

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Potassium mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as $\text{CaCO}_3$ mg/L	Calcium as $\text{Ca}^{++}$ mg/L	Magnesium as $\text{Mg}^{++}$ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	31	Musiri Ferigate CAUVERY	10.95488 78.44395	6.0 7.8 6.8 7.8 6.8 7.6 7.6 7.6 7.8 7.2 7.7 7.6 7.6 7.4 7.3	7.3	973	<2	0.12	0.18	31	84	3.6	20	204	138	16	2.24	0.84	270	60.0	29	59	21	624	600	8	0.15	<0.002	2	0.92
May					7.2	1358	3	0.85	0.24	-	-	-	<1	6	190	24	<5	<5	160	56.0	5	65	49	902	260	18	0.27	<0.002	23	0.27
June					7.5	545	3	0.37	0.13	-	-	-	<1	10	50	24	<5	<5	140	40.1	10	25	21	328	90	22	0.14	<0.002	6	0.03
July					7.2	564	1.7	0.27	0.97	43	94	-	<1	8	70	16	<5	<5	138	36.1	12	13	16	366	94	12	0.11	<0.002	3	0.12
Aug					6.8	497	1.8	0.24	0.09	46	110	-	<1	6	56	8	<5	<5	128	19.0	12	6	28	304	80	14	0.10	<0.002	7	0.03
Sep					7.4	431	2.8	0.35	0.18	49	130	-	<1	6	49	24	<5	<5	72	11.2	11	20	44	268	96	14	0.46	<0.002	13	<1.0
Oct					7.4	708	2.8	0.28	0.13	<1.8	45	-	2	8	98	16	<5	<5	110	33.7	6	42	58	442	166	10	0.24	<0.002	7	<1.0
Nov					7.6	656	3	0.61	0.23	46	110	-	2	18	84	16	<5	<5	174	36.0	20	40	64	412	166	18	0.40	<0.002	21	<1.0
Dec					7.5	1008	2.5	0.66	0.22	49	130	-	4	20	148	32	<5	<5	296	53.7	39	24	56	658	290	26	0.38	<0.002	11	<1.0
Jan					7.4	837	2.3	0.73	0.31	49	130	-	2	16	101	48	<5	<5	264	93.9	7	64	48	508	210	18	0.29	<0.002	8	<1.00
Feb					7.6	597	<2	0.30	0.11	30	63	-	<2	8	95	16	<5	<5	180	40.9	19	35	36	378	154	12	0.31	<0.002	4	<1.00
Mar					7.6	749	2.6	0.38	0.17	79	140	-	<2	58	103	24	<5	<5	220	38.5	30	49	37	476	212	8	0.38	<0.002	9	<1.0
Avg					7.4	744	2.6	0.43	0.25	47	104	3.6	6	31	99	22	2.24	0.84	179	43.3	17	37	40	472	202	15	0.27	<0.002	10	0.28
April	1201	Badrakali amman kolli BHAVANI	13.64 80.44	6.8 - - 6.5 6.7 6.6 6.4 7.1 6.6 6.3 6.3 5.7 6.4 6.6 6.5	58	<2	0.14	0.00	17	46	4.0	<1	20	8	8	0.84	0.28	21	15.0	6	2	8	50	46	4	0.08	<0.002	1	0.56	
May					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
July					7.1	68	2.0	0.14	0.01	9.2	31	1.7	<1	4	6	8	0.84	0.28	18	5.0	1	4	7	50	56	4	0.09	<0.002	1	0.70
Aug					6.7	189	<2	0.27	0.01	31	110	4.1	<1	56	28	8	1.12	0.56	60	14.0	6	11	12	124	116	32	0.07	<0.002	2	0.52
Sep					6.8	98	<2	0.22	0.01	26	63	<1	<1	48	26	8	1.12	0.56	37	4.4	6	<5	5	80	72	4	0.15	<0.002	1	0.52
Oct					6.0	84	<2	0.24	0.01	33	70	2.8	<1	27	14	8	1.12	0.56	60	19.0	3	<5	4	68	60	4	0.24	<0.002	2	0.50
Nov					6.6	145	<2	0.27	0.02	26	63	2.7	<1	90	13	8	1.12	0.56	48	13.0	4	<5	5	108	92	8	0.25	<0.002	2	0.52
Dec					7.6	1251	<2	0.32	0.04	250	580	2.19	60	320	245	16	2.24	1.12	380	72.0	48	15	15	812	792	16	0.14	<0.002	3	0.51
Jan					6.6	249	2.8	0.37	0.03	26	63	2.19	<1	78	24	24	2.24	1.12	86	15.0	12	<5	17	156	140	8	0.25	<0.002	3	0.52
Feb					6.2	367	<2	0.39	0.03	31	70	1.89	4	140	58	16	2.24	1.12	120	35.0	8	20	19	232	220	8	0.27	<0.002	3	0.47
Mar					6.2	98	<2	0.31	0.04	21	46	1.4	<1	36	11	8	1.12	0.56	32	8.0	3	<5	6.0	72	68	4	0.26	<0.002	1	0.44
Avg					6.6	261	2.4	0.27	0.02	47	114	2.55	32	82	43	11	1.4	0.67	86	20.0	10	10	10	175	166	9	0.18	<0.002	2	0.53

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Month	CPCB Code	Name of River	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	1204	Sirumugai	BAHAVANI	11.34995	77.01143	6.3	7.0	822	<2	0.16	0.01	170	320	3.3	<1	348	52	16	2.8	1.12	340	170.0	170	30	8	520	496	12	0.16	<0.002	2	0.63
May						-	-	-	-	-	-	Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
July						6.6	6.3	64	<2	0.15	0.02	7.8	27	1.6	<1	4	5	8	0.84	0.28	18	5.6	1	2	6	46	40	4	0.09	<0.002	2	0.859
Aug						6.5	6.6	109	2.7	0.29	0.02	26	63	4.3	<1	40	13	8	1.68	0.56	44	8.0	6	4	7	80	76	8	0.06	<0.002	1	0.34
Sep						6.2	6.6	78	<2	0.24	0.02	17	46	1.1	<1	48	26	8	1.12	0.28	21	4.8	2	<5	4	70	62	4	0.12	<0.002	1	0.39
Oct						7.0	6.3	119	<2	0.28	0.02	17	46	1.9	<1	44	9	8	1.12	0.56	24	8.0	1	<5	3	88	80	4	0.20	<0.002	1	0.41
Nov						6.7	6.4	152	<2	0.22	0.02	22	49	1.7	<1	90	12	8	1.12	0.56	50	13.0	4	<5	3	108	100	4	0.21	<0.002	2	0.450
Dec						6.3	6.6	332	<2	0.27	0.02	23	63	2.7	<1	130	16	16	2.24	0.84	100	28.0	7	9	16	216	200	8	0.22	<0.002	3	0.49
Jan						5.6	6.7	258	3.0	0.24	0.02	21	58	1.7	<1	78	23	24	2.24	1.12	84	20.0	8	<5	17	168	148	8	0.23	<0.002	3	0.472
Feb						5.7	6.0	130	2.3	0.29	0.03	14	39	1.6	<1	52	16	8	1.12	0.56	38	9.0	4	<5	18	104	96	4	0.24	<0.002	4	0.533
Mar						6.4	6.9	110	<2	0.31	0.03	22	48	1.4	<1	43	11	8	2.24	1.12	40	8.0	5	<5	7	78	70	4	0.23	<0.002	2	0.522
Avg						6.3	6.5	217	2.7	0.24	0.02	34	76	2.1	<1	88	18	11	1.65	0.7	76	27.4	21	11	9	148	137	6	0.17	<0.002	2	0.51
April	1321	Bhavani Sagar	BAHAVANI	11.485529	77.1346	6.3	7.1	181	1.1	0.23	0.12	21	58	4.1	<1	72	16	8	1.12	0.56	52	11.0	6	6	7	128	116	8	0.27	<0.002	2	0.82
May						6.4	6.1	156	<2	0.17	0.13	14	39	1.9	<1	44	11	8	3.36	1.12	52	12.0	5	2	14	116	104	4	0.31	<0.002	3	0.79
June						6.1	6.7	135	<2	0.26	0.12	26	63	2.8	<1	52	25	8	1.12	0.56	50	9.0	7	8	8	112	104	12	0.25	<0.002	2	0.84
July						6.2	7.0	142	2.1	0.207	0.11	21	58	2.1	<1	56	11	8	1.12	0.56	48	11.0	5	4	8	104	88	4	0.26	<0.002	2	0.81
Aug						6.7	6.1	118	<2	0.31	0.12	17	46	2.7	<1	60	10	8	1.12	0.56	40	8.8	4	4	8	88	80	4	0.20	<0.002	2	0.04
Sep						6.4	7.9	131	<2	0.21	0.02	17	39	2.0	<1	72	13	8	1.12	0.56	30	10.0	1	<5	7	108	100	4	0.21	<0.002	2	0.06
Oct						6.4	6.3	118	<2	0.21	0.02	12	32	1.7	<1	44	15	8	1.12	0.56	40	8.8	5	<5	6	88	80	4	0.12	<0.002	2	0.08
Nov						6.5	6.5	208	<2	0.21	0.03	12	31	2.5	<1	110	14	8	1.12	0.56	52	11.0	6	<5	7	144	136	8	0.13	<0.002	2	0.13
Dec						6.4	6.9	261	2.5	0.26	0.03	31	70	1.89	30	130	21	16	1.12	0.56	70	12.0	9	1	8	164	152	8	0.12	<0.002	1	0.17
Jan						6.2	7.1	274	<2	0.26	0.03	26	63	2.78	6	74	19	16	1.12	0.56	64	16.0	6	<5	17	172	152	8	0.12	<0.002	3	0.16
Feb						6.0	6.8	190	2.9	0.24	0.03	21	48	2.4	<1	66	20	16	1.12	0.56	32	8.0	3	<5	18	132	112	12	0.08	<0.002	3	0.12
Mar						6.2	6.4	174	<2	0.22	0.03	21	46	2.4	<1	74	17	16	2.24	1.12	64	14.0	7	<5	12	136	124	8	0.07	<0.002	3	0.133
Avg						6.3	6.7	174	2.2	0.23	0.06	20	49	2.44	18	71	16	11	1.4	0.65	50	11.0	5	4	10	124	112	7	0.18	<0.002	2	0.35

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April	1205 Bhavani BHAVANI	11.45409 77.67957	6.1 6.0 6.2 6.0 6.8 6.1 6.1 6.2 6.4 6.2 6.2 6.1 6.6 Avg	6.9 7.5 6.7 7.3 8.0 8.1 7.2 6.9 7.6 7.3 6.3 6.3 7.2	496 394 457 439 452 303 560 508 717 630 561 370 491	1.0 <2 <2 <2 <2 1.8 <2 0.29 <2 <2 <2 <2 <2 1.4	0.14 0.13 0.14 0.13 0.19 0.21 0.34 0.29 0.24 0.22 0.27 0.31 0.22	0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.02 0.03 0.03 0.03 0.02	31 38 58 61 43 63 31 31 58 27 33 43 108	84 120 120 150 120 150 70 84 120 79 110 94 2.8	5.1 4.1 4.3 2.4 3.8 3.1 2.2 3.9 2.39 2.36 2.4 2.1 24	20 <1 16 <1 24 24 28 40 20 20 32 20 157	136 112 164 148 144 116 160 170 190 216 192 132 46	52 36 45 40 35 25 52 49 72 54 54 38 13	16 8 16 8 8 8 16 16 16 16 16 16 15	1.68 2.24 2.8 2.24 1.68 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.19	0.84 1.12 1.12 0.84 0.56 1.12 1.12 0.56 1.12 1.12 1.12 1.12 0.98	136 116 190 272 156 41.7 144 188 320 236 184 124 178	26.0 22.0 44.0 48.0 41.7 13 41.6 42.0 60.0 51.0 51.0 34.0 41.1	14 12 19 36 <5 12 10 20 41 26 14 10 18	19 17 18 36 11 15 16 15 43 28 37 31 21	9 32 9 9 18 17 17 15 16 33 37 31 20 21	324 256 296 280 292 276 372 288 462 408 368 248 316 296	12 12 16 8 12 8 4 12 16 12 12 8 10 10	0.13 <0.002 0.13 <0.002 0.13 <0.002 0.08 <0.002 0.08 0.09 <0.002 0.07 <0.002 0.1 <0.002	3 5 2 2 2 3 2 2 1 4 4 7 3	0.33 0.32 0.32 0.33 0.05 0.07 0.05 0.11 0.13 0.15 0.14 0.111 0.17			
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April	1322 R.N. Pudur CAUVERY	11.44566 77.66763	6.2 6.1 - - - 6.8 6.0 6.2 5.1 6.1 6.5 5.1 6.0 6.0	497 400 - - - 481 169 588 491 784 635 7.4 6.3 6.5	<2 <2 - - - <2 2.2 <2 <2 4.6 <2 0.28 4.6 0.28 <2	0.21 0.19 - - - 0.28 0.29 0.30 0.27 0.28 0.31 0.34 0.37 0.37	0.01 0.01 - - - 0.01 0.03 0.02 0.02 0.03 0.03 0.03 0.03 0.03	70 26 - - - 31 70 33 21 33 70 47 31 31	150 63 - - - 110 150 79 63 79 70 94 84 84	4.3 3.6 - - - 4.9 2.2 2.5 2.3 2.16 2.22 2.04 3.7 3.7	12 12 - - - 16 4 32 30 20 24 24 12 12	148 116 - - - 152 72 176 190 190 216 200 140 140	49 30 - - - 38 17 60 48 82 54 62 39 39	16 8 - - - 8 16 16 16 24 16 16 16 16	2.24 2.8 - - - 1.12 2.24 1.12 1.12 2.24 2.24 1.12 2.24 1.12	1.12 0.56 - - - 0.56 1.12 0.56 0.56 1.12 1.12 1.12 0.56 0.56	148 128 - - - 160 42 140 200 270 248 176 128 128	29.0 27.0 - - - 38.5 12.0 40.0 43.0 60.0 46.0 45.0 27.0 27.0	18 15 - - - 16 3 <5 10 33 32 34 34 34	19 17 - - - 20 11 36 31 33 26 36 25 27	16 20 - - - 30 10 9 10 9 36 36 256	328 252 - - - 312 112 384 364 496 412 388 256	12 12 - - - 8 4 8 8 9 8 16 12	0.10 0.09 - - - 0.1 0.12 0.07 0.08 0.09 0.10 0.09 0.08 0.08	4 4 - - - 3 2 2 1 1 4 4 3 3	0.88 0.87 - - - 0.02 0.07 0.07 0.12 0.15 0.16 0.14 0.133				

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April	1320 Vairapalayam	CAUVERY	11.3358 77.75376	5.9 6.0 6.1 6.0 6.7 6.0 6.1 6.1 6.0 6.1 5.9 5.9 5.9 6.2 6.1	5.9	6.9	705	1.3	0.21	0.02	17	46	5.6	24	172	95	24	2.8	1.12	160	36.0	17	45	26	456	424	16	0.11	<0.002	4	0.57
May					6.0	7.4	628	<2	0.19	0.02	14	47	4.7	24	156	70	16	3.36	0.56	166	33.0	20	20	22	404	376	12	0.09	<0.002	4	0.56
June					6.1	6.9	432	<2	0.22	0.02	43	84	5.5	12	144	50	16	2.8	0.84	170	28.0	24	18	24	288	272	20	0.13	<0.002	3	0.58
July					6.0	7.2	448	<2	0.21	0.02	43	120	3.3	<1	140	41	8	2.24	0.84	268	64.0	25	15	22	312	296	8	0.12	<0.002	3	0.58
Aug					6.7	8.0	304	<2	0.31	0.02	26	84	3.7	20	100	27	8	1.68	0.84	104	22.4	12	11	19	204	188	4	0.11	<0.002	3	0.01
Sep					6.0	8.1	321	1.5	0.34	0.03	32	94	4.1	8	108	32	16	1.68	0.56	88	21.0	9	<5	23	208	188	8	0.11	<0.002	3	0.05
Oct					6.1	7.0	922	<2	0.28	0.03	58	120	2.5	24	200	110	16	2.8	1.12	200	48.0	19	24	20	592	564	4	0.07	<0.002	3	0.10
Nov					6.0	7.2	503	<2	0.29	0.02	43	94	3.4	30	170	51	16	1.12	0.56	176	37.0	20	13	22	332	312	12	0.09	<0.002	3	0.13
Dec					6.1	7.7	764	2.1	0.03	0.02	31	84	2.44	10	210	70	16	2.24	0.84	350	64.0	46	40	19	492	472	8	0.1	<0.002	3	0.11
Jan					5.9	7.1	1121	2.2	0.26	0.02	31	63	2.69	10	320	115	24	3.36	1.68	340	60.0	46	9	87	716	696	8	0.12	<0.002	13	0.16
Feb					5.9	7.0	608	<2	0.29	0.03	31	70	2.1	20	192	64	16	2.24	1.12	192	47.0	19	34	85	424	400	16	0.1	<0.002	5	0.128
Mar					6.2	6.4	684	<2	0.31	0.03	32	94	6.4	16	208	90	16	2.24	0.84	176	46.0	15	39	74	456	432	24	0.09	<0.002	12	0.150
Avg					6.1	7.2	620	1.8	0.25	0.02	33	83	3.9	18	177	68	16	2.38	0.91	199	42.2	23	24	37	407	385	12	0.1	<0.002	5	0.26
April	1323 P.Vellur	CAUVERY	11.18 78.01	6.3 - 6.5 6.5 6.5 6.1 6.4 6.2 6.3 6.0 6.1 6.2 6.3 6.3 6.3	6.3	7.9	346	2	0.19	0.04	33	110	7.6	<1	136	40	16	2.24	1.12	148	68.0	80	18	49.8	276	256	16	0.12	<0.002	3	0.11
May					-	-	-	-	-	-	- Due to COVID 19					-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					6.5	6.6	485	<2	0.25	0.05	49	140	3.6	<1	164	65	16	2.24	1.12	156	29.0	20	22	28	316	296	12	0.32	<0.002	4	0.09
July					6.5	7.4	488	<2	0.24	0.05	120	260	3.4	16	152	46	8	2.24	1.12	144	29.0	17	17	28	320	304	8	0.34	<0.002	3	0.08
Aug					6.5	7.6	354	<2	0.38	0.05	140	330	4.2	16	108	31	8	1.12	0.56	112	24.0	13	12	23	240	224	8	0.23	<0.002	3	0.11
Sep					6.1	8.1	390	<2	0.37	0.05	120	250	2.6	24	120	43	16	2.24	1.12	112	22.0	13	4	32	256	232	8	0.22	<0.002	4	0.17
Oct					6.4	7.3	531	<2	0.31	0.05	170	330	1.4	12	132	60	16	2.24	1.12	128	25.0	15	5	30	332	320	8	0.14	<0.002	4	0.16
Nov					6.2	7.4	427	<2	0.34	0.05	120	310	2.5	20	170	41	16	2.24	0.84	180	48.0	15	<5	34	288	272	12	0.15	<0.002	4	0.28
Dec					6.3	7.6	1251	<2	0.32	0.04	250	580	2.2	60	320	245	16	2.24	1.12	380	72.0	48	15	102	812	792	16	0.14	<0.002	5	0.17
Jan					6.0	7.7	599	<2	0.28	0.04	170	320	2.18	28	188	62	16	2.24	1.12	180	53.0	12	34	50	396	384	12	0.13	<0.002	6	0.22
Feb					6.1	6.2	1061	<2	0.31	0.04	210	410	2.8	40	300	160	16	3.36	1.68	320	68.0	36	62	54	712	158	12	0.12	<0.002	6	0.29
Mar					6.3	6.7	641	<2	0.27	0.04	200	380	2.9	8	216	74	16	2.24	1.12	184	38.0	21	38	43	432	412	8	0.12	<0.002	7	0.23
Avg					6.3	7.3	598	2.0	0.30	0.04	144	311	3.22	25	182	79	15	2.24	1.09	186	43.3	26	23	43	398	332	11	0.19	<0.002	4	0.17

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pretreatment Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Baron mg/L	Potassium mg/L	Fluoride mg/L
April	1324	Mohanur CAUVERY	11.06439	78.12036	6.7	8.1	360	1.6	0.15	0.14	38	120	12.8	<1	120	42	16	2.24	1.12	144	64.0	80	21	43	288	272	16	0.19	<0.002	7	0.89
May					-	-	-	-	-	-	Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					6.4	6.6	497	<2	0.21	0.04	33	130	4.0	12	172	65	16	2.24	1.12	152	29.0	19	14	24	324	304	16	0.21	<0.002	3	0.81
July					6.6	7.5	524	<2	0.19	0.04	120	270	2.1	12	164	53	16	2.24	1.12	168	32.0	21	28	23	340	316	8	0.22	<0.002	3	0.76
Aug					6.3	7.4	418	2.4	0.29	0.03	170	390	5.0	24	140	39	16	2.24	0.84	124	27.3	14	4	30	276	260	8	0.15	<0.002	4	0.78
Sep					6.1	8.1	588	<2	0.32	0.04	170	400	1.7	36	172	25	16	2.24	1.12	148	32.0	16	5	50	364	336	4	0.19	<0.002	6	0.76
Oct					6.3	7.2	1286	<2	0.30	0.04	220	490	3.4	30	270	260	24	2.24	1.12	290	44.0	43	<5	134	824	808	16	0.12	<0.002	10	0.72
Nov					6.3	7.3	447	<2	0.31	0.04	140	330	2.7	40	190	33	16	1.12	0.56	160	34.0	18	<5	35	296	280	12	0.11	<0.002	11	0.71
Dec					6.8	7.5	1414	<2	0.29	0.03	310	630	2.62	50	380	220	16	2.24	1.12	410	80.0	51	56	112	904	888	16	0.12	<0.002	6	
Jan					6.0	7.5	1162	<2	0.26	0.04	210	460	2.2	80	310	170	24	3.36	1.68	310	52.0	44	73	100	688	656	16	0.11	<0.002	7	0.55
Feb					6.3	6.2	1059	<2	0.29	0.03	210	430	3.2	50	300	170	16	3.36	1.68	350	64.0	46	63	97	740	716	16	0.11	<0.002	8	0.53
Mar					6.5	6.8	665	<2	0.31	0.04	200	390	3.1	32	208	88	16	2.24	0.56	176	37.0	20	48	68	456	432	8	0.10	<0.002	7	0.500
Avg					6.4	7.3	765	2.0	0.27	0.05	166	367	3.89	37	221	106	17	2.34	1.09	221	45.0	34	35	65	500	479	12	0.15	<0.002	7	0.7
April	1319	Madathukulam AMARAVATHI	1054124	77.36866	6.9	7.6	916	<2	0.57	0.01	25	58	4.7	<1	120	174	16	2.8	1.12	250	180.0	70	37	12	520	496	8	0.16	<0.002	3	0.96
May					-	-	-	-	-	-	Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					6.6	6.6	204	<2	0.53	0.02	17	43	3.1	<1	58	20	8	1.12	0.56	80	18.0	9	4	31	156	144	12	0.26	<0.002	5	0.87
July					6.3	6.9	223	<2	0.53	0.03	14	39	3.7	<1	76	18	8	1.12	0.56	160	23.0	24	4	29	172	160	12	0.26	<0.002	4	0.85
Aug					6.8	6.5	98	<2	0.81	0.03	5.6	14	2.1	<1	36	10	8	1.12	0.56	12	1.6	2	2.0	8	72	64	4	0.24	<0.002	2	0.84
Sep					6.7	7.6	152	<2	0.69	0.02	9.2	21	2.0	16	72	13	8	1.12	0.28	30	4.0	5	3	9	116	104	4	0.24	<0.002	1	0.76
Oct					6.4	7.0	155	<2	0.39	0.03	20	47	2.7	8	60	18	8	1.12	0.56	60	16.0	5	<5	8	104	92	4	0.16	<0.002	1	0.79
Nov					6.0	7.2	253	<2	0.08	0.03	12	31	1.9	4	60	20	8	1.12	0.56	64	16.0	6	<5	9	172	156	4	0.17	<0.002	1	0.75
Dec					6.5	6.5	161	2.1	0.10	0.03	9.3	24	2.8	<1	40	15	16	1.12	0.56	54	14.0	9	<5	7	104	84	4	0.14	<0.002	2	0.56
Jan					6.1	6.8	293	<2	0.13	0.03	21	43	1.9	<1	98	26	16	1.12	0.56	108	25.0	10	<5	18	188	172	8	0.14	<0.002	3	0.62
Feb					6.2	6.5	239	<2	0.30	0.03	11	25	1.7	<1	66	32	8	1.12	0.56	82	23.0	6	<5	14	164	152	4	0.13	<0.002	3	0.61
Mar					6.3	6.3	224	<2	0.31	0.02	9.2	21	2.2	4	84	20	16	1.12	0.56	102	11.0	18	<5	13	176	164	4	0.12	<0.002	2	0.58
Avg					6.4	6.9	265	2.1	0.40	0.03	14	33	2.62	8	70.0	33	11	1.27	0.59	91	30.1	15	10	14	177	163	6.18	0.18	<0.002	2	0.74

