WATER QUALITY DATA 2010 | CPCB ENVIS

WATER QUALITY OF RIVER GANGA - 2010

														GANG														
STATION	LOCATIONS	TEM	TEMPERATURE °C			D.O. (mg/l)				рН		CONDUCTIVITY (µmhos/cm)		B.O.D. (mg/l)			NITRATE- N (mg/l)			NITRITE- N (n		ng/l)	FECAL COLIFORM (MPN/100ml)		TOTAL COLIFORM (MPN/100ml)			
CODE		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									< 2	500 MPN/10	00ml	< 5000 MPN/100ml		00ml
	BHAGIRATHI AT GANGOTRI	7.0	7.0	7.0	8.4	8.4	8.4	7.8	7.8	7.8	123	123	123	-	-	-							222	1000	1000	4600	27000	17000
	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	4.0	19.4	13.9	4.5	11	8.9	7.2	8.7	7.8	73	172	131	1.0	7.0	2.7							230	4000	1032	4600	37000	17320
	MANDAKINI B/C ALKALNADA AT RUDRAPRAYAG ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	4.5 5.0	19.3 17.4	13.1 13.8	5.4	10.6 10.8	9.6 8.8	7.2 7.2	8.8 8.9	7.8 7.8	63 87	177 184	99 138	0.6	5.6 2.8	2.1							420 230	9000 15000	4710 4103	22000	43000 93000	32500 43500
	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	6.0	22.0	15.0	4.3	10.8	8.8	7.1	8.9	7.8	117	178	146	0.6	5.0	1.6 1.8							420	9000	2700	11000 20000	48000	34000
	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	5.5	22.0	15.0	6.4	10.5	8.8	7.2	8.9	7.8	99	147	119	0.2	4.2	1.7	0.30	0.30	0.30				2	740	343	4000	55000	23250
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	7.0	21.5	15.1	7.8	11.8	9.4	7.1	9.0	7.9	116	172	136	0.2	4.2	2.0	0.30	0.30	0.30				460	4000	1648	15000	75000	34000
1060	GANGA AT RISHIKESH U/S	14.3	26.0	19.0	7.18	10	9.0	7.0	8.9	7.7	85	263	126	0.6	1.8	1.0							4	4	4	3	20	13
2725	GANGA A/C OF RIVER SONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA	20.0	22.8	21.5	7.2	8.8	8.1	7.2	8.4	7.9	201	458	387	1.6	5.1	3.2										300	3200	1750
1061	GANGA AT HARIDWAR D/S	14.3	28.0	21.2	3.6	10	6.3	6.7	8.2	7.5	85	503	230	1.6	15.0	6.7							10	28	20	200	2400	1260
2727	UPPER GANGA RIVER D/S ROORKEE	14.0	23.0	19.6	6.8	9.8	8.6	7.6	8.8	8.0	181	204	194	2.1	3.4	2.8										100	300	200
	GANGA AT GARHMUKTESHWAR, U.P	11.0	25.0	19.8	6.7	10	8.1	7.3	7.6	7.5	185	296	221	3.0	6.0	4.2	0.31	0.90	0.66				400	2800	1517	900	15000	5192
	GANGA U/S, ANOOPSHAHAR				7	8.9	8.0	6.7	8.3	7.7	100	261	152	2.0	3.2	2.7												
	GANGA AT NAPORA (RUI ANDSAHAR) LL R				7.4	8.2	7.9	7.3	8.5	7.9	110	306	160	2.4	3.4	2.9		<u> </u>										1
	GANGA AT NARORA (BULANDSAHAR), U.P. GANGA AT KACHHLA GHAT, ALIGARH			 	7.9 6.9	9 8.3	7.8	6.9	8.6 8.6	7.8 7.9	110 110	410 430	160 172	2.3	3.1	2.8 3.0		 									-	+
	GANGA AT KANNAUJ U/S (RAJGHAT)	14.0	31.0	25.3	5.6	8.9	7.8	7.4	8.4	7.7	25	44	38	3.1	5.5	4.0	0.41	2.77	1.34	0.03	2.10	0.36	400	1500	1058	2100	9300	4700
	GANGA AT KANNAUJ D/S, U.P	14.0	31.0	25.3	5.5	8.7	7.0	7.3	8.3	7.7	27	50	42	4.0	5.6	5.0	0.41	2.88	1.51	0.05	2.25	0.30	900	4000	1667	2800	15000	7067
