

Annual data for National Water Monitoring Project -April 2020 to March 2021

Month	Name of station	D.O mg/L	pH	Conductivity μ 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	Phenolphthaleine 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	Mettur	6.70	7.61	367	<2	0.13	0.176	21	47	3	<1	116	34	16	1.7	0.6	104	60	44	28	17	260	242	8	0.20	<0.002	2.80	0.81	
May		6.0	7.8	479	<2	0.09	0.049	21	58	14	12.0	204	44	16	1.7	0.6	212	104	108	26	32	356	340	20	0.22	<0.002	4.00	0.77	
June		6.0	7.4	411	<2	0.08	0.047	43	120	42	<1	176	36	16	2.2	1.1	148	96	52	28	27	292	276	56	0.23	<0.002	3.90	0.79	
July		4.8	7.6	379	<2	0.09	0.003	32	94	2	16.0	164	45	16	1.1	0.6	156	72	84	8	31	276	260	4	1.13	<0.002	4.00	0.72	
Aug		6.0	7.7	337	<2	0.13	0.004	31	84	5	<1	148	37	16	2.2	1.1	136	64	72	12	26	232	212	8	0.24	<0.002	3.80	0.57	
Sep		6.8	7.9	288	<2	0.44	0.006	26	63	14	<1	104	28	16	1.7	0.6	120	56	64	19	24	208	192	24	0.23	<0.002	2.60	0.08	
Oct		6.0	6.6	355	3.5	0.39	0.058	31	70	6	16.0	100	31	16	1.1	0.6	100	52	48	10	21	232	216	16	0.24	<0.002	2.60	0.07	
Nov		6.2	7.2	344	<2	0.23	0.044	26	63	3	<1	140	32	16	1.7	0.6	124	24	15	11	27	248	228	8	0.17	<0.002	3.80	0.10	
Dec		7.0	7.3	329	<2	0.21	0.046	31	84	4	12.0	124	33	8	1.1	0.6	208	35	29	15	26	244	232	4	0.16	<0.002	4.20	0.10	
Jan		6.50	8.11	403.0	<2	0.21	0.046	33.0	110.0	3.8	24.0	152.0	26.0	8.0	2.2	1.7	124.0	32.0	11.0	8.0	20.0	264.0	248.0	16.0	0.18	<0.002	2.40	0.11	
Feb		6.90	6.99	435.0	<2	0.19	0.040	32.0	94.0	4.2	12.0	148.0	35.0	8.0	1.1	0.6	152.0	32.0	18.0	8.0	21.0	276.0	256.0	16.0	0.19	<0.002	3.20	0.10	
Mar		6.30	7.02	412.0	<2	0.14	0.036	31.0	84.0	3.6	<1	132.0	31.0	8.0	2.2	1.1	128.0	22.0	17.0	14.0	19.0	248.0	228.0	8.0	0.20	<0.002	3.90	0.11	
Avg		6.27		378.25	3.50	0.19	0.05	29.83	80.92	8.79	15.33	142.33	34.33	13.33	1.68	0.79	142.67	54.08	46.83	15.56	24.22	261.33	244.17	15.67	0.28	<0.002	3.43	0.36	
April	Pallipalayam	6.60	7.52	426	<2	0.11	0.176	26	94	11	<1	156	30	16	2.2	1.1	164	72	92	26	48	296	276	24	0.45	<0.002	6.20	0.39	
May		5.0	7.7	700	2.2	0.19	0.013	84	170	6	16.0	208	85	16	4.5	2.2	200	112	88	83	59	488	460	8	0.34	<0.002	5.00	0.54	
June		5.9	8.0	1016	3.8	0.38	0.814	310	630	41	20.0	40	150	24	5.0	2.8	680	380	300	98	106	692	664	32	0.27	<0.002	7.50	0.53	
July		5.9	7.7	406	<2	0.40	0.762	260	470	10	16.0	192	50	16	2.8	1.1	148	68	60	7	32	292	276	16	0.30	<0.002	4.10	0.51	
Aug		5.9	7.6	473	<2	0.37	0.711	170	310	4	8.0	212	53	24	2.2	1.1	164	68	96	23	37	356	336	4	0.29	<0.002	4.40	0.51	
Sep		6.3	7.5	303	<2	0.41	0.690	84	210	5	<1	100	31	16	2.8	1.1	104	66	38	12	39	216	236	12	0.28	<0.002	4.70	0.54	
Oct		6.9	7.8	317	<2	0.43	0.663	79	170	8	<1	120	40	16	1.7	0.6	100	56	44	32	42	218	202	16	0.25	<0.002	3.80	0.56	
Nov		6.0	8.0	394	<2	0.41	0.644	110	210	4	4.0	136	44	16	2.2	1.1	130	27	15	20	42	272	252	12	0.23	<0.002	4.90	0.55	
Dec		7.0	7.8	613	<2	0.64	0.639	120	280	4	20.0	188	74	16	2.8	1.1	220	45	26	32	45	388	368	8	0.22	<0.002	4.90	0.52	
Jan		6.50	7.91	673.0	<2	0.39	0.646	130.0	240.0	6.7	12.0	228.0	76.0	8.0	2.2	1.7	196.0	42.0	22.0	73.0	40.0	444.0	424.0	12.0	0.23	<0.002	4.30	0.51	
Feb		6.10	7.19	646.0	<2	0.36	0.639	130.0	280.0	5.9	12.0	188.0	77.0	16.0	2.2	1.1	168.0	37.0	18.0	18.0	37.0	420.0	396.0	16.0	0.26	<0.002	4.00	0.52	
Mar		6.00	7.01	565.0	<2	0.39	0.642	27.0	79.0	5.2	<1	176.0	51.0	8.0	2.2	1.1	148.0	29.0	18.0	28.0	30.0	368.0	344.0	16.0	0.10	<0.002	4.00	0.50	
