

TABLE 1 :- WATER QUALITY OF RIVER BEAS (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1002	BEAS AT D/S KULU, H.P.	HIMACHAL PRADESH	5.0	14.0	7.4	9.8	7.8	8.2	79	219	0.1	0.4	0.30	1.08	25	63	220	540
1003	BEAS AT D/S AUT, H.P.	HIMACHAL PRADESH	5.0	15.0	7.3	11.0	7.6	8.4	84	167	0.1	1.6	0.30	1.13	2	34	2	280
1004	BEAS AT U/S PANDON DAM, H.P.	HIMACHAL PRADESH	9.0	25.0	8.3	11.3	7.3	8.5	69	232	0.1	0.3	0.30	0.98	17	33	130	240
1005	BEAS AT EXIT OF TUNNEL DEHAL POWER HOUSE, H.P.	HIMACHAL PRADESH	8.0	22.0	8.5	11.6	7.9	8.4	100	304	0.1	0.4	0.30	0.44	21	34	130	350
1006	BEAS AT D/S MANDI, H.P.	HIMACHAL PRADESH	10.0	26.0	6.9	12.0	7.7	8.3	93	310	0.1	0.4	0.30	0.71	20	43	170	430
1007	BEAS AT D/S ALAMPUR, H.P.	HIMACHAL PRADESH	10.0	19.0	7.2	8.7	6.9	8.3	138	402	0.1	0.8	0.10	1.47	2	7	79	210
1008	BEAS AT D/S DEHRAGOPIPUR, H.P.	HIMACHAL PRADESH	12.0	18.0	6.7	8.7	7.2	8.4	141	448	0.1	0.8	0.28	2.34	2	6	70	220
1009	BEAS AT D/S PONG DAM, H.P.	HIMACHAL PRADESH	11.0	18.0	6.9	8.8	6.9	8.2	153	528	0.1	0.4	0.18	2.77	2	6	63	220
1550	U/S MANDI, H.P	HIMACHAL PRADESH	9.0	24.0	7.2	10.8	7.6	8.3	79	218	0.1	0.1	0.30	0.73	13	27	110	210
2601	BEAS AT D/S MANALI	HIMACHAL PRADESH	4.0	12.0	5.2	10.5	7.6	8.5	86	162	0.1	0.4	0.30	0.84	21	94	210	430
2602	BEAS AT U/S KULLU	HIMACHAL PRADESH	5.0	14.0	7.4	9.9	7.8	8.3	87	734	0.1	0.3	0.30	0.99	21	43	150	430
2603	BEAS AT D/S PANDOH DAM	HIMACHAL PRADESH	9.0	25.0	6.7	11.4	7.0	8.4	73	222	0.1	0.4	0.30	0.98	21	43	150	280
2604	BEAS AT D/S JAISINGHPUR	HIMACHAL PRADESH	10.0	19.0	7.0	8.7	6.9	8.3	139	406	0.2	0.7	0.25	1.29	2	6	79	280
3855	RIVER BEAS D/S NADAUN BRIDGE, VILL BHADOLI	HIMACHAL PRADESH	12.0	18.0	6.5	8.7	7.4	8.5	151	493	0.1	0.6	0.11	2.61	2	6	79	280

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					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1010	BEAS AT MIRTHAL BRIDGE, GURDASPUR, PUNJAB	PUNJAB	12.0	36.0	7.3	7.8	7.2	8.2	200	356	1.0	1.4	0.40	1.50	70	220	110	280
1011	BEAS AT G.T. ROAD UNDER BDG. NEAR KAPURTHALA, PUNJA	PUNJAB	12.0	36.0	7.1	7.7	7.3	7.9	198	272	1.2	1.6	0.80	1.40	110	460	220	630
1012	BEAS AT 100M D/S INDUST. DISCH. GOINDWAL PUNJAB	PUNJAB	13.0	39.0	7.0	8.3	7.2	7.9	180	299	1.2	1.7	0.90	1.40	79	360	170	630
1294	BEAS AT 1KM.D/S OF EFFL. DISH. POINT AT MUKERIAN ,	PUNJAB	13.0	36.0	6.8	7.4	7.2	8.0	224	310	1.6	2.5	0.90	1.80	130	610	280	3500
1693	BEAS AT TALWARA H/W, PUNJAB	PUNJAB	12.0	27.0	7.5	8.1	7.2	7.8	186	266	0.0	1.1	0.30	0.80	33	79	70	110
1694	U/S PATHANKOT, PUNJAB	PUNJAB	13.0	33.0	7.0	7.9	7.0	8.3	196	268	0.0	1.4	0.50	1.40	70	230	110	460
1695	D/S PATHANKOT, PUNJAB	PUNJAB	13.0	35.0	6.6	7.6	7.1	8.0	218	290	1.1	2.0	0.80	1.80	70	460	120	630
1696	U/S GOINDWAL, PUNJAB	PUNJAB	14.0	39.0	7.4	7.9	7.2	8.0	188	270	1.1	1.5	0.80	1.40	79	280	140	580
1697	BEAS AT HARIKE, PUNJAB	PUNJAB	12.0	32.0	6.7	8.3	7.3	7.9	220	282	1.2	1.9	0.70	1.40	110	430	220	630
2913	KALI BEIN FALLING INTO RIVER BEAS, PUNJAB	PUNJAB	13.0	29.0	4.1	6.3	7.0	7.8	285	565	1.7	6.0	1.30	1.90	460	1700	940	3900
4164	BEAS RIVER, NR VILL KIRI AFGHANA, TEHSIL BATALA	PUNJAB	15.0	37.0	7.1	7.4	7.3	7.9	259	340	1.3	1.9	0.90	1.70	350	790	540	1400
4165	BEAS RIVER, NR VILL KIRI AFGHANA, TEHSIL BATALA	PUNJAB	26.0	27.0	4.5	6.4	7.7	8.7	990	2300	0.7	2.4	2.46	3.14	3	4	4	11

TABLE 2:- WATER QUALITY OF RIVER SUTLEJ (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2611	SUTLEJ AT KHAB	HIMACHAL PRADESH	7.0	13.0	9.4	10.1	7.4	8.5	102	297	0.3	1.6	0.30	1.58	4	17	12	46
1389	SUTLEJ AT NEPTHA ZAKHAI, H.P	HIMACHAL PRADESH	8.0	16.0	8.8	9.6	6.8	8.5	98	199	0.2	2.1	0.30	13.50	14	39	32	220
1086	SUTLEJ AT U/S RAMPUR, H.P.	HIMACHAL PRADESH	9.0	18.0	8.0	9.6			95	200	0.1	2.0	0.08	13.10	6	84	17	220
1087	SUTLEJ AT D/S RAMPUR, H.P.	HIMACHAL PRADESH	9.0	18.0	8.0	9.6	7.2	8.5	56	217	0.2	1.8	0.06	7.07	12	110	33	540
1013	SUTLEJ AT U/S TATAPANI, H.P.	HIMACHAL PRADESH	10.0	20.0	8.0	9.0	7.0	8.6	103	238	0.2	1.6	0.09	1.63	7	94	20	350
1014	SUTLEJ AT U/S SLAPPER, H.P.	HIMACHAL PRADESH	11.0	23.0	9.6	12.1	7.5	8.5	117	317	0.1	0.1	0.00	0.68	12	27	120	240
1015	SUTLEJ AT D/S SLAPPER, H.P.	HIMACHAL PRADESH	12.0	23.0	9.8	11.9	7.9	8.4	114	315	0.1	0.2	0.00	0.61	0	38	1	350
1016	SUTLEJ AT D/S BHAKHRA, H.P.	HIMACHAL PRADESH	3.0	19.0	6.4	8.6	7.2	8.1	190	265	0.1	0.4	0.33	1.41	2	6	70	350
1017	SUTLEJ AT 100M U/S OF HEADWORKS, NANGAL, PUNJAB	PUNJAB	16.0	25.0	7.9	8.7	7.4	8.1	215	298	0.2	1.0	0.40	0.60	30	110	170	320
1018	SUTLEJ AT 100M D/S, NANGAL, PUNJAB	PUNJAB	16.0	23.0	7.6	8.5	7.3	8.0	232	312	1.0	1.0	0.40	0.80	43	180	150	490
1293	SUTLEJ AT 1 KM. D/S OF ZENITH, PUNJAB	PUNJAB	15.0	26.0	7.0	8.7	7.1	8.2	287	460	1.0	1.6	0.40	1.00	200	1100	630	2100
1814	SUTLEJ AT D/S KIRATPUR SAHIB, PUNJAB	PUNJAB	16.0	25.0	7.4	8.4	7.7	8.2	246	403	1.0	1.0	0.40	1.20	140	680	490	1200
1019	SUTLEJ AT U/S HEAD WORKS ROPAR, PUNJAB	PUNJAB	15.0	24.0	7.6	8.8	7.1	8.2	253	373	1.0	1.0	0.20	0.80	170	680	550	1400

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					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1380	SUTLEJ AT D/S NFL, PUNJAB	PUNJAB	17.0	30.0	7.4	8.4	7.5	8.2	264	351	1.0	1.0	0.40	2.65	46	170	210	480
1690	U/S BUDHA NALLAH (UPPER), PUNJAB	PUNJAB	16.0	30.0	6.2	7.2	7.1	8.2	317	548	1.0	4.0	0.60	1.40	400	2100	1500	3900
1020	SUTLEJ AT 100M D/S BUDHA NALA CONFL., LUDHIANA	PUNJAB	18.0	31.0	1.4	4.6	7.1	7.8	611	1787	14.0	115.0	1.29	8.00	110000	310000	310000	700000
1021	SUTLEJ AT BOAT BDG. DHARMKOTNAKODAR ROAD, JALANDHA	PUNJAB	13.0	30.0	3.0	7.0	7.0	7.8	348	1240	1.0	75.0	0.80	3.00	11000	170000	35000	390000
1381	SUTLEJ AT D/S EAST BASIN, PUNJAB	PUNJAB	13.0	32.0	3.0	7.5	7.1	7.9	382	1012	4.8	30.0	1.10	1.70	2300	35000	4900	54000
1691	U/S HUSSANIWALA - H/W FEROPUR, PUNJAB	PUNJAB	14.0	29.0	4.9	8.0	7.2	8.3	257	480	1.0	1.9	0.40	1.00	180	930	820	2200
1692	D/S HUSSANIWALA - H/W FEROPUR, PUNJAB	PUNJAB	15.0	30.0	4.7	8.0	7.4	8.1	270	463	1.0	2.0	0.50	1.00	200	920	830	2100
1022	SUTLEJ AT BRIDGE HARIKE, AMRITSAR, PUNJAB	PUNJAB	11.0	34.0	4.1	7.0	7.3	8.1	261	500	2.0	6.0	0.80	1.50	1100	22000	2200	28000
2915	100 MT. D/S OF PAUL, NANGAL, PUNJAB	PUNJAB	18.0	30.0	7.4	8.3	7.4	8.2	262	386	1.0	1.0	0.50	2.19	49	180	210	490

TABLE - 2.1: - WATER QUALITY OF TRIBUTARY STREAMS RAVI, CHUNT KOL, PARVATI, LARGI, SIRSA, SWAN, SIUEL, SUKETIKHAD, BINWA, NEUGAL, SPITI & BASPA IN HIMACHAL PRADESH AND PUNJAB - 2018

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1307	CHUNT KOL (MAULANA AZAD BRIDGE), J&K	JAMMU & KASHMIR	9.0	28.0	1.4	6.0	7.3	8.0	273	575	5.0	11.3							
2614	RAVI AT CHAMERA RESERVOIR	HIMACHAL PRADESH	8.0	13.0	8.5	8.7	7.1	8.2	106	222	0.1	0.4	0.29	0.99	2	6	63	350	
2615	RAVI AT D/S CHAMERA III HEP	HIMACHAL PRADESH	7.0	10.0	8.7	8.9	7.4	7.8	110	200	0.1	0.6	0.28	1.11	2	7	94	170	
2613	RAVI AT D/S OF CHAMBA TOWN	HIMACHAL PRADESH	7.0	10.0	8.5	8.8	7.1	8.0	119	1642	0.1	0.4	0.42	1.58	2	6	70	220	
1097	RAVI AT U/S OF MADHOPUR HEADWORKS, GURDASPUR, PUNJ	PUNJAB	12.0	29.0	7.2	8.6	7.4	7.9	160	210	0.0	1.0	0.20	0.90	43	63	70	120	
1290	PARVATI BEFORE CONF. TO RIVER BEAS, H.P.	HIMACHAL PRADESH	4.0	12.0	6.5	10.5	7.3	8.7	67	360	0.1	0.2	0.20	1.00	21	34	130	240	
2605	PARVATI AT U/S MANIKARAN	HIMACHAL PRADESH	1.0	12.0	6.0	10.8	6.8	8.5	52	150	0.1	0.1	0.20	1.01	11	17	79	130	
2606	PARVATI AT D/S MANIKARAN	HIMACHAL PRADESH	2.0	12.0	6.5	10.7	6.7	8.3	45	172	0.1	0.1	0.20	0.94	11	22	130	170	
1090	LARGI AT D/S, H.P.	HIMACHAL PRADESH	6.0	15.0	7.3	12.0	7.7	8.5	56	237	0.1	0.2	0.20	1.13	11	34	150	280	
1551	RIVER SIRSA , U/S SITOMAJRI NALLAHGARH, H.P	HIMACHAL PRADESH	20.0	28.0	5.2	7.2	7.2	8.1	424	1949	0.1	4.8	0.20	8.75	2	25	20	150	

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					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1552	RIVER SIRSA , D/S NALAGARH BRIDGE, H.P	HIMACHAL PRADESH	19.0	30.0	4.2	6.9	7.3	8.8	432	2230	1.8	12.0	0.23	14.86	13	33	43	220
1868	RIVER SIRSA AT D/S NALAGARH DISTT. SOLAN, H.P.	HIMACHAL PRADESH	19.0	26.0	3.7	6.8	7.3	8.5	15	2970	1.2	12.0	0.22	9.75	17	94	40	220
1869	RIVER SWAN AT D/S NANGAL DISTT. UNA, H.P.	HIMACHAL PRADESH	5.0	23.0	6.0	7.8	7.6	8.5	205	549	0.2	0.8	0.28	1.67	2	7	63	350
2616	SIUEL AT D/S SURGANI	HIMACHAL PRADESH	7.0	12.0	8.7	8.9	7.0	7.7	110	223	0.2	0.4	0.22	0.87	2	7	70	350
2607	SUKETI KHAD AT D/S MANDI	HIMACHAL PRADESH	13.0	26.0	5.7	10.7	7.8	8.6	141	389	0.1	0.7	0.20	1.64	31	120	280	920
2608	BINWA AT D/S PAPROLA/BAIJNATH	HIMACHAL PRADESH	11.0	17.0	7.3	8.9	6.8	8.0	53	1238	0.2	0.3	0.40	1.69	2	6	70	210
2609	NEUGAL AT D/S THURAL	HIMACHAL PRADESH	11.0	18.0	7.3	7.9	7.3	8.5	89	393	0.1	0.4	0.24	1.80	2	6	63	220
2610	SPLITI AT KHAB	HIMACHAL PRADESH	7.0	13.0	9.5	10.0	7.3	8.5	104	292	0.2	1.7	0.09	1.27	4	26	9	84
2612	BASPA AT U/S RESERVOIR BASPA PROJECT	HIMACHAL PRADESH	7.0	14.0	9.1	10.0	7.0	8.6	63	230	0.1	1.5	0.20	0.70	9	33	43	280

**TABLE - 2.2: - WATER QUALITY OF TRIBUTARY STREAMS GAWKADAL, JHELUM,
LIDDER NALLAH & SINDH IN JAMMU & KASHMIR - 2018**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1306	GAWKADAL, SRG (SHERGHARI, SRG), J&K	JAMMU & KASHMIR	7.0	29.0	4.0	8.2	7.5	8.0	190	359	1.9	4.2		
1304	JHELUM AT ANANTNAG D/S, J&K	JAMMU & KASHMIR	9.0	24.0	4.6	9.7	7.5	7.9	219	391	2.0	5.2		
1410	JHELUM AT DALAGATE (INLET), SRINAGAR, J&K	JAMMU & KASHMIR	8.0	26.0	4.8	9.3	7.5	8.0	187	332	2.4	3.9		
1411	JHELUM AT CHATTABAL WEIR (OUTLET), J&K	JAMMU & KASHMIR	7.0	25.0	4.7	9.0	7.4	7.9	197	355	1.3	3.8		
3272	RIVER JHELUM AT VERINAG	JAMMU & KASHMIR	10.0	20.0	7.2	9.0	7.4	8.2	193	305	0.4	1.0		
3273	RIVER JHELUM AT SANGAM, CONFLUENCE POINT OF VISHAV	JAMMU & KASHMIR	9.0	24.0	5.1	9.8	7.4	7.7	163	317	2.1	25.4		
3276	JHELUM RIVER AT SPORE, CONFLUENCE POINT OF WULAR LAKE	JAMMU & KASHMIR	6.0	25.0	4.5	9.0	7.5	8.1	130	343	1.3	2.8		
3277	JHELUM RIVER AT BARAMULLA D/S	JAMMU & KASHMIR	7.0	25.0	4.5	8.8	7.4	8.0	153	340	1.5	3.5		
3274	JHELUM RIVER AT AWANTIPORA	JAMMU & KASHMIR	9.0	24.0	5.8	9.3	7.2	7.8	161	318	1.6	3.0		
3275	JHELUM RIVER AT PAMPORE	JAMMU & KASHMIR	8.0	24.0	4.5	9.5	7.3	7.8	162	341	1.7	2.5		
2755	BANGANGA (BATHING GHAT), KATRA, J&K	JAMMU & KASHMIR	14.0	24.0	5.2	7.9	7.8	8.5	390	835	1.8	2.6	0.19	5.82

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					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2756	BANGANGA (IN FRONT OF PONY SHED NEAR REASI BRIDGE)	JAMMU & KASHMIR	14.0	25.0	4.8	8.0	8.1	8.4	380	692	2.0	5.7	0.26	6.91
2752	SAMBA (BELOW NH-1A BRIDGE), BASANTAR US (R.H.S)	JAMMU & KASHMIR	15.0	27.0	6.2	8.8	8.4	8.8	408	480	1.8	2.2	0.01	2.37
2753	SAMBA (AT CHAK MANGA GUJJAR BASANTAR)D/S(R.H.S.),	JAMMU & KASHMIR	15.0	27.0	5.0	8.0	7.4	8.4	384	4704	2.4	4.6	0.01	0.14
2748	L.H.S.(BELOW BRIDGE CHENAB), J&K	JAMMU & KASHMIR	7.0	16.0	8.0	9.0	7.6	7.9	130	219	0.0	1.9	0.01	0.54
2749	BLIND CURVE SHAMSHAN GHAT (1.5 KM U/S FROM SPOT),	JAMMU & KASHMIR	7.0	16.0	8.0	9.3	7.6	8.0	132	217	0.0	1.8	0.02	0.55
2750	CHADRA GAON VIEW POINT(4 KM U/S FROM SPOT), J&K	JAMMU & KASHMIR	7.0	16.0	7.4	9.4	7.5	7.9	130	224	0.0	1.8	0.02	0.67
2751	JAL PATAN MANDIR AFTER MEETING WITH MAIN DRAIN	JAMMU & KASHMIR	7.0	16.0	6.9	8.3	7.5	8.1	140	224	1.0	2.4	0.03	6.45
2754	RIVER DEVAK UDHAMPUR(NEAR SHIV MANDIRD/S)L.H.S.	JAMMU & KASHMIR	15.0	24.0	5.6	8.3	7.4	8.3	420	630	6.0	10.4	0.04	4.19
2757	RIVER DEVAK AT UTTERBEHNI, J&K	JAMMU & KASHMIR	15.0	24.0	5.6	8.0	7.4	8.1	380	470	1.4	2.2	0.30	4.30

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3278	LIDDER NALLAH AT LARIPORA	JAMMU & KASHMIR	3.0	16.0	7.2	11.0	7.3	8.2	47	243	0.4	0.8		
3279	LIDDER NALLAH AT CLUB PARK	JAMMU & KASHMIR	5.0	16.0	7.4	10.8	7.4	8.2	125	230	0.5	1.0		
3280	LIDDER NALLAH AT BUS ADDA	JAMMU & KASHMIR	4.0	15.0	7.4	11.1	7.3	8.1	132	237	0.7	1.3		
3281	LIDDER NALLAH AT YANEER, D/S OF PHALGUM	JAMMU & KASHMIR	3.0	16.0	7.5	10.5	7.4	8.5	76	171	0.5	1.2		
3282	LIDDER NALLAH NERA BUMZOO, ANANTNAG	JAMMU & KASHMIR	3.0	17.0	7.5	11.0	7.5	8.6	97	227	0.9	1.2		
3283	SINDH RIVER AT SONAMARG U/S	JAMMU & KASHMIR	4.0	12.0	7.8	10.5	7.4	8.1	245	399	0.4	0.9		
3284	SINDH RIVER AT SONAMARG D/S	JAMMU & KASHMIR	3.0	12.0	7.8	9.2	7.4	8.1	228	405	0.5	0.9		
3285	SINDH RIVER AT WAIL BRIDGE	JAMMU & KASHMIR	3.0	16.0	7.2	9.7	7.3	8.2	159	302	0.7	1.3		
3286	SINDH RIVER AT DUDERHAMA	JAMMU & KASHMIR	6.0	26.0	7.3	9.8	7.3	8.1	165	345	1.0	2.0		
3287	SINDH RIVER AT RANGIL, SRINAGAR	JAMMU & KASHMIR	3.0	17.0	6.5	10.2	7.4	8.4	161	339	0.5	1.6		
2742	SHETALI LIFTING POINT NAGROTA(5KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	13.0	22.0	6.5	8.2	7.6	8.4	190	380	1.0	1.1	0.01	1.02
2743	BAGH-E-BAHU LIFTING POINT(1 KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	14.0	22.0	7.2	9.2	8.0	8.4	220	420	1.0	3.2	0.03	0.08
2744	BELOW TAWI BRIDGE, J&K	JAMMU & KASHMIR	14.0	22.0	6.3	7.2	8.3	8.6	280	437	1.7	6.0	0.02	5.53

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2746	BELICHARANA(4KM D/S TAWI BRIDGE), J&K	JAMMU & KASHMIR	15.0	23.0	7.0	7.9	8.0	8.3	260	467	1.2	8.2	0.03	0.45
2745	BAGHWATI NAGAR (2KM D/S TAWI BRIDGE), J&K	JAMMU & KASHMIR	15.0	15.0	8.1	8.1	8.3	8.3	490	490	1.0	1.0	0.04	0.04
2742	SHETALI LIFTING POINT NAGROTA(5KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	13.0	22.0	6.5	8.2	7.6	8.4	190	380	1.0	1.1	0.01	1.02
2743	BAGH-E-BAHU LIFTING POINT(1 KM U/S TAWI BRIDGE)	JAMMU & KASHMIR	14.0	22.0	7.2	9.2	8.0	8.4	220	420	1.0	3.2	0.03	0.08
2744	BELOW TAWI BRIDGE, J&K	JAMMU & KASHMIR	14.0	22.0	6.3	7.2	8.3	8.6	280	437	1.7	6.0	0.02	5.53
2745	BAGHWATI NAGAR (2KM D/S TAWI BRIDGE), J&K	JAMMU & KASHMIR	15.0	15.0	8.1	8.1	8.3	8.3	490	490	1.0	1.0	0.04	0.04
2746	BELICHARANA(4KM D/S TAWI BRIDGE), J&K	JAMMU & KASHMIR	15.0	23.0	7.0	7.9	8.0	8.3	260	467	1.2	8.2	0.03	0.45
2747	SURAJPUR CHATHA(10 KM D/S TAWI BRIDGE)BELOW BRIDGE	JAMMU & KASHMIR	14.0	23.0	6.8	8.0	7.9	8.3	250	448	1.0	2.6	0.04	0.41
2758	RIVER UJH AT DAM SITE(L.H.S.), KATHUA, J&K	JAMMU & KASHMIR	10.0	24.0	7.6	8.7	7.6	8.4	187	345	0.8	1.4	0.30	1.03

TABLE - 3: WATER QUALITY OF RIVER GANGA (2018)

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1491	BHAGIRATHI AT GANGOTARI	UTTARAKHAND	-	-	8.8	8.8	7.1	7.1	110	110	BDL	BDL	0.55	0.55	7	7	170	170
1485	MANDAKINI B/C ALAKNADA AT RUDRAPRAYAG	UTTARAKHAND	15.0	19.0	9.0	9.6	7.0	8.0	100	100	BDL	1.0	0.30	0.30	450	450	2	4900
1484	ALAKNANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	15.0	19.0	8.8	9.4	7.1	7.9	151	151	BDL	1.0	0.10	0.30	2300	2300	2	7000
1486	ALAKNANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	15.0	18.0	8.6	9.8	7.2	8.1	145	145	1.0	1.0	-	-	780	780	2	24000
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	UTTARAKHAND	16.0	18.0	8.2	9.6	7.2	8.2	154	154	BDL	1.0	0.20	0.20	36	36	2	630
1487	ALAKNANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	16.0	19.0	8.6	9.4	7.2	8.1	145	145	BDL	1.0	0.30	0.30	780	780	2	24000
1489	ALAKNANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	16.0	19.0	9.0	9.6	7.2	8.0	152	152	BDL	1.0	0.20	0.20	490	490	2	2400
20048	SWARG-ASHRAM -1	UTTARAKHAND	-	-	-	-	7.3	7.6	-	-	8.0	12.0	-	-	-	-	-	-
1060	GANGA AT RISHIKESH U/S	UTTARAKHAND	16.0	22.0	9.6	10.4	7.3	7.8	-	-	1.0	1.0	-	-	-	-	26	70
20049	LAKKAR GHAT- OXIDATION PONDS	UTTARAKHAND	-	-	-	-	7.7	7.9	-	-	30.0	36.0	-	-	-	-	-	-
10147	RIVER GANGA D/S RISHIKESH	UTTARAKHAND	16.0	21.0	9.2	9.8	7.4	7.9	-	-	1.0	1.0	-	-	-	-	40	110

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2725	GANGA AT A/C OF RIVER SONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA, DEHRADUN	UTTARAKHAND	16.0	22.0	8.4	9.4	7.5	7.9	-	-	1.0	1.2	-	-	-	-	110	350
10148	RIVER GANGA AT HAR KI PAURI GHAT	UTTARAKHAND	16.0	21.0	8.8	10.0	7.4	8.4	-	-	1.0	1.0	-	-	-	-	60	170
1061	GANGA AT HARIDWAR D/S	UTTARAKHAND	16.0	21.0	8.6	10.6	7.7	8.3	-	-	1.0	1.2	-	-	-	-	220	350
20050	JAGJITPUR	UTTARAKHAND	-	-	-	-	7.2	8.2	-	-	8.8	12.0	-	-	-	-	-	-
2727	UPPER GANGA RIVER D/S ROORKEE	UTTARAKHAND	16.0	20.0	8.2	9.6	7.6	8.3	-	-	1.0	1.0	-	-	-	-	110	220
10150	MADHYA GANGA BARRAGE, BIJNORE	UTTAR PRADESH	-	-	8.6	9.3	7.1	7.6	80	192	0.9	1.9	-	-	-	-	-	-
1062	GANGA AT GARHMUKTESHWAR	UTTAR PRADESH	18.0	27.0	7.1	9.1	6.8	7.8	180	257	2.1	3.2	0.50	0.62	220	420	410	630
10149	GHARMUKTESHWAR	UTTAR PRADESH	18.0	34.0	7.4	9.4	7.0	7.5	160	259	2.0	3.0	0.50	0.60	110	310	370	550
2488	GANGA U/S, ANOOPSHAHAR	UTTAR PRADESH	16.0	25.0	7.2	9.8	7.1	7.5	230	242	1.6	2.8	0.54	0.64	220	350	410	550
2489	GANGA D/S, ANOOPSHAHAR	UTTAR PRADESH	18.0	25.0	7.0	10.3	7.3	7.6	230	244	1.4	3.0	0.42	0.56	210	310	410	550
1145	GANGA AT NARORA (BULANDSAHAR)	UTTAR PRADESH	2.0	24.0	7.0	10.2	7.2	7.6	224	240	1.6	2.9	0.45	0.72	210	410	350	650
2490	GANGA AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	16.0	25.0	7.1	10.3	7.0	7.6	230	238	1.4	3.1	0.44	0.58	150	270	350	550
10151	FARRUKABAD	UTTAR PRADESH	19.0	33.0	6.5	10.4	7.6	8.4	185	309	2.2	2.7	-	-	1300	2100	2200	3100
1063	GANGA AT KANNAUJ U/S (RAJGHAT)	UTTAR PRADESH	14.0	33.0	6.0	11.6	7.6	8.7	218	447	2.9	4.6	-	-	2000	3300	3300	4600
1066	GANGA AT KANNAUJ D/S	UTTAR PRADESH	14.0	33.0	5.8	11.2	7.6	8.8	209	503	3.3	5.0	-	-	2100	3400	4000	5600