	GANGA AT BITHOOR (KANPUR), U.P.	14.0	31.0	25.3	5.6	10	7.5	7.3	8.4	7.8	24	48	37	2.4	4.8	3.6	0.38	2.88	1.25	0.03	1.94	0.34	700	1500	1067	2100	6400	3708
	GANGA AT KANPUR U/S (RANIGHAT)	14.0	31.0	25.3	5.5	12	8.1	7.5	8.5	7.9	21	43	36	2.3	4.4	3.3	0.32	2.74	1.49	0.02	1.96	0.31	700	1500	1083	2100	4300	3608
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION), U.P	14.0	31.0	25.3	4.7	9.4	6.3	7.3	8.3	7.7	27	59	47	4.6	7.8	6.1	0.67	2.97	1.86	0.01	2.62	0.38	1500	23000	8558	24000	120000	74167
1147	GANGA AT DALMAU (RAI BAREILLY)	16.0	28.0	22.5	7	8.4	7.5	7.0	8.0	7.3	201	519	394	2.9	3.8	3.5	0.60	0.84	0.77				4600	6300	5367	7000	8300	7858
2498	GANGA AT KALA KANKAR, RAEBARELI	17.0	28.0	23.1	7	8.5	7.5	7.0	8.0	7.3	211	524	400	3.0	3.9	3.5	0.64	0.86	0.79				4600	6300	5375	7300	8500	7967
	GANGA AT ALLAHABAD (RASOOLABAD), U.P.	15.5	29.0	24.5	6.3	10.3	7.7	8.0	8.4	8.3	232	610	445	3.4	6.1	4.4	1.80	2.60	2.05				2600	5000	3367	5000	11000	7417
	GANGA AT KADAGHAT, ALLAHABAD	15.5	29.0	24.6	6.6	10.5	7.8	8.0	8.4	8.3	224	624	445	3.0	5.2	3.9	1.50	2.30	1.87				2100	3400	2758	4000	7000	5083
	GANGA AT ALLAHABAD D/S (SANGAM), U.P.	16.0	29.5	25.0	6.4	9.1	7.3	7.9	8.5	8.3	284	744	536	3.3	5.8	4.6	1.50	3.10	1.90				3300	5000	4017	7000	17000	10000
	GANGA U/S, VINDHYACHAL, MIRZAPUR GANGA D/S, MIRZAPUR	28.0 27.0	30.0 30.0	29.0 28.5				7.9 7.9	8.4 8.2	8.1	414	436 436	425 434	2.3	3.0	2.7 3.1	1.40 3.10	1.60 4.90	1.50 4.00									
	GANGA AT VARANASI U/S (ASSIGHAT)	18.0	29.0	24.4	7.4	8.7	8.0	7.3	7.7	7.5	256	358	309	3.4	4.2	3.9	3.10	4.90	4.00				6300	11000	8730	9400	110000	21340
	GANGA AT VARANASI D/S (MALVIYA BRIDGE), U.P	18.5	29.5	24.9	6.8	7.7	7.3	7.8	8.8	8.3	282	385	337	4.2	10.8	8.9							33000	49000	44400	49000	79000	71000
	GANGA AT TRIGHAT (GHAZIPUR), U.P	19.5	29.0	25.2	7	8.5	7.6	7.7	8.2	7.9	278	354	310	3.8	4.8	4.3							11000	17000	13800	14000	22000	18000
1074	GANGA AT BUXAR,BIHAR	16.0	33.0	24.2	7.9	8.8	8.6	7.3	8.6	8.2	301	390	350	2.7	2.9	2.8	0.40	1.60	0.90				500	3000	1889	1400	9000	4600
2551	GANGA AT BUXAR, RAMREKHAGHAT	17.0	32.0	23.5	7.8	8.7	8.5	7.2	8.4	8.1	314	393	357	2.5	3.0	2.9	0.38	12.0	2.22				3000	9000	7889	12000	24000	21778
2556	GANGA AT INDRAPURI, DEHRI ON SONE	18.0	30.0	24.7	8.1	9.2	8.4	7.2	8.6	7.8	236	278	261	2.4	2.7	2.6	0.58	1.60	1.08				500	1300	911	1400	3000	2389
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ, CHAPRA	12.0	28.0	21.7	7.4	8.8	8.2	7.7	8.2	8.0	204	271	242	2.7	2.8	2.8	0.82	1.86	1.49				1100	1700	1367	2800	9000	4933
1077	GANGA AT KHURJI, PATNA U/S	12.0	33.0	23.7	7.7	9.2	8.5	8.0	8.6	8.3	209	441	357	2.2	2.8	2.6	0.34	1.88	0.93				500	2400	1720	1400	5000	3170