Avg		6.17		544.33	3.00	0.37	0.59	127.50	261.92	9.35	13.50	162.00	63.42	16.00	2.75	1.35	201.83	83.50	68.08	37.67	46.31	370.83	352.83	14.67	0.27	<0.002	4.82	0.51	
April	Badrakali arman koi	7.20	7.78	87	<2	0.072	0.005	14	48	4	<1	32	10	8	1.12	0.56	36	22	14	2	8	64	56	4	0.12	<0.002	1.2	0.51	
May						No	Flow																						
June		5.9	6.9	197	<23	0.121	0.005	26	70	2.4	<1	68	15	16	3.36	1.68	32	22	10	2	7	132	116	4	0.05	<0.002	1.5	0.63	
July		6.0	6.2	57	<2	0.100	0.007	21	58	1.8	<1	32	8	4	1.12	0.56	15	11	4	<5	7	52	44	2	0.06	<0.002	1.4	0.53	
Aug		6.0	7.8	87	<2	0.085	0.005	13	43	2	<1	52	15	8	0.84	0.28	48	28	20	2	6	76	68	4	0.06	<0.002	1.3	0.57	
Sep		6.8	6.7	58	<2	0.135	0.004	17	46	4	<1	20	8	8	0.84	0.28	21	15	6	2	8	50	46	4	0.08	<0.002	1.2	0.56	
Oct		6.8	6.7	190	<2	0.121	0.003	17	43	4.3	<1	40	12	8	0.84	0.28	56	24	32	<5	11	124	116	4	0.09	<0.002	2.2	0.55	
Nov		6.6	6.9	125	<2	0.085	0.005	22	49	4.1	<1	44	15	8	1.12	0.56	42	7	5	3	10	108	96	4	0.06	<0.002	2.4	0.69	
Dec		6.9	6.9	228	<2	0.107	0.005	46	120	4.1	<1	60	35	16	2.24	1.12	44	5	8	11	10	156	140	4	0.06	<0.002	5.7	0.70	
Jan		6.10	7.56	342	2.2	0.100	0.007	32	94	2.1	<1	80.0	38.0	8.0	2.24	1.68	120.0	29.0	12.0	4.0	8.0	236.0	224.0	8.0	0.064	<0.002	2.0	0.715	
Feb		6.50	7.03	295	<2	0.136	0.005	38	120	2.6	<1	60.0	18.0	8.0	1.16	0.56	58.0	12.0	7.0	3.0	9.0	188.0	176.0	8.0	0.079	<0.002	2.0	0.692	
Mar		6.30	7.07	212	<2	0.122	0.007	31	84	2	<1	64.0	18.0	8.0	2.24	0.56	76.0	14.0	10.0	7.0	8.0	152.0	136.0	4.0	0.088	<0.002	2.1	0.704	
Avg		6.46		170.73	2.20	0.11	0.01	25.18	70.45	3.04	<1	50.18	17.45	9.09	1.56	0.74	49.82	17.18	11.64	4.00	8.32	121.64	110.73	4.55	0.07	<0.002	2.09	0.62	

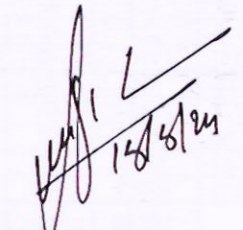
Month	Name of station	D.O mg/L	pH	Conductivity μmhos/cm	BOD at 27 C mg/L	Nitrate mg/L	Nitrite mg/L	Fecal coliform MPN/100 ml	Total coliform MPN/100 ml	Turbidity NTU	Phenolphthaleine Alkalinity mg/L	Total Alkalinity mg/L	Chloride mg/L	COD mg/L	Total Kjeldahl Nitrogen mg/L	Ammonia-N as N mg/L	Hardness 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	Sirumugai	7.10	7.85	107	<2	0.102	0.003	9.3	49	3	<1	48	7	8	1.12	0.56	40	16	24	2	8	72	64	4	0.29	<0.002	1.6	0.55	
May						No	Flow																						
June		6.3	7.1	91	<2	0.135	0.007	21	63	1.9	<1	40	10	8	2	1	29	19	10	3	7	62	52	4	0.37	<0.002	1.6	0.73	
July		6.5	6.7	69	<2	0.121	0.009	14	49	1.9	<1	44	10	4	1	1	18	15	13	<5	5	62	56	4	0.30	<0.002	1.2	0.66	
Aug		6.5	7.8	89	<2	0.135	0.009	11	39	2.2	<1	60	20	8	1	0	54	32	22	2	5	80	76	4	0.30	<0.002	1.4	0.70	
Sep		6.3	7.0	822	<2	0.157	0.008	170	320	3.3	<1	348	52	16	3	1	340	170	170	30	8	520	496	12	0.16	<0.002	1.7	0.63	
Oct		6.2	6.2	146	<2	0.143	0.005	21	63	3.6	<1	56	20	8	1	0	64	32	32	<5	15	104	96	4	0.14	<0.002	1.2	0.58	
Nov		6.7	6.8	141	<2	0.128	0.007	21	48	3.8	<1	52	16	8	1	1	52	12	5	18	6	112	100	4	0.03	<0.002	3.2	0.77	
Dec		7.0	7.1	126	<2	0.121	0.007	26	84	3	<1	60	15	8	2	1	26	2	5	12	6	108	100	4	0.04	<0.002	3.0	0.79	
Jan		6.40	7.68	198	<2	0.143	0.010	21	58	2.5	<1	52.0	20.0	8.0	3.36	1.68	68.0	18.0	6.0	19.0	8.0	144.0	132.0	4.0	0.041	<0.002	2.4	0.790	
Feb		6.50	6.82	179	<2	0.171	0.007	26	63	1.9	<1	56.0	17.0	8.0	2.24	0.56	58.0	12.0	7.0	4.0	7.0	116.0	104.0	8.0	0.055	<0.002	1.4	0.802	
Mar		6.20	7.07	253	<2	0.171	0.021	26	63	2.4	<1	64.0	31.0	8.0	1.68	0.56	78.0	18.0	8.0	10.0	7.0	168.0	152.0	4.0	0.064	<0.002	1.0	0.808	