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1146	GANGA AT BITHOOR (KANPUR)	UTTAR PRADESH	15.0	32.0	6.7	11.6	7.8	8.7	202	413	2.8	3.8	-	-	2000	3100	3500	5200
1067	GANGA AT KANPUR U/S (RANIGHAT)	UTTAR PRADESH	15.0	32.0	6.0	11.6	7.7	8.6	216	434	3.1	4.2	-	-	2200	3400	4000	5800
10154	BATHING GHAT (BHARAOGHAT)	UTTAR PRADESH	15.0	32.0	6.4	11.5	7.7	8.6	208	428	3.0	4.0	-	-	2100	3300	3800	5600
10155	D/S SHUKLAGANJ	UTTAR PRADESH	15.0	32.0	5.7	11.3	7.7	8.5	220	442	3.4	4.8	-	-	2700	4300	4600	6300
1068	GANGA AT KANPUR D/S (JAJMAU PUMPING STATION)	UTTAR PRADESH	15.0	32.0	2.8	10.3	7.5	8.4	242	548	4.2	8.5	-	-	22000	58000	28000	110000
10157	BATHING GHAT, JAJMAU BRIDGE	UTTAR PRADESH	15.0	32.0	4.5	10.8	7.6	8.5	224	476	3.6	6.8	-	-	4700	13000	7000	21000
1147	GANGA AT DALMAU (RAI BAREILLY)	UTTAR PRADESH	17.0	26.0	7.9	10.0	7.7	8.1	183	451	3.5	4.5	0.76	0.96	4700	6100	6800	8600
2498	GANGA AT KALA KANKAR, RAEBARELI	UTTAR PRADESH	17.0	26.0	8.0	10.0	7.7	8.0	181	442	3.2	4.4	0.74	0.92	4700	5900	7000	8300
1046	GANGA AT ALLAHABAD (RASOOLABAD)	UTTAR PRADESH	18.0	31.0	7.5	10.3	7.7	8.5	189	293	2.6	4.8	1.37	1.75	2300	17000	7900	32000
2487	GANGA AT KADAGHAT, ALLAHABAD	UTTAR PRADESH	18.4	33.0	7.4	9.9	6.1	8.6	186	282	2.9	4.9	1.57	1.79	3100	17000	8400	34000
1049	GANGA AT ALLAHABAD D/S (SANGAM)	UTTAR PRADESH	18.5	32.0	7.3	9.8	7.5	8.4	204	383	2.7	4.6	1.58	1.97	2400	21000	8400	33000
10158	RIVER GANGA A/C TAMSA, SIRSA, SON BARSA	UTTAR PRADESH	19.0	33.0	7.5	9.5	7.6	8.7	221	332	2.6	3.8	1.30	1.86	2300	11000	7000	22000
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	19.0	27.0	6.6	9.3	8.0	8.4	264	587	2.0	3.9	0.01	1.60	800	1400	1400	3500

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2486	GANGA D/S, MIRZAPUR	UTTAR PRADESH	19.0	27.0	6.3	8.9	7.8	8.4	266	598	2.4	3.9	0.01	1.80	1700	13000	2800	27000
10153	RIVER GANGA AT CHUNAR	UTTAR PRADESH	20.0	27.0	6.1	9.3	7.8	8.5	265	596	3.0	4.2	0.01	1.27	1100	8000	2100	17000
1070	GANGA AT VARANASI U-S (ASSIGHAT)	UTTAR PRADESH	22.0	29.0	7.4	9.2	8.2	8.4	345	488	2.5	3.2	0.10	0.32	500	2200	1100	3400
1071	GANGA AT VARANASI D-S (MALVIYA BRIDGE)	UTTAR PRADESH	22.0	29.0	6.1	7.8	8.1	8.3	366	588	4.5	5.8	0.22	0.45	22000	43000	34000	63000
10152	RIVER GANGA A/C GOMTI RIVER, BHUSAULA	UTTAR PRADESH	22.5	29.5	7.2	8.9	8.2	8.5	350	500	3.0	4.0	0.18	0.33	13000	22000	21000	34000
10156	BATHING GHAT, GOLAGHAT	UTTAR PRADESH	15.0	32.0	5.5	11.0	7.7	8.5	214	451	3.3	5.6	-	-	3100	4600	4300	7000
1073	GANGA AT TRIGHAT (GHAZIPUR)	UTTAR PRADESH	22.5	29.5	6.5	8.2	8.2	8.3	354	576	4.0	5.0	0.20	0.42	17000	33000	31000	49000
1074	GANGA AT BUXAR	BIHAR	16.0	34.0	7.3	10.1	7.0	8.2	239	622	1.5	2.3	0.11	0.74	2600	21000	6300	29000
10113	RIVER GANGA AT U/S JAIL GHAT	BIHAR	16.0	35.0	7.0	10.0	7.2	8.3	241	581	1.7	2.7	0.10	0.68	2600	21000	6300	29000
2551	GANGA AT BUXAR, RAMREKHAGHAT	BIHAR	16.0	35.0	6.8	9.6	7.4	8.2	234	572	1.7	2.8	0.06	0.98	2600	21000	6300	35000
3113	GANGA AT D/S BUXAR NEAR GANGA BRIDGE	BIHAR	14.0	33.0	7.0	9.6	7.1	8.2	227	612	1.7	2.6	0.16	0.63	2600	11000	5800	22000
10131	RIVER GANGA AT U/S BARAHPUR BINDTOLI	BIHAR	15.0	35.0	6.6	11.0	6.9	8.4	193	381	1.8	2.5	0.06	0.67	2600	11000	6300	22000
10162	ARRAH-CHHAPRA ROAD BRIDGE (KOILWER BANURA-CHHAPRA)	BIHAR	15.0	32.5	6.9	9.8	7.4	8.3	213	616	1.4	2.1	0.15	0.70	1700	3300	3300	6300

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2564	GANGA AT THE CONFLUENCE OF SONE RIVER DORIGANJ	BIHAR	16.0	32.0	7.2	10.6	6.8	8.0	199	487	1.5	2.2	0.10	0.69	2600	13000	5800	35000
10114	RIVER GANGA AT D/S SARIKPUR	BIHAR	16.0	34.0	6.8	10.7	6.7	8.8	194	449	1.5	2.6	0.12	0.66	4000	21000	11000	32000
3114	GANGA NEAR DANAPUR (NEAR PIPA PUL)	BIHAR	13.0	29.0	6.9	14.1	6.9	8.3	194	448	1.7	2.4	0.03	0.53	2600	11000	5800	22000
1077	GANGA AT KHURJI, PATNA U/S	BIHAR	14.0	30.0	6.8	13.2	6.5	8.2	211	446	1.5	2.5	0.10	0.53	2600	7900	5800	14000
2552	PATNA TO GANDHI GHAT/NIT GHAT	BIHAR	14.0	33.0	6.8	13.0	6.7	7.9	206	502	2.1	2.6	0.06	2.29	3100	21000	7000	35000
10115	RIVER GANGA AT BARKAGAON	BIHAR	14.0	33.0	6.6	13.0	6.6	8.1	210	462	2.4	2.7	0.04	0.64	3100	21000	7000	29000
1079	GANGA AT PATNA D/S (GANGA BRIDGE)	BIHAR	14.0	32.0	6.6	11.7	7.0	8.1	215	468	2.2	2.8	0.07	0.66	4000	21000	11000	29000
3122	GANGA AT MALSALAMI, PATNA	BIHAR	14.0	32.0	6.6	10.5	6.8	8.1	223	540	1.6	2.6	0.05	0.62	2600	3300	5800	7000
4297	KACHCHI-DARGAH-BIDUPUR ROAD BRIDGE, PATNA	BIHAR	21.0	32.0	6.9	9.6	6.8	8.0	202	449	1.5	2.4	0.07	0.73	2600	4000	5800	11000
10122	TRIVENI GHAT	BIHAR	15.0	31.0	6.7	9.5	6.3	8.2	204	415	1.8	2.6	0.07	0.49	4000	21000	11000	35000
2553	GANGA AT FATUHA	BIHAR	15.0	31.0	6.4	11.2	6.4	7.9	206	450	1.7	2.7	0.12	2.11	2600	7900	5800	14000
4301	BAKHTIYARPUR-TAJPUR BRIDGE ON GANGA, ATHMALGOLA	BIHAR	17.0	32.0	6.9	10.0	6.4	8.2	228	387	1.5	2.5	0.07	0.36	2600	4000	6300	11000
3115	GANGA RIVER AT BARH	BIHAR	15.0	34.0	7.0	11.2	6.5	8.4	195	387	1.6	2.4	0.11	0.87	2600	6100	5800	14000
10130	D/S NAWADAGHAT	BIHAR	15.0	34.0	6.9	10.0	6.8	8.3	220	393	1.6	2.5	0.08	0.71	2600	4000	5800	11000

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1817	GANGA AT MOKAMA (U/S)	BIHAR	15.0	34.0	6.7	9.8	7.1	8.4	201	392	1.6	2.5	0.11	0.67	2600	7000	6300	15000
1815	GANGA AT MOKAMA (D/S)	BIHAR	15.0	35.0	6.7	10.2	7.1	8.4	193	372	1.8	2.7	0.12	0.63	4000	21000	11000	32000
3123	GANGA RIVER AT BARAHIA	BIHAR	15.0	34.0	6.8	9.8	7.1	8.4	191	384	1.5	2.5	0.11	0.69	2600	7000	6300	15000
3116	GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	BIHAR	19.0	33.0	6.3	10.2	6.7	8.1	225	401	1.6	2.6	0.11	18.00	2000	21000	6300	35000
1818	GANGA AT MUNGER	BIHAR	20.0	33.0	6.2	10.1	6.6	8.2	218	384	1.7	2.7	0.12	0.64	3800	21000	7000	35000
3117	GANGA AT U/S SULATANGANJ	BIHAR	18.0	32.0	6.5	10.6	6.7	8.2	227	393	1.5	2.4	0.08	0.62	3800	21000	7000	29000
2554	GANGA AT SULTANGANJ, BHAGALPUR	BIHAR	18.0	32.0	6.2	9.9	6.9	8.3	215	470	1.8	2.8	0.12	0.74	3800	21000	7000	32000
10138	CHAMPANAGAR	BIHAR	19.0	33.0	6.6	11.1	6.7	8.1	219	386	1.5	2.3	0.04	0.60	4000	21000	11000	29000
1819	GANGA AT BHAGALPUR	BIHAR	18.0	33.0	6.8	10.6	6.7	8.2	210	480	1.5	2.4	0.10	0.72	2600	21000	6300	32000
3118	GANGA AT U/S BHAGALPUR	BIHAR	16.0	32.0	6.0	8.5	6.9	8.2	220	538	2.0	2.8	0.10	0.54	3800	21000	7000	29000
1816	GANGA AT KAHALGAON	BIHAR	18.0	32.0	6.5	9.5	7.1	8.1	216	438	1.8	2.4	0.10	0.35	3800	21000	7000	35000
10143	D/S NEAR CREMATION GHAT	BIHAR	19.0	32.0	6.2	8.8	7.1	8.0	225	480	1.8	2.6	0.10	0.70	1700	21000	11000	32000
10144	U/S NEAR LCT GHAT	JHARKHAND	11.0	36.0	7.7	8.8	8.0	8.5	302	318	2.2	2.8	-	-	-	-	-	-
10145	D/S NEAR JANTA GHAT	JHARKHAND	12.0	37.0	7.6	8.6	7.7	8.5	302	318	2.4	2.8	-	-	-	-	-	-
10146	SANGI DALAN	JHARKHAND	12.0	38.0	7.6	8.9	7.8	8.5	304	318	2.4	2.8	-	-	-	-	-	-

Station Code	STATION NAME	STATE	Temperature (° C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate + Nitrite (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			-		> 5.0 mg/L		6.5 - 8.5		-		< 3.0 mg/L		-		< 2500 MPN/ 100 mL		-	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1059	GANGA AT RAJMAHAL	JHARKHAND	13.0	37.0	7.8	8.8	7.6	8.4	312	320	2.4	2.8	-	-	-	-	-	-
1080	GANGA AT BAHARAMPORE	WEST BENGAL	16.5	32.0	5.6	10.9	7.3	8.6	174	362	0.7	5.8	0.02	1.13	30000	280000	50000	350000
10159	KHAGRA	WEST BENGAL	16.5	32.0	5.7	10.7	7.3	8.6	174	382	1.2	6.7	0.02	1.19	17000	220000	34000	350000
10160	GORABAZAR	WEST BENGAL	16.5	32.0	5.6	11.1	7.3	8.8	178	356	1.2	4.6	0.01	0.76	23000	140000	30000	220000
2511	NABADIP ON GANGA, GHOSH PARA NEAR MONIPURGHAT	WEST BENGAL	17.0	31.0	5.6	11.0	7.2	8.7	172	372	0.9	5.5	0.20	0.85	2000	170000	4000	220000
2506	TRIBENI ON GANGA, NEAR BURNING GHAT	WEST BENGAL	19.0	32.0	4.8	11.2	7.3	8.6	218	464	0.9	4.8	0.25	0.80	11000	170000	17000	220000
10161	PALTA SHITLATALA	WEST BENGAL	20.0	33.0	4.8	10.2	7.3	8.7	227	652	1.6	7.6	0.13	1.58	30000	500000	50000	900000
1054	GANGA AT PALTA	WEST BENGAL	20.0	32.5	4.8	10.4	7.3	8.5	202	376	1.3	4.8	0.09	1.11	30000	170000	50000	280000
1472	GANGA AT SERAMPURE	WEST BENGAL	19.0	32.0	3.8	10.9	7.0	8.4	203	442	0.7	10.1	0.02	0.79	13000	220000	23000	280000
1053	GANGA AT DAKSHINESHWAR	WEST BENGAL	19.0	32.0	4.6	8.5	6.6	8.5	228	605	2.2	6.1	0.27	0.55	22000	500000	170000	1600000
1471	GANGA AT HOWRAH-SHIVPUR	WEST BENGAL	18.0	32.0	3.1	8.7	6.3	8.1	41	510	1.9	6.0	0.26	0.56	17000	300000	30000	900000
1470	GANGA AT GARDEN REACH	WEST BENGAL	18.0	33.0	4.4	7.8	5.8	8.2	247	517	1.9	4.7	0.25	0.58	13000	500000	22000	900000
1052	ULUBERIA	WEST BENGAL	19.0	33.0	4.2	8.1	6.1	8.2	302	531	1.3	4.6	0.27	0.56	8000	170000	13000	220000
1469	GANGA AT DIAMOND HARBOUR	WEST BENGAL	19.0	33.0	5.2	8.1	7.0	9.3	313	9515	1.2	5.5	0.24	0.68	2000	30000	4000	50000

TABLE - 4: WATER QUALITY OF RIVER YAMUNA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1492	YAMUNA AT YAMUNOTRI	UTTARAKHAND			9.2	9.2	7.1	7.1	60	60			0.72	0.72	2	2	4	4
1493	YAMUNA AT HANUMANCHATTI	UTTARAKHAND			9.4	9.4	7.1	7.1	107	107			0.52	0.52	680	680	35000	35000
1494	YAMUNA AT U/S OF LAKHWAR DAM	UTTARAKHAND	16.0	19.0	7.6	9.4	7.2	8.1	220	220	1.0	1.0	0.29	0.29	5	5	2	350
1490	YAMUNA AT U/S DAK PATTHAR	UTTARAKHAND	16.0	20.0	8.6	9.2	7.1	8.2			1.0	1.0					40	80
1553	RIVER YAMUNA , U/S PAONTA SAHIB, H.P	HIMACHAL PRADESH	13.0	27.0	5.0	8.2	7.7	8.5	252	806	0.1	1.7	0.04	1.12	11	21	22	40
1554	RIVER YAMUNA , D/S PAONTA SAHIB, H.P	HIMACHAL PRADESH	14.0	26.0	5.5	8.1	8.0	8.4	236	588	0.4	2.0	0.04	1.32	14	24	27	46
1117	YAMUNA AT HATHNIKUND HARYANA	HARYANA	19.0	19.0	7.7	12.2	7.1	8.3	149	442	0.8	3.0	0.30	3.02	2	1300000	8	5400000
1496	YAMUNA AT KALANAUR, YAMUNA NAGAR, HARYANA	HARYANA	19.0	19.0	6.2	10.1	7.1	8.6	176	717	1.0	5.0	0.10	0.80	9	490000	79	2400000
10004	RIVE YAMUNA AT KHOJKIPUR PANIPAT	HARYANA			5.8	15.0	7.1	7.9	235	3060	1.0	50.0	0.21	2.80	130	92000	540	350000
1119	YAMUNA AT SONEPAT, HARYANA	HARYANA			2.8	13.0	7.2	7.9	228	1569	2.0	25.0	0.21	2.90	260	130000	1100	240000
1120	YAMUNA AT WAZIRABAD, DELHI	DELHI	15.3	34.0	4.9	10.5	7.3	8.5	161	1240	1.0	4.0	0.01	1.11	20	920000	110	1600000
1121	YAMUNA AT NIZAMUDDIN, DELHI	DELHI	16.0	33.0	1.0	6.2	7.1	8.0	328	2320	3.0	60.0	0.08	0.15	49000	39000000	240000	39000000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1375	YAMUNA AT OKHLA BRIDGE (INLET OF AGRA CANAL), DELHI	DELHI	17.0	33.0	0.9	5.0	7.1	7.9	260	1380	5.0	48.0		0.12	78000	4600000	230000	7000000
1812	RIVER YAMUNA AT OKHLA AFTER MEETING OF SHAHDARA DRAIN, DELHI	DELHI	18.0	39.0	0.7	6.3	7.2	7.9	280	1813	4.0	64.0		0.12	220000	34000000	490000	160000000
1497	YAMUNA AT MAZAWALI, U.P	UTTAR PRADESH				6.2	7.2	8.4	348	2270	4.0	30.0	0.33	1.10	15000	4900000	35000	7000000
2493	RIVER YAMUNA AT SHAHPUR	UTTAR PRADESH	10.0	32.0	1.8	5.8	6.7	7.9			8.0	18.5			38000	120000	51000	160000
2495	YAMUNA AT KESIGHAT, VRINDAVAN	UTTAR PRADESH	10.0	32.0	3.7	7.2	7.1	7.7			6.0	12.5			31000	72000	72000	97000
1123	YAMUNA AT MATHURA U-S , U.P.	UTTAR PRADESH			0.6	10.6	7.4	8.7	430	1923	3.0	20.0	0.38	1.80	920	170000	4900	350000
2494	YAMUNA AT VISHRAMGHAT, MATHURA	UTTAR PRADESH	10.0	32.0	3.4	6.6	6.9	7.9			7.0	15.0			37000	92000	80000	110000
1124	YAMUNA AT MATHURA D-S , U.P.	UTTAR PRADESH			3.3	9.7	7.5	8.7	491	2090	3.2	14.0	0.39	1.54	1000	9200000	1300	9200000
1125	YAMUNA AT AGRA U-S, U.P.	UTTAR PRADESH			2.9	10.2	7.5	8.7	600	2090	2.7	16.0	0.40	2.10	810	7800000	7000	17000000
1126	YAMUNA AT D-S OF AGRA, U.P.	UTTAR PRADESH			4.0	18.6	7.3	8.4	360	2140	4.0	26.0	1.10	2.41	450	240000	3300	940000
1498	YAMUNA AT BATESWAR, U.P	UTTAR PRADESH			4.1	22.0	7.2	8.3	295	2240	3.0	29.0	2.40	4.21	130	13000	240	46000
1127	YAMUNA AT ETAWAH, U.P.	UTTAR PRADESH			5.2	16.4	7.3	8.2	283	2200	3.0	21.0	2.41	4.71	33	92000	33	170000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1499	YAMUNA AT JUHIKA B-C WITH CHAMBAL, ETAWAH, U.P	UTTAR PRADESH			5.6	11.5	7.2	8.4	305	2160	2.0	16.0	2.63	4.57	5	54000	130	160000
1069	YAMUNA AT ALLAHABAD D/S (BALUA GHAT), U.P	UTTAR PRADESH	19.0	33.0	7.4	9.2	7.7	8.0	318	412	2.0	2.5	1.24	1.45	1300	6800	3900	13000

TABLE - 4.1: WATER QUALITY OF TRIBUTARY STREAMS - TONS, ASHWANI, GIRI, BATT, PABBAR, BHALLA, DHELA, KALYANI, KOSI, GOLA, KICHHA, PILKHAR AND NANDAUR (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1510	TONS RIVER, H.P	HIMACHAL PRADESH	4.0	22.0	7.7	9.3	7.2	8.2	74	372	0.5	2.8	0.21	3.24	2	32	6	210
2620	ASHWANI AT U/S YASHWANT NAGAR	HIMACHAL PRADESH			6.8	7.6	7.4	8.4	239	870	1.0	5.0	0.20	0.74	3	14	17	47
2626	BATTA AT U/S PAONTA	HIMACHAL PRADESH	11.0	25.0	6.0	8.4	7.6	8.3	247	643	0.1	1.0	0.02	0.78	6	21	20	38
2627	BATTA BEFORE CONFLUENCE TO YAMUNA	HIMACHAL PRADESH	12.0	25.0	5.2	8.2	7.6	8.4	277	655	0.2	1.8	0.03	0.86	10	23	24	46
2621	GIRI AT D/S YASHWANT NAGAR	HIMACHAL PRADESH			7.0	8.0	7.5	8.3	260	765	0.8	5.2	0.04	0.46	4	17	14	280
2622	GIRI AT U/S CCI MINES	HIMACHAL PRADESH	11.0	24.0	6.5	8.4	7.8	8.4	306	1214	0.1	0.7	0.01	0.54	8	17	21	34

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2623	GIRI D/S SATAUN	HIMACHAL PRADESH	11.0	24.0	5.7	8.4	7.7	8.3	298	1195	0.2	0.8	0.01	0.57	11	22	22	41
2617	PABBAR AT U/S DHAMBARI	HIMACHAL PRADESH	9.0	23.0	7.9	9.5	6.8	8.4	49	152	0.2	2.8	0.24	1.35	2	34	6	280
2618	PABBAR AT U/S ROHRU	HIMACHAL PRADESH	8.0	23.0	7.8	9.5	7.1	8.5	49	180	0.3	2.8	0.11	1.73	2	39	8	140
2619	PABBAR AT D/S SWARAKUDDU	HIMACHAL PRADESH	4.0	23.0	7.8	9.2	7.1	8.3	61	176	0.6	1.8	0.19	2.23	2	33	4	110
2734	BHALLA RIVER U-S KASHIPUR	UTTARAKHAND	17.0	28.0	5.8	7.2	7.1	7.3	210	320	3.2	6.2						
2735	BHALLA RIVER AT LOHIA BRIDGE D-S KASHIPUR	UTTARAKHAND	20.0	32.0	BDL	2.2	6.8	7.9	370	700	18.0	52.0						
2732	DHELA RIVER U-S AT KASHIPUR MORADABAD ROAD BRIDGE	UTTARAKHAND	16.0	29.0	4.6	6.4	7.1	7.4	230	310	4.0	12.0						
2733	DHELA RIVER D-S AT THAKURDWARA ALIGANJ ROAD	UTTARAKHAND	18.0	28.0	2.2	3.8	6.7	7.8	370	660	16.0	40.0						
2731	KOSI RIVER AT KASHIPUR BAJPUR ROAD BRIDGE	UTTARAKHAND	16.0	29.0	4.0	7.8	6.8	7.6	270	510	2.2	14.0						
3439	KALYANI RIVER AT D-S PANTNAGAR INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	17.0	32.0	0.6	5.2	6.4	7.9	230	620	6.0	80.0						
2728	GOLA RIVER AT HALDWANI	UTTARAKHAND	11.0	22.0	7.0	7.8	7.4	7.9	170	260	1.2	1.6						
2729	KICHHA RIVER AT KICHHA U.S. NAGAR	UTTARAKHAND	17.0	30.0	0.4	6.6	7.4	8.1	410	720	6.0	38.0						

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2730	PILKHAR RIVER AFTER BILASPUR RAMPUR	UTTARAKHAND	17.0	30.0	3.0	7.2	7.2	7.8	220	610	3.2	16.0						
2736	NANDAUR RIVER U/S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	23.0	28.0	5.8	7.4	7.3	7.9	270	510	2.0	10.0						
2737	NANDAUR RIVER D-S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	17.0	30.0	5.2	8.0	7.1	8.1	350	550	2.0	10.0						

TABLE - 4.2: WATER QUALITY OF TRIBUTARY STREAMS RAMGANGA, KALI (E), KALINADI, HINDON, VARUNA, SHUKRA TAL (GANGA), SAI, GOMTI, RAPTI, SARYU, GHAGHARA AND RIHAND (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1064	RAMGANGA AT KANNAUJ (BEFORE CONF.), U.P	UTTAR PRADESH	14.0	33.0	5.1	10.8	7.5	9.0	235	625	3.8	5.4			2400	3500	4600	5800
2497	RIVER KALI EAST AT KHARKHODA-PARIKSHIT GARH ROAD,	UTTAR PRADESH	17.0	25.0			7.2	7.7	1480	1674	60.0	74.0	0.80	30.00			120000	240000
1065	KALINADI AT KANNAUJ (BEFORE CONF.), U.P	UTTAR PRADESH	14.0	33.0	5.7	11.8	7.5	8.9	214	932	4.4	7.5			3100	4600	5800	7000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2496	RIVER HINDON AT SARDHANA BUDHANA ROAD, VILLAGE BAP	UTTAR PRADESH	16.0	26.0			7.3	7.7	740	1080	62.0	74.0	1.10	35.00			120000	240000
1357	HINDON AT SAHARANPUR D-S, U.P.	UTTAR PRADESH	18.0	25.0	0.0	1.9	7.2	8.1	710	830	42.0	52.0	0.30	0.90	180000	180000	280000	280000
1358	HINDON AT GHAZIABAD D/S, U.P.	UTTAR PRADESH	18.0	42.0	0.0	0.0	7.1	7.8	809	1344	40.5	84.0	0.54	64.00	130000	190000	280000	310000
2482	RIVER VARUNA AT RAMESHWAR, VARANASI	UTTAR PRADESH	22.0	30.0	BDL	8.9	7.8	8.5	308	850	2.8	55.0	0.20	0.29	700	2200	1700	3400
2483	RIVER VARUNA B-C WITH RIVER GANGA AT VARANASI	UTTAR PRADESH	22.0	30.0	BDL	3.4	7.5	8.5	615	785	17.6	64.0	0.30	26.00	18000	220000	120000	350000
2502	SHUKRA TAL, MUZAFFARNAGAR, NEAR GANGA RIVER	UTTAR PRADESH	17.0	29.0	7.5	8.5	7.4	8.5	180	502	2.0	4.3	0.20	0.35	13000	13000	22000	22000
1361	SAI AT UNNAO AFTER DRAIN OUTFALL, U.P.	UTTAR PRADESH	15.0	27.0	6.1	7.4	7.5	7.9	236	852	3.4	4.8			2100	3300	4300	5600
2484	RIVER SAI AT JALALPUR, JAUNPUR	UTTAR PRADESH	23.0	30.0	7.4	8.6	8.3	8.5	322	490	3.2	4.3	0.30	0.34	8000	13000	14000	22000
1350	GOMTI AT SITAPUR U/S AT WATER INTAKE, U.P.	UTTAR PRADESH	18.0	32.0	8.0	13.5	8.2	8.7	362	471	1.8	2.5	0.76	1.60	110	230	790	1400
1351	GOMTI AT LUCKNOW U/S AT WATER INTAKE POINT, U.P.	UTTAR PRADESH	18.0	33.0	3.8	10.6	7.6	8.5	331	505	3.2	4.0	1.10	2.00	1700	4900	3500	7000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1352	GOMTI AT LUCKNOW D/S, U.P.	UTTAR PRADESH	18.0	34.0	0.9	2.6	7.4	7.7	487	1098	11.0	21.0	1.81	4.40	35000	110000	92000	170000
1353	GOMTI AT JAUNPUR D-S, U.P.	UTTAR PRADESH	23.0	30.0	6.5	8.0	8.2	8.5	315	522	3.8	4.9	0.30	0.38	1700	31000	3400	46000
1072	GOMTI AT VARANASI, U.P.	UTTAR PRADESH	23.0	29.0	6.8	8.8	8.3	8.5	315	490	3.2	4.3	0.30	2.20	8000	13000	14000	22000
2491	RIVER RAPTI AT RAJGHAT, GORAKHPUR	UTTAR PRADESH	16.0	28.0	6.4	7.8	6.5	7.5	322	384	4.9	5.8			1700	6300	2200	46000
1363	RAPTI AFTER CONFL. OF R. HONIN NR. DOMINGARH RLY BRIDGE, GORAKHPUR, U.P.	UTTAR PRADESH	17.0	28.0	6.4	10.2	6.4	7.7	312	356	4.5	5.6			1700	11000	3200	49000
1354	SARYU AT AYODHYA AT MAIN BATHING GHAT, U.P.	UTTAR PRADESH	16.0	25.0	8.5	10.5	7.7	7.9	177	359	2.8	3.2	0.30	0.86	4100	5100	6300	7800
1355	GHAGHARA AT DEORIA D/S, U.P.	UTTAR PRADESH	16.0	28.0	6.4	7.7	1.5	7.6	332	550	3.9	5.8			1100	4900	2200	33000
2492	RIVER GHAGHARA AT BARHALGANJ, GORAKHPUR	UTTAR PRADESH	17.0	28.0	6.6	7.8	6.9	7.5	320	410	4.5	5.8			1200	3300	3300	48000
1076	GHAGHARA NEAR CHAPRA, BIHAR	BIHAR	16.0	35.0	7.2	10.4	6.6	8.1	225	389	1.5	2.6	0.30	0.51	1700	11000	4000	22000
1359	RIHAND AT RENUKUT U/S, U.P.	UTTAR PRADESH	19.0	22.0	7.3	10.5	7.8	8.2	125	224	1.2	2.2	0.30	1.40	200	790	700	1300
1360	RIHAND AT RENUKUT D/S, U.P.	UTTAR PRADESH	19.0	22.0	8.0	10.3	7.8	8.3	143	232	1.4	2.4	0.30	1.60	340	1300	940	1700

