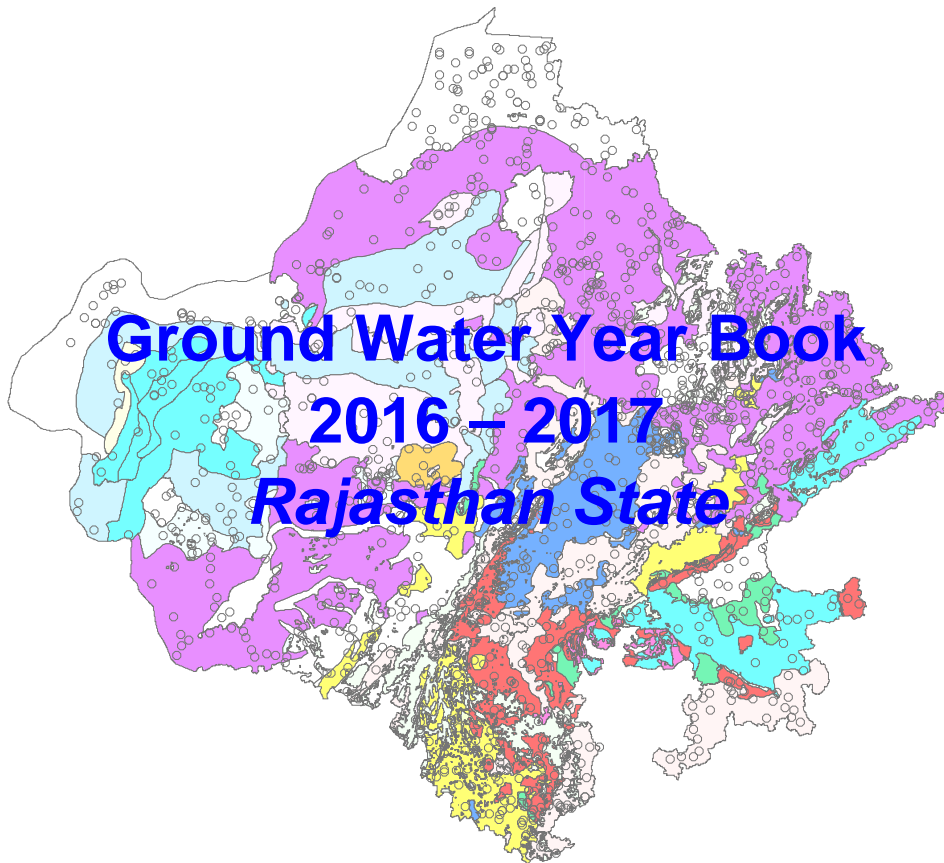




**Government of India  
Ministry of Water Resources, River Development &  
Ganga Rejuvenation  
Central Ground Water Board**



**Central Ground Water Board  
Western Region  
Jaipur**

**August 2017**

## PREFACE

Increasing ground water demand due irrigation, domestic and industrial needs have rapid decline in ground water in major part of the State. Ground Water Year Book 2016-17 of Rajasthan, depicts ground water scenario during pre, post & during monsoon as well as in spring period with reference to spatial behaviour of ground water regime for individual monitoring period, seasonal, annual, decadal changes in water level and behaviour of ground water quality in pre-monsoon. The water level data and water samples were collected by the scientific officers and technical staff of the Region.

The water level and water quality samples collected from field was computerised and processed with the help of dedicated GEMS software. GEMS is used for analysis of data, retrieval and generation of the maps. Based on the data analysis, this report has been compiled by Ms Richa Gautam, Scientist "B", Shri D C Sharma, Scientist B (Hydrometeorology), Dr. J.P. Garg, Assistant Chemist, Ms. Aruna Saini, Assistant Chemist, Dr. Prerna Mathuriya, Assistant Chemist, and Sh. Lokendra Kumar, Draftsman under guidance of Shri S K Pareek, Scientist "D". The efforts made by the officers/officials in bringing out this excellent report are highly appreciated.

I hope this Ground Water Year Book, which contains all the basic data and analyses for the year 2016-17, will be of immense use to various user agencies and will be helpful to the planners and technocrats for the formulation of various ground water based schemes in the Rajasthan State.

*Arijit Dey*

(Dr. Arijit Dey)

Regional Director (c/c)

# GROUND WATER YEAR BOOK 2016-2017

## RAJASTHAN

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## **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 2005 -14, highest average annual rainfall of the State occurred in the year 2011 and lowest in the year 2009. The average annual rainfall (2016) in the State is 26.58% more than the normal annual rainfall. The average annual rainfall of the State during the period 2016 works out to be 695 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 rocks (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, Marwar, 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 1,170 stations in Rajasthan called the National Hydrograph Stations (NHS). This includes 724 dug wells and 446 purpose built*

piezometers. The density of stations monitored during 2016-17 works out to one station for every 293 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, 2016 and January, 2017, the depth to ground water was within 20 m in more than 61% of the stations. The summarized details are given in the following table:

Depth to water level (m bgl)	Percentage of Stations			
	May-16	Aug-16	Nov-16	Jan-17
>40	19.63	18.37	18.54	20.64
20 to 40	18.97	17.49	16.73	17.26
10 to 20	29.01	16.11	18.74	18.20
5 to 10	22.36	14.83	17.33	18.20
2 to 5	8.51	14.34	15.53	13.60
< 2	1.53	18.86	13.13	12.10

Analysis of depth to water level during May 2016 (Pre-monsoon) indicates that the water levels of more than 40 m bgl in 19.63% of stations fall mostly in the districts of Barmer, Bikaner, Churu, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Sikar & Jaipur representing north-central and western part of the state. South-eastern half of the State exhibits water level less than 20 m bgl. Water levels less than 2 m bgl have been observed in 1.53% stations in isolated patches and scattered mostly in the south-eastern parts of the State. About 70% of stations recorded water level between 5 to 40 m bgl. The deepest water level 120.45 m bgl was recorded at Kathora in Jaisalmer district.

During post monsoon period (November 2016), water levels of more than 40 m bgl have been recorded in 18.54% stations mainly in north-east central and western part of the state. Water levels less than 20 m bgl are mainly seen in South Eastern parts of the State. Depth to water level between 20 to 40m bgl was recorded in 17.49% stations in upper central half and north-east to western parts of the State, falling mainly in parts of Alwar, Barmer, Bharatpur, Bikaner, Churu, Dausa, Jaipur, Jaisalmer, Jalore, Nagaur & Sikar districts and in small scattered patches in other Districts.

The seasonal fluctuations between May 2016 and other periods of measurement, i.e., August & November 2016 and January 2017 are shown below. In majority of the cases, a rise as compared to May 2016 is observed.

May 2016 as compared to	Rise (% of wells)			Fall (% of wells)		
	0-2	2-4	> 4	0-2	2-4	>4
Aug 2016	36.0%	13.3%	32.0%	13.0%	2.4%	1.9%
Nov 2016	31.7%	16.5%	25.2%	20.2%	4.0%	1.2%
Jan 2017	28.3%	15.9%	24.9%	22.8%	4.4%	2.9%



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. It is seen that there was a decline in water level in most of the cases. The results are summarised below:

<b>From</b>	<b>To</b>	<b>Rise (% of wells)</b>			<b>Fall (% of wells)</b>		
<b>Range-&gt;</b>		<b>0-2</b>	<b>2-4</b>	<b>&gt; 4</b>	<b>0-2</b>	<b>2-4</b>	<b>&gt;4</b>
May 2015	May 2016	18.9%	4.8%	3.3%	45.3%	15.6%	11.0%
Aug 2015	Aug 2016	33.7%	10.4%	9.8%	28.9%	8.7%	7.7%
Nov 2015	Nov 2016	34.1%	12.4%	8.3%	26.4%	10.4%	6.6%
Jan 2016	Jan 2017	29.8%	14.1%	15.3%	27.8%	7.1%	5.2%

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. It is seen that, on long term basis about 47% of the stations have shown fall and about 53% have 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.

<b>From</b>	<b>To Decadal Average</b>	<b>Rise (% of wells)</b>			<b>Fall (% of wells)</b>		
<b>Range-&gt;</b>		<b>0-2</b>	<b>2-4</b>	<b>&gt; 4</b>	<b>0-2</b>	<b>2-4</b>	<b>&gt;4</b>
May 2016	May 2006-2015	26.2%	9.5%	6.1%	27.7%	14.2%	16.1%
Aug 2016	Aug 2006-2015	28.2%	15.3%	13.5%	20.0%	8.0%	14.8%
Nov 2016	Nov 2006-2015	29.3%	15.0%	11.5%	20.5%	9.7%	14.0%
Jan 2017	Jan 2007-2016	26.5%	16.6%	14.6%	20.1%	8.4%	13.1%

The chemical quality of the ground water has been evaluated by analysing 646 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:

S.No.	Limit	CONSTITUENTS IN PERCENT								
		TDS	Cl	SO4	F	NO3	TH	Ca	Mg	Fe
1	Acceptable limit	19.89	60.24	71.55	58.60	65.53	23.20	64.92	35.54	64.88
2	Permissible Limit	57.58	28.54	16.30	16.87		59.38	30.26	51.33	
3	Beyond Permissible	22.54	11.22	12.15	24.53	34.47	17.41	4.82	13.13	35.12

The Electrical Conductivity (EC) is primary indicator of degree of salinity in the ground water. The EC ranges from less than 190 to 26900  $\mu\text{S}/\text{cm}$  at 25°C. Lower values of EC are

*noticed mainly in canal command areas in north-western and southern parts while higher values are seen mostly in central parts.*

*Out of 646 water samples analysed, 19.05% samples have EC values less than 750  $\mu\text{S}/\text{cm}$ , 31.55% in the range of 750-1500  $\mu\text{S}/\text{cm}$ , 26% in the range of 1500-3000  $\mu\text{S}/\text{cm}$ , 23.39 % have more than 3000  $\mu\text{S}/\text{cm}$ . Distribution of Electrical Conductivity of Ground Water is shown in Fig. – 27. A perusal of map and data shows that in the districts of Jalore (100%), Nagaur (81.25%), Bharatpur (55%), Barmer 52%, Jaisalmer (48.64%), Churu (47.82%) & Jodhpur (42.85%) samples have EC values Beyond Permissible Limit.*

*Occurrence of high fluoride in the ground water of Rajasthan is a great concern as 24.53% of 646 ground water samples contain fluoride value beyond Permissible limit i.e. 1.5 mg/L whereas 58.60% and 16.87% of samples are within Acceptable and permissible limit respectively. Ajmer, Sirohi, Churu, Jaipur & Sikar districts are worst affected where more than 50 % samples shows fluoride value more than 1.5 mg/L and Bhilwara, Bikaner, Jodhpur, Dausa & Bharatpur districts are moderately affected where samples shows fluoride between 40 % 50% .*

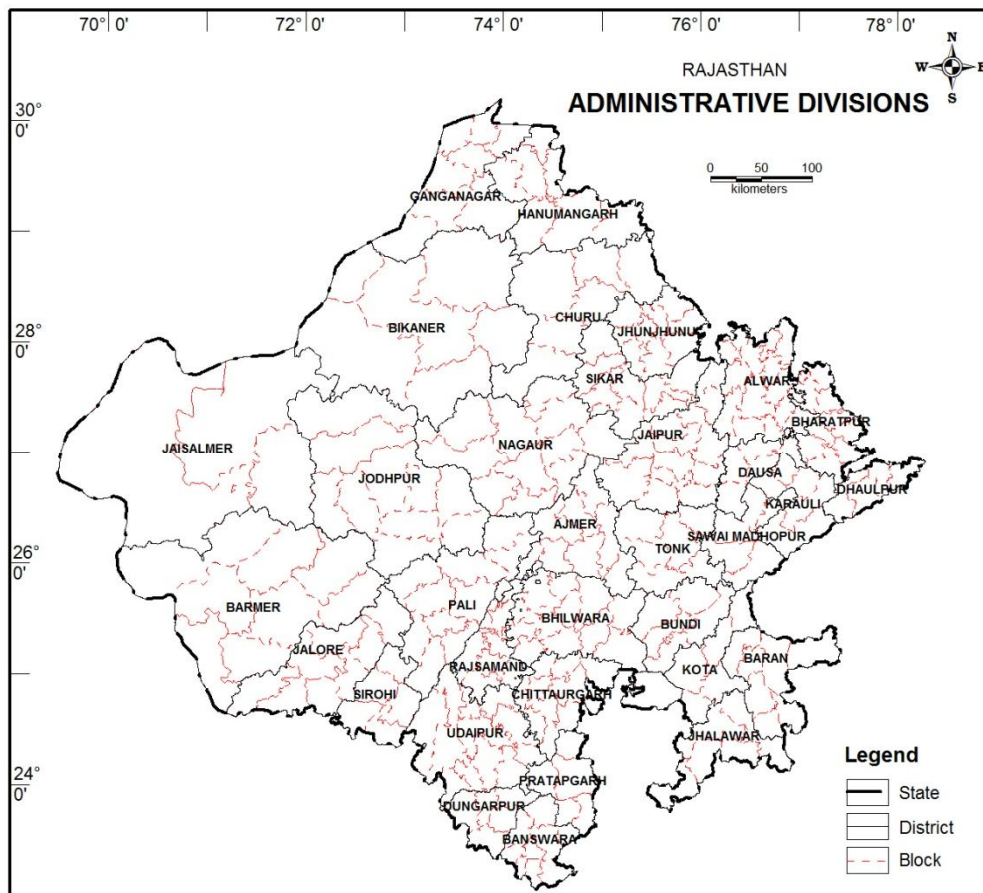
*High nitrate concentrations have been observed in ground water at several places. During May 2016, its range was nil to 3640 mg/l. Around 65.53% of stations have nitrate values within acceptable limit and remaining 34.47% samples have value beyond permissible limit i.e. 45 mg/l. Barmer, Churu, Jalore, Nagaur, Jhodhpur, Sikar, and Sirohi districts are worse affected with nitrate concentration as more than 50 % of samples have nitrate values beyond permissible limit. Jaisalmer, Rajsamand & Karauli Districts have nitrate contamination between 40 & 50%.*

# GROUND WATER YEAR BOOK 2016-2017

## RAJASTHAN

### 1. Introduction

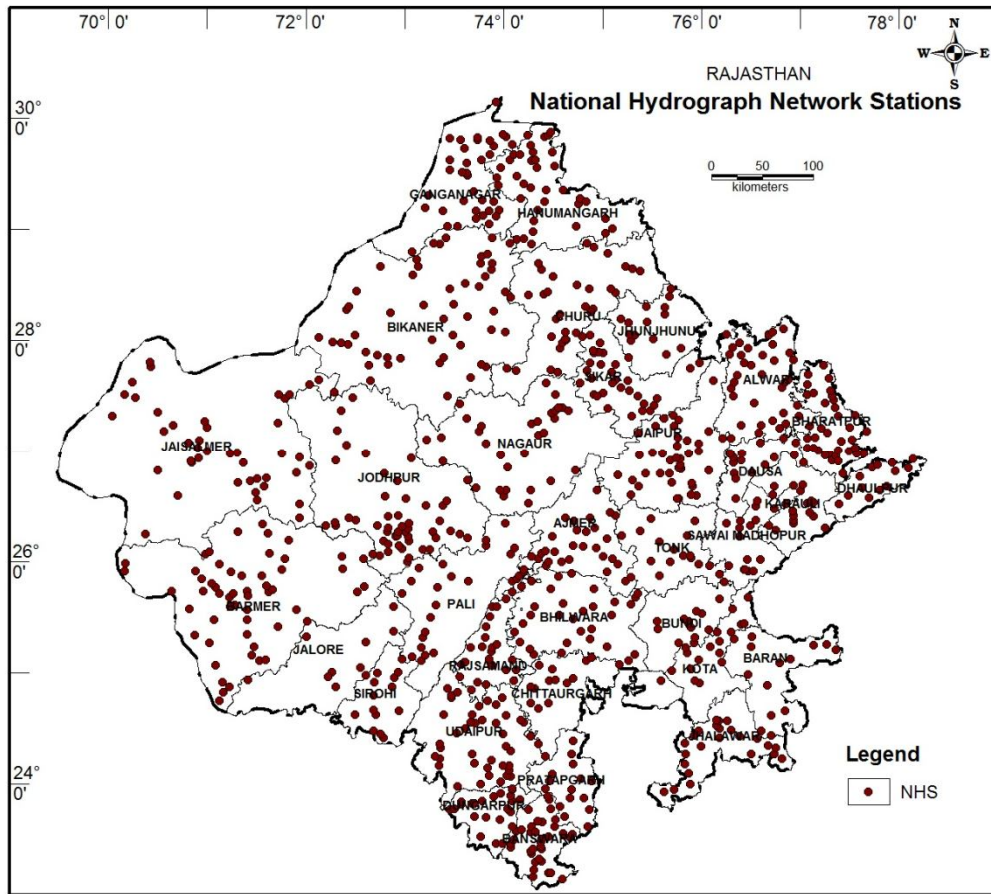
The State of Rajasthan comprising of 33 districts has a geographical area of 3,42,239 square kilometre (sq km) and is the largest State in the country. Administrative division map of Rajasthan is shown in Figure-1. It is situated between north latitudes 23°03' and 30°12' and east longitudes 69°30' and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



**Figure 1: Administrative Divisions**

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. 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 1170 NHS comprises of 724 dug well

and 446 piezometers in the state are being monitored and are represented on map of Rajasthan in Figure-2. The district-wise distribution is given in Table 1.



**Figure 2: Location of National Hydrograph Stations**

**Table 1: Area of Districts and Number of NHS as on 31.3.2016**

S. No.	District	Geographical area (sq km)	Number of NHS monitored		
			Dug well	Piezometer	Total
1	Ajmer	8,481	23	7	30
2	Alwar	8,380	11	26	37
3	Banswara	4536.08	27	20	47
4	Baran	6,955	20	0	20
5	Barmer	28,387	40	19	59
6	Bharatpur	5,100	23	15	38
7	Bhilwara	10,455	36	2	38
8	Bikaner	27,244	33	27	60
9	Bundi	5,550	12	0	12
10	Chittorgarh	7880	16	2	18
11	Churu	16,830	28	11	39
12	Dausa	3,470	6	19	25

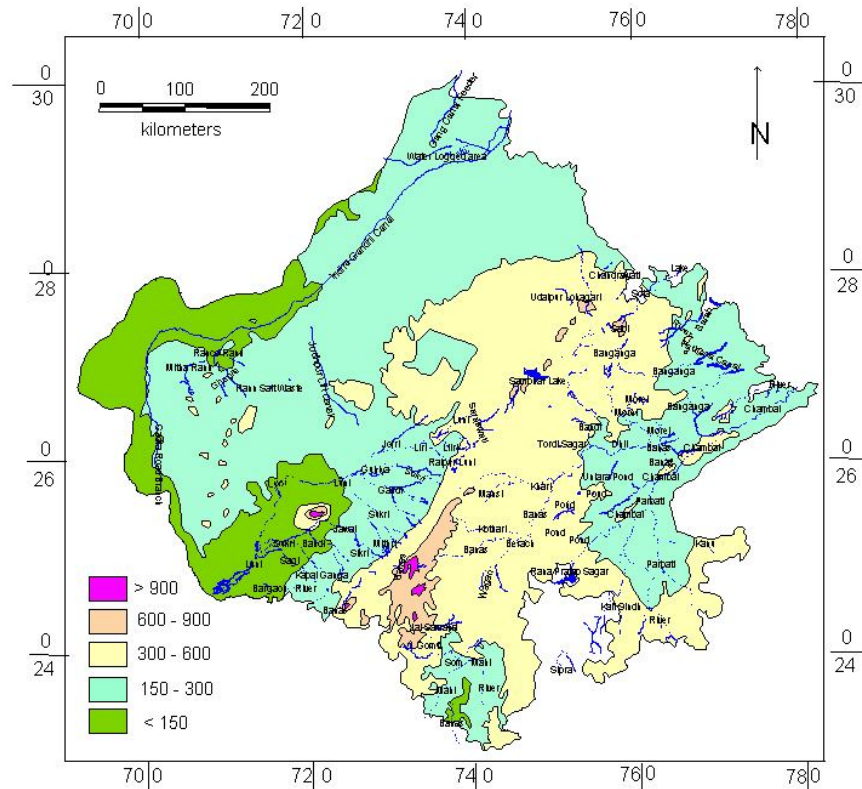
S. No.	District	Geographical area (sq km)	Number of NHS monitored		
			Dug well	Piezometer	Total
13	Dhaulpur	3,000	9	6	15
14	Dungarpur	3,770	17	7	24
15	Ganganagar	10,978	35	7	42
16	Hanumangarh	9,656	30	11	41
17	Jaipur	11,066	31	92	123
18	Jaisalmer	38,401	38	33	71
19	Jalore	10,640	6	20	26
20	Jhalawar	6,219	26	1	27
21	Jhunjhunu	5,928	0	21	21
22	Jodhpur	22,850	32	29	61
23	Karauli	5,016	17	6	23
24	Kota	5,481	17	0	17
25	Nagaur	17,718	30	6	36
26	Pali	12,387	25	1	26
27	Pratapgarh	4359.8	18	1	19
28	Rajsamand	4,768	28	3	31
29	Sawai Madhopur	5,043	18	1	19
30	Sikar	7,732	2	38	40
31	Sirohi	5,136	12	7	19
32	Tonk	7,194	18	3	21
33	Udaipur	11760.6	40	5	45
RAJASTHAN		3,42,239	724	446	1170

## 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

## Physiography and Drainage



**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 Vindhyans in Dholpur, Sawai Madhopur, Jhalawar and Kota districts along the Chambal river and its tributaries.

## **2.2 Drainage**

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. 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 Chambal River Basin occupies 25% (84884 sq km) of the total geographical area of the state. The break-up of NHS and basin area of each river basin is shown in table 2.



**Table 2: Distribution And Density Of NHS In River Basins**

River Basin	Area in sq km	Area (%)	No. of NHS	% of NHS	Density sq km/ NHS
Banas	47060	14	248	21	190
Banganga	8583	3	54	5	159
Chambal	31243	9	97	8	322
Gambhir	4694	1	36	3	130
Ghaggar	5202	2	22	2	236
Luni	69302	20	179	15	387
Mahi	16611	5	107	9	155
Other Nalas of Jalore	1900	1	6	1	317
Outside Basin	130522	38	325	28	402
Parbati	1887	1	6	1	315
Ruparail	4034	1	19	2	212
Sabarmati	4130	1	6	1	688
Sabi	4524	1	25	2	181
Shekhawati	9751	3	29	2	336
Sukli	990	0	5	0	198
West Banas	1831	1	6	1	305
<b>Total</b>	<b>342264</b>	<b>100</b>	<b>1170</b>	<b>100</b>	<b>293</b>

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 2016 in the State (Figure 4)

There are 292 Rain gauge stations in the state. The annual rainfall data of ten years 2007 to 2016 have been analysed to calculate average rainfall of each district in the respective years. The average annual rainfall of the state during the period 2016 works out to be 695 mm. The average annual rainfall and departures (%) from normal annual rainfall in the state is shown in figure 5. The percentage departures of average annual rainfall from Normal (1901-70) have been computed for the last ten years and tabulated in Table 3. It is observed that the average annual rainfall in the State, during the year 2016, is 27% more than the normal annual rainfall. The average annual rainfall in the state during the preceding year i.e. 2015 was more than 9.1 % to normal annual rainfall.

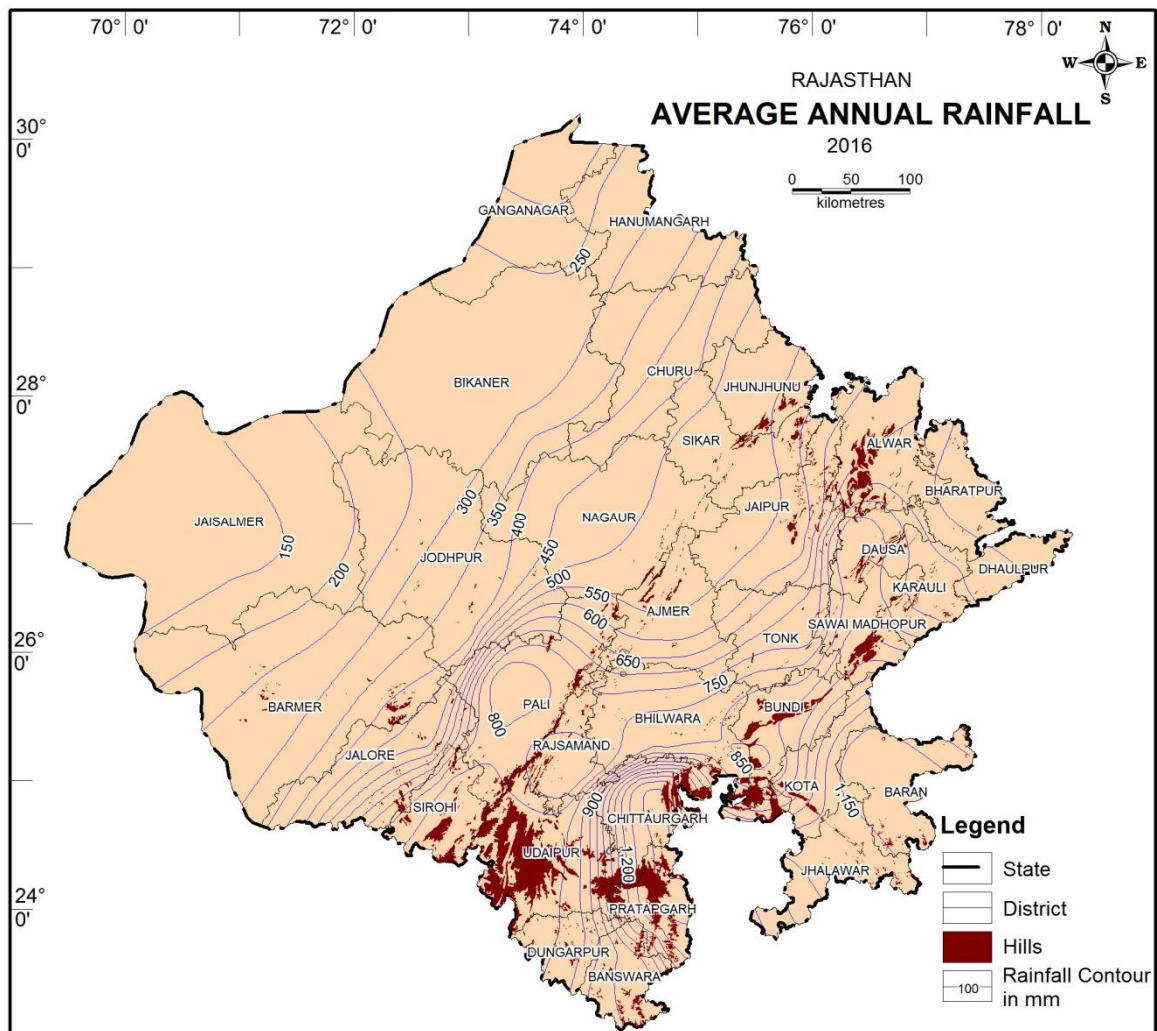


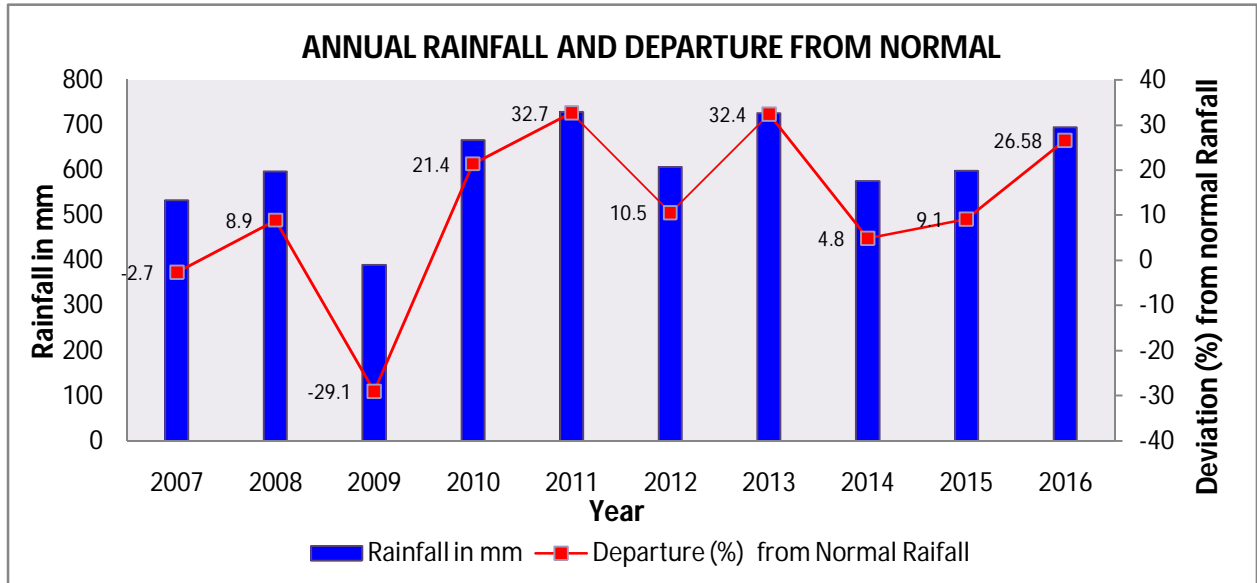
Figure 4: Distribution of average annual rainfall during 2016.

**Table 3: Average Annual Rainfall and Departure (%) From Normal Rainfall**

S. No.	District	Normal (1901-70)	RAINFALL IN MM										DEPARTURE FROM NORMAL RAINFALL IN(%)										
			2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
1	Ajmer	437.0	396	436	264	660	670	611	558	574.1	281.6	535	-9.4	-0.2	-39.6	51.0	53.3	39.8	27.7	31.4	-35.6	22.43	
2	Alwar	626.0	615	955	514	687	638	626	694	477.8	539.8	704	-1.8	52.6	-17.9	9.7	1.9	0.0	10.9	-23.7	-13.8	12.46	
3	Banswara	870.0	1283	564	726	630	1024	872	1049	724.9	689.5	1023	47.5	-35.2	-16.6	-27.6	17.7	0.2	20.6	-16.7	-20.7	17.59	
4	Baran	895.3	677	936	644	609	1529	731	1564	1106.4	977.3	1184	-24.4	4.5	-28.1	-32.0	70.8	-18.4	74.7	23.6	9.2	32.25	
5	Barmer	260.0	270	301	152	547	440	210	436	215.0	457.3	265	3.8	15.8	-41.5	110.4	69.2	-19.2	67.7	-17.3	75.9	1.92	
6	Bharatpur	675.1	437	792	594	785	782	729	620	523.8	559.7	678	-35.3	17.3	-12.0	16.3	15.8	8.0	-8.2	-22.4	-17.1	0.43	
7	Bhilwara	603.3	569	580	371	705	585	596	715	618.7	498.9	824	-5.7	-3.9	-38.5	16.9	-3.0	-1.2	18.5	2.6	-17.3	36.58	
8	Bikaner	249.8	283	359	190	423	339	332	303	301.6	509.1	283	13.3	43.7	-23.9	69.3	35.7	32.9	21.3	20.7	103.8	13.29	
9	Bundi	715.8	609	643	419	656	860	600	893	762.2	796.3	897	-14.9	-10.2	-41.5	-8.4	20.1	-16.2	24.8	6.5	11.2	25.31	
10	Chittorgarh	772.3	649	814	526	758	850	817	946	844.0	695.2	1313	-16.0	5.4	-31.9	-1.9	10.1	5.8	22.5	9.3	-10.0	70.01	
11	Churu	337.9	405	506	249	641	588	428	494	477.8	480.3	434	19.9	49.7	-26.3	89.7	74.0	26.7	46.2	41.4	42.1	28.44	
12	Dausa	625.7	555	861	417	743	791	876	861	682.3	424.8	883	-11.3	37.6	-33.4	18.7	26.4	40.0	37.6	9.0	-32.1	41.12	
13	Dhaulpur	717.5	476	1031	477	739	614	851	932	600.7	556.7	697	-33.7	43.7	-33.5	3.0	-14.4	18.6	29.9	-16.3	-22.4	-2.86	
14	Dungarpur	610.4	750	464	721	599	957	952	906	659.5	707.3	846	22.9	-24.0	18.1	-1.9	56.8	56.0	48.4	8.0	15.9	38.60	
15	Ganganagar	171.6	329	310	242	338	371	236	212	352.8	377.0	169	91.7	80.7	41.0	97.0	116.2	37.5	23.5	105.6	119.7	-1.52	
16	Hanumangarh	237.5	419	366	273	418	387	266	347	336.9	402.4	275	76.4	54.1	14.9	76.0	62.9	12.0	46.1	41.9	69.4	15.79	
17	Jaipur	526.8	495	713	310	792	654	603	637	541.7	440.3	567	-6.0	35.3	-41.2	50.3	24.1	14.5	20.9	2.8	-16.4	7.63	
18	Jaisalmer	158.6	226	186	87	379	309	225	242	124.5	341.3	140	42.5	17.3	-45.1	139.0	94.8	41.9	52.6	-21.5	115.2	-11.73	
19	Jalore	400.6	410	378	167	827	689	332	582	354.2	701.9	468	2.3	-5.6	-58.3	106.4	72.0	-17.1	45.3	-11.6	75.2	16.82	
20	Jhalawar	884.8	701	696	634	629	1179	758	1439	912.2	1183.6	1125	-20.8	-21.3	-28.3	-28.9	33.3	-14.3	62.6	3.1	33.8	27.15	
21	Jhunjhunu	459.5	463	624	272	763	670	516	559	516.0	485.4	525	0.8	35.8	-40.8	66.1	45.8	12.3	21.7	12.3	5.6	14.25	
22	Jodhpur	296.7	288	368	146	462	404	356	522	304.8	578.8	367	-2.9	24.0	-50.8	55.7	36.2	20.0	75.9	2.7	95.1	23.69	
23	Karauli	616.2	553	1013	530	730	754	982	884	619.6	503.2	776	-10.3	64.4	-14.0	18.5	22.4	59.4	43.5	0.6	-18.3	25.93	
24	Kota	808.7	706	812	579	592	1234	613	1223	770.3	849.2	836	-12.7	0.4	-28.4	-26.8	52.6	-24.2	51.2	-4.7	5.0	3.38	
25	Nagaur	363.1	318	465	183	537	316	522	527	442.0	525.8	449	-12.4	28.1	-49.6	47.9	-13.0	43.8	45.1	21.7	44.8	23.66	
26	Pali	484.5	572	397	271	639	659	584	562	533.2	600.2	830	18.1	-18.1	-44.1	31.9	36.0	20.5	16.0	10.1	23.9	71.31	
27	Rajsamand	556.1	618	454	413	831	759	647	674	499.3	554.1	704	11.1	-18.4	-25.7	49.4	36.5	16.3	21.2	-10.2	-0.4	26.60	
28	Sawai Madhopur	655.8	528	739	479	664	819	692	920	687.3	561.8	922	-19.5	12.7	-27.0	1.3	24.9	5.5	40.3	4.8	-14.3	40.59	
29	Sikar	459.8	494	619	272	821	633	649	554	571.9	479.5	520	7.4	34.6	-40.8	78.6	37.7	41.1	20.5	24.4	4.3	13.09	
30	Sirohi	606.3	829	507	378	943	1081	739	727	655.0	1029.7	826	36.7	-16.4	-37.7	55.5	78.3	21.9	19.9	8.0	69.8	36.24	
31	Tonk	598.2	534	613	379	788	855	727	894	789.0	624.9	734	-10.7	2.5	-36.6	31.7	42.9	21.5	49.4	31.9	4.5	22.70	
32	Udaipur	632.7	632	617	583	890	879	732	786	701.8	601.3	828	-0.1	-2.5	-7.9	40.7	38.9	15.7	24.2	10.9	-5.0	30.87	
33	Pratapgarh	806.0								713.0	745.4	1309									-11.5	-7.5	62.41
	<b>RAJASTHAN</b>	<b>549.1</b>	<b>534.0</b>	<b>597.7</b>	<b>389.4</b>	<b>666.4</b>	<b>728.8</b>	<b>606.5</b>	<b>726.9</b>	<b>575.6</b>	<b>598.8</b>	695	<b>-2.7</b>	<b>8.9</b>	<b>-29.1</b>	<b>21.4</b>	<b>32.7</b>	<b>10.5</b>	<b>32.4</b>	<b>4.8</b>	<b>9.1</b>	26.58	

A perusal of Table 3 reveals that during the year 2016, 30 districts received above annual normal rainfall and among which Pali, Chittorgarh, and Pratapgarh districts received 71.31, 70.01 and 62.01% above normal annual rainfall. But 3 districts received below normal annual rainfall Which are Daulpur(-2.91%),Ganganagar (-1.5%) and Jaisalmer (-11.71%).

The isohyets of annual rainfall for 2016 (Figure 4) 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 48<sup>0</sup> C.

January is the coldest month. The normal minimum temperature for the month of January range from 2<sup>0</sup> C in the north to 7.8<sup>0</sup> C in the south west in the western Rajasthan. 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 7<sup>0</sup> C to 8<sup>0</sup> C which increases towards the east and attains a high of more than 10<sup>0</sup> 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 4.

**Table 4: 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 Delhi 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 Delhi and are exposed around Ajmer and Mount Abu. Malani Suite 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 Tertiaries

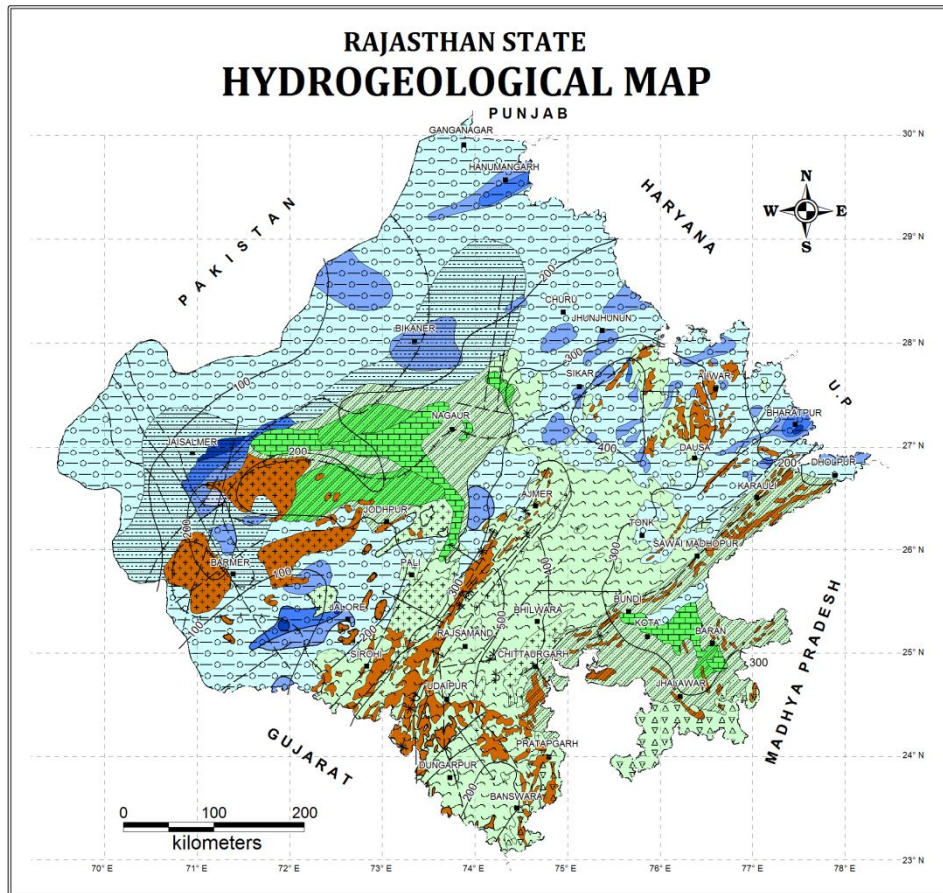
Sandstones, bentonitic clay and Fuller's earth are the Main litho-units and are exposed in Barmer, Bikaner and Jaisalmer districts.

### 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. 
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	AQUIFERS WITH SECONDARY INTERGRANULAR POROSITY AND FRACTURES 
	CONSOLIDATED			
CENOZOIC, MESOZOIC	EFFUSIVES	Basalt with or without intertrappean sediments	Discontinuous unconfined to confined aquifers down to 150 mbgl restricted to fractures, vesicular zones and weathered mantle	
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 245 mbgl restricted to caverns, fractures and weathered mantle	COMPACT FORMATIONS WITH MARGE YIELD 
	INTRUSIVES	Granite, Rhyolite	Discontinuous unconfined aquifers down to 80 mbgl restricted to weathered mantle and fractures	
PROTEROZOIC, AZOIC	META SEDIMENTARIES & BASAL CRYSTALLINE COMPLEX	Quartzite, Slate, Phyllite, Schist and Gneiss	Discontinuous unconfined to semiconfined aquifers down to 150 mbgl restricted to fractures and weathered mantle	

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.

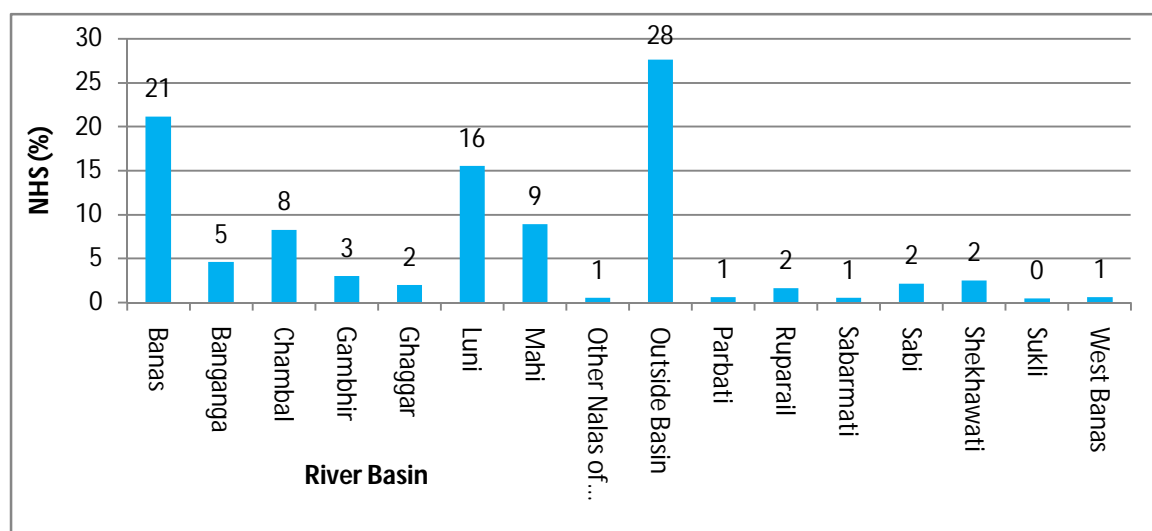
At present the National Hydrograph Network Stations are being monitored four times a year simultaneously throughout the state on the under-mentioned dates:

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

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 1170 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 1170 NHS, open dug-wells were 724 and piezometers 446. 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 293 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.



**Figure 7: Basin-wise distribution of Monitoring Wells**



In all there are 10 main river basins in the state. The distribution of NHS (Basin-wise) and percentage of NHS is shown in figure-7. 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 of the state are thinly populated. Hence the population of ground water structures is also less as compared to other parts.

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

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

Age	Formation	Type	Area		NHS		Density
			Sq. km	%	No.	%	Sq.km/ Station
Quaternary	Blown Sand, Recent, older alluvium	Un-consolidated	145654	43	532	45	274
Tertiary-Upper Palaeozoic	Sandstone, Siltstone, Shale, Limestone	Semi Consolidated	36258	11	96	8	378
Mesozoic	Basalt, Rhyolite Intertrapeans	Effusive	9092	3	76	6	120
Proterozoic	Limestone, Dolomite	Sedimentaries	10185	3	28	2	364
	Sandstone, Shale	Sedimentaries	51116	15	81	7	631
Lower Proterozoic	Quartzite, Phyllite, Schist Gneiss, Marble	Meta-sediments	73293	21	309	26	237
Achaean	Granite, Metamorphics	Basal Crystallines	16741	5	48	4	349
<b>Total</b>			<b>342239</b>	<b>100</b>	<b>1170</b>	<b>100</b>	<b>293</b>

Out of 1,170 NHS, 43% are in unconsolidated formation of Quaternary age and 11% in semi-consolidated formations of Tertiary and Upper Palaeozoic age. The consolidated formations have 46% 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 2016 – 2017 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.

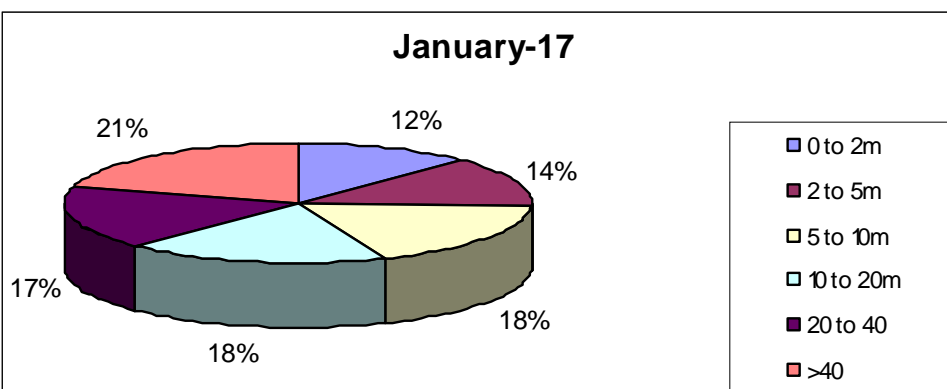
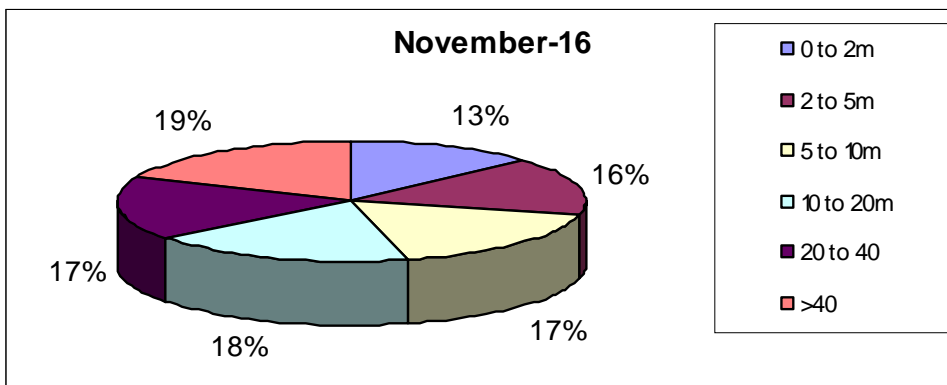
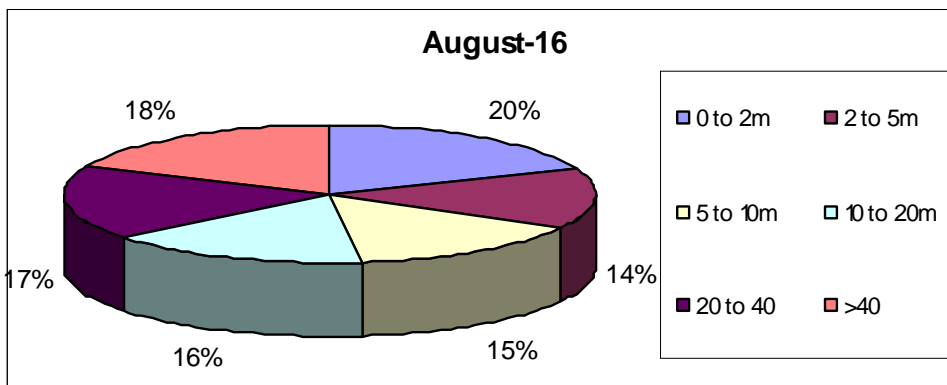
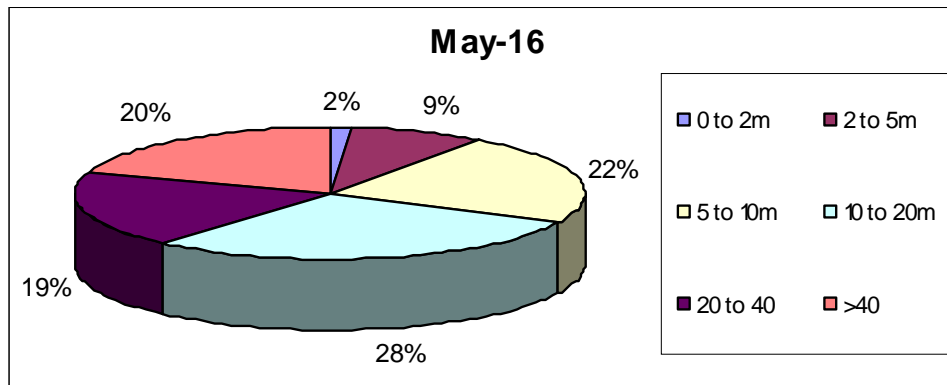
The water level data of open wells and piezometers are presented in the Appendix I.

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)

An analysis was done to understand the water level behaviours of the NHS stations in the different categories of the water levels during every monitoring period and the same is depicted in Fig. 8.1 & Annex 1 to IV. Shallow water level 0 to 2 m bgl observed in 3% to 15% of majority of stations whereas deeper water level recorded in 18% to 19% of the stations in the year 2016-17.



**Figure 8: Distribution of Wells among Different Categories of Water Levels (2016-17)**

### 7.1.1 May 2016

Total number of wells analysed are 917. Map (Fig-9 & Appendix I) displays a wide variation of ground water level during the monitored period of May, 2016 in Rajasthan State. It varies from 0.35 mbgl (at Rawatbhata in Chittorgarh district) to 120.45mbgl (at Kathora in Jaisalmer district). Water levels of more than 40 m bgl in 19.63% of stations fall mostly in the districts of Barmer, Bikaner, Churu, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Sikar & Jaipur representing north-central and western part of the state. Depth to water level between 20 to 40 mbgl has been recorded in 18.97% of monitored stations, stretching from north east to western part of the State, covering major parts of Alwar, Barmer, Bikaner, Churu, Dausa, Dhaulpur, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jodhpur, Nagaur, Sikar and Sirohi districts and in small patches in Ajmer, Bharatpur, Bhilwara, Chittorgarh, Ganganagaur, Karauli, Pali, Partapgarh, Sawai Madhopur, Tonk and Udaipur Districts. The northern, southern and south eastern parts have water level less than 20 mbgl in general. The water level varying from 10 to 20 mbgl has been recorded at 29.01% of monitored stations falling in all the districts. The depth to water level ranging from 5 to 10 mbgl has been recorded at 22.36% of monitored stations in patches in Ajmer, Banswara, Baran, Bharatpur, Bhilwara, Bundi, Chittorgarh, Dhaulpur, Dungarpur, Ganganagar, Jhalawar, Kota, Pali, Rajsamand, Tonk, Pratapgarh and Udaipur. The water level ranging between 2 to 5 mbgl has been observed at 8.51% of monitored stations covering south & south-east and in isolated patches in northern part of State. Shallower water level of less than 2 mbgl have been seen at 1.53% of stations occurring as isolated patches only in Ajmer, Banswara, Ganganagar, Hanumangarh, Pali, Tonk and Udaipur districts.

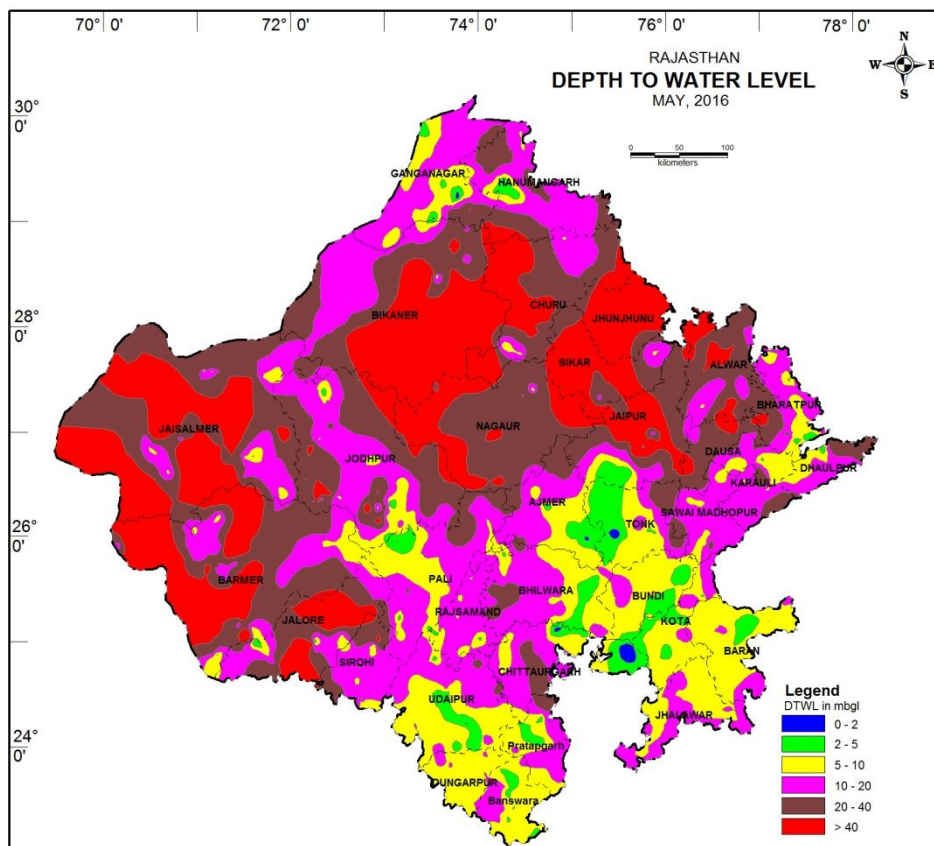


Figure 9: Depth to Water Level (May 2016)

### 7.1.2 August 2016

Total number of well analyzed are 1018. A perusal of map in Fig-10 & Appendix I reveals a wide variation of ground water level during the monitored period of August, 2016 in Rajasthan State. It varies from 0.03 mbgl (Chandujikaguda in Banswara district) to 120.46mbgl (at Kathora in Jaisalmer district). The water levels of more than 40 mbgl have been recorded at 18.37% of monitored stations in large patches extended from north east to western and upper central part, covering major parts of Jhunjhunu, Sikar, Bikaner, Jalore, Jaipur, Churu, Jaisalmer, Barmer, Alwar and Jodhpur Districts. Depth to water level between 20 to 40 mbgl has been recorded in 17.49% of monitored stations, stretching from north east to western part of the State, covering major parts of Nagaur, Alwar, Barmer, Dausa, Churu, Jaisalmer, Bikaner, Barmer, Jalore, Bharatpur and Ganganagar Districts. The water level vary from 10 to 20 mbgl in 16.11% of monitored stations spread in all the districts except Banswara, Dungarpur, Udaipur, Bundi, Bikaner, Kota, Jhalawar & Pratapgarh district. The depth to water level ranging from 5 to 10 mbgl has been recorded at 14.83% of monitored stations falling in all the districts of southern & south-eastern part i.e east of Aravllis. The water level ranging between 2 to 5 mbgl has been observed at 14.34% of monitored stations covering south, south east and isolated patches in northern part of State. Shallower water level of less than 2 mbgl have been seen at 18.86% of stations occurring in Banswara, Dungarpur, Pratapgarh, Udaipur, Rajsamand, Pali, Baran, Kota & Tonk districts.

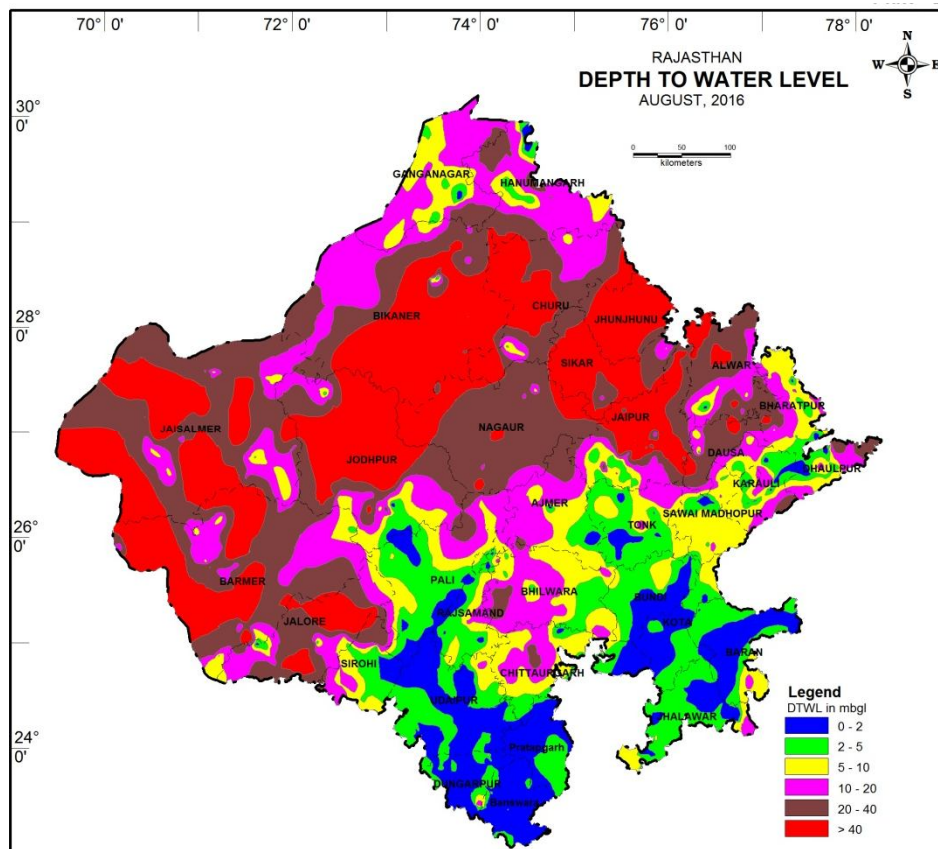


Figure 10: Depth to Water Level (August 2016)



### 7.1.3 November 2016

Total number of wells analysed are 998. Perusal of the map (Fig-11 & Appendix I) shows wide variation in ground water level during the post monsoon period in the State of Rajasthan, which varied from 0.12 m at Chirwa in Udaipur district to 122m at Sadhsar in Bikaner district. Large patches of water levels of more than 40 mbgl have been recorded in 18.54% stations representing north east-central and western part of the state, extending from north east to western part covering major parts of the districts of Barmer, Bikaner, Churu, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Nagaur, Sikar and in small patches in Alwar, Bharatpur and Jodhpur districts. Depth to water level between 20 & 40 mbgl. have been recorded in 16.73% stations in upper central half and north east to western part of the state in stretches in most of the districts namely Alwar, Bharatpur, Barmer, Bikaner, Churu, Dausa, Dholpur, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Nagaur, Sikar and in small scattered patches in Ajmer, Bhilwara, Chittorgarh, Ganganagar and Karauli districts. Depth to water level between 10 & 20 mbgl. have been recorded in 18.74% stations falling mainly in all the districts except Banswara, Dungarpur, Udaipur, Jhunjhunu, Kota, Baran, Jhalawar and Pratapgarh districts. Depth to water level between 5 to 10 m bgl have been recorded in 17.33% stations in patches in all the districts except Jhunjhunu, Nagaur and Sikar district. Depth to water level between 2 & 5 mbgl have been recorded in 15.53% stations in most of the districts in small isolated pockets except Bikaner, Churu, Dausa, Jhunjhunu, Nagaur and Sikar districts. Water level less than 2 m bgl have been recorded in 13.13% stations in isolated pockets in Ajmer, Banswara, Dungarpur, Udaipur, Baran, Chittorgarh, Dhaulpur, Ganganagar, Hanumangarh, Pali, Sawai Madhopur, Sirohi and Tonk districts, covering mostly the lower south central parts of the State.

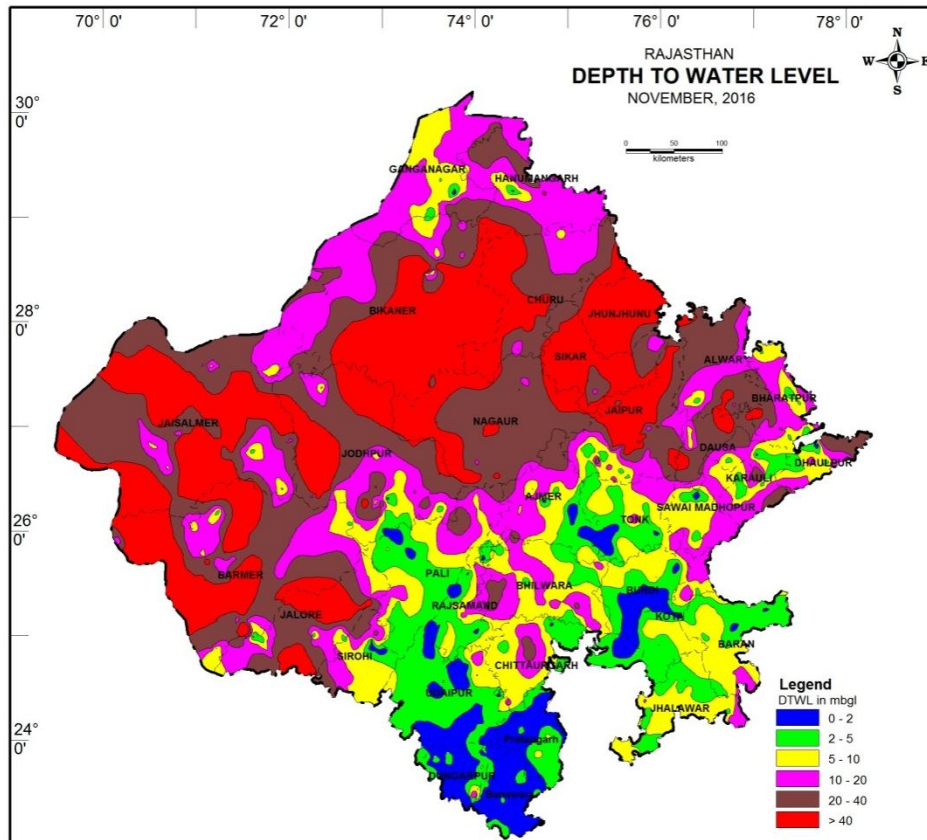


Figure 11: Depth to Water Level (November 2016)

### 7.1.4 January 2017

Total number of wells analysed are 1066. The map in Fig 12 & Appendix I show a variation of ground water level during the monitored period of January, 2017 in Rajasthan State. It varies from 0.06 mbgl at Bagidora in Banswara district to 122.1 mbgl at Sadhsar in Bikaner district. The water levels of more than 40 mbgl have been recorded in 20.64% of monitored stations in large patches extending from north east to west direction, covering major parts of Jhunjhunu, Sikar, Nagaur, Churu, Bikaner, Jaipur, Jaisalmer, Barmer and Jodhpur districts. The depth to water level between 20 & 40 mbgl has been recorded in 17.26% of monitored stations, stretching from north east to western part of the State, covering major parts of Alwar, Nagaur, Churu, Jaisalmer, Barmer, Hanumangarh, Dholpur, Dausa, districts and small patches in Ajmer, Bharatpur, Chittorgarh, Ganganagar, Karauli, Sikar and Sirohi districts. The water level vary from 10 to 20 mbgl has been recorded at 18.20% of monitored stations falling in all the districts except Jhunjhunu and Banswara. Depth to water level ranging from 5 to 10 mbgl has been recorded in 18.20% of monitored stations falling in southern Rajasthan and in isolated patches in Ganganagar & Hanumangarh districts. The water level ranging between 2 to 5 mbgl has been observed in 13.60% of monitored stations covering south, south east and isolated patches in northern part of State. Shallower water levels of less than 2 mbgl has been observed in 12.10% of monitored stations falling in Banswara, Pratapgarh, Dungarpur, Udaipur, Kota & Bundi districts and in isolated patches in Rajsamand & Pali districts.

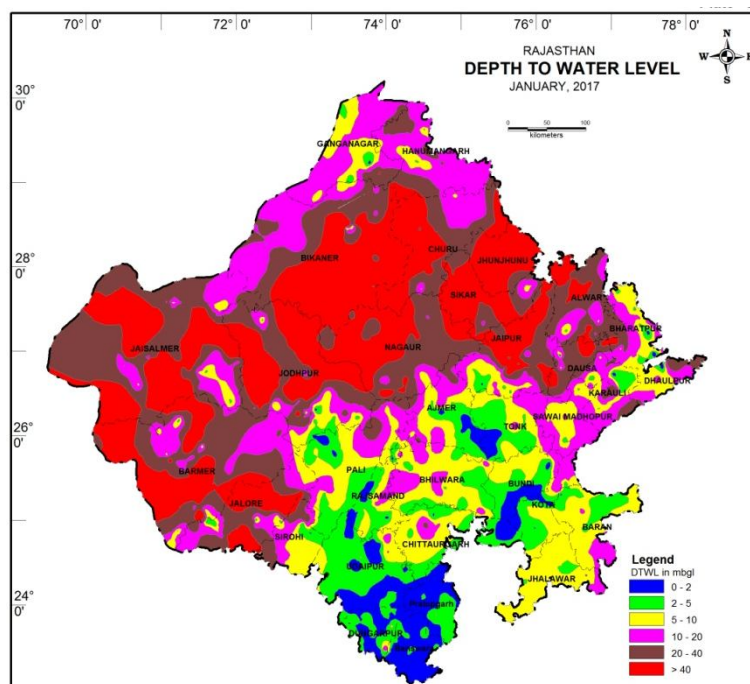
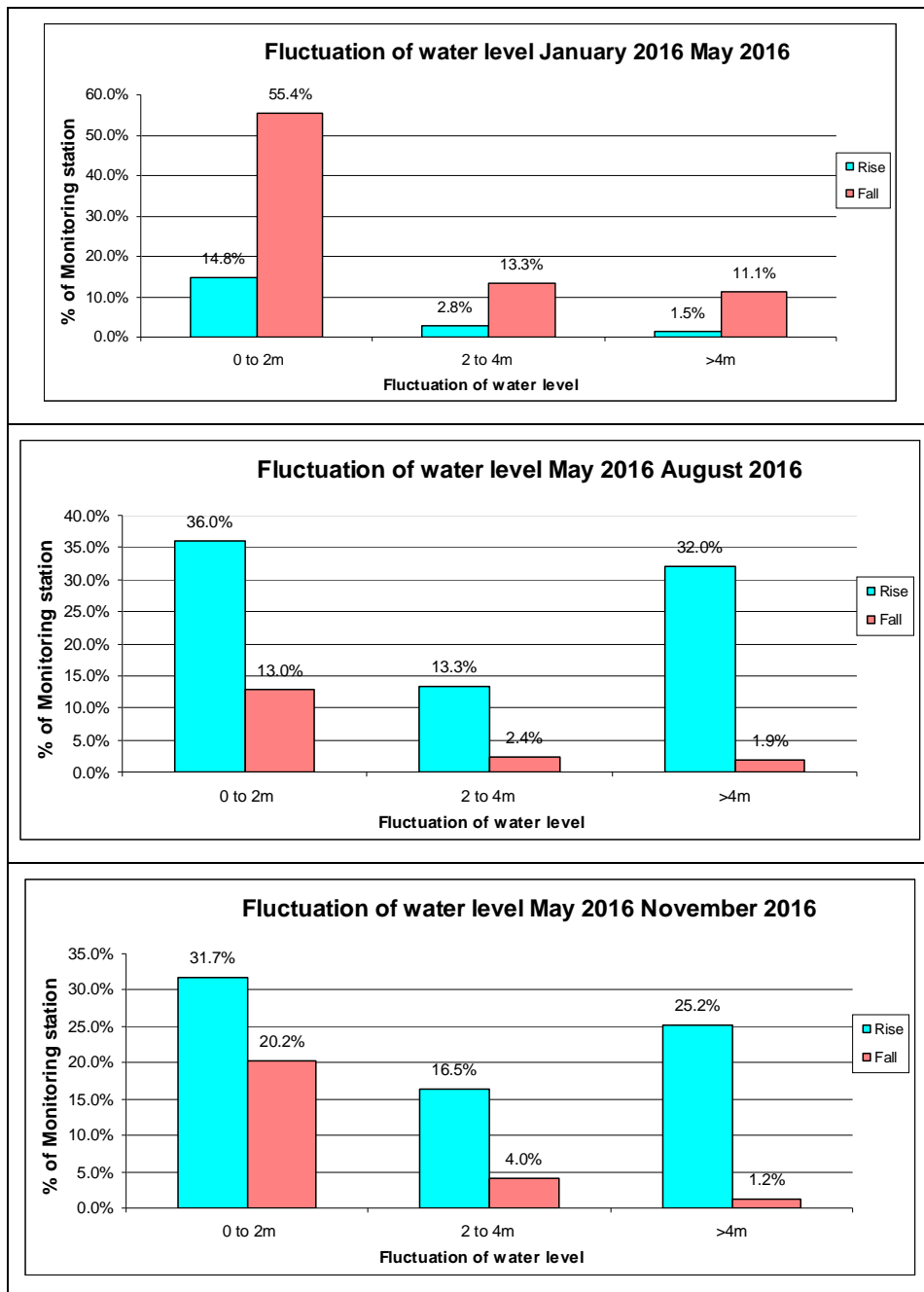


Figure 12: Depth to Water Level (January 2017)

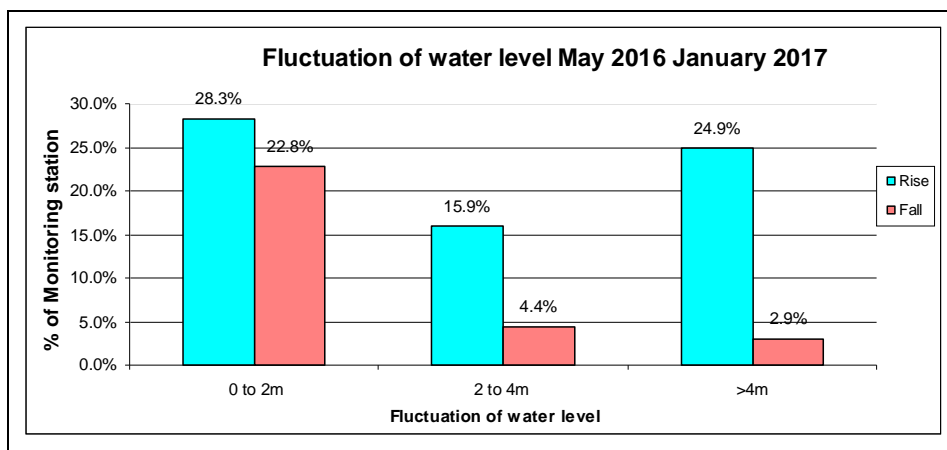
### 7.2 Seasonal Water Level Fluctuation

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 May data are studied. The change in

groundwater in the region over different periods is presented graphically in Figure 13 and Annexure V to VIII.



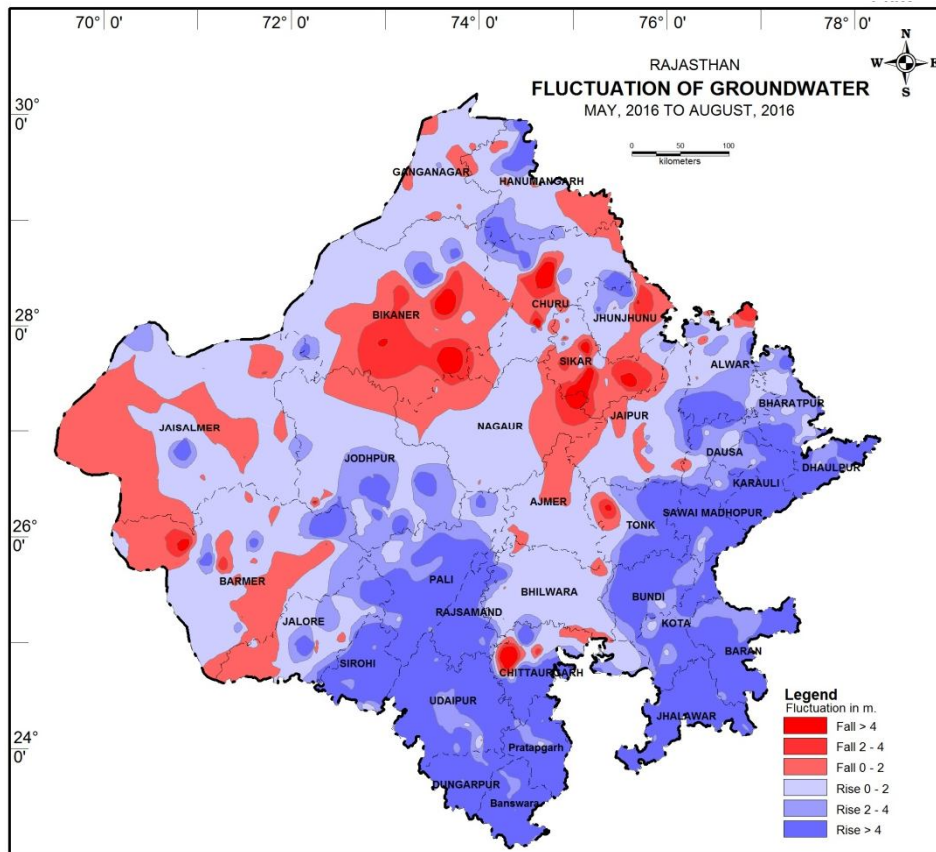




**Figure 13: Seasonal Fluctuation of Water Level (2016-2017)**

### 7.2.1 May 2016 to August 2016

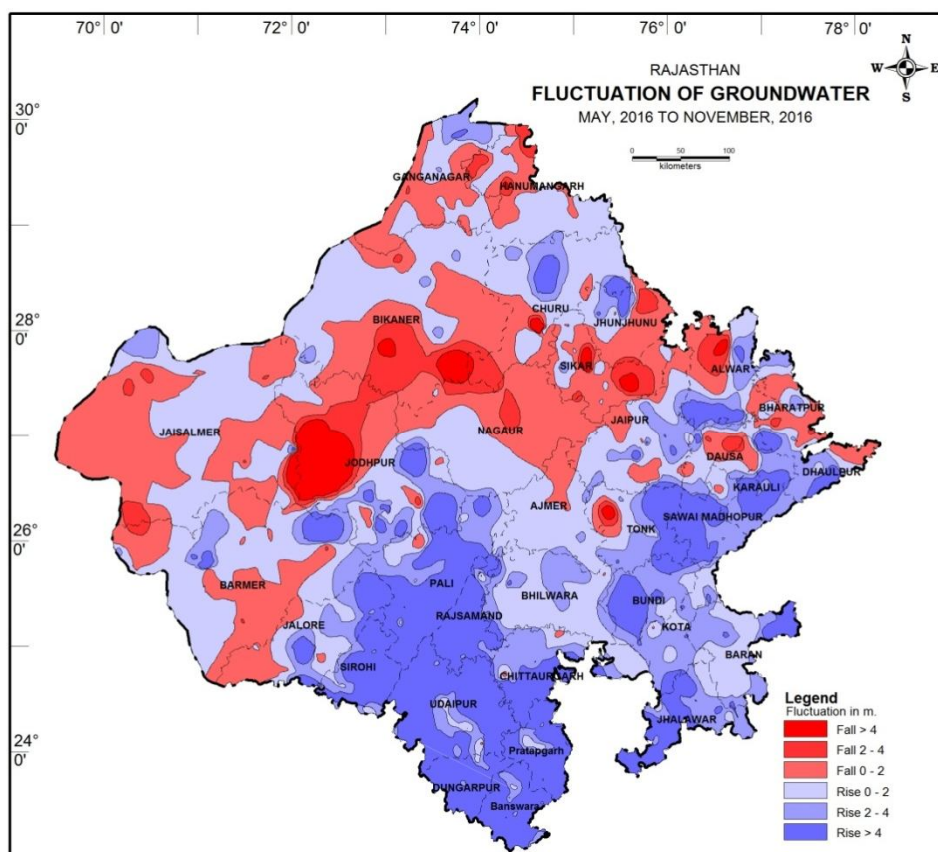
Total number of wells analysed are 848. A perusal of map (Fig-14) of seasonal fluctuation of water level from May, 2016 to August, 2016 shows that about 81.30% of the stations scattered in most of the districts in small patches have shown rise in water level during this period. The water level rise < 2m has been observed at 36% of the stations, occurring in small to large patches in all the districts except Bikaner district. The water level rise between 2 & 4m has been observed at 13.3% of the stations scattered in districts falling in northern, western & south western parts in isolated patches in all the districts, except Ajmer, Bhilwara, Sikar and Nagaur districts. The rise of water level more than 4m has been observed at 32% falling in all the districts except Ajmer, Ganganagar, Jaipur and Nagaur districts. The water level fall of 0 to 2 m has been observed at 13% except Banswara, Baran, Bundi, Dhaulpur, Dungarpur, Jhalawar, Karauli, Kota, Pali, Pratapgarh, Rajsamand and Sirohi districts. The water level fall of 2 to 4 m has been observed at 2.4% of stations falling in only Alwar, Barmer, Bhilwara, Bikaner, Chittaurgarh, Churu & Jhunjhunu districts. The water level fall of more than 4 m has been recorded in small isolated patches at 1.9% of stations falling in Barmer, Bikaner, Chittaurgarh Churu Jhunjhunu, Jodhpur, Sikar and Tonk District. In this period, a maximum rise of 23.10m has been recorded at Choti Sadri in Pratapgarh district, whereas minimum rise of 0.01 m at Ramthala in Tonk, Malawala in Jaipur and Bamboo in Churu district. A maximum fall of 11.86 m has been recorded at Kapasan1 in Chittorgarh district and minimum fall of 0.01 m at Gomanwali in Gaganagar; Tigaria in Jaipur; Kathora in Jaisalmer district. Thirteen stations show no change.



**Figure 14: Water Level Fluctuation – May 2016 to August 2016**

### 7.2.2 May 2016 to November 2016

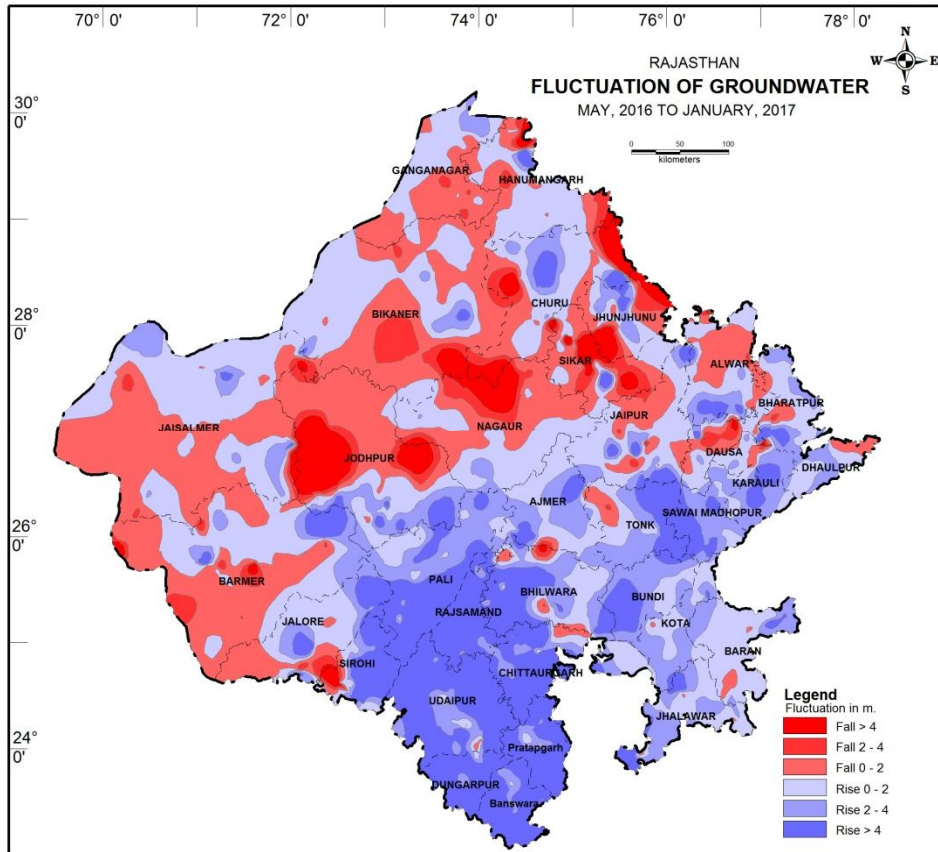
Total number of wells analysed are 826. Map (Fig – 15) shows about 73.4% of the stations observed rise of water level between the period of May, 2016 and November, 2016. South to south-eastern and northwest central parts of the state shows rise in water level. Rise in the fluctuation of water level < 2m are observed in 31.7% of the stations scattered in all the districts. Rise of 2 to 4m are observed in 16.5% of the stations scattered in isolated patches in all the districts in the state except Hanumangarh and Nagaur districts. Rise of more than 4m are recorded in 25.2% of the stations falling in isolated patches in most of the districts in the State except Ajmer, Hanumangarh, Nagaur and Sikar districts. East-west and central parts in the state mostly experienced decline in water level. About 20.2% of the stations shows fall of < 2m, scattered in most of the districts except Banswara, Baran, Bundi, Dungarpur, Jhalawar, Pratapgarh and Sirohi districts. Fall of 2 to 4 m are observed in 4% of stations in small patches in Barmer, Bharatpur, Bikaner, Dausa, Ganganagar, Hanumangarh, Jaisalmer, Jhunjhunu, Jhodhpur, Nagaur and Sikar districts. Fall of more than 4 m occurs in the isolated patches in 1.2% of stations and scattered only in Alwar, Bharatpur, Bikaner, Churu, Hanumangarh, Jodhpur, Sikar and Tonk districts. A maximum rise of 27.32m is recorded at Posaliya, Sirohi district whereas minimum rise of 0.01 m is recorded at Chhipa Barod in Baran. A maximum fall of 11.06m is recorded at Sabalpura in Sikar district and minimum fall of 0.01m is at Baishakhi in Jaisalmer district. Ten stations show no change.



**Figure 15: Water Level Fluctuation – May 2016 to November 2016**

### 7.2.3 May 2016 to January 2017

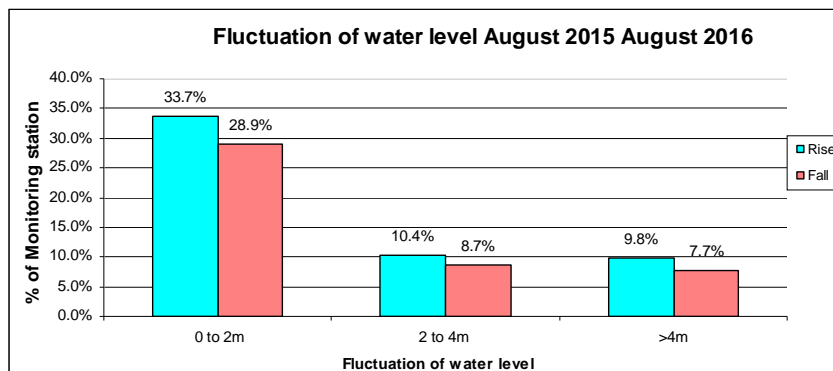
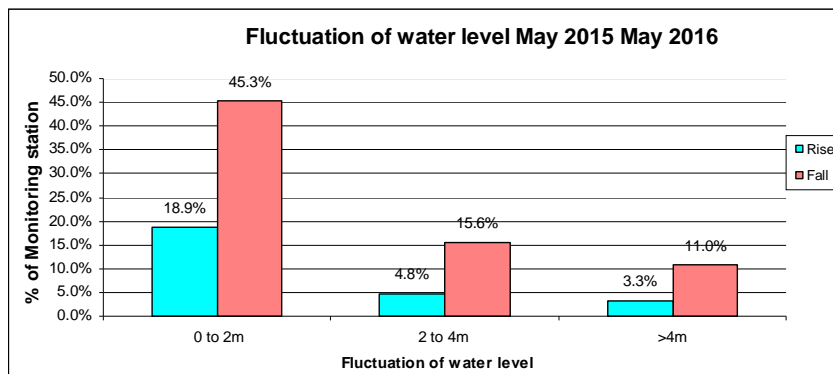
Total number of wells analysed are 859. A perusal of map (Fig 16) of seasonal fluctuation of water level from May, 2016 to January, 2017 depicts that about 69.10% of the stations scattered in most of the districts have shown rise in water level during this period. The water level rise <2m has been observed at 28.3% of the stations, occurring in large patches in Bundi, Hanumangarh, Churu, Kota, Pali, Ganganagar, Tonk, Sikar, Baran, Bikaner and Bharatpur districts. The water level rise between 2 & 4m has been observed at 15.9% of the stations scattered in all the districts except Sikar districts. About 24.9% of stations scattered in all the districts except Dhaulpur, Ganganagar and Nagaur districts, rise of water level more than 4m has been seen during this period. The water level fall ranging between 0 to 2m has been observed at 22.8% of the stations scattered in all the districts except Ajmer, Banswara, Dungarpur, Pratapgarh and Sirohi district. The water level fall of 2 to 4 m has been observed at 4.4% of stations scattered in patches in all districts except Banswara, Baran, Bundi, Chittaurgarh, Dhaulpur, Dungarpur, Jalore, Jhalawar, Karauli, Kota, Pali, Pratapgarh, Rajasamand, Sawai Madhopur and Udaipur districts. The water level fall of more than 4 m has been recorded in small isolated patches at 2.9% of stations, majorly in Bikaner, Barmer, Churu, Dausa Ganganagar Hanumangarh Jaipur, Jhunjhunu, Jodhpur, Sikar and Sirohi districts. In this period, a maximum rise of 22.64m has been recorded at Choti Sadri in Pratapgarh district, whereas minimum rise of 0.02 m at Bai2 in Sikar district. A maximum fall of 20.95 m has been recorded at Bau in Sikar district and minimum fall of 0.01 m at Sewada in Jalore district during this period. Six stations show no change.

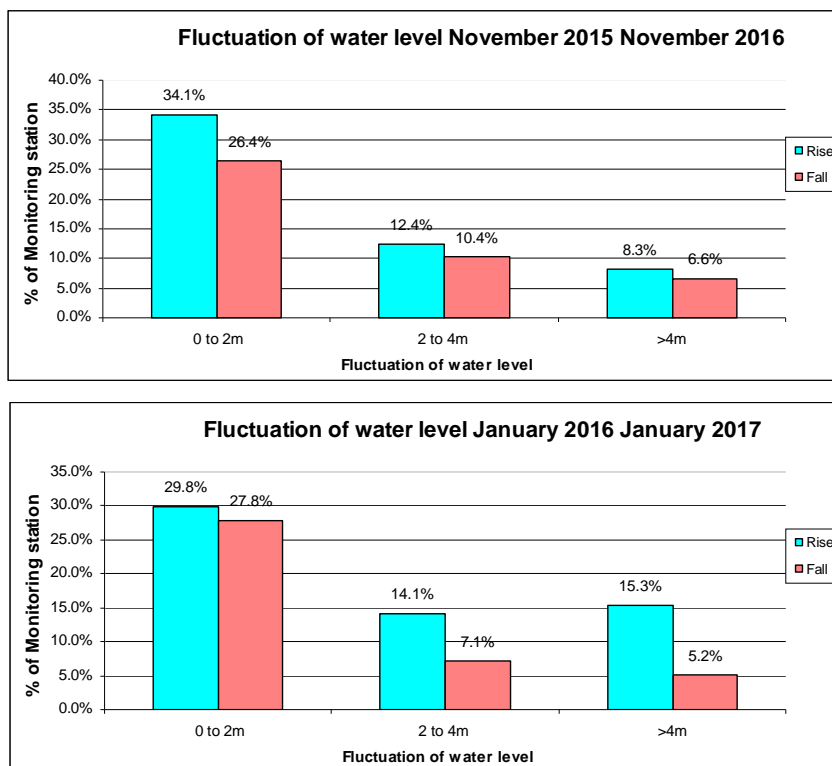


**Figure 16: Water Level Fluctuation – May 2016 to January 2017**

### 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.





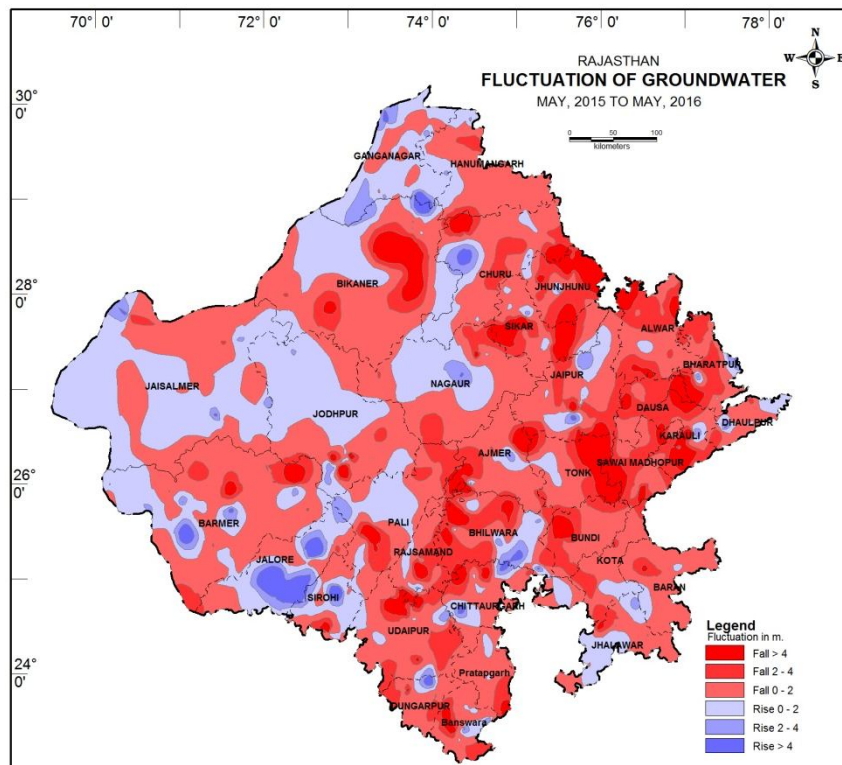
**Figure 17: Annual Fluctuation in the water levels - different monitoring periods**

### 7.3.1 May 2015 to May 2016

Total number of wells analysed are 748. A perusal of map (Fig-18) for annual fluctuation of water level from May, 2015 to May, 2016 reveals that about 27% of the stations scattered mostly in south to south-western, north western, western and west central parts of the State have shown rise in water level during this period. The water level rise <2 m has been observed at 18.9% of the stations scattered in most of the districts, majorly in Baran, Barmer, Bhilwara, Bikaner, Chittorgarh, Churu, Dhaulpur, Ganganagar, Hanumangarh, Jaisalmer, Jalore, Jhalawar, Jodhpur, Nagaur, Pali, Pratapgarh, Rajsamand, Sikar, Sirohi and Tonk districts. The rise in water level between 2 & 4m in 4.8% of the stations scattered in isolated patches only in Ajmer, Banswara, Barmer, Bhilwara, Bikaner, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Pali, Rajsamand, Sikar and Udaipur districts. The rise of water level more than 4m has been recorded at 3.3% of the stations falling mainly in Barmer, Bhilwara, Bikaner, Chittorgarh, Churu, Dholpur, Dungarpur, Ganganagar, Jalore, Nagaur and Sirohi districts. The maximum rise of 16.01 m has been recorded at Dhanwara in Jalore district and minimum rise of 0.01 m at Kasba-thana in Baran district. About 45.3% of the stations scattered in all the districts, majorly in eastern, southern, south eastern & central parts, have shown fall in water level ranging from 0 to 2 m during this period. The water level fall of 2 to 4 m has been recorded at 15.6% of stations occurring in patches in almost all the districts. The water level fall of more than 4 m has been shown by 11% of stations occurring in all the districts in isolated patches except Ganganagar, Hanumangarh, Jaisalmer, Jalore and Kota districts. The maximum fall of 22.42 m is recorded at Neema in



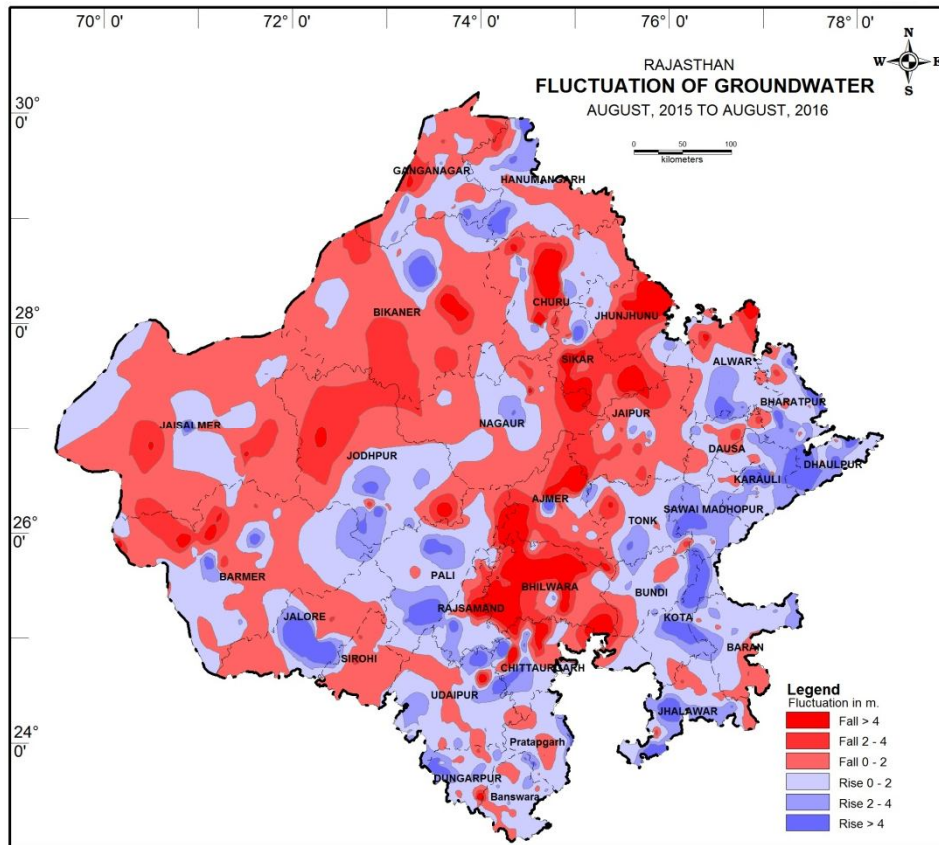
Churu district and minimum fall 0.01m at Dungargarh in Bikaner and Gaindoli in Bundi district. Eight hydrograph stations show no change.