Avg		6.52		201.91	<2	0.14	0.01	33.30	81.73	2.68	<1	80.00	19.82	8.36	1.71	0.69	75.18	31.42	27.48	11.06	7.39	140.73	129.82	5.09	0.16	<0.002	1.79	0.71	
April		Bhavani Sagar	6.80	7.38	178	<2	0.109	0.062	26	63	6	<1	56	18	8	1.12	0.56	72	48	24	5	13	120	108	12	0.04	<0.002	2.8	0.26
May			6.2	7.2	155	<2	0.200	0.006	31	70	3.6	<1	92	18	8	2.24	1.12	51	31	20	0	10	132	116	8	2.04	<0.002	2.5	0.36
June	6.3		7.9	166	<2	0.192	0.153	22	70	4.4	<1	84	19	16	1.68	0.84	62	46	16	2	12	120	102	8	0.02	<0.002	2.9	0.46	
July	7.0		7.7	154	<2	0.207	0.145	17	58	5.9	<1	88	16	16	1.12	0.56	88	52	36	7	11	148	136	8	0.04	<0.002	2.7	0.36	
Aug	6.4		7.2	155	<2	0.257	0.131	21	63	4.7	<1	80	16	8	1.12	0.56	62	34	28	2	10	124	112	4	0.03	<0.002	2.5	0.47	
Sep	6.2		6.9	114	<2	0.207	0.121	26	63	2.4	<1	50	17	8	1.68	0.56	52	24	28	3	12	96	92	4	0.02	<0.002	1.9	0.49	
Oct	6.1		6.4	123	<2	0.171	0.118	21	58	8.5	<1	56	20	8	0.84	0.28	52	24	28	<5	11	96	88	16	0.04	<0.002	1.5	0.51	
Nov	6.2		6.3	147	2	0.142	0.121	17	47	8.2	<1	68	14	16	2.24	1.12	52	9	7	3	10	116	108	12	0.30	<0.002	1.8	0.52	
Dec	6.9		7.0	154	<2	0.128	0.122	15	48	5.3	<1	60	18	8	1.12	0.56	68	16	7	7	8	124	116	4	0.31	<0.002	2.9	0.51	
Jan	6.00		7.33	160	2.4	0.129	0.124	14	39	8.1	<1	64	18	8	2.24	1.68	70.0	13.0	9.0	3.0	12.0	124.0	116.0	8.0	0.278	<0.002	2.0	0.837	
Feb	6.40		7.29	168	<2	0.142	0.121	11	31	2.9	<1	52	16	8	2.24	0.56	56.0	10.0	7.0	7.0	14.0	120.0	116.0	8.0	0.296	<0.002	1.8	0.807	
Mar	6.40		6.14	156	<2	0.172	0.125	1.4	39	1.9	<1	44	11	8	3.36	1.12	52.0	12.0	5.0	2.0	14.0	116.0	104.0	4.0	0.310	<0.002	2.8	0.791	
Avg	6.41			152.50	2.20	0.17	0.11	18.53	54.08	5.16	<1	66.17	16.75	10.00	1.75	0.79	61.42	26.58	17.90	3.74	11.38	119.67	109.50	8.00	0.31	<0.002	2.34	0.53	
April	Bhavani		6.20	8.20	358	<2	0.180	0.112	49	140	16	<1	108	36	16	2.8	1.12	136	84	52	22	30	244	220	20	0.32	<0.002	7.2	0.31
May			6.3	8.0	377	<2	0.129	0.010	34	130	4.9	20	192	38	16	1.12	0.56	140	86	54	21	19	324	308	12	0.08	<0.002	2.4	0.84
June		6.0	8.1	557	<2	0.157	0.004	110	270	3.2	12	208	42	16	3.36	1.68	204	144	60	15	33	372	352	4	0.03	<0.002	4.2	0.45	
July		6.7	7.7	344	<2	0.142	0.005	170	310	6.8	<1	136	34	16	1.68	0.84	132	80	52	26	23	252	236	12	0.04	<0.002	5.7	0.46	
Aug		6.2	7.4	336	<2	0.121	0.007	70	150	7.3	20	120	11	16	2.8	1.12	116	58	58	15	26	220	204	8	0.05	<0.002	3.5	0.43	
Sep		6.6	7.7	491	<2	0.128	0.006	38	120	8.4	<1	184	41	16	2.24	1.12	216	124	92	35	30	332	316	12	0.17	<0.002	3.7	0.42	
Oct		6.5	7.6	512	<2	0.078	0.241	93	380	7.2	8	180	46	16	2.8	1.12	200	104	96	31	41	344	324	20	0.09	<0.002	5.0	0.27	
Nov		6.3	7.8	632	<2	0.142	0.012	27	79	4.7	16	208	52	16	2.24	1.12	290	68	29	54	48	436	412	8	0.10	<0.002	5.2	0.26	
Dec		7.0	7.9	612	<2	0.121	0.015	22	49	3.9	40	228	75	16	2.24	1.12	264	61	27	47	48	432	412	4	0.09	<0.002	5.0	0.27	
Jan		6.30	7.94	746	<2	0.136	0.023	43	120	6.6	<1	200	72	8	3.36	2.24	268	62.0	27.0	54.0	45.0	476.0	452.0	24.0	0.1	<0.002	5.9	0.288	
Feb		6.34	6.94	421	<2	0.142	0.017	70	170	4.1	<1	120	41	8	3.36	1.12	120	30.0	11.0	20.0	34.0	272.0	260.0	8.0	0.1	<0.002	5.4	0.300	
Mar		6.00	7.47	394	<2	0.128	0.016	38	120	4.1	<1	112	36	8	2.24	1.12	116	26.0	12.0	17.0	32.0	256.0	236.0	12.0	0.1	<0.002	5.1	0.317	
Avg		6.37		481.67	<2	0.13	0.04	63.67	169.83	6.43	19.33	166.33	43.67	14.00	2.52	1.19	183.50	77.25	47.50	29.75	34.07	330.00	311.00	12.00	0.11	<0.002	4.86	0.38	

