

Station	Location	TSM (mg L ⁻¹)	%O ₂	δ ¹³ C-DIC	δ ¹⁸ O-O ₂	DOC (mg L ⁻¹)	POC (mg L ⁻¹)	PN (mg L ⁻¹)	Chl a (µg L ⁻¹)	δ ¹³ C-POC	δ ¹³ C-DOC	TA (mmol kg ⁻¹)	DIC (mmol kg ⁻¹)	pCO ₂	CH ₄ (nM)
Aberdares															
1	Muringato river	86.2	106	-7.2	21.6	2.48	5.04	0.47	n.d.	-25.1	-25.8	0.485	0.522	919	314
2	Chania river	2.0	119	-6.4	21.2	0.70	0.36	0.03	n.d.	-23.8	-24.0	0.457	0.480	488	42
3	Maguru river	2.5	105	-5.4	20.8	0.96	0.56	0.04	n.d.	-23.8	-23.7	0.145	0.181	715	87
4	Karuru, upstream of falls	0.6	101	-3.5	21.5	0.67	0.31	0.02	n.d.	-23.8	-24.2	0.151	0.181	615	25
Nyambene Hills / Meru National Park															
12	Mutundu river	18.6	105	-11.5	21.7	1.10	1.01	0.11	1.81	-22.7	-21.8	4.871	4.831	951	410
13	Rojewero river	8.8	115	-11.2	21.6	0.89	1.02	0.10	1.69	-24.6	-23.1	2.456	2.402	308	69
Mount Kenya															
15	Thingithu river	25.4	99	-6.5	21.2	0.29	0.91	0.07	0.75	-25.6	-23.2	0.784	0.825	1017	63
16	Mara river	11.9	103	-5.4	21.5	0.54	1.11	0.09	0.84	-25.5	-25.0	0.439	0.459	539	39
17	Nithi river	3.5	104	-4.5	21.5	0.72	0.81	0.06	0.70	-26.3	-23.7	1.014	1.022	396	40
18	Ruguti river	7.7	112	-2.4	20.7	0.92	1.22	0.10	1.08	-26.5	-27.7	0.699	0.703	274	92
19	Thuchi river	10.5	106	-6.6	21.0	1.21	1.13	0.10	1.17	-25.2	-25.0	0.498	0.492	110	56
Masinga Dam															
7	Masinga reservoir	2.6	114	-4.5	19.3	1.02	0.74	0.09	3.33	-28.7	-23.4	0.916	0.914	313	44
8	Masinga reservoir	2.0	108	-4.4	19.2	0.95	0.70	0.07	3.23	-29.3	-24.0	0.915	0.914	352	45
9	Masinga reservoir	2.1	113	-4.4	19.0	0.98	0.75	0.09	3.25	-29.1	-23.9	0.919	0.920	405	58
10	Masinga reservoir	2.5	110	-4.7	19.5	0.94	0.78	0.10	5.08	-28.8	-24.1	0.921	0.924	443	57
Main Tana River															
5	Sagana river, 5km before Masinga dam	15.8	88	-7.8	22.0	1.01	0.66	0.07	0.75	-22.8	-23.7	0.962	0.997	1085	505
6	Tana river just below Masinga dam	12.2	41	-8.9	-	0.98	0.57	0.06	0.85	-25.2	-23.9	0.915	1.040	3572	372
11	Tana river between Masinga and Katse	42.2	89	-10.2	23.0	0.94	0.84	0.10	0.90	-21.5	-23.8	1.013	1.075	2173	70
14	Tana river at Kora National Park (Adamsons Falls)	59.6	102	-9.2	22.2	0.84	1.21	0.14	0.41	-22.2	-23.4	1.105	1.113	502	54
20	Tana river, Sankuri	175.9	99	-8.4	20.8	1.13	2.78	0.27	4.43	-22.8	-22.8	1.267	1.275	640	
21	Tana river, Nanigi	253.1	98	-8.8	20.9	1.14	3.60	0.41	6.32	-22.9	-24.0	1.307	1.307	518	103
22	Tana river, Masalani	321.5	102	-8.4	21.5	1.16	4.39	0.53	6.59	-22.6	-22.9	1.348	1.352	579	87
23	Tana river, Tana River primate reserve	352.1	96	-8.6	21.3	0.97	4.60	0.53	6.96	-22.9	-22.9	1.371	1.375	612	101
24	Tana river, Garsen	402.8	97	-8.5	21.2	0.74	4.48	0.54	6.12	-22.2	-22.7	1.383	1.391	657	115
25	Tana river (Matombe branch), Chalaluma	483.0	74	-8.9	21.9	0.87	5.80	0.67	5.23	-21.2	-23.1	1.423	1.462	1543	387