

WATER QUALITY DATA 2009 | ENVIS CPCB

WATER QUALITY OF RIVER GANGA - 2009

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, UT	4.0	7.8	5.9	8.4	10.0	9.2	7.0	7.4	7.2	107	110	109	1.0	1.0	1.0							990	990	990	71000	71000	71000
1484	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	12.0	18.4	14.2	8.0	9.4	8.7	7.1	7.7	7.4	120	540	232	0.5	2.8	1.2	0.20	0.20	0.20				2900	9900	6400	79000	171000	125000
1485	MANDAKINI B/C ALKANLADA AT RUDRAPRAYAG	12.0	18.4	16.1	8.2	9.5	8.8	7.1	7.7	7.5	68	103	82	0.3	2.4	1.1	0.23	0.23	0.23				2100	21000	11550	65000	75000	70000
1486	ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	12.0	18.2	14.8	8.2	9.3	8.9	7.3	7.9	7.5	103	130	110	0.8	1.6	1.1	0.23	0.23	0.23				2200	11700	6950	85000	88000	86500
1487	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	13.0	22.0	17.3	7.5	9.6	8.6	7.4	7.8	7.6	86	141	116	0.8	1.4	1.1	0.23	0.23	0.23				3100	11900	7500	89000	102000	95500
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	12.0	22.0	18.1	7.6	9.1	8.7	7.1	7.9	7.5	76	186	114	0.5	2.8	1.2	0.22	0.22	0.22				2100	40000	21050	29000	200000	114500
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	13.0	22.0	17.8	8.0	9.2	8.6	7.3	8.0	7.6	101	175	129	0.5	2.0	1.3	0.26	0.26	0.26				2200	30000	16100	66000	210000	138000
1060	GANGA AT RISHIKESH U/S, UT	10.0	27.0	17.4	8.0	9.1	8.7	7.2	8.7	7.8	104.5	110	107	0.2	2.5	1.4									2	4	3	
1061	GANGA AT HARIDWAR D/S, UT	15.0	28.0	20.6	5.6	8.4	6.6	6.5	8.7	7.6	178	334	243	2.7	5.6	3.9							2	1300	171	14	3500	888
1062	GANGA AT GARHMUKTESHWAR	16.0	25.0	20.5	7.0	10.0	8.3	7.2	7.6	7.5	186	378	272	3.0	4.2	3.6	0.80	1.20	0.87				1100	4000	2150	2200	16000	6250
1145	GANGA AT NARORA, U.P	13.0	22.6	19.8	7.6	8.5	8.1	7.8	8.3	8.0	218	304	277	2.0	3.6	2.5							430	1100	812	1400	5400	4220
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	16.0	32.0	26.7	6.8	11.1	8.4	7.3	8.7	8.1	250	550	384	2.3	4.9	3.7	0.05	2.50	1.12	0.98	1.60	1.29	700	2300	1200	2000	7500	3475
1066	GANGA AT KANNAUJ D/S, U.P	17.0	32.0	26.8	6.4	10.8	8.3	7.4	8.7	8.0	270	500	394	3.4	5.2	4.4	0.06	1.80	1.24	1.40	1.80	1.60	900	2800	1700	3900	9300	5742
1146	GANGA AT BITHOOR (KANPUR), U.P.	17.0	32.0	26.5	6.6	10.3	8.3	7.4	8.6	8.1	260	540	359	2.7	5.4	3.6	0.06	2.40	1.20	0.92	2.00	1.33	700	2300	1300	1500	7500	3650
1067	GANGA AT KANPUR U/S (RANIGHAT), U.P	17.0	32.0	27.0	6.8	11.2	8.4	7.2	8.6	8.1	260	550	365	2.3	5.2	3.5	0.07	2.20	1.49	1.20	1.80	1.50	400	2300	1117	1100	7500	3650
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION)	17.0	32.0	27.0	4.7	7.2	6.1	7.6	8.4	8.0	71	624	422	4.8	16.0	9.2	0.08	3.40	2.08	0.10	2.60	0.87	4000	75000	20417	28000	120000	74083
1147	GANGA AT DALMAU (RAI BAREILLY), U.P.	19.0	31.0	25.7	8.0	9.8	8.9	7.6	8.0	7.8	288	492	390	3.1	3.9	3.5	0.66	0.88	0.77	0.28	0.68	0.43	4300	4900	4775	6300	7900	7292
2498	GANGA AT KALA KANKAR, RAEBARELI	23.0	25.0	24.0	7.9	8.1	8.0	7.8	8.0	7.9	369	376	373	3.8	3.9	3.9	0.76	0.82	0.79	0.36	0.36	0.36	4900	4900	4900	7600	7900	7750
1046	GANGA AT ALLAHABAD (RASOOLABAD), U.P.	17.3	31.0	25.6	6.5	9.8	7.6	8.1	8.4	8.3	252	575	408	2.7	4.3	3.3	2.40	3.10	2.87	0.15	0.18	0.16	1400	2300	1892	3000	5000	3733