**Figure 18: Annual Water Level Fluctuation May 2015 to May 2016**

### 7.3.2 August 2015 to August 2016

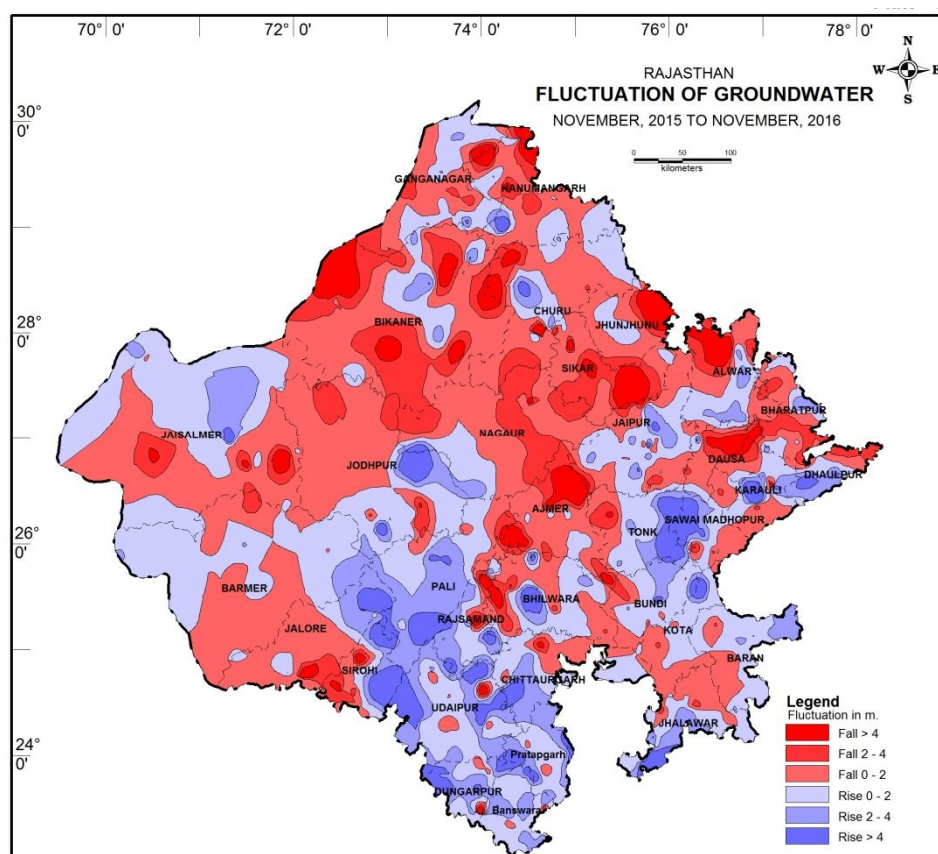
Total number of wells analysed are 789. A perusal of map (Fig-19) for annual fluctuation of water level from August, 2015 to August, 2016 reveals that about 53.9% of the stations scattered mostly in south to south-western, north western, western and west central parts of the State have shown rise in water level during this period. The water level rise of 0 to 2 m has been observed at 33.7% of the stations scattered in most of the districts mostly in Pratapgarh, Bundi, Pali, Kota, Rajsamand, Bharatpur, Jhalawar, Banswara, Tonk, Udaipur, Churu and Ganganagar districts. The rise in water level ranges from 2 to 4 m in 10.4% of the stations falling in all the districts except Ajmer & Sirohi districts. The rise of water level more than 4m has been recorded at 9.8% of the stations falling in all the districts except Baran, Bhilwara, Jhunjhunu and Sirohi districts. The maximum rise of 20.9 m has been recorded at Dhanwara in Jalore district and minimum rise of 0.02 m at Rookansar & Sekhiwar in Sikar and Rajgarh in Jailsalmer district. During the period, about 28.9% of the stations, scattered all over State mainly in eastern, southern, south eastern & central parts, shows fall in water level ranging from 0 to 2 m. The water level fall of 2 to 4 m has been recorded at 8.7% of stations occurring in patches in all the districts except Banswara, Bundi, Dhaulpur, Pali, Sawai Madhopur, Tonk & Udaipur. The water level fall of more than 4 m has been shown by 7.7% of stations covering major parts of Bhilwara, Ajmer, Chittaurgarh, Jhunjhunu, Sikar and Tonk districts. The maximum fall of 19.70 m is recorded at Pipli in Jhunjhunu district and minimum fall 0.01m at Surwania in Banswara, Odan in Rajsamand and Suranwali in Ganganagar district. Six stations show no change.



**Figure 19: Annual Water Level Fluctuation August 2015 to August 2016**

### 7.3.3 November 2015 to November 2016

Total number of wells analysed are 800. A perusal of map (Fig-20) exhibits that about 54.8 % of the stations shows rise in water level in patches scattered in almost all the districts. Rise in the water level < 2m are observed in 34.1% of the stations scattered in isolated patches in all the districts. Rise of 2 to 4m are observed in 12.4% of the stations scattered in most of the districts except Ajmer, Dausa, Nagaur, Sikar, Barmer, Jodhpur & Jalore districts. Rise of more than 4m are observed in 8.3% of the stations scattered in patches in Banswara, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jodhpur, Karauli, Kota, Pali, Pratapgarh, Rajsamand, Sawai Madhopur, Sirohi, Tonk and Udaipur districts. The maximum Rise in water level of 15.85m is recorded at Purabsur in Hanumangarh district and minimum Rise of 0.01m at Bhopalpura in Ganganagar district. Fall in water level are mainly in the range of 0 to 2 m and observed in 26.4% of the stations scattered in all the districts in the State. Decline of 2 to 4m are observed in 10.4% stations shown in isolated patches scattered mostly in all the districts except in southern & south-eastern part of the State. Fall of more than 4m are recorded in small isolated patches in 6.6% stations falling in Ajmer, Nagaur, Dausa, Sikar, Jhunjhunu, Bikaner & Churu districts. The maximum decline in water level of 18.28m is recorded at Pipli in Jhunjhunu district and minimum decline of 0.03m is recorded at Dholipal in Jaisalmer district. Fifteen stations show no change.



**Figure 20: Annual Water Level Fluctuation November 2015 to November 2016**

### 7.3.4 January 2016 to January 2017

Total number of wells analysed are 828. A perusal of map (Fig-21) representing annual fluctuation of water level from January, 2016 to January, 2017 reveals that about 59.20% of the stations scattered mostly in south to south-western, north western, western and west central parts of the State have shown rise in water level during this period. The water level rise of 0 to 2 m has been observed in 29.8% of the stations falling in east of Aravallis in southern & south-eastern half. The water level rise ranging from 2 to 4 m has been shown by 14.1% stations scattered all over the districts, mostly in Banswara, Dungarpur, Pratapgarh, Udaipur, Chittorgarh, Rajsamand, Pali, Bhilwara, Ajmer, Tonk, Sawai Madhopur, Karauli & Dhaulpur districts. The rise of water level more than 4m has been recorded at 15.3% of the stations falling in all the Banswara, Dungarpur, Pratapgarh, Udaipur, Chittorgarh, Rajsamand, Pali, Bhilwara, Ajmer, Tonk, Sawai Madhopur, Karauli & Dhaulpur districts. The maximum rise of 24.26 m has been recorded at Purabsar in Hanumangarh district and minimum rise of 0.01 m at Rewali in Barmer district & 6PB in Bikaner district. About 27.8% of the stations scattered in all the districts, mostly in eastern & central parts, have shown fall in water level ranging from 0 to 2 m during this period. The water level fall of 2 to 4 m has been recorded at 7.1% of stations occurring in patches in all the districts except Banswara, Bundi, Chittorgarh, Dungarpur, Jalore, Kota, Pali, Pratapgarh, Rajsamand, Sawai Madhopur, Sirohi & Udaipur districts. The water level fall of more than 4 m has been shown by 5.2% of stations occurring in patches in Sirohi, Barmer, Jaisalmer, Jodhpur, Nagaur, Bikaner,



Sikar, Jhunjhun, Alwar & Dausa districts. The maximum fall of 28.25 m is recorded in Alwar district and minimum fall 0.02m at Dhirera\_Pz in Bikaner, at Bolanwali in Hanumangarh district & at Datal Gurjan in Jaipur district. Five stations show no change.

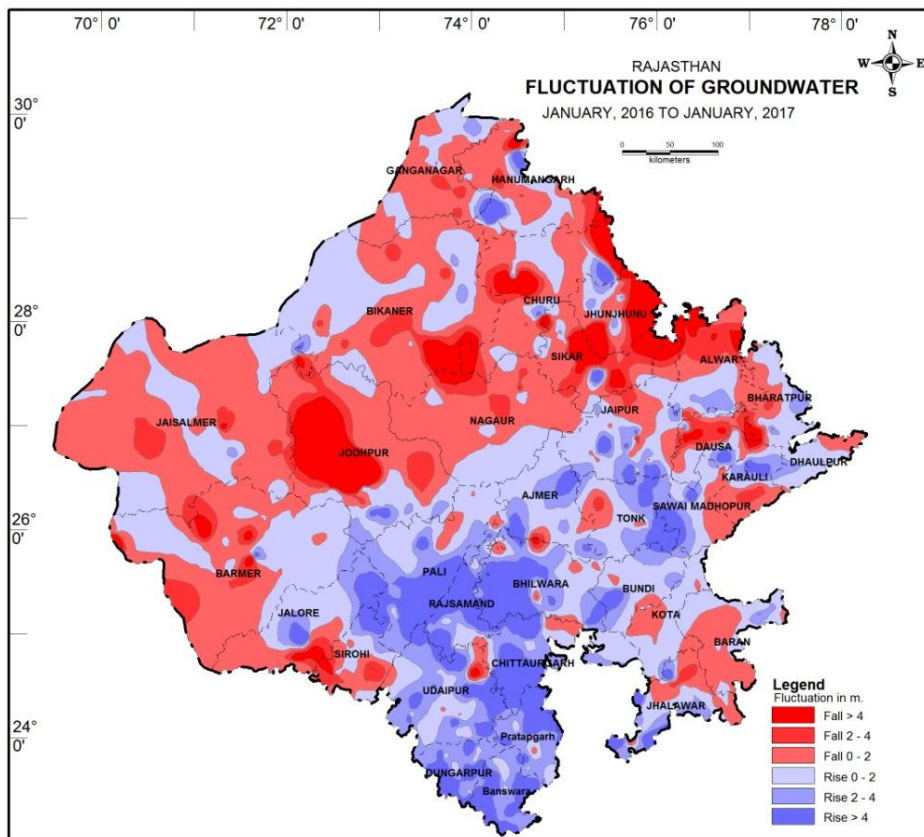
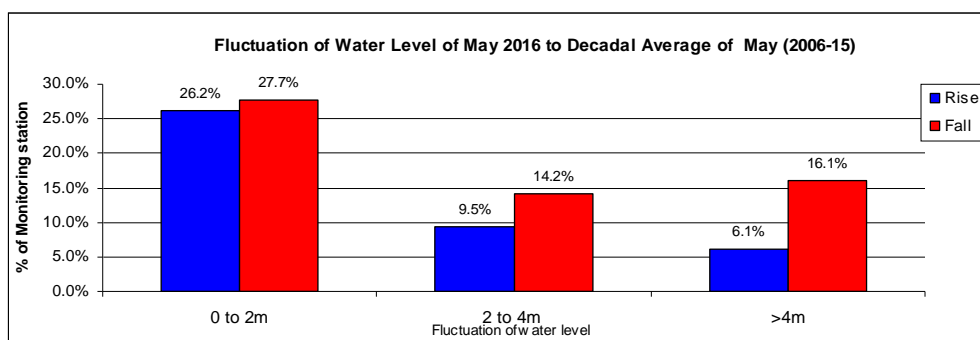
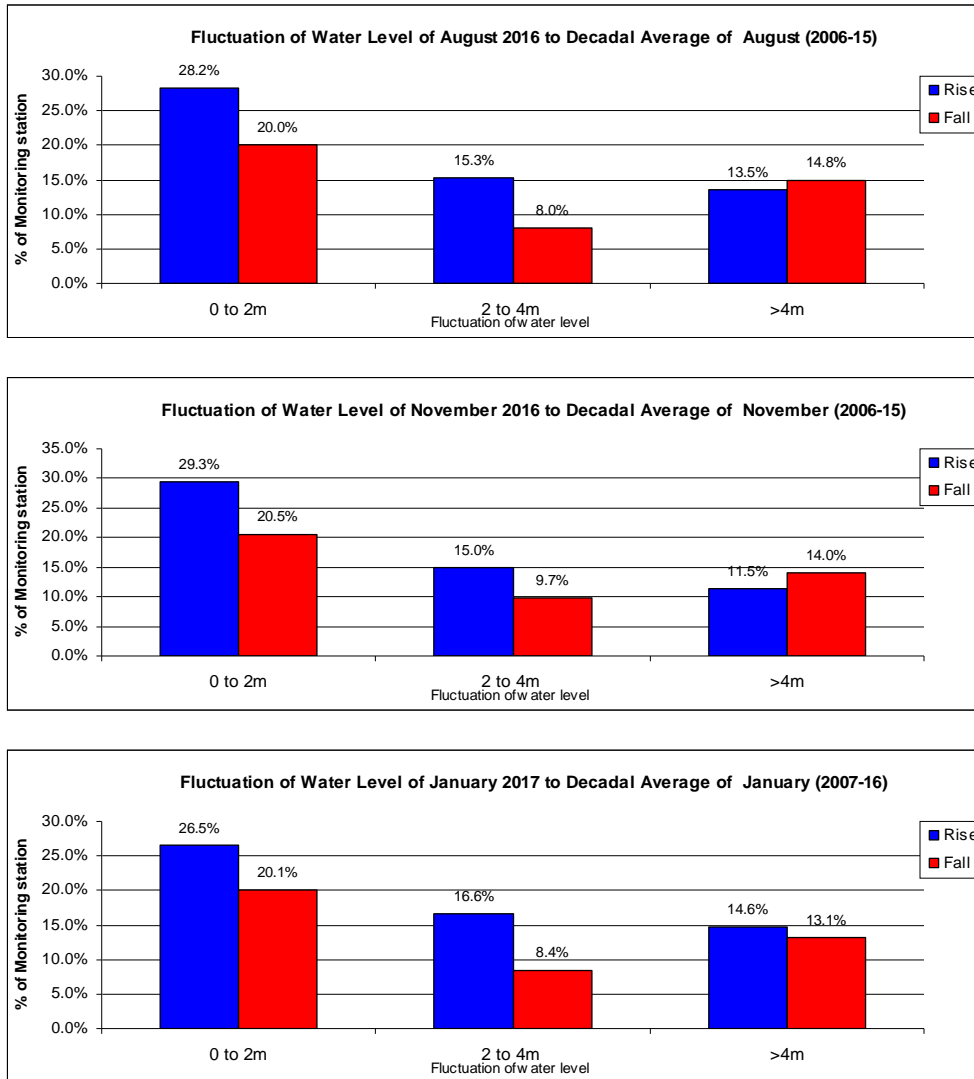


Figure 21: Annual Water Level Fluctuation January 2016 to January 2017

#### 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. This figure shows a comparison of the changes of the water levels during different seasons with their respective decadal averages (Appendix II). It is noticed that the rise mostly dominates over the fall.



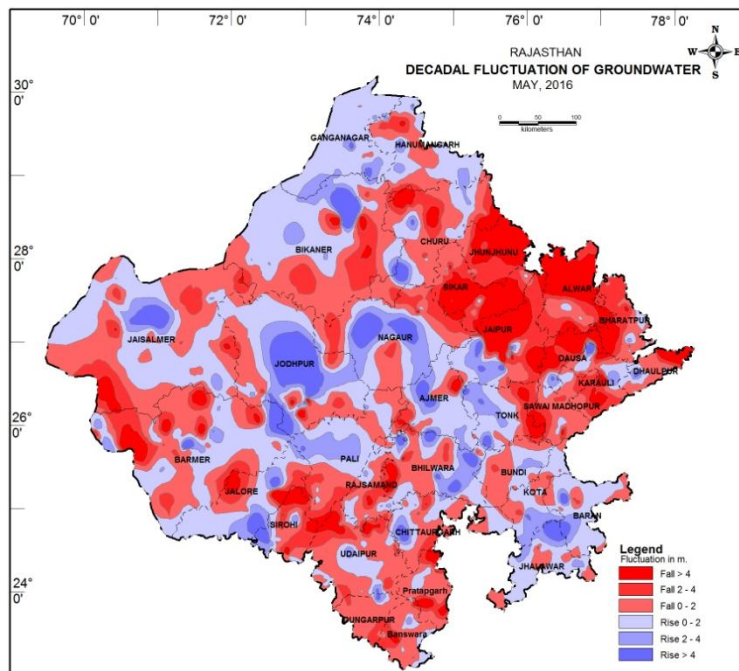


**Figure 22: Decadal Water Level Fluctuation**

#### 7.4.1 Decadal average of May (2006 to May 2015) to May 2016

Total number of wells analysed are 846. A comparison of the water level of May, 2016 with the mean of water levels from May, 2006 to May, 2015 (Fig 23) reveals that 41.80% of stations have shown rise in water level in Rajasthan State. The rise is mainly in the northern to south-east central and west central parts of the State. The rise of water level ranging from 0 to 2m has been observed at 26.2% of stations in isolated locations in almost all the districts except Alwar, Sikar & Jhunjhunu districts. The water level rise of 2 to 4 m has been recorded at 9.5% of stations in isolated locations in Ajmer, Bikaner, Bundi, Chittorgarh, Ganganagar, Hanumangarh, Jhalawar, Jodhpur, Pali, Rajsamand, Tonk, Udaipur and in very small patches in Banswara, Baran, Barmer, Bharatpur, Bhilwara, Churu, Dungarpur, Jaipur, Jaisalmer, Jalore, Kota and Sirohi districts. Rise in water level of more than 4m has been shown by 6.1% of stations occurring as patches in northern to south-eastern, central, north-western, south-western & south eastern parts. The maximum rise of 32.13 m has been recorded at Lalera in Bikaner district and minimum rise of 0.02 m at Urpuria in Baran and Kuchera in Nagaur districts. The fall in water

level in May, 2016 as compared to mean water level from May, 2006 to May, 2015 has been recorded at 58% of stations occurring mainly in north eastern, eastern, west & south central, southern and in isolated patches in south western parts of State. The water level fall of 0 to 2 m has been observed at 27.7% of stations at isolated location in almost all the districts. Decline of 2 to 4m has been recorded at 14.2% of stations occurring as small pockets in most of the districts except northern & south-eastern part. The fall of water level more than 4 m has been shown by 16.1% of stations at isolated locations in all the districts except Baran, Bundi, Dungarpur, Ganganagar, Jhalawar, Kota, and Pali. The maximum fall of 28.35 m has been recorded at Pipli in Jhunjhunu district, whereas the minimum fall of 0.02 m at Rohalsobhsar in Sikar district. Three stations show no change.

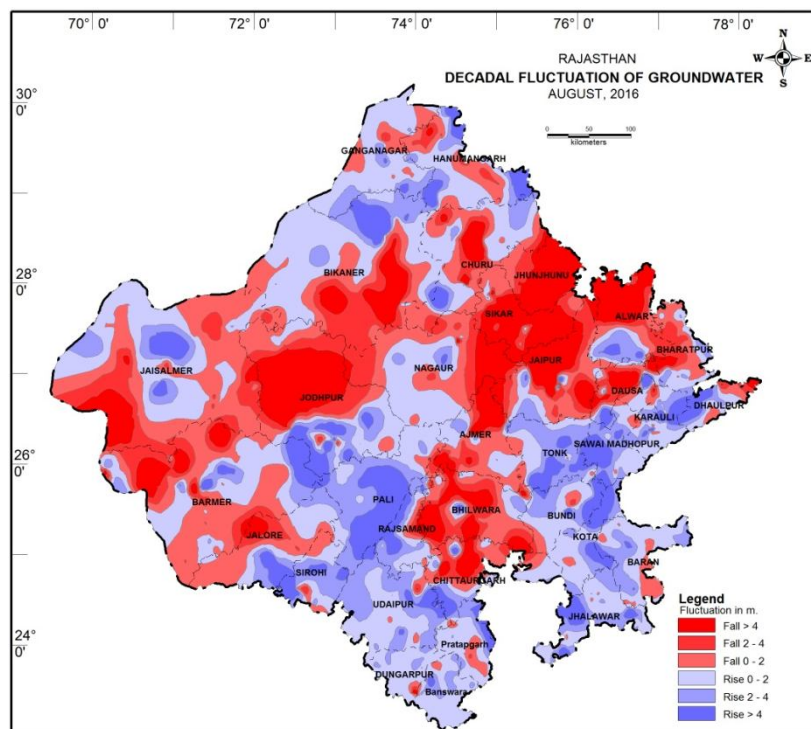


**Figure 23: Decadal Water Level Fluctuation –Average May to May 2016**

#### 7.4.2 Decadal average of August (2006 to 2015) to August 2016

Total number of wells analysed are 871. A comparison of the water level of August, 2016 with the mean of water levels from August, 2006 to August, 2015 (Fig 24) reveals that 57% of stations have shown rise in water level in Rajasthan State. The rise is mainly in the northern, southern, south-eastern, and west central parts of the State. The rise of water level ranging from 0 to 2m has been observed at 28.2% of stations at isolated locations in all the districts except in central part of the state. The water level rise of 2 to 4 m has been recorded at 15.3% of stations occurring in all the districts except Bhilwara, Jalore, Jhunjhunu, Jodhpur and Sikar districts whereas water level rise of more than 4 m has been shown by 13.5% of stations at isolated patches in all the districts. The maximum rise of 26.15 m has been recorded at Lalera in Bikaner district and minimum rise of 0.01 m at Dara in Kota and Baroda in Dungarpur district. The fall in water level in August, 2016 as compared to decadal mean has been recorded at 42.8% of stations occurring mainly in north eastern, eastern, west & south central, southern and in

isolated patches in south western parts of State. Decline in water level <2 m has been observed at 20% of stations occurring in all the districts, whereas fall between 2 & 4m has been recorded at 8% of stations occurring as small pockets in most of the districts except Banswara, Baran, Dungarpur, Jhalawar, Karauli, Kota, Pali, Sirohi and Tonk districts. The fall of water level more than 4 m has been shown by 14.8% of stations occurring in all the districts except Banswara, Baran, Bundi, Jhalawar, Kota, and Pali, Pratapgarh, Sawai Madhopur and Tonk district. The maximum fall of 30.77 m has been recorded at Pipli in Jhunjhunu district, whereas the minimum fall of 0.03 m at Bisalpur in Jodhpur; Ghantiyali in Jaisalmer; Bhopalpura in Ganganagar and Bhojasar in Churu district. One station shows no change.



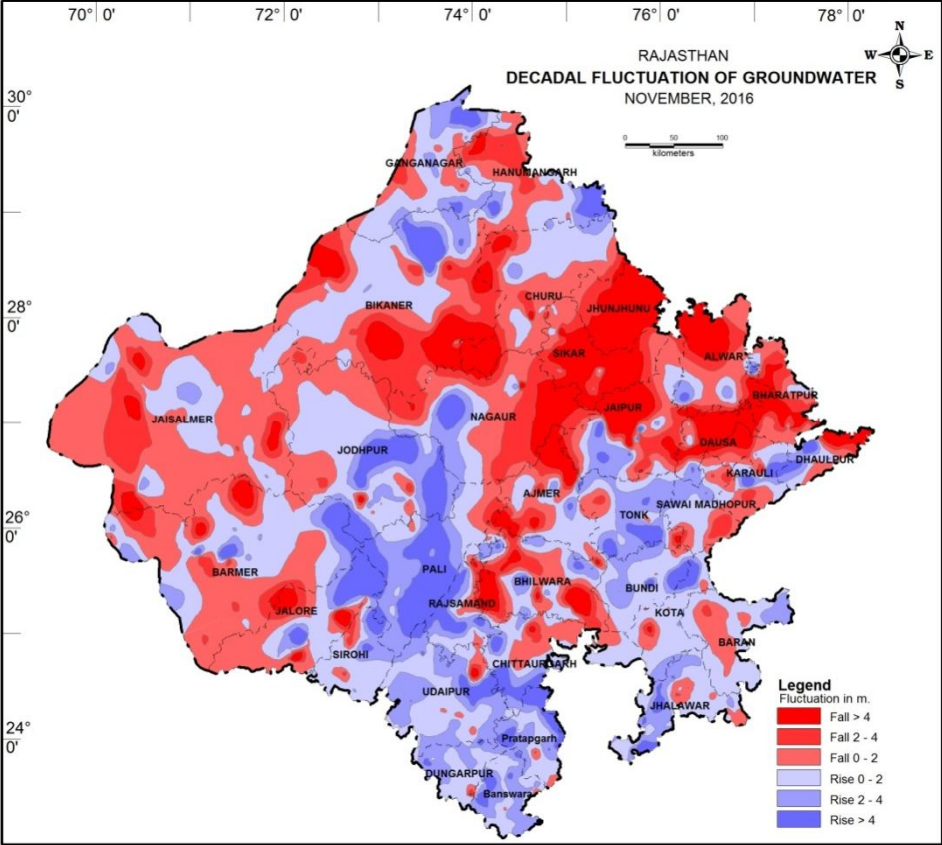
**Figure 24: Decadal Water Level Fluctuation –Average August to August 2016**

### 7.4.3 Decadal average of November (2006 - 2015) to November 16

Total number of wells analysed are 873. A comparison of the water level of the November, 2016 with the average water level of the November for last decade (Fig-25) reveals that rise in water level is experienced in 55.8% of stations analysed in the State. Rise is mainly in the northern to south-east central and west central parts of the state. Rise is mostly in the range of 0-2m (29.3%) 2 to 4m (15%) and more than 4m (11.5%). Rise of 0 to 2m are observed in all the districts except Jhunjhunu, Sikar districts. Rise of 2 to 4m are observed in all the districts in patches except Bharatpur, Jhunjhunu and Sikar districts. Whereas rise of more than 4 m are observed in patches in most of the districts, except Baran, Churu, Jhunjhunu and Sikar district. The maximum rise of 32.54m is recorded at Lalera in Bikaner district, whereas minimum rise of 0.04m is recorded at Sawaipur in Bhilwara district. Fall in water level are mainly recorded in the north-east to lower and upper west central parts in the State. Fall is experienced in 44.1% of stations analysed in the State. Fall is mostly in the range of 0-2 m (20.5%) 2 to 4m (9.7%) and more than 4m (14.0%). Fall <2m is



observed in all the districts except Dungarpur and Jhunjhunu districts. Whereas fall of 2 to 4m is observed in small pockets in most of the districts except Banswara, Bundi, Dhaulpur, Dungarpur, Jalore, Kota, Rajsamand and Udaipur districts. Fall of more than 4m are observed in patches in all the districts in the State except Banswara, Baran, Bundi, Ganganagar, Jhalawar, Pali, Pratapgarh, Sawai Madhopur and Sirahi districts. The maximum fall of 31.08m is recorded at Pipli in Jhunjhunu districts whereas the minimum decline of 0.01 m is observed at Mandapia RS in Bhilwara and Mayathiwala in Jaisalmer districts.

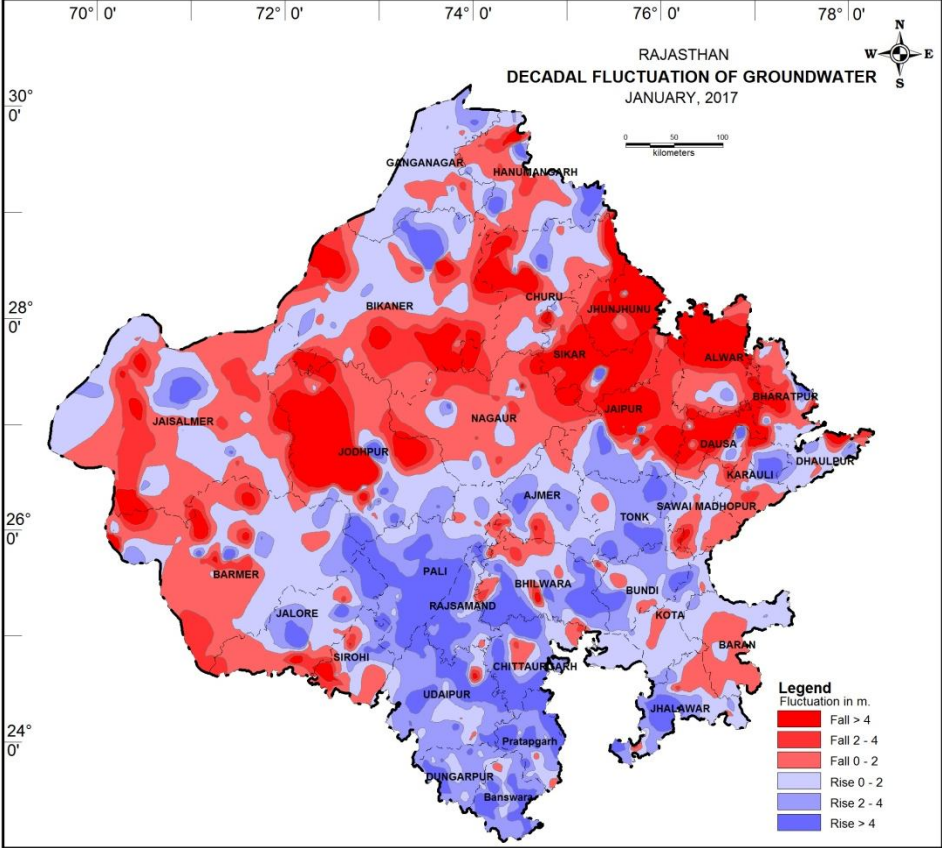


**Figure 25: Decadal Water Level Fluctuation –Average Nov to Nov 2016**

**7.4.4 Decadal average of January (2007 - 2016) to January 2017**

Total number of wells analysed are 937. A comparison of the water level of January, 2017 with the mean of water levels from January, 2007 to January, 2016 (Fig-26) reveals that 57.7% of stations have shown rise in water level in Rajasthan State. The rise of water level <2m has been observed at 26.5% of stations occurring in all the districts, mostly in Ganganagar, Ajmer, Kota, Baran, Bikaner, Jodhpur and Sawai Madhopur districts. The water level rise of 2 to 4 m has been recorded at isolated locations in all the districts, mostly in Dungarpur, Banswara, Ajmer, Pali, Tonk, Udaipur and Jhalawar, whereas water level rise of more than 4m has been shown by 14.6% of stations occurring in patches in all the districts except Alwar, Baran, Dausa, Jhunjhunu and Sawai Madhopur. The maximum rise of 25.38 m has been recorded at Lalera in Bikaner district and minimum rise of 0.01 m at Ramgarh2 in Ajmer district and Rewali in Barmer district. The fall in water level in January, 2017 as compared to mean water level from January, 2007 to January, 2016 has been recorded at 41.6% of stations. The water level fall of 0 to 2 m has

been observed at 20.1% of stations occurring in all the districts except in Dungarpur district, whereas fall of 2 to 4m has been recorded at 8.4% of stations occurring as small pockets in most of the districts except Banswara, Baran, Bundi, Churu, Dungarpur, Kota, Pali and Udaipur. The fall of water level more than 4 m has been shown by 13.1% of stations occurring in all the districts except Banswara, Baran, Bundi, Chittorgarh, Dungapur, Jhalawar, Kota, Nagaur, Pali, Pratapgarh and Rajsamand. The maximum fall of 37.09 m has been recorded at Neemrana in Alwar district, whereas the minimum fall of 0.03 m at Girdhapura in Kota district. Six stations show no change.



**Figure 26: Decadal Water Level Fluctuation –Average Jan to Jan 2017**

**8. Hydrochemistry**

For the evaluation of Hydro-Chemical status and distribution of various chemical constituents in Ground water of Rajasthan state, 661 water samples were collected from NHS during pre-monsoon, 2016, out of these 646 samples were chemically analyzed in chemical laboratory. The detailed chemical analysis results of 646 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 (if Mg does not exceeds 30ppm)	Causes stomach disorder.
4	Nitrate	45	-	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	0.3	No relaxation	Bitter sweet taste, staining of laundry, trace is essential for nutrition.

Table 7: Distribution of Major constituents in Rajasthan, 2016

Limit	CONSTITUENTS IN PERCENT								
	TDS	Cl	SO4	F	NO3	TH	Ca	Mg	Fe
Acceptable Limit	19.89	60.24	71.55	58.49	65.53	23.20	64.92	35.54	64.88
Permissible Limit	57.58	28.54	16.30	16.87		59.38	30.26	51.33	
Beyond Permissible Limit	22.54	11.22	12.15	24.64	34.47	17.41	4.82	13.13	35.12

## 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.

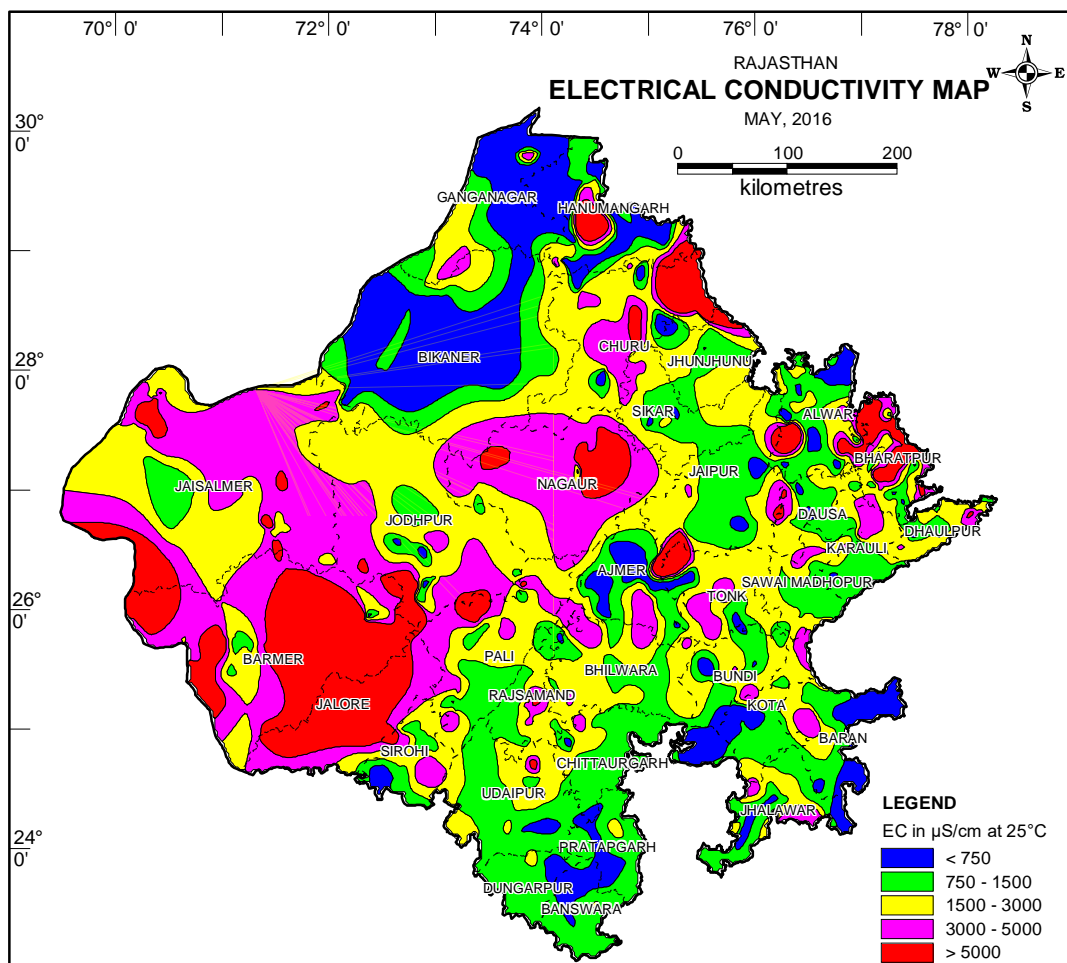


Figure:- 27. Distribution of Electrical Conductance –May 2016

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 646 water samples analysed, 19.05% samples have EC values less than 750  $\mu\text{S/cm}$ , 31.55 % in the range of 750-1500  $\mu\text{S/cm}$ , 26% in the range of 1500-3000  $\mu\text{S/cm}$ , 23.39% have more than 3000  $\mu\text{S/cm}$ . Distribution of Electrical Conductivity of Ground Water is shown in Fig. – 27. A perusal of map and data, shows that in the districts of Jalore 100%, Nagaur 81.25%, Barmer 53.84%, Churu 47.82%, Jaisalmer 44.74% Pali 38.89%, Jodhpur 37.93%, Ajmer 30.77 & Dausa 30.77% samples have EC values in the range of 3000-26900  $\mu\text{S/cm}$  i.e. Beyond Permissible Limit. Minimum value of EC has been found at Satur (Bundi) as 190  $\mu\text{S/cm}$  and maximum value as 26900  $\mu\text{S/cm}$  Dasuk in Ajmer 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.

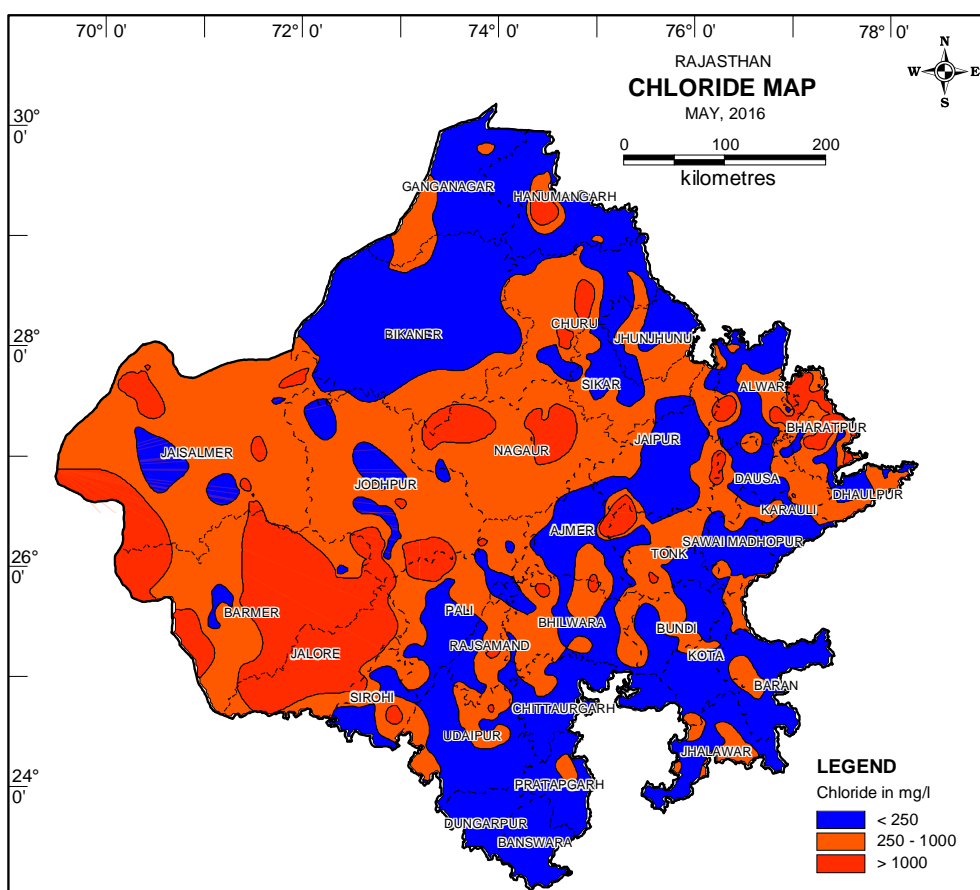


Figure:- 28- Distribution of Chloride May 2016.

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. It is the cation associated with chloride that has usually harmful effects on human body. Individual affected by heart and kidney disease should restrict water consumption with a high chloride concentration.

Out of 646 sample analysed, 11.22% have chloride value beyond permissible limit of 1000 mg/L, 28.54% within permissible limit and 60.24% samples are within Acceptable limit. In Jalore (100%) Nagaur (43.75 %) Barmer (38.46%) & Bharatpur (37.50) districts, chloride value is beyond permissible limit. In Chittorgarh, Jhunjhunu Banswara, Baran, Bundi, Dungarpur, Ganganagar, Kota, Pratapgarh, Bikaner, Dholpur & Sikar districts, none of the sample shows chloride value beyond permissible limit. Maximum value of chloride (9397 mg/L) at Deeg, Bharapur district and minimum value (13 mg/L) is observed at Datal Gujran, Jaipur district. Distribution of Chloride in Ground Water of Rajasthan is shown in Fig. - 28.

### **8.2.3 Sulphate (SO<sub>4</sub>)**

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 when associated with high concentration of Magnesium and sodium ions, acts as laxative and may cause gastric disorders. In all, 71.55% of samples are within Acceptable limit, 16.30% within permissible limit and 12.15% samples are beyond permissible limit. In Jaisalmer (47.37%), Barmer (38.46%), Bharatpur (32.50%), Nagaur (31.25%) and Pali (22.22%) districts, water samples have Sulphate value beyond 400 mg/l. Minimum value of sulphate (3.0 mg/L) at Gajwara in Jhalawar district and maximum (4380 mg/L) has been observed at Majri khurd in Alwar district.

### **8.2.4 Nitrate (NO<sub>3</sub>)**

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 cardio vascular system.

Barmer, Churu , Jalore, Nagaur, Jhodhpur, Sikar, Jaisalmer, and Sirohi districts are worse affected with nitrate concentration as more than 50 % of samples have nitrate values beyond permissible limit. Bhilwara, Rajsamand & Karauli Districts have nitrate contamination between 40 & 50 %. Around 65.53% of samples have nitrate values within Acceptable limit & remaining 34.47% samples have nitrate value beyond permissible limit. The minimum value of nitrate in Rajasthan has been observed as 0.0 mg/L in Dasuk in Ajmer districts. The maximum value of nitrate as 3640 (mg/L) has been observed at Rawatsar in Hanumangarh district. Distribution of Nitrate is shown in Fig. 29.

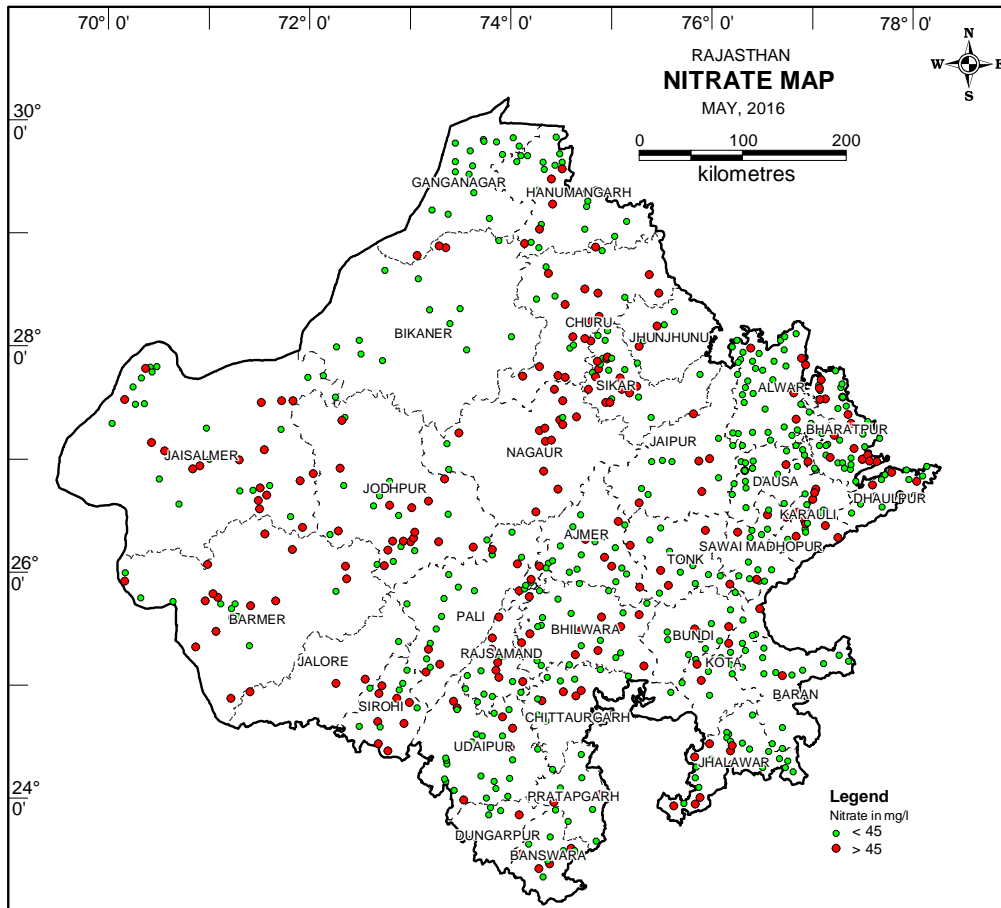


Figure:- 29- Distribution of Nitrate May 2016

### 8.2.5 Fluoride (F)

Fluoride is an inherent component of igneous rocks. The main sources of fluoride in natural water are Fluorite ( $\text{CaF}_2$ ), Cryolite ( $\text{Na}_2\text{AlF}_6$ ), 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 of Rajasthan is a great concern as 24.64% of 650 ground water samples contain fluoride value beyond Permissible limit i.e. 1.5 mg/L whereas 58.49% and 16.47% of samples are within Acceptable and permissible limit respectively. Ajmer, Sirohi, Sikar & Churu districts are worst affected where more than 50 % samples shows fluoride value more than 1.5 mg/L and Bhilwara, Bikaner, Dausa, Bharatpur & Jaipur districts are moderately affected where samples shows fluoride between 40 % - 50% . Minimum value of fluoride has been observed as 0.01 mg/L at Gujro ka bera in Barmer district and the maximum value of 17.50 mg/L has been observed at Neema Churu district. Distribution of Fluoride in Ground Water of Rajasthan is shown in Figure - 30.

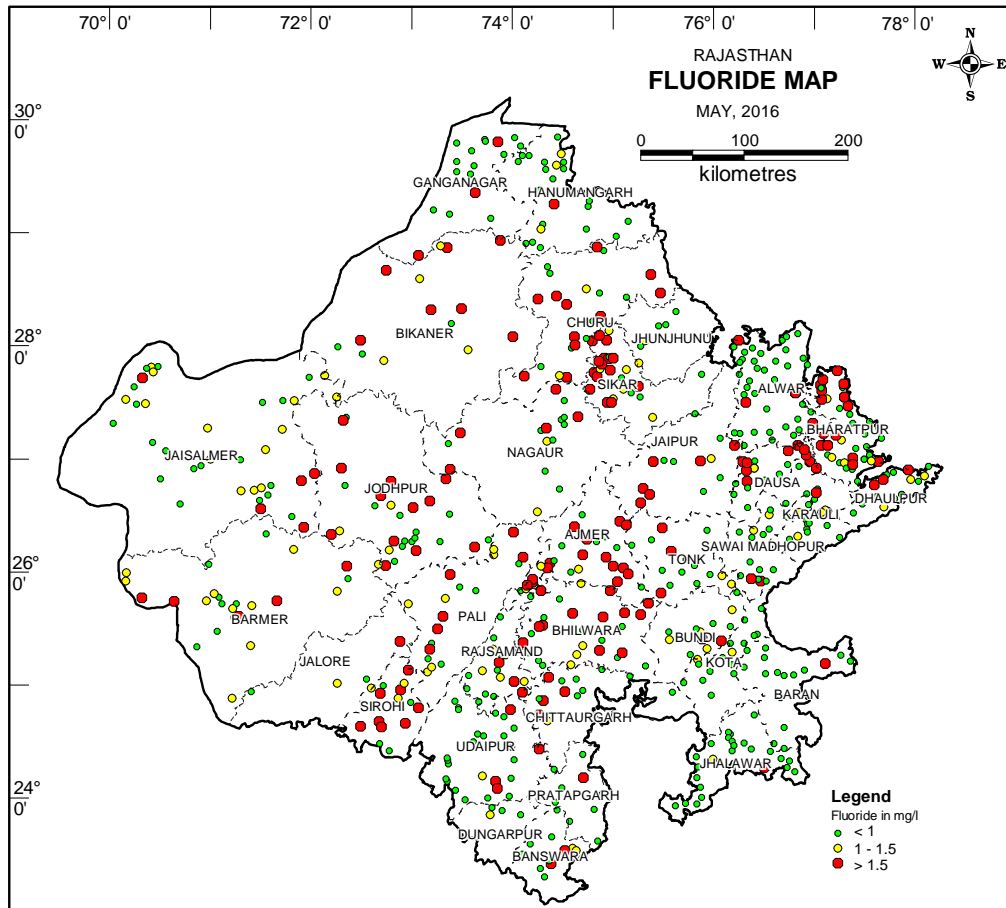


Figure:- 30 - Distribution of Fluoride May 2016

### 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 646 samples analysed, 23.20% samples are within Acceptable limit of 200 mg/L. Only 17.41% of samples have value beyond permissible limit of 600 mg/L whereas 59.38% samples are within permissible limit. Jalore is the worst affected district where more than 80.0% samples shows Total Hardness value beyond permissible limit. In Pratapgarh, Jhunjhunu, Sikar, Kota & Chittorgarh districts none of samples have Total Hardness value beyond permissible limit. The minimum value of hardness as 20 mg/L has been found at Minksar of Bikaner district. The maximum value has been observed as 7500 mg/l at Dasuk of Ajmer 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. are also linked with its high concentration.

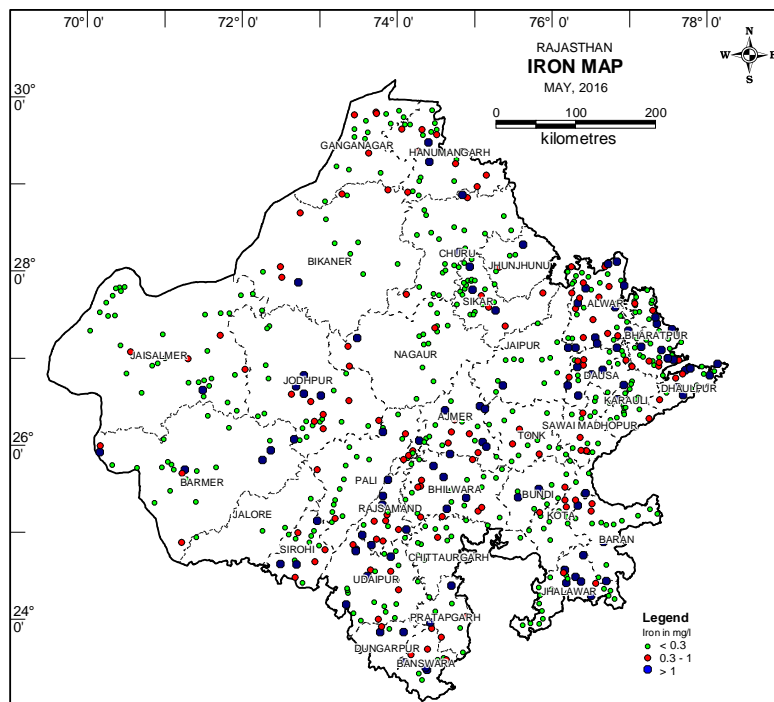
There is no cause of concern about the calcium hazard as only 4.82% samples are beyond the permissible limit of 200 mg/L. Banswara, Baran, Jalore, Chittorgarh, Jaipur, Sawai Madhopur, Jhalawar, Jhunjhunu, Kota, Sikar, Bikaner, Jodhpur, Bhilwara, Pratapgarh, & Sirohi districts have Calcium within permissible limit (30.26%) & 64.92% samples are within acceptable limit. The minimum value of calcium has been observed as 2.0 mg/L at Minksar of Bikaner district. The maximum value as 2800 mg/L has been found at Dasuk of Ajmer 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 13.13% of samples have magnesium value beyond permissible limit of 100 mg/L & 35.54% samples are within Acceptable limit and 51.33% samples within permissible limits. No sample in Banswara, Chittorgarh, Sikar, Bikaner, Pratapgarh, Sirohi & Jhunjhunu districts have magnesium value beyond permissible. In Bharatpur (47.50%) Samples, Churu (30.43%) & Barmer (31.03%) districts have Mg value beyond permissible limit. The minimum value of Mg as 2.0 mg/L has been found at Athmeel of Dholpur district and maximum value 1209mg/L at Deeg of Bharatpur district.

### 8.2.9 Iron (Fe)

Common ores of iron are Hamatite, Magnetite, Limonite, and Pyrite. Leaching of iron salts (acid mine drainage) & iron products industrial waste may be a pollution source.



Iron is an essential element in human nutrition. About 35.12% of samples have iron value beyond the permissible limit of 1.0 mg/L & 64.88% samples are within Acceptable limit of 0.3 mg/L. Dungarpur & Rajsamand are worst affected districts where 75.00% & 65.00% samples have Iron value beyond permissible limit respectively. Minimum value of iron as 0.0 mg/L has been observed at in Hasanpur in Alwar district and maximum value of 13.08 mg/l at Deeg in Bharatpur district.

Figure:- 31- Distribution of Iron May 2016

## 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 424 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 249 blocks, as many as 164 blocks the draft has exceeded the estimated replenishable resource. In 9 blocks, the stage of development has reached Critical levels and semi critical levels in 28 blocks (Ground water resource estimation 2013) leaving only 44 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 nalas & 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 2016

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	25	1.5	31	2 8.00%	2 8.00%	9 36.00%	10 40.00%	2 8.00%	0 0.00%
ALWAR	32	9	81.2	0 0.00%	0 0.00%	1 3.13%	5 15.63%	18 56.25%	8 25.00%
BANSWARA	41	1.6	16	1 2.4%	8 19.5%	22 53.7%	10 24.4%	0 0.0%	0 0.0%
BARAN	17	2.89	11.16	0 0.00%	3 17.65%	12 70.59%	2 11.76%	0 0.00%	0 0.00%
BARMER	55	4.45	99.15	0 0.0%	1 1.8%	7 12.7%	13 23.6%	15 27.3%	19 34.5%
BHARATPUR	31	2.1	51.64	0 0.00%	3 9.68%	9 29.03%	13 41.94%	5 16.13%	1 3.23%
BHILWARA	31	3.2	29.38	0 0.00%	6 19.35%	8 25.81%	12 38.71%	5 16.13%	0 0.00%
BIKANER	44	6.27	80.15	0 0.00%	0 0.00%	2 4.55%	15 34.09%	11 25.00%	16 36.36%
BUNDI	11	2.25	12.4	0 0.00%	5 45.45%	3 27.27%	3 27.27%	0 0.00%	0 0.00%
CHITTAURGARH	14	0.35	29.66	2 14.29%	1 7.14%	3 21.43%	6 42.86%	2 14.29%	0 0.00%
CHURU	35	4.83	71.26	0 0.00%	1 2.86%	2 5.71%	4 11.43%	14 40.00%	14 40.00%
DAUSA	18	11.66	57.1	0 0.00%	0 0.00%	0 0.00%	6 33.33%	8 44.44%	4 22.22%
DHAULPUR	12	3.16	38.6	0 0.00%	1 8.33%	4 33.33%	4 33.33%	3 25.00%	0 0.00%
DUNGARPUR	18	5.17	13.3	0 0.00%	0 0.00%	13 72.22%	5 27.78%	0 0.00%	0 0.00%
GANGANAGAR	42	0.72	41.1	3 7.14%	3 7.14%	11 26.19%	21 50.00%	3 7.14%	1 2.38%
HANUMANGARH	32	1.58	48.15	1 3.13%	1 3.13%	5 15.63%	11 34.38%	12 37.50%	2 6.25%
JAIPUR	36	2.9	69.82	0 0.00%	3 8.33%	1 2.78%	8 22.22%	8 22.22%	16 44.44%
JAISALMER	62	4.65	120.45	0 0.00%	1 1.61%	11 17.74%	8 12.90%	18 29.03%	24 38.71%
JALORE	20	1.8	66.48	1 5.00%	2 10.00%	2 10.00%	2 10.00%	4 20.00%	9 45.00%
JHALAWAR	24	5.43	14.97	0 0.00%	0 0.00%	14 58.33%	10 41.67%	0 0.00%	0 0.00%
JHUNJHUNU	19	40.7	93.9	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	19 100.00%
JODHPUR	46	1.5	92.2	1 2.17%	4 8.70%	8 17.39%	13 28.26%	10 21.74%	10 21.74%
KARAULI	17	4.07	40.1	0 0.00%	2 11.76%	3 17.65%	8 47.06%	3 17.65%	1 5.88%
KOTA	15	2.15	19.1	0 0.00%	7 46.67%	3 20.00%	5 33.33%	0 0.00%	0 0.00%
NAGAU	20	4.87	57.25	0 0.00%	1 5.00%	0 0.00%	2 10.00%	11 55.00%	6 30.00%
PALI	23	1.88	37.6	1 4.35%	2 8.70%	10 43.48%	6 26.09%	4 17.39%	0 0.00%
PRATAPGARH	15	2.1	23.67	0 0.00%	4 26.67%	3 20.00%	7 46.67%	1 6.67%	0 0.00%
RAJSAMAND	31	3.98	19.34	0 0.00%	2 6.45%	8 25.81%	21 67.74%	0 0.00%	0 0.00%
SAWAI MADHOPUR	15	6.69	23.8	0 0.00%	0 0.00%	7 46.67%	7 46.67%	1 6.67%	0 0.00%
SIKAR	40	8.6	82.93	0 0.00%	0 0.00%	1 2.50%	2 5.00%	8 20.00%	29 72.50%
SIROHI	19	4.78	43.8	0 0.00%	1 5.26%	3 15.79%	10 52.63%	4 21.05%	1 5.26%
TONK	18	1.5	37.35	1 5.56%	6 33.33%	8 44.44%	1 5.56%	2 11.11%	0 0.00%
UDAIPUR	39	1.78	29.6	1 2.56%	8 20.51%	12 30.77%	16 41.03%	2 5.13%	0 0.00%
<b>Grand Total</b>	<b>917</b>	<b>0.35</b>	<b>120.45</b>	<b>14</b> <b>1.53%</b>	<b>78</b> <b>8.51%</b>	<b>205</b> <b>22.36%</b>	<b>266</b> <b>29.01%</b>	<b>174</b> <b>18.97%</b>	<b>180</b> <b>19.63%</b>

## Annexure II

## CATEGORISATION OF DEPTH TO WATER LEVEL - AUGUST 2016

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	27	0.04	31.1	3 11.11%	3 11.11%	8 29.63%	11 40.74%	2 7.41%	0 0.00%
ALWAR	34	1.1	77.72	1 2.94%	0 0.00%	4 11.76%	4 11.76%	17 50.00%	8 23.53%
BANSWARA	42	0.03	2.61	38 90.5%	4 9.5%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
BARAN	20	0.14	10.62	15 75.00%	4 20.00%	0 0.00%	1 5.00%	0 0.00%	0 0.00%
BARMER	51	3.7	99.35	0 0.0%	2 3.9%	6 11.8%	12 23.5%	15 29.4%	16 31.4%
BHARATPUR	35	0.6	49.15	2 5.71%	7 20.00%	11 31.43%	10 28.57%	4 11.43%	1 2.86%
BHILWARA	31	2.35	27.87	0 0.00%	8 25.81%	8 25.81%	10 32.26%	5 16.13%	0 0.00%
BIKANER	51	1.76	120.1	1 1.96%	1 1.96%	1 1.96%	15 29.41%	13 25.49%	20 39.22%
BUNDI	12	0.1	9.89	8 66.67%	3 25.00%	1 8.33%	0 0.00%	0 0.00%	0 0.00%
CHITTAURGARH	17	0.25	29.68	2 11.76%	1 5.88%	6 35.29%	6 35.29%	2 11.76%	0 0.00%
CHURU	31	4.09	65.24	0 0.00%	1 3.23%	2 6.45%	5 16.13%	12 38.71%	11 35.48%
DAUSA	21	3.1	58.3	0 0.00%	1 4.76%	4 19.05%	5 23.81%	9 42.86%	2 9.52%
DHAULPUR	12	0.75	36.2	2 16.67%	4 33.33%	0 0.00%	4 33.33%	2 16.67%	0 0.00%
DUNGARPUR	24	0.12	15	15 62.50%	6 25.00%	2 8.33%	1 4.17%	0 0.00%	0 0.00%
GANGANAGAR	38	0.05	39.37	3 7.89%	4 10.53%	13 34.21%	14 36.84%	4 10.53%	0 0.00%
HANUMANGARH	35	0.53	42.82	3 8.57%	2 5.71%	7 20.00%	11 31.43%	11 31.43%	1 2.86%
JAIPUR	113	0.9	88.41	2 1.77%	12 10.62%	14 12.39%	13 11.50%	27 23.89%	45 39.82%
JAISALMER	57	4.51	120.46	0 0.00%	1 1.75%	9 15.79%	8 14.04%	19 33.33%	20 35.09%
JALORE	22	1.3	83.6	1 4.55%	3 13.64%	2 9.09%	3 13.64%	5 22.73%	8 36.36%
JHALAWAR	26	0.06	11.06	11 42.31%	12 46.15%	2 7.69%	1 3.85%	0 0.00%	0 0.00%
JHUNJHUNU	15	40.38	96.6	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	15 100.00%
JODHPUR	38	0.75	87.5	3 7.89%	5 13.16%	8 21.05%	9 23.68%	6 15.79%	7 18.42%
KARAULI	21	0.71	29.95	6 28.57%	1 4.76%	7 33.33%	5 23.81%	2 9.52%	0 0.00%
KOTA	17	0.15	8.9	10 58.82%	6 35.29%	1 5.88%	0 0.00%	0 0.00%	0 0.00%
NAGOUR	20	4.77	57.35	0 0.00%	1 5.00%	0 0.00%	3 15.00%	11 55.00%	5 25.00%
PALI	26	0.18	35.3	5 19.23%	10 38.46%	7 26.92%	2 7.69%	2 7.69%	0 0.00%
PRATAPGARH	19	0.09	5.11	12 63.16%	5 26.32%	2 10.53%	0 0.00%	0 0.00%	0 0.00%
RAJSAMAND	28	0.18	12.08	8 28.57%	12 42.86%	5 17.86%	3 10.71%	0 0.00%	0 0.00%
SAWAI MADHOPUR	18	0.19	14.65	5 27.78%	2 11.11%	9 50.00%	2 11.11%	0 0.00%	0 0.00%
SIKAR	38	9.22	82.7	0 0.00%	0 0.00%	1 2.63%	1 2.63%	8 21.05%	28 73.68%
SIROHI	17	0.8	35.6	4 23.53%	4 23.53%	5 29.41%	2 11.76%	2 11.76%	0 0.00%
TONK	20	0.45	17.55	7 35.00%	8 40.00%	3 15.00%	2 10.00%	0 0.00%	0 0.00%
UDAIPUR	42	0.05	10.55	25 59.52%	13 30.95%	3 7.14%	1 2.38%	0 0.00%	0 0.00%
<b>Grand Total</b>	<b>1018</b>	<b>0.03</b>	<b>120.46</b>	<b>192 18.86%</b>	<b>146 14.34%</b>	<b>151 14.83%</b>	<b>164 16.11%</b>	<b>178 17.49%</b>	<b>187 18.37%</b>

## Annexure III

## CATEGORISATION OF DEPTH TO WATER LEVEL - NOVEMBER, 2016

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	0.15	30.51	3 10.00%	7 23.33%	8 26.67%	10 33.33%	2 6.67%	0 0.00%
ALWAR	16	3.3	48	0 0.00%	1 6.25%	1 6.25%	6 37.50%	7 43.75%	1 6.25%
BANSWARA	45	0.15	5.2	38 84.4%	6 13.3%	1 2.2%	0 0.0%	0 0.0%	0 0.0%
BARAN	18	1.04	10.52	2 11.11%	10 55.56%	5 27.78%	1 5.56%	0 0.00%	0 0.00%
BARMER	49	3.35	98.75	0 0.0%	3 6.1%	5 10.2%	13 26.5%	13 26.5%	15 30.6%
BHARATPUR	30	2.1	52.1	0 0.00%	5 16.67%	7 23.33%	11 36.67%	6 20.00%	1 3.33%
BHILWARA	35	2.64	27.68	0 0.00%	10 28.57%	9 25.71%	11 31.43%	5 14.29%	0 0.00%
BIKANER	51	5.39	122	0 0.00%	0 0.00%	4 7.84%	14 27.45%	12 23.53%	21 41.18%
BUNDI	12	0.2	10.14	8 66.67%	2 16.67%	1 8.33%	1 8.33%	0 0.00%	0 0.00%
CHITTAURGARH	17	0.25	27.71	2 11.76%	4 23.53%	5 29.41%	4 23.53%	2 11.76%	0 0.00%
CHURU	30	8.23	74.78	0 0.00%	0 0.00%	2 6.67%	5 16.67%	11 36.67%	12 40.00%
DAUSA	17	5.3	58.7	0 0.00%	0 0.00%	3 17.65%	4 23.53%	5 29.41%	5 29.41%
DHAULPUR	11	0.6	39.8	1 9.09%	3 27.27%	1 9.09%	3 27.27%	3 27.27%	0 0.00%
DUNGARPUR	23	0.3	16.4	14 60.87%	6 26.09%	2 8.70%	1 4.35%	0 0.00%	0 0.00%
GANGANAGAR	38	0.24	39.87	2 5.26%	2 5.26%	14 36.84%	16 42.11%	4 10.53%	0 0.00%
HANUMANGARH	39	1.51	48.03	1 2.56%	0 0.00%	8 20.51%	12 30.77%	15 38.46%	3 7.69%
JAIPUR	98	2.18	76.06	0 0.00%	9 9.18%	18 18.37%	16 16.33%	21 21.43%	34 34.69%
JAISALMER	65	3.75	120.45	0 0.00%	2 3.08%	8 12.31%	10 15.38%	21 32.31%	24 36.92%
JALORE	24	1.7	80.8	1 4.17%	3 12.50%	3 12.50%	2 8.33%	4 16.67%	11 45.83%
JHALAWAR	27	1.85	12.51	1 3.70%	12 44.44%	12 44.44%	2 7.41%	0 0.00%	0 0.00%
JHUNJHUNU	16	40.45	97.1	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	16 100.00%
JODHPUR	48	1.2	93.4	2 4.17%	6 12.50%	10 20.83%	10 20.83%	12 25.00%	8 16.67%
KARAULI	18	1.35	37.7	1 5.56%	6 33.33%	3 16.67%	5 27.78%	3 16.67%	0 0.00%
KOTA	17	0.55	17.6	5 29.41%	4 23.53%	5 29.41%	3 17.65%	0 0.00%	0 0.00%
NAGAU	18	15.33	58.35	0 0.00%	0 0.00%	0 0.00%	3 16.67%	9 50.00%	6 33.33%
PALI	21	0.68	34.5	2 9.52%	7 33.33%	7 33.33%	3 14.29%	2 9.52%	0 0.00%
PRATAPGARH	19	0.4	6.32	10 52.63%	6 31.58%	3 15.79%	0 0.00%	0 0.00%	0 0.00%
RAJSAMAND	29	0.29	12.79	8 27.59%	11 37.93%	7 24.14%	3 10.34%	0 0.00%	0 0.00%
SAWAI MADHOPUR	19	1.29	14.85	2 10.53%	5 26.32%	6 31.58%	6 31.58%	0 0.00%	0 0.00%
SIKAR	38	11.46	81.91	0 0.00%	0 0.00%	0 0.00%	2 5.26%	8 21.05%	28 73.68%
SIROHI	17	1.23	24.12	3 17.65%	0 0.00%	8 47.06%	4 23.53%	2 11.76%	0 0.00%
TONK	20	0.95	19.2	3 15.00%	9 45.00%	4 20.00%	4 20.00%	0 0.00%	0 0.00%
UDAIPUR	43	0.12	11.05	22 51.16%	16 37.21%	3 6.98%	2 4.65%	0 0.00%	0 0.00%
<b>Grand Total</b>	<b>998</b>	<b>0.12</b>	<b>122</b>	<b>131 13.13%</b>	<b>155 15.53%</b>	<b>173 17.33%</b>	<b>187 18.74%</b>	<b>167 16.73%</b>	<b>185 18.54%</b>

## Annexure IV

## CATEGORISATION OF DEPTH TO WATER LEVEL - JANUARY, 2017

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	0.5	24.5	4 13.79%	9 31.03%	9 31.03%	5 17.24%	2 6.90%	0 0.00%
ALWAR	33	3.8	92.95	0 0.00%	1 3.03%	1 3.03%	4 12.12%	16 48.48%	11 33.33%
BANSWARA	45	0.06	5	37 82.2%	8 17.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
BARAN	19	1.73	13.82	1 5.26%	8 42.11%	7 36.84%	3 15.79%	0 0.00%	0 0.00%
BARMER	52	3.4	100.55	0 0.0%	3 5.8%	5 9.6%	13 25.0%	15 28.8%	16 30.8%
BHARATPUR	35	0.36	52.1	3 8.57%	4 11.43%	10 28.57%	10 28.57%	6 17.14%	2 5.71%
BHILWARA	37	0.99	20.28	2 5.41%	9 24.32%	15 40.54%	9 24.32%	2 5.41%	0 0.00%
BIKANER	52	5.5	122.1	0 0.00%	0 0.00%	3 5.77%	14 26.92%	14 26.92%	21 40.38%
BUNDI	12	0.31	9.49	5 41.67%	4 33.33%	3 25.00%	0 0.00%	0 0.00%	0 0.00%
CHITTAURGARH	18	0.15	25.58	2 11.11%	4 22.22%	6 33.33%	5 27.78%	1 5.56%	0 0.00%
CHURU	34	8.95	74.78	0 0.00%	0 0.00%	2 5.88%	5 14.71%	11 32.35%	16 47.06%
DAUSA	22	6.57	64.14	0 0.00%	0 0.00%	3 13.64%	6 27.27%	6 27.27%	7 31.82%
DHAULPUR	14	0.48	39.46	1 7.14%	1 7.14%	4 28.57%	4 28.57%	4 28.57%	0 0.00%
DUNGARPUR	24	0.23	16	12 50.00%	9 37.50%	2 8.33%	1 4.17%	0 0.00%	0 0.00%
GANGANAGAR	38	0.5	41.45	1 2.63%	4 10.53%	10 26.32%	19 50.00%	3 7.89%	1 2.63%
HANUMANGARH	37	0.57	48.72	1 2.70%	1 2.70%	8 21.62%	13 35.14%	11 29.73%	3 8.11%
JAIPUR	93	1.3	76.8	2 2.15%	5 5.38%	21 22.58%	14 15.05%	20 21.51%	31 33.33%
JAISALMER	69	4.09	121.2	0 0.00%	2 2.90%	10 14.49%	9 13.04%	22 31.88%	26 37.68%
JALORE	23	1.85	86.85	1 4.35%	3 13.04%	2 8.70%	3 13.04%	5 21.74%	9 39.13%
JHALAWAR	24	2.88	13.42	0 0.00%	2 8.33%	20 83.33%	2 8.33%	0 0.00%	0 0.00%
JHUNJHUNU	20	40.8	98.17	0 0.00%	0 0.00%	0 0.00%	0 0.00%	0 0.00%	20 100.00%
JODHPUR	56	0.9	102.85	2 3.57%	7 12.50%	9 16.07%	10 17.86%	12 21.43%	16 28.57%
KARAULI	21	0.48	35.02	1 4.76%	4 19.05%	3 14.29%	9 42.86%	4 19.05%	0 0.00%
KOTA	16	0.58	20.36	5 31.25%	4 25.00%	4 25.00%	2 12.50%	1 6.25%	0 0.00%
NAGAU	34	7.34	71.24	0 0.00%	0 0.00%	1 2.94%	4 11.76%	15 44.12%	14 41.18%
PALI	22	1.04	35.2	2 9.09%	6 27.27%	8 36.36%	4 18.18%	2 9.09%	0 0.00%
PRATAPGARH	19	0.38	7.61	12 63.16%	5 26.32%	2 10.53%	0 0.00%	0 0.00%	0 0.00%
RAJSAMAND	30	0.26	14.28	9 30.00%	9 30.00%	7 23.33%	5 16.67%	0 0.00%	0 0.00%
SAWAI MADHOPUR	18	3.73	14.34	0 0.00%	3 16.67%	8 44.44%	7 38.89%	0 0.00%	0 0.00%
SIKAR	39	6.7	86.1	0 0.00%	0 0.00%	1 2.56%	2 5.13%	9 23.08%	27 69.23%
SIROHI	16	1.83	30.35	1 6.25%	2 12.50%	5 31.25%	5 31.25%	3 18.75%	0 0.00%
TONK	20	1.15	19.13	3 15.00%	10 50.00%	2 10.00%	5 25.00%	0 0.00%	0 0.00%
UDAIPUR	45	0.09	11.03	22 48.89%	18 40.00%	3 6.67%	2 4.44%	0 0.00%	0 0.00%
<b>Grand Total</b>	<b>1066</b>	<b>0.06</b>	<b>122.1</b>	<b>129</b> <b>12.10%</b>	<b>145</b> <b>13.60%</b>	<b>194</b> <b>18.20%</b>	<b>194</b> <b>18.20%</b>	<b>184</b> <b>17.26%</b>	<b>220</b> <b>20.64%</b>

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN JANUARY, 2016 TO MAY, 2016														
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	25	0.08	5.5	0.06	2.5	4 16.0%	0 0.0%	1 4.0%	19 76.0%	1 4.0%	0 0.0%	5	20
2	ALWAR	25	0.18	0.95	0.28	7.24	2 8.0%	0 0.0%	0 0.0%	13 52.0%	8 32.0%	2 8.0%	2	23
3	BANSWARA	33	0.2	3.1	0.38	12.88	1 3.0%	1 3.0%	0 0.0%	15 45.5%	8 24.2%	8 24.2%	2	31
4	BARAN	16	0.09	0.09	0.11	6.5	1 6.3%	0 0.0%	0 0.0%	11 68.8%	3 18.8%	1 6.3%	1	15
5	BARMER	49	0.05	5.7	0.05	12.25	12 24.5%	4 8.2%	2 4.1%	25 51.0%	2 4.1%	4 8.2%	18	31
6	BHARATPUR	26	0.05	2.12	0.35	3.02	6 23.1%	1 3.8%	0 0.0%	13 50.0%	6 23.1%	0 0.0%	7	19
7	BHILWARA	30	0.12	0.44	0.02	1.62	3 10.0%	0 0.0%	0 0.0%	27 90.0%	0 0.0%	0 0.0%	3	27
8	BIKANER	36	0.04	2.65	0.04	7.41	11 30.6%	1 2.8%	0 0.0%	17 47.2%	4 11.1%	2 5.6%	12	23
9	BUNDI	11	1.1	1.1	0.16	5.8	1 9.1%	0 0.0%	0 0.0%	7 63.6%	2 18.2%	1 9.1%	1	10
10	CHITTAURGARH	12	0.1	10.65	0.05	0.55	2 16.7%	0 0.0%	1 8.3%	9 75.0%	0 0.0%	0 0.0%	3	9
11	CHURU	32	0.5	5.2	0.05	12.4	1 3.1%	2 6.3%	1 3.1%	23 71.9%	2 6.3%	3 9.4%	4	28
12	DAUSA	13	0.09	0.09	0.45	8.4	1 7.7%	0 0.0%	0 0.0%	5 38.5%	4 30.8%	3 23.1%	1	12
13	DHAULPUR	11	0.13	2.42	0.12	2.65	2 18.2%	1 9.1%	0 0.0%	5 45.5%	2 18.2%	0 0.0%	3	7
14	DUNGARPUR	16	1.15	8.19	0.2	9.4	1 6.3%	0 0.0%	1 6.3%	4 25.0%	4 25.0%	6 37.5%	2	14
15	GANGANAGAR	38	0.8	1.3	0.05	1.6	2 5.3%	0 0.0%	0 0.0%	35 92.1%	0 0.0%	0 0.0%	2	35
16	HANUMANGARH	31	0.05	3.64	0.02	2.16	4 12.9%	1 3.2%	0 0.0%	24 77.4%	1 3.2%	0 0.0%	5	25
17	JAIPUR	34	0.26	6.8	0.05	4.62	9 26.5%	2 5.9%	1 2.9%	21 61.8%	0 0.0%	1 2.9%	12	22
18	JAISALMER	44	0.1	3.4	0.1	6.7	13 29.5%	1 2.3%	0 0.0%	20 45.5%	4 9.1%	3 6.8%	14	27
19	JALORE	18	0.1	1.62	0.1	5.05	8 44.4%	0 0.0%	0 0.0%	5 27.8%	4 22.2%	1 5.6%	8	10
20	JHALAWAR	23	0.06	1.72	0.22	6.11	4 17.4%	0 0.0%	0 0.0%	9 39.1%	8 34.8%	2 8.7%	4	19
21	JHUNJHUNU	19	-	-	0.05	8.49	0 0.0%	0 0.0%	0 0.0%	16 84.2%	1 5.3%	2 10.5%	0	19
22	JODHPUR	36	0.12	6.32	0.2	11.6	5 13.9%	0 0.0%	1 2.8%	21 58.3%	6 16.7%	3 8.3%	6	30
23	KARAULI	14	0.38	4.6	0.69	8.85	2 14.3%	0 0.0%	1 7.1%	6 42.9%	3 21.4%	2 14.3%	3	11
24	KOTA	15	0.3	0.3	0.3	5.76	1 6.7%	0 0.0%	0 0.0%	7 46.7%	5 33.3%	2 13.3%	1	14
25	NAGOUR	16	0.02	2.5	0.2	7.1	5 31.3%	1 6.3%	0 0.0%	7 43.8%	1 6.3%	1 6.3%	6	9
26	PALI	23	0.4	1.1	0.1	6.3	5 21.7%	0 0.0%	0 0.0%	11 47.8%	5 21.7%	2 8.7%	5	18
27	PRATAPGARH	14	0.09	1.9	0.28	14.67	3 21.4%	0 0.0%	0 0.0%	1 7.1%	2 14.3%	8 57.1%	3	11
28	RAJSAMAND	25	2.7	4.58	0.07	13.26	0 0.0%	3 12.0%	1 4.0%	7 28.0%	6 24.0%	8 32.0%	4	21
29	SAWAI MADHOPUR	14	1.1	6.2	0.46	7.95	1 7.1%	0 0.0%	1 7.1%	7 50.0%	3 21.4%	2 14.3%	2	12
30	SIKAR	35	0.16	3.3	0.01	2.08	5 14.3%	2 5.7%	0 0.0%	27 77.1%	1 2.9%	0 0.0%	7	28
31	SIROHI	14	0.4	6.68	0.25	12.8	1 7.1%	0 0.0%	1 7.1%	2 14.3%	3 21.4%	6 42.9%	2	11
32	TONK	14	0.03	0.03	0.02	3.55	1 7.1%	0 0.0%	0 0.0%	12 85.7%	1 7.1%	0 0.0%	1	13
33	UDAIPUR	37	1.88	3.37	0.04	13.93	1 2.7%	2 5.4%	0 0.0%	12 32.4%	6 16.2%	16 43.2%	3	34
	Grand Total	799	0.02	10.65	0.01	14.67	118 14.8%	22 2.8%	12 1.5%	443 55.4%	106 13.3%	89 11.1%	152	638

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2016 TO AUGUST, 2016															
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	25	0.04	1.96	0.1	1.43	19 76.0%	0 0.0%	0 0.0%	6 24.0%	0 0.0%	0 0.0%	19	6	
2	ALWAR	31	0.12	9.4	0.08	3.22	12 38.7%	8 25.8%	7 22.6%	2 6.5%	2 6.5%	0 0.0%	27	4	
3	BANSWARA	37	1.8	14.66	-	-	1 2.7%	6 16.2%	30 81.1%	0 0.0%	0 0.0%	0 0.0%	37	0	
4	BARAN	17	2.01	9.85	-	-	0 0.0%	6 35.3%	11 64.7%	0 0.0%	0 0.0%	0 0.0%	17	0	
5	BARMER	51	0.05	12.75	0.03	5.9	23 45.1%	5 9.8%	3 5.9%	15 29.4%	2 3.9%	2 3.9%	31	19	
6	BHARATPUR	30	0.3	8.49	1.81	1.81	14 46.7%	7 23.3%	8 26.7%	1 3.3%	0 0.0%	0 0.0%	29	1	
7	BHILWARA	29	0.03	5.1	0.02	2.06	25 86.2%	0 0.0%	1 3.4%	2 6.9%	1 3.4%	0 0.0%	26	3	
8	BIKANER	37	0.02	8.08	0.1	8.6	18 48.6%	2 5.4%	4 10.8%	6 16.2%	3 8.1%	3 8.1%	24	12	
9	BUNDI	11	1.4	9.3	-	-	2 18.2%	2 18.2%	7 63.6%	0 0.0%	0 0.0%	0 0.0%	11	0	
10	CHITTAURGARH	14	0.06	10.4	0.02	11.86	7 50.0%	0 0.0%	2 14.3%	2 14.3%	2 14.3%	1 7.1%	9	5	
11	CHURU	31	0.01	22.39	0.21	10.26	16 51.6%	6 19.4%	3 9.7%	2 6.5%	2 6.5%	2 6.5%	25	6	
12	DAUSA	17	0.25	17.53	1.2	1.2	3 17.6%	5 29.4%	8 47.1%	1 5.9%	0 0.0%	0 0.0%	16	1	
13	DHAULPUR	11	0.65	12.8	-	-	3 27.3%	4 36.4%	4 36.4%	0 0.0%	0 0.0%	0 0.0%	11	0	
14	DUNGARPUR	18	1.79	10.65	-	-	1 5.6%	2 11.1%	15 83.3%	0 0.0%	0 0.0%	0 0.0%	18	0	
15	GANGANAGAR	38	0.05	2.51	0.01	1.54	28 73.7%	1 2.6%	0 0.0%	9 23.7%	0 0.0%	0 0.0%	29	9	
16	HANUMANGARH	28	0.05	10.9	0.2	1.28	11 39.3%	6 21.4%	5 17.9%	6 21.4%	0 0.0%	0 0.0%	22	6	
17	JAIPUR	35	0.01	3.62	0.01	1.55	21 60.0%	4 11.4%	0 0.0%	10 28.6%	0 0.0%	0 0.0%	25	10	
18	JAISALMER	55	0.02	11	0.01	3.45	26 47.3%	3 5.5%	1 1.8%	17 30.9%	4 7.3%	0 0.0%	30	21	
19	JALORE	18	0.1	8.75	0.15	1.9	9 50.0%	1 5.6%	2 11.1%	6 33.3%	0 0.0%	0 0.0%	12	6	
20	JHALAWAR	23	2.85	11.92	-	-	0 0.0%	3 13.0%	20 87.0%	0 0.0%	0 0.0%	0 0.0%	23	0	
21	JHUNJHUNU	15	0.32	4.67	0.29	4.44	6 40.0%	2 13.3%	2 13.3%	3 20.0%	1 6.7%	1 6.7%	10	5	
22	JODHPUR	35	0.03	11.95	0.08	7.03	12 34.3%	7 20.0%	9 25.7%	2 5.7%	0 0.0%	1 2.9%	28	3	
23	KARALI	17	1.52	10.32	-	-	1 5.9%	3 17.6%	13 76.5%	0 0.0%	0 0.0%	0 0.0%	17	0	
24	KOTA	15	0.05	16.3	-	-	4 26.7%	2 13.3%	9 60.0%	0 0.0%	0 0.0%	0 0.0%	15	0	
25	NAGPUR	19	0.03	3	0.05	0.1	13 68.4%	1 5.3%	0 0.0%	3 15.8%	0 0.0%	0 0.0%	14	3	
26	PALI	23	0.1	16.6	-	-	6 26.1%	5 21.7%	12 52.2%	0 0.0%	0 0.0%	0 0.0%	23	0	
27	PRATAPGARH	15	0.75	23.1	-	-	1 6.7%	3 20.0%	11 73.3%	0 0.0%	0 0.0%	0 0.0%	15	0	
28	RAJSAMAND	29	1.2	14.9	-	-	1 3.4%	2 6.9%	26 89.7%	0 0.0%	0 0.0%	0 0.0%	29	0	
29	SAWAI MADHOPUR	15	0.8	11.2	0.09	0.09	1 6.7%	2 13.3%	11 73.3%	1 6.7%	0 0.0%	0 0.0%	14	1	
30	SIKAR	38	0.14	5.98	0.02	7.35	12 31.6%	1 2.6%	1 2.6%	15 39.5%	3 7.9%	5 13.2%	14	23	
31	SIROHI	17	1	18.4	-	-	2 11.8%	2 11.8%	13 76.5%	0 0.0%	0 0.0%	0 0.0%	17	0	
32	TONK	18	0.01	22.95	5	5	5 27.8%	5 27.8%	7 38.9%	0 0.0%	0 0.0%	1 5.6%	17	1	
33	UDAIPUR	36	1.33	22.69	0.30	0.30	2 5.6%	7 19.4%	26 72.2%	1 2.8%	0 0.0%	0 0.0%	35	1	
	Grand Total	848	0.01	23.10	0.01	11.86	305 36.0%	113 13.3%	271 32.0%	110 13.0%	20 2.4%	16 1.9%	689	146	

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2016 TO NOVEMBER, 2016															
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	25	0.02	2.99	0.08	0.4	18 72.0%	3 12.0%	0 0.0%	3 12.0%	0 0.0%	0 0.0%	21	3	
2	ALWAR	15	0.78	7.9	0.33	5.34	1 6.7%	3 20.0%	6 40.0%	4 26.7%	0 0.0%	1 6.7%	10	5	
3	BANSWARA	39	1.5	15.28	-	-	3 7.7%	7 17.9%	29 74.4%	0 0.0%	0 0.0%	0 0.0%	39	0	
4	BARAN	15	0.01	7.32	-	-	6 40.0%	4 26.7%	5 33.3%	0 0.0%	0 0.0%	0 0.0%	15	0	
5	BARMER	49	0.13	15.05	0.02	2.3	20 40.8%	5 10.2%	3 6.1%	18 36.7%	2 4.1%	0 0.0%	28	20	
6	BHARATPUR	26	1.01	4.75	0.46	5.43	4 15.4%	6 23.1%	1 3.8%	7 26.9%	5 19.2%	1 3.8%	11	13	
7	BHILWARA	29	0.36	4.92	0.15	0.15	21 72.4%	6 20.7%	1 3.4%	1 3.4%	0 0.0%	0 0.0%	28	1	
8	BIKANER	35	0.01	4.8	0.07	7.27	12 34.3%	3 8.6%	2 5.7%	13 37.1%	3 8.6%	2 5.7%	17	18	
9	BUNDI	11	0.85	9.41	-	-	3 27.3%	4 36.4%	4 36.4%	0 0.0%	0 0.0%	0 0.0%	11	0	
10	CHITTAURGARH	13	0.1	4.65	0.25	0.72	3 23.1%	7 53.8%	1 7.7%	2 15.4%	0 0.0%	0 0.0%	11	2	
11	CHURU	27	0.01	21.79	0.06	1.32	15 55.6%	4 14.8%	2 7.4%	6 22.2%	0 0.0%	0 0.0%	21	6	
12	DAUSA	14	0.73	15.3	0.1	3.65	3 21.4%	2 14.3%	5 35.7%	2 14.3%	2 14.3%	0 0.0%	10	4	
13	DHAULPUR	10	0.13	6.5	1.2	3	3 30.0%	2 20.0%	2 20.0%	2 20.0%	1 10.0%	0 0.0%	7	3	
14	DUNGARPUR	17	1.08	10.57	-	-	1 5.9%	2 11.8%	14 82.4%	0 0.0%	0 0.0%	0 0.0%	17	0	
15	GANGANAGAR	38	0.14	4.36	0.12	2.95	17 44.7%	2 5.3%	1 2.6%	15 39.5%	3 7.9%	0 0.0%	20	18	
16	HANUMANGARH	30	0.12	1.77	0.12	10.76	17 56.7%	0 0.0%	0 0.0%	8 26.7%	3 10.0%	2 6.7%	17	13	
17	JAIPUR	35	0.09	9.77	0.1	1.86	14 40.0%	7 20.0%	4 11.4%	10 28.6%	0 0.0%	0 0.0%	25	10	
18	JAISALMER	60	0.05	4.8	0.01	3.7	26 43.3%	2 3.3%	1 1.7%	23 38.3%	5 8.3%	0 0.0%	29	28	
19	JALORE	20	0.06	11.36	0.12	1.16	6 30.0%	4 20.0%	3 15.0%	7 35.0%	0 0.0%	0 0.0%	13	7	
20	JHALAWAR	24	0.19	9.95	-	-	4 16.7%	9 37.5%	11 45.8%	0 0.0%	0 0.0%	0 0.0%	24	0	
21	JHUNJHUNU	16	0.25	7.96	0.04	3.2	4 25.0%	2 12.5%	3 18.8%	5 31.3%	2 12.5%	0 0.0%	9	7	
22	JODHPUR	43	0.02	12.15	0.02	3.8	12 27.9%	9 20.9%	9 20.9%	9 20.9%	2 4.7%	0 0.0%	30	11	
23	KARALI	15	1.8	14.8	1.15	1.18	1 6.7%	7 46.7%	5 33.3%	2 13.3%	0 0.0%	0 0.0%	13	2	
24	KOTA	15	0.4	5.41	0.25	0.25	6 40.0%	4 26.7%	4 26.7%	1 6.7%	0 0.0%	0 0.0%	14	1	
25	NAGPUR	17	0.2	3.75	0.1	3.15	5 29.4%	1 5.9%	0 0.0%	9 52.9%	1 5.9%	0 0.0%	6	10	
26	PALI	19	0.2	15.39	1.9	1.9	5 26.3%	5 26.3%	8 42.1%	1 5.3%	0 0.0%	0 0.0%	18	1	
27	PRATAPGARH	15	0.34	22.87	-	-	2 13.3%	4 26.7%	9 60.0%	0 0.0%	0 0.0%	0 0.0%	15	0	
28	RAJSAMAND	29	2.4	14.87	0.3	0.3	0 0.0%	3 10.3%	25 86.2%	1 3.4%	0 0.0%	0 0.0%	28	1	
29	SAWAI MADHOPUR	15	1.22	9.8	2	2	2 13.3%	5 33.3%	7 46.7%	1 6.7%	0 0.0%	0 0.0%	14	1	
30	SIKAR	38	0.01	3.21	0.03	11.06	15 39.5%	1 2.6%	0 0.0%	15 39.5%	4 10.5%	3 7.9%	16	22	
31	SIROHI	17	1.2	27.32	-	-	3 17.6%	3 17.6%	11 64.7%	0 0.0%	0 0.0%	0 0.0%	17	0	
32	TONK	18	0.18	20.35	6.35	6.35	8 44.4%	4 22.2%	5 27.8%	0 0.0%	0 0.0%	1 5.6%	17	1	
33	UDAIPUR	37	1.36	22.10	0.10	0.47	2 5.4%	6 16.2%	27 73.0%	2 5.4%	0 0.0%	0 0.0%	35	2	
	Grand Total	826	0.01	27.32	0.01	11.06	262 31.7%	136 16.5%	208 25.2%	167 20.2%	33 4.0%	10 1.2%	606	210	



CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2016 TO JANUARY, 2017															
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	24	0.13	8.85	2.15	2.15	8	6	8	0	1	0	22	1	
							33.3%	25.0%	33.3%	0.0%	4.2%	0.0%			
2	ALWAR	29	0.7	9.14	0.25	2.65	5	2	4	17	1	0	11	18	
							17.2%	6.9%	13.8%	58.6%	3.4%	0.0%			
3	BANSWARA	40	1.49	15.37	-	-	2	8	30	0	0	0	40	0	
							5.0%	20.0%	75.0%	0.0%	0.0%	0.0%			
4	BARAN	17	0.18	5.33	0.2	0.59	6	5	3	3	0	0	14	3	
							35.3%	29.4%	17.6%	17.6%	0.0%	0.0%			
5	BARMER	48	0.05	12.32	0.05	8.7	16	4	2	17	4	4	22	25	
							33.3%	8.3%	4.2%	35.4%	8.3%	8.3%			
6	BHARATPUR	29	0.31	8	0.46	8.57	10	9	2	4	3	1	21	8	
							34.5%	31.0%	6.9%	13.8%	10.3%	3.4%			
7	BHILWARA	30	0.3	19.58	0.05	5.98	6	7	12	2	2	1	25	5	
							20.0%	23.3%	40.0%	6.7%	6.7%	3.3%			
8	BIKANER	37	0.07	5.25	0.05	7.3	13	2	3	14	4	1	18	19	
							35.1%	5.4%	8.1%	37.8%	10.8%	2.7%			
9	BUNDI	11	0.66	9.03	-	-	6	3	2	0	0	0	11	0	
							54.5%	27.3%	18.2%	0.0%	0.0%	0.0%			
10	CHITTAURGARH	14	0.2	18.11	0.22	1.3	1	5	5	3	0	0	11	3	
							7.1%	35.7%	35.7%	21.4%	0.0%	0.0%			
11	CHURU	30	0.05	21.6	0.05	10.2	15	3	2	7	1	2	20	10	
							50.0%	10.0%	6.7%	23.3%	3.3%	6.7%			
12	DAUSA	16	0.15	18.9	1.23	8.28	3	1	4	3	2	3	8	8	
							18.8%	6.3%	25.0%	18.8%	12.5%	18.8%			
13	DHAULPUR	11	0.06	3.68	0.86	1.13	4	4	0	3	0	0	8	3	
							36.4%	36.4%	0.0%	27.3%	0.0%	0.0%			
14	DUNGARPUR	18	1.2	9.94	-	-	1	1	16	0	0	0	18	0	
							5.6%	5.6%	88.9%	0.0%	0.0%	0.0%			
15	GANGANAGAR	38	0.2	3.83	0.1	4.07	15	1	0	18	3	1	16	22	
							39.5%	2.6%	0.0%	47.4%	7.9%	2.6%			
16	HANUMANGARH	29	0.23	10.08	0.05	10.7	15	0	1	10	1	2	16	13	
							51.7%	0.0%	3.4%	34.5%	3.4%	6.9%			
17	JAIPUR	36	0.3	9.82	0.02	4	9	5	6	12	4	0	20	16	
							25.0%	13.9%	16.7%	33.3%	11.1%	0.0%			
18	JAISALMER	61	0.05	5.29	0.02	5.53	20	6	2	28	2	1	28	31	
							32.8%	9.8%	3.3%	45.9%	3.3%	1.6%			
19	JALORE	18	0.2	10.73	0.01	4.22	5	1	3	8	0	1	9	9	
							27.8%	5.6%	16.7%	44.4%	0.0%	5.6%			
20	JHALAWAR	22	0.12	7.52	0.23	1.06	7	8	4	3	0	0	19	3	
							31.8%	36.4%	18.2%	13.6%	0.0%	0.0%			
21	JHUNJHUNU	17	0.13	7.2	0.1	4.27	3	4	2	6	1	1	9	8	
							17.6%	23.5%	11.8%	35.3%	5.9%	5.9%			
22	JODHPUR	42	0.3	12.2	0.05	11.5	14	10	5	10	2	1	29	13	
							33.3%	23.8%	11.9%	23.8%	4.8%	2.4%			
23	KARALI	17	0.92	7.11	1.15	1.25	3	5	7	2	0	0	15	2	
							17.6%	29.4%	41.2%	11.8%	0.0%	0.0%			
24	KOTA	15	0.25	5.28	0.59	0.59	7	4	3	1	0	0	14	1	
							46.7%	26.7%	20.0%	6.7%	0.0%	0.0%			
25	NAGPUR	18	0.45	3.6	0.15	14.3	6	2	0	6	2	1	8	9	
							33.3%	11.1%	0.0%	33.3%	11.1%	5.6%			
26	PALI	20	0.5	13.94	0.1	0.1	8	3	8	1	0	0	19	1	
							40.0%	15.0%	40.0%	5.0%	0.0%	0.0%			
27	PRATAPGARH	15	0.58	22.64	-	-	2	3	10	0	0	0	15	0	
							13.3%	20.0%	66.7%	0.0%	0.0%	0.0%			
28	RAJSAMAND	30	1.39	14.85	0.1	0.1	2	3	24	1	0	0	29	1	
							6.7%	10.0%	80.0%	3.3%	0.0%	0.0%			
29	SAWAI MADHOPUR	15	1.51	9.46	-	-	4	8	3	0	0	0	15	0	
							26.7%	53.3%	20.0%	0.0%	0.0%	0.0%			
30	SIKAR	39	0.02	12.49	0.05	20.95	15	0	1	14	4	4	16	22	
							38.5%	0.0%	2.6%	35.9%	10.3%	10.3%			
31	SIROHI	16	0.43	21.13	11.88	11.88	4	2	9	0	0	1	15	1	
							25.0%	12.5%	56.3%	0.0%	0.0%	6.3%			
32	TONK	18	0.06	18.22	2.5	2.5	7	6	4	0	1	0	17	1	
							38.9%	33.3%	22.2%	0.0%	5.6%	0.0%			
33	UDAIPUR	39	1.39	22.08	0.12	0.86	1	6	29	3	0	0	36	3	
							2.6%	15.4%	74.4%	7.7%	0.0%	0.0%			
	Grand Total	859	0.02	22.64	0.01	20.95	243	137	214	196	38	25	594	259	
							28.3%	15.9%	24.9%	22.8%	4.4%	2.9%			

