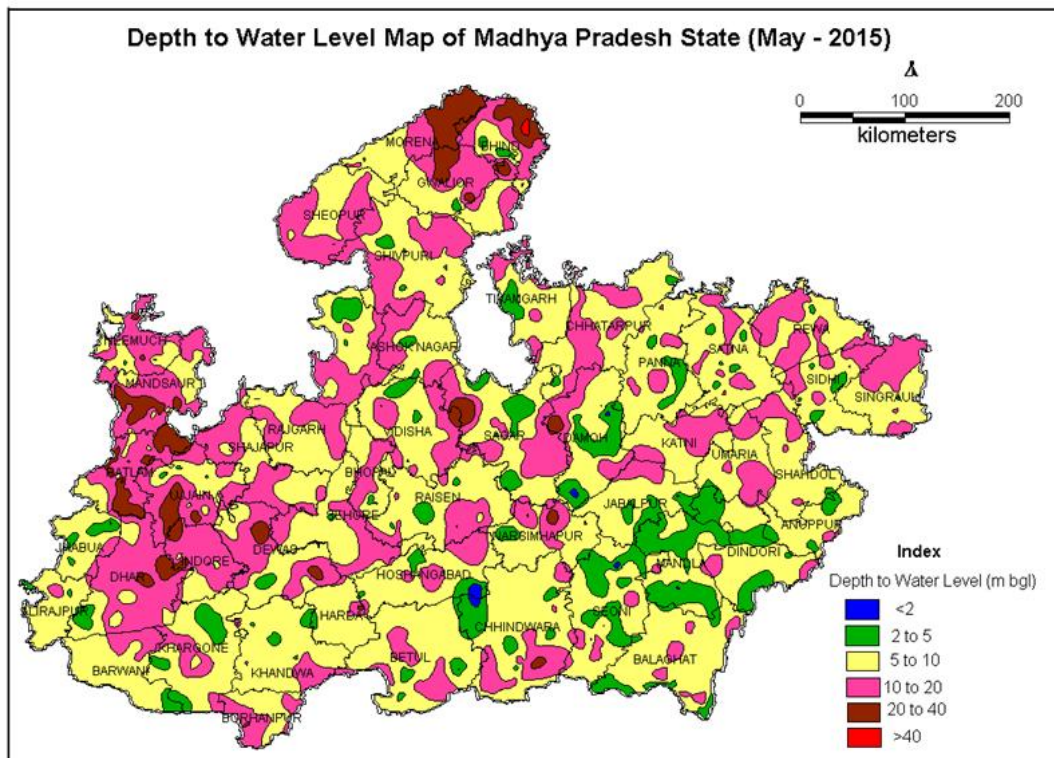


STATUS OF GROUND WATER LEVELS IN MADHYA PRADESH DURING MAY 2015



CENTRAL GROUND WATER BOARD
NORTH CENTRAL REGION
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
GOVERNMENT OF INDIA

July 2015

STATUS OF GROUND WATER LEVELS IN MADHYA PRADESH DURING MAY 2015

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EXECUTIVE SUMMARY

The analysis of long-term ground water level data provides necessary signals to planners as regards to criticality or otherwise of the availability of the ground water resources in a particular time period. Therefore, periodic monitoring of the ground water levels to generate long-term data is an essential prerequisite for effective utilization, development, and management of the available ground water resources. Central Ground Water Board, North Central Region, Bhopal monitors ground water levels through a network of 1485 Ground Water Monitoring Wells spread all over the State of Madhya Pradesh. The present report gives an overview of the status of ground water levels in different parts of Madhya Pradesh during the pre monsoon period (May 2015). The monitoring of ground water regime during the period of pre monsoon is particularly important in order to assess the status of ground water withdrawal. The following sections briefly summarise the data presented in this report.

Depth to Water Level May 2015

Depth to water level (DTW) during May 2015 ranged from 1.05 to 49.57 metres below ground level (mbgl) in Madhya Pradesh (Fig 4). About 1.47% percent of the wells in the State recorded a water level up to 2 m bgl, 14.70% between 2-5 m bgl, 46.29% between 5-10 m bgl, 32.11% between 10-20 m bgl, 4.48% between 20-40 m bgl and 0.96% in more than 40 m bgl. Depth to water levels between 5-10 m bgl is the most prominent over the entire State.

Annual Water Level Fluctuation (May 2014 to May 2015)

The water levels of the Ground Water Monitoring wells during May 2015 were compared with those of May 2014 to decipher the changes that took place in the ground water scenarios. In Madhya Pradesh, 29.85% of the wells show a rise and the rest 70.15% wells show a decline in water levels. About 22.25% of the wells show a rise in water level up to 2 m, 3.80% of the wells show a rise in water level between 2 to 4 m and 3.80% of the wells shows rise in water level more than 4 m. About 47.19% of the wells show a decline in water level up to 2 m.12.43% of the wells show a decline in water level between 2 to 4 m and 10.53 % of the wells shows decline more than 4 m.

Decadal Water Level Fluctuation (Mean May (2005-2014) to May 2015)

The ground water levels of May 2015 were compared with the 10 years May (2005-2014) average ground water levels to decipher the long-term changes in the ground water regime. It is observed that about 58.76% of the wells show rise and about 41.24% wells show decline in water levels in the state. The rise in water level is in the order of 0-2 m in 38.33% of the wells, 2-4 m in 12.52% of the wells and more than 4 m in about 7.91% of the wells. The decline in water levels in the order of 0-2 m is about 29.65% of the wells, between 2-4 m in 6.61% of the wells and more than 4 m in 4.99% of the wells.

STATUS OF GROUND WATER LEVELS IN MADHYA PRADESH DURING MAY 2015

I. INTRODUCTION

Central Ground Water Board (CGWB) monitors ground water levels all over the country four times a year in order to bring out the spatial and temporal changes in the ground water regime. This continuous monitoring provides a valuable tool to decipher the seasonal and long-term changes in ground water levels, and in turn helps in managing the ground water resources in a scientific and effective manner.

The North Central Region of Central Ground Water Board, based at Bhopal, monitors 1156 ground water monitoring wells and 329 Piezometers established in the State of Madhya Pradesh. These ground water monitoring wells are monitored four times in a hydrological year in the months of May (pre-monsoon), August, November (post-monsoon) and January. The long-term data generated during these monitoring seasons are important for computation, comparison and analysis of ground water utilization and its availability.

The present report provides an analysis of the ground water levels during May 2015 and compares them with those of May 2014 and the decadal (2005-2014) mean of the May water levels. The monitoring of ground water regime during the period of May is particularly important in order to decipher the status of ground water levels during the pre monsoon season.

II. MONSOON RAINFALL DISTRIBUTION

Monsoon rainfall is the sole source of natural recharge to ground water and rainfall pattern has an important impact on groundwater levels in the phreatic aquifer. Rainfall in the State of Madhya Pradesh occurs during south-west monsoon season (mid-June to September) and sometimes during winter season (November to February). Most of the

rainfall (more than 90%) occurs during the south-west monsoon season, November being the rainiest month.

The rainfall data for the monsoon period (01.06.2013 to 30.09.2013) and (01.06.2014 to 17.09.2014) rain gauge stations located at district headquarter in Madhya Pradesh State, collected from IMD website is given in Table 1. The isohyetal map of monsoon rainfall 2013, prepared on the basis of this data is given in **Fig 1**. The isohyetal map of monsoon rainfall 2014, prepared on the basis of this data is given in **Fig 2**. The rainfall data of monsoon rainfall of 2013 has been compared with monsoon rainfall of 2014 and the percent departure has been calculated. The percent departure map of monsoon rainfall 2013 with monsoon rainfall 2014 has been depicted in **Fig 3**.

Table 1 Rainfall in Madhya Pradesh

Sr. No.	Name of Station	Monsoon Rainfall 2013(mm) (1.6.2013-30.9.2013)	Monsoon Rainfall 2014(mm) (01.06.2014-17.9.2014)	Departure% wrt Monsoon Rainfall-2013
1	Alirajpur	1307.6	882.1	-48.2372
2	Anuppur	945.2	997.2	5.214601
3	Ashok Nagar	1267.2	695.8	-82.1213
4	Balaghat	1278.9	930.5	-37.4422
5	Barwani	896	709.1	-26.3574
6	Betul	1554.7	961.2	-61.7457
7	Bhind	950	381.5	-149.017
8	Bhopal	1263.4	705.4	-79.1041
9	Burhanpur	1339.8	1021.9	-31.1087
10	Chhatarpur	1339.8	531.3	-152.174
11	Chhindwara	1215.4	685.3	-77.353
12	Damoh	1650.5	669	-146.712
13	Datia	977.5	551.1	-77.3725
14	Dewas	1333.5	576.7	-131.229
15	Dhar	1149.6	683.5	-68.1931
16	Dindori	1106.3	964.3	-14.7257
17	Guna	1512.3	800.8	-88.8487
18	Gwalior	842.2	561.3	-50.0445
19	Harda	1693.2	1075.8	-57.3898
20	Hoshangabad	1946	995.8	-95.4208
21	Indore	1467.8	697.3	-110.498

