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The riverine source of CH₄ and N₂O from the Republic of Congo, western Congo Basin

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Table S1. Dissolved NO_3^- , NH_4^+ , O_2 , N_2O and CH_4 , and percent saturations of O_2 , N_2O and CH_4 for rivers of the Republic of Congo.

Season	River	Latitude	Longitude	Predominant Land Cover	Oxygen	Oxygen	NO_3^-	NH_4^+	N_2O (nM)	N_2O	CH_4 (nM)	CH_4
					(mg l^{-1})	% Sat.	($\mu\text{g N l}^{-1}$)	($\mu\text{g N l}^{-1}$)		% Sat.		% Sat.
Wet	Djili	-2.581	14.781	Savanna	5.66	95	11.7	23.8	8.34	112	129.6	4550
Wet	Mbaluri	-4.131	15.336	Savanna	6.14	110	19.8	59.8	7.62	114	792.8	29721
Wet	Djiri	-4.130	15.312	Savanna	6.31	110	25.5	26.1	7.64	109	412.5	15083
Wet	Lefini	-2.914	15.629	Savanna	6.37	112			9.26	135	426.1	15779
Wet	Congo before rapid	-4.309	15.236	Savanna	4.63	86	68.6		8.76	139	14.6	571
Wet	Congo after rapid	-4.321	15.199	Savanna	5.89	109	86.6	27.2	7.67	121	174.5	6781
Wet	Congo after rapid	-4.320	15.202	Savanna	5.65	104	87.4	46.8	9.20	145	131.3	5091
Wet	Congo before rapid	-4.309	15.235	Savanna	4.66	86	86.4	44.2	9.32	148	23.5	919
Wet	Congo before rapid	-4.309	15.236	Savanna	4.69	87	86.5	41.3	9.81	156	19.9	778
Wet	Congo after rapid	-4.321	15.200	Savanna	5.53	102	93.8	47.3	10.63	167	116.0	4498
Wet	Djoue	-4.309	15.228	Savanna	7.72	134	37.6	44.4	8.64	122	191.4	6957
Wet	Nkeni	-1.881	15.872	Savanna	4.06	70	28.4	20.7	11.93	166	315.4	11338
Wet	Mouembe	1.728	18.004	Swamp forest	2.55	43	57.8	8.9	7.28	99	173.2	6135
Wet	Eholola	1.162	17.380	Swamp forest	0.84	15	50.1		5.41	83	537.8	20533
Wet	Likouala aux Herbes	1.172	17.378	Swamp forest	1.01	18	40.8		4.89	75	335.6	12761
Wet	Likouala aux Herbes	1.239	17.425	Swamp forest	0.60	11	41.5	0.8	5.06	77	426.4	16214
Wet	Likouala aux Herbes	1.320	17.440	Swamp forest	0.63	11	48.7		5.83	88	286.2	10815
Wet	Tanga	1.374	17.500	Swamp forest	0.25	4	54.7		4.21	63	752.2	28199
Wet	Likouala aux Herbes	1.628	17.364	Swamp forest	1.30	22	23.7	22.1	5.43	76	713.4	25649
Wet	Motima	2.023	18.057	Swamp forest	3.41	58	70		10.26	139	463.2	16369
Wet	Motaba	2.057	18.054	Swamp forest	0.48	8	28.8	24.8	6.57	95	1475.5	54295
Wet	Obangui	2.059	18.061	Swamp forest	5.00	91	122.6	5.1	7.93	122	76.8	2945
Wet	Bonzali	1.883	18.022	Swamp forest	4.20	71	65.4	76.8	9.04	122	312.3	11012
Wet	Moundoungoma	1.639	17.356	Swamp forest	2.34	40	21.9	15.8	4.86	66	1208.9	42813
Wet	Moundoungoma	1.682	17.155	Swamp forest	0.71	12	30.4	15.5	5.51	74	807.8	28422
Wet	Lombi	2.148	16.263	Swamp forest	4.29	73	103.1	35.7	9.88	133	449.3	15845
Wet	Mokoube	1.872	16.353	Swamp forest	3.91	65	31.1	31.6	9.07	119	411.4	14221
Wet	Ndoki	1.873	16.615	Swamp forest	0.09	2	14.1	6.3	3.21	47	8394.4	309533
Wet	Sangha	2.223	16.190	Tropical forest	6.38	116	113.4	28.8	8.39	128	110.4	4205
Wet	Mopanzi	2.057	16.122	Tropical forest	6.99	116	491.4	142.2	20.55	266	239.8	8236
Wet	Wali	2.225	16.192	Tropical forest	1.10	19	120.9	18.8	14.61	205	2730.3	98582
Wet	Mambili	0.362	15.410	Tropical forest	4.72	82	107.3	52.2	7.61	107	330.4	11929
Wet	Liouesso	1.051	15.697	Tropical forest	7.27	124	67.1	38.1	8.20	112	380.9	13519
Wet	Lobi	-0.018	15.630	Tropical forest	4.19	71	52.3	3.3	9.92	134	502.6	17685
Wet	Likouala-Mossaka	0.003	15.632	Tropical forest	4.73	83	79.8	39.3	10.55	152	2436.7	89476
Wet	Alima	-1.158	15.968	Tropical forest	5.47	97	16.5	33	8.06	118	270.1	10021
Wet	Nkomo	-1.188	15.956	Tropical forest	2.22	37	21.6	30.2	7.97	107	321.2	11302
Wet	Kouyou	-0.484	15.907	Tropical forest	5.64	101	33.8	43.9	9.33	140	280.4	10575
Wet	Mvouma	-0.633	15.904	Tropical forest	2.99	51	39.1	34.3	7.97	110	675.6	24136
Wet	Ngoko	-0.851	15.813	Tropical forest	0.85	14	0	25.7	7.70	103	377.8	13265
Wet	Congo Rapids	-4.309	15.236	Tropical forest	4.63	84	56.3	14.3	8.62	134	331.4	12729