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN MAY, 2015 TO MAY, 2016														
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	21	0.13	3.59	0.82	12.25	2	2	0	8	3	6	4	17
2	ALWAR	23	0.03	1	0.05	8.4	2	0	0	11	7	3	2	21
3	BANSWARA	34	0.2	4.35	0.25	9.25	3	1	1	20	6	3	5	29
4	BARAN	12	0.01	0.09	0.25	4.8	2	0	0	7	2	1	2	10
5	BARMER	52	0.1	6.95	0.1	8.02	7	3	3	30	7	2	13	39
6	BHARATPUR	27	0.27	6.25	0.27	4.04	1	0	2	10	13	1	3	24
7	BHILWARA	27	0.98	5.09	0.23	11.39	5	2	2	6	8	4	9	18
8	BIKANER	33	0.11	10.34	0.01	10.61	11	1	1	12	3	5	13	20
9	BUNDI	11	-	-	0.01	8.83	0	0	0	9	1	1	0	11
10	CHITTAURGARH	13	0.02	6.25	0.04	7.08	5	0	2	2	2	2	7	6
11	CHURU	29	0.04	5.43	0.13	22.42	6	0	2	13	6	2	8	21
12	DAUSA	11	-	-	0.4	8.9	0	0	0	4	3	4	0	11
13	DHAULPUR	11	0.15	4.89	0.05	4.03	2	0	1	5	2	1	3	8
14	DUNGARPUR	15	6.05	6.05	0.1	5.52	0	0	1	10	3	1	1	14
15	GANGANAGAR	38	0.05	5.68	0.13	1.49	15	5	2	15	0	0	22	15
16	HANUMANGARH	31	0.02	3.4	0.02	3.51	8	1	0	17	2	0	9	19
17	JAIPUR	33	0.11	5.49	0.08	8.68	5	3	1	14	6	4	9	24
18	JAISALMER	40	0.05	4.6	0.1	2.95	21	2	2	11	2	0	25	13
19	JALORE	14	0.2	16.01	0.02	2.6	2	3	3	5	1	0	8	6
20	JHALAWAR	22	0.43	2.59	0.05	4.98	3	1	0	14	3	1	4	18
21	JHUNJHUNU	17	0.17	2.8	0.56	17.13	1	1	0	6	5	4	2	15
22	JODHPUR	32	0.05	3.5	0.22	13.49	8	5	0	14	1	3	13	18
23	KARALI	13	3.48	3.48	0.05	10.1	0	1	0	5	3	4	1	12
24	KOTA	14	0.66	0.66	0.1	3.47	1	0	0	9	4	0	1	13
25	NAGPUR	16	0.14	4.35	0.15	9.1	2	0	1	8	4	1	3	13
26	PALI	16	0.15	3.93	0.08	9.7	7	1	0	4	2	2	8	8
27	PRATAPGARH	8	0.1	0.2	0.1	8.6	2	0	0	5	0	1	2	6
28	RAJSAMAND	27	0.22	2.55	0.1	9.4	4	1	0	15	2	5	5	22
29	SAWAI MADHOPUR	13	0.25	0.25	0.13	9.75	1	0	0	7	3	2	1	12
30	SIKAR	28	0.2	2.95	0.07	14.73	4	1	0	12	2	8	5	22
31	SIROHI	15	0.05	9.41	0.05	9.43	6	0	1	6	0	2	7	8
32	TONK	15	0.1	0.73	0.62	10.85	3	0	0	5	3	4	3	12
33	UDAIPUR	37	0.24	3.85	0.05	10.46	2	2	0	20	8	5	4	33
	Grand Total	748	0.01	16.01	0.01	22.42	141	36	25	339	117	82	202	538

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN AUGUST, 2015 TO AUGUST, 2016														
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	0.72	10.18	0.8	12.93	3	0	2	4	8	10	5	22
2	ALWAR	26	0.28	4.2	0.02	6.45	8	2	2	11	1	2	12	14
3	BANSWARA	32	0.04	4.5	0.01	1.05	15	5	1	11	0	0	21	11
4	BARAN	19	0.2	4	0.05	2.1	7	6	0	5	1	0	13	6
5	BARMER	44	0.05	6.9	0.1	6	11	2	3	22	2	4	16	28
6	BHARATPUR	33	0.05	15.44	0.1	3.3	17	2	7	5	2	0	26	7
7	BHILWARA	26	1.51	2.65	0.26	11.19	2	1	0	5	4	14	3	23
8	BIKANER	33	0.1	12.83	0.02	5.62	6	2	1	18	4	2	9	24
9	BUNDI	12	0.3	7.9	0.3	1.7	7	1	1	2	0	0	9	2
10	CHITTAURGARH	15	0.29	11.35	1.94	14.96	3	0	5	1	1	5	8	7
11	CHURU	29	0.09	4.16	0.09	19.26	11	3	2	8	2	2	16	12
12	DAUSA	13	0.17	6.67	0.4	3.25	4	2	2	2	3	0	8	5
13	DHAULPUR	11	0.6	10.03	0.45	0.7	4	1	3	2	0	0	8	2
14	DUNGARPUR	24	0.47	9.79	0.23	9.3	7	6	3	6	1	1	16	8
15	GANGANAGAR	33	0.04	6.31	0.01	4.59	14	4	1	9	3	1	19	13
16	HANUMANGARH	29	0.1	9.2	0.35	3.63	10	2	5	11	1	0	17	12
17	JAIPUR	32	0.05	4.35	0.62	4.13	10	1	1	14	4	2	12	20
18	JAISALMER	39	0.02	13.7	0.03	4.9	11	1	1	18	6	2	13	26
19	JALORE	12	1.15	20.9	0.1	2.1	3	0	2	6	1	0	5	7
20	JHALAWAR	25	0.25	10.7	0.15	3.15	12	3	3	5	2	0	18	7
21	JHUNJHUNU	15	0.33	2.11	0.18	19.7	2	1	0	6	3	3	3	12
22	JODHPUR	28	0.08	7.55	0.14	4.5	10	4	4	6	2	2	18	10
23	KARALI	16	0.34	20.52	0.23	3.4	4	5	3	3	1	0	12	4
24	KOTA	17	0.2	17.5	-	-	9	3	5	0	0	0	17	0
25	NAGOUR	17	0.22	4.3	0.1	8.5	5	0	1	7	3	1	6	11
26	PALI	22	0.1	7.5	0.55	0.65	12	3	5	2	0	0	20	2
27	PRATAPGARH	16	0.04	5.34	1.25	2.13	11	0	2	1	2	0	13	3
28	RAJSAMAND	27	0.08	6.44	0.01	8.4	14	4	2	3	3	1	20	7
29	SAWAI MADHOPUR	16	0.29	8.27	0.25	1.3	5	6	2	3	0	0	13	3
30	SIKAR	32	0.02	9.07	0.16	8.84	4	1	2	12	7	6	7	25
31	SIROHI	13	0.1	0.1	0.2	2.8	1	0	0	8	2	0	1	10
32	TONK	14	0.2	7	0.2	4.59	6	1	3	2	0	2	10	4
33	UDAIPUR	42	0.15	8.69	0.26	7.60	18	10	3	10	0	1	31	11
	Grand Total	789	0.02	20.90	0.01	19.70	266	82	77	228	69	61	425	358

CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN NOVEMBER, 2015 TO NOVEMBER, 2016														
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	0.04	1.02	0.15	11.92	7	0	0	10	2	8	7	20
2	ALWAR	13	2.42	3.8	0.3	9.1	0	5	0	3	3	2	5	8
3	BANSWARA	39	0.1	5.96	0.31	2.95	19	14	3	2	1	0	36	3
4	BARAN	18	0.1	3.63	0.05	2.2	7	5	0	4	1	0	12	5
5	BARMER	46	0.03	2.8	0.05	2.93	19	3	0	21	1	0	22	22
6	BHARATPUR	26	0.15	11.82	0.47	5.09	6	1	1	7	10	1	8	18
7	BHILWARA	32	0.12	10.66	0.18	10.33	11	3	2	6	6	3	16	15
8	BIKANER	41	0.14	4.7	0.33	10.46	6	3	3	11	14	4	12	29
9	BUNDI	11	0.05	8.15	0.05	2.55	5	1	1	3	1	0	7	4
10	CHITTAURGARH	12	0.05	4.61	0.43	5.11	5	1	1	4	0	1	7	5
11	CHURU	23	0.04	5.33	0.08	9.54	3	2	1	12	3	2	6	17
12	DAUSA	10	0.13	5.3	0.52	6.92	1	2	1	2	1	3	4	6
13	DHAULPUR	10	0.85	5.54	0.2	3.42	3	1	2	1	3	0	6	4
14	DUNGARPUR	23	0.35	11.88	0.98	9.3	6	7	7	2	0	1	20	3
15	GANGANAGAR	34	0.01	4.7	0.2	8.94	17	3	1	8	4	1	21	13
16	HANUMANGARH	32	0.09	15.85	0.03	18.04	8	1	1	15	2	5	10	22
17	JAIPUR	36	0.02	6.21	0.06	4.62	8	7	4	13	3	1	19	17
18	JAISALMER	46	0.03	7.25	0.1	7.75	20	2	1	17	1	3	23	21
19	JALORE	18	0.14	7.1	0.12	9.85	3	2	1	9	1	1	6	11
20	JHALAWAR	25	0.05	14.15	0.1	3.6	13	1	3	4	2	0	17	6
21	JHUNJHUNU	16	0.22	1.96	0.23	18.28	5	0	0	7	3	1	5	11
22	JODHPUR	34	0.15	13.3	0.2	4.4	20	2	2	5	4	1	24	10
23	KARALI	15	0.28	10.13	0.3	6.92	4	0	3	5	2	1	7	8
24	KOTA	17	0.05	10	0.05	2.4	12	0	1	3	1	0	13	4
25	NAGOUR	16	0.95	2.5	0.25	9.8	1	1	0	7	3	1	2	11
26	PALI	17	0.1	6.89	0.7	1.5	8	3	3	2	0	0	14	2
27	PRATAPGARH	17	0.86	7.3	1	2.02	8	4	3	1	1	0	15	2
28	RAJSAMAND	27	0.1	6.81	0.65	8.1	12	9	3	1	0	2	24	3
29	SAWAI MADHOPUR	17	0.15	6.6	0.3	4.3	5	1	3	5	2	1	9	8
30	SIKAR	29	0.35	0.49	0.07	16.27	3	0	0	13	6	6	3	25
31	SIROHI	13	0.38	11.02	0.1	7.06	5	0	2	3	1	2	7	6
32	TONK	17	0.05	8.45	0.59	4.5	5	4	4	1	1	1	13	3
33	UDAIPUR	43	0.30	7.80	0.32	7.50	18	11	9	4	0	1	38	5
	Grand Total	800	0.01	15.85	0.03	18.28	273	99	66	211	83	53	438	347

## CATEGORISATION OF CHANGES IN WATER LEVEL BETWEEN JANUARY, 2016 TO JANUARY, 2017

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	0.35	8.3	0.3	2.5	9 33.3%	7 25.9%	9 33.3%	1 3.7%	1 3.7%	0 0.0%	25	2
2	ALWAR	25	0.03	3.75	0.23	28.25	3 12.0%	4 16.0%	0 0.0%	5 20.0%	10 40.0%	3 12.0%	7	18
3	BANSWARA	38	0.55	13.06	0.05	0.35	6 15.8%	15 39.5%	15 39.5%	2 5.3%	0 0.0%	0 0.0%	36	2
4	BARAN	16	0.2	4.21	0.11	2.14	5 31.3%	3 18.8%	1 6.3%	6 37.5%	1 6.3%	0 0.0%	9	7
5	BARMER	44	0.01	5.18	0.04	9.4	16 36.4%	1 2.3%	1 2.3%	17 38.6%	3 6.8%	6 13.6%	18	26
6	BHARATPUR	30	0.19	9.25	0.1	6.45	18 60.0%	2 6.7%	2 6.7%	5 16.7%	2 6.7%	1 3.3%	22	8
7	BHILWARA	33	0.5	19.7	0.34	6.05	6 18.2%	5 15.2%	16 48.5%	3 9.1%	2 6.1%	1 3.0%	27	6
8	BIKANER	38	0.01	5.2	0.02	14.71	14 36.8%	3 7.9%	1 2.6%	10 26.3%	9 23.7%	1 2.6%	18	20
9	BUNDI	11	0.1	6.32	0.15	0.64	6 54.5%	1 9.1%	1 9.1%	3 27.3%	0 0.0%	0 0.0%	8	3
10	CHITTAURGARH	13	0.3	16.8	0.1	1.41	1 7.7%	4 30.8%	5 38.5%	3 23.1%	0 0.0%	0 0.0%	10	3
11	CHURU	30	0.08	9.2	0.08	18	5 16.7%	1 3.3%	3 10.0%	15 50.0%	1 3.3%	5 16.7%	9	21
12	DAUSA	12	1.17	5.4	0.05	15.9	1 8.3%	1 8.3%	1 8.3%	1 8.3%	2 16.7%	6 50.0%	3	9
13	DHAULPUR	10	0.42	2.48	1.13	2.21	4 40.0%	3 30.0%	0 0.0%	2 20.0%	1 10.0%	0 0.0%	7	3
14	DUNGARPUR	21	0.57	9.39	0.35	0.35	5 23.8%	8 38.1%	7 33.3%	1 4.8%	0 0.0%	0 0.0%	20	1
15	GANGANAGAR	35	0.03	3.23	0.07	4.37	9 25.7%	1 2.9%	0 0.0%	22 62.9%	1 2.9%	2 5.7%	10	25
16	HANUMANGARH	32	0.04	24.26	0.02	11.1	8 25.0%	0 0.0%	2 6.3%	18 56.3%	1 3.1%	2 6.3%	10	21
17	JAIPUR	36	0.1	9.85	0.02	3.56	5 13.9%	7 19.4%	7 19.4%	12 33.3%	5 13.9%	0 0.0%	19	17
18	JAISALMER	46	0.04	3.9	0.1	6.4	17 37.0%	1 2.2%	0 0.0%	20 43.5%	3 6.5%	2 4.3%	18	25
19	JALORE	17	0.55	10.98	0.05	7.82	3 17.6%	0 0.0%	3 17.6%	9 52.9%	0 0.0%	2 11.8%	6	11
20	JHALAWAR	23	0.24	7.14	0.76	4.41	7 30.4%	3 13.0%	4 17.4%	5 21.7%	3 13.0%	1 4.3%	14	9
21	JHUNJHUNU	17	0.6	3.65	0.37	4.37	1 5.9%	4 23.5%	0 0.0%	8 47.1%	3 17.6%	1 5.9%	5	12
22	JODHPUR	40	0.1	7.37	0.03	4.3	19 47.5%	5 12.5%	2 5.0%	8 20.0%	4 10.0%	1 2.5%	26	13
23	KARALI	15	1	7.1	0.1	2.89	3 20.0%	1 6.7%	3 20.0%	6 40.0%	2 13.3%	0 0.0%	7	8
24	KOTA	16	0.09	1.75	0.09	1.09	10 62.5%	0 0.0%	0 0.0%	6 37.5%	0 0.0%	0 0.0%	10	6
25	NAGAU	18	0.6	1.38	0.18	5.6	7 38.9%	0 0.0%	0 0.0%	8 44.4%	2 11.1%	1 5.6%	7	11
26	PALI	21	0.44	11.79	0.1	1.4	10 47.6%	4 19.0%	4 19.0%	3 14.3%	0 0.0%	0 0.0%	18	3
27	PRATAPGARH	17	0.67	11.19	1.22	1.22	4 23.5%	6 35.3%	6 35.3%	1 5.9%	0 0.0%	0 0.0%	16	1
28	RAJSAMAND	25	0.23	11.11	0.21	1.33	5 20.0%	5 20.0%	13 52.0%	2 8.0%	0 0.0%	0 0.0%	23	2
29	SAWAI MADHOPUR	15	0.24	9.13	0.45	1.4	10 66.7%	1 6.7%	1 6.7%	3 20.0%	0 0.0%	0 0.0%	12	3
30	SIKAR	34	0.03	12.41	0.04	21.45	7 20.6%	2 5.9%	1 2.9%	17 50.0%	2 5.9%	5 14.7%	10	24
31	SIROHI	14	0.43	11.73	0.47	5.2	6 42.9%	2 14.3%	1 7.1%	3 21.4%	0 0.0%	2 14.3%	9	5
32	TONK	16	0.15	10.6	0.35	2.9	7 43.8%	2 12.5%	4 25.0%	2 12.5%	1 6.3%	0 0.0%	13	3
33	UDAIPUR	43	0.06	9.58	0.16	7.25	10 23.3%	15 34.9%	14 32.6%	3 7.0%	0 0.0%	1 2.3%	39	4
	Grand Total	828	0.01	24.26	0.02	28.25	247 29.8%	117 14.1%	127 15.3%	230 27.8%	59 7.1%	43 5.2%	491	332

## Annexure XIII

CATEGORISATION OF CHANGES IN WATER LEVEL DURING MAY 2016 WITH RESPECT TO DECADAL AVERAGE OF MAY (2006 TO 2015)														
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	24	0.38	6.52	0.1	9.02	5 20.8%	5 20.8%	3 12.5%	4 16.7%	2 8.3%	5 20.8%	13	11
2	ALWAR	27	0.33	0.91	0.18	18.33	2 7.4%	0 0.0%	0 0.0%	4 14.8%	5 18.5%	16 59.3%	2	25
3	BANSWARA	36	0.41	3.59	0.06	9.32	6 16.7%	2 5.6%	0 0.0%	17 47.2%	7 19.4%	4 11.1%	8	28
4	BARAN	16	0.02	7.41	0.15	2.85	7 43.8%	1 6.3%	1 6.3%	5 31.3%	2 12.5%	0 0.0%	9	7
5	BARMER	54	0.11	13.44	0.18	12.05	15 27.8%	5 9.3%	3 5.6%	16 29.6%	8 14.8%	7 13.0%	23	31
6	BHARATPUR	29	0.32	3.2	0.1	10.44	3 10.3%	2 6.9%	0 0.0%	9 31.0%	10 34.5%	5 17.2%	5	24
7	BHILWARA	29	0.15	7.04	0.23	11.1	8 27.6%	2 6.9%	6 20.7%	6 20.7%	4 13.8%	3 10.3%	16	13
8	BIKANER	40	0.1	32.13	0.05	6.99	14 35.0%	7 17.5%	2 5.0%	8 20.0%	4 10.0%	5 12.5%	23	17
9	BUNDI	11	0.12	3.46	0.08	2.78	4 36.4%	3 27.3%	0 0.0%	3 27.3%	1 9.1%	0 0.0%	7	4
10	CHITTAURGARH	13	0.28	7.55	0.51	4.48	4 30.8%	3 23.1%	2 15.4%	2 15.4%	1 7.7%	1 7.7%	9	4
11	CHURU	34	0.18	8.66	0.13	24.15	6 17.6%	3 8.8%	2 5.9%	17 50.0%	3 8.8%	3 8.8%	11	23
12	DAUSA	13	4.65	4.65	2.22	15.24	0 0.0%	0 0.0%	1 7.7%	0 0.0%	4 30.8%	8 61.5%	1	12
13	DHAULPUR	11	0.52	5.69	0.31	11.98	2 18.2%	0 0.0%	1 9.1%	5 45.5%	1 9.1%	2 18.2%	3	8
14	DUNGARPUR	18	0.03	5.26	0.37	3.13	2 11.1%	1 5.6%	1 5.6%	10 55.6%	4 22.2%	0 0.0%	4	14
15	GANGANAGAR	40	0.06	6.13	0.09	0.62	27 67.5%	6 15.0%	2 5.0%	5 12.5%	0 0.0%	0 0.0%	35	5
16	HANUMANGARH	32	0.05	5.58	0.14	5.46	14 43.8%	4 12.5%	2 6.3%	6 18.8%	5 15.6%	1 3.1%	20	12
17	JAIPUR	35	0.82	8.77	0.04	16.23	3 8.6%	2 5.7%	6 17.1%	8 22.9%	2 5.7%	14 40.0%	11	24
18	JAISALMER	49	0.1	7.95	0.04	6.3	18 36.7%	4 8.2%	2 4.1%	15 30.6%	4 8.2%	6 12.2%	24	25
19	JALORE	14	0.2	5.9	0.28	9.78	5 35.7%	1 7.1%	2 14.3%	2 14.3%	2 14.3%	2 14.3%	8	6
20	JHALAWAR	24	0.29	7.44	0.05	2.92	11 45.8%	4 16.7%	1 4.2%	7 29.2%	1 4.2%	0 0.0%	16	8
21	JHUNJHUNU	19	-	-	0.15	28.35	0 0.0%	0 0.0%	0 0.0%	2 10.5%	4 21.1%	13 68.4%	0	19
22	JODHPUR	40	0.05	15.99	0.03	10.27	6 15.0%	9 22.5%	5 12.5%	12 30.0%	4 10.0%	3 7.5%	20	19
23	KARAULI	17	0.21	12.95	0.37	8.4	3 17.6%	0 0.0%	2 11.8%	3 17.6%	5 29.4%	4 23.5%	5	12
24	KOTA	15	0.03	4.41	0.14	3.1	5 33.3%	1 6.7%	1 6.7%	6 40.0%	2 13.3%	0 0.0%	7	8
25	NAGAU	19	0.02	9.72	0.1	6.98	4 21.1%	0 0.0%	2 10.5%	7 36.8%	4 21.1%	2 10.5%	6	13
26	PALI	21	0.19	4.37	0.02	2.65	6 28.6%	5 23.8%	1 4.8%	5 23.8%	4 19.0%	0 0.0%	12	9
27	PRATAPGARH	14	0.06	1.08	0.18	9.1	4 28.6%	0 0.0%	0 0.0%	6 42.9%	1 7.1%	3 21.4%	4	10
28	RAJSAMAND	30	0.21	2.64	0.07	5.41	11 36.7%	3 10.0%	0 0.0%	10 33.3%	4 13.3%	2 6.7%	14	16
29	SAWAI MADHOPUR	14	0.37	1.4	0.1	6.02	5 35.7%	0 0.0%	0 0.0%	4 28.6%	4 28.6%	1 7.1%	5	9
30	SIKAR	35	0.2	1.51	0.02	22.18	4 11.4%	0 0.0%	0 0.0%	8 22.9%	6 17.1%	16 45.7%	4	30
31	SIROHI	17	0.19	5.62	0.46	8.89	4 23.5%	1 5.9%	1 5.9%	2 11.8%	5 29.4%	4 23.5%	6	11
32	TONK	17	0.11	6.91	0.39	9.27	7 41.2%	2 11.8%	2 11.8%	3 17.6%	1 5.9%	2 11.8%	11	6
33	UDAIPUR	39	0.06	4.53	0.08	11.82	7 17.9%	4 10.3%	1 2.6%	17 43.6%	6 15.4%	4 10.3%	12	27
	Grand Total	846	0.02	32.13	0.02	28.35	222 26.2%	80 9.5%	52 6.1%	234 27.7%	120 14.2%	136 16.1%	354	490



## Annexure XIV

CATEGORISATION OF CHANGES IN WATER LEVEL DURING AUGUST 2016 WITH RESPECT TO DECADAL AVERAGE OF AUGUST (2006 TO 2015)															
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	27	0.15	4.63	0.12	9.94	4	3	1	7	3	9	8	19	
2	ALWAR	29	0.96	5.86	0.11	15.15	1	2	3	7	0	16	6	23	
3	BANSWARA	37	0.12	6.53	0.65	0.65	25	9	2	1	0	0	36	1	
4	BARAN	20	0.41	4.81	0.19	1.6	8	4	2	6	0	0	14	6	
5	BARMER	50	0.03	16.15	0.16	8.72	10	5	5	17	5	8	20	30	
6	BHARATPUR	33	0.06	9.45	0.24	9.98	7	6	1	10	7	2	14	19	
7	BHILWARA	30	0.59	6.28	0.09	14.63	4	0	2	6	4	14	6	24	
8	BIKANER	42	0.39	26.15	0.28	18.89	14	7	3	9	2	7	24	18	
9	BUNDI	12	0.77	11.54	3.39	3.39	6	2	3	0	1	0	11	1	
10	CHITTAURGARH	16	0.16	8.08	1.8	10.67	2	1	3	1	3	6	6	10	
11	CHURU	30	0.06	9.54	0.03	18.81	12	5	1	6	3	3	18	12	
12	DAUSA	18	0.35	7.58	1.6	12.81	2	3	2	1	1	8	7	10	
13	DHAULPUR	11	2.5	7.16	0.25	5.1	0	2	3	4	0	2	5	6	
14	DUNGARPUR	24	0.01	3.75	0.07	7.34	16	6	0	1	0	1	22	2	
15	GANGANAGAR	36	0.14	6.11	0.03	4.22	18	5	2	10	0	1	25	11	
16	HANUMANGARH	32	0.05	11.48	0.88	6.05	7	3	7	6	8	1	17	15	
17	JAIPUR	35	0.18	10.05	0.59	17.16	2	3	4	10	3	13	9	26	
18	JAISALMER	46	0.08	9.29	0.03	11.91	13	3	2	16	7	5	18	28	
19	JALORE	13	0.38	8.97	0.1	6.65	5	0	2	3	2	1	7	6	
20	JHALAWAR	26	0.34	9.47	0.25	0.56	10	6	7	3	0	0	23	3	
21	JHUNJHUNU	15	-	-	0.67	30.77	0	0	0	2	4	9	0	15	
22	JODHPUR	36	0.12	16.94	0.03	22.67	11	2	11	6	4	2	24	12	
23	KARAULI	21	0.33	17.59	0.28	5.23	6	3	6	5	0	1	15	6	
24	KOTA	17	0.01	17.79	0.63	0.63	7	5	4	1	0	0	16	1	
25	NAGAU	19	0.2	4.71	0.1	11.6	4	2	1	6	4	2	7	12	
26	PALI	24	0.38	13.34	0.52	0.85	8	6	8	2	0	0	22	2	
27	PRATAPGARH	18	0.15	8.53	0.34	2.8	8	2	3	4	1	0	13	5	
28	RAJSAMAND	28	0.6	10.54	0.08	4.09	7	8	8	3	1	1	23	5	
29	SAWAI MADHOPUR	17	0.24	8.79	2.26	2.75	5	7	3	0	2	0	15	2	
30	SIKAR	33	0.02	5.98	0.04	21.67	3	0	1	10	4	15	4	29	
31	SIROHI	15	0.79	8.19	0.19	4.04	2	3	5	4	0	1	10	5	
32	TONK	19	0.46	10.05	0.82	2.65	2	6	7	3	1	0	15	4	
33	UDAIPUR	42	0.20	12.08	0.05	4.62	17	14	6	4	0	1	37	5	
	Grand Total	871	0.01	26.15	0.03	30.77	246	133	118	174	70	129	497	373	

CATEGORISATION OF CHANGES IN WATER LEVEL DURING NOVEMBER 2016 WITH RESPECT TO DECADAL AVERAGE OF NOVEMBER (2006 TO 2015)															
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	30	0.29	5.01	0.17	9.53	8	2	3	7	1	9	13	17	
2	ALWAR	14	0.4	6.23	1.09	15.06	2	1	2	4	2	3	5	9	
3	BANSWARA	40	0.33	8.33	0.04	1.42	16	14	7	3	0	0	37	3	
4	BARAN	18	0.25	2.7	0.14	3.03	8	3	0	6	1	0	11	7	
5	BARMER	48	0.08	13	0.09	8.98	16	7	3	10	9	3	26	22	
6	BHARATPUR	27	0.15	6.59	0.1	7.18	3	0	1	7	5	11	4	23	
7	BHILWARA	35	0.04	5.62	0.01	17.99	6	3	5	7	3	11	14	21	
8	BIKANER	42	0.23	32.54	0.06	22.94	14	5	3	10	4	6	22	20	
9	BUNDI	12	0.48	12.01	0.04	0.18	5	2	3	2	0	0	10	2	
10	CHITTAURGARH	16	0	8.01	0.16	5.41	6	3	2	2	2	1	11	5	
11	CHURU	29	0	3.95	0.25	13.12	11	3	0	7	5	3	14	15	
12	DAUSA	13	1.66	4.34	1.42	15.73	1	1	1	2	2	6	3	10	
13	DHAULPUR	10	0.15	8.83	0.52	14.11	2	1	2	2	0	3	5	5	
14	DUNGARPUR	23	0.15	6.24	5.79	5.79	12	7	3	0	0	1	22	1	
15	GANGANAGAR	36	0.07	5.75	0.42	3.11	17	9	2	5	3	0	28	8	
16	HANUMANGARH	36	0.4	10.84	0.11	12.8	7	3	3	11	6	6	13	23	
17	JAIPUR	40	0.31	11.18	0.21	13.7	5	4	6	4	6	15	15	25	
18	JAISALMER	51	0.08	3.07	0.01	8.35	16	4	0	21	5	5	20	31	
19	JALORE	21	0.15	10.31	0.12	10.3	5	1	3	9	0	3	9	12	
20	JHALAWAR	27	0.34	7.56	0.08	2.59	10	3	5	7	2	0	18	9	
21	JHUNJHUNU	16	-	-	2.07	31.08	0	0	0	0	6	10	0	16	
22	JODHPUR	42	0.15	10.88	0.05	6.98	14	8	8	7	3	2	30	12	
23	KARALI	16	0.09	9.21	0.02	6.46	3	2	2	4	3	2	7	9	
24	KOTA	17	0.33	13.14	0.07	5.34	8	2	1	5	0	1	11	6	
25	NAGPUR	17	0.18	7.56	1.1	12.47	2	2	1	7	2	3	5	12	
26	PALI	21	0.58	11.15	0.34	1.46	6	7	5	3	0	0	18	3	
27	PRATAPGARH	18	0.56	8.24	0.27	2.46	7	3	5	2	1	0	15	3	
28	RAJSAMAND	28	0.25	8.34	0.05	5.74	5	8	9	5	0	1	22	6	
29	SAWAI MADHOPUR	18	0.31	4.18	0.41	3.17	8	3	1	1	5	0	12	6	
30	SIKAR	35	0.13	0.91	0.11	21.97	4	0	0	11	5	15	4	31	
31	SIROHI	15	0.27	8.75	0.7	3.44	7	2	2	1	3	0	11	4	
32	TONK	19	0.28	8.24	0.8	6.18	4	5	4	4	1	1	13	6	
33	UDAIPUR	43	0.30	15.56	0.09	7.52	18	13	8	3	0	1	39	4	
	Grand Total	873	0.00	32.54	0.01	31.08	256	131	100	179	85	122	487	386	

CATEGORISATION OF CHANGES IN WATER LEVEL DURING JANUARY 2017 WITH RESPECT TO DECADAL AVERAGE OF JANUARY (2007 TO 2016)															
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	29	0.01	5.54	0.58	4.76	13 44.8%	10 34.5%	2 6.9%	1 3.4%	1 3.4%	2 6.9%	25	4	
2	ALWAR	28	0.53	3.85	0.54	37.09	2 7.1%	1 3.6%	0 0.0%	6 21.4%	1 3.6%	18 64.3%	3	25	
3	BANSWARA	41	0.09	8.32	0.1	0.74	10 24.4%	16 39.0%	12 29.3%	3 7.3%	0 0.0%	0 0.0%	38	3	
4	BARAN	19	0.34	2.97	0.08	1.6	8 42.1%	3 15.8%	0 0.0%	8 42.1%	0 0.0%	0 0.0%	11	8	
5	BARMER	51	0.01	10.15	0.21	14.54	16 31.4%	5 9.8%	3 5.9%	13 25.5%	6 11.8%	8 15.7%	24	27	
6	BHARATPUR	33	0.05	16.95	0.15	10.46	11 33.3%	2 6.1%	2 6.1%	7 21.2%	6 18.2%	5 15.2%	15	18	
7	BHILWARA	37	0.05	11.75	0.67	8.18	8 21.6%	7 18.9%	12 32.4%	4 10.8%	4 10.8%	2 5.4%	27	10	
8	BIKANER	44	0.42	25.38	0.26	14.87	18 40.9%	4 9.1%	2 4.5%	9 20.5%	4 9.1%	7 15.9%	24	20	
9	BUNDI	12	0.76	7.65	0.33	1.51	4 33.3%	2 16.7%	3 25.0%	3 25.0%	0 0.0%	0 0.0%	9	3	
10	CHITTAURGARH	17	0.24	10.31	0.88	3	2 11.8%	3 17.6%	7 41.2%	3 17.6%	2 11.8%	0 0.0%	12	5	
11	CHURU	33	0.07	6	0.27	18.12	9 27.3%	3 9.1%	1 3.0%	13 39.4%	0 0.0%	7 21.2%	13	20	
12	DAUSA	17	0.12	2.68	0.68	18.05	1 5.9%	1 5.9%	0 0.0%	1 5.9%	1 5.9%	13 76.5%	2	15	
13	DHAULPUR	13	1.53	4.7	0.15	12.48	3 23.1%	2 15.4%	1 7.7%	4 30.8%	1 7.7%	2 15.4%	6	7	
14	DUNGARPUR	24	0.17	6.59	-	-	8 33.3%	11 45.8%	5 20.8%	0 0.0%	0 0.0%	0 0.0%	24	0	
15	GANGANAGAR	36	0.15	4.5	0.09	3.54	20 55.6%	5 13.9%	1 2.8%	9 25.0%	1 2.8%	0 0.0%	26	10	
16	HANUMANGARH	34	0.24	8.89	0.43	11.79	6 17.6%	4 11.8%	3 8.8%	13 38.2%	6 17.6%	2 5.9%	13	21	
17	JAIPUR	41	0.16	11.04	0.7	17.65	4 9.8%	8 19.5%	6 14.6%	5 12.2%	6 14.6%	12 29.3%	18	23	
18	JAISALMER	55	0.09	7.68	0.07	10.62	18 32.7%	5 9.1%	2 3.6%	18 32.7%	7 12.7%	5 9.1%	25	30	
19	JALORE	18	0.5	11.81	0.15	7.82	5 27.8%	0 0.0%	3 16.7%	8 44.4%	1 5.6%	1 5.6%	8	10	
20	JHALAWAR	24	0.07	11.59	0.8	3.9	8 33.3%	7 29.2%	3 12.5%	4 16.7%	2 8.3%	0 0.0%	18	6	
21	JHUNJHUNU	20	0.19	3.65	1.2	29.25	1 5.0%	1 5.0%	0 0.0%	1 5.0%	6 30.0%	11 55.0%	2	18	
22	JODHPUR	47	0.04	11.26	0	27.83	17 36.2%	4 8.5%	7 14.9%	9 19.1%	4 8.5%	6 12.8%	28	19	
23	KARALI	18	0.45	10.91	0.1	5.57	4 22.2%	2 11.1%	4 22.2%	4 22.2%	3 16.7%	1 5.6%	10	8	
24	KOTA	16	0.03	4.79	0.03	0.89	7 43.8%	3 18.8%	1 6.3%	5 31.3%	0 0.0%	0 0.0%	11	5	
25	NAGPUR	30	0.14	5.1	0.11	9	5 16.7%	2 6.7%	1 3.3%	8 26.7%	8 26.7%	1 3.3%	8	17	
26	PALI	22	0.46	11.26	0.3	0.71	6 27.3%	7 31.8%	7 31.8%	2 9.1%	0 0.0%	0 0.0%	20	2	
27	PRATAPGARH	18	1.13	8.65	0.03	2.3	3 16.7%	4 22.2%	8 44.4%	2 11.1%	1 5.6%	0 0.0%	15	3	
28	RAJSAMAND	28	0.39	16.45	0.86	3.55	4 14.3%	7 25.0%	15 53.6%	1 3.6%	1 3.6%	0 0.0%	26	2	
29	SAWAI MADHOPUR	17	0.02	2.44	0.37	5.58	6 35.3%	2 11.8%	0 0.0%	6 35.3%	2 11.8%	1 5.9%	8	9	
30	SIKAR	36	0.22	13.58	0.05	25.09	5 13.9%	2 5.6%	1 2.8%	10 27.8%	3 8.3%	15 41.7%	8	28	
31	SIROHI	15	0.21	4.78	0.62	9.09	3 20.0%	2 13.3%	3 20.0%	3 20.0%	1 6.7%	2 13.3%	8	6	
32	TONK	19	0.74	7.6	0.35	4.59	5 26.3%	6 31.6%	4 21.1%	2 10.5%	1 5.3%	1 5.3%	15	4	
33	UDAIPUR	45	0.58	15.70	0.11	6.09	8 17.8%	15 33.3%	18 40.0%	3 6.7%	0 0.0%	1 2.2%	41	4	
	Grand Total	937	0.01	25.38	0.00	37.09	248 26.5%	156 16.6%	137 14.6%	188 20.1%	79 8.4%	123 13.1%	541	390	

**District wise distribution (nos) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2016)**

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	0-200
1	AJMER	24	6	11	7	15	7	2	16	3	5	7	2	15	18	6	10
2	ALWAR	42	12	25	5	28	10	4	38	0	4	37	0	5	37	5	6
3	BANSWARA	12	3	9	0	12	0	0	9	3	0	8	2	2	8	4	0
4	BARAN	16	6	9	1	14	2	0	10	4	2	15	0	1	15	1	2
5	BARMER	25	1	11	13	7	9	9	11	5	9	9	11	5	10	15	2
6	BHARATPUR	40	5	13	22	12	13	15	18	9	13	19	5	16	25	15	7
7	BHILWARA	27	0	22	5	12	13	2	19	6	2	11	4	12	17	10	0
8	BIKANER	15	11	3	1	14	1	0	14	1	0	3	5	7	13	2	13
9	BUNDI	11	2	8	1	8	3	0	9	1	1	5	4	2	9	2	1
10	CHITTAURGARH	13	2	10	1	11	2	0	12	0	1	8	1	4	9	4	4
11	CHURU	23	4	8	11	4	14	5	13	5	5	9	2	12	7	16	8
12	DAUSA	24	2	14	8	9	13	2	12	7	5	11	3	10	21	3	2
13	DHAULPUR	16	2	13	1	10	6	0	13	1	2	10	3	3	11	5	2
14	DUNGARPUR	4	1	3	0	4	0	0	4	0	0	3	1	0	3	1	1
15	GANGANAGAR	17	12	3	2	14	3	0	15	1	1	14	0	3	16	1	12
16	HANUMANGARH	24	14	8	2	20	3	1	20	1	3	20	3	1	19	5	16
17	JAIPUR	12	2	8	2	8	3	1	10	1	1	5	1	6	8	4	7
18	JAISALMER	37	0	20	17	8	21	8	9	10	18	19	13	5	19	18	2
19	JALORE	5	0	0	5	0	0	5	1	3	1	2	2	1	2	3	0
20	JHALAWAR	25	8	15	2	19	6	0	22	0	3	23	1	1	18	7	7
21	JHUNJHUNU	6	1	5	0	4	2	0	6	0	0	4	2	0	4	2	2
22	JODHPUR	28	3	14	11	8	16	4	18	7	3	13	3	12	12	16	8
23	KARAULI	18	3	11	4	13	4	1	13	2	3	13	4	1	10	8	1
24	KOTA	16	3	12	1	10	6	0	13	2	1	14	2	0	12	4	3
25	NAGOUR	16	0	3	13	2	7	7	5	6	5	9	2	5	3	13	1
26	PALI	18	1	10	7	9	7	2	11	3	4	6	6	6	13	5	3
27	PRATAPGARH	8	4	4	0	7	1	0	7	1	0	7	0	1	6	2	0
28	RAJSAMAND	20	1	16	3	13	5	2	17	2	1	12	5	3	11	9	2
29	SAWAI MADHOPUR	19	0	16	3	12	7	0	14	5	0	14	3	2	14	5	5
30	SIKAR	26	2	21	3	14	12	0	21	5	0	6	6	14	13	13	17
31	SIROHI	14	1	11	2	11	2	1	10	3	1	4	2	8	6	8	1
32	TONK	17	4	10	3	10	5	2	12	5	0	12	2	3	11	6	3
33	UDAIPUR	28	4	22	2	20	7	1	24	3	1	23	1	4	22	6	0
Total		646	120	368	158	362	210	74	446	105	95	375	101	170	422	224	148

**District wise distribution (nos) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2016)**

S. No.	DISTRICT	Samples analysed	TH		Ca			Mg			Fe		Electrical Conductance			
			201-600	>600	0-75	76-200	>200	0-30	31-100	>100	0-0.30	>0.30	0-750	751-1500	1500 -3000	>3000
1	AJMER	24	10	4	15	8	1	12	9	3	11	13	6	8	3	7
2	ALWAR	42	32	4	33	7	2	15	23	4	21	21	12	17	7	6
3	BANSWARA	12	12	0	6	6	0	5	7	0	5	7	3	7	2	0
4	BARAN	16	11	3	7	9	0	4	11	1	11	5	6	6	3	1
5	BARMER	25	14	9	11	11	3	6	12	7	17	8	1	3	8	13
6	BHARATPUR	40	16	17	24	8	8	7	14	19	26	14	4	9	5	22
7	BHILWARA	27	23	4	21	6	0	3	22	2	14	13	0	11	11	5
8	BIKANER	15	1	1	14	1	0	14	1	0	9	6	11	2	1	1
9	BUNDI	11	8	2	9	1	1	3	7	1	8	3	2	2	5	2
10	CHITTAURGARH	13	9	0	8	5	0	8	5	0	12	1	2	7	3	1
11	CHURU	23	8	7	16	6	1	8	8	7	19	4	4	0	8	11
12	DAUSA	24	18	4	14	9	1	6	14	4	11	13	2	5	9	8
13	DHAULPUR	16	11	3	8	7	1	5	7	4	7	9	2	5	7	2
14	DUNGARPUR	4	2	1	4	0	0	1	2	1	1	3	1	2	1	0
15	GANGANAGAR	17	3	2	14	2	1	14	1	2	13	4	12	2	1	2
16	HANUMANGARH	24	5	3	20	2	2	16	5	3	14	10	14	4	3	3
17	JAIPUR	12	3	2	12	0	0	7	3	2	10	2	2	5	3	2
18	JAISALMER	37	25	10	18	13	6	6	24	7	32	5	0	3	16	18
19	JALORE	5	1	4	0	5	0	0	4	1	5	0	0	0	0	5
20	JHALAWAR	25	15	3	16	9	0	13	8	4	17	8	8	11	4	2
21	JHUNJHUNU	6	4	0	6	0	0	4	2	0	4	2	1	2	3	0
22	JODHPUR	28	16	4	17	11	0	10	15	3	17	11	3	4	9	12
23	KARAULI	18	15	2	10	6	2	3	14	1	16	2	3	10	1	4
24	KOTA	16	13	0	13	3	0	4	11	1	11	5	3	6	6	1
25	NAGOUR	16	10	5	7	7	2	1	11	4	12	4	0	2	1	13
26	PALI	18	10	5	9	5	4	6	8	4	14	4	1	6	4	7
27	PRATAPGARH	8	8	0	5	3	0	2	6	0	4	4	2	5	1	0
28	RAJSAMAND	20	13	5	9	10	1	7	10	3	7	13	1	10	6	3
29	SAWAI MADHOPUR	19	11	3	14	5	0	3	14	2	13	6	0	8	8	3
30	SIKAR	26	9	0	24	2	0	14	12	0	19	7	2	6	15	3
31	SIROHI	14	12	1	6	8	0	3	11	0	7	7	1	8	3	2
32	TONK	17	11	3	14	2	1	4	10	3	13	4	4	2	8	3
33	UDAIPUR	28	25	3	12	14	2	10	16	2	18	10	4	15	7	2
Total		646	384	114	416	191	39	224	327	95	418	228	117	193	172	164

## District wise distribution (%) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2016)

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	0-200
1	AJMER	24	25.00	45.83	29.17	62.50	29.17	8.33	66.67	12.50	20.83	29.17	8.33	62.50	75.00	25.00	41.67
2	ALWAR	42	28.57	59.52	11.90	66.67	23.81	9.52	90.48	0.00	9.52	88.10	0.00	11.90	88.10	11.90	14.29
3	BANSWARA	12	25.00	75.00	0.00	100.00	0.00	0.00	75.00	25.00	0.00	66.67	16.67	16.67	66.67	33.33	0.00
4	BARAN	16	37.50	56.25	6.25	87.50	12.50	0.00	62.50	25.00	12.50	93.75	0.00	6.25	93.75	6.25	12.50
5	BARMER	25	4.00	44.00	52.00	28.00	36.00	36.00	44.00	20.00	36.00	36.00	44.00	20.00	40.00	60.00	8.00
6	BHARATPUR	40	12.50	32.50	55.00	30.00	32.50	37.50	45.00	22.50	32.50	47.50	12.50	40.00	62.50	37.50	17.50
7	BHILWARA	27	0.00	81.48	18.52	44.44	48.15	7.41	70.37	22.22	7.41	40.74	14.81	44.44	62.96	37.04	0.00
8	BIKANER	15	73.33	20.00	6.67	93.33	6.67	0.00	93.33	6.67	0.00	20.00	33.33	46.67	86.67	13.33	86.67
9	BUNDI	11	18.18	72.73	9.09	72.73	27.27	0.00	81.82	9.09	9.09	45.45	36.36	18.18	81.82	18.18	9.09
10	CHITTAURGARH	13	15.38	76.92	7.69	84.62	15.38	0.00	92.31	0.00	7.69	61.54	7.69	30.77	69.23	30.77	30.77
11	CHURU	23	17.39	34.78	47.83	17.39	60.87	21.74	56.52	21.74	21.74	39.13	8.70	52.17	30.43	69.57	34.78
12	DAUSA	24	8.33	58.33	33.33	37.50	54.17	8.33	50.00	29.17	20.83	45.83	12.50	41.67	87.50	12.50	8.33
13	DHAULPUR	16	12.50	81.25	6.25	62.50	37.50	0.00	81.25	6.25	12.50	62.50	18.75	18.75	68.75	31.25	12.50
14	DUNGARPUR	4	25.00	75.00	0.00	100.00	0.00	0.00	100.00	0.00	0.00	75.00	25.00	0.00	75.00	25.00	25.00
15	GANGANAGAR	17	70.59	17.65	11.76	82.35	17.65	0.00	88.24	5.88	5.88	82.35	0.00	17.65	94.12	5.88	70.59
16	HANUMANGARH	24	58.33	33.33	8.33	83.33	12.50	4.17	83.33	4.17	12.50	83.33	12.50	4.17	79.17	20.83	66.67
17	JAIPUR	12	16.67	66.67	16.67	66.67	25.00	8.33	83.33	8.33	8.33	41.67	8.33	50.00	66.67	33.33	58.33
18	JAISALMER	37	0.00	54.05	45.95	21.62	56.76	21.62	24.32	27.03	48.65	51.35	35.14	13.51	51.35	48.65	5.41
19	JALORE	5	0.00	0.00	100.00	0.00	0.00	100.00	20.00	60.00	20.00	40.00	40.00	20.00	40.00	60.00	0.00
20	JHALAWAR	25	32.00	60.00	8.00	76.00	24.00	0.00	88.00	0.00	12.00	92.00	4.00	4.00	72.00	28.00	28.00
21	JHUNJHUNU	6	16.67	83.33	0.00	66.67	33.33	0.00	100.00	0.00	0.00	66.67	33.33	0.00	66.67	33.33	33.33
22	JODHPUR	28	10.71	50.00	39.29	28.57	57.14	14.29	64.29	25.00	10.71	46.43	10.71	42.86	42.86	57.14	28.57
23	KARAULI	18	16.67	61.11	22.22	72.22	22.22	5.56	72.22	11.11	16.67	72.22	22.22	5.56	55.56	44.44	5.56
24	KOTA	16	18.75	75.00	6.25	62.50	37.50	0.00	81.25	12.50	6.25	87.50	12.50	0.00	75.00	25.00	18.75
25	NAGOUR	16	0.00	18.75	81.25	12.50	43.75	43.75	31.25	37.50	31.25	56.25	12.50	31.25	18.75	81.25	6.25
26	PALI	18	5.56	55.56	38.89	50.00	38.89	11.11	61.11	16.67	22.22	33.33	33.33	33.33	72.22	27.78	16.67
27	PRATAPGARH	8	50.00	50.00	0.00	87.50	12.50	0.00	87.50	12.50	0.00	87.50	0.00	12.50	75.00	25.00	0.00
28	RAJSAMAND	20	5.00	80.00	15.00	65.00	25.00	10.00	85.00	10.00	5.00	60.00	25.00	15.00	55.00	45.00	10.00
29	SAWAI MADHOPUR	19	0.00	84.21	15.79	63.16	36.84	0.00	73.68	26.32	0.00	73.68	15.79	10.53	73.68	26.32	26.32
30	SIKAR	26	7.69	80.77	11.54	53.85	46.15	0.00	80.77	19.23	0.00	23.08	23.08	53.85	50.00	50.00	65.38
31	SIROHI	14	7.14	78.57	14.29	78.57	14.29	7.14	71.43	21.43	7.14	28.57	14.29	57.14	42.86	57.14	7.14
32	TONK	17	23.53	58.82	17.65	58.82	29.41	11.76	70.59	29.41	0.00	70.59	11.76	17.65	64.71	35.29	17.65
33	UDAIPUR	28	14.29	78.57	7.14	71.43	25.00	3.57	85.71	10.71	3.57	82.14	3.57	14.29	78.57	21.43	0.00
Total		646	19.89	57.58	22.54	60.24	28.54	11.22	71.55	16.30	12.15	58.49	16.87	24.64	65.53	34.47	23.20

## District wise distribution (%) of major constituents within acceptable limit, permissible limit and beyond permissible limit (Pre-monsoon, 2016)

S. No.	DISTRICT	Samples analysed	TH		Ca			Mg			Fe		Electrical Conductance			
			201-600	>600	0-75	76-200	>200	0-30	31-100	>100	0-0.30	>0.30	0-750	751-1500	1500 -3000	>3000
1	AJMER	24	41.67	16.67	62.50	33.33	4.17	50.00	37.50	12.50	45.83	54.17	25.00	33.33	12.50	29.17
2	ALWAR	42	76.19	9.52	78.57	16.67	4.76	35.71	54.76	9.52	50.00	50.00	28.57	40.48	16.67	14.29
3	BANSWARA	12	100.00	0.00	50.00	50.00	0.00	41.67	58.33	0.00	41.67	58.33	25.00	58.33	16.67	0.00
4	BARAN	16	68.75	18.75	43.75	56.25	0.00	25.00	68.75	6.25	68.75	31.25	37.50	37.50	18.75	6.25
5	BARMER	25	56.00	36.00	44.00	44.00	12.00	24.00	48.00	28.00	68.00	32.00	4.00	12.00	32.00	52.00
6	BHARATPUR	40	40.00	42.50	60.00	20.00	20.00	17.50	35.00	47.50	65.00	35.00	10.00	22.50	12.50	55.00
7	BHILWARA	27	85.19	14.81	77.78	22.22	0.00	11.11	81.48	7.41	51.85	48.15	0.00	40.74	40.74	18.52
8	BIKANER	15	6.67	6.67	93.33	6.67	0.00	93.33	6.67	0.00	60.00	40.00	73.33	13.33	6.67	6.67
9	BUNDI	11	72.73	18.18	81.82	9.09	9.09	27.27	63.64	9.09	72.73	27.27	18.18	18.18	45.45	18.18
10	CHITTAURGARH	13	69.23	0.00	61.54	38.46	0.00	61.54	38.46	0.00	92.31	7.69	15.38	53.85	23.08	7.69
11	CHURU	23	34.78	30.43	69.57	26.09	4.35	34.78	34.78	30.43	82.61	17.39	17.39	0.00	34.78	47.83
12	DAUSA	24	75.00	16.67	58.33	37.50	4.17	25.00	58.33	16.67	45.83	54.17	8.33	20.83	37.50	33.33
13	DHAULPUR	16	68.75	18.75	50.00	43.75	6.25	31.25	43.75	25.00	43.75	56.25	12.50	31.25	43.75	12.50
14	DUNGARPUR	4	50.00	25.00	100.00	0.00	0.00	25.00	50.00	25.00	25.00	75.00	25.00	50.00	25.00	0.00
15	GANGANAGAR	17	17.65	11.76	82.35	11.76	5.88	82.35	5.88	11.76	76.47	23.53	70.59	11.76	5.88	11.76
16	HANUMANGARH	24	20.83	12.50	83.33	8.33	8.33	66.67	20.83	12.50	58.33	41.67	58.33	16.67	12.50	12.50
17	JAIPUR	12	25.00	16.67	100.00	0.00	0.00	58.33	25.00	16.67	83.33	16.67	16.67	41.67	25.00	16.67
18	JAISALMER	37	67.57	27.03	48.65	35.14	16.22	16.22	64.86	18.92	86.49	13.51	0.00	8.11	43.24	48.65
19	JALORE	5	20.00	80.00	0.00	100.00	0.00	0.00	80.00	20.00	100.00	0.00	0.00	0.00	0.00	100.00
20	JHALAWAR	25	60.00	12.00	64.00	36.00	0.00	52.00	32.00	16.00	68.00	32.00	32.00	44.00	16.00	8.00
21	JHUNJHUNU	6	66.67	0.00	100.00	0.00	0.00	66.67	33.33	0.00	66.67	33.33	16.67	33.33	50.00	0.00
22	JODHPUR	28	57.14	14.29	60.71	39.29	0.00	35.71	53.57	10.71	60.71	39.29	10.71	14.29	32.14	42.86
23	KARAULI	18	83.33	11.11	55.56	33.33	11.11	16.67	77.78	5.56	88.89	11.11	16.67	55.56	5.56	22.22
24	KOTA	16	81.25	0.00	81.25	18.75	0.00	25.00	68.75	6.25	68.75	31.25	18.75	37.50	37.50	6.25
25	NAGAUR	16	62.50	31.25	43.75	43.75	12.50	6.25	68.75	25.00	75.00	25.00	0.00	12.50	6.25	81.25
26	PALI	18	55.56	27.78	50.00	27.78	22.22	33.33	44.44	22.22	77.78	22.22	5.56	33.33	22.22	38.89
27	PRATAPGARH	8	100.00	0.00	62.50	37.50	0.00	25.00	75.00	0.00	50.00	50.00	25.00	62.50	12.50	0.00
28	RAJSAMAND	20	65.00	25.00	45.00	50.00	5.00	35.00	50.00	15.00	35.00	65.00	5.00	50.00	30.00	15.00
29	SAWAI MADHOPUR	19	57.89	15.79	73.68	26.32	0.00	15.79	73.68	10.53	68.42	31.58	0.00	42.11	42.11	15.79
30	SIKAR	26	34.62	0.00	92.31	7.69	0.00	53.85	46.15	0.00	73.08	26.92	7.69	23.08	57.69	11.54
31	SIROHI	14	85.71	7.14	42.86	57.14	0.00	21.43	78.57	0.00	50.00	50.00	7.14	57.14	21.43	14.29
32	TONK	17	64.71	17.65	82.35	11.76	5.88	23.53	58.82	17.65	76.47	23.53	23.53	11.76	47.06	17.65
33	UDAIPUR	28	89.29	10.71	42.86	50.00	7.14	35.71	57.14	7.14	64.29	35.71	14.29	53.57	25.00	7.14
Total		646	59.38	17.41	64.92	30.26	4.82	35.54	51.33	13.13	64.88	35.12	19.05	31.55	26.00	23.39



## District Wise Minimum and Maximum Values of Chemical Constituents (Pre-monsoon, 2016)

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	24	7.26	8.29	370	26900	43	9230	15	3420	0.00	120	90	7500	8	2800
2	ALWAR	42	7.11	8.40	485	15230	21	2411	5	4380	0.00	190	90	2200	16	368
3	BANSWARA	12	7.70	8.30	450	1630	32	217	10	234	8.00	120	220	770	38	182
4	BARAN	16	7.36	8.18	450	4872	28	696	9	958	0.36	55.3	180	740	32	160
5	BARMER	25	8.05	8.48	610	18580	43	4146	10	2680	0.17	332	160	1900	24	320
6	BHARATPUR	40	7.70	9.00	610	25360	21	9397	4	2750	1.00	876	50	6080	4	636
7	BHILWARA	27	7.40	8.28	840	4600	78	1122	10	550	2.00	125	210	720	28	144
8	BIKANER	15	6.75	8.22	335	4380	28	916	10	390	1.00	840	20	760	2	144
9	BUNDI	11	7.24	8.36	190	4492	28	681	12	592	0.00	197	80	1080	16	280
10	CHITTAURGARH	13	7.49	8.44	480	3590	21	823	20	547	4.00	122	130	600	16	120
11	CHURU	23	7.23	8.76	300	23140	28	1803	6	1121	4.00	898	100	1450	12	276
12	DAUSA	24	6.93	8.49	600	5950	50	1566	20	545	2.00	650	80	1420	4	402
13	DHAULPUR	16	7.60	8.26	680	5720	50	936	18	655	0.00	1512	140	1820	12	212
14	DUNGARPUR	4	8.00	8.40	470	1750	34	231	7	185	2.00	54	130	620	22	74
15	GANGANAGAR	17	7.15	8.02	240	5100	21	972	10	1294	1.00	40	110	1330	24	208
16	HANUMANGARH	24	7.48	8.16	255	18720	14	3085	4	3478	1.00	3640	100	3950	20	556
17	JAIPUR	12	7.54	8.54	430	7930	13	1830	10	830	12.00	140	60	640	8	64
18	JAISALMER	37	7.47	8.45	800	10800	25	2939	60	1255	5.00	430	120	2462	22	338
19	JALORE	5	8.28	8.50	4593	8300	1024	1810	130	488	27.60	325	500	1050	100	160
20	JHALAWAR	25	7.33	8.32	310	4560	21	951	3	772	0.03	547	110	1010	16	176
21	JHUNJHUNU	6	7.88	8.40	730	1850	44	354	36	175	2.97	70	90	280	14	50
22	JODHPUR	28	7.80	8.64	450	23420	28	6010	4	880	6.00	2353	130	2400	18	136
23	KARAULI	18	7.28	8.76	580	5050	25	1090	16	604	1.00	210	150	900	14	218
24	KOTA	16	7.47	8.13	340	2960	28	426	28	546	2.20	71.2	140	600	24	176
25	NAGOUR	16	7.38	8.50	1100	13050	146	3270	15	1262	24.00	750	160	2020	26	290
26	PALI	18	8.01	8.52	700	7000	50	2272	32	872	1.00	260	130	1350	20	260
27	PRATAPGARH	8	7.40	8.45	510	1790	25.3	416	15	245	3.00	55	240	495	42	82
28	RAJSAMAND	20	7.40	8.20	692	5610	64	1333	6	620	0.27	354	190	1640	40	360
29	SAWAI MADHOPUR	19	7.51	8.44	1140	4030	57	753	31	312	1.76	233	90	680	16	116
30	SIKAR	26	7.73	8.77	585	4000	28	866	5	345	2.34	350	80	550	8	120
31	SIROHI	14	7.20	8.40	470	4670	75	1244	18	402	5.00	220	150	610	14	160
32	TONK	17	7.63	8.29	370	4900	36	1306	8	392	0.57	349	120	1480	12	264
33	UDAIPUR	28	7.96	8.42	600	6570	46.5	1213	15	935	2.00	610	230	1190	19	203
Total		646	6.75	9.00	190	26900	13	9397	3	4380	0.00	3640	20	7500	2	2800

## District Wise Minimum and Maximum Values of Chemical Constituents (Pre-monsoon, 2016)

S. No.	DISTRICT	Samples analysed	Mg		Na		K		F		Fe		TDS	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1	AJMER	24	5.00	122	33	4200	0.30	32	0.20	10.00	0.11	9.10	240.5	17485
2	ALWAR	42	5.00	469	24	2575	1.00	33	0.02	2.40	0.00	6.93	315.3	9899.5
3	BANSWARA	12	18.20	76.61	25	229	1.30	7.1	0.30	1.65	0.00	3.35	292.5	1059.5
4	BARAN	16	15.00	102	15	805	0.10	26.6	0.06	2.25	0.01	3.40	292.5	3166.8
5	BARMER	25	15.00	311	42	3340	1.00	145	0.01	2.01	0.00	4.50	396.5	12077
6	BHARATPUR	40	10.00	1209	17	4075	0.00	238	0.20	9.10	0.00	13.10	396.5	16484
7	BHILWARA	27	14.00	114	65	895	3.30	21.5	0.00	6.50	0.04	8.80	546	2990
8	BIKANER	15	3.60	97	25	940	1.10	31	0.66	3.78	0.05	1.23	217.8	2847
9	BUNDI	11	10.00	120	17	934	0.00	17.3	0.23	1.88	0.02	1.30	123.5	2919.8
10	CHITTAURGARH	13	17.00	88	36	651	1.00	7	0.12	2.50	0.00	0.43	312	2333.5
11	CHURU	23	10.00	250	14	1300	2.00	104	0.45	17.50	0.00	4.93	195	15041
12	DAUSA	24	6.08	210.4	19	1004	1.70	12	0.20	8.20	0.02	5.10	390	3867.5
13	DHAULPUR	16	2.00	340	26	616	0.00	825	0.20	2.40	0.00	7.76	442	3718
14	DUNGARPUR	4	18.20	105.8	39	234	2.00	25.9	0.50	1.10	0.11	3.42	305.5	1137.5
15	GANGANAGAR	17	7.00	197	8	719	3.00	24	0.10	2.00	0.00	0.75	156	3315
16	HANUMANGARH	24	5.00	623	4	3259	2.00	203	0.12	1.90	0.00	2.73	165.8	12168
17	JAIPUR	12	5.00	141	20	1685	1.00	30	0.30	8.40	0.00	5.93	279.5	5154.5
18	JAISALMER	37	9.73	393.3	46	1419	4.90	224	0.35	3.50	0.01	1.50	520	7020
19	JALORE	5	61.00	158	702	1618	3.50	174	0.27	2.40	0.03	0.28	2985	5395
20	JHALAWAR	25	10.00	138	18	878	0.20	20.4	0.02	1.94	0.01	10.40	201.5	2964
21	JHUNJHUNU	6	13.40	42.56	149	328	1.50	3.8	0.23	1.30	0.02	5.10	474.5	1202.5
22	JODHPUR	28	7.00	501	7	4420	1.00	102	0.10	3.60	0.01	2.10	292.5	15223
23	KARAULI	18	18.20	135	39	854	1.20	103	0.23	3.10	0.03	1.85	377	3282.5
24	KOTA	16	17.00	108	10	489	0.60	78.7	0.05	1.26	0.00	2.24	221	1924
25	NAGOUR	16	20.70	344.1	62	2136	2.20	396	0.18	3.90	0.02	1.25	715	8482.5
26	PALI	18	15.00	182	41.4	1058	1.00	75.2	0.56	3.10	0.01	1.80	455	4550
27	PRATAPGARH	8	25.50	71.74	20	332	2.00	4	0.20	2.00	0.05	1.70	331.5	1163.5
28	RAJSAMAND	20	12.00	224	36	896	3.00	38	0.18	2.45	0.00	11.10	449.8	3646.5
29	SAWAI MADHOPUR	19	12.00	102	53	840	0.60	23.3	0.07	1.67	0.00	0.96	741	2619.5
30	SIKAR	26	7.00	100	40	770	1.00	43	0.10	9.10	0.06	5.00	380.3	2600
31	SIROHI	14	18.80	83.9	38	754	2.00	701	0.56	4.00	0.02	2.30	305.5	3035.5
32	TONK	17	19.00	199	27	756	0.50	57.5	0.21	3.42	0.00	0.38	240.5	3185
33	UDAIPUR	28	15.80	224.4	29	747	2.00	615	0.10	3.60	0.05	2.00	390	4270.5
Total		646	2.00	1209	4	4420	0.00	825	0.00	17.50	0.00	13.10	123.50	17485.00

## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W260200075060001	AJMER	Arain	AJAGARA	Dug	0.73	75.10	26.03	352	8.17	5.07	3.37	2.39	2.27
W262700075040001	AJMER	Arain	ARIAN	Dug	0.23	75.07	26.45	372	21.3	14.42	14.12	13.35	5.57
W261245075021001	AJMER	Arain	Barora	Dug	0.36	75.04	26.21	372	9.84			0.15	0.94
W262500075080001	AJMER	Arain	DASUK	Dug	1.55	75.13	26.42	374	12.5	5.45	4.45	2.46	7.60
W255440075023001	AJMER	Arain	SANPLA	Dug	0.70	75.04	25.91	359	10.35	5.75	5.45	4.47	4.40
W260300075000001	AJMER	Arain	SARWAD	Dug	0.00	75.00	26.05	364	7.5	3.96	2.00	2.10	1.80
W260745074554001	AJMER	Bhinai	Goelo	Dug	0.53	74.93	26.13	366	12.17		6.67	6.08	4.67
W255430074120001	AJMER	Jawaja	BAGLIAS	Dug	0.30	74.20	25.91	567	9.94	9.63	8.15	7.00	6.20
W255600074120001	AJMER	Jawaja	JAWAJA1	Dug	0.60	74.20	25.93	490	17.3			7.70	9.80
W260200074210001	AJMER	Jawaja	MAIDAYABADAYA	Dug	0.33	74.35	26.03	486	14.57	9.95	9.67	9.17	5.57
W260300074170001	AJMER	Jawaja	NARBADKHERA	Dug	1.00	74.28	26.05	463	29	17.80	17.30	17.50	17.80
W255300074090001	AJMER	Jawaja	TARAGARH	Dug	0.90	74.15	25.88	524	19.29	4.17	4.12	3.21	2.30
W255000075140001	AJMER	Kekri	BOGLA	Dug	0.68	75.23	25.83	331	10.07	6.67	6.52	5.81	2.62
W255900075090001	AJMER	Kekri	KEKRI1	Dug	1.16	75.15	25.98	361	14.39	1.57	0.04	0.73	1.44
W263905074561001	AJMER	Kishangarh	Tiloniya	PZ	1.00	74.94	26.65	440	150	23.52	23.68	23.92	21.70
W260442074223401	AJMER	Masuda	Andheri Devi	PZ	1.00	74.38	26.08	490	23	14.00	15.43	14.00	13.45
W255942074265801	AJMER	Masuda	Daultpura	PZ	0.50	74.45	26.00	460	197.4	16.82	17.36	16.80	11.55
W260130074393001	AJMER	Masuda	JHOPADIYAN	Dug	1.05	74.66	26.03	432	19.7	15.15	14.88	14.00	13.75
W255950074350001	AJMER	Masuda	LUDIYANA	Dug	0.67	74.58	26.00	413	15	14.33	14.13	12.84	9.23
W260530074304501	AJMER	Masuda	MASUDA1	Dug	0.53	74.51	26.09	441	17.84	11.30	10.92	10.48	6.67
W260600074250001	AJMER	Masuda	PAKHRIAWAS	Dug	0.00	74.42	26.10	527	16.55	14.10	13.23	12.52	9.80
W255800074260001	AJMER	Masuda	Ramgarh2	PZ	1.00	74.33	25.97	148	200	31.00	31.10	30.51	24.50
W261400074293001	AJMER	Pisangan	LAMANA	Dug	0.11	74.49	26.23	452	16		10.04	9.39	6.29
W261712074442501	AJMER	Pisangan	NASIRABAD	Dug	0.50	74.74	26.29	425	20.87	1.50	0.62	0.62	0.50
W261448074344201	AJMER	Pisangan	Saradhana	PZ	0.25	74.58	26.25	469	160.2	19.35	19.31	18.78	
W262400074370001	AJMER	Pisangan	TABIJI	Dug	0.29	74.62	26.40	457	22.36	5.71	5.56	4.82	4.51
W262208074422101	AJMER	Srinagar	Gopalpura	PZ	0.80	74.71	26.37	473	200	19.00	19.68	19.08	15.60
W262400074520001	AJMER	Srinagar	KANPUR1	Dug	0.40	74.87	26.40	409	10			3.41	5.00
W261830074550001	AJMER	Srinagar	Morajhar	PZ	1.00	74.92	26.31	382	150	8.26	8.39	8.50	4.35
W261600074500001	AJMER	Srinagar	RAMSAR2	Dug	1.20	74.83	26.27	395	14.1	7.15	6.70	5.72	3.40
W274130076212001	ALWAR	Bansur	BANSUR	PZ	1.05	76.36	27.69	366	65.54	29.82	28.50		30.21
W273800076200001	ALWAR	Bansur	Holawas	PZ	1.00	76.33	27.63	383	150	32.50	31.40		32.89
W273450076243001	ALWAR	Bansur	Janak Singh Pura	PZ	1.00	76.41	27.58	533	53.9	40.66	39.90		41.25
W274500076151501	ALWAR	Bansur	Japanesee Zone	PZ	1.00	76.25	27.75	334	107.7	50.44	50.52		41.30
W275930076120001	ALWAR	Behror	ANANTPURA	PZ	1.00	76.20	27.99	337	87				86.00
W275300076170001	ALWAR	Behror	BEHROR	PZ	1.05	76.28	27.88	322	95.09		74.15		92.95
W275630076183001	ALWAR	Behror	Bhituda	PZ	1.00	76.31	27.94	311	100.2	81.20	77.72		79.80
W275200076240002	ALWAR	Behror	SODAWAS1	PZ	0.67	76.40	27.87	303	36	31.80	34.03		
W275110076153201	ALWAR	Behror	Sota Nala	PZ	1.00	76.26	27.85	330	96	41.20	40.75		42.10
W272500076580001	ALWAR	Kathumar	TIJARA1	PZ	1.03	76.97	27.42	218	132.4	29.59	28.74	31.07	30.47
W274912076440001	ALWAR	Kishangarh	KISHANGARH BAS1	PZ	0.78	76.73	27.82	308	76.65	40.42	39.29	35.62	41.31
W280300076410001	ALWAR	Kotkasim	BOLNI	PZ	0.00	76.68	28.05	258	142.04	23.78	23.20	23.00	23.08
W275200076370002	ALWAR	Kotkasim	HARSAULI	PZ	1.00	76.62	27.87	285	86.64	30.06	27.70	35.40	31.18
W275800076430002	ALWAR	Kotkasim	PUR1	PZ	0.15	76.72	27.97	262	77	20.27	20.15		21.67
W272938076592301	ALWAR	Lachhmangarh	Govindgarh-Pz	PZ	1.00	76.99	27.49	217	50	23.75	23.62	24.50	24.47
W271515076504501	ALWAR	Lachhmangarh	JHALADALA	Dug	0.65	76.85	27.25	259	35	33.12	32.25	33.45	33.53
W272100076500001	ALWAR	Lachhmangarh	LACHMANGARH	Dug	0.72	76.83	27.35	228	10.98	10.08	7.38		8.26
W274800076260001	ALWAR	Mandawar	Alanpur	PZ	1.00	76.43	27.80	331	93.6	35.05	32.20		36.28
W274700076301501	ALWAR	Mandawar	GANGWALI DHANI	PZ	1.00	76.50	27.78	339	74.08	51.95	49.20		52.25
W275600076280001	ALWAR	Mandawar	JOSAI	PZ	1.00	76.47	27.93	295	99	36.79	35.10		37.08
W280345076150001	ALWAR	Neemrana	KANHAWAS	PZ	0.99	76.25	28.06	305	129		59.81		124.01
W275900076230001	ALWAR	Neemrana	Neemrana	PZ	1.00	76.38	27.98	308	90				89.00
W271418076331801	ALWAR	Rajgarh	Doulatpura	PZ	1.10	76.56	27.24	305	80	27.46	20.85	21.40	22.51
W271415076240001	ALWAR	Rajgarh	TEHLA	Dug	2.80	76.40	27.24	366	12.9	9.00	1.10	3.30	3.80
W270705076180001	ALWAR	Rajgarh	TORIKABAS	Dug	0.59	76.30	27.12	349	25		13.91	19.51	20.61
W273900076520001	ALWAR	Ramgarh	Nogawa	PZ	1.00	76.87	27.65	224	150	23.05			25.70
W273500076483502	ALWAR	Ramgarh	RAMGARH PZ	PZ	1.00	76.81	27.58	236	76.5	24.85	22.56		23.25
W273500076483501	ALWAR	Ramgarh	RAMGARH1	Dug	1.33	76.81	27.58	236	19	17.17	13.27	13.47	13.77
W271700076430001	ALWAR	Reni	Doroli	Dug	0.10	76.72	27.28	261	55	51.10	47.05	48.00	47.80
W271230076473001	ALWAR	Reni	GADI SWAIRAM	Dug	0.45	76.79	27.21	269	32.25	23.40	14.45	16.65	16.91
W271330076153001	ALWAR	Thanagazi	GHATA MORDI	Dug	0.62	76.26	27.23	437	19	15.18	5.78	7.28	19.00
W271350076121801	ALWAR	Thanagazi	Kabrala	Dug	0.30	76.21	27.23	434	30	24.70	18.00	19.60	22.80
W272955076190001	ALWAR	Thanagazi	Majri Khurd	PZ	1.00	76.32	27.50	388	84.6	27.47	27.57		27.72
W275000076560001	ALWAR	Tijara	NIMLI	Dug	0.35	76.93	27.83	304	20	15.65	9.90	12.75	17.35
W280636076500601	ALWAR	Tijara	TAPUKARA	PZ	1.14	76.84	28.11	282	158.42	25.54	28.76		32.03
W272630076313001	ALWAR	Umrain	Baran1	Dug	0.65	76.53	27.44	277	17.15	12.45	9.20	13.70	12.99
W274200076362001	ALWAR	Umrain	DALALPUR	PZ	1.00	76.61	27.70	301	51	45.80	45.20		47.00
W232945074060001	BANSWARA	Garhi	ARTHUNA	Dug	1.20	74.10	23.50	154	12.64	10.66	0.55	0.20	0.30
W233000074060001	BANSWARA	Garhi	Arthuna1	PZ	1.00	74.10	23.50	154	150	12.50	1.24	1.42	1.00
W232415074160001	BANSWARA	Bagidora	Bagidora	Dug	0.67	74.27	23.40	213	17.68	15.43	0.77	0.15	0.06
W232516074173101	BANSWARA	Bagidora	Bansla	PZ	1.00	74.29	23.42	199	142	8.30	2.11	2.52	2.24
W233200074270001	BANSWARA	Talwara	Banswara1	Dug	0.90	74.45	23.53	242	10	7.87	1.88	1.73	1.61

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W232500074230001	BANSWARA	Bagidora	BARODIA	Dug	0.60	74.38	23.42	226	11.15	4.65	0.85	1.42	1.49
W231724074184401	BANSWARA	Sajjanganrh	Bhimpur	PZ	1.00	74.31	23.29	260	20	10.55	1.84	1.82	1.00
W234100074310001	BANSWARA	Ghatol	BHUNGRA	Dug	0.55	74.52	23.68	234	10.81	9.25	2.61	2.65	3.55
W231330074180001	BANSWARA	Sajjanganrh	Bhura Kua	Dug	0.00	74.30	23.23	250	10.5	7.14	1.15	1.72	1.40
W231937074214201	BANSWARA	Sajjanganrh	Bilari	Dug	1.00	74.36	23.33	241	9.8	7.73	1.00	1.46	1.74
W233430074070001	BANSWARA	Garhi	Borigoan	PZ	1.00	74.12	23.58	150	150	11.10	2.15	2.63	2.64
W233033074230401	BANSWARA	Talwara	Borwat	PZ	1.00	74.38	23.51	197	40	5.16	0.43	0.83	0.87
W234000074201502	BANSWARA	Ghatol	Chand Ji Ka Guda	PZ	1.00	74.34	23.67	170	150		0.65	0.56	1.81
W234000074201501	BANSWARA	Ghatol	CHANDUJIKAGUDA	Dug	0.61	74.34	23.67	170	3.9	2.79	0.03	1.29	1.30
W231846074224701	BANSWARA	Kushalgarh	Charakni	Dug	1.00	74.38	23.31	241	8.2		0.75	0.53	0.24
W232600074040002	BANSWARA	Anandpuri	Chhajwa	PZ	1.00	74.07	23.43	134	150	15.30	1.11	0.95	0.94
W233100074400001	BANSWARA	Chhoti Sarwan	Chhoti Sarwan	PZ	1.00	74.67	23.52	340	150	8.40		5.20	5.00
W231800074190001	BANSWARA	Sajjanganrh	Chichi	PZ	1.00	74.32	23.30	238	150	1.60			
W233033074223901	BANSWARA	Talwara	Chiriwasa	Dug	1.00	74.38	23.51	197	11.5	9.66	1.25	1.63	1.40
W231020074172501	BANSWARA	Sajjanganrh	CHOTA DUNGRA	Dug	0.07	74.29	23.17	258	9.8	8.03	2.36	2.49	1.35
W233327074360401	BANSWARA	Chhoti Sarwan	Danakhari	Dug	1.00	74.60	23.56	289	10	7.73	1.56	1.54	1.71
W233100074430001	BANSWARA	Chhoti Sarwan	Danpur	Dug	0.45	74.72	23.52	374	12	8.95	0.90	1.55	1.46
W235150074273001	BANSWARA	Ghatol	DUNGARIA	Dug	1.50	74.46	23.86	195	17	14.80	0.50	0.32	1.71
W234600074151001	BANSWARA	Ghatol	GANORA	Dug	1.56	74.25	23.77	170	9.74	4.74	1.29	1.44	1.64
W233524074103001	BANSWARA	Garhi	GARHI PARTAPURA	Dug	0.50	74.18	23.59	152	17.15	16.00	1.42	1.60	1.65
W233700074303001	BANSWARA	Talwara	Khera Dahar	Dug	0.00	74.51	23.62	249	11	8.30	2.00	2.50	2.20
W232800074043001	BANSWARA	Garhi	Kotra1	PZ	1.00	74.08	23.47	162	150	11.40	1.13	1.22	0.62
W231200074270002	BANSWARA	Kushalgarh	KUSALGARH	PZ	1.23	74.45	23.20	297	150	6.57	0.72	0.77	0.59
W231200074280001	BANSWARA	Kushalgarh	Kusalgarh	PZ	1.00	74.47	23.20	300	150	9.10	1.45	1.56	1.44
W233200074380001	BANSWARA	Chhoti Sarwan	Kutumbi	PZ	1.00	74.63	23.53	348	150		0.50	0.52	0.40
W233210074370001	BANSWARA	Chhoti Sarwan	Kutumbi Dw	Dug	0.80	74.62	23.54	343	10	7.70	0.76	0.72	0.84
W230900074353001	BANSWARA	Kushalgarh	Mokampura1	PZ	1.00	74.59	23.15	403	150	4.30	0.49	0.82	0.20
W235340074263501	BANSWARA	Ghatol	NARWALI	Dug	0.65	74.44	23.89	184	6	5.35		2.08	2.03
W233100074100001	BANSWARA	Garhi	Odwara	PZ	1.00	74.17	23.52	187	150			1.00	1.50
W233210074311001	BANSWARA	Talwara	Padla Barora	Dug	0.90	74.52	23.54	263	12.5	9.18	0.56	0.42	0.48
W232232074164501	BANSWARA	Bagidora	RAKHO	Dug	0.81	74.28	23.38	222	13.63	5.39	0.75	1.51	1.39
W235340074263502	BANSWARA	Ghatol	Rathor Ki Phadoli	Dug	1.00	74.44	23.89	184	9.5		0.90	1.12	0.22
W234700074280002	BANSWARA	Ghatol	Sadri	Dug	0.85	74.47	23.78	239	10	5.96	0.41	0.66	0.41
W234234074363101	BANSWARA	Peepalkhoont	Saran	Dug	1.00	74.61	23.71	291	6.3	5.10	0.43	0.56	1.00
W233922074232301	BANSWARA	Ghatol	SENWASA	Dug	0.73	74.39	23.66	195	11.9	3.52	1.09	1.79	1.37
W232900074220001	BANSWARA	Talwara	Sera Pada Sandoh	PZ	0.00	74.37	23.48	197	150	4.60			3.00
W232630074220801	BANSWARA	Talwara	Surwania	PZ	1.00	74.37	23.44	224	129	5.93	1.11	1.30	1.56
W233400074200001	BANSWARA	Talwara	Talwara	PZ	0.00	74.33	23.57	178	20	4.70	1.25	1.54	1.80
W233400074190001	BANSWARA	Talwara	TALWARA1	PZ	1.00	74.32	23.57	196	150	2.10	0.30	0.50	0.01
W233301074410901	BANSWARA	Chhoti Sarwan	Wagtalav	Dug	1.00	74.69	23.55	346	10	8.10	0.50	0.36	0.52
W233405074162101	BANSWARA	Garhi	WAJWANA	Dug	0.57	74.27	23.57	212	150		0.69	0.83	2.40
W233700074170001	BANSWARA	Garhi	Wajwana	PZ	1.00	74.28	23.62	167	150	10.40	1.25	1.34	2.40
W250930076180001	BARAN	Anta	ANTA1	Dug	0.44	76.30	25.16	249	8	7.01	3.46	3.81	3.56
W251930076304501	BARAN	Anta	MANGROL	Dug	0.57	76.51	25.33	238	8.81	5.54	3.53	3.98	3.54
W251820076194501	BARAN	Anta	URPURA	Dug	0.65	76.33	25.31	240	6.87	5.40	1.95	2.05	1.73
W245315076394001	BARAN	Atru	ATRU1	Dug	0.81	76.66	24.89	284	11.12	5.40	0.14	5.09	4.49
W244530076443001	BARAN	Atru	KANWAI	Dug	0.41	76.74	24.76	310	9		1.79	6.69	
W245930076283001	BARAN	Baran	BAMLA	Dug	0.90	76.48	24.99	276	10.87	6.21	0.20	4.80	6.03
W250600076310001	BARAN	Baran	Baran2	Dug	1.00	76.52	25.10	259	150	10.00	1.60		4.70
W251430076301501	BARAN	Baran	BOTH	Dug	0.68	76.50	25.24	241	11		3.42	9.42	7.74
W243948076503701	BARAN	Chhabra	CHABRA	Dug	0.78	76.84	24.66	330	15.93		10.62	10.52	13.82
W243728076420701	BARAN	Chhipabarod	CHHIPA BAROD1	Dug	0.92	76.70	24.62	334	15	9.49	1.38	9.48	10.08
W242610076420001	BARAN	Chhipabarod	HARNAUDA	Dug	0.58	76.70	24.44	330	11	9.37	3.52	4.52	5.86
W242900076360001	BARAN	Chhipabarod	SARTHAL	Dug	0.30	76.60	24.48	311	8	4.81	1.80	2.50	5.09
W250500076420001	BARAN	Kishanganj	Banthoni	Dug	1.00	76.70	25.08	276	150	8.40	0.90		5.09
W250529076473701	BARAN	Kishanganj	BHANWARGARH	Dug	0.76	76.79	25.09	321	13.7	2.89	0.19	1.04	2.57
W250630076380001	BARAN	Kishanganj	KISHANGANJ1	Dug	0.89	76.63	25.11	257	14.5	11.16	1.31	6.81	10.81
W251230077213001	BARAN	Shahabad	Kasba Thana	Dug	0.30	77.36	25.21	392	10.9	7.64	0.80	2.45	5.11
W250800076540001	BARAN	Shahabad	KELWARA1	Dug	0.80	76.90	25.13	363	5	3.11	1.00	3.10	3.31
W251116077062001	BARAN	Shahabad	MAMONI	Dug	0.50	77.11	25.19	475	11	10.04	1.77	2.72	4.71
W251548077154801	BARAN	Shahabad	PAJAL TORI	Dug	0.50	77.26	25.26	315	13.2	9.48	1.40	2.60	5.26
W251500077080001	BARAN	Shahabad	SHAHABAD1	Dug	1.07	77.13	25.25	470	7.3	5.01	0.63	1.78	3.82
W255937071285301	BARMER	Baetu	Bagasar	PZ	1.00	71.48	25.99	208	112	71.95	71.70	72.10	
W255535071451501	BARMER	Baetu	BAITU1	Dug	1.38	71.75	25.93	156	41.52	32.82	32.32	32.52	32.56
W260430071373001	BARMER	Baetu	BATARU	Dug	1.58	71.63	26.08	186	26.62				21.42
W255300071210001	BARMER	Baetu	Bhadka1	PZ	1.10	71.35	25.88	193	156	84.35	84.20	84.00	84.22
W255400071210001	BARMER	Baetu	Bhotia	PZ	1.00	71.35	25.90	193	200	77.80	77.70		
W255629071351701	BARMER	Baetu	Chitar Ka Par	PZ	1.00	71.59	25.94	148	145	36.90	31.30	35.00	36.09
W260939071343001	BARMER	Baetu	Jhak Pz	PZ	1.00	71.58	26.16	228	120	54.60		54.71	54.84
W255230071324501	BARMER	Baetu	KAWAS	Dug	0.96	71.55	25.88	150	10.19				4.99
W254730071360001	BARMER	Baetu	MATASAR	Dug	1.10	71.60	25.79	153	48.9	34.30	34.50	33.70	34.04
W260145071464501	BARMER	Baetu	PANAVADA	Dug	1.49	71.78	26.03	167	38.12	29.01	29.01	29.11	28.91

## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W261200071493001	BARMER	Baetu	SAUPADAMSINGH	Dug	1.49	71.83	26.20	213	32.06	21.11	21.21	20.87	21.00
W260400072400001	BARMER	Balotra	DOLI	Dug	0.50	72.67	26.07	157	32	5.90	3.70	4.30	
W260200072350001	BARMER	Balotra	KALYANPURA	Dug	1.95	72.58	26.03	146	28.05				21.10
W255630072220701	BARMER	Balotra	KURI2	Dug	1.33	72.37	25.94	123	14.3	8.17	10.37	10.47	10.67
W260300072213001	BARMER	Balotra	THOB	Dug	1.26	72.36	26.05	157	28.04	23.64	11.84	11.69	12.94
W254430070573001	BARMER	Barmer	BACHHBAR	Dug	1.70	70.96	25.74	201	27	22.10	21.80	20.67	21.14
W254410071235001	BARMER	Barmer	BARMER1	Dug	2.25	71.40	25.74	187	40	14.85	14.35	14.30	14.06
W255430071143001	BARMER	Barmer	BISALA	Dug	1.35	71.24	25.91	228	20	14.35	16.15	14.20	14.30
W253428071235501	BARMER	Barmer	HATHITALA	Dug	0.80	71.40	25.57	139	54.17	50.30	50.90	50.75	50.44
W254300071152001	BARMER	Barmer	JASAI	Dug	1.41	71.26	25.72	232	25	17.39	21.59		20.71
W254300071070001	BARMER	Barmer	KHARIN	Dug	0.80	71.12	25.72	233	50	44.30	40.90	46.10	45.40
W255900071070001	BARMER	Barmer	NAND	Dug	1.60	71.12	25.98	247	23.86	16.60	13.90	13.20	15.90
W253630071170001	BARMER	Barmer	NIMRI (RADEWA)	Dug	1.87	71.28	25.61	190	35.2	11.08	9.53	9.63	10.13
W254040071132501	BARMER	Barmer	PATRASAR	Dug	1.55	71.22	25.68	239	18.45	12.95	13.05	11.62	12.35
W252900071240001	BARMER	Barmer	SANAWARA	Dug	1.69	71.40	25.48	123	51.31	44.71	43.71	44.80	44.81
W253545071140001	BARMER	Barmer	SANLOR	Dug	1.70	71.23	25.60	198	32	27.60	26.10	28.40	28.10
W254215071244501	BARMER	Barmer	SASION-KA-KUA	Dug	1.55	71.41	25.70	181	74.64	22.55	22.05	23.05	23.41
W254630071050001	BARMER	Barmer	SIHANI	Dug	1.05	71.08	25.78	280	25.41	21.00	8.25	5.95	8.68
W254830071022001	BARMER	Barmer	SUTHARON KI DHANI	Dug	1.30	71.04	25.81	229	28.2	14.25	12.30	10.60	10.85
W244510071070001	BARMER	Chauhtan	BHAKASAR	Dug	0.51	71.12	24.75	21	9				8.49
W252830071040001	BARMER	Chohtan	Chohtan	PZ	1.00	71.07	25.48	172	250	47.75			
W244930071093002	BARMER	Chohtan	Sata1	PZ	1.00	71.16	24.83	31	250	6.50	6.60	6.52	6.60
W250400071050001	BARMER	Chohtan	Sedwa	PZ	0.40	71.08	25.07	108	250	56.20			
W245520071090001	BARMER	Chohtan	SIHANIYA	PZ	0.40	71.15	24.92	52	250	30.70	29.95	30.32	30.05
W252015070515501	BARMER	Chohtan	SIYAGA TALA	Dug	1.56	70.87	25.34	166	71.44	64.74	63.44	63.44	67.39
W245300071130001	BARMER	Chohtan	TARLA	Dug	0.50	71.22	24.88	43	6.98	4.45	4.50	4.55	4.55
W251422071280002	BARMER	Dhorimanna	Dhanau2	PZ	0.65	71.47	25.24	72	250	54.90	57.05	57.16	57.13
W250930071271501	BARMER	Dhorimanna	KATERIA	PZ	0.47	71.45	25.16	74	250	15.42	12.52	15.42	15.47
W252045071240001	BARMER	Dhorimanna	PADMANIYON	Dug	1.79	71.40	25.35	117	88.09	60.11	60.51	59.86	60.11
W250720071352001	BARMER	Dhorimanna	PIPARLI GAON	PZ	1.00	71.59	25.12	50	58	7.00	7.30	7.40	7.31
W250409071305801	BARMER	Dhorimanna	Rewali	PZ	1.00	71.52	25.07	37	130	92.20	93.20	92.60	92.79
W255455070523001	BARMER	Sheo	BALEWA	Dug	2.10	70.88	25.92	216	33.7	19.70	25.60	18.75	18.96
W261630071182001	BARMER	Sheo	BISUKALAN	Dug	0.00	71.31	26.28	240	37.3	34.38	34.00	34.25	34.60
W255505070093001	BARMER	Sheo	DERASAR	Dug	1.60	70.16	25.92	72	23.55	15.00	13.20	12.53	23.70
W254425070382001	BARMER	Sheo	GADRA ROAD	Dug	1.45	70.64	25.74	149	107.34	99.15	99.35	98.75	101.00
W262018071332001	BARMER	Sheo	GUJRO KA BERA	PZ	1.00	71.56	26.34	242	213	82.95	83.00	84.85	89.00
W260400070590001	BARMER	Sheo	JAWANSINGHKIBER	Dug	1.78	70.98	26.07	254	16.22	7.02	6.78	6.12	6.52
W261535071362001	BARMER	Sheo	KASHMIR	PZ	0.51	71.61	26.26	235	250	58.19	57.89	58.69	58.96
W260542071012201	BARMER	Sheo	MUNGERIA	Dug	1.38	71.02	26.10	272	29.62	15.57	15.49	13.72	19.62
W254610070191501	BARMER	Sheo	NAPAT	Dug	0.00	70.32	25.77	82	80.75	72.13	72.87	72.20	72.40
W255930070100001	BARMER	Sheo	PANCHLA	Dug	1.50	70.17	25.99	65	53.45	39.17	39.20	40.00	40.10
W255045070562001	BARMER	Sheo	REDANA	Dug	1.58	70.94	25.85	221	26.55	17.32	15.52	12.82	14.17
W261135071143501	BARMER	Sheo	SHEO1	Dug	1.35	71.24	26.19	232	9.93	7.35	7.25	3.35	3.40
W252800072004501	BARMER	Sindhari	ARNIYALI	PZ	0.75	72.01	25.47	90	64	30.35	30.25		
W254445071394601	BARMER	Sindhari	CHAWA	Dug	0.87	71.66	25.75	139	51	40.73	40.63	39.93	40.65
W254350071371501	BARMER	Sindhari	RAWATSAR1	PZ	1.00	71.62	25.73	148	144.4	63.45	63.40	63.65	70.14
W253400071540001	BARMER	Sindhari	SINDARI	PZ	1.00	71.90	25.57	88	50	15.05	15.20	15.07	15.17
W254400072310001	BARMER	Siwana	DEVRA	Dug	1.30	72.52	25.73	151	33.7	27.60	24.70	25.00	25.00
W254650072351501	BARMER	Siwana	KARMAWAS	PZ	0.00	72.59	25.78	139	58	8.35			
W265420077224001	BHARATPUR	Bayana	BANDH BARETA	Dug	0.15	77.38	26.91	201	5.15	3.18	2.75	3.95	2.52
W265750077213501	BHARATPUR	Bayana	BAWARI BARODA	Dug	0.90	77.36	26.96	192	10	8.45	3.90	5.25	4.82
W265805077150601	BHARATPUR	Bayana	BHAGORI	Dug	0.36	77.25	26.97	203	19.44	17.44	10.14	14.04	10.04
W265800077180001	BHARATPUR	Bayana	Bhimnagar	PZ	1.00	77.30	26.97	193	41.2	24.50	16.25	22.80	20.76
W270030077230001	BHARATPUR	Bayana	BIRAITHA	Dug	0.27	77.38	27.01	190	5.43	5.03			
W265700077230001	BHARATPUR	Bayana	Kheria Mod	Dug	0.40	77.38	26.95	194	11.2	7.48	5.70	9.70	5.30
W264815077255001	BHARATPUR	Bayana	KOT1	Dug	1.45	77.43	26.80	216	12.5	9.25	2.35	5.65	6.41
W273000077190001	BHARATPUR	Deeg	Deeg	PZ	1.00	77.32	27.50	181	129.2	4.10	0.65		1.30
W272800077200001	BHARATPUR	Deeg	DEEG1	Dug	1.14	77.33	27.47	185	14				7.86
W272342077210901	BHARATPUR	Deeg	MANDHERA	Dug	0.29	77.35	27.40	181	14.63	14.13	10.81		11.21
W272642077150001	BHARATPUR	Deeg	PANHORI	Dug	0.64	77.25	27.45	187	11.2	10.46	9.06	10.46	10.04
W273300077180002	BHARATPUR	Deeg	Pasta	PZ	1.00	77.30	27.55	186	152	5.46	3.70	6.80	5.15
W273300077180001	BHARATPUR	Deeg	SIHORA	Dug	0.75	77.30	27.55	186	15	10.85	10.25	13.05	10.20
W273800077170001	BHARATPUR	Kama	Indroli	Dug	0.70	77.28	27.63	185	14.3	12.33	5.80	10.50	13.60
W274656077133601	BHARATPUR	Kama	JURAHRA	Dug	0.78	77.23	27.78	188	15.5	10.67	7.92	7.52	7.57
W271900077230005	BHARATPUR	Kumher	KUMHER	Dug	1.00	77.38	27.32	182	9.32	5.98	3.70	2.10	4.40
W272000077330001	BHARATPUR	Kumher	RARAH PZI	PZ	1.05	77.55	27.33	175	146.42	18.40	9.91	13.65	10.40
W272000077330002	BHARATPUR	Kumher	RARAH PZII	PZ	0.95	77.55	27.33	175	50	10.42	12.23	15.85	13.79
W271330077053001	BHARATPUR	Nadbai	BAONLI CHAN	PZ	1.00	77.09	27.23	213	100	32.16	28.15	31.15	31.15
W271000077160001	BHARATPUR	Nadbai	LULHARA	Dug	1.11	77.27	27.17	197	20	16.99	15.19	18.69	18.74
W271230077124501	BHARATPUR	Nadbai	NADBAI	PZ	1.08	77.21	27.21	203	90.62	18.87	16.87	20.22	20.22
W273917077034801	BHARATPUR	Nagar Pahari	Gopalgarh	Dug	1.10	77.06	27.65	198	12.3	10.80	7.40	9.00	9.00
W273200077073001	BHARATPUR	Nagar Pahari	GULPURA	Dug	0.90	77.13	27.53	201	15	11.80	11.50	13.20	11.45

Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W273130077043001	BHARATPUR	Nagar Pahari	JAISARI	PZ	1.00	77.08	27.53	206	121.65	10.10	8.85		11.13
W274200077050001	BHARATPUR	Nagar Pahari	PAHARI	Dug	0.12	77.08	27.70	190	8.76	6.98	6.10	4.48	3.68
W265945077293002	BHARATPUR	Roopwas	DAHINAGAON	Dug	0.82	77.49	27.00	181	17		10.68		16.18
W265830077381501	BHARATPUR	Roopwas	KHAN SURJAPUR	Dug	1.10	77.64	26.98	172	16.88	7.78	3.75	8.70	5.35
W270200077330001	BHARATPUR	Roopwas	KHANUA	Dug	0.53	77.55	27.03	181	13	9.22	8.17	11.67	7.97
W265900077340001	BHARATPUR	Roopwas	Roopwas1	PZ	1.00	77.57	26.98	175	150	2.10	0.60	2.10	0.36
W265945077293001	BHARATPUR	Roopwas	SALABAD	Dug	1.05	77.49	27.00	181	15		8.25	13.35	8.45
W271300077300001	BHARATPUR	Sewar	Bharatpur1	Dug	0.76	77.50	27.22	179	8.39		2.94	4.54	0.97
W271100077400002	BHARATPUR	Sewar	CHIKSANA	Dug	0.26	77.67	27.18	179	18.45				18.17
W270700077040002	BHARATPUR	Weir	Chokarwada	PZ	1.00	77.07	27.12	216	91	51.64	49.15	52.10	52.10
W270750077090001	BHARATPUR	Weir	HALENA	PZ	1.00	77.15	27.13	207	50	39.83	37.60		47.40
W270200077080001	BHARATPUR	Weir	Jagjeevanpura	PZ	1.00	77.13	27.03	228	100		8.70	12.10	8.11
W270700077080001	BHARATPUR	Weir	Newada Deep	PZ	1.00	77.13	27.12	212	98	21.20	20.85	24.70	24.40
W270700077080501	BHARATPUR	Weir	Newada Shallow	PZ	1.00	77.13	27.12	212	98	20.76	20.40	24.32	23.66
W270050077103001	BHARATPUR	Weir	WEIR1	PZ	1.13	77.18	27.01	217	92.2		18.27	22.57	22.57
W255000074170001	BHILWARA	Asind	BADNOR	Dug	1.02	74.28	25.83	495	15	4.01	3.98	3.08	6.13
W254530074280001	BHILWARA	Asind	BARASNI	Dug	1.32	74.47	25.76	437	23.68	16.68	16.53	15.38	14.58
W253800074164501	BHILWARA	Asind	Daulatgarh	Dug	0.20	74.28	25.63	529	29.8	9.10	4.00	7.77	3.00
W253551074184801	BHILWARA	Asind	TILOLI	Dug	1.15	74.31	25.60	498	15.48	12.57	10.85	7.65	2.15
W252915074420001	BHILWARA	Banera	BANERAMATAJI	Dug	0.70	74.70	25.49	423	19	17.50	16.45	15.87	14.80
W253800074360001	BHILWARA	Banera	RAILA ROAD	Dug	0.85	74.60	25.63	431	26	15.20	15.15	13.46	7.55
W255200074330001	BHILWARA	Hurda	GAGEDA	Dug	0.51	74.55	25.87	416	14.9		6.06	5.00	8.59
W255400074410001	BHILWARA	Hurda	GULABPURA	Dug	0.89	74.68	25.90	397	19	7.33	6.96	5.43	13.31
W254315075211501	BHILWARA	Jahazpur	AMARWASI	Dug	0.31	75.35	25.72	331	6.99	3.97	3.81	3.61	0.99
W254100075200001	BHILWARA	Jahazpur	BORANI	Dug	0.41	75.33	25.68	345	20	16.79	18.85	16.94	16.49
W253820075065501	BHILWARA	Jahazpur	GULABPURA1	Dug	0.40	75.12	25.64	346	11.2	7.82	7.72	4.92	7.20
W253715075163001	BHILWARA	Jahazpur	JAHAJPUR	Dug	0.50	75.28	25.62	335	14.75	4.30	4.15	3.47	3.60
W252928075021201	BHILWARA	Kotri	Bhagwanpura	Dug	0.00	75.04	25.49	362	13.3	6.20			
W252350074533001	BHILWARA	Kotri	KOTARI	Dug	1.13	74.89	25.40	379	17.63	9.87	9.12	7.20	6.57
W252400074530001	BHILWARA	Kotri	Kotri2	PZ	1.00	74.88	25.40	381	150				8.40
W253104075053001	BHILWARA	Kotri	PAROLI	Dug	0.30	75.09	25.52	341	10.4	3.20	2.82	2.71	2.00
W251825074520001	BHILWARA	Kotri	SAWAIPUR	Dug	1.00	74.87	25.31	387	28.99	13.85	12.89	11.95	9.35
W253140074180301	BHILWARA	Mandal	Dahimatha	Dug	0.16	74.30	25.53	493	25	24.20	24.01	23.20	17.25
W253056074332801	BHILWARA	Mandal	JIWANLIYAN	Dug	0.70	74.56	25.52	458	17		2.35	2.64	8.50
W253100074160001	BHILWARA	Mandal	Karera	PZ	1.00	74.27	25.52	506	150	20.10	20.37	19.35	20.15
W251440075023001	BHILWARA	Mandalgarh	BIGOD	Dug	0.70	75.04	25.24	358	10.9	4.17	3.86	3.62	3.30
W251012075192201	BHILWARA	Mandalgarh	BIJOLIA	Dug	0.47	75.32	25.17	528	15.38	8.65	8.54	6.88	4.03
W250915075071701	BHILWARA	Mandalgarh	Ladpura	Dug	0.21	75.12	25.15	397	20	4.98	4.67	4.50	5.30
W251700075053801	BHILWARA	Mandalgarh	MANDALGARH1	Dug	0.50	75.09	25.28	351	25			22.72	8.00
W250650075154001	BHILWARA	Mandalgarh	SALAWATIA	Dug	0.50	75.26	25.11	530	31	21.68	21.50	20.60	16.00
W251700074093001	BHILWARA	Raipur	DEVARIA	Dug	1.40	74.16	25.28	525	33.6	26.98	26.69	23.95	7.40
W252715074111501	BHILWARA	Raipur	NANGPURA	Dug	0.42	74.19	25.45	529	32	29.38	27.87	27.68	20.28
W252226074063001	BHILWARA	Raipur	PITAKHERA	Dug	1.00	74.11	25.37	544	24.3	16.35	15.15	13.48	13.70
W252413074094001	BHILWARA	Raipur	Raipur	Dug	1.00	74.16	25.40	533	26.5	12.90			5.50
W251300074153501	BHILWARA	Sahada	GANGAPUR1	Dug	0.42	74.26	25.22	506	25.53	18.64	18.66	17.31	5.48
W251015074180001	BHILWARA	Sahada	LAKOLA	Dug	0.50	74.30	25.17	489	18			10.83	2.50
W254520074542001	BHILWARA	Shahpura	KANCHAN-KALA	Dug	1.00	74.91	25.76	369	10.5	7.73	6.14	4.15	3.80
W253615074540001	BHILWARA	Shahpura	SOPURA	Dug	0.12	74.90	25.60	374	13.62	10.26	9.91	8.35	8.33
W253340074480001	BHILWARA	Shahpura	Taswaria Khurd	Dug	0.25	74.80	25.56	389	16.85	14.55	13.65	11.85	10.45
W251050074345001	BHILWARA	Suwana	HAMIRGARH	Dug	0.81	74.58	25.18	421	20			6.40	2.09
W252230074463001	BHILWARA	Suwana	KODUKOTA	Dug	0.35	74.78	25.38	406	19	8.00	7.80	6.24	4.00
W251610074381501	BHILWARA	Suwana	MANDAPIA RS	Dug	0.10	74.64	25.27	410	13.8			8.21	6.70
W252100074420001	BHILWARA	Suwana	SUWANA1	Dug	0.00	74.70	25.35	407	22	14.72	13.95	13.60	17.20
W274720073462001	BIKANER	Nokha	SADHSAR	PZ	1.00	73.77	27.79	300	211		120.10	122.00	122.10
W274800073210002	BIKANER	Bikaner	DESHNOKH	PZ	1.00	73.35	27.80	271	205		114.55	114.90	115.05
W275115073234201	BIKANER	Bikaner	Gigasar-Pz	PZ	0.75	73.40	27.85	268	142		113.40	113.70	113.75
W273830072390001	BIKANER	Kolayat	NOKHRA	Dug	1.42	72.65	27.64	242	92		87.89	87.71	87.77
W274000073394501	BIKANER	Nokha	KAKRA	PZ	1.62	73.66	27.67	305	178.92	79.28	86.05	86.55	86.58
W275745073333002	BIKANER	Bikaner	NAPASAR	Dug	1.39	73.56	27.96	245	90	79.26	79.18	78.62	78.66
W275030072571501	BIKANER	Kolayat	KOLAYAT	PZ	1.00	72.95	27.84	213	318	72.30	76.47	77.11	75.80
W275745073333001	BIKANER	Bikaner	KODAMDESAR	Dug	0.00	73.56	27.96	245	82	80.15	80.05	75.35	75.37
W282800073270001	BIKANER	Lunkaransar	BINJAWARI	PZ	1.00	73.45	28.47	208	157	74.80	66.72	72.04	72.04
W281630073540001	BIKANER	Dungargarh	LODERA	Dug	2.10	73.90	28.28	225	87.92		69.36	69.50	68.30
W280050073160001	BIKANER	Bikaner	KARMISAR	PZ	1.02	73.27	28.01	217	139.6	67.18	68.71	69.44	69.48
W282640074004001	BIKANER	Lunkaransar	GORABDESAR	Dug	2.56	74.01	28.44	216	68			65.44	65.44
W280500074003001	BIKANER	Dungargarh	DUNGARGARH	Dug	1.40	74.01	28.08	272	63.52	60.95	61.23	61.37	61.40
W274700072380001	BIKANER	Kolayat	Gariyala_Pz	PZ	1.00	72.63	27.78	205	164		61.02	61.27	61.29
W283130073363001	BIKANER	Lunkaransar	DHIRERA	Dug	1.40	73.61	28.53	206	66.5		57.90	58.20	58.97
W275215072433001	BIKANER	Kolayat	BITHNOK	Dug	1.31	72.73	27.87	204	57.69	55.99		56.23	56.27
W275100072490001	BIKANER	Kolayat	Bithnok	PZ	1.00	72.82	27.85	205	138	55.38		55.56	55.58
W281300073380003	BIKANER	Bikaner	Dhirera_Pz	PZ	1.00	73.63	28.22	210	75	49.70	58.30	50.37	49.90
W281145073232801	BIKANER	Bikaner	KHARA1	Dug	1.23	73.39	28.20	202	64.27	49.97	49.95	49.87	49.90

Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W282930073450001	BIKANER	Lunkaransar	LUNKARANSAR1	PZ	0.97	73.75	28.49	197	129	46.00	48.83	47.43	46.93
W281900073113001	BIKANER	Bikaner	LAKHUSAR	Dug	0.90	73.19	28.32	186	51	42.70	45.68	42.36	43.10
W284205073455101	BIKANER	Lunkaransar	BADERAN	Dug	1.20	73.76	28.70	207	49.29	39.75	33.32	37.25	37.80
W274600073490002	BIKANER	Nokha	Mahajan-Pz	PZ	1.00	73.82	27.77	306	67.3		37.17	37.09	37.13
W281940073293001	BIKANER	Lunkaransar	Kasturia Pz	PZ	0.94	73.49	28.33	186	120	34.70	34.83	35.08	33.67
W284000073080001	BIKANER	Bikaner	CHHATARGARH	Dug	0.13	73.13	28.67	166	57.17	31.17	30.15	33.77	34.07
W283200073334501	BIKANER	Lunkaransar	LALERA	PZ	1.00	73.56	28.53	211	150	32.30	32.10	33.54	33.54
W275600072303001	BIKANER	Kolayat	BAJU	Dug	1.16	72.51	27.93	165	43.14	32.81	33.94	33.11	32.42
W281945073291501	BIKANER	Lunkaransar	KASTURIA	Dug	0.94	73.49	28.33	186	42.6	32.99	32.99	33.07	33.10
W283530073044501	BIKANER	Bikaner	SATTASAR	Dug	0.89	73.08	28.59	179	57.91	29.76	29.41	29.46	29.48
W283435073484001	BIKANER	Lunkaransar	HARIASAR	Dug	2.65	73.81	28.58	197	61.95	27.00	27.73	25.84	25.90
W284200073530001	BIKANER	Lunkaransar	Sangrew	PZ	0.00	73.88	28.70	197	153		25.80	25.73	25.75
W282700072303001	BIKANER	Khajuwala	DANTOR	Dug	0.00	72.51	28.45	129	20.65			20.65	20.65
W281645072243001	BIKANER	Kolayat	TANWAR WALA	Dug	0.53	72.41	28.28	146	39.47		19.95	20.12	20.15
W275930072160001	BIKANER	Kolayat	GODU	Dug	1.17	72.27	27.99	152	48.83	19.28	19.13	19.16	18.18
W274544072095002	BIKANER	Kolayat	Bhikampur Shallow	PZ	1.00	72.16	27.76	165	75		15.30	17.40	14.50
W284010072450001	BIKANER	Bikaner	6 PB	PZ	1.00	72.75	28.67	136	164.5	17.30	17.23	17.29	17.35
W281830072254001	BIKANER	Kolayat	JAGGASAR	PZ	0.30	72.43	28.31	127	250	18.00	17.14	17.28	17.28
W285600073530001	BIKANER	Lunkaransar	ARJANSAR	Dug	2.05	73.88	28.93	206	71.75	16.85	16.95	16.95	17.20
W275900072210002	BIKANER	Kolayat	Godu_Pz_II	PZ	1.00	72.35	27.98	149	190.3	14.30	16.60	16.63	16.65
W281515072511001	BIKANER	Bikaner	AMARPURA	Dug	0.33	72.85	28.25	165	41.17	14.82	14.57	14.70	14.75
W2838300733520001	BIKANER	Lunkaransar	MALKISAR	Dug	1.38	73.87	28.64	198	59.62	14.72	14.22	14.50	14.52
W275900072210001	BIKANER	Kolayat	Godu_Pz_I	PZ	1.00	72.35	27.98	149	190.61	16.80	14.30	14.37	14.38
W274544072095001	BIKANER	Kolayat	Bhikampur Deep	PZ	1.00	72.16	27.76	165	116		16.70	14.30	12.35
W274415072081501	BIKANER	Kolayat	BHIKAMPUR	Dug	1.35	72.14	27.74	157	36.05	16.95	11.45	12.85	12.00
W285305073171501	BIKANER	Lunkaransar	RANER	Dug	0.40	73.29	28.88	161	47.6	13.10	12.93	12.18	12.20
W280230072210001	BIKANER	Kolayat	Kandharli Deep	PZ	1.00	72.35	28.04	155	184	11.45	11.42	11.52	11.55
W280230072210002	BIKANER	Kolayat	Kandharli Shallow	PZ	1.00	72.35	28.04	155	88	11.33	11.31	11.48	11.53
W282845073333001	BIKANER	Lunkaransar	Khirera	Dug	0.60	73.56	28.48	224	10.68	6.27	1.76	6.64	6.66
W285600073243001	BIKANER	Lunkaransar	KHARBARO	Dug	1.31	73.41	28.93	190	47.7	6.78	6.25	6.46	7.39
W283800073360002	BIKANER	Lunkaransar	Laxmi Narayansar Dhani	PZ	1.00	73.60	28.63	202	150		46.65	6.09	
W282742073275101	BIKANER	Lunkaransar	Binjawari Dw	Dug	0.50	73.46	28.46	211	10.7		3.33	5.39	5.50
W280545073521501	BIKANER	Dungargarh	LAKHASAR2	Dug	1.65	73.87	28.10	245	47.95	40.25	39.64		35.00
W275500072302001	BIKANER	Kolayat	Bajju (tejpara)	PZ	1.00	72.51	27.92	164	120	32.10	31.90		31.63
W280300072293001	BIKANER	Kolayat	MANKASAR	Dug	1.50	72.49	28.05	166	19.46	11.43			
W275800072250001	BIKANER	Kolayat	MODAYAT	Dug	0.54	72.42	27.97	164	69.46	14.96			
W280135072073001	BIKANER	Kolayat	RANJITPURA	Dug	0.00	72.13	28.03	146	42.8	26.15	25.90		
W285200073210001	BIKANER	Lunkaransar	LAKHANSAR	PZ	1.10	73.35	28.87	168	250	13.50			
W284700073500001	BIKANER	Lunkaransar	MAHAJAN	Dug	1.55	73.83	28.78	199	51.5	36.65			
W284530073462001	BIKANER	Lunkaransar	MANARIA	Dug	0.69	73.77	28.76	196	54.41	49.66	47.26		
W273015073260001	BIKANER	Nokha	Kanwalisar	PZ	1.00	73.43	27.50	328	150	65.89			
W252815075520001	BUNDI	Bundi	DELUNDA	Dug	0.61	75.87	25.47	229	17.68	11.14	2.29	1.99	9.49
W252940075493001	BUNDI	Bundi	RAJWAS	Dug	0.51	75.83	25.49	239	7.5	5.64	1.39	1.89	3.09
W252400075333001	BUNDI	Bundi	RAMNAGAR	Dug	0.81	75.56	25.40	259	15.23	11.10	2.09	1.69	2.07
W252820075331501	BUNDI	Hindoli	SATUR	Dug	0.00	75.55	25.47	305	15	12.40	3.10	5.90	6.99
W253100076100001	BUNDI	Keshorai Patan	Dahi Khera	Dug	0.57	76.17	25.52	230	7.38	5.23	1.03	3.03	2.58
W253230075594501	BUNDI	Keshorai Patan	GAINDOLI	Dug	1.00	76.00	25.54	231	10.72	5.66	1.30	3.30	4.50
W252328076042501	BUNDI	Keshorai Patan	KAPREN	Dug	0.59	76.07	25.39	236	6.71	3.01	0.51	1.36	1.61
W251908075555001	BUNDI	Keshorai Patan	KESHORAIPTAN	Dug	0.54	75.93	25.32	245	3.96	2.36	0.41	1.51	1.70
W254000076110001	BUNDI	Keshorai Patan	LAKHERI	Dug	1.50	76.18	25.67	228	3.95	2.30	0.10	0.60	0.60
W252430075531501	BUNDI	Keshorai Patan	MAIJA	Dug	1.10	75.89	25.41	232	10.7	2.25	0.85	0.20	0.31
W253320075565001	BUNDI	Nainwa	MOTIPURA	Dug	0.51	75.95	25.56	303	14		9.89	10.14	7.69
W251600075460001	BUNDI	Talera	BALLOP	Dug	1.00	75.77	25.27	248	6	4.96	0.90	0.70	1.80
W250630074500001	CHITTAURGARH	Begun	Dugar	PZ	1.00	74.83	25.11	383	150	1.10	1.04	1.35	2.40
W250440075100001	CHITTAURGARH	Begun	MENAL	Dug	0.55	75.17	25.08	522	6.85	4.38	6.26	3.65	4.95
W250811074531501	CHITTAURGARH	Begun	PARSOLI	Dug	1.65	74.89	25.14	398	14.44			4.65	5.15
W244336074270001	CHITTAURGARH	Bhadesar	BANSEN	Dug	0.25	74.45	24.73	428	18.95	14.55	7.57	9.90	9.05
W244100074210001	CHITTAURGARH	Bhadesar	NAPANIA	Dug	0.50	74.35	24.68	460	32.5	12.55	12.45	9.59	9.30
W245600075353001	CHITTAURGARH	Bhainsrogarh	RAWATBHATA	Dug	1.35	75.59	24.93	358	9.95	0.35	0.25	0.25	0.15
W245100074352001	CHITTAURGARH	Chittaurgarh	Bojunda	PZ	0.60	74.59	24.85	415	155	29.66	29.68	27.71	11.55
W245420074384001	CHITTAURGARH	Chittaurgarh	MANPURA2	Dug	0.33	74.64	24.91	398	18	11.05	14.91		11.27
W245700074420001	CHITTAURGARH	Chittaurgarh	NAGARI1	Dug	0.05	74.70	24.95	415	17.75	13.75	12.76	11.50	10.45
W245630074311001	CHITTAURGARH	Chittaurgarh	PUROHITOKASAVAT	Dug	0.72	74.52	24.94	436	31	28.11	27.53	24.39	25.58
W242126074211301	CHITTAURGARH	Dungla	MAHOODA	Dug	0.50	74.35	24.36	484	18		3.31	11.71	4.32
W250300074380001	CHITTAURGARH	Gangrar	GANGRAR1	Dug	0.85	74.63	25.05	405	22	18.70	17.35	15.46	1.85
W250210074293001	CHITTAURGARH	Gangrar	KHARKHANDA	Dug	0.46	74.49	25.04	451	22.04	15.94	5.54	13.64	10.44
W244400074160001	CHITTAURGARH	Kapasan	AKOLA	Dug	0.20	74.27	24.73	454	16	8.58	11.80	9.30	6.00
W245140074183001	CHITTAURGARH	Kapasan	KAPASAN1	Dug	0.35	74.31	24.86	460	20.78	7.15	19.01	4.25	2.75
W245230074160001	CHITTAURGARH	Kapasan	MUNGANA	Dug	1.08	74.27	24.88	463	24		6.77	4.30	6.72
W245600074272001	CHITTAURGARH	Kapasan	SINGHPURA	Dug	0.50	74.46	24.93	432	17.17		9.68	7.20	14.80
W250400074214501	CHITTAURGARH	Rashmi	RASHMI1	Dug	1.55	74.36	25.07	448	12.5	9.01	8.63	5.75	5.05
W281545074523001	CHURU	Churu	BINASAR	Dug	2.31	74.88	28.26	296	45	35.09	37.22	34.19	34.19

## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W282815075044501	CHURU	Churu	DUDWA KHARA	PZ	1.81	75.08	28.47	276	92.5	19.99	19.00	18.92	19.09
W281730074541501	CHURU	Churu	GUJRON KI DHANI	PZ	1.17	74.90	28.29	302	107.35	30.83	30.67		30.68
W282800074514501	CHURU	Churu	RAMPURA	Dug	1.84	74.86	28.47	260	28.16	21.36	17.68	19.15	7.05
W281300074480001	CHURU	Churu	Satda	Dug	2.94	74.80	28.22	297	51.5	43.41	43.38	42.65	42.96
W282600075075001	CHURU	Churu	SIRSALA	Dug	1.08	75.13	28.43	277	31.69	29.52	29.40	30.29	30.33
W274500074013001	CHURU	Dungargarh	SONIASAR	Dug	2.11	74.03	27.75	317	76.89			74.78	74.78
W284010075140001	CHURU	Rajgarh	DADREWA	Dug	2.99	75.23	28.67	233	26	12.91	11.09	12.85	12.98
W283200075262001	CHURU	Rajgarh	HARPALU KHUSALA	PZ	1.00	75.44	28.53	254	114.5	38.30	37.80	37.66	37.85
W283900075180001	CHURU	Rajgarh	NANGLI	Dug	1.00	75.30	28.65	234	30.66	25.25			
W282800075282001	CHURU	Rajgarh	NEEMA	PZ	1.74	75.47	28.47	270	115	71.26	48.87	49.47	49.66
W283800752230001	CHURU	Rajgarh	RAJGARH1	Dug	1.99	75.38	28.63	480	26	23.51			18.95
W275900074351501	CHURU	Ratangarh	BHOJRASAR	Dug	2.84	74.59	27.98	326	58	54.16	51.46	52.42	52.48
W280230074473001	CHURU	Ratangarh	BIRAMSAR1	Dug	2.53	74.79	28.04	312	45	38.42	39.47	39.74	48.62
W275500074410001	CHURU	Ratangarh	KANWARI	PZ	1.10	74.68	27.92	320	52.5	27.95	27.64	28.03	28.03
W280030074373001	CHURU	Ratangarh	LOHA1	Dug	1.59	74.63	28.01	326	50	29.26	29.47	28.47	29.71
W281215074315001	CHURU	Ratangarh	MELUSAR1	PZ	1.00	74.53	28.20	297	70	41.25		41.43	41.50
W280215074283501	CHURU	Ratangarh	RAJALDESAR	PZ	1.00	74.48	28.04	321	68.9	48.05	48.00	48.11	48.10
W280500074370001	CHURU	Ratangarh	RATANGARH	Dug	2.13	74.62	28.08	309	44				41.87
W280100074370002	CHURU	Ratangarh	Ratangarh2	PZ	1.00	74.62	28.02	315	105	44.25	52.63	41.87	
W280000074400001	CHURU	Ratangarh	Sangasar	PZ	1.00	74.67	28.00	314	44.7	30.45	29.61	29.97	29.70
W280400074440002	CHURU	Ratangarh	TIDIYASAR	PZ	0.85	74.73	28.07	315	111.5	42.00	39.46	39.52	39.55
W280400074440001	CHURU	Ratangarh	TODIASAR	Dug	1.60	74.73	28.07	315	50	44.30	44.12	44.29	48.30
W283437074301601	CHURU	Sardar Sahar	Aspalsar	Dug	2.50	74.50	28.58	241	50	45.20	39.60	43.72	43.68
W283830074223001	CHURU	Sardar Sahar	HARDESAR	Dug	2.48	74.38	28.64	222	64	61.12	58.82	60.00	59.82
W282450074151001	CHURU	Sardar Sahar	KHUNDIA	Dug	2.50	74.25	28.41	240	57.5	53.65			
W282200074321501	CHURU	Sardar Sahar	MEHRASAR	Dug	1.66	74.54	28.37	270	67.09				65.43
W283015074441501	CHURU	Sardar Sahar	MELUSAR	Dug	2.92	74.74	28.50	256	48	32.28	42.54	22.96	23.08
W282500074240001	CHURU	Sardar Sahar	MITTASAR	Dug	2.03	74.40	28.42	259	66	55.12	54.96		61.97
W284200074210001	CHURU	Sardar Sahar	SADASAR	Dug	1.90	74.35	28.70	213	75	69.40	65.24	66.59	66.64
W282620074262001	CHURU	Sardar Sahar	SARDARSHAHAR	PZ	1.35	74.44	28.44	254	76	36.65	38.95	36.54	36.60
W282310074040001	CHURU	Sardar Sahar	SOMASAR	Dug	2.46	74.07	28.39	222	67.54			65.08	65.08
W274400074070001	CHURU	Sujjanganarh	BAMBOO	Dug	1.00	74.12	27.73	319	65.23	63.48	63.47		64.07
W274315074323001	CHURU	Sujjanganarh	BHOJASAR	Dug	1.48	74.54	27.72	317	32	29.49	29.42	29.63	29.42
W274900074170001	CHURU	Sujjanganarh	BIDASAR	Dug	2.44	74.28	27.82	309	62.56	4.83	4.09		
W274415074281001	CHURU	Sujjanganarh	GULERIYA	Dug	2.00	74.47	27.74	316	18	9.33	8.88	8.93	8.95
W284730075030001	CHURU	Taranagar	BHALAUTIBBA	Dug	1.99	75.05	28.79	215	18.01	12.61	12.21	12.33	12.51
W285030074543001	CHURU	Taranagar	DHIRAWAS	Dug	1.80	74.91	28.84	210	15.2	9.50	7.49	8.23	9.30
W285230074503001	CHURU	Taranagar	SHAWA	Dug	1.30	74.84	28.88	212	29.8	15.50	12.54	12.34	12.46
W271000076350001	DAUSA	Bandikui	Baswa1	PZ	1.00	76.58	27.17	297	125.4	47.54	36.95	41.80	42.05
W270415076442001	DAUSA	Bandikui	Digaria Bheem	PZ	1.00	76.74	27.07	258	66	55.86	52.45	53.10	64.14
W265800076344501	DAUSA	Bandikui	SIKANDARA	PZ	1.00	76.58	26.97	278	50		34.80	38.60	
W270550076471201	DAUSA	Bandikui	Sodan Ka Bas	PZ	1.00	76.79	27.10	253	67	34.18	31.10	32.20	32.25
W265830076173001	DAUSA	Dausa	BAPI	Dug	0.78	76.29	26.98	319	15.12	11.88	5.12	6.52	6.57
W265850076170001	DAUSA	Dausa	BAPI_Pz	PZ	1.00	76.28	26.98	324	91.5	11.66	6.30	10.50	10.90
W265500076240001	DAUSA	Dausa	BHANDAREJ	Dug	0.60	76.40	26.92	297	31	25.17	21.65		29.50
W264800076200001	DAUSA	Dausa	BIGAWAS MOD	Dug	1.00	76.33	26.80	311	12.9		3.10	5.30	7.63
W265345076193002	DAUSA	Dausa	Dausa	PZ	0.89	76.33	26.90	334	125.5	18.35	10.75		19.80
W265345076193001	DAUSA	Dausa	DAUSA1	Dug	1.00	76.33	26.90	334	18.06		13.41		17.17
W265800076200001	DAUSA	Dausa	Jasuta	Dug	1.05	76.33	26.97	311	18	14.97	6.75	8.05	8.05
W265700076190001	DAUSA	Dausa	Jasuta_Pz	PZ	1.00	76.32	26.95	325	127	15.02			
W265900076243001	DAUSA	Dausa	Kalipahari	PZ	1.00	76.41	26.98	313	60	28.40	27.30	30.70	30.75
W264700076130001	DAUSA	Dausa	LAWAN1	PZ	1.00	76.22	26.78	317	44				43.00
W264445076201002	DAUSA	Dausa	Nagal Rajawatan	PZ	1.00	76.34	26.75	332	200	34.13	32.70	33.40	31.68
W263400076201502	DAUSA	Lalsot	LALSOT2	PZ	1.03	76.34	26.57	367	70	35.47	32.15	33.27	
W264100076120001	DAUSA	Lalsot	PRAHLADPURA	PZ	1.00	76.20	26.68	310	62.8	57.10	58.30	58.70	58.70
W265400077020001	DAUSA	Mahua	DHAND1	PZ	1.00	77.03	26.90	224	40	29.50	16.20	18.30	37.00
W265830076572001	DAUSA	Mahua	Ghazipur-Pz	PZ	1.00	76.96	26.98	233	81.4	16.83	11.70		18.06
W265400077020002	DAUSA	Mahua	Higetawari Dhani	Dug	0.20	77.03	26.90	224	19.5		8.80	10.90	12.93
W270430076570001	DAUSA	Mahua	MAHUWA	PZ	0.78	76.95	27.08	230	90	41.62	38.02	41.72	41.47
W265500077010001	DAUSA	Mahua	Talchidi	PZ	1.00	77.02	26.92	229	56	33.00	15.47	17.70	14.10
W270500076540001	DAUSA	Mahuwa	RASHIDPURA1	PZ	0.90	76.90	27.08	239	45				44.10
W264845076303501	DAUSA	Sikrai	GARH RANOLI	PZ	1.00	76.51	26.81	339	40				39.00
W265700076440001	DAUSA	Sikrai	LANGRA BALAJI	PZ	1.00	76.73	26.95	262	75	37.95	37.70	41.60	40.40
W264000077370001	DHAULPUR	Bari	BARI1	Dug	0.90	77.62	26.67	208	17.57	13.97	12.55	12.80	12.80
W263430077413001	DHAULPUR	Bari	GAJPURA	Dug	1.00	77.69	26.58	281	10.01		4.37	6.27	5.64
W263607077283601	DHAULPUR	Baseri	ANGAI	Dug	1.03	77.48	26.60	232	21.24	6.57	1.02	3.07	6.51
W264900077411002	DHAULPUR	Baseri	Lebudapura	PZ	1.00	77.69	26.82	185	15	3.16	0.75	0.60	0.48
W263120077231501	DHAULPUR	Baseri	NAKATPURA	Dug	0.45	77.39	26.52	262	11.45	8.35			
W264610077355001	DHAULPUR	Baseri	SALEMPUR	PZ	1.00	77.60	26.77	191	28.5	9.95	4.47	4.60	5.93
W263900077480001	DHAULPUR	Dholpur	AITHMEEL	Dug	0.38	77.80	26.65	231	20.72	10.42	2.32	3.92	6.74
W265410077560001	DHAULPUR	Dholpur	BARETHA KALAN	PZ	1.00	77.93	26.90	162	82.66	31.60	18.80	33.20	32.71
W264100077520001	DHAULPUR	Dholpur	Dhaulpur	Dug	0.40	77.87	26.68	238	21.02	15.20	13.90	13.80	13.70



Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W264100077520002	DHAULPUR	Dholpur	Dhaulpur1	PZ	0.00	77.87	26.68	238	31.22	13.33	10.33	13.20	12.14
W265130077430001	DHAULPUR	Dholpur	KANTHRI	Dug	0.60	77.72	26.86	181	8	6.22	3.50		3.90
W265300077470001	DHAULPUR	Dholpur	PIPEHARA	PZ	1.00	77.78	26.88	177	42	38.60	36.20	39.80	39.46
W264800078020002	DHAULPUR	Rajakhhera	MARAINA	Dug	0.55	78.03	26.80	170	14.45				13.90
W2650500780530001	DHAULPUR	Rajakhhera	SAWALIAPURA	Dug	0.70	78.09	26.85	169	27				26.30
W265600078081502	DHAULPUR	Rajakhhera	SIKRONDA	PZ	1.00	78.14	26.93	162	122.72	32.10	30.45	34.10	32.23
W235700074050001	DUNGARPUR	Aspur	Aspur	PZ	1.00	74.08	23.95	202	150	13.30	6.63	6.87	6.89
W235730074044501	DUNGARPUR	Aspur	ASPUR1	Dug	0.00	74.08	23.96	206	13	5.68	0.12	0.30	1.20
W235400074041501	DUNGARPUR	Aspur	BARODA	Dug	0.74	74.07	23.90	193	10.06		1.08	1.12	0.98
W235100074050002	DUNGARPUR	Aspur	KABJA	PZ	1.00	74.08	23.85	169	92.1	5.49	1.93	2.08	1.18
W235530073580001	DUNGARPUR	Aspur	Ramgarh2	PZ	1.00	73.97	23.93	243	200	6.00	4.21	4.92	4.80
W235120074094001	DUNGARPUR	Aspur	SABLA	Dug	0.89	74.16	23.86	193	11.51	6.89	1.21	1.45	1.31
W234700073300001	DUNGARPUR	Bichhiwara	Beechiwara	Dug	0.15	73.50	23.78	380	20		0.74	1.05	1.86
W235000073420001	DUNGARPUR	Bichhiwara	Dungarpur1	Dug	1.05	73.70	23.83	371	16.01	11.27	3.80	4.45	4.43
W234245073421501	DUNGARPUR	Bichhiwara	GORADA	Dug	0.33	73.70	23.71	307	9	7.57	0.49	0.93	0.97
W234900073340001	DUNGARPUR	Bichhiwara	KANABA	Dug	0.50	73.57	23.82	321	11.2	9.90	2.61	2.70	3.50
W235030073335501	DUNGARPUR	Bichhiwara	NAVAL SHYAM	PZ	0.66	73.57	23.84	339	120.4	12.74	2.09	2.17	2.80
W235000073410001	DUNGARPUR	Bichhiwara	NAYADERA	Dug	0.67	73.68	23.83	286	10.75	9.43	1.13	1.55	1.79
W234600073270001	DUNGARPUR	Bichhiwara	RATANPPUR	Dug	0.45	73.45	23.77	310	12.75		3.75	4.07	3.97
W234200073490001	DUNGARPUR	Dungarpur	Anteree	Dug	0.43	73.82	23.70	314	5.71	5.17	1.34	1.57	2.47
W235319073540301	DUNGARPUR	Dungarpur	HATAI	Dug	0.77	73.90	23.89	255	9.2	7.43	0.21	0.46	0.23
W235100073464501	DUNGARPUR	Dungarpur	MANPUR2	Dug	0.74	73.78	23.85	290	8.59	7.16	1.12	1.43	7.76
W235800073340001	DUNGARPUR	Khewara	Chhitri	PZ	1.00	73.57	23.97	354	86.7	12.60	3.15		3.55
W233700074050002	DUNGARPUR	Sagwara	BHILURA	Dug	1.52	74.08	23.62	132	11.48	9.08	1.78	1.98	2.48
W234100073573001	DUNGARPUR	Sagwara	NANTHODA	Dug	0.50	73.96	23.68	181	11.5		0.91	0.90	1.30
W234700074023001	DUNGARPUR	Sagwara	NAYAGAON1	Dug	0.45	74.04	23.78	197	9.9	8.75	0.70	1.68	1.79
W234500074040001	DUNGARPUR	Sagwara	Sagwara	PZ	1.00	74.07	23.75	185	150	10.15	5.13	5.32	5.45
W232800073590001	DUNGARPUR	Simalwara	Jasala	PZ	1.00	73.98	23.47	146	150		15.00	16.40	16.00
W232800073550001	DUNGARPUR	Simalwara	KUA	Dug	0.60	73.92	23.47	175	12	9.20	0.99	1.20	1.82
W233145073454501	DUNGARPUR	Simalwara	PEETH	Dug	0.17	73.76	23.53	221	12.23		0.76	1.03	1.83
W291550073353001	GANGANAGAR	Anupgarh	22GB CHAK	Dug	0.99	73.59	29.26	164	24.01	9.31	8.15	9.14	9.51
W291200073120001	GANGANAGAR	Anupgarh	ANUPGARH1	Dug	1.95	73.20	29.20	151	28.3	13.80	11.94	13.17	13.35
W291830073134501	GANGANAGAR	Anupgarh	BANDA COLONY	PZ	0.82	73.23	29.31	158	100	9.43	9.67	11.61	9.22
W290200073313001	GANGANAGAR	Anupgarh	BHOPALPURA	Dug	1.75	73.53	29.03	174	36.25	1.55	1.80	1.93	2.05
W290200073260001	GANGANAGAR	Anupgarh	GHOMANWALI	Dug	1.60	73.43	29.03	169	23.4	6.10	6.11	6.49	6.60
W292115073380001	GANGANAGAR	Anupgarh	JAITSAR	Dug	0.70	73.63	29.35	167	38.3	2.45	2.37	4.47	6.45
W292010073411501	GANGANAGAR	Anupgarh	Jaitsar	PZ	1.00	73.69	29.34	162	33	6.05	5.47	7.73	6.45
W290500073220001	GANGANAGAR	Anupgarh	KHAL	Dug	1.20	73.37	29.08	155	33	7.40	7.22	7.55	7.50
W291000073223001	GANGANAGAR	Anupgarh	RAMSINGHPURA	Dug	0.41	73.38	29.17	157	30.89	14.74	14.01	15.27	15.66
W294930073434501	GANGANAGAR	Ganganagar	CHUNAWAD	Dug	1.23	73.73	29.83	172	47.77	14.17	13.80	9.81	12.51
W294830073440001	GANGANAGAR	Ganganagar	TATARSAR	Dug	0.84	73.73	29.81	169	50.76	13.76	12.84	12.71	12.01
W284800073040001	GANGANAGAR	Gharsana	ROJARI	Dug	1.00	73.07	28.80	156	34.17	6.10	5.64		8.10
W294900073270001	GANGANAGAR	Karanpur	KARANPUR1	Dug	0.45	73.45	29.82	166	20.12	4.25	4.50	5.07	4.50
W294745073264501	GANGANAGAR	Karanpur	RUPANAGAR	Dug	1.15	73.45	29.80	166	13.45	5.70	4.81	5.56	4.20
W293800073460001	GANGANAGAR	Padampur	BINJBALIA	Dug	1.00	73.77	29.63	172	27.75	12.20	13.55	13.07	13.10
W294330073354501	GANGANAGAR	Padampur	DELWAN	Dug	1.35	73.60	29.73	166	24.15	11.25	9.33	9.36	10.25
W293545073370001	GANGANAGAR	Padampur	GANGUWALA	Dug	0.90	73.62	29.60	167	31.1	11.80	11.67	11.45	11.60
W294058073513001	GANGANAGAR	Padampur	Narsinghpur	Dug	1.50	73.86	29.68	176	28.3	17.65	17.07	18.69	17.35
W294100073513001	GANGANAGAR	Padampur	NARSINGHPUR1	PZ	1.00	73.86	29.68	176	100	19.00			
W291700074101501	GANGANAGAR	Pilibanga	SARDARPURA	Dug	2.50	74.17	29.28	192	37.15	4.40			
W292800073560001	GANGANAGAR	Pilibanga	SURATGARH	PZ	0.50	73.93	29.47	176	90.11	5.75	7.29	8.70	7.20
W292930073374501	GANGANAGAR	Raisingh Nagar	DABLA	Dug	1.53	73.63	29.49	168	31.47	10.22	8.81	9.10	9.19
W293800073270001	GANGANAGAR	Raisingh Nagar	GAJSINGHPURA	Dug	0.88	73.45	29.63	164	21.12	9.32	8.17	8.11	8.24
W293045073370001	GANGANAGAR	Raisingh Nagar	JAGATSINGHWALA	Dug	2.07	73.62	29.51	165	47.93	10.83	9.88	10.29	10.23
W293115073350001	GANGANAGAR	Raisingh Nagar	MUKLAWA	Dug	2.02	73.58	29.52	166	42.98	10.78	8.27	8.35	10.28
W293230073270001	GANGANAGAR	Raisingh Nagar	RAISINGHNAGAR	Dug	0.47	73.45	29.54	166	32.1	11.63	10.71	10.42	10.58
W294445073540001	GANGANAGAR	Sadul Shahar	GANESHGARH	Dug	1.48	73.90	29.75	176	53.52	16.17	16.03	17.39	17.50
W295120073591501	GANGANAGAR	Sadul Shahar	Lalgarh	PZ	0.80	73.99	29.86	178	198	17.30			
W295030074012001	GANGANAGAR	Sadul Shahar	LALGARH JATAN	Dug	1.80	74.02	29.84	178	30.2	19.50		15.54	15.67
W294145073550001	GANGANAGAR	Sadul Shahar	SURANWALI	Dug	2.10	73.92	29.70	173	37.3	16.30	16.61	18.16	18.35
W295045074143001	GANGANAGAR	Sangaria	KHERUWALA	Dug	1.07	74.24	29.85	182	54.93	22.38	21.20	21.99	22.63
W290700073551001	GANGANAGAR	Suratgarh	Birdhwal1	Dug	1.20	73.92	29.12	192	50.85	41.10	39.37	39.87	41.45
W291000073430001	GANGANAGAR	Suratgarh	BIRMANA	Dug	1.10	73.72	29.17	176	38.95	5.30	5.00	5.42	5.74
W290745073471501	GANGANAGAR	Suratgarh	HARISINGHPURA	Dug	1.65	73.79	29.13	183	47.35	19.35	19.51	19.00	19.70
W290600073430001	GANGANAGAR	Suratgarh	LALGARIYA	Dug	0.35	73.72	29.10	179	48.75	24.80	24.47	24.45	25.05
W291630073463001	GANGANAGAR	Suratgarh	PADAMPURA	Dug	1.69	73.78	29.28	181	34.31	1.60	1.05	2.03	2.18
W290300073511501	GANGANAGAR	Suratgarh	PIPASAR	Dug	0.92	73.85	29.05	197	58.28	33.08	32.77	33.75	37.15
W291454073540001	GANGANAGAR	Suratgarh	PIPERAN	Dug	1.65	73.90	29.25	187	40.15	7.45	7.33	9.37	10.07
W291100073570001	GANGANAGAR	Suratgarh	RAYANWALI	Dug	1.99	73.95	29.18	187	53.51	18.19	17.92	17.91	18.91
W291106073570301	GANGANAGAR	Suratgarh	Rayanwali Deep	PZ	1.00	73.95	29.19	186	170	17.98	17.93	16.50	16.42
W291106073570302	GANGANAGAR	Suratgarh	Rayanwali Shallow	PZ	1.00	73.95	29.19	186	170	16.60	16.77	16.89	16.92
W291330073464501	GANGANAGAR	Suratgarh	SANGITA	Dug	1.78	73.78	29.23	170	28.22	0.72	0.05	0.24	0.50

Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W291100075193001	HANUMANGARH	Bhadra	CHHANI BARI	Dug	1.35	75.33	29.18	202	19.95		6.42	11.94	12.30
W290050075055001	HANUMANGARH	Bhadra	DUNGRANA	Dug	0.00	75.10	29.01	204	40	13.40		12.42	12.56
W285815075020001	HANUMANGARH	Bhadra	MALSISAR	Dug	1.50	75.03	28.97	202	19	13.60	13.55	12.95	12.45
W290600075020001	HANUMANGARH	Bhadra	MUNSARI	Dug	0.92	75.03	29.10	204	29.08	13.98	15.26	14.15	13.60
W294150074174001	HANUMANGARH	Hanumangarh	Chak Sampatnagar2	PZ	1.00	74.29	29.70	186	198.9	21.30	21.60	21.74	21.88
W292245074161501	HANUMANGARH	Hanumangarh	CHOHLINYAWALI	Dug	0.50	74.27	29.38	182	45.44	1.58	2.48	6.65	6.63
W294530074160001	HANUMANGARH	Hanumangarh	DHOLIPAL	Dug	2.17	74.27	29.76	183	52.83	20.98		20.79	21.13
W293800074033601	HANUMANGARH	Hanumangarh	GOLUWALA	Dug	1.30	74.06	29.63	178	30.7	25.20	23.83	28.62	23.90
W293800074033602	HANUMANGARH	Hanumangarh	Goluwala	PZ	0.95	74.06	29.63	178	50		23.01	27.67	
W293700074170001	HANUMANGARH	Hanumangarh	Hanumangarh Rau	PZ	1.00	74.28	29.62	181	186.7		19.16	21.56	20.90
W293340074200001	HANUMANGARH	Hanumangarh	KOHLA	Dug	1.15	74.33	29.56	184	33.85	20.45	13.25	19.46	19.63
W292445074120002	HANUMANGARH	Hanumangarh	Paditawali	PZ	0.85	74.20	29.41	180	100	8.40	7.21	9.74	9.85
W294100074094501	HANUMANGARH	Hanumangarh	PAKKASARNA	Dug	2.16	74.16	29.68	181	49.34	27.04	28.07	26.74	26.79
W294100074060001	HANUMANGARH	Hanumangarh	Pale Wali Dhani	PZ	0.70	74.10	29.68	178	100	25.90	25.79	26.02	25.95
W292445074120001	HANUMANGARH	Hanumangarh	PANDITAWALI	Dug	1.84	74.20	29.41	180	45.01	8.11	5.39	8.24	8.29
W293730074190001	HANUMANGARH	Hanumangarh	SATIPURA	Dug	2.20	74.32	29.63	186	33.29	24.20	21.93	23.70	23.60
W291400074450002	HANUMANGARH	Nohar	BHUKARKA	Dug	0.50	74.75	29.23	190	34	21.40	20.51	20.82	20.88
W290200074440001	HANUMANGARH	Nohar	LAKHASAR2	Dug	1.65	74.73	29.03	204	33.35	15.45	14.48	15.26	15.50
W291650074460001	HANUMANGARH	Nohar	NOHAR1	Dug	1.80	74.77	29.28	198	26.67	15.50	14.70	14.46	14.54
W291500074500001	HANUMANGARH	Nohar	RAMSARA1	Dug	0.50	74.83	29.25	197	24.5	17.60	17.80	17.35	17.30
W292830074073701	HANUMANGARH	Pilibanga	Kalibanga-Pz	PZ	1.42	74.13	29.48	175	201	23.33	21.25	21.56	
W293345073581501	HANUMANGARH	Pilibanga	LAKHASAR1	Dug	1.60	73.97	29.56	181	48.6	19.90	19.70	22.23	20.00
W292503073541501	HANUMANGARH	Pilibanga	Rampura	PZ	0.75	73.90	29.42	174	25		6.43		7.05
W292345073562701	HANUMANGARH	Pilibanga	RAMSARA	Dug	1.80	73.94	29.40	173	33.4	11.85	10.91	10.93	11.00
W290430074180001	HANUMANGARH	Rawatsar	BIRAMSAR	Dug	1.30	74.30	29.08	180	48.2	21.90	19.27	22.83	
W285200074164001	HANUMANGARH	Rawatsar	BISRASAR	Dug	1.75	74.28	28.87	200	50.15			45.30	44.18
W291100074203001	HANUMANGARH	Rawatsar	DHANASAR	Dug	1.70	74.34	29.18	183	38.3	8.04	5.62	8.33	8.20
W285430074080001	HANUMANGARH	Rawatsar	DUDHAL	Dug	1.35	74.13	28.91	199	50.7	48.15	42.82	48.03	48.72
W291300074320001	HANUMANGARH	Rawatsar	GANDEHALI	Dug	0.90	74.53	29.22	189	28.38		2.03	5.06	5.10
W285830074173001	HANUMANGARH	Rawatsar	LAKHERAN	Dug	1.00	74.29	28.98	191	57.22	37.20	34.96	36.85	36.97
W285500074120001	HANUMANGARH	Rawatsar	PALLU	Dug	0.90	74.20	28.92	192	47.5	42.60	31.70	42.40	42.27
W290200074170001	HANUMANGARH	Rawatsar	PURABSAR	Dug	1.60	74.28	29.03	190	62.35			31.90	31.84
W291510074245001	HANUMANGARH	Rawatsar	RAWATSAR	Dug	1.40	74.41	29.25	187	28.78	2.10	1.18	1.51	0.57
W291518074243501	HANUMANGARH	Rawatsar	Rawatsar Deep	PZ	1.00	74.41	29.26	179	127		6.40		6.57
W291518074243502	HANUMANGARH	Rawatsar	Rawatsar Shallow	PZ	1.00	74.41	29.26	179	19		6.28		6.55
W295230074280002	HANUMANGARH	Sangaria	Bhagatpura-Pz	PZ	1.00	74.47	29.88	190	200	12.55			
W295015074243501	HANUMANGARH	Sangaria	BOLANWALI	Dug	0.80	74.41	29.84	189	19	15.55	15.16	15.15	15.20
W295100074270001	HANUMANGARH	Sangaria	RATANPURA	Dug	1.60	74.45	29.85	188	50.97	7.80	1.03	11.54	11.65
W293730074303001	HANUMANGARH	Tibi	CHANDURWALA	Dug	0.65	74.51	29.63	190	23.5	14.25			4.17
W292132074355501	HANUMANGARH	Tibi	CHISTIAN	PZ	0.50	74.60	29.36	189	200	29.40	29.73	29.70	30.10
W294200074291501	HANUMANGARH	Tibi	SALEWALI	Dug	1.50	74.49	29.70	188	25.51	8.20	0.53		18.90
W270600075510001	JAIPUR	Amer	CHAUMP	PZ	1.00	75.85	27.10	485	78	69.82	69.80	67.12	69.85
W270533075451301	JAIPUR	Amer	Rajarampura	PZ	0.40	75.75	27.09	452	88		44.33	44.65	44.90
W265000076040002	JAIPUR	Bassi	BASSI2	PZ	0.95	76.07	26.83	362	56.6	42.55	40.86	38.15	42.65
W264651076032501	JAIPUR	Bassi	Deogaon	PZ	1.00	76.06	26.78	378	105		42.05		
W264551076014501	JAIPUR	Bassi	Gangarampur	PZ	0.25	76.03	26.76	346	108		45.45		
W264552076073101	JAIPUR	Bassi	Garh	PZ	1.20	76.13	26.76	347	90		55.17		
W265232076123001	JAIPUR	Bassi	Jatwara Pz	PZ	1.00	76.21	26.88	330	53		21.57		
W265133076064401	JAIPUR	Bassi	Jhar	PZ	1.00	76.11	26.86	380	66		50.64		
W265210075570101	JAIPUR	Bassi	Kanota	PZ	1.00	75.95	26.87	356	105		42.71		
W264511076095701	JAIPUR	Bassi	Madhogarh	PZ	1.30	76.17	26.75	330	102		30.80		
W264653075595201	JAIPUR	Bassi	Maharajpura	PZ	0.15	76.00	26.78	348	108		47.25		
W265508075581601	JAIPUR	Bassi	Naila	PZ	0.40	75.97	26.92	376	116		64.38		
W265647076110501	JAIPUR	Bassi	Padasoli	PZ	0.90	76.18	26.95	341	70		30.20		
W264649076103201	JAIPUR	Bassi	Rojwari	PZ	0.65	76.18	26.78	329	110		52.05		
W263600075570001	JAIPUR	Chaksu	CHAKSU	Dug	0.75	75.95	26.60	303	18.55	16.85	16.56	14.58	9.95
W264045075543001	JAIPUR	Chaksu	GONER	Dug	0.20	75.91	26.68	323	15	13.38	13.07	12.68	14.10
W264249075540201	JAIPUR	Chaksu	SHIVDASPURA	Dug	0.40	75.90	26.71	334	27.18	24.40	24.32	25.92	21.50
W263645075531001	JAIPUR	Chaksu	THALLI	Dug	0.15	75.89	26.61	323	15.85	13.30	13.14	15.16	8.35
W264013075191801	JAIPUR	Dudu	Bandh Ka Balaji	PZ	1.20	75.32	26.67	337	90		36.74	36.95	35.05
W264701075245001	JAIPUR	Dudu	Gadota	PZ	1.00	75.41	26.78	346	92		4.85	5.31	5.80
W263636075164001	JAIPUR	Dudu	MANGARWARA	Dug	0.92	75.28	26.61	328	16.17	4.53	3.08	2.18	1.78
W264838075284301	JAIPUR	Dudu	Mehla Pz	PZ	0.75	75.48	26.81	343	93		51.45	42.06	21.50
W264100075214501	JAIPUR	Dudu	MOZMABAD	Dug	0.53	75.36	26.68	335	10.48	3.32	2.75	2.48	3.67
W264735075111701	JAIPUR	Dudu	Naraina	Dug	0.60	75.19	26.79	375	21.5		1.90	2.60	
W264800075260001	JAIPUR	Dudu	NASNOTA	Dug	0.87	75.43	26.80	338	17	11.98	11.75	9.34	5.18
W264410075180001	JAIPUR	Dudu	PALLUKHURD	Dug	0.75	75.30	26.74	354	19.25	6.85	6.10	5.13	5.95
W265422075113901	JAIPUR	Dudu	Sambhar	Dug	0.90	75.19	26.91	373	20		15.30	15.45	11.20
W264730075090001	JAIPUR	Dudu	SIROHIKHURD	Dug	1.04	75.15	26.79	372	10.5			4.47	4.96
W271404075345701	JAIPUR	Govindgarh	Alisar	PZ	0.80	75.58	27.23	447	116		50.98		
W271528075303201	JAIPUR	Govindgarh	Astikalan	PZ	0.30	75.51	27.26	449	96		61.78	68.36	
W271810075370001	JAIPUR	Govindgarh	DHODSAR	PZ	1.00	75.62	27.30	466	79	47.82	47.63	46.85	49.20

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W271332075314701	JAIPUR	Govindgarh	Hastera1	PZ	1.00	75.53	27.23	436	60	27.52	27.62	27.90	27.54
W271110075402501	JAIPUR	Govindgarh	Kaladera2	PZ	1.00	75.67	27.19	463	70	51.34	51.10	51.25	52.90
W271102075341801	JAIPUR	Govindgarh	Kanarpura	PZ	1.00	75.57	27.18	430	94		46.47	47.07	
W272000075425001	JAIPUR	Govindgarh	Khejroli-Pz	PZ	1.00	75.71	27.33	486	87.6			62.12	62.25
W271444075310001	JAIPUR	Govindgarh	Kishan Manpura	PZ	1.00	75.52	27.25	437	96		88.41		
W271632075435501	JAIPUR	Govindgarh	Niwana	PZ	0.60	75.73	27.28	485	95		55.40	55.97	
W271137075484801	JAIPUR	Govindgarh	Samod	PZ	0.65	75.81	27.19	514	65		60.30	56.10	
W271731075462401	JAIPUR	Govindgarh	TIGARIA	PZ	1.00	75.77	27.29	490	90	58.52	58.53	55.03	60.60
W271400075430001	JAIPUR	Govindgarh	Udajpuriya-Pz	PZ	1.00	75.72	27.23	493	78.4			73.30	
W270947076034601	JAIPUR	Jamwa Ramgarh	Dantala Meena	PZ	1.20	76.06	27.16	538	105		31.85		
W271100076040001	JAIPUR	Jamwa Ramgarh	DATAL GURJAN	PZ	1.00	76.07	27.18	429	57	28.70	26.06	27.39	28.40
W270130076003001	JAIPUR	Jamwa Ramgarh	HASTAL KA BAS	Dug	1.21	76.01	27.03	549	23			18.10	
W270111076004301	JAIPUR	Jamwa Ramgarh	Jamwa Ramgarh	PZ	1.00	76.01	27.02	401	87		44.15		
W265957076070001	JAIPUR	Jamwa Ramgarh	Kharana	PZ	1.00	76.12	27.00	351	84		37.22		
W270010075583001	JAIPUR	Jamwa Ramgarh	MALAWALA	PZ	0.90	75.98	27.00	392	56	46.36	46.35	42.28	42.28
W265743076004901	JAIPUR	Jamwa Ramgarh	Papar	PZ	0.84	76.01	26.96	409	103		40.96		
W270851076065501	JAIPUR	Jamwa Ramgarh	Raiser	PZ	1.10	76.12	27.15	397	105		30.30		
W270700076121801	JAIPUR	Jamwa Ramgarh	RASALA	Dug	0.23	76.21	27.12	367	20.07			16.38	12.97
W265854075552901	JAIPUR	Jamwa Ramgarh	Saipura Pz	PZ	1.00	75.92	26.98	381	65		60.20		
W270806076040301	JAIPUR	Jamwa Ramgarh	Samred Kalan	PZ	1.00	76.07	27.14	413	88		31.80		
W270158076063501	JAIPUR	Jamwa Ramgarh	Tholai	Dug	0.80	76.11	27.03	360	35		29.00		
W265900075520001	JAIPUR	Jhotwara	AMBER	Dug	1.10	75.87	26.98	396	13.75	10.80	9.37	11.18	11.17
W265148075414101	JAIPUR	Jhotwara	Bhankrota	PZ	0.70	75.69	26.86	400	80			68.96	71.15
W265506075385501	JAIPUR	Jhotwara	Bindayaka	PZ	1.00	75.65	26.92	408	112		39.82	40.00	38.10
W265030075472001	JAIPUR	Jhotwara	DURGAPURA	PZ	1.00	75.79	26.84	388	100	59.47	55.85	56.92	60.75
W265225075491101	JAIPUR	Jhotwara	Gwd Campus	PZ	1.00	75.82	26.87	438	112		53.28	53.25	53.17
W270038075453001	JAIPUR	Jhotwara	Harmara	PZ	0.30	75.76	27.01	471	125		66.42	66.55	68.75
W265317075430101	JAIPUR	Jhotwara	Heerapura	PZ	1.00	75.72	26.89	421	106		70.28	71.22	72.25
W265400075490001	JAIPUR	Jhotwara	Jaipur-I	PZ	1.00	75.82	26.90	444	71.2	54.54	53.30	53.03	52.28
W265636075444001	JAIPUR	Jhotwara	JHOTWARA1	PZ	0.60	75.74	26.94	442	85.04	68.97	69.90	69.20	69.35
W265830075360001	JAIPUR	Jhotwara	KALWAD	PZ	0.90	75.60	26.98	401	100	44.90	44.70	44.20	42.55
W265000075520001	JAIPUR	Jhotwara	Mahal	PZ	1.10	75.87	26.83	368	105		41.84		43.35
W265110075460001	JAIPUR	Jhotwara	MANSAROVAR	PZ	1.00	75.77	26.85	396	100	34.12	33.60	32.88	32.54
W265112075460001	JAIPUR	Jhotwara	Mansarovar Cgwb	PZ	1.00	75.77	26.85	396	79	35.00	36.18	34.90	35.15
W265600075464501	JAIPUR	Jhotwara	MES JAIPUR	PZ	1.00	75.78	26.93	439	67.8	42.98	40.00	38.10	38.91
W270300075450002	JAIPUR	Jhotwara	N.PUROHITAN	PZ	1.00	75.75	27.05	469	81	48.20	48.25	47.90	49.25
W265800075430001	JAIPUR	Jhotwara	Niwaroo	PZ	1.00	75.72	26.97	444	100			63.13	64.10
W265245075464001	JAIPUR	Jhotwara	SURYANAGAR	PZ	1.20	75.78	26.88	412	77.96	43.13	44.17	43.04	49.95
W274207076084101	JAIPUR	Kotputli	Kansli	PZ	1.10	76.14	27.70	361	80		35.52	36.71	37.30
W274732076143101	JAIPUR	Kotputli	Paniyala	PZ	1.10	76.24	27.79	334	90		36.10	36.85	37.40
W273809076071901	JAIPUR	Kotputli	Raghunathpura_Pz	PZ	1.00	76.12	27.64	376	68.57				44.98
W274113076113201	JAIPUR	Kotputli	Rajnota	PZ	1.10	76.19	27.69	358	96		33.11	34.16	35.05
W274541076132101	JAIPUR	Kotputli	Sangtera	PZ	1.30	76.22	27.76	343	90		37.14	37.86	38.78
W274320076072701	JAIPUR	Kotputli	Sarunh	PZ	1.00	76.12	27.72	363	87		56.58	57.94	58.50
W274207076094801	JAIPUR	Kotputli	Sunderpura	PZ	1.10	76.16	27.70	357	69		35.68	36.38	37.05
W263720075364901	JAIPUR	Phagi	Bhojpura	Dug	1.00	75.61	26.62	308	13.2	2.90			2.30
W263620075304501	JAIPUR	Phagi	Chakwara	Dug	0.50	75.51	26.61	324	18		3.40	9.80	10.50
W263628075302601	JAIPUR	Phagi	Chakwara Pz	PZ	0.90	75.51	26.61	324	70		2.35	3.05	5.06
W263022075393601	JAIPUR	Phagi	Chandama	Dug	0.85	75.66	26.51	305	17.5		3.20	5.55	3.95
W263028075394601	JAIPUR	Phagi	Chandama Kallan	PZ	0.85	75.66	26.51	305	73		0.90	3.55	3.85
W263817075420701	JAIPUR	Phagi	Chittora	Dug	0.55	75.70	26.64	323	30		17.73	29.05	27.26
W263827075415601	JAIPUR	Phagi	Chittora Pz	PZ	0.75	75.70	26.64	323	76		6.28	6.77	8.36
W263533075270001	JAIPUR	Phagi	Choru	Dug	0.80	75.45	26.59	328	20		5.80	10.00	10.29
W263547075270001	JAIPUR	Phagi	Choru Pz	PZ	0.95	75.45	26.60	328	70		11.15	13.15	13.23
W263402075451501	JAIPUR	Phagi	DAWACH	Dug	0.20	75.75	26.57	299	16	12.60	12.07	12.90	7.60
W263400075460001	JAIPUR	Phagi	DAWACH1	PZ	1.00	75.77	26.57	293	150	11.20	11.10	12.10	9.20
W262938075434801	JAIPUR	Phagi	Didwata	Dug	0.90	75.73	26.49	300	20		15.95	14.95	15.06
W262948075441801	JAIPUR	Phagi	Didwata Pz	PZ	1.20	75.74	26.50	300	70		15.45	14.90	14.78
W263006075271601	JAIPUR	Phagi	Ghatyali	Dug	0.30	75.45	26.50	310	14.5		7.20	9.50	10.96
W263031075214901	JAIPUR	Phagi	Ghatyali Pz	PZ	1.20	75.36	26.51	325	63		3.90	5.50	5.85
W264339075301601	JAIPUR	Phagi	Kansel	PZ	1.20	75.50	26.73	324	72		5.70	5.75	5.67
W263905075351101	JAIPUR	Phagi	Ladana	Dug	0.20	75.59	26.65	310	18		7.80	14.55	14.78
W263853075351601	JAIPUR	Phagi	Ladana Pz	PZ	1.10	75.59	26.65	310	70		5.90	8.04	8.56
W263223075303101	JAIPUR	Phagi	Lasariya	Dug	0.25	75.51	26.54	313	21		3.25	8.65	9.87
W263438075392101	JAIPUR	Phagi	Madhorajpur	Dug	0.50	75.66	26.58	304	25.2		6.50	5.00	6.05
W263434075382501	JAIPUR	Phagi	Madhorajpur Pz	PZ	1.30	75.64	26.58	308	72		5.65	6.20	6.40
W264126075403201	JAIPUR	Phagi	Majhi Renwal Pz	PZ	1.15	75.68	26.69	330	72		21.10	22.50	26.20
W263347075351301	JAIPUR	Phagi	Mohanpura	PZ	1.00	75.59	26.56	316	70				6.31
W263014075304901	JAIPUR	Phagi	Nemeda	Dug	1.00	75.51	26.50	307	16.25		9.10	13.70	14.43
W263044075312101	JAIPUR	Phagi	Nemeda Pz	PZ	1.10	75.52	26.51	301	76		5.30	5.80	6.25
W263021075362401	JAIPUR	Phagi	Parun	Dug	0.30	75.61	26.51	303	14		3.05	4.90	7.25
W263044075360701	JAIPUR	Phagi	Parun Pz	PZ	1.15	75.60	26.51	305	80		7.25	6.65	6.40

## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W263446075340301	JAIPUR	Phagi	Phagi Pz	PZ	1.20	75.57	26.58	317	72		4.05	3.70	3.85
W264145075410801	JAIPUR	Phagi	Renwal	Dug	0.60	75.69	26.70	332	35		22.25	29.00	23.90
W264223075300601	JAIPUR	Phagi	Tickel	Dug	0.20	75.50	26.71	322	19		2.40	5.70	7.50
W264020075303801	JAIPUR	Phagi	Tickel Pz	PZ	0.90	75.51	26.67	329	75		2.80	6.00	7.52
W265913075301301	JAIPUR	Sambher	Bassi Nagal	PZ	1.00	75.50	26.99	406	72	67.00	67.26	68.10	69.75
W265800075220001	JAIPUR	Sambher	Jobner	PZ	1.00	75.37	26.97	398	100	24.52	24.12	23.20	23.00
W270314075243301	JAIPUR	Sambher	Kheerwa	PZ	1.00	75.41	27.05	410	120		55.70	56.31	
W270954075212601	JAIPUR	Sambher	Mohanpur Balaji	PZ	1.00	75.36	27.17	411	74	61.10	61.12	61.55	59.05
W265230075141702	JAIPUR	Sambher	Phulera	PZ	1.00	75.24	26.88	387	108		5.65	5.66	6.22
W264600075380001	JAIPUR	Sanganer	Barkabalaji	PZ	1.10	75.63	26.77	352	110		57.25	58.00	64.00
W264506075513501	JAIPUR	Sanganer	Bilwa Pz	PZ	1.00	75.86	26.75	347	71.5		13.64	14.31	15.00
W264749075345001	JAIPUR	Sanganer	Chirota	PZ	1.00	75.58	26.80	352	30.5	17.90	16.80	15.41	17.60
W265000075340001	JAIPUR	Sanganer	Dahmi Kallan	PZ	1.10	75.57	26.83	364	90		45.47	44.22	45.00
W264202075410001	JAIPUR	Sanganer	Majhi Renwal	Dug	1.30	75.68	26.70	331	32	21.90	21.25	23.25	25.90
W264800075400002	JAIPUR	Sanganer	MOHANA	PZ	1.00	75.67	26.80	366	63.01	54.52	54.80	44.75	44.90
W264320075421001	JAIPUR	Sanganer	TILAWALA	PZ	0.89	75.70	26.72	341	40	34.93	36.48	34.62	36.21
W272231075494301	JAIPUR	Shahpura	Amarsar	PZ	1.00	75.83	27.38	524	120		56.93	57.47	58.03
W272158075571401	JAIPUR	Shahpura	Bidhara	PZ	1.00	75.95	27.37	447	119		74.71	76.06	76.80
W271347075501301	JAIPUR	Shahpura	Dhabli	PZ	0.80	75.84	27.23	498	91		43.22	44.66	44.95
W271811076021801	JAIPUR	Shahpura	Khldakhani	PZ	0.90	76.04	27.30	471	87		33.57	36.30	37.17
W271545071424501	JAISALMER	Jaisalmer	AJASAR	Dug	1.10	71.71	27.26	201	53				51.90
W273100071500001	JAISALMER	Jaisalmer	AWAI	Dug	1.10	71.83	27.52	153	9	5.90	5.80	5.80	5.80
W270200070540002	JAISALMER	Jaisalmer	BAISHAKHI	PZ	1.00	70.90	27.03	162	59	22.74	21.85	22.75	22.90
W272900071470001	JAISALMER	Jaisalmer	BHADRIAS	Dug	1.40	71.78	27.48	159	18.1	9.00	8.84	8.92	8.85
W274313071585001	JAISALMER	Jaisalmer	Bhavanipura Deep	PZ	0.00	71.98	27.72	153	188	12.80		13.08	13.15
W274312071584601	JAISALMER	Jaisalmer	Bhavanipura Shallow	PZ	0.00	71.98	27.72	153	86	12.55		14.05	14.15
W271630070583001	JAISALMER	Jaisalmer	BOA	Dug	1.05	70.98	27.28	156	56.95	49.10	49.25	48.05	49.05
W273845072073001	JAISALMER	Jaisalmer	BORANA	PZ	1.00	72.13	27.65	168	200	30.97	30.90	30.48	36.50
W265930071180001	JAISALMER	Jaisalmer	CHANDAN	PZ	0.96	71.30	26.99	186	154.5	48.84		49.44	49.64
W270600070550002	JAISALMER	Jaisalmer	CHODHARIYA	PZ	1.00	70.92	27.10	169	200	24.10	24.00	23.30	23.20
W265800071213002	JAISALMER	Jaisalmer	Delasar	PZ	1.00	71.36	26.97	196	200	65.25		65.30	65.10
W271300071000001	JAISALMER	Jaisalmer	DEVA	Dug	1.42	71.00	27.22	147	30.88				29.46
W265415071213001	JAISALMER	Jaisalmer	DHAISAR	Dug	0.95	71.36	26.90	217	63.75			62.25	62.55
W270000071000001	JAISALMER	Jaisalmer	HAMIRA	Dug	1.75	71.00	27.00	203	48.25	42.15	42.11	41.73	42.45
W265630070543501	JAISALMER	Jaisalmer	JAISALMER	Dug	0.22	70.91	26.94	241	61.68	35.83	35.58	35.58	35.58
W273231071085401	JAISALMER	Jaisalmer	Jawahar Nagar Deep	PZ	1.00	71.15	27.54	117	193	24.45	24.38	24.30	24.10
W273231071085402	JAISALMER	Jaisalmer	Jawahar Nagar Shallow	PZ	1.00	71.15	27.54	117	62	8.84	8.80	8.50	8.90
W273237071175001	JAISALMER	Jaisalmer	Jjw Deep	PZ	0.00	71.30	27.54	139	200	35.09	34.56	34.90	29.80
W270440070483001	JAISALMER	Jaisalmer	LANELA	PZ	0.70	70.81	27.08	165	204	37.47	36.94	37.00	37.00
W273000071310001	JAISALMER	Jaisalmer	LATHI	PZ	1.30	71.52	27.50	154	200	51.50	50.35	49.90	50.70
W265445070500601	JAISALMER	Jaisalmer	MOOLSAGAR	Dug	1.50	70.84	26.91	235	20.5	14.30	13.28	14.90	15.00
W265400070503001	JAISALMER	Jaisalmer	Moolsagar_Pz	PZ	0.00	70.84	26.90	258	200	71.88	60.88	71.18	71.28
W273100071431501	JAISALMER	Jaisalmer	NACHNA	Dug	1.80	71.72	27.52	141	17.2	7.70	7.70	8.50	8.50
W273645072020001	JAISALMER	Jaisalmer	NEWTEATA	Dug	1.15	72.03	27.61	169	31.13		21.90	22.20	22.95
W273340071044801	JAISALMER	Jaisalmer	Rd135	PZ	1.00	71.08	27.56	118	198.4		38.70	38.45	38.50
W265900071140001	JAISALMER	Jaisalmer	SANWALA	Dug	1.25	71.23	26.98	188	37.35	32.75	32.90	32.70	32.85
W273300071423001	JAISALMER	Jaisalmer	Shekhawala	PZ	1.00	71.71	27.55	137	186	9.88	12.20	12.20	9.10
W270000071270001	JAISALMER	Jaisalmer	SODAKAR	PZ	0.00	71.45	27.00	208	241.4	51.47	55.20	53.88	53.70
W272910070160502	JAISALMER	Sam	GAMANEWALA	PZ	0.76	70.27	27.49	112	142.5	61.74		65.34	65.64
W272910070160501	JAISALMER	Sam	GAMNEWALI	Dug	0.00	70.27	27.49	112	69.24	61.74	65.19	65.34	65.64
W274600070260001	JAISALMER	Sam	GHANTIYALI	Dug	0.00	70.43	27.77	104	71.59	39.09	37.04	36.52	36.19
W271900070021501	JAISALMER	Sam	GOTARU	Dug	0.85	70.04	27.32	85	69.15	36.05	36.08	36.20	35.85
W271035070333001	JAISALMER	Sam	HABOOR	Dug	0.65	70.56	27.18	208	106	105.35	105.35	103.67	105.35
W263432071023001	JAISALMER	Sam	Kathora	PZ	1.00	71.04	26.58	264	201	120.45	120.46	120.45	121.20
W274300070193001	JAISALMER	Sam	Khariakua	PZ	0.00	70.33	27.72	108	200	35.25	35.50	35.10	35.10
W263600070420001	JAISALMER	Sam	KHURI	Dug	1.90	70.70	26.60	217	16.7	8.40	8.10	8.65	8.80
W270850070253001	JAISALMER	Sam	KHUYIALA	Dug	0.30	70.43	27.15	181	22	19.90	19.78	20.80	21.10
W262900071163001	JAISALMER	Sam	Kodiyasar	PZ	0.00	71.28	26.48	272	200	105.75	105.70	105.59	106.20
W270422070332501	JAISALMER	Sam	KUCHERI	Dug	0.00	70.56	27.07	207	106.52	104.00	103.98		104.18
W274930070293001	JAISALMER	Sam	KURIA	PZ	0.00	70.49	27.83	122	121.5			34.65	34.70
W264330071255701	JAISALMER	Sam	LAKHASAR	Dug	0.70	71.43	26.73	291	45.09	39.00	39.10	38.80	35.30
W273130070094402	JAISALMER	Sam	LONGEWALA1	PZ	0.00	70.16	27.53	100	116.4	47.70	47.77	47.70	47.70
W261500070220002	JAISALMER	Sam	Maizalar	PZ	0.95	70.37	26.25	112	200	69.05	69.05	72.75	71.35
W272914070212301	JAISALMER	Sam	Mayathiwala	Dug	0.00	70.36	27.49	116	70	65.10	65.10	65.10	65.60
W274840070245501	JAISALMER	Sam	NATHU KA BERA	PZ	1.00	70.42	27.81	99	75				31.90
W262300070190001	JAISALMER	Sam	PHULIA	Dug	0.80	70.32	26.38	111	78.51	72.41	73.71		
W262324070281801	JAISALMER	Sam	Phulia1	PZ	0.00	70.47	26.39	137	200	73.50		73.00	71.20
W272130070290001	JAISALMER	Sam	Ramgarh Ignp	PZ	1.00	70.48	27.36	150	300	42.38	43.30	42.90	42.55
W272130070300001	JAISALMER	Sam	Ramgarh2	PZ	1.00	70.50	27.36	148	200	47.08	47.20	47.10	47.10
W273536070270001	JAISALMER	Sam	Ranau	PZ	0.00	70.45	27.59	129	102	61.50		64.58	61.25
W273805070144001	JAISALMER	Sam	SADEWALA	Dug	1.20	70.24	27.63	118	44.8	40.90	41.10	41.20	41.00
W264930070301001	JAISALMER	Sam	SAM1	Dug	0.00	70.50	26.83	176	29.7	8.30	8.42	8.92	9.70

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W271424070390001	Jaisalmer	Sam	Sanu1	PZ	0.00	70.65	27.24	214	195	106.49	106.47	106.11	106.27
W264300071183001	Jaisalmer	Sam	SANWATA	Dug	0.00	71.31	26.72	278	53.25	31.80	31.45	32.15	31.45
W273457071092501	Jaisalmer	Sam	Shastri Nagar	PZ	1.00	71.16	27.58	115	200.5	8.69	6.90	6.90	7.00
W274800070220001	Jaisalmer	Sam	TANOT	Dug	1.22	70.37	27.80	112	43.88	34.08	30.88	30.18	30.58
W273557071042501	Jaisalmer	Sam	Tuli Deep	PZ	1.00	71.07	27.60	115	200	29.67	29.70	29.80	29.80
W273530071040001	Jaisalmer	Sam	Tuli Shallow	PZ	1.00	71.07	27.59	115	99	8.20	8.10	8.10	7.90
W262920071483001	Jaisalmer	Sankra	BALAR	Dug	1.53	71.81	26.49	234	27.45	12.52		12.87	13.07
W263750071293001	Jaisalmer	Sankra	BHAINSARA	Dug	1.33	71.49	26.63	310	30.25	23.27	23.32	22.57	23.77
W265830071451001	Jaisalmer	Sankra	CHACHA	Dug	1.09	71.75	26.98	225	26.06	13.71	13.61	13.91	14.06
W265706071560001	Jaisalmer	Sankra	Gomath	PZ	0.23	71.93	26.95	256	200	50.22	50.50	50.47	50.57
W264545071361501	Jaisalmer	Sankra	GUDDI KA TALA	Dug	1.05	71.60	26.76	285	12.95	4.65	4.51	3.75	4.10
W264820071541501	Jaisalmer	Sankra	KALEWA	Dug	1.00	71.90	26.81	240	35	22.60	22.25	22.55	18.70
W265220072020001	Jaisalmer	Sankra	LAWAN	Dug	1.20	72.03	26.87	245	40	21.70	18.75	16.90	16.80
W270900071460001	Jaisalmer	Sankra	LOHARKI	Dug	1.46	71.77	27.15	231	80			67.76	67.94
W264045071341501	Jaisalmer	Sankra	LUNA KALAN	Dug	1.20	71.57	26.68	299	21.8	12.80	11.26	11.50	11.40
W264445071301501	Jaisalmer	Sankra	MADASAR	Dug	1.30	71.50	26.75	285	23.7	9.20	11.37	11.50	8.60
W262350071554001	Jaisalmer	Sankra	PHALSUND	Dug	1.31	71.93	26.40	205	7.68	6.29	6.19	4.49	4.09
W263330071300001	Jaisalmer	Sankra	RAJGARH1	Dug	0.10	71.50	26.56	308	27	18.80	18.76	19.35	18.95
W270500071330001	Jaisalmer	Sankra	SRIBHADRIA	Dug	1.35	71.55	27.08	196	46.65	40.15	40.23	40.25	40.35
W252025072521501	Jalore	Ahore	Gudha Balotan	PZ	0.00	72.87	25.34	202	85	48.60	47.45	45.96	45.40
W252300072530001	Jalore	Ahore	NIMLA	Dug	0.80	72.88	25.38	195	22	20.30	13.70	10.00	10.50
W250045072154501	Jalore	Bhinmal	BHINMAL1	Dug	0.00	72.26	25.01	145	17.95	3.05	3.20	2.50	2.65
W245800072130002	Jalore	Bhinmal	DHANWARA	PZ	0.65	72.22	24.97	152	70	48.60	39.85	37.24	37.87
W252000072000001	Jalore	Bhinmal	KHOKAGAON	PZ	1.00	72.00	25.33	78	125	40.05	39.90	41.00	
W252327071593101	Jalore	Bhinmal	Rangala	PZ	1.00	71.99	25.39	76	100		66.60	68.42	73.41
W245630071243001	Jalore	Chitalwana	DOONGRI	Dug	1.02	71.41	24.94	37	26	22.88	23.18	24.04	24.18
W245928071364101	Jalore	Chitalwana	Halivav	PZ	1.00	71.61	24.99	31	112	1.80	1.30	1.70	1.85
W245729071430801	Jalore	Chitalwana	Ranodar	PZ	1.00	71.72	24.96	41	122		2.70	4.05	3.10
W245423071443101	Jalore	Chitalwana	Sewada	PZ	1.00	71.74	24.91	40	130	5.90	7.80	6.02	5.91
W251100072360001	Jalore	Jalore	Bagra	PZ	1.00	72.60	25.18	162	102.2		73.00		102.20
W251100072360002	Jalore	Jalore	BAGRA1	PZ	0.00	72.60	25.18	162	94.4	47.80		44.30	
W251250072293001	Jalore	Jalore	Bakara Road	PZ	1.00	72.49	25.21	139	99		83.60	80.80	86.85
W251643072354501	Jalore	Jalore	Bhagli	PZ	0.60	72.60	25.28	191	79	49.25	48.90	48.60	49.05
W252000072370001	Jalore	Jalore	JALORE1	Dug	1.09	72.62	25.33	572	22.16				21.07
W245830072360001	Jalore	Jaswantpura	PUNAK KALAN	Dug	0.96	72.60	24.98	225	15.04	4.74	3.89	3.64	4.09
W250300072330001	Jalore	Jaswantpura	RAMSEEN	Dug	1.35	72.55	25.05	193	18.96	7.40	8.05	5.93	6.07
W251141072255101	Jalore	Jaswantpura	Serena	PZ	0.00	72.43	25.19	132	113.5	66.48	62.80	63.10	66.60
W245624072151801	Jalore	Raniwara	Alri	PZ	1.00	72.26	24.94	168	27.4	13.55	14.60	13.49	13.32
W244543072070101	Jalore	Raniwara	Hirpura	PZ	1.00	72.12	24.76	192	66	56.25	56.15	53.49	60.47
W245300072180001	Jalore	Raniwara	Kagmala(kundanpura)	PZ	0.65	72.30	24.88	210	100	21.75	20.65	22.05	23.42
W244234072063401	Jalore	Raniwara	Matriwara	PZ	0.00	72.11	24.71	170	130	64.85		60.12	60.30
W244554072011901	Jalore	Raniwara	Sewara Pz	PZ	0.00	72.02	24.77	140	116		43.90	49.15	47.32
W244508071494301	Jalore	Sanchore	Hadetar	PZ	1.00	71.83	24.75	66	155	31.27	31.52	31.70	32.05
W244824071475601	Jalore	Sanchore	Karola	PZ	1.00	71.80	24.81	50	121	13.30	13.12	13.47	13.59
W244649071562101	Jalore	Sanchore	Sarnau Pz	PZ	0.00	71.94	24.78	100	120	54.23	53.13	54.62	54.82
W241615076301501	Jhalawar	Bakani	ASALPUR	Dug	0.15	76.50	24.27	350	12.85	10.00	2.75	6.75	8.51
W235656075500501	Jhalawar	Dag	DAG1	Dug	0.00	75.83	23.95	486	20		1.53	3.18	
W235600075370001	Jhalawar	Dag	GANGDHAR	Dug	0.50	75.62	23.93	420	17	13.45	8.30	8.65	5.93
W240550075520001	Jhalawar	Dag	GAURADIYA KALAN	Dug	0.77	75.87	24.10	408	10.41	8.28	5.43	5.63	6.23
W240015075530001	Jhalawar	Dag	GUNAVI	Dug	0.25	75.88	24.00	473	16.53	11.73	3.55	4.40	7.75
W235710075431201	Jhalawar	Dag	GWALAT	Dug	0.60	75.72	23.95	457	9.2	7.21	0.50	3.30	8.00
W241040075500001	Jhalawar	Dag	KARVAN KALA	Dug	0.48	75.83	24.18	388	16.39	12.87	3.22	3.92	9.18
W242915076181001	Jhalawar	Jhalara Patan	AKTASA	Dug	2.01	76.30	24.49	322	11.2	8.21	0.49	6.29	6.89
W242630075545501	Jhalawar	Jhalara Patan	ANVLKALAN	Dug	0.66	75.92	24.44	365	14.84	6.63	3.54	6.44	6.45
W242500076110001	Jhalawar	Jhalara Patan	BINDA	Dug	1.00	76.18	24.42	338	15	12.12	2.77	7.67	
W242600076223001	Jhalawar	Jhalara Patan	DOONGARGAON	Dug	1.22	76.38	24.43	350	10	5.99	0.48	3.43	2.88
W243400076100001	Jhalawar	Jhalara Patan	GAGRON	Dug	0.82	76.17	24.57	308	20.94	13.30	1.38	5.48	7.68
W242900075583001	Jhalawar	Jhalara Patan	GANESHPURA	Dug	0.88	75.98	24.48	348	11.89	10.32	2.42	3.57	6.54
W242200075494001	Jhalawar	Jhalara Patan	GURARIYA JOGA	Dug	0.53	75.83	24.37	383	16		2.57	10.37	9.58
W243500076090001	Jhalawar	Jhalara Patan	JHALAWAR	Dug	0.83	76.15	24.58	323	24.39	14.67	3.47	4.72	7.63
W243200076090001	Jhalawar	Jhalara Patan	JHALRAPATAN	Dug	0.00	76.15	24.53	322	9.84	8.86		5.20	7.38
W243000076110001	Jhalawar	Jhalara Patan	Krishanpura Chow	Dug	0.00	76.18	24.50	321	13.16	7.36	2.86	4.61	8.42
W243400076153001	Jhalawar	Jhalara Patan	MANDAWAR1	Dug	0.75	76.26	24.57	335	13.39	7.66	0.75	1.85	5.36
W241630075503001	Jhalawar	Jhalara Patan	MISHROLI	Dug	0.39	75.84	24.28	408	13.61	8.21	0.06	2.41	3.73
W242800076120001	Jhalawar	Jhalara Patan	Nahardi	Dug	0.75	76.20	24.47	319	8	6.35	1.35	3.05	5.36
W244400076240001	Jhalawar	Khanpur	Khanpur1	PZ	0.00	76.40	24.73	290	150	6.99	2.60	6.70	
W242445076334001	Jhalawar	Manohar Thana	AKLERA	Dug	0.60	76.56	24.41	326	10	9.25	2.10	4.60	5.51
W241938076451001	Jhalawar	Manohar Thana	GAJWARA	Dug	0.97	76.75	24.33	330	20	10.03	0.13	5.93	7.54
W241615076435001	Jhalawar	Manohar Thana	JHIRI	Dug	0.75	76.73	24.27	351	8	5.43	0.65	3.35	5.66
W241400076483001	Jhalawar	Manohar Thana	MANOHAR THANA1	Dug	1.14	76.81	24.23	341	17.11	14.97	11.06	12.51	13.42
W242100076402001	Jhalawar	Manohar Thana	SAREDI	Dug	1.54	76.67	24.35	312	18	10.46	0.06	9.76	10.34
W242030075593001	Jhalawar	Pirawa	JASWANTPURA1	Dug	1.00	75.99	24.34	355	20		2.10	6.80	6.15

