

**Table- Result of Various parameters of Water Samples collected from different Districts of Madhya Pradesh during 2020-2021**

S. No	District	Name of water body	pH			Dissolved Oxygen (mg/L)			TDS (mg/L)			BOD mg/L			COD mg/L			Total Alkalinity mg/L			Total Hardness mg/L			Nitrate mg/L			Phosphate mg/L		
			St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3	St-1	St-2	St-3
1	Agar Malwa	Ratna Sagar, Agar	7.5	7.6	7.6	5.2	6.8	7.2	214.0	266.0	237.0	1.2	0.8	1.6	10.0	10.0	12.0	108.0	106.0	102.0	108.0	98.0	90.0	2.1	2.0	2.1	1.0	1.0	1.1
2	Barwani	Barwani Talab	8.0	8.2	8.3	7.6	8.0	8.8	268.0	244.0	269.0	0.8	0.4	0.8	14.0	10.0	12.0	102.0	88.0	110.0	88.0	90.0	102.0	2.2	2.2	2.2	2.0	1.8	1.6
		Borlay Talab	8.1	8.3	8.2	8.0	9.6	7.6	209.0	187.0	211.0	1.8	1.2	1.2	20.0	12.0	14.0	96.0	104.0	90.0	110.0	96.0	92.0	2.1	2.0	1.9	1.1	1.0	1.0
3	Dhar	Jetpur Talab	8.0	8.2	8.3	6.8	6.8	7.6	236.0	219.0	277.0	1.2	0.4	0.8	12.0	10.0	12.0	118.0	120.0	112.0	86.0	82.0	88.0	2.2	2.0	2.1	1.1	1.1	1.2
4	Jhabua	Boda Talab, Meehanagar	7.6	7.8	7.5	5.2	6.8	6.4	196.0	187.0	169.0	2.4	0.8	1.2	24.0	22.0	18.0	108.0	110.0	104.0	80.0	76.0	82.0	2.4	2.2	2.4	1.2	1.1	1.2
		Rana Sagar, Ranapur	7.7	8.1	8.3	5.6	8.0	8.8	138.0	144.0	131.0	0.8	0.0	1.2	12.0	8.0	12.0	122.0	118.0	116.0	106.0	98.0	102.0	2.0	1.9	1.7	1.0	0.9	0.9
5	Alirajpur	Borekhad Talab,	8.2	8.4	8.5	7.2	8.0	7.6	221.0	257.0	239.0	1.8	1.4	1.2	16.0	12.0	12.0	107.0	111.0	104.0	102.0	112.0	104.0	2.3	2.1	2.1	1.1	1.0	1.1
		Gadat Talab	8.1	8.3	8.4	7.6	8.4	8.0	224.0	189.0	207.0	1.4	0.4	1.2	22.0	18.0	14.0	114.0	110.0	108.0	90.0	84.0	88.0	2.1	2.0	2.2	1.0	0.9	1.1
6	Burhanpur	Dawadiya Pani Lake	Lake was Dry. Sample couldn't be collected																										
7	Khandwa	Malfalya Lake	ND	7.8	ND	ND	8.0	ND	ND	528.0	ND	ND	1.6	ND	ND	14.0	ND	ND	112.0	ND	ND	76.0	ND	ND	1.4	ND	ND	0.8	ND
		Ardala Talab, Pangdhana Town	7.7	7.6	7.5	7.2	6.8	7.2	291.0	295.0	292.0	1.6	0.4	1.2	12.0	14.0	10.0	108.0	110.0	104.0	84.0	82.0	78.0	3.0	2.8	2.8	1.4	1.3	1.5
8	Khargone	Bhagwanpura Talab, Bagaoria	7.6	7.7	7.8	7.2	7.6	7.2	507.0	492.0	498.0	0.4	0.0	0.4	18.0	20.0	16.0	116.0	112.0	120.0	106.0	102.0	98.0	2.0	1.9	1.9	1.0	1.0	1.1
		Sageon Talab, Mahugeon	7.7	7.6	7.7	6.8	6.8	7.2	481.0	431.0	647.0	1.6	0.8	1.6	20.0	14.0	18.0	112.0	108.0	110.0	106.0	100.0	108.0	2.1	2.1	2.3	1.7	1.6	1.6
9	Ujjain	Rudra Sagar	9.3	9.1	8.9	NIL	NIL	3.2	2742.0	1866.0	1238.0	12.0	16.0	12.0	30.0	42.0	28.0	176.0	182.0	162.0	184.0	190.0	186.0	4.2	4.6	4.7	2.2	2.4	2.3
