



Bihar State Pollution Control Board

Parivesh Bhawan, NSB-2, Patliputra Industrial Area

Patliputra, Patna-800 010

Water Quality Status under NWMP

Name of Monitoring Agency-BSPCB

Name of State-Bihar

Monitoring Month May, 2022

Frequency: Monthly

Sampling Date	Name Of Monitoring Location	Latitude	Longitude	Type Water Body	Name Of WaterBody	District	State Name	Temperature	Dissolved O2 (mg/L)	pH	Conductivity (µmho/cm)	BOD (mg/L)	NitrateN (mg/L)	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	E.Coli (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Turbidity (mg/L)	Total Alkalinity (mg/L)	Chlorides (mg/L)	COD (mg/L)	Ammonical-N (mg/L)	Total Hardness (mg/L)	Ca as CaCo3 (mg/L)	Mg as CaCo3 (mg/L)	Sulphate (mg/L)	Total Dissolved Solids (mg/L)	Total Fixed Solids (mg/L)	Total Suspended Solids (mg/L)	Phosphate (mg/L)	Fluoride (mg/L)
18-05-2022	RIVER GANGA AT MAA AMBIKA ASTHAN, AAMI, SARAN	25.740235	84.963161	RIVER	GANGA	SARAN	BIHAR	29	8.3	7.85	349	1.6	0.3	28000	35000	11000	33	12.2	110	13	20	0.4	140	25.6	18.5	13.98	238	180	16	0.2	0.61
18-05-2022	RIVER GANGA AT ARA- CHAPRA ROAD BRIDGE (KOILWER BANURA-CHAPRA ROAD)	25.68032	84.785773	RIVER	GANGA	BHOJPUR/SARAN	BIHAR	29	8.5	7.87	359	1.9	0.3	170	330	68	2	33.8	120	23	20	0.4	110	21.6	13.6	38.14	236	192	38	0.2	0.69
18-05-2022	RIVER GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANI, CHAPRA	25.708441	84.889727	RIVER	GANGA	SARAN	BIHAR	29	7.9	7.97	366	2	0.31	7900	22000	2700	17	31.7	130	23	24	0.4	130	24	17	29.42	246	204	36	0.2	0.47
31-05-2022	RIVER SONE NEAR BANZARI, ROHTAS	24.671905	84.010068	RIVER	SONE	ROHTAS	BIHAR	30	8.6	7.71	162	1	0.3	7000	9400	NA	NA	20.2	84	10	8	0.4	90	28	4.9	17.45	110	98	26	0.2	0.2
23-05-2022	RIVER DAHA D/S AT SASAMUSA, GOPALGANJ	26.520035	84.357095	RIVER	DAHA	SIWAN	BIHAR	NA				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-05-2022	RIVER DAHA U/S SASAMUSA, GOPALGANJ	26.231264	84.354868	RIVER	DAHA	GOPALGANJ	BIHAR	NA				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-05-2022	RIVER SONE AT ROAD BRIDGE- DEHRI-ON-SONE, ROHTAS	24.902545	84.195807	RIVER	SONE	ROHTAS	BIHAR	30	7.6	7.67	146	1.7	0.3	1700	3300	NA	NA	13.9	88	15	12	0.4	84	25.6	4.9	18.46	98	86	18	0.2	0.2

31-05-2022	23-05-2022	31-05-2022	17-05-2022	26-05-2022	23-05-2022	26-05-2022	23-05-2022	26-05-2022	26-05-2022	30-05-2022
RIVER MANUSMAR AT RIGA, SITAMARHI	RIVER GANDAK AT ROAD BRIDGE, U/S HAIPUR	RIVER MANUSMAR U/S (RIGA), SITAMARHI	RIVER GANGA AT MOKAMA (D/S)	RIVER RAMREKHA AT HARINAGAR, WEST CHAMPARAN	RIVER GANDAK AT KONHARA GHAT, VAISHALI	RIVER RAMREKHA AT U/S HARINAGAR, WEST CHAMPARAN	RIVER GANDAK AT SONEPUR, PATNA (B/C GANGA), SARAN	RIVER HARBORA AT MARKATTAGANI, WEST CHAMPARAN	RIVER HARBORA, U/S WEST CHAMPARAN	RIVER SONE AT WATER INTAKE POINT BHARTYA RAIL BIJAI CO. LTD (BRCL) NAVINAGAR, AURANGABAD
26.576389	25.692357	26.658543	25.381441	27.170083	25.678586	27.17026	25.675279	27.105529	27.094829	24.887181
85.317222	85.195574	85.400266	85.987169	84.322471	85.194604	84.322348	85.189845	84.454541	84.143868	84.2106
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
MANUSMAR	GANDAK	MANUSMAR	GANGA	RAMREKHA	GANDAK	RAMREKHA	GANDAK	HARBORA	HARBORA	SONE
SITAMARHI	VAISHALI	SITAMARHI	PATNA	WEST CHAMPARA N	PATNA	WEST CHAMPARA N	PATNA	WEST CHAMPARA N	WEST CHAMPARA N	AURANGABA D
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
32	27	31	35	30	26	29	25	29	30	30
6.5	8.3	7	7.9	0.3	7.6	1.3	7.8	7.5	8.5	7.2
7.81	7.52	7.75	7.75	6.78	7.24	7.19	7.89	7.82	7.1	8.03
339	218	342	305	358	223	292	214	231	288	169
2.6	1.9	1.9	2.1	4	2.1	3	2.1	2.1	1.9	1.9
0.3	0.3	0.3	0.34	0.3	0.3	0.3	0.3	0.33	0.46	0.3
92000	2200	35000	3500	79000	170	130000	92000	13000	2700	3400
160000	4900	92000	4300	240000	400	350000	160000	22000	4000	13000
NA	NA	NA	2800	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	17	NA	NA	NA	NA	NA	NA	NA
16.2	183.2	10	61.8	29.3	217	38.7	246.6	22.8	19.9	15.1
180	130	188	142	178	130	146	124	140	168	88
10	7	9	20	26	5	22	8	12	10	15
24	12	16	24	36	20	32	20	20	16	16
0.4	0.4	0.4	0.4	3.06	0.4	2.39	0.4	0.4	0.4	0.4
176	130	182	144	174	130	148	120	136	164	90
29.6	24.8	32	32.8	39.2	23.2	26.4	23.2	27.2	31.2	24.8
24.8	16.5	24.8	15.1	18.5	17.5	19.9	15.1	16.5	20.9	6.8
10.29	44.74	11.86	31.98	34.45	44.4	21.59	49.21	35.34	42.95	19.91
226	136	224	198	230	138	186	134	152	188	114
178	230	168	188	188	252	162	276	128	150	98
20	186	12	66	32	220	42	250	26	24	20
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.33	0.2	0.55	0.2	0.29	0.28	0.74	0.29	0.29	0.76	0.68

