Table 15.2a Fluxes of components to the deep northern Bay of Bengal and their ratios.

Period	Total flux ($g\ m^{-2}$)	Carb. flux ($g\ m^{-2}$)	Carb. (%)	Opal flux ($g\ m^{-2}$)	Opal (%)	Lith. flux ($g\ m^{-2}$)	Lith. (%)	C_{org} flux ($g\ m^{-2}$)	C_{org} (%)	N flux ($g\ m^{-2}$)	N (%)	C/N	C_{org} / $C_{Carb.}$	Carb./ Opal
$NBBT_N$														
SW-NE 1987	6.00	1.19	19.8	1.23	20.5	3.04	50.7	0.30	5.00	0.037	0.62	8.11	2.10	0.97
NE 1987/88	9.96	2.56	25.7	1.38	13.9	5.09	51.1	0.54	5.42	0.066	0.66	8.18	1.76	1.86
NE-SW 1988	9.17	2.49	27.2	1.62	17.7	4.18	45.6	0.56	6.11	0.065	0.71	8.62	1.87	1.54
SW 1988	26.68	4.51	16.9	4.30	16.1	15.53	58.2	1.30	4.87	0.150	0.56	8.67	2.40	1.05
1987/88	**51.81**	**10.75**	**20.7**	**8.53**	**16.5**	**27.84**	**53.7**	**2.70**	**5.21**	**0.318**	**0.61**	**8.49**	**2.09**	**1.26**
SW-NE 1988	6.42	1.21	18.8	1.87	29.1	2.74	42.7	0.33	5.14	0.039	0.61	8.46	2.27	0.65
NE 1988/89	12.83	4.45	34.7	3.53	27.5	3.26	25.4	0.73	5.69	0.101	0.79	7.23	1.37	1.26
NE-SW 1989	13.74	4.22	30.7	3.08	22.4	4.80	34.9	0.91	6.62	0.121	0.88	7.52	1.80	1.37
SW 1989	19.23	6.52	33.9	3.62	18.8	7.26	37.8	1.02	5.30	0.139	0.72	7.34	1.30	1.80
1988/89	**52.22**	**16.40**	**31.4**	**12.10**	**23.2**	**18.06**	**34.6**	**2.99**	**5.73**	**0.400**	**0.77**	**7.48**	**1.52**	**1.36**
SW-NE 1989	5.44	2.02	37.1	1.10	20.2	1.79	32.9	0.30	5.51	0.036	0.66	8.33	1.24	1.84
$NBBT_S$														
NE 1989/90	7.30	2.73	37.4	1.72	23.6	1.94	26.6	0.51	6.99	0.061	0.84	8.36	1.56	1.59
NE-SW 1990	6.06	2.38	39.3	1.49	24.6	1.38	22.8	0.45	7.43	0.056	0.92	8.04	1.58	1.60
SW 1990	12.06	4.57	37.9	2.32	19.2	3.84	31.8	0.74	6.14	0.089	0.74	8.31	1.35	1.97
SW-NE 1990	6.32	2.30	40.8	1.36	21.5	1.76	27.8	0.34	5.38	0.043	0.68	7.91	1.10	1.90
1989/90	**31.74**	**12.26**	**38.6**	**6.89**	**21.7**	**8.92**	**28.1**	**2.04**	**6.43**	**0.249**	**0.78**	**8.19**	**1.39**	**1.78**
NE 1990/91	7.84	2.41	30.7	1.75	22.3	2.66	33.9	0.56	7.14	0.062	0.79	9.03	1.94	1.38
NE-SW 1991	7.78	2.35	30.2	2.23	28.7	2.20	28.3	0.56	7.20	0.065	0.84	8.62	1.99	1.05
SW 1991	11.51	3.93	34.1	2.61	22.7	3.67	31.9	0.72	6.26	0.082	0.71	8.78	1.53	1.51
SW-NE 1991	5.06	1.79	35.4	1.28	25.3	1.38	27.3	0.34	6.72	0.042	0.83	8.10	1.58	1.40
1990/91	**32.19**	**10.48**	**32.6**	**7.87**	**24.4**	**9.91**	**30.8**	**2.18**	**6.77**	**0.251**	**0.78**	**8.69**	**1.73**	**1.33**

Table 15.2b Fluxes of components to the deep central Bay of Bengal and their ratios.