22	Jabalpur	1909.5	812.5	-135.015
23	Jhabua	1194.5	725	-64.7586
24	Katni	1225.3	755.9	-62.0982
25	Khandwa	1400.9	1159	-20.8714
26	Khargone	962.1	791.1	-21.6155
27	Mandla	1595	1054.8	-51.2135
28	Mandsaur	1050.8	740	-42
29	Morena	952.4	430.3	-121.334
30	Narsinghpur	1585	802.8	-97.434
31	Neemuch	1127.8	825.3	-36.6533
32	Panna	1414.3	652.3	-116.817
33	Raisen	1505.6	868.7	-73.3164
34	Rajgarh	1447.8	953.3	-51.8724
35	Ratlam	1227.4	551.1	-122.718
36	Rewa	1268.8	604.8	-109.788
37	Sagar	1838	727	-152.82
38	Satna	1145.9	613.6	-86.7503
39	Sehore	1404.1	820.6	-71.1065
40	Seoni	1483.6	723.5	-105.059
41	Shahdol	801.6	699.2	-14.6453
42	Shajapur	1274.4	671.2	-89.8689
43	Sheopur	898.6	629	-42.8617
44	Shivpuri	1214.1	745.9	-62.7698
45	Sidhi	1130.6	839.4	-34.6914
46	Singrauli	819.4	569.8	-43.8048
47	Tikamgarh	1106	692.6	-59.6881
48	Ujjain	1163.7	573.7	-102.841
49	Umariya	992.7	685.7	-44.7718
50	Vidisha	1533.5	861.9	-77.9209

Source:www.imd.gov.in

Fig 1

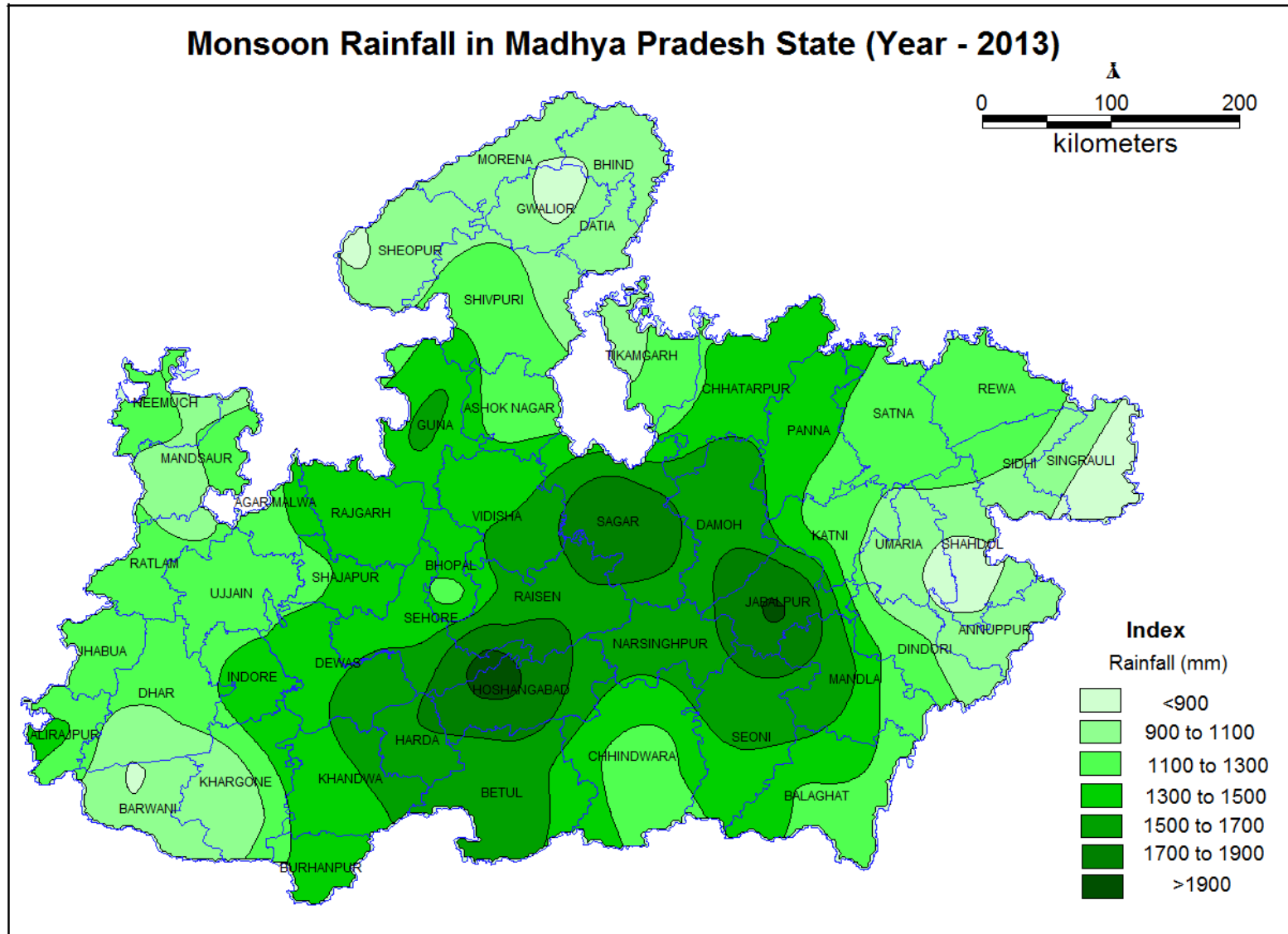


Fig 2

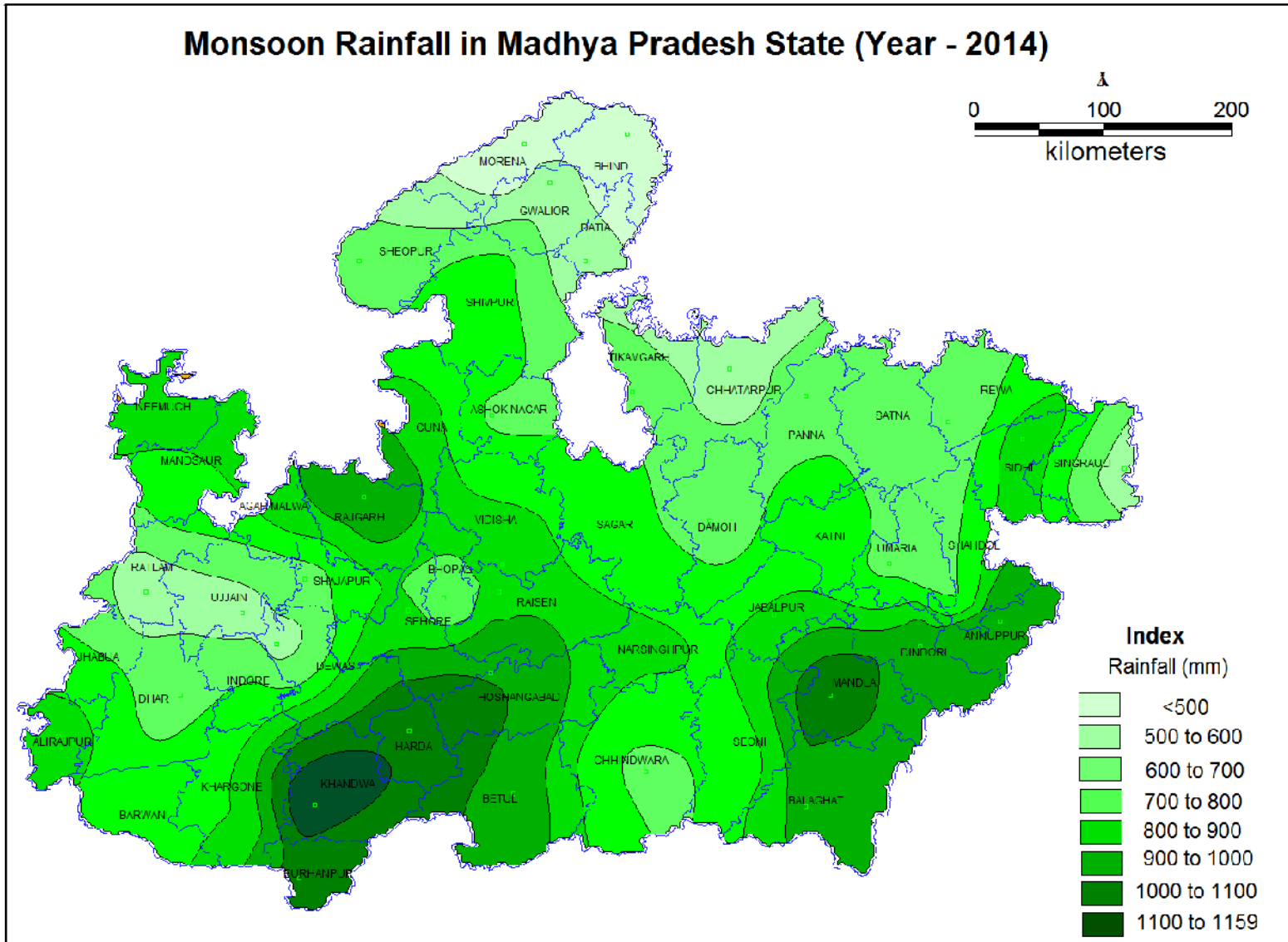
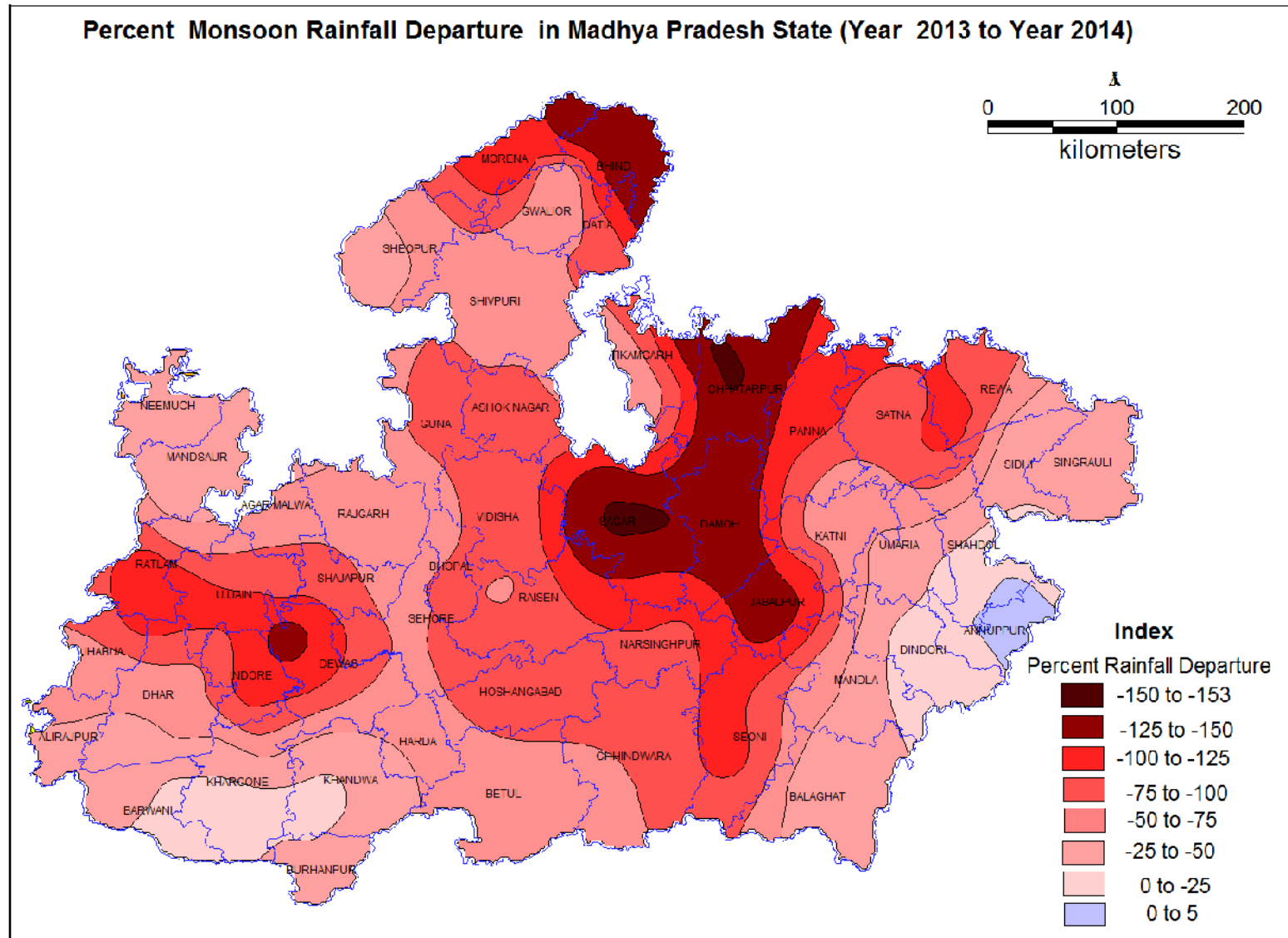


