

Sample	CTD station	Julian Day	Longitude		Latitude	Temperature (°C)	Salinity	Pressure (dbar)	z _{mix} (m)	c(O ₂) (μmol Kg ⁻¹)	Δ(O ₂ /Ar) (%)	F _{bio} (μmol m ⁻² d ⁻¹)	N (μmol m ⁻² d ⁻¹)	δ ¹⁷ O		δ ¹⁸ O		17Δ ppm
			West	South										wrt air (o/oo)	wrt air (o/oo)			
1	3	62.73	-69.21	-72.41	-1.35	31.97	997.06	13	390.22	12.5	60.0	64.7	-0.55	-1.21	77.1			
2	6	63.03	-69.43	-73.22	-1.60	31.96	998.41	17	390.22	11.9	NaN	NaN	-0.51	-1.20	109.1			
3	7	63.36	-69.18	-73.71	-0.95	32.14	1001.18	11	390.22	13.1	54.2	68.5	-0.51	-1.11	62.6			
4	10	63.67	-69.31	-74.67	-1.18	31.88	1004.79	11	389.53	15.3	NaN	13.0	-0.66	-1.38	53.2			
5	11	64.01	-69.41	-74.92	0.16	32.66	1004.19	29	389.53	7.4	41.8	45.9	-0.18	-0.42	33.9			
6	15	64.47	-69.74	-75.95	-0.42	32.62	995.00	15	366.22	6.6	34.2	42.9	-0.13	-0.32	42.3			
7	16	64.61	-70.14	-76.02	-0.83	32.66	993.08	13	352.72	2.6	27.6	34.6	0.12	0.15	41.0			
8	19	64.95	-70.30	-76.24	-0.69	32.70	989.58	21	353.26	2.4	NaN	NaN	0.12	0.16	42.7			
9	24	66.04	-70.59	-76.82	-1.62	32.65	1002.21	17	376.81	-1.1	NaN	NaN	0.35	0.60	41.7			
10	29	66.47	-71.11	-76.41	-1.29	33.09	999.16	13	376.81	-0.9	NaN	NaN	0.32	0.56	29.6			
11	35	66.93	-71.58	-75.59	-1.50	32.40	985.97	11	389.60	8.7	41.6	54.9	-0.18	-0.50	83.2			
12	65	70.51	-71.24	-76.50	-1.15	33.07	998.60	11	368.92	4.5	NaN	NaN	0.04	-0.01	42.1			
13	65	70.52	-71.24	-76.50	-1.16	33.07	998.54	11	368.92	3.5	NaN	NaN	0.08	0.08	40.3			
14	84	73.57	-72.75	-87.82	-1.67	32.86	1011.51	21	369.38	4.0	18.6	19.2	0.26	0.40	50.2			
15	84	73.57	-72.75	-87.82	-1.67	32.86	1011.53	21	369.38	3.5	18.6	19.2	0.27	0.47	26.6			
16	98	79.65	-70.78	-88.53	-1.84	33.41	974.26	31	346.25	-2.7	-27.7	-17.4	0.36	0.62	37.6			
17	98	79.65	-70.78	-88.53	-1.85	33.41	974.18	31	346.25	-2.6	-27.7	-17.4	0.11	0.16	33.2			
18	108	80.36	-70.24	-84.84	-1.25	33.43	976.68	29	342.12	-2.3	-16.4	-13.0	0.51	0.92	30.6			
19	112	80.64	-70.03	-83.40	-1.22	33.35	979.90	33	345.42	-1.3	-13.3	-8.0	0.43	0.78	20.4			
20	116	80.97	-69.71	-83.77	-1.21	33.38	982.42	11	340.96	-2.0	-15.4	-13.9	0.49	0.91	19.8			
21	119	81.42	-69.31	-84.61	-0.11	33.35	983.09	33	342.85	-2.7	-16.9	-14.3	0.54	0.99	26.6			
22	120	81.78	-69.31	-87.18	-1.30	33.14	982.70	25	346.87	-0.6	-1.7	0.6	0.41	0.75	26.9			
23	122	82.02	-69.64	-86.82	-1.75	33.07	983.81	21	350.61	-1.2	NaN	NaN	0.33	0.55	47.9			
24	127	82.76	-70.27	-86.10	-1.64	33.17	985.69	19	351.39	-1.3	NaN	NaN	0.43	0.78	27.2			
25	129	82.99	-70.57	-85.75	-1.36	33.41	987.86	23	344.83	-1.9	-12.2	-11.9	0.49	0.92	16.8			
26	138	83.72	-71.60	-84.62	-1.67	33.39	991.12	23	350.12	-3.9	NaN	NaN	0.61	1.14	19.4			
27	142	85.61	-71.96	-84.49	-1.79	33.40	978.85	27	356.14	-3.0	-19.5	-11.7	0.53	0.96	33.0			
