



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 June, 2022

Frequency: Monthly

13-06-2022	01-06-2022	28-06-2022	28-06-2022	15-06-2022	Sampling Date
RIVER MANUSMAR U/S (RIGA), SITAMARHI	RIVER GANGA AT MOKAMA (D/S)	RIVER RAMREKHA AT HARINAGAR, WEST CHAMPARAN	RIVER RAMREKHA AT U/S HARINAGAR, WEST CHAMPARAN	RIVER GANGA AT MOKAMA (U/S), MAHADEO ASTHAN, PATNA	Name Of Monitoring Location
26.658543	25.381441	27.170083	27.17026	25.401104	Latitude
85.400266	85.987169	84.322471	84.322348	85.923198	Longitude
RIVER	RIVER	RIVER	RIVER	RIVER	Type Water Body
MANUSMAR	GANGA	RAMREKHA	RAMREKHA	GANGA	Name Of WaterBody
SITAMARHI	PATNA	WEST CHAMPARAN	WEST CHAMPARAN	PATNA	District
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	State Name
32	27	25	25	28	Temperature
7.2	8.5	2.1	2.2	6.8	Dissolved O2 (mg/L)
7.6	7.4	7.5	7.3	8	pH
278	230	330	339	210	Conductivity (µmho/cm)
2	1.7	5	4	2.1	BOD (mg/L)
0.3	0.3	0.3	0.3	0.3	NitrateN (mg/L)
7900	940	7900	28000	4900	Fecal Coliform (MPN/100ml)
11000	1200	24000	160000	13000	Total Coliform (MPN/100ml)
NA	20	NA	NA	2	Fecal Streptococci (MPN/100ml)
NA	170	NA	NA	1700	E.Coli (MPN/100ml)
8.9	52.5	27.9	22.4	95.9	Turbidity (mg/L)
176	144	170	158	130	Total Alkalinity (mg/L)
13	18	28	33	14	Chlorides (mg/L)
16	16	36	32	20	COD (mg/L)
0.4	0.4	4	3.5	0.4	Ammonical-N (mg/L)
180	140	168	152	126	Total Hardness (mg/L)
47	32	43	42	23	Ca as CaCo3 (mg/L)
11	15	15	12	5.6	Mg as CaCo3 (mg/L)
12.4	36.1	30	24.3	34.2	Sulphate (mg/L)
184	152	208	220	138	Total Dissolved Solids (mg/L)
138	150	168	174	168	Total Fixed Solids (mg/L)
12	56	30	24	98	Total Suspended Solids (mg/L)
0.2	0.2	0.2	0.2	0.2	Phosphate (mg/L)
0.3	0.2	0.4	0.2	0.2	Fluoride (mg/L)

15-06-2022	01-06-2022	13-06-2022	13-06-2022	15-06-2022	22-06-2022	01-06-2022	13-06-2022	13-06-2022	17-06-2022
RIVER GANGA AT D/S NAWADAGHAT , BARH, PATNA	RIVER GANGA AT D/S NAWADAGHAT , BARH, PATNA	RIVER LAKHANDEI SITAMARHI D/S	RIVER LAKHANDEI SITAMARHI U/S	RIVER GANGA AT BARH	RIVER GANGA NEAR DANAPUR (NEAR PIPA PUL), PATNA	RIVER GANGA AT BARH	RIVER MANUSMAR AT PARSHURAMPUR, RIGA - BELSUND ROAD, SITAMARHI	RIVER MANUSMAR AT RIGA, SITAMARHI	RIVER GANGA AT MOKAMA (D/S)
24.890805	24.890805	26.73899	26.588526	25.487275	25.588972	25.487275	25.527166	26.576389	25.381441
85.56	85.56	85.541954	85.499289	85.705236	83.985861	85.705236	85.396373	85.317222	85.987169
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	LAKHANDEI	LAKHANDEI	GANGA	GANGA	GANGA	MANUSMAR	MANUSMAR	GANGA
Patna	Patna	SITAMARHI	SITAMARHI	PATNA	PATNA	PATNA	SITAMARHI	SITAMARHI	PATNA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
28	27	33	33	29	NA	26	31	32	28
8.1	9.1	2.6	3.2	6.4		8	6.6	7.1	6.4
8	7.3	7.4	7.1	7.9		7.3	7.2	7.4	7.8
189	245	342	302	217		268	310	294	225
1.8	1	4	2.9	2.5	NA	1.4	2.1	1.9	2.7
0.3	0.3	0.3	0.3	0.3	NA	0.3	0.3	0.3	0.3
330	35000	92000	28000	13000	NA	790	1700	17000	24000
490	92000	160000	92000	24000	NA	1400	6300	22000	35000
2	20	NA	NA	4	NA	78	NA	NA	49
17	1300	NA	NA	7900	NA	170	NA	NA	13000
24.1	29.5	6.4	14.9	112	NA	49.8	5.8	13.7	139
110	150	232	154	130	NA	152	206	108	120
17	18	24	16	18	NA	23	13	10	17
12	8	36	28	24	NA	12	20	16	20
0.4	0.4	3.4	0.4	0.4	NA	0.4	0.4	0.4	0.4
114	144	220	150	128	NA	146	192	104	122
25	31	40	39	24	NA	28	56	26	26
6	16	9.7	9.5	5.8	NA	19	14	6.2	6.4
32.7	35.3	25.8	18.1	35.3	NA	36	15.9	14	42.8
126	162	222	202	144	NA	176	204	194	150
110	142	166	160	184	NA	160	154	152	208
26	34	10	18	114	NA	52	10	16	140
0.2	0.2	0.3	0.2	0.2	NA	0.2	0.2	0.2	0.2
0.2	0.2	0.4	0.3	0.2	NA	0.2	0.4	0.2	0.3