Table S1 (continued). Dissolved NO_3^- , NH_4^+ , O_2 , N_2O and CH_4 , and percent saturations of O_2 , N_2O and CH_4 for rivers of the Republic of Congo.

Season	River	Latitude	Longitude	Predominant Land Cover	Oxygen (mg l^{-1})	Oxygen % Sat.	NO_3^- ($\mu\text{g N l}^{-1}$)	NH_4^+ ($\mu\text{g N l}^{-1}$)	N_2O (nM)	N_2O % Sat.	CH_4 (nM)	CH_4 % Sat.
Dry	Djiri	-4.130	15.311	Savanna					8.46	117	243.0	8717
Dry	Mbalui	-4.131	15.336	Savanna					7.98	113	150.1	5444
Dry	Lefini	-2.913	15.629	Savanna					8.17	116	170.4	6190
Dry	Nkeni	-1.881	15.872	Savanna					8.03	117	65.6	2430
Dry	Liouesso	1.050	15.687	Savanna					9.18	130	91.0	3300
Dry	Likouala aux Herbes	1.524	17.390	Swamp forest					8.09	115	40.2	1461
Dry	Motimba	1.883	18.021	Swamp forest					15.31	205	30.0	1054
Dry	Moundougoma	1.682	17.155	Swamp forest					6.31	83	344.0	11894
Dry	Moundougoma	1.656	17.240	Swamp forest					7.08	94	174.6	6103
Dry	Moundougoma	1.645	17.312	Swamp forest					6.45	85	224.9	7826
Dry	Moundougoma	1.639	17.357	Swamp forest					6.79	90	153.9	5357
Dry	Ndoki	1.873	16.615	Swamp forest					7.90	103	270.8	9341
Dry	Ndoki	1.585	16.605	Swamp forest					5.31	78	9552.8	354444
Dry	Sangha	1.609	16.067	Swamp forest					7.52	117	217.1	8336
Dry	Sangha	2.212	16.193	Swamp forest					8.71	128	171.3	6354
Dry	Lombe	2.148	16.263	Swamp forest					7.92	116	142.8	5299
Dry	Motaba	2.398	17.539	Tropical forest					8.45	108	115.0	3922
Dry	Sangha	2.048	16.085	Tropical forest					7.98	129	11.2	440
Dry	Mopandzi	2.057	16.122	Tropical forest					8.23	112	231.5	8218
Dry	Kouyou	-0.484	15.907	Tropical forest					8.46	132	18.1	698