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pheophytinase Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
April	1451	Thirumukkudal CAUVERY	11.05002 78.12065		6.9	8.1	802	<2	0.14	0.03	150	340	5.1	<1	180	114	16	2.8	1.12	240	110.0	130	46	60.2	504	480	12	0.35	<0.002	6	0.88
May					-	-	-	-	-	- Due to COVID 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June					6.2	6.5	477	<2	0.46	0.02	68	220	3.8	12	160	90	16	2.8	1.12	68	14.0	8	26	34	324	304	16	0.25	<0.002	2	1.40
July					6.5	7.1	559	<2	0.47	0.03	150	400	4.4	<1	144	54	16	2.8	1.12	148	27.0	19	32	35	364	340	12	0.26	<0.002	3	1.37
Aug					6.9	6.6	427	1.1	0.72	0.02	140	330	2.9	24	144	40	8	1.68	0.84	136	25.0	17	12	10	268	248	8	0.35	<0.002	3	0.79
Sep					6.7	7.7	604	<2	0.56	0.03	170	410	3.2	36	152	78	16	2.24	1.12	120	37.0	7	10	51	392	372	8	0.37	<0.002	5	0.78
Oct					6.3	7.5	620	<2	0.39	0.04	210	390	2.4	32	156	114	16	2.24	1.12	112	36.0	5	35	41	404	392	8	0.23	<0.002	7	0.69
Nov					6.1	7.1	609	<2	0.29	0.04	170	390	4.4	12	168	65	16	3.36	1.68	184	37.0	22	<5	45	400	380	8	0.21	<0.002	6	0.62
Dec					6.2	7.3	1109	<2	0.26	0.04	220	490	2.73	50	290	195	24	3.36	1.68	360	72.0	44	67	126	756	736	8	0.21	<0.002	9	0.61
Jan					6.1	6.8	902	<2	0.28	0.04	230	460	3.12	20	216	104	16	2.24	1.12	280	60.0	32	37	83	580	564	12	0.2	<0.002	8	0.64
Feb					6.0	6.0	1048	2.1	0.27	0.04	170	380	2.7	40	270	175	24	2.24	1.12	280	76.0	22	46	84	712	676	12	0.17	<0.002	9	0.67
Mar					6.4	7.1	794	<2	0.31	0.04	220	490	5.7	24	240	100	16	3.36	1.12	220	40.0	29	57	80	524	500	20	0.15	<0.002	12	0.64
Avg					6.4	7.1	723	1.6	0.38	0.03	173	391	3.68	28	193	103	17	2.65	1.2	195	48.5	30	37	59	475	454	11.3	0.25	<0.002	6	0.83
April	1202	Trichy U/S CAUVERY	1083326 78.71822		6.0	7.6	866	<2	0.01	0.10	31	110	3.7	16	164	134	16	2.24	1.12	200	36.0	27	60	31	556	532	8	0.19	<0.002	3	1.18
May					7.2	7.2	1224	3	0.55	0.16	-	-	-	<1	8	165	64	<5	<5	350	64.0	46	63	45	782	234	16	0.23	<0.002	22	0.03
June					6.8	7.4	539	3	0.33	0.17	-	-	-	4	18	55	16	<5	<5	120	36.0	7	22	20	320	84	26	0.12	<0.002	5	0.03
July					7.6	7.3	554	1.6	0.38	0.16	49	130	-	<1	10	65	8	<5	<5	124	33.7	10	13	14	348	96	16	0.13	<0.002	3	0.16
Aug					7.6	6.6	456	2.8	0.31	0.10	61	140	-	<1	6	44	16	<5	<5	128	23.0	17	16	25	292	86	14	0.09	<0.002	7	0.03
Sep					7.4	7.2	451	2.6	0.33	0.17	68	170	-	<1	8	48	24	<5	<5	78	13.2	11	23	49	276	110	12	0.24	<0.002	12	<1.0
Oct					7.4	7.3	714	2.8	0.44	0.18	<1.8	<1.8	-	4	12	84	16	<5	<5	112	30.5	9	51	28	460	196	16	0.22	<0.002	8	<1.0
Nov					7.7	7.2	593	<2	0.46	0.17	78	210	-	2	16	66	16	<5	<5	176	38.5	19	36	39	382	144	24	0.31	<0.002	7	<1.0
Dec					7.3	7.4	704	2.2	0.47	0.18	93	220	-	2	12	86	16	<5	<5	188	44.9	19	54	42	452	196	14	0.25	<0.002	7	<1.0
Jan					7.6	7.6	891	2.2	0.54	0.24	120	260	-	2	12	117	32	<5	<5	316	91.4	21	60	47	576	238	18	0.29	<0.002	8	<1.00
Feb					7.5	7.8	758	2.2	0.49	0.25	170	310	-	4	20	104	16	<5	<5	292	62.5	33	52	39	490	206	22	0.31	<0.002	8	<1.0
Mar					7.3	7.5	727	2.4	0.36	0.13	170	390	-	<2	66	98	24	<5	<5	248	50.0	30	50	36	466	198	12	0.32	<0.002	8	<1.00
Avg					7.3	7.3	706	2.5	0.39	0.17	93	216	3.7	4.86	29.3	89	22	2.24	1.12	194	43.6	21	42	35	450	193	16.5	0.22	<0.002	8	0.29

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 °C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
April	1325 Trichy D/S	CAUVERY	1076681	78066527	6.0	7.4	896	<2	0.18	0.82	170	380	5.2	36	184	134	16	2.8	1.12	250	44.0	34	56	24	588	568	12	0.39	<0.002	3	0.98
May					7.3	7.2	1262	4	0.55	0.17	-	-	-	2	12	180	40	<5	<5	380	80.2	44	59	46	814	238	22	0.23	<0.002	23	0.24
June					7.6	7.4	586	3	0.30	0.13	-	-	-	2	16	60	24	<5	<5	150	40.1	12	39	21	366	90	22	0.11	<0.002	7	0.02
July					7.7	7.2	542	1.8	0.28	0.13	250	580	-	<1	8	75	16	<5	<5	164	46.5	12	63	15	342	94	14	0.11	<0.002	4	0.1
Aug					7.1	6.6	478	3	0.34	0.13	330	790	-	4	16	43	24	<5	<5	140	26.0	19	22	26	306	90	22	0.14	<0.002	8	0.03
Sep					7.5	7.1	530	2.8	0.14	0.11	430	840	-	4	10	52	16	<5	<5	88	16.8	11	15	58	310	116	18	0.25	0.002	16	<1.0
Oct					6.9	7.2	773	3	0.42	0.15	110	490	-	4	12	96	24	<5	<5	110	35.3	5	44	31	492	210	16	0.22	<0.002	10	<1.0
Nov					7.6	7.2	653	2	0.63	0.24	490	1100	-	4	20	84	24	<5	<5	168	34.5	20	35	36	408	158	24	0.4	<0.002	8	<1.0
Dec					7.4	7.4	799	2.3	0.49	0.20	580	1200	-	4	18	85	24	<5	<5	252	75.0	16	55	45	506	214	30	0.33	<0.002	11	<1.0
Jan					7.8	7.5	996	2.0	0.59	0.33	630	1400	-	6	26	140	40	<5	<5	264	85.0	13	63	52	610	376	22	0.45	<0.002	9	<1.00
Feb					7.3	7.7	867	2.4	0.63	0.24	470	1200	-	6	26	120	24	<5	<5	316	68.9	35	58	46	542	240	26	0.57	<0.002	8	<1.00
Mar					7.4	7.5	776	2.5	0.39	0.18	630	1500	-	2	72	104	24	<5	<5	294	55.3	38	51	74	488	206	14	0.3	<0.002	26	<1.0
Avg					7.3	7.3	763	2.6	0.41	0.24	409	948	5.2	7	35.0	98	25	2.8	1.12	215	50.6	22	47	40	481	217	20.2	0.29	0.002	11	0.27
April	1203 Grand Anicut	CAUVERY	10.83033	78.81177	5.4	7.1	812	3.4	0.14	0.71	46	120	5.4	24	168	118	24	3.92	1.68	200	112.0	19	52	20	516	484	12	0.39	<0.002	4	0.56
May					6.4	7.4	1041	3	0.94	0.28	-	-	-	2	40	175	32	<5	<5	450	72.0	66	60	39	672	380	16	0.25	<0.002	19	0.24
June					7.3	7.8	589	3	0.45	0.16	-	-	-	4	24	85	16	<5	<5	50	8.0	7	38	22	362	86	20	0.17	<0.002	7	0.03
July					6.8	7.2	607	1.6	0.25	0.14	49	110	-	2	16	75	16	<5	<5	140	36.8	12	78	16	380	112	18	0.14	<0.002	4	0.14
Aug					6.8	7.8	506	1.6	0.28	0.14	31	84	-	<1	10	51	8	<5	<5	142	26.0	19	26	27	310	88	18	0.13	<0.002	8	0.02
Sep					7.3	7.4	593	2.2	0.23	0.12	26	70	-	2	6	55	24	<5	<5	86	16.8	16	26	31	368	106	10	0.32	<0.002	10	<1.0
Oct					7.4	7.2	729	2.4	0.29	0.11	78	320	-	2	10	90	16	<5	<5	110	34.1	5	74	29	476	204	8	0.21	<0.002	9	<1.0
Nov					7.9	7.2	608	2	0.59	0.24	23	58	-	4	24	76	16	<5	<5	164	31.3	21	33	35	390	142	22	0.17	<0.002	7	<1.00
Dec					7.6	7.3	697	2	0.32	0.16	23	84	-	<1	8	26	16	<5	<5	212	53.0	19	50	41	452	216	30	0.27	<0.002	8	<1.0
Jan					7.5	7.6	919	2.2	0.41	0.19	27	79	-	2	10	134	32	<5	<5	248	85.0	9	62	50	590	260	20	0.34	<0.002	9	<1.0
Feb					7.5	7.7	801	2	0.32	0.16	26	70	-	4	20	112	24	<5	<5	304	63.3	36	55	58	510	212	16	0.53	<0.002	7	<1.00
Mar					7.3	7.4	755	2.8	0.55	0.23	33	79	-	<2	60	106	24	<5	<5	258	55.3	30	52	35	470	208	16	0.39	<0.002	9	<1.0
Avg					7.1	7.4	721	2.4	0.40	0.22	36	107	5.4	5	33	92	21	3.92	1.68	197	49.5	22	51	34	458	208	17.2	0.27	<0.002	8	0.2

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/l	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/l	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
April	1206	Karunthattankudi	VENNAR	11.34	79.24	6.1	7.2	1136	<2	0.08	0.07	26	63	4.7	36	220	215	16	3.36	1.68	240	28.0	41	23	32	740	712	8	0.14	<0.002	3	0.21
May						7.1	7.4	1316	4	1.10	0.28	-	-	-	4	28	215	40	<5	<5	300	64.0	34	50	44	870	266	28	0.32	<0.002	11	0.29
June						7.2	7.6	546	3	0.43	0.15	-	-	-	4	26	65	24	<5	<5	130	36.1	10	36	20	342	86	24	0.16	<0.002	5	0.03
July						7.0	7.2	671	1.8	0.35	0.14	27	79	-	4	16	60	24	<5	<5	152	33.7	17	12	13	418	126	20	0.15	<0.002	3	0.12
Aug						7.2	7.7	435	2.8	0.34	0.12	32	94	-	4	16	38	24	<5	<5	130	24.0	17	25	23	268	74	16	0.11	<0.002	6	0.03
Sep						7.7	7.3	490	2	0.26	0.13	33	110	-	4	10	53	32	<5	<5	82	15.6	10	24	54	290	108	16	0.22	<0.002	14	<1.0
Oct						7.7	7.3	566	2	0.28	0.11	<1.8	<1.8	-	2	6	60	16	<5	<5	98	21.2	11	24	23	356	128	12	0.16	<0.002	7	<1.0
Nov						7.9	7.5	519	2	0.39	0.20	26	63	-	<2	12	62	16	<5	<5	148	25.7	20	14	36	310	112	26	0.16	<0.002	7	<1.00
Dec						7.5	7.5	664	2	0.42	0.18	33	79	-	4	16	94	24	<5	<5	176	45.7	15	46	39	418	176	28	0.24	<0.002	7	<1.0
Jan						6.2	7.5	916	2.8	0.42	0.16	26	70	-	4	16	124	48	<5	<5	304	88.2	20	62	50	572	240	20	0.41	<0.002	9	<1.00
Feb						7.3	7.6	867	2.4	0.49	0.23	27	72	-	4	22	128	24	<5	<5	304	63.3	36	45	49	518	216	22	0.35	<0.002	9	<1.0
Mar						7.2	7.6	921	2.6	0.70	0.24	33	84	-	2	98	164	24	<5	<5	242	54.5	26	57	52	580	232	16	0.41	<0.002	10	<1.0
Avg						7.2	7.4	754	2.5	0.44	0.17	29	79	4.7	7	41	107	26	3.36	1.68	192	41.7	21	35	36	474	206	19.7	0.24	<0.002	8	0.14
April	3012	Kumarpalayam	CAUVERY	11.4235	77.68526	5.8	6.6	634	<2	0.36	0.02	170	310	6.3	<1	148	71	16	2.8	1.12	156	37.0	16	49	20	408	384	16	4.60	<0.002	3	0.76
May						5.9	7.0	711	<2	0.34	0.02	220	490	3.2	<1	210	74	16	3.36	2.24	220	48.0	24	48	38	480	450	16	3.75	<0.002	6	0.750
June						6.3	7.3	554	<2	0.34	0.02	210	380	5.2	20	156	68	16	3.36	1.68	136	29.0	16	18	21	356	336	24	3.70	<0.002	4	0.750
July						6.4	6.8	455	<2	0.32	0.03	48	220	3.2	<1	128	41	16	2.24	1.12	136	25.0	17	33	23	296	276	8	3.70	<0.002	4	0.732
Aug						5.1	7.1	444	<2	0.32	0.02	120	270	5.3	<1	108	52	16	2.24	0.84	116	24.1	14	12	38	276	356	12	2.89	<0.002	5	0.78
Sep						6.2	7.2	368	<2	0.24	0.49	14	49	2.0	<1	104	40	16	2.24	<2	104	16.0	15	18	29	244	224	12	1.42	<0.002	4	0.27
Oct						6.0	6.8	491	<2	0.24	0.48	58	120	2.7	24	132	60	16	2.24	1.12	108	28.8	9	18	30	316	296	8	0.64	<0.002	4	0.26
Nov						6.4	6.9	424	<2	0.26	0.48	31	63	5.4	20	170	38	16	2.24	1.12	140	28.0	17	12	27	288	272	12	0.63	<0.002	3	0.27
Dec						6.8	7.1	624	<2	0.29	0.40	46	110	1.9	40	250	54	16	3.4	1.7	190	36.0	24	<5	56	392	372	16	0.59	<0.002	7	0.22
Jan						6.0	6.7	670	<2	0.29	0.37	43	94	3.7	4	208	58	16	2.24	1.12	184	33.0	24	18	50	436	416	16	0.61	<0.002	6	0.19
Feb						7.0	6.9	749	<2	0.30	0.36	46	110	1.98	24	196	98	16	3.36	1.68	200	40.0	24	32	48	484	460	8	0.59	<0.002	6	0.21
Mar						6.7	6.9	506	<2	0.29	0.33	63	150	7.4	24	200	48	16	3.36	1.68	280	37.0	46	30	39	364	344	24	0.56	<0.002	4	0.17
Avg						6.2	6.9	553	<2	0.30	0.25	89	197	4.0	22	168	59	16	2.75	1.4	164	31.8	20	26	35	362	349	14.3	1.97	<0.002	5	0.45

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
April	3013 Urrachikottai	CAUVERY	11.35418	77.75044	5.9	7.0	449	1.4	0.19	0.02	94	150	4.5	16	156	39	16	1.12	0.56	148	27.0	19	17	9	296	272	8	0.15	<0.002	4	0.82
May					6.0	7.5	437	<2	0.21	0.01	32	260	3.2	20	140	34	8	2.24	1.12	142	26.0	18	17	30	288	268	8	0.13	<0.002	5	0.848
June					6.0	6.4	428	<2	0.16	0.02	140	380	2.9	12	148	75	16	2.8	1.12	190	32.0	19	18	10	296	276	16	0.14	<0.002	4	0.807
July					6.2	7.2	438	<2	0.13	0.02	130	260	2.7	<1	148	40	8	2.24	0.84	260	48.0	34	13	10	288	268	8	0.15	<0.002	3	0.802
Aug					6.9	7.8	296	<2	0.19	0.02	94	120	2.4	<1	96	24	8	1.68	0.84	90	20.0	10	12	19	188	176	4	0.12	<0.002	3	0.07
Sep					6.1	7.8	140	<2	0.22	0.02	46	110	2.5	20	116	27	8	1.12	0.56	94	24.0	8	<5	17	92	80	4	0.13	<0.002	3	0.13
Oct					6.0	7.4	319	<2	0.31	0.02	33	94	2.0	28	112	38	16	2.24	1.12	88	27.0	5	10	17	220	196	8	0.07	<0.002	2	0.122
Nov					6.4	6.7	403	<2	0.26	0.02	43	79	3.6	30	190	37	16	3.36	1.12	144	32.0	16	9	18	272	252	12	0.08	<0.002	2	0.167
Dec					6.5	7.5	492	<2	0.21	0.02	33	78	1.7	30	150	42	16	2.2	1.1	90	16.0	12	24	14	312	292	8.0	0.1	<0.002	2	0.14
Jan					6.3	7.1	467	<2	0.27	0.02	31	63	3.5	20	184	39	16	2.24	1.12	160	35.0	18	6	24	312	296	16	0.07	<0.002	4	0.161
Feb					6.1	6.2	474	<2	0.31	0.02	27	79	2.9	10	166	46	16	1.12	0.56	120	34.0	9	7	31	316	296	12	0.08	<0.002	4	150
Mar					6.3	7.1	467	<2	0.27	0.02	31	63	3.5	20	184	39	16	2.24	1.12	160	35.0	18	6	24	312	296	16	0.07	<0.002	4	0.161
Avg					6.2	7.1	401	1.4	0.23	0.02	61	145	3.0	21	149	40	13	2.05	0.93	141	29.7	15	13	19	266	247	10	0.11	<0.002	3	12.9
April	3014 Chirampalayam	CAUVERY	11.36158	77.74241	6.0	6.7	488	1	0.39	0.19	33	110	4.7	<1	112	45	16	2.24	1.12	148	27.0	19	14	26	324	304	8	0.3	<0.002	3	0.81
May					6.1	6.9	510	<2	0.37	0.20	68	140	3.5	<1	190	42	16	2.24	1.68	196	46.0	19	14	25	348	328	12	0.31	<0.002	4	0.87
June					6.3	7.3	482	<2	0.37	0.20	38	120	3.1	20	152	46	16	2.8	1.12	132	26.0	17	14	27	308	288	16	0.31	<0.002	3	0.81
July					6.4	6.6	489	<2	0.39	0.19	63	140	2.7	<1	160	50	16	2.24	1.12	148	27.0	19	10	26	316	296	8	0.31	<0.002	4	0.802
Aug					6.6	7.0	326	0.5	0.35	0.20	40	120	4.4	<1	96	34	16	1.12	0.56	92	21.6	9	14	21	220	204	8	0.23	<0.002	3	0.79
Sep					5.9	7.6	318	<2	0.15	0.22	11	46	2.1	<1	94	50	16	1.12	0.56	100	19.0	15	16	22	216	200	8	0.32	<0.002	4	0.94
Oct					6.1	6.9	388	<2	0.16	0.20	46	110	2.2	16	112	46	16	2.24	1.12	96	24.0	9	10	22	248	228	8	0.15	<0.002	3	0.87
Nov					6.1	6.9	394	<2	0.13	0.19	25	58	4.7	40	180	35	8	2.24	1.12	140	32.0	15	9	25	268	248	8	0.16	<0.002	3	0.79
Dec					6.6	7.0	574	2	0.21	0.17	31	70	2.1	40	200	64	16	2.24	1.12	160	32.0	19	<5	53	372	356	8.0	0.15	<0.002	6	0.73
Jan					6.1	6.5	654	<2	0.30	0.17	26	63	1.96	8	192	58	16	2.24	1.12	200	48.0	19	21	47	416	396	8	0.17	<0.002	5	0.71
Feb					6.8	6.9	1062	<2	0.31	0.17	31	84	2.18	70	360	110	24	2.24	1.12	230	52.0	24	53	51	692	660	12	0.18	<0.002	6	0.61
Mar					7.0	6.8	480	<2	0.32	0.17	31	70	3.9	8	192	44	16	2.24	1.12	160	37.0	17	<5	43	320	296	16	0.17	<0.002	4	0.53
Avg					6.3	6.9	514	1.2	0.29	0.19	37	94	3.1	29	170	52	16	2.1	1.07	150	32.6	17	18	32	337	317	10	0.23	<0.002	4	0.77

