

TABLE 5.1 :- WATER QUALITY OF RIVER GANGA - 2012

STATION CODE	LOCATIONS	STATE	TEMPERATURE °C			D.O. (mg/l)			pH			CONDUCTIVITY (µmhos/cm)			B.O.D. (mg/l)			NITRATE- N+ NITRITE-N (mg/l)			FECAL COLIFORM (MPN/100ml)			TOTAL COLIFORM (MPN/100ml)																
			Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean														
WATER QUALITY CRITERIA																																								
1491	BHAGIRATHI AT GANGOTRI	UTTARAKHAND	8	8	8.6	8.6	8.4	8.4	8.4	8.4	94	94	94	94	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l	< 3 mg/l								
1484	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	11	20	8.6	11.4	9.7	7.5	8.5	8.0	132	156	143	0.6	1.0	0.7																								
1485	MANDAKINI B/C ALKANANDA AT RUDRAPRAYAG	UTTARAKHAND	12	21	8.0	9.6	8.9	7.4	8.5	8.1	80	94	87	0.4	1.2	4.6																								
1486	ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	11	20	8.2	9.6	8.9	7.2	8.5	8.0	112	145	129	0.8	1.0	0.9																								
1487	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	14	18	8.4	11.2	9.4	7.4	8.5	8.1	132	140	136	1.0	1.2	1.1																								
1488	BHAGIRATHI B/C WITH ALKANANDA AT DEVPRAYAG	UTTARAKHAND	17	19	1.2	9.8	7.0	7.2	8.5	8.1	89	110	99	1.2	1.4	1.3																								
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	15	19	8.2	10.4	9.0	7.3	8.5	7.9	118	142	131	0.6	1.4	1.1																								
1060	GANGA AT RISHIKESH U/S	UTTARAKHAND	10	22	7.8	9.2	8.4	6.8	8.2	7.7	104	158	119	1	1.8	1.3																								
2725	GANGA AFTER CONFL. OF RIVER SONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA	UTTARAKHAND	13	28	0.6	8.0	6.0	7.2	8.8	7.8	214	619	388	1.6	1.2	6.2																								
1061	GANGA AT HARDWAR D/S	UTTARAKHAND	15	24	6.0	8.6	7.2	5.9	8.8	7.6	137	230	189	2.4	8.4	5.3																								
2727	UPPER GANGA RIVER D/S ROORKEE	UTTARAKHAND	15	24	7.2	9.2	7.9	6.8	8.8	7.8	135	202	158	1.4	4.2	2.6																								
1062	GANGA AT GARMUKTESHWAR	UTTAR PRADESH	13	26	7.0	9.8	8.6	7.2	7.6	7.4	170	260	220	2.8	3.9	3.4	0.13	0.97	0.40																					
2488	GANGA U/S, ANOOPSHAHAR	UTTAR PRADESH	17	23	19	7.4	12.5	9.2	7.0	7.5	7.3	170	314	222	1.8	5.2	3.1	0.00	0.75	0.26																				
2489	GANGA D/S, ANOOPSHAHAR	UTTAR PRADESH	17	23	20	7.6	12.0	9.2	7.0	7.6	7.4	160	323	230	1.6	5.6	3.2	0.00	1.06	0.31																				
1145	GANGA AT NARORA (BULANDSAHAR)	UTTAR PRADESH	17	23	20	8.0	10.2	9.3	7.0	7.5	7.3	180	270	216	1.9	4.0	2.6	0.00	0.69	0.29																				