22-06-2022	03-06-2022	28-06-2022	15-06-2022	28-06-2022	01-06-2022	29-06-2022	15-06-2022	29-06-2022	01-06-2022
RIVER DHOUS AT MADHUVAPUR, MADHUBANI	RIVER GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	RIVER SIRSIYA D/S RAXAUL (KOERIA TOLA), EAST CHAMPARAN	RIVER GANGA AT BARAHUYA, NEPALITOLA, MARANCHI, JAKSHISARAI	RIVER SIRSIYA AT RAXAUL, EAST CHAMPARAN	RIVER GANGA AT BARAHUYA, NEPALITOLA, MARANCHI, JAKSHISARAI	RIVER KOHRA (GANGA) D/S RAJ GHAT, MANJHAULA, WEST CHAMPARAN	RIVER GANGA AT U/S BARAHPUR BINDTOLI	RIVER KOHRA (GANGA) U/S RAJ GHAT, MANJHAULA, WEST CHAMPARAN	RIVER GANGA AT U/S BARAHPUR BINDTOLI
26.410836	25.368174	26.988061	25.315313	26.98375	25.315313	26.784669	25.586863	26.78378	25.586863
86.237178	86.464302	84.855244	86.029821	84.857739	86.029821	84.655511	84.693046	84.65578	84.693046
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
DHOUS	GANGA	SIRSIYA (GANGA) BIHAR	GANGA	SIRSIYA (GANGA) BIHAR	GANGA	KOHRA (GANGA)	GANGA	KOHRA (GANGA)	GANGA
MADHUBANI	MUNGER	EAST CHAMPARAN	MUZAFFARP UR	EAST CHAMPARAN	MUZAFFARP UR	WEST CHAMPARAN	Patna	WEST CHAMPARAN	Patna
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
28	25	25	28	24	27	24	29	24	28
7.8	8.5	0.3	6.9	0.3	9.2	6.6	6.7	6.7	7.8
7.2	8.2	7.6	8	7.8	8	7.5	8.2	7.5	7.2
274	266	360	223	350	259	188	242	173	274
2	1.6	4	2.3	4	1.8	2.9	2.6	2.5	2
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
13000	3300	92000	13000	28000	24000	22000	330	790	13000
24000	4900	160000	24000	160000	54000	54000	790	1300	24000
20	27	NA	6.8	NA	78	NA	2	NA	20
1700	1300	NA	2700	NA	1700	NA	68	NA	1700
45	78.2	53.2	37.7	74.2	33.3	95.7	28.2	103	45
140	146	140	130	130	118	124	138	120	140
25	17	38	17	33	18	8	23	6	25
16	12	36	20	40	12	28	24	24	16
0.4	0.4	5.6	0.4	3.7	0.4	0.4	0.4	0.4	0.4
142	144	144	128	124	120	120	134	118	142
27	36	41	25	38	23	30	29	30	27
18	13	10	6	7.3	15	11	7	11	18
40	37.6	33.3	36.2	32.1	35.2	30.7	36.6	31.2	40
184	176	224	150	218	168	118	160	114	184
168	181	198	138	214	146	154	138	158	168
48	82	56	40	76	36	98	32	108	48
0.2	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2
0.2	0.2	0.4	0.4	0.2	0.2	0.2	0.3	0.2	0.2

