

Name	location	sampling date	description of sampling point	x (UTM WGS84 Zone31N)	y (UTM WGS84 Zone31N)	height over sea level (m) from SRTM data	water temperature (°C)	pH	el. conductivity (µS/cm)	Eh (mV)	HCO <sub>3</sub> <sup>-</sup> (mg/l)	CO2 mg/l	Cl <sup>-</sup> (mg/l)	SO <sub>4</sub> <sup>2-</sup> (mg/l)	F <sup>-</sup> (mg/l)	(NO <sub>3</sub> ) <sup>-</sup> (mg/l)	NO <sub>2</sub> <sup>-</sup> (mg/l)	PO <sub>4</sub> <sup>3-</sup> (mg/l)	SiO <sub>2</sub> (mg/l)	Na <sup>+</sup> (mg/l)
AFF-1	Affon	17.04.2004	river	400794	1078023	307.11	30.2	7.45	200	172	128.100	8.800	1.938	1.546	<0,3	<0,5	<0,5	1.230	24.125	14.130
BAS-BR	Bassila	28.03.2004	lake	354845	996033	385.93	31.1	8.18	60	267	48.800	4.400	2.278	<0,5	<0,3	<0,5	<0,5	0.625	18.525	10.590
BAS-BR	Bassila	25.03.2005	lake	354845	996033	385.93	32.6	8.05	64	-14	42.7	8.8	4.5	1.7	0.55	3.5	0.44	0.420	32.20	10.9
BET-BR	Ouémé	26.03.2004	river	419947	1016862	251.65	34.4	7.74	116	296	70.150	4.400	3.911	1.900	<0,3	<0,5	<0,5	0.300	15.438	12.230
BET-BR	Ouémé	12.10.2004	river	419455	1016912	251.65	30.1	7.28	64	107	39.65	4.4	1.6	1.5	< 0,3	< 0,7	< 0,8	0.34	10.44	5.99
BET-BR	Ouémé	07.03.2005	river	419455	1016912	251.65	29	7.29	106	25	64.05	6.6	2.8	0.33	0.55	0.385	0.44	0.343	10.80	11.4
DPN-BR	Diapani	15.04.2004	lake	349617	1005177	384.76	31.5	7.27	193	147	109.800	11.000	3.802	2.372	<0,3	26.026	<0,5	0.200	13.250	11.810
DJO-BR	Djougou	19.04.2004	lake	352372	1070659	422.73	32.6	9.16	60	102	41.437	4.400	5.100	2.500	<0,3	<0,5	<0,5	< 0,2	<0,2	10.140
DJO-BR	Djougou	23.09.2004	lake	352372	1070659	422.73	28.7	6.68	35	59	18.3	4.4	1.3	< 0,7	< 0,3	< 0,7	< 0,8	< 0,2	6.27	3.95
DJO-BR	Djougou	07.03.2005	lake	352372	1070659	422.73	31.8	8.15	52	32	36.6	6.6	4.9	2.9	0.55	2.9	0.44	0.010	1.60	7.9
DJO-BR	Djougou	05.09.2005	lake	352372	1070659	422.73	26.9	7.05	42	211	36.6	4.4	3.1	0.3	nn	0.3	0.3	0.37	6.02	6.2
OKP-1	Okpara	28.03.2005	lake	470614	1026203	310.65	28.4	6.74	90	180	48.8	8.8	11.9	0.33	0.55	0.385	0.44	0.008	10.30	8.1
OKP-1	Okpara	20.02.2006	lake	470614	1026203	310.65	32.9	6.52	75	154	30.5	0.5	6.5	6	0.33	0.3	0.28	0.19	9.8	7
TER-1	Térou-Bridge	04.09.2005	river	377057	1004076	310	25.6	6.77	65	98	97.6	8.8	8.0	0.3	nn	0.3	0.3	0.68	10.6	7.2

