

WATER QUALITY DATA 2008 | CPCB ENVIS

WATER QUALITY OF RIVER GANGA - 2008

STATION CODE	LOCATIONS	TEMPERATURE °C			D.O. (mg/l)			pH			CONDUCTIVITY (µmhos/cm)			B.O.D. (mg/l)			NITRATE- N (mg/l)			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	Min	Max	Mean
WATER QUALITY CRITERIA					> 4 mg/l			6.5-8.5			< 2250 µmhos/cm			< 3 mg/l						< 2500 MPN/100ml			< 5000 MPN/100ml					
1491	BHAGIRATHI AT GANGOTRI,	2.5	12.0	7.3	9.0	10.1	9.6	7.1	7.8	7.4	130	130	130	2.0	2.0	2.0	0.13	0.13	0.13				26	26	26	3900	3900	3900
1484	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	8.0	18.0	14.1	7.6	10.4	9.4	6.9	8.3	7.5	125	166	148	0.9	2.3	1.4	0.19	0.25	0.23				110	65000	17083	0	10100000	2182120
1485	MANDAKINI B/C ALKALNADA AT RUDRAPRAYAG	8.0	18.0	13.6	7.7	10.1	9.2	6.9	7.5	7.2	80	172	109	1.0	2.5	1.3	0.20	0.35	0.30				50	48000	12638	0	5100000	1032820
1486	ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	8.0	17.0	14.1	7.6	10.8	9.3	6.9	7.8	7.3	93	164	137	0.9	2.3	1.3	0.20	0.24	0.22				150	48000	13738	0	650000	262840
1487	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	8.0	19.0	14.6	6.9	10.3	9.2	7.1	8.6	7.5	140	164	155	0.9	5.4	1.8	0.22	0.29	0.26				750	79000	20598	0	560000	217440
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	9.0	19.0	14.8	7.5	9.8	8.9	7.1	8.6	7.5	100	165	130	0.9	6.0	2.0	0.18	0.19	0.19	0.04	0.04	0.04	170	2800	1143	0	470000	130560
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	11.0	18.0	13.9	7.7	10.3	9.3	7.1	8.4	7.5	130	160	141	0.9	5.2	1.7	0.22	0.24	0.23				90	68000	18510	0	720000	170960
1060	GANGA AT RISHIKESH U/S, UT	10.0	20.0	16.9	6.1	9.6	8.7	7.1	8.4	7.4	170	170	170	1.2	3.2	2.0							1	1	1	0	23	9
1061	GANGA AT HARIDWAR D/S, UT	12.0	26.0	19.4	5.2	6.6	6.0	6.1	7.2	6.6	-	-	-	4.2	7.6	5.4							3	4	4	24	1600	551
1062	GANGA AT GARHMUKTESHWAR, U.P	10.0	25.0	19.9	7.0	10.0	8.5	7.2	7.7	7.5	162	337	203	2.0	3.2	2.6	0.40	1.00	0.73	0.50	0.70	0.60	900	2600	1608	2100	7500	3361
1145	GANGA AT NARORA, U.P				7.6	8.9	8.4	7.4	8.4	7.9	118	260	154	2	3.6	2.6							490	1800	1159	2200	9200	5025
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	15.0	34.0	26.2	5.6	10.4	7.4	7.2	8.8	8.0	42	740	374	2.8	4.6	3.6	0.30	2.40	1.14	2.80	2.80	2.80	0	23000	3567	1500	75000	17358
1066	GANGA AT KANNAUJ D/S, U.P	17.0	34.0	27.4	5.3	9.8	7.1	7.3	8.9	7.9	250	850	425	3.0	5.2	4.1	0.30	1.90	1.16	0.10	0.60	0.35	900	15000	3080	3900	75000	14782
1146	GANGA AT BITHOOR (KANPUR), U.P.	15.0	33.0	26.2	5.5	9.7	7.4	7.3	8.7	8.1	39	570	307	2.4	5.6	3.5	0.20	2.60	1.31	0.10	1.20	0.65	400	23000	3125	2100	93000	13692
1067	GANGA AT KANPUR U/S (RANIGHAT), U.P	15.0	34.0	26.8	6.1	11.6	7.6	7.0	8.8	8.1	39	560	357	2.4	5.2	3.4	0.20	2.80	1.52				400	23000	3190	2100	93000	13555
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION), U.P	15.0	34.0	26.8	1.6	9.9	5.6	7.4	8.8	8.0	67	860	479	3.8	21.0	8.3	0.30	3.80	2.24	0.10	1.80	1.13	1500	46000	16818	15000	240000	94250
1147	GANGA AT DALMAU (RAI BAREILLY), U.P.	15.0	30.0	25.6	7.2	9.8	8.7	7.7	8.1	7.8	260	355	314	3.1	3.9	3.4	0.60	0.80	0.67	0.40	0.50	0.43	4300	5200	4744	6100	7500	6778