TABLE - 4.3: WATER QUALITY OF TRIBUTARY STREAMS SONE, GANDAK, SIKRANA, BURHI GANDAK, HARBORA, KAMALA, MANUSMAR, KOSHI, DAHA, DHOUS, FARMAR, RAMREKHA, SIRISWA, BAGMATI AND POONPUN (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1075	SONE AT KOELWAR, BIHAR	BIHAR	16.0	32.0	6.8	9.4	7.2	8.3	149	272	1.5	2.6	0.30	0.32	2600	21000	6300	29000
3121	SONE RIVER NEAR BANZARI, BIHAR	BIHAR	16.0	31.0	7.7	10.5	7.2	8.3	135	291	1.4	1.8	0.30	0.44	1700	2600	4000	6300
3127	SONE RIVER AT BAHİYARA, BIHAR	BIHAR	16.0	32.0	6.9	10.5	7.3	8.2	155	281	1.5	2.4	0.30	0.31	79	3100	4000	13000
3128	SONE RIVER AT NASIRIGANJ DAM, BIHAR	BIHAR	18.0	32.0	7.3	11.2	7.1	8.5	156	342	1.7	2.4	0.30	0.42	2600	21000	5800	29000
1078	GANDAK AT SONEPUR, PATNA (BEFORE CONFL.), BIHAR	BIHAR	16.0	32.0	7.1	9.8	6.4	8.4	179	328	1.8	2.6	0.30	0.71	2600	21000	6300	35000
2568	GANDAK AT REWAGHAT, MUJAFFARPUR, BIHAR	BIHAR	16.0	34.0	7.2	10.4	7.0	8.4	198	378	1.7	2.2	0.30	0.47	17	7000	4000	15000
2570	GANDAK AT SAMASTIPUR ROAD BRIDGE, BIHAR	BIHAR	14.0	32.0	6.0	13.2	6.0	8.2	181	434	1.4	2.8	0.30	0.25	2600	7900	5800	13000
3124	GANDAK RIVER U/S ROAD BRIDGE MUZAFFARPUR (NH), BIHAR	BIHAR	14.0	32.0	7.1	11.8	6.9	8.2	204	452	1.5	2.2	0.30	0.74	2600	6100	6300	14000
3125	GANDAK RIVER GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUM	BIHAR	15.0	33.0	7.1	9.8	6.9	8.4	183	402	1.5	2.5	0.30	0.63	1700	4600	4000	12000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2575	SIKRANA RIVER AT LAL PARSE, BITTIAH, BIHAR	BIHAR	15.0	31.0	0.8	9.0	7.0	8.2	202	499	1.8	6.0	0.30	0.43	3100	7000	7000	15000
1820	SIKRANA AT CHANPATIYA, BIHAR	BIHAR	16.0	30.0	0.0	7.9	6.9	7.7	243	1430	2.3	95.0	0.30	0.48	3100	7900	6300	15000
3134	SIKRAHNA RIVER AT LAUREA, HARINAGAR ROAD BRIDGE	BIHAR	18.0	32.0	0.0	9.2	5.6	8.0	205	2460	1.8	95.0	0.30	1.44	2600	21000	6300	29000
2562	BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR, BIHAR	BIHAR	14.0	31.0	6.8	9.8	7.0	7.9	254	448	1.7	2.8	0.30	0.78	2600	7900	6300	13000
2558	HARBORA RIVER AT NARKATIAGANJ, BIHAR	BIHAR	15.0	30.0	0.0	6.8	5.5	7.7	218	850	2.6	125.0	0.30	1.26	3100	21000	7000	29000
3126	U/S HARBORA RIVER, BIHAR	BIHAR	15.0	30.0	6.4	9.5	6.3	7.9	237	535	1.6	2.7	0.30	0.47	2600	11000	6300	22000
2567	KAMALA RIVER AT BENIPATTI (MADHUBANI), BIHAR	BIHAR	14.0	34.0	5.5	12.2	6.5	8.0	137	435	1.8	2.7	0.30	0.61	2600	11000	6300	22000
2569	KAMALA RIVER AT DARBHANGA, BIHAR	BIHAR	14.0	32.0	0.7	9.6	6.7	8.0	175	1310	2.6	6.0	0.30	0.36	1700	6100	4000	14000
3133	KAMALA RIVER AT JAYNAGAR, BIHAR	BIHAR	14.0	34.0	7.0	12.0	6.9	8.3	219	411	1.5	2.3	0.30	0.66	1700	6100	4000	14000
2563	MANUSMAR RIVER AT RIGA, SITAMARHI, BIHAR	BIHAR	16.0	31.0	4.8	9.1	6.3	7.7	330	475	1.6	3.0	0.30	0.38	3100	21000	5800	29000
3131	U/S MANUSMAR RIVER (RIGA), BIHAR	BIHAR	15.0	31.0	6.5	9.5	6.4	7.8	337	454	1.5	2.6	0.30	0.31	2100	6100	4000	14000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2565	KOSHI RIVER AT KURSHELA AT KATI HAR, BIHAR	BIHAR	16.0	29.0	6.0	10.0	7.0	8.7	138	308	1.5	2.5	0.30	0.51	1700	3100	3300	7000
2566	KOSHI RIVER AT MADHEPURA, BIHAR	BIHAR	14.0	30.0	6.7	11.3	7.0	7.7	125	340	1.5	2.5	0.30	0.48	2100	7000	4000	15000
3137	KOSHI RIVER AT BEERPUR, BIHAR	BIHAR	14.0	30.0	7.4	10.2	6.9	8.2	147	274	1.5	2.3	0.30	0.31	2100	6100	4000	14000
1821	DAHA AT SIWAN, BIHAR	BIHAR	17.0	40.0	0.0	9.9	6.9	7.8	262	751	1.8	5.0	0.30	1.66	3100	92000	7000	160000
2560	D/S DAHA RIVER AT SASAMUSA, BIHAR	BIHAR	15.0	28.0	6.4	9.7	6.9	8.1	216	641	2.1	2.7	0.30	0.59	2100	7900	4600	15000
2561	DAHA RIVER AT ITWA BRIDGE, SIWAN, BIHAR	BIHAR	17.0	35.0	6.7	11.2	7.0	8.1	203	407	2.0	2.6	0.30	0.55	1700	7900	4000	13000
3129	DAHA RIVER AT MEERGANJ, BIHAR	BIHAR	17.0	35.0	6.2	10.8	7.0	8.5	202	417	2.2	2.8	0.30	0.58	1700	17000	4000	92000
1823	DHOUS AT MADHUBANI, BIHAR	BIHAR	15.0	33.0	5.7	10.0	6.9	7.7	173	391	1.9	2.8	0.30	0.58	2600	6100	5800	14000
1824	FARMAR AT JOGBANI, BIHAR	BIHAR	15.0	31.0	7.0	8.5	6.7	8.4	204	340	1.6	2.7	0.30	0.49	2100	4000	4600	11000
2559	RAM REKHA RIVER AT HARINAGAR,	BIHAR	17.0	32.0	3.0	7.3	6.1	7.8	341	719	2.6	5.0	0.30	1.31	2600	11000	6300	22000
3130	RAMREKHA RIVER AT U/S HARINAGAR, BIHAR	BIHAR	18.0	29.0	4.0	8.0	6.7	7.7	264	428	2.3	4.0	0.30	1.14	2600	4000	5800	11000
1822	SIRISWAA AT RUXOL,	BIHAR	13.0	31.0	0.0	6.3	6.9	7.6	238	1050	2.6	12.0	0.30	1.66	3100	21000	7000	29000
3136	SIRISWA RIVER D/S RAXAUL (KOERIA TOLA), BIHAR	BIHAR	13.0	31.0	0.0	5.6	7.0	7.6	260	1080	2.8	12.0	0.30	2.31	6100	21000	14000	32000
3132	BAGMATI RIVER AT MUZAFFARPUR-	BIHAR	18.0	31.0	6.9	9.0	6.7	8.0	138	414	1.5	2.4	0.30	0.45	1700	3300	4000	7000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	SITAMARHI ROAD BRIDG																	
3135	BAGMATI RIVER AT DARBANGA, SAMASTIPUR ROAD BRIDGE,	BIHAR	14.0	32.0	6.0	12.8	6.2	8.2	227	409	1.6	2.7	0.30	0.64	2600	11000	5800	22000
2572	MAHANANDA AT THAKURGANJ, KISHANGANJ ROAD BRIDGE	BIHAR	14.0	30.0	7.3	10.2	7.0	8.0	109	332	1.6	2.5	0.30	0.89	2100	3800	4000	7000
3119	POONPUN RIVER NEAR POONPUN RAIL BRIDGE, BIHAR	BIHAR	14.0	31.0	6.8	12.1	6.9	8.5	210	429	2.0	2.7	0.30	0.67	1700	6100	3300	14000
3120	POONPUN RIVER NEAR KINZER ROAD BRIDGE, BIHAR	BIHAR	17.0	33.0	7.1	15.0	7.2	8.6	199	430	1.5	2.5	0.30	0.60	2100	6100	4600	14000

TABLE - 4.4: WATER QUALITY OF TRIBUTARY STREAMS TONS (MP), BETWA, CHAMBAL, KALIASOT, PARVATI, KARIYARI, KHAN, KSHIPRA, BICHIA, KALISINDH, NEWAJ, BICHIA, SANKH, CHAMLA, MANDAKINI, JAMUNI, SINDH, JOHILA, BIHAR AND SONE (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1143	TONS AT CHAKGHAT, M.P.	MADHYA PRADESH	18.0	33.0	6.4	9.8	7.3	7.8	1	1	1.1	1.9	0.13	1.69	2	6	22	60
1144	TONS AT MADHAVGARH, M.P.	MADHYA PRADESH	15.0	33.0	5.9	6.9	7.3	8.0			1.0	2.4			2	16	48	190
3328	TONS AT MADHAVGARH, NEAR PHED W/S INTAKE POINT, SA	MADHYA PRADESH	15.0	32.0	6.1	6.9	7.2	8.1			1.1	2.8			2	10	34	240
3329	TONS AT CHAKGHAT NEAR W/S PUMPING STATION, REWA	MADHYA PRADESH	18.0	31.0	7.2	9.5	7.2	7.9			0.8	1.9	0.27	1.05	2	5	22	40
1735	GOVIND SAGAR, U.P	UTTAR PRADESH	22.0	32.0	6.4	8.3	7.5	8.7	198	1206	3.6	4.8			1100	1700	1700	4100
1356	BETWA BEFORE CONF. YAMUNA AT HAMIRPUR, U.P.	UTTAR PRADESH	18.0	42.0	6.0	8.4	7.9	8.7	246	1022	4.8	5.6			1100	2200	2100	15000
2107	BETWA U/S, BEENA	MADHYA PRADESH	21.0	32.0	6.7	7.6	7.0	8.5	342	384	0.8	1.4	0.30	1.25	2	2	1	4
2108	BETWA D/S, BEENA	MADHYA PRADESH	21.0	30.0	6.6	7.5	7.0	8.5	277	399	0.8	1.5	0.30	1.42	2	2	2	7
2121	BETWA NEAR ROAD BRIDGE, BHOJPUR	MADHYA PRADESH	25.0	26.0	6.5	7.9	7.7	8.3	512	897	1.5	3.8	0.30	7.22	2	150	210	1600
1614	R.BETWA NEAR INTAKE POINT, VIDISHA, M.P	MADHYA PRADESH	17.0	30.0	6.3	8.2	7.3	8.5	314	508	0.9	2.8	2.33	8.95	2	210	170	2400

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2119	BETWA AT NAYAPUR D/S MANDIDEEP INDL. AREA NO.1, DI	MADHYA PRADESH	18.0	26.0	5.0	7.9	7.3	7.9	528	1128	1.5	4.3	0.30	10.75	2	1600	1600	43000
2120	RIVER KALIASOT NEAR ROAD BRIDGE, MANDIDEEP	MADHYA PRADESH	24.0	26.0	6.4	7.4	7.4	8.4	502	815	2.9	3.9	0.30	6.95	2	170	430	2400
2122	BETWA NEAR W/S INTAKE WELL POINT RAISEN	MADHYA PRADESH	17.0	31.0	6.6	8.7	7.4	8.1	257	641	1.2	3.7	0.06	3.28	2	540	170	9200
2124	BETWA AT CHARANTIRGHAT, VIDISHA	MADHYA PRADESH	18.0	30.0	5.4	7.8	7.3	8.5	248	548	1.5	12.1	2.70	10.79	2	2400	640	160000
2125	BETWA D/S AFTER MIXING OF RIVER BAIS AT VIDISHA	MADHYA PRADESH	18.0	31.0	6.2	8.6	7.5	8.6	292	549	1.2	2.9	2.40	11.55	2	2400	430	160000
2953	RIVER KALI SINDH AT ANICUT OF M/S CFCL GADEPAN, KO	RAJASTHAN	19.0	30.0	3.9	7.7	7.8	8.4	210	760	0.8	2.3	1.70	3.16	4	11	21	150
2956	RIVER KALI SINDH AT BAROD ROAD BRIDGE, KOTA, RAJAS	RAJASTHAN	18.0	31.0	4.2	7.8	7.7	8.4	230	1050	0.9	2.5	1.84	3.07	7	14	20	150
3308	CHAMBAL AT JAWNPAWA, FROM ORIGIN POINT, INDORE	MADHYA PRADESH	23.0	26.0	6.1	6.9	7.2	7.9	502	750	1.1	2.0	0.30	1.27	2	12	38	50
1365	CHAMBAL AT NAGDA U/S (WATER INTAKE POINT) M.P.	MADHYA PRADESH	22.0	28.0	6.3	7.2	7.4	8.2	215	2246	2.0	3.0	0.11	2.01	4	184000	40	800000
1366	CHAMBAL AT NAGDA D/S, M.P.	MADHYA PRADESH	24.0	28.0	0.0	6.1	7.1	8.1	1072	11210	8.0	64.0	0.49	3.42	480	14000	1600	160000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3309	CHAMBAL AT TAL VILLAGE NEAR BRIDGE, UJJAIN	MADHYA PRADESH	24.0	27.0	5.7	7.4	7.4	8.3	360	1352	2.0	28.0	0.83	2.97	7	1100	60	9200
1418	CHAMBAL AT GANDHI SAGAR DAM, RAMPURA, MP	MADHYA PRADESH	23.0	29.0	6.8	7.6	6.5	8.1	306	713	1.8	2.0	0.63	1.50	4	40	17	350
2955	RIVER CHAMBAL ENTERING IN RAJASTHAN AT GANDHI SAGA	RAJASTHAN	19.0	29.0	4.9	6.0	7.5	8.1	270	430	1.1	2.6	1.54	3.04	7	14	20	28
1288	CHAMBAL AT KOTA U/S (INTAKE PT. NEAR BARRAGE), RAJ	RAJASTHAN	20.0	32.0	5.3	6.9	7.3	8.1	290	440	0.8	2.2	1.54	2.46	4	7	7	14
1289	CHAMBAL AT KOTA D/S (2 KM. FROM CITY), RAJASTHAN	RAJASTHAN	19.0	32.0	3.4	6.6	7.5	8.4	330	840	1.1	2.6	2.06	3.07	9	28	64	210
1413	CHAMBAL AT RAMESHWARGHAT NR. SAWAIMADHOPUR, RAJAST	RAJASTHAN	18.0	34.0	2.3	5.9	7.9	8.5	310	890	0.8	9.6	0.20	3.14	14	75	75	150
1609	R. CHAMBAL AT DHOLPUR, M.P	MADHYA PRADESH	12.0	40.0	7.4	8.6	7.3	8.1	228	627	1.0	2.0	0.80	1.90	1	2	22	34
2126	PARVATI A/C OF VINDHYACHAL NALLA, PILUKHEDI	MADHYA PRADESH	12.0	32.0	5.6	9.0	7.7	8.4	298	580	1.7	2.4	0.20	2.40	2	6	25	120
2954	RIVER PARVATI BEFORE MEETING RIVER CHAMBAL AT KHAT	RAJASTHAN	17.0	31.0	3.2	8.2	7.7	8.5	150	800	0.5	4.8	1.60	3.07	9	20	20	28

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1432	PARVATI NEAR VILLAGE BATAODAPAR, M.P.	MADHYA PRADESH	11.0	40.0	5.2	9.0	7.2	8.9	387	680	1.4	2.6	1.00	1.80	2	4	21	58
1615	PARVATI NEAR INTAKE POINT PILLUKHEDI DISTT. RAJG	MADHYA PRADESH	12.0	32.0	5.1	9.5	7.2	8.4	198	630	1.4	2.2	0.20	2.30	2	4	17	70
2109	PARVATI RIVER, GUNA	MADHYA PRADESH	11.0	35.0	5.4	8.2	7.6	8.7	318	570	1.5	2.6	0.30	1.80	2	4	15	79
2950	DHANARI DAM, NEAR SWAROOPGANJ, SIROHI, RAJASTHAN	RAJASTHAN	11.0	26.0	4.7	6.2	7.6	8.4	290	650	0.9	2.9	2.46	3.10	7	21	20	93
2951	BISULPUR DAM, TONK, RAJASTHAN	RAJASTHAN	18.0	32.0	4.2	8.8	7.3	8.2	400	900	1.1	3.2	2.10	3.04	7	11	11	28
2952	NEAR NEWTA DAM, JAIPUR, RAJASTHAN	RAJASTHAN	15.0	35.0	1.5	3.1	7.6	8.5	1100	3900	3.9	12.0	2.62	3.16	23	75	75	150
2945	UPSTREAM OF CHHAPI DAM, JHALAWAR, RAJASTHAN	RAJASTHAN	19.0	30.0	3.4	7.8	7.4	8.4	220	380	0.8	2.4	1.60	2.68	4	14	11	28
3313	KARIYARI U/S BEFORE MIXING WITH WASTE WATER OF M/S	MADHYA PRADESH	20.0	26.0	6.6	8.8	7.0	7.8			0.7	1.2	0.30	0.63	2	4	17	32
3314	KARIYARI 100 MTR. D/S AFTER MIXING WITH WASTE WATE	MADHYA PRADESH	20.0	25.0	6.4	8.1	7.5	7.9			1.2	1.7	0.30	0.78	2	6	21	36

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1607	GOHAD DAM, GOHAD, M.P	MADHYA PRADESH	18.0	40.0	5.8	9.0	7.2	8.1	222	1237	1.5	2.7	0.80	3.40	2	6	34	220
3318	MAHI AT RANISINGH VILLAGE, RATLAM, UJJAIN	MADHYA PRADESH	22.0	27.0	7.0	7.6	7.2	8.4	226	540	1.8	3.0	0.07	0.95	2	902	40	220
2110	RIVER KHAN AT SAKKAR KHADI, INDORE	MADHYA PRADESH	17.0	30.0	BDL	3.0	7.6	8.5	831	1840	10.0	44.0	0.94	23.39	170	900	900	1600
2111	RIVER KHAN AT SANWER	MADHYA PRADESH	19.0	30.0	BDL	5.2	7.4	8.6	165	1681	2.8	36.0	1.58	18.09	60	1600	240	1600
1367	KHAN AT KABIT KHEDI (NEAR INDORE) M.P.	MADHYA PRADESH	20.0	30.0	BDL	3.0	7.4	8.4	1127	1777	10.0	52.0	1.36	28.16	70	700	900	1600
3317	KSHIPRA AT W/S INTAKE POINT OF DEWAS, UJJAIN	MADHYA PRADESH	20.0	26.0	7.0	7.4	7.3	8.4	298	340	1.8	2.8	0.20	0.98	4	32	46	350
3315	KSHIPRA AT GAUGHAT, UJJAIN	MADHYA PRADESH	22.0	29.0	5.2	8.4	6.8	8.3	430	1280	3.8	9.0	0.79	3.69	50	14000	300	160000
1369	KSHIPRA AT RAMGHAT AT UJJAIN, M.P.	MADHYA PRADESH	22.0	29.0	4.8	8.5	7.4	8.1	592	1484	2.6	14.0	0.89	3.87	33	17000	350	160000
1370	KSHIPRA AT TRIVENISANGAM (1 KM. D/S OF SANGAM), M.	MADHYA PRADESH	22.0	33.0	4.5	8.2	7.0	8.2	361	1270	3.0	7.0	0.85	3.65	4	12000	70	160000
1468	KSHIPRA AT SIDDHAWAT (D/S) OF UJJAIN., M.P.	MADHYA PRADESH	22.0	32.0	5.8	7.8	7.2	8.1	585	1559	8.0	18.0	0.77	4.55	130	35000	1600	160000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3316	KSHIPRA AT U/S OF MAHIDPUR CITY, UJJAIN	MADHYA PRADESH	24.0	30.0	6.1	7.8	7.5	8.5	459	1358	2.8	4.2	0.79	2.20	17	1200	170	16000
3306	RIVER CHOUPAN AT VIJAYPUR U/S NFL NALLA, GUNA	MADHYA PRADESH	11.0	40.0	5.8	9.0	7.3	8.4	260	534	1.3	2.1	0.60	1.80	2	4	17	63
3307	RIVER CHOUPAN AT VIJAYPUR 100 METRE D/S OF NFL NAL	MADHYA PRADESH	11.0	39.0	5.0	8.2	7.8	8.5	370	549	1.7	2.6	0.98	1.80	2	6	26	110
3319	NEWAJ AT W/S INTAKE POINT, SHUJALPUR, UJJAIN	MADHYA PRADESH	22.0	27.0	6.6	7.4	7.3	7.9	300	557	2.0	3.2	0.20	1.13	2	140	49	920
3320	NEWAJ AT U/S NEAR W/S INTAKE POINT, RAJGARH, GUNA	MADHYA PRADESH	12.0	40.0	7.0	9.0	7.5	8.5	199	512	1.2	1.7	0.60	1.60	2	2	22	36
2117	RIVER BICHIA, BRIDGE GOVINDGARH ROAD	MADHYA PRADESH	19.0	31.0	4.9	6.7	7.5	8.0	1	1	1.8	3.9	0.29	1.86	7	24	58	130
1433	SANKH AT TIGRA RESERVOIR, M.P.	MADHYA PRADESH	12.0	40.0	6.3	8.9	6.3	8.2	142	761	1.0	2.1	0.60	1.70	2	4	18	94
3310	CHAMLA AT W/S INTAKE POINT BADNAGAR, UJJAIN	MADHYA PRADESH	21.0	30.0	5.9	7.8	7.1	8.4	264	982	2.0	3.2	0.69	1.80	4	58	46	350
1372	MANDAKINI AT CHITRAKUT, M.P.	MADHYA PRADESH	16.0	31.0	5.6	6.9	7.0	8.2			2.7	6.9			2	4	480	1200
3311	JAMUNI AT BARIYAGHAT U/S NEAR INTAKE POINT, TIKAMG	MADHYA PRADESH	21.0	36.0	6.4	7.6	7.1	8.5	286	394	0.4	1.4	0.30	0.97	2	2	1	6
1608	R. SINDH AT DABRA, M.P	MADHYA PRADESH	12.0	42.0	7.4	8.3	7.4	8.7	198	680	1.4	1.9	0.60	2.00	2	6	34	70

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1611	R.JOHILA NEAR NAROJABAD NEAR UMARIA ROAD BRIDGE, M	MADHYA PRADESH	21.0	30.0	7.2	7.9	7.7	8.1	233	590	1.0	1.8	0.39	0.83	2	5	21	58
2116	RIVER BIHAR D/S NEAR FOREST OFFICE	MADHYA PRADESH	20.0	31.0	6.2	7.2	7.5	7.9			1.2	2.0	0.19	1.85	2	17	33	70
3327	SONE AT AMLAI, 100 METRE D/S AFTER MIXING OF ATPS	MADHYA PRADESH	20.0	31.0	6.5	7.8	7.7	8.3	16	602	1.3	2.0	0.44	1.30	2	6	33	70
1371	SONE AT AMLAI, M.P.	MADHYA PRADESH	20.0	32.0	7.0	7.9	7.7	8.3	187	596	1.1	2.0	0.24	0.84	2	6	21	63
1610	R.SONE AT ORIGINE AMARKANTAK, M.P	MADHYA PRADESH	19.0	28.0	6.2	6.9	6.8	7.8	124	196	0.2	0.6	0.10	0.22	2	2	2	2
1612	R.SONE AT DEVLOAD OUT LET OF BANSAGAR DAM, M.P	MADHYA PRADESH	20.0	30.0	7.0	7.9	7.6	8.1	188	486	0.6	1.2	0.15	0.49	2	4	14	63
2946	UPSTREAM OF BHIM SAGAR DAM, JHALAWAR, RAJASTHAN	RAJASTHAN	20.0	29.0	4.0	8.2	7.3	8.3	240	450	0.5	3.5	1.54	2.80	7	14	7	28

TABLE - 4.5: WATER QUALITY OF TRIBUTARY STREAMS JUMAR, AJAY, BARAKAR, KONAR, BOKARO, DAMODAR, BARAKAR, RUPNARAYAN, SILABTI, JALANGI, CHURNI, MATHABHANGA, MAHANANDA AND VINDHYADHARI (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2396	JUMAR AT KANKE DAM	JHARKHAND	14.0	35.0	4.8	7.9	6.5	7.6			3.1	6.2			140	200	750	1200
2401	AJAY RIVER AT MASANJORE DAM	JHARKHAND	14.0	33.0	6.6	8.5	6.5	7.5	314	320	2.6	2.8						
2392	BARAKAR AT MAITHAN DAM	JHARKHAND	17.0	34.0	7.5	7.8	7.4	7.5			0.8	1.1						
1336	BARAKAR AT ASANSOL (WATER INTAKE POINT), WEST BENGAL	WEST BENGAL	20.0	35.0	6.7	9.5	7.1	8.1	139	335	2.3	3.1	0.1	1.0	1100	14000	3000	17000
3554	KONAR RIVER NEAR SWANG COAL WASHERY, BOKARO	JHARKHAND	22.0	37.0	7.3	7.4	7.5	7.5			2.1	2.4						
2381	BOKARO AT JARANDI	JHARKHAND	21.0	36.0	7.2	7.4	7.3	7.5			2.0	2.3						
2390	KONAR AT TENUGHAT DAM	JHARKHAND	17.0	35.0	7.7	7.8	7.5	7.6			0.6	0.9						
2391	DAMODAR AT PANCHET DAM	JHARKHAND	20.0	35.0	7.6	7.8	7.4	7.6			0.6	0.9						
3553	DAMODAR RIVER NEAR TELMUCHO BRIDGE	JHARKHAND	21.0	32.0	7.4	7.7	7.4	7.5			1.2	2.8						
3557	DAMODAR RIVER NEAR BERMO RAILWAY STATION, BOKARO	JHARKHAND	20.0	37.0	7.2	7.4	7.4	7.5			2.0	2.3						