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31-05-2022	26-05-2022	17-05-2022	25-05-2022	31-05-2022	25-05-2022	17-05-2022	31-05-2022	23-05-2022	23-05-2022	17-05-2022
RIVER LAKHANDEI SITAMARHI D/S	RIVER BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR	RIVER GANGA AT U/S BARAHPUR BINDTOU	RIVER BURHI GANDAK AT BARAGHAKIA, EAST CHAMPARAN	RIVER LAKHANDEI SITAMARHI U/S	RIVER BURHI GANDAK AT LAL BAGIA GHAT, MOTIHARI DHAKA ROAD, EAST CHAMPARAN	RIVER GANGA AT D/S NAWADAGHAT, BARH, PATNA	RIVER MANUSMAR AT PARSHURAMPUR, RIGA - BELSUND ROAD, SITAMARHI	RIVER GANDAK GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUMARIA GHAT)	RIVER GANDAK AT REWAGHAT, MUJAFARPUR	RIVER GANGA AT BARH
26.73899	26.138571	25.586863	26.415383	26.588526	26.660087	24.890805	25.527166	26.360672	25.988349	25.487275
85.541954	85.388808	84.693046	85.066452	85.499289	85.01303	85.56	85.396373	84.749947	85.045545	85.705236
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
LAKHANDEI	BURHI GANDAK	GANGA	BURHI GANDAK	LAKHANDEI	BURHI GANDAK	GANGA	MANUSMAR	GANDAK	GANDAK	GANGA
SITAMARHI	MUZAFFARPUR	Patna	EAST CHAMPARAN	SITAMARHI	EAST CHAMPARAN	Patna	SITAMARHI	GOPALGANJ	MUZAFFARPUR	PATNA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
33	31	34	29	33	29	34	31	29	28	34
1.2	7.6	8.5	8.6	3.1	6.2	7.5	6.2	7.9	8.1	7.8
7.03	7.61	7.73	7.94	7.32	7.57	8.01	7.48	7.42	7.35	8.35
346	291	333	245	254	230	298	326	202	213	292
5	1.4	2.8	1.5	4	2.3	2.1	2.5	2.2	2	2.2
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.33
92000	1700	170	24000	4900	1300	110	1700	130	3300	2700
160000	3500	330	35000	7900	4300	170	3300	330	7900	13000
NA	NA	45	NA	NA	NA	45	NA	NA	NA	680
NA	NA	11	NA	NA	NA	2	NA	NA	NA	2
18.7	27.2	46.2	68.3	91.2	43.6	26.2	12	240.5	170.8	37.2
142	130	138	128	114	130	144	194	130	120	148
26	13	22	13	12	16	19	13	7	7	23
36	16	28	12	28	20	24	20	16	16	20
3.44	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
144	136	136	132	110	126	140	188	226	120	150
40	25.6	26.4	31.2	25.6	32	29.6	38.4	37.6	20.8	28.8
10.7	17.5	17	13.1	11.2	11.2	16	22.3	32.1	16.5	18.9
31.77	14.76	33.56	21.14	22.37	21.48	31.32	14.99	44.96	41.16	31.99
218	186	202	160	170	152	198	216	128	134	196
174	154	178	168	186	142	164	168	264	222	168
24	32	50	72	94	46	30	16	246	174	42
0.25	0.2	0.2	0.2	0.2	0.2	0.2	0.23	0.2	0.2	0.2
0.62	0.64	0.2	0.36	0.2	0.48	0.2	0.2	0.43	0.38	0.2

