

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	2	14.06	33.63	25.11	294.45	115.67	0.49	0.715	7.45	8.08	2.35	3.67	
CCE-P1908	Cycle1	3	13.34	33.63	25.26	269.22	104.41	0.43	0.610	10.59	8.03	2.09	3.26	
CCE-P1908	Cycle1	4	13.42	33.63	25.24	271.74	105.54	0.46	0.622	10.90	8.03	2.11	3.30	
CCE-P1908	Cycle1	5	13.40	33.63	25.25	271.81	105.53	0.47	0.622	10.81	8.03	2.11	3.30	
CCE-P1908	Cycle1	6	13.40	33.63	25.25	271.91	105.58	0.47	0.627	10.93	8.03	2.11	3.30	
CCE-P1908	Cycle1	7	13.39	33.63	25.25	271.64	105.45	0.50	0.626	10.57	8.03	2.11	3.30	
CCE-P1908	Cycle1	8	13.34	33.64	25.26	269.64	104.55	0.49	0.626	10.96	8.03	2.09	3.27	
CCE-P1908	Cycle1	9	13.22	33.63	25.29	268.19	103.72	0.51	0.623	10.85	8.02	2.06	3.22	
CCE-P1908	Cycle1	10	13.13	33.63	25.31	265.10	102.30	0.52	0.621	10.92	8.01	2.03	3.18	
CCE-P1908	Cycle1	11	13.04	33.64	25.33	263.71	101.56	0.53	0.611	10.83	8.01	2.01	3.14	
CCE-P1908	Cycle1	12	12.96	33.64	25.35	260.50	100.15	0.53	0.602	11.29	8.00	1.98	3.10	
CCE-P1908	Cycle1	13	12.83	33.64	25.37	256.57	98.36	0.53	0.591	11.33	7.99	1.94	3.03	
CCE-P1908	Cycle1	14	12.71	33.65	25.41	253.80	97.05	0.55	0.577	12.04	7.99	1.91	2.98	
CCE-P1908	Cycle1	15	12.63	33.67	25.43	252.04	96.22	0.56	0.569	11.99	7.98	1.88	2.95	
CCE-P1908	Cycle1	16	12.56	33.67	25.45	249.80	95.26	0.53	0.552	12.30	7.98	1.86	2.92	
CCE-P1908	Cycle1	17	12.49	33.68	25.47	246.70	93.94	0.53	0.539	12.68	7.97	1.84	2.88	
CCE-P1908	Cycle1	18	12.41	33.69	25.49	246.18	93.60	0.52	0.527	12.86	7.97	1.82	2.85	
CCE-P1908	Cycle1	19	12.38	33.70	25.50	246.03	93.50	0.53	0.518	13.19	7.97	1.82	2.84	
CCE-P1908	Cycle1	20	12.35	33.70	25.52	244.37	92.81	0.52	0.514	13.48	7.97	1.80	2.82	
CCE-P1908	Cycle1	21	12.30	33.71	25.53	242.41	91.99	0.52	0.513	13.65	7.96	1.79	2.80	
CCE-P1908	Cycle1	22	12.25	33.72	25.54	240.38	91.14	0.51	0.506	13.58	7.96	1.77	2.77	
CCE-P1908	Cycle1	23	12.21	33.73	25.56	238.99	90.54	0.53	0.498	13.69	7.95	1.76	2.75	
CCE-P1908	Cycle1	24	12.15	33.74	25.58	236.95	89.66	0.53	0.497	13.69	7.95	1.74	2.72	
CCE-P1908	Cycle1	25	12.09	33.75	25.60	231.66	87.54	0.53	0.508	13.44	7.94	1.71	2.67	
CCE-P1908	Cycle1	26	12.00	33.75	25.62	227.22	85.68	0.54	0.516	14.14	7.93	1.67	2.62	
CCE-P1908	Cycle1	27	11.93	33.75	25.63	220.18	82.90	0.51	0.507	15.08	7.92	1.63	2.56	
CCE-P1908	Cycle1	28	11.83	33.75	25.65	212.81	79.96	0.48	0.490	15.38	7.90	1.58	2.48	
CCE-P1908	Cycle1	29	11.74	33.76	25.67	207.27	77.74	0.44	0.466	16.36	7.89	1.55	2.43	
CCE-P1908	Cycle1	30	11.67	33.76	25.69	203.16	76.08	0.39	0.430	17.06	7.88	1.52	2.39	
CCE-P1908	Cycle1	31	11.60	33.76	25.70	195.61	73.15	0.38	0.407	17.96	7.87	1.48	2.32	
CCE-P1908	Cycle1	32	11.49	33.76	25.72	189.86	70.83	0.33	0.375	18.29	7.86	1.44	2.26	
CCE-P1908	Cycle1	33	11.40	33.76	25.74	185.60	69.10	0.29	0.341	18.94	7.85	1.41	2.22	
CCE-P1908	Cycle1	34	11.33	33.76	25.75	179.03	66.55	0.26	0.316	19.36	7.84	1.38	2.16	
CCE-P1908	Cycle1	35	11.20	33.76	25.77	173.25	64.24	0.25	0.293	20.15	7.83	1.34	2.10	
CCE-P1908	Cycle1	36	11.12	33.76	25.79	169.21	62.64	0.22	0.272	20.54	7.82	1.31	2.06	
CCE-P1908	Cycle1	37	11.05	33.76	25.80	165.52	61.19	0.20	0.245	21.11	7.81	1.29	2.03	
CCE-P1908	Cycle1	38	10.99	33.76	25.81	159.52	58.88	0.19	0.224	21.13	7.80	1.26	1.98	
CCE-P1908	Cycle1	39	10.91	33.76	25.83	155.46	57.28	0.18	0.209	21.65	7.79	1.24	1.94	
CCE-P1908	Cycle1	40	10.85	33.76	25.84	154.58	56.89	0.15	0.196	22.25	7.79	1.23	1.93	
CCE-P1908	Cycle1	41	10.82	33.77	25.85	151.76	55.80	0.14	0.172	22.22	7.79	1.21	1.91	
CCE-P1908	Cycle1	42	10.75	33.77	25.86	147.77	54.25	0.13	0.155	22.56	7.78	1.19	1.87	
CCE-P1908	Cycle1	43	10.69	33.77	25.87	144.13	52.84	0.13	0.149	22.95	7.77	1.17	1.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	44	10.64	33.77	25.89	140.09	51.29	0.12	0.141	23.33	7.76	1.15	1.81	
CCE-P1908	Cycle1	45	10.58	33.78	25.90	136.94	50.07	0.11	0.128	23.80	7.76	1.13	1.78	
CCE-P1908	Cycle1	46	10.55	33.78	25.91	134.44	49.12	0.09	0.113	23.88	7.75	1.12	1.76	
CCE-P1908	Cycle1	47	10.49	33.79	25.92	131.40	47.95	0.09	0.105	23.70	7.75	1.11	1.74	
CCE-P1908	Cycle1	48	10.43	33.79	25.93	129.77	47.29	0.09	0.098	24.08	7.75	1.09	1.72	
CCE-P1908	Cycle1	49	10.40	33.79	25.94	128.42	46.77	0.08	0.092	24.24	7.74	1.09	1.71	
CCE-P1908	Cycle1	50	10.37	33.80	25.95	127.36	46.35	0.07	0.086	24.50	7.74	1.08	1.70	
CCE-P1908	Cycle1	51	10.33	33.80	25.96	126.11	45.86	0.07	0.081	24.67	7.74	1.07	1.69	
CCE-P1908	Cycle1	52	10.29	33.80	25.97	124.82	45.35	0.07	0.077	24.92	7.74	1.06	1.67	
CCE-P1908	Cycle1	53	10.26	33.81	25.98	123.89	44.97	0.07	0.075	24.87	7.73	1.06	1.66	
CCE-P1908	Cycle1	54	10.25	33.81	25.98	123.95	44.98	0.07	0.074	24.96	7.73	1.06	1.66	
CCE-P1908	Cycle1	55	10.23	33.81	25.98	123.06	44.64	0.07	0.073	25.04	7.73	1.05	1.66	
CCE-P1908	Cycle1	56	10.20	33.81	25.99	122.56	44.44	0.07	0.072	25.07	7.73	1.05	1.65	
CCE-P1908	Cycle1	57	10.18	33.82	26.00	121.88	44.17	0.07	0.071	25.14	7.73	1.04	1.64	
CCE-P1908	Cycle1	58	10.16	33.82	26.00	121.36	43.96	0.07	0.071	25.11	7.73	1.04	1.64	
CCE-P1908	Cycle1	59	10.14	33.82	26.01	121.05	43.84	0.07	0.068	25.28	7.73	1.04	1.63	
CCE-P1908	Cycle1	60	10.13	33.82	26.01	120.66	43.68	0.07	0.067	25.75	7.73	1.04	1.63	
CCE-P1908	Cycle1	61	10.11	33.83	26.02	120.15	43.48	0.07	0.067	25.63	7.73	1.03	1.62	
CCE-P1908	Cycle1	62	10.08	33.83	26.02	119.21	43.11	0.07	0.067	25.79	7.72	1.03	1.62	