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3555	DAMODAR RIVER NEAR ZARANGDIH BRIDGE, BOKARO	JHARKHAND	20.0	35.0	7.5	7.6	7.5	7.6			1.6	2.0						
3556	CONFLUENCE OF BOKARO & DAMODAR RIVER NEAR ZARANGDI	JHARKHAND	20.0	37.0	7.4	7.5	7.4	7.5			1.9	2.2						
2382	DAMODAR AT PHUSRO ROAD BRIDGE	JHARKHAND	19.0	35.0	7.2	7.3	7.4	7.6			2.0	2.5						
2383	DAMODAR U/S JAMADOVA	JHARKHAND	19.0	35.0	7.2	7.4	7.4	7.5			0.9	1.2						
2384	DAMODAR D/S SINDRI	JHARKHAND	21.0	36.0	7.2	7.5	7.4	7.6			0.6	0.9						
1332	DAMODAR AT D/S OF IISCO AFTER 3RD OUTFALL AT DHENNA VILLAGE, WEST BENGAL	WEST BENGAL	19.0	33.0	5.2	8.0	7.1	7.9	192	379	1.9	3.9	0.0	1.0	1700	24000	2200	30000
1333	DAMODAR AT NARAINPUR AFTER CONFL. OF NUNIA NALLAH, WEST BENGAL	WEST BENGAL	19.0	34.0	5.4	9.4	7.0	8.2	258	778	2.6	3.7	0.1	1.0	4000	11000	5000	160000
1334	DAMODAR NEAR MUJHER MANA VILLAGE AFTER CONF. OF TAMLA NALLAH, WEST BENGAL	WEST BENGAL	20.0	35.0	4.6	8.0	7.1	7.9	336	833	1.3	7.0	0.1	1.0	2200	50000	2700	90000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1335	DAMODAR AT HALDIA D/S (2 KM AWAY FROM HALDIA TOWN), WEST BENGAL	WEST BENGAL	22.0	33.0	3.4	7.9	7.1	8.1	782	16330	1.7	3.4	0.2	0.6	3300	90000	7000	160000
2527	WATER INTAKE POINT FOR BURDWAN TOWN	WEST BENGAL	22.0	36.0	6.7	9.4	7.1	8.1	258	381	1.9	2.9	0.1	1.0	700	11000	2600	17000
2509	D-S OF RUPNARAYAN AT KOLAGHAT, NEAR KOLAGHAT RAIL BRIDGE NO.3	WEST BENGAL	20.0	34.0	4.6	8.5	6.4	7.9	177	2124	0.6	5.3	0.3	0.6	2400	17000	4000	54000
1337	RUPNARAYAN BEFORE CONFL. TO RIVER GANGA NEAR GEONKHALI, WEST BENGAL	WEST BENGAL	22.0	32.0	4.8	7.6	7.0	8.0	312	6870	1.1	2.8	0.2	0.6	1100	13000	1400	28000
2541	WATER INTAKE POINT FOR BANKURA TOWN ON RIVER DWARAKESHWAR	WEST BENGAL	19.0	33.0	6.6	8.6	7.1	8.1	224	333	1.6	2.9	0.2	0.3	1700	17000	2100	30000
2531	U-S OF TARAPITH ON RIVER DWARKA AT SADHAK BAMDEB GHAT	WEST BENGAL	18.0	36.0	5.9	11.0	6.9	8.7	155	350	1.8	5.1	0.0	0.3	6000	22000	9000	35000
2532	D-S OF TARAPITH ON RIVER DWARKA, SATIGHAT	WEST BENGAL	18.0	36.0	3.6	11.3	6.4	8.2	123	588	2.1	4.9	0.0	0.3	5000	22000	7000	35000
2508	D-S OF SILABATI AT GHATAL,	WEST BENGAL	19.0	33.0	4.9	9.1	5.9	7.5	117	338	0.9	3.9	0.2	0.7	1700	17000	3300	54000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2514	JALANGI, D-S OF KRISHNA NAGAR	WEST BENGAL	16.0	34.0	1.2	11.2	7.1	8.8	242	635	1.0	6.0	0.0	3.5	4000	500000	6000	900000
1764	CHURNI D-S OF SANTIPUR TOWN, WEST BENGAL	WEST BENGAL	19.0	32.0	0.8	5.6	7.2	8.8	291	814	1.6	8.3	0.0	1.8	70000	300000	110000	500000
2518	CHURNI, MAJHADIA	WEST BENGAL	20.0	32.0	0.8	4.3	7.2	8.5	272	693	1.4	6.5	0.0	1.9	13000	220000	23000	350000
2517	MATHA BHANGA, GOBINDAPUR	WEST BENGAL	20.0	32.0	0.0	4.3	7.2	8.1	270	680	1.6	7.5	0.1	1.2	27000	220000	33000	500000
2534	WATER INTAKE POINT FOR SURI TOWN ON RIVER MAYURAKSHI	WEST BENGAL	18.0	34.0	6.5	8.8	7.0	8.2	128	975	1.1	2.8	0.0	0.2	1400	2600	2100	3400
2507	D-S OF KANSI AT MIDNAPORE, NEAR NEW HANUMAN MANDIR, GANDHIGHAT	WEST BENGAL	20.0	35.0	5.5	10.8	6.5	8.3	113	242	3.1	6.9	0.2	0.7	1700	33500	11000	54000
1946	MAHANANDA AT SILIGURI	WEST BENGAL	16.0	31.0	5.6	8.2	7.0	8.4	118	214	2.6	3.6	0.0	0.7	5000	14000	11000	35000
2525	MAHANANDA D-S, RAMGHAT	WEST BENGAL	18.0	30.0	4.2	6.8	6.1	8.3	134	399	3.8	18.0	0.1	0.6	80000	170000	170000	350000
2549	U-S OF VINDYADHARI RIVER AT HAROA BRIDGE	WEST BENGAL	20.0	35.0	0.0	2.1	7.0	8.0	345	7337	5.0	24.2	0.7	1.5	11000	300000	17000	500000
2550	D-S OF VINDYADHARI RIVER AT MALANCHA BURNING GHAT	WEST BENGAL	20.0	33.0	0.0	4.6	6.5	7.7	849	21320	1.9	25.8	0.4	0.8	2000	220000	4000	280000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2524	KALJANI D-S OF ALIPURDWAR, MUNICIPALITY DISCHARGE POINT	WEST BENGAL	21.0	30.0	6.1	8.0	6.8	9.0	111	174	1.3	3.2	0.2	0.6	2700	9000	11000	28000

TABLE - 5: WATER QUALITY OF RIVER BRAHAMPUTRA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1030	BRAHAMPUTRA AT DIBRUGARH, ASSAM	ASSAM	15.0	25.0	4.7	10.2	6.8	8.2	69	193	0.7	2.5	0	1	2	1500	2	2900
1262	BRAHAMPUTRA AT NIMATIGHAT, ASSAM	ASSAM	17.0	29.0	4.2	7.9	6.6	9.6	60	208	0.6	2.7	0	3	2	730	300	1500
1526	BRAHMPUTRA RIVER AT DHENUKHAHAPAHAR, ASSAM	ASSAM	18.0	28.0	6.3	9.0	6.6	7.9	86	249	1.1	2.4	0	2	2	2000	360	7500
1031	BRAHAMPUTRA AT PANDU, ASSAM	ASSAM	23.0	32.0	6.3	9.9	6.7	8.1	84	154	0.9	2.7	0	1	360	2800	1400	21000
1299	BRAHAMPUTRA AT JOGIHOGA NEAR BRIDGE, ASSAM	ASSAM	20.0	32.0	5.0	7.9	6.9	7.8	101	161	0.6	2.2	0	2	2	910	730	4300
2069	BRAHMPUTRA RIVER NEAR WATER INTAKE POINT AT KACHAR	ASSAM	22.0	29.0	5.7	9.1	7.0	7.8	82	177	1.2	2.8	0	1	2	3900	300	110000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2064	BRAHMAPUTRA RIVER AT CHANDRAPUR, GUWAHATI, ASSAM	ASSAM	21.0	29.0	5.6	8.7	6.5	7.7	52	194	1.2	2.8	0	2	300	21000	360	240000
2067	BRAHMPUTRA RIVER AT SUALKUCHI, DIST. KAMRUP, ASSAM	ASSAM	20.0	33.0	4.8	11.4	6.7	8.1	87	190	1.1	3.2	0	2	360	2100	910	3600
2066	BRAHMAPUTRA RIVER AT DHUBRI, ASSAM	ASSAM	22.0	34.0	4.8	6.5	6.6	8.0	84	204	0.6	2.6	0	2	300	3500	720	29000

TABLE - 5.1- : WATER QUALITY OF RIVER SUBHANSIRI, KHARSANG, BURHIDIHING, PAGLDIA, DIGBOI, JAI BHARALI, KOLONG, MANAS, DISANG, JHANJI, BHOGDOI, MORA BHARALI, DUDCHA, DHANSIRI, CHATHE, BHARALU, DIKHOW, GANGA (ARP), DIKRONG, MUNTAG, BARAK, KAMUNG, PACHIN, YONGO, NOA DIHING, BERENG, DIBANG, DIHING, GAI NADI, DEEPAR BILL, KATHAKAL, TEESTA, DIKHOW, KOHORA, BOGINADI, RANGA NADI, KAPILI, BEKI, SANKOSH, SONAI, KUSHIARA, KAROLA, KALIJANI, PANCHNAI, DZUDZA RU AND MILAK (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1799	TOWN BOUNDARY BRIDGE (DIPHU ROAD), NAGALAND	NAGALAND	14.0	30.0	2.4	8.8	7.0	7.6	49	201	0.8	4.8	0.3	0.8				

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1797	BRIDGE NEAR PURANA BAZAAR, NAGALAND	NAGALAND	20.0	32.0	3.4	9.2	6.5	8.0	71	512	1.6	4.4	0.4	1.1				
1800	NUTON BASTI, NAGALAND	NAGALAND	16.0	30.0	0.8	3.4	6.4	7.3	78	321	3.0	10.4	0.3	1.8				
1798	NEAR CHECK GATE (DIMAPUR KHUTKHUTI ROAD), NAGALAND	NAGALAND	21.0	33.0	3.6	9.0	7.0	7.6	83	295	1.6	4.4	0.3	1.2				
1259	DHANSIRI AT GOLAGHAT, ASSAM	ASSAM	21.0	32.0	3.9	9.5	6.4	9.8	86	158	0.8	6.2	0.1	1.9	2	1500	2	4300
1928	DHANSIRI AT NAGALAND-ASSAM BORDER, DIMAPUR	NAGALAND	20.0	33.0	3.1	8.8	6.5	8.5	24	331	2.0	5.6	0.3	1.0				
1930	DZU D/S KOHIMA TOWN	NAGALAND	11.0	25.0	3.8	9.4	7.5	8.5	190	636	0.4	5.2	0.3	8.9				
1929	CHATHE AT MEDZIPHEMA, DIMAPUR	NAGALAND	15.0	28.0	3.8	8.2	7.0	8.0	44	212	1.2	4.0	0.2	1.3				
3764	NEAR BRIDGE OVER DHANSIRI RIVER AT NH-15, DHANSIRI	ASSAM	18.0	28.0	6.5	7.8	6.6	7.7	62	116	1.2	2.8	0.1	1.3	2	2800	2	7500
3792	DHANSIRI RIVER AT JAHAI GHAT	ASSAM	20.0	33.0	4.0	10.1	6.5	7.6	78	115	1.1	4.3	0.1	1.2	2	2000	2	15000
3097	SUBANSIRI AT GERUKAMUKH,	ARUNACHAL PRADESH	23.0	28.0			7.4	7.6	72	95								
2061	RIVER KHARSANG BEFORE CONFLUENCE WITH BURIDIHING N	ASSAM	13.0	25.0	0.4	10.3	6.2	7.9	8	156	1.0	7.0	0.1	1.7	2	1500	2	2100

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1422	BURHIDIHING AT MARGHERITA, ASSAM	ASSAM	14.0	26.0	5.0	9.2	6.4	8.2	64	247	1.0	2.7	0.1	1.6	360	2800	1400	29000
2062	BURIDIHING NEAR DULIAJAN AT D/S, TINSUKIA, ASSAM	ASSAM	14.0	25.0	3.7	9.8	6.5	7.8	59	226	0.9	3.0	0.1	1.5	2	2000	2	9300
2230	BURHIDIHING RIVER AT DULIAJAN (INTAKE POINT OF OIL	ASSAM	15.0	26.0	5.6	9.5	6.6	7.9	62	190	1.0	3.3	0.1	1.7	2	1500	2	2100
2065	PAGLDIA RIVER NEAR NALBARI TOWN, DIST. NALBARI, AS	ASSAM	21.0	34.0	4.8	9.0	7.1	8.2	108	204	0.8	4.2	0.1	1.5	2	1500	2	4300
1530	DIGBOI RIVER AT LAKHIPATHE, RESERVE FOREST, DIGBOI	ASSAM	15.0	26.0	1.5	7.2	6.2	7.4	66	571	2.1	15.0	0.1	1.9	2	3500	730	110000
2063	JAI BHARALI RIVER NEAR BISWANATH CHARALI, SONITPUR	ASSAM	18.0	28.0	5.9	7.9	6.5	7.7	42	72	1.1	2.8	0.1	1.2	2	1500	2	1500
2237	KALONG RIVER AT U/S OF ANANDARAM DEKIAL PHUKAN BRI	ASSAM	20.0	34.0	2.3	7.5	6.2	7.5	49	269	1.1	4.2	0.1	1.4	360	3500	2700	110000
2059	KOLONG RIVER AT MARIGAON, ASSAM	ASSAM	20.0	34.0	3.5	8.9	6.2	7.7	50	77	0.8	2.2	0.3	2.2	2	2000	2	3900
2058	DISANG RIVER AT DILLIGHAT, DIBRUGARH DIST., ASSAM	ASSAM	14.0	24.0	5.0	10.7	6.4	8.5	64	141	1.1	4.3	0.1	1.4	2	2000	2	12000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3098	SIANG RIVER AT RANAGHAT, NEAR RCC BRIDGE, PASIGHAT,	ARUNACHAL PRADESH	20.0	27.0			7.4	7.7	70	73								
3101	KAMENG	ARUNACHAL PRADESH	31.0	32.0			7.5	7.6	70	70								
3103	PACHIN RIVER AT NAHARLAGUN (BELOW BARAPANI BRIDGE),	ARUNACHAL PRADESH	19.0	29.0			6.8	7.8	42	99								
3105	GAI NADI NEAR HSS LIKABALI,	ARUNACHAL PRADESH	21.0	29.0			7.5	7.9	63	67								
3106	DIBANG RIVER AT ROING,	ARUNACHAL PRADESH	19.0	27.0			7.3	8.3	75	120								
3107	DIHING RIVER AT MIAO,	ARUNACHAL PRADESH	17.0	26.0			7.6	8.1	81	83								
3108	BERENG RIVER AT CHOWKHAM,	ARUNACHAL PRADESH	20.0	30.0			7.4	7.8	63	95								
3109	NAO DIHING RIVER AT NAMSAL,	ARUNACHAL PRADESH	22.0	31.0			6.8	8.1	39	95								
3110	YONGO RIVER AT AALO,	ARUNACHAL PRADESH	21.0	33.0			6.2	7.6	46	82								
3769	INTAKE POINT OF URBAN WATER SUPPLY, BHOGDOI RIVER	ASSAM	19.0	33.0	5.4	8.2	6.6	7.8	82	182	0.6	3.5	0.2	2.7	2	700	300	1100
3776	DIKHOW RIVER AT NAGINI MORA (INTER-STATE BOUNDARIE	ASSAM	18.0	29.0	5.7	7.8	6.8	7.6	94	213	0.6	2.1	0.1	2.0	300	730	360	1500
2231	DIKHOW RIVER AT DIKHOW BRIDGE	ASSAM	17.0	29.0	5.7	7.8	5.8	7.7	85	199	0.5	2.9	0.1	1.5	300	730	360	2100

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	SIVASAGAR, ASSAM																	
2232	KOHORA RIVER AT N.H. CROSSING, KOHORA, ASSAM	ASSAM	19.0	32.0	4.5	8.9	6.1	7.2	21	280	1.2	8.0	0.1	1.1	300	2800	360	240000
2233	BOGINADI NEAR BRIDGE NH-52, LAKHIMPUR, ASSAM	ASSAM	20.0	32.0	5.8	8.5	6.4	8.1	48	123	0.7	3.2	0.1	1.3	2	1400	2	2300
2234	RANGA NADI D/S OF HYDEL PROJECT, ASSAM	ASSAM	20.0	30.0	5.6	7.5	6.5	8.2	55	120	1.0	3.4	0.1	1.7	2	1400	2	2300
2236	KAPILI RIVER AT DHARMTUL BRIDGE, NH-31, NAGAON, AS	ASSAM	22.0	33.0	2.1	8.5	6.1	7.6	20	80	1.2	2.8	0.1	1.4	2	1500	360	4300
2238	BEKI RIVER AT NH-37 CROSSING AT BARPETA ROAD, ASSA	ASSAM	18.0	29.0	5.0	5.5	6.8	7.8	77	128	0.6	2.1	0.3	1.8	2	910	2	1500
2239	SANKOSH RIVER, DHUBRI, ASSAM	ASSAM	24.0	35.0	4.0	5.6	6.0	7.9	22	75	0.6	2.0	0.1	1.1	2	1500	2	2800
2240	BARAK RIVER AT D/S OF SILCHAR, ASSAM	ASSAM	21.0	26.0	5.4	5.7	7.2	7.3	90	132	1.3	5.5	0.1	2.3	2	1500	2	9300
2241	SONAI RIVER AT SONAI, ASSAM	ASSAM	21.0	26.0	5.3	5.7	7.1	7.3	85	126	1.3	5.7	0.2	1.6	2	1600	2	2100
2242	KUSHIARA RIVER AT KARIMGANJ, ASSAM	ASSAM	21.0	25.0	5.4	6.2	7.2	7.2	78	122	1.1	2.4	0.1	1.8	2	910	2	1400
2523	KAROLA, D-S OF JALPAIGURI, NEAR MIN BHAWAN	WEST BENGAL	19.0	30.0	6.0	7.8	6.5	7.9	32	153	2.2	3.4	0.2	0.6	2300	5000	8000	17000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2524	KALJANI D-S OF ALIPURDWAR, MUNICIPALITY DISCHARGE POINT	WEST BENGAL	21.0	30.0	6.1	8.0	6.8	9.0	111	174	1.3	3.2	0.2	0.6	2700	9000	11000	28000
2235	PANCHNAI RIVER AT NH-52 CROSSING, ORANG, ASSAM	ASSAM	20.0	28.0	5.8	7.3	6.6	7.9	64	89	1.0	2.7	0.1	1.9	2	1500	360	2800
2888	CHATHE RIVER NEAR CHRISTIAN INSTITUTE OF HEALTH SC	NAGALAND	17.0	29.0	3.6	8.7	7.0	8.0	11	198	0.8	3.4	0.2	1.0				
2889	DZUDZA RU IN KOHIMA, NAGALAND	NAGALAND	11.0	23.0	3.4	9.0	7.0	8.2	62	296	0.4	3.6	0.3	1.7				
2890	SANO RU IN KOHIMA, NAGALAND	NAGALAND	10.0	24.0	3.2	9.2	7.2	8.5	262	746	2.0	5.6	0.4	6.6				
2891	DZUCHA RU IN KOHIMA, NAGALAND	NAGALAND	13.0	27.0	4.4	7.8	6.9	8.5	146	985	1.7	3.6	0.4	5.5				
2892	DZUNA RU IN KOHIMA, ADJOINING THE NEW KOHIMA MUNIC	NAGALAND	12.0	28.0	3.3	6.9	6.9	8.5	114	1146	2.1	4.2	0.3	11.0				
2893	DZUNA RU (CONFLUENCE OF DZUCHA & DZUNA RU) IN KOHI	NAGALAND	11.0	28.0	4.8	7.6	7.1	7.8	124	420	1.6	3.6	0.1	3.4				
2894	MILAK RIVER AT TULI, MOKOKCHUNG, NAGALAND	NAGALAND	17.0	27.0	2.4	9.2	6.5	8.0	59	161	0.6	2.8	0.3	2.1				

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2895	MILAK RIVER AT PAPER NAGAR, TULI, MOKOKCHUNG, NAGA	NAGALAND	17.0	27.0	3.0	8.4	6.5	8.1	56	173	0.6	4.4	0.3	1.9				
3377	MYNTANG RIVER AT NARTIANG, JAYANTIA HILLS	MEGHALAYA	11.0	23.0	6.8	8.6	6.8	7.3	37	76	1.0	1.7	0.3	0.7	22	32	110	170
3378	MYNTANG RIVER AT MYNSO, JAYANTIA HILLS	MEGHALAYA	12.0	24.0	5.0	8.9	6.8	7.3	37	52	1.1	1.9	0.2	0.4	9	17	79	210
3380	DAMRING RIVER (KRISHNEI RIVER) AT RESUBELPARA, EAS	MEGHALAYA	17.0	30.0	7.1	8.2	7.1	7.4	63	101	1.2	1.9	0.3	0.4	25	34	150	240
3381	MANDA RIVER (DUDHAI RIVER) AT JAMPA, EAST GARO HIL	MEGHALAYA	17.0	30.0	6.8	8.0	6.7	7.5	55	118	1.1	6.0	0.4	0.5	22	27	120	210
3382	MANDA RIVER (DUDHAI RIVER) AT WAGAI, EAST GARO H	MEGHALAYA	17.0	30.0	7.2	8.3	7.2	7.6	50	98	1.0	1.6	0.3	0.6	21	31	130	280
3417	MANU RIVER AT MANUGHAT, CONFL POINT OF CHAWMANU CH	TRIPURA	20.0	29.0	5.8	7.6	6.1	7.8	66	147	0.3	0.7	0.2	0.4	120	220	210	350
3418	MANU RIVER AT KAILASHAHAR D/S, NORTH TRIPURA	TRIPURA	20.0	29.0	6.1	7.9	6.4	8.9	77	155	0.3	1.0	0.2	0.4	110	170	220	280
3419	MANU RIVER AT KUMARGHAT, NORTH TRIPURA	TRIPURA	20.0	29.0	6.8	8.6	6.8	8.8	74	169	0.4	1.1	0.2	0.4	94	170	210	350

**TABLE - 6: - WATER QUALITY OF RIVER MAHI AND ITS TRIBUTARY
STREAMS SHIVNA, JAMMER, MALEI & CHILLAR (2018)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4	MAHI AT SEVALIA, GUJARAT	GUJARAT	21	28	6.2	8.6	8.3	8.7	388	540	0.3	0.4	0.38	0.68	11	26	33	120
1229	MAHI NEAR RAJASTHAN BORDER AT KADANA DAM, GUJARAT	GUJARAT	25	33	7.2	8.4	7.9	8.4	354	460	0.3	0.3	0.5	0.74	2	4	11	21
1230	MAHI AFTER CONF. WITH ANAS AT PARDI (BANASWADA), G	GUJARAT	25	33	7.2	8.1	6.5	8.5	334	474	0.3	0.8	0.04	0.8	4	26	21	63
1231	MAHI AT VIRPUR, GUJARAT	GUJARAT	24	32	7.2	8.5	8	8.5	357	446	0.3	0.5	0.38	0.8	4	12	21	47
1863	MAHI AT UMETA BRIDGE	GUJARAT	23	37	7.2	8.4	7.8	8.5	300	494	0	0.4	0.38	0.8	11	14	33	49
1864	MAHI AT MUJPUR	GUJARAT	28	31	5.4	7.8	8.1	8.7	197	29200	0.3	0.8	0.4	0.88	11	14	33	50
5	MAHI AT VASAD, GUJARAT	GUJARAT	23	36	7.4	8.5	8	8.5	359	498	0.3	0.4	0.42	0.86	11	14	33	49
1233	MAHI AT BADNAWAR, M.P.	MADHYA PRADESH	21	30	6.4	8.5	7.8	8.7	352	957	1.2	2.1	0.018	1.032	2	25	40	70
3206	RIVER MAHI AT SINDHORT WEIR, GUJARAT	GUJARAT	22	31	6.5	8.3	8.2	8.8	329	663	0.4	0.5	0.4	0.66	11	40	33	210
3318	MAHI AT RANISINGH VILLAGE, RATLAM, UJJAIN	MADHYA PRADESH	22	27	7	7.6	7.2	8.4	226	540	1.8	3	0.071	0.948	2	902	40	220

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2103	RIVER JAMMER AT DHOLOWAD, RATLAM	MADHYA PRADESH	22	29	7	7.9	6.7	8.4	200	532	1.4	2.4	0.386	0.836	2	17	25	304
2104	RIVER MALEI AT JAORA	MADHYA PRADESH	24	29	6.8	7.8	7.3	8.4	207	1020	2.4	7	0.414	6.086	4	48	40	430
2105	RIVER CHILLAR AT SHAJAPUR	MADHYA PRADESH	22	27	6.4	7.2	7.6	8.3	272	323	2	2.6	0.486	1.124	2	58	40	540
1228	ANAS AT DAHOD, (KUSHALGARH), DIST. PANCHMAHAL, GUJ	GUJARAT	25	33	6.7	7.7	7.3	8.5	251	731	0.3	0.7	0.4	0.66	11	33	33	130
3848	ANAS RIVER NEAR ROAD BRIDGE JHABUA	MADHYA PRADESH	21	30	6	7.4	7.7	8.7	424	859	1.2	1.8	0.849	4.698	1	2	40	70

TABLE -7: WATER QUALITY OF RIVER SABARMATI (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1407	SABARMATI AT GANDHI NAGAR CHILODA BRIDGE, LEKAWADA	GUJARAT	25.0	30.0	4.9	8.0	8.1	9.3	5	437	1.4	7.4	0.10	0.12	23	68	63	330

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1408	SABARMATI AT VILL. MIROLI TALUKA DASCROI, AHMEDABA	GUJARAT	30.0	32.0			7.4	8.4	2285	3320	23.0	98.0	0.10	0.24	230	940	2400	9200
1409	SABARMATI AT RAILWAY BRIDGE AHMEDABAD, GUJARAT	GUJARAT	20.0	32.0	4.5	8.9	7.8	8.7	15	1558	1.4	47.0	0.09	0.22	13	84	240	920
1866	RIVER SABARMATI AT HANSAOL BRIDGE, GUJARAT	GUJARAT	20.0	30.0	4.8	8.2	7.7	8.6	320	656	3.0	5.0	0.10	0.15	13	24	170	540
1223	SABARMATI AFTER CONF. WITH MESHWA AT VAUTHA (NEAR	GUJARAT	28.0	30.0			7.6	8.5	2499	3334	11.0	63.0	0.11	0.28	83	430	920	2100
1	SABARMATI AT DHAROI DAM, GUJARAT	GUJARAT	26.0	29.0	5.5	9.6	7.5	8.6	344	588	1.1	2.0	0.03	0.76	2	4	8	17
2	SABARMATI AT AHMEDABAD AT V.N. BRIDGE, GUJARAT	GUJARAT	20.0	32.0	1.5	1.5	6.9	8.5	27	2474	51.0	358.0	0.13	0.25	140	1600	580	1600
1482	SABARMATI AT MAHUDI JAIN TEMPLE, 150 KM. FORM ORIG	GUJARAT	25.0	32.0	5.4	7.3	8.1	9.3	261	492	1.3	5.0	0.30	0.73	4	23	33	63
1222	SHEDHI AT KHEDA, GUJARAT	GUJARAT	23.0	30.0	2.3	7.4	7.5	8.5	603	3580	0.9	9.2	0.30	1.02	11	40	33	210
1224	MESHWA NEAR RAJASTHAN BORDER AT SAMLAJI, GUJARAT	GUJARAT	27.0	27.0	6.2	7.6	7.5	7.9	428	824	1.1	2.7	0.30	0.14	2	23	2	280

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1437	KHARI AT LALI VILLAGE NEAR AHMEDABAD, GUJARAT	GUJARAT	29.0	33.0	0.6	0.6	6.4	8.4	2160	3970	53.0	145.0	0.15	1.81	2300	5800	22000	160000
1227	PANAM AT LUNAWADA, GUJARAT	GUJARAT	24.0	33.0	3.2	7.8	7.8	8.5	323	370	0.3	0.8	0.42	0.78	2	46	2	210

TABLE - 8: WATER QUALITY OF RIVER NARMADA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
44	NARMADA AT SETHANIGHAT M.P.	MADHYA PRADESH	19.0	29.0	6.4	9.2	7.4	8.4	178	413	1.4	2.6	1.96	5.62	2	39	34	1600
45	NARMADA AT MANDLESHWAR M.P.	MADHYA PRADESH	20.0	29.0	6.9	7.6	8.2	8.8	282	480	1.0	1.5	0.50	1.03	2	2	34	50
1240	NARMADA AT NARSINGHPUR M.P.	MADHYA PRADESH	19.0	26.0	7.0	7.8	7.0	8.3	211	412	1.2	7.6	0.25	1.60	2	13	26	48
1234	NARMADA AT HOSHANGABAD U S M.P.	MADHYA PRADESH	20.0	29.0	7.4	9.2	7.2	8.9	131	518	1.1	1.9	0.87	3.86	2	70	15	2400
2123	NARMADA AT KORIGHAT HOSHANGABAD	MADHYA PRADESH	19.0	29.0	5.7	9.0	7.8	8.4	135	415	1.1	2.7	1.28	5.24	2	47	27	1600
2106	RIVER NARMADA AT NEMAWAR	MADHYA PRADESH	22.0	26.0	6.9	7.5	7.2	8.4	242	338	1.8	2.0	0.52	0.92	2	70	40	540