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity umhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pnenopniam e Alkalinity mmol/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	3015 Pugalur	CAUVERY	10.9745 78.18008	7.0 - 6.1 6.4 6.7 6.6 6.4 6.0 6.3 6.4 6.4 6.3 6.4 4.3 6.1 6.2	7.0	8.0	879	<2	0.135	0.09	140	310	4.4	<1	180	132	16	2.8	1.12	250	130.0	120	52	59	548	528	8	0.03	<0.002	6	0.85
May					-	-	-	-	-	-	- Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June					6.1	6.5	862	<2	0.20	0.06	78	270	5.2	30	190	100	16	2.80	1.68	100	18.0	14	76	27	552	532	16	0.44	<0.002	2	1.36
July					6.4	7.0	863	<2	0.21	0.06	200	470	2.7	<1	224	96	24	3.36	1.68	240	48.0	29	21	25	520	492	8	0.42	<0.002	2	1.309
Aug					6.7	6.3	746	<2	0.32	0.04	220	490	3.4	32	204	70	8	2.80	1.12	148	27.0	19	37	18	456	432	8	0.37	<0.002	3	0.61
Sep					6.6	7.8	886	<2	0.35	0.04	210	430	3.4	40	124	104	16	3.36	1.12	200	36.0	26	11	78	560	536	8	0.36	<0.002	8	0.62
Oct					6.4	7.5	1055	<2	0.35	0.04	210	480	2.4	40	250	250	16	3.36	1.68	220	40.0	29	52	50	676	656	8	0.21	<0.002	7	0.61
Nov					6.0	7.0	667	<2	0.21	0.04	140	330	3.6	16	168	76	16	3.36	1.68	188	40.0	21	23	51	436	416	16	0.22	<0.002	7	0.61
Dec					6.3	7.1	1085	2	0.18	0.03	210	470	2.7	40	360	175	24	3.36	1.68	410	80.0	51	80	117	796	766	16.0	0.24	<0.002	11	0.6
Jan					6.4	7.5	1168	<2	0.18	0.07	210	480	5.20	52	268	225	8	1.68	1.12	320	52.0	46	85	40	744	724	8.0	0.37	<0.002	3	1.47
Feb					4.3	7.7	879	4.20	0.14	0.06	250	580	3.70	24	212	118	32	1.12	0.56	240	64.0	19	51	30	572	532	16	0.38	<0.002	3	1.43
Mar					6.1	6.8	947	2.6	0.19	0.04	250	480	3.7	60	300	120	24	3.36	1.68	270	48.0	36	67	88	644	612	12	0.21	<0.002	10	0.500
Avg					6.2	7.2	912	3.0	0.23	0.05	193	435	3.67	37.1	225	133	18	2.85	1.37	235	53.0	37	50	53	591	566	11.3	0.29	<0.002	6	0.9
April	3016 Pettavaithalai	CAUVERY	10.90639 78.4897	-	-	-	-	-	-	- Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
May					-	-	-	-	-	- Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June					6.0	8.3	609	<2	0.671	0.037	140	320	5	16	196	86	16	3.90	2.24	164	72.0	92	22	63	408	372	4	0.1	<0.002	7	1.2
July					7.2	8.1	526	2	0.150	0.059	NA	NA	NA	2	12	58	8	<5	<5	176	27.0	26	31	22	338	296	28	0.1	<0.002	5	0.3
Aug					6.5	8.6	334	<2	0.614	0.038	110	270	4	8	136	44	16	2.24	1.12	120	52.0	68	15	26	252	236	4	0.1	<0.002	3	1.2
Sep					6.4	7.8	584	<2	0.135	0.008	230	490	9	<1	180	79	16	2.80	1.12	188	104.0	84	38	29	372	348	12	0.3	<0.002	4	1.2
Oct					6.4	7.7	542	3	0.107	0.133	63	220	7	<1	164	68	16	2.80	1.12	164	88.0	76	28	27	356	336	12	0.1	<0.002	3	1.4
Nov					6.3	8.7	364	<2	0.085	0.129	63	140	2.4	16	140	44	16	2.80	1.12	110	24.0	12	15	20	268	252	8.0	0.3	<0.002	2	1.3
Dec					6.8	8.1	604	<2	0.100	0.128	140	330	2.4	12	160	86	8	2.24	1.12	120	24.0	15	38	24	376	360	12.0	0.3	<0.002	4	1.3
Jan					6.4	7.8	664.0	<2	0.08	0.135	70	170	6.10	20	184	80	8	2.24	1.12	204	45.0	22	54	22	428	408	12	0.32	<0.002	4	1.22
Feb					6.3	7.9	884.0	<2	0.06	0.133	94	220	5.10	24	208	122	16	2.24	1.12	280	60.0	32	54	24	564	540	16	0.31	<0.002	4	1.23
Mar					6.1	7.8	795.0	<2	0.09	0.135	63	150	3.40	28	188	96	8	3.36	1.12	220	40.0	29	57	23	520	504	4	0.32	<0.002	3	1.15
Avg					6.4	8.1	591	2.5	0.21	0.09	108	257	4.97	15.8	156.8	76	13	2.74	1.24	175	53.6	46	35	28	388	365	11.2	0.22	<0.002	4	1.15

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

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April	3017	Kumbakonam	CAUVERY	10.96814	79.37825	5.6	7.4	867	2.0	0.01	0.06	32	94	5.6	36	224	116	16	3.36	1.12	240	32.0	39	39	38	556	532	12	0.25	<0.002	3	0.36
May						-	-	-	-	-	-	- Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June						6.9	7.7	511	3	0.43	0.12	-	-	-	2	18	60	24	<5	<5	80	20.0	7	17	19.3	308	80	18	0.13	<0.002	5	0.03
July						6.7	7.1	615	1.4	0.27	0.12	63	120	-	<1	10	80	24	<5	<5	184	47.3	16	82	21	390	116	22	0.14	<0.002	6	0.09
Aug						7.0	7.9	503	2.2	0.26	0.13	33	110	-	2	10	46	16	<5	<5	146	24.0	21	26	27	310	80	20	0.11	<0.002	7	0.03
Sep						7.5	7.4	427	2.4	0.27	0.14	31	84	-	<1	4	38	24	<5	<5	78	12.8	11	15	41	266	82	8	0.22	<0.002	10	<1.0
Oct						7.5	7.3	449	2.2	0.2	0.1	170	700	-	<2	6	45	16	<5	<5	90	16.8	12	16	19	286	114	8	0.08	<0.002	5	<1.0
Nov						7.8	7.4	556	2	0.47	0.22	26	70	-	2	18	72	16	<5	<5	152	27.3	20	32	39	340	122	16	0.29	<0.002	10	<1.00
Dec						7.7	7.5	678	2	0.36	0.18	31	70	-	2	10	45	16	<5	<5	212	48.0	22	38	39	410	174	22	0.22	<0.002	6	<1.0
Jan						6.8	7.5	751	3	0.35	0.15	33	84	-	2	8	93	40	<5	<5	214	65.7	12	55	42	480	212	18	0.3	<0.002	7	<1.0
Feb						6.9	7.6	669	2.8	0.19	0.12	31	84	-	2	10	81	24	<5	<5	294	77.7	24	40	37	408	162	20	0.34	<0.002	6	<1.0
Mar						7.4	7.5	796	24	0.91	0.28	46	110	-	4	72	123	24	<5	<5	260	39.2	39	61	39	492	210	18	0.41	<0.002	10	<1.0
Avg						7.1	7.5	620	4.3	0.34	0.15	50	153	5.6	6.5	35	73	22	3.36	1.12	177	37.3	20	38	33	386	171	16.5	0.23	<0.002	7	0.13
April	3018	Mayiladurai	CAUVERY	11.10489	79.65187	-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
May						7.7	7.5	678	2	0.36	0.18	31	70	-	2	10	45	16	<5	<5	212	48.0	22	38	39	410	174	22	0.22	<0.002	6	<1.0
June						6.8	7.5	751	3	0.35	0.15	33	84	-	2	8	93	40	<5	<5	214	65.7	12	55	42	480	212	18	0.30	<0.002	7	<1.0
July						6.9	7.6	669	2.8	0.19	0.12	31	84	-	2	10	81	24	<5	<5	294	77.7	24	40	37	408	162	20	0.34	<0.002	6	<1.0
Aug						7.4	7.5	796	24	0.91	0.28	46	110	-	4	72	123	24	<5	<5	260	39.2	39	61	39	492	210	18	0.41	<0.002	10	<1.0
Sep						6.0	7.7	6080	<2	0.34	0.14	32	140	3	<1	220	1400	64	3	2	800	200.0	600	178	1080	3884	3812	4	0.46	<0.002	44	0.6
Oct						6.7	7.2	341	<2	0.36	0.02	27	79	4	<1	112	38	16	1	1	128	56.0	72	12	8	228	212	8	0.30	<0.002	1	0.1
Nov						5.9	7.4	428	3	0.37	0.01	23	70	7	8	156	46	24	3	2	136	27.0	17	14	21	304	280	8	0.44	<0.002	2	0.7
Dec						6.1	7.4	628	<2	0.10	0.04	58	120	2	10	170	82	16	2	1	250	48.0	32	19	58	396	376	4	0.07	<0.002	7	0.2
Jan						5.8	7.5	586	3.2	0.38	0.016	58	150	4.4	32	200	56	24	2.2	1.1	188	38.0	22	14	19	376	348	20	0.45	<0.002	2	0.70
Feb						6.1	7.1	701	<2	0.41	0.016	79	170	4.1	28.0	172.0	78	8	1.1	0.6	208	45.0	23	29	23	460	436	12	0.44	<0.002	2	0.69
Mar						-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Avg						6.5	7.4	1166	6.3	0.38	0.1	42	108	4	11	113.0	204	26	2.24	1.17	269	64.5	86	46	137	744	622	13.4	0.34	<0.002	9	0.5

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity umhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pnenoptmann e Alkalinity mol/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids, mg/L	Total Fixed Solids mg/L	Total Suspended Solids, mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	3019	Sathiyamanagalam	BHAVANI	11.50388	77.24704	7.1	7.4	178	<2	0.15	0.18	26	84	3	<1	72	16	8	2.2	1.1	72	36.0	36	1	11	136	120	12	0.04	<0.002	1	0.4
May						6.3	7.0	157	<2	0.19	0.01	43	94	4	<1	96	15	8	2.8	1.1	45	30.0	15	6	10	136	116	8	0.03	<0.002	3	0.2
June						6.2	7.2	175	<2	0.16	0.00	26	84	4	<1	76	20	16	1.7	0.6	74	64.0	10	8	14	128	116	8	0.04	<0.002	3	0.2
July						6.7	7.7	239	<2	0.19	0.01	22	79	5	<1	116	26	16	2.2	0.6	108	64.0	44	9	18	200	188	8	0.05	<0.002	4	0.1
Aug						6.2	6.6	175	<2	0.14	0.01	21	58	3	<1	80	21	8	1.1	0.3	70	64.0	32	4	13	140	128	4	0.03	<0.002	3	0.2
Sep						6.8	7.3	159	<2	0.17	0.01	17	48	6	<1	56	32	8	1.1	0.6	60	38.0	22	8	18	104	96	4	0.06	<0.002	3	0.3
Oct						6.1	6.7	166	<2	0.14	0.00	14	46	8	<1	56	17	8	1.1	0.6	52	40.0	12	<5	16	116	104	12	0.09	<0.002	2	0.3
Nov						6.2	6.8	135	<2	0.14	0.00	17	48	6	<1	64	15	8	2.2	0.6	52	12.0	5	6	15	120	112	8	0.09	<0.002	3	0.3
Dec						6.2	7.2	343	<2	0.15	0.00	17	49	3	8	120	36	16	1.1	0.6	140	30.0	16	19	17	220	204	4	0.09	<0.002	3	0.3
Jan						6.3	7.5	308	<2	0.11	0.022	17	43	7	<1	68	23	8	2.2	1.1	102	24.0	10	7	13	196	176	12	0.10	<0.002	4	0.28
Feb						6.2	6.5	177	<2	0.13	0.023	12	39	3	<1	76	16	8	2.2	0.6	54	14.0	4	8	8	124	112	8	0.11	<0.002	2	0.31
Mar						6.2	6.1	195	<2	0.29	0.02	17	39	1.9	<1	80	19	16	2.2	0.8	62	16.0	5	<5	13	128	116	4	0.08	<0.002	3	0.161
Avg						6.4	7.0	201	<2	0.16	0.02	21	59	5	8	80	21	11	1.9	0.7	74	36.0	18	8	14	146	132	7.67	0.07	<0.002	3	0.25
April	3020	Kalingalrayan Canal (B5)	BHAVANI	11.44282	77.67605	6.0	6.9	500	1.0	0.26	0.01	43	94	4.9	16	144	51	16	2.8	1.12	136	30.0	15	18	10	324	304	8	0.03	<0.002	4	0.35
May						6.2	7.5	386	<2	0.24	0.008	31	84	3.2	<1	108	37	8	2.24	0.84	126	27.0	14	18	18	260	240	8	0.12	<0.002	3	0.35
June						-	-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
July						-	-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aug						-	-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Sep						6.0	7.9	177	2	0.18	0.019	31	70	2.4	8	72	16	16	1.68	0.56	46	12.0	4	<5	9	116	96	8	0.12	<0.002	2	0.05
Oct						6.5	7.1	581	<2	0.24	0.03	23	63	2.1	24	160	52	16	1.12	0.56	164	41.0	15	36	9	372	348	4	0.10	<0.002	2	0.11
Nov						6.3	7.1	481	<2	0.31	0.03	23	58	2.6	30	180	47	16	2.24	1.12	180	45.0	17	34	9	324	304	8	0.10	<0.002	1	0.13
Dec						6.5	7.6	767	<2	0.248	0.025	31	84	2.4	30	180	64	16	2.24	0.56	340	68.0	41	44	9	496	480	8	0.10	<0.002	1	0.11
Jan						6.0	7.4	628	<2	0.31	0.02	17	48	1.8	16	196	52	16	2.24	0.56	220	52.0	21	25	34	408	384	8	0.12	<0.002	4	0.13
Feb						6.2	6.2	579	<2	0.29	0.03	46	94	2.7	24	204	56	16	2.24	1.12	192	53.0	15	13	35	388	368	8	0.10	<0.002	4	0.16
Mar						6.3	6.6	376	<2	0.22	0.06	70	150	4.4	12	128	37	16	2.24	1.12	132	35.0	11	<5	32	248	228	20	0.12	<0.002	5	0.13
Avg						6.2	7.1	497	1.5	0.26	0.03	35	83	2.9	20	152	46	15	2.12	0.84	171	40.3	17	27	18	326	306	8.89	0.1	<0.002	3	0.17

## **Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pheophytinase Alkalinity mg/l	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as $\text{CaCO}_3$ mg/L	Calcium as $\text{Ca}^{++}$ mg/L	Magnesium as $\text{Mg}^{++}$ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
April	3021	Thirumanimuthar (River)	Kalingalrayan Canal (B10)	7768146	BHAWANI	6.0	7.2	512	<2	0.264	0.01	84	170	6.2	8	136	52	16	2.8	1.12	140	30.0	16	42	20	332	308	220	16	0.15	<0.002	4	0.340
May						6.2	7.6	389	<2	0.250	0.02	120	270	5.6	<1	116	35	8	2.24	0.56	120	27.0	13	18	20	244	220	16	0.16	<0.002	4	0.27	
June						-	-	-	-	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
July						-	-	-	-	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Aug						6.3	8.0	473	<2	0.259	0.02	84	170	4.9	20	160	36	8	2.8	1.12	160	38.5	16	10	28	308	284	8	0.12	<0.002	3	0.02	
Sep						6.0	8.1	171	<2	0.238	0.02	120	260	2.7	8	68	13	8	1.68	0.84	56	14.0	5	<5	9.7	112	100	8	0.18	<0.002	2	0.050	
Oct						6.4	7.5	632	<2	0.31	0.02	58	120	3.1	16	160	66	16	2.24	1.12	140	38.0	11	26	9	404	376	8	0.12	<0.002	2	0.083	
Nov						6.2	7.1	487	<2	0.24	0.03	46	110	2.1	50	170	47	16	2.24	1.12	184	40.0	20	29	9	324	304	16	0.11	<0.002	2	0.144	
Dec						6.0	7.7	800	2.5	0.324	0.026	79	130	2.4	40	210	86	24	3.36	1.68	340	72.0	38	43	10	520	500	16	0.12	<0.002	2	0.17	
Jan						6.0	7.5	663	<2	0.270	0.03	43	84	2.5	16	208	68	24	2.24	1.12	224	49.0	24	24	41	436	408	16	0.120	<0.002	4	0.150	
Feb						5.8	6.4	579	2.2	0.292	0.04	140	220	2.2	32	200	60	24	2.24	1.12	200	51.0	18	30	37	388	360	16	0.1	<0.002	5	0.128	
Mar						6.4	6.6	389	<2	0.389	0.04	130	320	2.3	3.6	16	140	39	16	3.36	1.68	140.0	34	14	<5	33	260	236	12	<0.002	3	0.2	
Avg						6.1	7.4	510	2.4	0.29	0.02	90	185	3.4	22	144	60	18	3.78	1.32	157	50.0	19	26	20	310	312	35.6	1.32	<0.002	3	0.15	
April	3022	Thirumanimuthar (River)	Thirumanimuthar (River)	78.12034	11.64588	0.8	7.6	1834	12	0.085	0.177	310	700	28	20	540	285	88	4.48	2.24	420	160.0	260	69	206	1164	1084	40	5.088	<0.002	17	1.78	
May						0	7.5	1884	25	0.335	0.817	490	1300	4	12	310	240	128	4.48	2.24	330	44.0	53	46	200	1208	1108	40	4.52	<0.002	12	1.56	
June						1.1	6.8	4450	27	0.285	0.818	430	840	18	70	380	315	96	8.96	4.48	348	58.0	50	15	239	2612	2524	36	4.50	<0.002	4	1.60	
July						6.0	7.2	1005	<2	0.171	0.817	490	1100	3	<1	188	116	16	2.24	1.12	280	56.0	34	113	228	724	700	12	0.138	<0.002	3	1.465	
Aug						0.0	7.7	2370	54	0.4	0.81	840	1700	32	12	620	335	288	8.96	4.48	472	69.0	73	28	214	1480	1444	72	5.59	<0.002	20	0.22	
Sep						0.0	8.1	2390	20	0.29	0.05	840	2100	36	88	472	370	112	4.48	2.24	350	112.0	17	31	265	1584	1464	40	4.06	<0.002	21	0.24	
Oct						1.6	7.0	1615	4.2	0.1	0.01	790	1400	4	30	450	250	24	3.36	1.12	450	60.0	73	75	169	1044	1012	8	0.05	<0.002	12	0.24	
Nov						6.0	7.1	1406	<2	0.130	0.01	250	580	4	50	380	180	16	2.24	1.12	420	60.0	66	57	187	936	908	12	0.06	<0.002	15	0.26	
Dec						6.5	7.1	1830	<2	0.108	0.025	330	700	2	80	530	355	24	3.36	1.68	570	88.0	85	47	144	1188	1160	28	0.15	<0.002	13	0.23	
Jan						6.0	6.9	305	<2	0.24	0.02	31	70	2	4	88	24	16	1.12	0.56	156	11.0	31	<5	16	184	168	8	0.09	<0.002	3	0.150	
Feb						0.0	6.7	2310	26	0.129	0.03	630	1200	2	10	570	330	120	4.48	2.24	690	168.0	66	98	163	1484	1388	32	0.14	<0.002	15	0.22	
Mar						6.0	6.7	2270	2.6	0.162	0.03	330	790	16	60	470	335	24	4.48	2.24	540	68.0	90	65	171	1556	1524	56	0.13	<0.002	20	0.200	
Avg						3.3	7.2	1972	21.4	0.2	0.3	480	1040	13	40	416.5	261	79	4.39	2.15	419	79.5	75	59	184	1264	1207	32	2.04	<0.002	13	0.68	

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April	3023	THULUKANUR	Vasista River	11.64785	78.13813	Nil	7.1	1504	16	0.10	0.01	130	280	22	<1	550	230	88	11	6	412	156.0	256	4	112	1088	996	56	2.8	<0.002	52	0.9
May						-	-	-	-	No	Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June						Nil	7.1	2370	200	0.100	0.01	33000	70000	36	30	740	335	528	26	15	520	250.0	270	12	223	1596	1412	44	6.1	<0.002	51	2.1
July						Nil	6.3	2960	500	0.721	0.09	17000	34000	262	<1	568	430	2086	31	21	690	200.0	490	34	233	1932	1392	296	5.6	<0.002	96	1.9
Aug						0.4	7.2	1701	15	0.114	0.02	14000	26000	36	<1	530	250	120	9	4	500	220.0	280	15	148	1104	984	40	6.0	<0.002	37	2.0
Sep						Nil	7.7	1391	30	0.171	0.03	11000	22000	41	<1	450	210	256	8	4	370	140.0	230	44	114	956	792	52	4.7	<0.002	30	2.0
Oct						6.5	7.2	6090	<2	0.057	0.58	2	6	12	3<1	440	2220	32	3	2	2160	660.0	1500	114	462	4416	4376	36	0.2	<0.002	13	0.5
Nov						6.9	7.8	7560	<2	0.078	0.56	2	4	2	<1	460	2524	64	2	1	2450	360.0	376	246	412	5032	4956	4	0.1	<0.002	12	0.4
Dec						Nil	6.8	2460	15	0.178	0.03	3300	7900	32	<1	140	500	96	11	6	700	80.0	121	26	151	1580	1464	56	4.8	<0.002	13	1.6
Jan						Nil	7.6	2390	29	0.19	0.022	3100	7000	19	<1	140	500	136	3.36	2.24	640	104.0	92	10	113	1492	1396	36	4.74	<0.002	11	1.59
Feb						-	-	-	-	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mar						-	-	-	-	No Flow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Avg						4.6	7.2	3158	115	0.19	0.15	9059	18577	51	30	446.4	800	378	11.7	6.75	938	241.1	402	56	219	2133	1974	68.9	3.9	<0.002	35	1.44
April	1159	Papanasam	TAMIRAPARANI	8.66329	77.42222	5.4	7.4	46.3	2.15	<0.02	<0.02	<1.8	<1.8	2.32	<1.0	4	8	16	<0.56	<0.28	4	0.8	<2.0	<0.1	<0.1	28	26	2	<0.15	<0.002	0	<0.01
May						-	-	-	-	-	-	Due to COVID 19				-	-	-	-	-	-	-	-	-	-	-	-	-	-			
June						6.8	6.4	40.3	2.15	<0.02	<0.02	<1.8	1.8	0.49	<0.1	14	10	8	<0.56	<0.28	24	6.4	3	<0.1	<0.1	20	16	4	<0.15	<0.002	2	<0.01
July						6.7	7.4	43.3	<2.0	<0.02	<0.02	<1.8	1.8	1.08	<1.0	2	14	8	<0.56	<0.28	20	6.4	3	<0.1	<0.1	24	22	2	<0.15	<0.002	1	<0.01
Aug						6.3	7.6	50.5	2.45	0.15	0.1	<1.8	<1.8	1.25	<1.0	4	12	16	<0.56	<0.28	10	2.4	<2.0	<0.1	<0.1	30	26	4	<0.15	<0.002	1	<0.01
Sep						6.1	7.2	25.6	2.48	<0.02	<0.02	1.8	3.7	0.71	<1.0	4	16	8	<0.56	<0.28	2	0.4	<2.0	<0.1	<0.1	16	8	8	<0.15	<0.002	0	<0.01
Oct						6.4	6.7	38.3	2.45	<0.02	0.25	<1.8	<1.8	0.88	<1.0	4	12	8	<0.56	<0.28	12	2.4	<2.0	<0.1	<0.1	24	22	2	<0.15	<0.002	1	<0.01
Nov						6.7	7.4	49.2	2.4	<0.00	<0.02	1.8	5.8	1.23	<1.0	2	22	8	<0.56	<0.28	20	4.8	<2.0	<0.1	<0.1	30	26	4	<0.15	<0.00	2	<0.01
Dec						7.5	7.6	88.9	2.3	<0.02	0.23	1.8	6.1	2.18	<1.0	4	18	8	<0.56	<0.28	26	8.0	<2.0	0.3	<0.1	54	34	20	0.21	<0.002	<0.1	<0.01
Jan						7.0	7.6	59.7	2.35	<0.02	0.17	<1.8	1.8	0.44	<1.0	4	22	4	<0.56	<0.28	2	0.8	<0.1	2.48	<0.1	36	34	2	<0.15	<0.00	<0.1	<0.01
Feb						7.8	7.6	50.3	2.45	<0.02	0.64	<1.8	1.8	0.53	<1.0	24	14	8	<0.56	<0.28	2	0.8	<0.1	4.55	<0.1	18	12	12	<0.15	<0.003	30	<0.01
Mar						6.7	6.4	45.3	2.37	<0.02	0.04	<1.8	1.8	0.21	<1.0	20	26	4	<0.56	<0.28	10	4.0	<0.1	<2.0	0.4	28	16	12	<0.15	<0.00	0	<0.01
Avg						6.7	7.2	49	2.4	0.15	0.24	2	3	1.03	<1.0	7.8	16	9	<0.56	<0.28	12	3.4	3	2	0	28	22	6.55	0.21	<0.002	4	<0.01