Fig 3



III. DEPTH TO WATER LEVEL MAY 2015

Depth to Water levels ranges from 1.05 to 49.57 m bgl in Madhya Pradesh. Very shallow water levels up to 2 m bgl are very few and seen only in part of Chhindwara, Hoshangabad and Damoh district of the state. Only 1.47% of wells in Madhya Pradesh State fall in this category. About 14.70% of wells spreading all over Madhya Pradesh State has recorded a water level in depth range of 2-5 m bgl occurring mainly in south-east and in sporadic patches in entire state. Depth to water levels ranging 5-10 m bgl is prominently spreading all parts of the State. About 46.29% of wells fall under this category. Deeper ground water levels ranging 10-20 m bgl are seen mostly in Northern and western parts of the state and in isolated patches in many parts of the state. About 32.11% of wells in the State fall in this category. Ground water levels of 20-40 m bgl are found in about 4.48% of the wells and occur mainly in few parts of north and west districts of the state. Depth to water level more than 40 m bgl is very few and has been recorded in Bhind. About 0.96% of wells fall under this category. Annexure III gives the depth to water level ranges in all the districts of Madhya Pradesh. The depth to water level map of Madhya Pradesh State for May 2015 is shown in Fig 4.

IV. ANNUAL WATER LEVEL FLUCTUATION MAY 2014 TO MAY 2015

The annual water level fluctuation map of Madhya Pradesh State for the period May 2014 to May 2015 is presented in Fig 5. District-wise annual fluctuation & frequency distribution of different ranges from May 2014 to May 2015 has been given in annexure-IIA.

The ground water levels of monitoring wells during May 2015 were compared with those of May 2014 to decipher the changes that took place in the ground water regime. In Madhya Pradesh, 29.85% of the wells show a rise and the rest 70.15% wells show a decline in water levels. About 22.25% of the wells show a rise in water level up to 2 m spreading in sporadic patches in all part of the state. 3.80% of the wells show a rise in water level between 2 to 4 m and the same no. of wells i.e., 3.80% of the wells shows rise more than 4 m. The rises in water in the range of 2-4 m and more than 4 m are few and mainly seen in the patches of Chhindwara, Bhind and Satna. About 47.19% of the wells show a decline in water level up to 2 m in almost all district of the state. 12.43% of the wells show a decline in

water level between 2 to 4 m and occur in sporadic patches of the state. About 10.53% of the wells shows decline more than 4 m, under this category fall in water level is less and seen mostly in western and north- central parts of state. In general this year there is a decline of water level in the state as compared to last year.

V. DECADAL WATER LEVEL FLUCTUATION MEAN MAY (2005-2014) TO MAY 2015)

The decadal water level fluctuation map of Madhya Pradesh State for the period May 2015 with reference to the decadal mean of May (2005-2014) is presented in Fig 6. District-wise decadal fluctuation & frequency distribution of different ranges decadal mean of May (2005-2014) has been given in annexure-IIC.

The ground water levels of May 2015 were compared with the 10 years May (2005-2014) average ground water levels to decipher the long-term changes in the ground water regime. It is observed that about 58.76% of the wells show rise and about 41.24% of wells show decline in water levels in the state. The rise in water level is in the order of 0-2 m in 38.33% of the wells, 2-4 m in 12.52% of the wells and more than 4 m in about 7.91% of the wells. The decline in water levels in the order of 0-2 m is about 29.65% of the wells, between 2-4 m in 6.61% of the wells and more than 4 m in 4.99% of the wells. Fall in water level more than 2 m are seen in sporadic patches only owing to pumping. In general by comparing mean of water level of previous 10 year and current year water level, it is inferred that there is a rise in water level in most parts of the state except north western parts of the state..