Name	K <sup>+</sup> (mg/l)	Ca <sup>2+</sup> (mg/l)	Mg <sup>2+</sup> (mg/l)	Sr <sup>2+</sup> (mg/l)	Fe <sup>2+</sup> (mg/l)	Mn <sup>2+</sup> (mg/l)	NH <sub>4</sub> <sup>+</sup> (mg/l)		Cl <sup>-</sup> (mmol(eq)/l)	SO <sub>4</sub> <sup>2-</sup> (mmol(eq)/l)	HCO <sub>3</sub> <sup>-</sup> (mmol(eq)/l)	NO <sub>3</sub> <sup>-</sup> (mmol(eq)/l)	NO <sub>2</sub> <sup>-</sup> (mmol(eq)/l)	HP0 <sub>4</sub> <sup>2-</sup> (mmol(eq)/l)	Na <sup>+</sup> (mmol(eq)/l)	K <sup>+</sup> (mmol(eq)/l)	Ca <sup>2+</sup> (mmol(eq)/l)	Mg <sup>2+</sup> (mmol(eq)/l)	Fe <sup>2+</sup> (mmol(eq)/l)	Mn <sup>2+</sup> (mmol(eq)/l)
AFF-1	9.110	19.010	6.680	0.350	2.272	0.847	1.590		0.055	0.032	2.100	0.000	0.000	0.039	0.615	0.233	0.949	0.549	0.081	0.031
BAS-BR	3.910	4.670	1.320	0.110	0.378	0.078	1.115		0.064	0.000	0.800	0.000	0.000	0.020	0.461	0.100	0.233	0.109	0.014	0.003
BAS-BR	4.5	5.1	1.8	0	0.138	0.057	0.413		0.127	0.035	0.700	0.056	0.010	0.009	0.474	0.115	0.254	0.148	0.005	0.002
BET-BR	4.520	7.700	4.700	0.170	0.168	0.063	0.550		0.110	0.040	1.150	0.000	0.000	0.009	0.532	0.116	0.384	0.386	0.006	0.002
BET-BR	1.937	7.627	2.28	0.344	1.313	0.014	< 0.2		0.045	0.031	0.650	0.000	0.000	0.007	0.261	0.050	0.381	0.188	0.047	0.001
BET-BR	4.9	5.7	4.2	0.01	0.3	0.066	0.553		0.079	0.007	1.050	0.006	0.010	0.007	0.496	0.125	0.284	0.346	0.011	0.002
DPN-BR	3.810	19.880	8.650	0.560	0.945	0.807	0.740		0.107	0.049	1.800	0.419	0.000	0.006	0.514	0.098	0.992	0.711	0.034	0.029
DJO-BR	2.680	3.900	1.240	<0.025	0.475	0.068	0.890		0.144	0.052	0.679	0.000	0.000	0.000	0.441	0.069	0.195	0.102	0.017	0.002
DJO-BR	1.182	2.31	0.9	0.156	1.14	0.012	< 0.2		0.038	0.000	0.300	0.000	0.000	0.000	0.172	0.030	0.115	0.074	0.041	0.000
DJO-BR	3.8	5.8	1.9	0	0.76	0.047	0.511		0.138	0.060	0.600	0.047	0.010	0.000	0.344	0.097	0.289	0.156	0.027	0.002
DJO-BR	3.1	3.5	1.4	0	2.04	0.012	0.419		0.087	0.006	0.600	0.004	0.006	0.008	0.270	0.079	0.175	0.115	0.073	0.000
OKP-1	2.7	7.7	2.6	0	0.593	0.078	0.136		0.336	0.007	0.800	0.006	0.010	0.000	0.352	0.069	0.384	0.214	0.021	0.003
OKP-1	2	8	2	0.55	0.017	0.792	0.203		0.183	0.125	0.500	0.005	0.006	0.004	0.304	0.051	0.399	0.165	0.001	0.029
TER-1	6.8	5.9	1.7	0.1	6.747	0.033	0.524		0.226	0.006	1.600	0.004	0.006	0.014	0.313	0.174	0.294	0.140	0.242	0.001

Name	NH <sub>4</sub> <sup>+</sup> (mmol(eq)/l )
AFF-1	0.088
BAS-BR	0.062
BAS-BR	0.023
BET-BR	0.031
BET-BR	0.000
BET-BR	0.031
DPN-BR	0.041
DJO-BR	0.049
DJO-BR	0.000
DJO-BR	0.028
DJO-BR	0.023
OKP-1	0.008
OKP-1	0.01125277
TER-1	0.029