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pheophytinase Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	1160	Cheranmaadevi TAMIRAPARANI	8.70059	77.56595	6.0	7.6	80.8	2.45	<0.02	<0.02	9.1	32	4.53	<1.0	6	18	24	0.56	<0.28	24	8.0	<2.0	0.4	0.6	50	44	6	<0.15	<0.002	2	<0.01
May					-	-	-	-	-	-	- Due to COVID 19 -		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					6.4	6.2	50.1	2.65	<0.02	<0.02	4	17	2.98	<1.0	2	14	24	<0.56	<0.28	40	11.2	2	<0.1	0.1	30	24	6	<0.15	<0.002	3	<0.01
July					6.5	7.5	48.6	<2.0	<0.02	<0.02	4	15	2.38	<1.0	4	15	16	<0.56	<0.28	34	11.2	3	<0.1	0.1	26	22	4	<0.15	<0.002	1	<0.01
Aug					6.4	7.1	49.7	2.25	0.11	0.12	1.8	6	1.49	<1.0	8	12	16	<0.56	<0.28	20	6.0	<2.0	<0.1	0.1	30	18	12	<0.15	<0.002	2	<0.01
Sep					5.9	7.3	57	2.68	<0.02	<0.02	5.5	32	1.03	<1.0	8	16	16	<0.56	<0.28	8	2.4	<2.0	0.1	0.1	34	12	22	0.33	<0.002	0	<0.01
Oct					6.4	7.3	143.7	2.25	<0.02	0.58	1.8	6	1.38	<1.0	8	26	24	<0.56	<0.28	52	13.6	7	<0.1	<0.1	86	82	4	<0.15	<0.002	4	<0.01
Nov					6.4	7.6	177	2.7	<0.02	<0.02	17	62	4.68	<1.0	2	48	24	<0.56	<0.28	40	11.2	20	3.7	0.9	110	104	6	<0.15	<0.002	3	<0.01
Dec					6.6	7.7	274	2.9	0.54	0.12	20	58	3.08	<1.0	20	72	32	1.12	<0.28	82	23.3	13	0.8	<0.1	166	122	44	0.32	<0.002	<0.1	<0.01
Jan					7.0	7.9	140.5	2.45	<0.02	0.59	11	38	0.79	<1.0	8	36	16	1.12	<0.28	4	1.6	<0.1	9.6	<0.1	86	80	6	<0.15	<0.002	<0.1	<0.01
Feb					7.7	7.6	87.6	2.45	<0.02	0.13	1.8	25	0.55	<1.0	56	26	24	<0.56	<0.28	10	2.4	1	3.0	<0.1	60	36	24	<0.15	<0.002	<0.1	<0.01
Mar					6.6	7.4	74	2.37	<0.02	<0.02	1.8	10	0.76	<1.0	44	28	8	<0.56	<0.28	20	6.4	1	6.6	3	48	24	24	<0.15	<0.002	<0.1	<0.01
Avg					6.5	7.4	108	2.5	0.33	0.31	7	27	2.15	<1.0	15.1	28	20	0.93	<0.28	30	8.9	7	3	1	66	52	14.4	0.33	<0.002	2	<0.01
April	1161	Kokirakulam TAMIRAPARANI	8.73413	77.71676	7.0	7.4	117.2	2.25	<0.02	<0.02	32	94	5.76	<1.0	6	18	24	1.68	<0.28	24	8.0	4	1.2	0.2	70	64	6	<0.15	<0.002	1	<0.01
May									- Due to COVID 19 -																						
June					6.0	6.5	83.4	2.95	<0.02	<0.02	12	47	2.14	<1.0	6	12	40	<0.56	<0.28	56	14.4	3	<0.1	0.5	50	42	8	<0.15	<0.002	5	<0.01
July					6.4	7.3	98.8	2.45	<0.02	<0.02	21	63	4.6	<1.0	6	18	24	<0.56	<0.28	48	14.4	5	<0.1	0.2	56	48	8	<0.15	<0.002	3	<0.01
Aug					6.2	8.0	87.5	2.55	<0.02	0.12	17	58	1.97	<1.0	8	16	16	<0.56	<0.28	34	12.0	<2.0	<0.1	0.3	52	36	16	<0.15	<0.002	1	<0.01
Sep					7.0	7.4	90.3	2.88	<0.02	0.12	17	70	3.02	<1.0	4	18	16	<0.56	<0.28	8	2.4	<2.0	0.3	0.2	54	30	24	0.4	<0.002	0	<0.01
Oct					7.0	7.0	162.1	2.15	<0.02	<0.02	17	58	1.78	<1.0	8	30	32	<0.56	<0.28	60	15.2	9	<0.1	0.2	94	88	6	<0.15	<0.002	5	<0.01
Nov					6.2	7.7	220	2.8	<0.02	<0.02	39	170	4.71	<1.0	10	36	24	<0.56	<0.28	76	24.0	13	<0.1	1.8	138	132	6	<0.15	<0.002	4	<0.01
Dec					6.6	7.9	210	2.7	0.41	0.04	70	220	2.05	<1.0	8	40	24	1.68	0.28	92	32.1	12	0.9	<0.1	132	110	22	0.4	<0.002	<0.1	<0.01
Jan					6.8	7.8	210	2.35	<0.02	0.82	17	58	0.35	<1.0	12	48	16	1.12	<0.28	56	16.0	4	11.2	<0.1	130	118	12	<0.15	<0.002	<0.1	<0.01
Feb					6.4	7.6	117.9	2.55	<0.02	0.34	3.6	46	0.89	<1.0	84	26	56	<0.56	<0.28	12	4.0	0	<2.00	<0.1	72	42	30	<0.15	<0.002	<0.1	<0.01
Mar					6.4	7.6	93	2.37	0.15	0.08	11	48	0.54	<1.0	60	24	16	<0.56	<0.28	40	9.2	4	6	3.9	56	26	30	<0.15	<0.002	<0.1	<0.01
Avg					6.5	7.5	135	2.5	0.28	0.25	23	85	2.53	<1.0	19.3	26	26	1.49	0.28	46	13.8	6	4	1	82	67	15.3	0.4	<0.002	3	<0.01

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	1162	Murapanadu	TAMIRAPARANI	8.72161	77.8328	7.4	7.9	974	2.65	0.28	<0.02	21	84	0.67	12	28	118	40	3.92	0.56	176	48.1	14	110	182	588	586	2	<0.15	<0.002	7	<0.01
May						- Due to COVID 19 -																										
June						6.8	7.2	105.7	2.25	<0.02	<0.02	23	70	1.02	<1.0	4	24	32	<0.56	<0.28	60	16.0	5	3.8	0.6	64	58	6	<0.15	<0.002	1	<0.01
July						7.0	7.2	110.2	2.05	<0.02	<0.02	17	70	4.18	<1.0	4	30	24	<0.56	<0.28	50	12.0	5	7.9	<0.1	66	62	4	<0.15	<0.002	0	<0.01
Aug						8.0	7.5	104.6	2.1	<0.02	<0.02	21	70	0.67	<1.0	12	20	24	<0.56	<0.28	42	12.8	2	10	0.2	62	56	6	<0.15	<0.002	1	<0.01
Sep						7.0	7.7	130	8.88	<0.02	<0.02	32	94	0.62	<1.0	8	24	24	<0.56	<0.28	16	4.8	1	<2.0	0.3	78	72	6	0.15	<0.002	1	<0.01
Oct						7.2	7.8	862	2.75	<0.02	<0.02	40	110	2.32	<1.0	32	105	32	<0.56	<0.28	150	32.1	17	103	138	540	534	6	<0.15	<0.002	6	<0.01
Nov						6.7	7.5	106	2.6	<0.02	<0.02	25	220	1.44	<1.0	6	24	24	<0.56	<0.28	52	16.0	3	3.2	<0.1	66	60	6	<0.15	<0.002	<0.1	<0.01
Dec						7.0	7.7	371	2.55	0.33	0.23	70	220	1.33	<1.0	12	80	24	1.12	<0.28	106	1.5	5	14	0.6	222	220	2	0.51	<0.002	<0.1	<0.01
Jan						7.0	8.0	420	2.45	0.04	<0.02	17	63	0.54	<1.0	12	72	32	<0.56	<0.28	88	28.1	4	18	0.6	252	228	24	<0.15	<0.002	<0.1	<0.01
Feb						7.3	7.7	321	2.45	0.07	0.05	12	84	2.93	<1.0	160	58	56	<0.56	<0.28	66	24.0	2	15	0.6	192	162	30	<0.15	<0.002	<0.1	<0.01
Mar						7.6	7.4	187	2.45	0.05	0.03	21	70	0.64	<1.0	56	40	32	<0.56	<0.28	80	19.0	8	12	8	112	108	4	<0.15	<0.002	2	<0.01
Avg						7.2	7.6	336	3.0	0.15	0.1	27	105	1.49	12	30.4	54	31	2.52	0.56	81	19.5	6	30	37	204	195	8.73	0.33	<0.002	2	<0.01
April	1328	Thiruvillardimurudur	TAMIRAPARANI	8.758861	77.4246	5.3	7.6	75.3	2.15	<0.02	<0.00	6.1	20	3.23	<1.0	6	12	16	<0.56	<0.28	20	4.8	<2.0	0.2	0.6	46	42	4	<0.15	<0.002	2	<0.01
May						- Due to COVID 19 -																										
June						6.6	6.2	39.6	2.35	<0.02	<0.02	1.8	8.2	0.34	<0.1	4	14	16	<0.56	<0.28	36	12.8	<2.0	0.1	<0.1	26	18	8	<0.15	<0.002	1	<0.01
July						6.8	7.7	46.1	<2.0	<0.02	<0.02	1.8	6	1.87	<1.0	6	19	16	<0.56	<0.28	36	12.8	4	<0.1	<0.1	26	24	2	<0.15	<0.002	1	<0.01
Aug						6.0	7.0	39.1	2.35	<0.02	0.19	<1.8	3.6	0.45	<1.0	4	12	8	<0.56	<0.28	10	2.4	<2.0	<0.1	0.4	24	14	10	<0.15	<0.002	2	<0.01
Sep						5.3	7.2	36.6	2.38	<0.02	<0.02	3.6	24	0.6	<1.0	4	22	8	<0.56	<0.28	4	0.8	<2.0	<0.1	0.1	22	2	20	0.34	<0.002	0	<0.01
Oct						6.8	6.9	107.2	2.25	<0.02	0.8	<1.8	3	1.98	<1.0	4	22	24	<0.56	<0.28	35	13.8	5	<0.1	0.4	70	66	4	<0.15	<0.002	2	<0.01
Nov						6.5	7.5	53	2.6	<0.02	<0.02	12	39	3.41	<1.0	2	20	16	<0.56	<0.28	20	4.8	2	<0.1	<0.1	34	32	2	<0.15	<0.002	2	<0.0
Dec						6.7	7.6	75.4	2.6	0.56	<0.02	11	40	4.24	<1.0	4	24	16	<0.56	<0.28	30	11.2	2	0.6	<0.1	44	26	18	0.29	<0.002	<0.1	<0.01
Jan						8.1	7.2	88.5	2.45	<0.02	0.1	3.7	17	0.79	<1.0	8	24	8	<0.56	<0.28	18	4.8	1	<2.0	<0.1	52	48	4	0.34	<0.002	<0.1	<0.01
Feb						7.6	7.6	52.7	2.55	<0.02	0.15	<1.8	6	0.56	<1.0	36	18	8	<0.56	<0.28	2	0.8	<0.1	4.0	<0.1	34	16	18	<0.15	<0.002	<0.1	<0.01
Mar						7.3	7.8	53	2.57	<0.02	0.06	<1.8	3.6	0.52	<1.0	32	28	4	<0.56	<0.28	15	5.2	0	3.1	1.1	34	14	20	<0.15	<0.002	1	<0.01
Avg						6.6	7.3	61	2.4	0.56	0.26	6	15	1.64	<1.0	10.0	20	13	<0.56	<0.28	21	6.8	3	2	1	37	27	10	0.32	<0.002	1	<0.01

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April	1329	Ambasamudram TAMIRAPARANI	8.72959 77.46729	- Due to COVID 19 -	5.7	7.6	65.3	2.25	<0.02	<0.02	1.8	5.6	2.1	<1.0	4	14	16	<0.56	<0.28	4	0.8	<2.0	<0.1	<0.1	40	38	2	<0.15	<0.002	0	<0.01
May																															
June					6.5	6.2	33.4	2.25	<0.02	<0.02	<1.8	3.5	0.35	<0.1	14	12	8	<0.56	<0.28	16	4.8	<2.0	<0.1	<0.1	22	18	4	<0.15	<0.002	1	<0.01
July					6.9	7.6	33.8	<2.0	<0.02	<0.02	<1.8	3.7	1.29	<1.0	2	8	8	<0.56	<0.28	12	4.0	<2.0	<0.1	<0.1	20	18	2	<0.15	<0.002	0	<0.01
Aug					6.4	7.3	34.3	2.45	<0.02	0.07	<1.8	<1.8	2.09	<1.0	4	12	8	<0.56	<0.28	20	4.8	<2.0	<0.1	<0.1	20	16	4	<0.15	<0.002	2	<0.01
Sep					6.0	7.6	32.6	2.48	<0.02	<0.02	1.8	10	0.78	<1.0	8	16	8	<0.56	<0.28	2	0.4	<2.0	<0.1	<0.1	18	6	12	<0.15	<0.002	0	<0.01
Oct					6.2	7.7	94.4	2.35	<0.02	0.67	<1.8	<1.8	1.03	<1.0	8	18	24	<0.56	<0.28	32	10.0	3	<0.1	<0.1	68	66	2	<0.15	<0.002	2	<0.01
Nov					6.9	7.3	50.2	2.5	<0.02	<0.02	1.8	6	1.88	<1.0	2	20	16	<0.56	<0.28	20	4.8	<2.0	<0.1	<0.1	32	28	4	<0.15	<0.002	2	<0.01
Dec					7.0	7.7	119.9	2.2	0.58	0.11	8.3	24	5.4	<1.0	8	30	16	<0.56	<0.28	54	18.4	11	0.4	<0.1	72	50	22	0.25	<0.002	<0.1	<0.01
Jan					6.8	7.6	61.7	2.45	0.19	<0.02	<1.8	3.7	0.74	<1.0	8	24	4	<0.56	<0.28	2	0.8	<0.1	<2.0	<0.1	38	34	4	<0.15	<0.15	<0.1	<0.01
Feb					8.8	7.5	41.2	2.45	0.12	<0.02	<1.8	3.6	0.48	<1.0	20	18	8	<0.56	<0.28	2	0.8	<0.1	<2.0	<0.1	26	10	16	<0.15	<0.002	<0.1	<0.01
Mar					7.2	7.0	45.5	2.47	0.09	<0.02	<1.8	1.8	263	<1.0	20	22	4	<0.56	<0.28	10	3.6	0	<2.0	<0.1	30	18	12	<0.15	<0.002	0	<0.01
Avg					6.8	7.4	56	2.4	0.25	0.28	3	7	25.4	<1.0	8.9	18	11	<0.56	<0.28	16	4.8	5	0	1	35	27	7.64	0.25	<0.002	1	<0.01
April	1330	Authoor TAMIRAPARANI	8.62443 78.06881	- Due to COVID 19 -	6.7	8.5	601	2.2	0.17	<0.02	43	120	0.56	4	16	88	104	3.36	0.28	164	52.9	13	30	53	360	356	4	<0.15	<0.002	7	<0.01
May																															
June					7.2	7.4	469	2.4	<0.02	<0.02	58	170	1.04	<1.0	14	90	72	1.68	<0.28	184	62.5	7	16.5	50	278	262	16	<0.15	<0.002	6	<0.01
July					6.4	7.2	510	3.3	<0.02	<0.02	31	110	2.47	<1.0	24	102	48	2.8	0.28	192	27.3	30	23	57.4	316	308	8	<0.15	<0.002	7	<0.01
Aug					7.1	8.0	514	6.6	0.45	0.05	43	140	1.08	<1.0	20	100	56	1.68	0.84	200	65.7	9	14	70.1	360	348	12	0.31	<0.002	7	<0.01
Sep					7.3	8.2	486	6.8	0.05	<0.02	70	220	0.62	<1.0	16	100	48	1.68	0.28	160	48.0	20	12.7	64.2	316	304	12	0.03	<0.002	6	<0.01
Oct					6.7	7.9	531	3.2	<0.02	<0.02	90	170	0.61	<1.0	16	105	72	<0.56	<0.28	200	48.1	19	23	50.4	344	338	6	<0.15	<0.002	7	<0.01
Nov					6.8	7.5	157	2.7	<0.02	<0.02	110	430	4.6	<1.0	10	40	40	<0.56	<0.28	68	22.4	3	6.1	<0.1	96	88	8	<0.15	<0.002	0	<0.01
Dec					7.2	8.1	349	2.7	0.75	0.67	110	430	1.47	<1.0	16	70	24	2.24	0.84	100	30.5	6	21	13.8	210	206	4	0.51	<0.002	<0.1	<0.01
Jan					6.7	7.6	410	2.45	0.15	<0.02	31	94	0.69	<1.0	8	70	32	1.68	<0.28	76	26.5	2	23	19	246	238	8	0.2	<0.002	2	<0.01
Feb					6.7	7.9	554	2.35	0.11	0.24	25	140	2.02	<1.0	276	120	56	<0.56	<0.28	72	25.7	2	30	7.5	334	306	28	<0.15	<0.002	5	<0.01
Mar					7.9	7.1	495	2.65	<0.02	0.06	39	120	0.73	<1.0	140	135	48	11.2	4.2	120	38.0	6	40	42	304	294	10	<0.15	<0.002	6	<0.01
Avg					7.0	7.8	461	3.4	0.28	0.26	59	195	1.44	4	50.5	93	55	3.29	1.12	140	40.7	11	22	43	288	277	10.5	0.26	<0.002	5	<0.01

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Langitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27 C mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pnenopmtain e Alkalinity $\text{mg/L}$	Total Alkalinity $\text{mg/L}$	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as $\text{CaCO}_3 \text{ mg/L}$	Calcium as $\text{Ca}^{++} \text{ mg/L}$	Magnesium as $\text{Mg}^{++} \text{ mg/L}$	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids $\text{mg/L}$	Total Fixed Solids $\text{mg/L}$	Total Suspended Solids $\text{mg/L}$	Phosphate $\text{mg/L}$	Boron mg/L	Potassium $\text{mg/L}$	Fluoride $\text{mg/L}$		
April	3025	Eral	TAMIRAPARANI	8.62061 78.02284	4.0	7.7	1507	2.6	6.4	<0.02	58	170	0.38	<1.0	12	290	80	5.6	0.84	408	160	57.7	4	11	23.3	208	170	38	<0.15	<0.002	32	<0.01
May										- Due to COVID 19 -																						
June					6.4	7.5	348	2.6	<0.02	<0.02	34	110	0.51	<1.0	14	60	40	1.12	<0.28	160	57.7	14	15	8.1	184	178	6	<0.15	<0.002	3	<0.01	
July					6.7	7.1	308	2.2	<0.02	<0.02	26	94	2.52	<1.0	12	68	40	1.68	<0.28	120	25.7	14	15	8.1	184	178	6	<0.15	<0.002	3	<0.01	
Aug					6.8	7.8	307	7.5	0.25	0.05	31	110	0.58	<1.0	12	48	32	0.56	0.28	152	49.7	7	12	21	196	186	10	0.27	<0.002	2	<0.01	
Sep					5.5	7.9	340	6.6	0.15	<0.02	63	170	0.43	<1.0	12	52	40	1.12	<0.28	82	29.1	3	6	24.6	212	198	14	<0.15	<0.002	2	<0.01	
Oct					5.7	7.3	1495	3.0	<0.02	<0.02	130	280	0.65	<1.0	40	320	72	<0.56	<0.28	350	24.1	70	158	170	1016	1010	6	<0.15	<0.002	30	<0.01	
Nov					6.0	7.5	175	2.8	<0.02	<0.02	94	350	1.88	<1.0	4	42	40	<0.56	<0.28	80	28.9	2	12	<0.1	106	96	10	<0.15	<0.002	1	<0.01	
Dec					7.5	8.1	369	2.8	0.28	0.65	94	350	1.72	<1.0	12	70	24	1.68	<0.28	88	31.3	2	18	6.3	220	216	4	0.46	<0.002	<0.1	<0.01	
Jan					6.9	7.8	490	2.35	0.12	<0.02	27	83	3	<1.0	16	78	40	0.56	<0.28	88	35.0	0	27	16	294	262	32	<0.15	<0.002	3	<0.01	
Feb					7.3	7.8	486	2.25	0.08	0.25	17	110	2.9	<1.0	260	92	88	0.56	<0.28	76	28.9	1	21	4	294	264	30	<0.15	<0.002	2	<0.01	
Mar					7.4	7.5	456	2.55	0.09	0.25	31	94	1.02	<1.0	128	110	40	6.7	0.84	126	37.0	8	30	32	286	280	6	<0.15	<0.002	4	<0.01	
Avg					6.4	7.6	571	3.4	1.05	0.3	55	175	1.42	<1.0	47.5	112	49	2.18	0.65	157	42.7	12	41	50	358	343	14.5	0.37	<0.002	8	<0.01	
April	3026	Kallidai Kurichi	TAMIRAPARANI	8.69375 77.46268	5.9	7.5	59.9	2.25	<0.02	<0.02	1.8	10	3.75	<1.0	4	14	16	<0.56	<0.28	12	3.2	<2.0	<0.1	0.4	38	34	4	<0.15	<0.002	0	<0.01	
May							- Due to COVID 19 -																									
June					6.4	6.2	37.1	2.25	<0.02	<0.02	1.8	6	0.42	<0.1	6	14	16	<0.56	<0.28	32	8.0	<2.0	<0.1	0.1	24	18	6	<0.15	<0.002	3	<0.01	
July					6.7	7.5	37	<2.0	<0.02	<0.02	1.8	5.5	1.76	<1.0	2	8	8	<0.56	<0.28	20	5.6	<2.0	<0.1	<0.1	22	20	2	<0.15	<0.002	1	<0.01	
Aug					6.2	7.2	37.6	2.15	<0.02	0.2	<1.8	1.8	1.03	<1.0	4	14	8	<0.56	<0.28	18	4.8	<2.0	<0.1	0.2	22	18	4	<0.15	<0.002	1	<0.01	
Sep					6.0	7.3	39.5	2.28	<0.02	0.03	1.8	15	1.06	<1.0	4	20	8	<0.56	<0.28	3	0.4	<2.0	<0.1	0.1	24	8	16	0.23	<0.002	0	<0.01	
Oct					6.8	7.3	111.9	2.45	<0.02	2.45	<1.8	<1.8	0.75	<1.0	8	20	24	<0.56	<0.28	43	12.0	4	<0.1	0.2	74	72	2	<0.15	<0.002	3	<0.01	
Nov					6.6	7.5	51.4	2.4	<0.02	<0.02	2	14	2.77	<1.0	2	18	16	<0.56	<0.28	20	4.8	<2.0	<0.1	<0.1	32	28	2	<0.15	<0.002	2	<0.01	
Dec					6.5	7.7	141	2.9	0.67	0.23	8.3	32	6.3	<1.0	8	32	24	<0.56	<0.28	50	14.4	10	0.4	<0.1	84	54	30	0.26	<0.002	<0.1	<0.01	
Jan					7.1	7.5	59.4	2.25	<0.02	0.16	1.8	6.8	1.01	<1.0	8	24	8	<0.56	<0.28	2	0.8	<0.1	5.2	<0.1	38	34	4	<0.15	<0.002	<0.1	<0.01	
Feb					8.4	7.3	51.9	2.55	<0.02	0.11	<1.8	3.6	0.58	<1.0	36	16	8	<0.56	<0.28	2	0.8	<0.1	<2.0	<0.1	32	12	20	<0.15	<0.002	<0.1	<0.01	
Mar					7.5	7.2	51.3	2.37	<0.02	0.08	<1.8	3.6	0.34	<1.0	32	22	4	<0.56	<0.28	20	6.8	1	<2.0	0.8	32	18	14	<0.15	<0.002	1	<0.01	
Avg					6.7	7.3	62	2.4	0.67	0.47	3	10	1.80	<1.0	10.4	18	13	<0.56	<0.28	20	5.6	5	3	0	38	29	9.45	0.25	<0.002	2	<0.01	

