

WATER QUALITY DATA 2011 |CPCB ENVIS

WATER QUALITY OF RIVER GANGA - 2011

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						> 4 mg/l			6.5-8.5						< 3 mg/l						< 2500 MPN/100ml			< 5000 MPN/100ml		
1491	BHAGIRATHI AT GANGOTRI	UTTARAKHAND	3.0	8.0	5.5	8.0	8.9	8.5	7.7	8.1	7.9	88	102	95				0.00	0.30	0.15						
1484	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	10.0	21.0	16.6	8.6	12.2	9.6	7.2	8.7	8.0	105	193	145				0.00	0.50	0.08	700	4300	2500	9300	9300	9300
1485	MANDAKINI B/C ALKALNADA AT RUDRAPRAYAG	UTTARAKHAND	10.0	20.0	16.6	7.0	9.8	8.8	7.3	8.7	8.0	67	205	115				0.00	0.50	0.08	1500	2100	1800	4300	46000	25150
1486	ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	10.0	22.0	17.6	8.6	10.3	9.3	7.6	8.6	8.1	84	194	150	0.6	0.8	0.7	0.00	0.50	0.08	9300	24000	16650	46000	46000	46000
1487	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	12.0	22.0	18.4	7.7	11.4	9.1	7.4	8.6	8.1	104	196	141	0.6	1.9	1.2	0.00	0.60	0.09	900	9300	5100	4300	15000	9650
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	UTTARAKHAND	12.0	22.0	18.3	7.6	9.8	8.6	7.4	8.5	8.0	92	188	135	1.0	1.0	1.0	0.00	0.40	0.06	400	900	650	2100	4300	3200
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	12.0	22.0	18.4	8.0	10.2	8.7	7.4	8.5	8.1	106	167	132	0.6	0.8	0.7	0.00	0.50	0.08	9300	46000	27650	24000	110000	67000
1060	GANGA AT RISHIKESH U/S	UTTARAKHAND	11.4	19.5	17.1	8.0	11.0	9.1	7.0	8.4	7.7	94	148	121	0.2	3.0	1.7							5	200	99
2725	A/C R.SONG NR SATYANARAYAN TEMPLE D/S RAIWALA	UTTARAKHAND	16.0	26.0	21.9	5.2	11.0	7.8	6.8	8.6	7.7	117	480	305	1.4	7.6	4.5				800	800	800	1600	35000	4467
1061	GANGA AT HARIDWAR D/S	UTTARAKHAND	16.1	24.5	20.0	4.2	8.8	6.7	6.7	8.5	7.6	122	305	196	0.6	11.0	5.6				300	2000	1150	200	580000	50917
2727	UPPER GANGA RIVER D/S ROORKEE	UTTARAKHAND	12.2	31.0	19.4	6.4	10.4	8.3	6.8	8.4	7.8	123	208	157	1.0	3.8	2.5				5	11	8	140	700	377
1062	GANGA AT GARHMUKTESHWAR	UTTAR PRADESH	13.5	25.0	19.6	7.0	10.0	8.2	7.2	7.5	7.4	181	290	221	2.8	4.5	3.4	0.00	0.73	0.50	310	2100	1162	700	4300	2497
2488	GANGA U/S, ANOOPSHAHAR	UTTAR PRADESH	13.0	24.0	18.3	7.0	10.6	8.4	7.0	8.0	7.4	100	285	196	1.6	3.8	2.8	0.00	0.74	0.21	110	1100	673	430	2000	1377
2489	GANGA D/S, ANOOPSHAHAR	UTTAR PRADESH	13.0	24.0	18.5	7.2	10.5	8.3	7.2	8.2	7.6	110	480	230	2.2	6.1	3.6	0.00	0.96	0.23	150	1200	783	640	2400	1713
1145	GANGA AT NARORA (BULANDSAHAR)	UTTAR PRADESH	14.0	25.0	19.2	7.4	11.6	8.7	7.0	7.8	7.5	110	240	189	1.9	6.6	3.1	0.00	0.80	0.23	70	610	420	150	1400	850
2490	AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	14.0	25.8	20.3	7.6	9.2	8.3	7.2	7.7	7.4	116	289	206	2.2	6.8	3.7	0.00	0.95	0.28	300	1300	840	930	2600	1743
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	UTTAR PRADESH	15.0	32.0	25.6	6.0	9.8	7.9	7.1	8.5	8.0	53	541	327	3.4	6.2	4.5	0.00	5.46	2.25	700	9000	3042	2800	20000	10075
1066	GANGA AT KANNAUJ D/S	UTTAR PRADESH	15.0	32.0	25.6	6.0	10.1	7.8	7.2	8.6	8.0	55	544	324	4.2	9.0	5.5	0.98	4.33	2.25	900	9000	3508	4300	49000	20208
1146	GANGA AT BITHOOR (KANPUR)	UTTAR PRADESH	15.0	32.0	25.6	6.2	14.3	8.7	7.4	8.8	8.2	450	558	510	2.6	5.6	4.0	0.24	3.88	1.70	900	4300	1700	1100	21000	7750