FIG - 4

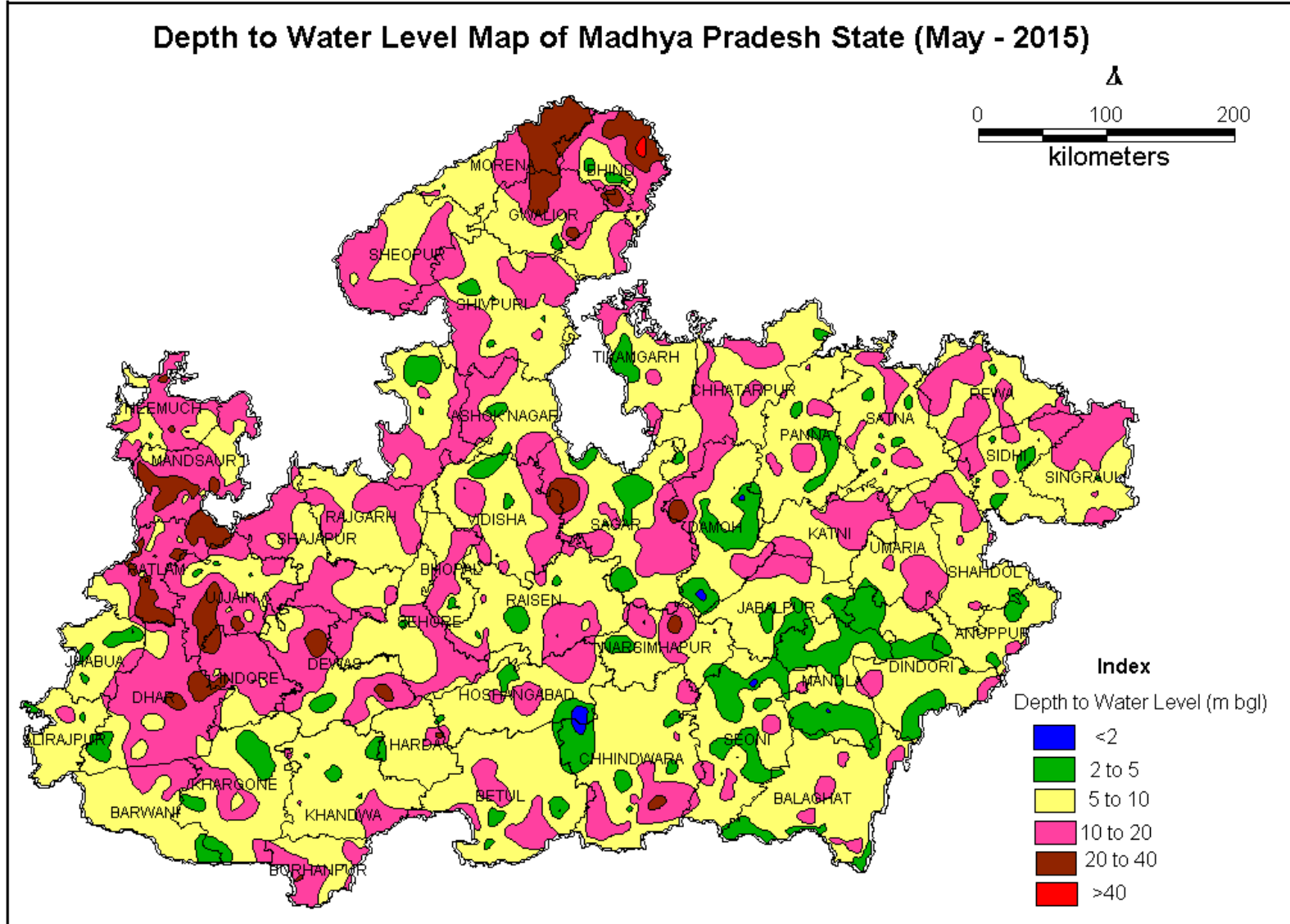


FIG – 5

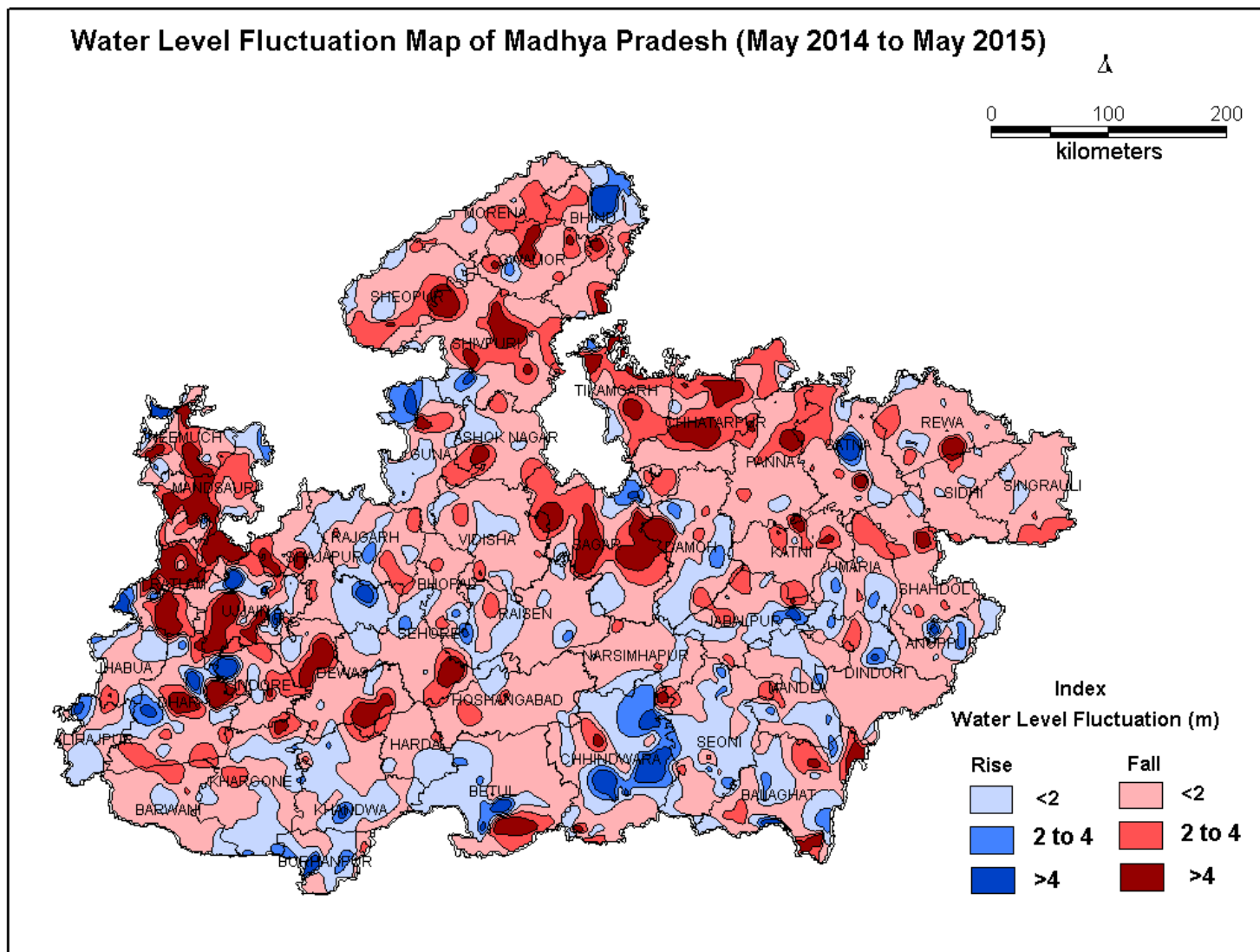
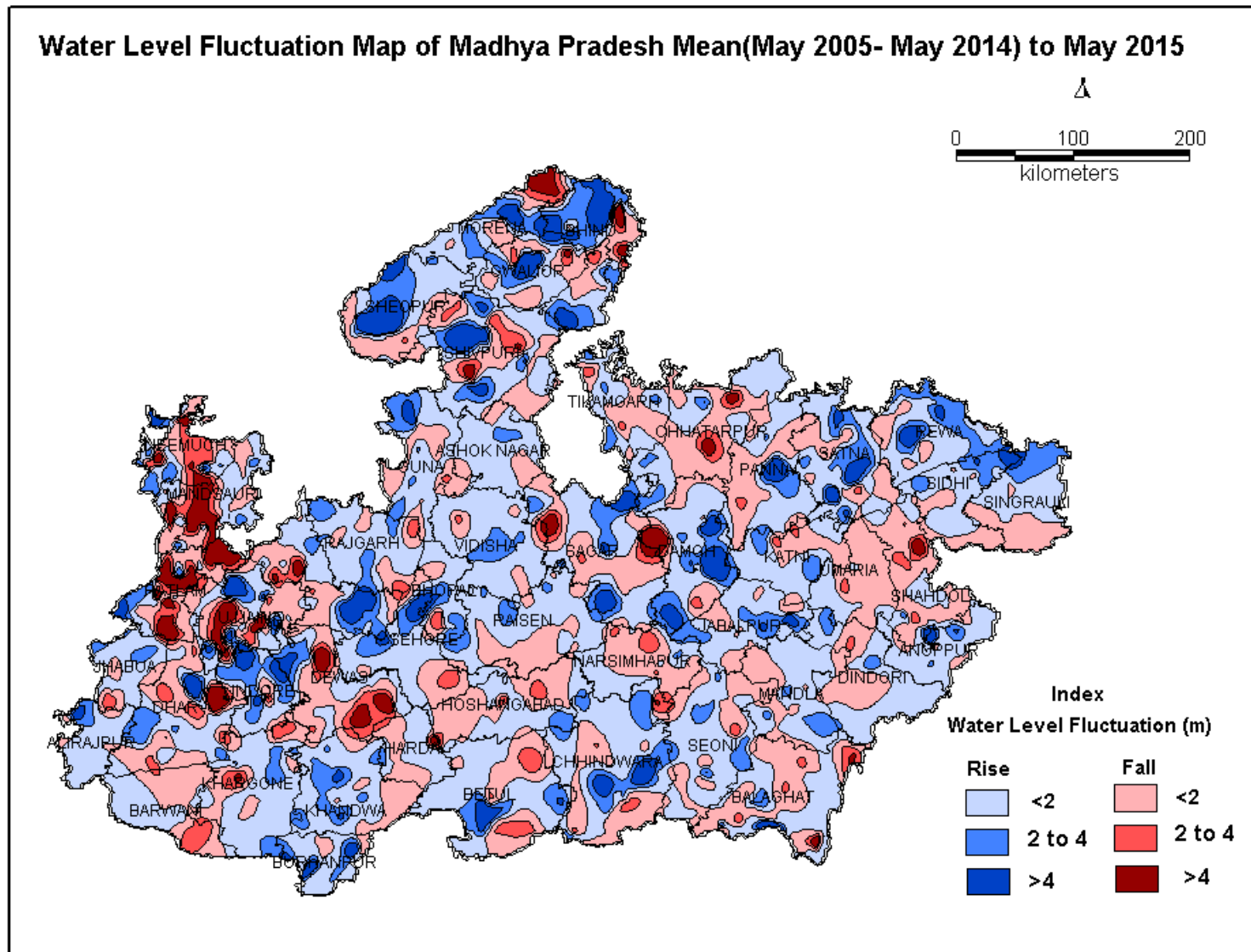


FIG - 6



Status of Ground Water Monitoring Wells in North Central Region, Bhopal During May - 2015.

