

TABLE - 4.1: WATER QUALITY OF RIVER BEAS - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
ity criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1001	BEAS U/S MANALI	HIMACHAL PRADESH	25	31	5.5	8	7.8	8.5	194	486	1.2	3	0.2	0.9	130	1300	840	3500
2601	BEAS D/S MANALI	HIMACHAL PRADESH	5	19	7.6	10.1	7	8.4	88	152	0.1	0.3	0	1	11	43	70	280
2602	BEAS U/S KULLU	HIMACHAL PRADESH	5	20	7.7	9.6	6.8	8.3	92	194	0.1	0.1	0	0.8	11	34	94	280
1002	BEAS D/S KULU	HIMACHAL PRADESH	24	25			4.3	6.6	205	224	0.4	0.8	0.5	0.9	2.0	30	0	100
1003	BEAS D/S AUT	HIMACHAL PRADESH	23	29	2.5	6.82	6.9	8.3	76	326	2	8.8	0.1	1.2	8	40	70	1600
1005	BEAS EXIT OF TUNNEL DEHAL POWER HOUSE	HIMACHAL PRADESH	24	31	6	7.6	7.3	7.8	110	400	2	4	0.1	0.3	140	900	350	2400
1550	BEAS U/S MANDI	HIMACHAL PRADESH	10	24	7.6	11.5	7.2	8.1	92	259	0.1	0.1	0	0.7	11	32	94	210
1006	BEAS D/S MANDI	HIMACHAL PRADESH	10	26	7.5	11.6	7.2	8.2	121	342	0.1	0.2	0	1	17	63	130	540
2604	BEAS D/S JAISINGHPUR	HIMACHAL PRADESH	13	19	7.5	8.7	7	8.6	165	453	0.3	2	0	0.2	6	17	170	280
1007	BEAS D/S ALAMPUR	HIMACHAL PRADESH	15	20	7.1	8.4	6.7	8.7	167	454	0.4	1	0	0.3	5	14	140	280
1009	BEAS D/S PONG DAM	HIMACHAL PRADESH	14	20	6.7	8.7	7.4	8.5	165	310	0.1	0.5	0	0.2	6	13	130	280
1693	BEAS AT TALWARA H/W	PUNJAB	12	21	7.2	8.1	7.3	7.8	192	227	0.4	0.4	0.4	0.8	70	180	110	360
1694	BEAS U/S PATHANKOT	PUNJAB	12	23	6	7.8	7	7.6	214	301	0.4	1.1	0.7	1.6	84	210	210	400
1695	BEAS D/S PATHANKOT	PUNJAB	11	22	7	7.8	7.1	7.6	270	312	0.8	1.4	1.2	2.2	94	250	330	580
1294	BEAS AT 1KM.D/S OF EFFL. DISH. POINT AT MUKERIAN	PUNJAB	10	22	5	6.4	7	7.5	296	372	2.2	3.8	1.4	2	170	270	430	790
1011	BEAS AT G.T.ROAD UNDER BDG. NEAR KAPURTHALA	PUNJAB	11	21	7.3	7.8	7.2	7.6	198	288	0.7	1.3	0	2.4	110	180	260	430
1696	BEAS U/S GOINDWAL	PUNJAB	12	23	7.2	7.6	7.2	7.8	234	284	0.7	1.6	1	2	110	210	220	610
1012	BEAS 100M D/S INDUST. DISCH. GOINDWAL	PUNJAB	12	22	7.1	7.8	7	7.6	207	294	0.8	1.4	1.2	1.6	130	220	270	540
1697	BEAS AT HARIKE, PUNJAB	PUNJAB	12	23	7.4	7.8	7	7.7	224	282	0.6	1.4	1.3	1.8	110	180	220	360
2603	BEAS AT D/S PANDOH DAM	HIMACHAL PRADESH	10	20	7.7	12.8	6.5	8.3	95	202	0.1	0.1	0	1.1	17	49	140	350
2913	EAST KALI BEIN FALLING INTO RIVER BEAS	PUNJAB	13	24	1.8	2.5	6.8	7.1	646	703	4.3	9	2.3	3.2	170	460	430	1700

TABLE - 4.2: WATER QUALITY OF RIVER SATLUJ - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1867	SATLUJ B/C WITH SPITI AT KHAB, DISTT.KINNAUR,	HIMACHAL PRADESH	9	12	9.5	10.1	7	8	153	499	0.1	0.1	0	1				
2611	SATLUJ AT KHAB	HIMACHAL PRADESH	9	12	9.6	10.1	6.2	8.1	156	506	0.1	0.1	0	0.8				
1086	SATLUJ U/S RAMPUR	HIMACHAL PRADESH	14	16	8.7	9.2	7	8	125	442	0.1	0.1	0	2.6				
1087	SATLUJ D/S RAMPUR	HIMACHAL PRADESH	14	16	8.6	9.3	6.5	8	156	448	0.2	0.2	0	0.9				
1013	SATLUJ U/S TATAPANI	HIMACHAL PRADESH	15	18	8.4	9.1	6	8.5	160	399	0.1	0.1	0	0.9				
1014	SATLUJ U/S SLAPPER	HIMACHAL PRADESH	9.9	24	8	9.8	6.6	8.7	182	496	0.1	0.2	0	0.8	13	34	94	280
1015	SATLUJ D/S SLAPPER	HIMACHAL PRADESH	9.9	22	8.5	9.7	7.1	8.5	178	402	0.1	0.3	0	0.9	17	63	140	350
1016	SATLUJ D/S BHAKHRA	HIMACHAL PRADESH	8	28	5.9	7.6	7.1	8.3	203	282	0.2	0.4	0	0.9	6	20	210	540
1389	SATLUJ AT NEPTHA ZAKHAI	HIMACHAL PRADESH	12	14	9.1	9.6	6.7	8.1	154	498	0.1	0.2	0	1.1				
1017	SATLUJ 100M U/S OF HEADWORKS, NANGAL	PUNJAB	16	25	7.9	8.5	7.3	8.1	202	281			0.4	0.8	40	200	110	450
1018	SATLUJ 100M D/S , NANGAL	PUNJAB	17	22	7.7	8.2	7.6	8	208	302			0.4	0.8	180	370	360	610
1293	SATLUJ 1 KM. D/S OF ZENITH	PUNJAB	16	27	7.2	7.8	7.2	8.6	246	354	1.6	2	1	2.2	110	450	430	1500
1814	SATLUJ D/S KIRATPUR SAHIB	PUNJAB	15	27	7.5	8.4	7.7	8.3	213	312	0.6	0.6	0.6	1.2	150	550	350	1100
1019	SATLUJ U/S HEAD WORKS ROPAR	PUNJAB	16	27	7.8	7.9	7.3	8	232	302	1.4	1.4	0.6	2	140	450	350	920
1380	SATLUJ D/S NFL	PUNJAB	15	24	7.6	8.2	7.6	8.2	228	312	1	1	0.4	1.2	110	400	220	920
1690	SATLUJ U/S BUDHA NALLAH (UPPER)	PUNJAB	19	31	6.4	7.8	7.6	8.3	266	414	1.2	1.3	0.6	1.6	180	680	560	1200

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			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1020	SATLUJ 100M D/S BUDHA NALA CONFL., LUDHIANA	PUNJAB	19	33	2.6	5.8	7.2	7.9	402	894	3.2	43	1	4.4	9400	21000	27000	63000
1021	SATLUJ AT BOAT BDG. DHARMKOTNAKODAR ROAD, JALANDHAR	PUNJAB	19	29	5.4	7.6	7.4	7.9	360	802	2.2	21	0.8	2.6	180	17000	610	40000
1381	SATLUJ D/S EAST BEIN BASIN	PUNJAB	11	24	1	3.2	6.6	7.1	322	789	5.2	14	2	3	460	2600	1100	8400
1691	SATLUJ U/S HUSSANIWALA - H/W FEROZEPUR	PUNJAB	14	28	7.2	7.8	7.2	7.9	211	305	1	1	0.6	1.4	180	400	550	930
1692	SATLUJD/S HUSSANIWALA-H/W FEROZEPUR	PUNJAB	14	27	7	7.8	7.3	8	244	304	1	1	0.8	1.4	180	450	560	910
2915	SATLUJ, 100 MT. D/S OF PAOL, NANGAL	PUNJAB	15	24	7.6	8	7.5	8	240	371			0.6	0.8	120	400	280	1200
1022	SATLUJ AT BRIDGE HARIKE, AMRITSAR	PUNJAB	12	24	4.8	5.6	7	7.6	262	393	2.4	3	1.8	2.6	170	370	430	830

TABLE 4.3:- WATER QUALITY OF TRIBUTARY STREAMS RAVI, PARVATI, LARGI, SIRSA, SWAN, SIUEL, CHUNT KOL, SUKETIKHAD, BINWA, NEUGAL,SPITI, BASPA, GAWKADAL, LIDDER NALLAH, SINDH, BANGANGA, SAMBA, DEVAK, BELICHARANA,BASANTAR,TAWI, UJH & JHELM&CHENAB - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1088	RAVI U/S MADHOPUR	HIMACHAL PRADESH	9	20	6.2	8.7	7	8.4	167	236	0.1	0.8	0	0.3	4.5	14	170	430
1089	RAVI U/S CHAMBA	HIMACHAL PRADESH	8	14	8.6	8.7	7.1	8.1	100	240	0.2	1.4	0	0.2	4	14	100	240
2614	RAVI AT CHAMERA RESERVOIR	HIMACHAL PRADESH	8.9	16	8.4	8.8	7.2	8.2	137	746	0.2	0.5	0	0.2	3.6	17	90	280
2615	RAVI D/S CHAMERA III HEP	HIMACHAL PRADESH	7.6	14	8.4	8.8	7.3	8.1	105	242	0.1	0.6	0	0.2	4	15	90	220
2613	RAVID/S OF CHAMBA TOWN	HIMACHAL PRADESH	8	14	8.5	8.8	7.2	7.9	125	240	0.1	1.8	0	0.2	3.7	15	120	240
1097	RAVI U/S OF MADHOPUR H/W, GURDASPUR	PUNJAB	10	22	7	8.1	7.4	7.8	156	224	0.3	1	0.2	0.8	17	70	43	130
1290	PARVATI B/C TO BEAS	HIMACHAL PRADESH	5	19	7.8	10.1	6.8	8.4	46	870	0.1	0.1	0	0.7	11	31	94	220
2605	PARVATI U/S MANIKARAN	HIMACHAL PRADESH	4	18	7.9	10.5	6.4	8.4	45	124	0.1	0.1	0	1.2	8	23	43	130
2606	PARVATI D/S MANIKARAN	HIMACHAL PRADESH	4	18	7.9	10.4	6.8	8.2	63	121	0.1	0.1	0	0.7	11	33	63	210
1090	LARGI AT D/S MANDI	HIMACHAL PRADESH	7	20	7.6	9.8	4.2	8.3	62	325	0.1	0.1	0	1	11	43	70	240
1551	SIRSA , U/S SITOMAJRI NALLAHGARH	HIMACHAL PRADESH	11	27	5.2	9.2	7	8.4	157	1115	0.4	3	0	19	1.8	23	8.1	94
1552	SIRSA , D/S NALAGARH BRIDGE	HIMACHAL PRADESH	12	32	4.1	8.5	7.3	8.8	548	1949	0.3	4	0	17	4	33	25	170
1868	SIRSA D/S NALAGARH DISTT. SOLAN	HIMACHAL PRADESH	12	31	4.3	8.8	7.3	8.6	462	1849	0.6	8	0	5.7	6.1	46	24	210
1869	SWAN D/S NANGAL DISTT. UNA	HIMACHAL PRADESH	10	31	5	6.7	7.4	8.5	392	807	0.3	2	0	0.9	6.1	26	220	920
2616	SIUEL D/S SURGANI	HIMACHAL PRADESH	7.6	19	8.6	8.8	7.2	8.3	144	259	0.1	0.8	0	0.4	3.6	11	94	220
1307	CHUNT KOL (MAULANA AZAD BRIDGE)	JAMMU & KASHMIR	6	27	2	7.2	7.1	8.4	122	440	2.2	10	0	0				

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2607	SUKETI KHAD D/S MANDI	HIMACHAL PRADESH	13	27	6.7	11.7	7.1	8.1	173	496	0.1	0.4	0	0.9	23	140	280	920
2608	BINWA D/S PAPROLA/BAIJNATH	HIMACHAL PRADESH	9	20	7.3	8.4	6.8	8	87.6	220.6	0.2	0.8	0	0.2	5.5	14	170	240
2609	NEUGAL D/S THURAL	HIMACHAL PRADESH	14	20	7.8	8.6	7.1	8.5	72.6	353	0.1	1.2	0	0.3	3.7	14	110	350
2610	SPITI AT KHAB	HIMACHAL PRADESH	9	12	9.4	9.9	6.6	8.1	48	535	0.1	0.1	0	0.7				
2612	BASPA U/S RESERVOIR BASPA PROJECT	HIMACHAL PRADESH	10	12	8.9	9.7	7	8	86	478	0.1	0.1	0	1				
1306	GAWKADAL, SRG (SHERGHARI, SRG)	JAMMU & KASHMIR	6	24	5.4	8.5	7.1	8	124	580	2.5	9	0	0				
1304	JHELAM D/S ANANTNAG	JAMMU & KASHMIR	8	14	6.4	8.4	7.4	8.3	187	606	2	2.6	0	0				
1410	JHELAM AT DALAGATE (INLET), SRINAGAR	JAMMU & KASHMIR	7	23	4.6	8.3	7.4	8.1	138	578	2	4	0	0				
1411	JHELAM AT CHATTABAL WEIR (OUTLET)	JAMMU & KASHMIR	7	25	5.2	8.5	7.4	8.1	124	550	2	4.7	0	0				
3272	JHELUM AT VERINAG	JAMMU & KASHMIR	7	14	7	9	7.1	8	191	310	0.4	0.8	0	0				
3273	JHELUM AT SANGAM, CONFLUENCE POINT OF VISHAV NALLAH	JAMMU & KASHMIR	8.1	15	5.4	9.2	6.5	8.1	134	493	1	2.7	0	0				
3274	JHELUM AT AWANTIPORA	JAMMU & KASHMIR	8.2	14	6.9	9.5	7	8	151	547	1.6	2.7	0	0				
3275	JHELUM AT PAMPORE	JAMMU & KASHMIR	8.1	15	5.6	8.5	7.4	7.9	144	559	1	2.9	0	0				
3276	JHELUM AT SPORE, CONFLUENCE POINT OF WULAR LAKE	JAMMU & KASHMIR	6	16	6.8	8.9	7	7.9	136	520	2	3	0	0				
3277	JHELUM D/S ATBARAMULLA	JAMMU & KASHMIR	6	16	7	8.8	7	7.9	139	525	2.5	3.2	0	0				
3278	LIDDER NALLAH AT LARIPORA	JAMMU & KASHMIR	5.4	8.8	8.7	10.1	7.2	8	109	374	0.6	1	0	0				
3279	LIDDER NALLAH AT CLUB PARK	JAMMU & KASHMIR	5.5	8.9	7	9.4	7.6	8.1	116	374	0.6	1	0	0				
3280	LIDDER NALLAH AT BUS ADDA	JAMMU & KASHMIR	5.4	8.6	7.8	10.1	7.4	7.9	133	367	1	1.4	0	0				

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			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
3281	LIDDER NALLAH AT YANEER, D/S OF PHALGUM	JAMMU & KASHMIR	5.3	11	5.7	10	7.1	8.1	68	383	0.6	1	0	0				
3282	LIDDER NALLAH NERA BUMZOO, ANANTNAG	JAMMU & KASHMIR	6	12	7.8	10.8	7.2	7.9	90	342	0.6	1	0	0				
3283	SINDH U/S SONAMARG	JAMMU & KASHMIR	4.5	9	8	8.9	7.5	8.5	152	283	0.5	0.6	0	0				
3284	SINDH D/S SONAMARG	JAMMU & KASHMIR	4.5	8	8.1	8.7	7.5	8.3	141	290	0.6	0.7	0	0				
3285	SINDH AT WAIL BRIDGE	JAMMU & KASHMIR	4.7	9	8	10.9	7.4	8.5	113	373	0.5	1.2	0	0				
3286	SINDH AT DUDERHAMA	JAMMU & KASHMIR	4.9	10	8.5	9.7	7.6	8.1	135	438	1	2	0	0				
3287	SINDH AT RANGIL, SRINAGAR	JAMMU & KASHMIR	4.1	10	8.2	10.3	7.4	8.3	128	435	0.5	2	0	0				
2755	BANGANGA (BATHING GHAT), KATRA	JAMMU & KASHMIR	8.9	25	5.6	7.6	7.8	8.2	316	530	2.1	4	0	5				
2756	BANGANGA (IN FRONT OF PONY SHED NEAR REASI BRIDGE) KATRA	JAMMU & KASHMIR	8.8	26	5.6	8.1	7.8	8.1	304	523	2.1	6	0.1	7.8				
2752	SAMBA(BELOW NH-1A BRIDGE) BASANTAR US (R.H.S.)	JAMMU & KASHMIR	13	29	7.2	8.1	7.8	8.2	240	290	2.4	5	0.1	0.3				
2753	SAMBA (AT CHAK MANGA GUJJAR) BASANTAR D/S (R.H.S)	JAMMU & KASHMIR	15	29	6.5	8.1	7.2	8.3	232	260	2	6	0	0.5				
2748	CHENAB, L.H.S. (BELOW BRIDGE CHENAB)	JAMMU & KASHMIR	9	16	6.6	9.2	7.6	8.1	112	190	0	0	0	1				
2749	CHENAB, BLIND CURVE, SHAMSHAN GHAT	JAMMU & KASHMIR	9	16	7	9.4	7.5	8.2	114	194	0	2.8	0	0.9				
2750	CHENAB, CHADRA GAON VIEW POINT	JAMMU & KASHMIR	9	16	7.2	9.4	7.5	8	115	185	0	0	0	0.3				
2751	CHENAB, JAI PATAN MANDIR AFTER MEETING WITH MAIN DRAIN OF AKHNOOR CITY	JAMMU & KASHMIR	9	17	8	8.2	7.3	7.8	120	185	1.3	5	0.1	0.7				
2754	DEVAK UDHAMPUR(NEAR SHIV MANDIR), L.H.S.	JAMMU & KASHMIR	11	27	4.2	6.8	7.2	7.9	460	542	8.2	22	0.2	4.1				
2757	DEVAK AT UTTERBEHNI.	JAMMU & KASHMIR	12	28	3.1	8	7.8	8.1	250	320	3.2	3.4	0	5.7				

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			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2743	TAWI,U/S TAWI BRUDGE, BAGH – E-BAHU LIFTING POINT	JAMMU & KASHMIR	16	24	6.3	8.5	7.6	8	142	251	1	2.2	0	0.1				
2744	TAWI, BELOW TAWI BRIDGE	JAMMU & KASHMIR	15	24	7.1	7.3	7.5	7.8	114	277	3.1	3.1	0	0.1				
2746	TAWI,D/S TAWIBRIDGE , BELICHARANA	JAMMU & KASHMIR	16	24	7.8	8.1	8	8	255	256	2	6.8	0	0.2				
2742	U/S TAWI BRIDGE SHEETLI LIFTING, POINT, , NAGROTA	JAMMU & KASHMIR	16	24	6.5	8.6	7.3	7.8	130	254	1.2	1.2	0	0.1				
2758	UJH AT DAM SITE	JAMMU & KASHMIR	12	28	7.8	9.1	7.1	8.1	226	260	0	0	0	0.6				

