

Name	location	Sampling date	hour	x (UTM, WGS 84, Zone 31N)	y (UTM, WGS 84, Zone 31N)	height over sea level (m) from SRTM data in 50x50 grid	water temperature (°C)	pH	O ₂ (mg/l)	O ₂ saturation (%)	el. conductivity (µS/cm)	Eh (mV)	HCO ₃ ⁻ (mg/l)	CO ₂ mg/l	Cl ⁻ (mg/l)	SO ₄ ²⁻ (mg/l)	F ⁻ (mg/l)	(NO ₃) ⁻ (mg/l)
GAST	Parakou	31.03.2004	16:00-16:30	459862	1035436	373.17	27.6	7.39	7.28	97.8	51	196			8.600	2.349	<0,3	<0,5
GAST	Parakou	06.04.2004	00:45	459862	1035436	373.17	25	6.5	5.3	67.5	25	234						
oad Bodi-Aled	near Bodi	15.04.2004	15:30	340420	1037111	421.42												
GAST	Parakou	16.04.2004	19:00	459862	1035436	373.17									2.069	4.311	<0,3	<0,5
DJOUGOU	Djougou	19.04.2004	18:45	353896	1073334	439.62												
DENDOUGOL	Dendougou	19.04.2004	19:00	360521	1076443	398.15	27.1	6.65	6.08	80.1	23	211	12.200	8.800	1.049	0.265	<0,3	<0,5
GAST	Parakou	21.04.2004	18:30	459862	1035436	373.17							126.251					
GAST	Parakou	26.04.2004	20:00	459862	1035436	373.17	22.4	6.56	7.15	87.2	37	-56						
d Tamarou-Par	near Parakou	27.04.2004	15:30	462431	1062631	357.21												
GAST	Parakou	03.10.2005	20:00	459862	1035436	375.19					-				0.2	0.3	nn	0.3
GAST	Parakou	08.10.2005	19:00	459862	1035436	375.19					-				0.3	1.6	nn	0.9

Name	NO ₂ ⁻ (mg/l)	PO ₄ ³⁻ (mg/l)	SiO ₂ (mg/l)	Na ⁺ (mg/l)	K ⁺ (mg/l)	Ca ²⁺ (mg/l)	Mg ²⁺ (mg/l)	Sr ²⁺ (mg/l)	Fe ²⁺ (mg/l)	Mn ²⁺ (mg/l)	NH ₄ ⁺ (mg/l)		Cl ⁻ (mmol(eq)/l)	SO ₄ ²⁻ (mmol(eq)/l)	HCO ₃ ⁻ (mmol(eq)/l)	NO ₃ ⁻ (mmol(eq)/l)	NO ₂ ⁻ (mmol(eq)/l)	HP0 ₄ ²⁻ (mmol(eq)/l)
GAST	<0.5	0.365	<0.2	4.160	7.290	4.230	0.790	<0,025	0.176	0.226	2.640		0.243	0.049	0.502	0.000	0.000	0.012
GAST																	0.000	0.000
oad Bodi-Aled																	0.000	0.000
GAST	<0.5			2.010	1.100	2.990	0.780	<0,025	0.101	0.154			0.058	0.090		0.000	0.000	0.000
DJOUGOU													0.000				0.000	0.000
DENDOUGOU	<0.5	0.250	<0.2	1.540	0.680	1.700	0.440	<0,025	0.154	0.035	1.060		0.030	0.006	0.200	0.000	0.000	0.008
GAST																		
GAST																		
d Tamarou-Par																		
GAST	0.3			0.1	0.2	0.54	0	0.1	0.006	0.002			0.006	0.006	0.000	0.004	0.006	0.000
GAST	0.3			0.2	0.3	1	0	0.1	0.01	0.002			0.008	0.033	0.000	0.015	0.006	0.000

Name	Na ⁺ (mmol(eq)/l)	K ⁺ (mmol(eq)/l)	Ca ²⁺ (mmol(eq)/l)	Mg ²⁺ (mmol(eq)/l)	Fe ²⁺ (mmol(eq)/l)	Mn ²⁺ (mmol(eq)/l)	NH ₄ ⁺ (mmol(eq)/l)
GAST	0.181	0.187	0.211	0.065	0.006	0.008	0.147
GAST	0.000	0.000	0.000	0.000	0.000	0.000	
oad Bodi-Aled	0.000	0.000	0.000	0.000	0.000	0.000	
GAST	0.087	0.028	0.149	0.064	0.004	0.006	0.000
DJOUGOU	0.000	0.000	0.000	0.000	0.000	0.000	
DENDOUGOL	0.067	0.017	0.085	0.036	0.006	0.001	0.059
GAST							
GAST							
d Tamarou-Par							
GAST	0.004	0.005	0.027	0.000	0.000	0.000	0.000
GAST	0.009	0.008	0.050	0.000	0.000	0.000	0.000