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2099	RIVER NARMADA LALPUR, JABALPUR	MADHYA PRADESH	18.0	20.0	7.2	8.0	7.4	8.4	156	584	0.9	1.5	0.30	1.52	2	18	21	41
3322	NARMADA AT MANDLA, NEAR SHAMSHANGHAT, JABALPUR	MADHYA PRADESH	19.0	20.0	7.0	10.4	6.9	8.5	159	386	0.4	1.8	0.20	1.70	2	11	39	47
3323	NARMADA AT LALPUR, NEAR WATER SUPPLY INTAKE POINT,	MADHYA PRADESH	18.0	20.0	5.8	8.0	7.4	8.4	160	603	0.8	1.8	0.30	1.50	2	6	26	49
3324	NARMADA AT PANCHWATIGHAT, BEFORE MIXING WITH BAWAN	MADHYA PRADESH	19.0	25.0	7.4	8.5	7.2	8.4	238	382	1.0	2.1	0.10	1.56	2	14	26	46
3325	NARMADA AT SARSWATIGHAT, AFTER MIXING WITH BAWANGA	MADHYA PRADESH	18.0	25.0	6.7	7.8	7.2	8.3	202	380	0.7	1.8	0.25	1.60	2	14	24	48
1430	NARMADA AT D S OF OMKARESHWAR M.P.	MADHYA PRADESH	20.0	29.0	6.9	7.7	7.8	8.8	35	612	1.1	1.8	0.42	1.42	2	2	40	70
1431	NARMADA AT MAHESHWAR, M. P.	MADHYA PRADESH	20.0	29.0	6.8	7.9	7.9	8.6	300	461	1.0	1.5	0.60	1.10	2	2	40	50
2112	RIVER NARMADA NEAR MORTAKKA BRIDGE, BADWAH	MADHYA PRADESH	20.0	30.0	6.7	7.8	6.6	8.9	304	576	1.1	6.8	0.34	1.09	2	2	40	70
2113	RIVER NARMADA NEAR PUNASA DAM, PUNASA	MADHYA PRADESH	20.0	29.0	6.5	7.7	7.9	8.8	300	544	1.0	1.6	0.49	1.18	2	2	27	49
2118	NARMADA RIVER AT D/S OF KAPILDHARA	MADHYA PRADESH	20.0	29.0	6.8	14.5	7.5	8.1	183	538	1.3	2.0	0.24	0.89	2	4	21	70

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3321	NARMADA AT AMARKANTAKE FROM ORIGIN POINT, REWA	MADHYA PRADESH	20.0	29.0	7.2	8.2	7.7	8.1	232	551	0.9	2.5	0.26	0.66	2	6	24	94
1235	NARMADA AT HOSHANGABAD D S M.P.	MADHYA PRADESH	19.0	30.0	2.4	8.7	7.6	8.5	209	404	1.2	2.9	0.87	17.11	2	65	20	1600
1239	NARMADA AT BADWANI, M.P.	MADHYA PRADESH	21.0	30.0	5.9	8.4	7.9	8.9	175	601	0.9	2.6	0.01	1.90	2	2	30	606
1242	NARMADA NEAR SOURCE AT AMARKANTAK M.P.	MADHYA PRADESH	20.0	29.0	6.4	7.4	6.9	8.0	179	359	0.3	1.4	0.12	0.48	2	2	2	6
3847	NARMADA RIVER AT DHARAMPURI	MADHYA PRADESH	20.0	30.0	6.5	8.0	7.8	8.9	277	541	0.4	1.6	0.49	2.93	2	2	34	60
7	NARMADA AT GARUDESHWAR, GUJARAT	GUJARAT	27.0	30.0	6.1	7.1	7.1	8.1	320	622	0.9	1.0	0.30	0.60	13	26	33	110
1243	NARMADA AT BHARUCH, ZADESHVAR, GUJARAT	GUJARAT	26.0	29.0	6.2	7.2	7.8	8.1	543	12900	0.9	1.7	0.02	0.52	70	170	330	1100
1244	NARMADA AT PANETHA, GUJARAT	GUJARAT	28.0	32.0	6.3	7.4	7.0	8.1	5	642	0.9	1.0	0.05	1.04	11	33	33	94
1245	NARMADA AT CHANDOD, GUJARAT	GUJARAT	0.0	29.0	7.1	8.7	7.7	8.5	365	562	0.3	0.8	0.04	0.88	4	26	21	63

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1981	NARMADA AT ZANOR (NTPC), BHARUCH	GUJARAT	26.0	29.0	6.4	7.5	7.5	8.1	376	1070	0.9	1.0	0.01	0.32	17	49	49	140

TABLE - 8.1: WATER QUALITY OF TRIBUTARY STREAMS CHOTA TAWA, GOUR, KUNDA, KATNI, HIRAN, SIMRAR AND BANJAR (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	16.0	35.0	6.8	7.8	7.1	8.7	211	374	1.0	1.9	0.1	6.5	2	12	21	70
2101	KATNI RIVER NEAR NAGAR NIGAM	MADHYA PRADESH	25.0	31.0	5.4	6.7	7.3	8.3	162	478	1.0	2.2	0.3	1.8	2	63	27	220
3305	RIVER BANJAR AT MALANJKHAND NEAR W/S INTAKE POINT,	MADHYA PRADESH	20.0	29.0	6.1	8.1	7.2	8.3	178	432	0.6	2.7	0.3	4.2	2	12	20	70
3828	RIVER HIRAN, NH 7 ROAD BRIDGE, SIHORA, DIST JABALP	MADHYA PRADESH	18.0	24.0	6.9	10.8	7.3	8.7	171	468	1.2	2.3	0.2	1.3	2	40	31	210
3829	RIVER HIRAN, NH - 12 ROAD BRIDGE VIL VIKRAMPUR ,DIS	MADHYA PRADESH	19.0	26.0	6.8	7.7	7.3	8.6	287	511	1.5	2.0	0.3	4.3	2	17	31	140

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3326	SIMRAR AT KATNI NEAR ACC W/S INTAKE POINT, JABLAPU	MADHYA PRADESH	24.0	29.0	5.0	6.4	7.4	8.3	168	561	1.3	2.7	0.4	1.9	2	34	26	280

TABLE - 9: WATER QUALITY OF RIVER TAPI (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
9	TAPI AT NEPANAGAR M.P.	MADHYA PRADESH	23.0	30.0	6.2	7.6	7.6	8.7	262	601	1.0	2.6	0.67	2.13	1	2	36	170
10	TAPI AT BURHANPUR M.P.	MADHYA PRADESH	23.0	30.0	5.0	8.0	7.8	8.9	264	1678	1.4	6.0	0.69	12.31	2	2	63	500
1250	TAPI AT HATHNUR M.P.	MADHYA PRADESH	23.0	30.0	4.0	7.5	7.9	8.9	362	1766	1.2	24.0	0.76	14.30	2	2	49	920
2115	RIVER TAPTI AT NEPA NAGAR 100 METRE D/S AFTER MIXI	MADHYA PRADESH	23.0	30.0	6.8	7.6	7.6	8.8	279	673	1.2	2.4	0.62	3.22	2	210	21	70
1251	TAPI RIVER AT U/S, BHUSAWAL,VILLAGE-BHUSAWAL RAILWAY COLONY, TALUKA-BHUSAWAL, DISTRICT- JALGAON.	MAHARASHTRA	24.0	34.0	4.8	7.1	7.6	8.9	263	1842	3.0	14.0	0.30	3.36	2	2	140	220

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1314	TAPI RIVER AT UBAD VILLAGE NEAR GUJRATBORDER, VILLAGE- UBAD, TALUKA- SHAHADA, DISTRICT- NANDURBAR.	MAHARASHTRA	24.0	40.0	5.8	7.1	7.6	8.5	383	679	2.8	6.0	0.30	3.96	2	4	110	350
1247	TAPI AT MANDAVI, GUJARAT	GUJARAT	26.0	32.0	7.1	7.6	7.5	8.2	329	555	0.6	1.5	0.06	0.12	9	49	46	348
1248	TAPI AT SURAT U/S KATHORE, GUJARAT	GUJARAT	26.0	34.0	6.8	8.0	6.9	8.3	440	938	0.7	1.5	0.06	0.16	9	177	58	278
1982	TAPI AT RANDE BRIDGE, SURAT	GUJARAT	25.0	34.0	6.7	7.5	7.0	8.3	434	968	0.9	1.9	0.09	0.14	9	542	58	542
1983	RIVER TAPI NEAR BARDOLI (KAPP BRIDGE) BARDOLI	GUJARAT	27.0	32.0	6.9	7.6	7.3	8.3	336	462	0.7	1.1	0.03	0.15	8	32	63	148
2071	RIVER TAPI AT ONGC BRIDGE AT SURAT, DIST. SURAT	GUJARAT	26.0	34.0	6.0	6.6	7.1	7.9	2125	52048	2.1	4.2	0.06	0.22	12	345	94	542
46	TAPI AT UKAI, SHERULA BRIDGE, GUJARAT	GUJARAT	22.0	30.0	6.6	7.5	7.3	8.5	331	553	0.6	1.4	0.04	0.14	2	17	2	83
47	TAPI AT KATHORE, (NH-8 BRIDGE), GUJARAT	GUJARAT	26.0	34.0	6.9	7.4	7.1	8.5	418	685	0.6	1.6	0.08	0.13	2	41	32	278
2070	RIVER KIM AT SAHOL BRIDGE, OLPAD HANSOT ROAD, DIST	GUJARAT	28.0	34.0	5.1	6.8	7.2	8.4	590	2668	1.0	3.0	0.10	0.16	12	58	63	242

**TABLE - 9.1: WATER QUALITY OF RIVER GIRNA, RANGAVALLI, DENWA, PURNA, AMRAVATI,
BORI, GUMAI, HIWARA, MOR, MORNA, PEDHI, PANZAR, TITUR AND WAGHUR (2018)**

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1252	GIRNA RIVER AT JALGAON AT INTAKE OF GIRNA PUMP HOUSE, VILLAGE-GIRNA PUMP HOUSE AREA, TALUKA-JALGAON, DISTRICT-JALGAON.	MAHARASHTRA	24.0	27.0	3.0	5.9	7.6	7.9	391	590	4.0	6.0	0.30	6.12	2	4	140	220
1253	GIRNA RIVER AT MALEGAON ROAD BRIDGE, VILLAGE-MALEGAON, TALUKA-MALEGAON, DISTRICT- NASHIK.	MAHARASHTRA	20.0	23.0	5.7	5.8	7.8	7.9	528	556	6.0	7.0	0.30	3.55	2	4	170	220
1907	RANGAVALI RIVER AT D/S OF NAVAPUR NEAR RANGAVALI BRIDGE, VILLAGE-NAVAPUR, TALUKA-NAVAPUR, DISTRICT-NANDURBAR.	MAHARASHTRA	32.0	38.0	3.1	6.4	6.9	8.4	521	59860	4.0	18.0	0.30	5.46	2	70	220	540
2127	DENWA NEAR SARNI, ROAD BRIDGE	MADHYA PRADESH	18.0	28.0	6.5	8.7	7.7	8.2	236	694	1.2	2.4	0.30	3.45	2	2	120	1600

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2155	PURNA RIVER AT D/S OF CONFLUENCE OF MORNA AND PURNA, AT ANDURA VILLAGE, VILLAGE- ANDURA, TALUKA- BALAPUR, DISTRICT- AKOLA.	MAHARASHTRA	22.0	30.0	4.1	6.2	7.0	8.3	589	29500	5.2	12.0	0.30	18.04	17	90	280	500
3203	AMRAVATI AT VILLAGE DADHAL , TA ANKLESHWAR, BHARUCH	GUJARAT	28.0	35.0	4.3	7.0	7.6	8.4	263	2580	0.9	1.8	0.15	0.46	21	79	110	280
2658	BORI RIVER, D/S OF AMALNER, VILLAGE- AMALNER, TALUKA- JALGAON, DISTRICT- JALGAON.	MAHARASHTRA	25.0	28.0	2.4	6.2	6.6	8.1	771	896	4.0	6.1	0.20	3.06	2	94	220	280
2666	GOMAI RIVER D/S. OF SHAHADA, VILLAGE- SHAHADA, TALUKA- DHULE, DISTRICT- DHULE.	MAHARASHTRA	27.0	27.0	4.5	4.5	8.2	8.2	564	564	5.9	5.9	0.20	1.38	79	79	280	280
2667	HIWARA RIVER AT D/S OF PACHORA, VILLAGE- PACHORA, TALUKA- JALGAON, DISTRICT- JALGAON.	MAHARASHTRA	27.0	27.0	3.5	5.4	8.1	8.3	622	653	3.0	8.1	0.20	2.30	2	110	350	350
2674	MOR RIVER NEAR PADALASHE, VILLAGE- PADALASHE, TALUKA- JALGAON, DISTRICT- JALGAON.	MAHARASHTRA	27.0	29.0	4.1	6.4	7.4	8.1	634	2123	4.2	6.1	0.20	2.37	2	110	170	540
2675	MORNA RIVER D/S OF RAILWAY BRIDGE AKOLA	MAHARASHTRA	21.0	29.0	0.9	5.1	6.5	8.2	364	8719	5.3	34.0	0.20	9.15	46	350	120	1600

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2684	PANZARA RIVER, NEAR PANZARAKAN SSK LTD, VILLAGE-PANZARA, TALUKA-DHULE, DISTRICT-DHULE.	MAHARASHTRA	24.0	39.0	5.3	7.0	7.5	8.5	443	684	3.0	8.6	0.20	6.48	2	2	170	280
2695	PEDHI RIVER NEAR ROAD BRIDGE AT DADHI- PEDHI VILLAGE, VILLAGE-DADHI- PEDHI, TALUKA- BHATKULI, DISTRICT- AMRAVATI.	MAHARASHTRA	18.0	25.0	1.3	6.6	6.9	8.3	466	5565	5.2	25.2	0.53	15.10	34	170	220	540
2710	TITUR RIVER AT D/S OF CHALISGAON, VILLAGE-CHALISGAON, TALUKA-JALGAON, DISTRICT-JALGAON.	MAHARASHTRA	28.0	28.0	5.6	5.6	8.0	8.0	748	748	8.6	8.6	0.30	2.38	2	2	280	280
2718	WAGHUR RIVER AT-SAKEGAON BEFORE CONFLUENCE WITH TAPI RIVER, VILLAGE-SAKEGAON, TALUKA-JALGAON, DISTRICT-JALGAON.	MAHARASHTRA	27.0	28.0	5.9	6.3	8.0	8.2	362	628	4.0	4.2	0.30	2.71	2	170	220	900

TABLE - 10: WATER QUALITY OF RIVER MAHANADI (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
1264	MAHANADI AT RUDRI U/S AT DHAMTORI RESERVOIR, CHHAT	CHHATTISGARH	24.0	33.0	6.2	7.4	7.7	7.9	218	512							210	240
1852	MAHANADI AT ARRANG, RAIPUR, CHHATISGARH.	CHHATTISGARH	25.0	30.0	5.6	7.2	7.6	7.7	262	484							240	240
1100	MAHANADI AT KHARAD, CHHATISGARH.	CHHATTISGARH	21.0	38.0	7.4	8.9	8.0	8.5	104	410	1.0	3.0	1.70	5.80			17	350
1282	MAHANADI AT SHEORINARAYAN VILLAGE, CHHATISGARH.	CHHATTISGARH	26.0	36.0	7.3	9.9	8.0	8.5	128	424	1.3	2.9	2.40	6.20			34	350
1467	MAHANADI AFTER CONFL. WITH RIVER MAND, CHHATISGARH	CHHATTISGARH	22.0	36.0	7.2	8.2	8.0	8.5	158	432	1.2	3.0	1.80	6.40			25	500
1099	MAHANADI AT U/S OF RAJIM, CHHATISGARH.	CHHATTISGARH	24.0	33.0	5.6	7.4	7.4	7.9	238	456							210	240
1101	MAHANADI AT INTERSTATE BOUNDRY, CHHATISGARH.	CHHATTISGARH	15.0	27.0	6.8	7.2	7.3	7.5	189	221	0.3	2.9	0.10	1.12			21	460
1281	MAHANADI AT HIRAKUD RESERVOIR, ODISHA	ODISHA	24.0	30.0	6.7	8.2	6.6	8.3	135	298	0.3	1.7	0.20	1.41	2	9200	20	16000
1270	MAHANADI AT SAMBALPUR U/S, ODISHA	ODISHA	24.0	31.0	6.9	8.4	6.6	8.3	135	261	0.6	1.7	0.18	1.23	20	1700	45	4900

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1271	MAHANADI AT SAMBALPUR D/S, ODISHA	ODISHA	24.0	31.0	6.7	8.4	7.2	8.4	137	290	0.6	2.2	0.30	1.31	20	11000	130	22000
2405	SAMBHALPUR FDS AT HUMA	ODISHA	23.0	30.0	6.5	8.4	6.9	8.3	146	266	0.4	1.4	0.25	1.64	45	5400	170	9200
1272	MAHANADI D/S (AFTER CONFL. WITH R. ONG SONEPUR U/S)	ODISHA	23.0	32.0	6.7	8.4	6.9	8.3	146	262	0.2	1.5	0.20	1.16	2	110	2	460
1274	MAHANADI AFTER CONFL. WITH R.TEL (SONEPUR D/S), OR	ODISHA	23.0	31.0	6.1	7.8	7.0	8.4	192	263	0.4	2.1	0.26	1.32	20	1300	130	3500
1275	MAHANADI AT TIKARPADA, ODISHA	ODISHA	21.0	30.0	6.4	10.2	6.7	8.4	161	252	0.2	1.5	0.07	0.89	2	2200	20	3500
1276	MAHANADI AT NARSINGHPUR, ODISHA	ODISHA	20.0	30.0	7.4	10.0	6.7	8.5	154	234	0.4	0.9	0.10	0.80	2	1300	20	3500
1277	MAHANADI AT CUTTACK U/S, ODISHA	ODISHA	22.0	32.0	6.8	10.2	7.1	8.4	145	221	0.3	1.0	0.11	1.13	20	1300	45	2400
1278	MAHANADI AT CUTTACK D/S, ODISHA	ODISHA	20.0	32.0	6.4	9.8	7.2	8.3	148	240	0.6	2.3	0.07	6.78	68	16000	790	16000
1639	MAHANADI AT PARADEEPD/S, ODISHA	ODISHA	23.0	30.0	6.8	8.2	7.0	8.1	203	51284	0.3	1.8	0.20	1.35	2	230	2	490
2404	POWER CHANNEL D/S NEAR BURLA	ODISHA	24.0	30.0	5.2	8.6	6.9	8.2	153	227	0.5	2.0	0.22	1.17	20	1300	20	3500
2406	MUNDALI(WATER INTAKE POINT OF BHUBANESWAR CITY	ODISHA	23.0	32.0	7.2	9.8	7.2	8.4	153	228	0.3	1.1	0.05	1.19	20	490	78	1300

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
3167	SHEONATH AT RAJNANDGAON, D/S AT MOHAD, RAJNANDGAON	CHHATTISGARH	28.0	28.0	6.3	7.4	7.4	7.6											
1847	KHAROON RIVER B/C KHAPRI DRAIN, DURG, RAIPUR ROAD	CHHATTISGARH	28.0	28.0	6.2	7.8	7.3	7.7											
1846	KHAROON RIVER A/C KHAPRI DRAIN, CHHATTISGARH.	CHHATTISGARH	28.0	28.0	6.4	7.8	7.2	7.6											
1853	KHAROON RIVER BUNDRI, RAIPUR, CHHATTISGARH.	CHHATTISGARH	24.0	34.0	6.2	7.0	7.6	7.7	238	562							240	240	
1105	HASDEO AT U/S KORBA, CHHATTISGARH.	CHHATTISGARH	25.0	26.0	1.6	7.6	7.1	7.2			0.4	14.0	0.20	0.45					
1106	HASDEO AT U/S OF CHAMPA, CHHATTISGARH.	CHHATTISGARH	22.0	39.0	7.0	8.0	8.0	8.5	125	470	1.0	3.0	2.60	6.70			30	500	
3165	HASDEO RIVER 100 METER DOWNSTREAM AFTER CONFLUENCE	CHHATTISGARH	25.0	26.0	6.6	7.2	7.1	7.7			0.8	1.8	0.30	0.57					
3168	DOWNSTREAM OF HASDEO RIVER NEAR URG A VILLAGE KORBA	CHHATTISGARH	25.0	26.0	6.2	7.2	7.2	7.4			1.2	2.4	0.30	0.70					
1848	ARPA RIVER D/S OF BILASPUR, CHHATTISGARH.	CHHATTISGARH	31.0	36.0	6.0	6.9	8.5	8.5	207	235	1.7	2.6	2.70	3.00			110	170	

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1849	KELO RIVER U/S OF RAIGARH, CHHATTISGARH.	CHHATTISGARH	15.0	27.0	6.7	7.2	7.4	7.5	191	220	0.5	2.8	0.86	1.14	120	120	39	460
1850	KELO RIVER D/S OF RAIGARH, CHHATTISGARH.	CHHATTISGARH	15.0	27.0	6.6	7.0	7.5	7.7	27	221	1.9	3.6	0.96	2.16			64	460
3169	DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA	CHHATTISGARH	25.0	26.0	6.6	7.6	7.2	7.3			0.6	7.2	0.30	0.54				
3170	DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA	CHHATTISGARH	25.0	26.0	7.0	7.8	7.2	7.3			0.2	7.2	0.30	0.44				
1267	IB AT SUNDARGARH, ODISHA	ODISHA	21.0	35.0	5.3	8.6	6.6	7.9	111	212	0.4	2.0	0.13	0.99	20	2200	45	3500
1268	IB AT JHARSUGUDA (INTAKE), ODISHA	ODISHA	17.0	28.0	7.2	8.0	6.5	8.6	114	648	0.4	1.7	0.05	1.65	20	14000	110	4300
1300	IB AT RAJ NAGAR U/S, ODISHA	ODISHA	17.0	28.0	6.8	8.0	6.9	8.4	107	392	0.4	1.8	0.06	0.96	2	14100	20	3500
1269	IB AT BRAJRAJNAGAR (INTAKE) D/S, ODISHA	ODISHA	16.0	30.0	7.2	8.2	6.9	8.4	111	534	0.5	2.9	0.08	1.56	2	2800	45	4300
2403	BHEDEN RIVER BEFORE CONFLUENCE WITH IB RIVER	ODISHA	16.0	31.0	7.4	8.2	7.2	8.4	102	339	0.6	2.8	0.06	2.42	2	9200	2	16000
1279	KUAKHAI AT BHUBANESWAR U/S, ODISHA	ODISHA	21.0	31.0	5.3	9.7	6.5	8.3	146	245	0.6	1.6	0.05	1.51	490	2400	1300	3500

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1280	KUAKHAI AT BHUBANESWAR D/S, ODISHA	ODISHA	19.0	32.0	0.9	7.8	6.7	8.2	163	384	1.5	7.4	0.97	12.38	4900	160000	13000	160000
2410	BHUBANESWAR FU/S	ODISHA	20.0	31.0	5.5	8.7	6.7	8.4	146	221	0.4	1.5	0.08	1.01	130	1700	330	3500
2411	BHUBANESWAR FD/S (2 KM AFTER CONFLUENCE OF GANGUA	ODISHA	19.0	32.0	1.2	11.1	6.8	8.1	161	390	1.3	7.4	0.60	15.32	1300	160000	3300	160000
1301	KATHAJODI AT CUTTACK D/S, ODISHA	ODISHA	23.0	36.0	4.6	8.4	6.8	8.4	155	384	0.7	5.7	0.10	7.09	330	92000	790	160000
2412	SANKHA U/S (D/S OF MANDIRA DAM)	ODISHA	20.0	35.0	4.8	8.2	6.7	8.1	111	324	0.4	1.8	0.06	4.46	130	16000	330	43000
2408	TEL	ODISHA	24.0	32.0	6.6	8.4	6.5	8.3	148	206	0.3	1.9	0.19	0.76	2	700	2	1300
1640	BIRUPA AT CHOUDWAR, ODISHA	ODISHA	23.0	32.0	6.6	9.2	6.7	8.2	161	273	0.4	1.8	0.02	1.62	2	2400	40	3500
2409	CUTTACK FDS (SERUA) AT SANKHATRASA	ODISHA	21.0	31.0	5.6	7.8	7.1	8.5	139	335	0.6	58.5	0.12	1.79	78	92000	230	160000
3887	SAMBALPUR FD/S T SHANKARMATH	ODISHA	22.0	31.0	6.0	8.2	6.7	8.4	161	273	0.5	1.8	0.22	1.14	20	9200	20	16000
3889	ONG AT DHARUAKHAMMA	ODISHA	23.0	32.0	6.7	8.4	6.4	8.5	141	397	0.2	2.7	0.18	2.56	2	3500	2	5400
3891	KATHJODI U/S	ODISHA	20.0	31.0	6.9	8.4	6.5	8.1	140	220	0.4	1.4	0.04	1.46	45	3500	140	5400
3892	KATHJODI FD/S AT MATTAGAJPUR	ODISHA	22.0	31.0	4.2	9.2	6.9	8.5	152	357	0.8	3.9	0.14	2.00	330	54000	790	92000
3893	KATHJODI AT KAMASASAN	ODISHA	22.0	30.0	6.6	8.6	7.2	8.1	144	313	0.5	2.6	0.15	3.74	20	1700	78	4900
3894	DAYA AT GELAPUR	ODISHA	20.0	31.0	6.0	9.9	7.0	8.3	145	224	0.5	1.9	0.24	0.88	45	16000	170	16000
3895	DAYA AT KANAS	ODISHA	20.0	32.0	2.8	8.9	6.9	8.4	167	356	0.8	4.4	0.23	4.69	20	16000	200	16000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3896	GANGUA NEAR RAJDHANI ENGINEERING COLLEGE	ODISHA	20.0	32.0	0.4	4.6	6.5	7.6	211	419	3.6	31.3	0.22	8.21	54000	160000	92000	160000
3897	GANGUA AT PALASUNI	ODISHA	21.0	31.0	0.5	3.2	6.5	7.7	204	416	4.1	34.3	0.22	9.73	54000	160000	92000	160000
3898	GANGUA AT SAMANTARAPUR	ODISHA	19.0	31.0	0.0	3.8	3.8	7.9	273	718	3.6	70.8	0.21	12.83	54000	160000	54000	160000
3899	GANGUA AT VADIMULA	ODISHA	20.0	32.0	0.7	6.6	6.7	8.1	187	510	3.4	16.3	0.33	0.38	4900	160000	5400	160000
3900	KENDRAPADA U/S	ODISHA	20.0	31.0	5.2	7.6	7.1	8.4	164	1999	0.3	2.2	0.04	2.41	110	28000	330	43000
3901	KENDRAPADA D/S	ODISHA	20.0	32.0	4.4	7.8	7.0	8.4	164	1971	0.8	2.5	0.21	2.04	490	54000	790	92000
3902	DEVI AT MACCHIGAON	ODISHA	23.0	30.0	6.2	7.6	7.2	8.2	168	39970	0.3	1.4	0.14	1.45	2	2400	20	3500
3903	KUSHABHADRA AT BHINGARPUR	ODISHA	22.0	31.0	5.1	10.0	6.9	8.4	189	410	0.7	2.5	0.19	1.86	20	5400	130	9200
3904	KUSHABHADRA AT NIMAPARA	ODISHA	22.0	33.0	5.5	8.5	7.0	8.5	152	789	0.7	2.4	0.22	0.96	20	16000	78	16000
3905	KUSHABHADRA AT GOP	ODISHA	23.0	34.0	5.2	8.2	7.0	8.5	183	334	0.5	2.2	0.19	1.15	330	16000	790	17000
3906	PURI U/S MALATIPATPUR	ODISHA	23.0	31.0	4.8	8.6	6.6	8.4	164	522	0.4	1.7	0.03	1.46	270	5400	490	9200
3907	PURI AT GOLASAHU	ODISHA	25.0	32.0	3.2	11.6	7.2	8.4	169	32040	1.3	5.8	0.66	8.31	490	16000	1300	17000
3908	BHARGAVI AT CHANDANPUR	ODISHA	23.0	31.0	4.3	10.3	7.4	8.5	160	506	0.5	2.0	0.02	0.94	110	5400	330	16000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3909	KANSARI RIVER AT BANAPUR ROAD NEAR PURUSHOTTAMPUR	ODISHA	17.0	33.0	4.4	8.4	6.7	8.4	141	560	0.6	3.6	0.26	1.61	130	16000	330	35000
3910	BADASANKHA NADI NEAR LANGALESWAR	ODISHA	17.0	33.0	3.3	10.1	7.1	8.4	144	7583	0.6	5.4	0.10	7.69	78	5400	330	16000
3911	RATNACHIRA NAADI AT KUMARADIHI	ODISHA	21.0	30.0	3.1	9.0	7.1	8.5	121	605	0.8	3.5	0.02	2.57	45	16000	170	16000
3912	NUNA NADI AT BIJIPUR	ODISHA	20.0	32.0	5.6	8.4	7.0	8.5	143	375	0.2	2.7	0.07	1.18	220	16000	490	16000
3913	KUSUMI NADI NEAR TANGI (LAXMIDHARA PUR)	ODISHA	19.0	32.0	6.2	8.4	7.3	8.3	127	314	0.4	1.7	0.32	1.95	68	16000	110	16000
3914	SABULIA NADI NEAR RAMBHA (AT JAGANNATHPATNA)	ODISHA	17.0	33.0	4.1	8.6	7.5	8.5	187	730	0.8	2.4	0.14	2.84	78	16000	230	16000
3942	SONO RIVER AT KANANDURGA ROD NEAR REMUNA	ODISHA	13.0	27.0	5.0	8.4	6.9	8.4	122	294	0.4	2.3	0.08	1.36	45	2300	220	4300
3943	BALASORE U/S	ODISHA	13.0	29.0	6.4	8.8	7.0	8.3	118	279	0.2	2.3	0.10	1.07	330	5400	790	9200
3944	RUSSELKUNDA RESERVOIR	ODISHA	10.0	26.0	6.0	9.8	7.0	8.3	145	185	0.8	2.0	0.11	1.03	2	2800	45	4300
3945	RUSHIKULYA AT ASKA	ODISHA	9.0	25.0	6.0	8.6	6.9	8.5	222	342	0.4	1.5	0.23	1.46	45	2700	230	5400
3946	BADA NADI AT ASKA	ODISHA	10.0	27.0	6.5	9.5	7.4	8.4	238	554	0.3	1.8	0.14	0.78	45	2800	170	4300
3947	NALABANTA	ODISHA	9.0	26.0	6.0	10.0	7.5	8.4	247	498	0.4	1.8	0.11	1.15	2	3500	61	5400