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20-06-2022	17-06-2022	02-06-2022	17-06-2022	02-06-2022	17-06-2022	21-06-2022	03-06-2022	22-06-2022	17-06-2022
RIVER GANGA AT BUXAR	RIVER GANGA AT SULTANGANJ, BHAGALPUR	RIVER GANGA AT SULTANGANJ, BHAGALPUR	RIVER GANGA AT U/S SULTANGANJ, BHAGALPUR	RIVER GANGA AT U/S SULTANGANJ, BHAGALPUR	RIVER GANGA AT MUNGER	RIVER MAHANANDA AT THAKURGANJ, KISHANGANJ ROAD BRIDGE, KISHANGANJ	RIVER GANGA AT MUNGER	RIVER DHONS AT MADHWAPUR, MADHUBANI	RIVER GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)
25.573508	25.257511	25.257511	25.252575	25.252575	25.384978	26.392347	25.384978	26.411533	25.368174
83.966669	86.747053	86.747053	86.725558	86.725558	86.458978	88.155896	86.458978	86.237133	86.464302
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	MAHANANDA A	GANGA	DHONS	GANGA
BUXAR	BHAGALPUR	BHAGALPUR	BHAGALPUR	BHAGALPUR	MUNGER	KISHANGANJ	MUNGER	MADHUBANI	MUNGER
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
NA	27	27	28	28	27	NA	25	NA	28
	6.3	7.6	6.9	8.9	6.5		8.3		6.8
	7.6	8	7.8	8.2	7.9		8.2		7.9
	191	234	219	264	231		260		234
NA	2.8	2.3	2	1.4	2.4	NA	1.8	NA	2.2
NA	0.3	0.4	0.3	0.4	0.3	NA	0.3	NA	0.3
NA	24000	92000	3300	35000	24000	NA	13000	NA	35000
NA	35000	160000	4900	54000	92000	NA	24000	NA	92000
NA	790	330	9.3	45	410	NA	330	NA	490
NA	13000	28000	1700	13000	13000	NA	2700	NA	24000
NA	189	53.5	44.6	34.3	88.7	NA	42	NA	59.8
NA	118	150	128	142	126	NA	148	NA	122
NA	17	18	15	20	17	NA	22	NA	18
NA	24	20	20	12	24	NA	16	NA	20
NA	0.4	0.4	0.4	0.4	0.4	NA	0.4	NA	0.4
NA	120	148	124	144	124	NA	150	NA	120
NA	22	28	28	27	26	NA	27	NA	30
NA	5.3	19	6.8	19	6.2	NA	20	NA	7.4
NA	43.8	35.3	32	37.4	32.5	NA	34.3	NA	37.4
NA	126	154	144	174	152	NA	172	NA	154
NA	242	148	140	154	178	NA	158	NA	154
NA	210	56	48	38	92	NA	46	NA	62
NA	0.2	0.2	0.2	0.2	0.2	NA	0.2	NA	0.2
NA	0.4	0.4	0.5	0.2	0.2	NA	0.2	NA	0.5

22-06-2022	22-06-2022	22-06-2022	22-06-2022	22-06-2022	22-06-2022	20-06-2022	02-06-2022	20-06-2022	20-06-2022
RIVER GANGA AT KURJI, PATNA U/S	RIVER GANGA AT MALSAAMI, PATNA	RIVER GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	RIVER GANGA AT GULABI GHAT, PATNA	RIVER GANGA AT GANDHIGHAT, NIT AT PATNA	RIVER GANGA NEAR DANAPUR (NEAR PIPA PUL), PATNA	RIVER GANGA AT D/S BUXAR NEAR ROAD BRIDGE	RIVER GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	RIVER GANGA AT U/S JAIL GHAT, BUXAR	RIVER GANGA AT BUXAR, RAMREKHAGHAT
25.650869	25.557806	25.613753	25.620356	25.622179	25.588972	25.588972	25.271603	25.484321	25.576142
85.115085	85.275648	85.204131	85.179995	85.172816	83.985861	83.985861	87.025665	85.668239	83.970428
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA	GANGA
PATNA	PATNA	PATNA	PATNA	PATNA	PATNA	BUXAR	BHAGALPUR	SARAN	BUXAR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
NA	NA	NA	NA	NA	NA	NA	24	NA	NA
							7.5		
							7.2		
							482		
NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.4	NA	NA
NA	NA	NA	NA	NA	NA	NA	35000	NA	NA
NA	NA	NA	NA	NA	NA	NA	92000	NA	NA
NA	NA	NA	NA	NA	NA	NA	220	NA	NA
NA	NA	NA	NA	NA	NA	NA	24000	NA	NA
NA	NA	NA	NA	NA	NA	NA	123	NA	NA
NA	NA	NA	NA	NA	NA	NA	204	NA	NA
NA	NA	NA	NA	NA	NA	NA	63	NA	NA
NA	NA	NA	NA	NA	NA	NA	24	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.4	NA	NA
NA	NA	NA	NA	NA	NA	NA	198	NA	NA
NA	NA	NA	NA	NA	NA	NA	34	NA	NA
NA	NA	NA	NA	NA	NA	NA	27	NA	NA
NA	NA	NA	NA	NA	NA	NA	53.1	NA	NA
NA	NA	NA	NA	NA	NA	NA	312	NA	NA
NA	NA	NA	NA	NA	NA	NA	316	NA	NA
NA	NA	NA	NA	NA	NA	NA	130	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA
NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA

Jaipur

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16-06-2022	03-06-2022	15-06-2022	29-06-2022	01-06-2022	15-06-2022	29-06-2022	22-06-2022	22-06-2022	22-06-2022
RIVER GANGA AT CHAMPANAGAR, BHAGALPUR	RIVER GANGA AT CHAMPANAGAR, BHAGALPUR	RIVER GANGA AT BHAGALPUR	RIVER SONE NEAR BANZARI, ROHTAS	RIVER GANGA AT BHAGALPUR	RIVER GANGA AT U/S BHAGALPUR NEAR BARARIGHAT	RIVER SONE AT INDRAPURI, DEHRI ON SONE, ROHTAS	RIVER GANGA AT KACHCHI-DARGAH- BIDUPUR ROAD BRIDGE, PATNA	RIVER GANGA AT KEWALA GHAT, FATUHA, PATNA	RIVER GANGA AT TRIVENI GHAT, PATNA
25.242256	25.242256	25.254387	24.671905	25.254387	25.271603	24.902403	25.548238	25.511611	25.515132
86.925987	86.925987	86.948424	84.010068	86.948424	87.025665	84.2074	85.279377	85.307417	85.301372
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	GANGA	SONE	GANGA	GANGA	SONE	GANGA	GANGA	GANGA
BHAGALPUR	BHAGALPUR	BHAGALPUR	ROHTAS	BHAGALPUR	BHAGALPUR	ROHTAS	PATNA	PATNA	VAISHALI
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
NA	NA	27	24	25	26	25	NA	NA	NA
		6.8	7.1	9.1	7.5	8			
		7.7	7.6	7.6	8.2	7.2			
		219	179	264	338	167			
NA	NA	2.2	2.2	1.8	1.9	1.7	NA	NA	NA
NA	NA	0.3	0.3	0.3	0.3	0.3	NA	NA	NA
NA	NA	11000	54000	4000	92000	1400	NA	NA	NA
NA	NA	35000	92000	4800	160000	1700	NA	NA	NA
NA	NA	4	NA	20	79	NA	NA	NA	NA
NA	NA	7000	NA	2700	35000	NA	NA	NA	NA
NA	NA	138	52	48.6	114	59.4	NA	NA	NA
NA	NA	124	100	146	142	98	NA	NA	NA
NA	NA	14	10	18	48	12	NA	NA	NA
NA	NA	20	20	8	16	12	NA	NA	NA
NA	NA	0.4	0.4	0.4	0.4	0.4	NA	NA	NA
NA	NA	120	98	140	142	92	NA	NA	NA
NA	NA	29	25	27	24	17	NA	NA	NA
NA	NA	7	8.7	18	5.8	12	NA	NA	NA
NA	NA	37	18.1	34.8	43.6	14.4	NA	NA	NA
NA	NA	144	120	174	224	110	NA	NA	NA
NA	NA	206	122	164	240	124	NA	NA	NA
NA	NA	140	54	52	116	62	NA	NA	NA
NA	NA	0.2	0.2	0.2	0.2	0.2	NA	NA	NA
NA	NA	0.4	0.6	0.5	0.5	0.4	NA	NA	NA

07-06-2022	16-06-2022	07-06-2022	29-06-2022	02-06-2022	16-06-2022	02-06-2022	16-06-2022	30-06-2022	02-06-2022
RIVER GANGA AT MAA AMBIKA ASTHAN, AAMI, SARAN	RIVER GANGA D/S NEAR CREMATION GHAT	RIVER SONE AT KOELWAR, BHOJPUR	RIVER SONE AT WATER INTAKE POINT BHARTIYA RAIL BIJALI CO. LTD (BRBCL) NAVINAGAR, AURANGABAD	RIVER GANGA D/S NEAR CREMATION GHAT	RIVER GANGA AT KAHALGAON	RIVER GANGA AT KAHALGAON	RIVER GANGA AT WATER INTAKE POINT, BHAGALPUR	RIVER SONE AT ROAD BRIDGE-DEHRI- ON-SONE, ROHTAS	RIVER GANGA AT WATER INTAKE POINT, BHAGALPUR
25.740235	25.31074	25.5753	24.887181	25.31074	25.267334	25.267334	25.257757	24.902545	25.257757
84.963161	83.014205	84.798144	84.2106	83.014205	87.227318	87.227318	86.978188	84.195807	86.978188
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	GANGA	SONE	SONE	GANGA	GANGA	GANGA	GANGA	SONE	GANGA
SARAN	PATNA	BHOJPUR	AURANGABA D	PATNA	BHAGALPUR	BHAGALPUR	BHAGALPUR	ROHTAS	BHAGALPUR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
26	27	32	23	29	28	28	25	23	24
6.7	6.4	8.1	6.6	8	6.7	8.2	6.6	6.1	7.3
7.7	8	7.7	7.6	7.7	7.8	8.1	7.9	7.2	7.6
336	203	172	180	260	212	263	535	218	637
2.8	2.7	2	2.3	1.8	2.3	1.7	2.6	2.2	2.6
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
240000	7900	3300	92000	35000	11000	3300	35000	2400	2400
350000	11000	7900	160000	54000	17000	4600	54000	3500	3500
790	11	NA	NA	490	22	490	130	NA	4
22000	2700	NA	NA	4900	2700	1300	24000	NA	790
17.2	104	12.3	308	49.5	117	35.2	152	26.5	38.1
178	132	144	100	152	130	152	200	122	238
14	14	51	11	23	17	17	93	14	84
24	24	16	24	16	20	12	24	20	24
0.4	0.4	0.4	0.4	1.8	0.4	0.4	0.5	0.4	0.4
172	130	140	96	148	126	148	190	114	222
28	26	22	26	29	30	24	22	30	39
25	6.4	21	7.8	19	7.4	21	5.3	9.7	30
16.3	35.5	37.6	20.4	36.1	35.8	35.7	51	15.7	52.6
220	134	116	114	168	136	174	352	146	408
168	172	96	304	158	186	154	362	126	324
20	108	16	312	52	120	40	156	30	42
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.6	0.3	0.4	0.6	0.2	0.2	0.4	0.6	0.3	0.3