28	146	85.95	-71.55	-82.60	-1.78	33.43	973.45	19	343.97	-1.8	-13.8	-13.5	0.42	0.76	28.9			
29	150	86.33	-71.15	-80.75	-1.57	33.30	970.92	15	343.63	-2.7	NaN	NaN	0.53	0.97	25.8			
30	153	86.67	-70.85	-79.39	-0.58	33.43	972.12	15	342.78	-0.5	-9.8	-9.2	0.40	0.75	13.3			
31	156	87.03	-70.53	-77.97	-0.90	33.15	970.97	31	347.35	0.1	-12.9	-12.4	0.32	0.57	21.6			
32	159	87.35	-70.19	-76.74	-1.32	33.01	970.92	21	354.95	1.4	NaN	NaN	0.20	0.33	24.9			
33	161	87.56	-70.04	-75.87	-1.44	32.62	970.92	27	354.39	0.8	NaN	NaN	0.33	0.59	21.9			
34	NaN	88.01	-68.58	-73.56	-0.36	33.26	980.82	NaN	331.42	-3.0	NaN	NaN	0.49	0.91	19.4			
35	NaN	88.36	-68.32	-70.95	-1.12	33.30	980.82	NaN	337.65	-5.1	NaN	NaN	0.45	0.82	25.8			
36	174	90.59	-69.12	-69.50	-0.98	33.26	991.19	11	358.43	2.9	NaN	NaN	-0.12	-0.31	41.3			
37	179	90.88	-69.14	-70.01	-1.30	32.65	991.67	21	363.65	11.2	34.2	38.2	-0.53	-1.16	69.2			
38	186	91.37	-68.79	-69.41	-1.03	33.26	992.95	11	366.21	5.6	NaN	NaN	-0.18	-0.47	59.0			
39	190	91.64	-68.79	-69.96	-0.85	33.12	994.26	25	364.66	5.7	17.8	32.1	-0.17	-0.43	47.0			
40	195	91.96	-68.69	-70.25	-1.22	32.95	993.62	31	359.21	3.8	23.7	48.1	-0.12	-0.34	56.5			
41	200	92.43	-68.27	-69.65	0.16	33.56	988.04	43	332.28	-2.1	-17.2	0.1	0.50	0.90	34.0			
42	204	92.74	-67.84	-69.09	-0.29	33.26	981.36	17	342.49	-0.6	-8.1	-7.8	0.41	0.76	19.5			
43	207	93.01	-67.75	-70.15	-0.13	33.52	977.46	45	333.07	-0.2	-13.3	16.1	0.39	0.70	27.5			
44	209	93.56	-67.86	-70.23	0.01	33.52	980.72	25	341.63	0.2	-1.7	1.3	0.37	0.68	17.4			
45	213	93.82	-68.05	-70.76	-0.26	33.50	986.17	41	332.81	-3.7	-34.7	25.9	0.53	0.96	27.1			
46	220	94.50	-66.58	-71.29	0.61	33.77	995.88	68	329.66	-1.3	-17.6	54.5	0.50	0.92	24.6			
47	224	94.74	-66.30	-70.75	0.60	33.83	994.90	64	328.43	-1.8	-22.3	43.7	0.54	0.98	28.0			
48	227	96.46	-65.94	-70.09	0.37	33.83	971.21	49	328.60	-2.6	NaN	NaN	0.61	1.15	17.9			
49	231	96.76	-66.44	-71.02	0.29	33.84	973.15	70	328.08	-1.7	-30.2	7.4	0.56	0.98	53.6			
50	236	97.16	-66.32	-71.42	0.45	33.83	973.30	64	331.02	-1.0	-14.7	28.1	0.45	0.85	9.4			
51	238	97.50	-66.17	-71.90	0.52	33.80	971.66	72	331.46	-0.6	-9.7	34.0	0.49	0.89	26.2			
52	238	97.50	-66.17	-71.90	0.53	33.81	971.69	72	331.46	-1.3	-9.7	34.0	0.50	0.92	18.8			
53	240	97.93	-66.57	-73.57	0.80	33.78	979.48	66	330.76	0.4	1.5	26.3	0.48	0.88	28.1			
54	245	98.50	-66.88	-72.57	0.36	33.79	983.98	45	328.54	-2.1	-24.9	-20.1	0.55	1.01	22.4			
55	249	98.70	-67.01	-72.12	-0.09	33.73	984.18	15	328.54	-3.8	-53.1	-52.5	0.58	1.10	15.1			
56	NaN	99.00	-67.48	-70.36	0.06	33.59	984.94	NaN	336.10	-2.4	NaN	NaN	0.50	0.93	13.8			
57	252	99.34	-67.89	-68.38	-0.07	33.52	985.48	31	336.10	-2.1	-25.4	-16.7	0.53	0.97	26.6			