26-05-2022	30-05-2022	04-05-2022	03-05-2022	04-05-2022	13-05-2022	04-05-2022	17-05-2022	04-05-2022	27-05-2022	26-05-2022
RIVER BURHI GANDAK U/S ROAD BRIDGE MUZAFFARPUR (NH)	RIVER POONPUN NEAR POONPUN RAIL BRIDGE, PATNA	RIVER GANGA AT D/S NAWADAGHAT, BARH, PATNA	RIVER PUNPUN AT PUNPUN, PATNA	RIVER GANGA AT BARH	RIVER BURHI GANDAK AT KHAGARIA ROAD BRIDGE, KHAGARIA	RIVER GANGA AT MOKAMA (D/S)	RIVER GANGA AT BARAHYA, NEPALITOIA, MARANCHI, LAKSHISARAI	RIVER GANGA AT MOKAMA (U/S), MAHADEO ASTHAN, PATNA	RIVER BURHI GANDAK AT Z ROAD BRIDGE, SAMASTIPUR	RIVER BURHI GANDAK U/S ROAD BRIDGE MUZAFFARPUR (NH)
26.78378	25.513517	24.890805	25.627333	25.487275	25.501374	25.381441	25.315313	25.401104	25.867123	26.136076
84.65578	85.292658	85.56	85.155472	85.705236	86.479837	85.987169	86.029821	85.923198	85.784927	85.381196
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
KOHRA (GANGA)	POONPUN	GANGA	PUNPUN	GANGA	BURHI GANDAK	GANGA	GANGA	GANGA	BURHI GANDAK	BURHI GANDAK
WEST CHAMPARAN	PATNA	Patna	PATNA	PATNA	KHAGARIA	PATNA	MUZAFFARPUR	PATNA	SITAMARHI	MUZAFFARPUR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
31	30	31	28	28	31	32	37	31	32	31
8	7.8	8.3	2.1	8.6	8.6	8.7	8	8.2	7.6	7.9
7.6	8.34	7.48	7.72	7.64	7.35	7.21	8.16	7.6	7.49	7.25
409	256	389	701	381	416	386	257	293	321	264
1.6	1.9	1.2	4	1.3	1.5	1.3	1.6	1.2	1.3	2.2
0.3	0.3	0.3	0.3	0.31	0.31	0.3	0.3	0.3	0.31	0.3
170	1300	1300	92000	22000	4900	1300	28000	13000	1700	24000
460	3300	2400	160000	54000	7900	1700	35000	24000	2100	35000
NA	NA	220	NA	3300	NA	450	4000	1400	NA	NA
NA	NA	2	NA	4.5	NA	6.8	170	2	NA	NA
73.7	21.2	29.5	37.5	48.8	23.8	33.2	35.6	31.6	25.9	23.4
152	98	168	160	170	152	166	108	160	120	140
17	38	26	63	28	26	28	21	29	16	14
12	16	12	36	12	16	12	20	12	16	20
0.4	0.4	0.4	8.91	0.4	0.4	0.4	0.4	0.4	0.4	0.4
154	90	172	156	180	152	164	112	160	130	136
26.4	19.2	39.2	28.8	36.8	24	32	20.8	31.2	32.8	27.2
21.4	10.2	18	20.4	21.4	22.3	20.4	14.6	19.9	11.7	16.5
47.42	32.21	41.05	24.05	44.52	21.25	35.46	31.88	41.83	15.99	15.77
274	162	256	448	256	274	248	170	256	208	172
248	132	212	352	224	216	210	146	212	172	142
76	24	38	48	54	28	42	38	40	28	26
0.2	0.2	0.2	0.51	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.55	0.24	0.2	0.65	0.32	0.54	0.6	0.2	0.66	0.71	0.71

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26-05-2022	RIVER KOHRA (GANGA) D/S RAU GHAT, MANHAULIA, WEST CHAMPARAN	26.784669	84.655511	RIVER	KOHRA (GANGA)	WEST CHAMPARAN	BIHAR	31	4.7	7.56	492	2.5	0.3	780	2300	NA	NA	36.8	130	15	32	2.02	128	28	14.1	35.9	312	248	40	0.2	0.73
27-05-2022	RIVER SIRSIYA AT RAXAUL, EAST CHAMPARAN	26.98375	84.857739	RIVER	SIRSIYA (GANGA) BIHAR	EAST CHAMPARAN	BIHAR	28	0.3	6.5	523	6	0.3	350000	540000	NA	NA	32.4	220	83	44	7.41	210	42.4	25.3	38.25	330	258	36	0.64	0.9
27-05-2022	RIVER SIRSIYA D/S RAXAUL (KORIA TOLA), EAST CHAMPARAN	26.988061	84.855244	RIVER	SIRSIYA (GANGA) BIHAR	EAST CHAMPARAN	BIHAR	30	0.3	6.66	549	7	0.3	350000	920000	NA	NA	29.7	218	88	40	9.54	210	40.8	26.2	36.13	340	270	32	0.64	0.93
04-05-2022	RIVER GANGA AT U/S BARAHPUR BINDTOLI	25.586863	84.693046	RIVER	GANGA	Patna	BIHAR	31	7.1	7.24	428	1.6	0.36	22000	54000	4900	4.5	73.4	166	35	16	0.4	164	32.8	19.9	42.5	286	262	84	0.2	0.56
31-05-2022	RIVER POONPUN NEAR KINZER ROAD BRIDGE, JEHANABAD	25.217822	84.826131	RIVER	POONPUN	PATNA	BIHAR	32	8.8	8.32	260	1	0.3	780	2200	NA	NA	15.5	138	23	8	0.4	140	29.6	16	21.14	164	130	18	0.2	0.64
27-05-2022	RIVER DHOUS AT MADHUPUR, MADHUBANI	26.410836	86.237178	RIVER	DHOUS	MADHUBANI	BIHAR	30	6.4	7.3	271	3	0.3	2700	7900	NA	NA	66.9	94	17	28	0.4	90	22.4	8.3	22.37	178	176	70	0.2	0.94
06-05-2022	RIVER GANGA AT BARAHIYA, NEPALITOLA, MARANCHI, LAKSHISARAI	25.315313	86.029821	RIVER	GANGA	MUZAFFARPUR	BIHAR	31	7.3	7.57	398	2.1	0.31	3300	17000	1100	130	59.9	152	24	20	0.4	146	32.8	15.5	40.6	262	236	68	0.2	0.59
27-05-2022	RIVER DHONS AT MADHUPUR, MADHUBANI	26.411533	86.237133	RIVER	DHONS	MADHUBANI	BIHAR	30	7	7.22	257	2.1	0.3	11000	14000	NA	NA	146.4	88	18	20	0.4	80	18.4	8.3	24.83	170	230	150	0.2	0.86
12-05-2022	RIVER MAHANANDA AT THAKURGANI, KISHANGANJ ROAD BRIDGE, KISHANGANJ	26.392347	88.155896	RIVER	MAHANANDA	KISHANGANJ	BIHAR	27	8.3	7.26	100	1.2	0.3	1700	4900	NA	NA	13.7	40	9	12	0.4	50	16	4	14.88	68	62	18	0.2	0.54
04-05-2022	RIVER GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	25.368174	86.464302	RIVER	GANGA	MUNGER	BIHAR	28	8.4	7.7	379	1.3	0.3	7000	11000	1700	6.8	32.4	140	24	12	0.4	130	23.2	17.5	39.15	250	206	38	0.2	0.51
04-05-2022	RIVER GANGA AT MUNGER	25.384978	86.458978	RIVER	GANGA	MUNGER	BIHAR	30	8.2	7.03	394	1.5	0.31	790	1100	220	4.5	46.4	152	26	16	0.4	150	28	19.4	36.8	256	220	56	0.2	0.63