CCE-P1908	Cycle1	63	10.06	33.83	26.03	118.33	42.77	0.07	0.066	25.82	7.72	1.02	1.61	
CCE-P1908	Cycle1	64	10.05	33.84	26.04	117.62	42.51	0.07	0.064	25.89	7.72	1.02	1.60	
CCE-P1908	Cycle1	65	10.03	33.84	26.04	117.11	42.30	0.07	0.063	25.80	7.72	1.02	1.60	
CCE-P1908	Cycle1	66	9.99	33.85	26.06	114.67	41.38	0.06	0.064	26.16	7.71	1.00	1.58	
CCE-P1908	Cycle1	67	10.00	33.84	26.05	117.69	42.48	0.07	0.061	25.94	7.72	1.02	1.60	
CCE-P1908	Cycle1	68	9.97	33.85	26.06	114.91	41.46	0.07	0.061	26.17	7.72	1.00	1.58	
CCE-P1908	Cycle1	69	9.96	33.85	26.06	114.44	41.28	0.06	0.062	26.10	7.71	1.00	1.57	
CCE-P1908	Cycle1	70	9.94	33.86	26.07	114.01	41.11	0.07	0.061	26.45	7.71	1.00	1.57	
CCE-P1908	Cycle1	71	9.93	33.86	26.07	113.76	41.01	0.07	0.061	26.69	7.71	1.00	1.57	
CCE-P1908	Cycle1	72	9.91	33.86	26.08	113.15	40.78	0.06	0.060	26.51	7.71	0.99	1.56	
CCE-P1908	Cycle1	73	9.89	33.86	26.08	112.73	40.61	0.06	0.060	26.10	7.71	0.99	1.56	
CCE-P1908	Cycle1	74	9.88	33.87	26.09	112.37	40.46	0.07	0.059	26.54	7.71	0.99	1.55	
CCE-P1908	Cycle1	75	9.86	33.87	26.09	111.89	40.27	0.06	0.058	26.83	7.71	0.98	1.55	
CCE-P1908	Cycle1	76	9.85	33.87	26.10	111.43	40.10	0.06	0.058	26.69	7.71	0.98	1.55	
CCE-P1908	Cycle1	77	9.84	33.87	26.10	111.10	39.97	0.07	0.057	26.65	7.71	0.98	1.54	
CCE-P1908	Cycle1	78	9.82	33.88	26.11	110.91	39.89	0.07	0.058	26.93	7.71	0.98	1.54	
CCE-P1908	Cycle1	79	9.81	33.88	26.11	110.45	39.71	0.06	0.058	26.86	7.71	0.98	1.54	
CCE-P1908	Cycle1	80	9.79	33.88	26.12	109.88	39.49	0.06	0.057	26.62	7.70	0.97	1.53	
CCE-P1908	Cycle1	81	9.77	33.89	26.12	109.48	39.33	0.07	0.057	26.91	7.70	0.97	1.53	
CCE-P1908	Cycle1	82	9.76	33.89	26.13	109.12	39.19	0.06	0.057	26.93	7.70	0.97	1.52	
CCE-P1908	Cycle1	83	9.74	33.89	26.13	108.88	39.08	0.06	0.057	27.05	7.70	0.97	1.52	
CCE-P1908	Cycle1	84	9.72	33.89	26.14	108.29	38.86	0.07	0.057	27.21	7.70	0.96	1.51	
CCE-P1908	Cycle1	85	9.70	33.90	26.14	107.93	38.71	0.06	0.056	27.31	7.70	0.96	1.51	

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		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	86	9.69	33.90	26.15	107.75	38.64	0.06	0.057	27.35	7.70	0.96	1.51	
CCE-P1908	Cycle1	87	9.68	33.90	26.15	107.56	38.56	0.06	0.055	27.33	7.70	0.96	1.51	
CCE-P1908	Cycle1	88	9.66	33.91	26.15	107.40	38.50	0.07	0.055	27.26	7.70	0.96	1.50	
CCE-P1908	Cycle1	89	9.65	33.91	26.16	107.20	38.41	0.06	0.055	27.47	7.70	0.95	1.50	
CCE-P1908	Cycle1	90	9.64	33.91	26.16	106.91	38.30	0.06	0.054	27.45	7.70	0.95	1.50	
CCE-P1908	Cycle1	91	9.63	33.91	26.17	106.72	38.22	0.07	0.054	27.41	7.70	0.95	1.50	
CCE-P1908	Cycle1	92	9.62	33.91	26.17	106.50	38.13	0.07	0.053	27.53	7.70	0.95	1.49	
CCE-P1908	Cycle1	93	9.60	33.92	26.17	106.31	38.05	0.06	0.054	27.52	7.70	0.95	1.49	
CCE-P1908	Cycle1	94	9.59	33.92	26.18	106.14	37.99	0.06	0.053	27.58	7.70	0.95	1.49	
CCE-P1908	Cycle1	95	9.58	33.92	26.18	105.75	37.84	0.07	0.053	27.70	7.70	0.94	1.49	
CCE-P1908	Cycle1	96	9.57	33.92	26.18	105.44	37.71	0.06	0.053	27.94	7.70	0.94	1.48	
CCE-P1908	Cycle1	97	9.56	33.92	26.19	105.15	37.60	0.06	0.052	27.44	7.69	0.94	1.48	
CCE-P1908	Cycle1	98	9.55	33.93	26.19	104.73	37.44	0.07	0.052	27.74	7.69	0.94	1.48	
CCE-P1908	Cycle1	99	9.54	33.93	26.20	104.34	37.29	0.06	0.052	27.50	7.69	0.94	1.47	
CCE-P1908	Cycle1	100	9.52	33.93	26.20	104.04	37.18	0.06	0.052	27.69	7.69	0.93	1.47	
CCE-P1908	Cycle1	101	9.52	33.93	26.20	103.84	37.10	0.07	0.053	27.54	7.69	0.93	1.47	
CCE-P1908	Cycle1	102	9.50	33.94	26.21	103.61	37.00	0.06	0.053	28.11	7.69	0.93	1.47	
CCE-P1908	Cycle1	103	9.49	33.94	26.21	103.50	36.95	0.06	0.053	28.22	7.69	0.93	1.46	
CCE-P1908	Cycle1	104	9.47	33.94	26.21	103.39	36.90	0.06	0.052	28.14	7.69	0.93	1.46	
CCE-P1908	Cycle1	105	9.46	33.94	26.22	103.19	36.82	0.06	0.053	27.99	7.69	0.93	1.46	
CCE-P1908	Cycle1	106	9.45	33.94	26.22	102.92	36.71	0.06	0.052	28.17	7.69	0.92	1.46	
CCE-P1908	Cycle1	107	9.43	33.95	26.23	102.79	36.65	0.06	0.052	28.04	7.69	0.92	1.45	
CCE-P1908	Cycle1	108	9.42	33.95	26.23	102.54	36.56	0.06	0.054	28.03	7.69	0.92	1.45	
CCE-P1908	Cycle1	109	9.42	33.95	26.23	102.18	36.42	0.06	0.052	28.16	7.69	0.92	1.45	
CCE-P1908	Cycle1	110	9.40	33.95	26.23	101.71	36.25	0.06	0.053	28.43	7.69	0.92	1.45	
CCE-P1908	Cycle1	111	9.39	33.96	26.24	101.14	36.03	0.06	0.054	28.45	7.69	0.91	1.44	
CCE-P1908	Cycle1	112	9.38	33.96	26.24	100.95	35.95	0.06	0.053	28.50	7.69	0.91	1.44	
CCE-P1908	Cycle1	113	9.37	33.96	26.25	100.74	35.87	0.06	0.053	28.56	7.69	0.91	1.44	
CCE-P1908	Cycle1	114	9.36	33.96	26.25	100.42	35.75	0.06	0.052	28.87	7.68	0.91	1.43	
CCE-P1908	Cycle1	115	9.35	33.97	26.25	100.15	35.65	0.06	0.052	28.65	7.68	0.91	1.43	
CCE-P1908	Cycle1	116	9.33	33.97	26.26	100.18	35.65	0.06	0.052	28.50	7.68	0.91	1.43	
CCE-P1908	Cycle1	117	9.32	33.97	26.26	100.20	35.64	0.06	0.052	28.57	7.68	0.91	1.43	
CCE-P1908	Cycle1	118	9.31	33.97	26.26	99.80	35.49	0.06	0.052	28.52	7.68	0.91	1.43	
CCE-P1908	Cycle1	119	9.30	33.97	26.27	99.16	35.25	0.07	0.052	28.81	7.68	0.90	1.42	
CCE-P1908	Cycle1	120	9.29	33.98	26.27	98.80	35.12	0.06	0.052	29.02	7.68	0.90	1.42	
CCE-P1908	Cycle1	121	9.28	33.98	26.28	98.79	35.11	0.06	0.053	28.89	7.68	0.90	1.42	
CCE-P1908	Cycle1	122	9.26	33.98	26.28	98.79	35.10	0.06	0.052	28.74	7.68	0.90	1.42	
CCE-P1908	Cycle1	123	9.25	33.98	26.28	98.83	35.10	0.06	0.051	28.73	7.68	0.90	1.41	