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 C mg/L	Nitrate mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Potassium mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L		
April	3027	Srialkuntam TAMIRAPARANI	8.62736 77.909	5.0 7.5 7.5 6.8 6.7 7.6 7.4 6.7 7.6 7.6 7.0 8.7 7.9 7.2	8.1	387	2.4	0.22	<0.02	25	94	0.75	4	36	72	72	2.24	0.28	116	36.9	6	9	36	234	232	2	0.17	<0.002	4	<0.01	
May										- Due to COVID 19 -																					
June					7.5	7.5	129	2.4	<0.02	<0.02	22	63	1.38	<1.0	6	22	24	0.56	<0.28	112	28.9	10	4.4	1.8	76	68	8	<0.15	<0.002	1	<0.01
July					6.8	7.3	147	2.2	<0.02	<0.02	21	84	1.66	<1.0	8	40	32	<0.56	<0.28	64	18.4	4	8.3	<0.1	88	44	4	<0.15	<0.002	0	<0.01
Aug					6.7	8.1	127	2.3	0.02	<0.02	26	94	0.63	<1.0	4	18	24	<0.56	<0.28	38	12.8	1	12	3.3	76	56	20	0.18	<0.002	3	<0.01
Sep					7.6	8.3	178	6.0	<0.02	<0.02	40	110	0.60	<1.0	12	26	32	<0.56	<0.28	22	8.0	0	<2.0	4.2	108	92	16	<0.15	<0.002	2	<0.01
Oct					7.4	7.7	346	3.0	<0.02	<0.02	60	140	0.44	<1.0	16	60	64	<0.56	<0.28	150	44.1	10	18	16	206	194	12	<0.15	<0.002	5	<0.01
Nov					6.7	7.7	134	2.7	<0.02	<0.02	84	240	1.96	<1.0	8	32	32	<0.56	<0.28	64	19.2	4	9.1	<0.1	82	76	6	<0.15	<0.002	<0.1	<0.01
Dec					7.6	8.0	340	2.9	0.35	0.49	70	280	1.4	<1.0	16	78	24	1.12	<0.28	88	0.1	1	18	1.6	210	208	2	0.48	<0.002	<0.1	<0.01
Jan					7.0	8.1	480	2.55	0.04	<0.02	20	70	0.79	<1.0	16	78	32	<0.56	<0.28	102	32.0	5	6.7	0.8	288	268	20	<0.15	<0.002	2	<0.01
Feb					8.7	7.8	273	2.25	0.05	0.08	17	94	3.31	<1.0	140	50	40	<0.56	<0.28	64	16.0	6	9	0.8	162	128	34	<0.15	<0.002	0	<0.01
Mar					7.9	7.8	225	2.5	0.21	0.04	26	84	0.66	<1.0	68	54	32	1.68	<0.28	84	20.0	8	13	9	142	136	6	<0.15	<0.002	2	<0.01
Avg					7.2	7.8	251	2.8	0.15	0.2	37	123	1.23	4	30.0	48	37	1.4	0.28	82	21.5	5	11	8	152	137	11.8	0.28	<0.002	2	<0.01
April	3028	Vellakovil TAMIRAPARANI	8.71802 77.70353	7.2 6.4 6.5 6.6 6.0 5.6 6.6 6.0 6.5 6.8 7.2 7.8 7.9 7.2	7.5	139	2.35	<0.02	<0.02	21	63	8.91	<1.0	10	22	24	1.12	<0.28	16	4.8	5	1.4	0.7	84	80	4	0.18	<0.002	1	<0.01	
May										- Due to COVID 19 -																					
June					6.4	6.5	84.8	2.75	<0.02	<0.02	4	26	1.5	<1.0	4	12	32	<0.56	<0.28	56	14.4	3	<0.1	0.9	54	40	14	<0.15	<0.002	5	<0.01
July					6.6	7.2	100.7	2.25	<0.02	<0.02	20	58	2.89	<1.0	4	21	24	<0.56	<0.28	60	17.6	10	<0.1	0.3	58	54	4	<0.15	<0.002	4	<0.01
Aug					6.0	7.2	114.7	2.35	0.04	0.37	21	63	1.1	<1.0	4	20	24	<0.56	<0.28	30	10.6	<2.0	<0.1	0.6	68	44	24	0.19	<0.002	1	<0.01
Sep					5.6	7.5	120	2.48	<0.02	<0.02	14	63	1.01	<1.0	8	24	24	<0.56	<0.28	12	4.0	<2.0	0.5	0.4	72	44	28	0.58	<0.002	0	<0.01
Oct					6.6	7.2	165.8	2.35	<0.02	0.59	21	63	2.88	<1.0	8	32	32	<0.56	<0.28	60	15.2	14	<0.1	0.4	98	92	6	<0.15	<0.002	5	<0.01
Nov					6.0	7.8	270	2.6	<0.02	<0.02	43	210	5.66	<1.0	12	44	24	<0.56	<0.28	92	32.1	15	<0.1	2.6	164	160	4	<0.15	<0.002	3	<0.01
Dec					6.5	7.8	249	2.9	0.84	0.04	63	170	1.88	<1.0	12	46	34	1.68	0.28	112	36.9	<2.0	1.4	0.5	148	88	60	0.46	<0.002	1	<0.01
Jan					6.8	7.9	239	2.25	<0.02	0.11	13	46	1.01	<1.0	12	190	24	0.56	<0.28	100	20.8	12	12	<0.1	144	138	6	<0.15	<0.002	<0.1	<0.01
Feb					7.2	7.8	143	2.55	<0.02	0.18	3.6	63	0.49	<1.0	92	32	64	<0.56	<0.28	22	8.0	0	5.74	<0.1	78	38	40	<0.15	<0.002	<0.1	<0.01
Mar					7.8	7.7	117.5	2.47	0.18	0.21	6.8	33	0.52	<1.0	60	30	16	<0.56	<0.28	35	10.8	2	7.4	3.7	72	38	34	<0.15	<0.002	<0.1	<0.01
Avg					6.6	7.5	159	2.5	0.35	0.25	21	78	2.53	<1.0	20.5	43	29	1.12	0.28	54	15.9	8	5	1	95	74	20.4	0.35	<0.002	2	<0.01

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River	River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity umhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthalein Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/l	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	3029	Sivalaperi	TAMIRAPARANI	8.70003	77.69087	9.5	7.8	207	2.35	<0.02	<0.00	25	70	3.52	<1.0	10	40	32	1.68	<0.28	40	12.8	7	1.8	1	126	122	4	0.15	<0.002	2	<0.01
May												- Due to COVID 19 -																				
June						6.1	6.5	141	2.65	<0.02	<0.02	13	43	2.96	<1.0	4	30	32	<0.56	<0.28	78	14.4	4	<0.1	0.9	84	58	26	<0.15	<0.002	10	<0.01
July						6.5	7.1	107.8	2.85	<0.02	<0.02	17	46	2.88	<1.0	6	40	24	<0.56	<0.28	68	14.4	5	<0.1	0.4	60	54	6	<0.15	<0.002	8	<0.01
Aug						6.1	7.3	94	2.15	0.03	0.19	12	46	0.71	<1.0	8	22	16	<0.56	<0.28	52	17.6	<2.0	<0.1	0.3	56	44	12	<0.15	<0.002	2	<0.01
Sep						5.7	7.5	119.8	2.58	<0.02	<0.02	17	84	0.77	<1.0	8	24	24	<0.56	<0.28	12	4.0	<2.0	0.8	0.05	70	40	30	0.6	<0.002	0	<0.01
Oct						6.7	7.1	119.1	2.25	<0.02	0.49	12	46	1.48	<1.0	4	30	24	<0.56	<0.28	61	16.0	8	<0.1	0.3	110	104	6	<0.15	<0.002	5	<0.01
Nov						6.1	7.7	330	2.6	<0.02	<0.02	48	220	2.16	<1.0	8	72	32	<0.56	<0.28	124	44.9	22	15.1	2.8	200	196	4	<0.15	<0.002	3	<0.01
Dec						6.5	8.0	436	2.9	0.55	<0.02	94	280	1.36	<1.0	12	98	32	1.68	0.28	180	56.1	<2.0	1.4	1.8	261	233	28	0.51	<0.002	2	<0.01
Jan						6.7	7.6	595	2.25	<0.02	0.28	17	63	0.4	<1.0	12	46	24	1.12	<0.28	100	32.1	5	36	55	360	352	8	0.18	<0.002	1	<0.01
Feb						5.6	7.9	335	2.55	<0.02	0.13	3.6	70	0.39	<1.0	140	94	96	<0.56	<0.28	90	32.1	2	25.7	0.1	202	156	46	<0.15	<0.002	<0.1	<0.01
Mar						7.6	7.6	237	2.57	0.05	0.27	6.8	39	0.61	<1.0	96	60	24	<0.56	<0.28	43	16.4	0	7	4	142	100	42	<0.15	<0.002	1	<0.01
Avg						6.6	7.4	247	2.5	0.21	0.27	24	92	1.57	<1.0	28	51	33	1.49	0.28	77	23.7	7	13	6	152	133	19.3	0.36	<0.002	3	<0.01
April	1450	Palar		12.67923	78.59542							- Due to COVID 19 -																				
May												- Due to COVID 19 -																				
June												- Due to COVID 19 -																				
July						6.8	8.4	--	2.6	<1	<0.05	--	--	--	<1	190	85	32	<2	<2	79	42.0	37	79	48	320	240	28	<0.5	<0.002	12	<0.1
Aug						6.7	7.9	--	3	<1	<0.05	<1.8	45	--	<1	195	80	23	<2	<2	150	100.0	50	41	100	406	280	28	<0.5	<0.002	14	<0.1
Sep						6.5	7.8	--	4	<1	<0.05	460	1400	--	<1	250	75	24	<2	<2	300	220.0	80	38	75	422	302	4	<0.5	<0.002	3	<0.1
Oct						6.8	8.0	--	3	<1	<0.05	<1.8	78	--	<1	290	180	16	<2	<2	120	80.0	40	23	60	500	390	4	<0.5	<0.002	12	<0.1
Nov						7.0	7.9	--	2.4	<1	<0.05	<1.8	78	--	<1	210	100	16	<2	<2	210	150.0	60	45	69	510	412	4	<0.5	<0.002	12	<0.1
Dec						6.9	7.8	--	<2	<1	<0.05	<1.8	68	--	<1	150	250	16	<2	<2	280	220.0	60	18	99	560	438	4	<0.5	<0.002	13	<0.1
Jan						6.7	7.0	--	<2	<1	<0.05	<1.8	40	--	<1	225	100	16	<2	<2	320	250.0	70	59	78	516	424	4	<0.5	<0.002	14	<0.1
Feb						6.8	8.4	--	<2	<1	<0.05	<1.8	68	--	<1	250	105	16	<2	<2	280	220.0	60	82	150	546	342	4	<0.5	<0.002	16	<0.1
Mar						6.7	8.3	--	<2	<1	<0.05	20	140	--	<1	250	110	16	<2	<2	270	190.0	80	72	50	528	412	4	<0.5	<0.002	5	<0.1
Avg						6.8	7.9	--	3.0	<1	<0.05	240	240	--	<1	223.3	121	19	<2	<2	223	163.6	60	51	81	479	360	9.33	<0.5	<0.002	11	<0.1

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos}/\text{cm}$	BOD at 27 °C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Pneumopneumoniae Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N, as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	1421	Udhagamandalam LAKE	11.40062	76.69045	6.0	6.8	514	<2	0.14	0.02	70	150	9.4	<1	116	54	8	2.24	1.12	124	40.0	6	6	27	324	304	24	0.21	<0.002	3	0.87
May					-	-	-	-	-	-	- Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
July					6.0	6.1	391	2.4	0.12	0.02	94	220	4.4	<1	64	45	24	2.8	1.12	96	28.0	5	5	27	252	228	20	0.22	<0.002	3	0.83
Aug					5.7	6.5	399	4.5	0.23	0.02	43	120	3.2	<1	104	38	16	1.12	0.56	120	38.0	6	18	18.4	244	168	12	0.45	<0.002	9	0.51
Sep					6.2	6.8	401	<2	0.21	0.02	63	150	3.6	<1	104	46	16	2.24	1.12	96	29.0	6	4	20	264	244	16	0.4	<0.002	10	0.51
Oct					6.6	6.7	383	<2	0.20	0.02	120	260	3.2	<1	76	48	16	2.24	1.12	108	32.0	7	<5	19.2	252	232	12	0.24	<0.002	9	0.50
Nov					6.8	6.4	406	<2	0.15	0.02	120	270	5.8	<1	130	38	16	3.36	1.68	88	32.0	2	<5	17	264	244	24	0.23	<0.002	2	0.48
Dec					6.8	6.1	339	<2	0.13	32.0	120	330	2.42	<1	130	36	16	3.36	1.68	60	16.0	5	6	21	224	204	24	0.22	<0.002	8	0.49
Jan					6.0	6.9	305	<2	0.24	0.02	31	70	2.16	4	88	24	16	1.12	0.56	156	11.0	31	<5	16	184	168	8	0.09	<0.002	3	0.15
Feb					6.0	6.9	465	3.6	0.19	0.03	310	630	4.7	<1	140	54	32	4.48	2.24	84	24.0	6	<5	34	312	272	24	0.22	<0.002	19	0.41
Mar					6.1	6.1	446	2.2	0.21	0.03	230	490	11.9	<1	120	48	24	4.48	2.24	100	30.0	6	<5	36	288	256	28	0.21	<0.002	2	0.39
Avg					6.2	6.5	405	3.2	0.18	3.22	120	269	5.08	4	107	43	18	2.74	1.34	103	28.0	8	8	24	261	232	19.2	0.25	<0.002	7	0.51
April	1420	Kodaikanal LAKE	10.23362	77.48565	6.1	7.0	110	3.6	<0.2	<0.2	49	79	0.4	<1	38	19	40	5.4	3.4	30	9.6	1	3	7	72	66	6	<0.2	<0.002	0	<0.1
May					6.4	7.4	121	3.0	0.32	<0.2	46	79	0.5	<1	36	20	32	5.0	3.4	30	8.0	2	3	7	78	72	6	<0.2	<0.002	0	<0.1
June					6.2	6.7	119	3.0	0.38	<0.2	46	63	0.5	<1	38	18	40	5.6	3.4	28	8.8	1	2	8	68	62	6	0.07	<0.002	0	<0.1
July					6.1	7.9	175	2.8	<0.2	0.36	40	60	0.5	<1	30	35	44	5.0	3.4	28	4.8	4	12	9	136	128	8	0.07	<0.002	0	<0.1
Aug					6.1	7.2	132	3.00	0.30	<0.2	42	72	0.5	<1	40	35	32	4	2.8	32	6.0	4	12	6	86	74	12	0.31	<0.002	<0.1	<0.1
Sep					6.2	7.2	182	3.2	<0.2	<0.2	42	72	0.5	<1	42	40	40	3.4	2.2	28	4.8	4	14	7	118	108	10	0.32	<0.002	6	<0.1
Oct					6.5	7.1	105	4.0	<0.2	<0.2	40	80	0.5	<1	42	30	32	2.8	1.7	38	8.4	4	12	6	96	88	8	0.34	<0.002	6	<0.1
Nov					6.0	6.0	115	3.0	0.23	0.10	44	76	<5	<1	36	20	36	5.6	3.3	10	4.8	2	8	7	76	68	8	0.20	<0.002	3	<0.1
Dec					6.7	7.6	47	2.0	0.24	0.11	35	96	<5	<1	30	20	24	6.7	3.4	19	4.0	2	9	10	136	134	2	0.17	<0.002	4	<0.1
Jan					Not collected																										
Feb					6.2	7.5	137.0	2.0	0.65	0.13	21	80	<5	<1	20	23	16	2.8	1.1	50	16.0	2	13	13	92	79.0	5.0	0.2	<0.002	5	0.2
Mar					6.0	6.4	92.5	2.0	0.67	0.23	21	63	<5	<1	23	13	24	6.1	4.5	34	8.0	4	4	8	62	50.0	4.0	0.2	<0.002	4	0.18
Avg					6.2	7.1	121	2.9	0.40	0.19	39	75	0.48	<1	34	25	33	4.8	2.9	30	7.6	3	8	8	93	84	6.82	0.2	<0.002	3	0.18

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

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April	1452	Yercaud LAKE	11.78364	78.21115	7.1	7.9	305	2	0.21	0.02	40	170	11.4	<1	112	35	16	2.24	1.12	98	60.0	38	10	16	204	192	28	0.1	<0.002	5	0.15
May					-	-	-	-	-	-	Due to COVID 19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					6.1	6.6	352	<2	0.19	0.03	31	110	4.2	<1	100	58	16	2.24	1.12	108	22.0	13	48	12	256	244	16	0.13	<0.002	3	0.26
July					6.5	6.9	296	<2	0.19	0.03	46	140	2.2	<1	60	42	8	1.12	0.56	82	24.0	5	10	12	192	180	8	0.13	<0.002	3	0.24
Aug					5.8	6.7	329	<2	0.26	0.03	78	170	4.4	<1	88	41	16	1.12	0.56	92	27.0	6	12	22	212	196	8	0.01	<0.002	7	0.51
Sep					7.0	7.3	371	<2	0.22	0.01	92	210	4.2	16	128	44	16	1.12	0.56	80	27.0	3	2	31	244	224	8	0.02	<0.002	8	0.50
Oct					6.1	7.0	922	<2	0.28	0.03	58	120	2.5	24	200	110	16	2.8	1.12	200	48.0	19	24	20	592	564	4	0.07	<0.002	3	0.10
Nov					7.0	7.3	371	<2	0.22	0.01	92	210	4.2	16	128	44	16	1.12	0.56	80	27.0	3	2	31	244	224	8	0.02	<0.002	8	0.50
Dec					6.1	7.1	294	<2	0.22	0.03	49	120	1.78	<1	110	31	16	2.24	1.12	80	12.0	12	<5	16	184	164	8	0.07	<0.002	5	0.19
Jan					6.1	6.6	309	<2	0.26	0.03	61	140	3.26	12	80	55	16	1.12	0.56	72	19.0	6	<5	35	196	176	8	0.1	<0.002	9	0.20
Feb					6.8	6.9	372	<2	0.31	0.03	32	94	2.39	2	102	38	16	1.12	0.56	80	22.0	6	<5	38	244	224	16	0.1	<0.002	10	0.16
Mar					6.5	7.0	312	2.0	0.22	0.03	310	630	11.2	6	100	45	32	4.48	2.24	84	30.0	2	<5	36	208	180	24	0.1	<0.002	8	0.14
Avg					6.5	7.0	385	2.0	0.23	0.02	81	192	4.7	12.7	109.8	49	17	1.88	0.92	96	28.9	10	15	25	252	233	12.4	0.08	<0.002	6	0.27
April	3007	Veeranam LAKE	11.34111	79.52306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
May					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
June					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
July					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aug					6.4	7.8	559	2.2	0.31	0.02	46	110	6.1	36	144	67	16	2.24	1.12	132	19.2	20	2	52	364	340	12	0.11	<0.002	6	0.15
Sep					6.4	7.7	610	<2	0.24	0.02	31	84	3.2	<1	130	70	16	1.68	0.84	140	40.0	10	<5	50	396	376	8	0.12	<0.002	6	0.16
Oct					6.3	7.1	532	<2	0.26	0.02	32	94	3.5	28	152	62	16	2.24	1.12	136	34.0	13	17	37	352	324	8	0.08	<0.002	4	0.19
Nov					6.4	7.1	684	<2	0.10	0.02	23	58	4.1	20	156	87	16	2.24	1.12	172	37.0	19	33	35	436	416	8	0.09	<0.002	4	0.17
Dec					6.0	7.3	423	<2	0.15	0.03	63	26	2.3	<1	140	45	16	2.24	0.84	100	16.0	15	20	35	264	240	8	0.08	<0.002	5	0.16
Jan					6.0	7.1	630	<2	0.19	0.03	22	49	2.37	20	164	82	16	3.36	1.12	168	42.0	16	44	52	428	404	8	0.09	<0.002	6	0.14
Feb					6.1	6.1	809	<2	0.16	0.03	22	49	2.79	32	172	118	16	2.24	1.12	164	48.0	11	39	50	536	508	12	0.10	<0.002	5	0.16
Mar					6.3	7.4	616	<2	0.14	0.04	21	46	5.2	16	120	98	16	2.24	1.12	120	21.0	17	56	51	392	372	12	0.07	<0.002	7	0.12
Avg					6.2	7.2	608	2.2	0.19	0.03	33	65	3.7	25	147.3	79	16	2.31	1.05	142	32.2	15	30	45	396	373	9.5	0.09	<0.002	5	0.16