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17-05-2022	RIVER GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	25.368174	86.464302	RIVER	GANGA	MUNGER	BIHAR	34	9.1	7.62	304	1.2	0.33	17000	35000	2100	110	70.5	150	20	12	0.44	148	39.2	12.1	34.79	194	194	74	0.2	0.2
06-05-2022	RIVER GANGA AT U/S SULTANGANJ, BHAGALPUR	25.252575	86.725558	RIVER	GANGA	BHAGALPUR	BIHAR	24	8.2	7.91	376	1.6	0.3	92000	160000	54000	6.8	28.2	130	23	16	0.4	124	24	15.5	34.9	248	204	38	0.2	0.33
06-05-2022	RIVER GANGA AT SULTANGANJ, BHAGALPUR	25.257511	86.747053	RIVER	GANGA	BHAGALPUR	BIHAR	24	8	7.61	384	1.5	0.3	24000	54000	1700	280	33.5	146	30	16	0.4	140	25.6	18.5	40.04	248	212	44	0.2	0.39
12-05-2022	RIVER PARMAR AT JOGBANI, ARARIA	26.399461	87.242477	RIVER	FARMAR	ARARIA	BIHAR	29	7.7	7.11	217	1.6	0.3	1700	3300	NA	NA	19.7	130	14	16	0.4	130	32	12.1	21.48	136	114	24	0.2	0.67
05-05-2022	RIVER GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	25.271603	87.025665	RIVER	GANGA	BHAGALPUR	BIHAR	29	8.2	7.63	639	1.7	0.45	92000	160000	14000	330	36.8	200	59	16	0.44	236	40	33	39.04	420	334	48	0.48	0.62
31-05-2022	RIVER SONE AT OBRA, AURANGABAD	24.885016	84.213799	RIVER	SONE	AURANGABAD	BIHAR	33	6.4	7.32	448	3	0.3	1300	2300	NA	NA	14.2	212	38	28	1.44	202	37.6	26.2	24.61	278	208	16	0.23	0.86
26-05-2022	RIVER HARHA AT BAGHA, LAURIYA ROAD BRIDGE	27.096767	84.121881	RIVER	HARHA	WEST CHAMPARAN	BIHAR	30	7.9	7.35	210	1.4	0.3	24000	54000	NA	NA	32.2	124	8	12	0.4	128	24.8	16	34.34	140	126	36	0.2	0.63
05-05-2022	RIVER GANGA AT KAHALGAON	25.267334	87.227318	RIVER	GANGA	BHAGALPUR	BIHAR	21	8.4	7.91	379	1.2	0.33	3300	4900	1100	240	43.9	164	25	12	0.4	160	32.8	18.9	38.81	250	218	52	0.2	0.59
05-05-2022	RIVER GANGA AT CHAMPANAGAR, BHAGALPUR	25.242256	86.925987	RIVER	GANGA	BHAGALPUR	BIHAR	29	8.2	8.01	317	1.9	0.36	1300	2400	490	350	41.9	120	19	20	0.4	120	25.6	13.6	37.13	222	188	46	0.2	0.28
12-05-2022	RIVER KOSHI AT KURSHELA AT KATIHAR	25.42082	87.236262	RIVER	KOSHI (BIHAR)	KATIHAR	BIHAR	27	8.2	7.38	174	1.2	0.3	170	1700	NA	NA	15.6	136	9	12	0.4	128	26.4	15.1	15.66	116	98	22	0.2	0.43
13-05-2022	KAWAR LAKE, BEGUSARAI	25.623756	86.142711	LAKE	KAWAR	BEGUSARAI	BIHAR	28	8.9	7.12	279	1.6	0.35	1400	2600	NA	NA	44.5	148	7	16	0.4	146	32	16	5	176	450	460	0.2	0.9

