	10.481
615	Tonk	Deoli	Ramthala	75.281	25.864	7.961
616	Tonk	Deoli	Bantholi	75.570	25.880	22.105
617	Tonk	Deoli	Nagar1	75.830	25.900	10.395
618	Tonk	Malpura	Malpura1	75.383	26.283	12.624
619	Tonk	Malpura	Dewal1	75.190	26.240	1.088
620	Tonk	Malpura	Jaisinghpur	75.500	26.410	17.691
621	Tonk	Newai	Niwai1	75.933	26.367	37.070
622	Tonk	Todaraisingh	Todaraisingh1	75.489	26.023	0.517
623	Tonk	Todaraisingh	Hamirpur	75.580	26.180	4.793
624	Tonk	Tonk	Sohela	75.850	26.242	23.054
625	Tonk	Tonk	Arniyalmal	75.810	26.060	59.484
626	Tonk	Tonk	Mahuva	75.680	26.000	22.931
627	Tonk	Tonk	Mehndwas	75.730	26.110	28.212
628	Tonk	Uniara	Aligarh	76.078	25.967	7.278
629	Tonk	Uniara	Dikoliya	75.970	25.980	38.047
630	Tonk	Uniara	Jainagar	75.880	25.930	3.096
631	Tonk	Uniara	Nayagaon	75.890	26.040	13.798
632	Udaipur	Badgaon	Srimali Ki Karia	73.633	24.776	1.205
633	Udaipur	Badgaon	Kathar 1	73.570	24.890	8.841
634	Udaipur	Badgaon	Sangath	73.650	24.830	1.647
635	Udaipur	Badgaon	Ramgiri (Badagaon)	73.680	24.630	4.365
636	Udaipur	Bhinder	Bhinder	74.167	24.506	10.386
637	Udaipur	Bhinder	Bhatewar	74.010	24.620	1.489
638	Udaipur	Bhinder	Kheroda	74.060	24.580	4.768
639	Udaipur	Bhinder	Kanod	74.270	23.430	3.912
640	Udaipur	Bhinder	Hariyab	73.920	24.550	6.524
641	Udaipur	Girwa	Savina	73.714	24.506	3.697
642	Udaipur	Girwa	Sisarma	73.659	24.591	0.137
643	Udaipur	Girwa	Savina	73.710	24.510	3.723

Chemical Analysis Data of Uranium in Groundwater of Rajasthan State (2019)

S. No.	District	Block	Village	Longitude	Latitude	U_(µg/l)
644	Udaipur	Girwa	Undri	73.610	24.500	5.624
645	Udaipur	Girwa	Tidi	73.670	24.330	3.058
646	Udaipur	Girwa	Kanpur	73.780	24.570	5.022
647	Udaipur	Gogunda	Jaswantgarh	73.468	24.800	4.924
648	Udaipur	Gogunda	Punawali	73.430	24.880	1.882
649	Udaipur	Jahadol	Koliyari			BDL*
650	Udaipur	Jhadol	Koliyari	73.330	24.330	1.809
651	Udaipur	Jhadol	Ghori Mari	73.390	24.310	0.534
652	Udaipur	Jhadol	Amalia	73.350	24.230	3.789
653	Udaipur	Jhadol	Som 1	73.340	24.170	10.678
654	Udaipur	Jhadol	Garanwas	73.350	24.150	1.685
655	Udaipur	Jhalara	Kholri	74.063	24.072	15.919
656	Udaipur	Kherwara	Kherwara	73.601	23.983	10.605
657	Udaipur	Kherwara	Neecha Talab	73.430	24.080	5.447
658	Udaipur	Kotra	Padawali	73.393	24.613	3.383
659	Udaipur	Kurawar	Kurabar	73.992	24.448	12.005
660	Udaipur	Lasadiya	Arapur	74.417	24.251	2.107
661	Udaipur	Mavli	Mavli1	73.983	24.783	38.700
662	Udaipur	Rishabhdeo	Kalayanpura	73.758	24.001	1.929
663	Udaipur	Salumber	Salumber1	74.047	24.128	2.156
664	Udaipur	Salumber	Khairka	74.080	24.300	4.576
665	Udaipur	Salumber	Gurel	74.020	24.340	1.429
666	Udaipur	Salumber	Bassi	73.990	24.170	5.574
667	Udaipur	Salumber	Deola	74.050	24.170	0.685
668	Udaipur	Sarada	Sarada	73.833	24.150	4.465
669	Udaipur	Sarada	Parshad	73.700	24.190	5.692
670	Udaipur	Sarada	Dingri	73.870	24.220	6.311
671	Udaipur	Semari	Semari	73.850	24.065	6.110

*BDL-Below Detection Limit