

**TABLE 5.5 :- WATER QUALITY OF TRIBUTARY STREAMS DAMODAR, BARAKAR, RUPANARAYAN, DWARAKESHWAR, DWARKA, SILABATI, JALANGI, CHURNI, MATHA BHANGA, KANSI, MAYURKASHI, MAHANANDA, VINDHYADHARI & JUMAR - 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			
<b>WATER QUALITY CRITERIA</b>																										
1331	DAMODAR AT DISHERGARH VILL. (NR. BIHAR- WEST BENGAL BORDER)	WEST BENGAL	19	35	27	6.2	10.5	8.4	6.7	8.4	7.5	160	276	220	1.2	5.6	3.4	0.19	0.52	0.33	200	90000	8000	400	200000	15483
1332	DAMODAR AT D/S OF JISCO AFTER 3RD OUTFALL AT DHENNA	WEST BENGAL	20	35	27	6.5	11.1	8.3	7.1	8.4	7.7	173	337	247	0.4	3.2	1.9	0.18	0.51	0.32	200	2100	708	400	22000	4658
1333	DAMODAR AT NARAINPUR AFTER CONFL. OF NUNIA NALLAH	WEST BENGAL	20	35	27	5.5	10.2	7.9	7.0	8.2	7.7	199	452	292	1.8	6.3	3.2	0.23	0.62	0.36	200	14000	2083	700	90000	13150
1334	DAMODAR NEAR MUJHER MANA VILLAGE AFTER CONF. OF TAMILA NALLAH	WEST BENGAL	19	36	29	5.0	8.8	6.9	7.1	8.7	7.9	286	741	466	3.2	8.0	4.8	0.45	3.69	2.16	400	90000	16825	1700	200000	68808
1335	DAMODAR AT HOOGHLY, DURGACHAK, NEAR PATHIKALI	WEST BENGAL	24	32	29	5.3	8.2	6.7	6.4	7.8	7.3	1717	17910	8396	1.1	6.6	3.0	0.00	0.84	0.35	40000	300000	103333	65000	5000000	646667
2527	DAMODAR AT WATER INTAKE POINT FOR BURDWAN TOWN	WEST BENGAL	23	35	29	5.8	11.2	8.9	7.4	8.6	7.9	212	352	278	1.7	6.7	3.3	0.24	0.48	0.33	200	35000	4942	400	200000	31942
1336	BARAKAR AT ASANSOL (WATER INTAKE POINT)	WEST BENGAL	19	35	27	6.4	10.5	8.1	7.2	8.2	7.8	159	279	210	1.2	4.6	2.8	0.14	0.63	0.33	200	90000	11083	600	200000	25442
2509	D/S OF RUPNARAYAN AT KOLAGHAT, NEAR KOLAGHAT RAIL BRIDGE NO.3	WEST BENGAL	20	32	28	4.4	9.1	6.6	7.1	7.8	7.6	163	3270	914	0.9	5.1	2.4	0.02	0.65	0.32	8000	100000	31333	13000	500000	105583
1337	RUPNARAYAN B/C TO RIVER GANGA NEAR GEONKHALI	WEST BENGAL	20	32	28	5.6	7.9	6.5	6.3	8.0	7.4	303	10430	2518	0.4	2.3	1.3	0.00	0.76	0.37	2000	30000	14750	4000	200000	52250
2541	WATER INTAKE PT FOR BANKURA TOWN ON RIVER DWARAKESHWAR	WEST BENGAL	21	35	29	4.1	11.6	7.8	7.1	8.4	7.9	185	677	311	0.5	4.5	1.7	0.08	0.33	0.20	4	35000	3491	8	200000	21726
2531	D/W OF FARAPITH ON RIVER DWARKA AT SAADHAK BAMDEB GHAT	WEST BENGAL	16	35	28	1.0	10.3	6.5	7.2	8.7	7.7	173	917	400	3.3	10.8	6.0	0.20	1.06	0.62	400	90000	30342	700	200000	64967