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April	R.N. Pudur	6.70	7.87	382	<2	0.162	0.006	38	120	6	<1	84	38	16	1.68	0.56	80	46	34	5	27	276	262	28	0.14	<0.002	4.3	0.51
May		6.1	8.1	377	<2	0.186	0.008	140	350	4.5	16	176	32	16	2.24	1.12	140	80	60	22	19	288	256	12	0.06	<0.002	2.5	0.85
June		6.0	8.2	576	<2	0.200	0.005	94	220	11	12	196	72	16	2.24	1.12	196	116	80	24	54	396	368	12	0.03	<0.002	4.8	0.88
July		7.0	7.8	338	<2	0.157	0.003	84	210	4.7	<1	140	36	16	2.8	1.12	152	92	60	27	22	268	252	4	0.04	<0.002	5.3	0.83
Aug		6.5	7.8	365	<2	0.178	0.001	32	140	4.3	<1	140	38	16	1.12	0.56	114	66	48	17	28	256	240	4	0.04	<0.002	3.7	0.85
Sep		6.4	7.8	500	<2	0.228	0.004	110	210	4.2	<1	204	45	16	2.24	1.12	196	116	80	31	32	364	344	16	0.06	<0.002	4.0	0.88
Oct		6.3	7.7	516	<2	0.250	0.004	43	170	10.5	8	188	53	16	2.8	1.12	176	104	72	31	31	384	368	16	0.09	<0.002	4.8	0.91
Nov		6.1	7.8	341	<2	0.192	0.003	22	49	4.3	<1	140	33	16	2.24	0.84	116	24	14	14	25	236	220	8	0.79	<0.002	38.0	0.85
Dec		6.8	8.5	663	<2	0.192	0.004	25	58	4.7	32	232	77	16	2.24	0.84	232	52	24	41	25	420	400	8	0.07	<0.002	3.9	0.83
Jan		6.10	8.51	730	<2	0.214	0.005	31	63	4.9	4	152	85	8	2.24	1.12	280.0	64.0	29.0	58.0	22.0	456.0	436.0	16.0	0.088	<0.002	3.9	0.860
Feb		6.00	7.02	752	<2	0.207	0.005	33	79	6.1	<1	212	98	24	2.24	0.56	148.0	27.0	19.0	16.0	23.0	492.0	460.0	12.0	0.102	<0.002	4.0	0.888
Mar		6.10	7.59	400	<2	0.192	0.007	26	63	3.6	12	116	30	8	2.8	0.56	128.0	27.0	15.0	17.0	20.0	252.0	232.0	12.0	0.093	<0.002	4.1	0.865
Avg	6.34		495.00	<2	0.20	0.005	56.50	144.33	5.73	14.00	165.00	53.08	15.33	2.24	0.89	163.17	67.83	44.58	25.31	27.30	340.67	319.83	12.33	0.13	<0.002	6.94	0.83	
April	Vairapalayam	6.80	7.96	383	<2	0.182	0.011	110	260	12	4	148	36	16	2.8	1.12	136	64	72	25	23	264	244	12	0.21	<0.002	3.2	0.46
May		5.6	8.0	390	<2	0.186	0.004	210	430	7.2	16	180	40	16	2.8	1.12	360	150	210	20	29	272	252	16	0.05	<0.002	3.6	0.91
June		6.0	8.2	496	<2	0.207	0.062	23	94	9.7	12	204	48	16	1.68	0.56	212	108	104	27	37	348	328	16	0.03	<0.002	4.3	0.50
July		6.1	7.7	404	<2	0.228	0.060	26	84	6.2	<1	192	44	16	2.24	1.12	148	80	68	11	34	296	280	8	0.05	<0.002	4.3	0.43
Aug		6.5	7.8	443	<2	0.171	0.013	22	70	4.1	16	180	48	16	1.68	0.56	158	70	88	11	36	296	280	8	0.04	<0.002	4.5	0.43
Sep		6.4	7.5	269	<2	0.214	0.015	17	48	3.8	<1	100	27	16	1.68	0.56	108	56	52	10	39	216	204	4	0.04	<0.002	5.2	0.40
Oct		6.4	8.0	535	<2	0.192	0.014	12	33	7.3	20	196	59	16	2.8	1.12	172	108	64	33	46	368	348	12	0.06	<0.002	5.4	0.42
Nov		6.0	8.0	660	<2	0.178	0.013	12	40	7.2	28	236	66	16	2.24	1.12	220	49	24	40	39	432	412	8	0.10	<0.002	6.2	0.48
Dec		6.8	7.7	669	<2	0.192	0.013	14	47	4.2	28	212	92	16	1.68	0.84	220	48	24	40	38	448	424	8	0.12	<0.002	6.1	0.46
Jan		6.40	8.21	801	<2	0.193	0.014	22	49	8.3	20	236	110	8	3.36	1.68	220.0	44.0	27.0	42.0	35.0	516.0	436.0	24.0	0.111	<0.002	6.0	0.502
Feb		5.90	6.82	413	<2	0.171	0.013	17	40	6.8	<1	132	45	8	2.24	0.56	124.0	25.0	15.0	17.0	24.0	260.0	248.0	20.0	0.111	<0.002	4.0	0.542
Mar		6.00	7.36	628.0	<2	0.2	0.015	14.0	47.0	4.7	24.0	156.0	70.0	16.0	3.4	0.6	166.0	33.0	20.0	20.0	22.0	404.0	376.0	12.0	0.1	<0.002	4.1	0.6
Avg	6.24		507.58	<2	0.19	0.02	41.58	103.50	6.79	18.67	181.00	57.08	14.67	2.38	0.91	187.00	69.58	64.00	24.65	33.55	343.33	319.33	12.33	0.08	<0.002	4.74	0.509	