1046	GANGA AT ALLAHABAD (RASOOLABAD), U.P.	15.0	31.5	24.5	7.2	10.2	8.4	8.1	8.3	8.3	266	634	423	2.7	4.1	3.4	2.90	3.80	3.32	0.10	0.10	0.10	1100	6000	2400	2800	9000	4275
1049	GANGA AT ALLAHABAD D/S (SANGAM), U.P.	16.0	31.0	25.0	6.5	9.7	8.0	8.1	8.4	8.3	270	758	469	3.3	5.4	4.0	2.60	3.20	2.90	0.10	0.10	0.10	1700	11000	5167	3500	17000	8875
1070	GANGA AT VARANASI U/S (ASSIGHAT), U.P	25	30	27.2	8.3	8.7	8.5	7.4	7.7	7.5	230	363	318	3.2	3.8	3.4	0.2	0.3	0.25				11000	13000	11667	14000	23000	15500
1071	GANGA AT VARANASI D/S (MALVIYA BRIDGE), U.P.	25.5	29.5	27.4	6.5	7.9	7.3	8.4	8.9	8.6	264	397	353	9.2	12.4	10.5	0.32	0.38	0.36	0.15	0.2	0.18	18000	110000	74500	94000	220000	144833
1073	GANGA AT TRIGHAT (GHAZIPUR), U.P	26	29	27.2	7.8	8.4	8.1	8	8.9	8.3	274	378	339	3.6	4.8	4.3	0.26	0.34	0.30				17000	27000	22250	26000	43000	32333
1074	GANGA AT BUXAR, BIHAR	19.0	30.0	23.3	7.6	9.0	8.7	8.1	8.3	8.2	242	370	336	2.2	2.7	2.4							2200	13000	4000	3000	24000	8083
1077	GANGA AT KHURJI, PATNA U/S, BIHAR	18.0	31.0	24.0	7.8	9.3	8.4	7.6	8.4	8.0	262	465	360	2.1	2.7	2.4							1300	17000	4992	2200	30000	9550
1079	GANGA AT PATNA D/S (GANGA BRIDGE),BIHAR	18.0	30.0	23.8	2.6	9.0	7.4	7.5	8.5	8.0	271	467	377	2.3	2.9	2.6							5000	50000	14545	16000	90000	34545
1817	GANGA AT MOKAMA (U/S)	17.0	31.0	23.8	7.8	9.1	8.5	7.5	8.6	8.1	308	378	345	2.0	2.6	2.4							1700	17000	5245	3000	50000	12091
1815	GANGA AT MOKAMA (D/S)	16.2	30.0	23.6	7.5	8.8	8.2	7.4	8.6	8.1	316	416	370	2.4	2.9	2.6							5000	30000	13917	16000	90000	38500
1818	GANGA AT MUNGER	19.0	26.0	22.5	8.6	9.2	8.8	8.1	8.3	8.2	342	381	355	2.0	2.5	2.3							1300	11000	4225	3000	22000	8750
1819	GANGA AT BHAGALPUR	20.0	24.0	22.0	8.6	9.0	8.8	8.2	8.2	8.2	353	386	370	2.2	2.6	2.4							2200	13000	5800	5000	28000	12750
1816	GANGA AT KAHALGAON	19.0	25.0	22.5	8.2	9.4	8.8	8.1	8.3	8.2	342	381	369	2.1	2.8	2.4							2400	22000	6100	5000	50000	16417
1080	GANGA AT BAHARAMPORE	19.5	35.5	27.8	5.9	9.1	7.4	7.3	8.6	8.0	183	358	280	0.6	3.0	1.7	0.10	0.70	0.23				17000	70000	29000	22000	110000	55667
1472	GANGA AT SERAMPORE	20.0	32.0	27.8	5.5	8.3	6.7	7.7	8.2	7.9	174	375	292	1.4	2.2	1.8	0.10	0.60	0.35				22000	110000	63000	80000	170000	105000
1053	GANGA AT DAKSHINESHWAR	18.0	31.5	27.4	4.1	8.2	6.1	7.4	8.2	7.8	201	378	316	1.4	6.0	4.2	0.10	0.80	0.33				35000	850000	283333	55000	1400000	605417
1471	GANGA AT HOWRAH-SHIVPUR	22.0	32.0	28.0	4.5	8.1	6.0	7.8	8.2	8.0	195	375	307	1.6	2.3	1.9	0.20	0.40	0.28				70000	135000	100000	150000	400000	221250
1470	GANGA AT GARDEN REACH	24.0	30.0	27.9	4.7	8.4	6.4	7.8	8.0	7.9	185	378	308	1.3	2.8	2.3	0.20	0.30	0.28				55000	400000	176250	85000	1100000	733750
1052	GANGA AT ULUBERIA	17.0	31.5	26.7	4.4	8.1	6.0	7.6	8.4	7.9	213	441	319	1.0	5.4	2.8	0.10	0.50	0.30				4000	170000	37000	8000	500000	103750
1054	GANGA AT PALTA WEST BENGAL	18.0	31.5	26.9	4.9	8.8	6.6	7.0	8.6	8.1	192	367	296	0.6	1.8	1.3	0.10	0.50	0.29				30000	110000	67500	70000	220000	133333
ESTUARINE ZONE																												
1469	GANGA AT DIAMOND HARBOUR	21.0	31.0	27.5	5.3	7.4	6.1	7.8	7.8	7.8	219	6320	1943	0.5	2.5	1.6	0.20	0.40	0.33				4000	22000	11250	8000	130000	43250