2490	GANGA AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	17	24	20	8.2	9.8	9.0	7.0	7.8	7.4	180	300	251	0.5	3.8	2.7	0.00	0.80	0.33																				
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	UTTAR PRADESH	16	31	25	6.6	11.3	8.6	7.6	8.4	8.1	18	492	108	3.0	4.8	4.0	0.00	3.36	1.09																				
1066	GANGA AT KANNAUJ D/S	UTTAR PRADESH	16	31	25	6.4	10.8	8.3	7.9	8.5	8.1	18	476	108	3.8	5.8	4.8	0.00	2.54	0.94																				
1146	GANGA AT BITHOOR (KANPUR)	UTTAR PRADESH	16	31	25	6.4	11.6	8.7	7.4	8.8	8.2	23	499	105	2.6	5.7	4.1	0.00	2.32	0.76																				
1067	GANGA AT KANPUR U/S (RAINIGHT)	UTTAR PRADESH	16	31	25	2.8	12.2	8.7	7.5	9.1	8.4	23	528	106	2.8	5.9	4.3	0.00	2.48	0.82																				
1068	GANGA AT KANPUR D/S (JAIMAU PUMPING STATION)	UTTAR PRADESH	16	31	25	4.6	10.8	6.6	7.2	8.9	8.3	29	574	127	4.6	19.2	8.3	0.00	3.68	1.51																				
1147	GANGA AT DALMAU (RAI BAREILLY)	UTTAR PRADESH	16	25	20	6.8	8.8	7.7	7.7	8.1	7.9	159	361	240	3.1	3.8	3.5	0.78	0.90	0.84																				
2498	GANGA AT KALA KANKAR, RAEBARELI	UTTAR PRADESH	16	25	20	6.9	8.4	7.8	7.7	8.1	7.9	156	358	237	3.1	3.7	3.4	0.76	0.88	0.81																				
1046	GANGA AT ALAHABAD (RASOOLABAD)	UTTAR PRADESH	20	30	24	4.4	9.3	7.4	7.7	8.5	8.2	310	699	459	2.6	8.0	5.6	0.71	2.20	1.16																				
2487	GANGA AT KADAGHAT, ALAHABAD	UTTAR PRADESH	20	30	24	6.7	9.6	7.8	7.7	8.4	8.2	302	684	441	2.5	6.9	4.8	0.69	2.10	1.09																				
1049	GANGA AT ALAHABAD D/S (SANGAM)	UTTAR PRADESH	20	30	25	4.7	8.7	7.1	7.7	8.4	8.2	300	798	511	2.7	7.3	5.1	0.78	2.66	1.26																				
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	16	32	26	5.3	11.5	8.5	7.4	8.6	7.9	275	649	456	2.2	3.8	2.8	0.58	4.10	2.94																				
2486	GANGA D/S, MIRZAPUR	UTTAR PRADESH	16	32	27	5.2	10.8	7.8	7.3	8.5	7.8	276	654	460	3.0	4.3	3.3	1.52	5.70	4.09																				
1070	GANGA AT VARANASI U/S (ASSIGHAT)	UTTAR PRADESH	19	29	25	7.3	8.6	7.9	7.7	8.5	8.2	230	278	251	2.8	3.5	3.2																							

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			Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	WATER QUALITY CRITERIA																									
1071	GANGA AT VARANASI D/S (MALVIYA BRIDGE)	UTTAR PRADESH	20	30	25	6.8	8.1	7.4	8.0	8.8	8.5	248	312	277	3.6	5.4	5.0	0.00	0.28	0.04	27000	33000	31667	34000	49000	45000