Depos

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26-05-2022	26-05-2022	12-05-2022	30-05-2022	05-05-2022	30-05-2022	11-05-2022	05-05-2022	25-05-2022	17-05-2022	05-05-2022
RIVER KAMALA AT DARBHANGA	SIKANDRAPUR, MUZAFFARPUR	RIVER KOSHI AT BEERPUR, SUPAUL	SURAJ KUND AT GAYA	RIVER GANGA D/S NEAR CREMATION GHAT	TIGHI TALAB AT GAYA	RIVER KOSHI AT MADHEPURA	RIVER GANGA AT KAHALGAON	MOTI JHEEL AT MOTIHARI	RIVER GANGA AT MUNGER	RIVER GANGA AT WATER INTAKE POINT, BHAGALPUR
26.135844	26.132233	25.386081	24.779015	25.31074	24.789701	25.930352	25.267334	26.646875	25.384978	25.257757
86.333137	85.373389	87.092419	85.008927	83.014205	85.004648	86.801274	87.227318	84.922831	86.458978	86.978188
RIVER	LAKE	RIVER	POND	RIVER	POND	RIVER	RIVER	LAKE	RIVER	RIVER
KAMALA(BIHAR) GANGA	SIKANDRAPUR MANN	KOSHI (BIHAR)	SURAJ KUND	GANGA	TIGHI TALAB	KOSHI (BIHAR)	GANGA	MOTI JHEEL	GANGA	GANGA
DARBHANGA	MUZAFFARPUR	SUPAUL	GAYA	PATNA	GAYA	MADHEPURA	BHAGALPUR	EAST CHAMPARAN	MUNGER	BHAGALPUR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
32	31	29	31	28	31	31	27	29	34	23
5	13.6	8.3	13	8.1	8.6	7.9	8.3	6	9	7.8
7.91	8.07	7.59	7.78	7.51	7.93	7	7.83	7.69	7.44	7.68
388	962	208	657	382	699	174	381	781	306	729
3	5	1	4	2.1	2	1.5	1.5	3.5	1.9	1.8
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.39
17000	7000	1100	2700	12000	24000	1700	3400	92000	130000	28000
22000	12000	3500	7900	17000	54000	7900	13000	160000	350000	92000
NA	NA	NA	NA	1700	NA	NA	1700	NA	27000	17000
NA	NA	NA	NA	4	NA	NA	6.8	NA	140	790
36.2	47.7	15.1	36.7	30.4	38.1	21.9	33.6	81.8	60.4	46.8
134	172	102	190	162	170	108	168	230	150	236
32	102	7	100	27	181	8	22	120	21	105
32	44	8	40	20	12	16	16	32	12	20
0.4	3.06	0.4	0.4	0.52	0.4	0.4	0.4	1.9	0.4	0.57
130	168	100	182	164	166	108	168	222	146	222
27.2	33.6	24	29.6	33.6	36.8	24	32	36	28	58.5
15.1	20.4	9.7	26.2	19.4	18	11.7	21.4	32.1	18.5	18.5
5	48.1	18.12	82.1	38.7	39.59	13.09	37.13	46.75	28.07	45.75
252	596	138	408	240	446	112	254	498	204	452
206	466	112	316	194	354	98	212	414	192	368
40	50	20	40	36	42	26	44	84	66	58
0.2	1.02	0.2	0.2	0.2	0.2	0.2	0.2	0.24	0.2	0.24
0.78	0.2	0.4	0.2	0.25	0.33	0.57	0.55	0.35	0.2	0.87

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02-05-2022	27-05-2022	02-05-2022	02-05-2022	26-05-2022	02-05-2022	26-05-2022	31-05-2022	27-05-2022	27-05-2022	26-05-2022
RIVER GANGA AT D/S BUXAR NEAR ROAD BRIDGE	RIVER SIKRAHNA AT LAL PARSE, BITTIAH, EAST CHAMPARAN	RIVER GANGA AT U/S JAIL GHAT, BUXAR	RIVER GANGA AT BUXAR, RAMREKHAGHAT	RIVER SIKRAHNA AT CHAMPATIYA, EAST CHAMPARAN	RIVER GANGA AT BUXAR	RIVER BAGMATI AT DARBHANGA, SAMASTIPUR ROAD BRIDGE, DARBHANGA	RIVER BAGMATI AT MUZAFFARPUR-SITAMARHI ROAD BRIDGE, SITAMARHI	RIVER KAMALA AT JAYNAGAR	RIVER KAMALA AT BENIPATTI (MADHUBANI)	RIVER KAMALA (BIHAR) GANGA AT JEEMACH GHAT, DARBHANGA
25.588972	26.560646	25.484321	25.576142	26.960335	25.573508	26.038984	26.341991	26.596857	26.269758	26.195014
83.985861	85.052409	85.668239	83.970428	84.534192	83.966669	85.891341	85.481683	86.144676	86.268875	85.998259
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	SIKRAHNA	GANGA	GANGA	SIKRAHNA	GANGA	BAGMATI	BAGMATI	KAMALA(BIHAR) GANGA	KAMALA(BIHAR) GANGA	KAMALA(BIHAR) GANGA
BUXAR	WEST CHAMPARAN	SARAN	BUXAR	CHAMPARAN	BUXAR	DARBHANGA	SITAMARHI	JAHANABAD	MADHUBANI	DARBHANGA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
28	30	28	28	29	29	32	31	28	30	32
8.3	7.8	8.9	8.5	1.2	11.5	6.6	5.8	7.6	7.7	5.3
8.27	7.2	8	7.76	7.68	8.12	7.41	7.62	7.55	7.45	7.69
429	235	416	444	306	411	324	248	308	338	348
1	2	1	1	3	1	2.5	2.8	1.7	2.5	3
0.3	0.3	0.33	0.3	0.3	0.3	0.73	0.3	0.3	0.3	0.48
92000	130	14000	160000	2700	35000	2300	35000	17000	3300	28000
160000	330	22000	160000	11000	43000	3300	160000	28000	4900	35000
24000	NA	3900	54000	NA	28000	NA	NA	NA	NA	NA
110	NA	220	3500	NA	22	NA	NA	NA	NA	NA
123	16.7	213.2	21.1	45.2	33.4	148.2	250	155.8	19.6	30.4
180	130	164	212	160	192	118	102	130	140	162
49	9	48	54	15	49	13	16	5	12	67
8	16	5	8	28	5	24	24	20	24	28
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
186	126	170	194	154	184	116	100	128	180	160
35.2	32	32.8	33.6	42.4	35.2	21.6	25.6	25.6	36	31.2
23.8	11.2	21.4	26.7	11.7	23.3	15.1	8.7	15.5	21.9	19.9
39.04	52.68	41.61	31.99	24.72	44.74	17.11	33.89	10.18	12.3	21.03
278	156	272	294	192	270	212	164	204	226	230
294	126	358	228	172	222	262	298	258	182	190
134	20	224	30	48	38	152	254	158	26	34
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.27	0.2	0.2	0.2
0.65	0.83	0.7	0.71	0.61	0.52	0.65		0.57	0.84	0.86