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W281200075104001	JHUNJHUNU	Alsisar	Birmi	PZ	1.00	75.18	28.20	307	100	40.70	40.38	40.45	40.80
W280950075153001	JHUNJHUNU	Alsisar	CHURELA	PZ	0.00	75.26	28.16	320	100.18	51.16	46.49	46.67	47.05
W281115075312001	JHUNJHUNU	Chirawa	Khudana	PZ	1.00	75.52	28.19	327	94.5	77.50	74.39	69.54	70.30
W281845075263001	JHUNJHUNU	Chirawa	MANDRELA	PZ	0.75	75.44	28.31	296	79.15	59.85	56.96	56.60	57.40
W281425075380001	JHUNJHUNU	Chirawa	Shivpura1	PZ	1.00	75.63	28.24	316	93	83.05	81.34		79.15
W280330075155501	JHUNJHUNU	Jhunjunun	JAISINGHPURA	PZ	1.75	75.27	28.06	342	96.8	49.25	48.72	48.92	49.75
W280700075232001	JHUNJHUNU	Jhunjunun	JHUNJHUNU	PZ	0.65	75.39	28.12	354	90				89.35
W281030075271501	JHUNJHUNU	Jhunjunun	Math	PZ	0.00	75.45	28.18	316	97.3	51.30	51.59	51.48	52.10
W280245075190002	JHUNJHUNU	Nawalgarh	DIGHAL	PZ	0.63	75.32	28.05	345	68.65	55.57	54.14	54.36	54.82
W275945075163001	JHUNJHUNU	Nawalgarh	MANDASI SANDASI	PZ	0.90	75.28	28.00	357	110.14	59.10	57.38	57.64	57.80
W275175075130001	JHUNJHUNU	Nawalgarh	MUKUNDGARH	PZ	1.00	75.22	27.95	356	86.2	51.70	50.31	52.29	53.20
W275103075152101	JHUNJHUNU	Nawalgarh	Nawalgarh_Pz	PZ	1.00	75.26	27.85	388	109.7	71.30			
W281810075373001	JHUNJHUNU	Surajgarh	Devroad	PZ	0.00	75.63	28.30	305	93	82.20	77.69	78.53	79.40
W282423075422801	JHUNJHUNU	Surajgarh	Dulania1	PZ	0.00	75.71	28.41	279	101	78.10	78.59	78.96	79.45
W281300075405001	JHUNJHUNU	Surajgarh	Lakhu	PZ	1.00	75.68	28.22	313	98	75.20	79.64	77.48	78.15
W282800075413001	JHUNJHUNU	Surajgarh	Likua	PZ	0.00	75.69	28.47	268	107.7	76.10			
W282345075400001	JHUNJHUNU	Surajgarh	Morwa	PZ	0.00	75.67	28.40	284	101.7	80.40	81.01	81.64	82.30
W282230075371001	JHUNJHUNU	Surajgarh	PILANI	PZ	1.74	75.62	28.38	290	90				88.26
W282300075440001	JHUNJHUNU	Surajgarh	PIPLI	PZ	0.90	75.73	28.38	285	106	93.90	96.60	97.10	98.17
W280130075303601	JHUNJHUNU	Udaipurwati	BADAGAON	PZ	1.10	75.51	28.03	360	107.3	50.40		50.44	50.27
W280000075320001	JHUNJHUNU	Udaipurwati	Sithal	PZ	1.20	75.53	28.00	359	83.37	54.35			50.47
W262300072294501	JODHPUR	Balesar	BALESAR	Dug	0.00	72.50	26.38	235	17.67	9.76	5.61		
W262300072300001	JODHPUR	Balesar	BALESAR_Pz	PZ	0.00	72.50	26.38	235	184.8	9.15	5.00	6.45	4.70
W262352072260001	JODHPUR	Balesar	Dhirpura_Pz	PZ	0.00	72.43	26.40	292	181.75	43.20	43.60	43.75	44.00
W272200072210001	JODHPUR	Bap	BAP1	Dug	0.00	72.35	27.37	190	27.4	2.40	2.40	3.98	3.80
W272030072191001	JODHPUR	Bap	BARI DHANI	Dug	1.50	72.32	27.34	192	38.5	9.50	9.44	9.20	9.90
W272915072283001	JODHPUR	Bap	KANGIK SIRD1	Dug	1.22	72.48	27.49	186	36			33.53	34.78
W263036073124301	JODHPUR	Bawari	Gangani	PZ	0.00	73.21	26.51	239	160	6.78	6.70	6.90	5.40
W264630073200001	JODHPUR	Bawari	Palari	PZ	0.55	73.33	26.78	311	100	41.45	41.45	32.45	52.95
W264915073201501	JODHPUR	Bawari	Soyala	PZ	1.00	73.34	26.82	309	216			41.50	47.30
W263400073004201	JODHPUR	Bawari	Umaidnagar	PZ	0.00	73.01	26.57	251	203		87.50		76.70
W264436073374801	JODHPUR	Bhopalgarh	Darmi	PZ	0.00	73.63	26.74	317	70	59.85			
W263037073224001	JODHPUR	Bhopalgarh	DEVATRA	Dug	2.40	73.38	26.51	260	28	20.30	13.80	17.80	22.75
W264415073383001	JODHPUR	Bhopalgarh	DHARMI	Dug	2.49	73.64	26.74	324	70	57.86		57.79	59.11
W264415073321501	JODHPUR	Bhopalgarh	KUMBHARIYA	Dug	0.00	73.54	26.74	310	36.3	25.00		25.30	
W262210073204501	JODHPUR	Bhopalgarh	RAMRAWAS	Dug	1.59	73.35	26.37	247	95.41	17.51	14.91	20.71	16.01
W261900073251501	JODHPUR	Bilara	BENAN	Dug	1.19	73.42	26.32	240	20		12.91	14.01	17.46
W261310073373001	JODHPUR	Bilara	BHAWI	Dug	0.36	73.63	26.22	260	19.91	11.64	8.89	4.90	3.44
W260628073104501	JODHPUR	Bilara	Bhawi	PZ	0.36	73.18	26.11	202	197	11.50	2.65	2.54	3.44
W261450073330001	JODHPUR	Bilara	KAPARDA	Dug	0.40	73.55	26.25	260	29.38				7.55
W261706073273001	JODHPUR	Bilara	Olvi	PZ	1.00	73.46	26.29	239	203	35.40		28.70	31.60
W261304073185001	JODHPUR	Luni	Bisalpur	PZ	0.50	73.31	26.22	218	203	7.55	6.25	6.90	3.65
W261330072543001	JODHPUR	Luni	BUJAWAR	Dug	0.66	72.91	26.23	248	27.68	20.84	12.69	16.54	17.54
W260330072443001	JODHPUR	Luni	DHAWA	Dug	2.60	72.74	26.06	163	35	10.50	8.80	8.70	8.20
W260530072500001	JODHPUR	Luni	JATYASANI	Dug	0.00	72.83	26.09	173	22	19.20	16.30	18.50	18.50
W260930072494501	JODHPUR	Luni	KHUDALA	Dug	1.40	72.83	26.16	183	35	28.50	28.50	29.60	29.30
W261120073023001	JODHPUR	Luni	KURI1	PZ	0.00	73.04	26.19	195	90	4.95	3.25	3.75	3.90
W260000073011501	JODHPUR	Luni	Luni	PZ	0.00	73.02	26.00	176	111.6	3.50	1.20	1.30	1.70
W260700072580001	JODHPUR	Luni	MOGRA	Dug	1.53	72.97	26.12	188	18.48			8.27	9.05
W260915072561501	JODHPUR	Luni	NARNADI	PZ	0.90	72.94	26.15	191	73.65	47.05		39.40	40.15
W261140072463001	JODHPUR	Luni	RARON KI DHANI	Dug	1.50	72.78	26.19	177	42	34.40	34.40	34.40	34.45
W260650073145001	JODHPUR	Luni	SAJJARA	PZ	0.85	73.25	26.11	209	18	4.90	1.75	2.15	2.35
W261347073014701	JODHPUR	Mandore	AFRI(Jodhpur)	PZ	0.00	73.03	26.23	216	56	17.40	17.05	16.90	16.55
W261945072433001	JODHPUR	Mandore	BAMBORE	Dug	0.00	72.73	26.33	194	16	14.60	14.00	14.60	14.30
W261600073000001	JODHPUR	Mandore	CAZRI	PZ	0.61	73.00	26.27	242	75.5	26.19	25.89	25.44	24.92
W261919072575901	JODHPUR	Mandore	CAZRI(Barali)	PZ	0.00	72.97	26.32	282	206.15	22.50	16.60	18.05	20.20
W261630072560001	JODHPUR	Mandore	CHOPASNI NATH	Dug	0.00	72.93	26.28	251	16.8	6.85	4.85	3.45	3.75
W261600073170001	JODHPUR	Mandore	DANGIWAS	Dug	1.58	73.28	26.27	225	23.25	11.32		8.17	10.37
W261800073020001	JODHPUR	Mandore	JODHPUR	Dug	1.61	73.03	26.30	257	42.99	17.89	5.94	5.74	5.69
W261840073032001	JODHPUR	Mandore	Jodhpur Army Area	PZ	0.00	73.06	26.31	235	197	1.50	0.75	1.20	0.90
W261620072493001	JODHPUR	Mandore	KARANI	Dug	1.85	72.83	26.27	213	65.15	50.45	47.55	51.85	47.95
W261840072500001	JODHPUR	Mandore	LORDI	Dug	1.50	72.83	26.31	226	39.8				38.30
W262100073023001	JODHPUR	Mandore	MANDORE1	Dug	0.00	73.04	26.35	245	35.54	9.24	6.34	6.54	6.64
W261440072543001	JODHPUR	Mandore	NARAN KI DHANI	Dug	2.00	72.91	26.24	256	60				43.38
W262504072553301	JODHPUR	Mandore	Narwa	PZ	0.00	72.93	26.42	249	203.1	41.70	34.70	41.30	41.95
W261425072550701	JODHPUR	Mandore	Rajiv Nagar(Chaukha)	PZ	0.68	72.92	26.24	242	126	17.72		16.12	16.82
W262447072495401	JODHPUR	Mandore	Salodi	PZ	1.00	72.83	26.41	237	200.05	19.15	14.10	13.30	16.10
W262957072525301	JODHPUR	Osian	BALARWA	PZ	1.00	72.88	26.50	267	90				89.00
W264800072473701	JODHPUR	Osian	BHIMKAM KAUR	Dug	1.14	72.79	26.80	324	26			24.16	24.26
W264030072413001	JODHPUR	Osian	CHIRAI	Dug	1.40	72.69	26.68	262	32.82				31.42
W265612073033201	JODHPUR	Osian	KAPURIA	Dug	1.12	73.06	26.94	296	78.43				77.31
W264330072550002	JODHPUR	Osian	OSIAN2	Dug	0.00	72.92	26.73	339	39.21	8.23		8.21	8.83

## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W265106072130001	JODHPUR	Phalodi	Bada Mandla	PZ	1.00	72.22	26.85	253	166.5	92.20		93.40	94.70
W270400072144501	JODHPUR	Phalodi	KALPAN	Dug	2.15	72.25	27.07	259	105				102.85
W265500072180001	JODHPUR	Phalodi	KOLU	Dug	0.10	72.30	26.92	260	98		76.40		97.90
W265500072180002	JODHPUR	Phalodi	Kolu Pz	PZ	0.00	72.30	26.92	260	98		76.40		77.90
W270340072243001	JODHPUR	Phalodi	Lordiya	PZ	1.00	72.41	27.06	262	194	21.00		24.80	22.80
W262100072190001	JODHPUR	Shergarh	Balesar-I	PZ	0.00	72.32	26.35	231	53.04	10.15			
W262000072120001	JODHPUR	Shergarh	KUMARO KI DHANI	Dug	1.75	72.20	26.33	217	44.05	36.75	36.55	37.05	37.15
W262140072171001	JODHPUR	Shergarh	Nahar Singh Nagar	PZ	1.00	72.29	26.36	249	100	44.00	43.95	41.80	41.90
W261930072143701	JODHPUR	Shergarh	Rajwa	PZ	1.00	72.24	26.33	220	142	14.97	22.00	12.60	13.40
W261945072180002	JODHPUR	Shergarh	SHERGARH1	PZ	0.00	72.30	26.33	244	144.87	43.53	43.50	43.55	42.90
W264135076553001	KARAULI	Hindaun	BADH KAMLA	Dug	1.00	76.93	26.69	240	14.9	10.72	9.20	11.90	11.97
W263830077001501	KARAULI	Hindaun	GURLA1	Dug	0.40	77.00	26.64	256	36.3	24.25	15.50	18.70	17.14
W264400077020001	KARAULI	Hindaun	Hindaun	Dug	1.10	77.03	26.73	229	11	4.07	0.75	1.35	0.48
W264200077010001	KARAULI	Hindaun	ISLAMPUR	Dug	0.50	77.02	26.70	240	10	7.70	2.60	4.80	4.38
W262248076553301	KARAULI	Karauli	Atewa	PZ	1.00	76.93	26.38	302	75	16.80	9.22		12.00
W263210077080001	KARAULI	Karauli	BHAUAPURA	Dug	1.04	77.13	26.54	301	16.26	7.68	0.71	2.51	2.71
W262730076550001	KARAULI	Karauli	BIJALPUR	Dug	1.62	76.92	26.46	344	37				35.02
W263245077063001	KARAULI	Karauli	Chainpur_Pz	PZ	0.00	77.11	26.55	281	154		14.10	17.80	
W263145077043001	KARAULI	Karauli	Deeppura-Pz D	PZ	0.00	77.08	26.53	268	196.8	40.10	29.95	37.70	33.55
W263145077043002	KARAULI	Karauli	Deeppura-Pz M	PZ	0.00	77.08	26.53	268	105.3		9.80		
W262530076560001	KARAULI	Karauli	KARSAI	Dug	0.50	76.93	26.43	284	24	19.40	14.15	4.60	13.50
W262100076560001	KARAULI	Karauli	KELADEVI	Dug	1.87	76.93	26.35	340	15.17	11.88	1.56	5.23	5.92
W262600076570001	KARAULI	Karauli	Mamachari	Dug	0.10	76.95	26.43	293	20	15.95	11.55	12.15	11.80
W262650077051501	KARAULI	Karauli	SANKRA2	Dug	0.40	77.09	26.45	316	9.25	8.85	1.00	2.70	5.80
W264050076440001	KARAULI	Nadauti	NADAUTI	Dug	0.55	76.73	26.68	242	10.21	4.95	1.90	3.15	2.45
W263630076430001	KARAULI	Nadauti	SAHAR1	Dug	0.54	76.72	26.61	254	29.56	13.36	7.26	9.56	12.16
W262445077074501	KARAULI	Sapotra	LANGRA	Dug	1.14	77.13	26.41	306	15		7.16	9.96	12.62
W261900076500001	KARAULI	Sapotra	Lohrra	Dug	0.15	76.83	26.32	302	14.7		1.89	3.65	4.66
W261820077145501	KARAULI	Sapotra	MANDRAL	Dug	1.36	77.25	26.31	199	36	31.74	27.34	29.54	30.17
W261930076410001	KARAULI	Sapotra	NAROLI DANG	Dug	0.50	76.68	26.33	267	18.03				17.53
W261721076451801	KARAULI	Sapotra	SAPOTRA1	Dug	0.84	76.76	26.29	253	17.45	15.82	9.92	12.46	14.90
W265600076510001	KARAULI	Todabhim	AZIZPUR	PZ	0.60	76.85	26.93	245	65	11.00	5.80		8.25
W264930076561501	KARAULI	Todabhim	KARANPURA1	PZ	0.60	76.94	26.83	222	59	20.35	17.65	21.50	21.50
W252645076260501	KOTA	Itawa	AYANA	Dug	0.53	76.43	25.45	245	21.17	15.18	2.27	9.77	9.90
W253433076183601	KOTA	Itawa	GAINTA	Dug	0.94	76.31	25.58	224	27		4.71	11.56	20.36
W252615076240001	KOTA	Itawa	KESHAVPURA	Dug	0.90	76.40	25.44	247	12.12	4.05	1.40	3.00	2.32
W254041076283001	KOTA	Itawa	KHATOLI	Dug	0.90	76.48	25.68	208	15.5	13.60	8.90	13.20	13.35
W250227075532401	KOTA	Ladpura	ALANIA	Dug	1.10	75.89	25.04	348	12.2		0.40	9.60	
W250115075420001	KOTA	Ladpura	BORAWAS	Dug	1.35	75.70	25.02	468	7.15	4.75	0.15	0.55	0.58
W245430075584001	KOTA	Ladpura	DARA	Dug	0.65	75.98	24.91	363	4	2.65	1.55	1.95	1.84
W251339075501601	KOTA	Ladpura	GIRDHARPURA	Dug	0.00	75.84	25.23	253	7	5.82	0.41	3.71	3.29
W251557075545501	KOTA	Ladpura	GUJLI	Dug	0.88	75.92	25.27	250	14.82	3.32	0.22	0.82	0.78
W250716075575601	KOTA	Ladpura	KHERARASULPUR	Dug	0.69	75.97	25.12	259	11.83	8.41	1.91	5.91	6.75
W251100075510001	KOTA	Ladpura	KOTA1	Dug	0.59	75.85	25.18	261	18.31	4.26	4.21	4.51	4.85
W245600075560001	KOTA	Ladpura	MANDANA	Dug	0.68	75.93	24.93	373	13.42	7.12	1.62	3.52	3.31
W251430076052001	KOTA	Sultanpur	DIGOD1	Dug	1.20	76.09	25.24	262	6.25	2.15	0.20	1.40	1.40
W251038076105601	KOTA	Sultanpur	GADEPAN	Dug	0.90	76.18	25.18	247	10.99	2.15	0.20	1.20	0.98
W252209076094501	KOTA	Sultanpur	MANDAVRA	Dug	0.68	76.16	25.37	219	16.28	12.32	2.42	8.02	8.20
W250600076120001	KOTA	Sultanpur	RAJGARH1	Dug	0.10	76.20	25.10	251	22.9	12.88	3.20	8.70	18.95
W252200076180001	KOTA	Sultanpur	RATTANPURA	Dug	0.80	76.30	25.37	235	21.17	19.10	2.80	17.60	17.91
W265130074023001	NAGAUR	Degana	CHAKDHANI	Dug	2.21	74.04	26.86	318	47.79	38.49	36.89	38.29	38.89
W265830074124501	NAGAUR	Degana	CHOSLI	Dug	1.78	74.21	26.98	342	49	45.22	45.22	45.32	44.32
W265300074190001	NAGAUR	Degana	Degana	PZ	0.00	74.32	26.88	339	100	28.40	28.10	28.40	28.60
W265330074193001	NAGAUR	Degana	DEGANA JN.	Dug	1.44	74.33	26.89	342	80		27.66		28.16
W264400074280001	NAGAUR	Degana	HARSOR	Dug	1.56	74.47	26.73	411	14				7.34
W263900074160001	NAGAUR	Degana	PADUKALAN	Dug	0.14	74.27	26.65	350	43				42.86
W271620074201501	NAGAUR	Didwana	BANTHRI	Dug	1.00	74.34	27.27	308	51				50.00
W270915074204501	NAGAUR	Didwana	CHHOTI KHATU	Dug	1.00	74.35	27.15	346	43	22.80	22.30	25.95	26.20
W272215074390001	NAGAUR	Didwana	DAULATPURA	Dug	2.12	74.65	27.37	358	35	30.58	30.43	32.28	30.78
W272400074330001	NAGAUR	Didwana	DIDWANA1	Dug	0.00	74.55	27.40	343	31.63	14.43	14.03	15.33	15.03
W271000074240001	NAGAUR	Didwana	KERAP	Dug	2.72	74.40	27.17	337	46				43.28
W272045074290001	NAGAUR	Didwana	KOLIA	Dug	1.27	74.48	27.35	332	35				19.73
W272045074290002	NAGAUR	Didwana	Kolia	PZ	0.50	74.48	27.35	332	100	19.35	18.10	19.63	
W272400074353001	NAGAUR	Didwana	PADMANIWAS	Dug	2.13	74.59	27.40	342	9.87	4.87	4.77		
W272200074310001	NAGAUR	Didwana	RAGHUNATHPURA	Dug	2.64	74.52	27.37	340	45.36	34.96	34.36	35.96	33.46
W271815074304501	NAGAUR	Didwana	SINGHANA1	Dug	0.00	74.51	27.30	348	40.38	29.42	29.37	30.47	29.57
W271500074170001	NAGAUR	Jayal	KATOTI	Dug	2.37	74.28	27.25	311	55				52.63
W273700074260001	NAGAUR	Ladnu	BANKALIA	Dug	2.68	74.43	27.62	326	49.32	26.12	25.32	26.32	26.12
W273340074152001	NAGAUR	Ladnu	Manu	PZ	1.00	74.26	27.56	332	100	40.60	40.60	42.60	54.90
W273100074310001	NAGAUR	Ladnu	SANWARD	Dug	2.53	74.52	27.52	339	34	30.45	30.37		32.77
W263530074001501	NAGAUR	Merta	BHOORIYASAM	Dug	1.96	74.00	26.59	308	28.04				26.08
W263915073574501	NAGAUR	Merta	KALRU	Dug	1.43	73.96	26.65	304	13.57				12.14



## Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Appendix I

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W263900074010002	NAGAUR	Merta	Merta City	PZ	1.00	74.02	26.65	308	77	20.70	18.70	17.95	17.10
W264000073430001	NAGAUR	Merta	SANGWA KI DHANI	Dug	1.93	73.72	26.67	322	57				55.07
W270800073220001	NAGAUR	Mundwa	DEU	Dug	2.12	73.37	27.13	306	60	56.58	56.63	57.18	54.48
W270400073493001	NAGAUR	Mundwa	MUNDWA1	Dug	1.75	73.83	27.07	334	72.99				71.24
W265430073230001	NAGAUR	Mundwa	NAGARI	Dug	2.19	73.38	26.91	312	59.82				57.63
W270630073131501	NAGAUR	Mundwa	PANCHORI	Dug	1.50	73.22	27.11	291	23.53				22.03
W271400073460001	NAGAUR	Nagaur	AMARPURA1	Dug	1.92	73.77	27.23	300	28.08				26.16
W271800073370001	NAGAUR	Nagaur	BARANI	Dug	1.75	73.62	27.30	292	65.2	57.25	57.35	58.35	59.15
W272600073330001	NAGAUR	Nagaur	CHILO	Dug	0.68	73.55	27.43	305	36	34.10	34.07	33.82	33.24
W271349073290001	NAGAUR	Nagaur	GURHA	Dug	2.04	73.48	27.23	310	76				69.76
W271100073450001	NAGAUR	Nagaur	Nagaur1	PZ	0.00	73.75	27.18	295	100	23.95	23.90	22.50	23.50
W265000074433001	NAGAUR	Parbatsar	PIPLAD	Dug	1.00	74.73	26.83	451	24				23.00
W262945073594501	NAGAUR	Riyan	KUCHERA	PZ	0.90	74.00	26.50	315	74	49.90	50.00	48.20	48.80
W263200074150001	NAGAUR	Riyan	RIAN	Dug	1.63	74.25	26.53	351	46	42.27		41.47	40.75
W250930073120001	PALI	Bali	PERWA	Dug	1.25	73.20	25.16	300	15	12.95	0.50	3.32	4.75
W251100073173001	PALI	Bali	RADAWAS	Dug	0.98	73.29	25.18	306	24.03	20.42	3.82	5.03	6.48
W251400073313001	PALI	Desuri	GHANERAO	Dug	0.58	73.53	25.23	378	23.12	7.67	1.22		
W250800073280001	PALI	Desuri	RANAKPUR	Dug	2.13	73.47	25.13	419	16.46	4.02	0.97		
W251045073274501	PALI	Desuri	SADRI	Dug	0.70	73.46	25.18	359	19.3	9.40	3.30		
W262100074004501	PALI	Jaitaran	BASSI1	Dug	0.00	74.01	26.35	304	17	14.25	8.85	8.55	8.45
W260900073490001	PALI	Jaitaran	NIMAJ	Dug	1.30	73.82	26.15	284	39	37.60	35.30	34.50	35.20
W261200073490001	PALI	Jaitaran	PRITHIPIURA	Dug	0.00	73.82	26.20	284	36	22.15	22.05	21.95	21.45
W254800073350001	PALI	Marwar Jn.	Binjliawas	PZ	1.00	73.58	25.80	253	150	9.80	6.40	6.50	7.90
W253630073184501	PALI	Pali	GUNDOJ	Dug	0.25	73.31	25.61	229	24.14	5.85	3.75	4.08	4.88
W254600073200001	PALI	Pali	PALI1	Dug	0.00	73.33	25.77	218	12.09	6.09	1.19	1.34	1.67
W260800074063001	PALI	Raipur	HAIJWAS	Dug	1.15	74.11	26.13	346	21.98	9.25	8.35		7.30
W260415074040001	PALI	Raipur	RAIPUR-I	Dug	0.00	74.07	26.07	347	12.5		4.40	6.70	
W260330074033001	PALI	Raipur	RAIPUR-II	Dug	0.00	74.06	26.06	343	12.7		11.40	10.70	10.10
W252945073153001	PALI	Rani	KIRWA	Dug	0.00	73.26	25.50	240	21	20.70	4.60	9.20	10.80
W254945073034501	PALI	Rohat	JAITPURA	Dug	0.78	73.06	25.83	186	13.89	6.12	5.42	5.24	5.62
W255705073083501	PALI	Rohat	ROHAT1	Dug	0.00	73.14	25.95	189	24	1.88	0.18	0.68	1.04
W254300072580001	PALI	Rohat	VAED	Dug	1.31	72.97	25.72	173	16.81	6.25	3.69	2.84	3.89
W250845073040001	PALI	Sheoganj	SUMERPUR1	Dug	0.00	73.07	25.15	274	18.3		8.10		6.60
W255200073283001	PALI	Sojat	KANAWAS	Dug	0.00	73.48	25.87	237	20	14.50	5.20	4.70	7.60
W255000073381501	PALI	Sojat	KARIASODA	Dug	0.65	73.64	25.83	266	21	16.15	11.55	12.05	14.45
W255830073230001	PALI	Sojat	SARDARSAMAD	Dug	0.90	73.38	25.98	219	17	5.30	3.80	7.20	5.40
W250651073093101	PALI	Sumarpur	Balwana	Dug	0.69	73.16	25.11	299	10	6.26	2.01	2.31	2.21
W252200073120001	PALI	Sumarpur	BIRAMI	Dug	0.30	73.20	25.37	250	20	18.35	9.20	14.65	15.95
W251345073094501	PALI	Sumarpur	NIMBORNATH	Dug	0.36	73.16	25.23	282	8.3	3.04	2.04	2.14	2.10
W251855073105801	PALI	Sumarpur	SANDERAO	Dug	1.05	73.18	25.32	256	17.2	11.25	2.15	3.33	3.65
W235400074484501	PRATAPGARH	Arnod	Arnod	Dug	1.00	74.81	23.90	511	9.94	13.10	3.79	4.14	4.42
W234630074513001	PRATAPGARH	Arnod	Mohada	Dug	0.50	74.86	23.78	505	18.5	16.60	3.30	3.23	3.36
W233700074510001	PRATAPGARH	Arnod	Ninor	Dug	1.00	74.85	23.62	532	10.36	4.73	0.41	1.15	1.61
W233700074510002	PRATAPGARH	Arnod	Ninor Pz	PZ	1.00	74.85	23.62	532	150	12.40	5.11	6.00	7.61
W242310074420001	PRATAPGARH	Chhotisadri	Choti Sadri	Dug	0.43	74.70	24.39	494	25.68	23.67	0.57	0.80	1.03
W241600074403001	PRATAPGARH	Chhotisadri	Dholapani	Dug	0.60	74.68	24.27	417	7	3.50	0.09	0.40	0.61
W240545074273001	PRATAPGARH	Dhariyawad	Dhariwad	Dug	0.00	74.46	24.10	234	8.45		0.90	1.55	1.35
W240521074293001	PRATAPGARH	Dhariyawad	Jawahar Nagar	Dug	0.70	74.49	24.09	233	8.37	4.22	1.10	3.88	3.64
W235736074252601	PRATAPGARH	Dhariyawad	Mungna	Dug	0.00	74.42	23.96	215	13.56	10.91	1.74	1.56	1.60
W234433074405901	PRATAPGARH	Peepalkhoont	JHATIA BARI	Dug	0.94	74.68	23.74	339	7.56	6.46	2.06	2.58	1.52
W234745074340001	PRATAPGARH	Peepalkhoont	Peepalkhoont	Dug	0.23	74.57	23.80	221	14		1.26	1.69	1.57
W241054074421001	PRATAPGARH	Pratapgarh	Barawarda	Dug	0.21	74.70	24.18	406	19.79	9.89	0.54	0.59	0.60
W240219074393101	PRATAPGARH	Pratapgarh	Devgarh	Dug	0.50	74.66	24.04	526	6	2.10	1.35	1.50	0.50
W235300074400001	PRATAPGARH	Pratapgarh	Lamba Dabra	Dug	0.00	74.67	23.88	368	16.2	15.30	5.03	6.32	5.20
W240200074533001	PRATAPGARH	Pratapgarh	Mokhampura	Dug	0.00	74.89	24.03	499	20	18.40	3.18	4.25	3.92
W240300074470001	PRATAPGARH	Pratapgarh	Pratapgarh	Dug	0.00	74.78	24.05	507	11	8.00	4.56	5.42	4.91
W240430074343001	PRATAPGARH	Pratapgarh	Punga Talab	Dug	0.21	74.58	24.08	363	12.99		0.48	0.72	0.59
W240200074583901	PRATAPGARH	Pratapgarh	RAJPURIA	Dug	0.52	74.98	24.03	447	13.18	11.38	0.84	0.71	0.38
W235645074403701	PRATAPGARH	Pratapgarh	Suhagpura	Dug	0.10	74.68	23.95	438	14	11.80	1.95	2.16	1.90
W251520073560001	RAJSAMAND	Amet	CHATTARPUR	Dug	0.62	73.93	25.26	583	18.33	16.48	12.08	12.26	12.20
W251400073530001	RAJSAMAND	Amet	GUGLI	Dug	0.43	73.88	25.23	609	21	16.37	8.85	8.81	8.67
W251200073520001	RAJSAMAND	Amet	NADIAWALA	Dug	0.61	73.87	25.20	592	22	19.34	11.84	12.79	12.95
W245100073400001	RAJSAMAND	Badgaon	SANGET	Dug	0.86	73.67	24.85	747	21	14.37	7.46	7.34	7.36
W253600073530001	RAJSAMAND	Bhim	Bagar1	PZ	1.00	73.88	25.60	651	150	10.44	0.18	3.40	3.58
W253040073514501	RAJSAMAND	Bhim	BAGHANA	Dug	0.74	73.86	25.51	658	17.86	13.86	3.29	2.61	2.73
W255000074050001	RAJSAMAND	Bhim	BALI1	Dug	1.30	74.08	25.83	549	12.82	10.00	3.07	3.50	3.54
W254000074010001	RAJSAMAND	Bhim	BARAR	Dug	0.80	74.02	25.67	645	20.63	11.80	5.00	12.10	10.41
W254400074050001	RAJSAMAND	Bhim	BHIM1	Dug	1.00	74.08	25.73	572	19.77	11.30	0.43	0.80	0.83
W252500073490001	RAJSAMAND	Bhim	DEWAI	Dug	2.00	73.82	25.42	738	15.39	9.30	0.22	0.36	1.32
W254700074110001	RAJSAMAND	Bhim	GHATO1	Dug	0.80	74.18	25.78	538	15.6	12.40	11.20	5.85	12.50
W255100074080001	RAJSAMAND	Bhim	Sheron Ka Bala	Dug	0.86	74.13	25.85	609	17.18	8.90	0.38	1.76	1.76
W253600073560001	RAJSAMAND	Deogarh	THIKARWAS	Dug	1.24	73.93	25.60	636	16.79	9.68	1.57	1.66	1.82



Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W245500073440001	RAJSAMAND	Khamnor	KHAMNOR1	Dug	0.00	73.73	24.92	613	17	14.70	6.55	7.00	7.04
W245400073490001	RAJSAMAND	Khamnor	ODAN	Dug	0.61	73.82	24.90	618	13.53	6.34	2.65	3.39	3.45
W251530073431501	RAJSAMAND	Kumbhalgarh	Bhop Ji Ki Bhagal	PZ	1.15	73.72	25.26	725	129	16.10			14.28
W250500073340001	RAJSAMAND	Kumbhalgarh	DOWAS	Dug	1.13	73.57	25.08	1131	11	4.32		0.29	0.26
W250730073420001	RAJSAMAND	Kumbhalgarh	Gajpura	Dug	1.00	73.70	25.13	887	10.01	17.96	4.91	5.08	5.64
W251642073465801	RAJSAMAND	Kumbhalgarh	Gomti Chouraha	PZ	0.90	73.78	25.28	668	100	13.00	4.45	7.90	7.99
W251400073393001	RAJSAMAND	Kumbhalgarh	JHILWARA	Dug	1.51	73.66	25.23	758	18.86	16.62	2.14	2.08	1.96
W250600073360001	RAJSAMAND	Kumbhalgarh	KALWANA	Dug	0.50	73.60	25.10	857	14	12.20	3.18	3.12	3.09
W245800073330001	RAJSAMAND	Kumbhalgarh	KANCHOLI	Dug	1.15	73.55	24.97	799	14.35	7.95	0.70	1.25	1.21
W250600073364801	RAJSAMAND	Kumbhalgarh	KELWARA	Dug	0.41	73.61	25.10	829	11.09	5.90	1.52	1.71	1.73
W251905073483001	RAJSAMAND	Kumbhalgarh	KITELA	Dug	0.34	73.81	25.32	696	17.16	10.56	2.91	3.84	3.78
W251435073470001	RAJSAMAND	Kumbhalgarh	MANSINGH KAGURA	Dug	0.29	73.78	25.24	662	17.81	8.71	4.34	3.13	3.32
W245600074060001	RAJSAMAND	Railmagra	GAVERDI	Dug	1.35	74.10	24.93	482	20.87	13.47	9.15	9.85	9.96
W250700074050001	RAJSAMAND	Railmagra	KHANDEL1	Dug	0.21	74.08	25.12	511	18	11.69	5.29	2.13	5.16
W250200074010001	RAJSAMAND	Railmagra	ODA1	Dug	0.82	74.02	25.03	516	18	3.98	1.00	1.58	1.50
W250200074070001	RAJSAMAND	Railmagra	RAILMAGRA1	Dug	0.88	74.12	25.03	491	21	11.72			
W250800073510001	RAJSAMAND	Rajsamand	MOKAMPURA	Dug	0.61	73.85	25.13	586	17	15.59	2.05	3.53	3.41
W250400073530001	RAJSAMAND	Rajsamand	RAJSAMAND	Dug	1.03	73.88	25.07	547	20.2	18.48	3.58	3.61	3.63
W263300076334001	SAWAI MADHOPUR	Bamanwas	BAMNAWAS	Dug	0.63	76.56	26.55	253	17	6.69	4.34	5.47	4.30
W262240076325501	SAWAI MADHOPUR	Bamanwas	MEENAPARA	PZ	1.03	76.55	26.38	243	26	15.92	10.17	13.77	14.27
W263015076331001	SAWAI MADHOPUR	Bamanwas	PIPLAI	Dug	0.61	76.55	26.50	253	16	10.69	9.89	12.69	9.01
W261400076230001	SAWAI MADHOPUR	Bonli	BHADOTI	Dug	0.34	76.38	26.23	243	13.82	13.18	7.46	9.56	11.12
W262115076151501	SAWAI MADHOPUR	Bonli	BONALI	Dug	0.64	76.25	26.35	274	12	8.07	2.26	3.41	5.76
W261820076225001	SAWAI MADHOPUR	Bonli	MALARNACHOR	Dug	1.01	76.38	26.31	247	18	8.14	1.09	1.29	5.21
W261945076293001	SAWAI MADHOPUR	Bonli	MORAL TIWARA	Dug	0.90	76.49	26.33	236	14.1	13.00	1.80	3.20	5.86
W262200076234001	SAWAI MADHOPUR	Bonli	TOND	Dug	0.81	76.39	26.37	244	16.9		0.19	1.69	
W262900076440001	SAWAI MADHOPUR	Gangapur	GANGAPUR2	Dug	1.00	76.73	26.48	264	12.3	10.46	5.80	7.10	7.45
W263130076510001	SAWAI MADHOPUR	Gangapur	SEWA	Dug	1.07	76.85	26.53	269	13	9.68	1.48	3.33	7.60
W255600076260001	SAWAI MADHOPUR	Khandar	BODAL	Dug	0.81	76.43	25.93	234	12.69	7.64	1.59	3.34	4.30
W255500076280001	SAWAI MADHOPUR	Khandar	CHANN	Dug	0.75	76.47	25.92	244	25	23.80	14.65	14.85	14.34
W255600076263001	SAWAI MADHOPUR	Khandar	HINDWAR	Dug	1.25	76.44	25.93	233	16.25	11.71	7.55	9.45	10.20
W260120076354001	SAWAI MADHOPUR	Khandar	KHANDAR1	Dug	0.94	76.59	26.02	231	36.67	14.62	6.86	12.66	12.66
W255500076312001	SAWAI MADHOPUR	Khandar	PHARIYA	Dug	0.86	76.52	25.92	226	18		8.64	14.44	14.24
W255630076221701	SAWAI MADHOPUR	Sawai Madhopur	Kushlipura	Dug	0.75	76.37	25.94	264	15	8.36	8.45	2.05	3.73
W255800076160001	SAWAI MADHOPUR	Sawai Madhopur	KUSHTALA	Dug	0.64	76.27	25.97	267	16				13.72
W260100076273001	SAWAI MADHOPUR	Sawai Madhopur	RANTHAMBOR	Dug	1.05	76.46	26.02	403	14.64	9.17	6.25	6.30	6.53
W260515076214001	SAWAI MADHOPUR	Sawai Madhopur	SURWAL	Dug	0.00	76.36	26.09	246	12.67		5.67	6.62	6.67
W271900075174201	SIKAR	Danta Ramgarh	BAI2	PZ	0.86	75.30	27.32	423	41	17.01	17.09	16.94	16.99
W272315075030001	SIKAR	Danta Ramgarh	KARANPURA	PZ	1.00	75.05	27.39	460	82.5	70.30	77.29	72.57	72.60
W272200075240001	SIKAR	Danta Ramgarh	Khatu Shyamji	PZ	0.00	75.40	27.37	448	64	27.02	27.26	27.64	27.67
W273001074562902	SIKAR	Dhod	Anokh_Pz	PZ	0.00	74.94	27.50	405	90	67.70	69.25	66.74	66.80
W273000074590001	SIKAR	Dhod	Binjyasi	PZ	0.97	74.98	27.50	421	101	62.10	62.63	63.06	63.10
W273200075000001	SIKAR	Dhod	DHOD	PZ	0.81	75.00	27.53	425	111	74.84	76.30	75.85	75.79
W274300075051501	SIKAR	Dhod	RASHIDPURA	PZ	1.00	75.09	27.72	392	100	82.93	82.70		
W275403074574001	SIKAR	Fatehpur	BALARAN	PZ	1.43	74.96	27.90	338	87.66	54.77	53.99	52.85	52.87
W275328074544601	SIKAR	Fatehpur	Bibipur	PZ	0.00	74.91	27.89	335	90	42.70	47.02	44.74	44.80
W275444074535701	SIKAR	Fatehpur	Bikamsara	PZ	0.00	74.90	27.91	331	88.5	40.47	39.81	39.47	39.50
W275330075000001	SIKAR	Fatehpur	CHINCHAS	PZ	0.97	75.00	27.89	348	88.9	49.93	49.04	50.10	49.93
W280314074561601	SIKAR	Fatehpur	Dewas	PZ	0.00	74.94	28.05	316	76.4	36.00	36.08	36.03	36.05
W280529074514901	SIKAR	Fatehpur	Dhanadhan	PZ	0.00	74.86	28.09	313	94.5	34.60		34.59	32.60
W275318074571101	SIKAR	Fatehpur	Harsawa Bara	PZ	0.00	74.95	27.89	344	93.5	46.00	46.02	46.14	46.20
W280424074492301	SIKAR	Fatehpur	Ramsisar	PZ	1.00	74.82	28.07	313	90	35.42	35.28	34.99	34.98
W280300074520002	SIKAR	Fatehpur	ROHALSOBHSAR	PZ	1.00	74.87	28.05	313	105	35.83	35.63	35.80	35.81
W280804074573501	SIKAR	Fatehpur	ROOKANSAR	PZ	0.94	74.96	28.13	306	87.04	30.66	30.44	30.26	30.76
W275021074533202	SIKAR	Fatehpur	Roru Badi_I	PZ	0.00	74.89	27.84	344	78	43.70	43.70	43.67	43.60
W275021074533201	SIKAR	Fatehpur	Roru Badi_II	PZ	0.00	74.89	27.84	344	78	43.60	37.62	44.13	44.15
W275152074514101	SIKAR	Fatehpur	Sekhiwas	PZ	0.00	74.86	27.86	338	79	41.70	41.53	41.59	41.65
W272900075330001	SIKAR	Khandella	Dhadhliawas	PZ	1.00	75.55	27.48	480	64	52.30	58.54	59.04	60.33
W273300075280001	SIKAR	Khandella	Dhudhwalo Ka Bas	PZ	1.00	75.47	27.55	503	73	58.20	61.36	61.70	59.85
W272500075310001	SIKAR	Khandella	Nathusar	PZ	1.00	75.52	27.42	482	66	46.25	47.95	48.08	50.14
W274730075080001	SIKAR	Lachhmangarh	Bau	PZ	1.00	75.13	27.79	385	101.1	64.45	71.80	70.87	85.40
W274715074583101	SIKAR	Lachhmangarh	Datunjala	PZ	0.00	74.98	27.79	356	87	54.27	54.42	54.57	54.60
W274543074484901	SIKAR	Lachhmangarh	Dewau Ji Ka Bas	PZ	0.00	74.81	27.76	348	84	46.10	46.29	46.52	46.37
W274340074502301	SIKAR	Lachhmangarh	Garoda	PZ	0.00	74.84	27.73	348	81	42.43	42.48	42.57	42.60
W273945074532701	SIKAR	Lachhmangarh	GHANA	PZ	0.96	74.89	27.66	365	98.5	67.19	70.72	63.98	67.39
W274742074522501	SIKAR	Lachhmangarh	JAJOD	PZ	1.07	74.87	27.80	346	91.5	52.78	51.64	51.89	52.13
W274800075010001	SIKAR	Lachhmangarh	Lachhmangarh	PZ	1.00	75.02	27.80	362	100	68.80	69.29	68.53	68.50
W273700074461201	SIKAR	Lachhmangarh	NECHWA	PZ	1.00	74.77	27.62	357	69	42.66	42.79	42.88	42.80
W274454075525401	SIKAR	Neem Ka Thana	Barala	Dug	1.50	75.88	27.75	418	9.9	8.60			6.70
W274800075590001	SIKAR	Neem Ka Thana	PATAN	Dug	0.68	75.98	27.80	418	17	11.72	9.22	11.46	11.52
W273445075110001	SIKAR	Piprali	GOKALPURA	PZ	1.70	75.18	27.58	451	90.1	59.97	66.63	60.44	66.70
W273300075160001	SIKAR	Piprali	Goriya	PZ	1.00	75.27	27.55	451	83	27.80	29.87	28.59	28.61

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W273700075060002	SIKAR	Piprali	Nani	PZ	1.00	75.10	27.62	421	131	58.20	57.66	58.73	57.92
W273000075210002	SIKAR	Piprali	PALSANA	PZ	1.00	75.35	27.50	492	62	41.09	40.87	40.79	28.60
W273828075150003	SIKAR	Piprali	Piprali Pz	PZ	0.60	75.25	27.64	478	100	65.80	63.97	64.27	64.30
W273900075080001	SIKAR	Piprali	Sabalpura	PZ	1.00	75.13	27.65	423	137.5	70.85	71.66	81.91	86.10
W272400075490001	SIKAR	Sri Madhopur	Ajitgarh	PZ	0.95	75.82	27.40	531	92.9	38.90	40.44	41.12	41.08
W242700072450001	SIROHI	Abu Road	Manpur2	PZ	0.74	72.75	24.45	250	150	21.97	3.57	6.16	7.76
W243750072420501	SIROHI	Abu Road	MOUNT ABU	Dug	0.51	72.70	24.63	380	51.2	7.44			
W242900072410001	SIROHI	Abu Road	Mungthalla	PZ	0.35	72.68	24.48	252	150	13.55	7.75	7.65	7.93
W242500072463501	SIROHI	Abu Road	SIYANA	Dug	0.42	72.78	24.42	264	11.08	8.18	7.18	6.98	7.75
W244800073040001	SIROHI	Pindwara	Pindwara	PZ	0.50	73.07	24.80	378	150	12.20	0.80		
W243930072561001	SIROHI	Pindwara	SARUPGANJ	Dug	1.22	72.94	24.66	334	21	18.08	1.98	8.30	9.48
W245045072591501	SIROHI	Pindwara	VIRWARA	Dug	1.15	72.99	24.85	403	19.55	14.95	1.55	1.23	1.83
W243800072390001	SIROHI	Reodar	Anadara	PZ	1.00	72.65	24.63	272	150	17.90	15.90	15.35	17.47
W244030072403001	SIROHI	Reodar	GULABGANJ	Dug	1.01	72.68	24.68	287	22	12.29	6.49	5.64	6.84
W243805072293001	SIROHI	Reodar	JIRAWAL	Dug	0.94	72.49	24.63	257	29.06	16.38	6.36	14.46	28.26
W243800072320001	SIROHI	Reodar	Reodar	PZ	1.00	72.53	24.63	256	150	18.40	15.50	17.00	17.65
W245720072533001	SIROHI	Sheoganj	AMBESHWARI	Dug	0.07	72.89	24.96	279	25.43	4.78	1.83	1.65	2.05
W250055072553001	SIROHI	Sheoganj	Palri M	Dug	1.00	72.93	25.02	260	48	43.80	35.60	23.12	30.35
W250800072580001	SIROHI	Sheoganj	Posaliya	PZ	1.10	72.97	25.13	253	150	33.80		6.48	12.67
W245943072430001	SIROHI	Sirohi	BARLOT	Dug	1.03	72.72	25.00	230	29	27.22	20.27	24.12	24.80
W245530072411501	SIROHI	Sirohi	KALANDRI	Dug	0.52	72.69	24.93	262	18	17.38	3.78	12.84	16.15
W244610072441001	SIROHI	Sirohi	Mera Kishanganj Pz	PZ	1.00	72.74	24.77	317	120	20.90	3.50	9.45	
W244800072404501	SIROHI	Sirohi	PALRI	Dug	0.83	72.68	24.80	349	19	17.77	5.37	6.34	11.62
W245300072520001	SIROHI	Sirohi	SIROHI	Dug	1.39	72.87	24.88	319	27.26	8.71	2.31	1.49	3.11
W255300075340001	TONK	Deoli	BANTHOLI	Dug	0.50	75.57	25.88	299	11	9.80	3.10	7.50	7.36
W255345075500001	TONK	Deoli	Nagar1	Dug	0.50	75.83	25.90	297	15				4.72
W255150075165001	TONK	Deoli	RAMTHALA	Dug	0.99	75.28	25.86	315	7.55	4.88	4.87	2.02	1.31
W254842075283001	TONK	Deoli	SIROHI1	Dug	0.00	75.48	25.81	308	10.65	5.08	1.70	0.95	1.36
W261418075111501	TONK	Malpura	DEWAL1	Dug	0.50	75.19	26.24	339	7	5.10	4.70	4.92	2.70
W262330075291501	TONK	Malpura	JAISINGHPUR	Dug	0.95	75.49	26.39	315	10.85	4.53	0.45	2.40	2.25
W261700075230001	TONK	Malpura	MALPURA1	Dug	0.00	75.38	26.28	327	16.18	2.40	7.40	8.75	4.90
W262200075560001	TONK	Newai	NIWAI1	Dug	1.05	75.93	26.37	321	40	37.35	17.55	18.05	19.13
W261100075343001	TONK	Todaraisingh	HAMIRPUR	Dug	0.37	75.58	26.18	287	10	5.43	4.03	3.93	4.26
W260050075292001	TONK	Todaraisingh	TODARISINGH1	Dug	1.40	75.49	26.01	391	16.14	1.50	0.75	1.20	1.15
W260330075483001	TONK	Tonk	ARNIYALMAL	Dug	0.30	75.81	26.06	291	11.7	4.85	2.55	3.15	4.27
W260330075523001	TONK	Tonk	Ghans	PZ	1.00	75.88	26.06	274	196.8	5.66	2.80	5.10	5.60
W255955075410001	TONK	Tonk	MAHUVA	Dug	0.81	75.68	26.00	283	9	6.09	1.49	2.59	2.83
W260639075433002	TONK	Tonk	Nehndwas	Dug	0.46	75.73	26.11	290	20	15.45	13.80	13.65	13.66
W260530075500001	TONK	Tonk	Rustamganj	PZ	0.00	75.83	26.09	284	160.4	4.81	2.20	3.30	3.00
W261430075510001	TONK	Tonk	SOHELA	Dug	0.20	75.85	26.24	268	16.61	8.52	1.70	3.30	4.18
W255800076050001	TONK	Uniara	ALIGARH	Dug	0.00	76.08	25.97	272	31	29.34	6.39	8.99	15.19
W255830075575801	TONK	Uniara	DIKOLIYA	Dug	0.00	75.97	25.98	280	11.95	8.38	2.23	1.43	2.33
W254900076135801	TONK	Uniara	JAINAGAR	Dug	0.50	76.23	25.82	239	23		1.70	14.75	17.94
W260227075532001	TONK	Uniara	NAYAGAON	Dug	0.69	75.89	26.04	280	11.11	4.22	1.71	2.76	3.10
W255330076104501	TONK	Uniara	Sop1	PZ	0.00	76.18	25.89	262	150		9.35	19.20	19.11
W244200073450002	UDAIPUR	Badgaon	CHIRWA	PZ	0.50	73.75	24.70	717	125.75	11.80	0.85	0.12	0.09
W243700074010001	UDAIPUR	Bhindar	BHATEWAR	Dug	1.16	74.02	24.62	493	12		7.69	10.14	10.19
W243430074100001	UDAIPUR	Bhindar	BHINDER	Dug	0.20	74.17	24.58	488	17.72	11.90	0.65	7.83	7.81
W243430074100002	UDAIPUR	Bhindar	Bhinder_Pz	PZ	0.00	74.17	24.58	488	150	11.95	3.21	3.36	3.38
W243300073550001	UDAIPUR	Bhindar	HARIYAB	Dug	0.27	73.92	24.55	520	20	17.93	0.28	1.05	1.03
W242600074160001	UDAIPUR	Bhindar	KANOD	Dug	1.50	74.27	24.43	471	14.2	10.20	1.33	1.36	1.35
W243320074120301	UDAIPUR	Bhindar	KHERODA	Dug	0.50	74.20	24.56	477	33	29.60	6.91	7.50	7.52
W240200074273001	UDAIPUR	Dhariyawad	KHUNTA	Dug	0.70	74.46	24.03	252	7.6		0.30	0.38	0.36
W243440073463501	UDAIPUR	Girwa	KANPUR	Dug	0.64	73.78	24.58	565	15.41	7.72	0.76	0.88	0.86
W242654073593001	UDAIPUR	Girwa	KURABAR	Dug	0.13	73.99	24.45	373	17.21	16.27	3.87	3.67	3.57
W241620073410001	UDAIPUR	Girwa	PADUNA	Dug	0.68	73.68	24.27	518	8	4.62	2.12	2.72	2.52
W243730073410001	UDAIPUR	Girwa	Ramgiri(badagaon)	Dug	0.50	73.68	24.63	615	15.5	13.65	2.66	2.72	2.77
W243308073425001	UDAIPUR	Girwa	SAVINA	Dug	0.00	73.71	24.55	583	34	5.10	2.66	2.80	2.85
W243348073392501	UDAIPUR	Girwa	Sisarma	Dug	2.80	73.66	24.56	646	19.9	11.15	5.08	5.52	5.51
W242945073364501	UDAIPUR	Girwa	UNDRI	Dug	1.80	73.61	24.50	685	10	2.60	0.76	1.24	1.21
W244800073280001	UDAIPUR	Gogunda	JASWANTGARH	Dug	0.00	73.47	24.80	837	17.79	10.10		0.40	0.31
W245000073320001	UDAIPUR	Gogunda	KATHAR1	Dug	0.00	73.53	24.83	803	6.8	3.30	0.33	0.56	0.54
W245130073254501	UDAIPUR	Gogunda	PUNAWALI	Dug	0.33	73.43	24.86	857	18.42	17.07	1.59	2.07	2.10
W244700073280001	UDAIPUR	Gogunda	SRIMALI KI KARIA	Dug	0.95	73.47	24.78	895	20.34	18.35	1.87	2.45	2.61
W241330073211501	UDAIPUR	Jhadol	AMALIA	Dug	0.50	73.35	24.23	554	12		1.70	2.62	2.60
W240900073210001	UDAIPUR	Jhadol	Garanwas	Dug	1.00	73.35	24.15	530	11.8	4.65	0.05	0.65	0.52
W241800073220001	UDAIPUR	Jhadol	Ghuri Mari	Dug	0.10	73.37	24.30	513	14.8		3.51	3.90	4.01
W242120073210001	UDAIPUR	Jhadol	LUNIYARA	Dug	0.66	73.35	24.36	458	13	9.44	2.79	2.90	3.00
W241459073175601	UDAIPUR	Jhadol	MANPURA	Dug	0.52	73.30	24.25	387	10	8.88	2.26	2.54	3.49
W241015073203501	UDAIPUR	Jhadol	SOM1	Dug	0.94	73.34	24.17	634	15.56	11.16	3.28	4.02	3.88
W235900073320001	UDAIPUR	Kherwara	KHERWARA	Dug	0.59	73.53	23.98	517	12.89	10.53	0.52	0.91	0.91
W240400073260001	UDAIPUR	Kherwara	Neecha Talab	Dug	0.50	73.43	24.07	419	10.5	6.94	0.26	0.62	0.68

Water Level Data of Ground Water Regime Monitoring Stations in Rajasthan State

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	May-16	Aug-16	Nov-16	Jan-17
W243738073233301	UDAIPUR	Kotra	PADAWALI	Dug	0.85	73.39	24.63	601	9.45	8.45			3.12
W241505074250001	UDAIPUR	Lasadiya	ARAMPURA	Dug	0.50	74.42	24.25	407	7.3	5.05	1.76	0.72	0.69
W244300073550001	UDAIPUR	Mavli	BHOYANA	Dug	1.00	73.92	24.72	525	14	9.80	1.25	1.32	1.30
W244500073500002	UDAIPUR	Mavli	GADOLI	PZ	0.00	73.83	24.75	540	116.52	19.26	1.18	1.42	1.47
W244700073590001	UDAIPUR	Mavli	MAVLI1	Dug	0.75	73.98	24.78	494	24.82	23.05	10.55	11.05	11.03
W240005073453001	UDAIPUR	Rishabhdeo	KALAYANPURA	Dug	0.56	73.76	24.00	278	6	3.98	0.71	0.84	0.86
W241019073590701	UDAIPUR	Salumber	BASSI	Dug	1.95	73.99	24.17	283	8.45	4.05	0.71	0.40	0.35
W241000074030001	UDAIPUR	Salumber	DEOLA	Dug	0.80	74.05	24.17	257	8.16	5.60	1.05	1.50	1.53
W240500074020001	UDAIPUR	Salumber	Devgaon1	PZ	0.00	74.03	24.08	242	110.8	2.18	2.48	2.65	2.64
W242013074005801	UDAIPUR	Salumber	GUREL	Dug	0.46	74.02	24.34	313	16.45	8.24	0.65	1.79	1.78
W240100073580001	UDAIPUR	Salumber	INTALIKHARA	PZ	1.00	73.97	24.02	230	116.4	2.10			2.96
W241742074043001	UDAIPUR	Salumber	KHAIRKA	Dug	0.90	74.08	24.30	315	10		1.35	1.93	1.92
W240419074040501	UDAIPUR	Salumber	KHOLRI	Dug	0.60	74.07	24.07	229	13.22	12.50	2.25	2.40	2.43
W240730074024801	UDAIPUR	Salumber	SALUMBER1	Dug	0.62	74.05	24.13	255	11.58		4.33	4.58	4.60
W241300073520001	UDAIPUR	Sarada	DINGRI	Dug	0.72	73.87	24.22	268	7	1.78	0.45	1.88	1.90
W241136073420001	UDAIPUR	Sarada	PARSHAD	Dug	0.50	73.70	24.19	395	8.2	5.94	2.55	2.62	2.80
W240900073500001	UDAIPUR	Sarada	SARADA	Dug	0.25	73.83	24.15	286	17.54	10.05	1.42	1.31	1.25
W240500073510001	UDAIPUR	Sarada	SEMRI	Dug	0.60	73.85	24.08	288	7.03	5.70	0.27	0.92	0.93

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W260200075060001	AJMER	Arain	AJAGARA	Dug	0.73	75.1	26.03	352	8.17	5.47	3.82	3.99	3.48	-0.40	-0.45	-1.60	-1.21
W262700075040001	AJMER	Arain	ARIAN	Dug	0.23	75.07	26.45	372	21.3	5.40	7.16	4.25	5.59	9.02	6.96	9.10	-0.02
W261245075021001	AJMER	Arain	Barora	Dug	0.36	75.04	26.21	372	9.84	0.00	0.00	5.04	5.23	0.00	0.00	-4.89	-4.29
W262500075080001	AJMER	Arain	DASUK	Dug	1.55	75.13	26.42	374	12.5	10.51	9.08	7.47	8.83	-5.06	-4.63	-5.01	-1.23
W255440075023001	AJMER	Arain	SANPLA	Dug	0.7	75.04	25.91	359	10.35	8.40	5.60	6.11	6.17	-2.65	-0.15	-1.64	-1.77
W260300075000001	AJMER	Arain	SARWAD	Dug	0	75	26.05	364	7.5	4.34	4.11	3.30	4.18	-0.38	-2.11	-1.20	-2.38
W260745074554001	AJMER	Bhinai	Goelo	Dug	0.53	74.93	26.13	366	12.17	0.00	6.55	6.60	7.52	0.00	0.12	-0.52	-2.85
W255430074120001	AJMER	Jawaja	BAGLIAS	Dug	0.3	74.2	25.91	567	9.94	8.44	5.75	6.62	7.91	1.19	2.40	0.39	-1.71
W255600074120001	AJMER	Jawaja	JAWAJA1	Dug	0.6	74.2	25.93	490	17.3	0.00	0.00	8.10	9.88	0.00	0.00	-0.40	-0.08
W260200074210001	AJMER	Jawaja	MAIDYABADAYA	Dug	0.33	74.35	26.03	486	14.57	5.40	3.87	3.79	5.85	4.55	5.80	5.38	-0.28
W260300074170001	AJMER	Jawaja	NARBADKHERA	Dug	1	74.28	26.05	463	29	12.63	10.87	11.10	13.04	5.17	6.43	6.40	4.76
W255300074090001	AJMER	Jawaja	TARAGARH	Dug	0.9	74.15	25.88	524	19.29	6.84	3.24	3.05	3.99	-2.67	0.89	0.17	-1.69
W255000075140001	AJMER	Kekri	BOGLA	Dug	0.68	75.23	25.83	331	10.07	7.69	5.71	5.11	6.24	-1.02	0.81	0.70	-3.62
W255900075090001	AJMER	Kekri	KEKRI1	Dug	1.16	75.15	25.98	361	14.39	3.89	1.59	2.20	2.97	-2.32	-1.55	-1.47	-1.53
W263905074561001	AJMER	Kishangarh	Tiloniya	PZ	1	74.94	26.65	440	150	23.42	16.97	17.29	21.12	0.10	6.72	6.63	0.58
W260442074223401	AJMER	Masuda	Andheri Devi	PZ	1	74.38	26.08	490	23	11.20	5.49	4.47	10.00	2.80	9.94	9.53	3.45
W255942074265801	AJMER	Masuda	Daultpura	PZ	0.5	74.45	26	460	197.4	19.58	11.71	9.99	13.10	-2.76	5.65	6.82	-1.55
W260130074393001	AJMER	Masuda	JHOPADIYAN	Dug	1.05	74.66	26.03	432	19.7	14.05	9.82	8.09	9.03	1.11	5.06	5.92	4.72
W255950074350001	AJMER	Masuda	LUDIYANA	Dug	0.67	74.58	26	413	15	13.03	12.00	11.07	11.37	1.30	2.13	1.77	-2.14
W260530074304501	AJMER	Masuda	MASUDA1	Dug	0.53	74.51	26.09	441	17.84	12.56	9.40	8.23	9.90	-1.26	1.52	2.25	-3.23
W260600074250001	AJMER	Masuda	PAKHRIAWAS	Dug	0	74.42	26.1	527	16.55	9.80	12.00	10.77	11.92	4.30	1.23	1.75	-2.12
W272130070300001	AJMER	Masuda	Ramgarh2	PZ	1	70.5	27.36	148	200	11.26	4.58	6.95	9.56	-5.26	-0.37	-2.03	-4.76
W261400074293001	AJMER	Pisangan	LAMANA	Dug	0.11	74.49	26.23	452	16	0.00	11.08	11.43	11.83	0.00	-1.04	-2.04	-5.54
W261712074442501	AJMER	Pisangan	NASIRABAD	Dug	0.5	74.74	26.29	425	20.87	6.78	3.61	1.77	2.20	-5.28	-2.99	-1.15	-1.70
W261448074344201	AJMER	Pisangan	Saradhana	PZ	0.25	74.58	26.25	469	160.2	0.00	16.95	17.08	0.00	0.00	2.36	1.70	0.00
W262400074370001	AJMER	Pisangan	TABJI	Dug	0.29	74.62	26.4	457	22.36	12.23	8.62	6.82	8.04	-6.52	-3.06	-2.00	-3.53
W262208074422101	AJMER	Srinagar	Gopalpura	PZ	0.8	74.71	26.37	473	200	16.85	11.00	14.28	16.82	2.15	8.69	4.80	-1.22
W262400074520001	AJMER	Srinagar	KANPUR1	Dug	0.4	74.87	26.4	409	10	0.00	0.00	7.51	7.48	0.00	0.00	-4.10	-2.48
W261830074550001	AJMER	Srinagar	Morajhar	PZ	1	74.92	26.31	382	150	10.30	7.67	7.46	7.89	-2.04	0.72	1.04	-3.54
W261600074500001	AJMER	Srinagar	RAMSAR2	Dug	1.2	74.83	26.27	395	14.1	8.94	5.91	6.01	6.78	-1.79	0.79	-0.29	-3.38
W274130076212001	ALWAR	Bansur	BANSUR	PZ	1.05	76.36	27.69	366	65.54	22.50	22.29	0.00	23.02	7.32	6.21	0.00	7.19
W273800076200001	ALWAR	Bansur	Holawas	PZ	1	76.33	27.63	383	150	24.50	23.65	0.00	24.90	8.00	7.75	0.00	7.99
W275930076120001	ALWAR	Behror	ANANTPURA	PZ	1	76.2	27.99	337	87	0.00	0.00	0.00	76.16	0.00	0.00	0.00	9.84
W275300076170001	ALWAR	Behror	BEHROR	PZ	1.05	76.28	27.88	322	95.09	0.00	60.53	0.00	62.33	0.00	13.62	0.00	30.62
W275630076183001	ALWAR	Behror	Bhituda	PZ	1	76.31	27.94	311	100.2	62.87	71.91	0.00	68.83	18.33	5.81	0.00	10.97
W275200076240002	ALWAR	Behror	SODAWAS1	PZ	0.67	76.4	27.87	303	36	20.03	23.32	0.00	0.00	11.77	10.71	0.00	0.00
W272500076580001	ALWAR	Kathumar	TIJARA1	PZ	1.03	76.97	27.42	218	132.4	24.99	24.43	25.05	25.25	4.60	4.31	6.02	5.22
W274912076440001	ALWAR	Kishangarh	KISHANGARH BAS1	PZ	0.78	76.73	27.82	308	76.65	31.61	30.78	31.68	31.67	8.81	8.51	3.94	9.64
W280300076410001	ALWAR	Kotkasim	BOLNI	PZ	0	76.68	28.05	258	142.04	22.05	21.38	21.63	22.25	1.73	1.83	1.37	0.83
W275200076370002	ALWAR	Kotkasim	HARSAULI	PZ	1	76.62	27.87	285	86.64	19.59	19.42	20.34	21.28	10.47	8.28	15.06	9.90
W275800076430002	ALWAR	Kotkasim	PUR1	PZ	0.15	76.72	27.97	262	77	16.06	15.53	0.00	16.14	4.21	4.62	0.00	5.53
W272938076592301	ALWAR	Lachhmangarh	Govindgarh-Pz	PZ	1	76.99	27.49	217	50	20.80	22.26	30.73	21.60	2.95	1.36	-6.23	2.87
W271515076504501	ALWAR	Lachhmangarh	JHALADALA	Dug	0.65	76.85	27.25	259	35	32.94	33.21	32.06	32.51	0.18	-0.96	1.40	1.02
W272100076500001	ALWAR	Lachhmangarh	LACHMANGARH	Dug	0.72	76.83	27.35	228	10.98	7.29	6.68	0.00	6.75	2.79	0.70	0.00	1.51
W274800076260001	ALWAR	Mandawar	Alanpur	PZ	1	76.43	27.8	331	93.6	26.06	28.03	0.00	26.50	8.99	4.17	0.00	9.78
W274700076301501	ALWAR	Mandawar	GANGWALI DHANI	PZ	1	76.5	27.78	339	74.08	39.97	39.57	0.00	40.57	11.98	9.63	0.00	11.68
W275600076280001	ALWAR	Mandawar	JOSAI	PZ	1	76.47	27.93	295	99	26.66	26.82	0.00	27.29	10.13	8.28	0.00	9.80
W280345076150001	ALWAR	Neemrana	KANHAWAS	PZ	0.99	76.25	28.06	305	129	0.00	48.12	0.00	0.00	0.00	11.69	0.00	0.00
W275900076230001	ALWAR	Neemrana	Neemrana	PZ	1	76.38	27.98	308	90	0.00	0.00	0.00	51.91	0.00	0.00	0.00	37.09
W271415076240001	ALWAR	Rajgarh	TEHLA	Dug	2.8	76.4	27.24	366	12.9	6.74	6.10	3.70	4.33	2.26	-5.00	-0.40	-0.53
W270705076180001	ALWAR	Rajgarh	TORIKABAS	Dug	0.59	76.3	27.12	349	25	0.00	12.28	12.43	13.89	0.00	1.63	7.08	6.72
W273900076520001	ALWAR	Ramgarh	Nogawa	PZ	1	76.87	27.65	224	150	17.13	0.00	0.00	15.34	5.92	0.00	0.00	10.36
W273500076483502	ALWAR	Ramgarh	RAMGARH PZ	PZ	1	76.81	27.58	236	76.5	18.15	18.16	0.00	19.18	6.70	4.40	0.00	4.07
W273500076483501	ALWAR	Ramgarh	RAMGARH1	Dug	1.33	76.81	27.58	236	19	12.25	13.16	12.38	12.67	4.92	0.11	1.09	1.10

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W271700076430001	ALWAR	Reni	Doroli	Dug	0.1	76.72	27.28	261	55	51.43	49.49	51.46	51.65	-0.33	-2.44	-3.46	-3.85
W271230076473001	ALWAR	Reni	GADI SWAIRAM	Dug	0.45	76.79	27.21	269	32.25	22.12	20.31	17.59	18.29	1.28	-5.86	-0.94	-1.38
W271330076153001	ALWAR	Thanagazi	GHATA MORDI	Dug	0.62	76.26	27.23	437	19	12.73	9.85	12.68	0.00	2.45	-4.07	-5.40	0.00
W272955076190001	ALWAR	Thanagazi	Majri Khurd	PZ	1	76.32	27.5	388	84.6	26.29	26.35	0.00	26.12	1.18	1.22	0.00	1.60
W275000076560001	ALWAR	Tijara	NIMLI	Dug	0.35	76.93	27.83	304	20	8.96	9.14	10.64	9.58	6.69	0.76	2.11	7.77
W280636076500601	ALWAR	Tijara	TAPUKARA	PZ	1.14	76.84	28.11	282	158.42	21.70	21.68	0.00	0.00	3.84	7.09	0.00	0.00
W272630076313001	ALWAR	Umrain	Baran1	Dug	0.65	76.53	27.44	277	17.15	13.36	12.89	12.39	12.45	-0.91	-3.69	1.31	0.54
W274200076362001	ALWAR	Umrain	DALALPUR	PZ	1	76.61	27.7	301	51	30.58	30.05	0.00	32.48	15.22	15.15	0.00	14.52
W232600074040002	BANSWARA	Anandpuri	Chhajwa	PZ	1	74.07	23.43	134	150	12.53	2.59	7.23	9.26	2.77	-1.48	-6.28	-8.32
W232415074160001	BANSWARA	Bagidora	Bagidora	Dug	0.67	74.27	23.4	213	17.68	6.11	1.76	2.17	4.70	9.32	-0.99	-2.02	-4.64
W232516074173101	BANSWARA	Bagidora	Bansla	PZ	1	74.29	23.42	199	142	6.10	5.03	5.40	5.72	2.20	-2.92	-2.88	-3.48
W232500074230001	BANSWARA	Bagidora	BARODIA	Dug	0.6	74.38	23.42	226	11.15	4.59	1.68	2.26	2.91	0.06	-0.83	-0.84	-1.42
W232232074164501	BANSWARA	Bagidora	RAKHO	Dug	0.81	74.28	23.38	222	13.63	5.02	1.18	2.06	2.97	0.37	-0.43	-0.55	-1.58
W233100074400001	BANSWARA	Chhoti Sarwan	Chhoti Sarwan	PZ	1	74.67	23.52	340	150	10.47	0.00	3.78	8.95	-2.07	0.00	1.42	-3.95
W233327074360401	BANSWARA	Chhoti Sarwan	Danakhari	Dug	1	74.6	23.56	289	10	5.95	2.09	2.03	5.06	1.78	-0.53	-0.49	-3.35
W233200074380001	BANSWARA	Chhoti Sarwan	Kutumbi	PZ	1	74.63	23.53	348	150	0.00	1.15	3.44	7.22	0.00	-0.65	-2.92	-6.82
W233301074410901	BANSWARA	Chhoti Sarwan	Wagtalav	Dug	1	74.69	23.55	346	10	7.20	2.99	3.04	4.40	0.90	-2.49	-2.68	-3.88
W232945074060001	BANSWARA	Garhi	ARTHUNA	Dug	1.2	74.1	23.5	154	12.64	7.24	2.92	4.23	4.53	3.42	-2.37	-4.03	-4.23
W233000074060001	BANSWARA	Garhi	Arthuna1	PZ	1	74.1	23.5	154	150	8.45	2.82	5.26	5.06	4.05	-1.58	-3.84	-4.06
W233430074070001	BANSWARA	Garhi	Borigoan	PZ	1	74.12	23.58	150	150	6.57	2.85	4.27	3.32	4.53	-0.70	-1.64	-0.68
W233524074103001	BANSWARA	Garhi	GARHI PARTAPURA	Dug	0.5	74.18	23.59	152	17.15	15.09	7.95	9.93	7.35	0.91	-6.53	-8.33	-5.70
W232800074043001	BANSWARA	Garhi	Kotra1	PZ	1	74.08	23.47	162	150	12.02	4.36	6.50	8.32	-0.62	-3.23	-5.28	-7.70
W233100074100001	BANSWARA	Garhi	Odwara	PZ	1	74.17	23.52	187	150	0.00	0.00	5.23	5.17	0.00	0.00	-4.23	-3.67
W233405074162101	BANSWARA	Garhi	WAJWANA	Dug	0.57	74.27	23.57	212	150	8.53	2.95	4.16	5.63	1.87	-1.70	-2.82	-3.23
W233700074170001	BANSWARA	Garhi	Wajwana	PZ	1	74.28	23.62	167	150	8.53	2.95	4.16	5.63	1.87	-1.70	-2.82	-3.23
W234100074310001	BANSWARA	Ghatol	BHUNGRA	Dug	0.55	74.52	23.68	234	10.81	7.13	4.83	5.21	5.49	2.12	-2.22	-2.56	-1.94
W234000074201502	BANSWARA	Ghatol	Chand Ji Ka Guda	PZ	1	74.34	23.67	170	150	0.00	0.77	1.32	1.71	0.00	-0.12	-0.76	0.10
W234000074201501	BANSWARA	Ghatol	CHANDUJIKAGUDA	Dug	0.61	74.34	23.67	170	3.9	2.29	1.04	1.91	1.39	0.50	-1.01	-0.62	-0.09
W235150074273001	BANSWARA	Ghatol	DUNGARIA	Dug	1.5	74.46	23.86	195	17	8.55	3.82	5.60	5.00	6.25	-3.32	-5.28	-3.29
W234600074151001	BANSWARA	Ghatol	GANORA	Dug	1.56	74.25	23.77	170	9.74	3.71	0.64	1.41	0.90	1.03	0.65	0.04	0.74
W235340074263501	BANSWARA	Ghatol	NARWALI	Dug	0.65	74.44	23.89	184	6	6.00	0.00	2.41	2.37	-0.65	0.00	-0.33	-0.34
W235340074263502	BANSWARA	Ghatol	Rathor Ki Phadoli	Dug	1	74.44	23.89	184	9.5	0.00	2.55	4.44	3.34	0.00	-1.65	-3.32	-3.12
W234700074280002	BANSWARA	Ghatol	Sadri	Dug	0.85	74.47	23.78	239	10	5.21	0.66	2.11	3.22	0.75	-0.25	-1.45	-2.81
W233922074232301	BANSWARA	Ghatol	SENWASA	Dug	0.73	74.39	23.66	195	11.9	7.11	5.11	6.56	7.54	-3.59	-4.02	-4.77	-6.17
W231846074224701	BANSWARA	Kushalgarh	Charakni	Dug	1	74.38	23.31	241	8.2	0.00	2.37	3.38	5.55	0.00	-1.62	-2.85	-5.31
W231200074270002	BANSWARA	Kushalgarh	KUSALGARH	PZ	1.23	74.45	23.2	297	150	6.91	2.39	4.14	4.91	2.19	-0.94	-2.58	-3.47
W231200074280001	BANSWARA	Kushalgarh	Kusalgarh	PZ	1	74.47	23.2	300	150	6.91	2.39	4.14	4.91	2.19	-0.94	-2.58	-3.47
W230900074353001	BANSWARA	Kushalgarh	Mokampura1	PZ	1	74.59	23.15	403	150	5.94	1.50	4.02	4.47	-1.64	-1.01	-3.20	-4.27
W234234074363101	BANSWARA	Peepalkhoont	Saran	Dug	1	74.61	23.71	291	6.3	4.85	1.39	2.15	2.58	0.25	-0.96	-1.59	-1.58
W231330074180001	BANSWARA	Sajjangarh	Bhura Kua	Dug	0	74.3	23.23	250	10.5	6.36	1.92	3.00	3.64	0.78	-0.77	-1.28	-2.24
W231937074214201	BANSWARA	Sajjangarh	Bilari	Dug	1	74.36	23.33	241	9.8	6.75	1.15	1.10	2.00	0.98	-0.15	0.36	-0.26
W231800074190001	BANSWARA	Sajjangarh	Chichi	PZ	1	74.32	23.3	238	150	2.35	0.00	0.00	0.00	-0.75	0.00	0.00	0.00
W231020074172501	BANSWARA	Sajjangarh	CHOTA DUNGRA	Dug	0.07	74.29	23.17	258	9.8	7.04	3.22	3.64	4.73	0.99	-0.86	-1.15	-3.38
W233200074270001	BANSWARA	Talwara	Banswara1	Dug	0.9	74.45	23.53	242	10	7.58	4.83	5.95	5.95	0.29	-2.95	-3.84	-4.34
W233033074230401	BANSWARA	Talwara	Borwat	PZ	1	74.38	23.51	197	40	4.85	2.84	3.75	2.88	0.31	-2.41	-2.92	-2.01
W233033074223901	BANSWARA	Talwara	Chiriwasa	Dug	1	74.38	23.51	197	11.5	7.30	2.28	2.43	2.10	2.36	-1.03	-0.80	-0.70
W233700074303001	BANSWARA	Talwara	Khera Dahar	Dug	0	74.51	23.62	249	11	9.12	2.41	3.92	5.44	-0.82	-0.41	-1.42	-3.24
W232900074220001	BANSWARA	Talwara	Sera Pada Sandoh	PZ	0	74.37	23.48	197	150	3.40	0.00	0.00	2.80	1.20	0.00	0.00	0.20
W232630074220801	BANSWARA	Talwara	Surwania	PZ	1	74.37	23.44	224	129	4.85	3.08	2.95	4.45	1.08	-1.97	-1.65	-2.89
W233400074190001	BANSWARA	Talwara	TALWARA1	PZ	1	74.32	23.57	196	150	2.51	0.45	1.55	1.15	-0.41	-0.15	-1.05	-1.15
W250930076180001	BARAN	Anta	ANTA1	Dug	0.44	76.3	25.16	249	8	5.41	2.53	4.27	4.26	1.60	0.94	-0.46	-0.70
W251930076304501	BARAN	Anta	MANGROL	Dug	0.57	76.51	25.33	238	8.81	6.04	3.34	4.23	4.47	-0.50	0.19	-0.25	-0.93
W251820076194501	BARAN	Anta	URPURI	Dug	0.65	76.33	25.31	240	6.87	5.42	2.38	3.20	4.70	-0.02	-0.43	-1.15	-2.97
W245315076394001	BARAN	Atru	ATRU1	Dug	0.81	76.66	24.89	284	11.12	8.46	0.62	3.71	4.83	-3.06	-0.48	1.38	-0.34

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W244530076443001	BARAN	Atru	KANWAI	Dug	0.41	76.74	24.76	310	9	0.00	2.20	6.48	0.00	0.00	-0.41	0.21	0.00
W245930076283001	BARAN	Baran	BAMLA	Dug	0.9	76.48	24.99	276	10.87	5.85	4.17	4.65	5.94	0.36	-3.97	0.15	0.09
W250600076310001	BARAN	Baran	Baran2	Dug	1	76.52	25.1	259	150	17.41	2.90	0.00	6.81	-7.41	-1.30	0.00	-2.11
W251430076301501	BARAN	Baran	BOTH	Dug	0.68	76.5	25.24	241	11	0.00	6.92	6.39	8.29	0.00	-3.50	3.03	-0.55
W243948076503701	BARAN	Chhabra	CHABRA	Dug	0.78	76.84	24.66	330	15.93	0.00	9.02	10.96	12.76	0.00	1.60	-0.44	1.06
W243728076420701	BARAN	Chhipabarod	CHHIPA BAROD1	Dug	0.92	76.7	24.62	334	15	10.29	5.67	9.34	10.00	-0.80	-4.29	0.14	0.08
W242610076420001	BARAN	Chhipabarod	HARNAUDA	Dug	0.58	76.7	24.44	330	11	7.74	3.00	5.45	7.35	1.63	0.52	-0.93	-1.49
W242900076360001	BARAN	Chhipabarod	SARTHAL	Dug	0.3	76.6	24.48	311	8	4.66	1.42	2.92	3.66	0.15	0.38	-0.42	1.43
W250500076420001	BARAN	Kishanganj	Banthoni	Dug	1	76.7	25.08	276	150	5.55	4.73	0.00	4.91	2.85	-3.83	0.00	0.18
W250529076473701	BARAN	Kishanganj	BHANWARGARH	Dug	0.76	76.79	25.09	321	13.7	3.77	0.63	2.32	1.74	-0.88	-0.44	-1.28	0.83
W250630076380001	BARAN	Kishanganj	KISHANGANJ1	Dug	0.89	76.63	25.11	257	14.5	8.67	6.12	5.95	9.21	2.49	-4.81	0.86	1.60
W251230077213001	BARAN	Shahabad	Kasba Thana	Dug	0.3	77.36	25.21	392	10.9	7.04	3.80	5.15	5.80	0.60	-3.00	-2.70	-0.69
W250800076540001	BARAN	Shahabad	KELWARA1	Dug	0.8	76.9	25.13	363	5	3.18	0.64	2.41	3.19	-0.07	0.36	0.69	0.12
W251116077062001	BARAN	Shahabad	MAMONI	Dug	0.5	77.11	25.19	475	11	0.00	3.59	5.20	6.85	0.00	-1.82	-2.48	-2.14
W251548077154801	BARAN	Shahabad	PAJAL TORI	Dug	0.5	77.26	25.26	315	13.2	9.99	2.78	4.83	6.77	-0.51	-1.38	-2.23	-1.51
W251500077080001	BARAN	Shahabad	SHAHABAD1	Dug	1.07	77.13	25.25	470	7.3	5.49	2.49	3.55	4.73	-0.48	-1.86	-1.77	-0.91
W255937071285301	BARMER	Baetu	Bagasar	PZ	1	71.48	25.99	208	112	70.60	71.90	74.25	0.00	1.35	-0.20	-2.15	0.00
W255535071451501	BARMER	Baetu	BAITU1	Dug	1.38	71.75	25.93	156	41.52	37.04	36.85	34.67	36.76	-4.22	-4.53	-2.15	-4.20
W260430071373001	BARMER	Baetu	BATARU	Dug	1.58	71.63	26.08	186	26.62	0.00	0.00	0.00	22.88	0.00	0.00	0.00	-1.46
W255300071210001	BARMER	Baetu	Bhadka1	PZ	1.1	71.35	25.88	193	156	84.00	84.04	84.25	84.75	0.35	0.16	-0.25	-0.53
W255629071351701	BARMER	Baetu	Chitar Ka Par	PZ	1	71.59	25.94	148	145	29.70	37.60	35.90	30.40	7.20	-6.30	-0.90	5.69
W260939071343001	BARMER	Baetu	Jhak Pz	PZ	1	71.58	26.16	228	120	52.80	0.00	0.00	55.70	1.80	0.00	0.00	-0.86
W254730071360001	BARMER	Baetu	MATASAR	Dug	1.1	71.6	25.79	153	48.9	35.47	34.34	34.81	34.77	-1.17	0.16	-1.11	-0.73
W260145071464501	BARMER	Baetu	PANAVADA	Dug	1.49	71.78	26.03	167	38.12	29.37	28.51	29.27	29.01	-0.36	0.50	-0.16	-0.10
W261200071493001	BARMER	Baetu	SAUPADAMSINGH	Dug	1.49	71.83	26.2	213	32.06	23.35	22.54	22.18	21.97	-2.24	-1.33	-1.31	-0.97
W260400072400001	BARMER	Balotra	DOLI	Dug	0.5	72.67	26.07	157	32	19.34	20.18	15.99	0.00	-13.44	-16.48	-11.69	0.00
W260200072350001	BARMER	Balotra	KALYANPURA	Dug	1.95	72.58	26.03	146	28.05	0.00	0.00	0.00	21.21	0.00	0.00	0.00	-0.11
W255630072220701	BARMER	Balotra	KURI2	Dug	1.33	72.37	25.94	123	14.3	9.60	8.31	8.84	9.00	-1.43	2.06	1.63	1.67
W260300072213001	BARMER	Balotra	THOB	Dug	1.26	72.36	26.05	157	28.04	18.05	13.68	15.43	16.15	5.59	-1.84	-3.74	-3.21
W254430070573001	BARMER	Barmer	BACHHBAR	Dug	1.7	70.96	25.74	201	27	19.65	19.96	20.83	19.32	2.45	1.84	-0.16	1.83
W254410071235001	BARMER	Barmer	BARMER1	Dug	2.25	71.4	25.74	187	40	26.33	25.82	27.30	24.21	-11.48	-11.47	-13.00	-10.15
W255430071143001	BARMER	Barmer	BISALA	Dug	1.35	71.24	25.91	228	20	15.67	15.25	15.18	14.86	-1.32	0.90	-0.98	-0.56
W253428071235501	BARMER	Barmer	HATHITALA	Dug	0.8	71.4	25.57	139	54.17	50.12	47.10	50.30	50.13	0.18	3.80	0.45	0.32
W254300071152001	BARMER	Barmer	JASAI	Dug	1.41	71.26	25.72	232	25	15.60	13.72	0.00	15.43	1.79	7.87	0.00	5.28
W254300071070001	BARMER	Barmer	KHARIN	Dug	0.8	71.12	25.72	233	50	43.44	44.17	42.79	42.70	0.86	-3.27	3.31	2.70
W255900071070001	BARMER	Barmer	NAND	Dug	1.6	71.12	25.98	247	23.86	8.99	5.02	6.19	7.14	7.61	8.88	7.01	8.76
W253630071170001	BARMER	Barmer	NIMRI (RADEWA)	Dug	1.87	71.28	25.61	190	35.2	8.93	7.99	7.69	8.28	2.15	1.54	1.94	1.86
W254040071132501	BARMER	Barmer	PATRASAR	Dug	1.55	71.22	25.68	239	18.45	10.21	9.43	9.01	9.82	2.74	3.62	2.61	2.53
W252900071240001	BARMER	Barmer	SANAWARA	Dug	1.69	71.4	25.48	123	51.31	44.35	44.07	44.07	44.07	0.36	-0.36	0.73	0.74
W253545071140001	BARMER	Barmer	SANLOR	Dug	1.7	71.23	25.6	198	32	26.06	26.30	25.72	28.39	1.54	-0.20	2.68	-0.29
W254215071244501	BARMER	Barmer	SASION-KA-KUA	Dug	1.55	71.41	25.7	181	74.64	21.41	21.49	19.54	19.82	1.14	0.56	3.51	3.59
W254630071050001	BARMER	Barmer	SIHANI	Dug	1.05	71.08	25.78	280	25.41	18.64	12.56	14.57	15.74	2.36	-4.31	-8.62	-7.06
W244510071070001	BARMER	Chauhtan	BHAKASAR	Dug	0.51	71.12	24.75	21	9	0.00	0.00	0.00	4.75	0.00	0.00	0.00	3.74
W252830071040001	BARMER	Chohtan	Chohtan	PZ	1	71.07	25.48	172	250	49.95	0.00	0.00	0.00	-2.20	0.00	0.00	0.00
W244930071093002	BARMER	Chohtan	Sata1	PZ	1	71.16	24.83	31	250	7.94	5.21	5.29	4.99	-1.44	1.39	1.23	1.61
W250400071050001	BARMER	Chohtan	Sedwa	PZ	0.4	71.08	25.07	108	250	52.91	0.00	0.00	0.00	3.29	0.00	0.00	0.00
W245520071090001	BARMER	Chohtan	SIHANIYA	PZ	0.4	71.15	24.92	52	250	28.49	27.78	27.86	26.72	2.21	2.17	2.47	3.33
W252015070515501	BARMER	Chohtan	SIYAGA TALA	Dug	1.56	70.87	25.34	166	71.44	66.63	64.69	65.95	65.60	-1.89	-1.25	-2.51	1.79
W245300071130001	BARMER	Chohtan	TARLA	Dug	0.5	71.22	24.88	43	6.98	4.57	4.16	4.09	4.34	-0.12	0.34	0.46	0.21
W251422071280002	BARMER	Dhorimanna	Dhanau2	PZ	0.65	71.47	25.24	72	250	55.08	55.34	54.33	55.35	-0.18	1.71	2.83	1.78
W250930071271501	BARMER	Dhorimanna	KATERIA	PZ	0.47	71.45	25.16	74	250	15.14	14.93	14.90	15.57	0.28	-2.41	0.52	-0.10
W250720071352001	BARMER	Dhorimanna	PIPARLI GAON	PZ	1	71.59	25.12	50	58	8.89	7.77	7.74	9.04	-1.89	-0.47	-0.34	-1.73
W250409071305801	BARMER	Dhorimanna	Rewali	PZ	1	71.52	25.07	37	130	91.10	92.80	92.25	92.80	1.10	0.40	0.35	-0.01
W255455070523001	BARMER	Sheo	BALEWA	Dug	2.1	70.88	25.92	216	33.7	19.90	18.77	19.05	19.08	-0.20	6.83	-0.30	-0.12

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W261630071182001	BARMER	Sheo	BISUKALAN	Dug	0	71.31	26.28	240	37.3	33.97	33.60	34.33	34.29	0.41	0.40	-0.08	0.31
W255505070093001	BARMER	Sheo	DERASAR	Dug	1.6	70.16	25.92	72	23.55	11.38	8.21	10.21	9.16	3.62	4.99	2.32	14.54
W254425070382001	BARMER	Sheo	GADRA ROAD	Dug	1.45	70.64	25.74	149	107.34	87.10	92.70	96.74	96.39	12.05	6.65	2.01	4.16
W262018071332001	BARMER	Sheo	GUJRO KA BERA	PZ	1	71.56	26.34	242	213	75.08	74.35	75.87	75.96	7.87	8.65	8.98	13.05
W260400070590001	BARMER	Sheo	JAWANSINGHKIBER	Dug	1.78	70.98	26.07	254	16.22	7.13	5.80	6.03	5.62	-0.11	0.98	0.09	0.90
W261535071362001	BARMER	Sheo	KASHMIR	PZ	0.51	71.61	26.26	235	250	52.68	51.61	52.68	52.89	5.51	6.28	6.01	6.08
W260542071012201	BARMER	Sheo	MUNGERIA	Dug	1.38	71.02	26.1	272	29.62	12.77	9.54	11.50	11.25	2.80	5.95	2.22	8.37
W254610070191501	BARMER	Sheo	NAPAT	Dug	0	70.32	25.77	82	80.75	76.08	76.54	75.77	75.66	-3.95	-3.67	-3.52	-3.26
W255930070100001	BARMER	Sheo	PANCHLA	Dug	1.5	70.17	25.99	65	53.45	42.72	42.79	42.82	42.36	-3.55	-3.59	-2.82	-2.26
W255045070562001	BARMER	Sheo	REDANA	Dug	1.58	70.94	25.85	221	26.55	19.04	14.31	13.76	13.56	-1.72	1.21	-0.94	0.61
W261135071143501	BARMER	Sheo	SHEONA	Dug	1.35	71.24	26.19	232	9.93	5.99	5.23	4.30	4.83	1.36	2.02	-0.95	-1.43
W252800072004501	BARMER	Sindhari	ARNIYALI	PZ	0.75	72.01	25.47	90	64	26.28	27.18	0.00	0.00	4.07	3.07	0.00	0.00
W254445071394601	BARMER	Sindhari	CHAWA	Dug	0.87	71.66	25.75	139	51	39.90	40.66	41.49	42.41	0.83	-0.03	-1.56	-1.76
W254350071371501	BARMER	Sindhari	RAWATSAR1	PZ	1	71.62	25.73	148	144.4	66.33	63.81	66.11	66.27	-2.88	-0.41	-2.46	3.87
W253400071540001	BARMER	Sindhari	SINDARI	PZ	1	71.9	25.57	88	50	15.82	15.63	15.55	15.72	-0.77	-0.43	-0.48	-0.55
W254400072310001	BARMER	Siwana	DEVRA	Dug	1.3	72.52	25.73	151	33.7	28.60	27.76	26.07	28.52	-1.00	-3.06	-1.07	-3.52
W254650072351501	BARMER	Siwana	KARMAWAS	PZ	0	72.59	25.78	139	58	7.55	0.00	0.00	0.00	0.80	0.00	0.00	0.00
W265420077224001	BHARATPUR	Bayana	BANDH BARETA	Dug	0.15	77.38	26.91	201	5.15	3.50	3.37	2.97	3.18	-0.32	-0.62	0.98	-0.66
W265750077213501	BHARATPUR	Bayana	BAWARI BARODA	Dug	0.9	77.36	26.96	192	10	6.87	6.22	6.27	6.63	1.58	-2.32	-1.02	-1.81
W265805077150601	BHARATPUR	Bayana	BHAGORI	Dug	0.36	77.25	26.97	203	19.44	14.99	9.91	11.62	12.81	2.45	0.24	2.42	-2.77
W265800077180001	BHARATPUR	Bayana	Bhimaagar	PZ	1	77.3	26.97	193	41.2	22.51	19.44	15.87	22.11	2.00	-3.19	6.94	-1.35
W270030077230001	BHARATPUR	Bayana	BIRAITHA	Dug	0.27	77.38	27.01	190	5.43	8.23	0.00	0.00	0.00	-3.20	0.00	0.00	0.00
W265700077230001	BHARATPUR	Bayana	Kheria Mod	Dug	0.4	77.38	26.95	194	11.2	4.14	4.50	4.34	5.70	3.35	1.20	5.36	-0.40
W264815077255001	BHARATPUR	Bayana	KOT1	Dug	1.45	77.43	26.8	216	12.5	8.55	5.99	5.37	6.75	0.70	-3.64	0.28	-0.34
W273000077190001	BHARATPUR	Deeg	Deeg	PZ	1	77.32	27.5	181	129.2	2.89	1.99	0.00	2.88	1.21	-1.34	0.00	-1.58
W272800077200001	BHARATPUR	Deeg	DEEG1	Dug	1.14	77.33	27.47	185	14	0.00	0.00	0.00	7.43	0.00	0.00	0.00	0.43
W272342077210901	BHARATPUR	Deeg	MANDHERA	Dug	0.29	77.35	27.4	181	14.63	8.58	8.05	0.00	8.54	5.56	2.76	0.00	2.67
W272642077150001	BHARATPUR	Deeg	PANHORI	Dug	0.64	77.25	27.45	187	11.2	8.70	7.14	7.00	8.90	1.76	1.92	3.46	1.14
W273300077180002	BHARATPUR	Deeg	Pasta	PZ	1	77.3	27.55	186	152	4.37	4.34	4.78	5.20	1.09	-0.64	2.02	-0.05
W273300077180001	BHARATPUR	Deeg	SIHORA	Dug	0.75	77.3	27.55	186	15	7.10	6.66	6.71	7.18	3.75	3.59	6.34	3.02
W273800077170001	BHARATPUR	Kama	Indroli	Dug	0.7	77.28	27.63	185	14.3	8.30	8.19	0.00	0.00	4.03	-2.39	0.00	0.00
W274656077133601	BHARATPUR	Kama	JURAHRA	Dug	0.78	77.23	27.78	188	15.5	6.86	6.27	6.46	7.42	3.81	1.65	1.06	0.15
W271900077230005	BHARATPUR	Kumher	KUMHER	Dug	1	77.38	27.32	182	9.32	3.78	3.07	2.85	3.02	2.20	0.63	-0.75	1.38
W272000077330001	BHARATPUR	Kumher	RARAH PZI	PZ	1.05	77.55	27.33	175	146.42	19.27	19.64	20.24	27.35	-0.87	-9.73	-6.59	-16.95
W272000077330002	BHARATPUR	Kumher	RARAH PZII	PZ	0.95	77.55	27.33	175	50	13.25	10.76	11.07	11.45	-2.83	1.47	4.78	2.34
W271330077053001	BHARATPUR	Nadbai	BAONLI CHAN	PZ	1	77.09	27.23	213	100	25.31	25.82	24.77	26.99	6.85	2.33	6.38	4.16
W271000077160001	BHARATPUR	Nadbai	LULHARA	Dug	1.11	77.27	27.17	197	20	13.23	11.50	13.23	12.65	3.76	3.69	5.46	6.09
W271230077124501	BHARATPUR	Nadbai	NADBAI	PZ	1.08	77.21	27.21	203	90.62	15.02	14.06	14.68	14.67	3.86	2.82	5.54	5.55
W273917077034801	BHARATPUR	Nagar Pahari	Gopalgarh	Dug	1.1	77.06	27.65	198	12.3	7.39	7.98	9.15	9.55	3.42	-0.58	-0.15	-0.55
W273200077073001	BHARATPUR	Nagar Pahari	GULPURA	Dug	0.9	77.13	27.53	201	15	8.46	8.15	8.47	8.94	3.34	3.35	4.73	2.51
W273130077043001	BHARATPUR	Nagar Pahari	JAISARI	PZ	1	77.08	27.53	206	121.65	7.25	7.18	0.00	7.80	2.85	1.67	0.00	3.33
W274200077050001	BHARATPUR	Nagar Pahari	PAHARI	Dug	0.12	77.08	27.7	190	8.76	5.65	4.01	4.38	4.72	1.33	2.09	0.10	-1.04
W265945077293002	BHARATPUR	Roopwas	DAHINAGAON	Dug	0.82	77.49	27	181	17	0.00	8.99	0.00	0.00	0.00	1.69	0.00	0.00
W265830077381501	BHARATPUR	Roopwas	KHAN SURJAPUR	Dug	1.1	77.64	26.98	172	16.88	8.29	5.94	4.98	6.41	-0.51	-2.19	3.72	-1.06
W270200077330001	BHARATPUR	Roopwas	KHANUA	Dug	0.53	77.55	27.03	181	13	7.60	6.44	6.76	6.77	1.62	1.74	4.91	1.20
W265900077340001	BHARATPUR	Roopwas	Roopwas1	PZ	1	77.57	26.98	175	150	2.00	0.66	0.72	0.96	0.10	-0.06	1.38	-0.60
W265945077293001	BHARATPUR	Roopwas	SALABAD	Dug	1.05	77.49	27	181	15	0.00	7.51	7.01	7.94	0.00	0.74	6.34	0.51
W271300077300001	BHARATPUR	Sewar	Bharatpur1	Dug	0.76	77.5	27.22	179	8.39	0.00	3.24	2.49	3.16	0.00	-0.30	2.06	-2.19
W271100077400002	BHARATPUR	Sewar	CHIKSANA	Dug	0.26	77.67	27.18	179	18.45	0.00	0.00	0.00	11.46	0.00	0.00	0.00	6.71
W270700077040002	BHARATPUR	Weir	Chokarwada	PZ	1	77.07	27.12	216	91	44.08	42.20	44.92	48.95	7.57	6.96	7.18	3.15
W270750077090001	BHARATPUR	Weir	HALENA	PZ	1	77.15	27.13	207	50	29.39	27.62	0.00	37.94	10.44	9.98	0.00	10.46
W270200077080001	BHARATPUR	Weir	Jagjevanpura	PZ	1	77.13	27.03	228	100	0.00	12.17	11.72	12.34	0.00	-3.47	0.38	-4.23
W270050077103001	BHARATPUR	Weir	WEIR1	PZ	1.13	77.18	27.01	217	92.2	0.00	20.04	21.21	22.07	0.00	-1.77	1.36	0.50
W255000074170001	BHILWARA	Asind	BADNOR	Dug	1.02	74.28	25.83	495	15	11.05	5.51	7.96	5.25	-7.04	-1.53	-4.88	0.88