1073	GANGA AT TRIGHAT (GHAZIPUR)	UTTAR PRADESH	19	30	25	6.8	9.8	7.6	8.1	8.9	8.5	240	509	288	3.4	3.9	3.7	0.00	10.00	0.83	11000	23000	14167	14000	38000	19250
2502	SHUKRA TAL, MUZAFFARNAGAR, NEAR GANGA RIVER	UTTAR PRADESH	18	18	18	7.6	7.6	7.6	7.2	7.2	7.2	276	276	276	1.1	1.1	1.1				90	90	90	150	150	150
3036	SHUKRA TAL (GANGA)	UTTAR PRADESH							7.9	8.0	8.0	350	399	375							14000	14000	14000	33000	33000	33000
1074	GANGA AT BUXAR, BIHAR	BIHAR	16	32	24	7.6	9.2	8.2	8.2	8.5	8.0	310	398	353	2.6	2.8	2.7				1100	5000	2350	2800	16000	5700
2551	GANGA AT BUXAR, RAMREKHAGHAT	BIHAR	15	32	24	7.4	9.0	8.1	7.1	8.4	7.9	310	468	362	2.4	7.8	3.2				3000	9000	6167	9000	24000	19500
1077	GANGA AT KHURJI, PATNA U/S	BIHAR	16	30	24	7.9	14.1	11.7	7.8	8.4	8.0	274	416	335	2.2	2.8	2.6				1100	9000	2209	2400	16000	4164
2556	GANGA AT INDRAPURI, DEHRI ON SONE	BIHAR	14	35	24	7.5	8.4	8.0	7.6	8.0	7.8	226	735	310	2.0	2.8	2.5				500	2200	960	1300	5000	2180
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	BIHAR	15	28	23	7.8	8.6	8.3	7.6	8.6	8.0	247	506	344	2.4	2.8	2.7				170	3000	1406	2400	9000	4017
2552	GANGA DARBHANGA GHAT AT PATNA	BIHAR	17	31	24	7.8	8.7	8.2	7.7	8.6	8.1	272	432	352	2.6	2.9	2.8				3000	16000	7250	9000	24000	20750
1079	GANGA AT PATNA D/S (GANGA BDG)	BIHAR	17	31	24	7.8	8.6	8.2	7.8	8.4	8.1	276	426	358	2.6	3.0	2.8				3000	9000	5167	9000	24000	15000
2555	GANGA AT PUNPUN, PATNA	BIHAR	16	30	24	7.0	8.1	7.7	7.6	8.2	7.9	306	738	411	2.4	2.8	2.6				800	2400	1308	2200	16000	4000
2553	GANGA AT FATUHA	BIHAR	16	31	24	7.8	8.8	8.3	7.8	8.4	8.1	271	436	344	2.4	2.8	2.6				800	3000	1600	2200	9000	3750
1817	GANGA AT MOKAMA (U/S)	BIHAR	16	32	24	6.8	8.6	8.0	7.8	8.2	8.0	280	384	325	2.2	2.7	2.5				800	5000	1840	900	16000	4430
1815	GANGA AT MOKAMA (D/S)	BIHAR	16	32	24	6.6	8.5	7.9	7.7	8.1	7.9	290	386	330	2.4	3.0	2.8				1700	9000	5973	5000	24000	18636
1818	GANGA AT MUNGER	BIHAR	15	32	24	7.5	8.6	8.0	7.6	8.1	7.9	299	354	329	2.4	2.8	2.6				1100	5000	2067	2400	9000	4100
2554	GANGA AT SULTANGANI, BHAGALPUR	BIHAR	14	32	24	7.6	8.6	8.0	7.7	8.0	7.9	310	362	336	2.4	2.7	2.6				500	3000	1778	2400	16000	4278
1819	GANGA AT BHAGALPUR	BIHAR	16	30	23	6.4	8.7	7.9	7.8	8.2	7.9	316	360	334	2.4	2.7	2.5				1700	9000	4410	3500	24000	9200
1816	GANGA AT KAHALGAON	BIHAR	16	29	23	7.5	8.7	8.1	7.8	8.2	7.9	296	368	330	2.4	2.9	2.7				700	9000	3809	2200	24000	9564
3113	GANGA AT D/S BUXAR NEAR GANGA BRIDGE	BIHAR	16	32	24	7.5	9.1	8.2	7.4	8.5	8.0	305	436	347	2.6	2.9	2.7				1700	9000	3625	3000	24000	9000