Annexure - I

S.No.	District	No of monitoring stations			No of monitoring stations monitored			No of monitoring stations not monitored			Reasons for not being monitored
		DW	PZ	Total	DW	PZ	Total	DW	PZ	Total	
1	Agar Malwa	13	3	16	13	2	15	0	1	1	1 Pz locked
2	Alirajpur	11	2	13	11	2	13	0	0	0	1 dw collapsed, 1 New dw Established
3	Anuppur	16	5	21	17	5	22	0	0	0	1 new Well Established
4	Ashok Nagar	12	5	17	12	5	17	0	0	0	
5	Balaghat	42	8	50	41	7	48	1	0	1	1 dw locked gate, 1Pz filled up by stone
6	Barwani	9	2	11	9	2	11	0	0	0	
7	Betul	28	6	34	29	5	34	0	0	0	1 Pz filled up, 1 New well established
8	Bhind	17	1	18	17	1	18	0	0	0	
9	Bhopal	22	4	26	23	4	27	0	0	0	1 new Well Established
10	Burhanpur	16	0	16	17	0	17	0	0	0	1 new Wells Established
11	Chhatarpur	32	7	39	32	7	39	0	0	0	
12	Chhindwara	39	11	50	37	10	47	1	0	1	1 dw collapsed, 1 Dw not approachable, 1 Pz Filledup
13	Damoh	21	7	28	21	7	28	0	0	0	
14	Datia	10	0	10	10	0	10	0	0	0	
15	Dewas	20	11	31	20	11	31	0	0	0	
16	Dhar	25	19	44	25	18	43	0	1	1	1 dw collapsed, 1 New dw Established, 1 pz lock problem
17	Dindori	14	2	16	14	2	16	0	0	0	
18	Guna	21	5	26	21	5	26	0	0	0	
19	Gwalior	19	4	23	19	4	23	0	0	0	
20	Harda	12	2	14	12	2	14	0	0	0	
21	Hoshangabad	18	0	18	19	0	19	0	0	0	1 new Well Established
22	Indore	23	28	51	20	28	48	3	0	3	Dw not located
23	Jabalpur	36	7	43	37	7	44	0	0	0	1 new Well Established
24	Jhabua	10	5	15	10	5	15	0	0	0	
25	Katni	16	1	17	16	1	17	0	0	0	
26	Khandwa	29	1	30	30	1	31	0	0	0	1 new Wells Established
27	Khargone	21	7	28	21	7	28	0	0	0	
28	Mandla	32	2	34	32	2	34	0	0	0	
29	Mandsaur	24	25	49	24	24	48	0	1	1	1 pz locked gate
30	Morena	13	0	13	14	0	14	0	0	0	1 new Well Established
31	Narsinghpur	17	4	21	17	4	21	0	0	0	
32	Neemuch	23	14	37	24	12	36	0	2	2	1 Pz motor fitted, 1 Pz locked, 1 new well established
33	Panna	25	4	29	25	4	29	0	0	0	
34	Raisen	26	5	31	27	5	32	0	0	0	1 new well established
35	Rajgarh	19	13	32	19	13	32	0	0	0	
36	Ratlam	25	22	47	27	22	49	0	0	0	2 new wells established
37	Rewa	29	7	36	30	7	37	0	0	0	1 new well established
38	Sagar	37	9	46	36	9	45	0	0	0	1 well abandoned
39	Satna	45	7	52	47	7	54	0	0	0	2 new wells established
40	Sehore	17	11	28	18	11	29	0	0	0	1 new wells established
41	Seoni	45	3	48	45	3	48	0	0	0	
42	Shahdol	21	3	24	21	3	24	0	0	0	
43	Shajapur	14	5	19	14	4	18	0	1	1	1 pz tree root problem
44	Sheopur	19	2	21	19	1	20	0	0	0	1 pz abandoned
45	Shivpuri	31	6	37	30	5	35	1	1	2	1 DW filled up, 1 Pz keys not available
46	Sidhi	27	7	34	29	6	35	0	1	1	2 new wells established, 1 Pz pump fitted
47	Singrauli	16	4	20	17	4	21	0	0	0	1 new well established
48	Tikamgarh	18	7	25	18	7	25	0	0	0	1 new well established
49	Ujjain	28	25	53	30	21	51	0	4	4	2 new wells established, 4 pz abandoned
50	Umaria	14	3	17	14	2	16	0	0	0	1 Pz filled up
51	Vidisha	25	6	31	26	5	31	0	1	1	1 new Well Established, 1 pz not monitored due to excavaion work
Total		1142	347	1489	1156	329	1485	6	13	19	

District-Wise Annual Fluctuation & Frequency Distribution of Different Ranges from May 2014 to May 2015

Annexure -II A

S. No.	Name of District	No. of wells Analysed	Range in m				Rise						Fall						Rise		Fall	
			Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m		No	%	No	%
			Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
1	Agar Malwa	15	0.06	1.12	0.44	6.06	3	20.00	0	0.00	0	0.00	7	46.67	2	13.33	3	20.00	3	20.00	12	80.00
2	Alirajpur	10	0.29	4.69	0.41	1.90	2	20.00	1	10.00	1	10.00	6	60.00	0	0.00	0	0.00	4	40.00	6	60.00
3	Anuppur	17	0.02	4.60	0.24	4.37	3	17.65	2	11.76	1	5.88	10	58.82	0	0.00	1	5.88	6	35.29	11	64.71
4	Ashok Nagar	12	0.20	0.85	0.18	5.70	3	25.00	0	0.00	0	0.00	6	50.00	1	8.33	2	16.67	3	25.00	9	75.00
5	Balaghat	39	0.52	10.06	0.25	7.18	6	15.38	3	7.69	2	5.13	19	48.72	5	12.82	4	10.26	11	28.21	28	71.79
6	Barwani	9	1.49	1.49	0.15	3.99	1	11.11	0	0.00	0	0.00	6	66.67	2	22.22	0	0.00	1	11.11	8	88.89
7	Betul	29	0.10	8.64	0.15	7.71	6	20.69	2	6.90	3	10.34	14	48.28	3	10.34	1	3.45	11	37.93	18	62.07
8	Bhind	17	0.10	16.10	0.10	3.40	3	17.65	1	5.88	1	5.88	8	47.06	4	23.53	0	0.00	5	29.41	12	70.59
9	Bhopal	22	0.05	3.30	0.01	3.03	7	31.82	1	4.55	0	0.00	12	54.55	2	9.09	0	0.00	8	36.36	14	63.64
10	Burhanpur	14	0.01	10.00	0.11	2.17	4	28.57	0	0.00	3	21.43	6	42.86	1	7.14	0	0.00	7	50.00	7	50.00
11	Chhatarpur	35	0.03	0.97	0.50	7.85	3	8.57	0	0.00	0	0.00	10	28.57	12	34.29	10	28.57	3	8.57	32	91.43
12	Chhindwara	41	0.05	8.80	0.02	14.50	14	34.15	3	7.32	7	17.07	10	24.39	4	9.76	3	7.32	24	58.54	17	41.46
13	Damoh	22	0.22	2.94	0.10	20.80	7	31.82	3	13.64	0	0.00	8	36.36	3	13.64	1	4.55	10	45.45	12	54.55
14	Datia	10	-	-	0.20	5.30	0	0.00	0	0.00	0	0.00	8	80.00	0	0.00	2	20.00	0	0.00	10	100.00
15	Dewas	26	0.04	2.59	0.02	9.17	5	19.23	1	3.85	0	0.00	13	50.00	1	3.85	6	23.08	6	23.08	20	76.92
16	Dhar	37	0.01	6.92	0.33	20.75	10	27.03	2	5.41	3	8.11	10	27.03	5	13.51	7	18.92	15	40.54	22	59.46
17	Dindori	16	0.15	5.02	0.01	3.50	1	6.25	0	0.00	2	12.50	12	75.00	1	6.25	0	0.00	3	18.75	13	81.25
18	Guna	20	0.05	5.09	0.03	5.58	6	30.00	1	5.00	1	5.00	8	40.00	3	15.00	1	5.00	8	40.00	12	60.00
19	Gwalior	19	3.20	3.20	0.10	8.00	0	0.00	1	5.26	0	0.00	11	57.89	3	15.79	4	21.05	1	5.26	18	94.74
20	Harda	13	0.99	0.99	0.05	2.98	1	7.69	0	0.00	0	0.00	11	84.62	1	7.69	0	0.00	1	7.69	12	92.31
21	Hoshangabad	16	0.07	1.65	0.20	4.45	2	12.50	0	0.00	0	0.00	12	75.00	1	6.25	1	6.25	2	12.50	14	87.50
22	Indore	40	0.20	18.18	0.02	14.00	7	17.50	1	2.50	3	7.50	15	37.50	7	17.50	7	17.50	11	27.50	29	72.50
23	Jabalpur	37	0.04	8.89	0.06	6.63	19	51.35	2	5.41	1	2.70	11	29.73	3	8.11	1	2.70	22	59.46	15	40.54
24	Jhabua	12	0.55	1.89	0.08	4.09	3	25.00	0	0.00	0	0.00	8	66.67	0	0.00	1	8.33	3	25.00	9	75.00
25	Katni	17	0.12	0.76	0.05	4.52	2	11.76	0	0.00	0	0.00	10	58.82	2	11.76	3	17.65	2	11.76	15	88.24
26	Khandwa	28	0.13	5.05	0.05	2.73	11	39.29	3	10.71	1	3.57	12	42.86	1	3.57	0	0.00	15	53.57	13	46.43