TABLE - 5.1: WATER QUALITY OF RIVER GANGA - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1491	BHAGIRATHI AT GANGOTRI	UTTARAKHAND	5	5	9.2	9.2	7.6	7.6					0	0				
1484	ALKANANDA B/C MANDAKINI AT RUDRA PRAYAG	UTTARAKHAND	15	19	8.4	9.4	7.5	7.9			1	1	0	0				
1485	MANDAKINI B/C ALKALNADA AT RUDRAPRAYAG	UTTARAKHAND	16	18	8.6	9.6	7.4	7.9			1	1	0	0				
1486	ALKANANDA A/C MANDAKINI AT RUDRAPRAYAG	UTTARAKHAND	16	19	8.2	9	7.5	8.1			1	1	0	0				
1487	ALKANANDA B/C TO BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	17	19	8.6	9.2	7.5	7.8			1	1	0	0				
1488	BHAGIRATHI B/C WITH ALAKNANDA AT DEVPRAYAG	UTTARAKHAND	17	19	9	9.6	7.6	7.9			1	1	0	0	1			
1489	ALKANANDA A/C WITH BHAGIRATHI AT DEVPRAYAG	UTTARAKHAND	17	18	8.8	9.6	7.5	7.7			1	1	0	0				
1060	GANGA AT RISHIKESH U/S	UTTARAKHAND	16	20	9.2	10.6	7.2	7.8			1	1	0	0			12	40
2725	GANGA A/C OFSONG NEAR SATYANARAYAN TEMPLE D/S RAIWALA	UTTARAKHAND	15	21	7.6	9.6	7.4	7.7			1	1.4	0	0			80	500
2727	UPPER GANGA D/S ROORKEE	UTTARAKHAND	15	20	8.6	10.6	7.5	7.8			1	1.2	0	0			80	220
1061	GANGA D/S HARIDWAR	UTTARAKHAND	15	25	4	10.6	6.3	7.8			1	6.4	0	0			90	1600
1062	GANGA AT GARHMUKTESHWAR	UTTAR PRADESH	16	26	7.1	9.65	7	7.6	129	246	1.6	3.5	0.2	0.5	370	710	900	1200
2488	GANGA U/S ANOOPSHAHAR	UTTAR PRADESH	18	21	7.0	9.4	7.1	7.5	138	254	1.8	3.1	0	0.5	210	450	550	700
2489	GANGA D/S ANOOPSHAHAR	UTTAR PRADESH	18	23	7	9.4	7.3	7.6	115	252	1.4	3.2	0	0.5	140	430	410	650
1145	GANGA AT NARORA (BULANDSAHAR)	UTTAR PRADESH	19	22	6.2	9	7	7.8	115	254	2.1	3.8	0	0.6	200	610	550	9000
2490	GANGA AT KACHHLA GHAT, ALIGARH	UTTAR PRADESH	20	21	6.4	7.9	7	7.5	114	255	2	3.4	0	0.6	150	410	450	700
1063	GANGA U/S KANNAUJ (RAJGHAT)	UTTAR PRADESH	17	33	7.4	9.7	6.9	8.4	201	397	2.4	4.1	0.2	0.4	1700	2700	2600	5400
1066	GANGA D/S KANNAUJ	UTTAR PRADESH	17	33	7.5	9.4	7	8.3	202	492	2.8	4.7	0.2	0.5	2000	3900	3500	33000
1146	GANGA AT BITHOOR (KANPUR)	UTTAR PRADESH	16	33	7	9.9	6.9	8.4	202	398	2.4	3.6	0.2	0.4	2000	2800	2700	5400
1067	GANGA U/S KANPUR (RANIGHAT)	UTTAR PRADESH	16	33	6.6	9.4	7	8.4	208	468	2.6	4.8	0.2	0.5	2200	3400	3200	6300
1068	GANGA D/S KANPUR (AJMAU PUMPING STATION)	UTTAR PRADESH	16	33	4.6	8.8	7.1	8.2	227	819	4.1	8.8	0.2	0.4	9100	58000	34000	120000
1147	GANGA AT DALMAU (RAI BAREILLY)	UTTAR PRADESH	13	28	6.1	8.5	7.8	8	181	244	3.9	4.9	0.8	0.9	4900	6100	7900	8700
2498	GANGA AT KALA KANKAR, RAEBARELI	UTTAR PRADESH	17	28	6.3	8.7	7.8	8	179	239	3.8	4.8	0.8	0.9	4700	5900	7700	8500
1046	GANGA AT ALLAHABAD (RASOOLABAD)	UTTAR PRADESH	20.3	27.6	6.8	8.6	7.9	8.4	328	385	3.6	4.5	1	1.4	21000	26000	32000	58000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2487	GANGA AT KADAGHAT, ALLAHABAD	UTTAR PRADESH	20.5	28	7	8.4	7.9	8.4	339	386	3.8	4.7	1.1	1.4	2700	27000	33000	54000
1049	GANGA AT ALLAHABAD D/S (SANGAM),	UTTAR PRADESH	21	28	7.2	8.4	7.7	8.4	403	488	3.6	4.8	1.1	1.4	21000	33000	34000	63000
2485	GANGA U/S, VINDHYACHAL, MIRZAPUR	UTTAR PRADESH	19	24	7.7	8.4	6.5	7.9	346	381	2.1	2.4	0	0.4	1000	1300	2100	3200
2486	GANGA D/S MIRZAPUR	UTTAR PRADESH	19	23	7.9	8.5	6.6	7.9	366	395	2.3	2.7	0	0.5	1100	1700	2400	3400
1070	GANGA U/S VARANASI (ASSIGHAT)	UTTAR PRADESH	21	31	7.4	9.8	7.4	8.5	320	496	2.8	3.5	0	0	1300	2300	2200	3600
1071	GANGA D/S VARANASI (MALVIYA BRIDGE)	UTTAR PRADESH	21	31	6.4	8.6	7.3	8.6	338	544	4.2	6.8	0	0	22000	33000	34000	63000
1073	GANGA AT TRIGHAT (GHAZIPUR)	UTTAR PRADESH	21	31	6.7	8.8	7.3	8.7	335	542	4.2	5.4	0	0	13000	31000	23000	46000
1074	GANGA AT BUXAR	BIHAR	22	33	6	9	7.5	8.2	320	750	2.4	2.9	0	0	900	2600	5000	5000
2551	GANGA AT BUXAR, RAMREKHAGHAT	BIHAR	22	32	5.5	8.8	7.4	8.3	288	756	2.4	2.8	0	0	1100	3000	3000	9000
1077	GANGA U/S KHURJI, PATNA	BIHAR	21	31	7.2	8.6	7.2	8.3	169	549	1.8	2.9	0	0	800	2600	2200	5000
2564	GANGA AT CONFLUENCE OF SONE DORIGANJ, CHAPRA	BIHAR	19	30	7	9.6	7.7	8.4	204	534	2	2.8	0	0	500	2100	1100	4800
2552	GANGA DARBHANGA GHAT AT PATNA	BIHAR	16	30	6.5	8.6	7.4	8.3	236	550	2.2	3	0	0	900	9000	3000	24000
1079	GANGA D/S PATNA (GANGA BRIDGE)	BIHAR	17	30	6.2	8.6	7.4	8.3	220	571	2.3	2.8	0	0	900	9000	2200	9000
2555	GANGA AT PUNPUN, PATNA	BIHAR	18	30	6.5	8.3	7.2	8.3	220	925	2.5	2.8	0	0	1100	2300	3000	5000
2553	GANGA AT FATUHA	BIHAR	18	32	6.8	8.4	7.2	8.2	221	574	2	2.8	0	0	900	2600	3000	5000
1817	GANGA U/S MOKAMA	BIHAR	17	29	7.6	9.8	7.8	8.6	227	473	2	2.8	0	0	800	2200	1700	5000
1815	GANGA D/S MOKAMA	BIHAR	17	29	7.5	9.6	7.7	8	234	469	2.1	2.7	0	0	800	2200	1700	5000
1818	GANGA AT MUNGER	BIHAR	16	29	6.9	9.7	7.6	7.9	254	519	2.2	2.8	0	0	900	3000	1700	8000
2554	GANGA AT SULTANGANJ, BHAGALPUR	BIHAR	14.5	26	7.1	9.6	7.8	8.1	209	455	2.2	2.8	0	0	900	3000	2200	9000
1819	GANGA AT BHAGALPUR	BIHAR	16	28	6.9	9.4	7.6	8.1	98	573	2.3	2.8	0	0	800	2600	2200	5000
1816	GANGA AT KAHALGAON	BIHAR	14	28	7.2	9.6	7.8	8.1	236	536	2.4	2.8	0	0	900	2600	3000	5000
3113	GANGA AT D/S BUXAR NEAR GANGA BRIDGE	BIHAR	22	32	5.2	8.8	7.5	8.1	323	771	2.4	2.9	0	0	400	2600	900	5000
3114	GANGA NEAR DANAPUR (NEAR PIPA PUL)	BIHAR	21	35	7.5	8.8	7.1	8.3	191	581	2	2.9	0	0	700	2200	1700	8000
3115	GANGA AT BARH	BIHAR	18	28	7.6	9.8	7.8	8.1	225	521	2	2.9	0	0	800	2700	1300	5000
3116	GANGA AT U/S MUNGER (NEAR INTAKE WELL ON GANGA)	BIHAR	16	30	7.1	9.8	7.8	8.1	228	544	2	2.8	0	0	300	2100	1300	5000
3117	GANGA AT U/S SULATANGANJ	BIHAR	14	29	7.1	9.6	7.7	8.1	229	525	2.3	2.9	0	0	500	3000	1100	9000
3118	GANGA AT U/S BHAGALPUR	BIHAR	14.5	26	7.1	9.6	7.8	8.1	209	455	2.2	2.8	0	0	800	2200	1700	5000
3122	GANGA AT MALSALAMI, PATNA	BIHAR	19	34	6.5	8.6	7.4	8.3	285	630	2.2	2.8	0	0	1100	2600	3000	5000
3123	GANGA AT BARAHIA	BIHAR	14	30	7.6	9.7	7.8	8.1	225	516	2	2.9	0	0	700	2200	1700	5000
1059	GANGA AT RAJMAHAL	JHARKHAND	25	25	9	9	7.1	7.1	340	340	2.9	2.9	0	0				
1080	GANGA AT BAHARAMPORE	WEST BENGAL	19	31	5	9.1	7.6	8.3	204	376	1	5.3	0.1	1.8	70000	220000	90000	280000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2511	NABADIP ON GANGA,GHOSHPARA NEAR MONIPURGHAT	WEST BENGAL	18.5	34	4.7	9.4	7.3	8.5	172	378	1	3.8	0.2	0.8	70000	130000	90000	170000
2506	TRIBENI ON GANGA, NEAR BURNING GHAT	WEST BENGAL	20	35	5.1	9.6	7.3	8.5	197	402	1.1	4.9	0.3	1	70000	170000	90000	220000
1054	GANGA AT PALTA	WEST BENGAL	22	33	4.7	9.4	7.1	8.3	201	388	1.5	5.5	0.3	0.7	90000	220000	110000	280000
1472	GANGA AT SERAMPORE	WEST BENGAL	19	34	4.6	8.9	7.1	8.3	208	406	2.3	6.3	0.3	1.7	70000	220000	110000	280000
1053	GANGA AT DAKSHINESHWAR	WEST BENGAL	22	35	3.8	8.2	7.6	8.2	125	392	2.3	6.1	0.2	0.6	23000	240000	50000	500000
1471	GANGA AT HOWRAH-SHIVPUR	WEST BENGAL	21	34	3.7	8.5	7.6	8.2	208	391	1.7	9	0.2	0.5	13000	80000	22000	240000
1470	GANGA AT GARDEN REACH	WEST BENGAL	22	36	3.1	8.6	7.6	8.3	198	411	1.5	9.7	0.2	0.5	17000	300000	26000	500000
1052	GANGA AT ULUBERIA	WEST BENGAL	20	32	2.5	7.1	7.3	8.2	217	783.1	1	6.5	0.2	0.5	4000	110000	11000	220000
1469	GANGA AT DIAMOND HARBOUR	WEST BENGAL	22	33	4.4	7.4	7.8	8.4	211	13370	1.5	12	0.3	0.6	4000	30000	8000	50000

TABLE - 5.2: WATER QUALITY OF RIVER YAMUNA - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1492	YAMUNA AT YAMUNOTRI	UTTARAKHAND	6	6	8.8	8.8	7.5	7.5			0	0	0	0			0	0
1493	YAMUNA AT HANUMANCHATTI	UTTARAKHAND	8	8	8.6	8.6	7.6	7.6			0	0	0	0			0	0
1494	YAMUNA U/S OF LAKHWAR DAM	UTTARAKHAND	19	19	8.6	8.6	8.2	8.2					0	0			0	0
1490	YAMUNA AT U/S DAK PATTHAR	UTTARAKHAND	17	20	8	8.8	7.6	7.9			1	1	0	0			30	60
1553	YAMUNA U/S PAONTA SAHIB	HIMACHAL PRADESH	13	29	6.2	8.2	7.6	8.6	258	768	0	1	0.1	0.6	6	11	15	26
1554	YAMUNA D/S PAONTA SAHIB	HIMACHAL PRADESH	14	29	6.2	8.2	7.6	8.6	334	550	0	2	0.1	0.6	9	14	21	31
1117	YAMUNA AT HATHNIKUND	HARYANA	22	22	8.2	10.7	7.3	7.8	179	336	1	2	0	0	45	13000	330	24000
1496	YAMUNA AT KALANAUR, YAMUNA NAGAR	HARYANA	23	23	7.6	8.2	7.3	7.8	195	380	1	2	0	0	110	17000	170	54000
1119	YAMUNA AT SONEPAT	HARYANA	26	26	6.4	12.5	7.3	7.9	220	1310	1	12	0	0.4	110	24000	140	35000
1120	YAMUNA AT WAZIRABAD	DELHI	16.7	32.8	5.1	13.5	7.2	8	214	3860	1	9	0	0	200	24000	490	54000
1121	YAMUNA AT NIZAMUDDIN	DELHI	17.1	30.9	0.4	2.6	7.1	7.9	243	2050	4	45	0	0	26000	5400000	240000	9200000
	OKHLA BRIDGE (INLET OF AGRA CANAL)	DELHI	17.3	30.4	0.4	1.8	7.1	7.8	282	1754	3.0	49.0			41000	5400000	240000	9200000
1812	YAMUNA AT OKHLA A/M OF SHAHDARA DRAIN	DELHI	19.4	31.8	0.1	1.6	7.0	7.9	285	1899	4.0	67	0	0	40000	92000000	230000	160000000
1497	YAMUNA AT MAZAWALI	UTTAR PRADESH			0	6.8	7.4	8.2	1009	1992	10	27	0	0.2	4900	1600000	4900	35000000
2495	YAMUNA AT KESIGHAT, VRINDAVAN	UTTAR PRADESH	20	34	3.4	9.6	6.8	7.8	997	1850	7	10	0	0	33000	58000	64000	90000
1123	YAMUNA U/S MATHURA	UTTAR PRADESH	24	24	0.9	5.5	7.5	7.9	640	1750	8	27	0	1.6	680	540000	4900	920000
2494	YAMUNA AT VISHRAMGHAT, MATHURA	UTTAR PRADESH	20	32	2.8	5.2	6.7	7.9	981	1870	2	10	0	0	41000	160000	70000	140000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1124	YAMUNA D/S MATHURA	UTTAR PRADESH	22	22	2.8	6.5	7.6	8	650	1978	7	18	0	0.9	680	350000	1400	920000
1125	YAMUNA U/S AGRA	UTTAR PRADESH			4.1	18	7.1	8.2	815	1870	5	27	0	1.8	78	110000	220	350000
1126	YAMUNA D/S AGRA	UTTAR PRADESH	22	33	2.8	16.3	7.1	8.1	825	2040	11	26	0	1.6	40	28000	460	160000
2493	YAMUNA AT SHAHPUR	UTTAR PRADESH	18	34	4.8	7.6	7.5	8.2	1090	1720	6	8	0	0	28000	38000	46000	62000
1498	YAMUNA AT BATESWAR	UTTAR PRADESH	23	32	6.2	9.2	7.3	7.9	698	1720	5	24	0	1.4	20	16000	68	43000
1127	YAMUNA AT ETAWAH	UTTAR PRADESH	22	31	6.4	9.6	7.4	7.9	690	1720	3	18	0	2.3	200	79000	490	79000
1499	YAMUNA AT JUHIKA B/C WITH CHANBAL, ETAWAH	UTTAR PRADESH	21	29	5.4	10.8	7.2	7.8	350	4060	3	11	0	0.8	230	24000	940	24000
1069	YAMUNA AT ALLAHABAD D/S (BALUA GHAT)	UTTAR PRADESH	21	28.5	7.4	8.8	7.9	8.3	472	578	2.2	2.8	0.8	1.2	1700	7800	6300	14000

TABLE - 5.3: WATER QUALITY OF RIVER SUSWA, GOLA, RAMGANGA, KALINADI (EAST), VARUNA, SAI, GOMTI, RAPTI, SARYU, GHAGHARA, RIHAND, SONE, GANDAK, SIKRANA, BURHI, HARBORA, KAMALA, MANUSMAR, KOSHI, DAHA, DHOUS, FARMAR, RAMREKHA AND SIRSA – 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2724	SUSWA AT MOTHRAWALA, DEHRADUN	UTTARAKHAND	16	21	1.4	3.6	7.7	8			28	36	0	0			1600	1600
2728	GOLA AT HALDWANI	UTTARAKHAND	11	20	7	7.8	7.2	7.9	210	240	1	1.6	0	0				
1064	RAMGANGA B/C AT KANNAUJ	UTTAR PRADESH	17	33	6.1	8.9	6.9	8.5	302	614	3.5	6.6	0.2	0.5	2100	4100	3400	8400
2497	KALI EAST AT KHARKHODA- PARIKSHIT GARH ROAD, VILL. KOL, MEERUT	UTTAR PRADESH	17	23			7.4	7.8	780	1950	52	72	2	5.2	110000	170000	170000	280000
1065	KALINAD B/CI AT KANNAUJ	UTTAR PRADESH	17	33	5.9	9.4	7	8.2	203	993	3.1	7	0.2	0.5	2100	4700	3800	9200
2482	VARUNA AT RAMESHWAR, VARANASI	UTTAR PRADESH	22	34	5.9	9	7.2	8.2	294	574	2.7	4.5	0	0	1700	17000	2700	31000
2483	VARUNA B/C WITH GANGA AT VARANASI	UTTAR PRADESH	22	34	1.5	6.4	7.4	8.6	354	709	15	45	0	0	70000	170000	140000	240000
1361	SAI AT UNNAO AFTER DRAIN OUTFALL	UTTAR PRADESH	18	29	6.7	8.1	7.1	7.4	385	632	2.9	4	0.1	0.1	1500	2500	3100	4900
2484	SAI AT JALALPUR, JAUNPUR	UTTAR PRADESH	22	32	6.8	8.6	7.2	8.4	312	582	3.2	4.3	0	0	5000	13000	8000	17000
1350	GOMTI AT SITAPUR U/S AT WATER INTAKE	UTTAR PRADESH	17	36	7.8	11.9	7.5	8.7	180	532	2.3	2.8	1	1.7	68	460	200	1700
1351	GOMTI AT LUCKNOW U/S AT WATER INTAKE POINT	UTTAR PRADESH	18	36	5.4	10.6	7.6	8.5	16	598.3	3.1	3.7	1.3	5.9	780	4000	1700	5400
1352	GOMTI D/S LUCKNOW	UTTAR PRADESH	18	35	0.3	4.1	7.4	7.9	572	1085	10	13	1.6	6.8	79000	140000	130000	210000
1353	GOMTI D/S JAUNPUR	UTTAR PRADESH	22	33	7.1	8.8	8	8.6	340	588	4	5	0	0	14000	23000	22000	34000
1072	GOMTI AT VARANASI	UTTAR PRADESH	21	31	7.4	9.2	7.2	8.4	290	572	3	4.5	0	0	5000	13000	11000	17000
2491	RAPTI AT RAJGHAT, GORAKHPUR	UTTAR PRADESH	13	31	7.2	7.5	7.8	8.2	412	580	3	5.9	0.5	0.7	1700	5400	3500	9200

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1363	RAPTI A/C OF HONIN NR. DOMINGARH RLY BRIDGE, GORAKHPUR	UTTAR PRADESH	15	32	7.4	8	8	8.2	336	416	2.2	2.6	0.2	0.3	170	500	340	800
1354	SARYU AT AYODHYA AT MAIN BATHING GHAT	UTTAR PRADESH	18	25	7.4	9.9	7.8	7.9	171	219	2.9	4.1	0.7	0.8	3900	5100	7000	8000
1355	GHAGHARA D/S DEORIA	UTTAR PRADESH	15	31	7.5	8	8	8.2	384	454	2.4	2.9	0.2	0.3	200	800	450	1700
2492	GHAGHRA AT BARHALGANJ, GORAKHPUR	UTTAR PRADESH	14	33	7.1	7.9	7.8	8.3	406	588	2.9	4.5	0.3	0.7	1300	4500	2200	7000
1076	GHAGHARA NEAR CHAPRA	BIHAR	17	30	6.8	9.8	7.1	8.5	216	424	2	2.9	0	0	700	1700	1400	5000
1359	RIHAND U/S RENUKUT	UTTAR PRADESH	21	26	7.1	7.9	7.2	8.2	282	382	1.4	1.8	0.2	0.3	780	1400	2100	2800
1360	RIHAND D/S RENUKUT	UTTAR PRADESH	21	26	7.5	8.2	7.3	8.3	298	398	1.3	2	0.2	0.3	1000	1700	2300	3200
1075	SONE AT KOELWAR	BIHAR	22	31	5	8.8	7.1	8.3	180	460	2	2.9	0	0	700	2300	140	5000
1078	GANDAK B/C AT SONEPUR, PATNA	BIHAR	17	30	7.2	9.8	7	8.6	214	348	1.8	2.9	0	0	500	1700	1100	5000
2568	GANDAK AT REWAGHAT, MUJAFFARPUR	BIHAR	16	30	7	9.5	7	8.2	210	326	1.8	2.8	0	0	500	1700	1100	5000
2570	GANDAK AT SAMASTIPUR ROAD BRIDGE	BIHAR	20	34	7.6	9.4	7.3	8.9	218	521	2	2.9	0	0	700	2200	2000	5000
2575	SIKRAHNA AT LAL PARSE, BITTIAH	BIHAR	17	36	6.2	8.6	7.2	8.5	226	967	2.2	2.8	0	0	900	3000	2200	8000
1820	SIKRANA AT CHANPATIYA	BIHAR	16	30	6	8.6	7.4	8.2	221	623	2.4	2.8	0	0	800	2600	3000	5000
2562	BURHI GANDAK AT AKHARAGHAT, MUZAFFARPUR	BIHAR	17	33	6.6	9	7.3	8.8	253	518	1.8	2.9	0	0	1100	3000	3000	5000
2558	HARBORA AT NARKATIAGANJ	BIHAR	17	30	6.5	8.2	6.5	7.9	222	585	2.6	3	0	0	700	3000	2400	5000
2567	KAMALA AT BENIPATTI (MADHUBANI)	BIHAR	15	30	7.4	10	7.6	8.9	216	484	1.8	2.9	0	0	800	3000	3000	9000
2569	KAMALA AT DARBHANGA	BIHAR	17	30	7	8.6	7.3	8.2	233	1150	1.8	2.9	0	0	1100	2600	3000	5000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2563	MANUSMARAT RIGA, SITAMARHI	BIHAR	18	32	6.7	8	6.8	8.2	245	754	1.8	2.9	0	0	1300	5000	3800	9000
2565	KOSHI AT KURSHELA AT KATIHAR	BIHAR	14	31	6.3	9.1	6.6	7.6	157	392	2	2.9	0	0	1100	2600	2800	5000
2566	KOSHI AT MADHEPURA	BIHAR	14	35	6.2	9	7.2	7.6	116	431	2	2.8	0	0	800	2600	2400	4900
1821	DAHA AT SIWAN	BIHAR	15	30	5	9.8	7.1	8.4	275	771	2.4	2.9	0	0	1100	3100	2800	8400
2560	DAHA D/S SASAMUSA	BIHAR	16	30	6	9.5	7	7.8	286	614	2.2	2.8	0	0	1100	3000	2800	5000
2561	DAHA AT ITWA BRIDGE, SIWAN	BIHAR	15	29	6.9	9.2	7.2	8.4	260	478	1.9	2.9	0	0	400	2300	2400	4800
1823	DHOUS AT MADHUBANI	BIHAR	18	30	6	9.4	7.3	8.9	216	480	2	2.8	0	0	1100	3000	2800	5000
1824	FARMAR AT JOGBANI	BIHAR	14	29	5.6	8.6	6.6	7.6	99.5	480	1.8	3	0	0	700	2200	2800	7000
2559	RAM REKHAAT HARINAGAR	BIHAR	16	32	6.4	7.6	6.9	7.9	246	538	2.5	2.8	0	0	900	3000	3000	9000
1822	SIRSA AT RUXOL	BIHAR	16	33	6.4	6.4	7	7.7	251	845	2.5	18	0	0	2100	5000	4100	16000