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W254530074280001	BHILWARA	Asind	BARASNI	Dug	1.32	74.47	25.76	437	23.68	15.14	10.88	10.08	10.91	1.54	5.65	5.30	3.67
W253800074164501	BHILWARA	Asind	Daulatgarh	Dug	0.2	74.28	25.63	529	29.8	11.10	3.10	4.15	8.78	-2.00	0.90	3.62	-5.78
W253551074184801	BHILWARA	Asind	TILOLI	Dug	1.15	74.31	25.6	498	15.48	6.67	2.10	2.86	6.24	5.90	8.75	4.79	-4.09
W252915074420001	BHILWARA	Banera	BANERAMATAJI	Dug	0.7	74.7	25.49	423	19	16.12	13.14	14.32	14.94	1.38	3.32	1.55	-0.14
W253800074360001	BHILWARA	Banera	RAILA ROAD	Dug	0.85	74.6	25.63	431	26	15.57	9.88	9.46	9.42	-0.37	5.27	4.00	-1.87
W255200074330001	BHILWARA	Hurda	GAGEDA	Dug	0.51	74.55	25.87	416	14.9	0.00	6.77	7.49	8.64	0.00	-0.71	-2.49	-0.05
W255400074410001	BHILWARA	Hurda	GULABPURA	Dug	0.89	74.68	25.9	397	19	14.23	7.55	9.35	10.92	-6.90	-0.59	-3.92	2.39
W254315075211501	BHILWARA	Jahazpur	AMARWASI	Dug	0.31	75.35	25.72	331	6.99	4.67	2.39	2.99	3.23	-0.70	1.42	0.92	-2.24
W254100075200001	BHILWARA	Jahazpur	BORANI	Dug	0.41	75.33	25.68	345	20	13.32	9.10	9.35	11.42	3.47	9.75	7.59	5.07
W253820075065501	BHILWARA	Jahazpur	GULABPURA1	Dug	0.4	75.12	25.64	346	11.2	11.84	9.08	9.88	12.24	-4.02	-1.36	-4.96	-5.04
W253715075163001	BHILWARA	Jahazpur	JAHAPUR	Dug	0.5	75.28	25.62	335	14.75	11.30	8.20	7.65	8.33	-7.00	-4.05	-4.18	-4.73
W252350074533001	BHILWARA	Kotri	KOTARI	Dug	1.13	74.89	25.4	379	17.63	10.70	7.19	7.82	8.64	-0.83	1.93	-0.62	-2.07
W252400074530001	BHILWARA	Kotri	Kotri2	PZ	1	74.88	25.4	381	150	0.00	0.00	0.00	11.54	0.00	0.00	0.00	-3.14
W253104075053001	BHILWARA	Kotri	PAROLI	Dug	0.3	75.09	25.52	341	10.4	5.24	2.73	2.98	3.82	-2.04	0.09	-0.27	-1.82
W251825074520001	BHILWARA	Kotri	SAWAIPUR	Dug	1	74.87	25.31	387	28.99	16.96	10.70	11.99	13.30	-3.11	2.19	-0.04	-3.95
W253140074180301	BHILWARA	Mandal	Dahimatha	Dug	0.16	74.3	25.53	493	25	23.97	20.25	23.54	23.66	0.23	3.76	-0.34	-6.41
W253056074332801	BHILWARA	Mandal	JIWANLIYAN	Dug	0.7	74.56	25.52	458	17	0.00	8.63	8.26	8.77	0.00	-6.28	-5.62	-0.27
W253100074160001	BHILWARA	Mandal	Karera	PZ	1	74.27	25.52	506	150	20.27	15.62	16.88	17.58	-0.17	4.75	2.47	2.57
W251440075023001	BHILWARA	Mandalgarh	BIGOD	Dug	0.7	75.04	25.24	358	10.9	10.19	3.27	4.01	4.10	-6.02	0.59	-0.39	-0.80
W251012075192201	BHILWARA	Mandalgarh	BIJOLIA	Dug	0.47	75.32	25.17	528	15.38	8.80	4.14	5.08	7.64	-0.15	4.40	1.80	-3.61
W250915075071701	BHILWARA	Mandalgarh	Ladpura	Dug	0.21	75.12	25.15	397	20	4.34	0.00	5.01	4.63	0.64	0.00	-0.51	0.67
W251700075053801	BHILWARA	Mandalgarh	MANDALGARH1	Dug	0.5	75.09	25.28	351	25	0.00	0.00	4.73	18.24	0.00	0.00	17.99	-10.24
W250650075154001	BHILWARA	Mandalgarh	SALAWATIA	Dug	0.5	75.26	25.11	530	31	22.76	10.50	16.38	19.75	-1.08	11.00	4.22	-3.75
W251700074093001	BHILWARA	Raipur	DEVARIA	Dug	1.4	74.16	25.28	525	33.6	16.42	12.06	13.84	13.67	10.56	14.63	10.11	-6.27
W252715074111501	BHILWARA	Raipur	NANGPURA	Dug	0.42	74.19	25.45	529	32	18.28	17.13	16.08	18.42	11.10	10.75	11.60	1.86
W252226074063001	BHILWARA	Raipur	PITAKHERA	Dug	1	74.11	25.37	544	24.3	13.40	7.77	8.04	9.93	2.95	7.38	5.45	3.77
W252413074094001	BHILWARA	Raipur	Raipur	Dug	1	74.16	25.4	533	26.5	0.00	0.00	0.00	12.53	0.00	0.00	0.00	-6.53
W251300074153501	BHILWARA	Sahada	GANGAPUR1	Dug	0.42	74.26	25.22	506	25.53	20.07	12.00	12.63	13.89	-1.43	6.67	4.68	-8.41
W251015074180001	BHILWARA	Sahada	LAKOLA	Dug	0.5	74.3	25.17	489	18	0.00	0.00	7.28	8.72	0.00	0.00	3.55	-6.22
W254520074542001	BHILWARA	Shahpura	KANCHAN-KALA	Dug	1	74.91	25.76	369	10.5	4.96	2.56	3.58	4.51	2.77	3.58	0.57	-0.71
W253615074540001	BHILWARA	Shahpura	SOPURA	Dug	0.12	74.9	25.6	374	13.62	7.59	4.31	7.17	7.23	2.68	5.60	1.18	1.10
W253340074480001	BHILWARA	Shahpura	Taswaria Khurd	Dug	0.25	74.8	25.56	389	16.85	13.84	8.37	10.31	13.17	0.71	5.28	1.54	-2.72
W251050074345001	BHILWARA	Suwana	HAMIRGARH	Dug	0.81	74.58	25.18	421	20	0.00	0.00	10.78	13.84	0.00	0.00	-4.38	-11.75
W252230074463001	BHILWARA	Suwana	KODUKOTA	Dug	0.35	74.78	25.38	406	19	13.54	6.14	9.24	11.17	-5.54	1.66	-3.00	-7.17
W251610074381501	BHILWARA	Suwana	MANDAPIA RS	Dug	0.1	74.64	25.27	410	13.8	0.00	0.00	8.20	8.60	0.00	0.00	0.01	-1.90
W252100074420001	BHILWARA	Suwana	SUWANA1	Dug	0	74.7	25.35	407	22	13.69	4.42	7.33	9.02	1.03	9.54	6.27	8.18
W284010072450001	BIKANER	Bikaner	6 PB	PZ	1	72.75	28.67	136	164.5	18.87	18.35	18.38	18.05	-1.57	-1.12	-1.09	-0.70
W281515072511001	BIKANER	Bikaner	AMARPURA	Dug	0.33	72.85	28.25	165	41.17	17.45	17.28	16.77	17.07	-2.63	-2.71	-2.07	-2.32
W28400073080001	BIKANER	Bikaner	CHHATARGARH	Dug	0.13	73.13	28.67	166	57.17	33.47	32.77	33.71	33.43	-2.30	-2.62	0.06	0.64
W274800073210002	BIKANER	Bikaner	DESHNOKH	PZ	1	73.35	27.8	271	205	0.00	112.21	111.39	112.59	0.00	2.34	3.51	2.46
W281300073380003	BIKANER	Bikaner	Dhirera_Pz	PZ	1	73.63	28.22	210	75	50.32	51.23	51.20	49.61	-0.62	7.07	-0.83	0.29
W275115073234201	BIKANER	Bikaner	Gigasar-Pz	PZ	0.75	73.4	27.85	268	142	0.00	105.33	0.00	109.07	0.00	8.07	0.00	4.69
W280050073160001	BIKANER	Bikaner	KARMISAR	PZ	1.02	73.27	28.01	217	139.6	69.40	69.10	68.32	69.14	-2.22	-0.39	1.12	0.34
W281145073232801	BIKANER	Bikaner	KHARA1	Dug	1.23	73.39	28.2	202	64.27	51.49	51.61	51.34	51.61	-1.52	-1.66	-1.47	-1.71
W275745073333001	BIKANER	Bikaner	KODAMDESAR	Dug	0	73.56	27.96	245	82	75.58	76.06	76.46	75.79	4.57	3.99	-1.11	-0.42
W281900073113001	BIKANER	Bikaner	LAKHUSAR	Dug	0.9	73.19	28.32	186	51	43.33	44.13	44.18	43.89	-0.63	1.55	-1.82	-0.79
W275745073333002	BIKANER	Bikaner	NAPASAR	Dug	1.39	73.56	27.96	245	90	79.06	78.56	78.04	77.85	0.20	0.62	0.58	0.81
W283530073044501	BIKANER	Bikaner	SATTASAR	Dug	0.89	73.08	28.59	179	57.91	30.94	30.57	31.17	30.45	-1.18	-1.16	-1.71	-0.97
W280500074003001	BIKANER	Dungargarh	DUNGARGARH	Dug	1.4	74.01	28.08	272	63.52	60.66	60.30	60.21	60.53	0.29	0.93	1.16	0.87
W280545073521501	BIKANER	Dungargarh	LAKHASAR2	Dug	1.65	73.87	28.1	245	47.95	15.81	15.62	16.44	16.17	-0.36	-1.14	-1.18	-0.67
W281630073540001	BIKANER	Dungargarh	LODERA	Dug	2.1	73.9	28.28	225	87.92	0.00	69.97	69.15	69.83	0.00	-0.61	0.35	-1.53
W282700072303001	BIKANER	Khajuwala	DANTOR	Dug	0	72.51	28.45	129	20.65	0.00	0.00	12.54	12.60	0.00	0.00	8.11	8.05
W275600072303001	BIKANER	Kolayat	BAJUJ	Dug	1.16	72.51	27.93	165	43.14	35.27	34.56	34.91	34.82	-2.46	-0.62	-1.80	-2.40
W275500072302001	BIKANER	Kolayat	Bajju (tejpura)	PZ	1	72.51	27.92	164	120	33.69	0.00	0.00	0.00	-1.59	0.00	0.00	0.00



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W274415072081501	BIKANER	Kolayat	BHIKAMPUR	Dug	1.35	72.14	27.74	157	36.05	12.18	12.29	12.13	12.73	4.77	-0.84	0.72	-0.73
W275215072433001	BIKANER	Kolayat	BITHNOK	Dug	1.31	72.73	27.87	204	57.69	54.69	0.00	53.88	54.30	1.30	0.00	2.35	1.97
W275100072490001	BIKANER	Kolayat	Bitnkok	PZ	1	72.82	27.85	205	138	54.69	0.00	53.88	54.30	1.30	0.00	2.35	1.97
W274700072380001	BIKANER	Kolayat	Garlyala_Pz	PZ	1	72.63	27.78	205	164	0.00	60.74	60.44	60.11	0.00	0.28	0.83	1.18
W275930072160001	BIKANER	Kolayat	GODU	Dug	1.17	72.27	27.99	152	48.83	21.44	21.21	21.02	22.01	-2.16	-2.08	-1.86	-3.83
W2759000722210001	BIKANER	Kolayat	Godu_Pz_I	PZ	1	72.35	27.98	149	190.61	17.35	17.51	17.36	15.00	-0.55	-3.21	-2.99	-0.62
W2759000722210002	BIKANER	Kolayat	Godu_Pz_II	PZ	1	72.35	27.98	149	190.3	14.40	14.95	14.72	14.35	-0.10	1.65	1.91	2.30
W281830072254001	BIKANER	Kolayat	JAGGASAR	PZ	0.3	72.43	28.31	127	250	18.95	18.49	18.54	18.59	-0.95	-1.35	-1.26	-1.31
W275030072571501	BIKANER	Kolayat	KOLAYAT	PZ	1	72.95	27.84	213	318	68.48	69.28	69.90	69.65	3.82	7.19	7.21	6.15
W280300072293001	BIKANER	Kolayat	MANKASAR	Dug	1.5	72.49	28.05	166	19.46	11.97	0.00	0.00	0.00	-0.54	0.00	0.00	0.00
W275800072250001	BIKANER	Kolayat	MODAYAT	Dug	0.54	72.42	27.97	164	69.46	15.45	0.00	0.00	0.00	-0.49	0.00	0.00	0.00
W273830072390001	BIKANER	Kolayat	NOKHRA	Dug	1.42	72.65	27.64	242	92	0.00	89.44	88.68	88.88	0.00	-1.55	-0.97	-1.11
W280135072073001	BIKANER	Kolayat	RANJITPURA	Dug	0	72.13	28.03	146	42.8	25.34	25.20	0.00	0.00	0.81	0.70	0.00	0.00
W281645072243001	BIKANER	Kolayat	TANWAR WALA	Dug	0.53	72.41	28.28	146	39.47	0.00	19.63	19.38	19.21	0.00	0.32	0.74	0.94
W285600073530001	BIKANER	Lunakaransar	ARJANSAR	Dug	2.05	73.88	28.93	206	71.75	20.05	19.22	19.72	19.90	-3.20	-2.27	-2.77	-2.70
W284205073455101	BIKANER	Lunakaransar	BADERAN	Dug	1.2	73.76	28.7	207	49.29	40.33	32.64	38.56	39.34	-0.58	0.68	-1.31	-1.54
W282800073270001	BIKANER	Lunakaransar	BINJAWARI	PZ	1	73.45	28.47	208	157	67.81	69.60	67.86	68.84	6.99	-2.88	4.18	3.20
W283130073363001	BIKANER	Lunakaransar	DHIRERA	Dug	1.4	73.61	28.53	206	66.5	0.00	58.67	60.62	51.10	0.00	-0.77	-2.42	7.87
W282640074004001	BIKANER	Lunakaransar	GORABDESAR	Dug	2.56	74.01	28.44	216	68	0.00	0.00	62.37	63.17	0.00	0.00	3.07	2.27
W283435073484001	BIKANER	Lunakaransar	HARIASAR	Dug	2.65	73.81	28.58	197	61.95	26.47	26.82	26.41	27.53	0.53	0.91	-0.57	-1.63
W281945073291501	BIKANER	Lunakaransar	KASTURIA	Dug	0.94	73.49	28.33	186	42.6	32.95	33.41	33.30	33.96	0.04	-0.42	-0.23	-0.86
W285600073243001	BIKANER	Lunakaransar	KHARBARO	Dug	1.31	73.41	28.93	190	47.7	8.07	8.08	7.39	8.18	-1.29	-1.83	-0.93	-0.79
W285200073210001	BIKANER	Lunakaransar	LAKHANSAR	PZ	1.1	73.35	28.87	168	250	15.98	0.00	0.00	0.00	-2.48	0.00	0.00	0.00
W283200073334501	BIKANER	Lunakaransar	LALERA	PZ	1	73.56	28.53	211	150	64.43	58.25	66.08	58.92	-32.13	-26.15	-32.54	-25.38
W282930073450001	BIKANER	Lunakaransar	LUNKRANSAR1	PZ	0.97	73.75	28.49	197	129	40.08	44.40	42.67	41.34	5.92	4.43	4.76	5.59
W284700073500001	BIKANER	Lunakaransar	MAHAJAN	Dug	1.55	73.83	28.78	199	51.5	33.54	0.00	0.00	0.00	3.11	0.00	0.00	0.00
W283830073520001	BIKANER	Lunakaransar	MALKISAR	Dug	1.38	73.87	28.64	198	59.62	15.80	15.13	17.27	15.55	-1.08	-0.91	-2.77	-1.03
W284530073462001	BIKANER	Lunakaransar	MANARIA	Dug	0.69	73.77	28.76	196	54.41	48.12	49.86	0.00	0.00	1.54	-2.60	0.00	0.00
W285305073171501	BIKANER	Lunakaransar	RANER	Dug	0.4	73.29	28.88	161	47.6	17.24	17.57	17.10	16.91	-4.14	-4.64	-4.92	-4.71
W284200073530001	BIKANER	Lunakaransar	Sangrew	PZ	0	73.88	28.7	197	153	0.00	30.28	30.29	27.30	0.00	-4.48	-4.56	-1.55
W274000073394501	BIKANER	Nokha	KAKRA	PZ	1.62	73.66	27.67	305	178.92	76.84	77.32	77.60	77.37	2.44	8.73	8.95	9.21
W273015073260001	BIKANER	Nokha	Kanwalisar	PZ	1	73.43	27.5	328	150	65.84	0.00	0.00	0.00	0.05	0.00	0.00	0.00
W274600073490002	BIKANER	Nokha	Mahajan-Pz	PZ	1	73.82	27.77	306	67.3	0.00	37.70	36.77	37.56	0.00	-0.53	0.32	-0.43
W274720073462001	BIKANER	Nokha	SADHSAR	PZ	1	73.77	27.79	300	211	0.00	101.21	99.06	107.23	0.00	18.89	22.94	14.87
W252815075520001	BUNDI	Bundi	DELUNDA	Dug	0.61	75.87	25.47	229	17.68	14.89	13.72	14.00	13.65	-3.75	-11.43	-12.01	-4.16
W252940075493001	BUNDI	Bundi	RAJWAS	Dug	0.51	75.83	25.49	239	7.5	5.56	2.78	3.45	4.29	0.08	-1.39	-1.56	-1.20
W252400075333001	BUNDI	Bundi	RAMNAGAR	Dug	0.81	75.56	25.4	259	15.23	9.52	3.80	5.73	7.97	1.58	-1.71	-4.04	-5.90
W252820075331501	BUNDI	Hindoli	SATUR	Dug	0	75.55	25.47	305	15	9.62	6.96	8.06	5.48	2.78	-3.86	-2.16	1.51
W253100076100001	BUNDI	Keshorai Patan	Dahi Khera	Dug	0.57	76.17	25.52	230	7.38	7.63	12.57	14.11	10.23	-2.40	-11.54	-11.08	-7.65
W253230075594501	BUNDI	Keshorai Patan	GAINDOLI	Dug	1	76	25.54	231	10.72	8.42	2.33	3.78	5.42	-2.76	-1.03	-0.48	-0.92
W252328076042501	BUNDI	Keshorai Patan	KAPREN	Dug	0.59	76.07	25.39	236	6.71	2.47	4.53	3.46	4.45	0.54	-4.02	-2.10	-2.84
W251908075555001	BUNDI	Keshorai Patan	KESHORAIPTAN	Dug	0.54	75.93	25.32	245	3.96	3.49	1.18	1.47	1.37	-1.13	-0.77	0.04	0.33
W254000076110001	BUNDI	Keshorai Patan	LAKHERI	Dug	1.5	76.18	25.67	228	3.95	2.68	1.17	1.48	1.83	-0.38	-1.07	-0.88	-1.23
W252430075531501	BUNDI	Keshorai Patan	MAJIA	Dug	1.1	75.89	25.41	232	10.7	2.77	2.89	1.07	1.07	-0.52	-2.04	-0.88	-0.76
W253320075565001	BUNDI	Nainwa	MOTIPURA	Dug	0.51	75.95	25.56	303	14	0.00	6.50	9.96	10.61	0.00	3.39	0.18	-2.92
W251600075460001	BUNDI	Talera	BALLOP	Dug	1	75.77	25.27	248	6	5.08	1.90	1.79	1.15	-0.12	-1.00	-1.09	0.65
W250630074500001	CHITTAURGARH	Begun	Dugar	PZ	1	74.83	25.11	383	150	3.26	1.96	2.17	2.74	-2.16	-0.92	-0.82	-0.34
W250440075100001	CHITTAURGARH	Begun	MENAL	Dug	0.55	75.17	25.08	522	6.85	3.06	1.57	1.80	2.08	1.32	4.69	1.85	2.87
W250811074531501	CHITTAURGARH	Begun	PARSOLI	Dug	1.65	74.89	25.14	398	14.44	0.00	0.00	5.16	7.65	0.00	0.00	-0.51	-2.50
W244336074270001	CHITTAURGARH	Bhadesar	BANSEN	Dug	0.25	74.45	24.73	428	18.95	15.30	5.77	7.67	7.55	-0.75	1.80	2.23	1.50
W244100074210001	CHITTAURGARH	Bhadesar	NAPANIA	Dug	0.5	74.35	24.68	460	32.5	20.10	15.22	15.42	17.18	-7.55	-2.77	-5.83	-7.88
W245600075353001	CHITTAURGARH	Bhainsrogarh	RAWATBHATA	Dug	1.35	75.59	24.93	358	9.95	0.63	0.41	0.28	0.39	-0.28	-0.16	-0.03	-0.24
W245420074384001	CHITTAURGARH	Chittaurgarh	MANPURA2	Dug	0.33	74.64	24.91	398	18	11.41	4.24	0.00	10.02	-0.36	10.67	0.00	1.25
W245700074420001	CHITTAURGARH	Chittaurgarh	NAGARI1	Dug	0.05	74.7	24.95	415	17.75	15.51	5.50	9.12	13.27	-1.76	7.26	2.38	-2.82

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W245630074311001	CHITTAURGARH	Chittaurgarh	PUROHITOKASAVAT	Dug	0.72	74.52	24.94	436	31	25.81	23.16	24.54	24.70	2.30	4.37	-0.15	0.88
W242126074211301	CHITTAURGARH	Dungla	MAHOODA	Dug	0.5	74.35	24.36	484	18	0.00	11.39	15.45	10.95	0.00	-8.08	-3.74	-6.63
W250300074380001	CHITTAURGARH	Gangrar	GANGRAR1	Dug	0.85	74.63	25.05	405	22	14.22	10.62	10.05	12.16	4.48	6.73	5.41	-10.31
W250210074293001	CHITTAURGARH	Gangrar	KHARKHANDA	Dug	0.46	74.49	25.04	451	22.04	18.19	12.88	15.78	16.92	-2.25	-7.34	-2.14	-6.48
W244400074160001	CHITTAURGARH	Kapasan	AKOLA	Dug	0.2	74.27	24.73	454	16	14.15	8.33	9.30	10.38	-5.57	3.48	0.00	-4.38
W245140074183001	CHITTAURGARH	Kapasan	KAPASAN1	Dug	0.35	74.31	24.86	460	20.78	9.96	8.47	7.04	7.66	-2.81	10.54	-2.79	-4.91
W245230074160001	CHITTAURGARH	Kapasan	MUNGANA	Dug	1.08	74.27	24.88	463	24	0.00	11.02	12.31	13.73	0.00	-4.25	-8.01	-7.01
W245600074272001	CHITTAURGARH	Kapasan	SINGHPUR	Dug	0.5	74.46	24.93	432	17.17	0.00	7.03	7.04	11.80	0.00	2.65	0.16	3.00
W250400074214501	CHITTAURGARH	Rashmi	RASHMI1	Dug	1.55	74.36	25.07	448	12.5	8.50	5.38	6.65	7.29	0.51	3.25	-0.90	-2.24
W281545074523001	CHURU	Churu	BINASAR	Dug	2.31	74.88	28.26	296	45	33.88	33.66	33.42	33.64	1.21	3.56	0.78	0.55
W282815075044501	CHURU	Churu	DUDWA KHARA	PZ	1.81	75.08	28.47	276	92.5	18.84	18.71	18.62	18.63	1.15	0.29	0.30	0.46
W281730074541501	CHURU	Churu	GUJRON KI DHANI	PZ	1.17	74.9	28.29	302	107.35	31.43	31.47	0.00	31.28	-0.60	-0.80	0.00	-0.60
W282800074514501	CHURU	Churu	RAMPURA	Dug	1.84	74.86	28.47	260	28.16	20.49	19.06	20.06	20.04	0.87	-1.38	-0.91	-0.53
W282600075075001	CHURU	Churu	SIRSALA	Dug	1.08	75.13	28.43	277	31.69	30.20	30.12	29.86	29.96	-0.68	-0.72	0.43	0.37
W274500074013001	CHURU	Dungargarh	SONIASAR	Dug	2.11	74.03	27.75	317	76.89	0.00	0.00	61.66	64.47	0.00	0.00	13.12	10.31
W284010075140001	CHURU	Rajgarh	DADREWA	Dug	2.99	75.23	28.67	233	26	15.25	13.94	13.58	13.34	-2.34	-2.85	-0.73	-0.36
W283200075262001	CHURU	Rajgarh	HARPALU KHUSALA	PZ	1	75.44	28.53	254	114.5	37.77	37.99	37.69	38.85	0.53	-0.19	-0.03	-1.00
W283900075180001	CHURU	Rajgarh	NANGLI	Dug	1	75.3	28.65	234	30.66	25.04	0.00	0.00	0.00	0.21	0.00	0.00	0.00
W282800075282001	CHURU	Rajgarh	NEEMA	PZ	1.74	75.47	28.47	270	115	47.11	46.87	46.85	47.84	24.15	2.00	2.62	1.82
W28380075223001	CHURU	Rajgarh	RAJGARH1	Dug	1.99	75.38	23.41	480	26	20.14	10.08	10.83	11.39	-1.34	-6.88	-2.13	-1.74
W275900074351501	CHURU	Ratangarh	BHOJASAR	Dug	2.84	74.59	27.98	326	58	53.09	53.60	53.35	53.16	1.07	-2.14	-0.93	-0.68
W280230074473001	CHURU	Ratangarh	BIRAMSAR1	Dug	2.53	74.79	28.04	312	45	36.97	36.27	36.53	36.45	1.45	3.20	3.21	12.17
W275500074410001	CHURU	Ratangarh	KANWARI	PZ	1.1	74.68	27.92	320	52.5	27.58	27.88	27.55	27.50	0.37	-0.24	0.48	0.53
W280030074373001	CHURU	Ratangarh	LOHA1	Dug	1.59	74.63	28.01	326	50	31.99	29.40	27.51	28.52	-2.73	0.07	0.96	1.19
W281215074315001	CHURU	Ratangarh	MELUSAR1	PZ	1	74.53	28.2	297	70	40.97	0.00	38.48	40.67	0.28	0.00	2.95	0.83
W280215074283501	CHURU	Ratangarh	RAJALDESAR	PZ	1	74.48	28.04	321	68.9	46.69	47.08	49.02	47.66	1.36	0.93	-0.91	0.44
W280500074370001	CHURU	Ratangarh	RATANGARH	Dug	2.13	74.62	28.08	309	44	0.00	0.00	38.63	40.35	0.00	0.00	3.24	1.52
W280100074370002	CHURU	Ratangarh	Ratangarh2	PZ	1	74.62	28.02	315	105	41.63	41.01	0.00	0.00	2.62	11.62	0.00	0.00
W280000074400001	CHURU	Ratangarh	Sangasar	PZ	1	74.67	28	314	44.7	29.82	29.70	29.97	29.43	0.63	-0.09	0.00	0.27
W280400074440002	CHURU	Ratangarh	TIDIYASAR	PZ	0.85	74.73	28.07	315	111.5	39.59	42.42	42.82	41.88	2.41	-2.96	-3.30	-2.33
W280400074440001	CHURU	Ratangarh	TODIASAR	Dug	1.6	74.73	28.07	315	50	42.67	41.37	42.10	41.89	1.63	2.75	2.19	6.41
W283437074301601	CHURU	Sardar Sahar	Aspalsar	Dug	2.5	74.5	28.58	241	50	45.07	43.35	44.02	44.43	0.13	-3.75	-0.30	-0.75
W283830074223001	CHURU	Sardar Sahar	HARDESAR	Dug	2.48	74.38	28.64	222	64	58.80	58.88	58.61	59.03	2.32	-0.06	1.39	0.79
W282450074151001	CHURU	Sardar Sahar	KHUNDIA	Dug	2.5	74.25	28.41	240	57.5	53.83	0.00	0.00	0.00	-0.18	0.00	0.00	0.00
W282200074321501	CHURU	Sardar Sahar	MEHRASAR	Dug	1.66	74.54	28.37	270	67.09	0.00	0.00	0.00	47.31	0.00	0.00	0.00	18.12
W283015074441501	CHURU	Sardar Sahar	MELUSAR	Dug	2.92	74.74	28.5	256	48	24.24	23.73	23.23	29.08	8.04	18.81	-0.27	-6.00
W282500074240001	CHURU	Sardar Sahar	MITTASAR	Dug	2.03	74.4	28.42	259	66	57.77	55.95	0.00	56.98	-2.65	-0.99	0.00	5.00
W284200074210001	CHURU	Sardar Sahar	SADASAR	Dug	1.9	74.35	28.7	213	75	59.06	59.10	59.02	59.09	10.34	6.14	7.57	7.55
W282620074262001	CHURU	Sardar Sahar	SARDARSHAHAR	PZ	1.35	74.44	28.44	254	76	41.87	40.89	40.49	40.40	-5.22	-1.94	-3.95	-3.80
W282310074040001	CHURU	Sardar Sahar	SOMASAR	Dug	2.46	74.07	28.39	222	67.54	0.00	0.00	57.03	57.17	0.00	0.00	8.05	7.91
W274400074070001	CHURU	Sujjanganr	BAMBOO	Dug	1	74.12	27.73	319	65.23	62.27	62.66	0.00	62.94	1.21	0.81	0.00	1.13
W274315074323001	CHURU	Sujjanganr	BHOJASAR	Dug	1.48	74.54	27.72	317	32	29.89	29.39	29.38	29.49	-0.40	0.03	0.25	-0.07
W274900074170001	CHURU	Sujjanganr	BIDASAR	Dug	2.44	74.28	27.82	309	62.56	13.49	13.63	0.00	0.00	-8.66	-9.54	0.00	0.00
W274415074281001	CHURU	Sujjanganr	GULERIYA	Dug	2	74.47	27.74	316	18	9.89	9.51	9.20	9.48	-0.56	-0.63	-0.27	-0.53
W284730075030001	CHURU	Taranagar	BHALAUTIBBA	Dug	1.99	75.05	28.79	215	18.01	13.75	13.02	13.28	13.42	-1.14	-0.81	-0.95	-0.91
W285030074543001	CHURU	Taranagar	DHIRAWAS	Dug	1.8	74.91	28.84	210	15.2	9.36	7.68	8.97	8.69	0.14	-0.19	-0.74	0.61
W285230074503001	CHURU	Taranagar	SHAWA	Dug	1.3	74.84	28.88	212	29.8	15.03	14.76	14.74	15.07	0.47	-2.22	-2.40	-2.61
W271000076350001	DAUSA	Bandikui	Baswa1	PZ	1	76.58	27.17	297	125.4	39.76	40.68	39.78	41.37	7.78	-3.73	2.02	0.68
W265800076344501	DAUSA	Bandikui	SIKANDARA	PZ	1	76.58	26.97	278	50	0.00	28.09	25.38	0.00	0.00	6.71	13.22	0.00
W265830076173001	DAUSA	Dausa	BAPI	Dug	0.78	76.29	26.98	319	15.12	9.66	5.96	9.53	9.25	2.22	-0.84	-3.01	-2.68
W265850076170001	DAUSA	Dausa	BAPI_Pz	PZ	1	76.28	26.98	324	91.5	8.90	8.40	8.96	8.72	2.76	-2.10	1.55	2.18
W265500076240001	DAUSA	Dausa	BHANDAREJ	Dug	0.6	76.4	26.92	297	31	22.27	17.19	0.00	22.34	2.90	4.46	0.00	7.16
W264800076200001	DAUSA	Dausa	BIGAWAS MOD	Dug	1	76.33	26.8	311	12.9	0.00	6.40	6.96	7.75	0.00	-3.30	-1.66	-0.12
W265345076193002	DAUSA	Dausa	Dausa	PZ	0.89	76.33	26.9	334	125.5	10.66	8.45	0.00	9.33	7.69	2.30	0.00	10.47

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W265345076193001	DAUSA	Dausa	DAUSA1	Dug	1	76.33	26.9	334	18.06	0.00	7.15	0.00	10.96	0.00	6.26	0.00	6.21
W265800076200001	DAUSA	Dausa	Jasuta	Dug	1.05	76.33	26.97	311	18	11.10	6.75	6.63	0.00	3.87	0.00	1.42	0.00
W265900076243001	DAUSA	Dausa	Kalipahari	PZ	1	76.41	26.98	313	60	23.60	21.53	24.02	24.05	4.80	5.77	6.68	6.70
W264700076130001	DAUSA	Dausa	LAWAN1	PZ	1	76.22	26.78	317	44	0.00	0.00	0.00	31.44	0.00	0.00	0.00	11.56
W264445076201002	DAUSA	Dausa	Nagal Rajawatan	PZ	1	76.34	26.75	332	200	26.23	26.90	26.51	27.48	7.90	5.81	6.89	4.20
W263400076201502	DAUSA	Lalsot	LALSOT2	PZ	1.03	76.34	26.57	367	70	40.12	39.73	37.61	0.00	-4.65	-7.58	-4.34	0.00
W264100076120001	DAUSA	Lalsot	PRAHLADPURA	PZ	1	76.2	26.68	310	62.8	50.78	51.16	52.71	52.43	6.32	7.14	5.99	6.27
W265400077020001	DAUSA	Mahua	DHAND1	PZ	1	77.03	26.9	224	40	15.99	14.60	16.22	18.95	13.51	1.60	2.08	18.05
W265830076572001	DAUSA	Mahua	Ghazipur-Pz	PZ	1	76.96	26.98	233	81.4	0.00	12.05	0.00	11.84	0.00	-0.35	0.00	6.22
W265400077020002	DAUSA	Mahua	Higetawari Dhani	Dug	0.2	77.03	26.9	224	19.5	0.00	16.20	0.00	0.00	0.00	-7.40	0.00	0.00
W270430076570001	DAUSA	Mahua	MAHUWA	PZ	0.78	76.95	27.08	230	90	26.38	25.21	25.99	27.23	15.24	12.81	15.73	14.24
W270500076540001	DAUSA	Mahuwa	RASHIDPURA1	PZ	0.9	76.9	27.08	239	45	0.00	0.00	0.00	31.57	0.00	0.00	0.00	12.53
W264845076303501	DAUSA	Sikrai	GARH RANOLI	PZ	1	76.51	26.81	339	40	0.00	0.00	0.00	31.74	0.00	0.00	0.00	7.26
W265700076440001	DAUSA	Sikrai	LANGRA BALAJI	PZ	1	76.73	26.95	262	75	29.99	29.40	29.99	30.78	7.97	8.30	11.61	9.62
W264000077370001	DHAULPUR	Bari	BARI1	Dug	0.9	77.62	26.67	208	17.57	12.89	12.30	12.95	12.48	1.08	0.25	-0.15	0.32
W263430077413001	DHAULPUR	Bari	GAJPURA	Dug	1	77.69	26.58	281	10.01	18.37	15.45	13.42	13.28	-0.41	-10.54	-8.34	-8.16
W263607077283601	DHAULPUR	Baseri	ANGAI	Dug	1.03	77.48	26.6	232	21.24	12.26	7.49	7.72	8.34	-5.69	-6.47	-4.65	-1.83
W263120077231501	DHAULPUR	Baseri	NAKATPURA	Dug	0.45	77.39	26.52	262	11.45	8.04	0.00	0.00	0.00	0.31	0.00	0.00	0.00
W264610077355001	DHAULPUR	Baseri	SALEMPUR	PZ	1	77.6	26.77	191	28.5	9.47	11.63	13.43	9.25	-0.52	-7.16	-8.83	-3.32
W263900077480001	DHAULPUR	Dholpur	AITHMEEL	Dug	0.38	77.8	26.65	231	20.72	9.88	5.20	6.36	8.28	0.54	-2.88	-2.44	-1.54
W265410077560001	DHAULPUR	Dholpur	BARETHA KALAN	PZ	1	77.93	26.9	162	82.66	19.62	17.19	19.09	20.24	11.98	1.62	14.11	12.48
W264100077520001	DHAULPUR	Dholpur	Dhaulpur	Dug	0.4	77.87	26.68	238	21.02	14.56	13.57	13.28	13.48	0.64	0.33	0.52	0.22
W264100077520002	DHAULPUR	Dholpur	Dhaulpur1	PZ	0	77.87	26.68	238	31.22	14.95	14.71	14.23	14.84	-1.62	-4.38	-1.03	-2.70
W265130077430001	DHAULPUR	Dholpur	KANTHRI	Dug	0.6	77.72	26.86	181	8	5.59	6.00	0.00	5.43	0.63	-2.50	0.00	-1.53
W265300077470001	DHAULPUR	Dholpur	PIPEHARA	PZ	1	77.78	26.88	177	42	32.37	31.69	32.21	34.54	6.23	4.51	7.59	4.92
W264800078020002	DHAULPUR	Rajakhera	MARAINA	Dug	0.55	78.03	26.8	170	14.45	0.00	0.00	0.00	18.60	0.00	0.00	0.00	-4.70
W265050078053001	DHAULPUR	Rajakhera	SAWALIAPURA	Dug	0.7	78.09	26.85	169	27	0.00	0.00	0.00	24.64	0.00	0.00	0.00	1.66
W265600078081502	DHAULPUR	Rajakhera	SIKRONDA	PZ	1	78.14	26.93	162	122.72	28.33	25.35	26.77	29.06	2.77	5.10	7.33	3.18
W235700074050001	DUNGARPUR	Aspur	Aspur	PZ	1	74.08	23.95	202	150	15.59	10.38	10.96	9.80	-2.29	-3.75	-4.09	-2.91
W235730074044501	DUNGARPUR	Aspur	ASPUR1	Dug	0	74.08	23.96	206	13	7.60	3.14	5.54	4.91	-1.92	-3.02	-5.24	-3.71
W235400074041501	DUNGARPUR	Aspur	BARODA	Dug	0.74	74.07	23.9	193	10.06	0.00	1.09	1.09	2.04	0.00	-0.01	-0.57	-1.06
W235100074050002	DUNGARPUR	Aspur	KABJA	PZ	1	74.08	23.85	169	92.1	5.12	4.40	2.23	3.24	0.37	-2.47	-0.15	-2.06
W235530073580001	DUNGARPUR	Aspur	Ramgarh2	PZ	1	73.97	23.93	243	200	11.26	4.58	6.95	9.56	-5.26	-0.37	-2.03	-4.76
W235120074094001	DUNGARPUR	Aspur	SABLA	Dug	0.89	74.16	23.86	193	11.51	5.98	2.94	2.94	3.55	0.91	-1.15	-1.49	-2.24
W234700073300001	DUNGARPUR	Bichhiwara	Beechiwara	Dug	0.15	73.5	23.78	380	20	0.00	3.84	7.29	8.45	0.00	-3.10	-6.24	-6.59
W235000073420001	DUNGARPUR	Bichhiwara	Dungarpur1	Dug	1.05	73.7	23.83	371	16.01	9.29	4.25	4.83	5.87	1.98	-0.45	-0.38	-1.44
W234245073421501	DUNGARPUR	Bichhiwara	GORADA	Dug	0.33	73.7	23.71	307	9	7.60	1.90	4.43	5.59	-0.03	-1.41	-3.50	-4.62
W234900073340001	DUNGARPUR	Bichhiwara	KANABA	Dug	0.5	73.57	23.82	321	11.2	8.46	2.85	3.80	4.50	1.44	-0.24	-1.10	-1.00
W235030073335501	DUNGARPUR	Bichhiwara	NAVAL SHYAM	PZ	0.66	73.57	23.84	339	120.4	9.68	2.90	5.12	4.24	3.06	-0.81	-2.95	-1.44
W235000073410001	DUNGARPUR	Bichhiwara	NAYADERA	Dug	0.67	73.68	23.83	286	10.75	8.59	4.63	5.40	6.33	0.84	-3.50	-3.85	-4.54
W234600073270001	DUNGARPUR	Bichhiwara	RATANPPUR	Dug	0.45	73.45	23.77	310	12.75	0.00	4.61	6.09	7.51	0.00	-0.86	-2.02	-3.54
W234200073490001	DUNGARPUR	Dungarpur	Anteree	Dug	0.43	73.82	23.7	314	5.71	4.65	2.04	2.94	2.64	0.52	-0.70	-1.37	-0.17
W235319073540301	DUNGARPUR	Dungarpur	HATAI	Dug	0.77	73.9	23.89	255	9.2	6.21	1.84	2.97	3.82	1.22	-1.63	-2.51	-3.59
W235100073464501	DUNGARPUR	Dungarpur	MANPUR2	Dug	0.74	73.78	23.85	290	8.59	13.08	7.03	8.50	9.58	8.89	-3.46	-2.34	-1.82
W235800073340001	DUNGARPUR	Kherwara	Chhitri	PZ	1	73.57	23.97	354	86.7	10.13	4.51	0.00	6.20	2.47	-1.36	0.00	-2.65
W233700074050002	DUNGARPUR	Sagwara	BHILURA	Dug	1.52	74.08	23.62	132	11.48	5.95	2.91	3.59	4.35	3.13	-1.13	-1.61	-1.87
W234100073573001	DUNGARPUR	Sagwara	NANTHODA	Dug	0.5	73.96	23.68	181	11.5	0.00	2.78	2.87	5.00	0.00	-1.87	-1.97	-3.70
W234700074023001	DUNGARPUR	Sagwara	NAYAGAON1	Dug	0.45	74.04	23.78	197	9.9	6.76	3.83	3.90	4.79	1.99	-3.13	-2.22	-3.00
W234500074040001	DUNGARPUR	Sagwara	Sagwara	PZ	1	74.07	23.75	185	150	9.26	5.06	6.95	7.95	0.89	0.07	-1.63	-2.50
W232800073590001	DUNGARPUR	Simalwara	Jasala	PZ	1	73.98	23.47	146	150	0.00	7.66	10.61	18.18	0.00	7.34	5.79	-2.18
W232800073550001	DUNGARPUR	Simalwara	KUA	Dug	0.6	73.92	23.47	175	12	6.82	1.51	2.64	3.03	2.38	-0.52	-1.44	-1.21
W233145073454501	DUNGARPUR	Simalwara	PEETH	Dug	0.17	73.76	23.53	221	12.23	0.00	1.36	2.73	5.94	0.00	-0.60	-1.70	-4.11
W291550073353001	GANGANAGAR	Anupgarh	22GB CHAK	Dug	0.99	73.59	29.26	164	24.01	9.80	9.69	9.37	9.12	-0.49	-1.54	-0.23	0.39
W291200073120001	GANGANAGAR	Anupgarh	ANUPGARH1	Dug	1.95	73.2	29.2	151	28.3	14.09	13.31	14.14	13.87	-0.29	-1.37	-0.97	-0.52

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W291830073134501	GANGANAGAR	Anupgarh	BANDA COLONY	PZ	0.82	73.23	29.31	158	100	9.53	8.04	8.50	9.37	-0.10	1.63	3.11	-0.15
W290200073313001	GANGANAGAR	Anupgarh	BHOPALPURA	Dug	1.75	73.53	29.03	174	36.25	2.36	1.77	2.26	1.96	-0.81	0.03	-0.33	0.09
W290200073260001	GANGANAGAR	Anupgarh	GOMANWALI	Dug	1.6	73.43	29.03	169	23.4	10.09	8.44	8.91	8.74	-3.99	-2.33	-2.42	-2.14
W292115073380001	GANGANAGAR	Anupgarh	JAITSAR	Dug	0.7	73.63	29.35	167	38.3	8.30	7.28	7.12	7.28	-5.85	-4.91	-2.65	-0.83
W292010073411501	GANGANAGAR	Anupgarh	Jaitsar	PZ	1	73.69	29.34	162	33	8.30	7.28	7.12	7.28	-5.85	-4.91	-2.65	-0.83
W290500073220001	GANGANAGAR	Anupgarh	KHAL	Dug	1.2	73.37	29.08	155	33	8.25	7.36	7.78	8.20	-0.85	-0.14	-0.23	-0.70
W291000073223001	GANGANAGAR	Anupgarh	RAMSINGHPURA	Dug	0.41	73.38	29.17	157	30.89	15.28	14.46	14.56	15.04	-0.54	-0.45	0.71	0.62
W294930073434501	GANGANAGAR	Ganganagar	CHUNAWAD	Dug	1.23	73.73	29.83	172	47.77	14.08	14.07	13.80	13.49	0.09	-0.27	-3.99	-0.98
W294830073440001	GANGANAGAR	Ganganagar	TATARSAR	Dug	0.84	73.73	29.81	169	50.76	14.31	14.29	14.30	14.14	-0.55	-1.45	-1.59	-2.13
W284800073040001	GANGANAGAR	Gharsana	ROJARI	Dug	1	73.07	28.8	156	34.17	9.48	9.15	0.00	8.80	-3.38	-3.51	0.00	-0.70
W294900073270001	GANGANAGAR	Karanpur	KARANPUR1	Dug	0.45	73.45	29.82	166	20.12	6.21	5.53	5.69	5.41	-1.96	-1.03	-0.62	-0.91
W294745073264501	GANGANAGAR	Karanpur	RUPANAGAR	Dug	1.15	73.45	29.8	166	13.45	6.89	6.59	5.87	6.31	-1.19	-1.78	-0.31	-2.11
W293800073460001	GANGANAGAR	Padampur	BINJALIA	Dug	1	73.77	29.63	172	27.75	13.33	12.92	13.41	14.28	-1.13	0.63	-0.34	-1.18
W294330073354501	GANGANAGAR	Padampur	DELWAN	Dug	1.35	73.6	29.73	166	24.15	11.53	8.63	11.94	11.71	-0.28	0.70	-2.58	-1.46
W293545073370001	GANGANAGAR	Padampur	GANGUWALA	Dug	0.9	73.62	29.6	167	31.1	13.15	7.45	10.72	11.95	-1.35	4.22	0.73	-0.35
W294058073513001	GANGANAGAR	Padampur	Narsinghpur	Dug	1.5	73.86	29.68	176	28.3	18.17	17.39	17.50	17.63	-0.52	-0.32	1.19	-0.28
W294100073513001	GANGANAGAR	Padampur	NARSINGHPUR1	PZ	1	73.86	29.68	176	100	18.38	0.00	0.00	0.00	0.62	0.00	0.00	0.00
W291700074101501	GANGANAGAR	Pilibanga	SARDARPURA	Dug	2.5	74.17	29.28	192	37.15	4.98	0.00	0.00	0.00	-0.58	0.00	0.00	0.00
W292800073560001	GANGANAGAR	Pilibanga	SURATGARH	PZ	0.5	73.93	29.47	176	90.11	5.55	5.84	6.59	5.47	0.20	1.45	2.11	1.73
W292930073374501	GANGANAGAR	Raisingh Nagar	DABLA	Dug	1.53	73.63	29.49	168	31.47	10.64	7.70	10.06	10.34	-0.42	1.11	-0.96	-1.15
W293800073270001	GANGANAGAR	Raisingh Nagar	GAUSINGHPURA	Dug	0.88	73.45	29.63	164	21.12	9.57	9.34	9.22	9.05	-0.25	-1.17	-1.11	-0.81
W293045073370001	GANGANAGAR	Raisingh Nagar	JAGATSINGHWALA	Dug	2.07	73.62	29.51	165	47.93	11.70	11.51	11.67	11.39	-0.87	-1.63	-1.38	-1.16
W293115073350001	GANGANAGAR	Raisingh Nagar	MUKLAWA	Dug	2.02	73.58	29.52	166	42.98	12.35	12.02	12.14	12.10	-1.57	-3.75	-3.79	-1.82
W293230073270001	GANGANAGAR	Raisingh Nagar	RAISINGHNAGAR	Dug	0.47	73.45	29.54	166	32.1	12.67	11.97	12.15	12.15	-1.04	-1.26	-1.73	-1.57
W294445073540001	GANGANAGAR	Sadul Shahar	GANESHGARH	Dug	1.48	73.9	29.75	176	53.52	16.84	16.80	17.46	16.99	-0.67	-0.77	-0.07	0.52
W295120073591501	GANGANAGAR	Sadul Shahar	Lalgarh	PZ	0.8	73.99	29.86	178	198	18.39	0.00	0.00	0.00	-1.09	0.00	0.00	0.00
W294145073550001	GANGANAGAR	Sadul Shahar	SURANWALI	Dug	2.1	73.92	29.7	173	37.3	18.91	19.31	20.38	20.55	-2.61	-2.70	-2.22	-2.20
W295045074143001	GANGANAGAR	Sangaria	KHERUWALA	Dug	1.07	74.24	29.85	182	54.93	23.86	20.71	22.36	23.10	-1.48	0.49	-0.37	-0.47
W290700073551001	GANGANAGAR	Suratgarh	Birdhwal1	Dug	1.2	73.92	29.12	192	50.85	43.87	43.09	43.07	40.05	-2.77	-3.72	-3.20	1.40
W291000073430001	GANGANAGAR	Suratgarh	BIRMANA	Dug	1.1	73.72	29.17	176	38.95	5.91	4.73	5.71	5.47	-0.61	0.28	-0.29	0.27
W290745073471501	GANGANAGAR	Suratgarh	HARISINGHPURA	Dug	1.65	73.79	29.13	183	47.35	21.60	20.72	21.25	20.90	-2.25	-1.21	-2.25	-1.20
W290600073430001	GANGANAGAR	Suratgarh	LALGARIYA	Dug	0.35	73.72	29.1	179	48.75	25.76	25.94	28.42	26.23	-0.96	-1.47	-3.97	-1.18
W291630073463001	GANGANAGAR	Suratgarh	PADAMPURA	Dug	1.69	73.78	29.28	181	34.31	1.66	1.52	1.61	1.37	-0.06	-0.47	0.42	0.81
W290300073511501	GANGANAGAR	Suratgarh	PIPASAR	Dug	0.92	73.85	29.05	197	58.28	39.21	38.88	39.50	38.78	-6.13	-6.11	-5.75	-1.63
W291454073540001	GANGANAGAR	Suratgarh	PIPERAN	Dug	1.65	73.9	29.25	187	40.15	6.92	6.35	6.73	6.54	0.53	0.98	2.64	3.54
W291100073570001	GANGANAGAR	Suratgarh	RAYANWALI	Dug	1.99	73.95	29.18	187	53.51	20.89	17.61	18.41	18.41	-2.70	0.31	-0.50	0.50
W291330073464501	GANGANAGAR	Suratgarh	SANGITA	Dug	1.78	73.78	29.23	170	28.22	0.52	0.61	1.08	3.29	0.20	-0.56	-0.84	-2.79
W291100075193001	HANUMANGARH	Bhadra	CHHANI BARI	Dug	1.35	75.33	29.18	202	19.95	0.00	13.71	18.60	18.83	0.00	-7.29	-6.66	-6.53
W290050075055001	HANUMANGARH	Bhadra	DUNGRANA	Dug	0	75.1	29.01	204	40	17.09	0.00	16.53	16.27	-3.69	0.00	-4.11	-3.71
W285815075020001	HANUMANGARH	Bhadra	MALSISAR	Dug	1.5	75.03	28.97	202	19	13.70	12.68	12.66	13.59	-0.10	0.88	0.29	-1.14
W290600075020001	HANUMANGARH	Bhadra	MUNSARI	Dug	0.92	75.03	29.1	204	29.08	14.77	13.17	14.61	13.17	-0.79	2.09	-0.46	0.43
W294150074174001	HANUMANGARH	Hanumangarh	Chak Sampatnagar2	PZ	1	74.29	29.7	186	198.9	19.11	19.85	19.19	19.92	2.19	1.75	2.55	1.96
W292245074161501	HANUMANGARH	Hanumangarh	CHOHLINYAWALI	Dug	0.5	74.27	29.38	182	45.44	6.64	3.37	4.77	4.09	-5.06	-0.89	1.88	2.54
W294530074160001	HANUMANGARH	Hanumangarh	DHOLIPAL	Dug	2.17	74.27	29.76	183	52.83	21.40	0.00	20.43	20.12	-0.42	0.00	0.36	1.01
W293800074033601	HANUMANGARH	Hanumangarh	GOLUWALA	Dug	1.3	74.06	29.63	178	30.7	21.80	21.60	21.48	21.83	3.40	1.41	6.19	2.07
W293800074033602	HANUMANGARH	Hanumangarh	Goluwala	PZ	0.95	74.06	29.63	178	50	21.80	21.60	21.48	21.83	3.40	1.41	6.19	2.07
W293700074170001	HANUMANGARH	Hanumangarh	Hanumangarh Rau	PZ	1	74.28	29.62	181	186.7	0.00	18.12	17.86	18.23	0.00	1.04	3.70	2.67
W293340074200001	HANUMANGARH	Hanumangarh	KOHLA	Dug	1.15	74.33	29.56	184	33.85	17.00	16.72	17.06	17.92	3.45	-3.47	2.40	1.71
W292445074120002	HANUMANGARH	Hanumangarh	Paditawali	PZ	0.85	74.2	29.41	180	100	9.02	8.11	8.12	7.90	-0.62	-0.90	1.63	1.95
W294100074094501	HANUMANGARH	Hanumangarh	PAKKASARNA	Dug	2.16	74.16	29.68	181	49.34	23.50	22.02	23.47	24.62	3.54	6.05	3.27	2.18
W294100074060001	HANUMANGARH	Hanumangarh	Pale Wali Dhani	PZ	0.7	74.1	29.68	178	100	29.57	23.45	16.17	24.70	-3.67	2.34	9.86	1.25
W292445074120001	HANUMANGARH	Hanumangarh	PANDITAWALI	Dug	1.84	74.2	29.41	180	45.01	7.97	7.32	7.75	7.85	0.14	-1.93	0.49	0.44
W293730074190001	HANUMANGARH	Hanumangarh	SATIPURA	Dug	2.2	74.32	29.63	186	33.29	18.74	19.48	19.49	19.19	5.46	2.45	4.21	4.41
W291400074450002	HANUMANGARH	Nohar	BHUKARKA	Dug	0.5	74.75	29.23	190	34	19.76	19.10	18.87	19.87	1.64	1.41	1.95	1.01

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W290200074440001	HANUMANGARH	Nohar	LAKHASAR2	Dug	1.65	74.73	29.03	204	33.35	15.81	15.62	16.44	16.17	-0.36	-1.14	-1.18	-0.67
W291650074460001	HANUMANGARH	Nohar	NOHAR1	Dug	1.8	74.77	29.28	198	26.67	15.93	13.82	16.29	13.30	-0.43	0.88	-1.83	1.24
W291500074500001	HANUMANGARH	Nohar	RAMSARA1	Dug	0.5	74.83	29.25	197	24.5	18.39	14.53	15.64	16.31	-0.79	3.27	1.71	0.99
W292830074073701	HANUMANGARH	Pilibanga	Kalibanga-Pz	PZ	1.42	74.13	29.48	175	201	22.83	19.23	19.68	0.00	0.50	2.02	1.89	0.00
W293345073581501	HANUMANGARH	Pilibanga	LAKHASAR1	Dug	1.6	73.97	29.56	181	48.6	18.00	17.46	17.74	18.54	1.90	2.24	4.49	1.46
W292503073541501	HANUMANGARH	Pilibanga	Rampura	PZ	0.75	73.9	29.42	174	25	20.49	19.06	20.06	20.04	0.87	-1.38	-0.91	-0.53
W292345073562701	HANUMANGARH	Pilibanga	RAMSARA	Dug	1.8	73.94	29.4	173	33.4	13.99	15.04	13.90	14.30	-2.14	-4.13	-2.97	-3.30
W290430074180001	HANUMANGARH	Rawatsar	BIRAMSAR	Dug	1.3	74.3	29.08	180	48.2	25.16	25.03	25.40	0.00	-3.26	-5.76	-2.57	0.00
W285200074164001	HANUMANGARH	Rawatsar	BISRASAR	Dug	1.75	74.28	28.87	200	50.15	0.00	0.00	45.19	44.42	0.00	0.00	0.11	-0.24
W291100074203001	HANUMANGARH	Rawatsar	DHANASAR	Dug	1.7	74.34	29.18	183	38.3	8.76	8.37	10.57	10.34	-0.72	-2.75	-2.24	-2.14
W285430074080001	HANUMANGARH	Rawatsar	DUDHAL	Dug	1.35	74.13	28.91	199	50.7	47.58	47.03	46.89	46.92	0.57	-4.21	1.14	1.80
W291300074320001	HANUMANGARH	Rawatsar	GANDEHALI	Dug	0.9	74.53	29.22	189	28.38	0.00	2.08	2.39	2.17	0.00	-0.05	2.67	2.93
W285830074173001	HANUMANGARH	Rawatsar	LAKHERAN	Dug	1	74.29	28.98	191	57.22	37.70	35.34	37.62	35.42	-0.50	-0.38	-0.77	1.55
W285500074120001	HANUMANGARH	Rawatsar	PALLU	Dug	0.9	74.2	28.92	192	47.5	43.42	43.18	43.39	42.88	-0.82	-11.48	-0.99	-0.61
W290200074170001	HANUMANGARH	Rawatsar	PURABSAR	Dug	1.6	74.28	29.03	190	62.35	0.00	0.00	42.74	40.57	0.00	0.00	-10.84	-8.73
W291510074245001	HANUMANGARH	Rawatsar	RAWATSAR	Dug	1.4	74.41	29.25	187	28.78	1.75	1.85	1.91	1.59	0.35	-0.67	-0.40	-1.02
W295230074280002	HANUMANGARH	Sangaria	Bhagatpura-Pz	PZ	1	74.47	29.88	190	200	13.30	0.00	0.00	0.00	-0.75	0.00	0.00	0.00
W295015074243501	HANUMANGARH	Sangaria	BOLANWALI	Dug	0.8	74.41	29.84	189	19	16.94	16.54	16.77	16.58	-1.39	-1.38	-1.62	-1.38
W295100074270001	HANUMANGARH	Sangaria	RATANPURA	Dug	1.6	74.45	29.85	188	50.97	13.38	9.19	9.56	13.87	-5.58	-8.16	1.98	-2.22
W293730074303001	HANUMANGARH	Tibi	CHANDURWALA	Dug	0.65	74.51	29.63	190	23.5	15.24	0.00	0.00	13.06	-0.99	0.00	0.00	-8.89
W292132074355501	HANUMANGARH	Tibi	CHSTIAN	PZ	0.5	74.6	29.36	189	200	26.87	26.72	26.49	26.98	2.53	3.01	3.21	3.12
W294200074291501	HANUMANGARH	Tibi	SALEWALI	Dug	1.5	74.49	29.7	188	25.51	8.25	6.16	6.16	7.11	-0.05	-5.63	12.80	11.79
W270600075510001	JAIPUR	Amer	CHAUJUMP	PZ	1	75.85	27.1	485	78	63.05	60.33	61.23	59.48	6.77	9.47	5.89	10.37
W265000076040002	JAIPUR	Bassi	BASSI2	PZ	0.95	76.07	26.83	362	56.6	35.33	31.69	33.11	33.93	7.22	9.17	5.04	8.72
W263600075570001	JAIPUR	Chaksu	CHAKSU	Dug	0.75	75.95	26.6	303	18.55	15.94	14.80	15.56	13.87	0.91	1.76	-0.98	-3.92
W264045075543001	JAIPUR	Chaksu	GONER	Dug	0.2	75.91	26.68	323	15	12.59	12.42	12.25	12.65	0.79	0.66	0.43	1.45
W264249075540201	JAIPUR	Chaksu	SHIVDASPURA	Dug	0.4	75.9	26.71	334	27.18	23.18	23.24	23.02	23.54	1.22	1.08	2.90	-2.04
W263645075531001	JAIPUR	Chaksu	THALI	Dug	0.15	75.89	26.61	323	15.85	13.11	12.30	12.35	12.41	0.19	0.84	2.81	-4.06
W263636075164001	JAIPUR	Dudu	MANGARWARA	Dug	0.92	75.28	26.61	328	16.17	5.49	5.15	4.69	5.18	-0.96	-2.07	-2.51	-3.40
W264100075214501	JAIPUR	Dudu	MOZMABAD	Dug	0.53	75.36	26.68	335	10.48	7.93	6.18	7.25	7.31	-4.61	-3.43	-4.77	-3.64
W264800075260001	JAIPUR	Dudu	NASNOTA	Dug	0.87	75.43	26.8	338	17	11.94	11.16	11.37	11.89	0.04	0.59	-2.03	-6.71
W264410075180001	JAIPUR	Dudu	PALLUKHURD	Dug	0.75	75.3	26.74	354	19.25	10.42	6.28	8.39	8.49	-3.57	-0.18	-3.26	-2.54
W264730075090001	JAIPUR	Dudu	SIROHIKHURD	Dug	1.04	75.15	26.79	372	10.5	0.00	0.00	4.78	5.12	0.00	0.00	-0.31	-0.16
W271810075370001	JAIPUR	Govindgarh	DHODSAR	PZ	1	75.62	27.3	466	79	37.51	35.87	36.48	37.97	10.31	11.76	10.37	11.23
W271332075314701	JAIPUR	Govindgarh	Hastera1	PZ	1	75.53	27.23	436	60	18.40	20.33	19.43	20.27	9.12	7.29	8.47	7.27
W271110075402501	JAIPUR	Govindgarh	Kaladera2	PZ	1	75.67	27.19	463	70	35.11	35.31	38.59	38.31	16.23	15.79	12.66	14.59
W272000075425001	JAIPUR	Govindgarh	Khejroll-Pz	PZ	1	75.71	27.33	486	87.6	0.00	0.00	54.75	61.05	0.00	0.00	7.37	1.20
W271731075462401	JAIPUR	Govindgarh	TIGARIA	PZ	1	75.77	27.29	490	90	43.07	41.37	41.60	42.95	15.45	17.16	13.43	17.65
W271100076040001	JAIPUR	Jamwa Ramgarh	DATAL GURJAN	PZ	1	76.07	27.18	429	57	25.12	25.01	25.97	25.95	3.58	1.05	1.42	2.45
W270130076003001	JAIPUR	Jamwa Ramgarh	HASTAL KA BAS	Dug	1.21	76.01	27.03	549	23	0.00	0.00	19.11	0.00	0.00	0.00	-1.01	0.00
W270010075583001	JAIPUR	Jamwa Ramgarh	MALAWALA	PZ	0.9	75.98	27	392	56	44.82	44.64	45.34	45.75	1.54	1.72	-3.06	-3.45
W270700076121801	JAIPUR	Jamwa Ramgarh	RASALA	Dug	0.23	76.21	27.12	367	20.07	0.00	0.00	11.49	12.27	0.00	0.00	4.89	0.70
W265900075520001	JAIPUR	Jhotwara	AMBER	Dug	1.1	75.87	26.98	396	13.75	11.68	9.41	10.34	10.22	-0.32	-1.71	0.84	0.95
W265030075472001	JAIPUR	Jhotwara	DURGAPURA	PZ	1	75.79	26.84	388	100	53.94	52.87	54.09	54.42	5.53	2.98	3.51	6.33
W265225075491101	JAIPUR	Jhotwara	Gwd Campus	PZ	1	75.82	26.87	438	112	0.00	0.00	0.00	54.27	0.00	0.00	0.00	-1.10
W265636075444001	JAIPUR	Jhotwara	JHOTWARA1	PZ	0.6	75.74	26.94	442	85.04	65.18	65.24	66.15	66.68	3.79	4.66	3.05	2.68
W265830075360001	JAIPUR	Jhotwara	KALWAD	PZ	0.9	75.6	26.98	401	100	38.94	37.78	39.16	38.90	5.96	6.92	5.05	3.65
W265110075460001	JAIPUR	Jhotwara	MANSAROVAR	PZ	1	75.77	26.85	396	100	41.41	41.50	42.20	41.43	-7.41	-7.90	-9.25	-8.89
W265112075460001	JAIPUR	Jhotwara	Mansarovar Cgwb	PZ	1	75.77	26.85	396	79	41.04	41.08	40.62	40.03	-6.04	-4.90	-5.72	-4.88
W265600075464501	JAIPUR	Jhotwara	MES JAIPUR	PZ	1	75.78	26.93	439	67.8	48.05	48.61	46.69	46.89	-5.07	-8.61	-8.59	-7.98
W270300075450002	JAIPUR	Jhotwara	N.PUROHITAN	PZ	1	75.75	27.05	469	81	40.39	40.56	41.48	42.17	7.81	7.69	6.42	7.08
W265800075430001	JAIPUR	Jhotwara	Niwaroo	PZ	1	75.72	26.97	444	100	0.00	0.00	52.79	52.81	0.00	0.00	10.34	11.29
W265245075464001	JAIPUR	Jhotwara	SURYANAGAR	PZ	1.2	75.78	26.88	412	77.96	40.19	39.13	39.34	39.87	2.94	5.04	3.66	10.08
W273809076071901	JAIPUR	Kotputli	Raghunathpura_Pz	PZ	1	76.12	27.64	376	68.57	0.00	0.00	0.00	42.75	0.00	0.00	0.00	2.23

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W263720075364901	JAIPUR	Phagi	Bhojpur	Dug	1	75.61	26.62	308	13.2	0.00	0.00	0.00	2.40	0.00	0.00	0.00	-1.10
W263402075451501	JAIPUR	Phagi	DAWACH	Dug	0.2	75.75	26.57	299	16	9.87	8.48	9.97	10.59	2.73	3.59	2.93	-2.99
W263400075460001	JAIPUR	Phagi	DAWACH1	PZ	1	75.77	26.57	293	150	10.29	9.84	8.74	10.40	0.91	1.26	3.36	-1.20
W265913075301301	JAIPUR	Sambher	Bassi Nagal	PZ	1	75.5	26.99	406	72	53.65	53.97	54.40	56.13	13.35	13.29	13.70	13.62
W265800075220001	JAIPUR	Sambher	Jobner	PZ	1	75.37	26.97	398	100	30.89	29.02	29.41	28.01	-6.37	-4.90	-6.21	-5.01
W270954075212601	JAIPUR	Sambher	Mohanpur Balaji	PZ	1	75.36	27.17	411	74	52.54	54.66	54.34	54.83	8.56	6.46	7.21	4.22
W264749075345001	JAIPUR	Sanganer	Chirota	PZ	1	75.58	26.8	352	30.5	19.23	15.63	16.34	15.85	-1.33	1.17	-0.93	1.75
W264202075410001	JAIPUR	Sanganer	Majhi Renwal	Dug	1.3	75.68	26.7	331	32	27.39	19.90	27.75	28.70	-5.49	1.35	-4.50	-2.80
W264800075400002	JAIPUR	Sanganer	MOHANA	PZ	1	75.67	26.8	366	63.01	44.31	40.28	39.36	43.98	10.21	14.52	8.54	0.92
W264320075421001	JAIPUR	Sanganer	TILAWALA	PZ	0.89	75.7	26.72	341	40	33.92	34.30	35.63	32.89	1.01	2.18	-1.01	3.32
W271545071424501	JAISALMER	Jaisalmer	AJASAR	Dug	1.1	71.71	27.26	201	53	0.00	0.00	0.00	49.13	0.00	0.00	0.00	2.77
W273100071500001	JAISALMER	Jaisalmer	AWAI	Dug	1.1	71.83	27.52	153	9	6.81	6.45	6.80	6.59	-0.91	-0.65	-1.00	-0.79
W270200070540002	JAISALMER	Jaisalmer	BAISHAKHI	PZ	1	70.9	27.03	162	59	22.22	21.07	22.10	21.78	0.52	0.78	0.65	1.12
W272900071470001	JAISALMER	Jaisalmer	BHADRIAS	Dug	1.4	71.78	27.48	159	18.1	8.68	8.67	8.87	8.50	0.32	0.17	0.05	0.35
W271630070583001	JAISALMER	Jaisalmer	BOA	Dug	1.05	70.98	27.28	156	56.95	57.05	57.85	51.03	56.73	-7.95	-8.60	-2.98	-7.68
W273845072073001	JAISALMER	Jaisalmer	BORANA	PZ	1	72.13	27.65	168	200	28.21	27.31	27.48	26.23	2.76	3.59	3.00	10.27
W265930071180001	JAISALMER	Jaisalmer	CHANDAN	PZ	0.96	71.3	26.99	186	154.5	46.58	0.00	48.38	46.66	2.27	0.00	1.06	2.98
W270600070550002	JAISALMER	Jaisalmer	CHODHARIYA	PZ	1	70.92	27.1	169	200	23.15	20.84	22.25	23.54	0.95	3.16	1.05	-0.34
W271300071000001	JAISALMER	Jaisalmer	DEVA	Dug	1.42	71	27.22	147	30.88	0.00	0.00	0.00	30.30	0.00	0.00	0.00	-0.84
W265415071213001	JAISALMER	Jaisalmer	DHAISAR	Dug	0.95	71.36	26.9	217	63.75	0.00	0.00	61.08	61.01	0.00	0.00	1.18	1.55
W270000071000001	JAISALMER	Jaisalmer	HAMIRA	Dug	1.75	71	27	203	48.25	41.97	41.21	42.31	42.27	0.18	0.90	-0.58	0.18
W265630070543501	JAISALMER	Jaisalmer	JAISALMER	Dug	0.22	70.91	26.94	241	61.68	37.74	37.73	37.57	37.66	-1.91	-2.15	-1.99	-2.08
W270440070483001	JAISALMER	Jaisalmer	LANELA	PZ	0.7	70.81	27.08	165	204	36.58	36.82	36.73	36.90	0.19	0.12	0.27	0.10
W273000071310001	JAISALMER	Jaisalmer	LATHI	PZ	1.3	71.52	27.5	154	200	47.35	46.91	48.56	47.31	4.15	3.44	1.34	3.39
W265445070500601	JAISALMER	Jaisalmer	MOOLSAGAR	Dug	1.5	70.84	26.91	235	20.5	14.83	15.00	14.55	14.59	-0.53	-1.72	0.35	0.41
W265400070503001	JAISALMER	Jaisalmer	Moolsagar_Pz	PZ	0	70.84	26.9	258	200	70.16	70.10	69.89	70.84	1.73	-9.22	1.29	0.44
W273100071431501	JAISALMER	Jaisalmer	NACHNA	Dug	1.8	71.72	27.52	141	17.2	10.22	9.96	9.75	10.23	-2.52	-2.26	-1.25	-1.73
W273645072020001	JAISALMER	Jaisalmer	NEWETA	Dug	1.15	72.03	27.61	169	31.13	0.00	21.22	21.21	21.00	0.00	0.68	0.99	1.95
W265900071140001	JAISALMER	Jaisalmer	SANWALA	Dug	1.25	71.23	26.98	188	37.35	32.60	32.81	33.89	32.70	0.15	0.09	-1.19	0.15
W270000071270001	JAISALMER	Jaisalmer	SODAKAR	PZ	0	71.45	27	208	241.4	51.36	52.04	51.89	52.14	1.11	3.16	1.99	1.57
W272910070160502	JAISALMER	Sam	GAMANNEWALA	PZ	0.76	70.27	27.49	112	142.5	61.70	60.31	61.92	60.52	0.04	4.88	3.42	5.12
W274600070260001	JAISALMER	Sam	GHANTIYALI	Dug	0	70.43	27.77	104	71.59	41.17	37.01	36.19	36.93	-2.08	0.03	0.33	-0.74
W271900070021501	JAISALMER	Sam	GOTARU	Dug	0.85	70.04	27.32	85	69.15	37.69	39.34	35.33	38.14	-1.64	-3.26	0.87	-2.29
W271035070333001	JAISALMER	Sam	HABOOR	Dug	0.65	70.56	27.18	208	106	107.11	105.88	105.24	102.16	-1.76	-0.53	-1.57	3.19
W274300070193001	JAISALMER	Sam	Khariakua	PZ	0	70.33	27.72	108	200	36.42	34.72	33.01	35.90	-1.17	0.78	2.09	-0.80
W263600070420001	JAISALMER	Sam	KHURI	Dug	1.9	70.7	26.6	217	16.7	9.42	8.97	7.82	8.89	-1.02	-0.87	0.83	-0.09
W270850070253001	JAISALMER	Sam	KHUYIALA	Dug	0.3	70.43	27.15	181	22	15.47	14.76	14.77	15.27	4.43	5.02	6.03	5.83
W270422070332501	JAISALMER	Sam	KUCHERI	Dug	0	70.56	27.07	207	106.52	105.13	104.12	0.00	103.19	-1.13	-0.14	0.00	0.99
W274930070293001	JAISALMER	Sam	KURIA	PZ	0	70.49	27.83	122	121.5	0.00	0.00	34.91	34.89	0.00	0.00	-0.26	-0.19
W264330071255701	JAISALMER	Sam	LAKHASAR	Dug	0.7	71.43	26.73	291	45.09	40.29	39.84	40.69	39.99	-1.29	-0.74	-1.89	-4.69
W273130070094402	JAISALMER	Sam	LONGEWALA1	PZ	0	70.16	27.53	100	116.4	48.41	47.73	50.68	47.64	-0.71	0.04	-2.98	0.07
W261500070220002	JAISALMER	Sam	Maizalar	PZ	0.95	70.37	26.25	112	200	63.83	64.81	64.40	60.73	5.22	4.24	8.35	10.62
W272914070212301	JAISALMER	Sam	Mayathiwala	Dug	0	70.36	27.49	116	70	65.20	64.90	65.20	64.50	-0.10	0.20	-0.10	1.10
W274840070245501	JAISALMER	Sam	NATHU KA BERA	PZ	1	70.42	27.81	99	75	0.00	0.00	0.00	31.34	0.00	0.00	0.00	0.56
W262300070190001	JAISALMER	Sam	PHULIA	Dug	0.8	70.32	26.38	111	78.51	66.11	61.80	0.00	0.00	6.30	11.91	0.00	0.00
W262324070281801	JAISALMER	Sam	Phulia1	PZ	0	70.47	26.39	137	200	70.24	0.00	76.07	73.86	3.26	0.00	-3.07	-2.66
W272130070300001	JAISALMER	Sam	Ramgarh2	PZ	1	70.5	27.36	148	200	11.26	4.58	6.95	9.56	-5.26	-0.37	-2.03	-4.76
W273536070270001	JAISALMER	Sam	Ranau	PZ	0	70.45	27.59	129	102	57.43	0.00	58.04	54.00	4.07	0.00	6.54	7.25
W273805070144001	JAISALMER	Sam	SADEWALA	Dug	1.2	70.24	27.63	118	44.8	41.52	41.32	41.58	41.68	-0.62	-0.22	-0.38	-0.68
W264930070301001	JAISALMER	Sam	SAM1	Dug	0	70.5	26.83	176	29.7	8.99	6.96	6.32	6.56	-0.69	1.46	2.60	3.14
W271424070390001	JAISALMER	Sam	Sanu1	PZ	0	70.65	27.24	214	195	110.97	110.07	106.62	109.35	-4.48	-3.60	-0.51	-3.08
W264300071183001	JAISALMER	Sam	SANWATA	Dug	0	71.31	26.72	278	53.25	32.18	32.34	32.14	32.63	-0.38	-0.89	0.01	-1.18
W274800070220001	JAISALMER	Sam	TANOT	Dug	1.22	70.37	27.8	112	43.88	32.42	31.96	29.74	31.03	1.66	-1.08	0.44	-0.45
W262920071483001	JAISALMER	Sankra	BALAR	Dug	1.53	71.81	26.49	234	27.45	16.17	0.00	15.06	15.29	-3.65	0.00	-2.19	-2.22

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W263750071293001	JAISALMER	Sankra	BHAINSARA	Dug	1.33	71.49	26.63	310	30.25	21.89	20.65	21.13	20.80	1.38	2.67	1.44	2.97
W265830071451001	JAISALMER	Sankra	CHACHA	Dug	1.09	71.75	26.98	225	26.06	13.29	14.27	13.10	13.37	0.42	-0.66	0.81	0.69
W265706071560001	JAISALMER	Sankra	Gomath	PZ	0.23	71.93	26.95	256	200	45.01	45.32	44.77	46.58	5.21	5.18	5.70	3.99
W264545071361501	JAISALMER	Sankra	GUDI KA TALA	Dug	1.05	71.6	26.76	285	12.95	6.46	4.93	5.05	5.20	-1.81	-0.42	-1.30	-1.10
W264820071541501	JAISALMER	Sankra	KALEWA	Dug	1	71.9	26.81	240	35	22.09	18.82	16.42	17.63	0.51	3.43	6.13	1.07
W265220072020001	JAISALMER	Sankra	LAWAN	Dug	1.2	72.03	26.87	245	40	18.94	17.50	17.85	16.93	2.76	1.25	-0.95	-0.13
W270900071460001	JAISALMER	Sankra	LOHARKI	Dug	1.46	71.77	27.15	231	80	0.00	0.00	67.68	67.72	0.00	0.00	0.08	0.22
W264045071341501	JAISALMER	Sankra	LUNA KALAN	Dug	1.2	71.57	26.68	299	21.8	11.96	11.29	11.10	11.62	0.84	-0.03	0.40	-0.22
W264445071301501	JAISALMER	Sankra	MADASAR	Dug	1.3	71.5	26.75	285	23.7	11.05	8.75	8.86	9.84	-1.85	2.62	2.64	-1.24
W262350071554001	JAISALMER	Sankra	PHALSUND	Dug	1.31	71.93	26.4	205	7.68	6.23	4.99	5.16	5.49	0.07	1.20	-0.67	-1.40
W263330071300001	JAISALMER	Sankra	RAJGARH1	Dug	0.1	71.5	26.56	308	27	20.14	10.08	10.83	11.39	-1.34	-6.88	-2.13	-1.74
W270500071330001	JAISALMER	Sankra	SRIBHADRIA	Dug	1.35	71.55	27.08	196	46.65	40.67	40.32	40.33	40.81	-0.52	-0.09	-0.08	-0.46
W252025072521501	JALORE	Ahore	Gudha Balotan	PZ	0	72.87	25.34	202	85	45.75	46.90	45.00	47.40	2.85	0.55	0.96	-2.00
W252300072530001	JALORE	Ahore	NIMLA	Dug	0.8	72.88	25.38	195	22	16.84	13.86	18.56	15.73	3.46	-0.16	-8.56	-5.23
W250045072154501	JALORE	Bhinmal	BHINMAL1	Dug	0	72.26	25.01	145	17.95	5.32	4.10	4.14	3.96	-2.27	-0.90	-1.64	-1.31
W245800072130002	JALORE	Bhinmal	DHANWARA	PZ	0.65	72.22	24.97	152	70	48.28	47.76	47.55	49.68	0.32	-7.91	-10.31	-11.81
W252000072000001	JALORE	Bhinmal	KHOKAGAON	PZ	1	72	25.33	78	125	33.84	32.43	34.17	0.00	6.21	7.47	6.83	0.00
W245630071243001	JALORE	Chitalwana	DOONGRI	Dug	1.02	71.41	24.94	37	26	23.99	23.98	23.79	23.92	-1.11	-0.80	0.25	0.26
W245928071364101	JALORE	Chitalwana	Halivav	PZ	1	71.61	24.99	31	112	2.62	1.20	1.45	1.70	-0.82	0.10	0.25	0.15
W245423071443101	JALORE	Chitalwana	Sewada	PZ	1	71.74	24.91	40	130	6.10	5.90	5.90	5.50	-0.20	1.90	0.12	0.41
W251100072360002	JALORE	Jalore	BAGRA1	PZ	0	72.6	25.18	162	94.4	38.03	0.00	34.01	0.00	9.78	0.00	10.30	0.00
W251643072354501	JALORE	Jalore	Bhagil	PZ	0.6	72.6	25.28	191	79	55.15	50.15	53.83	56.75	-5.90	-1.25	-5.23	-7.70
W252000072370001	JALORE	Jalore	JALORE1	Dug	1.09	72.62	25.33	572	22.16	0.00	0.00	0.00	18.12	0.00	0.00	0.00	2.95
W245830072360001	JALORE	Jaswantpura	PUNAK KALAN	Dug	0.96	72.6	24.98	225	15.04	5.80	4.47	4.53	5.11	-1.06	-0.58	-0.89	-1.02
W250300072330001	JALORE	Jaswantpura	RAMSEEN	Dug	1.35	72.55	25.05	193	18.96	7.12	5.84	5.02	5.81	0.28	2.21	0.91	0.26
W251141072255101	JALORE	Jaswantpura	Serena	PZ	0	72.43	25.19	132	113.5	67.63	60.70	64.60	68.21	-1.15	2.10	-1.50	-1.61
W245624072151801	JALORE	Raniwara	Alri	PZ	1	72.26	24.94	168	27.4	0.00	0.00	12.90	12.70	0.00	0.00	0.59	0.62
W244543072070101	JALORE	Raniwara	Hirpura	PZ	1	72.12	24.76	192	66	0.00	0.00	43.64	52.65	0.00	0.00	9.85	7.82
W245300072180001	JALORE	Raniwara	Kagmala(kundanpura)	PZ	0.65	72.3	24.88	210	100	27.53	25.13	23.46	23.92	-5.78	-4.48	-1.41	-0.50
W244234072063401	JALORE	Raniwara	Matriwara	PZ	0	72.11	24.71	170	130	0.00	0.00	59.95	59.80	0.00	0.00	0.17	0.50
W244554072011901	JALORE	Raniwara	Sewara Pz	PZ	0	72.02	24.77	140	116	0.00	0.00	47.70	0.00	0.00	0.00	1.45	0.00
W244508071494301	JALORE	Sanchore	Hadetar	PZ	1	71.83	24.75	66	155	0.00	0.00	30.67	31.72	0.00	0.00	1.03	0.33
W244824071475601	JALORE	Sanchore	Karola	PZ	1	71.8	24.81	50	121	0.00	0.00	13.62	13.02	0.00	0.00	-0.15	0.57
W244649071562101	JALORE	Sanchore	Sarnau Pz	PZ	0	71.94	24.78	100	120	0.00	0.00	56.68	0.00	0.00	0.00	-2.06	0.00
W241615076301501	JHALAWAR	Bakani	ASALPUR	Dug	0.15	76.5	24.27	350	12.85	11.08	5.65	8.35	9.85	-1.08	-2.90	-1.60	-1.34
W235656075500501	JHALAWAR	Dag	DAG1	Dug	0	75.83	23.95	486	20	0.00	7.63	10.74	0.00	0.00	-6.10	-7.56	0.00
W235600075370001	JHALAWAR	Dag	GANGDHAR	Dug	0.5	75.62	23.93	420	17	12.19	8.97	9.28	10.00	1.26	-0.67	-0.63	-4.07
W240550075520001	JHALAWAR	Dag	GAURADIYA KALAN	Dug	0.77	75.87	24.1	408	10.41	9.26	4.87	6.07	7.52	-0.98	0.56	-0.44	-1.29
W240015075530001	JHALAWAR	Dag	GUNAVI	Dug	0.25	75.88	24	473	16.53	12.77	4.25	6.95	11.14	-1.04	-0.70	-2.55	-3.39
W235710075431201	JHALAWAR	Dag	GWALAT	Dug	0.6	75.72	23.95	457	9.2	7.94	1.11	3.22	5.09	-0.73	-0.61	0.08	2.91
W241040075500001	JHALAWAR	Dag	KARVAN KALA	Dug	0.48	75.83	24.18	388	16.39	13.95	6.39	9.03	12.14	-1.08	-3.17	-5.11	-2.96
W242915076181001	JHALAWAR	Jhalara Patan	AKTASA	Dug	2.01	76.3	24.49	322	11.2	7.99	2.85	4.12	6.09	0.22	-2.36	2.17	0.80
W242630075545501	JHALAWAR	Jhalara Patan	ANVLKALAN	Dug	0.66	75.92	24.44	365	14.84	10.07	8.19	7.80	8.25	-3.44	-4.65	-1.36	-1.80
W242500076110001	JHALAWAR	Jhalara Patan	BINDA	Dug	1	76.18	24.42	338	15	10.87	3.59	5.08	0.00	1.25	-0.82	2.59	0.00
W242600076223001	JHALAWAR	Jhalara Patan	DOONGARGAON	Dug	1.22	76.38	24.43	350	10	6.28	2.06	5.00	5.51	-0.29	-1.58	-1.57	-2.63
W243400076100001	JHALAWAR	Jhalara Patan	GAGRON	Dug	0.82	76.17	24.57	308	20.94	12.65	3.65	5.82	8.48	0.65	-2.27	-0.34	-0.80
W242900075583001	JHALAWAR	Jhalara Patan	GANESH PURA	Dug	0.88	75.98	24.48	348	11.89	13.68	7.45	8.02	9.40	-3.36	-5.03	-4.45	-2.86
W242200075494001	JHALAWAR	Jhalara Patan	GURARIYA JOGA	Dug	0.53	75.83	24.37	383	16	0.00	9.62	10.75	13.62	0.00	-7.05	-0.38	-4.04
W243500076090001	JHALAWAR	Jhalara Patan	JHALAWAR	Dug	0.83	76.15	24.58	323	24.39	15.80	4.20	8.95	10.82	-1.13	-0.73	-4.23	-3.19
W243200076090001	JHALAWAR	Jhalara Patan	JHALRAPATAN	Dug	0	76.15	24.53	322	9.84	5.94	0.00	4.70	5.58	2.92	0.00	0.51	1.80
W243400076153001	JHALAWAR	Jhalara Patan	MANDAWAR1	Dug	0.75	76.26	24.57	335	13.39	9.46	0.50	1.69	3.92	-1.80	0.25	0.16	1.44
W241630075503001	JHALAWAR	Jhalara Patan	MISHROLI	Dug	0.39	75.84	24.28	408	13.61	9.11	2.50	3.81	6.01	-0.90	-2.44	-1.40	-2.28
W242800076120001	JHALAWAR	Jhalara Patan	Nahardi	Dug	0.75	76.2	24.47	319	8	6.31	2.55	4.14	6.43	0.05	-1.20	-1.09	-1.07
W244400076240001	JHALAWAR	Khanpur	Khanpur1	PZ	0	76.4	24.73	290	150	14.43	6.16	8.95	0.00	-7.44	-3.56	-2.25	0.00

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from				
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17	
W242445076334001	JHALAWAR	Manohar Thana	AKLERA	Dug	0.6	76.56	24.41	326	10	8.17	2.44	4.15	5.58	1.08	-0.34	0.46	-0.07	
W241938076451001	JHALAWAR	Manohar Thana	GAJWARA	Dug	0.97	76.75	24.33	330	20	13.31	4.28	9.24	10.86	-3.28	-4.15	-3.31	-3.32	
W241615076435001	JHALAWAR	Manohar Thana	JHIRI	Dug	0.75	76.73	24.27	351	8	6.78	0.99	2.63	4.72	-1.35	-0.34	0.72	0.94	
W241400076483001	JHALAWAR	Manohar Thana	MANOHAR THANA1	Dug	1.14	76.81	24.23	341	17.11	14.34	12.88	12.22	14.00	0.63	-1.82	0.29	-0.58	
W242100076402001	JHALAWAR	Manohar Thana	SAREDI	Dug	1.54	76.67	24.35	312	18	13.94	9.53	11.15	11.39	-3.48	-9.47	-1.39	-1.05	
W242030075593001	JHALAWAR	Pirawa	JASWANTPURA1	Dug	1	75.99	24.34	355	20	0.00	11.24	13.16	17.74	0.00	-9.14	-6.36	-11.59	
W281200075104001	JHUNJHUNU	Alsisar	Birmi	PZ	1	75.18	28.2	307	100	40.55	39.71	38.38	39.60	0.15	0.67	2.07	1.20	
W280950075153001	JHUNJHUNU	Alsisar	CHURELA	PZ	0	75.26	28.16	320	100.18	44.48	43.66	43.81	44.00	6.68	2.83	2.86	3.05	
W281115075312001	JHUNJHUNU	Chirawa	Khudana	PZ	1	75.52	28.19	327	94.5	61.64	62.54	63.67	63.78	15.86	11.85	5.87	6.52	
W281845075263001	JHUNJHUNU	Chirawa	MANDRELA	PZ	0.75	75.44	28.31	296	79.15	52.48	52.76	53.36	53.52	7.37	4.20	3.24	3.88	
W281425075380001	JHUNJHUNU	Chirawa	Shivpura1	PZ	1	75.63	28.24	316	93	73.72	74.87	74.46	82.80	9.33	6.47	4.07	-3.65	
W280330075155501	JHUNJHUNU	Jhunjunun	JAISINGHPURA	PZ	1.75	75.27	28.06	342	96.8	46.29	46.10	45.88	46.16	2.96	2.62	3.04	3.59	
W280700075232001	JHUNJHUNU	Jhunjunun	JHUNJHUNU	PZ	0.65	75.39	28.12	354	90	0.00	0.00	0.00	62.69	0.00	0.00	0.00	26.66	
W281030075271501	JHUNJHUNU	Jhunjunun	Math	PZ	0	75.45	28.18	316	97.3	48.75	48.63	42.50	49.39	2.55	2.96	8.98	2.71	
W280245075190002	JHUNJHUNU	Nawalgarh	DIGHAL	PZ	0.63	75.32	28.05	345	68.65	51.00	51.29	51.65	51.39	4.57	2.85	2.71	3.43	
W275945075163001	JHUNJHUNU	Nawalgarh	MANDASI SANDASI	PZ	0.9	75.28	28	357	110.14	51.73	52.71	52.72	53.11	7.37	4.67	4.92	4.69	
W275715075130001	JHUNJHUNU	Nawalgarh	MUKUNGDGARH	PZ	1	75.22	27.95	356	86.2	48.95	48.77	49.08	49.28	2.75	1.54	3.22	3.92	
W275103075152101	JHUNJHUNU	Nawalgarh	Nawalgarh_Pz	PZ	1	75.26	27.85	388	109.7	70.02	0.00	0.00	0.00	1.28	0.00	0.00	0.00	
W281810075373001	JHUNJHUNU	Surajgarh	Devroad	PZ	0	75.63	28.3	305	93	68.44	68.70	69.11	68.72	13.76	8.99	9.42	10.68	
W282423075422801	JHUNJHUNU	Surajgarh	Dulania1	PZ	0	75.71	28.41	279	101	70.60	69.36	70.24	69.77	7.50	9.23	8.72	9.68	
W281300075405001	JHUNJHUNU	Surajgarh	Lakhu	PZ	1	75.68	28.22	313	98	64.08	65.56	65.23	67.19	11.12	14.08	12.25	10.96	
W282800075413001	JHUNJHUNU	Surajgarh	Likua	PZ	0	75.69	28.47	268	107.7	66.70	0.00	0.00	0.00	9.40	0.00	0.00	0.00	
W282345075400001	JHUNJHUNU	Surajgarh	Morwa	PZ	0	75.67	28.4	284	101.7	71.81	71.72	71.78	71.46	8.59	9.29	9.86	10.84	
W282230075371001	JHUNJHUNU	Surajgarh	PILANI	PZ	1.74	75.62	28.38	290	90	0.00	0.00	0.00	66.30	0.00	0.00	0.00	21.96	
W282300075440001	JHUNJHUNU	Surajgarh	PIPLI	PZ	0.9	75.73	28.38	285	106	65.55	65.83	66.03	68.92	28.35	30.77	31.08	29.25	
W280130075303601	JHUNJHUNU	Udaipurwati	BADAGAON	PZ	1.1	75.51	28.03	360	107.3	42.24	0.00	42.78	42.47	8.16	0.00	7.66	7.80	
W280000075320001	JHUNJHUNU	Udaipurwati	Sithal	PZ	1.2	75.53	28	359	83.37	51.70	0.00	0.00	50.66	2.65	0.00	0.00	-0.19	
W262300072294501	JODHPUR	Balesar	BALESAR	Dug	0	72.5	26.38	235	17.67	20.39	22.55	0.00	0.00	-10.63	-16.94	0.00	0.00	
W262300072300001	JODHPUR	Balesar	BALESAR_Pz	PZ	0	72.5	26.38	235	184.8	7.00	4.75	7.50	7.50	2.15	0.25	-1.05	-2.80	
W262352072260001	JODHPUR	Balesar	Dhirpura_Pz	PZ	0	72.43	26.4	292	181.75	39.74	39.93	40.38	40.65	3.46	3.67	3.37	3.35	
W272200072210001	JODHPUR	Bap	BAP1	Dug	0	72.35	27.37	190	27.4	3.38	2.69	2.85	2.85	-0.98	-0.29	1.13	0.95	
W272030072191001	JODHPUR	Bap	BARI DHANI	Dug	1.5	72.32	27.34	192	38.5	10.50	10.38	9.89	11.09	-1.00	-0.94	-0.69	-1.19	
W272915072283001	JODHPUR	Bap	KANGIK SIRDI	Dug	1.22	72.48	27.49	186	36	0.00	0.00	0.00	32.32	28.28	0.00	0.00	1.21	6.50
W263036073124301	JODHPUR	Bawari	Gangani	PZ	0	73.21	26.51	239	160	0.00	6.30	6.54	6.16	0.00	0.40	0.36	-0.76	
W264630073200001	JODHPUR	Bawari	Palari	PZ	0.55	73.33	26.78	311	100	38.50	38.45	39.87	39.07	2.95	3.00	-7.42	13.88	
W263400073004201	JODHPUR	Bawari	Umaidnagar	PZ	0	73.01	26.57	251	203	0.00	84.60	0.00	0.00	0.00	2.90	0.00	0.00	
W264436073374801	JODHPUR	Bhopalgarh	Darmi	PZ	0	73.63	26.74	317	70	62.57	0.00	0.00	0.00	-2.72	0.00	0.00	0.00	
W263037073224001	JODHPUR	Bhopalgarh	DEVATRA	Dug	2.4	73.38	26.51	260	28	23.84	19.48	21.14	23.02	-3.54	-5.68	-3.34	-0.27	
W264415073383001	JODHPUR	Bhopalgarh	DHARMI	Dug	2.49	73.64	26.74	324	70	61.04	0.00	62.04	57.91	-3.18	0.00	-4.25	1.20	
W264415073321501	JODHPUR	Bhopalgarh	KUMBHARIYA	Dug	0	73.54	26.74	310	36.3	0.00	0.00	26.30	0.00	0.00	0.00	-1.00	0.00	
W262210073204501	JODHPUR	Bhopalgarh	RAMRAWAS	Dug	1.59	73.35	26.37	247	95.41	17.03	16.68	16.52	16.76	0.48	-1.77	4.19	-0.75	
W261900073251501	JODHPUR	Bilara	BENAN	Dug	1.19	73.42	26.32	240	20	0.00	16.79	17.22	18.72	0.00	-3.88	-3.21	-1.26	
W261310073373001	JODHPUR	Bilara	BHAWI	Dug	0.36	73.63	26.22	260	19.91	11.53	7.51	8.99	7.67	0.11	1.38	-6.45	-4.23	
W260628073104501	JODHPUR	Bilara	Bhawi	PZ	0.36	73.18	26.11	202	197	11.53	7.51	8.99	7.67	0.11	1.38	-6.45	-4.23	
W261450073330001	JODHPUR	Bilara	KAPARDA	Dug	0.4	73.55	26.25	260	29.38	0.00	0.00	0.00	10.18	0.00	0.00	0.00	-2.63	
W261706073273001	JODHPUR	Bilara	Olvi	PZ	1	73.46	26.29	239	203	31.83	0.00	0.00	0.00	3.57	0.00	0.00	0.00	
W261304073185001	JODHPUR	Luni	Bisalpur	PZ	0.5	73.31	26.22	218	203	6.10	6.22	4.60	5.50	1.45	0.03	2.30	-1.85	
W261330072543001	JODHPUR	Luni	BUJAWAR	Dug	0.66	72.91	26.23	248	27.68	23.89	22.30	20.80	22.74	-3.05	-9.61	-4.26	-5.20	
W260330072443001	JODHPUR	Luni	DHAWA	Dug	2.6	72.74	26.06	163	35	20.04	19.56	19.58	19.46	-9.54	-10.76	-10.88	-11.26	
W260530072500001	JODHPUR	Luni	JATYASANI	Dug	0	72.83	26.09	173	22	21.56	20.93	20.98	21.57	-2.36	-4.63	-2.48	-3.07	
W260930072494501	JODHPUR	Luni	KHUDALA	Dug	1.4	72.83	26.16	183	35	30.70	30.41	30.17	29.24	-2.20	-1.91	-0.57	0.06	
W261120073023001	JODHPUR	Luni	KURI1	PZ	0	73.04	26.19	195	90	4.18	3.78	5.00	5.73	0.77	-0.53	-1.25	-1.83	
W260000073011501	JODHPUR	Luni	Luni	PZ	0	73.02	26	176	111.6	2.50	2.43	2.68	2.75	1.00	-1.23	-1.38	-1.05	
W260700072580001	JODHPUR	Luni	MOGRA	Dug	1.53	72.97	26.12	188	18.48	0.00	0.00	8.53	8.86	0.00	0.00	-0.26	0.19	