April	P.Velur	6.10	8.64	790	<2	0.149	0.019	170	460	6	8	102	150	16	3.92	1.12	212	88	124	49	63	508	492	16	0.39	<0.002	6.0	0.11
May		6.0	8.3	499	<2	0.142	0.008	250	580	5.7	16	192	55	16	2.24	0.84	192	100	92	29	43	332	312	16	0.04	<0.002	5.6	0.72
June		6.1	8.3	636	<2	0.157	0.009	230	460	11.7	12	208	90	16	2.8	1.12	148	48	100	17	72	428	404	16	0.13	<0.002	7.7	0.10
July		6.3	7.6	428	<2	0.100	0.008	79	220	7.8	8	208	44	16	2.24	1.12	160	72	88	14	36	312	296	8	0.99	<0.002	4.3	0.12
Aug		6.0	8.1	514	<2	0.157	0.014	70	170	2.1	16	160	59	16	2.24	1.12	180	82	98	16	46	368	348	4	0.10	<0.002	5.7	0.10
Sep		6.3	7.9	346	2	0.192	0.042	33	110	7.6	<1	136	40	16	2.24	1.12	148	68	80	18	50	276	256	16	0.12	<0.002	2.6	0.11
Oct		6.7	8.2	343	<2	0.231	0.047	27	79	13.7	6	118	35	16	1.12	0.56	128	76	52	14	48	248	232	20	0.14	<0.002	2.3	0.13
Nov		6.9	8.0	361	<2	0.228	0.042	21	63	6.3	8	136	38	16	2.24	1.12	136	24	18	12	32	236	216	16	0.38	<0.002	2.8	0.09
Dec		7.1	8.0	727	<2	0.214	0.045	32	94	6.4	28	228	98	16	2.24	1.12	240	53	26	49	51	468	440	16	0.39	<0.002	3.0	0.12
Jan		6.60	8.10	1204	<2	0.214	0.044	63	150	5.3	24	276	189	8	1.68	1.12	330.0	72.0	36.0	103.0	51.0	776.0	760.0	16.0	0.380	<0.002	3.4	0.110
Feb		6.10	7.28	772	<2	0.229	0.046	79	220	-	<1	200	105	16	1.12	0.56	230.0	44.0	29.0	47.0	41.0	504.0	484.0	16.0	0.357	<0.002	3.0	0.098
Mar		6.00	7.68	702	<2	0.243	0.042	140	270	2.7	<1	80	78	8	2.24	0.56	200.0	37.0	26.0	40.0	40.0	436.0	404.0	12.0	0.324	<0.002	3.1	0.092
Avg	6.35		610.17	2.00	0.19	0.03	99.50	239.67	6.85	14.00	170.33	81.75	14.67	2.19	0.96	192.00	63.67	64.08	34.02	47.67	407.67	387.00	14.33	0.31	<0.002	4.13	0.16	

Month	Name of station	D.O mg/L	pH	Conductivity μ 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	Phenolphthaleine 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	Mohanur	6.00	8.50	836	<2	0.167	0.018	200	470	8	8	212	160	16	4.48	1.68	236	92	144	54	78	544	520	24	0.47	<0.002	7.0	0.12
May		6.2	8.2	516	<2	0.112	0.018	260	630	4.4	20	176	44	16	2.24	1.12	208	84	124	29	48	352	332	24	0.04	<0.002	5.8	1.12
June		6.0	8.3	672	<2	0.128	0.019	260	480	16.6	16	212	98	16	3.36	1.12	176	68	108	32	75	448	424	24	0.17	<0.002	7.4	0.95
July		5.8	7.6	424	<2	0.137	0.021	84	210	5.2	<1	176	46	16	2.24	1.12	148	68	80	28	36	320	304	8	1.84	<0.002	4.3	0.91
Aug		6.0	8.8	480	<2	0.128	0.024	63	150	3.1	24	172	65	16	1.68	0.56	152	66	86	13	49	332	312	4	0.18	<0.002	5.6	0.91
Sep		6.7	8.1	360	<2	0.150	0.138	38	120	12.8	<1	120	42	16	2.24	1.12	144	64	80	21	43	288	272	16	0.19	<0.002	6.7	0.89
Oct		6.8	8.0	356	<2	0.207	0.040	33	84	6.3	6	126	35	16	1.12	0.56	140	64	76	16	40	280	264	20	0.22	<0.002	6.5	0.96
Nov		6.9	7.9	424	<2	0.192	0.038	23	70	4.8	<1	144	40	16	2.24	1.12	124	27	14	12	32	284	264	12	0.35	<0.002	3.6	0.91
Dec		7.0	8.3	758	<2	0.178	0.037	33	110	5.7	32	224	110	16	2.24	1.12	312	54	43	55	30	492	468	12	0.36	<0.002	3.4	0.92
Jan		6.70	8.06	1425	2.1	0.179	0.036	79	170	4.5	28	280	230	16	1.68	1.12	340.0	68.0	41.0	102.0	31.0	916.0	888.0	20.0	0.366	<0.002	3.8	0.900
Feb		6.10	7.22	764	<2	0.193	0.038	70	210	5.4	8	208	110	16	1.12	0.56	240.0	36.0	36.0	44.0	20.0	488.0	468.0	20.0	0.279	<0.002	3.7	0.819
Mar		6.00	7.22	720	<2	0.179	0.032	140	260	3.2	<1	120	78	16	2.24	0.56	180.0	30.0	25.0	43.0	20.0	464.0	436.0	16.0	0.264	<0.002	3.0	0.808