		Gowardhan Sagar	9.4	8.6	8.7	5.2	NIL	NIL	3142.0	1216.0	2682.0	2.4	20.0	16.0	18.0	46.0	32.0	166.0	172.0	148.0	176.0	182.0	180.0	4.1	4.1	4.2	2.4	2.4	2.2
		Purushottam Sagar	9.5	9.2	9.2	8.0	7.6	6.4	1842.0	1854.0	1852.0	0.4	0.4	0.8	12.0	10.0	12.0	128.0	116.0	124.0	168.0	170.0	166.0	3.2	3.4	3.1	2.0	2.0	2.2
10	Anuppur	Dulha Talab	9.2	8.9	8.8	11.6	10.0	7.2	284.0	282.0	302.0	0.0	0.0	1.2	10.0	12.0	16.0	112.0	116.0	108.0	112.0	110.0	104.0	2.0	1.4	1.6	0.9	0.9	0.8
		Badi Bheeth Talab	9.7	9.0	8.5	8.8	8.4	6.8	217.0	287.0	281.0	0.8	0.4	1.2	10.0	14.0	12.0	126.0	118.0	120.0	110.0	102.0	106.0	1.6	1.6	1.8	0.8	0.7	0.8
11	Shahdol	Hanuman Sagar	8.8	8.7	8.5	7.2	8.0	5.6	222.0	211.0	221.0	0.8	0.0	0.4	18.0	12.0	16.0	112.0	120.0	122.0	104.0	112.0	110.0	1.9	1.6	1.7	0.8	0.8	0.8
		Bhartendani Talab, Chhapara	8.8	8.8	8.4	10.4	11.2	10.0	320.0	309.0	306.0	0.4	0.4	0.8	12.0	12.0	10.0	108.0	114.0	112.0	78.0	80.0	76.0	1.6	1.4	1.3	1.1	1.0	1.1
13	Chhindwara	Gudhanamal Talab	8.8	8.6	8.7	12.0	8.0	8.8	344.0	356.0	357.0	1.6	1.2	1.6	26.0	20.0	22.0	127.0	128.0	120.0	86.0	82.0	80.0	2.1	1.9	1.9	1.1	1.0	1.1
		Kabadiya Talab/Kanbargaon	8.8	8.8	8.9	7.6	8.0	6.4	296.0	277.0	278.0	1.2	0.4	1.2	18.0	20.0	16.0	120.0	104.0	118.0	92.0	80.0	2.2	2.2	2.2	1.4	1.3	1.3	
14	Narsinghpur	Saikheda Talab, Saikheda NP	11.7	11.8	11.8	18.0	30.0	30.4	535.0	542.0	558.0	1.2	1.2	1.6	12.0	10.0	18.0	136.0	142.0	138.0	104.0	112.0	108.0	3.0	2.9	2.9	1.6	1.4	1.3
		Chargaon Talab	9.7	9.8	9.8	6.0	8.0	6.4	237.0	226.0	222.0	2.8	2.0	2.8	16.0	20.0	24.0	107.0	109.0	114.0	66.0	68.0	56.0	2.1	2.0	2.0	1.2	1.1	1.2
15	Dindori	Dulhari Talab	9.5	9.6	9.6	6.0	8.4	7.2	265.0	266.0	266.0	1.6	0.8	1.2	18.0	12.0	14.0	112.0	110.0	118.0	72.0	70.0	66.0	2.1	2.1	2.1	1.2	1.1	1.1
16	Mandla	Babuda Talab, Bamhani Banjar	10.2	10.3	10.4	17.6	21.6	23.2	920.0	928.0	929.0	2.4	3.6	1.6	22.0	16.0	20.0	136.0	142.0	144.0	102.0	98.0	108.0	3.2	3.1	3.2	2.0	1.8	1.8
		Sagar Talab, Bamhani Banjar	8.8	9.6	9.6	7.2	5.6	2.4	716.0	650.0	666.0	2.0	2.4	5.6	12.0	16.0	16.0	128.0	122.0	130.0	86.0	78.0	80.0	3.0	2.8	2.8	1.9	1.7	1.6
17	Balaghat	Sarathi Reservoir, Takadi	9.3	9.2	9.1	8.8	8.4	7.6	152.0	152.0	156.0	2.4	1.6	2.0	18.0	20.0	16.0	124.0	116.0	118.0	76.0	70.0	72.0	2.1	2.0	2.1	1.7	1.5	1.7
		Vari Reservoir, Lanji	9.0	9.2	9.4	7.6	8.0	8.0	144.0	106.0	107.0	1.2	0.8	1.6	14.0	14.0	12.0	120.0	114.0	118.0	68.0	66.0	60.0	2.4	2.3	2.2	1.7	1.6	1.7

ND : Not done lake was dried at this station and sample could not be collected