TABLE - 5.4: WATER QUALITY OF RIVER TONS, ASHWANI, BATT, GIRI, PABBAR, HINDON, BETWA, KALIASOT, SONE, CHAMBAL, PARVATI, KHAN, KSHIPRA, KALISINDH, BICHHIA AND SANKH - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1510	TONS RIVER	HIMACHAL PRADESH	7	20	8.7	9.4	6.3	8.2	49.1	130.3	0.1	1.2	0	0.5	2.0	3.7	3.7	26
2620	ASHWANI U/S YASHWANT NAGAR	HIMACHAL PRADESH			7.4	8.7	7.3	8.9	231	635	0.1	2	0	4.5	2.0	12	6.1	38
2626	BATTA U/S PAONTA	HIMACHAL PRADESH	13	29	6.6	9	7.5	8.6	248	583	0.1	1.2	0	0.7	6	13	14	24
2627	BATTA B/C TO YAMUNA	HIMACHAL PRADESH	15	27	6.2	8.9	7.5	8.5	401	577	0.2	1.4	0	0.7	6.8	13	15	27
2621	GIRI D/S YASHWANT NAGAR	HIMACHAL PRADESH			7.8	9.2	7.6	8.7	154	630	0.1	3	0	5.1	2.0	8.3	5.5	40
2622	GIRI U/S CCI MINES	HIMACHAL PRADESH	13	27	6.8	9.2	7.6	8.4	253	1030	0.1	1.2	0.1	0.7	4	13	10	31
2623	GIRI D/S SATAUN	HIMACHAL PRADESH	14	28	6.5	8.8	7.6	8.4	252	1080	0.1	1.6	0.2	0.7	4	17	12	32
2617	PABBAR U/S DHAMBARI	HIMACHAL PRADESH	8.5	20	8.4	9.5	6.8	8.7	48.7	130	0.1	1.4	0	0.7	2.0	6.8	2	39
2618	PABBAR U/S ROHRU	HIMACHAL PRADESH	8	21	8	9.2	6.5	8.5	55.1	159	0.1	1.2	0	0.7	2.0	3.6	6	26
2619	PABBAR D/S SWARAKUDDU	HIMACHAL PRADESH	6	20	8.6	9.5	6.9	8.4	65	136	0.1	1.8	0	0.6	2.0	6.8	3.7	32
1357	HINDON AT SAHARANPUR D/S	UTTAR PRADESH	21	29			7.3	7.5	635	745	36	48	0	0	15000	15000	21000	21000
2496	HINDON AT SARDHANA BUDHANA ROAD, VILLAGE BAPARSI, MEERUT	UTTAR PRADESH	18	23			7.2	7.7	730	970	44	65	3.2	6.5	79000	130000	110000	170000
1358	HINDON D/S GHAZIABAD	UTTAR PRADESH	16	26	0	0	6.7	7.5	792	1619	32	78	0.5	162	130000	220000	240000	320000
1356	BETWA B/C YAMUNA AT HAMIRPUR	UTTAR PRADESH	18	34	4.8	7.4	7.8	8.4	211	482	3.1	3.8	0	0	2100	2500	4000	7400
2107	BETWA U/S BEENA	MADHYA PRADESH	21	34	6.4	81	7.6	8.8	196	444	0.5	2.8	0	5.9			0	14
2108	BETWA D/S BEENA	MADHYA PRADESH	18	35	6.4	8.4	7.6	8.8	184	400	0.6	2.8	0	4.4			0	17

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2119	BETWA AT NAYAPUR D/S MANDIDEEP INDL. AREA NO.1, DISTRICT RAISEN	MADHYA PRADESH			5.9	7.4	6.8	7.8	264	6516	2.2	20	0	0.1	110	240	210	1600
2121	BETWA NEAR ROAD BRIDGE, BHOJPUR	MADHYA PRADESH			6.7	7.8	7.4	8.5	303	544	1.4	2.9	0	2.6			110	130
2122	BETWA NEAR W/S INTAKE WELL POINT RAISEN	MADHYA PRADESH			7.5	7.9	7.4	8.4	279	1402	0.9	2.3	0	0.2			70	120
1614	BETWA NEAR INTAKE POINT, VIDISHA	MADHYA PRADESH			7	7.9	7.3	8.7	338	512	1.4	2.4	0	2.1			2.0	150
2124	BETWA AT CHARANTIRGHAT, VIDISHA	MADHYA PRADESH			6.4	7.8	7.7	8.5	336	736	1.9	3.9	0	3.6			60	220
2125	BETWA D/S AFTER MIXING OF BAIS AT VIDISHA	MADHYA PRADESH			6.8	8.1	7.5	8.6	328	642	1.6	3.3	0	0.3			70	140
1735	GOVIND SAGAR	UTTAR PRADESH	19	34	5.9	7.2	7.7	8.9	170	804	3	3.3	0	0	1700	2100	4000	4900
2120	KALIASOT NEAR ROAD BRIDGE, MANDIDEEP	MADHYA PRADESH			5.9	8	6.8	8.5	317	937.5	0.4	4.1	0	4.3	12	12	110	220
1142	SONE AT CHACHAI	MADHYA PRADESH	18	30	6.7	8.2	7.4	8.1	215	537	0.9	2.2	0.2	1.4			27	70
1371	SONE AT AMLAI	MADHYA PRADESH	18	31	6.8	7.9	7.3	8.1	212	560	1	2.1	0.4	1.3			26	70
1610	SONE AT ORIGINE AMARKANTAK	MADHYA PRADESH	18	30	6	7.1	6.8	7.8	78	233	0.5	1.6	0	2			6	26
3327	SONE AT AMLAI, 100 METRE D/S AFTER MIXING OF ATPS	MADHYA PRADESH	18	31	3.2	3.8	6.6	8.2	426	1544	1.6	12	0.6	2.9	2	4	40	500
1612	SONE AT DEVLOAD OUT- LET OF BANSAGAR DAM	MADHYA PRADESH	18	31	6.8	8.9	7.5	8.1	182	511.3	0.7	1.9	0.2	0.9			22	90
3121	SONE NEAR BANZARI	BIHAR	16	34	7.2	9.2	7.2	8.6	171	1250	1.8	2.9	0	0	300	2200	1100	5000
3127	SONE RIVER AT BAHİYARA	BIHAR	22	30	5.2	9	7.5	8.2	161	459	1.8	2.9	0	0	300	3000	1100	5000
3128	SONE RIVER AT NASIRIGANJ DAM	BIHAR	18	33	7.1	9.6	7.4	8.5	158	1180	2	2.7	0	0	500	3000	1300	9000
3309	CHAMBAL AT TAL VILLAGE NEAR BRIDGE, UJJAIN	MADHYA PRADESH	26	27	6.9	7.8	7	8.9	550	1460	1.6	6	1	4	6	600	40	1600
3310	CHAMLA AT W/S INTAKE POINT BADNAGAR, UJJAIN	MADHYA PRADESH	19	31	6.5	7.6	7.7	8.4	309	1310	1.8	4	0.9	3	4	21	50	500

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1365	CHAMBAL AT NAGDA U/S (WATER INTAKE POINT)	MADHYA PRADESH	24	28	6.8	7.8	7.2	8.6	320	780	1	2.9	0.6	2.6	7	40	7	300
1366	CHAMBAL D/S NAGDA	MADHYA PRADESH	22	28	6.1	7.5	7.3	8.4	927	18620	2.9	56	0.7	7	70	1600	500	1600
2955	CHAMBAL ENTERING IN RAJASTHAN AT GANDHI SAGAR DAM, KOTA	RAJASTHAN	18	31	4.6	6.7	7.5	9.8	210	480	0.7	1.7	0.1	1.8	4	7	7	20
1418	CHAMBAL AT GANDHI SAGAR DAM, RAMPURA	MADHYA PRADESH	24	31	7.2	7.9	7.2	8.4	314	520	1.2	2.6	0.1	2	4	22	40	220
1288	CHAMBAL AT KOTA U/S (INTAKE PT. NEAR BARRAGE)	RAJASTHAN	19	30	5.5	7.1	7.7	8.8	240	330	0.7	1.1	0.1	1.6	4	4	7	20
1289	CHAMBAL AT KOTA D/S (2 KM. FROM CITY)	RAJASTHAN	19	31	4.5	6.8	7.9	9.1	270	820	0.9	3.1	0.5	1.7	7	28	93	1100
1413	CHAMBAL AT RAMESHWARGHAT NR. SAWAIMADHOPUR	RAJASTHAN	13	34	4.9	6.1	7.9	9	200	680	0.7	2.2	0.2	1.6	7	20	11	150
1609	CHAMBAL AT DHOLPUR	MADHYA PRADESH	22	28	7.2	9	7.2	8.5	325	970	1.3	2.3	0	2.8				
1615	PARVATI NEAR INTAKE POINT PILLUKHEDI DISTT. RAJGARH	MADHYA PRADESH	18	26	6.7	8.9	7.1	7.6	395	632	1.8	2.6	0	0				
2126	PARVATI A/C OF VINDHYACHAL NALLA, PILUKHEDI	MADHYA PRADESH	18	32	6.2	8.7	7.4	7.6	322	654	1.9	2.8	0	1.2	11	21	33	280
2954	PARVATI B/M CHAMBAL AT KHATOLI, KOTA	RAJASTHAN	17	31	5	7.4	8	9	180	720	0.8	1.9	0.4	1.7	4	14	7	150
1607	GOHAD DAM, GOHAD	MADHYA PRADESH	22	29	4.1	8.2	7.2	8.9	410	1148	0.8	6.3	0	2.8				
1367	KHAN AT KABIT KHEDI (NEAR INDORE)	MADHYA PRADESH	22	29	2.5	4.8	7.1	8.1	936	1580	8	50	1.1	24	27	920	900	1600

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1369	KSHIPRA AT RAMGHAT AT UJJAIN	MADHYA PRADESH	23	29	2.3	8	7	8.8	474	1700	2.6	16	1.2	5.7	280	800	1600	1600
1370	KSHIPRA AT TRIVENISANGAM (1 KM. D/S OF SANGAM)	MADHYA PRADESH	19	29	3.6	8.2	7.6	8.8	397	1484	1.7	14	0	5.4	3	900	350	1600
1468	KSHIPRA AT SIDDHAWAT (D/S) OF UJJAIN	MADHYA PRADESH	23	30	2.7	8.6	7.1	8.7	482	1610	6	38	1.8	5.4	350	900		
2953	KALI SINDH AT ANICUT OF M/S CFCL GADEPAN, KOTA	RAJASTHAN	16	30	4.7	6.3	8	8.8	170	670	0.7	1.8	0.5	1.6	4	7	7	75
2956	RIVER KALI SINDH AT BAROD ROAD BRIDGE, KOTA	RAJASTHAN	16	31	4.6	6.9	8.1	8.9	190	950	0.9	182	0.6	1.8	7	20	11	150
1608	SINDH AT DABRA	MADHYA PRADESH	22	30	8	10	7.3	8.7	299	920	1.1	1.8	0	2.8	11	11	1211	1211
2117	BICHIA, BRIDGE GOVINDGARH ROAD	MADHYA PRADESH	18	33	5.6	6.9	7.3	7.8	428	784	2.1	3.5	1	1.5	6	50	21	350
1433	SANKH AT TIGRA RESERVOIR	MADHYA PRADESH	20	32	7.5	8.5	7	8.1	460	1215	1.2	2.5	0	2.8	1100	1100		
2950	BANAS,DHANARI DAM, NEAR SWAROOPGANJ, SIROHI	RAJASTHAN	16	25	4.5	7.3	7.5	9	160	770	0.7	1.8	0.8	4.4	4	14	7	150
2952	BANAS,NEAR NEWTA DAM, JAIPUR	RAJASTHAN	17	30	1.9	4.2	8.1	9.4	220	2100	3.9	13	1.8	5.5	7	28	75	460
2951	BANAS,BISULPUR DAM, TONK	RAJASTHAN	20	34	3.6	6.1	7.8	9.4	210	480	0.7	1.7	0.3	1.7	4	7	4	75
2945	CHHAPI ,U/S OF CHHAPI DAM, JHALAWAR	RAJASTHAN	19	31	4.9	5.7	7.6	8.6	180	420	0.9	1.2	0.1	1.6	4	14	7	150
2946	UJAD,U/S OF BHIM SAGAR DAM, JHALAWAR	RAJASTHAN	18	31	5.1	6.3	7.6	8.7	190	580	0.9	1.7	0.1	1.7	4	7	7	75

TABLE 5.5(a) :- WATER QUALITY OF TRIBUTARY STREAMS DAMODAR, AJAY, BAGMATI, BHALLA, BIHAR, DAHA, DHELA, GUNDHAK, HARBORA, KALJANI, JOHILA, KAMLA, KHAN, KICHHA, KOLAR DAM, KONAR, KOSI, KOSHI, KSHIPRA, MANDAKINI, JAMUNI, SIMRAR, MANUSAMAR, NALKARI, NANDAUR, NEWAJ, PILKHAR, PUNPUN, RAMREKHA, SIKHRANA, SIRSA, TONS - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2401	AJAY AT MASANJORE DAM	JHARKHAND	27	27	8.5	8.5	6.5	6.5	340	340	2.9	2.9	0	0				
3132	BAGMATI AT MUZAFFARPUR-SITAMARHI ROAD BRIDGE	BIHAR	16	35	7.2	8.8	6.9	8.2	242	1030	2	2.9	0	0	500	2600	1400	5000
3135	BAGMATI AT DARBANGA, SAMASTIPUR ROAD BRIDGE	BIHAR	20	34	7.4	9.1	7.4	8.8	242	391	1.8	2.9	0	0	900	2600	3000	9000
3162	BAGMATI AT MUZAFFARPUR-SITAMARHI ROAD BRIDGE	BIHAR	24	35			7.2	7.6	927	1400			0	0	7	7	14	14
2734	BHALLA U/S KASHIPUR	UTTARAKHAND	18	32	5.2	8.2	7.1	7.6	230	374	3	4.6	0	0				
2735	BHALLA AT LOHIA BRIDGE D/S KASHIPUR	UTTARAKHAND	23	32	0	0.8	6.8	7.6	450	760	38	76	0	0				
2116	BIHAR D/S NEAR FOREST OFFICE	MADHYA PRADESH	18	33	6.2	7.6	7.4	7.6	322	789	1.5	2.2	0.7	1.9	6	33	33	280
3308	CHAMBAL AT JAWNPAWA, FROM ORIGIN POINT, INDORE	MADHYA PRADESH	22	29	6.5	7.2	7.7	8.5	300	622	1.2	2	0.5	1.7			30	220
	3129	DAHA AT MEERGANJ	BIHAR	15	30	6.5	9.6	7.5	8.2	278	503	2.4	2.8	0	0	800	3000	2200
2378	DAMODAR D/S BHAIRABI AT RAJRAPPA	JHARKHAND	22	34	7	8.6	7.4	7.5			1.3	3.9	0	0				
2380	DAMODAR AT RAMGARH ROAD BRIDGE	JHARKHAND	22	34	7.4	8	7.2	7.5			1.5	3.9	0	0				
2732	DHELA U/S AT KASHIPUR MORADABAD ROAD BRIDGE	UTTARAKHAND	20	32	3.2	8.8	7.3	7.6	248	520	3.2	8.4	0	0				
2733	DHELA D/S AT THAKURDWARA ALIGANJ ROAD	UTTARAKHAND	19	32	0	8.2	7.3	8.3	430	990	12	80	0	0				

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
3124	GANDAK U/S ROAD BRIDGE MUZAFFARPUR (NH)	BIHAR	17	33	7.5	8.8	7.2	8.4	251	670	1.7	2.9	0	0	200	2400	3000	9000
3125	GANDAK GOPALGANJ PIPRAKOTHI ROAD BRIDGE (DUMARIA GHAT)	BIHAR	17	30	7	9.8	7.3	8.6	233	326	1.8	2.9	0	0	50	2300	1100	4300
3126	U/S HARBORA BEFORE SUGAR MILL NEAR ROAD BRIDGE NARKATIGANJ	BIHAR	16	30	7.2	8.6	7.1	8.3	223	477	1.8	2.8	0	0	300	2300	800	5000
2524	KALJANI D/S OF ALIPURDWAR, MUNICIPALITY DISCHARGE POINT	WEST BENGAL	20	32	6	8.3	7.2	8.1	100	172	1.4	4.2	0.1	0.4	1400	22000	11000	90000
	JOHILA NEAR NAROJABAD NEAR UMARIA ROAD BRIDGE	MADHYA PRADESH	18	31	7.2	8.8	7.1	8.2	216	542	0.8	2.4	0.2	0.9			26	60
3133	KAMALA AT JAYNAGAR,	BIHAR	20	29	7.5	10	7.7	8.5	298	478	2	2.9	0	0	700	5000	3000	16000
2110	KHAN AT SAKKAR KHADI, INDORE	MADHYA PRADESH	22	29	3.4	5.4	7	8.2	904	1516	8	80	2.5	29	24	940	500	1600
2111	KHAN AT SANWER	MADHYA PRADESH	21	29	3.2	6.2	7.3	8.2	662	1240	4	26	4.9	11	3.5	130	300	1600
2729	KICHHA AT KICHHA U.S. NAGAR	UTTARAKHAND	20	32	3.2	5.2	7.3	7.8	510	786	12	28	0	0				
1613	KOLAR DAM WATER SUPPLY INTAKE WELL, DISTT. SEHORE,	MADHYA PRADESH			7.3	8.1	7.4	8.6	214	837	0.8	2.1	0	0.9			34	130
	KONAR AT TILAYA DAM	JHARKHAND	20	33	7	8.7	7.2	7.5			1.1	3.4	0	0				
2388	KONAR AT KONAR DAM	JHARKHAND	21	33	7	8.6	6.8	7.5			1.3	3.6	0	0				
3137	KOSHI AT BEERPUR	BIHAR	14	35	6.6	8.9	7.2	7.8	227	506	2.2	2.9	0	0	800	2600	2200	5000
2731	KOSI AT KASHIPUR BAJPUR ROAD BRIDGE	UTTARAKHAND	21	32	6.2	6.8	7.2	7.6	280	372	2.4	6.4	0	0				
3315	KSHIPRA AT GAUGHAT, UJJAIN	MADHYA PRADESH	22	31	6.5	8	7.4	8.4	493	1442	1.6	11	0.7	3.3	6	500	27	1600
3316	KSHIPRA AT U/S OF MAHIDPUR CITY, UJJAIN	MADHYA PRADESH	26	27	6.8	7.8	7	8.9	600	1336	2	8	0.5	3.7	14	600	40	1600
	KSHIPRA AT W/S INTAKE POINT OF DEWAS, UJJAIN	MADHYA PRADESH	21	28	5.9	7.8	7.4	8.7	330	982	1.5	4	0.2	2.7	3	30	110	280

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1372	MANDAKINI AT CHITRAKUT	MADHYA PRADESH	17	36	5.9	9.6	7.5	8.3	4	4	1.1	5.8	0	0			540	4000
3311	JAMUNI U/S BARIYAGHAT NEAR INTAKE POINT, TIKAMGARH	MADHYA PRADESH	21	34	6.9	8	7.8	8.4	129	492.6	0.6	1.6	0	0			0	29
3326	SIMRAR AT KATNI NEAR ACC W/S INTAKE POINT, JABLAPUR	MADHYA PRADESH	17	28	6	8	7.2	8.3	244	710	1	3.9	0	1.7	2.0	14	0	43
3131	U/S MANUSMAR RIVER AT BAKHARI RIGA	BIHAR	15	32	7	8.6	7	8.6	246	473	2	2.9	0	0	500	2300	1300	5000
2379	NALKARI TRIBUTARY AT PATRATU	JHARKHAND	22	34	3	4.2	6.5	7.8			2.2	3.8	0	0				
2736	NANDAU U/S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	26	32	3.4	7.8	7.1	7.5	190	380	2.2	4.8	0	0				
2737	NANDAU D/S SITARGANJ INDUSTRIAL AREA, US NAGAR	UTTARAKHAND	27	30	5.8	6.8	7.1	7.4	186	340	3	4	0	0				
3319	NEWAJ W/S INTAKE POINT, SHUJALPUR, UJJAIN	MADHYA PRADESH	21	28	6	7.4	7.4	8.8	248	930	2	4	0.8	2.8	2	30	60	300
2730	PILKHAR AFTER BILASPUR RAMPUR	UTTARAKHAND	26	32	4.8	5.8	7.2	8.5	370	780	4	7.2	0	0				
3119	POONPUN NEAR POONPUN RAIL BRIDGE	BIHAR	12	30	6.5	9.6	7	8.6	224	632	2.1	3.3	0	0	800	3000	2200	9000
3120	POONPUN NEAR KINZER ROAD BRIDGE	BIHAR	14	32	6.5	10	7.1	8.5	226	575	2	3	0	0	700	2200	1700	7000
3130	RAMREKHA U/S HARINAGAR	BIHAR	16	32	6.9	8	7.1	7.9	275	466	2	2.8	0	0	700	2600	1300	4700
3134	SIKRAHNA AT LAUREA, HARINAGAR ROAD BRIDGE	BIHAR	17	36	7	8.6	7.2	7.8	247	633	2	3	0	0	800	2700	2800	5000
3136	SIRSA D/S RAXAUL (KOERIA TOLA)	BIHAR	16	36	2.8	6.3	7.2	7.8	261	772	2.3	20	0	0	2100	9000	4700	24000
3328	TONS AT MADHAVGARH, NEAR PHED W/S INTAKE POINT, SATNA	MADHYA PRADESH	17	37	5.8	8.6	6.3	8.2	0.8	1.0	1.1	2.4	0	0			26	180