1067	GANGA AT KANPUR U/S (RANIGHAT)	UTTAR PRADESH	15.0	32.0	25.8	6.0	12.8	8.6	7.4	9.1	8.2	49	560	316	3.0	5.5	4.3	0.46	3.95	2.03	900	28000	6667	1100	150000	31992
1068	AT KANPUR D/S (JAJMAU PUMPING STATION)	UTTAR PRADESH	15.0	32.0	25.8	4.0	11.5	6.9	7.1	8.8	8.0	55	637	381	6.6	9.6	8.4	1.12	4.74	2.77	4000	93000	38942	23000	240000	151333
1147	GANGA AT DALMAU (RAI BAREILLY)	UTTAR PRADESH	15.0	25.0	20.7	6.8	9.5	7.8	7.1	8.6	7.9	146	415	281	3.4	4.2	3.8	0.78	1.10	0.85	4600	6300	5300	6800	8700	7775
2498	GANGA AT KALA KANKAR, RAEBARELI	UTTAR PRADESH	16.0	25.0	20.9	6.8	9.0	7.7	7.0	8.6	7.8	149	409	261	3.3	4.0	3.8	0.76	0.98	0.84	4100	6300	4980	6800	8800	7510
1046	AT ALLAHABAD (RASOOLABAD)	UTTAR PRADESH	21.0	29.0	25.6	6.0	9.8	7.2	7.4	8.4	8.0	278	488	387	2.8	6.0	4.2	1.40	1.88	1.71	3000	3500	3358	7000	9000	7750
2487	GANGA AT KADAGHAT, ALLAHABAD	UTTAR PRADESH	21.0	29.5	25.7	6.1	10.1	7.6	7.4	8.4	7.9	266	480	374	2.3	4.8	3.6	1.39	1.85	1.65	2100	3000	2492	3500	6000	4167
1049	AT ALLAHABAD D/S (SANGAM)	UTTAR PRADESH	21.5	30.5	26.2	6.0	9.4	7.2	7.4	8.4	8.0	271	598	450	2.6	5.6	4.0	1.44	1.70	1.61	2800	5000	3408	6000	14000	8583
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	19.0	32.0	27.4	5.9	11.1	8.7	7.6	8.3	8.0	201	537	387	2.3	10.5	3.7	0.00	6.50	1.96	40	700	332	110	5400	1995
2486	GANGA D/S, MIRZAPUR	UTTAR PRADESH	18.0	33.0	27.1	5.1	10.3	7.7	7.3	8.2	7.8	207	555	396	2.9	4.5	3.6	0.00	7.80	2.29	230	7000	2377	490	17000	5708
1070	AT VARANASI U/S (ASSIGHAT)	UTTAR PRADESH	18.0	27.0	22.3	7.5	7.8	7.6	7.5	7.8	7.6	224	266	250	3.7	4.2	3.9				8000	8000	8000	13000	13000	13000
1071	AT VARANASI D/S (MALVIYA BRIDGE)	UTTAR PRADESH	18.5	27.5	22.8	7.0	7.2	7.1	7.9	8.1	8.0	240	290	272	5.2	9.6	8.0				34000	46000	40000	46000	70000	58000
1073	GANGA AT TRIGHAT (GHAZIPUR)	UTTAR PRADESH	19.5	28.5	23.8	7.0	7.4	7.3	7.9	8.2	8.0	232	270	257	4.1	4.4	4.3				13000	13000	13000	17000	21000	19667
1074	GANGA AT BUXAR,BIHAR	BIHAR	16.0	31.0	24.4	7.8	9.0	8.4	7.6	8.5	8.2	287	402	345	2.7	2.8	2.8				1100	9000	3122	2800	16000	6867
2551	GANGA AT BUXAR, RAMREKHAGHAT	BIHAR	16.0	31.0	23.7	7.8	8.7	8.4	7.4	8.6	8.2	310	386	357	2.6	3.0	2.9				5000	9000	7500	16000	24000	22000
1077	GANGA AT KHURJI, PATNA U/S	BIHAR	17.0	32.0	25.1	8.0	8.9	8.4	7.9	8.6	8.2	262	416	327	2.6	2.8	2.7				1300	5000	2767	2400	16000	7044
2556	AT INDRAPURI, DEHRI ON SONE	BIHAR	19.0	29.0	23.2	7.9	8.8	8.3	7.3	8.3	7.8	228	288	259	2.6	2.8	2.7				700	2400	1188	1400	3000	2338
2564	AT CONFL. SONE DORIGANJ, CHAPRA	BIHAR	16.0	25.0	22.3	7.9	9.3	8.5	7.1	8.1	7.7	214	380	298	2.7	2.8	2.8				1100	3000	1922	2200	5000	3933
2552	DARBHANGA GHAT AT PATNA	BIHAR	18.0	31.0	24.1	7.9	8.7	8.4	7.9	8.6	8.3	271	410	334	2.8	3.0	2.9				9000	9000	9000	16000	24000	23111
1079	AT PATNA D/S (GANGA BRIDGE)	BIHAR	18.0	32.0	24.4	7.9	8.7	8.4	8.0	8.6	8.2	292	495	350	2.7	3.0	2.9				3000	9000	5667	9000	24000	18778
2555	GANGA AT PUNPUN, PATNA	BIHAR	19.0	33.0	24.6	6.9	8.0	7.3	7.1	8.7	7.8	312	574	413	2.6	3.0	2.7				1100	3000	1589	2200	9000	3667
2553	GANGA AT FATUHA	BIHAR	18.0	31.0	24.6	8.0	8.8	8.4	8.1	8.7	8.3	282	420	327	2.2											