1049	GANGA AT ALLAHABAD D/S (SANGAM), U.P.	18.0	31.5	26.2	6.3	9.3	7.3	8.2	8.4	8.3	285	687	475	3.2	4.8	3.8	2.70	3.30	2.99	0.14	0.18	0.16	2200	4000	2983	4000	6000	5500
2487	GANGA AT KADAGHAT, ALLAHABAD	22.0	28.0	25.0	7.4	8.6	8.0	8.1	8.2	8.1	285	386	336	2.6	3.0	2.8	2.20	2.60	2.40				1300	1700	1500	3000	3000	3000
1070	GANGA AT VARANASI U/S (ASSIGHAT), U.P	17.5	29.5	24.6	8.2	8.5	8.4	7.3	7.8	7.5	318	368	351	3.3	3.8	3.5	0.20	0.30	0.27	0.02	0.28	0.18	8000	13000	10444	11000	17000	13667
1071	GANGA AT VARANASI D/S (MALVIYA BRIDGE), U.P	18.0	30.0	25.4	6.5	7.9	7.2	8.2	8.9	8.5	330	397	370	1.0	12.8	9.4	0.36	1.28	0.57	0.04	0.42	0.27	46000	90000	74444	70000	140000	111556
1073	GANGA AT TRIGHAT (GHAZIPUR), U.P	18.5	30.5	26.1	7.6	8.2	7.9	8.2	8.6	8.4	336	387	364	3.6	4.4	4.0	0.32	0.40	0.35	0.03	0.36	0.20	17000	27000	22625	22000	34000	29000
2551	GANGA AT BUXAR, RAMREKHAGHAT	17.0	22.0	20.3	8.0	9.2	8.5	8.0	8.5	8.3	344	362	350	2.5	2.9	2.8	0.36	0.44	0.41				5000	9000	6333	16000	24000	18667
1074	GANGA AT BUXAR,BIHAR	15.0	25.0	21.8	7.6	9.0	8.2	8.0	8.5	8.2	290	364	339	2.6	2.9	2.8							1100	5000	2264	2800	16000	6618
2556	GANGA AT INDRAPURI, DEHRI ON SONE	18.0	22.0	20.0	7.9	8.2	8.1	8.6	8.7	8.6	251	281	269	2.3	2.7	2.5	0.42	0.56	0.50				500	1100	800	1100	3000	2167
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	25.0	25.0	25.0	8.6	8.6	8.6	8.8	8.8	8.8	262	262	262	2.7	2.7	2.7	0.76	0.76	0.76				1300	1300	1300	2400	2400	2400
1077	GANGA AT KHURJI, PATNA U/S, BIHAR	18.0	31.0	22.9	7.5	9.1	8.1	7.7	8.4	8.1	236	454	372	2.5	2.8	2.7							1300	3000	1630	2800	9000	4280
2552	GANGA DARBHANGA GHAT AT PATNA	20.0	23.0	21.7	7.8	8.5	8.0	8.1	8.2	8.1	338	406	369	2.7	2.8	2.8	0.32	0.38	0.35				5000	5000	5000	16000	16000	16000
1079	GANGA AT PATNA D/S (GANGA BRIDGE),BIHAR	19.0	32.0	23.4	7.4	8.8	8.0	7.6	8.4	8.1	252	467	389	2.6	3.0	2.9							2200	9000	5600	9000	24000	18167
2555	GANGA AT PUNPUN, PATNA	22.0	23.0	22.5	6.0	7.4	6.7	7.4	7.9	7.7	450	461	456	2.5	2.7	2.6	0.38	0.42	0.40				1300	1300	1300	3000	3000	3000
2553	GANGA AT FATUHA	21.0	23.0	22.0	7.9	8.8	8.3	8.1	8.3	8.2	352	399	371	2.6	2.8	2.7	0.32	0.36	0.34				1100	1700	1500	5000	5000	5000
1817	GANGA AT MOKAMA (U/S)	17.0	26.0	21.7	7.4	8.7	8.0	8.0	8.9	8.2	312	476	378	2.8	3.0	2.9							1300	9000	4464	3000	24000	14727
1815	GANGA AT MOKAMA (D/S)	18.0	31.5	23.1	7.5	9.0	8.1	7.5	8.3	8.1	307	462	362	2.6	2.9	2.7							1100	3000	1950	2200	24000	5983
1818	GANGA AT MUNGER	20.0	28.0	23.3	7.6	8.9	8.5	7.7	8.2	8.0	260	365	321	2.6	2.7	2.7							1300	2400	1900	2400	9000	5350
2554	GANGA AT SULTANGANJ, BHAGALPUR	17.0	23.0	20.3	8.2	8.9	8.4	8.2	8.4	8.3	284	362	310	2.5	2.7	2.6	0.72	0.82	0.77				2200	3000	2533	9000	9000	9000
1819	GANGA AT BHAGALPUR	19.0	30.0	23.3	7.6	9.0	8.2	7.9	8.2	8.1	322	412	361	2.7	2.9	2.8							1300	3000	1867	3000	9000	5000
1816	GANGA AT KAHALGAON	20.0	29.0	23.2	7.5	9.1	8.1	8.0	8.4	8.2	282	384	358	2.6	2.9	2.8							1400	5000	3164	3000	16000	8455
1080	GANGA AT BAHARAMPORE	19.0	31.0	27.4	5.6	9.0	7.0	7.9	8.4	8.3	196	357	289	1.0	2.0	1.4	0.17	0.54	0.33				13000	80000	46600	23000	110000	73