	GANGA DARBHANGA GHAT AT PATNA	18.5	33.4	25.7	7.5	9	8.2	7.8	8.5	8.2	344	446	388	2.1	3.0	2.8	0.30	1.40	0.87				2400	16000	7711	9000	24000	21444
	GANGA AT PATNA D/S (GANGA BDG)	17.5	32.0	25.7	7.7	8.9	8.3	7.6	8.7	8.2	354	445	391	2.5	3.0	2.9	0.16	1.20	0.75				500	9000	4278	9000	24000	15333
	GANGA AT FATULA	17.0	33.0	25.6	6.2	8.8	7.1	7.0	8.5	7.8	324	524	413	2.6	2.9	2.8	0.46	1.40	1.00				500	2400	1333	1700	5000	2744
	GANGA AT FATUHA GANGA AT MOKAMA (U/S)	17.0 12.0	31.0 28.0	25.2 23.7	7.6 7.8	9.2 9.1	8.4 8.5	7.5 7.1	8.3 8.3	8.1	294 276	443 468	360 348	2.7	2.8	2.7	0.36 0.46	1.20 1.06	0.84				1300 1100	3000 5000	2089 1978	3000 2400	9000	5056 3956
	GANGA AT MOKAMA (D/S)	18.0	30.0	24.9	7.0	8.9	8.1	7.6	8.2	8.0	324	455	376	0.9	3.0	2.7	0.46	0.98	0.78				2200	16000	6775	9000	24000	16250
	GANGA AT MUNGER	12.6	25.0	20.2	8	8.8	8.4	7.8	8.2	8.1	318	455	386	2.8	2.9	2.8	0.86	2.40	1.65				1300	5000	2900	2400	16000	7800
	GANGA AT SULTANGANJ, BHAGALPUR	15.0	35.0	24.6	7.1	9	8.3	7.4	8.3	8.0	287	482	361	2.6	2.8	2.7	0.62	0.96	0.76				1100	3000	2033	2200	9000	4678
1819	GANGA AT BHAGALPUR	13.0	27.5	21.5	8.3	8.9	8.5	7.5	8.3	8.0	289	378	321	2.8	2.9	2.9	0.68	1.20	0.93				1700	2400	1933	2800	5000	3767
1816	GANGA AT KAHALGAON	13.0	30.0	23.5	7.4	9.1	8.3	7.7	8.3	8.0	296	455	380	2.7	2.9	2.8	0.64	0.94	0.75				300	5000	1989	3000	9000	7056
1080	GANGA AT BAHARAMPORE	18.0	32.0	27.5	6.2	10.9	7.7	7.7	8.5	8.3	182	365	303	1.2	2.1	1.6	0.23	0.74	0.36				13000	130000	63333	23000	170000	88583
2506	TRIBENI ON GANGA, NEAR BURNING GHAT	18.5	33.5	28.0	6.5	10	7.8	7.6	8.0	7.9	178	386	294	0.8	2.9	1.8	0.01	0.15	0.08				14000	50000	27500	22000	70000	38000
	GANGA AT SERAMPORE	18.0	33.0	28.5	7	9.8	7.9	7.6	8.0	7.8	185	396	300	1.5	2.8	2.1	0.07	0.32	0.14				17000	90000	41750	34000	140000	68500
1053 2511	GANGA AT DAKSHINESHWAR NABADIP ON GANGA,GHOSHPARA NEAR	18.0 20.0	32.0 32.0	27.7	4.7 6.4	9.1 9.5	6.8 7.6	7.5 8.0	8.1 8.5	7.9 8.4	178 157	376 489	298 317	1.2	6.0 1.7	1.4	0.06	0.49	0.24				85000 11000	400000 50000	238333 21250	135000 17000	70000	619583 34750
	MONIPURGHAT													ļ														
	GANGA AT HOWRAH-SHIVPUR	18.0	32.0	27.6	5.2	9.9	6.9	7.8	8.0	7.9	178	377	303	0.7	3.2	2.1	0.27	0.47	0.34				55000	150000	107500	85000	350000	233750
	GANGA AT GARDEN REACH	18.0	31.0	26.9	4.8	8.6	6.2	7.6	8.2	7.9	261	1941	740	1.4	3.0	2.2	0.12	0.55	0.37				150000	250000	200000	250000	550000	400000
	CANCA AT LULIDEDIA MEST DEMONI	400	22.2	~	4 -							E 0 =	225	~ ~		~ ~												51500
1052	GANGA AT ULUBERIA WEST BENGAL GANGA AT PALTA WEST BENGAL	18.0 20.0	32.0 32.0	27.1 27.8	4.7 6	9.6 10.1	6.6 7.4	7.4	8.2 8.6	7.8 8.3	220 175	587 376	325 299	2.0	5.3 2.5	3.2 1.6	0.12	0.61	0.29				11000 50000	30000 170000	19583 87500	70000	130000 220000	51500 125000