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April	3008 Poondi	LAKE	13.16973 79.88824	8.9 6.7 6.4 6.8 6.3 6.7 7.0 6.8 6.1 7.6 7.0 7.3 7.0	8.9	7.4	647	2	<1	<0.05	<1.8	20	3.11	<1	192	67	32	2.24	<2	130	38.0	9	54	59	390	204	6	<0.5	<0.002	11	<0.1
May					6.7	7.3	745	3	<1	<0.05	<1.8	<1.8	2.10	<1	110	126	32	<2	<2	132	34.5	11	38	65	442	376	8	<0.5	<0.002	14	<0.1
June					6.4	7.0	735	2	<1	<0.05	<1.8	<1.8	16.5	<1	164	180	24	3.36	2	150	34.0	16	74	73	438	230	8	<0.5	<0.002	12	<0.1
July					6.8	7.3	559	2	<1	0.06	<1.8	<1.8	6.05	<1	110	63	40	3.36	2.8	110	27.0	10	75	50	330	212	10	<0.5	<0.002	4	<0.1
Aug					6.3	8.1	637	2	<1	<0.05	<1.8	<1.8	3.54	<1	124	66	16	5.6	3.36	120	29.0	12	73	58	384	196	10	<0.5	<0.002	4	<0.1
Sep					6.7	7.4	598	2	<1	<0.05	<1.8	45	3.82	<1	146	73	48	<2	<2	90	28.0	5	73	92	354	300	10	<0.5	<0.002	6	<0.1
Oct					7.0	7.4	552	2	<1	<0.05	<1.8	45	2.33	<1	214	83	32	<2	<2	95	22.0	10	48	84	340	276	6	<0.5	<0.002	5	<0.1
Nov					6.8	7.3	606	2	<1	<0.05	<1.8	20	10.90	<1	250	72	24	2.0	3.36	136	33.0	13	44	57	356	310	8	<0.5	<0.002	4	<0.1
Dec					6.1	7.2	475	3	<1	<0.05	<1.8	<1.8	11.1	<1	240	79	32	5.6	2.8	126	31.0	12	16	62	268	232	4	<0.5	<0.002	4	<0.1
Jan					7.6	7.6	819	2	<1	<0.05	<1.8	<1.8	9.85	16	316	83	24	<2	<2	180	62.0	6	40	69	502	438	10	<0.5	<0.002	14	<0.1
Feb					7.0	8.0	699	2	<1	<0.05	<1.8	93	2.76	20	282	89	24	<2	<2	186	39.0	21	36	83	428	360	8	<0.5	<0.002	4	<0.1
Mar					7.3	8.1	663	2	<1	<0.05	<1.8	68	4.17	40	340	90	24	<2	<2	182	34.0	24	35	76	374	318	4	<0.5	<0.002	4	<0.1
Avg					7.0	7.5	645	2.2	<1	0.06	<1.8	49	5.58	25	207	89	29	3.69	2.86	136	34.3	12	51	69	384	288	7.67	<0.5	<0.002	7	<0.1
April	3009 Red Hills	LAKE	13.19309 80.17287	7.1 6.9 6.9 6.0 5.0 5.1 5.3 7.0 6.5 6.8 7.0 7.3 6.4	7.1	7.6	494	3	<1	0.09	<1.8	<1.8	4.48	<1	156	51	16	<2	<2	92	25.0	7	49	32	300	190	4	<0.5	<0.002	7	<0.1
May					6.9	7.2	560	3	<1	<0.05	<1.8	78	6.20	<1	120	50	48	4.48	2.8	90	24.0	7	28	32	334	282	6	<0.5	<0.002	6	<0.1
June					6.9	7.1	573	2	<1	<0.05	<1.8	78	8.34	<1	148	68	16	2.24	<2	105	28.0	9	107	42	340	146	4	<0.5	<0.002	9	<0.1
July					6.0	7.4	660	2	<1	<0.05	<1.8	78	5.30	<1	128	93	56	2.24	<2	114	27.0	11	112	64	372	220	8	<0.5	<0.002	6	<0.1
Aug					5.0	7.9	531	2	<1	<0.05	<1.8	45	2	<1	160	63	16	<2	<2	110	36.0	5	51	39	290	236	4	<0.5	<0.002	5	<0.1
Sep					5.1	7.2	581	3	<1	<0.05	<1.8	20	9.33	<1	144	89	32	3.36	2.0	70	20.0	5	57	65	340	294	20	<0.5	<0.002	6	<0.1
Oct					5.3	7.5	543	2	<1	<0.05	<1.8	45	7.72	6	170	64	24	10.1	5.6	90	20.0	10	40	80	330	272	10	<0.5	<0.002	5	<0.1
Nov					7.0	7.1	432	2	<1	<0.05	<1.8	92	7.44	<1	192	63	16	<2	<2	75	20.0	6	50	50	252	220	4	<0.5	<0.002	4	<0.1
Dec					6.5	6.6	482	2	<1	<0.05	<1.8	45	6.40	<1	184	58	24	<2	<2	94	22.0	9	44	47	270	236	6	<0.5	<0.002	5	<0.1
Jan					6.8	7.0	416	2	<1	<0.05	<1.8	68	7.44	<1	208	65	32	<2	<2	114	27.0	11	51	43	352	316	4	<0.5	<0.002	4	<0.1
Feb					7.0	7.3	389	2	<1	<0.05	<1.8	45	4.28	<1	190	55	40	<2	<2	112	30.0	9	42	46	218	190	10	<0.5	<0.002	5	<0.1
Mar					7.3	7.5	580	2	<1	<0.05	40	170	6.89	<1	210	55	24	<2	<2	120	30.0	11	47	47	324	294	6	<0.5	<0.002	4	<0.1
Avg					6.4	7.3	520	2.3	<1	0.09	40	69	6.35	6	167.5	65	29	4.48	3.47	99	25.8	8	57	49	310	241	7.17	<0.5	<0.002	6	<0.1

**Annual data for National Water Monitoring Project - April 2021 to March 2022**

Month	CPCB Code	Name of River Name	Latitude	Longitude	D.O mg/L	pH	Conductivity $\mu\text{mhos/cm}$	BOD at 27°C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthann e Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
April	3010 Porur	LAKE	13.03395	80.14834	6.1	8.0	1054	3	<1	<0.05	<1.8	<1.8	2.70	<1	184	175	24	3.36	2.0	164	37.0	17	63	89	636	440	10	<0.5	<0.002	21	<0.1
May					6.0	7.9	1184	3	<1	<0.05	20	120	4.06	<1	240	190	24	5.6	3.36	168	36.8	18	42	94	708	512	12	<0.5	<0.002	23	<0.1
June					6.8	7.9	1318	2	<1	<0.05	20	93	3.41	<1	244	210	24	3.36	2	210	54.0	18	102	87	742	624	8	<0.5	<0.002	23	<0.1
July					6.7	7.4	1321	2	<1	0.10	<1.8	110	1.94	<1	184	220	32	2.24	<2	190	46.0	18	105	119	764	550	4	<0.5	<0.002	27	<0.1
Aug					6.5	8.0	1410	2	<1	0.20	20	170	2.03	14	206	230	32	<2	<2	185	50.0	15	103	130	806	594	14	<0.5	<0.002	24	<0.1
Sep					6.8	8.0	1276	2	<1	<0.05	40	110	3.23	12	278	255	32	<2	<2	205	42.0	24	133	130	756	640	8	<0.5	<0.002	26	<0.1
Oct					6.5	7.3	1166	2	<1	<0.05	<1.8	78	1.76	26	286	218	40	6.72	3.36	195	54.0	15	91	223	702	586	8	<0.5	<0.002	24	<0.1
Nov					7.0	7.3	1118	2	<1	<0.05	<1.8	68	3.95	<1	322	195	32	<2	<2	210	50.0	21	106	125	638	584	10	<0.5	<0.002	19	<0.1
Dec					6.4	7.3	938	2	<1	<0.05	<1.8	78	3.92	<1	300	189	40	<2	<2	210	54.0	18	81	123	538	430	4	<0.5	<0.002	18	<0.1
Jan					6.4	7.3	966	2	<1	<0.05	20	170	4.18	28	286	176	40	<2	<2	185	38.0	22	86	113	570	516	4	<0.5	<0.002	18	<0.1
Feb					7.0	7.9	882	3	<1	<0.05	45	140	4.75	26	306	150	40	3.36	1.68	205	42.0	24	72	111	518	460	10	<0.5	<0.002	17	<0.1
Mar					7.2	7.6	951	2	<1	<0.05	<1.8	110	6.86	<1	324	155	24	<2	<2	184	42.0	19	73	110	536	484	4	<0.5	<0.002	16	<0.1
Avg					6.6	7.7	1132	2.3	<1	0.15	28	113	3.57	21	263	197	32	4.11	2.48	193	45.5	19	88	121	660	535	3	<0.5	<0.002	21	<0.1
April	3011 Pulicat	LAKE	13.42702	80.29268	6.4	7.2	56500	3	<1	<0.05	<1.8	45	17.3	<1	148	20094	48	3.36	2	6100	461.0	1203	2334	4070	36348	35410	28	<0.5	<0.002	327	<0.1
May					6.5	7.2	59200	4	<1	<0.05	<1.8	68	14.3	<1	160	18994	64	5.6	3.36	6200	441.0	1239	1450	4062	41446	32784	26	<0.5	<0.002	330	<0.1
June					6.9	7.5	59400	3	<1	<0.05	<1.8	<1.8	14.4	<1	144	20700	72	<2	<2	6250	461.0	1239	1667	4062	36260	30706	26	<0.5	<0.002	329	<0.1
July					5.3	7.9	59000	3	0.82	0.67	45	230	85.8	<1	140	21700	64	10.1	5.6	6050	541.0	1142	1674	4360	41316	40120	32	<0.5	<0.002	204	<0.1
Aug					6.6	8.3	52300	3	<1	<0.05	<1.8	45	17.8	<1	110	19000	64	10.1	5.6	5300	361.0	1069	3165	4246	36600	35716	30	<0.5	<0.002	194	<0.1
Sep					6.4	8.1	39400	2	<1	0.07	<1.8	40	7.05	26	170	15200	56	4.48	2.24	4800	361.0	948	2492	4793	27562	23638	30	<0.5	<0.002	358	<0.1
Oct					5.9	7.3	47100	3	<1	0.59	<1.8	20	6.86	26	160	25100	64	3.36	2.0	4950	481.0	911	1796	2050	33458	25910	22	<0.5	<0.002	90	<0.1
Nov					6.9	6.9	8330	2	<1	0.43	<1.8	78	20.1	NIL	148	2925	56	<2	<2	700	120.0	97	162	1100	4970	4682	16	<0.5	<0.002	48	<0.1
Dec					6.6	7.0	12930	3	<1	<0.05	<1.8	68	24.1	NIL	136	400	56	<2	<2	155	24.0	23	66	206	9022	8428	18	<0.5	<0.002	11	<0.1
Jan					7.1	6.9	9470	2	<1	<0.05	<1.8	45	8.30	8	176	3500	56	<2	<2	960	100.0	173	509	1680	6450	5230	18	<0.5	<0.002	60	<0.1
Feb					7.1	7.2	24200	2	<1	<0.05	<1.8	68	32.9	<1	184	9597	64	3.36	1.68	2800	281.0	510	1063	4240	16212	13552	22	<0.5	<0.002	160	<0.1
Mar					7.4	7.3	46400	3	<1	<0.05	<1.8	40	12.7	26	190	17195	64	<2	<2	5900	501.0	1130	3480	5450	34264	28376	24	<0.5	<0.002	207	<0.1
Avg					6.6	7.4	39519	2.8	0.82	0.44	45	68	21.8	21.5	155.5	14534	61	5.76	3.21	4180	344.4	807	1655	3360	26992	23713	24	<0.5	<0.002	193	<0.1

Note: The following river samples are not collected due to No Flow.  
The code Nos are 50 - Mettur, 51-Pallipalayam, 1326 - Coleroon, 1327 - Pichavaram, 3024 - Edapadi (Sarabanga), & 1449- Vaigai river

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10034	Adyar At Ekkattuthangal	0.0	7.45	2017	16	<1	0.16	170	790	23	<1	540	230	112	25.7	14.0	270	76	19	128	165	1246	814	22	0.8	**	<0.002	24	<0.1
May-21			0.0	7.39	2089	20	<1	0.21	130	490	23	<1	528	250	112	41.4	22.9	275	76	21	131	167	1234	946	20	3.0	**	<0.002	25	<0.1
Jun-21			0.0	7.39	2089	20	<1	0.21	130	490	23	<1	528	250	112	41.4	22.9	275	76	21	131	167	1234	946	20	3.0	**	<0.002	25	<0.1
Jul-21			0.0	7.57	2045	17	<1	<0.05	790	230	21	<1	380	245	168	19.0	11.2	240	62	21	152	162	1176	918	24	2.1	1.79	<0.002	19	<0.1
Aug-21			0.0	7.01	1564	21	<1	0.09	700	170	20	<1	360	213	192	25.8	14.0	225	56	21	135	163	934	590	30	0.84	0.62	<0.002	22	<0.1
Sep-21			0.0	6.86	1182	15	<1	<0.05	460	110	21	<1	310	200	120	15.7	9.0	175	60	6	123	102	746	650	24	0.92	0.72	<0.002	14	<0.1
Oct-21			0.0	7.11	1378	10	6.1	0.46	130	45	16	<1	404	275	48	4.5	2.8	260	82	13	114	208	824	690	40	1.08	0.89	<0.002	14	<0.1
Nov-21			3.2	6.51	446	7	0.8	<0.05	460	130	90	<1	154	55	48	4.5	2.2	104	32	6	36	35	234	228	76	0.76	0.52	<0.002	5	<0.1
Dec-21			4.4	7.22	310	8	<1	<0.05	140	78	29	<1	186	56	40	9.0	5.0	106	26	10	37	33	182	154	8	1.08	0.85	<0.002	4	<0.1
Jan-22			5.7	7.68	820	5	<1	<0.05	220	45	23	10	214	75	32	3.4	2.0	155	42	12	52	58	488	414	20	1.02	0.81	<0.002	7	<0.1
Feb-22			0.0	7.45	1374	18	<1	<0.05	230	1100	5	<1	462	85	104	5.6	3.4	300	64	34	109	153	786	704	12	1.62	1.23	<0.002	14	<0.1
Mar-22			0.0	7.30	1703	19	<1	<0.05	110	630	26	<1	546	210	128	11.2	6.2	295	62	34	147	176	966	884	22	1.46	1.12	<0.002	17	<0.1
Apr-21	10035	Adyar At Jaferkhanpet	0.0	7.31	2071	11	<1	0.16	68	330	24	<1	480	225	80	26.8	14.5	285	68	28	169	152	1252	832	24	0.8	**	<0.002	19	<0.1
May-21			0.0	7.31	2099	22	<1	0.17	78	700	24	<1	488	245	96	42.6	23.5	295	72	28	170	155	1242	940	24	0.9	**	<0.002	21	<0.1
Jun-21			0.0	7.31	2099	22	<1	0.17	78	700	24	<1	488	245	96	42.6	23.5	295	72	28	170	155	1242	940	24	0.9	**	<0.002	21	<0.1
Jul-21			0.0	7.41	2071	13	<1	<0.05	490	140	22	<1	370	215	96	20.2	11.8	235	56	23	148	165	1200	938	26	2.3	1.85	<0.002	21	<0.1
Aug-21			0.0	7.09	1549	23	<1	0.08	790	110	17	<1	350	200	200	26.9	14.6	220	58	18	143	164	920	576	32	0.82	0.77	<0.002	23	<0.1
Sep-21			0.0	6.93	1169	20	<1	<0.05	700	140	21	<1	312	175	128	14.6	8.4	170	40	17	111	101	718	640	22	0.93	0.83	<0.002	13	<0.1
Oct-21			0.0	7.04	1401	12	6.05	0.66	210	68	18	<1	384	240	48	6.7	3.4	270	86	13	147	210	836	704	44	1.96	1.38	<0.002	16	<0.1
Nov-21			4.2	6.44	460	7	0.81	<0.05	790	140	90	<1	166	55	56	3.4	2.0	100	30	6	42	34	240	218	82	0.72	0.56	<0.002	5	<0.1
Dec-21			5.3	7.11	341	9	<1	<0.05	110	20	29	<1	184	57	48	10.1	5.6	108	28	9	37	35	202	172	10	1.14	0.94	<0.002	5	<0.1
Jan-22			5.7	7.68	820	5	<1	<0.05	220	45	23	10	214	75	32	3.4	2.0	155	42	12	52	58	488	414	20	1.02	0.81	<0.002	7	<0.1
Feb-22			0.0	7.47	1378	19	<1	<0.05	170	940	5	<1	438	78	112	4.5	2.8	305	66	34	134	154	790	716	14	1.86	1.45	<0.002	15	<0.1
Mar-22			0.0	7.29	1706	16	<1	<0.05	78	490	26	<1	484	205	120	11.2	6.7	290	64	32	148	175	962	886	24	1.62	1.26	<0.002	16	<0.1

# Annual data for National River Conservation Project - April 2021 to March 2022

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10036	Adyar At Maraimalai Bridge	0.0	7.50	2039	12	<1	0.30	210	1100	23	<1	500	260	96	33.6	18.4	285	72	26	114	162	1230	844	26	0.8	**	<0.002	20	△0.1
May-21			0.0	7.54	2069	12	<1	0.3	93	330	24	<1	496	235	88	33.6	18.4	285	27	112	165	1230	882	26	0.8	**	<0.002	22	△0.1	
Jun-21			0.0	7.54	2069	12	<1	0.3	93	330	24	<1	496	235	88	33.6	18.4	285	27	112	165	1230	882	26	0.8	**	<0.002	22	△0.1	
Jul-21			0.0	7.53	2038	14	<1	<0.05	700	170	48	<1	400	315	88	34.7	19.0	275	66	27	113	195	1218	934	18	1.21	0.91	<0.002	23	△0.1
Aug-21			0.0	7.04	1578	14	<1	0.06	490	140	32	<1	356	225	96	22.4	12.3	245	54	27	148	169	918	592	46	1.02	0.81	<0.002	21	△0.1
Sep-21			0.0	7.06	1272	10	<1	<0.05	230	78	7	<1	298	215	104	14.6	7.8	180	52	12	88	117	760	638	8	1.23	0.92	<0.002	14	△0.1
Oct-21			0.0	7.25	1362	12	2.2	0.34	210	78	11	<1	412	240	64	15.7	8.4	245	80	11	130	217	812	686	24	1.74	1.11	<0.002	16	△0.1
Nov-21			4.0	6.74	433	6	<1	<0.05	210	45	118	<1	174	58	32	3.4	2.0	104	30	7	41	37	242	222	102	0.98	0.72	<0.002	5	△0.1
Dec-21			5.4	7.21	287	8	<1	<0.05	170	93	28	<1	188	50	48	4.5	2.2	98	24	9	36	30	170	152	6	1.12	0.88	<0.002	4	△0.1
Jan-22			5.5	7.40	398	7	<1	<0.05	170	68	196	<1	180	50	40	9.0	5.0	110	26	11	45	36	236	200	88	1.24	0.92	<0.002	6	△0.1
Feb-22			0.0	7.42	1140	10	<1	<0.05	110	490	4	<1	380	168	40	6.7	3.4	310	56	41	114	145	684	596	10	1.42	1.04	<0.002	13	△0.1
Mar-22			1.5	7.27	1482	13	<1	<0.05	68	340	15	<1	500	227	112	9.0	5.0	270	68	24	130	171	816	756	20	1.73	1.31	<0.002	15	△0.1
May-21	10038	Adyar At Kotturpuram Bridge	0.0	7.93	2550	14	<1	<0.05	78	460	44	<1	540	1525	120	34.7	19.6	280	64	29	175	86	1512	1118	22	0.9	**	<0.002	17	△0.1
Jun-21			0.0	7.93	2550	14	<1	<0.05	78	460	44	<1	540	1525	120	34.7	19.6	280	64	29	175	86	1512	1118	22	0.9	**	<0.002	17	△0.1
Jul-21			0.0	7.70	4220	17	<1	<0.05	940	230	25	<1	370	1075	104	33.6	18.5	340	76	36	182	410	2526	2210	38	2.1	1.73	<0.002	30	△0.1
Aug-21			0.0	7.01	2230	17	<1	0.12	940	230	22	<1	336	480	184	39.2	21.8	280	64	29	161	237	1294	944	38	1.14	0.90	<0.002	24	△0.1
Sep-21			0.0	7.05	2760	18	<1	<0.05	490	78	6	<1	296	660	176	12.3	6.7	305	66	34	160	283	1742	1404	16	1.21	0.94	<0.002	23	△0.1
Oct-21			0.0	7.23	2540	11	0.5	0.44	170	45	7	<1	374	685	88	19.0	10.6	340	64	44	175	337	1424	1280	26	1.68	1.04	<0.002	25	△0.1
Nov-21			4.7	6.79	422	5	0.7	<0.05	490	78	110	<1	150	62	56	3.4	2.0	100	31	5	42	40	238	216	100	1.02	0.84	<0.002	6	△0.1
Dec-21			4.7	7.16	342	7	<1	<0.05	210	78	28	<1	162	56	40	5.6	2.8	104	26	10	36	34	200	172	4	1.06	0.95	<0.002	5	△0.1
Jan-22			5.4	7.33	531	5	<1	<0.05	78	20	21	10	202	65	24	10.1	5.6	150	38	13	54	52	314	262	10	1.08	0.86	<0.002	7	△0.1
Feb-22			2.3	7.30	2100	5	<1	<0.05	20	110	1	<1	440	505	48	6.7	3.9	400	76	51	151	365	1324	1156	14	1.86	1.32	<0.002	20	△0.1
Mar-22			1.2	7.15	3950	15	<1	<0.05	78	460	13	<1	562	1125	192	10.1	5.0	490	84	68	246	571	2286	2060	22	1.84	1.24	<0.002	31	△0.1

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10039	Adyar Near Boat Club	0.0	7.37	2630	25	<1	0.07	140	940	43	<1	490	390	152	44.8	25.2	270	68	24	189	85	1478	1094	24	1.0	**	<0.002	15	<0.1
Jul-21			0.0	7.34	4890	37	<1	<0.05	1400	490	26	<1	350	1250	176	26.9	15.1	440	80	58	177	475	2864	2508	62	2.02	1.75	<0.002	33	<0.1
Aug-21			0.0	7.11	2780	20	<1	<0.05	700	170	26	<1	344	645	168	40.3	22.4	330	70	38	166	267	1580	1264	34	2.96	2.88	<0.002	26	<0.1
Sep-21			0.0	7.07	5020	29	<1	<0.05	790	230	4	<1	274	1350	192	13.4	7.3	505	74	18	240	381	3248	2716	36	2.84	2.78	<0.002	30	<0.1
Oct-21			0.0	7.17	4290	13	1.62	0.59	230	78	6	<1	370	1015	96	14.6	8.4	505	50	92	209	546	2474	2260	38	1.96	1.07	<0.002	35	<0.1
Nov-21			1.8	6.79	556	7	0.52	<0.05	230	78	40	<1	260	84	32	5.6	2.8	140	35	13	61	70	314	280	42	2.14	1.22	<0.002	9	<0.1
Dec-21			3.9	7.10	303	7	<1	<0.05	460	78	15	<1	206	56	56	7.8	4.5	106	27	9	37	34	176	154	6	1.24	1.07	<0.002	5	<0.1
Jan-22			3.9	7.28	595	8	<1	<0.05	230	78	19	<1	208	65	48	12.3	6.7	152	42	12	57	53	350	296	8	1.26	0.98	<0.002	7	<0.1
Feb-22			2.1	7.25	2250	8	<1	<0.05	45	170	4	<1	410	560	40	7.8	4.5	405	64	60	163	402	1342	1194	16	1.92	1.64	<0.002	22	<0.1
Mar-22			4.7	7.11	7310	8	<1	<0.05	230	700	16	<1	438	2249	160	11.2	5.6	830	102	140	457	943	4132	3872	46	1.78	1.42	<0.002	40	<0.1
Apr-21	10040	Cooum At Anna Nagar	0.0	7.42	2560	39	<1	0.14	460	1700	188	<1	500	370	256	52.6	29.1	350	72	41	182	81	1496	1048	210	2.0	**	<0.002	23	<0.1
May-21			0.0	7.43	2590	32	<1	0.07	460	1100	185	<1	510	2675	176	47.0	26.3	370	76	44	185	84	1548	1140	54	0.97	**	<0.002	26	<0.1
Jun-21			0.0	7.43	2590	32	<1	0.07	460	1100	185	<1	510	2675	176	47.0	26.3	370	76	44	185	84	1548	1140	54	0.97	**	<0.002	26	<0.1
Jul-21			0.0	7.34	2700	49	<1	<0.05	1400	490	79	<1	440	415	256	33.6	19.0	325	84	28	173	227	1416	1160	84	1.78	1.39	<0.002	29	<0.1
Aug-21			0.0	7.00	1856	106	<1	0.13	1300	490	67	<1	362	340	304	37.0	20.7	245	58	24	136	180	1112	860	86	3.62	3.35	<0.002	23	<0.1
Sep-21			0.0	7.07	1916	69	<1	<0.05	1100	460	68	<1	430	400	256	29.1	16.2	250	64	22	147	192	1136	948	102	3.59	3.18	<0.002	22	<0.1
Oct-21			0.0	7.02	1632	53	<1	0.44	940	230	83	<1	460	300	256	25.8	14.0	195	38	24	127	194	970	846	124	2.04	1.89	<0.002	21	<0.1
Nov-21			2.2	6.88	628	12	<1	<0.05	700	110	41	<1	220	80	72	4.5	2.2	136	24	18	65	64	356	320	28	2.26	1.86	<0.002	8	<0.1
Dec-21			3.3	7.12	405	8	<1	<0.05	790	130	25	<1	192	75	64	3.4	2.0	114	31	9	46	55	236	208	8	1.32	1.09	<0.002	6	<0.1
Jan-22			4.8	7.24	699	7	<1	<0.05	140	40	23	20	264	91	24	6.7	2.8	164	42	14	68	81	414	348	24	1.46	1.12	<0.002	7	<0.1
Feb-22			0.0	7.17	1409	21	<1	<0.05	490	1700	9	<1	494	227	120	10.1	5.6	315	80	28	158	208	830	738	34	2.02	1.57	<0.002	18	<0.1
Mar-22			0.0	7.12	1877	45	<1	<0.05	490	1300	89	<1	636	325	288	19.0	10.6	325	76	32	143	225	1072	974	126	2.14	1.63	<0.002	21	<0.1