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04-05-2022	03-05-2022	04-05-2022	26-05-2022	03-05-2022	24-05-2022	04-05-2022	03-05-2022	26-05-2022	03-05-2022	17-05-2022
RIVER SONE AT BAHVARA, BHOJPUR	RIVER GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	RIVER SONE AT KOELWAR, BHOJPUR	RIVER SIKRAHNA LAURIA- NARKATTAGANJ ROAD BRIDGE, WEST CHAMPARAN	RIVER GANGA AT GULABI GHAT, PATNA	RIVER GHAGHARA NEAR CHAPRA, RIBIGANJ, SARAN	RIVER GANGI AT ARA, D/S	RIVER GANGA AT GANDHIGHAT, NIT AT PATNA	RIVER SIKRAHNA AT LAUREA, HARINAGAR ROAD BRIDGE	RIVER GANGA NEAR DANAPUR (NEAR PIPA PUL), PATNA	RIVER GANGA AT KACHCHI- DARGAH-BIDUPUR ROAD BRIDGE, PATNA
25.297742	25.613753	25.5753	27.105633	25.620356	25.771153	25.724543	25.622179	26.148036	25.588972	25.548238
84.678992	85.204131	84.798144	84.454622	85.179995	84.654639	84.825249	85.172816	85.373764	83.985861	85.279377
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
SONE	GANGA	SONE	SIKRAHNA	GANGA	GHAGHARA	GANGI	GANGA	SIKRAHNA	GANGA	GANGA
BHOJPUR	PATNA	BHOJPUR	WEST CHAMPARA N	PATNA	SARAN	BHOJPUR	PATNA	DARBHANGA	PATNA	PATNA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
28	31	28	30	32	29	28	32	29	32	28
8.2	7.9	8.5	0.8	7.6	8.1	4.6	7.8	7.5	8.3	8.9
7.88	8.05	7.93	6.82	7.76	8.46	7.56	7.5	7.42	7.73	7.78
172	340	175	346	354	230	639	320	246	333	301
1	2	1.3	4	2	1.5	2.9	1.8	1.9	1.2	1.6
0.3	0.3	0.3	0.3	0.31	0.3	0.36	0.3	0.3	0.39	0.3
7900	54000	4000	7000	35000	11000	28000	92000	1700	92000	28000
13000	54000	11000	14000	160000	22000	35000	160000	3300	160000	35000
NA	17000	NA	NA	28000	NA	NA	54000	NA	35000	4000
NA	1300	NA	NA	790	NA	NA	5400	NA	2200	130
55.5	114.2	50.8	39.8	77.2	187.6	22.4	64.8	37.1	46.3	28.2
98	174	104	240	180	158	278	204	156	168	160
13	30	15	14	38	7	49	33	9	32	24
8	16	8	32	12	12	28	12	16	8	12
0.4	0.4	0.4	0.4	0.4	0.4	5.64	0.4	0.4	0.4	0.4
86	156	94	200	168	164	260	182	150	164	154
17.6	28	18.4	51.3	30.4	32.8	41.6	34.4	30.4	26.4	28
10.2	20.9	11.7	17.5	22.3	19.9	37.9	23.3	18	23.8	20.4
18.57	40.83	20.02	55.7	48.1	38.14	26.96	39.37	13.31	41.27	36.35
116	218	122	218	232	144	408	214	164	220	198
128	244	134	184	228	242	312	208	148	198	166
66	120	62	42	86	192	36	72	40	56	34
0.2	0.2	0.2	0.2	0.2	0.2	0.21	0.2	0.2	0.2	0.2
0.63	0.64	0.66	0.52	0.62	0.26	0.68	0.7	0.4	0.61	0.71