Period	Total flux ($g\ m^{-2}$)	Carb. flux ($g\ m^{-2}$)	Carb. (%)	Opal flux ($g\ m^{-2}$)	Opal (%)	Lith. flux ($g\ m^{-2}$)	Lith. (%)	C_{org} flux ($g\ m^{-2}$)	C_{org} (%)	N flux ($g\ m^{-2}$)	N (%)	C/N	C_{org} / $C_{Carb.}$	Carb./ Opal
CBBT														
SW-NE 1987	5.62	2.41	42.9	0.80	14.2	1.91	34.0	0.27	4.80	0.033	0.59	8.18	0.93	3.01
NE 1987/88	14.07	5.29	37.6	3.79	26.9	3.42	24.3	0.88	6.25	0.110	0.78	8.00	1.39	1.40
NE-SW 1988	7.16	2.77	38.7	1.17	16.3	2.41	33.7	0.45	6.28	0.051	0.71	8.82	1.35	2.37
SW 1988	16.31	5.75	35.3	2.38	14.6	6.54	40.1	0.91	5.58	0.104	0.64	8.75	1.32	2.42
1987/88	**43.16**	**16.22**	**37.6**	**8.14**	**18.9**	**14.28**	**33.1**	**2.51**	**5.82**	**0.298**	**0.69**	**8.42**	**1.29**	**1.99**
SW-NE 1988	5.59	2.00	35.8	1.09	19.5	1.98	35.4	0.29	5.19	0.035	0.63	8.29	1.21	1.83
NE 1988/89	12.58	4.38	34.8	2.99	23.8	3.90	31.0	0.72	5.72	0.092	0.73	7.83	1.37	1.46
NE-SW 1989	9.28	3.24	34.9	2.00	21.6	2.91	31.4	0.63	6.79	0.080	0.86	7.88	1.62	1.62
SW 1989	22.32	6.42	28.8	4.40	19.7	9.15	41.0	1.30	5.82	0.176	0.79	7.39	1.69	1.46
1988/89	**49.77**	**16.04**	**32.2**	**10.48**	**21.1**	**17.94**	**36.0**	**2.94**	**5.91**	**0.383**	**0.77**	**7.68**	**1.53**	**1.53**
SW-NE 1989	8.18	2.25	27.5	1.61	19.7	3.54	43.3	0.43	5.26	0.056	0.68	7.68	1.59	1.40
NE 1989/90 *	16.63	4.97	29.9	4.21	25.3	5.87	35.3	0.88	5.27	0.110	0.66	7.98	1.47	1.18
NE-SW 1990	8.29	3.49	42.1	1.56	18.8	2.43	29.3	0.45	5.43	0.055	0.66	8.18	1.07	2.24
SW 1990	18.46	6.01	32.6	4.00	21.7	6.80	36.8	0.92	4.98	0.110	0.60	8.36	1.28	1.50
SW-NE 1990	17.48	2.76	15.8	3.69	21.1	9.69	55.4	0.75	4.29	0.091	0.52	8.24	2.26	0.75
1989/90 *	**60.86**	**17.23**	**28.3**	**13.46**	**22.1**	**24.79**	**40.7**	**3.00**	**4.92**	**0.366**	**0.60**	**8.19**	**1.45**	**1.28**
NE 1990/91	23.24	4.04	17.4	5.86	25.2	11.75	50.6	0.89	3.83	0.111	0.48	8.02	1.84	0.69
NE-SW 1991	11.68	3.14	26.9	2.41	20.6	4.98	42.6	0.64	5.48	0.074	0.63	8.65	1.70	1.30
SW 1991	18.33	5.04	27.5	3.91	21.3	7.43	40.5	1.09	5.95	0.125	0.68	8.72	1.80	1.29
SW-NE 1991	10.27	2.19	21.3	1.59	15.5	5.55	54.0	0.52	5.06	0.064	0.62	8.13	1.98	1.38
1990/91	**63.52**	**14.41**	**22.7**	**13.77**	**21.7**	**29.71**	**46.8**	**3.14**	**4.94**	**0.374**	**0.59**	**8.40**	**1.82**	**1.05**

* = Data from the period NE 1989/90 are missing. The values for this period have been interpolated.

Table 15.2c Fluxes of components to the deep southern Bay of Bengal and their ratios.

Period	Total flux ($g\ m^{-2}$)	Carb. flux ($g\ m^{-2}$)	Carb. (%)	Opal flux ($g\ m^{-2}$)	Opal (%)	Lith. flux ($g\ m^{-2}$)	Lith. (%)	C_{org} flux ($g\ m^{-2}$)	C_{org} (%)	N flux ($g\ m^{-2}$)	N (%)	C/N	$C_{org}/C_{Carb.}$	Carb./ Opal
SBBT														
SW-NE 1987	5.43	2.59	47.7	1.16	21.4	1.24	22.8	0.25	4.60	0.031	0.57	8.06	0.80	2.23
NE 1987/88	8.25	3.52	42.7	1.66	20.1	2.17	26.3	0.40	4.85	0.050	0.61	8.00	0.95	2.12
NE-SW 1988	9.11	3.94	43.2	1.48	16.2	2.68	29.4	0.56	6.15	0.067	0.74	8.36	1.18	2.66
SW 1988	15.58	8.53	54.7	2.91	18.7	2.56	16.4	0.88	5.65	0.108	0.69	8.15	0.86	2.93
1987/88	**38.37**	**18.58**	**48.4**	**7.21**	**18.8**	**8.65**	**22.5**	**2.09**	**5.45**	**0.256**	**0.67**	**8.16**	**0.94**	**2.58**
NE 1990/91	5.47	2.67	48.8	1.76	32.2	0.48	8.8	0.31	5.67	0.042	0.77	7.38	0.97	1.52
NE-SW 1991	7.26	3.61	49.7	1.97	27.1	0.84	11.6	0.46	6.34	0.059	0.81	7.80	1.06	1.83
SW 1991	12.88	6.09	47.3	3.40	26.4	2.04	15.8	0.75	5.82	0.088	0.68	8.52	1.03	1.79
SW-NE 1991	5.36	2.68	50.0	1.43	26.7	0.66	12.3	0.33	6.16	0.041	0.76	8.05	1.03	1.87
1990/91	**30.97**	**15.05**	**48.6**	**8.56**	**27.6**	**4.02**	**13.0**	**1.85**	**5.97**	**0.230**	**0.74**	**8.04**	**1.02**	**1.76**