09-06-2022	07-06-2022	27-06-2022	20-06-2022	07-06-2022	20-06-2022	07-06-2022	27-06-2022	29-06-2022	20-06-2022
RIVER GHAGHARA NEAR CHAPRA, RIBILGANJ, SARAN	RIVER GANGI AT ARA, D/S	RIVER BURHI GANDAK AT BARACHAKIA, EAST CHAMPARAN	RIVER GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	RIVER GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	RIVER GANGA AT ARA- CHAPRA ROAD BRIDGE (KOILWER BANURA- CHAPRA ROAD)	RIVER GANGA AT ARA- CHAPRA ROAD BRIDGE (KOILWER BANURA- CHAPRA ROAD)	RIVER BURHI GANDAK AT LAL BAGLA GHAT, MOTIHARI DHAKA ROAD, EAST CHAMPARAN	RIVER SONE AT NASIRIGANJ DAM, ROHTAS	RIVER GANGA AT MAA AMBIKA ASTHAN, AAMI, SARAN
25.771153	25.724543	26.415383	25.708441	25.708441	25.68032	25.68032	26.660087	25.045209	25.740235
84.654639	84.825249	85.066452	84.889727	84.889727	84.785773	84.785773	85.01303	84.332819	84.963161
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GHAGHARA	GANGI	BURHI GANDAK	GANGA	GANGA	GANGA	GANGA	BURHI GANDAK	SONE	GANGA
SARAN	BHOJPUR	EAST CHAMPARAN	SARAN	SARAN	BHOJPUR/SARAN	BHOJPUR/SARAN	EAST CHAMPARAN	ROHTAS	SARAN
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
34	32	27	NA	29	NA	27	27	25	NA
7.8	7.7	8.3		7.6		8.9	8.2	6	
7.4	7.4	7.2		7.8		7.8	7.3	7.5	
242	307	283		382		362	305	229	
1.9	2	2	NA	2	NA	1.8	2	2.6	NA
0.3	0.3	0.3	NA	0.3	NA	0.3	0.3	0.3	NA
3300	54000	1100	NA	170000	NA	230	35000	2700	NA
4900	92000	1700	NA	540000	NA	330	160000	3900	NA
NA	NA	NA	NA	5400	NA	22	NA	NA	NA
NA	NA	NA	NA	79000	NA	78	NA	NA	NA
NA	33.4	26.1	NA	39.5	NA	25.7	34.3	46.4	NA
NA	92	150	NA	110	NA	156	144	120	NA
NA	14	23	NA	16	NA	52	19	17	NA
NA	16	16	NA	16	NA	12	16	24	NA
NA	1	0.4	NA	0.4	NA	0.4	0.4	0.4	NA
NA	90	152	NA	110	NA	152	140	124	NA
NA	26	38	NA	32	NA	29	45	32	NA
NA	5.8	14	NA	7.3	NA	19	6.8	11	NA
NA	17.9	22.9	NA	35.6	NA	41.5	23.8	18.7	NA
NA	196	186	NA	252	NA	238	202	152	NA
NA	164	154	NA	212	NA	192	168	144	NA
NA	36	28	NA	42	NA	26	36	50	NA
NA	0.7	0.2	NA	0.2	NA	0.2	0.2	0.2	NA
NA	0.3	0.2	NA	0.2	NA	0.3	0.3	0.7	NA

08-06-2022	29-06-2022	29-06-2022	30-06-2022	09-06-2022	28-06-2022	09-06-2022	09-06-2022	21-06-2022	06-06-2022
RIVER GANDAK AT REVWAGHAT, MUJAFFARPUR	RIVER SONE AT OBRA, AURANGABAD	RIVER POONPUN NEAR KINZER ROAD BRIDGE, JEHANABAD	RIVER POONPUN NEAR POONPUN RAIL BRIDGE, PATNA	RIVER GANDAK AT ROAD BRIDGE, U/S HAJIPUR	RIVER HARHA AT BAGHA, LAURRYA ROAD BRIDGE	RIVER GANDAK AT KONHARA GHAT, VAISHALI	RIVER GANDAK AT SONEPUR, PATNA (B/C GANGA), SARAN	RIVER PARMAR AT JOGBANI, ARARIA	RIVER SONE AT BAHIVARA, BHOJPUR
25.988349	24.885016	25.217822	25.513517	25.692357	27.096767	25.678586	25.675279	26.399461	25.297742
85.045545	84.213799	84.826131	85.292658	85.195574	84.121881	85.194604	85.189845	87.242477	84.678992
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANDAK	SONE	POONPUN	POONPUN	GANDAK	HARHA	GANDAK	GANDAK	FARMAR	SONE
MUZAFFARPUR	AURANGABAD	PATNA	PATNA	VAISHALI	WEST CHAMPARAN	PATNA	PATNA	ARARIA	BHOJPUR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
29	25	25	24	32	25	32	31	NA	34
8.5	2.8	5.1	6.4	8.7	8.1	8.3	8.4		8.2
7.4	8	7.7	7.8	7.6	7.7	7.6	7.3		8
198	399	306	292	229	210	199	246		196
1.7	4	3	2.6	1.7	1.8	1.8	2	NA	1.9
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	NA	0.3
35000	130	140	3500	7900	45	1700	13000	NA	1300
92000	330	490	9200	17000	140	3300	35000	NA	2400
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
197	38.4	24.5	75.5	178	141	192	183	NA	14.5
140	150	100	98	136	110	140	130	NA	88
15	28	20	28	8	7	8	9	NA	14
12	32	32	24	12	16	12	12	NA	16
0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	NA	0.4
134	148	94	94	132	108	136	124	NA	92
25	35	18	24	24	21	24	25	NA	26
6	15	12	8.3	5.8	14	5.8	6	NA	6.3
36.5	31.5	22	31.5	36.1	30.1	37.4	36.5	NA	20
124	250	202	192	144	132	132	154	NA	134
244	206	164	196	234	198	232	246	NA	108
216	40	26	78	180	144	194	186	NA	18
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	NA	0.2
0.4	0.9	0.7	0.7	0.4	0.2	0.3	0.3	NA	0.4