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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W260915072561501	JODHPUR	Luni	NARNADI	PZ	0.9	72.94	26.15	191	73.65	37.53	0.00	39.06	39.79	9.52	0.00	0.34	0.36
W261140072463001	JODHPUR	Luni	RARON KI DHANI	Dug	1.5	72.78	26.19	177	42	34.52	34.86	34.17	34.49	-0.12	-0.46	0.23	-0.04
W260650073145001	JODHPUR	Luni	SAJARA	PZ	0.85	73.25	26.11	209	18	4.83	4.33	4.32	4.54	0.07	-2.58	-2.17	-2.19
W261347073014701	JODHPUR	Mandore	AFRI(Jodhpur)	PZ	0	73.03	26.23	216	56	16.87	14.74	16.81	16.63	0.53	3.17	0.34	-0.08
W261945072433001	JODHPUR	Mandore	BAMBORE	Dug	0	72.73	26.33	194	16	14.35	14.71	14.92	14.30	0.25	-0.71	-0.32	0.00
W261600073000001	JODHPUR	Mandore	CAZRI	PZ	0.61	73	26.27	242	75.5	30.99	30.28	29.42	29.21	-4.80	-4.12	-3.73	-4.29
W261919072575901	JODHPUR	Mandore	CAZRI(Barali)	PZ	0	72.97	26.32	282	206.15	22.70	19.08	19.94	20.51	-0.20	-2.18	-2.34	-0.31
W261630072560001	JODHPUR	Mandore	CHOPASNI NATH	Dug	0	72.93	26.28	251	16.8	6.42	5.11	5.18	5.31	0.43	-0.26	-1.73	-1.56
W261600073170001	JODHPUR	Mandore	DANGIWAS	Dug	1.58	73.28	26.27	225	23.25	11.41	0.00	10.50	10.84	-0.09	0.00	-2.33	-0.47
W261800073020001	JODHPUR	Mandore	JODHPUR	Dug	1.61	73.03	26.3	257	42.99	7.62	7.33	7.58	7.15	10.27	-1.39	-1.84	-1.46
W261620072493001	JODHPUR	Mandore	KARANI	Dug	1.85	72.83	26.27	213	65.15	44.75	43.62	44.88	43.98	5.70	3.93	6.98	3.97
W261840072500001	JODHPUR	Mandore	LORDI	Dug	1.5	72.83	26.31	226	39.8	0.00	0.00	0.00	29.79	0.00	0.00	0.00	8.51
W262100073023001	JODHPUR	Mandore	MANDORE1	Dug	0	73.04	26.35	245	35.54	14.67	13.42	10.54	11.80	-5.43	-7.08	-4.00	-5.16
W261440072543001	JODHPUR	Mandore	NARAN KI DHANI	Dug	2	72.91	26.24	256	60	0.00	0.00	0.00	40.88	0.00	0.00	0.00	2.50
W262504072553301	JODHPUR	Mandore	Narwa	PZ	0	72.93	26.42	249	203.1	41.75	41.70	41.72	41.58	-0.05	-7.00	-0.42	0.38
W261425072550701	JODHPUR	Mandore	Rajiv Nagar(Chaukha)	PZ	0.68	72.92	26.24	242	126	21.22	0.00	18.77	18.79	-3.50	0.00	-2.65	-1.97
W262447072495401	JODHPUR	Mandore	Salodi	PZ	1	72.83	26.41	237	200.05	19.13	19.24	19.26	18.10	0.03	-5.14	-5.96	-2.00
W264800072473701	JODHPUR	Osian	BHIMKAM KAUR	Dug	1.14	72.79	26.8	324	26	0.00	0.00	25.69	25.16	0.00	0.00	-1.53	-0.90
W264030072413001	JODHPUR	Osian	CHIRAI	Dug	1.4	72.69	26.68	262	32.82	0.00	0.00	0.00	5.35	0.00	0.00	0.00	26.07
W265612073033201	JODHPUR	Osian	KAPURIA	Dug	1.12	73.06	26.94	296	78.43	0.00	0.00	0.00	74.47	0.00	0.00	0.00	2.84
W264330072550002	JODHPUR	Osian	OSIAN2	Dug	0	72.92	26.73	339	39.21	24.22	0.00	15.87	18.96	-15.99	0.00	-7.66	-10.13
W270400072144501	JODHPUR	Phalodi	KALPAN	Dug	2.15	72.25	27.07	259	105	0.00	0.00	0.00	75.02	0.00	0.00	0.00	27.83
W265500072180002	JODHPUR	Phalodi	Kolu Pz	PZ	0	72.3	26.92	260	98	0.00	52.83	0.00	62.86	0.00	22.67	0.00	14.14
W270340072243001	JODHPUR	Phalodi	Lordiya	PZ	1	72.41	27.06	262	194	23.20	0.00	0.00	0.00	-2.20	0.00	0.00	0.00
W262100072190001	JODHPUR	Shergarh	Balesar-I	PZ	0	72.32	26.35	231	53.04	10.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W262000072120001	JODHPUR	Shergarh	KUMARO KI DHANI	Dug	1.75	72.2	26.33	217	44.05	35.72	35.65	34.85	35.18	1.03	0.90	2.20	1.97
W262140072171001	JODHPUR	Shergarh	Nahar Singh Nagar	PZ	1	72.29	26.36	249	100	47.95	42.53	41.95	0.00	-3.95	1.43	-0.15	0.00
W261945072180002	JODHPUR	Shergarh	SHERGARH1	PZ	0	72.3	26.33	244	144.87	43.12	43.60	43.50	43.59	0.42	-0.10	0.05	-0.69
W264135076553001	KARAULI	Hindaun	BADH KAMLA	Dug	1	76.93	26.69	240	14.9	9.76	8.13	8.84	9.81	0.96	1.07	3.07	2.16
W263830077001501	KARAULI	Hindaun	GURLA1	Dug	0.4	77	26.64	256	36.3	20.53	17.87	18.51	19.06	3.72	-2.37	0.19	-1.92
W264400077020001	KARAULI	Hindaun	Hindaun	Dug	1.1	77.03	26.73	229	11	4.28	1.20	1.33	0.00	-0.21	-0.45	0.02	0.00
W264200077010001	KARAULI	Hindaun	ISLAMPUR	Dug	0.5	77.02	26.7	240	10	9.41	6.87	7.39	7.97	-1.71	-4.27	-2.59	-3.59
W262248076553301	KARAULI	Karauli	Atewa	PZ	1	76.93	26.38	302	75	13.50	18.90	0.00	16.10	3.30	-9.68	0.00	-4.10
W263210077080001	KARAULI	Karauli	BHAUAPURA	Dug	1.04	77.13	26.54	301	16.26	12.09	9.44	9.20	10.55	-4.41	-8.73	-6.69	-7.84
W262730076550001	KARAULI	Karauli	BIJALPUR	Dug	1.62	76.92	26.46	344	37	0.00	0.00	0.00	34.68	0.00	0.00	0.00	0.34
W263245077063001	KARAULI	Karauli	Chainpur_Pz	PZ	0	77.11	26.55	281	154	0.00	12.42	11.49	0.00	0.00	1.68	6.31	0.00
W263145077043001	KARAULI	Karauli	Deeppura-Pz D	PZ	0	77.08	26.53	268	196.8	31.70	32.68	34.55	39.12	8.40	-2.73	3.15	-5.57
W263145077043002	KARAULI	Karauli	Deeppura-Pz M	PZ	0	77.08	26.53	268	105.3	0.00	27.39	0.00	0.00	0.00	-17.59	0.00	0.00
W262530076560001	KARAULI	Karauli	KARSAI	Dug	0.5	76.93	26.43	284	24	14.12	13.27	13.81	14.93	5.28	0.88	-9.21	-1.43
W262100076560001	KARAULI	Karauli	KELADEVI	Dug	1.87	76.93	26.35	340	15.17	3.77	0.79	1.99	2.31	8.11	0.77	3.25	3.61
W262600076570001	KARAULI	Karauli	Mamachari	Dug	0.1	76.95	26.43	293	20	12.30	11.27	0.00	0.00	3.65	0.28	0.00	0.00
W262650077051501	KARAULI	Karauli	SANKRA2	Dug	0.4	77.09	26.45	316	9.25	8.48	2.10	4.95	6.25	0.37	-1.10	-2.25	-0.45
W264050076440001	KARAULI	Nadauti	NADAUTI	Dug	0.55	76.73	26.68	242	10.21	6.64	3.27	2.34	5.88	-1.69	-1.37	0.81	-3.43
W263630076430001	KARAULI	Nadauti	SAHAR1	Dug	0.54	76.72	26.61	254	29.56	9.47	9.14	9.52	8.26	3.89	-1.88	0.04	3.90
W262445077074501	KARAULI	Sapotra	LANGRA	Dug	1.14	77.13	26.41	306	15	0.00	9.73	10.05	11.17	0.00	-2.57	-0.09	1.45
W261900076500001	KARAULI	Sapotra	Lohrra	Dug	0.15	76.83	26.32	302	14.7	0.00	7.10	0.00	0.00	0.00	-5.21	0.00	0.00
W261820077145501	KARAULI	Sapotra	MANDRAL	Dug	1.36	77.25	26.31	199	36	29.60	27.67	29.84	30.01	2.14	-0.33	-0.30	0.16
W261930076410001	KARAULI	Sapotra	NAROLI DANG	Dug	0.5	76.68	26.33	267	18.03	0.00	0.00	0.00	19.53	0.00	0.00	0.00	-2.00
W261721076451801	KARAULI	Sapotra	SAPOTRA1	Dug	0.84	76.76	26.29	253	17.45	15.23	11.91	12.91	14.80	0.59	-1.99	-0.45	0.10
W265600076510001	KARAULI	Todabhim	AZIZPUR	PZ	0.6	76.85	26.93	245	65	23.95	20.61	0.00	19.16	-12.95	-14.81	0.00	-10.91
W264930076561501	KARAULI	Todabhim	KARANPURA1	PZ	0.6	76.94	26.83	222	59	14.86	12.42	15.04	15.93	5.49	5.23	6.46	5.57
W252645076260501	KOTA	Itawa	AYANA	Dug	0.53	76.43	25.45	245	21.17	15.04	5.20	8.54	9.01	0.14	-2.93	1.23	0.89
W253433076183601	KOTA	Itawa	GAINTA	Dug	0.94	76.31	25.58	224	27	0.00	22.50	24.70	25.15	0.00	-17.79	-13.14	-4.79
W252615076240001	KOTA	Itawa	KESHAVPURA	Dug	0.9	76.4	25.44	247	12.12	6.06	3.97	5.11	5.13	-2.01	-2.57	-2.11	-2.81

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W254041076283001	KOTA	Itawa	KHATOLI	Dug	0.9	76.48	25.68	208	15.5	13.63	12.51	14.03	14.53	-0.03	-3.61	-0.83	-1.18
W250227075532401	KOTA	Ladpura	ALANIA	Dug	1.1	75.89	25.04	348	12.2	0.00	1.51	4.26	0.00	0.00	-1.11	5.34	0.00
W250115075420001	KOTA	Ladpura	BORAWAS	Dug	1.35	75.7	25.02	468	7.15	3.69	0.69	2.37	2.74	1.06	-0.54	-1.82	-2.16
W245430075584001	KOTA	Ladpura	DARA	Dug	0.65	75.98	24.91	363	4	7.06	1.56	2.28	2.40	-4.41	-0.01	-0.33	-0.56
W251339075501601	KOTA	Ladpura	GIRDHARPURA	Dug	0	75.84	25.23	253	7	5.06	2.94	3.45	3.32	0.76	-2.53	0.26	-0.03
W251557075545501	KOTA	Ladpura	GUDLI	Dug	0.88	75.92	25.27	250	14.82	4.87	3.45	1.69	0.99	-1.55	-3.23	-0.87	-0.21
W250716075575601	KOTA	Ladpura	KHERARASULPUR	Dug	0.69	75.97	25.12	259	11.83	9.01	3.46	6.31	6.18	-0.60	-1.55	-0.40	0.57
W251100075510001	KOTA	Ladpura	KOTA1	Dug	0.59	75.85	25.18	261	18.31	5.76	5.42	5.32	5.16	-1.50	-1.21	-0.81	-0.31
W245600075560001	KOTA	Ladpura	MANDANA	Dug	0.68	75.93	24.93	373	13.42	4.28	0.99	2.26	2.74	2.84	0.63	1.26	0.57
W251430076052001	KOTA	Sultanpur	DIGOD1	Dug	1.2	76.09	25.24	262	6.25	1.85	0.88	1.33	1.22	0.30	-0.68	0.07	0.18
W251038076105601	KOTA	Sultanpur	GADEPAN	Dug	0.9	76.18	25.18	247	10.99	2.67	0.91	1.68	1.60	-0.52	-0.71	-0.48	-0.62
W252209076094501	KOTA	Sultanpur	MANDAVRA	Dug	0.68	76.16	25.37	219	16.28	11.90	9.86	9.68	10.94	0.42	-7.44	-1.66	-2.74
W250600076120001	KOTA	Sultanpur	RAJGARH1	Dug	0.1	76.2	25.1	251	22.9	20.14	10.08	10.83	11.39	-1.34	-6.88	-2.13	-1.74
W252200076180001	KOTA	Sultanpur	RATTANPURA	Dug	0.8	76.3	25.37	235	21.17	16.00	17.39	17.38	17.88	3.10	-14.59	0.23	0.03
W265130074023001	NAGAUR	Degana	CHAKDHANI	Dug	2.21	74.04	26.86	318	47.79	36.58	36.32	36.87	36.78	1.91	0.57	1.43	2.11
W265830074124501	NAGAUR	Degana	CHOSLI	Dug	1.78	74.21	26.98	342	49	42.41	42.32	43.90	43.84	2.81	2.90	1.42	0.48
W265330074193001	NAGAUR	Degana	DEGANA JN.	Dug	1.44	74.33	26.89	342	80	0.00	27.36	0.00	29.63	0.00	0.30	0.00	-1.47
W264400074280001	NAGAUR	Degana	HARSOR	Dug	1.56	74.47	26.73	411	14	0.00	0.00	0.00	6.65	0.00	0.00	0.00	0.70
W263900074160001	NAGAUR	Degana	PADUKALAN	Dug	0.14	74.27	26.65	350	43	0.00	0.00	0.00	40.36	0.00	0.00	0.00	2.50
W271620074201501	NAGAUR	Didwana	BANTHRI	Dug	1	74.34	27.27	308	51	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00
W270915074204501	NAGAUR	Didwana	CHHOTI KHATU	Dug	1	74.35	27.15	346	43	32.52	27.35	24.85	27.00	-9.72	-5.05	1.10	-0.80
W272215074390001	NAGAUR	Didwana	DAULATPURA	Dug	2.12	74.65	27.37	358	35	28.31	28.11	28.31	28.34	2.27	2.32	3.97	2.44
W272400074330001	NAGAUR	Didwana	DIDWANA1	Dug	0	74.55	27.4	343	31.63	15.46	14.99	13.75	14.73	-1.03	-0.96	1.58	0.30
W271000074240001	NAGAUR	Didwana	KERAP	Dug	2.72	74.4	27.17	337	46	0.00	0.00	0.00	39.37	0.00	0.00	0.00	3.91
W272045074290001	NAGAUR	Didwana	KOLIA	Dug	1.27	74.48	27.35	332	35	17.88	19.85	22.56	22.22	1.47	-1.75	-2.93	-2.49
W272045074290002	NAGAUR	Didwana	Kolia	PZ	0.5	74.48	27.35	332	100	17.88	19.85	22.56	22.22	1.47	-1.75	-2.93	-2.49
W272400074353001	NAGAUR	Didwana	PADMANIWAS	Dug	2.13	74.59	27.4	342	9.87	5.29	4.97	0.00	0.00	-0.42	-0.20	0.00	0.00
W272200074310001	NAGAUR	Didwana	RAGHUNATHPURA	Dug	2.64	74.52	27.37	340	45.36	27.98	23.58	23.49	24.46	6.98	10.78	12.47	9.00
W271815074304501	NAGAUR	Didwana	SINGHANA1	Dug	0	74.51	27.3	348	40.38	30.63	29.56	28.99	30.87	-1.21	-0.19	1.49	-1.30
W271500074170001	NAGAUR	Jayal	KATOTI	Dug	2.37	74.28	27.25	311	55	0.00	0.00	0.00	50.45	0.00	0.00	0.00	2.18
W273700074260001	NAGAUR	Ladnu	BANKALIA	Dug	2.68	74.43	27.62	326	49.32	26.02	24.78	24.40	25.51	0.10	0.54	1.92	0.61
W273340074152001	NAGAUR	Ladnu	Manu	PZ	1	74.26	27.56	332	100	36.05	36.14	37.50	0.00	4.55	4.46	5.10	0.00
W273100074310001	NAGAUR	Ladnu	SANWARD	Dug	2.53	74.52	27.52	339	34	27.83	27.88	0.00	29.65	2.63	2.49	0.00	3.12
W263915073574501	NAGAUR	Merta	KALRU	Dug	1.43	73.96	26.65	304	13.57	0.00	0.00	0.00	12.14	0.00	0.00	0.00	0.00
W263900074010002	NAGAUR	Merta	Merta City	PZ	1	74.02	26.65	308	77	20.54	21.03	20.13	20.42	0.16	-3.33	-3.18	-3.32
W264000073430001	NAGAUR	Merta	SANGWA KI DHANI	Dug	1.93	73.72	26.67	322	57	0.00	0.00	0.00	54.96	0.00	0.00	0.00	0.11
W270800073220001	NAGAUR	Mundwa	DEU	Dug	2.12	73.37	27.13	306	60	52.78	52.67	52.93	53.48	3.80	3.96	4.25	1.00
W270400073493001	NAGAUR	Mundwa	MUNDWA1	Dug	1.75	73.83	27.07	334	72.99	0.00	0.00	0.00	71.24	0.00	0.00	0.00	0.00
W265430073230001	NAGAUR	Mundwa	NAGARI	Dug	2.19	73.38	26.91	312	59.82	0.00	0.00	0.00	55.31	0.00	0.00	0.00	2.32
W271400073460001	NAGAUR	Nagaur	AMARPURA1	Dug	1.92	73.77	27.23	300	28.08	0.00	0.00	0.00	26.16	0.00	0.00	0.00	0.00
W271800073370001	NAGAUR	Nagaur	BARANI	Dug	1.75	73.62	27.3	292	65.2	57.12	56.09	56.45	55.32	0.13	1.26	1.90	3.83
W272600073330001	NAGAUR	Nagaur	CHILO	Dug	0.68	73.55	27.43	305	36	33.51	33.24	34.00	33.38	0.59	0.83	-0.18	-0.14
W271349073290001	NAGAUR	Nagaur	GURHA	Dug	2.04	73.48	27.23	310	76	0.00	0.00	0.00	69.26	0.00	0.00	0.00	0.50
W265000074433001	NAGAUR	Parbatsar	PIPLAD	Dug	1	74.73	26.83	451	24	0.00	0.00	0.00	23.00	0.00	0.00	0.00	0.00
W262945073594501	NAGAUR	Riyan	KUCHERA	PZ	0.9	74	26.5	315	74	49.92	49.25	49.54	50.33	-0.02	0.76	-1.34	-1.53
W263200074150001	NAGAUR	Riyan	RIAN	Dug	1.63	74.25	26.53	351	46	41.56	0.00	38.46	40.36	0.71	0.00	3.01	0.39
W250930073120001	PALI	Bali	PERWA	Dug	1.25	73.2	25.16	300	15	11.04	6.65	6.12	7.95	1.91	-6.15	-2.80	-3.20
W251100073173001	PALI	Bali	RADAWAS	Dug	0.98	73.29	25.18	306	24.03	18.95	17.27	16.18	17.74	1.47	-13.45	-11.15	-11.26
W251400073313001	PALI	Desuri	GHANERAO	Dug	0.58	73.53	25.23	378	23.12	0.00	8.28	0.00	0.00	0.00	-7.06	0.00	0.00
W250800073280001	PALI	Desuri	RANAKPUR	Dug	2.13	73.47	25.13	419	16.46	1.37	0.00	0.00	0.00	2.65	0.00	0.00	0.00
W251045073274501	PALI	Desuri	SADRI	Dug	0.7	73.46	25.18	359	19.3	5.21	0.66	2.11	3.22	0.75	-0.25	-1.45	-2.81
W262100074004501	PALI	Jaitaran	BASSI1	Dug	0	74.01	26.35	304	17	12.69	10.39	10.22	10.13	1.57	-1.54	-1.67	-1.68
W260900073490001	PALI	Jaitaran	NIMAJ	Dug	1.3	73.82	26.15	284	39	35.40	35.74	35.11	34.49	2.20	-0.44	-0.61	0.71
W261200073490001	PALI	Jaitaran	PRITHIPURA	Dug	0	73.82	26.2	284	36	24.79	23.82	23.12	22.97	-2.64	-1.77	-1.17	-1.52

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W254800073350001	PALI	Marwar Jn.	Binjliawas	PZ	1	73.58	25.8	253	150	13.73	10.91	10.33	11.23	-3.93	-4.51	-3.83	-3.33
W253630073184501	PALI	Pali	GUNDOJ	Dug	0.25	73.31	25.61	229	24.14	8.35	5.10	7.02	7.40	-2.50	-1.35	-2.94	-2.52
W254600073200001	PALI	Pali	PALI1	Dug	0	73.33	25.77	218	12.09	9.77	5.86	6.15	6.60	-3.68	-4.67	-4.81	-4.93
W260800074063001	PALI	Raipur	HAJIWAS	Dug	1.15	74.11	26.13	346	21.98	11.16	11.26	0.00	10.35	-1.91	-2.91	0.00	-3.05
W260415074040001	PALI	Raipur	RAIPUR-I	Dug	0	74.07	26.07	347	12.5	0.00	3.80	5.24	0.00	0.00	0.60	1.46	0.00
W260330074033001	PALI	Raipur	RAIPUR-II	Dug	0	74.06	26.06	343	12.7	0.00	10.55	9.95	9.80	0.00	0.85	0.75	0.30
W252945073153001	PALI	Rani	KIRWA	Dug	0	73.26	25.5	240	21	19.21	7.79	11.56	16.80	1.49	-3.19	-2.36	-6.00
W254945073034501	PALI	Rohat	JAITPURA	Dug	0.78	73.06	25.83	186	13.89	8.01	6.76	7.71	8.11	-1.89	-1.34	-2.47	-2.49
W255705073083501	PALI	Rohat	ROHAT1	Dug	0	73.14	25.95	189	24	2.07	0.91	1.26	1.50	-0.19	-0.73	-0.58	-0.46
W254300072580001	PALI	Rohat	VAED	Dug	1.31	72.97	25.72	173	16.81	10.62	7.29	8.13	9.03	-4.37	-3.60	-5.29	-5.14
W250845073040001	PALI	Sheoganj	SUMERPUR1	Dug	0	73.07	25.15	274	18.3	0.00	8.40	0.00	12.14	0.00	-0.30	0.00	-5.54
W255200073283001	PALI	Sojat	KANAWAS	Dug	0	73.48	25.87	237	20	14.48	11.26	13.64	13.90	0.02	-6.06	-8.94	-6.30
W255000073381501	PALI	Sojat	KARIASODA	Dug	0.65	73.64	25.83	266	21	19.00	18.78	17.38	17.02	-2.85	-7.23	-5.33	-2.57
W255830073230001	PALI	Sojat	SARDARSAMAD	Dug	0.9	73.38	25.98	219	17	6.99	7.24	6.86	6.98	-1.69	-3.44	0.34	-1.58
W250651073093101	PALI	Sumarpur	Balwana	Dug	0.69	73.16	25.11	299	10	7.14	4.39	4.34	5.66	-0.88	-2.38	-2.03	-3.45
W252200073120001	PALI	Sumarpur	BIRAMI	Dug	0.3	73.2	25.37	250	20	16.06	12.81	15.71	17.15	2.29	-3.61	-1.06	-1.20
W251345073094501	PALI	Sumarpur	NIMBORNATH	Dug	0.36	73.16	25.23	282	8.3	3.72	2.89	2.90	2.65	-0.68	-0.85	-0.76	-0.55
W251855073105801	PALI	Sumarpur	SANDERAO	Dug	1.05	73.18	25.32	256	17.2	8.96	5.75	6.75	7.83	2.29	-3.60	-3.42	-4.18
W235400074484501	PRATAPGARH	Arnod	Arnod	Dug	1	74.81	23.9	511	9.94	0.00	4.87	7.88	7.86	0.00	-1.08	-3.74	-3.44
W234630074513001	PRATAPGARH	Arnod	Mohada	Dug	0.5	74.86	23.78	505	18.5	10.13	2.75	4.83	6.08	6.47	0.56	-1.60	-2.72
W233700074510001	PRATAPGARH	Arnod	Ninor	Dug	1	74.85	23.62	532	10.36	5.43	1.07	1.80	2.74	-0.70	-0.66	-0.65	-1.13
W233700074510002	PRATAPGARH	Arnod	Ninor Pz	PZ	1	74.85	23.62	532	150	9.75	4.59	4.65	5.31	2.65	0.52	1.35	2.30
W242310074420001	PRATAPGARH	Chhotisadri	Choti Sadri	Dug	0.43	74.7	24.39	494	25.68	18.31	4.72	9.04	9.68	5.36	-4.15	-8.24	-8.65
W241600074403001	PRATAPGARH	Chhotisadri	Dholapani	Dug	0.6	74.68	24.27	417	7	4.58	1.32	2.09	3.29	-1.08	-1.23	-1.69	-2.68
W240545074273001	PRATAPGARH	Dhariyawad	Dhariwad	Dug	0	74.46	24.1	234	8.45	0.00	3.03	5.93	7.60	0.00	-2.13	-4.38	-6.25
W240521074293001	PRATAPGARH	Dhariyawad	Jawahar Nagar	Dug	0.7	74.49	24.09	233	8.37	4.84	2.29	3.61	3.61	-0.62	-1.19	0.27	0.03
W235736074252601	PRATAPGARH	Dhariyawad	Mungna	Dug	0	74.42	23.96	215	13.56	10.73	2.90	6.95	7.53	0.18	-1.16	-5.39	-5.93
W234433074405901	PRATAPGARH	Peepalkhoont	JHATIA BARI	Dug	0.94	74.68	23.74	339	7.56	5.48	2.21	3.25	3.45	0.98	-0.15	-0.67	-1.93
W234745074340001	PRATAPGARH	Peepalkhoont	Peepalkhoont	Dug	0.23	74.57	23.8	221	14	0.00	4.91	5.90	7.30	0.00	-3.65	-4.21	-5.73
W241054074421001	PRATAPGARH	Pratapgarh	Barawarda	Dug	0.21	74.7	24.18	406	19.79	9.27	1.66	2.39	4.28	0.62	-1.12	-1.80	-3.68
W235300074400001	PRATAPGARH	Pratapgarh	Lamba Dabra	Dug	0	74.67	23.88	368	16.2	6.20	2.23	3.86	3.96	9.10	2.80	2.46	1.24
W240200074533001	PRATAPGARH	Pratapgarh	Mokhampura	Dug	0	74.89	24.03	499	20	17.92	7.56	7.05	11.44	0.48	-4.38	-2.80	-7.52
W240300074470001	PRATAPGARH	Pratapgarh	Pratapgarh	Dug	0	74.78	24.05	507	11	7.76	3.35	5.98	6.58	0.24	1.21	-0.56	-1.67
W240430074343001	PRATAPGARH	Pratapgarh	Punga Talab	Dug	0.21	74.58	24.08	363	12.99	0.00	1.51	3.49	5.97	0.00	-1.03	-2.77	-5.38
W240200074583901	PRATAPGARH	Pratapgarh	RAJPURIA	Dug	0.52	74.98	24.03	447	13.18	11.44	9.37	8.25	8.78	-0.06	-8.53	-7.54	-8.40
W235645074403701	PRATAPGARH	Pratapgarh	Suhagpura	Dug	0.1	74.68	23.95	438	14	10.69	1.61	4.05	6.44	1.11	0.34	-1.89	-4.54
W251520073560001	RAJSAMAND	Amet	CHATTARPUR	Dug	0.62	73.93	25.26	583	18.33	14.61	9.14	10.43	13.13	1.87	2.95	1.83	-0.93
W251400073530001	RAJSAMAND	Amet	GUGLI	Dug	0.43	73.88	25.23	609	21	14.85	7.68	8.75	11.76	1.52	1.17	0.06	-3.09
W251200073520001	RAJSAMAND	Amet	NADIWALA	Dug	0.61	73.87	25.2	592	22	16.51	11.76	11.44	13.44	2.83	0.08	1.35	-0.49
W245100073400001	RAJSAMAND	Badgaon	SANGET	Dug	0.86	73.67	24.85	747	21	15.27	9.93	10.17	13.18	-0.90	-2.47	-2.83	-5.82
W253600073530001	RAJSAMAND	Bhim	Bagar1	PZ	1	73.88	25.6	651	150	10.86	6.64	7.19	9.54	-0.42	-6.46	-3.79	-5.96
W253040073514501	RAJSAMAND	Bhim	BAGHANA	Dug	0.74	73.86	25.51	658	17.86	13.45	7.60	7.03	9.56	0.41	-4.31	-4.42	-6.83
W255000074050001	RAJSAMAND	Bhim	BALI1	Dug	1.3	74.08	25.83	549	12.82	9.20	6.22	5.70	8.95	0.80	-3.15	-2.20	-5.41
W254000074010001	RAJSAMAND	Bhim	BARAR	Dug	0.8	74.02	25.67	645	20.63	12.93	5.66	6.36	10.80	-1.13	-0.66	5.74	-0.39
W254400074050001	RAJSAMAND	Bhim	BHIM1	Dug	1	74.08	25.73	572	19.77	11.23	6.17	5.55	6.95	0.07	-5.74	-4.75	-6.12
W252500073490001	RAJSAMAND	Bhim	DEWAI	Dug	2	73.82	25.42	738	15.39	11.94	5.64	5.47	17.77	-2.64	-5.42	-5.11	-16.45
W254700074110001	RAJSAMAND	Bhim	GHATO1	Dug	0.8	74.18	25.78	538	15.6	12.12	7.11	8.57	8.96	0.29	4.09	-2.72	3.55
W255100074080001	RAJSAMAND	Bhim	Sheron Ka Bala	Dug	0.86	74.13	25.85	609	17.18	10.66	5.14	5.10	6.43	-1.76	-4.76	-3.34	-4.67
W253600073560001	RAJSAMAND	Deogarh	THIKARWAS	Dug	1.24	73.93	25.6	636	16.79	9.89	6.07	6.26	8.29	-0.21	-4.50	-4.60	-6.47
W245500073440001	RAJSAMAND	Khamnor	KHAMNOR1	Dug	0	73.73	24.92	613	17	13.58	8.48	8.00	11.83	1.12	-1.93	-1.00	-4.79
W245400073490001	RAJSAMAND	Khamnor	ODAN	Dug	0.61	73.82	24.9	618	13.53	7.02	3.25	3.64	5.06	-0.68	-0.60	-0.25	-1.61
W251530073431501	RAJSAMAND	Kumbhalgarh	Bhop Ji Ki Bhagal	PZ	1.15	73.72	25.26	725	129	13.75	0.00	0.00	0.00	2.35	0.00	0.00	0.00
W250500073340001	RAJSAMAND	Kumbhalgarh	DOWAS	Dug	1.13	73.57	25.08	1131	11	5.81	1.77	4.43	3.13	-1.49	-1.77	-4.14	-2.87
W250730073420001	RAJSAMAND	Kumbhalgarh	Gajpura	Dug	1	73.7	25.13	887	10.01	18.37	15.45	13.42	13.28	-0.41	-10.54	-8.34	-8.16

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W251400073393001	RAJSAMAND	Kumbhalgarh	JHILWARA	Dug	1.51	73.66	25.23	758	18.86	14.21	9.01	10.19	11.89	2.41	-6.87	-8.11	-9.93
W250600073360001	RAJSAMAND	Kumbhalgarh	KALWANA	Dug	0.5	73.6	25.1	857	14	11.28	3.99	5.93	7.84	0.92	-0.81	-2.81	-4.75
W245800073330001	RAJSAMAND	Kumbhalgarh	KANCHOLI	Dug	1.15	73.55	24.97	799	14.35	9.28	4.56	3.24	5.67	-1.33	-3.86	-1.99	-4.46
W250600073364801	RAJSAMAND	Kumbhalgarh	KELWARA	Dug	0.41	73.61	25.1	829	11.09	6.18	3.98	3.22	4.41	-0.28	-2.46	-1.51	-2.68
W251905073483001	RAJSAMAND	Kumbhalgarh	KITELA	Dug	0.34	73.81	25.32	696	17.16	11.42	6.18	6.95	8.37	-0.86	-3.27	-3.11	-4.59
W251435073470001	RAJSAMAND	Kumbhalgarh	MANSINGH KAGURA	Dug	0.29	73.78	25.24	662	17.81	8.40	5.19	3.91	5.85	0.31	-0.85	-0.78	-2.53
W245600074060001	RAJSAMAND	Railmagra	GAVERDI	Dug	1.35	74.1	24.93	482	20.87	11.02	8.66	9.41	9.10	2.45	0.50	0.44	0.86
W250700074050001	RAJSAMAND	Railmagra	KHANDEL1	Dug	0.21	74.08	25.12	511	18	10.03	8.00	8.52	9.13	1.67	-2.71	-6.22	-3.97
W250200074010001	RAJSAMAND	Railmagra	ODA1	Dug	0.82	74.02	25.03	516	18	6.18	2.85	1.53	4.17	-2.20	-1.85	0.05	-2.67
W250200074070001	RAJSAMAND	Railmagra	RAILMAGRA1	Dug	0.88	74.12	25.03	491	21	14.27	0.00	0.00	0.00	-2.55	0.00	0.00	0.00
W250800073510001	RAJSAMAND	Rajsamand	MOKAMPURA	Dug	0.61	73.85	25.13	586	17	10.46	5.29	5.95	7.05	5.13	-3.24	-2.42	-3.64
W250400073530001	RAJSAMAND	Rajsamand	RAJSAMAND	Dug	1.03	73.88	25.07	547	20.2	13.07	6.14	10.36	10.90	5.41	-2.56	-6.75	-7.27
W263300076334001	SAWAI MADHOPUR	Bamanwas	BAMNAWAS	Dug	0.63	76.56	26.55	253	17	8.09	6.05	5.78	6.00	-1.40	-1.71	-0.31	-1.70
W262240076325501	SAWAI MADHOPUR	Bamanwas	MEENAPARA	PZ	1.03	76.55	26.38	243	26	14.29	14.30	15.06	14.29	1.63	-4.13	-1.29	-0.02
W263015076331001	SAWAI MADHOPUR	Bamanwas	PIPLAI	Dug	0.61	76.55	26.5	253	16	9.93	10.13	10.24	9.64	0.76	-0.24	2.45	-0.63
W261400076230001	SAWAI MADHOPUR	Bonli	BHADOTI	Dug	0.34	76.38	26.23	243	13.82	11.95	10.54	9.99	10.75	1.23	-3.08	-0.43	0.37
W262115076151501	SAWAI MADHOPUR	Bonli	BONALI	Dug	0.64	76.25	26.35	274	12	8.44	6.21	6.43	8.20	-0.37	-3.95	-3.02	-2.44
W261820076225001	SAWAI MADHOPUR	Bonli	MALARNACHOR	Dug	1.01	76.38	26.31	247	18	5.71	1.44	2.81	4.61	2.43	-0.35	-1.52	0.60
W261945076293001	SAWAI MADHOPUR	Bonli	MORAL TIWARA	Dug	0.9	76.49	26.33	236	14.1	10.64	6.53	7.38	7.22	2.36	-4.73	-4.18	-1.36
W262200076234001	SAWAI MADHOPUR	Bonli	TOND	Dug	0.81	76.39	26.37	244	16.9	0.00	3.19	4.95	0.00	0.00	-3.00	-3.26	0.00
W262900076440001	SAWAI MADHOPUR	Gangapur	GANGAPUR2	Dug	1	76.73	26.48	264	12.3	6.65	3.05	3.93	4.56	3.81	2.75	3.17	2.89
W263130076510001	SAWAI MADHOPUR	Gangapur	SEWA	Dug	1.07	76.85	26.53	269	13	7.01	5.04	5.70	6.69	2.67	-3.56	-2.37	0.91
W255600076260001	SAWAI MADHOPUR	Khandar	BODAL	Dug	0.81	76.43	25.93	234	12.69	8.40	4.21	4.78	6.36	-0.76	-2.62	-1.44	-2.06
W255500076280001	SAWAI MADHOPUR	Khandar	CHANN	Dug	0.75	76.47	25.92	244	25	17.78	12.39	14.44	12.01	6.02	2.26	0.41	2.33
W255600076263001	SAWAI MADHOPUR	Khandar	HINDWAR	Dug	1.25	76.44	25.93	233	16.25	12.46	11.31	10.41	10.52	-0.75	-3.76	-0.96	-0.32
W260120076354001	SAWAI MADHOPUR	Khandar	KHANDAR1	Dug	0.94	76.59	26.02	231	36.67	14.52	7.67	9.59	11.88	0.10	-0.81	3.07	0.78
W255500076312001	SAWAI MADHOPUR	Khandar	PHARIYA	Dug	0.86	76.52	25.92	226	18	0.00	11.39	12.19	12.70	0.00	-2.75	2.25	1.54
W255800076160001	SAWAI MADHOPUR	Sawai Madhopur	KUSHTALA	Dug	0.64	76.27	25.97	267	16	0.00	0.00	10.35	8.14	0.00	0.00	2.31	5.58
W260100076273001	SAWAI MADHOPUR	Sawai Madhopur	RANTHAMBOR	Dug	1.05	76.46	26.02	403	14.64	9.98	8.17	8.22	7.76	-0.81	-1.92	-1.92	-1.23
W260515076214001	SAWAI MADHOPUR	Sawai Madhopur	SURWAL	Dug	0	76.36	26.09	246	12.67	0.00	14.46	8.15	5.62	0.00	-8.79	-1.53	1.05
W271900075174201	SIKAR	Danta Ramgarh	BAI2	PZ	0.86	75.3	27.32	423	41	15.57	15.49	15.15	15.88	1.44	1.60	1.79	1.11
W272315075030001	SIKAR	Danta Ramgarh	KARANPURA	PZ	1	75.05	27.39	460	82.5	64.85	65.03	64.99	65.54	5.45	12.26	7.58	7.06
W272200075240001	SIKAR	Danta Ramgarh	Khatu Shyamji	PZ	0	75.4	27.37	448	64	19.24	20.06	19.72	20.03	7.78	7.20	7.92	7.64
W273001074562902	SIKAR	Dhod	Anokh_Pz	PZ	0	74.94	27.5	405	90	62.07	62.81	65.29	65.01	5.64	6.44	1.46	1.79
W273000074590001	SIKAR	Dhod	Binjyasi	PZ	0.97	74.98	27.5	421	101	58.53	60.71	61.03	59.35	3.57	1.92	2.03	3.75
W273200075000001	SIKAR	Dhod	DHOD	PZ	0.81	75	27.53	425	111	63.75	64.46	64.76	65.16	11.09	11.03	11.09	10.63
W274300075051501	SIKAR	Dhod	RASHIDPURA	PZ	1	75.09	27.72	392	100	67.53	67.52	0.00	0.00	15.40	15.18	0.00	0.00
W275403074574001	SIKAR	Fatehpur	BALARAN	PZ	1.43	74.96	27.9	338	87.66	47.89	46.36	48.38	48.26	6.88	7.63	4.47	4.61
W275328074544601	SIKAR	Fatehpur	Bibipur	PZ	0	74.91	27.89	335	90	43.60	43.60	43.55	43.79	-0.90	3.42	1.19	1.01
W275444074535701	SIKAR	Fatehpur	Bikamsara	PZ	0	74.9	27.91	331	88.5	39.42	41.78	39.35	39.72	1.05	-1.97	0.12	-0.22
W275330075000001	SIKAR	Fatehpur	CHINCHAS	PZ	0.97	75	27.89	348	88.9	48.16	49.01	48.03	48.74	1.77	0.04	2.07	1.19
W280314074561601	SIKAR	Fatehpur	Dewas	PZ	0	74.94	28.05	316	76.4	36.00	35.88	35.85	36.45	0.00	0.20	0.18	-0.40
W280529074514901	SIKAR	Fatehpur	Dhanadhan	PZ	0	74.86	28.09	313	94.5	34.53	0.00	34.72	35.69	0.07	0.00	-0.13	-3.09
W275318074571101	SIKAR	Fatehpur	Harsawa Bara	PZ	0	74.95	27.89	344	93.5	0.00	0.00	30.40	0.00	0.00	0.00	15.74	0.00
W280300074520002	SIKAR	Fatehpur	ROHALSOBHSAR	PZ	1	74.87	28.05	313	105	35.81	35.51	36.00	36.20	0.02	0.12	-0.20	-0.39
W280804074573501	SIKAR	Fatehpur	ROOKANSAR	PZ	0.94	74.96	28.13	306	87.04	29.89	29.76	29.73	29.90	0.77	0.68	0.53	0.86
W275021074533202	SIKAR	Fatehpur	Roru Badi_I	PZ	0	74.89	27.84	344	78	43.90	43.50	43.56	43.85	-0.20	0.20	0.11	-0.25
W275021074533201	SIKAR	Fatehpur	Roru Badi_II	PZ	0	74.89	27.84	344	78	43.52	43.60	43.60	43.56	0.08	-5.98	0.82	0.60
W275152074514101	SIKAR	Fatehpur	Sekhiwas	PZ	0	74.86	27.86	338	79	0.00	41.55	42.35	42.68	0.00	-0.02	-0.76	-1.03
W272900075330001	SIKAR	Khandella	Dhadhliawas	PZ	1	75.55	27.48	480	64	41.25	42.37	41.62	41.93	11.05	16.17	17.42	18.40
W273300075280001	SIKAR	Khandella	Dhudhwalo Ka Bas	PZ	1	75.47	27.55	503	73	53.51	57.18	53.78	53.81	4.69	4.18	7.92	6.04
W272500075310001	SIKAR	Khandella	Nathusar	PZ	1	75.52	27.42	482	66	24.07	26.28	26.52	30.20	22.18	21.67	21.56	19.95
W274730075080001	SIKAR	Lachhmangarh	Bau	PZ	1	75.13	27.79	385	101.1	62.07	62.85	62.33	62.48	2.38	8.95	8.54	22.92
W274715074583101	SIKAR	Lachhmangarh	Datunjala	PZ	0	74.98	27.79	356	87	51.29	51.63	52.18	51.69	2.98	2.79	2.39	2.92

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

Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W274543074484901	SIKAR	Lachhmangarh	Dewau Ji Ka Bas	PZ	0	74.81	27.76	348	84	0.00	0.00	0.00	48.72	0.00	0.00	0.00	-2.35
W274340074502301	SIKAR	Lachhmangarh	Garoda	PZ	0	74.84	27.73	348	81	41.03	40.88	41.07	40.97	1.40	1.60	1.50	1.63
W273945074532701	SIKAR	Lachhmangarh	GHANA	PZ	0.96	74.89	27.66	365	98.5	56.82	56.94	55.89	57.45	10.37	13.78	8.09	9.94
W274742074522501	SIKAR	Lachhmangarh	JAJOD	PZ	1.07	74.87	27.8	346	91.5	50.55	50.36	50.81	51.03	2.23	1.28	1.08	1.10
W274800075010001	SIKAR	Lachhmangarh	Lachhmangarh	PZ	1	75.02	27.8	362	100	59.47	59.81	59.39	61.95	9.33	9.48	9.14	6.55
W273700074461201	SIKAR	Lachhmangarh	NECHWA	PZ	1	74.77	27.62	357	69	39.46	39.95	39.27	34.84	3.20	2.84	3.61	7.96
W274454075525401	SIKAR	Neem Ka Thana	Barala	Dug	1.5	75.88	27.75	418	9.9	4.60	0.00	0.00	2.00	4.00	0.00	0.00	4.70
W274800075590001	SIKAR	Neem Ka Thana	PATAN	Dug	0.68	75.98	27.8	418	17	12.54	9.16	10.99	11.47	-0.82	0.06	0.47	0.05
W273445075110001	SIKAR	Piprali	GOKALPURA	PZ	1.7	75.18	27.58	451	90.1	50.10	51.07	51.08	51.13	9.87	15.56	9.36	15.57
W273300075160001	SIKAR	Piprali	Goriya	PZ	1	75.27	27.55	451	83	19.80	19.84	19.83	20.23	8.00	10.03	8.76	8.38
W2737300075060002	SIKAR	Piprali	Nani	PZ	1	75.1	27.62	421	131	53.86	53.66	53.46	54.68	4.34	4.00	5.27	3.24
W273000075210002	SIKAR	Piprali	PALSANA	PZ	1	75.35	27.5	492	62	42.60	41.88	41.70	42.18	-1.51	-1.01	-0.91	-13.58
W273900075080001	SIKAR	Piprali	Sabalpura	PZ	1	75.13	27.65	423	137.5	59.08	59.58	59.94	61.01	11.77	12.08	21.97	25.09
W272400075490001	SIKAR	Sri Madhopur	Ajitgarh	PZ	0.95	75.82	27.4	531	92.9	31.17	0.00	37.90	39.19	7.73	0.00	3.22	1.89
W242700072450001	SIROHI	Abu Road	Manpur2	PZ	0.74	72.75	24.45	250	150	13.08	7.03	8.50	9.58	8.89	-3.46	-2.34	-1.82
W243750072420501	SIROHI	Abu Road	MOUNT ABU	Dug	0.51	72.7	24.63	380	51.2	6.98	0.00	0.00	0.00	0.46	0.00	0.00	0.00
W242900072410001	SIROHI	Abu Road	Munghthalla	PZ	0.35	72.68	24.48	252	150	10.57	7.03	8.80	7.93	2.98	0.72	-1.15	0.00
W242500072463501	SIROHI	Abu Road	SIYANA	Dug	0.42	72.78	24.42	264	11.08	8.45	6.75	7.84	7.13	-0.27	0.43	-0.86	0.62
W244800073040001	SIROHI	Pindwara	Pindwara	PZ	0.5	73.07	24.8	378	150	6.95	5.44	0.00	0.00	5.25	-4.64	0.00	0.00
W243930072561001	SIROHI	Pindwara	SARUPGANJ	Dug	1.22	72.94	24.66	334	21	14.86	5.06	8.83	7.60	3.22	-3.08	-0.53	1.88
W245045072591501	SIROHI	Pindwara	VIRWARA	Dug	1.15	72.99	24.85	403	19.55	11.14	3.59	4.95	6.10	3.81	-2.04	-3.72	-4.27
W243800072390001	SIROHI	Reodar	Anadara	PZ	1	72.65	24.63	272	150	18.41	11.86	12.53	15.54	-0.51	4.04	2.82	1.93
W244030072403001	SIROHI	Reodar	GULABGANJ	Dug	1.01	72.68	24.68	287	22	11.30	7.00	7.28	9.15	0.99	-0.51	-1.64	-2.31
W243805072293001	SIROHI	Reodar	JIRAWAL	Dug	0.94	72.49	24.63	257	29.06	22.00	14.27	14.73	19.17	-5.62	-7.91	-0.27	9.09
W243800072320001	SIROHI	Reodar	Reodar	PZ	1	72.53	24.63	256	150	19.20	14.08	16.30	17.86	-0.80	1.43	0.70	-0.21
W245720072533001	SIROHI	Sheoganj	AMBESHWARJI	Dug	0.07	72.89	24.96	279	25.43	4.97	2.48	3.37	3.66	-0.19	-0.65	-1.72	-1.61
W250800072580001	SIROHI	Sheoganj	Posaliya	PZ	1.1	72.97	25.13	253	150	26.09	0.00	15.23	16.99	7.71	0.00	-8.75	-4.32
W245943072430001	SIROHI	Sirohi	BARLOT	Dug	1.03	72.72	25	230	29	23.71	19.53	21.89	22.24	3.51	0.74	2.23	2.56
W245530072411501	SIROHI	Sirohi	KALANDRI	Dug	0.52	72.69	24.93	262	18	12.96	7.52	9.40	11.53	4.42	-3.74	3.44	4.62
W244800072404501	SIROHI	Sirohi	PALRI	Dug	0.83	72.68	24.8	349	19	14.92	9.95	7.76	14.26	2.85	-4.58	-1.42	-2.64
W245300072520001	SIROHI	Sirohi	SIROHI	Dug	1.39	72.87	24.88	319	27.26	12.66	6.95	6.88	7.89	-3.95	-4.64	-5.01	-4.78
W255300075340001	TONK	Deoli	BANTHOLI	Dug	0.5	75.57	25.88	299	11	8.98	7.30	8.73	9.46	0.82	-4.20	-1.23	-2.10
W255150075165001	TONK	Deoli	RAMTHALA	Dug	0.99	75.28	25.86	315	7.55	4.49	2.22	3.33	3.24	0.39	2.65	-1.31	-1.93
W254842075283001	TONK	Deoli	SIROHI1	Dug	0	75.48	25.81	308	10.65	11.99	10.07	8.68	8.96	-6.91	-8.37	-7.73	-7.60
W261418075111501	TONK	Malpura	DEWAL1	Dug	0.5	75.19	26.24	339	7	5.60	3.05	2.97	3.44	-0.50	1.65	1.95	-0.74
W262330075291501	TONK	Malpura	JAISINGHPUR	Dug	0.95	75.49	26.39	315	10.85	5.43	4.19	4.58	5.22	-0.90	-3.74	-2.18	-2.97
W261700075230001	TONK	Malpura	MALPURA1	Dug	0	75.38	26.28	327	16.18	6.84	7.86	5.96	3.51	-4.44	-0.46	2.79	1.39
W262200075560001	TONK	Newai	NIWAI1	Dug	1.05	75.93	26.37	321	40	31.20	20.59	21.39	24.50	6.16	-3.04	-3.34	-5.37
W261100075343001	TONK	Todaraisingh	HAMIRPUR	Dug	0.37	75.58	26.18	287	10	7.87	6.12	6.79	6.88	-2.44	-2.09	-2.86	-2.62
W260050075292001	TONK	Todaraisingh	TODARASINGH1	Dug	1.4	75.49	26.01	391	16.14	2.18	1.30	2.89	2.99	-0.68	-0.55	-1.69	-1.84
W260330075483001	TONK	Tonk	ARNIVALMAL	Dug	0.3	75.81	26.06	291	11.7	5.69	5.12	6.03	6.35	-0.84	-2.57	-2.88	-2.08
W260330075523001	TONK	Tonk	Ghans	PZ	1	75.88	26.06	274	196.8	4.10	1.98	3.85	5.25	1.56	0.82	1.25	0.35
W255955075410001	TONK	Tonk	MAHUVA	Dug	0.81	75.68	26	283	9	8.71	7.51	7.27	8.30	-2.62	-6.02	-4.68	-5.47
W260530075500001	TONK	Tonk	Rustamganj	PZ	0	75.83	26.09	284	160.4	5.76	5.03	2.50	3.80	-0.95	-2.83	0.80	-0.80
W261430075510001	TONK	Tonk	SOHELA	Dug	0.2	75.85	26.24	268	16.61	8.63	7.05	7.85	8.03	-0.11	-5.35	-4.55	-3.85
W255800076050001	TONK	Uniara	ALIGARH	Dug	0	76.08	25.97	272	31	20.07	12.17	9.27	16.13	9.27	-5.78	-0.28	-0.94
W255830075575801	TONK	Uniara	DIKOLIYA	Dug	0	75.97	25.98	280	11.95	5.48	6.92	9.67	9.47	2.90	-4.69	-8.24	-7.14
W254900076135801	TONK	Uniara	JAINAGAR	Dug	0.5	76.23	25.82	239	23	0.00	11.75	13.08	15.32	0.00	-10.05	1.67	2.62
W260227075532001	TONK	Uniara	NAYAGAON	Dug	0.69	75.89	26.04	280	11.11	6.09	4.14	5.47	6.03	-1.87	-2.43	-2.71	-2.93
W255330076104501	TONK	Uniara	Sop1	PZ	0	76.18	25.89	262	150	0.00	7.96	13.02	14.53	0.00	1.39	6.18	4.59
W244200073450002	UDAIPUR	Badgaon	CHIRWA	PZ	0.5	73.75	24.7	717	125.75	10.11	3.22	4.37	6.01	1.69	-2.37	-4.25	-5.92
W243700074010001	UDAIPUR	Bhindar	BHATEWAR	Dug	1.16	74.02	24.62	493	12	0.00	3.07	2.62	4.10	0.00	4.62	7.52	6.09
W243430074100001	UDAIPUR	Bhindar	BHINDER	Dug	0.2	74.17	24.58	488	17.72	14.22	9.42	11.76	12.92	-2.32	-8.77	-3.93	-5.11
W243430074100002	UDAIPUR	Bhindar	Bhinder_Pz	PZ	0	74.17	24.58	488	150	11.61	7.35	7.83	9.18	0.34	-4.14	-4.47	-5.80

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Site_ID	District	Block	Village	Type	MP	Long	Lat	Elevation	Depth	Decadal mean water level (m bgl)				Fluctuation from			
										May (2006-2015)	August (2006-2015)	November (2006-2015)	January (2007-2016)	May-16	Aug-16	Nov-16	Jan-17
W243300073550001	UDAIPUR	Bhindar	HARIYAB	Dug	0.27	73.92	24.55	520	20	16.70	6.06	7.01	7.94	1.23	-5.78	-5.96	-6.91
W242600074160001	UDAIPUR	Bhindar	KANOD	Dug	1.5	74.27	24.43	471	14.2	8.19	5.12	4.78	6.22	2.01	-3.79	-3.42	-4.87
W243320074120301	UDAIPUR	Bhindar	KHERODA	Dug	0.5	74.2	24.56	477	33	26.84	18.99	23.06	23.22	2.77	-12.08	-15.56	-15.70
W240200074273001	UDAIPUR	Dhariyawad	KHUNTA	Dug	0.7	74.46	24.03	252	7.6	0.00	1.81	3.90	4.20	0.00	-1.51	-3.52	-3.84
W243440073463501	UDAIPUR	Girwa	KANPUR	Dug	0.64	73.78	24.58	565	15.41	8.66	2.61	2.66	4.86	-0.94	-1.85	-1.78	-4.00
W242654073593001	UDAIPUR	Girwa	KURABAR	Dug	0.13	73.99	24.45	373	17.21	14.58	7.93	9.33	11.10	1.69	-4.06	-5.66	-7.53
W241620073410001	UDAIPUR	Girwa	PADUNA	Dug	0.68	73.68	24.27	518	8	5.19	1.96	2.63	3.10	-0.57	0.16	0.09	-0.58
W243730073410001	UDAIPUR	Girwa	Ramgiri(badagaon)	Dug	0.5	73.68	24.63	615	15.5	11.42	6.59	6.03	7.62	2.23	-3.93	-3.31	-4.85
W243308073425001	UDAIPUR	Girwa	SAVINA	Dug	0	73.71	24.55	583	34	4.28	2.61	3.76	3.45	0.82	0.05	-0.96	-0.60
W243348073392501	UDAIPUR	Girwa	Sisarma	Dug	2.8	73.66	24.56	646	19.9	10.96	5.91	5.87	8.22	0.19	-0.83	-0.35	-2.71
W242945073364501	UDAIPUR	Girwa	UNDRI	Dug	1.8	73.61	24.5	685	10	5.88	1.79	3.23	5.66	-3.28	-1.03	-1.99	-4.45
W244800073280001	UDAIPUR	Gogunda	JASWANTGARH	Dug	0	73.47	24.8	837	17.79	10.99	0.00	6.85	9.77	-0.89	0.00	-6.45	-9.46
W245000073320001	UDAIPUR	Gogunda	KATHAR1	Dug	0	73.53	24.83	803	6.8	3.22	1.80	1.94	2.79	0.08	-1.47	-1.38	-2.25
W245130073254501	UDAIPUR	Gogunda	PUNAWALI	Dug	0.33	73.43	24.86	857	18.42	10.62	4.32	4.96	6.25	6.45	-2.73	-2.89	-4.15
W244700073280001	UDAIPUR	Gogunda	SRIMALI KI KARIA	Dug	0.95	73.47	24.78	895	20.34	10.17	2.72	3.14	4.93	8.18	-0.85	-0.69	-2.32
W241330073211501	UDAIPUR	Jhadol	AMALIA	Dug	0.5	73.35	24.23	554	12	0.00	3.19	3.26	4.90	0.00	-1.49	-0.64	-2.30
W240900073210001	UDAIPUR	Jhadol	Garanwas	Dug	1	73.35	24.15	530	11.8	5.87	0.85	2.20	4.45	-1.22	-0.80	-1.55	-3.93
W241800073220001	UDAIPUR	Jhadol	Ghori Mari	Dug	0.1	73.37	24.3	513	14.8	0.00	5.65	4.20	9.01	0.00	-2.14	-0.30	-5.00
W242120073210001	UDAIPUR	Jhadol	LUNIYARA	Dug	0.66	73.35	24.36	458	13	8.93	5.92	6.97	8.30	0.52	-3.13	-4.07	-5.30
W241459073175601	UDAIPUR	Jhadol	MANPURA	Dug	0.52	73.3	24.25	387	10	8.22	4.23	6.13	6.28	0.66	-1.97	-3.59	-2.79
W241015073203501	UDAIPUR	Jhadol	SOM1	Dug	0.94	73.34	24.17	634	15.56	10.77	5.22	7.15	8.81	0.39	-1.94	-3.13	-4.93
W235900073320001	UDAIPUR	Kherwara	KHERWARA	Dug	0.59	73.53	23.98	517	12.89	6.55	2.80	3.02	4.50	3.98	-2.28	-2.11	-3.59
W240400073260001	UDAIPUR	Kherwara	Neecha Talab	Dug	0.5	73.43	24.07	419	10.5	4.63	1.28	2.61	2.21	2.31	-1.02	-1.99	-1.53
W243738073233301	UDAIPUR	Kotra	PADAWALI	Dug	0.85	73.39	24.63	601	9.45	6.78	0.00	0.00	5.51	1.67	0.00	0.00	-2.39
W241505074250001	UDAIPUR	Lasadiya	ARAMPURA	Dug	0.5	74.42	24.25	407	7.3	4.53	0.58	1.52	2.49	0.52	1.18	-0.80	-1.80
W244300073550001	UDAIPUR	Mavli	BHOYANA	Dug	1	73.92	24.72	525	14	8.68	4.54	4.67	6.35	1.12	-3.29	-3.35	-5.05
W244500073500002	UDAIPUR	Mavli	GADOLI	PZ	0	73.83	24.75	540	116.52	7.44	3.91	4.04	6.41	11.82	-2.73	-2.62	-4.94
W244700073590001	UDAIPUR	Mavli	MAVLI1	Dug	0.75	73.98	24.78	494	24.82	18.42	12.77	11.65	13.55	4.63	-2.22	-0.60	-2.52
W240005073453001	UDAIPUR	Rishabhdeo	KALAYANPURA	Dug	0.56	73.76	24	278	6	4.04	3.48	3.43	3.90	-0.06	-2.77	-2.59	-3.04
W241019073590701	UDAIPUR	Salumber	BASSI	Dug	1.95	73.99	24.17	283	8.45	3.74	0.91	1.12	1.61	0.31	-0.20	-0.72	-1.26
W241000074030001	UDAIPUR	Salumber	DEOLA	Dug	0.8	74.05	24.17	257	8.16	3.98	1.98	2.41	2.91	1.62	-0.93	-0.91	-1.38
W240500074020001	UDAIPUR	Salumber	Devgaon1	PZ	0	74.03	24.08	242	110.8	4.20	1.21	1.57	1.95	-2.02	1.27	1.08	0.69
W242013074005801	UDAIPUR	Salumber	GUREL	Dug	0.46	74.02	24.34	313	16.45	8.76	3.13	6.59	3.35	-0.52	-2.48	-4.80	-1.57
W240100073580001	UDAIPUR	Salumber	INTALIKHARA	PZ	1	73.97	24.02	230	116.4	6.63	0.00	0.00	2.86	-4.53	0.00	0.00	0.11
W241742074043001	UDAIPUR	Salumber	KHAIRKA	Dug	0.9	74.08	24.3	315	10	0.00	2.61	3.06	3.43	0.00	-1.26	-1.13	-1.51
W240419074040501	UDAIPUR	Salumber	KHOLRI	Dug	0.6	74.07	24.07	229	13.22	8.82	5.75	4.80	6.65	3.68	-3.50	-2.40	-4.22
W240730074024801	UDAIPUR	Salumber	SALUMBER1	Dug	0.62	74.05	24.13	255	11.58	0.00	5.47	5.81	6.90	0.00	-1.14	-1.23	-2.30
W241300073520001	UDAIPUR	Sarada	DINGRI	Dug	0.72	73.87	24.22	268	7	3.79	1.40	1.30	1.76	-2.01	-0.95	0.58	0.14
W241136073420001	UDAIPUR	Sarada	PARSHAD	Dug	0.5	73.7	24.19	395	8.2	6.00	3.17	3.54	5.13	-0.06	-0.62	-0.92	-2.33
W240900073500001	UDAIPUR	Sarada	SARADA	Dug	0.25	73.83	24.15	286	17.54	9.09	7.07	5.19	6.58	0.96	-5.65	-3.88	-5.33
W240500073510001	UDAIPUR	Sarada	SEMRI	Dug	0.6	73.85	24.08	288	7.03	4.83	2.78	2.44	3.18	0.87	-2.51	-1.52	-2.25

**Chemical analysis results of samples collected during NHS monitoring 2016**

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W260200075060001	AJMER	Arain	AJAGARA	75.1000	26.0330	7.27	1270	0	415	170	60	18	0.01	280	60	31.68	178	4.1	1.9	1.07	826
W260442074223401	AJMER	Masuda	Andheri Devi	74.3760	26.0780	8.01	1500	0	427	256	20	15	0.40	280	88	14.69	216	5.7	1.6	0.21	975
W262700075040001	AJMER	Arain	ARIAN	75.0670	26.4500	7.73	930	0	293	85	30	95	0.01	360	104	24.44	51	5	2.7	1.67	605
W255430074120001	AJMER	Jawaja	BAGLIAS	74.2000	25.9080	7.60	2610	0	287	568	400	24	0.01	460	104	48.75	470	4.2	2.1	0.18	1697
W260900074420001	AJMER	Bhinai	BANDANWARA	74.7000	26.1500	8.29	970	0	427	64	50	1	0.01	100	20	12.18	195	1.1	10	0.96	631
W261245075021001	AJMER	Arain	Barora	75.0360	26.2130	7.50	370	0	98	57	15	1	0.01	110	20	14.61	33	2.8	0.2	0.18	241
W262500075080001	AJMER	Arain	DASUK	75.1330	26.4170	7.26	26900	0	98	9230	3420	0	0.01	7500	2800	124.97	4200	32	1.6	1.86	17485
W263015074413001	AJMER	Srinagar	GHUGRA	74.6920	26.5040	7.34	400	0	110	43	40	4	0.01	110	16	17.04	40	5.2	0.5	0.3	260
W260745074554001	AJMER	Bhinai	Goelo	74.9280	26.1290	8.27	3340	0	1159	433	420	60	0.01	120	40	4.91	900	4.8	8.7	0.4	2171
W255600074120001	AJMER	Jawaja	JAWAJA1	74.2000	25.9330	8.15	5150	0	659	1292	440	50	1.20	920	184	112.06	892	16	2.9	0.65	3348
W260130074393001	AJMER	Masuda	JHOPADIYAN	74.6580	26.0250	7.60	920	0	329	85	60	32	0.01	290	68	29.26	91	0.8	1.1	0.4	598
W255900075090001	AJMER	Kekri	KEKRI1	75.1500	25.9830	8.09	930	0	439	78	30	5	0.01	200	28	31.64	140	5.6	2.3	2.5	605
W261400074293001	AJMER	Pisangan	LAMANA	74.4920	26.2330	7.60	390	0	134	43	28	1	0.01	130	24	17.05	33	2.8	0.4	0.16	254
W255950074350001	AJMER	Masuda	LUDIYANA	74.5830	25.9970	7.53	374	0	134	43	20	1	0.01	120	28	12.19	34	3	0.3	0.2	243
W260200074210001	AJMER	Jawaja	MAIDAYABADAYA	74.3500	26.0330	8.29	3240	0	756	667	240	16	0.01	260	40	38.95	730	5.4	9	0.14	2106
W261830074550001	AJMER	Srinagar	Morajhar	74.9170	26.3080	7.70	410	0	122	57	20	1	0.01	90	24	7.32	54	2.8	0.4	0.16	267
W260300074170001	AJMER	Jawaja	NARBADKHERA	74.2830	26.0500	7.37	3320	0	366	831	270	80	0.01	740	140	94.99	500	0.3	1.3	9.1	2158
W261712074442501	AJMER	Pisangan	NASIRABAD	74.7400	26.2870	7.66	790	0	195	71	40	120	0.01	290	56	36.54	55	3.8	2.3	0.5	514
W260600074250001	AJMER	Masuda	PAKHRIAWAS	74.4170	26.1000	7.53	1580	0	342	249	150	33	0.01	430	92	48.74	180	3.7	0.9	0.27	1027
W261600074500001	AJMER	Srinagar	RAMSAR2	74.8330	26.2670	7.86	410	0	122	43	35	1	0.01	130	32	12.2	34	2.8	0.3	0.14	267
W255440075023001	AJMER	Arain	SANPLA	75.0420	25.9110	7.91	3380	0	342	809	430	8	0.01	590	68	102.2	600	3.1	2.3	0.36	2197
W260300075000001	AJMER	Arain	SARWAD	75.0000	26.0500	7.74	4450	0	512	895	645	90	0.01	680	116	94.96	800	10	2	0.13	2893
W262400074370001	AJMER	Pisangan	TABIJI	74.6170	26.4000	8.27	1100	0	390	185	50	11	0.01	110	8	21.89	245	4.1	1.6	1.98	715
W255300074090001	AJMER	Jawaja	TARAGARH	74.1500	25.8830	7.90	1680	0	634	178	30	31	2.00	410	100	39.02	189	16	2	0.74	1092
W274800076260001	ALWAR	Mandawar	Alanpur	76.4330	27.8000	8.10	660	0	427	35	8	24	0.00	250	48	31.67	82	1	0.2	1.15	429
W275930076120001	ALWAR	Behror	ANANTPURA	76.2000	27.9920	8.10	1820	0	427	355	175	19	0.04	260	48	34.1	361	3	0.3	0.1	1183
W273730076501801	ALWAR	Ramgarh	BAGAR	76.8380	27.6250	8.10	5170	0	586	1142	857	42	0.00	1860	180	343.03	531	4	0.8	0.14	3361
W274130076212001	ALWAR	Bansur	BANSUR	76.3560	27.6920	8.20	1820	0	744	248	60	5	0.00	500	44	94.87	242	2	0.3	1	1183
W272630076313001	ALWAR	Umrain	Baran1	76.5250	27.4420	7.60	540	0	293	35	5	5	0.02	240	72	14.68	24	7	0.3	0.34	351
W272900076530001	ALWAR	Lachhmangarh	BARODAMEV	76.8830	27.4830	8.00	1900	0	451	426	38	11	0.00	420	84	51.16	274	4	0.3	0	1235
W275300076170001	ALWAR	Behror	BEHROR	76.2830	27.8830	8.20	1350	0	390	284	36	14	0.00	140	32	14.63	289	2	0.6	0.12	878
W275630076183001	ALWAR	Behror	Bhituda	76.3080	27.9420	8.10	890	0	451	99	65	15	0.06	160	32	19.49	197	2	0.6	0.1	579
W280300076410001	ALWAR	Kotkasim	BOLNI	76.6830	28.0500	8.20	620	0	390	21	16	2	0.04	270	40	41.38	45	1	0.3	0.51	403
W273400076180002	ALWAR	Bansur	CHATTARPURA	76.3000	27.5670	8.10	485	0	317	21	10	25	0.08	250	36	38.94	32	2	0.2	0.41	315
W274200076362001	ALWAR	Umrain	DALALPUR	76.6060	27.7000	7.60	1460	0	415	326	52	23	0.00	370	64	51.14	230	3	0.1	0.31	949
W271700076430001	ALWAR	Reni	Doroli	76.7170	27.2830	7.80	840	0	427	71	37	0	0.04	250	48	31.67	108	4	0.5	0.61	546
W271418076331801	ALWAR	Rajgarh	Doulatpura	76.5550	27.2380	8.00	953	0	390	121	56	7	0.00	230	44	29.23	147	5	0.2	1.42	619
W271230076473001	ALWAR	Reni	GADI SWAIRAM	76.7920	27.2080	7.70	520	0	268	35	52	1	0.04	220	60	17.09	33	33	0.3	0.23	338
W274700076301501	ALWAR	Mandawar	GANGWALI DHANI	76.5040	27.7830	8.20	1790	0	476	362	35	38	0.08	170	20	29.2	366	2	0.1	0.21	1164
W271330076153001	ALWAR	Thanagazi	GHATA MORDI	76.2580	27.2250	7.80	670	0	268	78	10	21	0.00	230	64	17.1	58	2	0.2	0.19	436
W275200076370002	ALWAR	Kotkasim	HARSAULI	76.6170	27.8670	8.08	820	0	390	71	5	41	0.00	210	40	26.79	114	1	0.8	0.12	533
W275330076533001	ALWAR	Tijara	HASANPURA	76.8920	27.8920	7.83	740	0	378	35	5	96	0.00	290	52	38.96	70	2	0.1	0	481
W273800076200001	ALWAR	Bansur	Holawas	76.3330	27.6330	8.00	680	0	427	28	10	32	0.31	260	48	34.1	76	2	0.1	6.93	442
W273450076243001	ALWAR	Bansur	Janak Singh Pura	76.4080	27.5810	8.00	1360	0	378	234	112	40	0.00	330	68	38.98	211	2	0	0.22	884
W274500076151501	ALWAR	Bansur	Janeese Zone	76.2540	27.7500	7.80	900	0	305	128	30	44	0.00	360	80	39	63	2	0.1	0.85	585
W271515076504501	ALWAR	Lachhmangarh	JHALADALA	76.8460	27.2540	7.80	1510	0	573	199	103	1	0.05	310	40	51.11	250	6	0.2	0.65	982
W275600076280001	ALWAR	Mandawar	JOSAI	76.4670	27.9330	7.80	770	0	415	57	20	20	0.00	210	44	24.37	113	2	0.5	0.12	501

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W271350076121801	ALWAR	Thanagazi	Kabrala	76.2050	27.2310	7.40	1325	0	207	368	30	15	0.00	480	184	5	115	4	0.2	0.15	861
W280300076150001	ALWAR	Neemrana	Khanhawas	76.2500	28.0500	8.20	1380	0	659	64	75	38	0.07	90	20	9.75	308	2	2	0.38	897
W274912076440001	ALWAR	Kishangarh	KISHANGARH BAS1	76.7330	27.8200	7.11	850	0	427	113	26	25	0.17	360	80	39	90	3	0.2	0.52	553
W280500076433001	ALWAR	Kotkasim	KOTKASIM1	76.7250	28.0830	8.20	990	0	549	85	28	5	0.08	290	40	46.24	144	1	0.7	2.02	644
W272100076500001	ALWAR	Lachhmangarh	LACHMANGARH	76.8330	27.3500	7.70	7540	0	500	1858	912	105	0.00	2200	204	411.14	858	2	0.1	0.14	4901
W272955076190001	ALWAR	Thanagazi	Majri Khurd	76.3170	27.4990	8.10	15230	0	586	2411	4380	12	0.00	2850	368	469.69	2575	6	2.4	0.2	9900
W275900076230001	ALWAR	Neemrana	Neemrana	76.3830	27.9830	7.90	2210	0	561	383	164	47	0.10	370	60	53.56	386	2	0.3	0.22	1437
W275000076560001	ALWAR	Tijara	NIMLI	76.9330	27.8330	7.50	920	0	268	142	25	97	0.06	360	108	22.01	76	2	0.3	1.54	598
W273938076530301	ALWAR	Ramgarh	NOGAONWA	76.8840	27.6610	7.80	3060	0	439	808	142	42	0.00	500	84	70.61	544	2	0.2	0.18	1989
W275800076430002	ALWAR	Kotkasim	PUR1	76.7170	27.9670	7.94	540	0	305	35	15	19	0.19	260	48	34.1	33	1	0.5	0.19	351
W273500076483502	ALWAR	Ramgarh	RAMGARH Pz	76.8100	27.5830	8.12	1380	0	817	43	30	19	0.00	110	16	17.04	307	1	2	0	897
W273500076483501	ALWAR	Ramgarh	RAMGARH1	76.8100	27.5830	8.00	3620	0	830	709	200	190	0.00	750	68	141.1	594	2	2	1.85	2353
W275200076240001	ALWAR	Behror	SODAWAS	76.4000	27.8670	8.00	720	0	293	99	16	38	0.00	260	48	34.1	76	3	0.3	0.42	468
W275110076153201	ALWAR	Behror	Sota Nala	76.2590	27.8530	8.00	2240	0	451	546	92	12	0.07	350	52	53.55	411	3	0.9	0	1456
W271900076590001	ALWAR	Kathumar	Sundana	76.9830	27.3170	8.40	7550	48	1025	1602	915	18	0.11	320	28	60.82	1760	3	1.7	2.93	4908
W280636076500601	ALWAR	Tijara	TAPUKARA	76.8350	28.1100	8.00	490	0	317	21	12	8	0.02	230	52	24.38	37	2	0.3	1.54	319
W271415076240001	ALWAR	Rajgarh	TEHLA	76.4000	27.2380	7.62	830	0	439	78	34	21	0.06	350	72	41.42	79	2	0.4	0.51	540
W272500076580001	ALWAR	Kathumar	TIJARA1	76.9670	27.4170	8.00	640	0	268	78	10	32	0.00	170	44	14.64	90	2	0.1	0	416
W270705076180001	ALWAR	Rajgarh	TORIKABAS	76.3000	27.1180	7.60	840	0	390	43	110	2	0.00	280	48	38.96	97	6	0.8	4.3	546
W233000074060001	BANSWARA	Garhi	Arthuna1	74.1000	23.5000	8.30	1215	0	301	103	118	120	0.03	480	118	45.12	60	3	0.6	2.29	790
W232500074230001	BANSWARA	Bagidora	BARODIA	74.3830	23.4170	8.10	1580	0	464	140	218	99	0.01	390	38	71.77	229	2	1.6	3.35	1027
W231800074190001	BANSWARA	Sajjangarh	Chhinch	74.3170	23.3000	8.28	1061	0	220	146	25	40	0.06	390	90	40.23	26	1	0.3	0.13	690
W233100074380001	BANSWARA	Chhoti Sarwan	Choti Sarwan	74.6330	23.5170	8.04	1030	0	423	47	81	8	0.07	350	90	30.5	72	3	0.8	0.26	670
W233327074360401	BANSWARA	Chhoti Sarwan	Danakshari	74.6010	23.5580	8.00	1050	0	264	160	234	50	3.10	470	102	52.4	120	2	1.1	0.3	683
W233524074103001	BANSWARA	Garhi	GARHI PARTAPURA	74.1750	23.5900	7.70	500	0	215	39	50	10	0.02	220	50	23.16	34	2	0.8	0.33	325
W233200074380001	BANSWARA	Chhoti Sarwan	Katumbi	74.6330	23.5330	8.00	800	0	255	59	92	40	0.10	230	58	20.74	86	7	1.2	0.65	520
W233210074311001	BANSWARA	Talwara	Padla Barora	74.5190	23.5360	8.00	1575	0	532	54	225	42	0.09	320	58	42.62	214	3	1.7	0.04	1024
W232232074164501	BANSWARA	Bagidora	RAKHO	74.2790	23.3760	7.97	450	0	252	47	48	49	0.00	310	82	25.63	25	2	1	0.21	293
W235340074263502	BANSWARA	Ghatol	Rathor Ki Phadoli	74.4430	23.8940	8.00	770	0	288	32	75	32	0.36	270	62	28.04	53	2	0.8	0.99	501
W233922074232301	BANSWARA	Ghatol	SENASA	74.3900	23.6560	8.02	637	0	276	40	25	22	0.03	250	70	18.32	36	2	0.3	0.69	414
W232630074220801	BANSWARA	Talwara	Surwania	74.3690	23.4420	8.20	1160	0	423	82	95	35	0.07	440	122	33	69	2	0.7	1.07	754
W250930076180001	BARAN	Anta	ANTA1	76.3000	25.1580	7.71	2300	0	366	114	648	20	0.02	580	140	56.09	291	6	0.3	0.01	1495
W245315076394001	BARAN	Atru	ATRU1	76.6610	24.8880	7.70	2468	0	708	312	236	15	0.00	600	120	73.09	268	27	0.5	1.08	1604
W250500076420001	BARAN	Kishanganj	Banthoni	76.7000	25.0830	7.59	915	0	268	85	90	55	0.00	400	96	39.02	32	9.3	0.5	0.24	595
W250600076310001	BARAN	Baran	Baran2	76.5170	25.1000	7.72	4872	0	586	696	958	44	0.01	740	144	92.57	805	6.2	0.1	0.07	3167
W250529076473701	BARAN	Kishanganj	BHANWARGARH	76.7940	25.0910	7.70	680	0	159	85	108	36	0.00	340	80	34.14	23	4.8	0.9	0.02	442
W251430076301501	BARAN	Baran	BOTH	76.5040	25.2420	7.98	1190	0	488	85	86	30	0.00	360	56	53.56	124	5.1	0.5	0.37	774
W243728076420701	BARAN	Chhipabarod	CHHIPA BAROD1	76.7020	24.6240	7.81	800	0	207	71	118	43	0.01	340	64	43.84	42	0.4	0.3	0.16	520
W242610076420001	BARAN	Chhipabarod	HARNAUDA	76.7000	24.4360	7.90	1289	0	268	227	82	40	0.00	620	160	53.68	19	0.3	0.2	3.4	838
W251230077213001	BARAN	Shahbad	Kasba Thana	77.3580	25.2080	7.49	451	0	85	50	62	26	0.00	180	48	14.65	23	0.9	0.7	0.12	293
W250800076540001	BARAN	Shahbad	KELWARA1	76.9000	25.1330	7.46	585	0	122	107	54	8	0.02	280	72	24.4	15	1.9	0.1	0.12	380
W250630076380001	BARAN	Kishanganj	KISHANGANJ1	76.6330	25.1080	7.74	900	0	183	36	222	23	0.00	400	80	48.72	24	1.7	0.7	0.07	585
W251116077062001	BARAN	Shahbad	MAMONI	77.1060	25.1880	7.39	450	0	98	28	116	26	0.01	220	40	29.22	22	0.9	2.3	0.14	293
W251930076304501	BARAN	Anta	MANGROL	76.5130	25.3250	8.18	1170	0	342	71	218	12	0.01	560	104	73.07	29	0.4	0.9	0.87	761
W251548077154801	BARAN	Shahbad	PAJAL TORI	77.2630	25.2630	7.36	500	0	98	43	128	20	0.00	260	40	38.95	15	1	0.7	0.05	325
W242900076360001	BARAN	Chhipabarod	SARTHAL	76.6000	24.4830	7.45	650	0	159	43	9	37	0.01	190	32	26.78	20	0.1	0.7	0.01	423
W251820076194501	BARAN	Anta	URPURA	76.3290	25.3060	8.01	2200	0	488	227	400	0	0.00	680	104	102.24	213	1.4	1	1.14	1430



Chemical analysis results of samples collected during NHS monitoring 2016

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W254430070573001	BARMER	Barmer	BACHHBAR	70.9580	25.7420	8.33	8590	60	1281	817	1660	332	0.01	2100	482	218.19	1100	9.2	1.3	0.04	5584
W254945072153001	BARMER	Balotra	BALOTRA1	72.2580	25.8290	8.17	18580	0	586	4146	2680	12	0.03	1840	224	311.48	3340	25	1.1	1.05	12077
W254445071394601	BARMER	Sindhari	CHAWA	71.6630	25.7460	8.14	11880	0	256	2059	2642	84	0.01	1840	320	253.25	1860	46	1.7	0.02	7722
W252830071040001	BARMER	Chohtan	Chohtan	71.0670	25.4750	8.18	1320	0	281	156	110	148	0.05	400	76	51.15	118	26	0.6	0.01	858
W255505070093001	BARMER	Sheo	DERASAR	70.1580	25.9180	8.14	4330	0	549	1065	172	103	0.08	500	80	73.04	786	7.1	1.2	2.03	2815
W260400072400001	BARMER	Balotra	DOLI	72.6670	26.0670	8.32	4300	90	732	994	158	10	0.13	650	140	73.11	688	145	1.1	1.12	2795
W254425070382001	BARMER	Sheo	GADRA ROAD	70.6390	25.7400	8.46	2970	60	342	497	406	2	0.18	160	24	24.34	615	9.8	1.8	0.07	1931
W262018071332001	BARMER	Sheo	GUJRO KA BERA	71.5560	26.3380	8.48	4960	60	232	1122	542	174	0.05	380	86	40.22	1000	20	0	0.09	3224
W254300071152001	BARMER	Barmer	JASAI	71.2560	25.7170	8.15	800	0	354	50	10	33	0.06	230	48	26.8	78	1	0.6	2.02	520
W260400070590001	BARMER	Sheo	JAWANSINGHKIBER	70.9830	26.0670	8.17	3000	0	451	625	239	90	0.04	460	72	68.16	510	6.5	0.4	0.27	1950
W254300071070001	BARMER	Barmer	KHARIN	71.1170	25.7170	8.10	1040	0	317	156	72	31	0.07	220	40	29.22	161	8.8	0.3	0.09	676
W255630072220701	BARMER	Balotra	KURI2	72.3690	25.9420	8.18	610	0	195	43	42	61	0.96	220	64	14.67	42	14	0.2	4.5	397
W254610070191501	BARMER	Sheo	NAPAT	70.3210	25.7690	8.11	4890	0	366	1247	412	0	0.09	420	76	56.01	943	16	1.7	0.2	3179
W253630071170001	BARMER	Barmer	NIMRI (RADEWA)	71.2830	25.6080	8.18	1600	0	476	241	48	29	0.05	160	28	21.92	299	1.2	1.7	0.08	1040
W252045071240001	BARMER	Dhorimanna	PADMANIYON KA TALA	71.4000	25.3460	8.10	3120	0	266	568	504	45	0.06	320	72	34.13	579	4.6	1	0	2028
W255930070100001	BARMER	Sheo	PANCHLA	70.1670	25.9920	8.37	10665	24	61	3479	596	18	0.44	970	148	146.06	2128	29	1.1	0.34	6932
W254040071132501	BARMER	Barmer	PATRASAR	71.2240	25.6780	8.08	1570	0	427	199	136	43	0.10	250	60	24.39	257	1.9	1.1	0.45	1021
W253545071140001	BARMER	Barmer	SANLOR	71.2330	25.5960	8.12	2800	0	244	653	240	91	0.07	310	64	36.55	475	80	0.6	0.03	1820
W254215071244501	BARMER	Barmer	SASION-KA-KUA	71.4130	25.7040	8.25	5200	60	427	1243	342	89	0.02	750	100	121.69	860	15	1.4	0.13	3380
W261200071493001	BARMER	Baetu	SAUPADAMSINGH	71.8250	26.2000	8.13	6430	0	854	1633	68	197	0.03	750	120	109.56	1140	9.6	1.4	0.25	4180
W254630071050001	BARMER	Barmer	SIHANI	71.0830	25.7750	8.17	1650	0	512	220	42	64	0.03	350	44	58.41	220	3.1	1	0.15	1073
W252015070515501	BARMER	Chohtan	SIYAGA TALA	70.8650	25.3380	8.18	6670	0	366	1988	176	114	0.01	1000	200	121.81	1090	11	0.2	0.07	4336
W254830071022001	BARMER	Barmer	SUTHARON KI DHA	71.0390	25.8080	8.35	3120	72	317	482	402	118	0.01	480	56	82.73	500	9.5	1.3	0.2	2028
W245300071130001	BARMER	Chohtan	TARLA	71.2170	24.8830	8.29	2260	24	244	327	312	135	0.13	620	104	87.65	194	74	1.1	0.41	1469
W260300072213001	BARMER	Balotra	THOB	72.3580	26.0500	8.05	2500	0	390	383	266	145	0.02	540	144	43.94	317	25	1.8	0.1	1625
W26542007224001	BHARATPUR	Bayana	BANDH BARETA	77.3780	26.9060	8.04	610	0	256	57	12	3	0.08	180	53	11.61	57	2	0.5	0.55	397
W271330077053001	BHARATPUR	Nadbai	BAONLI CHAN	77.0920	27.2250	9.00	760	12	390	35	18	9	0.35	50	4	9.73	169	0	5.2	0	494
W265805077150601	BHARATPUR	Bayana	BHAGORI	77.2520	26.9680	8.20	880	0	342	106	18	14	0.16	250	44	34.09	95	4	0.7	0.47	572
W271300077300001	BHARATPUR	Sewar	Bharatpur1	77.5000	27.2170	8.82	625	12	183	71	75	2	0.12	190	32	26.78	72	4	0.6	0	406
W265800077180001	BHARATPUR	Bayana	Bhimnagar	77.3000	26.9670	8.54	630	24	354	21	18	19	0.20	180	20	31.63	99	1	1.3	0	410
W270030077230001	BHARATPUR	Bayana	BIRAITHA	77.3830	27.0080	8.58	1080	12	561	35	75	10	0.09	90	20	9.75	243	0	2.4	0	702
W271100077400002	BHARATPUR	Sewar	CHIKSANA	77.6670	27.1830	7.80	5010	0	281	1290	698	4	0.02	1280	204	187.46	686	9	0.8	0.18	3257
W270700077040002	BHARATPUR	Weir	Chokarwada	77.0670	27.1170	8.71	1610	48	415	213	143	14	0.18	150	16	26.76	336	2	1.9	0.13	1047
W265945077293002	BHARATPUR	Roopwas	DAHINAGAON	77.4920	26.9960	7.90	1170	0	305	156	15	163	0.04	380	56	58.42	91	32	0.7	1.13	761
W272800077200001	BHARATPUR	Deeg	DEEG1	77.3330	27.4670	8.22	25360	0	476	9397	1105	4	0.05	5950	392	1208.8	4075	19	9.1	13.08	16484
W273917077034801	BHARATPUR	Nagar Pahari	Gopalgarrh	77.0630	27.6550	8.80	4310	120	927	652	380	22	0.16	320	20	65.67	936	1	2.3	0	2802
W273200077073001	BHARATPUR	Nagar Pahari	GULPURA	77.1250	27.5330	8.47	7520	120	1074	1241	1007	127	0.04	600	28	128.89	1556	1	1.5	0	4888
W270750077090001	BHARATPUR	Weir	HALENA	77.1500	27.1310	8.48	12170	24	329	2128	2750	6	0.00	1650	128	323.52	2085	4	1	2.6	7911
W273800077170001	BHARATPUR	Kama	Indroli	77.2830	27.6330	8.65	730	12	183	128	25	19	0.08	340	41	57.79	17	4	0.6	0.07	475
W270200077080001	BHARATPUR	Weir	Jagjeevanpura	77.1330	27.0330	7.93	1250	0	268	298	4	10	0.05	320	60	41.41	151	4	0.5	0	813
W273130077043001	BHARATPUR	Nagar Pahari	JAISARI	77.0750	27.5250	8.30	17030	72	488	4113	2598	167	0.06	2950	292	540.11	2862	4	2.6	0.24	11070
W273630077041501	BHARATPUR	Nagar Pahari	JHANTLI	77.0710	27.6080	8.27	8610	0	244	1879	1835	5	0.01	1300	172	211.73	1588	13	1.6	0.2	5597
W265500077190001	BHARATPUR	Bayana	Jheel Mandir	77.3170	26.9170	8.10	1600	0	220	362	102	10	0.15	430	80	56.02	169	7	0.6	0	1040
W274656077133601	BHARATPUR	Kama	JURAHRA	77.2270	27.7820	8.12	3130	0	537	624	346	22	0.06	650	56	124.07	476	12	2.2	0.23	2035
W270630077310001	BHARATPUR	Sewar	KALYANPURA2	77.5170	27.1080	8.17	2460	0	403	532	187	1	0.04	390	40	70.56	405	5	0.7	0	1599
W273950077174201	BHARATPUR	Kama	KAMAN1	77.2950	27.6640	8.50	4530	120	708	695	593	16	0.10	300	24	58.38	958	8	4.1	0	2945
W265830077381501	BHARATPUR	Roopwas	KHAN SURJAPUR	77.6380	26.9750	7.70	3960	0	500	711	598	101	0.02	480	56	82.73	756	3	1.7	0.6	2574

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Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W270200077330001	BHARATPUR	Roopwas	KHANUA	77.5500	27.0330	7.79	5830	0	329	1418	392	510	0.08	1560	216	248.26	648	96	0.6	0	3790
W265700077230001	BHARATPUR	Bayana	Kheria Mod	77.3830	26.9500	8.49	1160	72	573	50	15	8	0.02	140	16	24.33	249	1	2	0.38	754
W264815077255001	BHARATPUR	Bayana	KOT1	77.4310	26.8040	7.93	1050	0	293	170	43	18	0.06	220	64	14.67	143	8	0.4	0	683
W271900077230005	BHARATPUR	Kumher	KUMHER	77.3830	27.3170	8.40	9260	60	390	2305	1005	876	1.22	3100	422	497.72	980	147	1	0.03	6019
W271000077160001	BHARATPUR	Nadbai	LULHARA	77.2670	27.1670	8.10	7120	0	281	1808	1057	9	0.03	1550	200	255.53	1072	8	1.4	0	4628
W272342077210901	BHARATPUR	Deeg	MANDHERA	77.3530	27.3950	8.20	3270	0	464	680	358	215	0.08	1600	116	318.64	129	7	0.5	1.13	2126
W271230077124501	BHARATPUR	Nadbai	NADBAI	77.2130	27.2080	8.80	4400	96	622	766	350	302	0.08	380	28	75.4	910	2	4.8	0	2860
W273730077040001	BHARATPUR	Nagar Pahari	NAKATPURA1	77.0670	27.6250	8.25	16250	0	500	3511	2720	340	0.02	3100	172	649.37	2468	4	1	0.54	10563
W270700077080501	BHARATPUR	Weir	Newada Shallow	77.1350	27.1170	8.40	4250	108	525	1191	8	5	0.06	380	28	75.4	884	2	1.7	0	2763
W274200077050001	BHARATPUR	Nagar Pahari	PAHARI	77.0830	27.7000	8.25	9250	0	671	2376	1008	94	0.18	1100	80	218.92	1805	4	2.1	0	6013
W272642077150001	BHARATPUR	Deeg	PANHORI	77.2500	27.4450	8.73	2310	24	464	326	380	20	0.13	610	32	128.9	314	2	0.8	0	1502
W273300077180002	BHARATPUR	Deeg	Pasta	77.3000	27.5500	7.78	16590	0	256	6210	300	337	0.10	6080	588	1121.6	1408	238	3.4	0.43	10784
W272000077330001	BHARATPUR	Kumher	RARAH PZI	77.5500	27.3330	8.07	6260	0	159	1879	685	32	0.09	2100	296	331.02	553	172	0.2	1.11	4069
W265900077340001	BHARATPUR	Roopwas	Roopwas1	77.5670	26.9830	7.70	5595	0	183	1750	250	95	0.02	1360	252	177.79	738	3	1.1	1.02	3637
W265945077293001	BHARATPUR	Roopwas	SALABAD	77.4920	26.9960	8.00	2660	0	488	454	275	178	0.22	600	52	114.34	401	1	0.6	1.82	1729
W273300077180001	BHARATPUR	Deeg	SIHORA	77.3000	27.5500	8.85	1480	24	293	333	15	23	3.35	570	76	92.48	81	31	1.9	0.12	962
W270532077243901	BHARATPUR	Roopwas	UCHAIN	77.4110	27.0920	7.83	1450	0	354	227	28	105	0.10	440	60	70.58	131	1	0.6	2.5	943
W270050077103001	BHARATPUR	Weir	WEIR1	77.1750	27.0140	8.58	3380	72	781	574	107	313	0.14	800	20	182.37	521	2	1.5	0	2197
W254315075211501	BHILWARA	Jahazpur	AMARWASI	75.3540	25.7210	8.29	3350	0	866	604	200	7	0.01	210	28	34.07	735	3	7.8	0.11	2178
W255000074170001	BHILWARA	Asind	BADNOR	74.2830	25.8330	7.84	3650	0	573	852	306	32	0.01	410	72	56.01	740	4	1.8	0.11	2373
W252915074420001	BHILWARA	Banera	BANERAMATAJI	74.7000	25.4880	7.74	980	0	378	142	30	65	0.01	400	68	56	90	7.1	0.5	0.11	637
W254530074280001	BHILWARA	Asind	BARASNI	74.4670	25.7580	7.60	4600	0	500	1122	550	26	0.01	640	116	85.24	895	6	1	2.7	2990
W251440075023001	BHILWARA	Mandalgarh	BIGOD	75.0420	25.2440	7.50	850	0	366	78	30	45	0.01	300	68	31.69	80	8.6	0	1	553
W251012075192201	BHILWARA	Mandalgarh	BIJOLIA	75.3230	25.1700	7.62	1950	0	317	362	300	50	0.01	630	144	65.82	225	7.4	1	0.2	1268
W253140074180301	BHILWARA	Mandal	Dahimatha	74.3010	25.5280	7.88	3000	0	781	596	180	13	0.01	240	40	34.09	670	4.6	4.3	0.7	1950
W251700074093001	BHILWARA	Raipur	DEVARIA	74.1580	25.2830	8.08	1400	0	586	142	40	50	0.01	450	100	48.75	145	5.1	0.2	0.06	910
W251300074153501	BHILWARA	Sahada	GANGAPUR1	74.2600	25.2170	7.89	3200	0	817	547	300	44	0.01	540	40	107.03	575	5.6	0.8	0.08	2080
W255400074410001	BHILWARA	Hurda	GULABPURA	74.6830	25.9000	8.03	850	0	403	78	20	3	0.01	230	44	29.23	110	3.5	1.1	1.54	553
W253820075065501	BHILWARA	Jahazpur	GULABPURA1	75.1150	25.6390	7.88	1300	0	561	185	80	20	0.01	250	36	38.94	270	4.4	4.3	0.07	845
W251050074345001	BHILWARA	Suwana	HAMIRGARH	74.5810	25.1810	7.76	1600	0	305	284	225	19	0.01	370	48	60.84	250	7	1.3	0.62	1040
W253715075163001	BHILWARA	Jahazpur	JAHJAPUR	75.2750	25.6210	7.80	2200	0	354	355	380	52	0.01	640	144	68.25	275	4.4	1.8	0.07	1430
W253100074160001	BHILWARA	Mandal	Karera	74.2670	25.5170	8.07	2300	0	671	426	150	31	0.01	210	44	24.37	520	5.8	2	0.4	1495
W252350074533001	BHILWARA	Kotri	KOTARI	74.8920	25.3970	7.87	840	0	342	78	20	36	0.01	290	92	14.7	70	8.3	0.6	8.8	546
W251015074180001	BHILWARA	Sahada	LAKOLA	74.3000	25.1710	7.80	2400	0	512	589	78	24	0.01	720	72	131.38	280	22	0.9	0.36	1560
W251700075053801	BHILWARA	Mandalgarh	MANDALGARH1	75.0940	25.2830	8.28	1300	0	622	128	90	2	0.01	240	28	41.37	258	3.3	5	0.31	845
W251610074381501	BHILWARA	Suwana	MANDAPIA RS	74.6380	25.2690	7.82	1700	0	512	263	120	50	0.01	320	44	51.11	300	5.9	1.5	1.68	1105
W252715074111501	BHILWARA	Raipur	NANGPURA	74.1880	25.4540	7.62	1900	0	281	412	165	100	0.01	430	68	63.3	290	6.4	0.8	0.09	1235
W253104075053001	BHILWARA	Kotri	PAROLI	75.0920	25.5180	7.66	840	0	207	78	45	115	0.01	280	52	36.53	65	3.7	0.6	0.08	546
W255010074583001	BHILWARA	Shahpura	PHULIA1	74.9750	25.8360	8.42	4860	60	293	1136	490	5	0.07	360	56	53.56	957	16	2	0.49	3159
W252226074063001	BHILWARA	Raipur	PITAKHERA	74.1080	25.3740	7.40	1430	0	366	234	80	100	0.01	440	88	53.6	170	3.9	1.8	0.26	930
W253800074360001	BHILWARA	Banera	RAILA ROAD	74.6000	25.6330	7.60	1520	0	610	213	70	23	0.01	280	48	38.96	285	8.4	1.8	2.6	988
W251825074520001	BHILWARA	Kotri	SAWAIPUR	74.8670	25.3070	7.91	2950	0	769	525	220	125	0.01	310	40	51.11	650	6.7	6	0.19	1918
W253615074540001	BHILWARA	Shahpura	SOPURA	74.9000	25.6040	7.95	2570	0	586	469	170	90	0.01	320	32	58.39	500	6	6.5	0.04	1671
W252100074420001	BHILWARA	Suwana	SUWANAN1	74.7000	25.3500	7.86	1160	0	451	149	70	5	0.01	330	36	58.4	155	4.8	1.3	0.06	754
W253551074184801	BHILWARA	Asind	TILOLI	74.3130	25.5980	7.83	865	0	403	78	40	13	0.01	340	68	41.42	71	3.3	0.4	0.65	562
W284010072450001	BIKANER	Bikaner	6 PB	72.7500	28.6690	7.92	750	0	158	50	160	12	0.04	36	12	1.47	140	4	3.8	0.6	488
W275600072303001	BIKANER	Kolayat	BAJUJ	72.5100	27.9300	7.09	445	0	110	57	45	4	0.12	130	28	14.62	40	5	0.7	0.52	289