Avg		6.35		644.58	2.10	0.16	0.04	106.92	247.00	6.67	17.75	180.83	88.17	16.00	2.24	0.98	200.00	60.08	71.42	37.44	41.74	434.00	412.67	16.67	0.39	<0.002	5.07	0.85
April	Kumarapalayam	6.90	8.39	348	<2	0.05	0.10	49	170	7	<1	112	38	16	3	1	108	52	56	23	29	232	216	16	0.3	<0.002	3.2	0.7
May		5.6	7.7	459	<2	0.11	0.01	210	430	15	12	172	50	16	3	1	128	60	68	25	39	308	288	24	1.7	<0.002	5.0	0.7
June		4.6	7.6	513	7	0.45	0.91	250	580	21	<1	192	60	48	4	3	160	72	88	18	53	372	336	24	6.6	<0.002	6.2	0.8
July		6.5	7.4	468	2	0.14	0.65	170	310	7	16	196	60	16	3	2	140	64	76	16	39	316	296	12	5.8	<0.002	4.6	0.8
Aug		5.4	7.4	406	<2	0.06	0.00	140	380	3	<1	152	50	16	2	1	120	60	60	14	37	284	264	4	6.5	<0.002	5.1	0.7
Sep		5.4	7.3	324	2	0.46	0.01	210	470	8	<1	116	36	16	2	1	110	66	44	9	39	244	224	12	4.6	<0.002	5.2	0.7
Oct		6.5	7.7	329	<2	0.37	0.01	170	410	16	<1	124	24	16	2	1	128	68	60	19	25	218	198	20	4.6	<0.002	4.0	0.7
Nov		5.2	7.6	462	3	0.36	0.01	260	630	4.3	<1	164	61	24	4.5	2.2	130	27	15	16	40	312	288	12.0	4.6	<0.002	5.4	0.7
Dec		6.6	8.0	507	<2	0.32	0.02	170	430	5.9	24	192	60	16	2.8	1.1	184	37	22	36	40	344	328	8.0	4.6	<0.002	5.7	0.7
Jan		6.20	7.55	753.0	<2	0.37	0.015	84.0	210.0	6.30	16.00	216.00	72.00	8.00	3.36	2.24	250.0	44.0	34.00	52.0	37.0	472.0	452.0	24.0	4.58	<0.002	5.1	0.73
Feb		6.20	7.19	662.0	<2	0.36	0.019	120.0	280.0	5.60	8.00	172.00	85.00	16.00	2.24	0.56	176.0	34.0	22.00	10.0	35.0	424.0	400.0	16.0	4.59	<0.002	4.3	0.76
Mar		6.00	7.17	665.0	<2	0.39	0.016	120.0	350.0	4.20	<1	160.00	71.00	8.00	3.36	1.12	144.0	27.0	18.00	30.0	37.0	424.0	396.0	12.0	4.58	<0.002	4.0	0.75
Avg		5.93		491.33	3.68	0.29	0.15	162.75	387.50	8.62	15.20	164.00	55.58	18.00	2.94	1.38	148.17	50.92	46.92	22.30	37.36	329.17	307.17	15.33	4.41	<0.002	4.82	0.74
April	Urrachikotal	6.70	8.16	369	<2	0.15	0.06	32	94	12	<1	160	30	16	2	1	152	60	92	24	32	256	232	16	0.1	<0.002	3.9	1.0
May		6.0	7.7	367	<2	0.16	0.01	58	120	4	12	156	42	16	2	1	108	62	46	20	19	320	304	8	0.0	<0.002	2.4	0.8
June		6.1	8.2	391	<2	0.14	0.02	58	150	6	16	176	36	16	2	1	148	64	84	18	31	280	260	8	0.1	<0.002	4.1	0.9
July		6.9	7.8	404	<2	0.14	0.02	63	120	7	<1	196	42	16	3	1	164	72	92	10	33	312	296	8	0.1	<0.002	4.2	0.8
Aug		6.4	7.8	410	<2	0.13	0.02	46	110	7	16	180	43	16	2	1	142	38	78	15	34	284	268	8	0.1	<0.002	4.5	0.9
Sep		6.4	7.7	270	<2	0.14	0.02	70	170	4	<1	106	29	16	1	1	100	60	40	12	36	212	196	8	0.0	<0.002	5.2	0.9
Oct		6.2	8.1	331	<2	0.17	0.02	31	120	13	<1	128	32	16	2	1	144	60	84	16	39	244	228	16	0.1	<0.002	5.0	0.9
Nov		6.0	7.7	357	<2	0.13	0.02	26	63	5.1	<1	136	32	16	2.2	0.8	126	25	16	12	38	248	232	8.0	0.1	<0.002	5.4	0.8
Dec		7.0	8.0	580	<2	0.12	0.02	33	79	3.2	12	196	52	16	1.7	0.8	228	51	24	55	40	392	376	4.0	0.1	<0.002	5.6	0.8
Jan		6.00	8.06	497.0	2.30	0.14	0.014	33.0	110.0	11.40	<1	132.00	44.00	16.00	2.24	1.12	162.0	34.0	18.00	12.0	37.0	324.0	300.0	12.0	0.12	<0.002	6.2	0.86
Feb		6.10	7.53	448.0	<2	0.19	0.015	63.0	150.0	3.60	<1	172.00	38.00	8.00	1.12	0.56	138.0	27.0	17.00	17.0	30.0	292.0	280.0	8.0	0.14	<0.002	5.8	0.81
Mar		6.00	7.50	437.0	<2	0.21	0.014	32.0	94.0	3.20	20.00	140.00	34.00	8.00	2.24	1.12	142.0	26.0	18.00	17.0	30.0	288.0	268.0	8.0	0.13	<0.002	5.0	0.85
Avg		6.32		405.08	2.30	0.15	0.02	45.42	115.00	6.63	15.20	156.50	37.83	14.67	1.96	0.91	146.17	48.25	50.75	19.03	33.20	287.67	270.00	9.33	0.09	<0.002	4.78	0.85