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
3329	TONS AT CHAKGHAT NEAR W/S PUMPING STATION, REWA	MADHYA PRADESH	20	30	6.7	7.8	7.2	7.7	343	769	1.5	1.9	0.1	1.5	6	14	21	90
1143	TONS AT CHAKGHAT	MADHYA PRADESH	19	31	6	7.8	7.5	7.8	61	1396	1.5	2.5	0.7	2.8	6	33	33	300
1144	TONS AT MADHAVGARH	MADHYA PRADESH	17	36	5.7	7.7	6.1	8.6	2	859	1	3.5	0	0			34	160

TABLE 5.5 (b):- WATER QUALITY OF TRIBUTARY STREAMS DAMODAR, HOOGHLI, BARAKAR, KONAR, RUPANARAYAN, DWARAKESHWAR, DWARKA, SILABATI, JALANGI, CHURNI, MATHA BHANGA, KANSI, MAYURKASHI, MAHANANDA, VINDHYADHARI, BOKARO - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2382	DAMODAR AT PHUSRO ROAD BRIDGE	JHARKHAND	26	26	7.2	7.2	7.3	7.3			2.8	2.8	0	0				
2383	DAMODAR U/S JAMADOVA	JHARKHAND	20	28	7.5	7.6	7.4	7.5			1.8	1.9	0	0				
2384	DAMODAR D/S SINDRI	JHARKHAND	20	29	7.3	7.6	7.5	7.5			2	2.1	0	0				
2391	DAMODAR AT PANCHET DAM	JHARKHAND	21	26	7.5	7.8	7.5	7.6			1.4	1.6	0	0				
1331	DAMODAR AT DISHERGARH VILL.(NR.BIHAR-WEST BENGAL BORDER)	WEST BENGAL	20	31	6.3	12	7.4	8.1	163	374	1.1	7.9	0.1	1.2	500	90000	700	160000
1332	DAMODAR AT D/S OF IISCO AFTER 3RD OUTFALL AT DHENNA VILLAGE	WEST BENGAL	21	32	6.6	12	7.1	8.3	179	367	1.1	4.3	0.2	0.7	200	35000	400	160000
1333	DAMODAR AT NARAINPUR A/C OF NUNIA NALLAH	WEST BENGAL	22	34	4.7	15	7.1	8.4	312	455	2	8.9	0.3	1	400	22000	2200	90000
1334	DAMODAR NEAR MUJHER MANA VILLAGE A/C OF TAMLA NALLAH	WEST BENGAL	21	34	4.9	8.7	7.1	8.4	198	914	1.1	4.7	0.1	1.4	800	24000	1300	90000
1335	HOOGHLY, DURGACHAK, NEAR PATHIKALI	WEST BENGAL	23	32	5.4	8.1	7.5	8.2	1397	22600	0.7	4	0.1	0.5	2700	28000	11000	160000
2527	DAMODAR, WATER INTAKE POINT FOR BURDWAN TOWN	WEST BENGAL	21	36	6.5	11.3	7.4	8.3	176	400	1.2	5.6	0.2	0.9	200	17000	400	160000
2392	BARAKAR AT MAITHAN DAM	JHARKHAND	23	28	7.4	7.7	7.5	7.6			1.2	1.4	0	0				
1336	BARAKAR AT ASANSOL (WATER INTAKE POINT)	WEST BENGAL	21	31	6	11.8	7.2	8.2	149	290	1	5.7	0.2	1.1	1200	30000	1700	50000
2390	KONAR AT TENUGHAT DAM	JHARKHAND	27	27	7.7	7.7	7.5	7.5			1.3	1.3	0	0				
2509	RUPNARAYAN , D/S AT KOLAGHAT, NEAR KOLAGHAT RAIL BRIDGE NO.3	WEST BENGAL	22	34	5.7	7.9	7.5	8.2	208	5590	0.3	2.2	0.2	0.6	2200	22000	3300	160000
1337	RUPNARAYAN B/C TO RIVER GANGA NEAR GEONKHALI	WEST BENGAL	21	32	4.8	8.5	7.8	8.5	372	12200	0.4	2.9	0.2	0.7	5000	30000	8000	160000
2541	DWARAKESHWAR WATER INTAKE POINT FOR BANKURA TOWN	WEST BENGAL	22	33	6	9.5	7.2	8.3	128	578	1	4.4	0.1	1.3	100	35000	400	160000
2531	DWARKA, U/S OF TARAPITH AT SADHAK BAMDEB GHAT	WEST BENGAL	19	36	3	12.4	6.8	8.7	110	1016	2.1	10	0	1.2	1100	35000	1700	160000
2532	DWARKA , D/S OF TARAPITH, AT SATIGHAT	WEST BENGAL	19	37	4.8	12.2	6.7	8.8	101	955	2.6	10	0	1.2	800	90000	1300	160000
2508	SILABATI, D/S AT GHATAL	WEST BENGAL	22	36	4.7	8.3	6.9	8.1	142	1677	0.6	3.8	0.1	0.6	5000	24000	11000	160000
2514	JALANGI, D/S OF KRISHNA NAGAR	WEST BENGAL	21	34	1.6	9.8	7.1	8.3	244	662	0.8	8.3	0.1	0.9	70000	170000	110000	280000
1764	CHURNI D/S OF SANTIPUR TOWN	WEST BENGAL	22	34	1.8	7.3	7.1	8.1	182	693	3.3	10	0.3	1.7	80000	500000	130000	1600000
2518	CHURNI, MAJHADIA	WEST BENGAL	22	32	0.2	6.8	7.2	8.3	226	691	2	8.3	0.3	1	11000	280000	21000	350000
2517	MATHA BHANGA, GOBINDAPUR	WEST BENGAL	22	32	0.4	6.3	7.3	8.1	238	685	2.6	7.9	0.1	0.7	22000	220000	33000	280000
2534	MAYURAKSHI, WATER INTAKE POINT FOR SURI TOWN	WEST BENGAL	20	33	5.1	10.2	6.9	8.2	119	193	1	4.5	0.1	0.9	200	13000	400	24000
2507	KANSI, D/S MIDNAPORE, NEAR NEW HANUMAN MANDIR, GANDHIGHAT	WEST BENGAL	24	36	5.6	11.2	6.8	9	128	355	1.6	7.9	0.1	0.5	1700	30000	2600	90000
1946	MAHANANDA AT SILIGURI	WEST BENGAL	14	30	3.3	8.7	6.5	7.9	99	202	1.3	6	0.2	0.6	1700	40000	3300	110000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2525	MAHANANDA D/S, RAMGHAT	WEST BENGAL	12	34	1.2	6.2	6.8	7.8	102	489	2.4	25	0.2	0.5	50000	1400000	110000	2800000
2572	MAHANANDA AT THAKURGANJ, KISHANGANJ ROAD BRIDGE	BIHAR	14	28	6.1	8.5	6.5	7.6	107	425	2	28	0	0	800	3000	2400	9000
2549	VINDYADHARI, U/S HAROA BRIDGE	WEST BENGAL	21	33	0.4	2.2	7.5	8	601	7917	5	45	0.5	1.2	22000	300000	50000	500000
2550	VINDYADHARI D/S MALANCHHA BURNING GHAT	WEST BENGAL	21	39	0.6	4.1	7.4	8	2416	25160	7	27	0.4	0.9	11000	80000	14000	130000
2381	BOKARO AT JARANDI	JHARKHAND	28	28	6.7	6.7	7.3	7.3			2.5	2.5	0	0				

TABLE - 6.1: WATER QUALITY OF RIVER BRAHMAPUTRA - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1260	BRAHAMPUTRA AT KHERGHAT (A/C WITH DIBANG & DIHANG)	ASSAM	19	28	5.8	9	6.8	8.2	76	271	0.5	2.5	0.1	2.1	2.0	1500	910	120000
1030	BRAHAMPUTRA AT DIBRUGARH	ASSAM	18	30	6.1	10.5	7.2	8.2	71	260	0.6	2.6	0.1	0.3	300	2000	360	7500
1262	BRAHAMPUTRA AT NIMATIGHAT	ASSAM	14	28	5.3	7.8	7.1	8	74	156	1	3.9	0.1	0.5	300	1500	910	24000
1526	BRAHMPUTRA AT DHENUKHAPA HAR	ASSAM	19	26	6.3	8.4	6.9	8	74	241	0.7	4.8	0.2	1.2	2.0	2000	730	29000
1031	BRAHAMPUTRA AT PANDU	ASSAM	20	32	6.4	7.6	7.1	8.1	66	152	0.8	2.7	0.1	1.5	360	2800	720	29000
2066	BRAHMAPUTRA AT DHUBRI	ASSAM	21	31	4.7	6.6	6.9	7.9	93	151	1	3	0.1	0.4	360	2100	1500	46000
1299	BRAHAMPUTRA AT JOGIJHOGA NEAR BRIDGE	ASSAM	21	32	5.2	6.3	7.2	8.3	104	183	0.9	2.5	0.1	0.3	300	1500	1400	21000
2069	BRAHMPUTRA NEAR WATER INTAKE POINT AT KACHARIGHAT, PANBAZAR, GUWAHATI	ASSAM	20	28	6.2	8.2	7.1	8.4	84	153	0.4	2.4	0.1	0.6	300	4300	1500	120000
2064	BRAHMAPUTRA RIVER AT CHANDRAPUR, GUWAHATI	ASSAM	21	29	5.9	8	6.5	8.1	54	104	0.7	4.7	0.1	2	300	2100	1500	110000
2067	BRAHMPUTRA RIVER AT SUALKUCHI, DIST. KAMRUP	ASSAM	21	34	4.9	8.1	7.2	8.4	88	216	0.6	4.5	0.1	0.6	300	1100	1400	110000
2068	KATHAKAL, U/S AT MATIJURI, DIST. HAILAKANDI	ASSAM	21	27	5.4	5.9	6.8	8.3	54	142	0.7	2.8	0.1	2.7	2.0	2100	730	9300

TABLE - 6.2: WATER QUALITY OF RIVER DHANSIRI, DZU AND CHATHE - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100 ml		<5000MPN/100ml	
1259	DHANSIRI AT GOLAGHAT	ASSAM	18	28	5.3	8.4	6.8	8.4	74	171	0.9	2.6	0.1	2.9	73	3400	910	21000
1796	DHANSIRI, FULL NAGARJAN	NAGALAND	17	32	0.7	6.8	7	8.4	72.5	634	1	8	0	1.2				
1797	DHANSIR,BRIDGE NEAR PURANA BAZAAR	NAGALAND	18	33	0.7	6.7	7	7.8	77.2	258	1	10	0	1.5				
1798	NEAR CHECK GATE (DIMAPUR KHUTKHUTI ROAD)	NAGALAND	18	34	0.8	7.5	7	7.7	6	257	0.7	9	0	1.3				
1799	DHANSIR, TOWN BOUNDARY BRIDGE (DIPHU ROAD)	NAGALAND	16	31	0.6	6.6	6.5	7.7	70.3	212	1	8	0	1.6				
1800	DHANSIR, NUTON BASTI	NAGALAND	16	32	0.2	4.5	6.5	7.7	91.9	442	3	50	0	12				
1928	DHANSIRI AT NAGALAND-ASSAM BORDER, DIMAPUR	NAGALAND	18	33	0.2	5.3	7	8.1	85	436	2	25	0	2.1				
1929	CHATHE AT MEDZIPHEMA, DIMAPUR	NAGALAND	20	32	0.8	7.1	7.4	9	63.4	149.4	2	7	0	21				
1930	DZU D/S KOHIMA TOWN	NAGALAND	14	27	1.1	7.2	7.5	9.2	192	624	2	7	0	53				

TABLE 6.3:- WATER QUALITY OF TRIBUTARY STREAMS BARAK, BEKI, SUBANSIRI, KHARSANG, BURHIDIHING, BOJINADI, DIKHOW, KALIPI, KAROLA, TEESTA, PAGLDIA, DIGBOI, JAI BHARALI, KOLONG, MANU, KALONG, MANAS, DISANG, JHANJI, BHOGDOI, MORA BHARALI, BORAK, BHARALU, KOHORA, KUNDLI, KUSHIARA, PANCHNAI, RANJANADI, SANKHOSH, SONAI, & DEEPAR BEEL - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2240	BARAK D/S OF SILCHAR	ASSAM	24	29	5.5	5.9	6.8	7.8	41	170	1.1	4.2	0.1	1.2	300	1100	910	110000
2238	BEKI AT NH-37 CROSSING AT BARPETA ROAD	ASSAM	20	30	5	6	7.3	8.3	71	315	0.9	3.5	0.1	1.2	2.0	16000	2.0	7500
1528	BHARALU AT GUWAHATI	ASSAM	20	32	0	0.3	6.9	7.6	238	794	8.2	52	0.8	8.9	720	240000	3500	240000
1527	BHOGDOI AT JORHAT	ASSAM	17	31	4.5	6.2	6.7	8	59	134	1	4.5	0.1	1.1	720	3900	3500	110000
2233	BOGINADI NEAR BRIDGE NH-52, LAKHIMPUR	ASSAM	12	32	6.8	8.6	7	8.2	46	109	0.5	2.8	0.1	0.2	2.0	910	700	240000
1423	BORAK AT PANCHAGRAM	ASSAM	20	27	5.5	5.9	6.8	8	46	122	0.7	3.5	0.1	2.5	300	2900	910	120000
1422	BURHIDIHING AT MARGHERITA	ASSAM	19	31	4.2	9.5	6.8	7.9	52	219	0.6	4	0.1	1.1	2.0	1000	360	21000
2230	BURHIDIHING AT DULIAJAN (INTAKE POINT OF OIL INDIA LTD.)	ASSAM	18	29	4.5	8.4	6.8	8.1	56	186	0.6	2.6	0.1	0.8	2.0	910	1000	21000
2062	BURIDIHING D/S NEAR DULIAJAN TINSUKIA	ASSAM	18	31	6.1	9.2	7.1	8.1	56	186	0.6	3.8	0.1	0.6	300	2000	1400	21000
1529	DEEPAR BEEL	ASSAM	22	33	3.1	12.2	6.8	8.2	121	294	0.8	11	0.5	1.4	300	2100	730	21000
1530	DIGBOI AT LAKHIPATHE, RESERVE FOREST, DIGBOI	ASSAM	18	30	3	7.6	6.4	10	43	835	1.2	14	0.1	8	2.0	1400	1500	29000
2231	DIKHOW AT DIKHOW BRIDGE SIVASAGAR	ASSAM	18	30	4.9	7.9	6.6	7.8	67	208	0.6	3	0.1	0.7	300	7500	1500	110000
1298	DISANG AT GUNDAMGHAT	ASSAM	17	30	4.8	6.7	6.2	7.9	52	218	0.6	4.2	0.2	4.3	2.0	2800	360	110000
2058	DISANG AT DILLIGHAT, DIBRUGARH DIST	ASSAM	19	28	3.4	8	6.8	8.3	56	171	0.8	2.8	0.1	0.7	2.0	730	1400	21000
2063	JAI BHARALI NEAR BISWANATH CHARALI, SONITPUR	ASSAM	15	30	6.5	8.8	7	8.2	44	72	0.4	2.1	0.1	1.1	2.0	720	300	29000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1258	JHANJI AT N.H. CROSSING JORHAT	ASSAM	17	30	4.8	7.5	6.4	8.1	36	124	1.1	3.8	0.1	2.1	300	1400	930	110000
2237	KALONG AT U/S OF ANANDARAM DEKIAL PHUKAN BRIDGE, NAGAON	ASSAM	21	32	3.6	6.7	6.4	7.7	38	188	0.8	3.7	0.1	4.6	300	24000	2800	240000
2236	KAPILI AT DHARMTUL BRIDGE, NH-31, NAGAON	ASSAM	20	33	5	8.3	6.3	7.9	54	96	0.8	3.3	0.1	1.1	360	12000	1500	29000
2523	KAROLA, D/S OF JALPAIGURI, NEAR MIN BHAWAN	WEST BENGAL	20	34	4.1	8.4	6.7	7.8	52.6	138.5	1	3.3	0	0.5	2100	30000	7000	90000
2061	KHARSANG B/C WITH BURIDIHING NEAR KHARSANG (ASSAM-ARUNANCHAL BORDER)	ASSAM	19	30	5.5	7.9	6.6	8.3	56	156	1	7.2	0.1	3.9	2.0	910	730	3600
2232	KOHORA AT N.H. CROSSING, KOHORA	ASSAM	19	29	3.9	9.1	6.3	8.2	22	76	0.9	4.4	0.1	2.1	91	2700	2100	21000
2059	KOLONG AT MARIGAON	ASSAM	20	37	4.6	7.7	6.6	8.4	49	103	0.6	4.3	0.2	3.1	2.0	2800	1500	240000
2229	KUNDLI AT KUNDLI/ SAPAKHOWA, SADIA	ASSAM	18	28	6.1	8.5	7.1	8.4	74	273	0.6	2.6	0.1	0.8	2.0	910	360	9300
2242	KUSHIARA AT KARIMGANJ	ASSAM	21	27	5.5	6	6.6	7.9	44	147	0.8	2.7	0.1	3.3	2.0	1400	730	110000
3417	MANU AT MANUGHAT, CONFL POINT OF CHAWMANU CHARRA & MANU RIVER, DHALAI	TRIPURA	26	27	5.2	6.2	6.1	7	81.5	127	1.1	2.3	0.2	0.5	200	240	350	350
3418	MANU D/SAT KAILASHAHAR	TRIPURA	26	28	5.5	7	7.2	8.2	91.5	127	1.9	3.5	0.2	0.6	170	280	280	430
3419	MANU AT KUMARGHAT	TRIPURA	26	28	6.9	8.5	7.2	7.6	91.5	131	1.9	3.6	0.3	0.7	170	350	280	430
2060	MANAS AT NH-31 CROSSING, BARPETA, DISTRICT	ASSAM	22	31	5.6	6.1	7.5	8.5	106	335	0.6	2.5	0.1	1.1	2.0	2000	2.0	3600
1531	MORA BHARALI AT TEZPUR	ASSAM	19	30	6.5	9	6.5	8.2	81	457	1.1	4.3	0.2	1.2	2.0	3500	360	46000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2065	PAGLDIA NEAR NALBARI TOWN, DIST. NALBARI	ASSAM	21	35	5.6	8.1	7.5	8.8	117	250	0.7	8.2	0.1	1.3	2.0	2300	1400	21000
2235	PANCHNAI AT NH-52 CROSSING, ORANG	ASSAM	16	27	6.5	8.7	7	8.3	59	89	0.7	3.8	0.1	1	2.0	1500	910	240000
2234	RANGA NADI D/S OF HYDEL PROJECT	ASSAM	14	30	6.6	8.4	6.9	8.4	60	131	0.4	2.4	0.1	0.8	2.0	910	1000	21000
2239	SANKOSH DHUBRI	ASSAM	21	32	4.3	6	6.7	7.9	49	109	0.8	3.3	0.1	1.1	300	1100	720	12000
2241	SONAI RIVER AT SONAI	ASSAM	24	29	5.5	6.1	6.8	7.9	51	117	0.6	4.4	0.1	0.9	300	1500	910	21000
1261	SUBANSIRI AT GEREKAMUKH, B/C WITH BRAHMAPUTRA	ASSAM	11	28	7.3	9.7	7	8.3	61	109	0.4	1.8	0.1	2	2.0	720	360	4300
1947	TEESTA AT SILIGURI	WEST BENGAL	11	26	5.6	8.7	6.8	8	48.7	123.3	0.9	3.3	0.1	0.3	2100	14000	2200	90000

TABLE 7.1:- WATER QUALITY OF RIVER MAHI AND ITS TRIBUTARY STREAMS SHIVNA, JAMMER, MALEI, CHILLAR, ANAS, VISHWAMITRI& PANAM - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1232	MAHI (D/S) CONF WITH R. CHAP (UNDER SAGWARA-SARHI RD. BDG.)	RAJASTHAN	21	33	4.1	6.8	7.4	9	210	700	0.8	2.2	0.1	1.7	4	7	7	75
1863	MAHI AT UMETA BRIDGE	GUJARAT	19	30	5.3	9	6.6	8.5	270	430	0.6	4.8	0	0.5	11	49	33	130
1864	MAHI AT MUJPUR	GUJARAT	27	33	6	9	7.3	8.5	307	568	0.9	4.9	0.1	3.9	12	46	47	96
4	MAHI AT SEVALIA	GUJARAT	24	30	7.3	9	8	8.6	288	406	0.3	2.8	0	0.3	14	49	49	140
5	MAHI AT VASAD	GUJARAT	20	29	4.9	9.1	7.3	8.5	269	453	0.6	4.8	0	0.9	11	46	33	120
1229	MAHI NEAR RAJASTHAN BORDER AT KADANA DAM	GUJARAT	29	32	6.2	9	7.3	8.5	298	409	0.1	6.5	0.1	0.9	2	11	11	33
1230	MAHI AFTER CONF. WITH ANAS AT PARDI (BANASWADA)	GUJARAT	30	33	5.6	8.9	7.1	8.5	281	436	0.2	7	0	0.5	12	46	47	130
1231	MAHI AT VIRPUR	GUJARAT	28	32	3	8.9	7.5	8.5	291	422	0.1	2.6	0	0.5	2	46	11	120
1233	MAHI AT BADNAWAR	MADHYA PRADESH	23	29	6.9	7.8	7.8	8.3	28	492	1.1	1.4	0.7	1.7			40	150
3206	MAHI AT SHERKHI BRIDGE	GUJARAT	26	31	6	9	7.5	8.5	282	2612	1	5.9	0.1	0.6	11	27	33	79
3318	MAHI AT RANISINGH VILLAGE, RATLAM, UJJAIN	MADHYA PRADESH	19	31	6.8	9.5	7.1	8.7	380	532	1.5	2.8	0.7	2.4	4	13	30	300
2102	SHIVNA AT RAMGHAT, MANDSAUR	MADHYA PRADESH	23	31	7	7.6	7.3	8.7	405	790	1.4	2.9	1	2.8	3	13	50	350
2103	JAMMER AT DHOLOWAD, RATLAM	MADHYA PRADESH	19	31	6.8	8.1	7.4	8.6	275	510	1.6	2.6	0.7	3.1	3	8	30	170
2104	MALEI AT JAORA	MADHYA PRADESH	19	30	6	7.6	7.8	8.5	580	1319	2.2	3.5	0.9	3.7	6	900	140	1600
2105	CHILLAR AT SHAJAPUR	MADHYA PRADESH	21	30	4.8	7.4	7.4	8.8	290	611	1.8	2.9	0.1	2.3	4	50	40	350
1228	ANAS AT DAHOD,(KUSHALGARH),DIST. PANCHMAHAL	GUJARAT	30	32	3.8	8.9	7.5	9	291	607	0.2	4.3	0	0.5	11	26	33	70
1227	PANAM AT LUNAWADA	GUJARAT	28	32	5.6	9	7.6	8.5	289	427	0.1	2.3	0	0.2	12	46	47	96