CCE-P1908	Cycle1	124	9.24	33.98	26.29	98.65	35.03	0.06	0.050	28.80	7.68	0.90	1.41	
CCE-P1908	Cycle1	125	9.23	33.99	26.29	98.25	34.88	0.07	0.050	28.84	7.68	0.89	1.41	
CCE-P1908	Cycle1	126	9.22	33.99	26.29	97.92	34.76	0.06	0.050	28.87	7.68	0.89	1.41	
CCE-P1908	Cycle1	127	9.21	33.99	26.29	97.38	34.56	0.06	0.050	28.88	7.68	0.89	1.40	

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		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	128	9.21	33.99	26.30	96.87	34.37	0.06	0.049	28.86	7.68	0.89	1.40	
CCE-P1908	Cycle1	129	9.20	34.00	26.30	96.24	34.15	0.06	0.049	29.07	7.68	0.89	1.40	
CCE-P1908	Cycle1	130	9.19	34.00	26.31	95.88	34.02	0.06	0.049	29.26	7.68	0.89	1.39	
CCE-P1908	Cycle1	131	9.19	34.00	26.31	95.72	33.95	0.06	0.048	29.53	7.68	0.88	1.39	
CCE-P1908	Cycle1	132	9.18	34.00	26.31	95.57	33.90	0.06	0.048	29.17	7.68	0.88	1.39	
CCE-P1908	Cycle1	133	9.17	34.00	26.31	95.34	33.80	0.06	0.048	29.30	7.67	0.88	1.39	
CCE-P1908	Cycle1	134	9.16	34.01	26.32	94.94	33.65	0.06	0.048	28.89	7.67	0.88	1.39	
CCE-P1908	Cycle1	135	9.15	34.01	26.32	94.58	33.52	0.06	0.047	29.16	7.67	0.88	1.38	
CCE-P1908	Cycle1	136	9.14	34.01	26.32	94.34	33.43	0.06	0.047	28.99	7.67	0.88	1.38	
CCE-P1908	Cycle1	137	9.14	34.01	26.32	94.17	33.37	0.06	0.048	29.08	7.67	0.88	1.38	
CCE-P1908	Cycle1	138	9.13	34.01	26.33	94.24	33.38	0.06	0.047	29.34	7.67	0.88	1.38	
CCE-P1908	Cycle1	139	9.12	34.02	26.33	93.93	33.27	0.06	0.047	29.20	7.67	0.87	1.38	
CCE-P1908	Cycle1	140	9.11	34.02	26.33	93.35	33.05	0.06	0.047	29.55	7.67	0.87	1.37	
CCE-P1908	Cycle1	141	9.10	34.02	26.34	92.63	32.80	0.06	0.046	29.63	7.67	0.87	1.37	
CCE-P1908	Cycle1	142	9.10	34.02	26.34	92.00	32.58	0.06	0.046	29.18	7.67	0.87	1.37	
CCE-P1908	Cycle1	143	9.10	34.03	26.34	91.55	32.41	0.06	0.046	29.19	7.67	0.87	1.36	
CCE-P1908	Cycle1	144	9.09	34.03	26.34	91.25	32.30	0.06	0.046	29.46	7.67	0.87	1.36	
CCE-P1908	Cycle1	145	9.09	34.03	26.35	90.81	32.14	0.06	0.046	29.34	7.67	0.86	1.36	
CCE-P1908	Cycle1	146	9.08	34.03	26.35	90.28	31.95	0.06	0.046	29.44	7.67	0.86	1.36	
CCE-P1908	Cycle1	147	9.07	34.03	26.35	89.77	31.76	0.06	0.048	29.56	7.66	0.86	1.35	
CCE-P1908	Cycle1	148	9.06	34.04	26.36	89.49	31.65	0.06	0.046	29.54	7.66	0.86	1.35	
CCE-P1908	Cycle1	149	9.05	34.04	26.36	89.27	31.57	0.06	0.046	29.65	7.66	0.86	1.35	
CCE-P1908	Cycle1	150	9.04	34.04	26.36	88.71	31.37	0.06	0.046	29.74	7.66	0.85	1.35	
CCE-P1908	Cycle1	151	9.04	34.04	26.36	88.56	31.32	0.06	0.046	29.77	7.66	0.85	1.35	
CCE-P1908	Cycle1	152	9.03	34.04	26.37	88.63	31.34	0.06	0.046	29.96	7.66	0.85	1.34	
CCE-P1908	Cycle1	153	9.02	34.04	26.37	88.53	31.30	0.06	0.046	29.71	7.66	0.85	1.34	
CCE-P1908	Cycle1	154	9.01	34.05	26.37	88.54	31.29	0.06	0.045	29.85	7.66	0.85	1.34	
CCE-P1908	Cycle1	155	9.00	34.05	26.37	88.46	31.25	0.06	0.046	29.36	7.66	0.85	1.34	
CCE-P1908	Cycle1	156	8.98	34.05	26.38	88.17	31.14	0.06	0.046	29.63	7.66	0.85	1.34	
CCE-P1908	Cycle1	157	8.97	34.05	26.38	87.98	31.06	0.06	0.045	29.69	7.66	0.85	1.34	
CCE-P1908	Cycle1	158	8.97	34.05	26.38	87.83	31.01	0.06	0.045	29.82	7.66	0.85	1.33	
CCE-P1908	Cycle1	159	8.96	34.05	26.38	87.56	30.90	0.06	0.045	29.55	7.66	0.85	1.33	
CCE-P1908	Cycle1	160	8.95	34.05	26.39	87.26	30.79	0.06	0.044	29.96	7.66	0.84	1.33	
CCE-P1908	Cycle1	161	8.94	34.05	26.39	87.04	30.71	0.06	0.044	30.17	7.66	0.84	1.33	
CCE-P1908	Cycle1	162	8.93	34.05	26.39	86.75	30.59	0.06	0.045	30.19	7.66	0.84	1.33	
CCE-P1908	Cycle1	163	8.92	34.05	26.39	86.28	30.42	0.06	0.045	29.87	7.66	0.84	1.32	
CCE-P1908	Cycle1	164	8.91	34.06	26.39	85.77	30.24	0.06	0.045	30.33	7.66	0.84	1.32	
CCE-P1908	Cycle1	165	8.91	34.06	26.40	85.19	30.04	0.06	0.045	30.54	7.66	0.84	1.32	
CCE-P1908	Cycle1	166	8.90	34.06	26.40	84.37	29.74	0.06	0.045	30.66	7.65	0.83	1.31	
CCE-P1908	Cycle1	167	8.90	34.06	26.40	82.89	29.23	0.07	0.045	30.13	7.65	0.83	1.31	
CCE-P1908	Cycle1	168	8.91	34.07	26.41	81.93	28.90	0.06	0.045	30.40	7.65	0.83	1.30	
CCE-P1908	Cycle1	169	8.91	34.07	26.41	81.57	28.77	0.06	0.045	30.42	7.65	0.83	1.30	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	170	8.91	34.07	26.41	81.27	28.67	0.06	0.045	30.38	7.65	0.83	1.30	
CCE-P1908	Cycle1	171	8.90	34.07	26.41	81.10	28.60	0.06	0.045	30.61	7.65	0.82	1.30	
CCE-P1908	Cycle1	172	8.90	34.08	26.41	80.85	28.51	0.06	0.044	30.42	7.65	0.82	1.30	
CCE-P1908	Cycle1	173	8.88	34.08	26.42	80.21	28.28	0.06	0.045	30.20	7.65	0.82	1.29	
CCE-P1908	Cycle1	174	8.88	34.08	26.42	79.83	28.14	0.06	0.052	30.71	7.65	0.82	1.29	
CCE-P1908	Cycle1	175	8.88	34.08	26.42	79.72	28.11	0.06	0.053	30.88	7.65	0.82	1.29	
CCE-P1908	Cycle1	176	8.86	34.08	26.42	79.22	27.92	0.06	0.046	30.46	7.65	0.82	1.29	
CCE-P1908	Cycle1	177	8.85	34.08	26.43	78.42	27.63	0.06	0.047	30.70	7.64	0.81	1.28	
CCE-P1908	Cycle1	178	8.84	34.08	26.43	77.66	27.36	0.07	0.045	30.89	7.64	0.81	1.28	
CCE-P1908	Cycle1	179	8.84	34.09	26.43	76.96	27.11	0.06	0.045	30.32	7.64	0.81	1.27	
CCE-P1908	Cycle1	180	8.83	34.09	26.43	76.68	27.01	0.06	0.045	30.30	7.64	0.81	1.27	
CCE-P1908	Cycle1	181	8.82	34.09	26.44	76.33	26.88	0.06	0.047	30.66	7.64	0.81	1.27	
CCE-P1908	Cycle1	182	8.81	34.09	26.44	75.93	26.73	0.06	0.046	30.82	7.64	0.81	1.27	
CCE-P1908	Cycle1	183	8.81	34.09	26.44	75.55	26.60	0.06	0.046	31.01	7.64	0.80	1.27	
CCE-P1908	Cycle1	184	8.81	34.09	26.44	75.04	26.42	0.07	0.046	30.86	7.64	0.80	1.26	