22-06-2022	22-06-2022	30-06-2022	08-06-2022	30-06-2022	28-06-2022	27-06-2022	22-06-2022	13-06-2022	21-06-2022
RIVER BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR	SIKANDRAPUR, MUZAFFARPUR	SURAJ KUND AT GAYA	RIVER GANDAK GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUMARIA GHAT)	TIGHI TALAB AT GAYA	RIVER SIKRAHNA AT CHANPATIYA, EAST CHAMPARAN	MOTI JHEEL AT MOTIHARI	RIVER BAGMATI AT DARBANGA, SAMASTIPUR ROAD BRIDGE, DARBHANGA	RIVER BAGMATI AT MUZAFFARPUR-SITAMARHI ROAD BRIDGE, SITAMARHI	KAWAR LAKE, BEGUSARAI
26.138571	26.132233	24.779015	26.360672	24.789701	26.960335	26.646875	26.038984	26.341991	25.623756
85.388808	85.373389	85.008927	84.749947	85.004648	84.534192	84.922831	85.891341	85.481683	86.142711
RIVER	LAKE	POND	RIVER	POND	RIVER	LAKE	RIVER	RIVER	LAKE
BURHI GANDAK	SIKANDRAPUR MANN	SURAJ KUND	GANDAK	TIGHI TALAB	SIKRAHNA	MOTI JHEEL	BAGMATI	BAGMATI	KAWAR
MUZAFFARPUR	MUZAFFARPUR	GAYA	GOPALGANJ	GAYA	CHAMPARAN	EAST CHAMPARAN	DARBHANGA	SITAMARHI	BEGUSARAI
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
NA	NA	27	32	28	24	28	NA	32	NA
		9.3	8.2	5.2	8.3	11		5.5	
		7.4	7.3	7.5	7.5	7.8		7.5	
		714	210	837	182	758		130	
NA	NA	3	1.8	2.8	1.6	30	NA	2.6	NA
NA	NA	0.3	0.3	0.3	0.4	0.3	NA	0.3	NA
NA	NA	1300	54000	28000	140	7900	NA	92000	NA
NA	NA	3500	92000	92000	220	22000	NA	160000	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	52.6	227	55.7	148	754	NA	445	NA
NA	NA	190	124	230	122	162	NA	110	NA
NA	NA	103	8	183	8	125	NA	12	NA
NA	NA	28	12	32	12	260	NA	16	NA
NA	NA	0.4	0.4	0.7	0.4	1.2	NA	0.4	NA
NA	NA	184	128	222	120	156	NA	108	NA
NA	NA	33	30	41	32	33	NA	19	NA
NA	NA	25	7.4	29	9.7	18	NA	4.7	NA
NA	NA	73.5	38.3	42.5	30.5	55.4	NA	80.3	NA
NA	NA	442	132	534	116	470	NA	88	NA
NA	NA	350	254	422	192	878	NA	376	NA
NA	NA	56	230	58	152	762	NA	448	NA
NA	NA	0.2	0.2	0.3	0.2	0.8	NA	0.2	NA
NA	NA	0.5	0.5	0.9	0.2	0.2	NA	0.2	NA