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
3204	VISHWAMITRI DOWNSTREAM AT KHALIPUR VILLAG	GUJARAT	26	30	0.8	2.2	7	8.1	526	1441	2.1	20	0.1	0.3	330	400	1600	2200
3205	VISHWAMITRI, UPSTREAM AT ASOD BRIDGE AT NH-8 NEAR GLDEN CHOKDI, ASOD VEMALI ROAD	GUJARAT	26	30	4.9	9.2	7.8	8.3	234	555	1	6	0	0.4	4	14	21	49

TABLE 8.1: - WATER QUALITY OF RIVER SABARMATI AND ITS TRIBUTARY STREAM KHARI, MESHWA & SHEDHI- 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1	SABARMATI AT DHAROI DAM	GUJARAT	27	33	5.5	8.04	7.7	8.9	250	3137	1.2	76	0	3.9	2	25	10	210
2	SABARMATI AT AHMEDABAD AT V.N. BRIDGE	GUJARAT	25	29	1.2	7.32	7.5	8	320	1659	1.5	60	0.1	0.3	33	400	430	3500
1221	SABARMATI AT KHEROJ BRIDGE	GUJARAT	25	27	4.1	7.7	7.4	8.5	356	874	1.4	4	0.1	0.2	1.8	14	6.8	120
1223	SABARMATI A/C WITH MESHWA AT VAUTHA NEAR DHOKLA	GUJARAT	26	30	1.1	7.2	7.4	8.4	447	2719	1.6	52	0	0.5	20	260	210	1400
1407	SABARMATI AT GANDHI NAGAR CHILODA BRIDGE,LEKAWADA	GUJARAT	28	32	5	8.2	7.9	8.5	217	314	0.6	7	0	0.1	4	14	13	70
1408	SABARMATI AT VILL. MIROLI TALUKA DASCROI,AHMEDABAD	GUJARAT	28	33	7.1	7.1	7.4	8.8	759	3389	5	68	0.1	0.6	25	630	540	4800
1409	SABARMATI AT RAILWAY BRIDGE AHMEDABAD	GUJARAT	25	28	3.4	7.2	8.0	8.4	300	597	1.7	28	0.1	0.4	11	26	70	220
1482	SABARMATI AT MAHUDI JAIN TEMPLE, 150 KM. FORM ORIGIN	GUJARAT	27	29	4	8.8	7.8	8.4	278	427	1.2	3	0	0.1	4	11	21	31
1866	SABARMATI AT HANSAOL BRIDGE	GUJARAT	25	28	4.3	7.6	7.3	8.3	237	401	1.2	2.5	0.1	0.4	11	33	70	350
1437	KHARI AT LALI VILLAGE NEAR AHMEDABAD	GUJARAT	30	34			7.3	8.3	2205	3840	52	235	0.1	0.9	1300	11000	7900	92000
1224	MESHWA NEAR RAJASTHAN BORDER AT SAMLAJI	GUJARAT	27	27	6.6	6.6	8.0	8.0	375	375	1.5	1.5	0.1	0.1	6.1	6.1	26	26
1222	SHEDHI AT KHEDA	GUJARAT	25	32	1.2	9	7.3	8.1	397	3350	0.9	9	0	0.5	21	46	96	170

TABLE 9.1: - WATER QUALITY OF RIVER NARMADA AND ITS TRIBUTARY STREAMS GOUR, CHOTA TAWA, BANJAR, KATNI& KUNDA- 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1242	NARMADA NEAR SOURCE AT AMARKANTAK	MADHYA PRADESH	18	30	6.6	9.6	7.2	7.9	91.2	305	0.6	1.9	0	0.6			12	34
3321	NARMADA AT AMARKANTAKE FROM ORIGIN POINT, REWA	MADHYA PRADESH	19	30	7.5	9.6	7.2	8.1	181	522.4	0.8	1.9	0.2	0.8			22	50
2118	NARMADA AT D/S OF KAPILDHARA	MADHYA PRADESH	18	30	7.1	8.4	7.3	8	118	482	0.8	1.9	0.4	0.9			27	60
1241	NARMADA AT MANDLA NEAR ROAD BDG	MADHYA PRADESH	21	23	7.4	7.8	7.3	8.4	250	619	1.2	1.7	0	1.9			20	47
3322	NARMADA AT MANDLA, NEAR SHAMSHANGHAT, JABALPUR	MADHYA PRADESH	20	24	7.4	7.8	7.2	8.4	255	611	1	2	0	1.7			15	47
2099	NARMADA LALPUR, JABALPUR	MADHYA PRADESH	21	24	7.3	7.9	7.1	8.3	294	602	1	1.8	0	1.4			15	41
3323	NARMADA AT LALPUR, NEAR WATER SUPPLY INTAKE POINT, JABALPUR	MADHYA PRADESH	21	28	7.2	7.9	7.2	8.3	219	727	1.1	2.4	0	2.2			21	47
3324	NARMADA AT PANCHWATIGHAT, BEFORE MIXING WITH BAWANGANGA JABALPUR	MADHYA PRADESH	20	27	6.9	7.9	7.1	8.8	262	625	1.2	1.7	0	2			23	48
3325	NARMADA AT SARSWATIGHAT, AFTER MIXING WITH BAWANGANGA JABALPUR	MADHYA PRADESH	21	28	6.8	7.9	7.2	8.3	128	793	1.1	2.2	0	3.3			21	280
1240	NARMADA AT NARSINGHPUR	MADHYA PRADESH	19	26	7.3	8	7.2	8.4	216	634	1.2	1.8	0	1.5			23	43
1234	NARMADA AT HOSHANGABAD U S	MADHYA PRADESH			7.2	8.3	8	8.5	256	291	1	1.7	0	0.5			34	47
2123	NARMADA AT KORIGHAT HOSHANGABAD	MADHYA PRADESH			7.5	8.2	7.8	8.6	196	292	1.1	1.8	0	0.9			30	40
44	NARMADA AT SETHANIGHAT	MADHYA PRADESH	22	28	6.2	7.2	6.7	8.1	265	960	0.5	0.8	0.3	2.4			400	1400

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1235	NARMADA AT HOSHANGABAD D S	MADHYA PRADESH			1.3	8.2	8.1	12	213	310	1.1	8	0	0.7			34	40
2106	RIVER NARMADA AT NEMAWAR	MADHYA PRADESH	21	27	6.8	7.6	7.3	8.2	300	463	1.6	2	0.6	2.1	2	20	30	140
2113	RIVER NARMADA NEAR PUNASA DAM, PUNASA	MADHYA PRADESH	21	29	6.8	8	7.5	8.5	217	380	0.6	1.4	0.4	1.1			30	40
1430	NARMADA AT D S OF OMKARESHWAR	MADHYA PRADESH	22	29	6.8	7.9	7.3	8.5	263	364	1.1	1.7	0.6	4.9			40	50
2112	RIVER NARMADA NEAR MORTAKKA BRIDGE, BADWAH	MADHYA PRADESH	21	29	6.8	8.2	7.6	8.4	260	310	1	1.7	0.5	2.4			33	50
45	NARMADA AT MANDLESHWAR	MADHYA PRADESH	22	26	4.2	4.6	7.5	8	960	1418			2.7	4.6			400	400
1431	NARMADA AT MAHESHWAR	MADHYA PRADESH	19	31	7.1	8.4	7.9	8.5	256	378	0.9	1.4	0	2.5			40	50
1239	NARMADA AT BADWANI	MADHYA PRADESH	18	30	6.9	8.1	7.6	8.5	256	328	1	1.6	0.6	2.8			34	50
7	NARMADA AT GARUDESHWAR	GUJARAT	26	30	7.1	7.95	7.7	8.4	271	364	0.3	1	0.2	0.3	7.8	22	21	130
1245	NARMADA AT CHANDOD	GUJARAT	25	30	5.8	8.5	7.1	8.5	218	338	0.4	2.1	0	0.5	11	14	33	49
1244	NARMADA AT PANETHA	GUJARAT	26	32	7	8.2	7	8.4	260	720	0.3	1	0.2	0.34	11	33	23	170
1981	NARMADA AT ZANOR (NTPC), BHARUCH	GUJARAT	23	30	6.7	7.7	7.5	8.3	253	730	0.7	0.9	0.2	0.5	33	79	70	2100
1243	NARMADA AT BHARUCH,ZADESHVAR	GUJARAT	26	30	6.5	7.5	7.5	8.4	291	4320	0.9	1.3	0.2	0.3	70	1400	330	28000
3305	BANJAR AT MALANJKHAND NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	20	30	7.3	7.9	7.2	8.4	248	618	1.2	2.2	0	1.5	4	6	21	63
1236	CHOTA TAWA B/C, WITH NARMADA	MADHYA PRADESH	22	29	6.9	7.9	7.9	8.5	264	468	0.9	1.2	0	2			40	90
2100	GOUR RIVER BHOGA DOOR, JABALPUR	MADHYA PRADESH	20	25	7.1	7.8	7.1	8.4	223	844	1	2.2	0	2.2	1.4	10	12	210

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2101	KATNI NEAR NAGAR NIGAM	MADHYA PRADESH	17	28	6.3	7.9	7.1	8.3	256	810	0.6	3.5	0	2	2.0	29	4	84
2114	RIVER KUNDA AT KHARGONE	MADHYA PRADESH	23	28	5.7	6.9	7.2	8.4	310	700	1.5	4	0	4.2			70	1403

TABLE 10.1: - WATER QUALITY OF RIVER TAPI (TAPTI) AND ITS TRIBUTARY STREAMS GIRNA, KIM, RANGAVALI, DENWA, PURNA, AMRAVATI, BORI, BURAI, GOMAI, HIWARA, MOR, MORNA, PANZARA, PEDHI, TITUR & WAGHUR - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
9	TAPI AT NEPANAGAR	MADHYA PRADESH	18	29	6.6	7.9	7.8	8.0	288	890	1.1	1.4	0.3	2.2			40	110
10	TAPI AT BURHANPUR	MADHYA PRADESH	19	29	6.2	7.6	7.5	8.7	302	1104	1.2	2.9	0.9	5.6			110	900
1250	TAPI AT HATHNUR	MADHYA PRADESH	19	30	6.4	7.4	7.8	8.7	308	964	1.3	2.8	0.7	4.9			140	900
1313	TAPI AT AJNAND VILLAGE	MAHARASHTRA	22	26	5.4	7.2	7.2	8.2	223	1285	2	8	0	1.5	2	4	80	170
1251	TAPI AT BHUSAWAL US	MAHARASHTRA	21	25	5.4	7.2	7.1	8	244	1260	2	8	0	1.7	2	4	80	210
1314	TAPI AT UPHAD VILLAGE	MAHARASHTRA	21	22	5.9	7	7.2	8.2	273	951	3	5	0	0.5	2	6	50	500
46	TAPI AT UKAI, SHERULA BRIDGE	GUJARAT	26	32	7.9	8	7.5	8.6	1153	2776	2	2	0.2	0.09	2	2	18	18
1247	TAPI AT MANDAVI	GUJARAT	24	31	2.4	8.8	7.7	8.5	244	431	0.9	1.2	0	0.1	2	542	8	542
47	TAPI AT KATHORE, (NH-8 BRIDGE)	GUJARAT	22	38	3.9	6.2	7.5	8.5	312	556	3.2	15	0.3	2.9	8	20	35	550
1248	TAPI U/S SURAT KATHORE	GUJARAT	23	31	5.2	7.8	7.2	8.3	366	580	0.7	1.6	0	0.2	2	5420	2	5420
1982	TAPI AT RANDER BRIDGE, SURAT	GUJARAT	24	31	4.8	7.6	7.5	8.3	411	544	0.9	1.6	0	0.4	26	426	212	426
1983	TAPI NEAR BARDOLI (KAPP BRIDGE) BARDOLI	GUJARAT	25	31	5.6	8	7.6	8.4	192	403	0.5	1.2	0	0.1	2	278	9	348
2071	TAPI AT ONGC BRIDGE AT SURAT, DIST. SURAT	GUJARAT	24	30	2.6	4.3	7.2	7.8	756	40650	1.6	8	0	0.9	5	426	26	542
1252	GIRNA AT JALGAON	MAHARASHTRA	20	22	4.4	6.7	7.2	8	282	548	3.6	9	0	0	2	2	110	220
1253	GIRNA AT MALEGAON (MANMAD)	MAHARASHTRA	20	26	4.2	7	7	8.1	260	511	2.4	6.6	0	0	2	2	110	220
1907	RANGAVALI D/S OF NAVAPUR	MAHARASHTRA	20	21	6.8	7	7.2	7.9	340	579	2.6	5	0	0	4	4	210	240

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2070	KIM AT SAHOL BRIDGE, OLPAD HANSOT ROAD, DIST	GUJARAT	27	31	4	8	7.5	8.1	502	8400	0.8	2.9	0	1	2	542	6	542
2115	TAPTI AT NEPA NAGAR 100 METRE D/S AFTER MIXING PANDHAR NALLA	MADHYA PRADESH	19	30	6.5	7.5	7.7	8.7	272	682	1.2	1.8	0.6	3.4			50	300
2127	DENWA NEAR SARNI, ROAD BRIDGE	MADHYA PRADESH			6.4	7.9	8	8.5	208	590	1.3	2.2	0	1.1	4	7	90	150
2155	PURNA A/C OF MORNA, NANDURA VILLAGE	MAHARASHTRA	25	28	5.5	7.4	7	8.9	202	1659	4.5	10	0.1	8.6	49	1600	130	1600
2652	AMRAVATI D/S OF DONDAICHA, DHULE	MAHARASHTRA	22	22	7	7	7.4	7.4	560	560	4	4	0	0	4	4	280	280
2658	BORI D/S OF AMALNER, JALGAON	MAHARASHTRA	23	24	2.9	6.9	7.1	7.6	360	651	2.6	9.2	0	0	2	4	170	280
2659	BURAI B/C TO TAPI MUKUDAS, DHULE	MAHARASHTRA	23	23	7.1	7.1	7.4	7.4	552	552	3	3	0	0			220	220
2666	GOMAI D/S OF SHAHADA, DHULE	MAHARASHTRA	22	22	6.8	6.8	7.2	7.2	514	514	4	4	0	0	2	2	280	280
2667	HIWARA D/S OF PACHORA, JALGAON	MAHARASHTRA	21	24	3.6	7	7.3	7.8	270	550	3	8.6	0	0	2	2	170	280
2674	MOR NEAR PADALSHE, JALGAON	MAHARASHTRA	22	23	5.2	6.8	7.4	7.8	260	580	4	8.2	0	0	2	2	130	170
2675	MORNA D/S RAILWAY BRIDGE, AKOLA	MAHARASHTRA	22	28	2.2	7.6	6.9	8.9	208	3002	3.4	18	0.1	11	23	1600	46	1600
2684	PANZARA NEAR PANZARAKAN SSK LTD, PANZARA, DHULE	MAHARASHTRA	20	20	5.3	6.9	7	7.8	323	644	3	6	0	0.1	2	4	170	350
2695	PEDHI NEAR ROAD BRIDGE AT DADHI-PEDHI VILLAGE, BHATKULI, AMRAVATI	MAHARASHTRA	20	41	2.6	7	7.3	8.8	178	1707	3.5	15	0	11	94	900	220	1600
2710	TITUR D/S OF CHALISGAON, JALGAON	MAHARASHTRA	22	24	5.4	6.7	7.6	7.8	255	710	4	5.6	0	0	2	4	170	240

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2718	WAGHUR B/C SAKEGAON WITH TAPI JALGAON	MAHARASHTRA	21	22	4.9	7	7.1	7.5	286	534	3	7.4	0	0	2	2	110	240
3203	AMRAVATI AT VILLAGE DADHAL , TA ANKLESHWAR, BHARUC	GUJARAT	26	32	4.1	8.8	7.3	8.4	399	1010	0.9	6	0.2	0.5	33	260	110	3300

TABLE 11.1: - WATER QUALITY OF RIVER MAHANADI - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1851	MAHANADI AT SIHAWA	CHHATTISGARH	24	28	6.2	6.8	7.5	7.7	248	411	2.2	2.6	1	1.2			110	350
1264	MAHANADI U/S RUDRI DHAMTORI RESERVOIR	CHHATTISGARH	24	28	7.2	7.4	7.7	7.9	286	434	2.2	2.3	1.1	2.4			110	500
1099	MAHANADI U/S OF RAJIM	CHHATTISGARH	24	32	6.1	7.7	5.6	7.6	268	512	1.8	2.8	1.1	2.1			110	350
1852	MAHANADI AT ARRANG, RAIPUR	CHHATTISGARH	25	28	7.2	7.7	7.4	7.9	322	516	1.9	2.8	1.2	2.4			110	300
1100	MAHANADI AT KHARAD	CHHATTISGARH	21	36	5.5	7.9	7.4	8.5	196	516	1.1	1.3	1.2	2.8			540	540
1282	MAHANADI AT SHEORINARAYAN VILLAGE	CHHATTISGARH	29	36	6	7	7.5	9	218	380			1.3	2.5			920	920
1467	MAHANADI A/C WITH MAND	CHHATTISGARH	21	36	6	7.6	7.3	10	204	344	1.2	1.4	1.2	2.1			350	540
1101	MAHANADI AT INTERSTATE BOUNDRY	CHHATTISGARH	19	28	6.8	7.4	7.2	7.5	180	212	0.3	2.6	0.1	1.2			21	460
3165	HASDEO 100 METER D/S A/C OF DENGUR NALLAH NERA C.S.E.B. EAST GUEST HOUSE, KORBA	CHHATTISGARH	25	26	4.6	5.8	7.1	7.2			2.4	7	0.7	0.9				
3168	HASDEO D/S NEAR URGIA VILLAGE KORBA	CHHATTISGARH	25	26	4.2	5.2	7.2	7.2			3	8	0.9	1.1				
1281	MAHANADI AT HIRAKUD RESERVOIR	ODISHA	18	35	5.3	8	7.4	8.3	167	1941	0.5	1.3	0.2	2.1	130	3500	220	9200
1270	MAHANADI U/S SAMBALPUR	ODISHA	17	36	5.6	9.3	7.5	8.3	159	250	0.5	1.7	0.3	1.4	110	160000	490	160000
1271	MAHANADI D/S SAMBALPUR	ODISHA	20	38	4.4	8.7	7.4	8.4	176	1236	1.6	3.6	0.4	3.2	4900	160000	11000	160000

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2405	SAMBHALPUR FDS AT HUMA	ODISHA	22	39	6.3	9.7	7.4	8.4	164	219.7	0.4	1.6	0.1	1.6	490	54000	1300	54000
1272	MAHANADI D/S (A/C WITH R. ONG SONEPUR U/S)	ODISHA	23	41	6.6	9.1	7.5	8.5	176	219	0.3	1.3	0	2.5	78	2200	230	5400
1274	MAHANADI A/C WITH R.TEL (SONEPUR D/S)	ODISHA	23	42	6.2	10.3	7.5	8.4	173	282.6	0.7	2	0.5	5.2	130	4900	700	11000
1275	MAHANADI AT TIKARPADA	ODISHA	17	44	6	10.3	7.5	8.4	181	238.1	0.4	1.6	0.1	3.5	13	7900	23	11000
1276	MAHANADI AT NARSINGHPUR	ODISHA	23	42	6.6	8.7	7.3	8.4	131	489	0.4	1.4	0.2	1.8	490	3500	1300	4900
1277	MAHANADI U/S CUTTACK	ODISHA	23	40	6.3	9.1	7.2	8.5	157	203	0.5	1.9	0.1	2.3	170	1700	490	5400
1278	MAHANADI D/S CUTTACK	ODISHA	22	41	6	8.9	7.4	8.5	140	254.5	1.4	2.5	0.4	2.7	1300	160000	2300	160000
2406	MAHANADI, MUNDALI(WATER INTAKE POINT OF BHUBANESWAR CITY	ODISHA	22	38	6.1	8.9	7.5	8.4	136	284	0.5	1.5	0.1	1.4	170	11000	790	17000
2404	MAHANADI, POWER CHANNEL D/S NEAR BURLA	ODISHA	17	34	4.9	7.7	7.6	8.3	156	231.1	0.5	1.8	0.4	1.4	490	5400	1100	9200
2407	MAHANADI, PARADEEP U/S (BEFORE INDUSTRIAL ACTIVITY AT PARADEEP)	ODISHA	23	35	6	8.1	7.3	8.3	146	29050	0.4	1.9	0.1	2.3	170	24000	460	35000
1639	MAHANADI D/S PARADEEP	ODISHA	24	34	5.6	7.1	7.4	8.2	187	42170	0.8	2.1	0.4	3	20	22000	20	35000