CCE-P1908	Cycle1	185	8.81	34.10	26.44	74.62	26.28	0.06	0.046	30.78	7.64	0.80	1.26	
CCE-P1908	Cycle1	186	8.81	34.10	26.44	73.82	25.99	0.06	0.046	31.15	7.64	0.80	1.26	
CCE-P1908	Cycle1	187	8.81	34.10	26.45	73.08	25.74	0.06	0.046	30.98	7.64	0.80	1.26	
CCE-P1908	Cycle1	188	8.81	34.10	26.45	72.83	25.65	0.06	0.046	31.01	7.63	0.80	1.25	
CCE-P1908	Cycle1	189	8.80	34.10	26.45	72.58	25.56	0.06	0.046	31.12	7.63	0.80	1.25	
CCE-P1908	Cycle1	190	8.80	34.11	26.45	72.35	25.48	0.06	0.046	30.89	7.63	0.79	1.25	
CCE-P1908	Cycle1	191	8.78	34.11	26.45	72.59	25.56	0.06	0.045	31.19	7.63	0.79	1.25	
CCE-P1908	Cycle1	192	8.78	34.11	26.46	71.52	25.17	0.06	0.045	31.05	7.63	0.79	1.25	
CCE-P1908	Cycle1	193	8.76	34.11	26.46	70.70	24.88	0.06	0.044	31.08	7.63	0.79	1.24	
CCE-P1908	Cycle1	194	8.77	34.11	26.46	69.81	24.57	0.06	0.044	31.10	7.63	0.79	1.24	
CCE-P1908	Cycle1	195	8.76	34.12	26.47	69.33	24.40	0.07	0.044	30.89	7.63	0.78	1.24	
CCE-P1908	Cycle1	196	8.76	34.12	26.47	69.12	24.32	0.06	0.044	31.00	7.63	0.78	1.23	
CCE-P1908	Cycle1	197	8.74	34.12	26.47	69.06	24.29	0.06	0.044	31.20	7.63	0.78	1.23	
CCE-P1908	Cycle1	198	8.73	34.12	26.47	68.88	24.23	0.06	0.044	31.20	7.63	0.78	1.23	
CCE-P1908	Cycle1	199	8.71	34.12	26.48	67.67	23.79	0.06	0.044	30.93	7.63	0.78	1.22	
CCE-P1908	Cycle1	200	8.71	34.13	26.48	66.04	23.22	0.07	0.044	30.88	7.62	0.77	1.22	
CCE-P1908	Cycle1	201	8.70	34.13	26.49	65.66	23.08	0.07	0.044	31.18	7.62	0.77	1.22	
CCE-P1908	Cycle1	202	8.70	34.13	26.49	66.07	23.23	0.06	0.043	31.58	7.62	0.77	1.22	
CCE-P1908	Cycle1	203	8.66	34.13	26.49	65.67	23.07	0.06	0.043	31.63	7.62	0.77	1.21	
CCE-P1908	Cycle1	204	8.65	34.13	26.50	65.47	22.99	0.06	0.044	31.23	7.62	0.77	1.21	
CCE-P1908	Cycle1	205	8.64	34.13	26.50	65.33	22.94	0.06	0.043	31.73	7.62	0.77	1.21	
CCE-P1908	Cycle1	206	8.64	34.13	26.50	65.51	23.00	0.06	0.043	31.72	7.62	0.77	1.21	
CCE-P1908	Cycle1	207	8.62	34.13	26.50	65.75	23.07	0.06	0.042	31.76	7.62	0.77	1.21	
CCE-P1908	Cycle1	208	8.61	34.13	26.50	65.74	23.06	0.07	0.042	31.64	7.62	0.77	1.21	
CCE-P1908	Cycle1	209	8.60	34.13	26.51	65.52	22.98	0.06	0.042	31.43	7.62	0.77	1.21	
CCE-P1908	Cycle1	210	8.58	34.13	26.51	65.46	22.95	0.06	0.042	31.50	7.62	0.76	1.20	
CCE-P1908	Cycle1	211	8.57	34.13	26.51	65.58	22.99	0.06	0.042	31.06	7.62	0.76	1.20	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	212	8.56	34.13	26.51	65.84	23.07	0.06	0.043	31.40	7.62	0.76	1.20	
CCE-P1908	Cycle1	213	8.55	34.13	26.51	66.07	23.15	0.06	0.044	32.09	7.62	0.76	1.20	
CCE-P1908	Cycle1	214	8.54	34.13	26.51	66.34	23.24	0.07	0.044	32.04	7.62	0.76	1.20	
CCE-P1908	Cycle1	215	8.52	34.13	26.51	66.49	23.28	0.07	0.046	31.80	7.62	0.76	1.20	
CCE-P1908	Cycle1	216	8.50	34.13	26.52	66.60	23.31	0.06	0.045	32.00	7.62	0.76	1.20	
CCE-P1908	Cycle1	217	8.48	34.13	26.52	66.77	23.35	0.06	0.045	31.99	7.62	0.76	1.20	
CCE-P1908	Cycle1	218	8.46	34.13	26.52	66.34	23.19	0.06	0.045	32.17	7.62	0.76	1.20	
CCE-P1908	Cycle1	219	8.46	34.13	26.52	65.59	22.93	0.06	0.044	31.99	7.62	0.76	1.19	
CCE-P1908	Cycle1	220	8.46	34.13	26.52	64.90	22.69	0.07	0.044	31.74	7.62	0.76	1.19	
CCE-P1908	Cycle1	221	8.46	34.13	26.53	64.27	22.47	0.07	0.044	31.73	7.62	0.76	1.19	
CCE-P1908	Cycle1	222	8.46	34.14	26.53	64.09	22.40	0.06	0.047	32.02	7.62	0.75	1.19	
CCE-P1908	Cycle1	223	8.46	34.14	26.53	64.15	22.42	0.06	0.044	32.14	7.62	0.75	1.19	
CCE-P1908	Cycle1	224	8.45	34.14	26.53	64.66	22.60	0.06	0.045	31.87	7.62	0.76	1.19	
CCE-P1908	Cycle1	225	8.43	34.14	26.53	64.87	22.66	0.06	0.045	31.73	7.62	0.76	1.19	
CCE-P1908	Cycle1	226	8.40	34.13	26.54	64.75	22.60	0.07	0.045	31.93	7.62	0.75	1.19	
CCE-P1908	Cycle1	227	8.39	34.13	26.54	64.60	22.54	0.07	0.046	31.97	7.62	0.75	1.19	
CCE-P1908	Cycle1	228	8.38	34.13	26.54	64.17	22.39	0.06	0.045	32.10	7.62	0.75	1.18	
CCE-P1908	Cycle1	229	8.37	34.14	26.54	63.64	22.20	0.06	0.046	32.33	7.62	0.75	1.18	
CCE-P1908	Cycle1	230	8.37	34.14	26.55	63.32	22.09	0.06	0.045	32.33	7.62	0.75	1.18	
CCE-P1908	Cycle1	231	8.36	34.14	26.55	63.35	22.10	0.06	0.045	32.20	7.62	0.75	1.18	
CCE-P1908	Cycle1	232	8.36	34.14	26.55	63.09	22.01	0.06	0.045	32.40	7.62	0.75	1.18	
CCE-P1908	Cycle1	233	8.35	34.14	26.55	62.41	21.76	0.07	0.045	32.08	7.61	0.75	1.17	
CCE-P1908	Cycle1	234	8.34	34.14	26.55	61.47	21.43	0.07	0.045	32.12	7.61	0.74	1.17	
CCE-P1908	Cycle1	235	8.34	34.15	26.55	60.71	21.17	0.06	0.045	31.77	7.61	0.74	1.17	
CCE-P1908	Cycle1	236	8.34	34.15	26.56	60.38	21.06	0.06	0.045	31.68	7.61	0.74	1.17	
CCE-P1908	Cycle1	237	8.34	34.15	26.56	60.17	20.98	0.06	0.046	32.35	7.61	0.74	1.16	
CCE-P1908	Cycle1	238	8.34	34.15	26.56	59.91	20.89	0.06	0.046	32.42	7.61	0.74	1.16	
CCE-P1908	Cycle1	239	8.33	34.15	26.56	59.60	20.78	0.06	0.046	32.15	7.61	0.74	1.16	
CCE-P1908	Cycle1	240	8.33	34.15	26.56	59.40	20.71	0.07	0.046	32.44	7.61	0.74	1.16	
CCE-P1908	Cycle1	241	8.32	34.15	26.56	59.16	20.62	0.07	0.046	32.34	7.61	0.74	1.16	
CCE-P1908	Cycle1	242	8.31	34.15	26.57	58.91	20.53	0.06	0.047	32.45	7.61	0.73	1.16	
CCE-P1908	Cycle1	243	8.30	34.15	26.57	58.73	20.46	0.06	0.047	32.91	7.61	0.73	1.16	
CCE-P1908	Cycle1	244	8.30	34.15	26.57	58.46	20.36	0.06	0.047	32.58	7.61	0.73	1.15	
CCE-P1908	Cycle1	245	8.30	34.15	26.57	58.20	20.27	0.06	0.047	32.67	7.61	0.73	1.15	
CCE-P1908	Cycle1	246	8.29	34.16	26.57	57.92	20.18	0.06	0.047	32.31	7.61	0.73	1.15	