TABLE - 12 (A): - WATER QUALITY OF RIVER BAITARNI AND ITS TRIBUTARY STREAM - KUSEI (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1081	BAITARNI AT JODA ODISHA	ODISHA	16.0	28.0	6.2	8.7	6.9	8.3	97	167	0.4	1.3	0.18	0.97	20	1700	20	3500
1082	BAITARNI AT ANANDPUR, ODISHA	ODISHA	17.0	28.0	6.8	8.1	7.0	8.4	126	204	0.5	2.0	0.07	1.27	78	2400	170	3600
1083	BAITARNI AT JAJPUR ODISHA	ODISHA	17.0	28.0	6.5	8.4	7.4	8.4	118	233	0.3	1.4	0.01	1.36	20	16000	78	16000
1084	BAITARNI AT CHANDBALI, ODISHA	ODISHA	17.0	30.0	5.6	9.2	7.1	8.4	145	19730	0.5	2.1	0.22	1.63	330	16000	1100	16000
1085	BAITARNI AT DHAMRA ODISHA	ODISHA	17.0	28.0	5.6	8.8	6.9	8.1	284	45150	0.4	1.9	0.02	1.57	130	16000	330	16000
3935	BAITARNI RIVER AT NAIGARH	ODISHA	16.0	26.0	6.2	8.9	6.7	8.4	65	315	0.4	1.8	0.18	1.32	20	1100	78	3500
3936	BAITARNI RIVER AT UNCHABALI	ODISHA	15.0	26.0	6.1	8.4	6.0	8.4	76	155	0.3	1.8	0.23	1.08	5	2200	23	3500
3937	BAITARNI RIVER AT CHAMPUA	ODISHA	17.0	29.0	6.0	7.8	6.8	8.3	108	168	0.3	2.4	0.08	0.93	20	1700	78	3500
3938	BAITARNI RIVET AT TRIBINDHA	ODISHA	15.0	29.0	6.4	8.2	6.9	8.3	99	213	0.4	2.2	0.07	1.68	20	1700	78	3500
2421	KUSEI BEFORE JOINING WITH BAITARANI RIVER AT ANAND	ODISHA	19.0	28.0	7.1	9.6	7.0	8.5	97	346	0.7	2.2	0.10	1.02	110	2800	390	5400
3939	KUNDRA NALLAH AT JODA	ODISHA	15.0	28.0	6.0	8.3	6.9	8.4	121	195	0.3	2.1	0.08	2.25	18	2200	68	4300
3940	BHADRAK U/S	ODISHA	13.0	25.0	5.2	9.6	7.1	8.4	99	249	0.3	1.2	0.10	1.52	130	5400	490	5400
3941	BHADRAK D/S	ODISHA	13.0	26.0	5.6	9.6	6.4	8.4	97	273	0.7	1.8	0.01	1.94	330	35000	790	54000

TABLE - 12 (B): - WATER QUALITY OF RIVER BRAHMANI AND ITS TRIBUTARY STREAMS KOEL, KANDHITARA, NANDIRA, KISIMDAJHOR, KARO, KOEL, NORTH KOEL, SANKH, BADAJHOR, GURADI, LINGIRA, KANIHA, AUL & SINGDA JHOR (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1038	BRAHMANI AT D/S PANPOSH, ODISHA	ODISHA	23.0	33.0	3.5	7.4	6.6	8.2	207	494	1.5	7.6	0.95	11.07	1700	49000	5400	92000
1302	BRAHMANI AT ROURKELA D/S, ODISHA	ODISHA	22.0	33.0	3.7	8.0	6.6	8.2	150	308	0.8	6.5	0.65	7.49	490	35000	1300	92000
2414	ROURKELA FDS AT BIRITOLA	ODISHA	21.0	33.0	5.2	8.2	6.7	8.2	141	273	0.4	2.8	0.27	2.89	20	5400	45	9200
1039	BRAHMANI AT BONAIGARH, ODISHA	ODISHA	21.0	32.0	4.9	9.0	7.0	8.2	111	245	0.1	5.2	0.70	7.02	2	1700	20	7900
1040	BRAHMANI AT RENGALI, ODISHA	ODISHA	20.0	30.0	6.0	9.0	6.9	8.2	111	199	0.5	1.5	0.05	1.08	20	540	68	1600
1041	BRAHMANI AT SAMAL, ODISHA	ODISHA	19.0	31.0	4.8	9.2	7.1	8.3	102	187	0.2	1.9	0.06	1.18	45	1300	130	3500

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1303	BRAHMANI AT TALCHER U/S, ODISHA	ODISHA	19.0	31.0	6.4	8.6	7.2	8.2	117	286	0.5	1.2	0.17	1.19	45	3500	130	9200
2415	TALCHER FU/S (INTAKE WELL OF MCL, TALCHER)	ODISHA	18.0	30.0	7.2	9.0	7.1	8.3	121	173	0.4	1.1	0.10	0.80	20	1700	78	5400
2416	TALCHER FD/S	ODISHA	20.0	30.0	6.4	9.1	7.0	8.2	126	266	0.2	1.7	0.20	0.90	20	3500	45	7900
1042	BRAHMANI AT KAMALANGA, ODISHA	ODISHA	19.0	29.0	6.9	8.8	6.6	8.1	124	249	0.2	2.8	0.19	1.05	20	4600	270	11000
2417	DHENKANAL D/S, DHENKANAL TOWN	ODISHA	20.0	32.0	5.8	9.2	7.3	8.0	116	224	0.4	2.5	0.08	0.98	78	11000	270	17000
1043	BRAHMANI AT BHUBAN, ODISHA	ODISHA	18.0	32.0	6.8	9.0	7.3	8.3	106	186	0.2	1.9	0.16	0.77	2	1300	20	2400
2418	KABATABANDHA (BEFORE IMPACT OF INDUSTRIAL ACTIVITY)	ODISHA	19.0	30.0	6.4	7.6	6.3	8.4	114	171	0.2	0.8	0.13	1.97	2	2800	2	4300
1044	BRAHMANI AT DHARMASHALA, ODISHA	ODISHA	14.0	30.0	6.8	7.9	6.4	8.2	115	225	0.2	0.9	0.13	1.60	45	1300	110	3500
10018	RIVER BRAHMANI AT CHANDBALI U/S	ODISHA	17.0	30.0	6.0	8.8	7.3	8.2	189	19770	0.4	1.9	0.17	1.57	330	16000	920	16000
10019	RIVER BRAHMANI AT	ODISHA	14.0	30.0	6.6	7.6	6.7	8.4	139	230	0.6	1.6	0.11	1.44	2	2800	78	5400

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	DHARAMSHALA D/S																	
3917	MANDAPAL	ODISHA	19.0	30.0	6.8	8.4	7.1	8.1	119	167	0.5	2.6	0.24	0.87	78	16000	170	16000
3918	DHENKANAL U/S	ODISHA	18.0	32.0	7.2	9.4	7.3	8.2	115	201	0.2	1.0	0.21	0.65	45	1300	130	3500
1045	BRAHMANI AT PATTAMUNDAI, ODISHA	ODISHA	20.0	33.0	6.0	9.2	7.0	8.4	130	343	0.7	1.8	0.21	3.17	45	3500	170	4300
3919	NANDIRA U/S AT KUKUDANGA	ODISHA	17.0	30.0	5.8	8.8	7.2	8.4	292	607	0.6	2.5	0.27	2.65	20	16000	78	16000
3920	NANDIRA D/S AT DASNALI	ODISHA	17.0	30.0	5.8	8.5	7.4	8.5	295	594	0.8	3.5	0.36	2.00	130	17000	330	35000
3921	KISINDAJHOR AR KHARAGPRASAD	ODISHA	19.0	29.0	4.6	8.2	7.6	8.3	393	669	0.6	2.1	0.49	6.50	20	3500	78	5400
3922	BINJHARPUR	ODISHA	16.0	29.0	7.2	8.6	7.1	8.3	123	194	0.3	1.6	0.03	1.02	2	3500	45	5400
1035	KARO AT LOHOJIMI U/S, JHARKHAND	JHARKHAND	12.0	36.0	7.5	8.4	7.2	8.0			1.9	2.8			140	230	750	1500
3915	KARO RIVER T BADBIL	ODISHA	14.0	26.0	6.0	7.7	6.4	8.5	104	198	0.1	1.9	0.13	1.28	78	1700	230	4300

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1036	KOEL AT MANOHARPUR AFTER MEETING KOINA RIVER D/S,	JHARKHAND	14.0	36.0	7.4	8.0	7.4	7.6	232	278	0.3	0.8						
1033	KOEL AT BASIA, DAM U/S, JHARKHAND	JHARKHAND	13.0	35.0	7.6	8.5	7.3	8.2			2.1	2.7			140	150	750	930
2413	KOEL U/S (AFTER CONFLUENCE OF RIVER KARO)	ODISHA	22.0	31.0	4.5	8.0	6.7	8.3	133	251	0.4	1.8	0.08	1.17	20	16000	68	16000
3916	ROURKELA FD/S AT ATTAGHAT	ODISHA	21.0	32.0	4.6	8.6	6.9	8.2	152	313	0.8	5.4	0.21	5.58	20	13000	92	24000
2376	NORTH KOEL U/S DALTANGANJ	JHARKHAND	14.0	40.0	7.5	8.5	6.8	7.6			2.4	3.0			140	200	750	1200

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2377	NORTH KOEL D/S BCCL, REHLA	JHARKHAND	14.0	39.0	7.6	8.4	6.7	7.9			2.5	3.0			140	200	750	1200
1034	SANKH AT BOLBA, JHARKAND	JHARKHAND	13.0	34.0	7.8	8.6	7.1	8.4			2.0	2.8			140	150	750	930
2419	KHANDITARA (D/S OF INDUSTRIAL ACTIVITIES AT KALING	ODISHA	17.0	28.0	6.4	8.4	6.8	8.1	118	188	0.3	1.4	0.24	1.08	2	2800	45	3500
2420	AUL	ODISHA	20.0	33.0	3.0	8.6	7.0	8.4	163	6052	0.3	7.3	0.28	6.07	20	35000	45	92000
3923	GURADIHNALLAH AT PANPOSH	ODISHA	23.0	34.0	1.8	6.4	6.8	7.9	303	574	3.3	10.1	1.34	13.89	4600	160000	11000	160000
3924	BADAJHOR	ODISHA	19.0	33.0	6.6	8.3	7.7	8.3	158	407	0.4	1.5	0.15	1.04	220	54000	490	54000
3925	LINGIRA U/S AT ANGUL	ODISHA	20.0	32.0	6.4	9.0	7.7	8.8	244	526	0.3	1.8	0.13	1.09	2	16000	45	16000
3926	LINGIRA D/S AT ANGUL	ODISHA	19.0	32.0	6.0	8.6	7.8	8.8	375	502	0.5	2.2	0.14	350.04	2	2800	78	9200
3927	KANIHA U/S	ODISHA	20.0	30.0	7.0	9.6	7.9	8.3	157	326	0.4	1.5	0.02	1.10	20	1700	110	3500
3928	KANIHA D/S	ODISHA	19.0	30.0	5.8	8.2	6.7	8.4	210	427	0.6	2.5	0.04	1.17	20	3500	110	9200
3929	SINGDA JHOR	ODISHA	20.0	30.0	5.8	10.0	7.5	8.5	164	510	0.7	2.1	0.12	1.89	20	2800	45	4300

TABLE - 13: WATER QUALITY OF RIVER GODAVARI (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2182	GODAVARI RIVER AT SAIKHEDA VILLAGE, VILLAGE- SAIKHEDA, TALUKA- NIPHAD, DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.4	6.8	7.2	8.3	349	663	3.0	6.0	0.30	7.04	2	4	120	350
2160	GODAVARI RIVER AT U/S OF AURANGABAD RESERVOIR, KAIGAON TOKKA NEAR KAIGAON BRIDGE, VILLAGE- KAIGAON, TALUKA- GANGAPUR, DISTRICT- AURANGABAD.	MAHARASHTRA	16.0	34.0	3.9	7.5	6.9	8.5	419	1868	2.3	8.2	0.10	0.80	2	4	110	170
2158	GODAVARI RIVER AT U/S OF PAITHAN AT PAITHAN INTAKE PUMP HOUSE, VILLAGE- JAYAKWADI, TALUKA- PAITHAN, DISTRICT- AURANGABAD.	MAHARASHTRA	15.0	33.0	3.1	7.4	7.3	8.5	414	994	2.2	8.0	0.10	0.57	2	4	110	140
2159	GODAVARI RIVER AT D/S OF PAITHAN AT PATHEGAON BRIDGE, VILLAGE- PATHEGAON, TALUKA- PAITHAN, DISTRICT- AURANGABAD.	MAHARASHTRA	15.0	34.0	5.0	7.5	7.3	8.5	412	1002	2.2	6.6	0.10	0.70	2	4	110	140
12	GODAVARI RIVER AT DHALEGAON, VILLAGE- DHALEGAON, TALUKA-	MAHARASHTRA	24.0	34.0	3.2	7.4	7.4	8.2	436	1940	2.4	8.2	0.10	0.90	2	4	130	280

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	PATHARI, DISTRICT-PARBHANI.																	
1210	GODAVARI RIVER NEAR INTAKE WATER PUMP HOUSE, VILLAGE-VISHNUPURI, TALUKA-NANDED, DISTRICT-NANDED.	MAHARASHTRA	20.0	32.0	5.4	7.3	7.1	8.4	429	777	2.4	5.2	0.10	0.70	2	4	110	170
1209	GODAVARI RIVER AT RAHER, VILLAGE-RAHER, TALUKA-NAYAGAON, DISTRICT-NANDED.	MAHARASHTRA	21.0	36.0	4.8	7.4	7.2	8.4	430	765	2.4	6.6	0.10	0.43	2	4	110	170
1211	GODAVARI RIVER AT D/S OF NASHIK NEAR AMARDHAM, VILLAGE-GADGEBABAMAHARAJ NAGAR, TALUKA - NASHIK, DISTRICT-NASHIK.	MAHARASHTRA	12.0	35.0	5.0	6.9	7.5	8.1	328	708	4.0	14.0	0.00	4.30	2	4	210	500
2157	GODAVARI RIVER AT LATUR WATER INTAKE NEAR PUMP HOUSE. VILLAGE-DHAMEGAON, TALUKA- KALUMB, DISTRICT-OSMANABAD.	MAHARASHTRA	18.0	30.0	5.5	7.3	7.2	8.5	383	930	2.8	5.2	0.10	0.70	2	4	110	170

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2161	GODAVARI RIVER AT JALNA INTAKE WATER PUMP HOUSE, VILLAGE- SHAHABAD, TALUKA- AMBAD, DISTRICT- JALNA.	MAHARASHTRA	17.0	32.0	5.3	7.5	7.2	8.5	423	1297	2.8	5.0	0.10	0.80	2	4	110	170
2180	GODAVARI RIVER AT TAPOVAN,VILLAGE- TAPOVAN, TALUKA- NASHIK, DISTRICT- NASHIK.	MAHARASHTRA	12.0	35.0	3.6	6.1	7.6	8.1	278	711	3.8	21.0	0.00	5.72	2	7	210	500
2181	GODAVARI RIVER AT KAPILA- GODAVARI CONFLUENCE POINT, VILLAGE- TAPOVAN, TALUKA- NASHIK, DISTRICT- NASHIK.	MAHARASHTRA	14.0	35.0	2.4	6.1	7.4	8.2	352	779	4.4	32.0	0.00	5.71	2	7	170	540
2183	GODAVARI RIVER AT NANDUR- MADHMESHWAR DAM, VILLAGE- NANDUR, TALUKA- NIPHAD, DISTRICT- NASHIK.	MAHARASHTRA	17.0	30.0	5.7	7.1	7.3	8.4	292	726	3.0	7.2	0.00	7.04	2	5	110	240
2360	GODAVARI AT BASARA, ADILABAD, A.P	TELANGANA	20.0	31.0	6.2	7.6	7.2	8.2	380	513000	2.0	3.2	4.28	22.30	2	75	22	170
2361	GODAVARI AT MANCHERIAL, NEAR RLY BDG B/C OF RALLAV	TELANGANA	26.0	29.0	4.6	6.0	7.6	8.5	395	628	2.0	5.0	0.30	2.20	2	40	21	500

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2362	GODAVARI AT RAMAGUNDAM D/S, NEAR FCI INTAKE WELL,	TELANGANA	26.0	29.0	4.4	5.8	7.7	8.5	513	686	2.0	4.0	0.20	4.00	2	24	17	550
2356	GODAVARI, D/S OF RAMANUGUNDAM, A.P	TELANGANA	26.0	29.0	4.0	7.0	7.7	8.3	566	1120	2.0	4.0	0.00	5.60	2	24	17	576
2363	GODAVARI AT GODAVARIKHANI, NEAR BATHING GHAT, KARI	TELANGANA	26.0	29.0	2.1	6.7	7.2	8.3	497	889	3.0	6.0	0.60	5.00	2	25	11	500
2364	GODAVARI AT RAMAGUNDAM U/S , KARIMNAGAR, A.P	TELANGANA	26.0	29.0	4.8	7.1	7.7	8.7	412	682	2.0	6.0	0.30	4.00	2	23	14	550
2365	GODAVARI AT KAMALPUR U/S M/S AP RAYONS LTD. INTAKE	TELANGANA	26.0	32.0	5.7	7.6	7.6	8.4	144	420	2.0	3.0	0.10	1.00	2	25	2	150
2366	GODAVARI AT KAMALPUR D/S AT M/S. AP RAYONS LTD. DI	TELANGANA	26.0	32.0	5.0	6.9	7.5	8.4	217	480	3.0	4.0	0.10	1.20	2	24	2	192
13	GODAVARI AT MANCHERIAL, A.P.	TELANGANA	26.0	29.0	4.4	5.8	7.5	8.5	359	642	3.0	30.0	0.20	3.80	2	24	12	500
2367	GODAVARI AT BHADRACHALAM U/S BATHING GHAT, KHAMMAM	TELANGANA	26.0	33.0	5.5	6.6	7.0	8.5	189	372	2.0	3.0	0.10	1.40	2	23	14	1400
2368	GODAVARI AT BHADRACHALAM D/S BATHING GHAT, KHAMMAM	TELANGANA	26.0	33.0	4.6	6.0	7.4	8.3	213	502	2.0	3.0	0.10	1.70	2	26	20	1050

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2369	GODAVARI AT BURGAMPAHAD, KHAMMAM, A.P	TELANGANA	27.0	34.0	4.2	6.1	7.4	8.3	238	560	2.0	35.0	0.30	0.90	2	25	14	1850
2370	GODAVARI AT RAJAMUNDRY U/S OF NALLA CHANNEL, A.P	ANDHRA PRADESH	25.0	32.0	4.5	7.0	6.7	8.3	191	431	1.1	2.5	0.26	7.02	7	21	65	460
14	GODAVARI AT POLAVARAM, A.P.	ANDHRA PRADESH	24.0	30.0	5.8	8.0	6.5	8.4	172	315	1.0	1.5	0.82	7.13	7	15	120	210
1218	GODAVARI AT RAJAHMUNDRY U/S, A.P.	ANDHRA PRADESH	25.0	30.0	5.2	7.8	6.7	8.3	180	332	1.0	1.8	0.54	6.13	7	23	120	360
2371	GODAVARI AT RAJAMUNDRY D/S OF NALLA CHANNEL, A.P	ANDHRA PRADESH	25.0	32.0	4.4	6.8	6.6	8.3	217	440	1.1	2.8	0.30	6.89	7	23	210	460
1219	GODAVARI AT RAJAHMUNDRY D/S, A.P.	ANDHRA PRADESH	25.0	32.0	5.4	7.6	6.7	8.2	185	332	1.2	1.8	0.49	7.62	4	28	150	460
1096	GODAVARI RIVER AT RAMKUND, VILLAGE-PANCHAVATI, TALUKA- NASHIK, DISTRICT- NASHIK.	MAHARASHTRA	12.0	35.0	5.1	7.1	7.5	8.1	288	787	3.0	11.6	0.20	4.68	2	7	220	540

TABLE 12.1 :- WATER QUALITY OF TRIBURATY STREAMS INDRAVATI, SHANKINI, MANJEERA, MANER, WARDHA, WAINGANGA, KOLAR, KANHAN, PURNA, NIRA, KINNERSANI, SABARI, BINDUSARA, DARNA, PENGANGA & WENA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1855	INDRAVATI RIVER B/C GODAVARI AT BHOPALPATNAM, DANT	CHHATTISGARH	24.0	31.0	7.2	7.7	7.2	7.4											
1856	SHANKNI RIVER A/C DANKANI RIVER DANTEWADA, CHHATIS	CHHATTISGARH	24.0	31.0	7.1	7.8	7.3	7.3											
2374	RIVER MANJEERA AT GOWDICHARLA B/C WITH NAKKAVAGU,	TELANGANA	25.0	30.0	5.8	7.1	7.1	8.4	816	1602	3.0	5.0	11.5	34.6	2	100	29	800	
2375	RIVER MANJEERA AT GOWDICHARLA A/C WITH NAKKAVAGU,	TELANGANA	25.0	32.0	3.1	6.9	6.8	7.8	1074	1766	2.6	35.0	13.0	41.7	3	150	48	1300	
1781	MANJEERA RIVER - NEAR GANAPATHI SUGARS , MEDAK DIS	TELANGANA	25.0	30.0	6.2	7.4	7.5	8.6	442	990	2.0	3.0	8.6	17.0	2	125	21	1550	
1157	MANJERA AT RAIPALLU, A.P.	TELANGANA	25.0	31.0	5.6	8.0	7.3	8.5	238	491	1.0	5.0	5.8	16.7	2	75	15	775	
1215	MANER AT WARANGAL U/S, A.P.	TELANGANA	24.0	29.0	4.8	6.5	7.1	8.3	246	374	3.0	5.0	0.1	2.3	2	28	11	350	
1158	MANER AT SOMNAPALLI, A.P.	TELANGANA	26.0	29.0	1.5	6.6	6.0	8.4	377	583	2.0	31.0	0.3	4.0	2	26	15	550	
2719	WARDHA RIVER AT D/S OF ERAI RIVER AT HADASTI NEAR ARUN ENGG. WORKS, VILLAGE- HADASTI, TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.	MAHARASHTRA	19.0	27.0	4.3	7.4	7.0	8.2	540	1800	5.2	9.1	0.2	2.1	39	120	220	430	
2720	WARDHA RIVER AT U/S OF ERAI RIVER AT HADASTI NEAR ARUN ENGG. WORKS, VILLAGE- HADASTI, TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.	MAHARASHTRA	19.0	27.0	5.1	7.6	7.1	8.3	340	2192	3.7	7.9	0.1	2.2	26	70	140	280	
2721	WARDHA RIVER AT U/S OF ACC LTD. GHUGGUS NEAR WCL PUMP HOUSE, VILLAGE- GHUGGUS, TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.	MAHARASHTRA	20.0	29.0	5.2	7.2	7.0	8.1	331	1611	3.5	7.6	0.1	8.0	25	97	140	350	

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2174	WARDHA RIVER AT D/S OF ACC LTD. GHUGGUS NEAR WCL PUMP HOUSE, VILLAGE- GHUGGUS, TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.	MAHARASHTRA	20.0	30.0	4.7	7.2	7.0	8.1	364	1680	4.4	10.7	0.2	3.0	33	120	240	540
2156	WARDHA RIVER AT CONFLUENCE POINT OF PENGANGA & WARDHA. VILLAGE- JUGAD, TALUKA- WANI, DISTRICT- YAVATMAL.	MAHARASHTRA	22.0	27.0	3.4	7.3	6.9	8.5	309	1638	4.0	10.9	0.5	4.8	33	94	240	350
1213	WAINGANGA AT BALAGHAT, M.P.	MADHYA PRADESH	20.0	30.0	5.8	10.1	7.3	8.5	251	609	1.0	1.8	0.2	16.0	2	13	14	47
1214	WAINGANGA AT CHINDWARA, M.P.	MADHYA PRADESH	7.0	39.0	7.0	7.2	7.3	8.3	710	930	2.6	22.2	1.9	3.0	2	3	11	64
1910	WAINGANGA RIVER AFTER CONFLUENCE WITH KANHAN RIVER, VILLAGE- AMBHORA, TALUKA- KUHI, DISTRICT- NAGPUR.	MAHARASHTRA	22.0	30.0	2.3	7.8	6.9	8.3	435	1480	3.0	18.0	0.7	10.5	34	120	280	540
3330	WAINGANGA AT CHHAPARA, NEAR W/S INTAKE POINT, JABA	MADHYA PRADESH	19.0	30.0	6.4	11.2	7.3	8.6	238	436	1.1	1.8	0.3	3.0	2	11	31	49
3331	WAINGANGA AT CHHAPARA, NEAR ROAD BRIDGE AFTER MIXI	MADHYA PRADESH	19.0	31.0	6.1	9.6	7.3	8.4	308	517	1.4	4.6	0.3	4.7	2	23	27	94
2172	WAINGANGA RIVER AT D/S OF ELLORA PAPER MILLS, VILLAGE- TUMSAR, TALUKA- TUMSAR, DISTRICT- BHANDARA.	MAHARASHTRA	16.0	30.0	3.5	7.2	7.2	8.1	340	1151	4.0	38.0	0.3	9.0	26	110	170	280
2173	WAINGANGA RIVER AT U/S OF ELLORA PAPER MILLS, VILLAGE- TUMSAR, TALUKA- TUMSAR, DISTRICT- BHANDARA.	MAHARASHTRA	16.0	30.0	2.5	7.1	7.0	8.3	320	860	3.2	28.0	0.3	7.8	21	54	94	170
2175	WAINGANGA RIVER AT U/S OF GAURAV PAPER MILLS, NEAR JACKWELL, VILLAGE- BRAMHPURI, TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.	MAHARASHTRA	20.0	29.0	4.2	6.6	6.9	8.2	378	1705	3.4	10.4	0.1	7.7	26	120	130	350
2176	WAINGANGA RIVER AT D/S OF GAURAV PAPER MILLS, NEAR JACKWELL, VILLAGE- BRAMHPURI,	MAHARASHTRA	20.0	29.0	4.1	7.1	6.9	8.2	404	2123	2.9	10.6	0.1	7.5	27	110	140	540