TABLE 11.2: - WATER QUALITY OF TRIBUTARY STREAMS SEONATH, BIRUPA, MAHANADI, KHARON, HASDEO, KELO, APRA, IB, BHEDEN, TEL, KUAKHAI, DAYA, KATHAJODI, SANKHA, TEL AND BIRUPA – 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1640	BIRUPA AT CHOUDWAR	ODISHA	23	33	3.8	9.6	7	8.4	176	255	0.5	1.8	0.1	1.8	330	24000	790	35000
2411	MAHANADI, BHUBANESWAR FD/S (2 KM A/C OF GANGUA NALLAH WITH DAYA)	ODISHA	25	40	3.2	7.7	6.6	8.4	216	389	2	5.5	0.7	9.4	22000	160000	35000	160000
1105	HASDEO U/S KORBA	CHHATTISGARH	25	27	5.4	7.2	7.1	7.2			0.6	3.8	0.3	0.6				
1106	HASDEO U/S OF CHAMPA	CHHATTISGARH	21	37	6.2	8.2	7.5	8.5	133	288	1.2	1.2	0.7	1.7			350	540
3169	HASDEO, DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA (BEFORE TREATMENT) AT KOHADIA VILLAGE	CHHATTISGARH	26	26	5.2	6.6	7.1	7.2			1.4	3.6	0.5	0.7				
3170	HASDEO, DRINKING WATER INTAKE WELL OF MUNICIPAL CO. KORBA (AFTER TREATMENT) AT KOHADIA VILLAGE	CHHATTISGARH	26	26	6.4	6.8	7.2	7.2			0.4	0.8	0.2	0.5				
1267	IB AT SUNDARGARH	ODISHA	20	44	6.1	9.3	7.5	8.3	82	171	0.3	1.8	0.2	5.5	130	3500	460	5400
1268	IB AT JHARSUGUDA (INTAKE)	ODISHA	20	43	6.5	9.4	7.4	8.4	99	181	0.3	1.5	0.2	5.4	330	7900	1700	13000
1269	IB D/SBRAJRAJNAGAR (INTAKE)	ODISHA	20	42	6.2	9.3	7.2	8.4	103	181	0.7	1.8	0.1	3	330	7000	790	11000
1300	IB U/S RAJ NAGAR	ODISHA	20	43	6.4	9.7	7.2	8.3	100	188	0.1	1.6	0.2	2.8	130	3300	330	4900
2403	BHEDEN B/C WITH IB	ODISHA	18	42	6.3	9	7.5	8.4	127	338	0.1	1.8	0.1	1.8	460	5400	790	9200
1301	KATHAJODI D/S CUTTACK	ODISHA	22	37	4.5	8.9	6.7	8.4	162	361	1.7	5.8	0.2	11	4900	160000	7000	160000
1265	KHAROON U/S RAIPUR	CHHATTISGARH	26	28	7.4	7.6	7.5	7.8	242	556	2	2.4	0.6	2.2			170	300

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1846	KHAROON RIVER A/C KHAPRI DRAIN	CHHATTISGARH			7	7.8	7.3	7.6			1.6	2	0.3	0.6			210	2400
1847	KHAROON B/C KHAPRI DRAIN, DURG, RAIPUR ROAD BRIDGE	CHHATTISGARH			6.2	7.8	7.2	7.6			1.6	7.2	0.1	0.6			210	2400
1853	KHAROON BUNDRI, RAIPUR	CHHATTISGARH	24	27	6.2	7.4	7.2	7.8	286	616	2.3	2.6	1.1	2.2			220	300
1279	KUAKHAI U/S BHUBANESWAR	ODISHA	24	41	5.7	9	6.4	8.4	152	251	0.7	1.8	0.2	1.3	4900	54000	7000	54000
1280	KUAKHAI D/S BHUBANESWAR	ODISHA	25	40	3.1	7.8	6.6	8.1	199	409	2.4	6.7	1.6	12	22000	160000	54000	160000
2410	KUAKHAI, FU/S BHUBANESWAR	ODISHA	24	41	7.2	9.8	7	8.4	139	220	0.4	1.5	0.1	0.8	790	9200	1300	17000
1848	ARPA D/S OF BILASPUR	CHHATTISGARH	27	27	7.3	7.3	8	8	260	260			3.1	3.1				
1849	KELO U/S OF RAIGARH	CHHATTISGARH	19	28	6.7	7.3	7.2	7.5	187	213	0.5	3	0.8	1.2			43	460
1850	KELO D/S OF RAIGARH	CHHATTISGARH	19	28	6.5	7.3	7.3	7.7	190	221	1.1	3.8	0.8	1.2			75	460
1107	SEONATH U/S RAJNANDGAON	CHHATTISGARH	32	32	6.8	7.6	7.4	7.6			1.4	2	0.3	0.5			150	2400
1266	SEONATH AT SHIMGA A/C. WITH R. KHAROON	CHHATTISGARH	26	29	7.4	7.8	7.5	7.8	294	511	2.2	2.8	1.2	2.4			110	300
1845	SEONATH WATER SUPPLY WELL, DURG	CHHATTISGARH			6.4	7.4	7.4	7.6			1.2	2	0.3	0.8			110	2400
3166	SHEONATH AT JHINGHRI VILLAGE, A/C OF SAMODA NALLA	CHHATTISGARH			4.2	8	7.3	7.9			1.8	8.4	0.4	0.35			210	2400
3167	SHEONATH AT RAJNANDGAON, D/S AT MOHAD, RAJNANDGAON	CHHATTISGARH	23	32	6.7	7.6	7.3	7.6			1.4	2.2	0.3	0.6			150	2400

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2409	SERUA, FDS CUTTACK, SANKHATRASA	ODISHA	22	36	4.9	9	6.9	8.4	152	395	1.4	4.8	0.6	9	2300	160000	4900	160000
2408	TEL AT MANAMUNDA	ODISHA	22	42	6.4	9.7	7.6	8.4	121	227	0.3	2.4	0	3.9	45	5400	130	5400

TABLE 12.1: - WATER QUALITY OF RIVER BRAHMANI - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1037	BRAHMANI U/S PANPOSH	ODISHA	13	37	5.8	9	7.1	8.3	94.1	271	0.6	8	0.2	2.8	35	54000	790	92000
1038	BRAHMANI D/S PANPOSH	ODISHA	17	38	4.2	8.2	6.5	7.9	151	363	2.3	5.8	0.1	29	11000	160000	22000	160000
1302	BRAHMANI D/S ROURKELA	ODISHA	18	39	4.4	8.3	6.7	7.9	133	286	2	5.4	0.2	14	7900	160000	13000	160000
2414	BRAHMANI, FDS ROURKELA AT BIRITOLA	ODISHA	18	44	6.3	9.7	7.1	8.3	112	319	0.5	2.5	0.2	4.3	68	13000	170	17000
1039	BRAHMANI AT BONAIGARH	ODISHA	20	44	6.2	9.9	7.1	8.1	93.2	281.7	0.5	1.8	0.2	3.8	230	13000	20	17000
1040	BRAHMANI AT RENGALI	ODISHA	22	42	6.3	8.7	7.2	8.2	88	169.3	0.3	1.8	0.2	1.3	45	5400	170	9200
1041	BRAHMANI AT SAMAL	ODISHA	22	41	5.8	9.7	7.2	9	103	205	0.4	1.4	0.3	10	78	3500	230	9200
1303	BRAHMANI U/S TALCHER	ODISHA	22	42	6.3	9.1	7.7	8.3	115	163	0.5	1.8	0.2	3.1	130	7900	490	17000
2415	TALCHER FU/S (INTAKE WELL OF MCL, TALCHER)	ODISHA	22	42	6.2	9.7	7.6	8.3	117	198	0.3	1.7	0.2	3	78	4900	170	7900
2416	BRAHMANI FD/S TALCHER	ODISHA	21	40	4	8.2	7.3	8.4	151	240	0.6	1.7	0.2	5.5	330	7900	1300	13000
1042	BRAHMANI AT KAMALANGA, ORISSA	ODISHA	21	42	5.6	8.6	7.6	8.4	133	358	0.7	2.5	0.3	3.6	330	17000	2400	22000
2417	DHENKANAL D/S, DHENKANAL TOWN	ODISHA	19	43	6.3	9.5	7.7	8.4	141	285	0.8	2.3	0.2	3.8	1300	54000	2300	92000
1043	BRAHMANI AT BHUBAN	ODISHA	20	40	5.8	9.8	6.7	8.4	111	267	0.5	1.6	0.1	3.6	130	17000	330	22000
2418	KABATABANDHA (BEFORE IMPACT OF INDUSTRIAL ACTIVITY IN KALINGANAGAR AREA)	ODISHA	20	41	6.2	9.2	6.9	8.5	138	3170	0.6	1.8	0.1	4.7	130	13000	330	22000
1044	BRAHMANIU/S DHARMASHALA	ODISHA	24	37	6.2	9.7	7.6	8.5	130	237.3	0.6	1.7	0.2	1.5	78	7000	230	9400
1045	BRAHMANI AT PATTAMUNDAI	ODISHA	26	41	6	10.3	7.6	8.4	147	264	0.2	2.9	0.2	2.7	490	24000	790	35000

TABLE - 12.2: WATER QUALITY OF TRIBUTARY STREAMS KOEL, KHARASROTA, AUL, KHANDITARA, SANKH & KARO - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1035	KARO U/S LOHOJIMI	JHARKHAND	18	35	8.1	8.5	7.2	7.4			2.3	2.5	0	0	200	230	1200	1500
2419	KHANDITARA (D/S OF INDUSTRIAL ACTIVITIES AT KALINGA NAGAR)	ODISHA	25	37	5.7	8.4	7.1	8.4	129	193.5	0.4	1.6	0.1	2.3	330	3300	490	7900
2420	KHARSROTA AT AUL	ODISHA	23	41	5.9	9.7	7.1	8.3	133	337	0.4	1.3	0.3	2.8	790	92000	2200	92000
1033	KOEL AT BASIA,DAM U/S,JHARKHAND	JHARKHAND	18	32	8	8.6	6.8	7.5			2.3	2.6	0	0	150	230	930	1200
1036	KOEL AT MANOHARPUR AFTER MEETING KOINA RIVER D/S,J	JHARKHAND	25	40	6.8	8.4	7.4	7.9	254	392	0.2	0.8	0	3.6				
2376	NORTH KOEL U/S DALTANGANJ	JHARKHAND	18	38	7.4	8.6	7.3	7.5			2.5	2.8	0	0	150	200	930	1200
2377	NORTH KOEL D/S BCCL, REHLA	JHARKHAND	19	37	7.1	8.6	7.2	7.5			2.6	2.9	0	0	230	230	1200	1500
2413	KOEL U/S (A/C OF KARO)	ODISHA	12	39	5.8	8.3	7.2	8.2	122	267	0.5	2.9	0.1	4.6	330	24000	790	35000
1034	SANKH AT BOLBA	JHARKHAND	19	36	8.3	8.6	7.2	7.5			2.1	2.4	0	0	110	200	750	1200

TABLE 12.3: - WATER QUALITY OF RIVER BAITARNI AND ITS TRIBUTARY STREAM KUSEI - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1081	BAITARNI AT JODA	ODISHA	18	38	5.6	8.5	7.1	8.3	103	183	0.3	2	0.1	5	330	5400	790	16000
1082	BAITARNI AT ANANDPUR	ODISHA	13	38	6.2	8.6	7.5	8.4	127	300	0.3	1.5	0.2	5.6	490	24000	1300	35000
1083	BAITARNI AT JAJPUR	ODISHA	23	37	5.4	8.8	7.4	8.3	126	230	0.8	2.5	0.1	1.9	1400	17000	2100	24000
1084	BAITARNI AT CHANDBALI,	ODISHA	23	40	5	7.8	7.2	8.3	155	39160	0.5	1.7	0.5	3.4	3300	24000	1600	35000
1085	BAITARNI AT DHAMRA	ODISHA	23	33	5	6.5	7.1	8.2	1698	50910	0.8	2.7	0.3	3.3	45	16000	230	160000
2421	KUSEI BEFORE JOINING WITH BAITARANI RIVER AT ANANDPUR	ODISHA	13	34	6.1	9.5	7.8	8.4	161	326	0.3	1.4	0.1	1.5	490	24000	1300	35000

TABLE 13.1:- WATER QUALITY OF RIVER SUBARNAREKHA& JUMAR - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1641	SUBARNAREKHA AT RAJGHAT NEAR BIHAR BORDER	ODISHA	21	34	5.6	8.8	7.8	8.5	123	363	0.6	1.9	0.1	1.1	330	4900	490	7900
2399	SUBARNAREKHA AT CHANDIL DAM	JHARKHAND	19	30	6.8	8.8	7.2	7.7	170	232	0.2	0.4	0	2.4				
48	SUBARNAREKHA AT CHANDIL BRIDGE	JHARKHAND	24	35	6.7	8.2	7.4	8.4	174	248	2	2.6	0	0.4				
24	SUBARNAREKHA AT JAMSHEDPUR	JHARKHAND	22	38	5.4	7.2	6.5	7.8	262	411	1.8	3.8	0	6.8				
49	SUBARNAREKHA AT D/S JAMSHEDPUR,(TATA NAGAR),JHARKA	JHARKHAND	26	32	3.7	6.5	7.4	8.2	270	394	0.8	1.4	0.9	1.8				
2387	SUBAREKHA AT GHATISLA ROAD BRIDGE	JHARKHAND	20	36	7	8.2	7.2	7.7	202	319	0.2	0.4	0.9	2.8				
23	SUBARNAREKHA AT RANCHI,(TATISILWAI) JHARKHAND	JHARKHAND	15	33	4.9	7.8	6.6	7.5			1.3	3.4	0	0	200	230	1200	1500
2385	SUBARNAREKHA AT NAMKUM ROAD BRIDGE	JHARKHAND	17	33	5.3	6.9	6.4	7.5			3.1	3.4	0	0	150	230	930	1200
2386	SUBARNAREKHA AT MURI ROAD BRIDGE	JHARKHAND	15	35	7.2	8.3	7.4	7.7			2.4	2.8	0	0	200	230	1200	1500
2395	SUBARNAREKHA AT HATIA DAM	JHARKHAND	17	32	8.2	8.5	7.3	7.9			2.1	3	0	0	150	230	930	1500
2397	SUBARNAREKHA AT GATALSUD DAM	JHARKHAND	15	30	8.1	8.6	7.3	7.5			2.5	2.9	0	0	200	230	1200	1500
2396	JUMAR AT KANKE DAM	JHARKHAND	17	32	5.9	7.2	6.5	7.6			2.9	3.3	0	0	200	230	1200	1500

TABLE 14.1:- WATER QUALITY OF RIVER GODAVARI - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1312	GODAVARI AT JAYAKWADI DAM, AURNAGABAD, MAHARASHTRA	MAHARASHTRA	20	24	6.1	7.8	7.2	9	274	980	2	6	0	0.6	2	6	130	240
2177	GODAVARI RIVER NEAR SOMESHWAR TEMPLE	MAHARASHTRA	20	34	5.4	7	7.2	8.2	238	988	2	12	0	1.4	2	4	90	240
2182	GODAVARI RIVER AT SAIKHEDA	MAHARASHTRA	20	35	5.1	7.1	7.2	8.1	150	522	2	5.6	0	3.1	2	10	80	280
2179	GODAVARI RIVER AT HANUMAN GHAT, NASHIK CITY	MAHARASHTRA	20	32	4.7	7.5	7.2	8.1	262	709	2	16	0	1.8	2	8.2	40	280
2183	GODAVARI RIVER AT NANDUR-MADMESHWAR DAM.	MAHARASHTRA	20	34	5.8	7.6	7.1	8.2	139	587	2.4	5	0	3.9	2	4	60	220
2181	GODAVARI RIVER AT KAPILA-GODAVARI CONFLUENCE POINT, TAPOVAN	MAHARASHTRA	20	34	4.2	6.8	7.3	8.2	251	749	3	8	0	2	2	10	80	350
2180	GODAVARI RIVER NEAR TAPOVAN.	MAHARASHTRA	20	34	5.2	7	7.3	8.4	259	739	3	7	0	1.5	2	9.2	40	280
1096	GODAVARI AT PANCHAVATI AT RAMKUND, MAHARASHTRA	MAHARASHTRA	20	33	5.2	7.1	7.1	8.2	149	1045	2	10	0	1.6	2	12	70	350
1211	GODAVARI AT NASIK D/S, MAHARASHTRA	MAHARASHTRA	20	33	4	7	7.4	8	278	806	2.6	12	0	1.1	2	17	40	500
1095	GODAVARI AT U/S OF GANGAPUR DAM, NASIK, MAHARASHTRA	MAHARASHTRA	20	34	5.4	7.1	7.1	7.9	147	841	2	8	0	2.7	2	9.3	40	170
2160	GODAVARI RIVER AT U/S OF AURANGABAD RESERVOIR, KAIGAON TOKKA NEAR KAIGAON BRIDGE	MAHARASHTRA	20	23	6.8	7.4	7.6	8.7	299	1084	2	5	0.1	0.3	2	6	110	240
2158	GODAVARI RIVER AT U/S OF PAITHAN AT PAITHAN INTAKE PUMP HOUSE AT JAYAKWADI	MAHARASHTRA	20	24	6.6	7.6	7.7	8.8	301	1709	3	5	0	0.8	2	4	110	170

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2159	GODAVARI RIVER AT D/S OF PAITHAN AT PATHEGAON BRIDGE	MAHARASHTRA	20	23	6.7	7.4	7.7	9	294	2404	2	6	0	0.4	2	6	110	240
2161	GODAVARI AT JALNA INTAKE WATER PUMP HOUSE, SHAHABAD	MAHARASHTRA	23	33	5.8	7.2	7.5	8.4	141	1196	3	8	0	0.8	2	6	130	240
12	GODAVARI AT DHALEGAON		16	25	6.9	7.2	7.4	8.3	263	1532	2	4	0	0.4	2	4	110	220
1210	GODAVARI AT NANDED	MAHARASHTRA	20	28	6.2	7.6	7.3	8.6	289	1186	2	7	0	1.5	2	6	110	240
1209	GODAVARI AT RAHER	MAHARASHTRA	22	30	5.8	7.5	7.6	8.5	282	1194	2	7	0	1.2	2	6	130	240
2157	GODAVARI AT LATUR WATER INTAKE NEAR PUMP HOUSE AT DHAMEGAON	MAHARASHTRA	20	26	6.2	7.8	7.9	8.3	309	446	3	7	0	0.6	2	6	130	240
2360	GODAVARI AT BASARA, ADILABAD	TELANGANA	20	26	6.1	8.2	7.2	8.5	340	601	2	3	1.2	6.1	5	32	90	198
2361	GODAVARI AT MANCHERIAL, NEAR RLY BDG B/C OF RALLAVAGU	TELANGANA	22	27	4.5	6	7	8.6	275	488	2	5	0	2.6	50	90	300	600
2362	GODAVARI D/S RAMAGUNDAM, NEAR FCI INTAKE WELL, KARIMNAGAR	TELANGANA	18	29	4	5.9	7.6	8.7	288	589	3	7	0	3.5	90	120	395	450
2366	GODAVARI D/S KAMALPUR AT M/S RAYONS LTD. DISCHARGE POINT, WARANGAL	TELANGANA	19	27	5.2	6.2	7.1	8.6	230	695	2	3	0	1	81	130	180	340
2363	GODAVARI AT GODAVARIKHANI, NEAR BATHING GHAT, KARIMNAGAR	TELANGANA	26	29	4.1	5.8	7.1	8.8	410	788	4	6	0	6	110	158	620	800
2364	GODAVARI U/S RAMAGUNDAM, KARIMNAGAR	TELANGANA	25	27	4.3	7.2	7.5	8.8	289	466	2.8	6	0	2.8	88	110	389	470
2356	GODAVARI, D/S OF RAMANUGUNDAM	TELANGANA	26	28	4.5	5.8	7.5	8.7	357	656	3	21.4	0	3.7	78	150	352	800

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2365	GODAVARI U/S KAMALPUR M/S AP RAYONS LTD. INTAKE WELL, WARANGAL	TELANGANA	18	26	5.5	6.8	6.8	8.5	210	487	1	4	0	0.9	78	125	150	370
13	GODAVARI AT MANCHERIAL	TELANGANA	25	28	4.8	6	7.3	8.6	290	465	2	4	0	6.1	60	120	350	450
2367	GODAVARI U/S AT BHADRACHALAM BATHING GHAT, KHAMMAM	TELANGANA	18	27	4.9	6.5	7.3	8.5	217	420	2	7	0	12	30	80	180	320
2368	GODAVARI D/S BHADRACHALAM BATHING GHAT, KHAMMAM	TELANGANA	18	28	4	6.9	7.2	8.1	224	636	2	8	0	2.2	32	75	288	340
2369	GODAVARI AT BURGAMPAHAD, KHAMMAM	TELANGANA	17	27	3.7	6.9	7.3	8.1	277	824	3	9	0	15	41	85	289	370
3080	KARAKAVAGU U/S OF AT PALONCHA, KHAMMAM	TELANGANA	18	28	4.9	6.6	7.1	8.5	200	615	2	3	0	16	10	46	30	470
3081	KARAKAVAGU D/S OF AT PALONCHA, KHAMMAM	TELANGANA	18	26	4.6	6.4	7.2	8.6	431	660	2	18	0	15	15	40	45	185
14	GODAVARI AT POLAVARAM	ANDHRA PRADESH	25	28	5.6	6.4	6.6	7.8	150	375	1.2	2.8	0.4	1.1	3	45	9	2400
1218	GODAVARI U/S RAJAHMUNDRY	ANDHRA PRADESH	25	28	5.6	6.6	6.7	7.9	179	398	1.2	3.1	0.5	1.9	3	49	7	3200
2371	GODAVARI D/S RAJAMUNDRY OF NALLA CHANNEL	ANDHRA PRADESH	25	32	5.8	6.4	5.7	7.5	217	363	1.5	3	0.6	2.5	9	28	28	1100
1219	GODAVARI D/S RAJAHMUNDRY	ANDHRA PRADESH	25	31	5.9	7	5.9	7.6	217	302	1.2	2.8	0.3	1.8	9	23	93	460
2370	GODAVARI U/S RAJAMUNDRY OF NALLA CHANNEL	ANDHRA PRADESH	24	31	5.2	6.5	5.8	7.7	223	381	1	3.4	0.8	2.8	4	23	39	460