CCE-P1908	Cycle1	247	8.28	34.16	26.57	57.82	20.14	0.07	0.048	32.68	7.61	0.73	1.15	
CCE-P1908	Cycle1	248	8.28	34.16	26.57	57.63	20.07	0.07	0.048	32.72	7.61	0.73	1.15	
CCE-P1908	Cycle1	249	8.26	34.16	26.58	57.35	19.96	0.06	0.048	32.69	7.61	0.73	1.15	
CCE-P1908	Cycle1	250	8.25	34.16	26.58	57.09	19.87	0.06	0.047	32.48	7.60	0.73	1.15	
CCE-P1908	Cycle1	251	8.24	34.16	26.58	56.85	19.78	0.06	0.047	32.49	7.60	0.73	1.14	
CCE-P1908	Cycle1	252	8.22	34.16	26.58	56.71	19.72	0.06	0.046	32.84	7.60	0.73	1.14	
CCE-P1908	Cycle1	253	8.21	34.16	26.59	56.61	19.68	0.06	0.046	32.66	7.60	0.72	1.14	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	254	8.20	34.16	26.59	56.46	19.62	0.07	0.048	33.23	7.60	0.72	1.14	
CCE-P1908	Cycle1	255	8.20	34.16	26.59	56.49	19.63	0.07	0.047	33.08	7.60	0.72	1.14	
CCE-P1908	Cycle1	256	8.19	34.16	26.59	56.48	19.62	0.06	0.045	33.27	7.60	0.72	1.14	
CCE-P1908	Cycle1	257	8.18	34.16	26.59	56.37	19.58	0.06	0.045	33.34	7.60	0.72	1.14	
CCE-P1908	Cycle1	258	8.17	34.16	26.59	56.08	19.48	0.06	0.044	32.95	7.60	0.72	1.14	
CCE-P1908	Cycle1	259	8.16	34.16	26.59	55.95	19.42	0.06	0.044	33.38	7.60	0.72	1.14	
CCE-P1908	Cycle1	260	8.15	34.16	26.60	55.84	19.38	0.06	0.043	33.43	7.60	0.72	1.13	
CCE-P1908	Cycle1	261	8.15	34.16	26.60	55.80	19.37	0.07	0.043	33.44	7.60	0.72	1.13	
CCE-P1908	Cycle1	262	8.13	34.16	26.60	55.70	19.32	0.07	0.042	33.18	7.60	0.72	1.13	
CCE-P1908	Cycle1	263	8.12	34.16	26.60	55.60	19.28	0.06	0.042	33.01	7.60	0.72	1.13	
CCE-P1908	Cycle1	264	8.11	34.16	26.60	55.47	19.24	0.06	0.042	33.14	7.60	0.72	1.13	
CCE-P1908	Cycle1	265	8.10	34.16	26.60	55.32	19.18	0.06	0.041	33.25	7.60	0.72	1.13	
CCE-P1908	Cycle1	266	8.09	34.16	26.61	55.06	19.09	0.06	0.041	32.90	7.60	0.72	1.13	
CCE-P1908	Cycle1	267	8.08	34.16	26.61	54.83	19.00	0.07	0.041	33.17	7.60	0.71	1.12	
CCE-P1908	Cycle1	268	8.08	34.16	26.61	54.88	19.01	0.07	0.040	33.15	7.60	0.71	1.12	
CCE-P1908	Cycle1	269	8.06	34.16	26.61	54.80	18.98	0.07	0.041	33.47	7.60	0.71	1.12	
CCE-P1908	Cycle1	270	8.04	34.16	26.61	54.63	18.92	0.06	0.039	33.71	7.60	0.71	1.12	
CCE-P1908	Cycle1	271	8.03	34.16	26.61	54.35	18.81	0.06	0.040	33.81	7.60	0.71	1.12	
CCE-P1908	Cycle1	272	8.03	34.16	26.62	54.07	18.72	0.06	0.039	33.77	7.60	0.71	1.12	
CCE-P1908	Cycle1	273	8.02	34.16	26.62	53.95	18.67	0.06	0.039	33.61	7.60	0.71	1.12	
CCE-P1908	Cycle1	274	8.01	34.16	26.62	53.94	18.67	0.07	0.039	33.54	7.60	0.71	1.12	
CCE-P1908	Cycle1	275	8.00	34.16	26.62	54.19	18.75	0.06	0.039	33.78	7.60	0.71	1.12	
CCE-P1908	Cycle1	276	7.97	34.16	26.62	54.50	18.84	0.06	0.038	34.35	7.60	0.71	1.12	
CCE-P1908	Cycle1	277	7.95	34.16	26.62	54.68	18.89	0.06	0.038	34.25	7.60	0.71	1.11	
CCE-P1908	Cycle1	278	7.93	34.16	26.62	54.74	18.91	0.06	0.038	33.59	7.60	0.71	1.11	
CCE-P1908	Cycle1	279	7.92	34.15	26.63	54.86	18.94	0.07	0.037	33.64	7.60	0.71	1.11	
CCE-P1908	Cycle1	280	7.89	34.15	26.63	54.71	18.87	0.07	0.037	33.93	7.60	0.70	1.11	
CCE-P1908	Cycle1	281	7.87	34.15	26.63	54.39	18.75	0.06	0.037	33.79	7.60	0.70	1.11	
CCE-P1908	Cycle1	282	7.86	34.15	26.63	54.12	18.66	0.06	0.036	33.81	7.60	0.70	1.11	
CCE-P1908	Cycle1	283	7.86	34.15	26.63	53.90	18.58	0.06	0.036	33.85	7.60	0.70	1.11	
CCE-P1908	Cycle1	284	7.84	34.15	26.64	53.58	18.47	0.06	0.035	34.26	7.60	0.70	1.10	
CCE-P1908	Cycle1	285	7.83	34.15	26.64	53.43	18.41	0.07	0.035	34.52	7.60	0.70	1.10	
CCE-P1908	Cycle1	286	7.82	34.16	26.64	53.24	18.34	0.07	0.034	34.51	7.59	0.70	1.10	
CCE-P1908	Cycle1	287	7.81	34.16	26.64	52.92	18.22	0.07	0.034	34.08	7.59	0.70	1.10	
CCE-P1908	Cycle1	288	7.80	34.16	26.64	52.57	18.10	0.06	0.033	34.38	7.59	0.70	1.10	
CCE-P1908	Cycle1	289	7.79	34.16	26.65	52.20	17.97	0.06	0.033	34.52	7.59	0.69	1.10	
CCE-P1908	Cycle1	290	7.78	34.16	26.65	51.82	17.84	0.06	0.032	34.31	7.59	0.69	1.09	
CCE-P1908	Cycle1	291	7.77	34.16	26.65	51.50	17.72	0.06	0.032	33.94	7.59	0.69	1.09	
CCE-P1908	Cycle1	292	7.77	34.16	26.65	51.34	17.67	0.07	0.031	34.25	7.59	0.69	1.09	
CCE-P1908	Cycle1	293	7.76	34.16	26.65	51.27	17.64	0.07	0.031	34.18	7.59	0.69	1.09	
CCE-P1908	Cycle1	294	7.75	34.16	26.65	51.21	17.62	0.06	0.031	34.31	7.59	0.69	1.09	
CCE-P1908	Cycle1	295	7.73	34.16	26.66	51.23	17.61	0.06	0.031	34.76	7.59	0.69	1.09	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	296	7.71	34.16	26.66	51.25	17.61	0.06	0.031	35.13	7.59	0.69	1.09	
CCE-P1908	Cycle1	297	7.68	34.16	26.66	51.21	17.59	0.06	0.031	34.74	7.59	0.69	1.08	
CCE-P1908	Cycle1	298	7.66	34.15	26.66	50.97	17.49	0.07	0.031	34.78	7.59	0.69	1.08	
CCE-P1908	Cycle1	299	7.64	34.15	26.67	50.61	17.36	0.07	0.031	34.69	7.59	0.68	1.08	
CCE-P1908	Cycle1	300	7.63	34.16	26.67	50.46	17.31	0.06	0.031	34.80	7.59	0.68	1.08	
CCE-P1908	Cycle1	301	7.62	34.16	26.67	50.38	17.28	0.06	0.030	34.79	7.59	0.68	1.08	
CCE-P1908	Cycle1	302	7.60	34.15	26.67	50.53	17.32	0.06	0.030	34.93	7.59	0.68	1.08	
CCE-P1908	Cycle1	303	7.58	34.15	26.67	50.56	17.33	0.06	0.030	35.14	7.59	0.68	1.08	
CCE-P1908	Cycle1	304	7.56	34.15	26.68	50.63	17.34	0.07	0.031	35.11	7.59	0.68	1.07	
CCE-P1908	Cycle1	305	7.54	34.15	26.68	50.81	17.40	0.07	0.029	35.12	7.59	0.68	1.07	
CCE-P1908	Cycle1	306	7.52	34.15	26.68	50.93	17.43	0.06	0.030	35.06	7.59	0.68	1.07	
CCE-P1908	Cycle1	307	7.46	34.14	26.68	51.70	17.67	0.06	0.029	35.52	7.59	0.68	1.07	