District-Wise Annual Fluctuation & Frequency Distribution of Different Ranges from May 2014 to May 2015

Annexure -II A

S. No.	Name of District	No. of wells Analysed	Range in m				Rise						Fall						Rise		Fall	
			Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m		No	%	No	%
			Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
27	Khargone	23	0.08	3.63	0.22	5.18	11	2.00	2	8.70	0	0.00	7	30.43	2	8.70	1	4.35	13	56.52	10	43.48
28	Mandla	33	0.02	7.09	0.05	2.36	12	36.36	2	6.06	1	3.03	17	51.52	1	3.03	0	0.00	15	45.45	18	54.55
29	Mandsaur	39	0.02	5.57	0.11	20.72	7	17.95	1	2.56	1	2.56	14	35.90	9	23.08	7	17.95	9	23.08	30	76.92
30	Morena	9	0.27	0.27	0.20	3.70	1	11.11	0	0.00	0	0.00	5	55.56	3	33.33	0	0.00	1	11.11	8	88.89
31	Narsinghpur	17	0.01	1.35	0.07	3.00	5	29.41	0	0.00	0	0.00	11	64.71	1	5.88	0	0.00	5	29.41	12	70.59
32	Neemuch	32	0.41	6.60	0.11	14.65	4	12.50	2	6.25	1	3.13	15	46.88	4	12.50	6	18.75	7	21.88	25	78.13
33	Panna	26	0.05	1.08	0.06	5.23	4	15.38	0	0.00	0	0.00	16	61.54	4	15.38	2	7.69	4	15.38	22	84.62
34	Raisen	28	0.15	4.70	0.08	3.80	8	28.57	1	3.57	1	3.57	17	60.71	1	3.57	0	0.00	10	35.71	18	64.29
35	Rajgarh	25	0.02	3.75	0.04	3.14	9	36.00	1	4.00	0	0.00	12	48.00	3	12.00	0	0.00	10	40.00	15	60.00
36	Ratlam	41	4.28	5.02	0.15	22.63	0	0.00	0	0.00	3	7.32	16	39.02	3	7.32	19	46.34	3	7.32	38	92.68
37	Rewa	32	0.01	2.10	0.03	5.68	8	25.00	2	6.25	0	0.00	20	62.50	1	3.13	1	3.13	10	31.25	22	68.75
38	Sagar	33	0.17	4.58	0.50	9.35	4	12.12	0	0.00	1	3.03	11	33.33	5	15.15	12	36.36	5	15.15	28	84.85
39	Satna	47	0.04	10.20	0.05	13.90	9	19.15	0	0.00	2	4.26	26	55.32	8	17.02	2	4.26	11	23.40	36	76.60
40	Sehore	21	0.01	7.40	0.05	5.18	7	33.33	0	0.00	1	4.76	12	57.14	0	0.00	1	4.76	8	38.10	13	61.90
41	Seoni	47	0.01	3.14	0.05	4.64	15	31.91	4	8.51	0	0.00	24	51.06	3	6.38	1	2.13	19	40.43	28	59.57
42	Shahdol	22	1.19	1.82	0.08	7.38	2	9.09	0	0.00	0	0.00	14	63.64	5	22.73	1	4.55	2	9.09	20	90.91
43	Shajapur	16	0.04	7.86	0.39	2.55	6	37.50	1	6.25	1	6.25	6	37.50	2	12.50	0	0.00	8	50.00	8	50.00
44	Sheopur	16	0.20	1.90	0.20	4.70	4	25.00	0	0.00	0	0.00	6	37.50	4	25.00	2	12.50	4	25.00	12	75.00
45	Shivpuri	29	0.30	6.10	0.10	8.00	3	10.34	0	0.00	1	3.45	13	44.83	5	17.24	7	24.14	4	13.79	25	86.21
46	Sidhi	29	0.02	0.30	0.05	3.20	7	24.14	0	0.00	0	0.00	20	68.97	2	6.90	0	0.00	7	24.14	22	75.86
47	Singrauli	18	0.15	0.95	0.05	2.34	5	27.78	0	0.00	0	0.00	11	61.11	2	11.11	0	0.00	5	27.78	13	72.22
48	Tikamgarh	22	1.79	4.54	0.52	8.40	1	4.55	2	9.09	1	4.55	7	31.82	7	31.82	4	18.18	4	18.18	18	81.82
49	Ujjain	43	0.14	11.65	0.02	23.34	10	23.26	1	2.33	4	9.30	13	30.23	8	18.60	7	16.28	15	34.88	28	65.12
50	Umaria	13	0.19	4.96	0.15	2.85	2	15.38	1	7.69	1	7.69	4	30.77	5	38.46	0	0.00	4	30.77	9	69.23
51	Vidisha	29	0.10	3.06	0.01	4.70	8	27.59	1	3.45	0	0.00	16	55.17	2	6.90	2	6.90	9	31.03	20	68.97
	Total	1263	0.01	18.18	0.01	23.34	281	22.25	48	3.80	48	3.80	596	47.19	157	12.43	133	10.53	377	29.85	886	70.15

District-Wise Decadal Water Level Fluctuation With Mean [May (2005 to 2014)] and May 2015

Annexure - II C

S. No.	Name of District	No. of wells Analysed	Range in m				Rise						Fall						Rise		Fall	
			Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m		No	%	No	%
			Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
1	Agar Malwa	15	0.83	2.53	0.01	5.74	3	20.00	2	13.33	0	0.00	8	53.33	0	0.00	2	13.33	5	33.33	10	66.67
2	Alirajpur	10	0.19	4.69	0.42	0.78	7	70.00	0	0.00	1	10.00	2	20.00	0	0.00	0	0.00	8	80.00	2	20.00
3	Anuppur	18	0.09	4.80	0.33	1.26	11	61.11	1	5.56	2	11.11	4	22.22	0	0.00	0	0.00	14	77.78	4	22.22
4	Ashok Nagar	14	0.33	3.01	0.54	2.94	8	57.14	3	21.43	0	0.00	2	14.29	1	7.14	0	0.00	11	78.57	3	21.43
5	Balaghat	43	0.06	10.27	0.10	6.76	17	39.53	3	6.98	3	6.98	14	32.56	4	9.30	2	4.65	23	53.49	20	46.51
6	Barwani	9	0.80	1.17	0.09	3.21	2	22.22	0	0.00	0	0.00	6	66.67	1	11.11	0	0.00	2	22.22	7	77.78
7	Betul	29	0.34	8.22	0.26	2.91	14	48.28	2	6.90	4	13.79	5	17.24	4	13.79	0	0.00	20	68.97	9	31.03
8	Bhind	18	0.43	16.22	0.65	8.85	1	5.56	8	44.44	5	27.78	2	11.11	0	0.00	2	11.11	14	77.78	4	22.22
9	Bhopal	23	0.18	3.99	0.75	6.70	13	56.52	5	21.74	0	0.00	3	13.04	1	4.35	1	0.00	18	78.26	5	21.74
10	Burhanpur	14	0.91	9.38	0.03	1.80	3	21.43	1	7.14	3	21.43	7	50.00	0	0.00	0	0.00	7	50.00	7	50.00
11	Chhatarpur	36	0.09	4.05	0.13	6.56	12	33.33	4	11.11	1	2.78	16	44.44	1	2.78	2	5.56	17	47.22	19	52.78
12	Chhindwara	42	0.21	8.80	0.21	11.70	15	35.71	10	23.81	3	7.14	9	21.43	3	7.14	2	4.76	28	66.67	14	33.33
13	Damoh	22	0.08	9.78	0.33	13.36	11	50.00	2	9.09	4	18.18	3	13.64	1	4.55	1	4.55	17	77.27	5	22.73
14	Datia	10	1.37	5.85	0.06	3.64	2	20.00	1	10.00	1	10.00	5	50.00	1	10.00	0	0.00	4	40.00	6	60.00
15	Dewas	26	0.06	6.57	0.26	10.12	6	23.08	4	15.38	1	3.85	8	30.77	4	15.38	3	11.54	11	42.31	15	57.69
16	Dhar	38	0.32	10.44	0.01	11.68	11	28.95	4	10.53	4	10.53	10	26.32	6	15.79	3	7.89	19	50.00	19	50.00
17	Dindori	16	0.01	5.64	0.24	2.28	9	56.25	1	6.25	1	6.25	4	25.00	1	6.25	0	0.00	11	68.75	5	31.25
18	Guna	22	0.05	5.09	0.04	2.64	7	31.82	5	22.73	1	4.55	8	36.36	1	4.55	0	0.00	13	59.09	9	40.91
19	Gwalior	23	0.16	11.88	0.10	6.50	6	26.09	1	4.35	3	13.04	9	39.13	2	8.70	2	8.70	10	43.48	13	56.52
20	Harda	14	0.33	4.37	0.13	6.35	6	42.86	0	0.00	1	7.14	4	28.57	2	14.29	1	7.14	7	50.00	7	50.00
21	Hoshangabad	18	0.15	3.44	0.31	4.45	6	33.33	1	5.56	0	0.00	9	50.00	1	5.56	1	5.56	7	38.89	11	61.11
22	Indore	40	0.11	8.69	0.19	14.00	11	27.50	4	10.00	7	17.50	11	27.50	3	7.50	4	10.00	22	55.00	18	45.00
23	Jabalpur	37	0.05	8.89	0.02	6.63	16	43.24	4	10.81	3	8.11	12	32.43	1	2.70	1	2.70	23	62.16	14	37.84
24	Jhabua	12	0.04	3.40	0.04	3.30	7	58.33	2	16.67	0	0.00	2	16.67	1	8.33	0	0.00	9	75.00	3	25.00
25	Katni	17	0.16	4.01	0.02	2.70	5	29.41	1	5.88	1	5.88	8	47.06	2	11.76	0	0.00	7	41.18	10	58.82
26	Khandwa	28	0.31	4.62	0.30	1.23	14	50.00	8	28.57	3	10.71	3	10.71	0	0.00	0	0.00	25	89.29	3	10.71