Month	Name of station	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	Phenolphthaleine 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	Chirampalayam	6.90	8.04	419	<2	0.18	0.49	31	120	11	<1	124	36	16	3	1	128	72	56	25	26	308	288	16	0.0	<0.002	2.8	0.4
May		5.7	7.9	394	<2	0.25	0.01	220	430	9	16	152	38	16	3	1	112	60	52	17	28	268	248	16	0.2	<0.002	3.7	0.9
June		5.9	8.3	426	4	0.35	0.19	220	400	19	12	184	46	24	4	2	156	80	76	15	36	312	284	24	0.3	<0.002	4.8	0.9
July		6.1	7.3	416	<2	0.48	0.20	120	270	5	8	196	41	16	2	1	128	56	72	12	33	292	276	8	0.2	<0.002	4.1	0.9
Aug		5.8	7.4	373	<2	0.49	0.20	43	120	4	8	156	58	16	2	1	120	60	60	12	29	272	252	4	0.3	<0.002	4.3	0.9
Sep		6.0	7.1	276	<2	0.37	0.22	32	94	7	<1	108	33	16	1	1	98	54	44	11	25	184	168	8	0.3	<0.002	4.7	0.8
Oct		6.7	7.7	330	<2	0.34	0.21	31	84	17	<1	124	19	16	1	1	92	68	24	33	24	220	204	20	0.3	<0.002	3.2	0.8
Nov		6.2	7.9	366	<2	0.37	0.20	33	94	5.3	<1	132	39	16	2.2	1.1	116	24	13	13	27	244	224	16.0	0.4	<0.002	4.9	0.8
Dec		7.0	8.1	540	<2	0.31	0.20	43	120	3.9	28	184	60	8	1.7	0.8	248	45	33	42	29	356	340	4.0	0.4	<0.002	5.2	0.8
Jan		6.70	7.86	606.0	<2	0.36	0.198	32.0	94.0	4.90	20.00	196.00	50.00	8.00	1.68	1.12	196.0	46.0	19.00	56.0	25.0	384.0	364.0	12.0	0.32	<0.002	4.2	0.86
Feb		6.20	7.53	460.0	<2	0.37	0.187	31.0	84.0	3.90	8.00	152.00	39.00	8.00	2.24	0.56	160.0	32.0	19.00	20.0	20.0	292.0	272.0	8.0	0.30	<0.002	3.2	0.80
Mar		6.20	7.23	475.0	<2	0.40	0.192	31.0	94.0	3.60	<1	160.00	37.00	8.00	3.36	0.56	132.0	32.0	13.00	21.0	19.0	308.0	288.0	8.0	0.31	<0.002	3.0	0.77
Avg		6.28		423.42	3.60	0.36	0.21	72.25	167.00	7.89	14.29	155.67	41.33	14.00	2.24	0.93	140.50	52.42	40.08	23.08	26.73	286.67	267.33	12.00	0.28	<0.002	4.01	0.82
April	Sathyamangalam	7.10	7.35	178	<2	0.15	0.18	26	84	3	<1	72	16	8	2	1	72	36	36	1	11	136	120	12	0.0	<0.002	1.2	0.4
May		6.3	7.0	157	<2	0.19	0.01	43	94	4	<1	96	15	8	3	1	45	30	15	6	10	136	116	8	0.0	<0.002	2.5	0.2
June		6.2	7.2	175	<2	0.16	0.00	26	84	4	<1	76	20	16	2	1	74	64	10	8	14	128	116	8	0.0	<0.002	3.2	0.2
July		6.7	7.7	239	<2	0.19	0.01	22	79	5	<1	116	26	16	2	1	108	64	44	9	18	200	188	8	0.0	<0.002	3.5	0.1
Aug		6.2	6.6	175	<2	0.14	0.01	21	58	3	<1	80	21	8	1	0	70	64	32	4	13	140	128	4	0.0	<0.002	2.8	0.2
Sep		6.8	7.3	159	<2	0.17	0.01	17	48	6	<1	56	32	8	1	1	60	38	22	8	18	104	96	4	0.1	<0.002	2.9	0.3
Oct		6.1	6.7	166	<2	0.14	0.00	14	46	8	<1	56	17	8	1	1	52	40	12	<5	16	116	104	12	0.1	<0.002	2.4	0.3
Nov		6.2	6.8	135	<2	0.14	0.00	17	48	6	<1	64	15	8	2	1	52	12	5	6	15	120	112	8	0.1	<0.002	3.1	0.3
Dec		6.2	7.2	343	<2	0.15	0.00	17	49	3	8	120	36	16	1	1	140	30	16	19	17	220	204	4	0.1	<0.002	3.0	0.3
Jan		6.30	7.46	308.0	<2	0.11	0.022	17.0	43.0	7.30	<1	68.00	23.00	8.00	2.24	1.12	102.00	24.0	10.00	7.0	13.0	196.0	176.0	12.0	0.10	<0.002	4.3	0.28
Feb		6.20	6.51	177.0	<2	0.13	0.023	12.0	39.0	2.70	<1	76.00	16.00	8.00	2.24	0.56	54.00	14.0	4.00	8.0	8.0	124.0	112.0	8.0	0.11	<0.002	2.2	0.31
Mar		6.10	6.71	170.0	<2	0.14	0.024	14.0	40.0	2.10	<1	56.00	17.00	8.00	2.24	0.84	58.00	11.0	7.00	4.0	9.0	124.0	108.0	4.0	0.13	<0.002	2.0	0.32
Avg		6.37		198.50	<2	0.15	0.02	20.50	59.33	4.53	<1	78.00	21.17	10.00	1.87	0.70	73.92	35.58	17.75	7.22	13.51	145.33	131.67	7.67	0.07	<0.002	2.76	0.27
April	Kalingalrayan Canal (B5)	6.40	7.71	400	<2	0.24	0.01	31	110	7	<1	128	36	16	2	1	136	72	64	14	29	272	258	16	0.6	<0.002	4.6	0.7