CCE-P1908	Cycle1	308	7.48	34.15	26.68	50.06	17.11	0.06	0.031	35.41	7.59	0.68	1.07	
CCE-P1908	Cycle1	309	7.45	34.14	26.69	50.52	17.26	0.06	0.029	35.45	7.59	0.68	1.07	
CCE-P1908	Cycle1	310	7.44	34.14	26.69	50.45	17.23	0.07	0.029	35.49	7.59	0.68	1.06	
CCE-P1908	Cycle1	311	7.42	34.14	26.69	50.38	17.20	0.07	0.029	35.54	7.59	0.67	1.06	
CCE-P1908	Cycle1	312	7.41	34.14	26.69	50.39	17.20	0.06	0.028	35.83	7.59	0.67	1.06	
CCE-P1908	Cycle1	313	7.40	34.14	26.69	50.28	17.16	0.06	0.028	35.65	7.59	0.67	1.06	
CCE-P1908	Cycle1	314	7.39	34.14	26.69	50.19	17.12	0.06	0.028	35.58	7.59	0.67	1.06	
CCE-P1908	Cycle1	315	7.37	34.14	26.69	49.89	17.01	0.06	0.028	35.59	7.59	0.67	1.06	
CCE-P1908	Cycle1	316	7.35	34.14	26.70	49.59	16.90	0.07	0.029	35.90	7.58	0.67	1.06	
CCE-P1908	Cycle1	317	7.34	34.14	26.70	49.47	16.86	0.07	0.028	35.58	7.58	0.67	1.06	
CCE-P1908	Cycle1	318	7.32	34.14	26.70	49.44	16.84	0.07	0.028	35.40	7.58	0.67	1.05	
CCE-P1908	Cycle1	319	7.30	34.14	26.70	49.47	16.84	0.06	0.029	35.50	7.58	0.67	1.05	
CCE-P1908	Cycle1	320	7.30	34.14	26.70	49.39	16.81	0.06	0.028	35.71	7.58	0.67	1.05	
CCE-P1908	Cycle1	321	7.28	34.14	26.70	49.24	16.76	0.06	0.028	35.53	7.58	0.67	1.05	
CCE-P1908	Cycle1	322	7.27	34.14	26.71	48.99	16.67	0.06	0.028	35.83	7.58	0.67	1.05	
CCE-P1908	Cycle1	323	7.26	34.14	26.71	48.57	16.52	0.06	0.028	35.87	7.58	0.66	1.05	
CCE-P1908	Cycle1	324	7.27	34.14	26.71	48.14	16.38	0.07	0.028	36.15	7.58	0.66	1.05	
CCE-P1908	Cycle1	325	7.27	34.14	26.71	48.05	16.35	0.06	0.028	35.66	7.58	0.66	1.05	
CCE-P1908	Cycle1	326	7.27	34.14	26.71	48.09	16.36	0.06	0.028	35.87	7.58	0.66	1.05	
CCE-P1908	Cycle1	327	7.26	34.14	26.71	48.03	16.34	0.06	0.028	36.13	7.58	0.66	1.05	
CCE-P1908	Cycle1	328	7.25	34.14	26.71	47.91	16.29	0.06	0.028	36.09	7.58	0.66	1.04	
CCE-P1908	Cycle1	329	7.24	34.14	26.71	47.53	16.16	0.07	0.029	36.25	7.58	0.66	1.04	
CCE-P1908	Cycle1	330	7.24	34.14	26.72	47.07	16.00	0.07	0.028	36.25	7.58	0.66	1.04	
CCE-P1908	Cycle1	331	7.23	34.15	26.72	46.60	15.84	0.07	0.028	36.01	7.58	0.66	1.04	
CCE-P1908	Cycle1	332	7.22	34.15	26.72	46.27	15.73	0.06	0.028	36.23	7.58	0.66	1.04	
CCE-P1908	Cycle1	333	7.22	34.15	26.72	46.07	15.66	0.06	0.028	36.31	7.58	0.66	1.04	
CCE-P1908	Cycle1	334	7.20	34.15	26.72	45.84	15.57	0.06	0.028	36.54	7.58	0.66	1.04	
CCE-P1908	Cycle1	335	7.20	34.15	26.73	45.59	15.49	0.06	0.028	36.49	7.58	0.66	1.03	
CCE-P1908	Cycle1	336	7.19	34.15	26.73	45.21	15.36	0.07	0.028	36.00	7.58	0.65	1.03	
CCE-P1908	Cycle1	337	7.19	34.15	26.73	44.67	15.17	0.07	0.028	36.34	7.58	0.65	1.03	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	338	7.20	34.15	26.73	44.04	14.96	0.06	0.029	36.57	7.57	0.65	1.03	
CCE-P1908	Cycle1	339	7.19	34.16	26.73	43.41	14.75	0.06	0.028	36.59	7.57	0.65	1.03	
CCE-P1908	Cycle1	340	7.20	34.16	26.73	42.77	14.53	0.06	0.030	36.57	7.57	0.65	1.03	
CCE-P1908	Cycle1	341	7.20	34.16	26.74	42.36	14.39	0.06	0.028	36.35	7.57	0.65	1.03	
CCE-P1908	Cycle1	342	7.19	34.16	26.74	42.10	14.30	0.07	0.028	36.35	7.57	0.65	1.02	
CCE-P1908	Cycle1	343	7.19	34.17	26.74	41.90	14.23	0.07	0.028	36.91	7.57	0.65	1.02	
CCE-P1908	Cycle1	344	7.18	34.16	26.74	41.51	14.10	0.06	0.028	36.43	7.57	0.65	1.02	
CCE-P1908	Cycle1	345	7.17	34.17	26.74	40.95	13.90	0.06	0.028	36.77	7.57	0.65	1.02	
CCE-P1908	Cycle1	346	7.16	34.17	26.75	40.49	13.74	0.06	0.028	36.81	7.57	0.65	1.02	
CCE-P1908	Cycle1	347	7.14	34.17	26.75	40.24	13.65	0.07	0.028	36.52	7.57	0.64	1.02	
CCE-P1908	Cycle1	348	7.13	34.17	26.75	40.06	13.59	0.07	0.029	36.87	7.57	0.64	1.01	
CCE-P1908	Cycle1	349	7.11	34.17	26.75	39.76	13.48	0.07	0.028	37.31	7.57	0.64	1.01	
CCE-P1908	Cycle1	350	7.09	34.17	26.76	39.31	13.33	0.06	0.028	37.36	7.57	0.64	1.01	
CCE-P1908	Cycle1	351	7.09	34.17	26.76	38.79	13.15	0.06	0.029	37.26	7.57	0.64	1.01	
CCE-P1908	Cycle1	352	7.08	34.17	26.76	38.22	12.95	0.06	0.029	37.06	7.56	0.64	1.01	
CCE-P1908	Cycle1	353	7.07	34.17	26.76	37.66	12.76	0.06	0.027	37.06	7.56	0.64	1.00	
CCE-P1908	Cycle1	354	7.07	34.18	26.77	37.33	12.65	0.06	0.028	37.15	7.56	0.64	1.00	
CCE-P1908	Cycle1	355	7.06	34.18	26.77	37.10	12.57	0.07	0.027	37.12	7.56	0.64	1.00	
CCE-P1908	Cycle1	356	7.05	34.18	26.77	36.92	12.51	0.07	0.027	36.86	7.56	0.64	1.00	
CCE-P1908	Cycle1	357	7.04	34.18	26.77	36.71	12.43	0.06	0.028	37.13	7.56	0.63	1.00	
CCE-P1908	Cycle1	358	7.03	34.18	26.77	36.48	12.35	0.06	0.028	37.16	7.56	0.63	1.00	
CCE-P1908	Cycle1	359	7.02	34.18	26.77	36.21	12.25	0.06	0.027	37.19	7.56	0.63	1.00	
CCE-P1908	Cycle1	360	7.00	34.18	26.78	36.10	12.21	0.06	0.028	37.53	7.56	0.63	1.00	
CCE-P1908	Cycle1	361	7.00	34.18	26.78	35.96	12.17	0.07	0.028	37.70	7.56	0.63	1.00	
CCE-P1908	Cycle1	362	6.99	34.18	26.78	35.78	12.10	0.07	0.027	37.76	7.56	0.63	0.99	
CCE-P1908	Cycle1	363	6.98	34.18	26.78	35.62	12.04	0.06	0.028	37.44	7.56	0.63	0.99	
CCE-P1908	Cycle1	364	6.97	34.18	26.78	35.61	12.04	0.06	0.028	37.58	7.56	0.63	0.99	
CCE-P1908	Cycle1	365	6.96	34.18	26.78	35.50	12.00	0.06	0.028	37.77	7.56	0.63	0.99	
CCE-P1908	Cycle1	366	6.95	34.18	26.78	35.39	11.96	0.06	0.028	37.59	7.56	0.63	0.99	
CCE-P1908	Cycle1	367	6.95	34.18	26.78	35.25	11.91	0.07	0.028	37.93	7.56	0.63	0.99	
CCE-P1908	Cycle1	368	6.94	34.18	26.78	35.09	11.85	0.07	0.028	37.66	7.56	0.63	0.99	
CCE-P1908	Cycle1	369	6.94	34.18	26.79	34.83	11.76	0.06	0.028	37.51	7.56	0.63	0.99	