2532	D/S OF TARAPITH ON RIVER DWARKA, SATIGHAT	WEST BENGAL	16	36	28	6.3	14.8	9.1	7.2	8.9	7.8	142	904	416	1.6	19.5	7.0	0.22	0.97	0.60	200	90000	14550	700	200000	54383
2508	D/S OF SILABATI AT GHATAL,	WEST BENGAL	20	33	28	5.1	8.6	6.9	7.0	7.9	7.5	121	279	181	0.9	3.4	2.1	0.00	0.60	0.23	2000	30000	11750	4000	50000	25083
2514	JALANGI, D/S OF KRISHNA NAGAR	WEST BENGAL	21	34	28	3.4	11.0	7.1	7.1	8.4	7.7	211	551	392	1.6	7.3	3.3	0.00	0.78	0.41	1700	100000	34225	2300	200000	62942
1764	CHURNI D/S OF SANTIPUR TOWN	WEST BENGAL	22	34	29	2.7	6.8	4.7	7.2	8.1	7.7	226	653	469	1.4	11.7	4.0	0.00	1.28	0.64	8000	300000	74167	13000	500000	114833
2518	CHURNI, MAIHADIA	WEST BENGAL	22	33	29	0.5	5.8	3.0	6.9	8.4	7.5	210	650	493	2.1	10.0	5.7	0.00	1.13	0.60	14000	2000000	513083	22000	3000000	695167
2517	MATHA BHANGA, GOBINDAPUR	WEST BENGAL	22	33	29	0.3	4.6	2.3	6.8	8.3	7.6	207	651	494	1.9	19.8	7.6	0.00	0.99	0.49	27000	5000000	1068917	34000	9000000	1744500
2534	WATER INTAKE POINT FOR SURI TOWN ON RIVER WAYURAKSHI	WEST BENGAL	15	33	27	5.5	9.6	7.5	7.3	8.6	7.8	135	199	154	0.7	4.6	2.3	0.08	0.25	0.17	200	7000	1175	400	14000	3083
2507	D/S OF KANSI AT MIDNAPORE, NEAR NEW HANUMAN MANDIR, GANDHIGHAT	WEST BENGAL	22	38	30	7.4	11.0	8.8	6.9	7.9	7.5	124	272	200	1.3	4.3	2.5	0.00	0.37	0.08	2000	50000	19167	4000	100000	66333
1946	MAHANANDA AT SILIGURI	WEST BENGAL	21	30	26	6.0	7.9	6.8	6.8	8.1	7.3	131	211	166	0.5	5.2	3.0	0.10	1.26	0.42	4000	100000	21417	11000	200000	75917
2525	MAHANANDA D/S, RAMGHAT	WEST BENGAL	17	29	24	4.9	9.5	7.1	6.9	8.7	7.7	89	349	159	0.6	5.7	3.4	0.01	1.62	0.47	4000	900000	173750	8000	2000000	494000
2572	MAHANANDA AT THAKURGANGU, KISHANGANU ROAD BRIDGE	BIHAR	16	29	24	6.5	7.9	7.4	7.6	7.9	7.8	260	377	301	2.1	2.8	2.6				500	1400	970	1700	3000	2280
2549	D/S OF VINDYADHARI RIVER AT HAROA BRIDGE	WEST BENGAL	19	32	27	0.6	2.2	1.4	7.4	8.3	7.7	972	7310	3352	3.3	11.8	7.1	0.04	3.06	1.06	11000	300000	73167	17000	2000000	222833
2550	D/S OF VINDYADHARI RIVER AT MALANCHI BURNING GHAT	WEST BENGAL	20	32	27	0.6	3.9	1.7	7.2	8.1	7.6	2050	29500	9813	2.0	10.1	5.5	0.13	2.33	0.82	4000	100000	44667	7000	200000	83000
2396	JUMAR AT KANKE DAM	JHARKHAND	19	32	27	5.2	8.9	7.5	6.0	8.0	7.0	311	646	408	1.2	5.2	3.8				90	250	157	640	1500	984