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	TALUKA- CHANDRAPUR, DISTRICT- CHANDRAPUR.																		
11	WAINGANGA RIVER AT ASHTI, VILLAGE- ASHTI, TALUKA- GONDPIPRI, DISTRICT- CHANDRAPUR.	MAHARASHTRA	22.0	29.0	4.8	7.3	7.0	8.2	330	2148	3.4	10.1	0.3	7.9	34	350	280	920	
3312	KANHAN AT CHINDWARA BEFORE MIXING BOREGAON GROWTH	MADHYA PRADESH	14.0	41.0	7.0	7.5	7.1	8.3	690	981	2.6	3.4	2.1	3.0	3	7	11	39	
2170	KANHAN RIVER AT U/S OF M/S VIDARBHA PAPER MILLS, VILLAGE- SINORA, TALUKA- PARSEONI, DISTRICT- NAGPUR.	MAHARASHTRA	25.0	32.0	5.2	7.3	7.7	8.6	140	1120	3.0	10.0	0.3	3.0	21	58	94	220	
2171	KANHAN RIVER AT D/S OF M/S VIDARBHA PAPER MILLS, VILLAGE- SINORA, TALUKA- PARSEONI, DISTRICT- NAGPUR.	MAHARASHTRA	25.0	34.0	3.2	6.8	7.8	8.9	398	1190	3.2	14.0	0.2	3.0	33	110	170	350	
1909	KANHAN RIVER AT D/S OF NAGPUR, VILLAGE- AGARGAON, TALUKA- KUHI, DISTRICT- NAGPUR.	MAHARASHTRA	22.0	31.0	2.0	7.8	6.8	8.3	426	1300	3.8	20.0	0.7	8.1	27	140	220	920	
2372	KINNERASANI A/C OF KTPS ASH POND EFFLUENTS, KHAMMAM	TELANGANA	25.0	34.0	3.2	6.7	7.2	8.3	431	687	2.0	4.0	0.2	1.2	2	24	20	375	
2373	SABARI AT KUNAVARAM, KHAMMAM, A.P	TELANGANA	27.0	33.0	5.9	7.0	7.1	7.9	85	134	0.0	2.0	0.2	1.0	2	27	2	50	
2657	BINDUSARA RIVER AT BEED, NEAR INTAKE WATER PUMP HOUSE AT DAM, VILLAGE- PALIGAON, TALUKA- BEED, DISTRICT- BEED.	MAHARASHTRA	23.0	34.0	4.6	7.3	7.3	8.6	346	990	2.8	6.2	0.1	0.7	2	4	110	170	
2697	PENGANGA RIVER NEAR WATER SUPPLY SCHEME OF UMARKHED M.C., VILLAGE- BELKHED, TALUKA- UMARKHED, DISTRICT- YAVATMAL.	MAHARASHTRA	23.0	30.0	4.1	6.9	6.5	8.3	320	1580	4.3	7.0	0.1	10.6	14	46	39	120	
2698	PENGANGA RIVER D/S OF ISAPUR DAM, VILLAGE- ISAPUR, TALUKA- PUSAD, DISTRICT- YAVATMAL.	MAHARASHTRA	22.0	29.0	3.7	8.0	6.8	8.2	469	6514	4.2	9.1	0.1	10.6	26	140	220	350	
2699	PENGANGA RIVER AT MEHKAR - BULDANA BRIDGE-AKOLA	MAHARASHTRA	20.0	27.0	4.0	6.3	7.7	8.1	482	1302	4.2	9.6	0.2	6.1	34	70	280	300	
2722	WENA RIVER AT U/S OF MOHATA MILLS, NEAR RAILWAY BRIDGE ON WARDHA - CHANDRAPUR	MAHARASHTRA	22.0	31.0	4.5	7.5	7.3	8.4	478	1400	3.2	6.8	0.2	8.2	21	94	110	280	

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)		
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL				
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	RAILWAY LINE, VILLAGE-HINGANGHAT, TALUKA-HINGANGHAT, DISTRICT- WARDHA.																		
2723	WENA RIVER AT D/S OF MOHATA MILLS, NEAR BRIDGE ON HINGANGHAT- WADNER ROAD, VILLAGE- HINGANGHAT, TALUKA-HINGANGHAT, DISTRICT- WARDHA.	MAHARASHTRA	22.0	31.0	3.5	7.8	7.3	8.3	500	1450	3.2	8.8	0.3	7.9	27	110	170	350	
1908	KOLAR RIVER BEFORE CONFLUENCE WITH KANHAN RIVER AT WAREGAON BRIDGE, VILLAGE- WAREGAON, TALUKA-KAMPTTEE, DISTRICT-NAGPUR.	MAHARASHTRA	25.0	32.0	3.3	6.7	7.2	8.5	581	1800	4.2	60.0	0.4	13.1	33	920	220	1600	
1913	PURNA RIVER AT DHUPESHWAR AT D/S OF MANKAPUR DIST-BULDANA	MAHARASHTRA	22.0	30.0	3.8	7.2	6.7	8.2	366	2550	4.2	10.2	0.6	8.5	33	170	110	1600	
2660	DARNA RIVER AT CHEHEDI WATER WORKS (PUMPING STATION), VILLAGE- CHEHEDI, TALUKA-NASHIK, DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.4	6.6	7.3	8.4	242	658	2.4	9.4	0.3	4.6	2	2	70	220	
2661	DARNA RIVER AT ASWALI (DARNA DAM),VILLAGE- ASWALI,TALUKA-IGATPURI,DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.9	7.2	7.4	8.3	181	458	2.8	5.4	0.3	2.6	2	2	70	280	
2662	DARNA RIVER AT MES SITE PUMPING STATION, VILLAGE-BHAGUR, TALUKA- NASHIK, DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.7	7.3	7.4	8.1	158	560	2.8	5.6	0.3	2.5	2	2	58	170	
2663	DARNA RIVER AT BHAGUR PUMPING STATION NEAR PANDHURLI BRIDGE, VILLAGE-BHAGUR,TALUKA-NASHIK,DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.8	7.0	7.2	8.4	154	531	2.8	7.8	0.3	2.2	2	2	63	220	
2664	DARNA RIVER AT SANSARI, VILLAGE- SANSARI,TALUKA-NASHIK,DISTRICT- NASHIK.	MAHARASHTRA	17.0	34.0	5.4	7.2	6.5	8.6	181	516	2.6	9.0	0.3	2.3	2	2	70	280	

TABLE - 13: WATER QUALITY OF RIVER KRISHNA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1153	KRISHNA RIVER AT RAJAPUR WEIR, VILLAGE- RAJAPUR, TALUKA- SHIROL, DISTRICT- KOLHAPUR.	MAHARASHTRA	18.0	23.0	5.2	7.1	6.6	8.1	135	821	2.0	3.0	0.3	1.9	4	17	33	170
36	KRISHNA RIVER AT KRISHNA BRIDGE, (KRISHNA RIVER AT NH-4 BRIDGE) VILLAGE- KARAD, TALUKA- KARAD, DISTRICT- SATARA.	MAHARASHTRA	21.0	31.0	3.8	6.6	7.6	8.4	75	366	3.0	8.0	0.3	2.9	80	250	550	1600
37	KRISHNA RIVER AT MAIGHAT, VILLAGE- GAWALI GALLY, TALUKA- MIRAJ, DISTRICT- SANGLI.	MAHARASHTRA	21.0	22.0	6.1	7.2	6.9	8.1	109	784	2.0	2.8	0.1	1.0	4	17	21	150
1906	KRISHNA RIVER AT WALWA, D/S OF ISLAMPUR NEAR VITHAL TEMPLE, VILLAGE- WALWA, TALUKA- WALWA, DISTRICT- SANGLI.	MAHARASHTRA	20.0	29.0	4.3	7.2	6.8	8.0	113	60290	2.0	13.0	0.2	1.8	4	70	17	540
1310	KRISHNA RIVER AT KURUNDWAD NEAR SANTAJI GHORPADE GHAT , VILLAGE- NARSHINGWADI, KURUNDWAD, TALUKA- SHIROL, DISTRICT- KOLHAPUR.	MAHARASHTRA	19.0	23.0	5.8	7.0	6.7	7.9	119	768	1.8	3.2	0.2	1.8	4	22	46	240
2190	KRISHNA RIVER AT WAI, VILLAGE- WAI, TALUKA- WAI, DISTRICT- SATARA.	MAHARASHTRA	22.0	28.0	3.6	6.4	7.7	8.4	268	462	3.0	7.5	0.2	2.9	110	200	900	1600
2187	KRISHNA RIVER AT KSHETRA MAHULI, VILLAGE- KSHETRA- MAHULI, TALUKA- MAHULI, DISTRICT- SATARA.	MAHARASHTRA	21.0	25.0	4.1	6.4	7.8	8.4	314	575	3.0	6.2	0.2	4.4	35	250	900	1600
2188	KRISHNA RIVER AT KRISHNA- VENNA SANGAM MAHULI , VILLAGE- MAHULI, TALUKA- MAHULI, DISTRICT- SATARA.	MAHARASHTRA	20.0	26.0	4.1	6.8	7.7	8.4	241	638	2.8	7.5	0.2	4.4	95	350	900	1600

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1181	KRISHNA AT D/S OF NARAYANPURA DAM, KARNATAKA	KARNATAKA	28.0	31.0	6.5	10.2	7.4	8.7	330	760	0.8	8.2	0.6	10.8	220	900	900	1600
1182	KRISHNA AT U/S OF UGARKHURD BARRAGE, KARNATAKA	KARNATAKA	22.0	33.0	5.8	8.1	7.1	8.1	320	1200	0.2	2.2	0.9	16.2	110	900	500	1600
1889	KRISHNA - ANKALI BRIDGE ALONG CHIKKODI KAGWAD ROAD	KARNATAKA	22.0	31.0	6.2	8.1	7.2	8.1	310	1100	0.4	2.2	1.2	16.4	110	900	500	1600
1181	KRISHNA AT D/S OF NARAYANPURA DAM, KARNATAKA	KARNATAKA	28.0	31.0	6.5	10.2	7.4	8.7	330	760	0.8	8.2	0.6	10.8	220	900	900	1600
1170	KRISHNA AT D/S OF DEVASAGAR BDG., KARNATAKA	KARNATAKA	24.0	30.0	7.2	8.2	7.7	8.6	971	1296	2.0	3.6	0.0	0.1	240	1000	500	3200
1028	KRISHNA AT TINTINI BRIDGE, KARNATAKA	KARNATAKA	25.0	32.0	7.0	7.6	7.8	8.5	715	975	2.0	3.0	0.0	0.2	110	1000	500	3200
2781	KRISHNA AT D/S OF ALAMATTI DAM, KARNATAKA	KARNATAKA	29.0	36.0	6.4	10.1	7.2	8.6	320	770	0.5	7.5	0.7	10.8	70	900	140	1600
1784	THANGADI , MAHABOONNAGAR DIST., A.P	TELANGANA	26.0	30.0	4.0	6.4	7.3	8.2	670	1320	2.0	48.0	0.3	16.0	2	120	25	1000
1175	KRISHNA AFTER CONFL. WITH TUNGABHADRA, SANGAMESHWA	ANDHRA PRADESH	18.0	29.0	6.0	7.2	7.0	8.1	282	1587	1.0	2.6	0.1	3.1	2	2	200	700
39	KRISHNA AT GADWAL BRIDGE, A.P.	TELANGANA	26.0	30.0	4.0	6.6	7.5	8.3	680	1180	2.0	6.0	0.3	2.5	2	80	26	700
1465	KRISHNA AT WADAPALLY AFTER CONFL. WITH R. MUSI, A.	TELANGANA	17.0	31.0	6.0	7.8	7.8	8.6	433	2147	3.0	30.0	8.6	28.9	2	125	35	775
1786	VEDADRI , GUNTUR DIST., A.P	ANDHRA PRADESH	22.0	29.0	6.4	7.5	7.4	8.4	528	1120	1.0	2.0	0.2	1.7	2	4	800	1300
1787	AMARAVATI , GUNTUR DIST., A.P	ANDHRA PRADESH	18.0	26.0	6.2	7.6	7.5	8.5	352	850	1.6	2.2	0.5	4.5	2	2	800	1100
25	KRISHNA AT VIJAYWADA, A.P.	ANDHRA PRADESH	23.0	29.0	6.8	7.4	7.2	8.5	283	920	1.0	2.0	0.6	1.0	2	4	800	1100
3083	KRISHNA D/S OF SRISHAILAM, KURNOOL, A.P.	ANDHRA PRADESH	18.0	27.0	6.1	7.3	7.4	8.1	263	669	0.8	2.0	0.2	6.9	2	100	200	1600
1782	HAMSALA DEEVI , GUNTUR DIST, A.P	ANDHRA PRADESH	23.0	30.0	5.9	7.2	7.2	8.1	26600	37420	1.6	7.2	0.6	2.8	2	4	1100	1600

TABLE- 13.1: WATER QUALITY OF TRIBUTARY STREAMS PANCHAGANGA AND BHIMA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1904	PANCHAGANGA RIVER AT U/S OF KOLHAPUR TOWN NEAR BALINGA PUMPING STATION, VILLAGE-BALINGA, TALUKA- KARVIR, DISTRICT- KOLHAPUR.	MAHARASHTRA	18.0	32.0	2.9	7.1	6.8	7.7	75	840	2	19	0.12	2.41	5	110	48	920
1905	PANCHAGANGA RIVER AT D/S OF KOLHAPUR TOWN AT GANDHI NAGAR NEAR NH-4 BRIDGE AND MIDC, VILLAGE- UCHEGAON, TALUKA- KOLHAPUR, DISTRICT- KOLHAPUR.	MAHARASHTRA	20.0	32.0	3.0	7.2	6.3	7.8	105	1130	2	20	0.12	2.04	6	79	70	920
1189	BHIMA RIVER AT PUNE (MUTHA RIVER) AT U/S OF VITHALWADI NEAR SHANKAR MANDIR, VILLAGE- VITHALWADI, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	29.0	1.2	5.1	7.0	8.3	170	632	5	28	0.03	8.40	95	275	550	1600
2655	BHIMA RIVER AT KOREGAON NEAR KOREGAON BRIDGE, VILLAGE- KOREGAON, TALUKA- SHIRUR, DISTRICT- PUNE.	MAHARASHTRA	21.0	29.0	1.8	6.1	7.1	8.6	172	1117	3	14	0.13	3.20	20	250	350	900
2656	BHIMA RIVER- BACKWATER OF UJANI DAM, NEAR RAW WATER PUMP HOUSE, VILLAGE- KUMBARGAON, TALUKA- INDAPUR, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	4.1	6.2	7.2	8.6	273	821	2	6	0.00	2.10	8	170	350	550
1190	BHIMA RIVER AT D/S OF BUNDGARDEN, VILLAGE - YERWADA, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	23.0	29.0	0.0	4.6	7.0	8.5	394	625	8	17	0.02	8.00	250	1600	1800	1800
1191	BHIMA RIVER AFTER CONFLUENCE WITH MULA-MUTHA AT PARGAON NEAR VASANT BANDARA, VILLAGE- PARGAON, TALUKA- DAUND, DISTRICT- PUNE.	MAHARASHTRA	23.0	29.0	4.1	6.6	7.2	8.5	326	1002	2	9	0.02	7.60	14	130	350	550
1192	BHIMA RIVER AT DAUND NEAR MAHADEV TEMPLE, VILLAGE-	MAHARASHTRA	23.0	29.0	4.2	6.2	7.3	8.5	315	999	3	7	0.08	7.70	30	195	425	1600

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	DAUND, TALUKA- DAUND, DISTRICT- PUNE.																	
1188	BHIMA RIVER AT NARSINGPUR NEAR SANGAM BRIDGE AFTER CONFLUENCE WITH NIRA, VILLAGE- NARSINGPUR, TALUKA- MALSHIROS, DISTRICT- SOLAPUR.	MAHARASHTRA	25.0	26.0	4.5	4.8	8.0	8.2	621	859	3	9	0.30	1.20	110	195	900	900
28	BHIMA RIVER AT TAKLI NEAR KARNATAKA BORDER, VILLAGE- TAKALI, TALUKA- SOUTH SOLAPUR, DISTRICT- SOLAPUR.	MAHARASHTRA	19.0	26.0	3.9	6.9	7.2	8.9	83	1928	2	5	0.30	1.60	4	170	70	900
1183	BHIMA AT D/S OF ROAD BRIDGE AT GANGAPUR VILLAGE, KARNATAKA	KARNATAKA	26.0	28.0	6.8	7.9	8.0	8.4	652	976	3	3	0.30	0.38	600	2000	3200	6400
1184	BHIMA AT FERAZABAD VILLAGE (D/S), KARNATAKA	KARNATAKA	27.0	28.0	6.0	7.8	8.3	8.5	662	949	3	3			500	1000	1600	1800
1167	BHIMA AT D/S OF BDG. NEAR YADGIR, KARNATAKA	KARNATAKA	28.0	38.0	7.0	7.8	7.7	8.6	580	946	2	4	0.20	0.82	480	2400	1600	5000
1888	BHIMA RIVER AT CONFLUENCE OF JEWARGI TOWN SEWAGE DISPOSAL POINT	KARNATAKA	26.0	28.0	6.0	7.8	8.3	8.5	626	956	2	3	0.20	0.43	960	1000	1800	3200
1177	MUNERU BEFORE CONFL. WITH KRISHNA, NANDIGAMA, A.P.	ANDHRA PRADESH	27.0	31.0	6.5	7.0	7.2	8.5	504	881	2	3	0.20	1.30	2	4	800	1100
1178	PALLERU BEFORE CONFL. WITH KRISHNA, JAGGAYAPET, A	ANDHRA PRADESH	22.0	29.0	6.4	7.5	7.2	8.5	586	1433	1	2	0.86	2.60	2	4	800	1100

TABLE 13.2 - WATER QUALITY OF TRIBUTARY STREAMS GHATPRABHA, MALPRABHA, TUNGHABHADRA, TUNGHA, BHADRA, MUSI, PALLERU, MUNERU, KAGINA, NAKKAVAGU, HUNDRI & KUNDU (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
					> 5.0 mg/L		6.5 - 8.5				< 3.0 mg/L				< 2500 MPN/ 100 mL			
1163	GHATPRABHA AT W.A. POINT TO GOKAK TOWN, KARNATAKA	KARNATAKA	25.0	30.0	5.0	7.8	6.9	7.8	259	760	0.2	1.5	0.88	18.20	110	900	170	1600
1187	MALPRABHA AT D/S OF KHANAPUR VILLAGE, KARNATAKA	KARNATAKA	21.0	32.0	5.1	8.8	6.8	7.9	190	410	0.5	4.0	0.30	4.20	500	50000	900	90000
1164	MALPRABHA AT WATER ABSTR. PT. TO HUBLI, DHARWAR, K	KARNATAKA	21.0	32.0	5.6	9.4	7.1	8.2	200	780	0.4	5.6	0.46	5.59	140	900	500	1600
1186	MALPRABHA AT D/S OF AIHOLE TOWN, KARNATAKA	KARNATAKA	22.0	32.0	5.6	9.2	7.1	8.1	330	1520	0.4	4.5	0.36	14.60	140	900	280	1600
2764	MALPRABHA AT BADAMI BRIDGE, KARNATAKA	KARNATAKA	22.0	31.0	4.5	9.5	7.0	8.1	346	1520	0.4	3.5	0.38	8.02	220	900	280	1600
1029	TUNGHABHADRA AT HARALAHALLI BRIDGE, KARNATAKA	KARNATAKA	7.0	30.0	6.8	7.6	7.5	8.3	112	420	2.4	2.9	0.20	0.45	500	1400	1400	2800
29	TUNGHABHADRA AT ULLANUR, KARNATAKA	KARNATAKA	21.0	26.0	6.8	7.8	7.0	8.5	2	481	1.1	2.6	0.20	0.20	22	900	86	1800
38	TUNGHABHADRA AT HONNALI BRIDGE, KARNATAKA	KARNATAKA	25.0	28.0	6.8	7.6	7.4	8.3	82	310	2.4	3.0	0.20	0.70	700	1700	1600	3500
2767	TUNGABHADRA AT U/S OF HPF, KARNATAKA	KARNATAKA	7.0	29.0	6.9	7.7	7.3	8.2	108	506	2.5	3.0	0.20	0.87	500	1700	900	3000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2768	TUNGABHADRA AT D/S OF HPF, KARNATAKA	KARNATAKA	6.0	30.0	4.6	7.0	7.0	8.2	144	2700	3.0	16.0	0.20	0.90	500	1700	1400	3500
2769	TUNGABHADRA AT JACKWELL POINT, KARNATAKA	KARNATAKA	6.0	30.0	4.6	7.0	7.5	8.2	110	1260	2.5	4.0	0.20	0.63	500	1700	900	3500
2770	TUNGABHADRA AT HARIHAR WATER SUPPLY INTAKE, KARNAT	KARNATAKA	7.0	29.0	5.5	7.0	7.3	8.1	140	520	2.8	5.0	0.20	1.20	900	50000	2200	90000
2776	TUNGABHADRA AT D/S OF GANGAWATHI, KARNATAKA	KARNATAKA	22.0	26.0	6.8	7.8	7.0	8.5	280	510	2.0	3.0	0.20	0.26	18	600	78	1800
2766	TUNGABHADRA AT NEW BRIDGE, KARNATAKA	KARNATAKA	7.0	29.0	6.8	7.7	7.3	8.3	102	450	2.4	3.0	0.20	0.60	220	1400	500	2300
1174	TUNGABHADRA AT KURNOOL U/S, BAVAPURAM, A.P.	ANDHRA PRADESH	22.0	29.0	5.4	7.0	6.2	8.2	238	2012	1.3	3.3	0.40	3.90	2	100	200	800
1785	MANTHRALAYAM , KURNOOL DIST., A.P	ANDHRA PRADESH	22.0	30.0	5.5	7.4	7.5	8.2	302	1863	1.0	3.3	0.10	3.80	2	100	300	800
1168	TUNGHA AT D/S OF SHIMOGA TOWN, KARNATAKA	KARNATAKA	21.0	25.0	6.6	7.6	6.9	8.1	130	510	3.0	5.0	0.30	1.11	1100	90000	2800	160000
2771	BHADRA AT U/S OF KIOCL, KARNATAKA	KARNATAKA	19.0	29.0	5.7	6.5	6.8	7.6	59	120	1.0	1.7	0.10	0.10	14	49	170	540
1896	CONFLUENCE POINT OF TUNGA AND BHADRA AT KUDLI	KARNATAKA	22.0	24.0	7.2	7.8	7.3	7.9	96	260	2.4	3.0	0.30	0.71	140	17000	500	28000
1091	BHADRA AT MALLESWARAM	KARNATAKA	20.0	28.0	5.6	6.4	6.9	7.7	62	134	1.4	1.8	0.10	0.10	21	92	280	1100

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	D/S OF KIOCL KARNATAKA																	
1387	BHADRA AT D/S OF BHADRAVATHI, KARNATAKA	KARNATAKA	21.0	26.0	6.8	7.2	7.4	8.2	150	320	3.0	5.2	0.30	0.97	2400	50000	5000	90000
1169	BHADRA AT D/S OF KIOCL ROAD BRIDGE, NEAR HOLEHUNNU	KARNATAKA	22.0	24.0	6.8	7.0	7.2	8.0	126	280	2.6	4.0	0.30	0.78	1300	30000	2200	50000
2765	BHADRA AT U/S OF MPM, KARNATAKA	KARNATAKA	22.0	26.0	6.8	8.0	7.0	8.1	120	270	2.4	2.6	0.30	0.86	90	1300	500	2400
2771	BHADRA AT U/S OF KIOCL, KARNATAKA	KARNATAKA	19.0	29.0	5.7	6.5	6.8	7.6	59	120	1.0	1.7	0.10	0.10	14	49	170	540
1173	MUSI D/S AT HYDERABAD, A.P.	TELANGANA	25.0	28.0	0.0	1.2	6.9	7.8	1188	1580	10.0	41.0	3.20	24.40	2	520	220	6000
2339	RIVER MUSI AT NAGOLE, RANGAREDDY, A.P	TELANGANA	26.0	34.0	0.0	0.1	7.1	7.7	1008	2164	22.0	46.0	1.40	16.80	2	800	160	4500
3082	RIVER MUSI RESERVOIR AT KASANIGUDA, NALGONDA, A.P.	TELANGANA	18.0	30.0	6.0	6.9	7.8	8.8	1329	1930	3.0	8.0	9.20	25.50	4	175	28	950
1178	PALLERU BEFORE CONFL. WITH KRISHNA, JAGGAYYAPET, A.P.	ANDHRA PRADESH	22.0	29.0	6.4	7.5	7.2	8.5	586	1433	1.2	2.4	0.86	2.60	2	4	800	1100
1177	MUNERU BEFORE CONFL. WITH KRISHNA, NANDIGAMA, A.P.	ANDHRA PRADESH	27.0	31.0	6.5	7.0	7.2	8.5	504	881	1.8	3.0	0.30	1.30	2	4	800	1100
2777	KAGINA AT SHAHABAD	KARNATAKA	27.0	29.0	6.8	7.7	7.6	8.5	530	625	2.5	3.0	0.20	0.26	900	1200	1600	3600

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	BRIDGE, KARNATAKA																	
2349	RIVER NAKKAVAGU, BACHUGUDEM, MEDAK, A.P	TELANGANA	23.0	31.0	2.1	4.9	7.1	7.6	998	1903	10.0	26.0	19.70	52.60	2	314	24	1750
2350	RIVER HUNDRI, JOHARPUR(V), NEAR TEMPLE, KURNOOL, A	ANDHRA PRADESH	21.0	26.0	3.1	6.7	6.5	7.9	272	4470	1.0	3.0	0.20	38.30	2	300	2	600

TABLE 13.3: WATER QUALITY OF TRIBUTARY STREAMS NIRA, VENNA, MULA, MUTHA, KOYNA, MULA- MUTHA, PAWANA, INDRAYANI, CHNADRABHAGA, GHOD, SINA, URMODI AND VEL (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2682	NIRA RIVER AT U/S OF JUBILANT ORGANOSIS, VILLAGE- NIRA (DATTAGHAT), TALUKA- BARAMATI, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	2.6	6.0	7.3	8.7	218	636	3.2	7.5	0.30	2.50	45	225	550	1600
1463	NIRA RIVER AT SAROLA BRIDGE, VILLAGE- SAROLA, TALUKA-BHOR,	MAHARASHTRA	23.0	32.0	2.8	6.0	7.1	8.5	89	60010	2.8	14.0	0.30	2.10	33	900	425	900
2681	NIRA RIVER AT SANGAVI, VILLAGE- SANGAVI, TALUKA- PHALTAN, DISTRICT- SATARA.	MAHARASHTRA	24.0	34.0	3.8	6.1	8.0	8.5	361	2830	3.0	6.8	0.30	3.20	5	130	550	1600
2683	NIRA RIVER AT SHINDEWADI, VILLAGE- SHIRVAL, TALUKA- KHANDALA,	MAHARASHTRA	23.0	33.0	4.2	6.3	7.4	8.4	81	688	3.2	7.0	0.30	2.80	13	170	425	900
2186	VENNA RIVER AT VARYE, VILLAGE - VARYE, TALUKA- SATARA,	MAHARASHTRA	22.0	26.0	4.9	6.9	7.9	8.4	244	475	2.0	6.0	0.30	3.00	7	170	30	350
2716	VENNA RIVER AT MAHABALESHWAR, VILLAGE-	MAHARASHTRA	19.0	26.0	4.1	6.8	7.4	8.4	37	119	2.0	8.5	0.30	2.90	14	110	225	550