CCE-P1908	Cycle1	370	6.93	34.18	26.79	34.60	11.68	0.06	0.028	37.71	7.56	0.63	0.99	
CCE-P1908	Cycle1	371	6.93	34.18	26.79	34.38	11.61	0.06	0.028	37.49	7.56	0.63	0.99	
CCE-P1908	Cycle1	372	6.92	34.18	26.79	34.20	11.55	0.06	0.028	37.73	7.56	0.63	0.99	
CCE-P1908	Cycle1	373	6.91	34.18	26.79	34.03	11.49	0.06	0.028	37.76	7.56	0.63	0.99	
CCE-P1908	Cycle1	374	6.89	34.18	26.79	33.87	11.43	0.07	0.029	37.79	7.56	0.62	0.98	
CCE-P1908	Cycle1	375	6.87	34.18	26.80	33.69	11.36	0.07	0.028	37.45	7.56	0.62	0.98	
CCE-P1908	Cycle1	376	6.86	34.18	26.80	33.50	11.29	0.07	0.028	37.80	7.56	0.62	0.98	
CCE-P1908	Cycle1	377	6.85	34.18	26.80	33.37	11.25	0.06	0.028	37.69	7.56	0.62	0.98	
CCE-P1908	Cycle1	378	6.84	34.18	26.80	33.26	11.21	0.06	0.028	37.83	7.56	0.62	0.98	
CCE-P1908	Cycle1	379	6.82	34.18	26.80	33.14	11.16	0.06	0.028	38.07	7.55	0.62	0.98	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	380	6.81	34.18	26.80	32.84	11.06	0.07	0.027	38.19	7.55	0.62	0.98	
CCE-P1908	Cycle1	381	6.81	34.18	26.81	32.49	10.94	0.07	0.027	38.52	7.55	0.62	0.98	
CCE-P1908	Cycle1	382	6.81	34.19	26.81	32.23	10.85	0.07	0.027	38.05	7.55	0.62	0.98	
CCE-P1908	Cycle1	383	6.81	34.19	26.81	32.05	10.79	0.06	0.028	37.73	7.55	0.62	0.97	
CCE-P1908	Cycle1	384	6.80	34.19	26.81	31.87	10.73	0.06	0.029	38.19	7.55	0.62	0.97	
CCE-P1908	Cycle1	385	6.79	34.19	26.81	31.71	10.67	0.06	0.028	38.26	7.55	0.62	0.97	
CCE-P1908	Cycle1	386	6.78	34.19	26.81	31.54	10.61	0.06	0.028	38.38	7.55	0.62	0.97	
CCE-P1908	Cycle1	387	6.76	34.19	26.82	31.37	10.55	0.07	0.028	38.15	7.55	0.62	0.97	
CCE-P1908	Cycle1	388	6.75	34.19	26.82	31.18	10.48	0.07	0.028	37.85	7.55	0.62	0.97	
CCE-P1908	Cycle1	389	6.75	34.19	26.82	30.99	10.42	0.07	0.028	37.59	7.55	0.61	0.97	
CCE-P1908	Cycle1	390	6.74	34.19	26.82	30.80	10.35	0.06	0.028	38.08	7.55	0.61	0.97	
CCE-P1908	Cycle1	391	6.74	34.19	26.82	30.69	10.32	0.06	0.028	38.39	7.55	0.61	0.97	
CCE-P1908	Cycle1	392	6.73	34.19	26.82	30.58	10.28	0.06	0.028	38.27	7.55	0.61	0.97	
CCE-P1908	Cycle1	393	6.72	34.19	26.82	30.46	10.24	0.06	0.028	38.66	7.55	0.61	0.97	
CCE-P1908	Cycle1	394	6.71	34.19	26.82	30.26	10.17	0.07	0.028	38.14	7.55	0.61	0.97	
CCE-P1908	Cycle1	395	6.70	34.19	26.83	30.06	10.10	0.07	0.028	37.61	7.55	0.61	0.96	
CCE-P1908	Cycle1	396	6.68	34.19	26.83	29.90	10.04	0.07	0.028	38.08	7.55	0.61	0.96	
CCE-P1908	Cycle1	397	6.68	34.19	26.83	29.77	9.99	0.06	0.028	38.43	7.55	0.61	0.96	
CCE-P1908	Cycle1	398	6.66	34.19	26.83	29.45	9.88	0.06	0.028	38.40	7.55	0.61	0.96	
CCE-P1908	Cycle1	399	6.65	34.19	26.83	29.22	9.80	0.06	0.028	38.75	7.55	0.61	0.96	
CCE-P1908	Cycle1	400	6.65	34.19	26.84	29.08	9.75	0.06	0.027	38.58	7.55	0.61	0.96	
CCE-P1908	Cycle1	401	6.64	34.19	26.84	28.94	9.71	0.07	0.027	38.38	7.55	0.61	0.96	
CCE-P1908	Cycle1	402	6.63	34.19	26.84	28.80	9.66	0.07	0.027	38.65	7.55	0.61	0.96	
CCE-P1908	Cycle1	403	6.62	34.19	26.84	28.66	9.61	0.06	0.027	38.76	7.55	0.61	0.96	
CCE-P1908	Cycle1	404	6.62	34.19	26.84	28.57	9.58	0.06	0.027	38.56	7.55	0.61	0.96	
CCE-P1908	Cycle1	405	6.61	34.19	26.84	28.49	9.55	0.06	0.029	38.50	7.55	0.61	0.96	
CCE-P1908	Cycle1	406	6.61	34.19	26.84	28.32	9.49	0.06	0.027	38.53	7.55	0.61	0.96	
CCE-P1908	Cycle1	407	6.60	34.20	26.84	28.18	9.44	0.07	0.027	38.20	7.55	0.61	0.96	
CCE-P1908	Cycle1	408	6.60	34.20	26.84	28.07	9.40	0.07	0.027	38.21	7.55	0.61	0.95	
CCE-P1908	Cycle1	409	6.60	34.20	26.84	27.92	9.36	0.06	0.027	38.68	7.55	0.61	0.95	
CCE-P1908	Cycle1	410	6.59	34.20	26.85	27.70	9.28	0.06	0.027	39.04	7.54	0.61	0.95	
CCE-P1908	Cycle1	411	6.59	34.20	26.85	27.47	9.20	0.06	0.027	38.55	7.54	0.60	0.95	
CCE-P1908	Cycle1	412	6.59	34.20	26.85	27.36	9.16	0.06	0.027	38.54	7.54	0.60	0.95	
CCE-P1908	Cycle1	413	6.59	34.20	26.85	27.19	9.11	0.06	0.027	38.68	7.54	0.60	0.95	
CCE-P1908	Cycle1	414	6.59	34.20	26.85	26.94	9.02	0.06	0.027	39.04	7.54	0.60	0.95	
CCE-P1908	Cycle1	415	6.59	34.20	26.85	26.74	8.96	0.07	0.027	38.97	7.54	0.60	0.95	
CCE-P1908	Cycle1	416	6.58	34.20	26.85	26.58	8.90	0.07	0.027	39.31	7.54	0.60	0.95	
CCE-P1908	Cycle1	417	6.57	34.20	26.85	26.49	8.87	0.06	0.027	39.40	7.54	0.60	0.95	
CCE-P1908	Cycle1	418	6.53	34.21	26.86	25.81	8.64	0.06	0.027	38.49	7.54	0.60	0.95	
CCE-P1908	Cycle1	419	6.54	34.21	26.86	25.87	8.66	0.06	0.027	38.48	7.54	0.60	0.95	
CCE-P1908	Cycle1	420	6.53	34.21	26.86	25.53	8.54	0.07	0.027	38.94	7.54	0.60	0.95	
CCE-P1908	Cycle1	421	6.54	34.21	26.86	25.26	8.45	0.07	0.027	39.02	7.54	0.60	0.95	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	422	6.53	34.21	26.87	25.07	8.39	0.06	0.027	39.20	7.54	0.60	0.94	
CCE-P1908	Cycle1	423	6.53	34.21	26.87	24.88	8.32	0.06	0.027	39.32	7.54	0.60	0.94	
CCE-P1908	Cycle1	424	6.52	34.21	26.87	24.60	8.23	0.06	0.027	39.51	7.54	0.60	0.94	
CCE-P1908	Cycle1	425	6.52	34.22	26.87	24.28	8.12	0.06	0.028	39.34	7.54	0.60	0.94	
CCE-P1908	Cycle1	426	6.53	34.22	26.87	24.02	8.04	0.06	0.028	39.18	7.54	0.60	0.94	
CCE-P1908	Cycle1	427	6.53	34.22	26.87	23.94	8.01	0.06	0.028	38.86	7.54	0.60	0.94	
CCE-P1908	Cycle1	428	6.52	34.22	26.87	23.84	7.98	0.07	0.028	39.07	7.54	0.60	0.94	
CCE-P1908	Cycle1	429	6.51	34.22	26.88	23.70	7.93	0.07	0.028	39.02	7.54	0.60	0.94	
CCE-P1908	Cycle1	430	6.51	34.22	26.88	23.57	7.88	0.06	0.028	39.19	7.54	0.60	0.94	
CCE-P1908	Cycle1	431	6.51	34.22	26.88	23.35	7.81	0.06	0.029	39.01	7.54	0.60	0.94	