District-Wise Decadal Water Level Fluctuation With Mean [May (2005 to 2014)] and May 2015

Annexure - II C

S. No.	Name of District	No. of wells Analysed	Range in m				Rise						Fall						Rise		Fall	
			Rise		Fall		0-2 m		2-4 m		>4 m		0-2 m		2-4 m		>4 m		No	%	No	%
			Min	Max	Min	Max	No	%	No	%	No	%	No	%	No	%	No	%	No	%	No	%
27	Khargone	24	0.03	3.20	0.22	4.51	15	62.50	3	12.50	0	0.00	4	16.67	1	4.17	1	4.17	18	75.00	6	25.00
28	Mandla	34	0.07	4.40	0.03	1.94	18	52.94	5	14.71	1	2.94	10	29.41	0	0.00	0	0.00	24	70.59	10	29.41
29	Mandsaur	40	0.06	4.33	0.01	23.36	11	27.50	3	7.50	2	5.00	16	40.00	4	10.00	4	10.00	16	40.00	24	60.00
30	Morena	11	1.53	8.60	0.40	5.73	2	18.18	2	18.18	1	9.09	4	36.36	0	0.00	2	18.18	5	45.45	6	54.55
31	Narsinghpur	17	0.16	2.59	0.33	3.38	6	35.29	1	5.88	0	0.00	7	41.18	3	17.65	0	0.00	7	41.18	10	58.82
32	Neemuch	33	0.63	4.79	0.11	7.26	7	21.21	8	24.24	2	6.06	8	24.24	3	9.09	5	15.15	17	51.52	16	48.48
33	Panna	26	0.05	8.60	0.16	3.36	9	34.62	2	7.69	1	3.85	12	46.15	2	7.69	0	0.00	12	46.15	14	53.85
34	Raisen	29	0.06	4.85	0.20	1.88	15	51.72	3	10.34	1	3.45	10	34.48	0	0.00	0	0.00	19	65.52	10	34.48
35	Rajgarh	25	0.11	4.04	0.19	2.94	14	56.00	5	20.00	1	4.00	3	12.00	2	8.00	0	0.00	20	80.00	5	20.00
36	Ratlam	42	0.15	6.57	0.04	16.26	11	26.19	1	2.38	2	4.76	9	21.43	4	9.52	15	35.71	14	33.33	28	66.67
37	Rewa	34	0.01	14.51	0.05	1.65	15	44.12	11	32.35	3	8.82	5	14.71	0	0.00	0	0.00	29	85.29	5	14.71
38	Sagar	34	0.15	5.66	0.03	5.86	12	35.29	3	8.82	3	8.82	13	38.24	2	5.88	1	2.94	18	52.94	16	47.06
39	Satna	48	0.15	19.89	0.05	6.18	17	35.42	8	16.67	5	10.42	15	31.25	2	4.17	1	2.08	30	62.50	18	37.50
40	Sehore	21	0.04	8.07	0.12	2.49	9	42.86	1	4.76	4	19.05	6	28.57	1	4.76	0	0.00	14	66.67	7	33.33
41	Seoni	48	0.17	4.14	0.11	3.77	23	47.92	6	12.50	1	2.08	15	31.25	3	6.25	0	0.00	30	62.50	18	37.50
42	Shahdol	22	0.04	3.45	0.08	7.38	4	18.18	1	4.55	0	0.00	11	50.00	5	22.73	1	4.55	5	22.73	17	77.27
43	Shajapur	16	0.09	12.64	0.05	2.40	5	31.25	3	18.75	2	12.50	5	31.25	1	6.25	0	0.00	10	62.50	6	37.50
44	Sheopur	19	0.19	18.42	0.13	3.68	7	36.84	3	15.79	4	21.05	3	15.79	2	10.53	0	0.00	14	73.68	5	26.32
45	Shivpuri	30	0.02	9.18	0.07	6.98	8	26.67	2	6.67	5	16.67	10	33.33	3	10.00	2	6.67	15	50.00	15	50.00
46	Sidhi	30	0.22	5.69	0.03	1.77	13	43.33	4	13.33	4	13.33	9	30.00	0	0.00	0	0.00	21	70.00	9	30.00
47	Singrauli	18	0.15	1.05	0.15	1.37	9	50.00	0	0.00	0	0.00	9	50.00	0	0.00	0	0.00	9	50.00	9	50.00
48	Tikamgarh	22	0.07	4.35	0.20	2.74	8	36.36	3	13.64	2	9.09	7	31.82	2	9.09	0	0.00	13	59.09	9	40.91
49	Ujjain	43	0.02	11.99	0.02	17.11	14	32.56	2	4.65	7	16.28	12	27.91	2	4.65	6	13.95	23	53.49	20	46.51
50	Umaria	13	0.05	1.89	0.23	2.85	6	46.15	0	0.00	0	0.00	6	46.15	1	7.69	0	0.00	6	46.15	7	53.85
51	Vidisha	29	0.10	2.86	0.08	2.41	18	62.07	6	20.69	0	0.00	3	10.34	2	6.90	0	0.00	24	82.76	5	17.24
	Total	1302	0	19.87	0.01	23.36	499	38.33	163	12.52	103	7.91	386	29.65	86	6.61	65	4.99	765	58.76	537	41.24

District-wise Depth to water Level and Distribution of Percentage of Wells for the Period of May-2015 (Unconfined)

Annexure- III(A)

S. No.	Name of District	No. of wells Analysed	Depth to Water Level (mbgl)		Number & Percentage of Wells Showing Depth to Water Level (mbgl) in the Range of											
					0-2		2-5		5-10		10-20		20-40		> 40	
			Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
1	Agar Malwa	15	2.84	18.66	0	0.00	1	6.67	2	13.33	12	80.00	0	0.00	0	0.00
2	Alirajpur	12	3.51	10.83	0	0.00	3	25.00	8	66.67	1	8.33	0	0.00	0	0.00
3	Anuppur	19	3.72	15.86	0	0.00	5	26.32	10	52.63	4	21.05	0	0.00	0	0.00
4	Ashok Nagar	16	1.90	22.60	1	6.25	1	6.25	8	50.00	5	31.25	1	6.25	0	0.00
5	Balaghat	43	1.61	16.59	1	2.33	8	18.60	27	62.79	7	16.28	0	0.00	0	0.00
6	Barwani	9	5.37	18.39	0	0.00	0	0.00	6	66.67	3	33.33	0	0.00	0	0.00
7	Betul	31	1.90	19.80	1	3.23	3	9.68	16	51.61	11	35.48	0	0.00	0	0.00
8	Bhind	18	3.50	49.00	0	0.00	4	22.22	4	22.22	7	38.89	2	11.11	1	5.56
9	Bhopal	24	1.25	16.80	2	8.33	6	25.00	9	37.50	7	29.17	0	0.00	0	0.00
10	Burhanpur	17	4.40	22.35	0	0.00	1	5.88	6	35.29	8	47.06	2	11.76	0	0.00
11	Chhatarpur	39	2.70	17.95	0	0.00	2	5.13	19	48.72	18	46.15	0	0.00	0	0.00
12	Chhindwara	42	2.70	26.30	0	0.00	6	14.29	24	57.14	9	21.43	3	7.14	0	0.00
13	Damoh	23	1.52	25.00	3	13.04	7	30.43	8	34.78	4	17.39	1	4.35	0	0.00
14	Datia	10	4.50	30.90	0	0.00	2	20.00	5	50.00	2	20.00	1	10.00	0	0.00
15	Dewas	26	2.76	29.94	0	0.00	2	7.69	11	42.31	11	42.31	2	7.69	0	0.00
16	Dhar	40	2.26	34.76	0	0.00	4	10.00	13	32.50	19	47.50	4	10.00	0	0.00
17	Dindori	16	1.40	10.00	1	6.25	8	50.00	7	43.75	0	0.00	0	0.00	0	0.00
18	Guna	23	2.75	20.20	0	0.00	3	13.04	10	43.48	9	39.13	1	4.35	0	0.00
19	Gwalior	23	2.90	29.82	0	0.00	2	8.70	8	34.78	8	34.78	5	21.74	0	0.00
20	Harda	14	1.05	22.56	1	7.14	3	21.43	6	42.86	3	21.43	1	7.14	0	0.00
21	Hoshangabad	19	1.24	15.55	1	5.26	3	15.79	11	57.89	4	21.05	0	0.00	0	0.00
22	Indore	41	1.32	49.57	1	2.44	0	0.00	13	31.71	25	60.98	1	2.44	1	2.44
23	Jabalpur	38	1.11	16.70	4	10.53	15	39.47	16	42.11	3	7.89	0	0.00	0	0.00
24	Jhabua	12	1.85	10.71	1	8.33	4	33.33	6	50.00	1	8.33	0	0.00	0	0.00
25	Katni	17	3.90	17.67	0	0.00	1	5.88	7	41.18	9	52.94	0	0.00	0	0.00
26	Khandwa	31	3.85	11.92	0	0.00	5	16.13	22	70.97	4	12.90	0	0.00	0	0.00