21-06-2022	06-06-2022	28-06-2022	09-06-2022	06-06-2022	06-06-2022	06-06-2022	21-06-2022	22-06-2022	22-06-2022
RIVER KOSHI AT KURSHELA AT KATIHAR	RIVER GANGA AT D/S BUXAR NEAR ROAD BRIDGE	RIVER SIKRAHNA AT LAL PARSE, BITTIAH, EAST CHAMPARAN	RIVER PUNPUN AT PUNPUN, PATNA	RIVER GANGA AT U/S JAIL GHAT, BUXAR	RIVER GANGA AT BUXAR, RAMREKHAGHAT	RIVER GANGA AT BUXAR	RIVER BURHI GANDAK AT KHAGARIA ROAD BRIDGE, KHAGARIA	RIVER BURHI GANDAK AT Z ROAD BRIDGE, SAMASTIPUR	RIVER BURHI GANDAK U/S ROAD BRIDGE MUZAFFARPUR (NH)
25.42082	25.588972	26.560646	25.627333	25.484321	25.576142	25.573508	25.501374	25.867123	26.136076
87.236262	83.985861	85.052409	85.155472	85.668239	83.970428	83.966669	86.479837	85.784927	85.381196
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
KOSHI (BIHAR)	GANGA	SIKRAHNA	PUNPUN	GANGA	GANGA	GANGA	BURHI GANDAK	BURHI GANDAK	BURHI GANDAK
KATIHAR	BUXAR	WEST CHAMPARAN	PATNA	SARAN	BUXAR	BUXAR	KHAGARIA	SITAMARHI	MUZAFFARPUR
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
NA	33	25	34	34	33	34	NA	NA	NA
	7.3	8	6.8	8.1	8.2	9			
	7.6	7.2	7.5	7.9	7.4	8			
	372	248	765	391	349	423			
NA	1.9	1.7	2.9	1.4	1.4	1	NA	NA	NA
NA	0.3	0.3	0.3	0.3	0.3	0.4	NA	NA	NA
NA	4900	130	17000	17000	17000	4900	NA	NA	NA
NA	9400	460	28000	22000	28000	7900	NA	NA	NA
NA	33	NA	5400	220	270	240	NA	NA	NA
NA	1700	NA	13000	4000	2700	1300	NA	NA	NA
NA	16.5	31.1	41	29.7	19.7	24.2	NA	NA	NA
NA	140	140	348	136	140	130	NA	NA	NA
NA	62	8	75	47	53	53	NA	NA	NA
NA	16	12	28	12	12	8	NA	NA	NA
NA	0.4	0.4	8.8	0.4	0.4	0.4	NA	NA	NA
NA	138	136	340	138	140	128	NA	NA	NA
NA	28	30	67	26	28	28	NA	NA	NA
NA	17	15	42	18	17	14	NA	NA	NA
NA	39	15.6	45.1	39.3	40.7	42.3	NA	NA	NA
NA	246	164	474	258	232	282	NA	NA	NA
NA	188	144	368	204	182	226	NA	NA	NA
NA	20	34	44	32	22	28	NA	NA	NA
NA	0.2	0.2	1.9	0.2	0.2	0.2	NA	NA	NA
NA	0.5	0.3	0.9	0.5	0.5	0.6	NA	NA	NA

08-06-2022	27-06-2022	22-06-2022	08-06-2022	22-06-2022	22-06-2022	22-06-2022	08-06-2022	21-06-2022	21-06-2022
RIVER GANGA AT PATNA D/S (GANGA BRIDGE), GAIGHAT	RIVER SIKRAHNA AT LAUREA, HARINAGAR ROAD BRIDGE	RIVER KAMALA AT JAYNAGAR	RIVER GANGA AT GULABI GHAT, PATNA	RIVER KAMALA AT BENIPATTI (MADHUBANI)	RIVER KAMALA (BIHAR) GANGA AT JEOWACH GHAT, DARBHANGA	RIVER KAMALA AT DARBHANGA	RIVER GANGA AT GANDHIGHAT, NIT AT PATNA	RIVER KOSHI AT BEERPUR, SUPAUL	RIVER KOSHI AT MADHEPURA
25.613753	26.148036	26.596857	25.620356	26.269758	26.195014	26.135844	25.622179	25.386081	25.930352
85.204131	85.373764	86.144676	85.179995	86.268875	85.998259	86.333137	85.172816	87.092419	86.801274
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
GANGA	SIKRAHNA	KAMALA(BIHAR) GANGA	GANGA	KAMALA(BIHAR) GANGA	KAMALA(BIHAR) GANGA	KAMALA(BIHAR) GANGA	GANGA	KOSHI (BIHAR)	KOSHI (BIHAR)
PATNA	DARBHANGA	JAHANABAD	PATNA	MADHUBANI	DARBHANGA	DARBHANGA	PATNA	SUPAUL	MADHEPURA
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
34	27	NA	35	NA	NA	NA	34	NA	NA
7.9	9.1		6.1				7.2		
8.1	7.1		7.9				8.1		
359	205		362				385		
1.8	1	NA	2.5	NA	NA	NA	2.4	NA	NA
0.3	0.3	NA	0.3	NA	NA	NA	0.3	NA	NA
13000	340	NA	24000	NA	NA	NA	35000	NA	NA
24000	1300	NA	35000	NA	NA	NA	92000	NA	NA
350	NA	NA	220	NA	NA	NA	240	NA	NA
7900	NA	NA	3400	NA	NA	NA	24000	NA	NA
54.2	16.5	NA	24.2	NA	NA	NA	24.6	NA	NA
114	120	NA	124	NA	NA	NA	126	NA	NA
23	6	NA	25	NA	NA	NA	25	NA	NA
12	8	NA	24	NA	NA	NA	20	NA	NA
0.4	0.4	NA	0.4	NA	NA	NA	0.4	NA	NA
110	122	NA	120	NA	NA	NA	130	NA	NA
22	34	NA	20	NA	NA	NA	29	NA	NA
13	8.7	NA	17	NA	NA	NA	14	NA	NA
27.2	12.9	NA	31	NA	NA	NA	32.4	NA	NA
234	136	NA	232	NA	NA	NA	246	NA	NA
208	112	NA	186	NA	NA	NA	196	NA	NA
58	18	NA	30	NA	NA	NA	28	NA	NA
0.2	0.2	NA	0.2	NA	NA	NA	0.2	NA	NA
0.4	0.3	NA	0.4	NA	NA	NA	0.6	NA	NA