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W285600073530001	BIKANER	Lunkaransar	ARIANSAR	73.8830	28.9330	7.33	545	0	183	57	30	6	0.12	100	20	12.18	78	3	2.1	0.37	354
W274415072081501	BIKANER	Kolayat	BHIKAMPUR	72.1380	27.7380	7.96	450	0	118	32	112	2	0.18	200	50	18.3	29	1	1.3	0.05	293
W275215072433001	BIKANER	Kolayat	BITHNOK	72.7250	27.8710	7.13	342	0	110	43	27	1	0.13	130	20	19.47	25	4	1.3	1.23	222
W280500074003001	BIKANER	Dungargarh	DUNGARGARH	74.0080	28.0830	7.68	1010	0	195	121	175	21	0.02	120	20	17.04	189	4	1.8	0.16	657
W275930072160001	BIKANER	Kolayat	GODU	72.2670	27.9920	7.04	335	0	110	35	20	4	0.04	100	20	12.18	28	5	0.9	0.13	218
W281940073293001	BIKANER	Lunkaransar	Kasturia Pz	73.4920	28.3280	6.75	432	0	110	57	30	6	0.10	100	24	10	52	5	2	0.25	281
W281145073232801	BIKANER	Bikaner	KHARA1	73.3910	28.1960	6.98	420	0	122	43	44	3	0.01	130	28	14.62	37	5	1	0.19	273
W275745073333001	BIKANER	Bikaner	KODAMDESAR	73.5580	27.9630	6.85	420	0	73	64	40	4	0.03	100	4	21.89	43	5	1.1	0.16	273
W285200073210001	BIKANER	Lunkaransar	LAKHANSAR	73.3500	28.8670	7.42	2160	0	171	206	60	840	0.30	760	144	97.43	175	31	2.3	0.22	1404
W281900073113001	BIKANER	Bikaner	LAKHUSAR	73.1920	28.3170	6.98	668	0	122	114	58	5	0.25	160	36	17.06	75	7	1.8	0.24	434
W280300072293001	BIKANER	Kolayat	MANKASAR	72.4920	28.0500	8.22	825	0	427	28	10	5	0.13	20	2	3.65	182	2	2.2	0.41	536
W285305073171501	BIKANER	Lunkaransar	RANER	73.2880	28.8850	8.07	4380	0	549	916	390	135	0.01	210	36	29.22	940	8	1.2	0.7	2847
W283530073044501	BIKANER	Bikaner	SATTASAR	73.0790	28.5920	7.84	650	0	268	50	25	8	0.00	140	20	21.91	88	4	1.4	0.16	423
W251600075460001	BUNDI	Talera	BALLOP	75.7670	25.2670	7.93	940	0	342	92	54	33	0.02	330	56	46.26	74	4.4	1	0.04	611
W253100076100001	BUNDI	Keshorai Patan	Dahi Khera	76.1670	25.5170	8.12	1900	0	634	142	176	65	0.01	700	80	121.66	118	1.4	0.3	0.32	1235
W252815075520001	BUNDI	Bundi	DELUNDA	75.8670	25.4710	8.34	1012	48	366	70	42	14	0.01	340	56	48.69	90	2.8	1.2	0.06	658
W253230075594501	BUNDI	Keshorai Patan	GAINDOLI	75.9960	25.5420	8.01	720	0	293	57	38	1	0.01	280	68	26.83	39	0	0.3	0.19	468
W252328076042501	BUNDI	Keshorai Patan	KAPREN	76.0740	25.3910	8.32	2100	48	500	227	232	3	0.01	300	32	53.53	350	0.4	1.6	0.09	1365
W251908075555001	BUNDI	Keshorai Patan	KESHORAIPTAN	75.9310	25.3190	8.36	4492	60	683	681	592	12	0.30	220	40	29.22	934	0.7	1.1	0.07	2920
W254000076110001	BUNDI	Keshorai Patan	LAKHERI	76.1830	25.6670	8.32	1700	96	220	227	200	0	0.01	300	40	48.67	262	5.9	1.3	0.1	1105
W252430075531501	BUNDI	Keshorai Patan	MAIJA	75.8880	25.4080	8.25	1600	0	415	284	53	0	0.04	270	28	48.66	246	0.8	1.9	0.07	1040
W252940075493001	BUNDI	Bundi	RAJWAS	75.8250	25.4940	7.24	3050	0	366	653	148	197	0.02	1080	280	92.73	200	17	0.5	1.3	1983
W252400075333001	BUNDI	Bundi	RAMNAGAR	75.5580	25.4000	8.34	1580	48	366	199	96	24	0.01	460	64	73.02	150	0.5	1.3	1.19	1027
W252820075331501	BUNDI	Hindoli	SATUR	75.5540	25.4720	8.06	190	0	73	28	12	3	0.01	80	16	9.74	17	0.4	0.2	0.04	124
W244400074160001	CHITTAURGARH	Kapasan	AKOLA	74.2670	24.7330	8.29	2150	0	964	142	127	45	0.23	150	20	24.34	464	2	1.9	0	1398
W250300074380001	CHITTAURGARH	Gangrar	GANGRAR1	74.6330	25.0500	7.97	1114	0	451	142	75	39	0.04	440	120	34	107	7	0.6	0	724
W245140074183001	CHITTAURGARH	Kapasan	KAPASAN1	74.3080	24.8610	8.41	1920	24	927	135	20	50	0.19	130	16	21.9	424	2	2.5	0	1248
W250210074293001	CHITTAURGARH	Gangrar	KHARKHANDA	74.4920	25.0360	8.44	1124	48	305	163	80	12	0.06	130	16	21.9	238	5	0.5	0	731
W245420074384001	CHITTAURGARH	Chittaurgarh	MANPURA2	74.6440	24.9060	7.77	1032	0	293	113	147	59	0.01	420	116	31.75	84	1	0.7	0.03	671
W250440075100001	CHITTAURGARH	Begun	MENAL	75.1670	25.0780	7.70	960	0	342	106	70	25	0.06	310	76	29.27	97	3	0.7	0.17	624
W245230074160001	CHITTAURGARH	Kapasan	MUNGANA	74.2670	24.8750	8.00	480	0	268	21	46	4	0.02	220	60	17.09	36	4	0.7	0	312
W245700074420001	CHITTAURGARH	Chittaurgarh	NAGARI1	74.7000	24.9500	7.69	1000	0	305	113	146	58	0.06	430	116	34.18	83	1	0.7	0.15	650
W244100074210001	CHITTAURGARH	Bhadesar	NAPANIA	74.3500	24.6830	7.72	800	0	305	85	66	35	0.02	280	64	29.25	86	1	1	0	520
W250811074531501	CHITTAURGARH	Begun	PARSOLI	74.8880	25.1360	7.68	850	0	329	106	70	26	0.18	300	72	29.26	95	7	0.9	0.18	553
W245630074311001	CHITTAURGARH	Chittaurgarh	PUROHITOKASAVAT	74.5190	24.9420	8.00	2900	0	720	532	152	122	0.23	440	52	75.43	532	3	2.3	0.43	1885
W250400074214501	CHITTAURGARH	Rashmi	RASHMI1	74.3630	25.0670	8.12	3590	0	342	823	547	9	0.02	600	96	87.64	651	4	1.8	0	2334
W245600075353001	CHITTAURGARH	Bhainsrogarh	RAWATBHATA	75.5920	24.9330	7.49	570	0	159	71	38	21	0.08	180	40	19.5	49	1.9	0.1	0.07	371
W274400074070001	CHURU	Sujjargarh	BAMBOO	74.1170	27.7330	7.80	2880	0	159	540	854	75	0.01	1140	276	109	325	6.2	1.8	0.33	1872
W274315074323001	CHURU	Sujjargarh	BHOJASAR	74.5420	27.7210	8.16	1560	0	415	277	67	90	0.01	410	32	80.27	210	17	3.2	0.29	1014
W275900074351501	CHURU	Ratangarh	BHOJASAR	74.5880	27.9830	7.23	320	0	110	43	53	4	0.06	160	36	17.06	21	4	0.5	0.25	208
W274900074170001	CHURU	Sujjargarh	BIDASAR	74.2830	27.8170	7.84	2468	0	409	327	320	460	0.01	900	112	150.88	265	24	0.5	0.1	1604
W281545074523001	CHURU	Churu	BINASAR	74.8750	28.2630	8.11	5900	0	409	1179	1121	210	0.01	450	76	63	1300	57	3.6	0.07	3835
W280230074473001	CHURU	Ratangarh	BIRAMSAR1	74.7920	28.0420	8.09	4400	0	1122	696	540	78	0.01	490	28	102.15	940	5.5	2.5	0.29	2860
W285030074543001	CHURU	Taranagar	DHIRAWAS	74.9080	28.8420	7.58	312	0	110	28	58	4	0.02	160	36	17.06	14	4	0.5	0.65	203
W274415074281001	CHURU	Sujjargarh	GULERIYA	74.4690	27.7380	8.24	2326	0	403	462	90	190	0.01	170	28	24.35	470	37	1.1	0.13	1512
W283830074223001	CHURU	Sardar Sahar	HARDESAR	74.3750	28.6420	7.89	3952	0	281	1000	132	236	0.32	670	108	97.38	593	7	0.6	0.24	2569
W282450074151001	CHURU	Sardar Sahar	KHUNDIA	74.2530	28.4140	8.01	2450	0	720	355	265	17	0.01	250	24	46.22	520	5.7	1.6	0.08	1593

Chemical analysis results of samples collected during NHS monitoring 2016

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W280030074373001	CHURU	Ratangarh	LOHA1	74.6250	28.0080	8.24	4510	0	317	1420	115	29	0.02	450	32	90	900	9.1	1.6	0.21	2932
W282200074321501	CHURU	Sardar Sahar	MEHRASAR	74.5380	28.3670	8.24	3420	0	598	824	120	110	0.01	170	48	12.21	780	5	1.9	0.1	2223
W283015074441501	CHURU	Sardar Sahar	MELUSAR	74.7380	28.5040	8.06	2500	0	384	604	170	150	0.01	420	32	83	480	5.6	1.2	0.06	1625
W282800075282001	CHURU	Rajgarh	NEEMA	75.4720	28.4670	8.46	2611	24	854	291	6	228	0.19	140	12	26.76	571	2	18	0	1697
W283800075223001	CHURU	Rajgarh	RAJGARH1	75.3750	28.6330	8.76	23140	48	547	255	38	332	0.21	270	20	53.51	421	4	10	0.06	15041
W282800074514501	CHURU	Churu	RAMPURA	74.8630	28.4670	8.09	6180	0	354	1803	500	170	0.01	1100	112	199.5	1100	9.3	1	0.15	4017
W280500074370001	CHURU	Ratangarh	RATANGARH	74.6170	28.0830	8.07	4900	0	488	1037	350	300	0.01	450	52	77.87	930	5.7	3.1	0.14	3185
W284200074210001	CHURU	Sardar Sahar	SADASAR	74.3500	28.7000	7.80	318	0	98	50	14	5	0.27	120	32	9.76	20	5	0.6	0.1	207
W282620074262001	CHURU	Sardar Sahar	SARDARSHAHAR	74.4390	28.4390	8.24	2100	0	620	312	120	45	0.03	100	16	14.61	480	4.8	11	0.04	1365
W281300074480001	CHURU	Churu	Satda	74.8000	28.2170	8.04	4160	0	439	937	400	175	0.01	670	56	129	720	7	0.7	1.16	2704
W285230074503001	CHURU	Taranagar	SHAWA	74.8420	28.8750	8.00	3120	0	512	277	345	898	0.21	1420	172	240.91	158	104	5.5	4.93	2028
W282600075075001	CHURU	Churu	SIRSALA	75.1310	28.4330	7.90	300	0	122	43	8	5	0.01	130	36	9.77	18	5.5	0.7	0.13	195
W280400074440002	CHURU	Ratangarh	TIDIYASAR	74.7330	28.0670	7.55	4714	0	293	1065	520	600	0.01	1450	168	250	600	14	0.5	0.17	3064
W265830076173001	DAUSA	Dausa	BAPI	76.2920	26.9750	7.93	5230	0	630	1450	315	10	0.05	1170	122	210.46	794	11	3.1	0.11	3400
W271000076350001	DAUSA	Bandikui	Baswa1	76.5830	27.1670	7.64	2030	0	370	404	165	30	0.07	440	112	39.04	289	3	0.6	5.1	1320
W265500076240001	DAUSA	Dausa	BHANDAREJ	76.4000	26.9170	8.29	1640	0	630	174	48	15	0.07	390	70	52.36	200	4	1.4	0.2	1066
W265500076240001	DAUSA	Dausa	BHANDAREJ	76.4000	26.9170	8.40	1448	96	85	174	252	5	0.05	380	58	57.21	168	3	1.2	0.42	941
W264800076200001	DAUSA	Dausa	BIGAWAS MOD	76.3330	26.8000	7.80	3080	0	370	604	447	5	0.05	290	84	19.55	616	3	2	0.25	2002
W265345076193002	DAUSA	Dausa	Dausa	76.3250	26.8960	7.39	4950	0	642	728	380	650	0.07	720	122	101.05	808	4	1.3	2.11	3218
W265345076193001	DAUSA	Dausa	DAUSA1	76.3250	26.8960	6.93	2340	0	825	260	110	10	0.09	260	30	45.02	416	7	1.6	0.2	1521
W265400077020001	DAUSA	Mahua	DHAND1	77.0330	26.9000	7.80	4090	0	370	977	480	14	0.05	1420	402	101.39	354	3	0.2	0.12	2659
W270417076442401	DAUSA	Bandikui	Dhigaria Bheem Pam	76.7400	27.0710	8.39	1700	84	520	160	50	9	0.14	360	38	64.48	228	3	2	0.3	1105
W264845076303501	DAUSA	Sikrai	GARH RANOLI	76.5100	26.8130	8.10	600	0	220	50	27	42	0.05	270	92	9.84	19	5	0.3	2.1	390
W265830076572001	DAUSA	Mahua	Ghazipur-Pz	76.9560	26.9750	8.23	1550	60	154	267	130	50	0.05	350	14	76.6	199	3	2.3	0.36	1008
W265200076390001	DAUSA	Sikrai	Gijgarh	76.6500	26.8670	7.35	1350	0	458	96	230	30	0.05	210	62	13.45	254	12	0.5	1.2	878
W265400077020002	DAUSA	Mahua	Higetawari Dhani	77.0330	26.9000	8.00	3350	0	569	565	418	10	0.05	460	30	93.64	574	4	1	0.32	2178
W265800076200001	DAUSA	Dausa	Jasuta	76.3330	26.9670	8.10	3150	0	715	536	205	23	0.06	460	34	91.22	519	7	8.2	0.33	2048
W265900076243001	DAUSA	Dausa	Kalipahari	76.4080	26.9830	8.00	640	0	110	154	20	10	0.07	80	22	6.11	119	3	0.6	0.35	416
W263400076201501	DAUSA	Lalsot	LALSOT1	76.3380	26.5670	8.20	2150	0	679	316	55	30	0.08	390	62	57.21	319	3	0.3	1.63	1398
W265700076440001	DAUSA	Sikrai	LANGRA BALAJI	76.7330	26.9500	8.20	1110	0	398	82	38	90	0.03	310	54	42.61	113	3	0.4	0.1	722
W264700076130001	DAUSA	Dausa	LAWAN1	76.2170	26.7830	8.49	5950	0	459	1566	380	6	0.05	1200	154	198.34	819	8	0.3	0.35	3868
W270200076550001	DAUSA	Mahua	Mahua	76.9170	27.0330	8.35	1150	72	154	144	125	4	0.06	110	4	24.32	220	2	2.1	0.24	748
W264445076201002	DAUSA	Dausa	Nagal Rajawatan	76.3360	26.7460	8.40	1480	60	270	247	168	20	0.07	500	132	41.49	166	3	0.8	0.05	962
W264100076120001	DAUSA	Lalsot	PRAHLADPURA	76.2000	26.6830	8.42	2580	60	416	354	415	2	0.18	550	112	65.78	380	2	0.2	1.85	1677
W270700076500001	DAUSA	Reni	Rampura2	76.8330	27.1170	7.82	2240	0	320	384	325	20	0.10	310	92	19.56	394	2	3.2	3.65	1456
W270500076540001	DAUSA	Mahua	RASHIDPURA1	76.9000	27.0830	8.40	1650	24	362	288	95	10	0.05	220	34	32.86	292	3	2.2	0.02	1073
W265500077010001	DAUSA	Mahua	Talchidi	77.0170	26.9170	8.18	4400	0	1338	586	545	6	0.04	320	22	64.46	1004	3	2.5	0.02	2860
W263900077480001	DHAULPUR	Dholpur	AITHMEEL	77.8000	26.6500	8.00	820	0	354	78	20	15	0.20	310	120	2.58	56	2	0.8	0	533
W263607077283601	DHAULPUR	Baseri	ANGAI	77.4770	26.6020	8.00	680	0	329	50	18	16	0.05	290	96	12.27	26	21	0.2	0.2	442
W265410077560001	DHAULPUR	Dholpur	BARETHA KALAN	77.9330	26.9030	8.25	1430	0	586	191	58	15	0.08	140	12	26.76	315	1	2.4	0	930
W264000077370001	DHAULPUR	Bari	BARI1	77.6170	26.6670	7.70	1270	0	464	121	70	122	0.02	360	52	55.98	165	4	1	1.84	826
W264100077520001	DHAULPUR	Dholpur	Dhaulpur	77.8670	26.6830	8.00	2650	0	403	695	70	165	0.02	1080	212	133.98	197	8	0.5	0	1723
W264100077520002	DHAULPUR	Dholpur	Dhaulpur1	77.8670	26.6830	8.13	850	0	329	92	46	44	0.05	290	52	38.96	88	3	0.5	0	553
W263430077413001	DHAULPUR	Bari	GAJPURA	77.6920	26.5750	7.90	1770	0	329	362	127	33	0.02	340	80	34.14	274	5	1.4	7.76	1151
W265130077430001	DHAULPUR	Dholpur	KANTHRI	77.7170	26.8580	8.00	705	0	305	57	36	22	0.02	310	88	21.99	34	1	0.3	1.08	458
W264900077411002	DHAULPUR	Baseri	Lebudapura	77.6860	26.8170	8.20	1550	0	854	71	65	28	0.01	200	36	26.79	318	0	1.9	0.83	1008
W264900077573001	DHAULPUR	Rajakhera	Mangraul	77.9580	26.8170	8.26	2830	0	671	227	655	44	0.02	250	48	31.67	616	1	1.2	0	1840

Chemical analysis results of samples collected during NHS monitoring 2016

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W264800078020002	DHAULPUR	Rajakhera	MARAINA	78.0330	26.8000	7.60	5720	0	500	837	484	1512	0.15	1820	168	340.59	202	825	0.3	2.96	3718
W263120077231501	DHAULPUR	Baseri	NAKATPURA	77.3880	26.5220	8.00	3060	0	207	936	130	29	0.02	410	108	34.17	567	7	0.5	0.84	1989
W265300077470001	DHAULPUR	Dholpur	PIPEHARA	77.7830	26.8830	8.00	2710	0	720	567	113	162	0.13	840	88	150.85	364	7	0.7	2.2	1762
W264610077355001	DHAULPUR	Baseri	SALEMPUR	77.5970	26.7690	8.00	1760	0	756	149	123	99	0.03	550	52	102.18	225	1	1.5	0.85	1144
W265050078053001	DHAULPUR	Rajakhera	SAWALIAPURA	78.0920	26.8470	8.20	2390	0	915	227	237	8	0.23	280	20	55.94	480	2	1.1	0	1554
W265600078081502	DHAULPUR	Rajakhera	SIKRONDA	78.1380	26.9330	7.86	1295	0	342	255	107	0	0.01	380	64	53.57	169	5	0.6	2.48	842
W235319073540301	DUNGARPUR	Dungarpur	HATHAI	73.9010	23.8890	8.00	1750	0	435	231	185	2	0.13	620	74	105.85	105	26	1	0.11	1138
W235100074050002	DUNGARPUR	Aspur	KABJA	74.0830	23.8500	8.40	470	24	156	34	8	54	0.00	130	22	18.26	64	2	0.5	3.42	306
W235100073464501	DUNGARPUR	Dungarpur	MANPUR2	73.7790	23.8500	8.29	830	0	370	75	7	42	0.01	370	36	68.12	39	2	1.1	3.2	540
W235500073480001	DUNGARPUR	Dungarpur	Ramgarh	73.8000	23.9170	8.20	1355	0	410	217	100	15	0.01	250	34	40.16	234	2	0.5	0.91	881
W291200073130002	GANGANAGAR	Anupgarh	Anupgarh1	73.2170	29.2000	8.02	1800	0	305	468	28	6	0.00	520	76	80.33	192	7	0.1	0	1170
W294930073434501	GANGANAGAR	Ganganagar	CHUNAWAD	73.7290	29.8250	7.34	280	0	110	28	12	4	0.06	120	36	7.34	11	3	0.1	0.56	182
W294330073354501	GANGANAGAR	Padampur	DELWAN	73.5960	29.7250	7.51	240	0	110	21	15	3	0.00	110	28	9.76	11	4	0.2	0.2	156
W293800073270001	GANGANAGAR	Raisingh Nagar	GAJISINGHPURA	73.4500	29.6330	7.73	680	0	159	92	88	3	0.00	210	48	21.94	64	6	0.3	0	442
W293545073370001	GANGANAGAR	Padampur	GANGUWALA	73.6170	29.5960	7.40	260	0	98	21	10	5	0.00	120	32	9.76	8	3	0.3	0.07	169
W290745073471501	GANGANAGAR	Suratgarh	HARISINGHPURA	73.7880	29.1290	7.70	650	0	1954	106	20	27	0.00	170	48	12.21	83	3	0.3	0	423
W292115073380001	GANGANAGAR	Anupgarh	JAITSAR	73.6330	29.3540	7.70	260	0	110	35	16	5	0.00	120	24	14.62	16	5	2	0.75	169
W295030074012001	GANGANAGAR	Sadul Shahar	LALGARH JATAN	74.0220	29.8420	7.59	265	0	110	28	22	3	0.00	120	32	10	15	4	0.2	0.11	172
W294815073513001	GANGANAGAR	Ganganagar	MAHIYANWALI	73.8580	29.8040	7.89	5100	0	207	972	1294	40	0.00	1330	208	197.19	719	24	1.8	0.15	3315
W294600074050001	GANGANAGAR	Sadul Shahar	MORJHAND KHERI	74.0830	29.7670	7.22	320	0	98	35	39	4	0.00	140	36	12.2	14	4	0.2	0.02	208
W293115073350001	GANGANAGAR	Raisingh Nagar	MUKLAWA	73.5830	29.5210	7.15	260	0	110	28	16	3	0.00	120	28	12.19	12	4	0.2	0	169
W293230073270001	GANGANAGAR	Raisingh Nagar	RAISINGHNAGAR	73.4500	29.5420	8.00	1480	0	695	156	197	2	0.00	680	104	102.24	138	15	0.5	0	962
W291000073223001	GANGANAGAR	Anupgarh	RAMSINGHPURA	73.3750	29.1670	8.25	1240	0	500	184	40	25	0.03	160	24	24.34	263	2	0.5	0	806
W284800073040001	GANGANAGAR	Gharsana	ROJARI	73.0670	28.8000	8.23	3280	0	268	866	210	120	0.01	150	16	26.76	770	11	9.1	0	2132
W294745073264501	GANGANAGAR	Karanpur	RUPANAGAR	73.4460	29.7960	7.72	450	0	232	28	32	1	0.00	230	64	17.1	13	6	0.5	0.74	293
W294145073550001	GANGANAGAR	Sadul Shahar	SURANWALI	73.9170	29.6960	7.24	280	0	98	43	42	3	0.03	150	28	19.48	15	4	0.2	0	182
W294830073440001	GANGANAGAR	Ganganagar	TATARSAR	73.7330	29.8080	7.32	370	0	171	35	26	3	0.00	170	44	14.64	21	5	0.3	0.5	241
W290600075090001	HANUMANGARH	Bhadra	Bhadra1	75.1500	29.1000	7.70	320	0	146	14	66	6	0.06	200	44	22	5	4	0.4	0.38	208
W291400074450002	HANUMANGARH	Nohar	BHUKARKA	74.7500	29.2330	7.90	300	0	85	21	45	4	0.24	140	48	4.92	4	2	0.1	0.84	195
W290430074180001	HANUMANGARH	Rawatsar	BIRAMSAR	74.3000	29.0750	7.57	280	0	98	43	23	4	0.00	120	24	14.62	20	4	0.2	0	182
W285200074164001	HANUMANGARH	Rawatsar	BISRASAR	74.2780	28.8670	7.78	275	0	85	35	22	2	0.01	100	20	12.18	20	3	0.1	0	179
W293730074303001	HANUMANGARH	Tibi	CHANDURWALA	74.5080	29.6250	8.10	700	0	366	64	33	4	0.00	220	24	38.93	93	6	0.3	0	455
W292132074355001	HANUMANGARH	Tibi	CHISTIAN	74.5990	29.3590	7.60	300	0	146	28	22	4	0.24	150	32	17.06	15	4	0.3	0	195
W292245074161501	HANUMANGARH	Hanumangarh	CHOHLINYAWALI	74.2710	29.3790	7.94	345	0	171	28	10	1	0.00	160	36	17.06	12	5	0.4	0.83	224
W285430074080001	HANUMANGARH	Rawatsar	DUDHAL	74.1330	28.9080	8.15	3190	0	537	92	32	212	0.01	200	24	34	263	4	0.5	0.32	904
W293800074033601	HANUMANGARH	Hanumangarh	GOLUWALA	74.0600	29.6330	7.60	400	0	146	35	38	6	0.06	160	32	19	20	11	0.3	0.75	260
W293340074200001	HANUMANGARH	Hanumangarh	KOHLA	74.3330	29.5610	7.54	260	0	98	28	32	4	0.08	120	28	12	15	4	0.1	0.13	169
W290200074440001	HANUMANGARH	Nohar	LAKHASAR2	74.7330	29.0330	7.48	255	0	110	35	4	3	0.04	110	24	12	15	4	0.3	0.03	166
W285815075020001	HANUMANGARH	Bhadra	MALSISAR	75.0330	28.9710	7.69	1965	0	854	269	55	36	0.34	520	60	90	179	203	0.4	0.34	1277
W292830074241001	HANUMANGARH	Hanumangarh	MUNDA	74.4030	29.4750	7.93	4180	0	427	738	930	148	0.14	1380	184	223.9	496	18	0.3	1.61	2717
W291650074460001	HANUMANGARH	Nohar	NOHAR1	74.7670	29.2810	7.50	850	0	122	99	180	5	0.02	250	52	29.24	81	7	0.4	0.06	553
W294100074094501	HANUMANGARH	Hanumangarh	PAKKASARNA	74.1630	29.6830	7.62	290	0	98	28	42	5	0.21	130	28	14.62	16	4	0.3	0.22	189
W294100074060001	HANUMANGARH	Hanumangarh	Pale Wali Dhani	74.1000	29.6830	7.70	310	0	110	28	30	6	0.16	140	28	17.05	11	3	0.3	0.26	202
W285500074120001	HANUMANGARH	Rawatsar	PALLU	74.2000	28.9170	7.93	320	0	98	43	38	4	0.10	140	40	9.77	19	3	0.3	0	208
W293600074262501	HANUMANGARH	Tibi	PANNIWALI	74.4400	29.6000	8.16	960	0	464	50	70	12	0.07	160	24	24.34	168	7	1.5	0	624
W290200074170001	HANUMANGARH	Rawatsar	PURABSAR	74.2830	29.0330	7.74	2970	0	85	142	1530	73	0.02	1650	448	129.4	96	53	1.4	0	1931
W295100074270001	HANUMANGARH	Sangaria	RATANPURA	74.4500	29.8500	7.88	1000	0	220	121	140	9	0.15	180	40	19.5	144	10	0.7	0	650

**Chemical analysis results of samples collected during NHS monitoring 2016**

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in µS	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W291510074245001	HANUMANGARH	Rawatsar	RAWATSAR	74.4140	29.2530	7.73	18720	0	293	3085	3478	3640	0.00	3950	556	623.09	3259	91	1.9	2.73	12168
W294200074291501	HANUMANGARH	Tibi	SALEWALI	74.4880	29.7000	7.70	270	0	98	28	38	3	0.10	130	28	15	15	4	1.3	0	176
W293730074190001	HANUMANGARH	Hanumangarh	SATIPURA	74.3170	29.6250	8.00	1350	0	415	142	220	10	0.04	360	32	68.12	188	8	0.3	0.6	878
W293400074303001	HANUMANGARH	Tibi	Tibbi	74.5080	29.5670	7.50	2150	0	671	319	38	91	0.13	530	140	43.93	247	38	0.3	0.45	1398
W265900075520001	JAIPUR	Jhotwara	AMBER	75.8670	26.9830	8.50	1445	48	301	188	34	140	0.01	410	50	69.3	138	30	2	0.25	939
W265913075301301	JAIPUR	Sambher	Bassi Nagal	75.5040	26.9870	8.07	835	0	378	64	20	17	0.09	160	28	22	126	2	0.8	0	543
W265000076040002	JAIPUR	Bassi	BASSI2	76.0670	26.8330	7.84	2705	0	683	504	200	30	0.13	500	64	83	462	4	0.5	0	1758
W271100076040001	JAIPUR	Jamwa Ramgarh	DATAL GURJAN	76.0670	27.1830	7.81	430	0	205	13	16	22	0.04	180	34	23.1	20	2	0.3	0.3	280
W265830075240001	JAIPUR	Sambher	JOBNER	75.4000	26.9750	8.00	3104	0	1196	447	68	32	0.11	140	16	24	719	4	3.2	0	2018
W265830075360001	JAIPUR	Jhotwara	KALWAD	75.6000	26.9750	8.35	1150	36	305	170	28	12	0.10	100	8	19.46	223	5	0.6	0.26	748
W270010075583001	JAIPUR	Jamwa Ramgarh	MALAWALA	75.9750	27.0030	8.19	1110	0	460	106	10	58	0.05	60	16	5	241	3	1.3	0.18	722
W263636075164001	JAIPUR	Dudu	MANGARWARA	75.2780	26.6100	8.42	7930	24	854	1830	830	133	0.23	640	24	141	1685	18	8.4	0	5155
W264100075214501	JAIPUR	Dudu	MOZMABAD	75.3630	26.6830	8.54	930	12	439	85	38	37	0.13	170	24	27	184	1	2.5	1.13	605
W264410075180001	JAIPUR	Dudu	PALLUKHURD	75.3000	26.7360	8.37	2040	24	695	241	202	45	0.23	150	24	22	480	4	4.7	0	1326
W270700076121801	JAIPUR	Jamwa Ramgarh	RASALA	76.2050	27.1170	8.00	2740	0	586	660	148	39	0.01	610	44	121.62	458	2	1.7	5.93	1781
W264249075540201	JAIPUR	Chaksu	SHIVDASPURA	75.9010	26.7140	7.54	660	0	220	78	28	120	0.07	300	64	34.12	51	5	0.5	0.05	429
W271545071424501	JAISALMER	Jaisalmer	AJASAR	71.7130	27.2630	8.40	3050	24	288	473	580	8	0.03	540	92	75.48	464	7.9	1.2	0.4	1983
W273100071500001	JAISALMER	Jaisalmer	AWAI	71.8330	27.5170	7.62	2300	0	398	249	192	420	0.05	280	54	35.3	390	74	1.1	0.2	1495
W262920071483001	JAISALMER	Sankra	BALAR	71.8080	26.4890	8.35	3360	36	331	692	465	15	0.01	315	44	49.9	615	121	0.8	0.1	2184
W263750071293001	JAISALMER	Sankra	BHAINSARA	71.4920	26.6310	7.69	1570	0	397	181	165	96	0.04	270	60	29.2	254	9.1	0.6	1.5	1021
W274312071584601	JAISALMER	Jaisalmer	Bhavanipura Shallow	71.9790	27.7200	8.13	5140	0	55	1273	710	8	0.03	1071	220	127	679	32	0.5	0.12	3341
W271630070583001	JAISALMER	Jaisalmer	BOA	70.9750	27.2750	8.41	4200	96	582	878	230	35	0.01	490	84	68.18	744	34	1.3	0.2	2730
W265930071180001	JAISALMER	Jaisalmer	CHANDAN	71.3000	26.9920	7.74	2620	0	325	550	232	152	0.03	761	178	77.05	287	19	0.8	0.44	1703
W272910070160502	JAISALMER	Sam	GAMANEWALA	70.2680	27.4860	8.10	2620	0	306	578	290	21	0.01	445	108	42.6	429	8.5	1	0.2	1703
W274600070260001	JAISALMER	Sam	GHANTIYALI	70.4330	27.7670	8.00	3730	0	374	922	324	34	0.10	220	30	35.3	802	11	1.3	0.03	2425
W271900070021501	JAISALMER	Sam	GOTARU	70.0380	27.3170	7.70	2200	0	280	561	228	13	0.01	180	34	23	498	7	1	0.05	1430
W264545071361501	JAISALMER	Sankra	GUDDI KA TALA	71.6040	26.7630	8.35	3210	36	313	685	460	13	0.04	300	34	52.3	609	119	0.7	0.22	2087
W270000071000001	JAISALMER	Jaisalmer	HAMIRA	71.0000	27.0000	8.40	3900	48	428	694	498	5	0.02	395	56	62.07	702	12	1.3	0.22	2535
W265630070543501	JAISALMER	Jaisalmer	JAISALMER	70.9100	26.9420	7.94	4280	0	275	649	672	412	0.06	1381	240	190	354	21	0.4	0.13	2782
W264820071541501	JAISALMER	Sankra	KALEWA	71.9040	26.8060	7.86	3620	0	782	550	305	230	0.03	495	88	66.9	656	6.9	2	0.3	2353
W274300070193001	JAISALMER	Sam	Khariakua	70.3250	27.7170	8.45	10800	12	44	2939	1255	10	0.01	2462	338	393	1394	25	1.8	0.27	7020
W263600070420001	JAISALMER	Sam	KHURI	70.7000	26.6000	7.99	2550	0	264	395	520	8	0.03	380	90	37.79	385	86	1	0.09	1658
W274900070290001	JAISALMER	Sam	Khuria Beri	70.4830	27.8170	7.96	2720	0	275	511	412	33	0.02	120	32	9.73	584	12	0.8	0.13	1768
W270850070253001	JAISALMER	Sam	KHUYIALA	70.4250	27.1470	8.12	920	0	170	103	132	95	0.09	240	22	45	82	67	0.5	0.24	598
W270422070332501	JAISALMER	Sam	KUCHERI	70.5570	27.0730	7.99	950	0	216	153	60	70	0.02	290	32	51.1	64	68	0.6	0.35	618
W264330071255701	JAISALMER	Sam	LAKHASAR	71.4330	26.7250	8.40	8550	90	325	1992	1025	16	0.00	1170	242	137	1419	44	1.5	0.01	5558
W273000071310001	JAISALMER	Jaisalmer	LATHI	71.5170	27.5000	7.62	4280	0	275	649	660	430	0.48	1381	241	190	354	21	0.4	0.13	2782
W265220072020001	JAISALMER	Sankra	LAWAN	72.0330	26.8720	7.96	3470	0	764	543	295	235	0.05	480	78	69.3	650	4.9	2.3	0.36	2256
W273130070094402	JAISALMER	Sam	LONGEWALA1	70.1620	27.5250	7.94	2290	0	366	305	240	220	0.12	225	38	31.6	425	10	1	0.12	1498
W264045071341501	JAISALMER	Sankra	LUNA KALAN	71.5710	26.6790	8.22	2770	0	343	557	230	160	0.07	776	188	74.63	293	21	0.9	0.23	1801
W264445071301501	JAISALMER	Sankra	MADASAR	71.5040	26.7460	7.55	2250	0	398	348	185	150	0.12	260	38	40.1	399	7.2	1.3	0.06	1463
W272914070212301	JAISALMER	Sam	Mayathiwala	70.3560	27.4870	8.40	5400	24	216	1474	462	26	0.05	250	72	17	1164	17	1.2	0.1	3510
W265445070500601	JAISALMER	Jaisalmer	MOOLSAGAR	70.8350	26.9130	8.21	1720	0	575	202	80	55	0.08	585	25.2	127	135	8.9	1	0.1	1118
W273100071431501	JAISALMER	Jaisalmer	NACHNA	71.7210	27.5170	8.40	2850	96	403	216	570	46	0.36	605	166	46.2	250	219	1	0.3	1853
W274840070245501	JAISALMER	Sam	NATHU KA BERA	70.4150	27.8110	8.42	5550	24	234	1481	465	29	0.02	265	82	14.8	1170	19	1.1	0.2	3608
W273300072151501	JAISALMER	Jaisalmer	NOKH	72.2540	27.5500	8.45	2750	96	435	259	462	42	0.20	640	146	66.9	224	216	1.2	0.22	1788
W262350071554001	JAISALMER	Sankra	PHALSUND	71.9280	26.3970	7.98	2955	0	270	600	395	110	0.05	300	51	42	576	21	3.5	0.11	1921

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Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W263330071300001	JAISALMER	Sankra	RAJGARH1	71.5000	26.5580	8.20	5320	0	642	1167	604	240	0.15	550	90	79	1122	11	2.1	0.04	3458
W273805070144001	JAISALMER	Sam	SADEWALA	70.2440	27.6350	7.47	7600	0	130	2312	750	30	0.02	1151	218	147	1320	23	0.7	0.29	4940
W264930070301001	JAISALMER	Sam	SAM1	70.5030	26.8250	7.95	800	0	410	25	68	5.7	0.02	260	74	18.2	46	69	0.4	0.21	520
W264300071183001	JAISALMER	Sam	SANWATA	71.3080	26.7170	8.45	1550	72	484	103	118	22	0.01	380	66	52.3	64	224	1.3	0.19	1008
W270500071330001	JAISALMER	Sankra	SRIBHADRIA	71.5500	27.0830	8.45	5250	60	210	1126	675	49	0.05	585	110	75.4	910	37	1.2	0.22	3413
W274800070220001	JAISALMER	Sam	TANOT	70.3670	27.8000	8.13	2270	0	416	355	190	150	0.08	275	48	37.7	405	9.2	1	0.22	1476
W250045072154501	JALORE	Bhinmal	BHINMAL1	72.2630	25.0130	8.50	8300	120	1220	1810	302	133	0.49	650	100	97	1618	12	1.4	0.03	5395
W245630071243001	JALORE	Chitalwana	DOONGRI	71.4080	24.9420	8.42	5700	60	244	1349	368	325	0.06	1050	160	158	821	14	1	0.23	3705
W252300072530001	JALORE	Ahore	NIMLA	72.8830	25.3830	8.47	4593	120	305	1207	130	35.8	0.12	500	100	61	823	27	2.4	0.28	2985
W245830072360001	JALORE	Jaswantpura	PUNAK KALAN	72.6000	24.9750	8.28	6230	60	366	1704	264	27.6	0.09	700	140	85	1104	3.5	1.1	0.07	4050
W250300072330001	JALORE	Jaswantpura	RAMSEEN	72.5500	25.0500	8.31	4980	120	244	1024	488	238	0.27	800	160	97	702	174	0.3	0.05	3237
W242445076334001	JHALAWAR	Manohar Thana	AKLERA	76.5610	24.4130	7.70	1300	0	366	192	86	12.01	0.00	470	76	68.17	93	1.2	0.2	0.55	845
W242915076181001	JHALAWAR	Jhalara Patan	AKTASA	76.3030	24.4880	7.69	2600	0	207	370	592	1.36	0.00	840	168	102	212	9.6	0.1	7.41	1690
W241615076301501	JHALAWAR	Bakani	ASALPUR	76.5040	24.2710	7.82	4560	0	183	951	772	1.97	0.00	370	96	32	878	20	1.9	1.2	2964
W242500076110001	JHALAWAR	Jhalara Patan	BINDA	76.1830	24.4170	8.32	690	36	110	35	132	70.95	0.01	320	84	27	35	0.7	0.1	3.14	449
W235656075500501	JHALAWAR	Dag	DAG1	75.8350	23.9490	8.03	800	0	342	57	26	47.55	0.00	250	48	32	81	1	0	0.02	520
W242600076223001	JHALAWAR	Jhalara Patan	DOONGARGAON	76.3750	24.4330	8.24	1700	48	195	348	118	0.65	0.02	160	40	15	315	9.2	0.4	6.92	1105
W243400076100001	JHALAWAR	Jhalara Patan	GAGRON	76.1670	24.5670	8.20	2000	0	512	341	91	9.48	0.00	370	80	41	293	2.6	0.8	10.36	1300
W241938076451001	JHALAWAR	Manohar Thana	GAJWARA	76.7530	24.3270	8.02	390	0	207	35	3	2.81	0.00	180	52	12	20	1.6	0.1	0.17	254
W242900075583001	JHALAWAR	Jhalara Patan	GANESHPURA	75.9750	24.4830	7.74	3500	0	171	433	562	5.46	0.00	1010	176	139	353	1.3	0.1	0.02	2275
W235600075370001	JHALAWAR	Dag	GANGDHAR	75.6170	23.9330	8.09	1000	0	293	121	54	49.54	0.00	270	72	22	109	4	0.5	0.09	650
W240550075520001	JHALAWAR	Dag	GAURADIYA KALAN	75.8670	24.0970	7.87	310	0	146	21	28	0.73	14.00	140	32	14.63	18	4	0.1	0.11	202
W240015075530001	JHALAWAR	Dag	GUNAVI	75.8830	24.0040	7.69	800	0	305	64	22	49.9	0.02	350	96	27	27	0.2	0.2	0.03	520
W242200075494001	JHALAWAR	Jhalara Patan	GURARIYA JOGA	75.8280	24.3670	8.16	1290	0	451	85	84	104	0.00	560	56	102	48	0.2	0.1	0.06	839
W235710075431201	JHALAWAR	Dag	GWALAT	75.7200	23.9530	7.40	1060	0	220	206	52	5.07	0.01	130	36	10	182	5	0.4	0.04	689
W242030075593001	JHALAWAR	Pirawa	JASWANTPURA1	75.9920	24.3420	8.11	750	0	256	50	92	2.91	21.00	110	16	17	126	2	1.2	0.18	488
W243500076090001	JHALAWAR	Jhalara Patan	JHALAWAR	76.1500	24.5830	7.63	1320	0	403	142	106	30.26	0.00	470	64	75	91	1.5	0.9	0.09	858
W243200076090001	JHALAWAR	Jhalara Patan	JHALRAPATAN	76.1500	24.5330	7.96	795	0	292	85	58	1.48	0.02	300	52	41	56	2.7	0.3	0.51	517
W241615076435001	JHALAWAR	Manohar Thana	JHIRI	76.7310	24.2710	7.94	600	0	195	28	68	32.84	0.00	250	72	17	23	0.7	0.3	0.07	390
W241040075500001	JHALAWAR	Dag	KARVAN KALA	75.8330	24.1780	8.03	2100	0	415	433	94	33.4	0.00	700	100	109.53	170	8.7	0.6	0.01	1365
W244400076240001	JHALAWAR	Khanpur	Khanpur1	76.4000	24.7330	8.09	1000	0	427	78	78	0.03	2.00	200	44	22	157	3.2	0.4	3.05	650
W243000076110001	JHALAWAR	Jhalara Patan	Krishanpura Chowki	76.1830	24.5000	7.77	1260	0	488	92	62	44.8	0.03	430	64	66	93	0.5	0.5	0.23	819
W241400076483001	JHALAWAR	Manohar Thana	MANOHAR THANA1	76.8080	24.2330	7.89	400	0	195	36	5	2.31	0.00	180	44	17.07	18	1.6	0.4	0.07	260
W241630075503001	JHALAWAR	Jhalara Patan	MISHROLI	75.8420	24.2750	7.88	650	0	268	36	70	10.54	0.01	230	48	27	43	2.7	0.1	0.05	423
W242800076120001	JHALAWAR	Jhalara Patan	Nahardi	76.2000	24.4670	7.33	730	0	293	21	52	53.6	0.00	310	80	26.84	27	0.7	0	0.03	475
W242100076402001	JHALAWAR	Manohar Thana	SAREDI	76.6720	24.3500	7.98	1100	0	586	43	14	35.35	0.00	430	56	70.58	71	2.1	0.2	0.04	715
W281810075373001	JHUNJHUNU	Surajgarh	Devroad	75.6250	28.3030	8.20	1150	0	215	189	175	2.97	0.05	280	42	42.6	159	3.8	0.2	5.1	748
W280245075190002	JHUNJHUNU	Nawalgarh	DIGHAL	75.3170	28.0460	8.35	1850	40	264	354	115	35	0.17	220	50	23.1	328	2.3	1.2	0.39	1203
W281115075312001	JHUNJHUNU	Chirawa	Khudana	75.5220	28.1880	8.40	730	24	300	44	56	6	0.05	90	14	13.4	149	2	0.4	0.05	475
W275945075163001	JHUNJHUNU	Nawalgarh	MANDASI SANDASI	75.2750	27.9960	7.88	1734	0	508	231	75	70	0.16	260	50	32.8	284	2.4	0.7	0.24	1127
W281030075271501	JHUNJHUNU	Jhunjhunun	Math	75.4540	28.1750	8.10	1570	0	342	352	36	65	0.07	220	42	28	292	3	0.8	0.02	1021
W275103075152101	JHUNJHUNU	Nawalgarh	Nawalgarh_Pz	75.2560	27.8510	8.12	1300	0	264	217	125	35	0.05	140	18	23.1	251	1.5	1.3	0.03	845
W262957072525301	JODHPUR	Osian	BALARWA	72.8810	26.4990	8.00	470	0	134	64	30	25	0.04	190	56	12	30	2	0.5	0.4	306
W263730073105001	JODHPUR	Bawari	BAORI	73.1810	26.6250	8.25	2600	0	549	468	152	79	0.00	260	28	46	491	5	1.9	0.14	1690
W272200072210001	JODHPUR	Bap	BAP1	72.3500	27.3670	8.00	2170	0	569	345	170	30	0.01	320	62	40.19	384	2	0.4	0.15	1411
W272030072191001	JODHPUR	Bap	BARI DHANI	72.3190	27.3420	7.90	1980	0	520	132	325	50	0.01	470	126	37.84	244	2	3	0.19	1287
W261310073373001	JODHPUR	Bilara	BHAWI	73.6250	26.2190	8.60	4450	84	671	830	300	99	0.41	180	24	29.2	948	4	1.8	0.1	2893

**Chemical analysis results of samples collected during NHS monitoring 2016**

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W264800072473701	JODHPUR	Osian	BHIMKAM KAUR	72.7940	26.8000	8.40	950	24	362	61	52	31	0.02	410	82	49.94	45	1	1.5	1.29	618
W263500072380001	JODHPUR	Balesar	Binjaria Baori	72.6330	26.5830	8.30	680	0	244	71	30	43	0.06	260	52	32	49	1	0.4	0.9	442
W261330072543001	JODHPUR	Luni	BUJAWAR	72.9080	26.2250	7.90	450	0	207	35	4	6	0.34	200	68	7	11	5	0.1	0.15	293
W261600073000001	JODHPUR	Mandore	CAZRI	73.0000	26.2670	7.90	1350	0	317	156	48	184	0.23	200	40	24	220	2	0.9	0.2	878
W264030072413001	JODHPUR	Osian	CHIRAI	72.6920	26.6750	8.10	2760	0	207	780	152	16	0.10	360	72	44	496	4	1.7	1.2	1794
W261630072560001	JODHPUR	Mandore	CHOPASNI NATH	72.9330	26.2750	7.90	1650	0	427	177	94	167	0.29	260	40	39	255	14	0.6	0.8	1073
W261600073170001	JODHPUR	Mandore	DANGIWAS	73.2830	26.2670	7.80	3430	0	354	986	25	78	0.32	620	92	95	522	13	0.8	0.15	2230
W264545072201001	JODHPUR	Shergarh	Dechu	72.3360	26.7630	7.86	3120	0	404	764	224	24	0.04	569	100	77.68	500	8	0.8	0.02	2028
W263037073224001	JODHPUR	Bhopalgarh	DEVATRA	73.3780	26.5100	8.10	3250	0	610	716	102	30	0.12	590	32	124	480	7	0.8	0.9	2113
W260330072443001	JODHPUR	Luni	DHAWA	72.7420	26.0580	8.00	23420	0	915	6010	880	2353	0.07	2400	136	501	4420	37	3	0.05	15223
W263518072474801	JODHPUR	Osian	Ghewra	72.7970	26.5880	7.90	1850	0	305	362	48	206	0.02	420	76	56	253	6	1.3	2.1	1203
W261706073454201	JODHPUR	Bilara	Haria Dhana Bilara	73.7620	26.2850	8.10	1350	0	122	348	77	9	0.19	260	72	19.54	190	5	0.6	0.72	878
W260530072500001	JODHPUR	Luni	JATYASANI	72.8330	26.0920	8.00	800	0	427	28	14	26	2.30	380	124	17	7	25	0.2	0.08	520
W261800073020001	JODHPUR	Mandore	JODHPUR	73.0330	26.3000	7.80	2850	0	268	454	275	402	0.40	620	120	77.95	390	4	1	0.3	1853
W261620072493001	JODHPUR	Mandore	KARANI	72.8250	26.2720	8.64	3350	108	586	638	100	72	0.37	130	20	19	732	3	3.4	0.1	2178
W265500072180001	JODHPUR	Phalodi	KOLU	72.3000	26.9170	8.42	3450	144	166	458	146	62	0.45	160	18	27.98	492	3	2.3	0.15	2243
W262000072120001	JODHPUR	Shergarh	KUMARO KI DHANI	72.2000	26.3330	8.46	3050	84	593	349	365	38	0.05	180	38	21	613	19	1.5	0.12	1983
W261120073023001	JODHPUR	Luni	KURI1	73.0420	26.1890	8.20	3840	0	212	1035	275	29	0.07	490	72	75	675	4	2.3	0.42	2496
W262100073023001	JODHPUR	Mandore	MANDORE1	73.0420	26.3500	8.40	1920	36	439	312	18	111	0.73	370	84	39	216	102	0.1	0.32	1248
W262140072171001	JODHPUR	Shergarh	Nahar Singh Nagar	72.2860	26.3610	7.96	5200	0	648	934	640	60	0.01	535	112	62.13	931	9	1.5	0.01	3380
W261140072463001	JODHPUR	Luni	RARON KI DHANI	72.7750	26.1940	8.22	10280	0	891	2776	606	332	0.12	750	60	146	2195	7	1.2	0.15	6682
W264915073201501	JODHPUR	Bawari	Soyala	73.3380	26.8210	8.20	1720	0	390	305	86	62	0.00	200	32	29	316	4	1.9	0.18	1118
W263400073004201	JODHPUR	Bawari	Umaidnagar	73.0120	26.5670	8.00	4230	0	354	1142	240	64	0.08	470	76	68	790	12	3.6	1.1	2750
W262248076553301	KARAULI	Karauli	Atewa	76.9260	26.3800	7.82	830	0	240	99	46	41	0.20	280	58	32.89	64	1	0.8	0.06	540
W265600076510001	KARAULI	Todabhim	AZIZPUR	76.8500	26.9330	8.00	2680	0	508	430	380	12	0.12	440	122	32.97	454	5	0.7	0.11	1742
W264135076553001	KARAULI	Hindaun	BADH KAMLA	76.9250	26.6930	8.01	1030	0	422	68	115	10	0.23	360	86	35.36	98	3	0.8	1.8	670
W263210077080001	KARAULI	Karauli	BHAUJAPURA	77.1330	26.5360	7.53	4100	0	1063	606	575	40	0.05	830	218	69.56	704	2	1.3	0.11	2665
W262730076550001	KARAULI	Karauli	BIJALPUR	76.9170	26.4580	8.40	900	60	252	47	52	70	0.23	150	14	27.98	154	3	0.7	0.05	585
W263245077063001	KARAULI	Karauli	Chainpur_Pz	77.1080	26.5460	8.20	750	0	264	89	51	1	0.05	260	54	30.46	64	4	1.3	0.2	488
W263145077043001	KARAULI	Karauli	Deppura-Pz D	77.0750	26.5290	7.28	850	0	274	94	47	15	0.20	270	59	29.86	69	4	1.2	0.23	553
W263830077001501	KARAULI	Hindaun	GURLA1	77.0040	26.6420	8.50	5050	84	435	1090	425	120	0.04	590	14	134.96	854	103	0.6	0.05	3283
W264400077020001	KARAULI	Hindaun	Hindaun	77.0330	26.7330	7.46	4530	0	691	892	604	210	0.10	900	202	96.28	774	38	0.7	0.08	2945
W264200077010001	KARAULI	Hindaun	ISLAMPUR	77.0170	26.7000	8.40	3850	36	898	643	265	100	0.23	460	114	42.69	740	2	3.1	0.03	2503
W262530076560001	KARAULI	Karauli	KARSAI	76.9330	26.4250	7.86	1230	0	320	109	152	80	0.14	460	82	62.1	83	3	0.6	0.05	800
W262100076560001	KARAULI	Karauli	KELADEVI	76.9330	26.3500	8.24	940	0	386	82	58	4	0.07	310	50	45.04	85	2	0.3	0.25	611
W262445077074501	KARAULI	Sapotra	LANGRA	77.1290	26.4130	8.46	900	0	386	75	24	46	0.11	370	58	54.78	52	5	0.4	0.02	585
W261900076500001	KARAULI	Sapotra	Lohrra	76.8330	26.3170	8.23	830	0	240	82	62	48	0.23	290	38	47.46	59	4	1.2	0.05	540
W262600076570001	KARAULI	Karauli	Mamachari	76.9500	26.4330	7.70	730	0	374	32	55	5	0.11	310	94	18.35	47	4	0.4	0.05	475
W261820077145501	KARAULI	Sapotra	MANDRAL	77.2490	26.3060	8.63	1090	0	386	89	50	120	1.20	470	122	40.27	54	5	0.4	0.55	709
W263630076430001	KARAULI	Nadauti	SAHAR1	76.7170	26.6080	8.00	960	0	320	88	155	19	0.01	350	58	49.91	98	3	0.8	0.1	624
W261721076451801	KARAULI	Sapotra	SAPOTRA1	76.7550	26.2890	8.00	710	0	361	32	16	30	0.05	300	70	30.48	39	2	0.2	0.12	462
W250227075532401	KOTA	Ladpura	ALANIA	75.8900	25.0410	7.92	780	0	317	57	46	62	0.01	320	56	44	55	1.7	0.7	0.09	507
W252645076260501	KOTA	Itawa	AYANA	76.4350	25.4460	7.47	2330	0	585	277	242	41	0.01	580	176	34.25	220	79	0.2	1.74	1515
W250115075420001	KOTA	Ladpura	BORAWAS	75.7000	25.0210	7.54	400	0	183	36	28	10	0.00	190	48	17.08	10	23	0.2	0.27	260
W245430075584001	KOTA	Ladpura	DARA	75.9780	24.9080	7.73	850	0	317	28	142	2	0.01	230	56	21.95	98	7.3	0.1	0	553
W251430076052001	KOTA	Sultanpur	DIGOD1	76.0890	25.2420	8.08	2400	0	695	284	252	8	0.00	390	56	60.85	390	4.1	0.8	0.12	1560
W251038076105601	KOTA	Sultanpur	GADEPAN	76.1820	25.1770	8.02	890	0	293	64	132	18	0.04	340	40	58.4	67	1.5	0.3	0.05	579



Chemical analysis results of samples collected during NHS monitoring 2016

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W253433076183601	KOTA	Itawa	GAINTA	76.3100	25.5760	7.94	1670	0	634	156	70	35	0.00	430	68	63.3	188	4.4	0.1	0	1086
W251339075501601	KOTA	Ladpura	GIRDHARPURA	75.8380	25.2280	8.13	2200	0	562	298	146	35	0.01	380	52	60.85	337	2.2	1.3	0.59	1430
W252615076240001	KOTA	Itawa	KESHAVPURA	76.4000	25.4380	7.85	2960	0	622	277	546	30	0.01	430	76	58.44	489	2	0.4	0.07	1924
W254041076283001	KOTA	Itawa	KHATOLI	76.4750	25.6780	7.38	4250	0	532	998	108	230	0.07	550	86	81.55	720	23	0.8	0.3	2763
W250716075575601	KOTA	Ladpura	KHERARASULPUR	75.9660	25.1210	7.72	340	0	48	64	54	2	0.00	200	28	17	23	3.5	0.4	0.06	221
W251100075510001	KOTA	Ladpura	KOTA1	75.8500	25.1830	7.64	500	0	122	36	64	46	0.00	200	52	17.08	25	1.9	0.1	0.04	325
W252209076094501	KOTA	Sultanpur	MANDAVRA	76.1630	25.3690	7.49	1470	0	512	121	118	71	0.01	600	60	109.48	71	17	0.6	0.34	956
W250600076120001	KOTA	Sangod	RAJGARH1	76.2000	25.1000	8.06	930	0	427	57	28	18	0.01	400	48	68.14	37	0.6	0.9	0.1	605
W252200076180001	KOTA	Sultanpur	RATTANPURA	76.3000	25.3670	8.07	1260	0	586	99	38	19	0.00	310	72	31.69	170	1.2	0.8	0.98	819
W251723076105201	KOTA	Sultanpur	SULTANPUR	76.1810	25.2900	8.08	2050	0	562	298	146	35	0.01	280	24	53.52	361	2.2	1.3	0.59	1333
W273700074260001	NAGAU	Ladnu	BANKALIA	74.4330	27.6170	7.70	2760	0	392	598	295	70	0.02	560	67	95.51	444	8	1.6	0.12	1794
W271620074201501	NAGAU	Didwana	BANTHRI	74.3380	27.2720	7.62	6760	0	837	1599	810	257	0.01	680	90	110.73	1524	4	1.8	0.23	4394
W270915074204501	NAGAU	Didwana	CHHOTI KHATU	74.3460	27.1540	7.70	1100	0	240	146	15	200	0.01	430	102	42.67	62	16	1.1	0.02	715
W272215074390001	NAGAU	Didwana	DAULATPURA	74.6500	27.3710	8.00	6130	0	1155	1124	270	750	0.00	420	26	86.34	1382	4	3.9	0.12	3985
W265330074193001	NAGAU	Degana	DEGANA JN.	74.3250	26.8920	7.60	3510	0	569	529	315	420	0.03	470	78	66.96	417	396	0.9	0.22	2282
W270800073220001	NAGAU	Mundwa	DEU	73.3670	27.1330	7.94	4450	0	520	1069	260	24	0.02	510	90	69.4	787	8	1	0.5	2893
W271349073290001	NAGAU	Nagaur	GURHA	73.4830	27.2300	7.59	5270	0	398	1223	745	90	0.00	540	102	69.42	1086	8	2.2	1.25	3426
W264400074280001	NAGAU	Degana	HARSOR	74.4670	26.7330	7.45	3750	0	606	572	172	510	0.06	1090	290	89.1	322	83	0.5	0.02	2438
W271500074170001	NAGAU	Jayal	KATOTI	74.2830	27.2500	7.38	4250	0	532	998	108	230	0.07	550	86	81.55	720	23	0.8	0.3	2763
W271000074240001	NAGAU	Didwana	KERAP	74.4000	27.1670	8.50	8580	24	166	2734	448	215	0.01	1000	74	198.24	1689	6	0.8	0.05	5577
W272045074290001	NAGAU	Didwana	KOLIA	74.4830	27.3460	7.80	3804	0	703	572	198	420	0.01	390	34	74.2	698	19	0.9	0.95	2473
W265430073230001	NAGAU	Mundwa	NAGARI	73.3830	26.9080	8.45	1300	84	203	174	125	40	0.07	160	30	20.7	256	2	1.6	1	845
W272200074310001	NAGAU	Didwana	RAGHUNATHPURA	74.5170	27.3670	7.47	5450	0	923	1211	220	31	0.03	340	34	62.04	1089	11	0.8	0.06	3543
W263200074150001	NAGAU	Riyan	RIAN	74.2500	26.5330	8.28	4220	0	154	954	735	90	0.56	600	98	86.43	783	12	1.2	0.19	2743
W273100074310001	NAGAU	Ladnu	SANWARD	74.5170	27.5170	7.42	4950	0	837	856	285	350	1.40	660	66	120	832	6	0.8	0.12	3218
W271815074304501	NAGAU	Didwana	SINGHANA1	74.5130	27.3040	7.81	13050	0	543	3270	1262	420	0.03	2020	242	344.33	2136	40	0.2	0.2	8483
W250651073093101	PALI	Sumarapur	Balwana	73.1590	25.1140	8.00	3730	0	915	603	82	246	0.01	850	220	73.21	472	10	1.3	0	2425
W262100074004501	PALI	Jaitaran	BASSI1	74.0130	26.3500	8.42	2240	120	366	298	228	14	0.04	240	40	34.09	430	1	2.1	0.06	1456
W252200073120001	PALI	Sumarapur	BIRAMI	73.2000	25.3670	8.08	4970	0	549	746	872	22	0.06	1250	240	158.33	540	4	0.9	0.08	3231
W253630073184501	PALI	Pali	GUNDOJ	73.3130	25.6080	8.20	1600	0	451	206	118	24	0.00	360	48	58.41	194	20	1.5	0.15	1040
W260800074063001	PALI	Raipur	HAJIWAS	74.1080	26.1330	8.32	2780	48	659	213	442	37	0.02	200	32	29.21	559	5.4	3.1	0.97	1807
W255200073283001	PALI	Sojat	KANAWAS	73.4750	25.8670	8.19	1250	0	451	135	68	32	0.05	400	116	26.89	118	4.1	0.6	0.08	813
W255000073381501	PALI	Sojat	KARIASODA	73.6380	25.8330	8.48	3200	96	830	369	228	1	0.04	260	24	48.66	618	1	0.9	0.05	2080
W252945073153001	PALI	Rani	KIRWA	73.2580	25.4960	8.52	1160	24	378	135	94	4	0.09	150	36	14.63	228	2.5	1.7	0.14	754
W260900073490001	PALI	Jaitaran	NIMAJ	73.8170	26.1500	8.28	1150	24	293	185	64	2	0.08	130	20	19.47	222	3.3	1	1.8	748
W251345073094501	PALI	Sumarapur	NIMBORNATH	73.1630	25.2290	8.14	700	0	342	50	32	2	0.12	290	60	34.11	41.4	9.4	1	0.13	455
W254600073200001	PALI	Pali	PALI1	73.3330	25.7670	8.14	1140	0	305	135	98	39	0.03	320	80	29.27	117	5.2	1.2	0.08	741
W250930073120001	PALI	Bali	PERWA	73.2000	25.1580	8.20	1050	0	366	121	82	32	0.00	330	84	29.28	114	8	1.4	0.35	683
W261200073490001	PALI	Jaitaran	PRITHIPURA	73.8170	26.2000	8.16	5760	0	232	1349	718	59	0.11	550	120	61	1058	35	1.2	0.05	3744
W251100073173001	PALI	Bali	RADAWAS	73.2920	25.1830	8.13	1000	0	366	85	72	58	0.30	260	48	34.1	118	22	0.6	0.01	650
W260415074040001	PALI	Raipur	RAIPUR-I	74.0670	26.0710	8.00	4200	0	427	710	558	260	0.03	1250	260	146.19	395	31	0.6	0.07	2730
W251855073105801	PALI	Sumarapur	SANDERAO	73.1830	25.3150	8.47	2130	96	439	298	66	83	0.10	380	64	53.57	293	53	2.5	0.1	1385
W255830073230001	PALI	Sojat	SARDARSAMAD	73.3830	25.9750	8.14	7000	0	427	2272	32	34	0.03	1350	240	182.64	1002	75	2.8	0.02	4550
W254300072580001	PALI	Rohat	VAED	72.9670	25.7170	8.19	3700	0	427	852	262	30	0.02	900	160	121.76	408	52	1.4	0.35	2405
W235400074484501	PRATAPGARH	Arnod	Arnod	74.8130	23.9000	7.70	760	0	386	54	15	22	2.90	290	42	45.03	64	2	0.5	0.3	494
W241054074421001	PRATAPGARH	Pratapgarh	Barawarda	74.7030	24.1820	7.95	1790	0	252	416	245	15	0.13	340	80	34.14	332	4	2	0.06	1164
W242310074420001	PRATAPGARH	Chhotisadri	Choti Sadri	74.7000	24.3860	8.10	760	0	142	154	30	23	0.00	240	54	25.59	66	2	0.2	1.7	494

**Chemical analysis results of samples collected during NHS monitoring 2016**

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W240521074293001	PRATAPGARH	Dhariyabad	Jawahar Nagar	74.4920	24.0890	8.23	566	0	215	54	65	3	0.02	270	46	37.74	25	2	0.3	0.2	368
W240200074533001	PRATAPGARH	Pratapgarh	Mokhampura	74.8920	24.0330	7.90	770	0	142	158	18	46	0.06	240	52	26.81	72	2	0.2	1	501
W235736074252601	PRATAPGARH	Dhariyabad	Mungana	74.4240	23.9600	7.70	1480	0	410	222	115	55	0.11	495	80	71.82	148	2	1	1.25	962
W233700074510001	PRATAPGARH	Arnod	Ninor	74.8500	23.6170	7.40	1210	0	410	160	35	20	0.29	370	82	40.22	114	2	0.6	0.05	787
W234745074340001	PRATAPGARH	Peepalkhoont	Peepalkhoont	74.5670	23.7960	8.45	510	12	252	26	128	22	0.62	370	62	52.35	20	2	0.7	0.95	332
W253600073530001	RAJSAMAND	Bhim	Bagar1	73.8830	25.6000	7.40	1610	0	293	397	15	61	0.10	370	116	19.59	225	5	0.5	3.26	1047
W255000074050001	RAJSAMAND	Bhim	BALI1	74.0830	25.8330	7.40	960	0	366	92	50	75	0.04	450	160	12.35	36	12	0.2	0.41	624
W251520073560001	RAJSAMAND	Amet	CHATTARPUR	73.9330	25.2560	8.20	5610	0	549	1333	620	3	0.00	1020	40	223.73	896	10	0.9	0	3647
W252500073490001	RAJSAMAND	Bhim	DEWAIR	73.8170	25.4170	7.50	1330	0	403	173	85	145	0.00	570	140	53.66	83	6	0.8	1.53	865
W250500073340001	RAJSAMAND	Kumbhalgarh	DOWAS	73.5670	25.0830	7.48	830	0	390	92	24	9	0.00	320	84	26.85	66	17	0.4	0	540
W250730073420001	RAJSAMAND	Kumbhalgarh	Gajpur	73.7000	25.1250	7.80	1120	0	366	227	6	7	0.16	200	48	19.51	196	6	1.3	0.43	728
W245600074060001	RAJSAMAND	Railmagra	GAVARDI	74.1000	24.9330	7.90	1640	0	671	206	72	40	0.00	320	48	48.68	288	4	1.9	0	1040
W254700074110001	RAJSAMAND	Bhim	GHATO1	74.1830	25.7830	7.70	692	0	195	78	12	122	0.10	270	68	24.4	50	4	0.6	0	450
W251400073530001	RAJSAMAND	Amet	GUGLI	73.8830	25.2330	7.63	2630	0	342	652	137	4	0.00	690	168	65.85	293	16	0.45	0.13	1710
W245800073330001	RAJSAMAND	Kumbhalgarh	KANCHOLI	73.5500	24.9670	7.70	1300	0	354	227	104	11	0.00	190	44	19.5	245	5	0.5	2.46	845
W245500073440001	RAJSAMAND	Khamnor	KHAMNOR1	73.7330	24.9170	8.00	1080	0	525	121	42	8	0.04	440	68	65.73	96	3	0.3	0.38	702
W251905073483001	RAJSAMAND	Kumbhalgarh	KITELA	73.8080	25.3180	7.50	800	0	342	64	58	51	0.00	350	84	34.14	55	3	1.1	1.08	520
W250800073510001	RAJSAMAND	Rajsamand	MOKAMPURA	73.8500	25.1330	7.85	1930	0	427	284	210	106	0.13	770	176	80.45	134	35	0.1	0.46	1255
W251200073520001	RAJSAMAND	Amet	NADIAWALA	73.8670	25.2000	7.50	3630	0	220	1028	175	354	0.00	1640	360	180.35	213	6	1.7	0.46	2360
W250200074010001	RAJSAMAND	Railmagra	ODA1	74.0170	25.0330	7.95	1580	0	647	227	70	10	0.00	310	40	51.11	283	6	2.5	0.95	1027
W245400073490001	RAJSAMAND	Khamnor	ODAN	73.8170	24.9000	7.90	1270	0	427	206	88	7	0.18	490	80	70.61	109	10	0.4	0.47	826
W250200074070001	RAJSAMAND	Railmagra	RAILMAGRA1	74.1170	25.0330	7.90	1455	0	525	199	74	64	0.16	400	56	63.28	200	4	1.5	2.27	946
W250400073530001	RAJSAMAND	Rajsamand	RAJSAMAND	73.8830	25.0670	7.80	3330	0	683	681	240	286	0.23	940	80	180.01	467	38	1.1	0	2165
W245100073400001	RAJSAMAND	Badgaon	SANGATH	73.6670	24.8500	8.20	2180	0	195	582	155	0	0.22	270	72	21.97	397	9	0.6	11.06	1417
W255100074080001	RAJSAMAND	Bhim	Sheron Ka Bala	74.1330	25.8500	7.50	1150	0	342	156	134	29	0.12	410	96	41.45	115	4	1.2	0	748
W263300076334001	SAWAI MADHOPUR	Bamanwas	BAMANAWAS	76.5610	26.5500	8.15	1950	0	427	248	308	24	0.09	410	60	63.29	290	1.2	0.3	0.08	1268
W255600076260001	SAWAI MADHOPUR	Khandar	BODAL	76.4330	25.9330	7.68	1300	0	634	57	54	19	0.00	350	52	53.55	148	1.8	0.3	0.55	845
W262115076151501	SAWAI MADHOPUR	Bonli	BONALI	76.2540	26.3540	7.60	1500	0	439	144	38	233	0.09	640	116	85.24	70	2.1	0.1	0.1	975
W255500076280001	SAWAI MADHOPUR	Khandar	CHANN	76.4670	25.9170	8.08	2550	0	683	312	268	35	0.00	240	32	38.94	492	1.6	1.5	0.04	1658
W262900076440001	SAWAI MADHOPUR	Gangapur	GANGAPUR2	76.7330	26.4830	8.44	3000	96	793	383	77	88	0.07	310	24	60.81	550	1	0.9	0.03	1950
W255600076263001	SAWAI MADHOPUR	Khandar	HINDWAR	76.4420	25.9330	7.51	1300	0	512	107	54	67	0.00	540	100	70.63	53	23	0.8	0.96	845
W260120076354001	SAWAI MADHOPUR	Khandar	KHANDAR1	76.5940	26.0220	7.88	1190	0	329	164	86	2	0.00	480	80	68.17	53	0.7	0.1	0.09	774
W255630076221701	SAWAI MADHOPUR	Sawai Madhopur	Kushlipura	76.3710	25.9420	7.90	2060	0	659	253	148	30	0.00	680	104	102.24	186	0.6	1.7	0.58	1339
W255800076160001	SAWAI MADHOPUR	Sawai Madhopur	KUSHTALA	76.2670	25.9670	7.76	2160	0	244	582	82	2	0.01	140	32	14.63	444	4.5	0.6	0	1404
W261820076225001	SAWAI MADHOPUR	Bonli	MALARNACHOR	76.3810	26.3060	8.11	1730	0	390	199	238	18	0.01	200	48	19.51	306	2.1	0.9	0.12	1125
W262240076325501	SAWAI MADHOPUR	Bamanwas	MEENAPARA	76.5490	26.3780	8.12	1210	0	451	85	88	43	0.08	240	20	46.22	175	0.6	0.4	0.07	787
W261945076293001	SAWAI MADHOPUR	Bonli	MORAL TIWARA	76.4920	26.3290	8.45	1540	84	439	128	86	6	0.04	90	16	12.18	316	1	0.6	0.15	1001
W255500076312001	SAWAI MADHOPUR	Khandar	PHARIYA	76.5220	25.9170	7.61	1750	0	390	192	312	8	0.01	560	64	97.33	167	3.3	0.9	0	1138
W263015076331001	SAWAI MADHOPUR	Bamanwas	PIPLAI	76.5530	26.5040	7.95	4030	0	1415	426	182	77	0.09	190	24	31.64	840	0.9	1	0.09	2620
W263545076563001	SAWAI MADHOPUR	Gangapur	RAIPUR1	76.9420	26.5960	8.37	1140	60	402	71	38	32	0.15	198	28	31.15	185	1.3	0.8	0.08	741
W260100076273001	SAWAI MADHOPUR	Sawai Madhopur	RANTHAMBOR	76.4580	26.0170	7.73	1300	0	561	99	31	24	0.00	450	48	80.29	91	4.2	0.1	0.11	845
W263130076510001	SAWAI MADHOPUR	Gangapur	SEWA	76.8500	26.5250	8.40	3150	36	447	536	235	190	0.01	650	58	122.85	404	45	1.5	1.85	2048
W260515076214001	SAWAI MADHOPUR	Sawai Madhopur	SURWAL	76.3610	26.0880	7.98	1240	0	525	92	78	6	0.00	470	76	68.17	82	1.4	0.3	0.4	806
W262200076234001	SAWAI MADHOPUR	Bonli	TOND	76.3940	26.3670	7.86	3700	0	781	753	120	25	0.08	460	48	82.72	638	3.9	1.1	0.57	2405
W272400075490003	SIKAR	Sri Madhopur	Ajitgarh2	75.8170	27.4000	7.73	1020	0	244	142	10	210	0.01	500	120	48.77	40	4.5	0.8	0.18	663
W273001074562902	SIKAR	Dhod	Anokh_Pz	74.9410	27.5000	8.77	2100	12	232	518	90	145	0.01	160	20	27	460	5.7	1.6	0.09	1365
W275403074574001	SIKAR	Fatehpur	BALARAN	74.9610	27.9010	8.20	1540	0	390	220	70	155	0.01	180	32	24.35	305	2	1	0.09	1001

**Chemical analysis results of samples collected during NHS monitoring 2016**

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W274454075525401	SIKAR	Neem Ka Thana	Barala	75.8820	27.7480	8.50	2420	0	349	451	345	10	0.05	550	86	81.55	317	43	0.1	0.45	1573
W274730075080001	SIKAR	Lachhmangarh	Bau	75.1330	27.7920	8.28	1170	0	415	163	5	40	0.01	90	20	9.75	240	1.6	1.4	0.07	761
W275328074544601	SIKAR	Fatehpur	Bibipur	74.9130	27.8910	8.50	2320	36	794	199	240	2	0.01	140	16	24.33	530	2.1	5.8	0	1508
W27300074590001	SIKAR	Dhod	Binjyasi	74.9830	27.5000	8.30	1510	18	207	334	15	70	0.01	130	32	12.2	285	1.5	2	0.06	982
W275330075000001	SIKAR	Fatehpur	CHINCHAS	75.0000	27.8920	8.44	1720	42	573	178	150	23	0.01	120	16	19.47	395	1.3	2	0.15	1118
W274715074583101	SIKAR	Lachhmangarh	Datunjala	74.9750	27.7880	8.46	1410	36	586	170	60	17	0.01	120	20	17.04	345	2.9	2.3	3	917
W280300074561501	SIKAR	Fatehpur	DEWAS	74.9380	28.0500	8.37	3480	60	1049	469	165	45	0.01	280	20	55.94	715	2.8	1.7	5	2262
W274543074484901	SIKAR	Lachhmangarh	Dewau Ji Ka Bas	74.8140	27.7620	8.45	3430	60	0	0	0	0	0.00	180	32	24.35	760	2.5	2.00	0.22	2230
W280529074514901	SIKAR	Fatehpur	Dhanadhan	74.8640	28.0910	8.49	2190	48	305	454	206	4	0.01	120	8	24.32	495	1.5	1.8	0.22	1424
W273200075000001	SIKAR	Dhod	DHOD	75.0000	27.5330	8.37	585	24	232	28	10	26	0.01	100	28	7.33	93	4.8	1.3	0.12	380
W274340074502301	SIKAR	Lachhmangarh	Garoda	74.8400	27.7280	8.60	2360	48	525	256	140	350	0.01	240	20	46.22	485	4.8	1.6	0.17	1534
W273500075110001	SIKAR	Piprali	Gokulpura	75.1830	27.5830	8.15	1950	0	268	483	95	105	0.01	360	12	80.25	335	3.8	0.5	0.31	1268
W273300075160001	SIKAR	Piprali	Goriya	75.2670	27.5500	8.12	810	0	366	57	50	3	0.01	230	24	41.36	99	1.7	0.4	1.7	527
W275318074571101	SIKAR	Fatehpur	Harsawa Bara	74.9530	27.8880	8.20	1820	0	610	178	95	145	0.01	190	20	34.06	360	1.6	2.3	0.13	1183
W274742074522501	SIKAR	Lachhmangarh	JAJOD	74.8740	27.7950	8.36	2450	36	915	305	45	105	0.01	200	8	43.77	540	1.6	1.5	0.21	1593
W272200075233001	SIKAR	Danta Ramgarh	KHATU SHAMJI	75.3920	27.3670	8.38	1540	36	244	369	140	16	0.01	270	28	48.66	300	2.7	1.1	0.65	1001
W273700075060002	SIKAR	Piprali	Nani	75.1000	27.6170	8.21	980	0	293	156	35	56	0.01	80	12	12.17	216	1	1.1	0.12	637
W273700074461201	SIKAR	Lachhmangarh	NECHWA	74.7700	27.6170	8.45	2560	36	634	355	245	110	0.01	180	16	34.06	575	1.5	2.5	0.12	1664
W273828075150001	SIKAR	Piprali	PIPRALI	75.2500	27.6410	8.00	680	0	244	42	18	60	0.01	200	40	24.36	64	4	5	0.17	442
W274300075051501	SIKAR	Dhod	RASHIDPURA	75.0880	27.7170	7.92	930	0	305	92	45	84	0.01	90	8	17.03	188	2.4	0.9	0.54	605
W280804074573501	SIKAR	Fatehpur	ROOKANSAR	74.9600	28.1340	8.51	2060	36	720	199	150	45	0.01	150	12	29.19	450	1.9	1.4	0.15	1339
W275021074533202	SIKAR	Fatehpur	Roru Badi_I	74.8920	27.8390	8.40	3000	36	1074	398	150	32	0.04	230	16	46.21	690	2	3.5	0.14	1950
W275152074514101	SIKAR	Fatehpur	Sekhiwas	74.8610	27.8640	8.40	4000	36	1025	497	222	310	0.01	440	12	99.7	770	4.8	2.5	0.12	2600
W245720072533001	SIROHI	Sheoganj	AMBESHWARJI	72.8920	24.9560	7.95	1310	0	428	134	115	6	0.20	330	73	35.95	158	2	3	0.02	852
W245943072430001	SIROHI	Sirohi	BARLOT	72.7170	24.9950	8.40	1210	12	209	117	175	62	0.22	245	27	43.19	156	6	0.6	0.5	787
W244030072403001	SIROHI	Reodar	GULABGANJ	72.6750	24.6750	7.90	1480	0	221	176	130	160	0.30	325	68	37.77	130	73	1.6	0.3	962
W243805072293001	SIROHI	Reodar	JIRAWAL	72.4920	24.6350	7.85	470	0	150	79	18	26	0.11	150	14	27.98	46	37	3.6	2.3	306
W245530072411501	SIROHI	Sirohi	KALANDRI	72.6880	24.9250	8.00	4560	0	776	734	402	220	0.08	610	106	84.01	754	26	4	0.06	2964
W243750072420501	SIROHI	Abu Road	MOUNT ABU	72.7010	24.6310	8.00	1080	0	349	154	68	5	0.01	425	91	48.13	69	7	1.6	1.8	702
W242900072410001	SIROHI	Abu Road	Mungthalla	72.6830	24.4830	8.40	1060	12	191	110	178	52	0.04	230	17	45.61	150	4	0.6	0.85	689
W250050072554001	SIROHI	Sheoganj	Paori	72.9280	25.0140	8.00	1830	0	514	231	132	41	0.10	585	133	61.55	154	4	1.2	0.06	1190
W244800073040001	SIROHI	Pindwara	Pindwara	73.0670	24.8000	7.92	1900	0	390	224	345	20	0.04	400	80	48.72	160	211	3	0.7	1235
W250800072580001	SIROHI	Sheoganj	Posaliya	72.9670	25.1330	8.15	1660	0	319	278	215	35	0.23	445	99	48.14	213	4	1.6	1.2	1079
W243930072561001	SIROHI	Pindwara	SARUPGANJ	72.9360	24.6580	7.20	4670	0	340	1244	285	115	0.25	560	160	39.1	450	701	3.2	0.95	3036
W245300072520001	SIROHI	Sirohi	SIROHI	72.8670	24.8830	7.40	1050	0	301	75	128	60	0.22	450	118	38	38	5	1.4	0.08	683
W242500072463501	SIROHI	Abu Road	SIYANA	72.7760	24.4170	8.00	1210	0	241	174	98	46	0.03	255	66	21.96	145	14	1	0.2	787
W245045072591501	SIROHI	Pindwara	VIRWARA	72.9880	24.8460	7.60	1220	0	250	149	105	78	1.99	420	137	19.01	84	5	0.8	0.05	793
W255800076050001	TONK	Uniara	ALIGARH	76.0830	25.9670	8.14	1750	0	732	36	264	15	0.06	190	32	26.78	345	1.1	1.3	0.041	1138
W260330075483001	TONK	Donk	ARNIYALMAL	75.8080	26.0580	8.00	830	0	415	71	19	4	1.00	290	40	46.24	73	16	0.6	0.12	540
W255300075340001	TONK	Deoli	BANTHOLI	75.5670	25.8830	7.63	4900	0	488	1136	392	83	0.00	1020	120	175.2	638	58	0.4	0.06	3185
W261418075111501	TONK	Malpura	DEWAL1	75.1880	26.2380	7.80	700	0	220	78	8	125	0.12	290	56	36.54	49	4	0.6	0.16	455
W255830075575801	TONK	Uniara	DIKOLIYA	75.9660	25.9750	8.26	1760	60	268	234	285	12	0.01	420	36	80.28	233	1.4	0.6	0.14	1144
W261100075343001	TONK	Todaraisingh	HAMIRPUR	75.5750	26.1830	8.28	2830	96	927	256	148	19	0.00	130	20	19.47	610	2.4	2.1	0.38	1840
W254900076135801	TONK	Uniara	JAINAGAR	76.2330	25.8170	7.64	770	0	256	121	28	29	0.01	330	60	43.84	49	0.5	0.3	0.06	501
W262330075291501	TONK	Malpura	JAISINGHPUR	75.4880	26.3920	8.22	2000	96	390	256	172	10	0.01	260	40	38.95	350	3.4	2.3	0.11	1300
W255955075410001	TONK	Tonk	MAHUVA	75.6830	25.9990	7.91	1540	0	354	213	168	5	0.00	330	56	46.26	202	3.4	0.2	0.07	1001
W261700075230001	TONK	Malpura	MALPURA1	75.3830	26.2830	7.82	370	0	134	64	14	1	0.01	120	12	21.9	43	2.9	0.2	0.07	241

Chemical analysis results of samples collected during NHS monitoring 2016

Site ID	District	Block	Village	Longitude	Latitude	pH	EC in $\mu$ S	CO <sub>3</sub>	HCO <sub>3</sub>	Cl	SO <sub>4</sub>	NO <sub>3</sub>	PO <sub>4</sub>	TH	Ca	Mg	Na	K	F	Fe	TDS
W260639075433002	TONK	Tonk	Mehndwas	75.7250	26.1110	7.68	4900	0	708	1306	24	1	0.01	800	120	121.71	756	6.8	0.2	0.38	3185
W255345075500001	TONK	Deoli	Nagar1	75.8330	25.8960	7.85	590	0	232	57	46	9	6.00	270	56	31.68	27	1.8	0.4	0.34	384
W262200075560001	TONK	Newai	NIWAI1	75.9330	26.3670	8.00	2200	0	439	355	212	48	0.01	480	48	87.59	294	3.7	0.2	0.09	1430
W255150075165001	TONK	Deoli	RAMTHALA	75.2810	25.8640	7.80	696	0	195	78	20	124	0.14	280	68	26.83	50	4	0.6	0	452
W254842075283001	TONK	Deoli	SIROHI1	75.4750	25.8120	8.39	2300	96	416	305	254	15	0.00	220	28	36.5	449	2.5	3.4	0.11	1495
W255327076104501	TONK	Uniara	SOP1	76.1790	25.8910	8.00	1550	0	403	156	198	61	0.00	290	56	36.54	239	2.6	1.2	0.04	1008
W260050075292001	TONK	Todaraisingh	TODARASINGH1	75.4890	26.0140	7.92	4100	0	512	880	120	349	0.01	1480	264	199.69	262	18	0.44	0.37	2665
W241505074250001	UDAIPUR	Lasadiya	ARAMPUR	74.4170	24.2510	8.00	650	0	325	68	35	15	0.07	270	82	15.9	64	3	0.6	0.22	423
W241019073590701	UDAIPUR	Salumber	BASSI	73.9850	24.1720	8.00	600	0	361	46	15	15	0.02	330	82	30.49	29	2	0.3	0.2	390
W243700074010001	UDAIPUR	Bhindar	BHATEWAR	74.0170	24.6170	8.35	1680	36	398	169	190	62	0.08	341	34	62.28	211	60	0.7	0.25	1092
W244300073550001	UDAIPUR	Mavli	BHOYANA	73.9170	24.7170	8.00	6570	0	514	1213	935	610	0.06	1190	203	166.18	747	615	0.9	2	4271
W244500073500002	UDAIPUR	Mavli	GADOLI	73.8330	24.7500	8.40	2330	48	465	323	225	32	0.20	340	19	71.14	379	13	0.6	0.1	1515
W240900073210001	UDAIPUR	Jhdol	Garanwas	73.3500	24.1500	8.20	1045	0	428	86	32	22	0.02	250	71	17.71	125	4	0.5	0.12	679
W241800073220001	UDAIPUR	Jhdol	Ghorl Mari	73.3670	24.3000	8.00	830	0	230	134	15	41	0.01	270	62	28.04	73	2	0.2	0.2	540
W242013074005801	UDAIPUR	Salumber	GUREL	74.0160	24.3370	8.00	1000	0	435	75	75	10	0.02	230	50	25.59	144	7	1	0.85	650
W243300073550001	UDAIPUR	Bhindar	HARIYAB	73.9170	24.5500	8.00	790	0	349	53	35	20	0.05	320	82	28.06	44	2	0.2	0.33	514
W240100073580001	UDAIPUR	Salumber	INTALIKHARA	73.9670	24.0170	8.10	1440	0	526	235	48	2	0.03	290	83	20.16	239	6	0.5	0.12	936
W244800073280001	UDAIPUR	Gogunda	JASWANTGARH	73.4670	24.8000	8.00	1100	0	484	75	65	50	0.01	470	102	52.4	64	2	0.1	1.65	715
W240005073453001	UDAIPUR	Rishabhdeo	KALAYANPURA	73.7580	24.0010	8.24	1470	0	484	167	55	29	0.18	380	82	42.65	154	2	0.4	0.35	956
W242600074160001	UDAIPUR	Bhindar	KANOD	74.2670	24.4330	8.28	1260	0	630	96	45	26	4.41	250	50	30.45	217	6	3.2	0.06	819
W235900073320001	UDAIPUR	Kherwara	KHERWARA	73.5330	23.9830	8.24	1360	0	526	121	40	55	0.27	410	79	51.76	127	5	0.9	0.2	884
W242000073213001	UDAIPUR	Jhdol	Koliyari1	73.3580	24.3330	8.34	1420	24	227	259	168	25	0.02	270	30	47.45	234	8	0.7	0.05	923
W242654073593001	UDAIPUR	Girwa	KURABAR	73.9920	24.4480	8.00	3240	0	465	658	208	208	120.00	1130	83	224.39	208	34	0.1	0.1	2106
W242120073210001	UDAIPUR	Jhdol	LUNIYARA	73.3500	24.3560	8.28	960	0	340	160	38	30	0.21	320	82	28.06	114	2	0.5	0.05	624
W244700073590001	UDAIPUR	Mavli	MAVLI1	73.9830	24.7830	7.96	2470	0	556	572	108	40	0.11	900	202	96.28	234	3	1.6	0.06	1606
W240400073260001	UDAIPUR	Kherwara	Neecha Talab	73.4330	24.0670	8.00	1330	0	459	160	96	36	0.03	370	82	40.22	166	3	0.6	0.13	865
W241136073420001	UDAIPUR	Sarada	PARSHAD	73.7000	24.1930	8.29	1520	0	312	217	199	21	0.55	580	122	67.01	96	2	1.2	0.05	988
W245130073254501	UDAIPUR	Gogunda	PUNAWALI	73.4290	24.8580	8.40	860	12	233	81	70	70	1.77	350	43	59.01	39	19	0.3	1	559
W240900073500001	UDAIPUR	Sarada	SARADA	73.8330	24.1500	8.25	670	0	252	75	75	5	0.04	310	82	25.63	44	2	3.6	0.1	436
W243308073425001	UDAIPUR	Girwa	SAVINA	73.7140	24.5520	8.00	2100	0	550	334	136	30	0.02	450	35	88.18	281	23	0.6	0.2	1365
W240500073510001	UDAIPUR	Sarada	SEMARI	73.8500	24.0830	8.00	1410	0	648	100	50	20	0.01	260	55	29.85	222	8	3.6	0.1	917
W243348073392501	UDAIPUR	Girwa	Sisarma	73.6570	24.5630	8.00	1950	0	532	330	141	21	0.23	440	30	88.78	276	21	0.3	0.5	1268
W241015073203501	UDAIPUR	Jhdol	SOM1	73.3430	24.1710	8.24	2960	0	270	752	250	5	0.02	480	127	39.66	487	10	0.9	1.2	1924
W244700073280001	UDAIPUR	Gogunda	SRIMALI KI KARIA	73.4670	24.7830	8.40	710	12	252	57	38	12	0.10	260	30	45.02	44	5	0.9	1.75	462
W242945073364501	UDAIPUR	Girwa	UNDRI	73.6130	24.4960	8.42	970	60	170	189	15	9	0.06	270	82	15.9	119	2	0.4	1.1	631