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19-05-2022	20-05-2022	03-05-2022	04-05-2022	17-05-2022	03-05-2022	04-05-2022	03-05-2022	24-05-2022	04-05-2022	03-05-2022
RIVER GANGA AT TRIVENI GHAT, PATNA	RIVER GANGA AT BUXAR	RIVER GANGA AT KEWALA GHAT, FATUHA, PATNA	RIVER GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANI, CHAPRA	RIVER GANGA AT KURJI, PATNA U/S	RIVER GANGA AT TRIVENI GHAT, PATNA	RIVER GANGA AT ARA- CHAPRA ROAD BRIDGE (KOILWER BANURA-CHAPRA ROAD)	RIVER GANGA AT KURJI, PATNA U/S	RIVER DAHA AT SIWAN	RIVER GANGA AT MAA AMBIKA ASTHAN, AAMI, SARAN	RIVER GANGA AT MALSALAMI, PATNA
25.515132	25.573508	25.511611	25.708441	25.650869	25.515132	25.68032	25.650869	26.222639	25.740235	25.557806
85.301372	83.966669	85.307417	84.889727	85.115085	85.301372	84.785773	85.115085	84.354122	84.963161	85.275648
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	DAHA	GANGA	GANGA
VAISHALI	BUXAR	PATNA	SARAN	PATNA	VAISHALI	BHOJPUR/SARAN	PATNA	SIWAN	SARAN	PATNA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
34	28	28	27	35	29	28	32	26	27	31
9.1	9	6.9	7.8	9	7.3	8.3	8.2	2.2	8.2	7.9
7.98	8.24	8.13	7.93	8.13	7.8	7.97	7.95	7.23	7.71	7.88
301	448	392	350	334	353	425	372	513	379	340
1.3	1.8	2.2	1.9	1.5	1.6	1	1.6	4	1.2	1.9
0.3	0.31	0.35	0.3	0.3	0.32	0.3	0.31	0.3	0.3	0.32
17000	54000	24000	17000	1700	24000	1300	3300	92000	160000	54000
28000	160000	35000	22000	2800	35000	1700	4900	160000	160000	92000
7000	35000	13000	7900	340	13000	270	1700	NA	54000	35000
22	220	1300	4	6.8	3500	1.8	17	NA	3500	2200
25.6	28.2	11.6	16.5	28.3	50.7	20.1	50.4	13.2	16	47.8
150	170	204	190	160	136	200	172	198	138	162
20	58	48	18	30	33	47	34	29	14	33
12	8	20	16	8	12	8	12	32	8	16
0.4	0.4	0.44	0.4	0.4	0.4	0.4	0.4	0.82	0.4	0.4
148	176	200	180	166	140	190	166	200	136	158
27.2	34.4	38.4	30.4	32.8	24	42.4	27.2	37.6	27.2	29.6
19.4	21.9	25.3	25.3	20.4	19.4	20.4	23.8	25.7	16.5	20.4
26.4	38.25	34.34	30.09	48.99	37.58	25.84	47.98	31.43	16.44	37.36
202	296	258	230	224	232	284	250	324	250	224
162	230	202	186	184	208	226	226	242	196	198
28	32	20	26	32	58	32	62	18	24	54
0.2	0.2	0.25	0.2	0.2	0.2	0.2	0.2	0.35	0.2	0.2
0.2	0.2	0.72	0.69	0.79	0.72	0.73	0.7	0.82	0.65	0.71

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17-05-2022	17-05-2022	23-05-2022	17-05-2022	23-05-2022	04-05-2022	20-05-2022	24-05-2022	20-05-2022	20-05-2022	03-05-2022
RIVER GANGA AT GULABI GHAT, PATNA	RIVER GANGA AT GANDHIGHAT, NIT AT PATNA	RIVER DAHA AT MEERGANI	RIVER GANGA NEAR DANAPUR (NEAR PIPA PUL), PATNA	RIVER DAHA AT ITWA BRIDGE, GOPALGANI	RIVER GANGA AT BAKHTIYARPUR-TAIPUR BRIDGE ON GANGA, ATIHMALGOLA, PATNA	RIVER GANGA AT D/S BUXAR NEAR ROAD BRIDGE	RIVER DAHA D/S RAJENDRA ROAD BRIDGE SIWAN	RIVER GANGA AT U/S JAIL GHAT, BUXAR	RIVER GANGA AT BUXAR, RAMREKHAGHAT	RIVER GANGA AT KACHHI- DARGAH-BIDUPUR ROAD BRIDGE, PATNA
25.620356	25.622179	26.364956	25.588972	26.223497	25.655635	25.588972	26.222569	25.484321	25.576142	25.548238
85.179995	85.172816	84.360872	83.985861	84.347097	85.096308	83.985861	84.354022	85.668239	83.970428	85.279377
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	DAHA	GANGA	DAHA	GANGA	GANGA	DAHA	GANGA	GANGA	GANGA
PATNA	PATNA	MEERGANI	PATNA	SIWAN	BUXAR	BUXAR	SIWAN	SARAN	BUXAR	PATNA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
27	27	29	26	28	27	27	26	28	28	30
6.5	7	4.6	9.2	5.4	8	7	0.3	9.2	7.2	7.9
8.1	7.92	7.57	8.34	7.48	7.45	8.02	7.12	8.13	8.33	7.89
332	342	414	325	397	385	460	768	435	440	218
2.2	2	3	1.6	2.8	1	2.1	4	1.2	2	1.8
0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
92000	240000	17000	1700	17000	1700	35000	240000	790	160000	13000
160000	350000	22000	2100	35000	2100	92000	540000	2200	160000	24000
54000	79000	NA	170	NA	680	13000	NA	220	54000	4900
2800	3500	NA	9.3	NA	4	170	NA	33	3500	330
24.6	23.1	22.1	23.8	26.8	42.4	37.7	16.7	43.8	35	27.3
160	178	172	156	162	176	180	146	180	164	194
34	28	15	31	15	25	60	66	51	54	31
20	16	28	8	24	8	20	36	12	20	12
0.4	0.4	0.4	0.4	0.4	0.4	0.4	5.21	0.4	0.4	0.4
152	180	172	158	162	162	180	140	180	170	186
30.4	33.6	34.4	32	31.2	32	36	28	33.6	33.6	33.6
18.5	23.3	20.9	18.9	20.4	19.9	21.9	17	23.3	20.9	24.8
48.77	40.27	27.29	41.27	26.06	38.92	38.03	42.17	40.83	41.72	34.11
222	232	270	218	254	260	304	490	292	286	140
178	188	214	174	204	218	246	364	242	234	128
30	26	26	28	30	46	40	20	48	38	36
0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.38	0.2	0.2	0.2
0.41	0.58	0.75	0.2	0.93	0.53	0.45	0.88	0.28	0.38	0.77