District-wise Depth to water Level and Distribution of Percentage of Wells for the Period of May-2015 (Unconfined)

Annexure- III(A)

S. No.	Name of District	No. of wells Analysed	Depth to Water Level (mbgl)		Number & Percentage of Wells Showing Depth to Water Level (mbgl) in the Range of											
					0-2		2-5		5-10		10-20		20-40		> 40	
			Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
27	Khargone	24	2.59	12.69	0	0.00	7	29.17	9	37.50	8	33.33	0	0.00	0	0.00
28	Mandla	34	1.89	13.00	1	2.94	16	47.06	15	44.12	2	5.88	0	0.00	0	0.00
29	Mandsaur	42	4.53	49.40	0	0.00	2	4.76	13	30.95	17	40.48	6	14.29	4	9.52
30	Morena	14	4.00	30.40	0	0.00	1	7.14	5	35.71	3	21.43	5	35.71	0	0.00
31	Narsinghpur	17	2.77	23.00	0	51.43	2	11.76	9	52.94	4	23.53	2	11.76	0	0.00
32	Neemuch	34	4.22	25.36	0	0.00	4	11.76	14	41.18	13	38.24	3	8.82	0	0.00
33	Panna	26	2.53	20.17	0	0.00	4	15.38	15	57.69	6	23.08	1	3.85	0	0.00
34	Raisen	30	3.75	20.10	0	0.00	4	13.33	17	56.67	8	26.67	1	3.33	0	0.00
35	Rajgarh	26	4.91	15.80	0	0.00	2	7.69	12	46.15	11	42.31	0	0.00	0	0.00
36	Ratlam	44	4.75	47.26	0	0.00	1	2.27	9	20.45	20	45.45	8	18.18	6	13.64
37	Rewa	36	2.80	18.80	0	0.00	2	5.56	20	55.56	14	38.89	0	0.00	0	0.00
38	Sagar	40	3.16	36.52	0	0.00	7	17.50	17	42.50	14	35.00	2	5.00	0	0.00
39	Satna	52	2.35	30.80	0	0.00	7	13.46	31	59.62	13	25.00	1	1.92	0	0.00
40	Sehore	23	3.04	16.16	0	0.00	1	4.35	11	47.83	11	47.83	0	0.00	0	0.00
41	Seoni	48	1.12	23.90	2	4.17	15	31.25	23	47.92	7	14.58	1	2.08	0	0.00
42	Shahdol	22	5.63	16.10	0	0.00	0	0.00	16	72.73	6	27.27	0	0.00	0	0.00
43	Shajapur	17	5.37	14.24	0	0.00	0	0.00	10	58.82	7	41.18	0	0.00	0	0.00
44	Sheopur	19	4.82	25.45	0	0.00	1	5.26	9	47.37	7	36.84	2	10.53	0	0.00
45	Shivpuri	30	3.90	17.70	0	0.00	5	16.67	12	40.00	13	43.33	0	0.00	0	0.00
46	Sidhi	33	3.45	18.35	0	0.00	6	18.18	16	48.48	11	33.33	0	0.00	0	0.00
47	Singrauli	20	3.83	16.87	0	0.00	2	10.00	10	50.00	8	40.00	0	0.00	0	0.00
48	Tikamgarh	22	2.48	12.92	0	0.00	2	9.09	14	63.64	7	31.82	0	0.00	0	0.00
49	Ujjain	45	3.95	47.22	0	0.00	4	8.89	17	37.78	20	44.44	3	6.67	1	2.22
50	Umaria	15	4.90	25.22	0	0.00	1	6.67	10	66.67	3	20.00	1	6.67	0	0.00
51	Vidisha	30	2.95	20.15	0	0.00	5	16.67	14	46.67	10	33.33	1	3.33	0	0.00
	Total	1361	1.05	49.57	20	1.47	200	14.70	630	46.29	437	32.11	61	4.48	13	0.96

District-wise Depth to water Level and Distribution of Percentage of Wells for the Period of May- 2015 (Confined/Semi-confined)

Annexure- IIIB

S. No.	Name of District	No. of wells Analysed	Depth to Water Level (mbgl)		Number & Percentage of Wells Showing Depth to Water Level (mbgl) in the Range of											
					0-2		2-5		5-10		10-20		20-40		> 40	
			Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
1	Alirajpur	1	23.64	23.64	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
2	Anuppur	3	6.18	9.51	0	0.00	0	0.00	3	100.00	0	0.00	0	0.00	0	0.00
3	Ashok Nagar	1	9.21	9.21	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00
5	Balaghat	5	6	11	0	0.00	0	0.00	3	60.00	2	40.00	0	0.00	0	0.00
6	Barwani	2	22.56	24.94	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	0	0.00
7	Betul	3	5.28	42.10	0	0.00	0	0.00	1	33.33	0	0.00	1	33.33	1	33.33
8	Bhopal	3	10.43	47.45	0	0.00	0	0.00	0	0.00	2	66.67	0	0.00	1	33.33
10	Chhindwara	5	9.85	64.24	0	0.00	0	0.00	1	20.00	0	0.00	2	40.00	2	40.00
11	Damoh	5	6.50	49.40	0	0.00	0	0.00	1	20.00	1	20.00	2	40.00	1	20.00
12	Dewas	5	9.96	39.61	0	0.00	0	0.00	1	20.00	0	0.00	4	80.00	0	0.00
13	Dhar	3	12	17	0	0.00	0	0.00	0	0.00	3	100.00	0	0.00	0	0.00
14	Guna	3	18.86	31.70	0	0.00	0	0.00	0	0.00	1	33.33	2	66.67	0	0.00
15	Indore	7	14.53	31.64	0	0.00	0	0.00	0	0.00	3	42.86	4	57.14	0	0.00
16	Jabalpur	6	7	22	0	0.00	0	0.00	2	33.33	3	50.00	1	16.67	0	0.00
18	Jhabua	3	7.03	38.97	0	0.00	0	0.00	1	33.33	0	0.00	2	66.67	0	0.00
19	Khargone	4	7.64	28.91	0	0.00	0	0.00	1	25.00	2	50.00	1	25.00	0	0.00
20	Mandsaur	6	6.44	74.34	0	0.00	0	0.00	1	16.67	2	33.33	1	16.67	2	33.33
22	Narsinghpur	4	10.70	49.08	0	0.00	0	0.00	0	0.00	3	75.00	0	0.00	1	25.00
23	Neemuch	2	13.82	64.16	0	0.00	0	0.00	0	0.00	1	50.00	0	0.00	1	50.00
25	Panna	3	9.38	24.61	0	0.00	0	0.00	1	33.33	1	33.33	1	33.33	0	0.00

District-wise Depth to water Level and Distribution of Percentage of Wells for the Period of May- 2015 (Confined/Semi-confined)

Annexure- IIIB

S. No.	Name of District	No. of wells Analysed	Depth to Water Level (mbgl)		Number & Percentage of Wells Showing Depth to Water Level (mbgl) in the Range of											
					0-2		2-5		5-10		10-20		20-40		> 40	
			Min	Max	No	%	No	%	No	%	No	%	No	%	No	%
26	Raisen	2	17.52	21.15	0	0.00	0	0.00	0	0.00	1	50.00	1	50.00	0	0.00
27	Rajgarh	6	7.16	59.60	0	0.00	0	0.00	2	33.33	2	33.33	0	0.00	2	33.33
28	Ratlam	5	15.25	54.28	0	0.00	0	0.00	0	0.00	1	20.00	2	40.00	2	40.00
29	Rewa	1	6.44	6.44	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00
30	Sagar	5	17.77	46.85	0	0.00	0	0.00	0	0.00	1	20.00	3	60.00	1	20.00
31	Satna	2	9.20	29.65	0	0.00	0	0.00	1	50.00	0	0.00	1	50.00	0	0.00
32	Sehore	6	7.66	58.52	0	0.00	0	0.00	1	16.67	1	16.67	3	50.00	1	16.67
33	Shahdol	2	8.65	13.47	0	0.00	0	0.00	1	1.00	1	50.00	0	0.00	0	0.00
34	Shajapur	1	39.50	39.50	0		0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
35	Sheopur	1	23.32	23.32	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
36	Shivpuri	5	8.40	49.40	0	0.00	0	0.00	2	40.00	2	40.00	0	0.00	1	20.00
37	Sidhi	2	2.97	10.00	0	0.00	1	50.00	1	50.00	0	0.00	0	0.00	0	0.00
38	Singrauli	1	24.55	24.55	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
39	Tikamgarh	3	5.62	13.30	0	0.00	0	0.00	2	66.67	1	33.33	0	0.00	0	0.00
40	Ujjain	6	4.23	49.60	0	0.00	1	16.67	2	33.33	0	0.00	2	33.33	1	16.67
41	Umaria	1	11.43	11.43	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00
42	Vidisha	1	21.62	21.62	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00
	Total	124	2.97	74.34	0	0.00	2	1.61	30	24.19	35	28.23	40	32.26	17	13.71