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10041	Cooum At Arumbakkam	0.0	7.39	2650	32	<1	0.11	460	1400	353	<1	510	360	256	54.8	30.8	270	68	24	156	83	1488	1064	156	2.0	**	<0.002	25	<0.1
May-21			0.0	7.28	2520	29	<1	0.14	200	940	355	<1	500	350	256	24.6	14.0	260	76	17	155	84	1506	1080	58	2.0	**	<0.002	27	<0.1
Jun-21			0.0	7.28	2520	29	<1	0.14	200	940	355	<1	500	350	256	24.6	14.0	260	76	17	155	84	1506	1080	58	2.0	**	<0.002	27	<0.1
Jul-21			0.0	7.37	2670	177	<1	<0.05	1400	700	94	<1	400	410	368	45.9	25.8	325	88	26	192	225	1420	1152	206	2.10	1.75	<0.002	29	<0.1
Aug-21			0.0	6.91	1836	86	<1	0.15	1100	140	89	<1	382	335	256	38.1	21.3	235	68	16	209	194	1100	842	102	3.41	3.03	<0.002	24	<0.1
Sep-21			0.0	7.03	1913	92	<1	<0.05	1700	790	65	<1	480	365	272	26.9	15.1	230	66	16	134	181	1118	956	96	3.23	3.10	<0.002	21	<0.1
Oct-21			0.0	7.00	1642	42	<1	0.70	700	330	62	<1	440	310	176	16.8	9.5	230	66	16	130	197	982	868	80	2.16	1.96	<0.002	21	<0.1
Nov-21			1.4	6.87	596	8	0.66	<0.05	460	110	54	<1	236	96	48	5.6	2.8	125	40	6	68	64	348	304	74	2.68	1.22	<0.002	8	<0.1
Dec-21			2.9	7.17	423	11	<1	<0.05	490	130	31	<1	196	73	56	9.0	5.0	114	30	9	48	58	248	212	10	1.16	1.08	<0.002	7	<0.1
Jan-22			4.3	7.18	664	8	<1	<0.05	330	78	22	10	246	99	48	3.4	2.0	168	42	16	71	78	386	334	18	1.24	1.04	<0.002	7	<0.1
Feb-22			0.0	7.06	1384	25	<1	<0.05	230	1300	26	<1	472	217	128	11.2	6.2	335	72	38	174	195	838	730	28	1.96	1.48	<0.002	16	0.81
Mar-22			0.0	7.09	1729	78	<1	<0.05	460	1700	124	<1	546	290	360	16.8	9.0	325	72	35	154	219	994	906	250	2.06	1.56	<0.002	20	<0.1
Apr-21	10042	Cooum At Amanjikarai	0.0	7.33	2460	37	<1	<0.05	130	460	226	<1	520	350	264	49.2	27.4	230	72	12	169	180	1376	964	134	2.0	**	<0.002	23	<0.1
May-21			0.0	7.53	2780	36	<1	0.12	790	1400	225	<1	530	325	264	39.2	21.8	240	68	17	165	183	1580	1162	46	2.0	**	<0.002	29	<0.1
Jun-21			0.0	7.53	2780	36	<1	0.12	790	1400	225	<1	530	325	264	39.2	21.8	240	68	17	165	183	1580	1162	46	2.0	**	<0.002	29	<0.1
Jul-21			0.0	7.34	2700	210	<1	0.06	1300	490	136	<1	440	400	584	44.8	25.2	325	86	27	240	227	1494	1176	238	1.69	1.21	<0.002	30	<0.1
Aug-21			0.0	7.04	1850	92	<1	<0.05	1400	700	142	<1	408	350	296	40.3	22.4	270	64	27	152	193	1110	856	210	2.68	2.43	<0.002	23	<0.1
Sep-21			0.0	7.06	1973	168	<1	<0.05	2200	940	126	<1	470	365	304	34.7	19.6	270	56	31	160	200	1164	1002	188	2.62	2.51	<0.002	23	<0.1
Oct-21			0.0	6.99	1632	127	<1	0.13	1700	790	67	<1	440	285	336	15.7	9.0	245	62	22	127	192	974	842	162	1.76	1.10	<0.002	21	<0.1
Nov-21			2.7	6.95	615	13	<1	<0.05	1100	140	74	<1	244	82	96	2.2	<2	125	42	5	56	61	346	306	70	1.96	1.41	<0.002	8	<0.1
Dec-21			1.6	7.30	462	14	<1	<0.05	1100	140	21	<1	196	71	96	4.5	2.2	116	30	10	46	57	270	236	14	1.24	1.01	<0.002	7	<0.1
Jan-22			4.0	7.16	699	8	<1	<0.05	700	170	19	<1	240	97	56	4.5	2.2	170	42	16	67	77	418	344	18	1.66	1.22	<0.002	8	<0.1
Feb-22			0.0	6.99	1438	23	<1	<0.05	790	2400	19	<1	448	212	136	10.1	5.6	295	72	28	158	180	796	742	36	2.12	1.62	<0.002	16	<0.1
Mar-22			0.0	7.01	1901	84	<1	<0.05	330	1400	199	<1	588	315	376	20.2	11.2	325	82	29	143	255	1116	1008	316	2.32	1.72	<0.002	25	<0.1

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10043	Cooum At Poonamall	0.0	7.60	3000	9	1.7	0.24	78	230	279	<1	530	430	64	30.2	17.4	450	108	44	140	189	1796	1210	56	2.0	**	<0.002	25	<0.1
May-21			0.0	7.83	3100	48	<1	0.12	790	1700	277	<1	520	345	164	30.2	16.8	420	108	36	142	185	1836	1374	62	2.0	**	<0.002	25	<0.1
Jun-21			0.0	7.83	3100	48	<1	0.12	790	1700	277	<1	520	345	164	30.2	16.8	420	108	36	142	185	1836	1374	62	2.0	**	<0.002	25	<0.1
Jul-21			0.0	7.69	2820	28	<1	0.10	1100	490	144	<1	400	410	120	35.8	19.6	405	104	35	158	223	1648	1292	46	1.99	1.68	<0.002	30	<0.1
Aug-21			0.0	7.17	2260	28	<1	<0.05	940	170	107	<1	456	400	152	44.8	25.2	355	94	29	228	223	1260	1036	24	2.92	2.75	<0.002	26	<0.1
Sep-21			0.0	7.38	2130	29	<1	0.06	700	230	16	<1	436	380	184	15.7	8.4	370	98	30	197	214	1246	1110	38	2.75	2.69	<0.002	24	<0.1
Oct-21			0.0	7.40	2380	19	<1	0.69	330	78	31	<1	730	465	136	28.0	15.7	435	110	39	222	320	1430	1224	50	1.92	1.19	<0.002	31	<0.1
Nov-21			1.3	6.88	639	10	1.0	<0.05	790	110	60	<1	236	91	40	3.4	2.0	155	110	13	66	73	378	324	84	1.64	1.24	<0.002	9	<0.1
Dec-21			2.2	7.24	378	9	<1	<0.05	700	170	24	<1	200	70	48	2.2	<2	108	31	7	40	51	216	198	8	1.46	1.19	<0.002	6	<0.1
Jan-22			5.7	7.18	639	6	<1	<0.05	210	40	22	10	200	85	32	6.7	3.4	158	44	12	63	71	386	318	20	1.73	1.36	<0.002	7	<0.1
Feb-22			5.9	7.25	1273	2	<1	<0.05	<1.8	78	9	<1	396	187	32	3.4	2.2	290	78	23	128	164	768	664	14	2.36	1.86	<0.002	13	<0.1
Mar-22			0.0	7.18	1708	12	<1	<0.05	78	230	15	<1	550	305	128	6.7	3.9	455	78	63	157	210	956	868	14	2.46	1.68	<0.002	17	<0.1
Apr-21	10044	Cooum At Collage Road	0.0	7.80	2570	22	<1	0.25	140	700	116	<1	470	375	128	43.6	24.1	350	104	22	89	175	1442	960	92	2.0	**	<0.002	21	<0.1
May-21			0.0	7.62	2690	20	<1	0.08	480	1100	112	<1	460	420	128	44.8	25.2	350	100	24	90	176	1596	1170	38	2.0	**	<0.002	23	<0.1
Jun-21			0.0	7.62	2690	20	<1	0.08	480	1100	112	<1	460	420	128	44.8	25.2	350	100	24	90	176	1596	1170	38	2.0	**	<0.002	23	<0.1
Jul-21			0.0	7.54	2550	26	<1	0.08	490	110	41	<1	420	380	168	54.9	30.8	305	84	23	138	223	1480	1100	62	2.02	1.78	<0.002	28	<0.1
Aug-21			0.0	7.01	1890	18	<1	<0.05	700	140	58	<1	404	315	176	45.9	25.8	265	16	24	184	207	1170	886	40	2.63	2.33	<0.002	25	<0.1
Sep-21			0.0	7.25	2090	51	<1	<0.05	940	330	62	<1	464	330	208	30.2	16.8	280	78	21	135	202	1242	1026	68	2.59	2.41	<0.002	24	<0.1
Oct-21			0.0	7.00	1858	24	<1	0.70	790	110	41	<1	520	285	128	24.6	13.4	265	74	19	135	200	1108	950	94	2.13	1.99	<0.002	21	<0.1
Nov-21			0.0	6.80	831	12	<1	0.67	790	130	37	<1	280	124	64	10.1	5.0	170	52	10	106	96	484	422	30	1.86	0.76	<0.002	15	<0.1
Dec-21			1.5	7.17	419	15	<1	<0.05	700	92	33	<1	198	78	104	3.4	2.0	118	36	7	46	60	240	214	26	1.62	1.22	<0.002	7	<0.1
Jan-22			2.7	7.28	651	9	<1	<0.05	790	170	14	20	244	97	56	3.4	2.0	170	44	15	64	73	384	322	30	1.64	1.06	<0.002	7	<0.1
Feb-22			0.0	7.14	1491	13	<1	<0.05	110	790	8	<1	448	230	56	11.2	6.2	305	82	24	137	199	890	788	10	2.64	2.02	<0.002	17	<0.1
Mar-22			0.0	7.19	1987	33	<1	<0.05	78	630	28	<1	770	340	152	16.8	9.5	350	84	34	162	251	1182	1016	38	2.52	1.98	<0.002	24	<0.1

# Annual data for National River Conservation Project - April 2021 to March 2022

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
Apr-21	10045	Cooum Near Central Jail	0.0	7.31	2570	15	1.0	<0.05	700	1700	14	<1	450	400	96	56.0	30.8	310	72	32	70	179	1450	972	66	2.0	**	<0.002	23	<0.1
May-21			0.0	7.45	2830	32	<1	0.1	790	1700	15	<1	440	375	240	45.6	25.2	320	72	34	72	166	1572	1164	32	1.0	**	<0.002	29	<0.1
Jun-21			0.0	7.45	2830	32	<1	0.1	790	1700	15	<1	440	375	240	45.6	25.2	320	72	34	72	166	1572	1164	32	1.0	**	<0.002	29	<0.1
Jul-21			0.0	7.30	2780	111	<1	0.16	2200	940	56	<1	430	445	368	48.2	26.9	330	76	34	295	220	1440	1138	218	1.96	1.27	<0.002	31	<0.1
Aug-21			0.0	6.93	1979	76	<1	0.19	1300	490	79	<1	400	385	264	38.1	21.3	275	78	19	154	192	1192	894	106	2.72	2.49	<0.002	27	<0.1
Sep-21			0.0	7.02	2140	40	<1	<0.05	790	170	21	<1	450	395	216	31.4	17.4	280	84	17	157	211	1264	1110	38	2.64	2.32	<0.002	30	<0.1
Oct-21			0.0	7.13	1521	128	<1	0.82	2200	1400	60	<1	410	255	288	30.2	16.8	225	62	17	102	171	910	768	144	2.32	1.78	<0.002	20	<0.1
Nov-21			3.0	6.70	1021	6	<1	0.65	130	20	8	<1	322	136	32	10.1	5.6	205	64	11	124	109	600	526	16	1.04	0.94	<0.002	14	<0.1
Dec-21			0.9	6.84	975	18	<1	<0.05	940	170	12	<1	220	151	128	9.0	5.0	220	62	16	104	113	568	510	38	1.58	1.37	<0.002	19	<0.1
Jan-22			0.0	6.90	1209	12	5.3	0.18	1100	330	17	<1	326	165	80	7.8	4.5	265	76	18	123	40	700	616	14	1.88	1.46	<0.002	1	<0.1
Feb-22			0.0	7.11	2060	42	<1	<0.05	1300	5400	21	<1	740	350	224	25.8	14.0	330	78	33	135	238	1100	1010	42	2.82	2.34	<0.002	26	0.75
Mar-22			0.0	7.15	2300	78	<1	<0.05	330	1100	51	<1	670	530	296	23.5	13.4	360	78	40	109	253	1352	1220	124	2.73	2.14	<0.002	26	<0.1
Apr-21	10046	Napier Bridge	0.0	7.61	6090	13	<1	0.4	330	1400	39	<1	470	1550	88	31.4	17.4	680	96	107	225	165	3106	2742	48	2.0	**	<0.002	27	<0.1
May-21			0.0	7.56	3580	18	<1	<0.05	330	940	38	<1	470	425	96	33.6	19.6	740	120	107	225	167	2048	1560	18	2.0	**	<0.002	30	<0.1
Jun-21			0.0	7.56	3580	18	<1	<0.05	330	940	38	<1	470	425	96	33.6	19.6	740	120	107	225	167	2048	1560	18	2.0	**	<0.002	30	<0.1
Jul-21			0.0	7.55	3930	56	<1	0.08	1100	460	21	<1	350	860	264	33.6	18.5	370	76	44	207	288	2086	1692	180	2.13	1.79	<0.002	28	<0.1
Aug-21			0.0	6.84	26300	32	<1	<0.05	940	230	16	<1	276	9350	520	20.2	11.2	2850	60	656	474	4169	15880	14336	42	3.01	2.95	<0.002	232	<0.1
Sep-21			0.0	7.89	37700	128	<1	<0.05	2800	1300	42	<1	260	13450	264	17.9	10.1	4150	341	8	1125	4682	24500	20736	418	3.66	2.42	<0.002	339	<0.1
Oct-21			0.0	7.00	3810	28	<1	0.97	490	140	17	<1	434	990	144	13.4	7.3	550	80	85	214	495	2186	1946	62	2.08	1.75	<0.002	36	<0.1
Nov-21			2.2	6.79	1000	9	<1	0.58	700	140	5	<1	370	131	48	10.1	5.0	200	62	11	107	102	592	512	40	2.32	1.08	<0.002	15	<0.1
Dec-21			0.0	7.01	1341	180	<1	<0.05	2800	790	138	<1	274	270	392	6.7	3.4	255	58	27	113	138	786	668	472	1.68	1.16	<0.002	18	<0.1
Jan-22			0.0	6.91	1177	11	<1	<0.05	790	140	4	<1	310	170	72	7.8	4.5	255	66	22	118	170	704	602	10	1.73	1.23	<0.002	24	0.95
Feb-22			0.0	6.84	22300	17	<1	<0.05	140	700	5	<1	450	8800	208	14.6	7.8	2750	341	462	1129	3310	15998	13990	38	2.04	1.92	<0.002	132	0.85
Mar-22			0.0	6.85	10700	14	<1	<0.05	170	490	16	<1	560	3500	136	17.9	10.1	1340	144	238	706	1758	6506	5672	76	2.87	2.06	<0.002	76	<0.1

Annual data for National River Conservation Project - April 2021 to March 2022

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10047	Otteri Nullah (origin)	0.0	7.31	2890	27	<1	<0.05	45	230	46	<1	550	415	168	64.9	36.4	350	84	34	154	197	1538	1160	114	2.0	**	<0.002	29	<0.1
May-21			0.0	7.26	2820	29	<1	<0.05	230	1100	45	<1	560	425	176	52.6	29.1	350	104	22	165	87	1644	1230	44	2.0	**	<0.002	22	<0.1
Jun-21			0.0	7.26	2820	29	<1	<0.05	230	1100	45	<1	560	425	176	52.6	29.1	350	104	22	165	87	1644	1230	44	2.0	**	<0.002	22	<0.1
Jul-21			0.0	7.25	3010	71	<1	0.10	2800	1100	51	<1	480	470	272	54.9	30.8	400	104	34	160	216	1744	1358	92	1.28	0.90	<0.002	29	<0.1
Aug-21			0.0	7.00	2150	110	<1	0.09	2200	940	107	<1	464	475	232	34.7	19.0	400	76	51	206	188	1256	970	138	1.26	1.07	<0.002	24	<0.1
Sep-21			0.0	7.20	2260	66	<1	<0.05	1100	330	34	<1	510	450	152	31.4	17.4	350	88	31	227	216	1340	1126	76	3.06	2.49	<0.002	26	<0.1
Oct-21			0.0	6.96	2430	61	<1	<0.05	940	230	46	<1	616	405	280	35.8	19.6	350	88	32	184	276	1438	1268	108	1.96	1.80	<0.002	28	<0.1
Nov-21			3.0	6.70	1021	6	<1	0.65	130	20	8	<1	322	136	32	10.1	5.6	205	64	11	124	109	600	526	16	1.04	0.94	<0.002	14	<0.1
Dec-21			1.2	6.90	845	14	<1	<0.05	460	45	6	<1	316	172	88	4.5	2.8	215	64	13	98	116	484	432	10	1.12	0.97	<0.002	14	<0.1
Jan-22			0.0	6.94	1523	46	<1	<0.05	1300	490	765	<1	430	215	208	12.3	6.7	320	82	28	146	185	900	792	12	2.82	2.32	<0.002	24	0.37
Feb-22			0.0	7.14	2220	72	<1	<0.05	1100	5400	901	<1	710	375	312	20.2	11.2	435	112	38	195	244	1388	1174	1234	2.42	2.16	<0.002	26	0.90
Mar-22			0.0	7.10	1987	69	<1	<0.05	790	2200	33	<1	746	385	264	21.3	11.8	420	102	40	155	242	1118	1004	72	2.52	2.16	<0.002	24	<0.1
Apr-21	10048	Otteri Nullah (kilpauk Garden)	0.0	7.50	2540	21	<1	0.12	460	1100	22	<1	500	360	152	50.4	28.0	350	96	27	105	85	1480	1036	40	2.0	**	<0.002	24	<0.1
May-21			0.0	7.30	2480	20	<1	<0.05	78	490	23	<1	490	330	96	49.2	27.4	320	96	19	110	82	1456	1060	22	2.0	**	<0.002	25	<0.1
Jun-21			0.0	7.30	2480	20	<1	<0.05	78	490	23	<1	490	330	96	49.2	27.4	320	96	19	110	82	1456	1060	22	2.0	**	<0.002	25	<0.1
Jul-21			0.0	7.38	2610	49	<1	<0.05	1300	230	27	<1	450	375	208	50.4	28.0	390	100	34	120	192	1524	1160	74	1.21	0.64	<0.002	25	<0.1
Aug-21			0.0	7.00	2070	68	<1	0.08	1400	460	83	<1	414	365	192	33.6	18.5	315	78	29	189	192	1194	912	82	1.92	1.73	<0.002	22	<0.1
Sep-21			0.0	7.19	2320	32	<1	<0.05	490	130	20	<1	500	330	160	24.6	14.0	370	92	34	192	202	1384	1170	42	1.41	1.21	<0.002	25	<0.1
Oct-21			0.0	7.07	2130	39	<1	<0.05	340	78	23	<1	670	360	264	38.1	21.3	360	84	36	125	273	1240	1112	46	2.16	1.88	<0.002	28	<0.1
Nov-21			0.0	6.69	623	12	<1	0.49	1100	140	21	<1	268	103	40	9.0	5.0	150	44	10	79	88	364	314	10	1.12	0.96	<0.002	12	<0.1
Dec-21			2.5	6.83	923	13	<1	<0.05	790	230	10	<1	252	154	88	4.5	2.2	215	66	12	98	115	536	474	14	1.82	1.46	<0.002	13	<0.1
Jan-22			0.0	6.83	1156	18	<1	<0.05	1100	230	12	<1	320	180	88	6.7	3.9	250	70	18	125	141	692	600	20	3.02	2.58	<0.002	16	<0.1
Feb-22			0.0	7.08	2060	40	<1	<0.05	790	1700	47	<1	710	340	152	23.5	12.9	400	90	43	144	227	1236	1062	96	2.72	2.42	<0.002	22	0.50
Mar-22			0.0	7.10	1987	69	<1	<0.05	790	2200	33	<1	746	385	264	21.3	11.8	420	102	40	155	242	1118	1004	72	2.52	2.16	<0.002	24	<0.1