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
	MAHABALESHWAR, TALUKA-MAHABALESHWAR,																	
2717	VENNA RIVER AT MAHULI, VILLAGE- MAHULI, TALUKA-MAHULI,	MAHARASHTRA	21.0	25.0	4.4	6.0	7.2	8.4	307	593	2.8	7.0	0.30	4.60	30	225	350	1600
2189	KOYNA RIVER AT KARAD, VILLAGE-KARAD, TALUKA- KARAD, DISTRICT-SATARA.	MAHARASHTRA	23.0	29.0	4.1	6.5	7.6	8.4	67	368	3.2	8.5	0.30	3.00	13	550	350	1600
2194	MULA RIVER AT HARRISON BRIDGE NEAR MULA-PAWANA SANGAM, VILLAGE- BOPODI, TALUKA-HAWELI, .	MAHARASHTRA	23.0	29.0	1.4	4.8	7.0	8.4	396	773	7.5	15.5	0.05	7.40	200	350	1600	1800
2193	MULA RIVER AT AUNDH BRIDGE, VILLAGE- AUNDHGAON, TALUKA-HAWELI,	MAHARASHTRA	25.0	29.0	1.7	5.6	6.9	8.6	345	986	5.8	14.5	0.05	7.20	125	900	1600	1800
2192	MULA - MUTHA RIVER AT MUNDHAWA BRIDGE, VILLAGE-MUNDHAWA, TALUKA- HAWELI,	MAHARASHTRA	23.0	29.0	1.0	5.2	7.2	8.5	410	664	8.5	16.5	0.04	5.20	140	1600	900	1600
2677	MULA-MUTHA RIVER AT D/S OF THEUR, VILLAGE- THEUR, TALUKA-HAWELI,	MAHARASHTRA	21.0	29.0	3.2	5.8	7.2	8.6	162	893	3.2	8.6	0.09	8.80	40	250	550	1600
2191	MUTHA RIVER AT SANGAM BRIDGE NEAR GANAPATHYGHAT, VILLAGE - SHIVAJI NAGAR, TALUKA- PUNE, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	1.7	5.0	7.0	8.4	220	573	8.6	23.5	0.02	7.60	95	900	900	1600
2678	MUTHA RIVER NEAR VEER SAVARKAR BHAVAN, VILLAGE-PUNE M.C, TALUKA- PUNE, DISTRICT -PUNE.	MAHARASHTRA	22.0	30.0	1.4	4.4	7.0	8.4	332	574	6.8	23.0	0.30	8.80	250	1600	1800	1800
2679	MUTHA RIVER AT DECCAN BRIDGE, VILLAGE- DECCAN, TALUKA- PUNE, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	1.8	4.2	7.0	8.3	341	563	8.0	25.5	0.02	9.00	195	1600	1600	1800
2680	MUTHA RIVER AT KHADAKVASLA DAM, VILLAGE-KHADAKVASLA, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	28.0	6.1	6.8	7.2	8.5	58	148	2.0	3.4	0.30	0.80	2	14	14	350
2196	PAWANA RIVER AT SANGAVIGAON, VILLAGE- SANGAVIGAON, TALUKA-HAWELI, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	2.2	4.9	7.1	8.4	222	697	5.5	15.0	0.11	5.80	140	550	900	1800

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2690	PAWANA RIVER AT KASARWADI, VILLAGE- KASARWADI, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	23.0	30.0	1.6	5.6	7.0	8.7	226	658	5.8	22.0	0.06	7.00	200	900	1600	1800
2691	PAWANA RIVER AT DAPODI BRIDGE, AT PAWANA- MULLA SANGAM, VILLAGE- DAPODI, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	23.0	29.0	0.9	4.8	7.2	8.5	223	703	5.5	15.5	0.05	3.90	195	1600	1600	1800
2692	PAWANA RIVER AT RAVET WEIR, VILLAGE- RAVET, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	24.0	36.0	5.8	6.9	7.4	8.3	113	361	2.0	4.6	0.30	5.20	5	110	14	900
2693	PAWANA RIVER AT CHINCHWADGAON, VILLAGE- CHINCHWADGAON, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	32.0	1.6	5.4	7.1	8.5	118	622	4.8	15.5	0.03	3.60	195	550	1600	1800
2694	PAWANA RIVER AT PIMPRIGAON, VILLAGE- PIMPRIGAON, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	30.0	1.9	4.8	7.0	8.6	171	655	5.0	16.5	0.08	3.50	170	550	1600	1800
2197	INDRAYANI RIVER AT D/S OF ALANDIGAON, VILLAGE- ALANDIGAON, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	29.0	1.9	5.7	7.1	8.9	236	697	4.0	11.5	0.20	6.40	225	595	1600	1800
2668	INDRAYANI RIVER AT D/S OF MOSHI VILLAGE. VILLAGE- MOSHI, TALUKA- HAWELI, DISTRICT- PUNE.	MAHARASHTRA	22.0	29.0	1.6	5.6	7.1	8.8	237	733	3.8	16.0	0.20	2.30	150	350	1600	1800
2669	INDRAYANI RIVER AT U/S OF MOSHIGAON, VILLAGE- MOSHI, TALUKA- HAWELI, .	MAHARASHTRA	22.0	29.0	3.8	5.9	7.1	8.4	242	684	3.2	8.6	0.20	3.80	130	250	900	1600
1911	CHANDRABHAGA RIVER AT U/S OF PANDHARPUR TOWN, VILLAGE- GURSALE, TALUKA- PANDHARPUR,	MAHARASHTRA	24.0	30.0	3.5	6.1	7.2	8.7	618	17490	3.2	10.0	0.20	2.50	80	275	900	1600
1912	CHANDRABHAGA RIVER AT D/S OF PANDHARPUR TOWN REAR VISHNUPANT MANDIR, VILLAGE- GOPALPUR, TALUKA- PANDHARPUR, DISTRICT- SOLAPUR.	MAHARASHTRA	24.0	30.0	1.6	5.5	7.3	8.9	617	22950	4.8	12.0	0.20	3.00	140	350	1600	1800
2665	GHOD RIVER AT SHIRUR, VILLAGE- SHIRUR, TALUKA- SHIRUR, DISTRICT- PUNE.	MAHARASHTRA	25.0	29.0	3.4	6.1	7.4	8.8	360	1299	3.4	6.8	0.20	2.70	35	195	350	1600

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2705	SINA RIVER NEAR LABOTI TOLL NAKA, VILLAGE- LABOTI, TALUKA- MOHAL, DISTRICT- SOLAPUR.	MAHARASHTRA	26.0	26.0	4.6	5.7	7.8	8.5	609	1866	5.2	7.0	0.20	1.50	45	110	550	900
2711	URMODI RIVER AT NAGTHNE, VILLAGE- NAGTHANE, TALUKA- SATARA, DISTRICT- SATARA.	MAHARASHTRA	23.0	28.0	4.4	6.1	7.8	8.3	158	596	2.2	6.2	0.20	4.70	14	170	170	900
2715	VEL RIVER AT SHIKRAPUR, VILLAGE- SHIKRAPUR, TALUKA- SHIRUR, DISTRICT- PUNE.	MAHARASHTRA	25.0	28.0	4.6	6.0	7.7	8.8	193	390	3.4	6.8	0.20	1.60	20	110	350	900

TABLE - 14: WATER QUALITY OF RIVER PENNAR (2018)

Station Code	LOCATION	STATE	Temperature (°C)		Dissolved Oxygen (mg/L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/L)		Nitrate (mg/L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1256	PENNAR AFTER CONF. WITH PAPAGNI, PUSPAGINI, A.P.	ANDHRA PRADESH	24.0	29.0	4.7	6.9	6.9	8.0	374	2680	1.0	2.0	0.40	5.20	2	2	2	600
1257	PENNAR AFTER CONF. WITH CHEYYURU, SOMASILE, A.P.	ANDHRA PRADESH	27.0	27.0	6.8	7.5	6.6	8.6	655	1060	1.6	3.0	0.75	16.80	2	4	800	1300
30	PENNAR AT SIDDVATA, NELLORE, A.P.	ANDHRA PRADESH	24.0	30.0	4.8	6.9	6.7	8.2	392	2320	1.0	5.0	0.80	5.70	2	2	2	500
2351	RIVER KUNDU, NANDYAL, NEAR OVER BDG., KURNOOL, A.P	ANDHRA PRADESH	7.0	29.0	4.8	7.1	7.2	8.2	322	1535	1.2	3.2	0.60	6.80	2	100	400	900

TABLE - 15: WATER QUALITY OF RIVER CAUVERY (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1195	CAUVERY AT KUSHAL NAGAR U/S (NEAR BAICHANAHALLI),	KARNATAKA	18.0	28.0	6.8	7.3	6.7	8.4	64	152	1.0	1.4	0.04	0.87	68	140	310	700
33	CAUVERY AT KRS DAM, BALAMURIKSHETRA, KARNATAKA	KARNATAKA	24.0	27.0	6.4	7.3	7.0	8.5	126	1224	1.0	2.5	0.14	1.12	83	270	790	1400
1386	CAUVERY AT D/S OF KAREKUARA VILLAGE, KARNATAKA	KARNATAKA	24.0	27.0	6.4	10.2	7.4	8.5	100	298	1.0	1.8	0.09	1.10	91	320	700	1200
1171	CAUVERY AT SRI RANGAPATTANNA, D/S OF ROAD BDG., KA	KARNATAKA	24.0	26.0	4.9	7.2	7.2	8.3	110	374	1.0	3.2	0.10	0.95	170	410	940	2100
34	CAUVERY AT SATHYAGALAM BRIDGE, KARNATAKA	KARNATAKA	24.0	31.0	5.5	7.2	7.1	8.4	140	422	1.0	2.9	0.14	1.18	92	320	790	1500
2773	CAUVERY AT BANNUR BRIDGE, KARNATAKA	KARNATAKA	24.0	31.0	4.5	7.0	7.3	8.4	182	496	1.1	3.0	0.20	74.00	170	490	1100	1700
3566	KRS DAM MANDYA	KARNATAKA	23.0	26.0	6.1	7.3	7.0	8.5	110	294	1.0	2.4	0.12	0.88	92	320	940	1500
3568	WATER SUPPLY INTAKE POINT TO SRIRANGAPATNA TOWN	KARNATAKA	24.0	26.0	5.6	7.3	7.3	8.3	112	346	1.0	2.7	0.14	0.98	110	270	1100	1400
3569	WATER SUPPLY INTAKE POINT TO MANDYA TOWN	KARNATAKA	24.0	26.0	5.8	7.3	7.2	8.4	110	364	1.0	2.8	0.13	1.14	110	310	940	1500
3570	D/S OF KR NAGAR BRIDGE	KARNATAKA	23.0	28.0	4.8	7.0	7.0	8.0	98	404	1.2	3.0	0.06	0.96	110	380	1100	1500
3571	U/S OF KR NAGAR	KARNATAKA	23.0	28.0	5.2	7.0	6.7	8.2	88	438	1.2	3.0	0.08	0.90	110	380	1100	1700

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3573	D/S OF KUSHALANAGAR TOWN	KARNATAKA	17.0	28.0	6.0	7.4	6.8	8.2	58	200	1.0	2.0	0.05	0.84	60	170	310	940
3574	WATER SUPPLY INTAKE POINT TO MADIKERI TOWN	KARNATAKA	17.0	21.0	6.2	7.4	6.6	8.5	30	72	1.0	2.4	0.02	0.50	40	140	270	470
2774	CAUVERY AT RANGANATHITTU, KARNATAKA	KARNATAKA	24.0	26.0	4.6	7.1	7.0	8.3	118	346	1.0	2.9	0.11	1.10	130	460	940	1500
3576	WATER SUPPLY INTAKE POINT TO MYSORE PUMP HOUSE	KARNATAKA	19.0	30.0	6.1	7.3	7.1	8.5	128	320	1.0	2.0	0.08	0.80	92	270	790	1300
4099	CAUVERY RIVER D/S BARACHUKI FALLS, SATHEGALA, KOLL	KARNATAKA	24.0	32.0	7.0	7.2	7.3	8.1	122	378	1.0	1.1	0.10	0.96	92	210	630	940
4102	D/S OF CAUVERY AT BHAGAMANDALA BRIDGE	KARNATAKA	17.0	20.0	6.9	7.3	6.4	7.6	40	98	1.0	1.4	0.04	0.50	20	93	210	480
4103	D/S OF CAUVERY AT KANIVE RAMALINGESWARA TEMPLE BRI	KARNATAKA	20.0	23.0	6.9	7.3	6.6	7.8	74	180	1.0	1.5	0.10	0.90	37	82	240	330
4109	CAUVERY RIVER BEFORE CONFLUENCE AT SANGAM	KARNATAKA	24.0	27.0	5.9	9.5	6.5	8.1	280	1223	2.0	3.0	0.40	7.00	21	1100	350	9200
3578	D/S OF CAUVERY MADDUR WATER SUPPLY TREATMENT PLANT	KARNATAKA	24.0	26.0	5.4	7.3	7.1	8.3	118	872	1.0	3.0	0.10	1.40	120	390	840	1500
3579	WATER SUPPLY INTAKE POINT AT KOLLEGALA DASANAPURA	KARNATAKA	23.0	30.0	5.6	7.1	7.0	8.5	136	422	1.0	2.7	0.10	1.09	130	380	940	1500
3581	WATER SUPPLY INTAKE POINT AT T K HALLI	KARNATAKA	24.0	26.0	5.5	7.3	7.1	8.4	142	742	1.0	2.9	0.14	1.10	110	430	940	1500

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
30052	CAUVERY AT AJJIBORE (BANGALORE)	RD_BANGALORE	0.0	0.0	5.8	8.6	8.1	8.5	342	655	0.0	0.4	0.00	0.38	14	79	120	540
1322	CAUVERY AT 1KM. D/S OF BHAVANI RIVER CONFL., TAMIL	TAMIL NADU	26.0	33.0	4.7	7.0	6.5	8.4	162	786	0.9	4.2	0.08	1.74	210	470	580	1200
51	CAUVERY AT PALLIPPALAYAM, TAMIL NADU	TAMIL NADU	25.0	34.0	3.7	8.7	6.7	8.2	180	1680	1.1	9.6	0.14	2.71	210	4600	400	3800
1320	CAUVERY AT ERODE NEAR CHIRAPALAYAM, TAMILNADU	TAMIL NADU	26.0	33.0	3.2	7.8	6.9	8.4	5	934	0.7	4.8	0.03	2.13	130	460	400	1200
1323	CAUVERY AT VELORE NEAR KATTIPALAYAM, TAMILNADU	TAMIL NADU	21.0	32.0	5.2	8.1	7.4	8.8	221	1756	0.8	7.0	0.08	1.48	83	2200	320	4300
3015	CAUVERY AT PUGALUR, KARUR, TAMILNADU	TAMIL NADU	28.0	32.0	6.2	8.3	7.3	8.4	195	1008	0.1	6.0	0.39	1.05	170	700	460	1700
1324	CAUVERY AT MOHANUR NEAR PATTAPALAYAM, TAMILNADU	TAMIL NADU	26.0	31.0	5.1	8.4	7.4	8.6	226	1708	1.0	17.4	0.14	1.32	82	2600	320	4700
1451	CAUVERY AT THIRUMUKKUDAL-CONFL. PT.OF R. AMRAVATI,	TAMIL NADU	28.0	32.0	5.8	8.1	7.5	8.2	204	1168	0.3	5.0	0.29	1.05	130	840	410	2100
31	CAUVERY AT MUSIRI, TAMIL NADU	TAMIL NADU	25.0	33.0	3.4	7.3	7.8	8.0	240	763	0.3	3.5	0.15	1.02	130	460	380	1200
3016	CAUVERY AT PETTAIVAITHALAI, TRICHY, TAMILNADU	TAMIL NADU	26.0	36.0	5.2	7.2	7.9	8.3	253	773	0.4	3.8	0.37	1.02	110	840	350	2200
1202	CAUVERY AT TIRUCHIRAPPALLI U/S, TAMILNADU	TAMIL NADU	24.0	34.0	5.5	8.9	7.8	8.4	218	660	0.4	3.6	0.41	1.06	210	790	630	2100

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1325	CAUVERY AT TIRUCHIRAPPALLI D/S, TAMILNADU	TAMIL NADU	24.0	29.0	4.2	7.4	7.2	8.6	193	1517	0.3	7.8	0.13	1.06	12	1700	32	3900
1203	CAUVERY AT TRICHY, GRAND ANAICUT, TAMILNADU	TAMIL NADU	23.0	32.0	3.8	8.3	7.4	8.7	227	1073	0.4	9.9	0.44	1.03	170	1100	410	2200
1206	CAUVERY AT THANJAVUR, TAMILNADU	TAMIL NADU	25.0	35.0	6.5	8.3	7.0	8.6	87	844	0.5	2.8	0.06	1.05	22	310	70	840
3018	CAUVERY AT MAYILADUTHURAI, NAGAPATTINAM, TAMILNADU	TAMIL NADU	32.0	32.0	5.0	5.0	7.6	7.6	399	399	2.6	2.6	0.08	0.08	63	63	210	210
3017	CAUVERY AT KUMBAKONAM, THANJAVUR, TAMILNADU	TAMIL NADU	20.0	34.0	5.3	9.0	7.1	8.1	199	604	1.2	3.3	0.09	1.00	84	210	260	580
3012	CAUVERY AT KOMARAPALAYAM, NAMAKAL, TAMILNADU	TAMIL NADU	25.0	34.0	4.8	7.2	7.0	8.0	151	804	1.0	4.8	0.13	3.88	120	630	410	1400
3013	CAUVERY AT URRACHIKOTTAI, ERODE, TAMILNADU	TAMIL NADU	25.0	34.0	5.2	8.1	7.2	8.5	113	569	0.4	5.4	0.12	1.27	70	630	170	1400
3014	CAUVERY AT VAIRAPALAYAM, NAMAKAL, TAMILNADU	TAMIL NADU	25.0	34.0	6.0	8.0	6.8	8.3	164	736	0.8	3.9	0.13	3.30	110	260	320	700
3017	CAUVERY AT KUMBAKONAM, THANJAVUR, TAMILNADU	TAMIL NADU	20.0	34.0	5.3	9.0	7.1	8.1	199	604	1.2	3.3	0.09	1.00	84	210	260	580
1326	CAUVERY AT COLEROON	TAMIL NADU	29.0	35.0	4.1	8.6	7.2	8.2	221	26800	0.2	3.0	0.36	1.00	70	460	240	17000
1327	CAUVERY AT PITCHAVARAM	TAMIL NADU	29.0	35.0	5.5	8.4	7.1	8.7	88	1671	0.6	4.8	0.10	2.24	12	1400	20	3500
50	CAUVERY AT METTUR	TAMIL NADU	26.0	31.0	3.5	8.7	6.8	8.1	121	597	0.4	2.8	0.01	3.00	22	260	26	2000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
51	CAUVERY AT PALLIPPALAYAM	TAMIL NADU	25.0	34.0	3.7	8.7	6.7	8.2	180	1680	1.1	9.6	0.14	2.71	210	4600	400	3800
1320	CAUVERY AT ERODE NEAR CHIRAPALAYAM	TAMIL NADU	26.0	33.0	3.2	7.8	6.9	8.4	5	934	0.7	4.8	0.03	2.13	130	460	400	1200
3018	CAUVERY AT MAYILADUTHURAI, NAGAPATTINAM, TAMILNADU	TAMIL NADU	32.0	32.0	5.0	5.0	7.6	7.6	399	399	2.6	2.6	0.08	0.08	63	63	210	210

TABLE 15.2: - WATER QUALITY OF TRIBUTARY STREAMS - BHAVANI, SHIMSA, AKRAVATI, LAKSHMANTIRTHA, KABBANI, BHAVANI, KALINGANARAYAN, DAKSHIN PINAKINI, VASISTA, YAGACHI, SARABANGA & THIRUMANIMUTHAR (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
1200	SHIMSHA AT D/S OF HIGHWAY BRIDGE, YEDIYAR, KARNATA	KARNATAKA	24.0	26.0	5.1	7.2	6.5	7.2	195	320	3.0	4.0	0.10	5.00	33	84000	172	920000
1166	SHIMSHA AT D/S OF BRIDGE, HALAGUR, KARNATAKA	KARNATAKA	25.0	26.0	4.5	6.9	7.1	8.4	104	586	1.8	3.4	0.11	2.10	340	470	1300	2200
3567	D/S SHIMSHA NEAR MADDUAR TOWN	KARNATAKA	25.0	27.0	2.8	6.8	7.3	8.3	166	682	1.4	6.2	0.18	1.74	210	410	1200	2400
3580	WATER SUPPLY INTAKE POINT AT MADDUAR	KARNATAKA	23.0	26.0	4.8	7.2	7.1	8.5	104	874	1.0	3.0	0.13	1.20	170	460	1100	1700
1165	ARKAVATHI AT D/S OF KANAKAPURA TOWN, KARNATAKA	KARNATAKA	23.0	31.0	3.9	6.2	6.8	7.5	968	1544	2.0	10.5	2.50	15.00	46	460000	350	1750000

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2778	ARKAVATHI AT T.G. HALLI RESERVOIR, , KARNATAKA	KARNATAKA	24.0	30.0	4.3	7.6	7.3	8.5	936	1158	2.0	8.0	0.60	4.90	17	17000	49	160000
2779	ARKAVATHI AT HESARAGHATTA RESERVOIR, KARNATAKA	KARNATAKA	21.0	32.0	1.5	8.8	6.7	8.0	129	2160	2.0	9.0	0.10	9.00	470	14000	5400	160000
4108	AKRAVATHIR RIVER BEFORE CONFLUENCE AT SANGAM	KARNATAKA	22.0	26.0	5.0	9.0	6.9	8.1	830	1576	2.0	13.0	1.40	84.90	43	490	540	3500
1207	KABBANI AT MUTHANKARA, KERALA	KERALA	22.0	31.0	5.2	8.0	6.2	7.5	46	142	0.5	1.4	0.09	0.19	2	63	40	310
1197	KABBANI AT SARAGUR VILLAGE D/S, KARNATAKA	KARNATAKA	22.0	32.0	4.7	7.0	5.6	8.5	84	264	1.0	3.4	0.07	1.10	210	490	1100	2200
41	KABBANI AT CAUSE WAY SATTUR, KARNATAKA	KARNATAKA	24.0	32.0	4.0	7.1	6.9	8.5	76	490	1.0	3.6	0.07	1.30	200	460	1100	2100
1445	KABBANI AT WATER INTAKE OF KIADB AT NANJANGUD, KAR	KARNATAKA	23.0	30.0	4.8	7.1	6.8	8.5	108	370	1.0	3.2	0.08	1.60	140	460	1100	1700
2775	KABBANI AT BATHING GHAT, NANJANAGUD, KARNATAKA	KARNATAKA	23.0	31.0	3.0	7.0	6.9	8.5	104	466	1.1	4.1	0.10	1.48	320	840	1500	2400
1208	BHAVANI AT ELACHIVAZHY, KERALA	KERALA	24.0	30.0	6.8	8.7	6.3	8.3	80	283	0.5	1.0	0.13	2.50	0	220	20	580
1321	BHAVANI AT BHAVANI SAGAR, TAMILNADU	TAMIL NADU	23.0	33.0	5.5	8.5	6.3	8.1	95	225	0.8	4.6	0.08	1.87	21	310	94	1100
1201	BHAVANI AT PATHIRAKALIAMMAN KOIL, TAMILNADU	TAMIL NADU	22.0	30.0	6.1	8.4	6.2	7.2	91	339	0.3	2.0	0.07	1.05	25	120	120	380
1204	BHAVANI AT SIRUMUGAI, TAMILNADU	TAMIL NADU	22.0	29.0	6.2	8.4	6.5	7.9	96	366	0.2	2.0	0.08	1.07	63	140	210	410

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
3019	BHAVANI AT D/S OF BHAVANISAGAR, SATHYAMANGALAM, ER	TAMIL NADU	23.0	33.0	5.8	8.1	6.2	8.2	89	398	0.4	3.2	0.07	1.16	11	220	46	480
3020	U/S OF KALINGARAYAN CANAL (B5), ERODE, TAMILNADU	TAMIL NADU	26.0	32.0	4.2	8.1	7.1	8.2	227	707	0.6	1.9	0.09	1.00	120	320	400	630
3021	D/S OF KALINGARAYAN CANAL (B10), ERODE, TAMILNADU	TAMIL NADU	26.0	32.0	5.4	7.9	3.3	8.3	244	608	0.5	2.0	0.09	1.00	140	310	460	700
3024	SARABANGA AT SALEM, D/S OF TEXTILE DYEING INDUSTRI	TAMIL NADU	25.0	31.0	nil	3.8	6.7	7.9	1034	3110	8.0	72.0	1.00	6.84	3300	110000	7900	220000
3022	THIRUMANIMUTHAR AT SALEM, D/S OF SAGO & TEXTILE DY	TAMIL NADU	25.0	30.0			7.0	8.0	1778	2530	20.0	76.0	1.00	5.92	3100	140000	5800	350000
1319	AMRAVATI AT 1KM D/S FROM EFF.DIS. PT. AT MADHUTHUK	TAMIL NADU	23.0	29.0	6.2	9.6	6.3	8.1	86	473	0.3	3.0	0.05	1.05	21	380	70	1200
1196	LAKSHMANTIRTHA AT D/S OF HUNSUR TOWN, KARNATAKA	KARNATAKA	24.0	28.0	2.1	6.7	6.7	8.2	96	626	2.0	10.2	0.12	1.70	260	940	1700	3500
2772	LAKSHMANTIRTHA AT D/S OF KATTEMALAVADI, KARNATAKA	KARNATAKA	24.0	28.0	3.4	6.9	6.7	7.9	80	648	1.3	5.2	0.14	1.85	260	630	1400	2200
3572	WATER SUPPLY INTAKE POINT TO HUNSUR TOWN	KARNATAKA	24.0	31.0	4.8	6.9	6.6	8.5	80	638	1.1	3.0	0.07	1.50	170	460	1100	1700
4100	SUVARANVATHI RESERVOIR, ATTIGULLIPURA CHAMARAJANAG	KARNATAKA	24.0	29.0	6.2	7.4	6.7	8.0	132	184	1.0	2.2	0.09	0.64	91	200	630	1200
4101	GUNDAL RESERVOIR, GUNDAL KOLLEGALA TQ & CHAMARAJAN	KARNATAKA	23.0	30.0	6.8	7.3	7.5	8.2	122	152	1.0	1.5	0.10	1.18	92	270	700	1100

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
4107	DAKSHINA PINAKINI RIVER NEAR MUGALUR BRIDGE MUGALU	KARNATAKA	22.0	25.0	3.1	8.5	6.5	7.2	954	1432	2.0	13.0	1.00	12.02	49000	170000	170000	920000
3023	VASISTA AT SALEM, D/S OF SAGO INDUSRIES EFFLUENT,	TAMIL NADU	26.0	31.0			6.4	7.9	1812	2860	30.0	1125.0	0.29	25.80	14000	170000	28000	350000
1893	YAGACHI RIVER NEAR PUMPING STATION. HASSAN CITY	KARNATAKA	24.0	27.0	4.6	6.8	7.0	8.2	320	880	2.0	3.0	0.20	0.40	110	240	1700	3500

TABLE 16: WATER QUALITY OF RIVER SUBARNREKHA (2018)

Station Code	LOCATION	STATE	Temperature (° C)		Dissolved Oxygen (mg/ L)		pH		Conductivity (µmho/ Cm)		Bio-Chemical Oxygen Demand (mg/ L)		Nitrate (mg/ L)		Faecal Coliform (MPN/ 100 mL)		Total Coliform (MPN/ 100 mL)	
					> 5.0 mg/ L		6.5 - 8.5				< 3.0 mg/ L				< 2500 MPN/ 100 mL			
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
2399	SUBARNAREKHA AT CHANDIL DAM	JHARKHAND	11.0	28.0	7.7	8.4	7.4	7.6	158	194	0.2	0.4	0.30	0.60				
23	SUBARNAREKHA AT RANCHI, (TATISILWAI) JHARKHAND	JHARKHAND	15.0	39.0	5.4	7.3	6.5	7.6			3.0	3.9			140	200	750	1200
24	SUBARNAREKHA AT JAMSHEDPUR, JHARKHAND	JHARKHAND	16.0	30.0	5.0	6.5	6.5	7.4	282	372	1.8	4.3	0.30	5.30				
48	SUBARNAREKHA AT CHANDIL BRIDGE, JHARKAND	JHARKHAND	11.0	31.0	7.5	8.0	7.4	7.5	168	232	0.3	0.5	0.30	5.00				
49	SUBARNAREKHA AT D/S JAMSHEDPUR, (TATA NAGAR), JHAR	JHARKHAND	8.0	30.0	3.0	7.7	6.6	7.6	264	388	0.5	8.0	0.20	19.00				
2387	SUBAREKHA AT GHATISLA ROAD BRIDGE	JHARKHAND	13.0	31.0	7.2	8.0	7.0	7.6	230	282	0.3	0.7	0.20	1.50				
2385	SUBARNAREKHA AT NAMKUM ROAD BRIDGE	JHARKHAND	15.0	37.0	4.5	7.6	6.5	6.8			3.0	3.5			140	200	750	1200
2386	SUBARNAREKHA AT MURI ROAD BRIDGE	JHARKHAND	18.0	35.0	7.7	8.0	6.8	8.0			2.4	3.0			140	200	750	1200
2395	SUBARNAREKHA AT HATIA DAM	JHARKHAND	3.0	33.0	8.3	8.5	7.2	7.4			1.9	2.6			140	230	750	1200
2397	SUBARNAREKHA AT GATALSUD DAM	JHARKHAND	14.0	39.0	8.0	8.4	7.2	7.5			2.6	3.1			140	150	750	930

Note:- Above compiled data is based on the data as reported by SPCBs/PCCs under NWMP. For further clarifications, pl. contact respective SPCB/PCC