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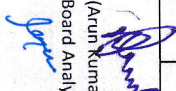
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19-05-2022	RIVER GANGA AT KEWALA GHAT, FATUHA, PATNA	25.511611	85.307417	RIVER	GANGA	PATNA	BIHAR	34	8.7	7.83	337	1.8	0.34	35000	43000	28000	240	46.6	160	27	16	0.4	158	36	16.5	33	216	194	52	0.2	0.2
18-05-2022	RIVER GANGA AT U/S SULTANGAN, BHAGALPUR	25.252575	86.725558	RIVER	GANGA	BHAGALPUR	BIHAR	23	8.1	7.77	322	2.1	0.34	24000	92000	13000	140	20	144	21	16	0.4	140	28	17	30.98	218	174	26	0.2	0.2
18-05-2022	RIVER GANGA AT SULTANGAN, BHAGALPUR	25.257511	86.747053	RIVER	GANGA	BHAGALPUR	BIHAR	23	8	7.42	308	2	0.3	35000	54000	17000	140	39.5	150	19	16	0.4	152	29.6	18.9	29.3	200	176	42	0.2	0.2
18-05-2022	RIVER GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	25.271603	87.025665	RIVER	GANGA	BHAGALPUR	BIHAR	33	10.5	8.33	554	3	0.3	92000	160000	14000	1300	180.5	212	52	32	0.4	204	36	27.7	49.66	344	372	186	0.2	0.52
18-05-2022	RIVER GANGA AT BHAGALPUR	25.254387	86.948424	RIVER	GANGA	BHAGALPUR	BIHAR	33	9.3	8.06	296	1.2	0.3	28000	35000	11000	6.8	28.9	146	22	8	0.4	142	26.4	18.5	30.31	194	162	32	0.2	0.2
18-05-2022	RIVER GANGA AT CHAMPANAGAR, BHAGALPUR	25.242256	86.925987	RIVER	GANGA	BHAGALPUR	BIHAR	29	8.2	8.01	317	1.9	0.36	1300	2400	490	350	41.9	120	19	20	0.4	120	25.6	13.6	37.13	222	188	46	0.2	0.28
31-05-2022	RIVER SONE AT NASRIGANJ DAM, ROHTAS	25.045209	84.332819	RIVER	SONE	ROHTAS	BIHAR	33	7.5	7.59	165	1.2	0.3	4600	7000	NA	NA	16.1	94	16	12	0.4	90	28	4.9	23.26	112	94	18	0.2	0.23
31-05-2022	RIVER SONE AT INDRAPURI, DEHRI ON SONE, ROHTAS	24.902403	84.2074	RIVER	SONE	ROHTAS	BIHAR	27	8.3	7.97	156	1.8	0.3	1300	1700	NA	NA	19.2	80	13	12	0.4	84	28	4	21.7	106	92	22	0.2	0.52
18-05-2022	RIVER GANGA AT WATER INTAKE POINT, BHAGALPUR	25.257757	86.978188	RIVER	GANGA	BHAGALPUR	BIHAR	33	12.5	7.8	866	3	0.45	54000	92000	35000	6.8	354.5	264	106	32	1.17	240	40.8	33.5	57.04	544	642	372	0.21	0.34
17-05-2022	RIVER GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	25.613753	85.204131	RIVER	GANGA	PATNA	BIHAR	27	7.2	8.03	307	2.1	0.3	35000	43000	17000	330	38.4	150	22	16	0.4	150	29.6	18.5	41.38	206	182	44	0.2	0.46
17-05-2022	RIVER GANGA AT MOKAMA (U/S), MAHADEO ASTHAN, PATNA	25.401104	85.923198	RIVER	GANGA	PATNA	BIHAR	35	8.5	7.73	333	1.8	0.3	28000	35000	4000	170	55.5	160	23	20	0.4	154	27.2	20.9	32.21	220	204	60	0.2	0.2

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17-05-2022	RIVER GANGA AT MALSALAMI, PATNA	25.557806	85.275648	RIVER	GANGA	PATNA	BIHAR	28	8.8	7.87	315	1.8	0.3	28000	35000	13000	270	25.6	134	23	16	0.4	138	27.2	17	38.03	212	168	28	0.2	0.57
17-05-2022	RIVER GANGA AT BAKHTIYARPUR-TAIPUR BRIDGE ON GANGA, ATIMALGOLA, PATNA	25.655635	85.096308	RIVER	GANGA	BUXAR	BIHAR	34	8	8.33	312	2	0.3	340	1300	170	4	48.8	162	18	20	0.4	158	32.8	18.5	31.77	206	184	52	0.2	0.2
18-05-2022	RIVER GANGA D/S NEAR CREMATION GHAT	25.31074	83.014205	RIVER	GANGA	PATNA	BIHAR	33	9.5	8.06	299	1.7	0.3	11000	17000	1700	68	30.4	144	19	12	0.4	140	28	17	32.55	190	160	34	0.2	0.2


 (Arun Kumar)
 Board Analyst
 03/08/2022

Primary Water Quality Criteria for Various Uses

Quality Class (Use Class) Designated best use	Parameter			
	pH	Dissolved Oxygen (D.O.) mg/L Min.	Bio-Chemical Oxygen Demand (B.O.D.) mg/L Max.	Total Coliform MPN/100ml Max.
A Drinking water source without treatment but after disinfections	6.5-8.5	6	2	50
B Outdoor bathing organized	6.5-8.5	5	3	500
C Drinking water source with (treatment followed by disinfections)	6.0-9.0	4	3	5000
D Propagation of Wild life, Fisheries	6.5-8.5	4	-	-
E Irrigation, Industrial Cooling, Controlled Waste Disposal	6.5-8.5	-	-	-

Primary Water Quality Criteria for bathing

pH	6.5 to 8.5
Dissolved Oxygen (DO) mg/L	5 or more
Biochemical Oxygen Demand (BOD) mg/L	3 or less
Fecal Coliform (FC) MPN/100ml	500 (desirable) 2500 (Maximum Permissible)

gpc

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