May		6.1	7.0	379	<2	0.15	0.01	43	120	6	12	168	26	16	2	1	132	80	52	22	19	260	236	16	0.1	<0.002	2.5	1.1
June		5.6	7.3	640	3	0.19	0.01	63	170	21	<1	208	96	16	3	1	124	88	36	30	72	448	428	28	0.0	<0.002	8.0	0.4
July		6.8	7.8	337	<2	0.20	0.01	46	140	6	<1	144	32	16	3	1	124	84	40	26	21	252	236	8	0.1	<0.002	5.6	0.3
Aug		6.4	7.3	357	<2	0.17	0.01	21	84	2	<1	140	40	16	1	1	116	72	54	20	29	272	252	4	0.0	<0.002	3.7	0.4
Sep		6.6	7.6	483	<2	0.18	0.01	22	70	5	<1	176	41	16	1	1	186	110	76	29	17	312	292	4	0.1	<0.002	2.9	0.3
Oct		6.2	7.7	489	<2	0.19	0.01	33	79	9	8	192	49	16	2	1	200	108	92	31	28	332	312	16	0.1	<0.002	2.9	0.4
Nov		6.0	7.9	626	3	0.21	0.01	33	110	8	20	228	60	24	3	2	300	24	58	38	25	404	376	16	0.1	<0.002	3.2	0.4
Dec		6.4	8.2	600	<2	0.23	0.01	38	120	5	24	220	48	16	2	1	252	53	29	48	26	392	372	8	0.1	<0.002	3.0	0.4
Jan		6.20	8.03	781.0	<2	0.21	0.006	70.0	150.0	5.80	12.00	212.00	64.00	8.00	2.24	1.68	276.0	56.0	33.00	35.0	26.0	504.0	484.0	16.0	0.09	<0.002	3.8	0.40
Feb		6.00	7.05	423.0	<2	0.23	0.007	58.0	120.0	4.00	<1	132.00	40.00	8.00	1.12	0.56	104.0	26.0	10.00	18.0	18.0	272.0	260.0	12.0	0.10	<0.002	3.0	0.34
Mar		6.20	7.50	386.0	<2	0.24	0.008	31.0	84.0	3.20	<1	108.00	37.00	8.00	2.24	0.84	126.0	27.0	14.00	18.0	18.0	260.0	240.0	8.0	0.12	<0.002	3.1	0.35
Avg		6.24		491.75	2.55	0.20	0.01	40.75	113.08	6.74	15.20	171.33	47.42	14.67	2.15	1.00	173.00	66.67	46.50	27.42	27.36	331.67	312.17	12.67	0.11	<0.002	3.86	0.46

Month	Name of station	D.O mg/L	pH	Conductivity μ 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	Phenolphthaline 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 ₃ 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	Kalingalayan Canal (B10)	6.30	8.09	412	<2	0.27	0.02	47	120	9	<1	144	34	16	28	1	128	56	72	30	26	280	262	20	0.1	<0.002	3.6	0.6
May		6.3	8.0	379	<2	0.19	0.01	49	140	7	16	176	28	16	1	1	144	80	64	22	19	296	69	16	0.1	<0.002	2.4	0.8
June		5.7	8.2	506	<2	0.20	0.01	70	210	21	<1	224	52	16	3	1	192	116	76	16	38	364	344	28	0.1	<0.002	4.5	0.5
July		6.9	7.6	346	<2	0.21	0.01	63	170	14	<1	136	34	16	3	1	140	80	60	27	22	268	248	16	0.1	<0.002	5.7	0.5
Aug		6.3	7.3	356	<2	0.19	0.01	22	94	5	16	140	35	16	2	1	116	64	44	16	29	248	228	8	0.0	<0.002	3.7	0.5
Sep		6.4	7.8	486	<2	0.23	0.01	46	110	4	8	180	40	16	2	1	198	102	96	31	31	328	304	8	0.1	<0.002	4.9	0.5
Oct		6.3	7.8	511	<2	0.21	0.01	46	150	15	8	176	50	16	3	1	188	108	80	32	34	340	320	20	0.1	<0.002	5.0	0.6
Nov		6.3	7.9	652	<2	0.20	0.01	38	120	4	20	228	64	16	3	2	400	60	61	43	32	452	432	8	0.1	<0.002	4.7	0.5
Dec		6.6	8.4	670	<2	0.21	0.01	46	150	6	24	212	79	16	3	2	268	46	37	43	30	428	404	12	0.1	<0.002	4.8	0.5
Jan		5.90	8.54	764.0	2.50	0.24	0.023	170.0	240.0	7.70	8.00	156.00	60.00	16.00	1.68	1.12	270.0	68.0	24.00	49.0	27.0	488.0	460.0	24.0	0.11	<0.002	4.2	0.27
Feb		6.00	7.30	460.0	<2	0.24	0.021	170.0	310.0	5.80	<1	124.00	41.00	16.00	1.12	0.56	106.0	25.0	11.00	18.0	20.0	304.0	280.0	16.0	0.13	<0.002	4.0	0.25
Mar		6.20	7.57	389.0	<2	0.25	0.016	120.0	270.0	5.60	<1	116.00	35.00	8.00	2.24	0.56	120.0	27.0	13.00	18.0	20.0	244.0	220.0	16.0	0.16	<0.002	4.0	0.27
Avg		6.27		494.25	2.50	0.22	0.01	73.92	173.67	8.67	14.29	167.67	46.00	15.33	4.43	1.03	189.17	69.33	24.00	28.75	27.28	336.67	297.58	16.00	0.10	<0.002	4.29	0.49


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