# Annual data for National River Conservation Project - April 2021 to March 2022

Month & year	Station Code	Name of station	Water Quality Parameters																											
			D.O mg/L	pH	Conductivity mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
Apr-21	10049	Captain Cotton Canal (Erukjanjeri)	0.0	7.57	2103	14	1.40	0.38	78	230	27	<1	440	300	72	40.3	22.4	200	54	16	128	149	1196	840	30	1.0	**	<0.002	21	<0.1
May-21			0.0	7.51	2103	28	<1	<0.05	330	940	27	<1	440	300	184	38.1	21.3	420	104	39	129	152	1242	850	18	2.0	**	<0.002	23	<0.1
Jun-21			0.0	7.51	2103	28	<1	<0.05	330	940	27	<1	440	300	184	38.1	21.3	420	104	39	129	152	1242	850	18	2.0	**	<0.002	23	<0.1
Jul-21			0.0	7.66	1980	14	<1	<0.05	700	490	5	<1	310	305	200	33.6	18.5	220	52	22	153	183	1156	850	22	0.96	0.57	<0.002	20	<0.1
Aug-21			0.0	6.89	1410	21	<1	0.15	940	170	11	<1	286	255	144	19.0	11.8	155	48	9	175	135	840	604	28	1.76	1.59	<0.002	15	<0.1
Sep-21			0.0	6.99	1582	16	<1	<0.05	340	110	13	<1	330	295	120	20.2	11.2	210	92	34	129	164	936	794	28	1.86	1.83	<0.002	18	<0.1
Oct-21			0.0	7.10	1256	20	<1	0.82	230	45	16	<1	330	185	96	21.3	11.8	160	40	15	110	163	750	644	24	1.14	0.94	<0.002	14	<0.1
Nov-21			0.0	6.74	876	12	<1	0.07	790	170	11	<1	330	125	48	14.6	7.8	210	66	11	128	94	520	440	16	1.24	0.84	<0.002	14	<0.1
Dec-21			3.0	6.86	697	15	<1	<0.05	700	93	6	<1	260	120	96	5.6	2.2	200	64	10	80	101	406	360	26	3.12	2.74	<0.002	14	<0.1
Jan-22			0.0	6.82	1142	12	<1	<0.05	330	78	10	<1	366	157	64	3.4	2.0	245	72	16	122	153	690	570	12	0.96	0.74	<0.002	16	<0.1
Feb-22			0.0	7.36	1660	18	<1	<0.05	78	700	13	<1	544	275	104	20.2	11.2	265	66	24	134	252	874	742	22	2.68	2.16	<0.002	22	0.46
Mar-22			0.0	7.20	1622	41	<1	<0.05	170	700	58	<1	554	275	136	15.7	9.0	260	56	29	135	215	904	820	10	2.66	2.32	<0.002	18	<0.1
Apr-21	10051	Buckingham Canal X Otteri Nullah	0.0	7.33	2780	18	<1	<0.05	140	790	32	<1	540	440	72	49.3	27.4	290	72	27	110	187	1560	1142	38	2.0	**	<0.002	27	<0.1
May-21			0.0	7.52	2620	20	<1	<0.05	220	700	183	<1	520	460	136	51.5	28.6	300	76	27	110	189	1534	1108	16	2.0	**	<0.002	22	<0.1
Jun-21			0.0	7.52	2620	20	<1	<0.05	220	700	183	<1	520	460	136	51.5	28.6	300	76	27	110	189	1534	1108	16	2.0	**	<0.002	22	<0.1
Jul-21			0.0	7.35	2660	39	<1	<0.05	1100	140	18	<1	410	430	112	49.3	28.0	325	76	33	98	218	1590	1202	104	1.94	1.78	<0.002	31	<0.1
Aug-21			0.0	6.86	2200	42	<1	<0.05	1100	460	28	<1	420	400	224	22.4	12.9	275	66	27	179	215	1290	1008	68	2.5	2.39	<0.002	31	<0.1
Sep-21			0.0	6.85	2100	57	<1	<0.05	1400	490	37	<1	450	350	216	32.5	17.9	205	104	11	140	219	1254	1066	60	1.92	1.78	<0.002	31	<0.1
Oct-21			0.0	6.96	1420	27	<1	0.89	790	170	24	<1	400	265	128	25.8	14.0	210	58	16	92	170	842	720	28	1.69	1.08	<0.002	19	<0.1
Nov-21			0.0	6.76	892	10	<1	0.59	490	78	10	<1	330	113	56	6.7	3.9	190	56	12	103	92	532	450	14	0.96	0.66	<0.002	14	<0.1
Dec-21			1.9	6.94	800	16	<1	<0.05	790	78	7	<1	270	147	104	5.6	2.8	225	64	16	89	101	466	404	18	3.46	3.08	<0.002	13	<0.1
Jan-22			0.0	6.89	1181	10	<1	<0.05	230	45	8	<1	298	162	64	7.8	4.5	295	70	29	127	156	710	594	10	1.46	1.23	<0.002	17	0.87
Feb-22			0.0	7.12	1831	9	<1	<0.05	78	330	13	<1	626	300	48	21.3	11.8	310	74	30	58	248	1086	924	22	2.07	1.86	<0.002	28	0.26
Mar-22			0.0	7.11	1909	32	<1	<0.05	170	790	39	<1	750	310	176	19.0	10.6	335	78	34	119	212	1088	992	56	2.54	1.56	<0.002	22	<0.1

Annual data for National River Conservation Project - April 2021 to March 2022

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10054	Buckingham Canal (Ice House)	0.0	7.03	1846	31	<1	0.24	490	1400	62	<1	370	240	136	45.9	25.2	200	50	18	161	157	1096	780	52	1.0	**	<0.002	19	<0.1
May-21			0.0	7.18	2450	18	<1	<0.05	230	790	61	<1	360	210	104	50.4	28.0	205	52	18	162	159	1440	1064	30	2.0	**	<0.002	20	<0.1
Jun-21			0.0	7.18	2450	18	<1	<0.05	230	790	61	<1	360	210	104	50.4	28.0	205	52	18	162	159	1440	1064	30	2.0	**	<0.002	20	<0.1
Jul-21			0.0	7.11	1829	34	<1	0.09	1300	230	57	<1	340	240	128	44.8	24.6	220	52	22	134	146	1030	724	88	1.84	1.28	<0.002	24	<0.1
Aug-21			0.0	6.95	1418	38	<1	<0.05	940	230	96	<1	380	215	248	20.2	11.2	150	46	9	93	136	842	596	66	1.42	1.14	<0.002	21	<0.1
Sep-21			0.0	6.89	1415	11	<1	<0.05	220	78	29	<1	360	245	192	31.4	17.4	175	60	6	78	136	842	718	16	2.37	2.16	<0.002	21	<0.1
Oct-21			0.0	6.62	841	20	<1	0.34	330	78	21	<1	280	117	152	14.6	8.4	126	40	6	91	100	504	424	20	1.42	1.03	<0.002	11	<0.1
Nov-21			0.0	6.66	985	13	<1	<0.05	1400	230	24	<1	340	127	64	17.9	9.5	190	60	10	112	98	584	510	28	0.84	0.80	<0.002	18	<0.1
Dec-21			0.0	6.93	1022	21	<1	<0.05	790	140	9	<1	300	180	120	4.5	2.2	240	68	17	103	108	584	522	30	0.84	<0.5	<0.002	18	<0.1
Jan-22			0.0	6.69	1183	12	<1	<0.05	700	110	12	<1	406	162	72	7.8	3.9	260	78	16	137	163	712	606	10	1.22	0.96	<0.002	24	<0.1
Feb-22			0.0	6.91	1322	10	<1	<0.05	230	940	12	<1	464	200	72	16.8	9.5	235	52	26	124	193	770	686	24	2.12	1.62	<0.002	24	0.69
Mar-22			0.0	6.83	1648	25	<1	<0.05	230	940	26	<1	560	305	168	21.3	11.8	250	54	28	157	177	972	854	28	2.07	1.72	<0.002	20	<0.1
Apr-21	10056	Mambalam Drain (golf Course)	0.0	7.37	1399	9	<1	<0.05	490	1700	43	<1	380	170	104	38.0	21.8	175	46	15	427	115	830	572	42	2.0	**	<0.002	15	<0.1
May-21			0.0	7.20	1314	10	<1	<0.05	45	230	44	<1	380	225	72	28.0	15.7	185	46	17	129	117	752	440	14	1.67	**	<0.002	16	<0.1
Jun-21			0.0	7.20	1314	10	<1	<0.05	45	230	44	<1	380	225	72	28.0	15.7	185	46	17	129	117	752	440	14	1.67	**	<0.002	16	<0.1
Jul-21			0.0	7.26	1725	34	<1	<0.05	940	140	15	<1	330	235	248	34.7	19.6	215	54	19	106	149	970	684	48	1.96	1.08	<0.002	22	<0.1
Aug-21			0.0	7.00	1154	70	<1	<0.05	1300	490	29	<1	370	205	472	21.3	11.8	160	40	15	130	116	688	470	72	1.36	1.04	<0.002	22	<0.1
Sep-21			0.0	7.04	1447	14	<1	<0.05	330	110	31	<1	460	270	168	32.5	17.9	225	52	23	91	143	858	726	20	1.56	1.09	<0.002	23	<0.1
Oct-21			0.0	6.70	766	30	<1	1.02	1100	230	60	<1	270	105	224	15.7	8.4	114	26	12	45	93	452	390	64	1.98	1.12	<0.002	11	<0.1
Nov-21			3.9	6.76	734	5	<1	0.69	78	<1.8	4	<1	370	97	40	6.7	3.4	150	42	11	75	89	438	382	8	0.98	0.62	<0.002	15	<0.1
Dec-21			1.5	6.71	1219	12	<1	<0.05	490	93	13	<1	390	200	96	6.7	2.8	275	76	21	114	124	706	630	24	1.56	1.19	<0.002	21	<0.1
Jan-22			0.0	6.82	1057	11	<1	<0.05	790	170	7	<1	420	135	64	5.6	2.8	215	66	12	99	145	624	530	6	1.48	1.24	<0.002	17	<0.1
Feb-22			0.0	7.11	1167	19	<1	<0.05	330	1100	21	<1	466	157	136	15.7	8.4	225	58	19	119	164	698	604	48	1.56	1.02	<0.002	21	0.55
Mar-22			0.0	6.77	1535	56	<1	<0.05	790	1700	77	<1	570	245	280	17.9	10.6	245	56	26	92	198	916	798	140	1.82	1.23	<0.002	22	<0.1

Annual data for National River Conservation Project - April 2021 to March 2022

Month & year		National River Conservation Project - April 2021 to March 2022																									
Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10062	Tirunelveli D/s	6.6	7.95	113	2	<0.02	<0.05	6	31	4	<1	8	20	32	0.6	<0.5	46	14	3	<2	2	68	64	8	<0.15	**
Aug-21			6.4	7.38	146	2	0.03	0.03	79	24	1	<1	12	25	24	<0.56	<0.28	44	14	2.4	<2	<0.1	86	62	24	<0.15	**
Sep-21			5.7	7.40	105	3	<0.02	<0.02	94	25	1	<1	4	18	24	<0.56	<0.28	14	4	1	<2	1.1	62	48	14	0.27	**
Oct-21			6.2	7.36	186	2	0.54	<0.02	86	22	4	<1	8	34	24	<0.56	<0.28	61	17	4.6	12	<0.1	122	116	6	<0.15	**
Nov-21			6.3	7.84	290	3	<0.02	<0.002	280	70	2	<1	10	46	24	<0.56	<0.28	124	46	1.9	23	2	176	170	6	0.25	**
Dec-21			6.5	7.87	321	3	0.78	<0.02	350	110	1	<1	8	58	24	1.7	0.6	124	33	10	15	2	194	166	28	0.55	**
Jan-22			6.9	7.92	259	2	0.10	<0.02	25	84	0	<1	16	102	32	1.1	<0.28	16	4.8	1	11	<0.1	160	148	12	0.29	**
Feb-22			7.0	5.73	137	2	0.05	<0.02	5.5	79	1	<1	104	32	32	<0.56	<0.28	4	1.6	<0.1	24	0.5	82	58	24	<0.1	**
Apr-21			6.0	7.18	474	<2	0.20	0.02	94	210	6	12	145	45	16	2.8	1.1	140	27	17	16	22	312	288	16	0.08	**
Jul-21	10064	Bhawani D/s	6.1	7.27	478	<2	0.19	0.02	110	210	4	<1	148	46	8	2.8	1.1	296	75	26	15	24	320	300	8	0.08	0.02
Aug-21			6.4	7.98	285	<2	0.29	0.02	260	120	3	8	94	25	8	1.1	0.6	92	20	10	14	17.6	188	176	4	0.1	0.04
Sep-21			6.0	7.75	165	2	0.24	0.02	170	330	4	8	72	15	16	2.2	0.8	54	15	3.8	<5	9	108	88	8	0.2	0.08
Oct-21			6.0	7.55	307	<2	0.24	0.02	280	130	3	12	96	36	16	2.8	1.1	96	19	12	6	12	208	184	8	0.07	0.02
Nov-21			6.1	7.00	665	<2	0.26	0.02	150	70	4	20	200	71	16	2.2	0.6	192	37	24	6	13	440	416	12	0.08	0.02
Dec-21			6.0	7.61	471	2	0.22	0.02	120	58	2	30	240	42	16	2.2	0.8	120	24	15	16	13	312	296	16	0.07	0.02
Jan-22			6.0	7.92	495	<2	0.25	0.02	120	63	3	24	176	40	24	2.2	1.1	172	40	17	6	33	320	304	16	0.07	0.02
Feb-22			5.8	7.18	460	2	0.26	0.02	120	210	3	24	176	46	16	2.2	1.1	168	35	19	10	34	304	284	12	0.06	0.03
Mar-22			6.0	7.10	463	<2	0.29	0.02	120	270	5	20	172	40	16	3.4	1.1	164	37	18	<5	37	316	296	20	0.07	0.03

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO <sub>3</sub> mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L	
Apr-21	10065	Erode U/s	6.1	7.01	470	<2	0.19	0.02	31	110	4	12	148	44	16	1.7	0.8	148	26	20	21	14	308	288	12	0.14	**	<0.002	3	<0.1
Jul-21			6.2	7.23	468	<2	0.16	0.01	38	120	3	<1	148	43	8	2.2	1.1	264	64	25	14	14	308	292	4	0.15	0.06	<0.002	2.2	0.35
Aug-21			6.5	7.84	322	2	0.24	0.02	150	58	2	8	108	27	16	2.8	1.1	92	21	9.7	13	19	212	196	4	0.16	0.05	<0.002	3.3	0.04
Sep-21			6.0	8.14	215	2	0.27	0.02	120	49	3	12	92	21	16	2.2	1.1	56	14	4.8	<5	14	140	120	8	0.19	0.09	<0.002	2.6	0.09
Oct-21			6.6	7.30	472	<2	0.28	0.02	84	31	2	28	128	46	16	2.2	1.1	136	32	14	25	10.9	308	280	4	0.12	0.05	<0.002	2.6	0.10
Nov-21			6.2	7.08	480	<2	0.26	0.02	70	26	3	30	170	44	16	2.2	0.8	156	42	13	31	11.2	316	296	12	0.11	0.04	<0.002	1.4	0.15
Dec-21			6.3	7.63	601	3	0.29	0.03	94	43	2	10	190	50	24	2.2	0.1	270	56	31	29	12	392	372	16	0.1	0.04	<0.002	1.4	0.13
Jan-22			6.0	7.43	612	<2	0.29	0.03	58	25	3	20	200	54	16	2.2	1.1	228	43	29	22	39	396	372	12	0.1	0.05	<0.002	4.6	0.14
Feb-22			6.0	6.26	491	<2	0.31	0.03	33	79	3	20	176	48	24	2.2	1.1	168	40	17	30	37	336	308	12	0.1	0.04	<0.002	4.4	0.15
Mar-22			6.1	6.99	450	<2	0.31	0.03	31	70	6	16	160	39	16	2.2	1.1	148	30	18	<5	33	312	288	16	0.1	0.04	<0.002	3	0.16
Apr-21	10067	Kumarapalayam U/s	6.0	7.03	467	<2	0.26	0.56	58	170	4	8	144	40	16	1.7	0.8	140	26	18	20	35	308	288	12	0.18	**	<0.002	4	<0.1
May-21			6.0	6.94	511	<2	0.28	0.56	260	140	3	<1	200	60	16	3.4	1.1	145	27	19	27	23	356	336	12	0.19	**	<0.002	4	0.7
Jun-21			6.0	6.94	511	<2	0.28	0.56	260	140	3	<1	200	60	16	3.4	1.1	145	27	19	27	23	356	336	12	0.19	**	<0.002	4	0.7
Jul-21			6.3	6.69	597	<2	0.26	0.56	140	320	3	<1	184	68	16	2.8	1.1	160	28	21	21	35	392	372	12	0.19	0.09	<0.002	3	0.69
Aug-21			5.2	6.52	272	<2	0.37	0.55	140	63	4	<1	108	24	8	1.1	0.6	96	21	11	18	16.9	184	168	4	0.16	0.08	<0.002	2.9	0.13
Sep-21			6.0	6.78	291	<2	0.30	0.51	43	11	2	<1	100	35	8	1.1	<2	100	19	12	20	19	196	184	4	0.60	0.33	<0.002	3	0.13
Oct-21			6.0	7.30	357	<2	0.31	0.51	63	23	2	16	104	40	16	1.1	0.6	100	22	11	10	18.6	232	216	16	0.34	0.15	<0.002	3	0.14
Nov-21			6.5	6.74	436	<2	0.29	0.51	46	26	4	40	160	37	16	2.2	1.1	126	20	18	10	20	280	260	8	0.31	0.18	<0.002	3.2	0.12
Dec-21			6.2	7.38	457	<2	0.28	0.36	63	31	2	40	170	31	16	2.2	1.1	120	28	12	11	38	296	272	12	0.28	0.24	<0.002	4.3	0.17
Jan-22			6.0	7.44	582	<2	0.27	0.33	49	22	3	12	200	44	8	1.1	0.6	200	37	26	8	35	372	356	8	0.29	0.17	<0.002	3.8	0.21
Feb-22			6.9	7.23	514	<2	0.25	0.33	26	63	3	16	184	44	16	2.2	1.1	180	51	13	18	33	332	312	8	0.29	0.22	<0.002	3.2	0.18
Mar-22			6.8	6.59	461	<2	0.27	0.32	31	63	4	28	176	39	16	2.2	1.1	164	32	20	<5	28	312	288	8	0.28	0.13	<0.002	3	0.20

**Annual data for National River Conservation Project - April 2021 to March 2022**

Month & year	Station Code	Name of station	D.O mg/L	pH	Conductivity m mhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenophthaline Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N,as N mg/L	Hardness as CaCO3 mg/L	Calcium as Ca++ mg/L	Magnesium as Mg++ mg/L	Sulphate mg/L	Sodium mg/L	Total Dissolved Solids mg/L	Total Fixed Solids mg/L	Total Suspended Solids mg/L	Phosphate mg/L	Ortho Phosphate mg/L	Boron mg/L	Potassium mg/L	Fluoride mg/L
Apr-21	10070	Pallipalayam D/s	6.0	6.58	695	<2	0.42	0.68	120	260	7	<1	164	76	16	2.8	1.1	152	40	13	29	32	456	428	16	0.29	**	<0.002	4	<0.1
May-21			6.0	7.07	778	<2	0.41	0.29	260	140	4	<1	180	86	16	3.4	1.1	220	45	26	26	45	544	514	8	0.28	**	<0.002	0.3	0.13
Jun-21			6.0	7.07	778	<2	0.41	0.29	260	140	4	<1	180	86	16	3.4	1.1	220	45	26	26	45	544	514	8	0.28	**	<0.002	0.3	0.13
Jul-21			6.4	7.70	521	<2	0.41	0.69	150	400	2	<1	160	49	16	2.2	1.1	160	28	21	11	31	336	316	8	0.29	0.13	<0.002	3.4	0.48
Aug-21			6.7	7.24	306	<2	0.62	0.68	490	230	5	4	92	30	8	2.2	1.1	98	17	14	7	19	208	196	8	0.27	0.12	<0.002	3.1	0.83
Sep-21			6.0	7.57	298	<2	0.35	0.26	63	26	2	<1	96	35	8	1.1	0.6	104	19	15	7.4	19	196	188	8	0.86	0.52	<0.002	3	0.72
Oct-21			6.0	6.97	407	<2	0.39	0.25	390	200	4	16	108	50	16	3.4	1.7	104	24	11	15	20	264	244	12	0.49	0.31	<0.002	3.7	0.73
Nov-21			6.5	6.90	394	<2	0.36	0.25	84	31	4	20	150	33	16	3.4	1.7	128	29	14	9	22	268	252	12	0.42	0.22	<0.002	4	0.76
Dec-21			6.4	7.30	533	<2	0.26	0.27	120	46	2	30	190	54	16	2.2	0.8	160	32	19	<5	44	332	304	12	0.41	0.18	<0.002	5.1	0.74
Jan-22			5.9	7.44	590	<2	0.29	0.25	210	92	2	24	192	50	16	2.2	1.1	192	42	21	12	38	384	364	16	0.42	0.25	<0.002	4.1	0.84
Feb-22			6.5	6.60	620	<2	0.31	0.25	170	310	2	20	184	64	16	2.2	1.1	200	67	8	29	36	396	372	16	0.38	0.16	<0.002	2.9	0.67
Mar-22			6.6	6.79	544	<2	0.29	0.25	170	390	7	12	180	62	16	2.2	1.1	160	40	15	7	32	372	344	24	0.37	0.17	<0.002	4	0.71
Apr-21	10073	Karur U/s	6.1	7.68	1106	<2	0.30	0.02	63	210	6	28	228	175	24	2.2	1.1	300	48	44	55	20	712	676	12	0.22	0.11	<0.002	3	<0.1
Jul-21			6.1	7.05	498	<2	0.34	0.02	170	430	2	<1	168	50	16	2.2	1.1	140	24	19	9	24	324	304	8	0.22	0.10	<0.002	3	0.95
Aug-21			6.4	6.97	422	<2	0.45	0.02	220	63	3	20	108	40	8	1.7	0.8	160	29	21	6	12	264	244	4	0.24	0.06	<0.002	2	0.94
Sep-21			6.0	7.86	479	<2	0.43	0.02	280	130	4	20	128	60	16	2.2	1.1	112	19	15	4	43	316	292	12	0.21	0.07	<0.002	5.1	0.86
Oct-21			6.2	7.64	660	<2	0.15	0.03	350	150	1	28	172	152	16	1.1	0.6	148	38	13	38	44	436	424	4	0.14	0.08	<0.002	2.8	0.69
Nov-21			6.3	7.18	587	<2	0.18	0.03	350	130	3	30	190	75	16	2.2	1.1	188	8	40	<5	40	388	368	4	0.15	0.06	<0.002	2.5	0.66
Dec-21			6.6	7.40	990	<2	0.13	0.03	460	210	3	30	280	148	16	2.2	0.8	350	72	41	45	134	696	676	12	0.13	0.07	<0.002	12	0.70
Jan-22			6.2	7.49	953	<2	0.09	0.03	460	230	2	60	290	116	16	2.2	0.8	340	60	46	38	100	624	604	12	0.12	0.05	<0.002	11	0.67
Feb-22			6.1	6.18	1023	2	0.65	0.03	220	410	3	30	270	165	24	2.2	1.1	360	88	34	45	104	724	696	8	0.1	0.02	<0.002	14	0.65
Mar-22			6.0	6.66	773	<2	0.10	0.03	230	490	3	20	260	92	16	3.4	1.7	220	45	26	57	131	568	544	8	0.09	0.03	<0.002	15	0.59

**Annual data for National River Conservation Project - April 2021 to March 2022**

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Aug-21	10078 Mayiladuthurai D/s	6.5	7.53	408	<2	0.26	0.01	150	63	4	16	140	41	8	2.2	1.1	144	26	19	3	28	272	252	8	0.1	0.04	<0.002	3.8	0.12	
Sep-21		6.4	7.99	2210	<2	0.29	0.04	220	94	1	40	304	380	16	3.4	1.1	470	104	51	73	171	1432	1404	4	0.12	0.04	<0.002	34	0.17	
Oct-21		6.4	7.22	502	<2	0.26	0.04	340	150	3	24	132	58	16	2.2	1.1	128	38	7.7	19	74	332	308	8	0.08	0.05	<0.002	7.4	0.20	
Nov-21		6.6	6.84	716	<2	0.14	0.04	150	70	3	20	156	89	24	3.4	1.1	180	42	18	27	71	464	436	4	0.09	0.03	<0.002	6.5	0.18	
Dec-21		6.1	7.30	640	<2	0.16	0.05	170	79	2	10	160	84	24	2.2	1.1	240	56	24	23	55	408	376	8	0.09	0.05	<0.002	6.3	0.20	
Jan-22		6.0	7.18	518	<2	0.13	0.05	210	110	2	24	172	52	24	2.2	0.8	180	38	20	26	38	342	320	16	0.1	0.05	<0.002	5	0.17	
Feb-22		6.1	6.46	645	2	0.11	0.05	120	270	3	16	212	74	24	3.4	1.7	200	48	19	14	39	424	392	12	0.09	0.03	<0.002	5.2	0.18	

\*\* Not Analysed

Note: The following NRCP samples are not collected due to No Flow.

The code Nos are 10037,10050,10052,10053,10055,10057,10058, 10059,10060,10061,10063, 10066,10068,10069,10071,  
10072,10074,10075,10076,10077,10079 & 10080 (22 SAMPLES)

