

Table 10.2 Annual fluxes, percentages of total fluxes and ratios in the northern (GBN) and southern Guinea Basin (GBS). Annual averages and interannual variability is also shown.

Site	Year	Trap depth (m)	FLUXES in g m ⁻²						PERCENTAGES					RATIOS			
			Total	Opal	C _{org}	N _{ges}	CaCO ₃	Lith.	Opal	C _{org}	N _{ges}	CaCO ₃	Lith.	C/N atom	C _{org} / Opal*	C _{org} / C(CaCO ₃)	δ ¹³ C ‰ PDB
NORTHERN GUINEA BASIN																	
<i>GBN upper level</i>																	
GBN3	1989	853	25.3	3.1	2.8	0.34	13.1	3.8	12.1	10.9	1.34	51.6	15.2	9.5	0.9	1.8	-21.9
GBN6	1990	859	20.9	2.2	1.9	0.27	13.1	3.4	10.5	9.1	1.29	62.7	16.3	8.4	0.9	1.4	-21.6
EA2	1991	953	27.0	2.6	2.8	0.39	13.0	5.9	9.6	10.4	1.45	48.2	21.9	8.2	1.1	1.8	-21.3
<i>Ann. aver.</i>			24.4	2.6	2.5	0.33	13.1	4.4	10.8	10.1	1.36	54.2	17.8	8.7	1.0	1.7	-21.6
<i>Interann. var. (%)</i>			24.9	32.8	36.2	36.0	0.8	57.1									
<i>GBN lower level</i>																	
GBN3	1989	3921	34.2	4.3	2.0	0.25	18.5	7.5	12.5	5.8	0.73	54.1	21.8	9.4	0.5	0.9	-21.3
GBN6	1990	3965	38.0	5.1	1.9	0.24	21.2	8.0	13.5	5.0	0.63	55.6	21.0	9.3	0.4	0.7	-21.7
EA2	1991	no data	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Ann. aver.</i>			36.1	4.7	2.0	0.25	19.8	7.7	13.0	5.4	0.68	54.8	21.4	9.4	0.5	0.8	-21.5
<i>Interann. var. (%)</i>			10.5	17.9	5.1	4.1	13.7	7.0									
SOUTHERN GUINEA BASIN																	
<i>GBS upper level</i>																	
GBZ4	1989	696	9.5	0.7	1.1	0.13	5.3	1.2	7.7	11.6	1.37	56.0	13.1	10.1	1.5	1.7	-22.1
GBZ5	1990	597	20.4	1.4	2.7	0.30	11.3	2.3	6.9	13.3	1.47	55.0	11.3	10.7	1.9	2.0	-22.8
EA4	1991	1068	12.9	0.8	1.2	0.17	8.1	1.3	6.2	9.3	1.32	62.8	10.1	8.6	1.6	1.3	-21.8
<i>Ann. aver.</i>			14.3	1.0	1.7	0.20	8.2	1.6	6.9	11.4	1.39	57.9	11.5	9.8	1.7	1.7	-22.2
<i>Interann. var. (%)</i>			76.2	68.6	96.0	85.0	71.6	65.7									
<i>GBS lower level</i>																	
GBZ4	1989	no data	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
GBZ5	1990	3382	36.4	5.4	2.1	0.28	23.6	3.2	14.9	5.8	0.77	64.8	8.6	8.8	0.4	0.8	-22.0
EA4	1991	no data	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* weight/weight