3114	GANGA RIVER NEAR DANAPUR	BIHAR	17	31	24	7.9	8.8	8.4	7.5	8.7	8.1	272	416	337	2.4	2.8	2.6				1100	9000	2358	2200	24000	5417
3115	GANGA RIVER AT BARH	BIHAR	16	29	23	7.8	8.6	8.2	7.8	8.1	8.0	310	386	331	2.4	2.7	2.6				1100	3000	1780	2400	5000	3640
3116	GANGA AT U/S MJUNGER	BIHAR	15	31	24	7.6	8.6	8.0	7.7	8.1	7.9	298	349	322	2.4	2.7	2.5				1100	3000	1767	2800	9000	4489
3117	GANGA AT U/S SULTANGANI	BIHAR	14	32	23	7.6	8.6	8.1	7.7	8.1	7.9	298	365	334	2.2	2.6	2.5				800	9000	2438	2200	16000	5113
3118	GANGA AT U/S BHAGALPUR	BIHAR	20	30	27	6.8	8.0	7.6	7.7	8.0	7.9	305	386	341	2.6	2.8	2.7				1400	5000	2700	3000	16000	8000
3122	GANGA AT MALSALAMI, PATNA	BIHAR	17	30	24	7.8	8.8	8.2	7.7	8.5	8.1	272	418	341	2.0	2.9	2.6				1100	5000	2233	2800	16000	5517
3123	GANGA RIVER AT BARAHIA	BIHAR	22	30	26	7.4	8.4	7.9	7.7	8.1	7.9	312	348	328	2.2	2.7	2.5				1100	5000	2175	2800	24000	8150
1080	GANGA AT BAHARAMPORE	WEST BENGAL	21	33	27	6.1	10.7	7.6	7.1	8.5	7.8	198	350	281	1.4	5.8	3.4	0.00	1.33	0.57	900	200000	41817	1400	300000	59983
2511	NABADIPOON GANGA, GHOSH PARA NEAR MONIPURGHAT	WEST BENGAL	19	32	27	6.2	10.5	7.6	7.2	8.5	7.8	196	354	275	1.3	4.5	2.4	0.00	1.32	0.58	1700	90000	28975	2100	200000	48425
2506	TRIBENI ON GANGA, NEAR BURNING GHAT	WEST BENGAL	19	33	27	5.9	9.1	7.4	7.9	8.3	8.1	197	348	273	0.6	3.1	1.6	0.04	0.56	0.35	800	50000	12925	1100	90000	19792
1054	GANGA AT PALTA	WEST BENGAL	21	33	28	5.4	10.5	7.0	7.0	8.5	7.8	194	381	288	1.4	4.7	3.1	0.00	1.27	0.64	14000	500000	156417	27000	900000	262250
1472	GANGA AT SERAMPORE	WEST BENGAL	19	32	27	5.2	9.3	7.0	7.5	8.2	8.0	195	363	280	0.7	4.3	2.4	0.06	1.29	0.52	17000	200000	128667	30000	300000	162750
1053	GANGA AT DAKSHINESWAR	WEST BENGAL	21	35	28	4.5	8.2	6.1	7.5	8.1	7.8	187	478	315	2.2	5.8	4.1	0.04	1.44	0.49	85000	3000000	493750	100000	5000000	1076667
1471	GANGA AT HOWRAH-SHIPUR	WEST BENGAL	18	32	27	4.5	9.7	6.0	6.8	8.3	7.8	226	389	306	1.4	4.3	2.9	0.08	1.08	0.46	20000	400000	131250	35000	700000	345417
1470	GANGA AT GARDHEN REACH	WEST BENGAL	20	33	27	4.2	10.4	6.2	7.3	8.4	7.9	215	392	312	1.5	5.2	3.3	0.06	1.34	0.57	40000	900000	198333	65000	3000000	590417
1052	GANGA AT ULUBERIA	WEST BENGAL	19	34	27	3.5	8.1	5.5	7.5	8.2	7.8	233	402	331	1.2	5.2	3.3	0.16	1.04	0.45	4000	100000	30333	8000	200000	74500
1469	GANGA AT DIAMOND HARBOUR	WEST BENGAL	21	32	28	4.7	7.9	6.7	7.2	8.2	7.9	225	6220	2448	0.7	5.4	2.4	0.12	0.88	0.41	2000	100000	25500	8000	200000	57417