

Station No.	Depth [m]	$\delta^{15}\text{N}_{\text{PN}}$ [‰]	Total Flux [mg/m ² d ⁻¹]	POC [mg/m ² d ⁻¹]	POC [%]	OM [%]	N [%]	C/N _{mol}	Carbonate [%]	AA+HA [mg/m ² d ⁻¹]	AA+HA [mg/g sed.]	ASP/b-ALA	GLU/g-ABA	RI	DI	AA-C [%]	AA-N [%]
EASTsh 1+2	~1300	6.45	19.73	1.96	9.94	17.89	1.24	8.22	51.42	0.98	49.68	15.82	20.73	6.08	0.57	18.55	47.87
EASTsh 3	1705	6.51	89.23	5.98	6.70	12.06	0.77	8.79	52.00	1.87	20.98	11.35	12.14	3.63	0.40	12.96	33.43
EAST sh 4	1310	6.40	18.98	1.77	9.35	16.83	1.14	8.18	52.06	0.70	37.11	15.19	20.60	5.37	0.57	16.20	41.78
EAST sh 5	1459	6.01	2.66	0.15	5.80	10.44	0.94	7.86	56.18	0.05	19.40	10.71	8.37	3.04	0.58	11.73	22.83
EAST sh 6	1692	6.40	91.18	9.47	10.38	18.69	1.61	7.26	42.89	2.38	26.14	12.81	12.53	4.04	0.51	12.92	33.26
EAST dp 1	3770		119.12	8.53	7.63	13.74	0.80	9.63	47.35	2.11	18.30	9.76	9.14	3.05	0.22	10.17	31.25
EAST dp 2+3	~3775	6.40	66.37	4.99	7.26	13.07	0.80	9.23	52.25	2.00	18.35	11.29	10.73	3.49	0.36	13.46	41.00
EAST dp 4+5	~2850	5.72	68.31	5.03	6.27	11.28	0.71	8.80	51.40	1.93	17.38	12.66	10.32	3.59	0.35	12.13	32.34
EAST dp 6	2928	5.81	80.37	5.19	6.31	11.36	0.97	7.26	49.36	2.04	20.85	12.03	9.53	3.34	0.36	13.85	34.40
CAST sh 1	732		115.18	7.80	7.10	12.77	0.91	7.90	64.33	3.78	30.54	13.88	20.84	5.51	0.56	17.73	45.84
CAST sh 2+3	~1050	8.01	75.71	6.83	8.25	14.86	1.15	7.63	61.25	3.81	38.95	15.95	20.66	6.35	0.65	19.71	48.12
CAST sh 4+5	~1450	8.19	56.17	6.10	7.94	14.29	1.04	7.44	56.07	2.71	33.06	10.29	13.20	6.96	0.31	16.68	36.04
CAST dp 1	3900	7.48	101.50	5.55	5.89	10.60	0.73	8.26	63.97	1.83	20.07	10.74	17.97	3.93	0.34	13.71	37.33
CAST dp 2+3	3900	7.21	53.88	4.59	6.39	11.51	0.78	8.43	65.00	2.11	25.07	11.40	16.81	4.19	0.35	15.42	41.44
CAST dp 4	2933	7.32	114.84	7.26	6.48	11.66	0.81	7.98	59.87			13.29	14.28	4.11	0.26	13.68	36.43
CAST dp 5+6	~3070	6.32	21.34	1.66	7.26	13.06	0.94	7.57	55.77	1.24	31.08	10.54	25.69	4.91	0.34	16.85	42.64
WAST sh 1+2	1030	7.78	115.28	8.35	8.57	15.42	1.10	8.35	58.68	4.53	46.49	16.76	24.27	5.80	0.49	20.14	50.22
WAST sh 3	1085	7.47	247.18	12.27	7.70	13.86	1.00	7.69	59.22	5.45	32.83	13.96	14.95	4.98	0.54	17.69	44.36
WAST sh 4+5	~1085		26.98	3.23	9.11	16.40	1.06	8.37	34.96	1.60	27.01	10.47	15.31	5.72	0.38	24.53	56.31
WAST sh 6	1093	7.84	68.86	5.23	7.28	13.11	0.99	7.89	34.20	2.64	30.36	6.63	7.15	4.63	0.35	19.98	51.69
WAST dp 1	4020	6.78	173.28	7.48	4.59	8.27	0.56	8.33	56.98	3.39	19.96	15.72	13.52	4.39	0.20	17.27	46.33
WAST dp 2	4018	7.33	63.28	3.34	7.84	14.12	0.98	8.14	60.76	1.58	40.18	14.55	20.32	5.13	0.41	20.33	52.99
WAST dp 3	4010	7.09	216.18	10.10	6.35	11.43	0.81	7.91	59.54	3.97	23.56	7.14	15.79	4.09	0.26	15.03	39.89
WAST dp 4	4016	7.39	159.41	8.78	6.15	11.07	0.76	8.83	57.97	3.22	22.89	14.79	14.39	4.73	0.22	14.53	41.52
WAST dp 5+6	4016	7.44	215.76	12.25	6.30	11.34	0.82	7.71	50.45	5.29	27.18	9.03	9.19	2.92	0.40	16.03	41.53