09-06-2022	01-06-2022	09-06-2022	09-06-2022	09-06-2022	09-06-2022	09-06-2022	07-06-2022	08-06-2022	27-06-2022
RIVER DAHA AT ITWA BRIDGE, GOPALGANJ	RIVER GANGA AT BAKHTIYARPUR- TAPUR BRIDGE ON GANGA, ATHMALGOLA, PATNA	RIVER GANGA AT KACHCHI-DARGAH- BIDUPUR ROAD BRIDGE, PATNA	RIVER DAHA D/S RAJENDRA ROAD BRIDE SIWAN	RIVER DAHA AT SIWAN	RIVER GANGA AT KEWALA GHAT, FATUHA, PATNA	RIVER GANGA AT TRIVENI GHAT, PATNA	RIVER GANGA AT KURU, PATNA U/S	RIVER GANGA AT MALSALAMI, PATNA	RIVER SIKRAHNA LAURIA- NARKATIAGANJ ROAD BRIDGE, WEST CHAMPARAN
26.223497	25.655635	25.548238	26.222569	26.222639	25.511611	25.515132	25.650869	25.557806	27.105633
84.347097	85.096308	85.279377	84.354022	84.354122	85.307417	85.301372	85.115085	85.275648	84.454622
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
DAHA	GANGA	GANGA	DAHA	DAHA	GANGA	GANGA	GANGA	GANGA	SIKRAHNA
SIWAN	BUXAR	PATNA	SIWAN	SIWAN	PATNA	VAISHALI	PATNA	PATNA	WEST CHAMPARAN
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
25	26	32	26	26	33	33	35	34	27
5.9	9	8.4	0.3	1.3	5.8	6.9	7.1	7.8	9
7.4	7.4	7.8	7.2	7.4	7.9	7.9	8.1	8.2	7.4
355	277	268	684	417	295	262	385	375	238
2.9	1	1.6	5	5	3	2.7	2	2.1	1.1
0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3
3300	3500	54000	35000	28000	35000	24000	9200	17000	17000
7900	9200	92000	92000	35000	54000	35000	16000	35000	35000
NA	2	2400	NA	NA	3500	350	170	33	NA
NA	790	24000	NA	NA	13000	3300	3500	13000	NA
17.1	86.2	78.2	15.8	13.6	69.3	90.5	23.6	32.5	27.8
208	168	108	240	208	122	102	120	116	126
16	23	18	70	22	21	20	28	26	9
28	8	12	44	40	32	24	16	12	8
0.4	0.4	0.4	7.5	2.2	0.5	0.4	0.4	0.4	0.4
202	164	110	230	202	120	100	122	110	120
41	30	20	43	42	32	20	23	24	32
9.9	22	15	11	10	9.7	12	16	12	9.7
36.8	38.5	35.3	38	30.3	35	33	32.6	33.9	17.9
226	186	168	430	262	186	166	254	250	158
176	198	178	318	198	182	188	204	202	134
20	90	84	18	16	72	92	28	36	30
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
0.6	0.2	0.4	0.7	0.6	0.5	0.4	0.6	0.9	0.2

28-06-2022	01-06-2022	28-06-2022	08-06-2022	15-06-2022	08-06-2022	09-06-2022
RIVER HARBORA AT NARKATIAGANJ, WEST CHAMPARAN	RIVER GANGA AT MOKAMA (U/S), MAHADEO ASTHAN, PATNA	RIVER HARBORA, U/S WEST CHAMPARAN	RIVER DAHA D/S AT SASAMUSA, GOPALGANJ	RIVER GANGA AT BAKHTIYARPUR- TAJUPUR BRIDGE ON GANGA, ATHMALGOLA, PATNA	RIVER DAHA U/S SASAMUSA, GOPALGANJ	RIVER DAHA AT MEERGANJ
27.105529	25.401104	27.094829	26.520035	25.655635	26.231264	26.364956
84.454541	85.923198	84.143868	84.357095	85.096308	84.354868	84.360872
RIVER	RIVER	RIVER	RIVER	RIVER	RIVER	RIVER
HARBORA	GANGA	HARBORA	DAHA	GANGA	DAHA	DAHA
WEST CHAMPARAN	PATNA	WEST CHAMPARAN	SIWAN	BUXAR	GOPALGANJ	MEERGANJ
BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR	BIHAR
24	28	24	NA	29	NA	25
7.9	8.8	8.1		7.5		5.2
7.2	7.6	7.3		7.7		7.5
245	264	280		185		372
2.1	1.5	2.2	NA	2.1	NA	3.4
0.3	0.3	0.3	NA	0.3	NA	0.3
92000	24000	1100	NA	13000	NA	1700
160000	35000	3300	NA	24000	NA	4900
NA	220	NA	NA	2	NA	NA
NA	3300	NA	NA	1700	NA	NA
243	46.7	24.5	NA	169	NA	10.3
130	152	150	NA	120	NA	146
9	21	8	NA	19	NA	16
20	12	12	NA	20	NA	32
0.4	0.4	0.4	NA	0.4	NA	0.4
134	150	144	NA	122	NA	140
23	28	25	NA	26	NA	26
19	19	20	NA	6.2	NA	6.2
26.3	36.4	22.4	NA	33.3	NA	22.4
	176	182	NA	122	NA	238
	162	150	NA	212	NA	182
	50	26	NA	172	NA	12
	0.2	0.2	NA	0.2	NA	0.2
	0.2	0.2	NA	0.2	NA	0.6


 (Arun Kumar)
 Board Analyst

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)

Deeyu

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