TABLE 14.2:- WATER QUALITY OF TRIBURATY STREAMS INDRAVATI, SHANKINI, MANJEERA, MANER, WARDHA, WAINGANGA, KOLAR, KANHAN, PURNA, NIRA, KINNERSANI, SABARI, BINDUSARA, DARNA, PENGANGA & WENA – 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1854	INDRAVATI A/C DANTEWADA NELSONNAR, DANTEWADA	CHHATTISGARH	18	27	7.6	7.8	7.6	7.9			1	1.6	0	0				
1856	SHANKNI A/C DANKANI DANTEWADA	CHHATTISGARH	18	27	7.3	7.9	7.5	7.8			1	2.4	0	0				
2373	SABARI AT KUNAVARAM, KHAMMAM	TELANGANA	19	30	5.4	7	7.2	8.1	82	203	0	1	0	0.7	8	30	25	70
2374	MANJEERA AT GOWDICHARLA B/C WITH NAKKAVAGU	TELANGANA	26	29	5.2	8.6	7.4	8.3	522	1823	2	26	1	59	21	31	50	125
2375	MANJEERA AT GOWDICHARLA A/C WITH NAKKAVAGU	TELANGANA	26	29	5.5	8.3	7.4	7.9	1120	2031	2.6	10	1.8	11	25	50	25	260
1781	MANJEERA NEAR GANAPATHI SUGARS , DIST MEDAK	TELANGANA	25	29	6.2	8.6	7.5	8.4	466	624	2	3	1	6	8	30	78	100
1157	MANJERA AT RAIPALLU	TELANGANA	26	29	6.5	8	7.8	8.5	283	356	2.4	3	0.6	8	2	5	20	200
2657	BINDUSARA AT BEED NEAR INTAKE WATER PUMP HOUSE AT DAM, PALIGAON, BEED	MAHARASHTRA	25	32	6.9	7.1	8.2	8.4	333	549	3	5	0.3	0.4	2	4	130	220
1215	MANER U/S WARANGAL	TELANGANA	18	26	5.5	6.2	7.1	8.2	235	422	2	6	0	8.3	48	90	187	250
1158	MANER AT SOMNAPALLI	TELANGANA	26	26	5.5	6	7.9	8.7	340	520	2	20	2	4			40	50
2719	WARDHA D/S OF ERAI HADASTI, CHANDRAPUR	MAHARASHTRA	18	41	6	7	7	8.7	212	1009	5.4	9.2	0	10				
2720	WARDHA U/S OF ERAI RIVER HADASTI, CHANDRAPUR	MAHARASHTRA	18	41	6.2	7.8	7	8.7	211	850	3	6.4	0.1	11				

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2721	WARDHA U/S OF ACC GHUGGUS. , CHANDRAPUR	MAHARASHTRA	16	41	6	7.8	6.6	8.7	247	832	4.4	6.8	0.2	10				
2174	WARDHA D/S OF ACC GHUGGUS	MAHARASHTRA	20	41	6	7.7	6.8	8.7	248	1264	5.6	10	0	11				
2156	WARDHA AT CONFLUENCE POINT OF PENGANGA & WARDHA AT JUAD	MAHARASHTRA	18	40	5.6	7.6	7	8.6	245	944	4	11	0	10				
1212	WARDHA AT RAJURA BRIDGE	MAHARASHTRA	20	41	4.5	7.4	7.2	8.8	311	1832	3.4	12	1.8	12				
1213	WAINGANGA AT BALAGHAT	MADHYA PRADESH	19	24	7	7.8	7.2	8.8	346	1149	1.6	2.6	0	2.3			23	240
1214	WAINGANGA AT CHINDWARA	MADHYA PRADESH	15	30	6.9	7.2	7.5	8	628	916	2.1	2.8	1.3	1.9			0	43
1910	WAINGANGA A/C WITH KANHAN	MAHARASHTRA	17	40	5.2	7.4	6.7	8	364	1345	3.8	10	0.3	12	13	240	48	1600
2173	WAINGANGA U/S OF ELLORA PAPER MILL.	MAHARASHTRA	12	45	5.6	8.5	6.8	8.8	221	606	2.5	6.4	0	3.6	17	170	33	500
2172	WAINGANGA D/S OF ELLORA PAPER MILL.	MAHARASHTRA	12	45	4.6	7	6.8	8	234	668	5	13	0	5.7	22	350	70	900
2175	WAINGANGA U/S OF GAURAV PAPER MILLS, NEAR JACKWELL.	MAHARASHTRA	20	41	6.1	7.8	7	8.7	252	1262	3.6	6.6	0	11				
2176	WAINGANGA D/S OF GAURAV PAPER MILLS, NEAR JACKWELL.	MAHARASHTRA	20	41	5.4	7.3	7	8.7	250	1150	4.6	9.8	0	11				
11	WAINGANGA AT ASHTI	MAHARASHTRA	20	41	6.4	7.7	7	8.7	328	1021	2	6.8	0	10				
3330	WAINGANGA AT CHHAPARA, NEAR W/S INTAKE POINT, JABALPUR	MADHYA PRADESH	19	24	7	7.7	7.4	8.3	262	834	1	3.2	0	1.8	0	6	15	70
3331	WAINGANGA AT CHHAPARA, NEAR ROAD BRIDGE AFTER MIXI	MADHYA PRADESH	19	24	6.3	7.5	7.4	8.4	282	910	1.2	3.2	0	2.1	10	10	15	84
1908	KOLAR B/C TO KANHAN AT KAMPTEE	MAHARASHTRA	25	41	5.6	8.2	7	8.1	274	792	3	9	0.3	3.4	23	500	43	900

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1909	KANHAN D/S OF NAGPUR	MAHARASHTRA	19	42	4.8	8.4	6.5	8	244	1352	4.9	9.8	0.5	6.5	49	280	110	900
2170	KANHAN U/S OF M/S VIDHARBHA PAPER MILL, SINORA	MAHARASHTRA	25	41	5.5	8.1	7	8	255	680	3	9.8	0.4	5.7	11	300	17	900
2171	KANHAN D/S OF M/S VIDHARBHA PAPER MILL, SINORA	MAHARASHTRA	25	41	5.1	8.1	6.7	8	257	644	3.4	16	0.3	6	13	500	26	900
3312	KANHAN AT CHINDWARA BEFORE MIXING BOREGAON GROWTH	MADHYA PRADESH	16	30	6.9	7.2	7.4	8.2	400	840	2.1	3.2	0	1.4	0	0	15	64
1913	PURNA AT DHUPESHWAR	MAHARASHTRA	23	39	5.5	8.5	7	8.2	239	1422	3.2	7.8	0.1	8.6	33	280	110	500
1315	NIRA AT PULGAON COTTON MILL, WARDHA	MAHARASHTRA	22	43	3.1	7.6	6.9	8.1	220	1325	3.5	14	0	6	33	500	120	930
2372	KINNERASANI A/C OF KTPS ASH POND EFFLUENTS, KHAMMAM	TELANGANA	16	26	4	6.5	7.1	8.6	274	498	2	6	0	1.9	15	40	35	130
2673	MANJRA D/S OF LATUR NEAR LATUR-NANDED BRIDGE, BHATKHEDA, LATUR	MAHARASHTRA	19	22	6.9	7.2	7.5	8.3	309	972	3	4	0	0.4	2	4	110	220
2660	DARNA AT CHEHEDI PUMPING STATION, CHEHEDI, NASHIK	MAHARASHTRA	20	33	6.2	7.1	7.1	7.7	147	974	2	5	0	0.1	2	6	80	170
2661	DARNA AT ASWALI (DARNA DAM), LGATPURI, NASHIK	MAHARASHTRA	20	33	6.2	7.5	7	8	177	711	2	5	0	0.1	2	6.1	50	240
2662	DARNA AT MES SITE PUMPING STATION, BHAGUR, NASHIK	MAHARASHTRA	20	33	6.4	7.5	7.2	7.9	166	666	2	6	0	0.2	2	6.8	70	210
2663	DARNA AT BHAGUR PUMPING STATION NEAR PANDHURLI BRIDGE, BHAGUR, NASHIK	MAHARASHTRA	20	33	4.2	7.1	7.3	7.8	129	563	2	6	0	1.2	2	11	50	280
2664	DARNA AT SANSARI , NASHIK	MAHARASHTRA	20	36	5.4	7.5	7.2	8.1	286	508	2	7	0	1.1	2	4	70	220

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2697	PENGANGA NEAR WATER SUPPLY SCHEME OF UMARKHED MC BELKHED, UMARKHED, YAVATMAL	MAHARASHTRA	19	41	6	7.8	7	8.8	249	946	3	8.6	0.1	11				
2698	PENGANGA D/S OF ISAPUR DAM, ISAPUR, PUSAD, YAVATMAL	MAHARASHTRA	19	41	6	7.7	7	8.7	246	1045	3	9	0	10				
2699	PENGANGA AT MEHKAR- BULDANA ROAD BRIDGE, MEHKAR, BULDANA	MAHARASHTRA	20	41	2.5	6.9	7	7.9	290	2438	3	13	0	9.5	10.8	240	46	540
2722	WENA U/S OF MOHATA MILLS, NEAR RAILWAY BRIDGE, HINGANGHAT	MAHARASHTRA	19	42	5.7	7.8	6.9	8	239	1345	3	8.2	0.1	6.3	17	170	33	500
2723	WENA D/S OF MOHATA MILLS, NR RD BRG ON HINGANGHAT- WADNER ROAD	MAHARASHTRA	20	44	4.3	7	6.7	8.2	280	1310	5	14	0.5	6	21	220	63	900

TABLE 15.1:- WATER QUALITY OF RIVER KRISHNA - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1194	KRISHNA AT MAHABALESHWAR DHOM DAM NEAR KOINA DAM	MAHARASHTRA	20	29	4.1	7.2	7.1	8.4	72.2	146	2.1	5.8	0	1.8	2	20	10	50
1153	KRISHNA AT RAJAPUR WEIR	MAHARASHTRA	21	26	4.8	7.4	7.1	8	134	588	2	3.2	0.3	2.9				
36	KRISHNA AT KRISHNA BRIDGE, KARAD	MAHARASHTRA	23	29	2.5	6.82	6.9	8.3	76.3	326	2	8.8	0.1	1.2	8	40	70	1600
1906	KRISHNA D/S ISLAMPUR	MAHARASHTRA	20	30	5.2	7.3	7.1	8	127	775	2	3	0.2	2.2				
37	KRISHNA AT SANGLI	MAHARASHTRA	20	28	5.8	7.1	6.8	7.6	198	780	2	2.6	0.2	2.1				
1310	KRISHNA AT KURUNDWAD IN KOLHAPUR	MAHARASHTRA	21	26	4.2	7	6.8	8	147	719	2	3.4	0.1	2.7				
2187	KRISHNA AT KSHETRA MAHULI	MAHARASHTRA	21	26	2.6	7.2	7.5	8.4	194	707	2.1	14	0.2	3.2	12	250	50	550
2188	KRISHNA AT KRISHNA-VENNA SANGAM AT MAHULI	MAHARASHTRA	22	28	3.4	6.9	7.4	8.5	194	499	2.8	12	0.2	3.3	11	17	95	350
2190	KRISHNA AT WAI	MAHARASHTRA	23	29	3.7	6.9	7.1	8.2	129	468	2	10	0.2	2.3	11	35	70	1800
1182	KRISHNA U/S OF UGARKHURD BARRAGE	KARNATAKA	23	30	6.5	8.4	7.2	8.1	66	1700	0.4	5.6	0.4	13	130	900	170	9000
1889	KRISHNA - ANKALI BRIDGE ALONG CHIKKODI KAGWAD ROAD	KARNATAKA	23	29	5.9	9.2	7.1	8.1	0.2	1620	0.7	5.6	0.5	5.6	50	1100	170	1600
1181	KRISHNA D/S OF NARAYANPURA DAM	KARNATAKA	24	41	4.8	9.9	7.5	8.4	380	950	0.5	3.3	0.4	3	16	900	31	1800
1028	KRISHNA AT TINTINI BRIDGE	KARNATAKA	26	29	7	7.2	7.9	8.7	342	925	2	3	0	0.3	140	600	500	3200

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1170	KRISHNAD/S OF DEVASAGAR BDG.	KARNATAKA	27	32	6.8	8.4	7	8.6	418	1572	2	3.5	0	0.3	240	900	900	1600
2781	KRISHNA D/S OF ALAMATTI DAM	KARNATAKA	24	41	5.1	9.9	7.5	8.4	440	1720	0.4	3	0.4	2.5	16	900	22	1800
1784	THANGADI , MAHABOONNAGAR DIST	TELANGANA	18	28	4	6.6	7.3	8.3	304	804	2	4	0	0.8	9	25	58	200
39	KRISHNA AT GADWAL BRIDGE	TELANGANA	24	27	4.0	6.8	7.5	8.2	306	1270	2	6	0.1	0.8	8	35	68	200
1175	KRISHNA A/C WITH TUNGABHADRA, SANGAMESHWARAM	ANDHRA PRADESH	22	25	4.9	6.6	7.8	8.2	391	901	1	3	0.9	1.6	10	100	400	1600
1465	KRISHNA AT WADAPALLY A/C WITH MUSI (SHIFTED FROM 1220)	TELANGANA	21	27	5.7	8.8	7.4	8.6	420	1821	1.8	4	1.2	30	2	175	30	940
1786	VEDADRI , GUNTUR DIST	ANDHRA PRADESH	24	29	5.8	7.1	6.5	8.6	322	2260	0.5	0.8	0.2	3.7			400	1100
1787	AMARAVATI , GUNTUR DIST	ANDHRA PRADESH	18	22	5.8	7.1	6.2	8.3	361	720	0.5	1	0	1.7	4	4	400	1600
25	KRISHNA AT VIJAYWADA	ANDHRA PRADESH	22	28	6.2	7.2	6.7	8.1	265	960	0.5	0.8	0.3	2.4			400	1400
1782	HAMSALA DEEVI , GUNTUR DIST	ANDHRA PRADESH	22	28	4.2	5.9	7.1	7.9	9730	34700	0.5	1.8	0.2	3.2			800	1700
3083	KRISHNA D/S OF SRISHAILAM, KURNOOL	ANDHRA PRADESH	24	29	5.1	6.5	7.7	8.2	393	936	1	3.2	1.1	1.7	10	100	400	1700

TABLE 15.2:- WATER QUALITY OF TRIBUTARY STREAMS PANCHGANGA AND BHIMA- 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1311	PANCHAGANGA AT ICHALKARANJI	MAHARASHTRA	20	26	4	7.1	7.2	7.9	150	406	2	5.8	0.1	5				
2163	PANCHAGANGA AT SHIROL NEAR SHIROL INTAKE WELL.	MAHARASHTRA	21	26	4.8	7.2	6.8	8	144	784	2	5.2	0.1	3				
1904	PANCHAGANGA U/S OF KOLHAPUR TOWN	MAHARASHTRA	18	26	4.5	7	6.9	8.1	106	485	2	3.2	0.1	2.8				
1905	PANCHAGANGA D/S OF KOLHAPUR TOWN	MAHARASHTRA	19	26	4.7	6.9	6.8	8.1	126	398	2	5.2	0.1	3				
1189	BHIMA U/S VITHALWADI PUNE	MAHARASHTRA	23	29	2.7	6.3	6.9	8.1	246	626	2.9	30	0.2	2.7	25	1600	275	1800
2655	BHIMA AT KOREGAON NEAR KOREGAON BRIDGE, SHIRUR, PUNE	MAHARASHTRA	21	37	2.9	7.1	7.2	8.5	175	733	3.1	9.2	0.2	4.5	2.0	20	6	400
2656	BHIMA -BACKWATER OF UJANI DAM NEAR RAW WATER PUMP HOUSE, KUMBARGAON, INDAPUR, PUNE	MAHARASHTRA	23	30	2.9	6.2	7.2	8.4	182	1497	3.2	8.6	0	6.4	2	2	9	50
1190	BHIMA D/S, OF BUNDGARDEN PUNE	MAHARASHTRA	25	30	0.8	6	6.8	8.1	173	743	3.6	44	0	3.2	14	1800	175	1800
1191	BHIMA AT PARGAON (A/CWITH MULE MARTHA)	MAHARASHTRA	21	30	2.2	6.3	7.1	8.3	179	1890	2.8	18	0	7.9	35	80	225	500
1192	BHIMA A/C WITH DAUNT	MAHARASHTRA	22	30	1.3	6.4	7.1	8.8	143	1875	4.1	22	0	6.7	40	45	500	550
1188	BHIMA AT NARSINGHPUR, (D/S OF A/C WITH NIRA)	MAHARASHTRA	22	30	5.1	6.1	7.7	8.7	563	1700	3	8	0.2	2	11	70	35	550
28	BHIMA AT TAKLI	MAHARASHTRA	22	38	3.9	6.2	7.5	8.5	559	1880	3.2	15	0.3	2.9	8	20	35	550

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1183	BHIMA D/S OF ROAD BRIDGE AT GANGAPUR VILLAGE	KARNATAKA	28	29	5.9	6.9	8.3	8.6	381	715	2.8	3.3	0	0	34	300	130	350
1184	BHIMA D/S FERIZABAD VILLAGE	KARNATAKA	28	29	6	6.9	7.9	8.5	417	738	3.8	4.6	0	0	33	200	40	200
1888	BHIMA AT CONFLUENCE OF JEWARGI TOWN SEWAGE DISPOSAL POINT	KARNATAKA	29	29	5.9	6.8	7.9	8.6	419	729	2.4	4.4	0	0	80	900	170	1600
1167	BHIMA D/S OF BDG. NEAR YADGIR	KARNATAKA	27	33	6.5	7.8	7.8	8.4	268	1817	2	3	0	0.3	240	1500	900	8000

TABLE 15.3:- WATER QUALITY OF TRIBUTARY STREAMS GHATPRABHA, MALPRABHA, TUNGHBHADRA, TUNGHA, BHADRA, MUSI, PALLERU, MUNERU, KAGINA, NAKKAVAGU, HUNDRI, KUNDU & ASANGI NALLA - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1185	GHATPRABHA D/S OF MUDHOL RD. CROSS BDG	KARNATAKA	23	36	5.2	7.9	7.5	8.3	280	1300	0.6	35	0.3	3.6	240	1400	300	1700
1163	GHATPRABHA AT W.A. POINT TO GOKAK TOWN	KARNATAKA	24	29	4.4	9	6.8	7.6	250	1420	0.2	260	0.5	2	170	900	220	1600
1187	MALPRABHA D/S OF KHANAPUR VILLAGE	KARNATAKA	22	31	6.4	8.9	7.1	8.1	130	600	0.3	17	0.2	1.1	30	1000	50	1800
1164	MALPRABHA AT WATER ABSTR. PT. TO HUBLI, DHARWAR	KARNATAKA	26	36	6.7	10.7	7.4	8.5	200	580	0.2	2.9	0	2	80	1700	130	2200
1186	MALPRABHA D/S OF AIHOLE TOWN	KARNATAKA	23	33	5.9	8.9	7.4	8.1	400	1300	1.1	7.9	0	2.8	140	900	280	1600
2764	MALPRABHA AT BADAMI BRIDGE	KARNATAKA	24	30	6.3	8.9	7.3	7.9	370	1800	0.8	7.3	0.1	2.4	500	900	900	1600
38	TUNGHABHADRA AT HONNALI BRIDGE	KARNATAKA	24	31	6	7.6	7.3	7.8	110	400	2	4	0.1	0.3	140	900	350	2400
1029	TUNGHABHADRA AT HARALAHALLI BRIDGE	KARNATAKA	6.3	31	6.3	8.2	7.4	8	128	580	2.3	5	0.1	0.5	100	1300	300	2800
29	TUNGHABHADRA AT ULLANUR	KARNATAKA	24	35	6.7	8.2	7.4	8.4	396	1406	2	2.6	0	0.4	240	1600	900	1600
1785	MANTHRALAYAM , KURNOOL DIST	ANDHRA PRADESH	23	28	5.6	6.4	7.8	8.3	562	1369	1.2	3	1.1	1.9	20	100	400	650
1174	TUNGHABHADRA U/S KURNOOL, BAVAPURAM	ANDHRA PRADESH	23	28	5.4	6.2	7.8	8.2	569	1583	1.3	3.2	1.1	1.7	16	100	460	700
2766	TUNGABHADRA AT NEW BRIDGE	KARNATAKA	24	31	6.2	8.4	7.2	7.8	143	490	2	2.7	0.1	0.3	80	900	240	1600
2767	TUNGABHADRA U/S OF HPF	KARNATAKA	24	31	6.1	8.3	7.2	7.9	132	430	2	3	0.1	0.3	80	1300	230	2200
2768	TUNGABHADRA D/S OF HPF	KARNATAKA	25	33	4.6	7.5	6.8	8	248	1670	4	19	0.3	1.1	900	1700	2200	3500

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2769	TUNGABHADRA AT JACKWELL POINT	KARNATAKA	25	33	4.8	7	7.1	7.9	182	760	2.8	9	0.2	0.8	540	2800	1600	9000
2770	TUNGABHADRA AT HARIHAR WATER SUPPLY INTAKE	KARNATAKA	25	32	5.5	8.9	7.1	8.2	150	850	3	8	0.3	0.7	800	10000	1700	32000
1168	TUNGHA D/S OF SHIMOGA TOWN	KARNATAKA	24	33	6.1	7.4	7.1	8.2	130	430	3	4.3	0.1	0.4	1300	90000	2800	160000
1895	KAGINA D/S OF SEWAGE DISPOSAL POINT	KARNATAKA	25	29	5.9	7	7.8	8.4	336	600	1.7	4.6	0	0	8	900	27	1600
1896	CONFLUENCE POINT OF TUNGA AND BHADRA AT KUDLI	KARNATAKA	23	32	6.2	8	7.3	8.2	167	262	2.2	4	0.1	0.3	700	3000	1400	35000
1091	BHADRA D/S MALLESWARAM OF KIOCL	KARNATAKA	17	29	5.2	6.11	7	8.2	140	720	1	2	0	0.6	220	630	1100	2200
1387	BHADRA D/S OF BHADRAVATHI	KARNATAKA	24	33	4.9	7.6	7	7.8	148	315	2.7	7.8	0.1	0.3	800	6000	2200	18000
1169	BHADRA D/S OF KIOCL ROAD BRIDGE, NEAR HOLEHUNNUR	KARNATAKA	22	35	5.2	8	6.7	8.2	162	310	2.5	5.5	0.1	0.3	700	5500	1400	12500
2765	BHADRA U/S OF MPM,	KARNATAKA	24	30	6	7.9	7	8.2	118	280	2	3	0	0.3	110	300	280	900
2771	BHADRA U/S OF KIOCL	KARNATAKA	16	28	5.3	6.2	7	8.1	120	570	1	2	0	0.3	140	460	920	1700
1172	MUSI U/S HYDERABAD	TELANGANA	24	29	3.5	5.6	7.4	8.3	344	622	2	4	0	4.1	22	135	70	950
1173	MUSI D/S HYDERABAD	TELANGANA	24	29	1	4.2	7	7.9	1056	1602	6.2	34	0	4	95	125	50	1380
2339	MUSI AT NAGOLE, RANGAREDDY	TELANGANA	24	29	1	2	7.1	7.9	1068	1566	6.2	54	0	4.1	45	235	870	2100
3082	MUSI RESERVOIR AT KASANIGUDA, NALGONDA	TELANGANA	21	27	3.5	8	7.2	9.3	185	2535	2	4	0.9	35	10	40	20	870
1178	PALLERU B/C. WITH KRISHNA, JAGGAYAPET	ANDHRA PRADESH	24	27	6.4	7.1	6.5	8.1	467	1440	0.6	2.1	0.3	2.5			400	1100

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1177	MUNERU B/C. WITH KRISHNA, NANDIGAMA	TELANGANA	23	26	6.2	6.8	6.5	7.8	345	731	0.5	0.8	0.3	2.4			400	800
2777	KAGINA AT SHAHABAD BRIDGE	KARNATAKA	26	29	5.9	7	7.9	8.4	332	610	1.9	4.5	0	0	27	1600	35	1600
2349	NAKKAVAGU, BACHUGUDEM, MEDAK	TELANGANA	24	28	2.5	6.5	7.1	8.4	922	2305	2	24	1	59	5	50	42	1000
2350	HUNDRI, JOHARPUR(V), NEAR TEMPLE, KURNOOL	ANDHRA PRADESH	22	29	1.7	2.3	7.7	8.1	2110	3060	0.5	1	2.1	5.3			16	20
2763	ASANGI NALLA AT ASANGI VILLAGE	KARNATAKA	25	37	6	8.1	7.3	8.3	280	2100	0.6	34	0	1.6	110	900	140	1600

TABLE 15.4:- WATER QUALITY OF TRIBUTARY STREAMS NIRA, VENNA, KOYNA, MULA, MULA-MUTHA, MUTHA, PAWANA, INDRAYANI, CHANDRABHAGA, GHOD, SINA, URMUDI & VEL - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2195	NIRA D/S OF JUBILANT ORGANOSIS, PUNE	MAHARASHTRA	24	30	1.1	6	7.1	8.7	142	1645	3	35	0	2.7	40	50	350	425
2682	NIRA U/S OF JUBILANT ORGANOSIS (DATTAGHAT), BARAMATI, PUNE	MAHARASHTRA	24	30	3.5	6.9	7.3	9	119	1012	2.1	25	0.3	1.8	30	95	350	1600
1463	NIRA AT SAROLE BDG.ON PUNE-BANGLORE HIGHWAY	MAHARASHTRA	22	30	1.9	7	7.2	9	87.5	916	2	13	0.2	1.4	20	35	225	350
2681	NIRA AT SANGAVI, PHALTAN, SATARA	MAHARASHTRA	23	30	1.8	5.9	7.6	8.8	293	3630	3.2	20	0.2	2.9	20	35	70	425
2683	NIRA AT SHINDEWADI. SHIRVAL, KHANDALA, SATARA	MAHARASHTRA	21	29	2.7	7.1	6.9	8.2	65.5	475	2	24	0.2	2.6	11	25	50	300
2186	VENNA AT VARYE, SATARA.	MAHARASHTRA	22	28	3.9	7	7.5	8.4	131	970	2.1	6.5	0.2	3.9	7	35	40	175
2716	VENNA AT MAHABALESHWAR, SATARA	MAHARASHTRA	18	24	4.6	7.1	6.8	8	27.5	603	2	4.8	0.2	0.8	5	25	25	900
2717	VENNA AT MAHULI, SATARA	MAHARASHTRA	20	25	4	6.9	7.4	8.4	192	495	2	13	0.2	3.6	5	900	50	1600
2189	KOYNA AT KARAD.	MAHARASHTRA	23	29	2.4	7	7	8.1	74.1	186	2	8.6	0	1.6	12	45	130	1800
2194	MULA AT HARRISON BRIDGE NEAR MULA- PAWANA SANGAM	MAHARASHTRA	20	30	0.6	5.7	6.8	8.1	176	782	3.8	35	0.2	3.4	17	900	130	1800
2193	MULA AT AUNDH BRIDGE, AUNDGAON	MAHARASHTRA	20	30	1.4	6.2	7	8.3	175	1030	3.6	33	0.2	2.7	12	50	170	1600
2192	MULA-MUTHA AT MUNDHAWA BRIDGE	MAHARASHTRA	23	30	0.3	6.3	6.9	8.1	179	699	2.8	22	0.1	3.1	14	425	110	1800
2677	MULA-MUTHA D/S OF THEUR, HAWELI, PUNE	MAHARASHTRA	21	37	2.4	5.8	7.1	8.3	147	807	3.4	14	0.2	11	7	20	40	95
2191	MUTHA AT SANGAM BRIDGE NEAR GANAPATHY GHAT	MAHARASHTRA	25	30	2	5.9	7	8	179	592	3.6	46	0.1	3.8	17	350	130	1800

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2678	MUTHA NEAR VEER SAVARKAR BHAVAN, PUNE	MAHARASHTRA	25	30	0.5	6	7	8	220	590	3.8	43	0.1	8	20	1800	140	1800
2679	MUTHA AT DECCAN BRIDGE, DECCAN, PUNE	MAHARASHTRA	25	37	2.6	5.4	7	8	218	563	6.2	42	0.2	3.4	110	350	1800	1800
2680	MUTHA AT KHADAKVASLA DAM, KHADAKVASLA, HAWELI, PUNE	MAHARASHTRA	22	38	5.5	7.3	7	8.2	78.1	165	2.2	4.2	0	0.6			4	30
2196	PAWANA AT SANGAVIGAON, PUNE	MAHARASHTRA	20	32	0.9	5.9	6.9	8.2	285	754	3.4	24	0.2	2.2	50	350	160	1600
2690	PAWANA AT KASARWADI, HAWELI, PUNE	MAHARASHTRA	22	30	0.5	6.1	7.1	8.3	286	752	3	22	0.2	2.9	65	275	900	1800
2691	PAWANA AT DAPODI BRIDGE AT PAWANA-MULLA SANGAM, DAPODI, HAWELI, PUNE	MAHARASHTRA	22	30	0.8	5.9	7	8.4	281	736	4.4	22	0.2	3.8	80	550	1600	1800
2692	PAWANA AT RAVET WEIR, RAVET, HAWELI, PUNE	MAHARASHTRA	20	32	1.2	6.2	6.7	8.6	133	684	2	16	0.2	2.1			9	20
2693	PAWANA AT CHINCHWADGAON, HAWELI, PUNE	MAHARASHTRA	21	32	1.1	5.9	6.8	8.3	144	699	3.6	20	0.4	2.6	24	110	900	900
2694	PAWANA AT PIMPRIGAON, HAWELI, PUNE	MAHARASHTRA	20	32	0.5	6	7	8.2	273	761	3	22	0.1	3.2	120	120	900	900
2197	INDRAYANID/S OF ALANDIGAON, PUNE	MAHARASHTRA	21	37	0.9	6	7	8.4	128	619	2.8	41	0.1	3.3	35	40	550	900
2668	INDRAYANI AT D/S OF MOSHIGAON, HAWELI, PUNE	MAHARASHTRA	21	28	1.3	6.2	7.2	8.4	196	590	3.2	19	0	3.6	30	35	550	550
2669	INDRAYANI U/S OF MOSHIGAON, HAWELI, PUNE	MAHARASHTRA	21	35	2.6	6.3	7	8.4	189	644	2.8	13	0.2	2.5	20	25	170	550
1911	CHANDRABHAGA U/S OF PANDHARPUR TOWN	MAHARASHTRA	22	38	4.2	6.9	7.7	8.5	560	3270	2.6	7.5	0.2	1.5	7	225	35	1600
1912	CHANDRABHAGA D/S OF PANDHARPUR TOWN	MAHARASHTRA	22	38	1.2	6.2	7.5	8.5	563	1704	3.4	9.5	0.2	1.7	11	275	70	1800

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2665	GHOD AT SHIRUR, PUNE	MAHARASHTRA	22	25	3.8	5.5	7.4	8.6	162	953	4	8.6	0.4	5.4				
2705	SINA NEAR LABOTI TOLL NAKA, LABOTI, MOHAL, SOLAPUR	MAHARASHTRA	22	22	5.7	6.1	7.6	8.1	335	992	3.2	4	0.2	2.8	11	40	35	900
2711	URMODI NAGTHANE, SATARA	MAHARASHTRA	23	27	2.5	6.4	7.1	8.3	162	499	2.5	9.5	0.2	1.7	5	45	30	175
2715	VEL AT SHIKRAPUR, SHIRUR, PUNE	MAHARASHTRA	20	28	0.8	5.2	7.3	8.4	174	1940	4.5	30	0.4	8.3	30	30	350	350
2776	TUNGABHADRA D/S OF GANGAWATHI	KARNATAKA	24	35	6.6	7.4	7.5	8.4	291	1045	2	2.8	0	0.3	240	1200	900	6400

TABLE 16.1:- WATER QUALITY OF RIVER PENNAR& KUNDU - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1255	PENNAR B/CWITH CHITRAVATHI, TADPATRI, UNGANOOR	ANDHRA PRADESH	22	27	3.9	4.8	7.9	8.1	804	1312	0.5	1	1.1	1.7			16	22
1256	PENNAR A/C WITH PAPAGNI, PUSPAGINI	ANDHRA PRADESH	27	32	3.6	6.6	7.6	8.3	643	1620	0.8	1.5	1	1.8	20	100	16	600
1257	PENNAR A/C WITH CHEYYURU, SOMASILE	ANDHRA PRADESH	26	28	5.9	7.1	6.4	8.4	542	1668	0.5	0.8	0	3.8			400	1100
30	PENNAR SIDDVATA, NELLORE	ANDHRA PRADESH	26	32	3.7	6.5	7.4	8.2	637	1380	0.8	1.4	0.9	1.8	22	100	16	500
2351	KUNDU, NANDYAL, NEAR OVER BDG., KURNOOL	ANDHRA PRADESH	22	29	3.7	5.9	7.8	8.2	529	1291	1.5	3.5	0.7	1.9	20	100	500	800

TABLE 17.1:- WATER QUALITY OF RIVER CAUVERY - 2016

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1198	CAUVERY D/S NAPOKULU BDG	KARNATAKA	20	32	5.7	8	6.9	8.5	58	190	0.9	1.8	0	0.4	78	430	91	580
1195	CAUVERY U/SKUSHAL NAGAR (NEAR BAICHANAHALLI)	KARNATAKA	21	32	6.3	8.4	6.8	8.5	72	396	1	2.4	0.1	0.4	110	700	940	1700
33	CAUVERY AT KRS DAM, BALAMURIKSHETRA	KARNATAKA	23	28	5.2	7.8	8	8.5	126	312	1.3	2.6	0.1	0.4	120	630	630	1700
34	CAUVERY AT SATHYAGALAM BRIDGE	KARNATAKA	25	31	5.5	8	7.8	8.5	194	486	1.2	3	0.2	0.9	130	1300	840	3500
1171	CAUVERYD/S SRI RANGAPATTANNA, OF ROAD BDG	KARNATAKA	24	28	4.2	7	7.6	8.5	166	366	2.4	3.6	0.1	0.4	700	2400	3100	6300
1386	CAUVERY D/S OF KAREKUARA VILLAGE	KARNATAKA	23	28	5.2	8.4	7.9	8.5	136	328	1	2.7	0.1	0.4	170	940	200	1700
2773	CAUVERY AT BANNUR BRIDGE	KARNATAKA	20	32	4.8	7.9	7.3	8.5	192	454	1.1	3.3	0.2	1.6	140	2500	680	3100
2774	CAUVERY AT RANGANATHITTU	KARNATAKA	22	27	5.5	8.4	7.8	8.5	140	410	1.1	3	0.1	0.4	92	2400	490	2800
50	CAUVERY AT METTUR	TAMIL NADU	29	32	5.7	8.4	7.5	8.8	475	1000	0.8	3	0	0.8	170	2100	390	3200
1322	CAUVERY AT RN PUDUR	TAMIL NADU	27	33	1.8	7	7.1	8.3	308	684	1.1	5.4	0	0.6	170	2100	400	4600
51	CAUVERY AT PALLIPALAYAM	TAMIL NADU	25	33	5.4	7.5	7.3	8.7	330	855	2.0	6.2	0.2	0.4	210	2200	430	4900
1320	CAUVERY AT ERODE NEAR CHIRAPALAYAM, TAMILNADU	TAMIL NADU	26	34	0.6	7.2	7.1	8.6	290	1140	1.2	6	0	0.5	330	3500	480	9200
1323	CAUVERY AT VELORE NEAR KATTIPALAYAM	TAMIL NADU	25	32	5.7	7.7	7.1	9	350	930	1	2.6	0	0.5	210	1400	400	2200
3015	CAUVERY AT PUGALUR, KARUR	TAMIL NADU	26	28	5.1	7.4	7.3	9.3	320	992	1	2.5	0	0.3	93	940	190	2200
1324	CAUVERY AT MOHANUR NEAR PATTAPALAYAM	TAMIL NADU	25	32	4.5	6.9	7	8.8	415	999	0.6	4.2	0	0.6	170	1700	390	2800
1451	CAUVERY AT THIRUMUKKUDAL CONFLUENCE PT. FOR AMRAVATI	TAMIL NADU	27	30	5.5	7.7	7.8	9.4	330	998	1	2.4	0	0.5	78	940	170	2200

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
31	CAUVERY AT MUSIRI	TAMIL NADU	29	32	5.7	8.4	7.5	8.8	475	1000	0.8	3	0	0.8	170	2100	390	3200
3016	CAUVERY AT PETTAIVAITHALAI, TRICHY	TAMIL NADU	27	30	6.5	8.3	7.8	8.6	540	880	0.4	2.9	0	1.1	170	1400	390	3500
1202	CAUVERY U/S TIRUCHIRAPALLI	TAMIL NADU	27	29	6	8.2	7.8	8.7	345	700	0.5	3.5	0	1	110	3100	260	4600
1325	CAUVERY D/S TIRUCHIRAPALLI	TAMIL NADU	26	28	2.2	7.9	7.3	8.8	420	1500	0.7	9.6	0	1.5	260	49000	380	79000
1203	CAUVERY AT GRAND ANICUT, TRICHY	TAMIL NADU	25	27	3.6	8	7.4	8.8	540	1190	1	6.8	0	1.3	170	9400	340	14000
1206	CAUVERY AT THANJAVUR	TAMIL NADU	25	30	5.4	7.2	7.1	8.9	382	800	0.6	3.6	0	0.8	210	1300	14	1700
	CAUVERY AT MAYILADUTHURAI, NAGAPATTINAM	TAMIL NADU	24	24	8.2	8.2	8.9	8.9	540	540	1.9	1.9	0.3	0.3	1100	1100	1700	1700
3018																		
3012	CAUVERY AT KOMARAPALAYAM, NAMAKAL	TAMIL NADU	26	33	4	7.5	7.1	8.7	369	625	1.1	5.8	0	1.1	220	4600	400	7000
3013	CAUVERY AT URACHIKOTTAI, ERODE	TAMIL NADU	26	36	4.7	8.3	7.2	9	298	535	1.3	4.4	0	0.9	210	1100	430	1700
	CAUVERY AT VAIRAPALAYAM, NAMAKAL	TAMIL NADU	26	33	4.1	8.4	7.1	8.6	299	620	0.9	3.1	0	0.5	170	2100	390	3900
3014																		
	CAUVERY AT KUMBAKONAM, THANJAVU	TAMIL NADU	25	32	5.4	7.4	7.5	8.7	420	715	1.1	2.8	0	0.8	170	1100	390	1700
3017																		
1326	CAUVERY AT COLEROON	TAMIL NADU	28	30	4	7.6	7.2	9.2	29440	47600	1	17	0	0.3	78	790	340	1400
1327	CAUVERY AT PITCHAVARAM	TAMIL NADU	28	30	4.1	8.2	7.2	8.6	857	45400	1.4	16	0	0.2	68	700	210	1200

**TABLE 17.2:- WATER QUALITY OF TRIBUTARY STREAMS YAGACHI, HEMAVATI, SHIMSA, AKRAVATI,
LAKSHMANTIRTHA, KABBANI, BHAVANI, AMRAVATI, KALINGANARAYAN CANAL, SARABANGA, THIRUMANIMUTHAR& VASISTA– 2016**

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
1892	NETRAVATHI U/S OF DHARMASTALA AT WATER SUPPLY INTAKE POINT	KARNATAKA	27	33	6.2	6.7	6.7	7.8	78	136	1	1	0	2.3	13	130	32	350
1893	YAGACHI NEAR PUMPING STATION. HASSAN CITY	KARNATAKA	26	31	4.1	8.2	7.3	8.7	310	900	1	4	0	0.3	210	2100	1100	5400
1199	HEMAVATI D/S OF HOLENARASIPURA TOWN AT RAMADEVALA WEIR	KARNATAKA	25	32	5.1	10.8	7.3	8.2	110	370	1	2	0	0.2	210	940	1100	2800
1200	SHIMSHA D/S OF HIGHWAY BRIDGE, YEDIYAR	KARNATAKA	29	33	5.6	9.2	6.6	8.7	186	481	2	4	0.5	1.7	460	109000	1090	345000
1166	SHIMSHA D/S OF BRIDGE, HALAGUR	KARNATAKA	23	28	2	6.5	8.2	8.5	512	992	2	6.8	0.1	1.1	330	1700	2200	7000
1165	ARKAVATHI D/S OF KANAKAPURA TOWN	KARNATAKA	25	36	1.2	4	7	8.2	1162	1540	6	14	0.7	20	17500	17200000	34500	34800000
2778	ARKAVATHI AT T.G. HALLI RESERVOIR	KARNATAKA	19	31	3.4	7.3	7.4	8.1	986	1414	4	9	1	14	9400	760000	17500	1770000
1196	LAKSHMANTIRTHA D/S OF HUNSUR TOWN	KARNATAKA	20	32	1.5	5.7	7.3	8.4	112	1272	3	9	0.3	2.3	320	2600	1700	8400
2772	LAKSHMANTIRTHA D/S OF KATTEMALAVADI	KARNATAKA	22	32	4	8	7.8	8.5	104	868	1	5.1	0.1	1.1	110	3500	630	4300
1207	KABBANI AT MUTHANKARA	KERALA	26	30	6	7.6	6.8	7.5	47	129	0.3	0.8	0	1.3	32	122	60	140
1197	KABBANI D/S SARAGUR VILLAGE	KARNATAKA	20	30	4.6	7.9	7	8.5	96	536	1	3.9	0.1	0.6	120	460	840	1700
41	KABBANI AT CAUSE WAY SATTUR	KARNATAKA	27	27			6.7	7.5	118	122	1	1	0	0.5	28	34	52	60
1445	KABBANI AT WATER INTAKE OF KIADB AT NANJANGUD	KARNATAKA	20	31	4.6	8	7.9	8.5	110	236	1.1	2.9	0.1	0.4	270	1500	380	2100

station code	Station Name	State Name	Temperature °C		Dissolved oxygen (mg/l)		pH		Conductivity (µmhos/cm)		B.O.D. (mg/l)		Nitrate-N + Nitrite-N (mg/l)		Faecal Coli form (MPN/100ml)		Total Coli form (MPN/100ml)	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max
Water quality criteria					>4 mg/l		6.5-8.5				<3 mg/l				<2500MPN/100ml		<5000MPN/100ml	
2775	KABINI AT BATHING GHAT, NANJANAGUD	KARNATAKA	21	31	3	8.4	7.1	8.5	120	290	2	5.7	0.1	0.5	260	6300	1700	7900
1208	BHAVANI AT ELACHIVAZHY	KERALA	25	32	6.2	9.2	6.2	8.6	47	460	0.4	1.9	0.2	1.7	0	100	0	170
1201	BHAVANI AT PATHIRAKALIAMMAN KOIL	TAMIL NADU	25	27	5	7.6	6.4	7.8	69	490	0.8	2.4	0	1.6	130	790	210	1300
1204	BHAVANI AT SIRUMUGAI	TAMIL NADU	25	27	6	8	6.7	8	96	270	0.5	2	0	1.3	78	1100	170	1700
1321	BHAVANI AT BHAVANI SAGAR	TAMIL NADU	23	34	5.5	7.8	6.9	8.4	140	280	1.2	2.7	0	0.8	68	580	170	1200
1205	BHAVANI AT BHAVANI	TAMIL NADU	26	34	4.8	7.6	7	8.5	310	770	0.4	2.4	0	1.6	130	1200	260	2200
3019	BHAVANI AT D/S OF BHAVANI SAGAR, SATHYAMANGALAM, ERODE	TAMIL NADU	24	33	4.8	7.7	6.8	8.1	145	285	0.7	6.6	0	1.3	120	1100	240	1700
1319	AMRAVATI AT 1KM D/S FROM EFF.DIS. PT. AT MADHUTHUKKULAM	TAMIL NADU	24	27	6.1	8	6.9	8.1	140	630	1	2.2	0	0.7	170	700	400	1100
3020	BHAVANI U/S OF KALINGARAYAN CANAL (B5), ERODE	TAMIL NADU	27	33	4.5	6.7	7.2	8.2	285	540	1	2.4	0	1	460	700	630	1100
3021	BHAVANI D/S OF KALINGARAYAN CANAL (B10), ERODE	TAMIL NADU	27	33	5.9	7.6	7.6	8.5	290	530	0.6	1.7	0	1.1	490	790	840	1400
3024	SARABANGA AT SALEM D/S OF TEXTILE DYING INDUSTRIES EFFLUENT	TAMIL NADU	25	31	3.5	5.4	6.6	8.4	1900	3890	7.8	78	0	2.2	4900	5400000	9400	9400000
3022	THIRUMANIMUTHAR AT SALEM, D/S OF SAGO & TEXTILE DYING INDUSTRIES	TAMIL NADU	25	30			6.2	8.1	2130	2690	11	190	0	2	17000	54000000	26000	92000000
3023	VASISTA AT SALEM, D/S OF SAGO INDUSTRIES EFFLUENT	TAMIL NADU	27	34	2.1	2.1	6.4	8.1	1520	3500	22	675	0	2.7	210000	54000000	320000	92000000