CCE-P1908	Cycle1	432	6.51	34.22	26.88	23.21	7.76	0.06	0.028	39.25	7.54	0.60	0.94	
CCE-P1908	Cycle1	433	6.50	34.23	26.88	23.07	7.71	0.07	0.028	39.41	7.54	0.60	0.94	
CCE-P1908	Cycle1	434	6.50	34.23	26.88	23.01	7.70	0.07	0.028	39.66	7.54	0.60	0.94	
CCE-P1908	Cycle1	435	6.49	34.23	26.88	22.89	7.65	0.07	0.028	39.19	7.54	0.60	0.94	
CCE-P1908	Cycle1	436	6.48	34.23	26.88	22.72	7.60	0.06	0.028	39.03	7.54	0.59	0.94	
CCE-P1908	Cycle1	437	6.47	34.23	26.89	22.65	7.57	0.06	0.028	38.87	7.54	0.59	0.94	
CCE-P1908	Cycle1	438	6.47	34.23	26.89	22.43	7.50	0.06	0.028	38.93	7.54	0.59	0.94	
CCE-P1908	Cycle1	439	6.47	34.23	26.89	22.23	7.43	0.06	0.028	39.15	7.54	0.59	0.94	
CCE-P1908	Cycle1	440	6.48	34.23	26.89	22.10	7.39	0.07	0.029	39.01	7.54	0.59	0.94	
CCE-P1908	Cycle1	441	6.47	34.23	26.89	21.98	7.35	0.07	0.028	38.90	7.54	0.59	0.93	
CCE-P1908	Cycle1	442	6.45	34.23	26.89	21.90	7.32	0.06	0.028	39.44	7.53	0.59	0.93	
CCE-P1908	Cycle1	443	6.45	34.23	26.89	21.77	7.27	0.06	0.028	39.55	7.53	0.59	0.93	
CCE-P1908	Cycle1	444	6.44	34.23	26.89	21.65	7.23	0.06	0.028	39.41	7.53	0.59	0.93	
CCE-P1908	Cycle1	445	6.43	34.23	26.89	21.57	7.20	0.06	0.027	39.56	7.53	0.59	0.93	
CCE-P1908	Cycle1	446	6.43	34.23	26.90	21.39	7.14	0.06	0.028	39.73	7.53	0.59	0.93	
CCE-P1908	Cycle1	447	6.42	34.23	26.90	21.24	7.09	0.07	0.027	39.70	7.53	0.59	0.93	
CCE-P1908	Cycle1	448	6.41	34.23	26.90	21.13	7.05	0.07	0.028	39.76	7.53	0.59	0.93	
CCE-P1908	Cycle1	449	6.41	34.23	26.90	21.02	7.01	0.07	0.028	39.74	7.53	0.59	0.93	
CCE-P1908	Cycle1	450	6.40	34.23	26.90	20.90	6.97	0.06	0.028	39.25	7.53	0.59	0.93	
CCE-P1908	Cycle1	451	6.40	34.24	26.90	20.81	6.94	0.06	0.027	39.40	7.53	0.59	0.93	
CCE-P1908	Cycle1	452	6.40	34.24	26.90	20.70	6.90	0.06	0.027	39.85	7.53	0.59	0.93	
CCE-P1908	Cycle1	453	6.39	34.24	26.90	20.65	6.89	0.06	0.027	39.99	7.53	0.59	0.93	
CCE-P1908	Cycle1	454	6.38	34.24	26.91	20.59	6.87	0.07	0.027	39.87	7.53	0.59	0.93	
CCE-P1908	Cycle1	455	6.38	34.24	26.91	20.45	6.82	0.07	0.027	40.04	7.53	0.59	0.93	
CCE-P1908	Cycle1	456	6.38	34.24	26.91	20.23	6.75	0.06	0.027	40.44	7.53	0.59	0.93	
CCE-P1908	Cycle1	457	6.38	34.24	26.91	20.00	6.67	0.06	0.027	39.82	7.53	0.59	0.93	
CCE-P1908	Cycle1	458	6.38	34.24	26.91	19.79	6.60	0.06	0.027	39.76	7.53	0.59	0.93	
CCE-P1908	Cycle1	459	6.38	34.24	26.91	19.63	6.55	0.07	0.027	39.45	7.53	0.59	0.93	
CCE-P1908	Cycle1	460	6.37	34.25	26.91	19.56	6.52	0.07	0.027	39.62	7.53	0.59	0.93	
CCE-P1908	Cycle1	461	6.37	34.25	26.91	19.48	6.49	0.07	0.036	39.93	7.53	0.59	0.92	
CCE-P1908	Cycle1	462	6.36	34.25	26.92	19.45	6.48	0.06	0.028	39.98	7.53	0.59	0.92	
CCE-P1908	Cycle1	463	6.35	34.25	26.92	19.36	6.45	0.06	0.028	39.77	7.53	0.59	0.92	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	464	6.35	34.25	26.92	19.25	6.41	0.06	0.027	40.12	7.53	0.59	0.92	
CCE-P1908	Cycle1	465	6.34	34.25	26.92	19.18	6.39	0.07	0.027	40.23	7.53	0.59	0.92	
CCE-P1908	Cycle1	466	6.33	34.25	26.92	19.13	6.37	0.07	0.029	39.98	7.53	0.59	0.92	
CCE-P1908	Cycle1	467	6.32	34.25	26.92	19.09	6.36	0.07	0.027	39.96	7.53	0.59	0.92	
CCE-P1908	Cycle1	468	6.32	34.25	26.92	19.03	6.34	0.06	0.028	40.06	7.53	0.59	0.92	
CCE-P1908	Cycle1	469	6.31	34.25	26.92	18.98	6.32	0.06	0.027	39.96	7.53	0.59	0.92	
CCE-P1908	Cycle1	470	6.29	34.24	26.92	19.02	6.33	0.06	0.028	40.48	7.53	0.58	0.92	
CCE-P1908	Cycle1	471	6.27	34.24	26.92	19.04	6.33	0.06	0.027	40.69	7.53	0.58	0.92	
CCE-P1908	Cycle1	472	6.26	34.24	26.93	19.01	6.32	0.06	0.027	40.31	7.53	0.58	0.92	
CCE-P1908	Cycle1	473	6.25	34.24	26.93	19.00	6.32	0.07	0.027	40.16	7.53	0.58	0.92	
CCE-P1908	Cycle1	474	6.25	34.24	26.93	18.90	6.28	0.07	0.028	40.27	7.53	0.58	0.92	
CCE-P1908	Cycle1	475	6.25	34.24	26.93	18.77	6.24	0.07	0.027	40.31	7.53	0.58	0.92	
CCE-P1908	Cycle1	476	6.25	34.24	26.93	18.72	6.22	0.06	0.027	40.60	7.53	0.58	0.92	
CCE-P1908	Cycle1	477	6.24	34.24	26.93	18.67	6.21	0.06	0.027	40.67	7.53	0.58	0.92	
CCE-P1908	Cycle1	478	6.22	34.24	26.93	18.62	6.19	0.06	0.026	40.49	7.53	0.58	0.92	
CCE-P1908	Cycle1	479	6.21	34.24	26.93	18.59	6.17	0.07	0.026	40.32	7.53	0.58	0.92	
CCE-P1908	Cycle1	480	6.20	34.24	26.93	18.44	6.12	0.07	0.027	40.36	7.53	0.58	0.92	
CCE-P1908	Cycle1	481	6.20	34.25	26.94	18.19	6.04	0.06	0.026	40.84	7.53	0.58	0.92	
CCE-P1908	Cycle1	482	6.20	34.25	26.94	18.03	5.99	0.06	0.026	40.66	7.53	0.58	0.92	
CCE-P1908	Cycle1	483	6.21	34.25	26.94	17.95	5.96	0.06	0.026	39.88	7.53	0.58	0.92	
CCE-P1908	Cycle1	484	6.20	34.25	26.94	17.85	5.93	0.06	0.027	40.23	7.53	0.58	0.91	
CCE-P1908	Cycle1	485	6.19	34.25	26.94	17.86	5.93	0.07	0.027	40.15	7.53	0.58	0.91	
CCE-P1908	Cycle1	486	6.18	34.25	26.94	17.82	5.92	0.07	0.027	40.30	7.53	0.58	0.91	
CCE-P1908	Cycle1	487	6.18	34.25	26.94	17.83	5.92	0.07	0.027	40.48	7.53	0.58	0.91	
CCE-P1908	Cycle1	488	6.17	34.25	26.94	17.85	5.93	0.06	0.027	40.60	7.53	0.58	0.91	
CCE-P1908	Cycle1	489	6.15	34.25	26.94	17.81	5.91	0.06	0.027	40.76	7.53	0.58	0.91	
CCE-P1908	Cycle1	490	6.13	34.25	26.95	17.78	5.90	0.06	0.027	40.26	7.53	0.58	0.91	
CCE-P1908	Cycle1	491	6.12	34.25	26.95	17.78	5.89	0.06	0.026	40.14	7.53	0.58	0.91	
CCE-P1908	Cycle1	492	6.12	34.25	26.95	17.72	5.88	0.06	0.026	40.83	7.53	0.58	0.91	
CCE-P1908	Cycle1	493	6.13	34.25	26.95	17.60	5.84	0.07	0.026	40.85	7.53	0.58	0.91	
CCE-P1908	Cycle1	494	6.13	34.25	26.95	17.47	5.79	0.06	0.026	40.95	7.53	0.58	0.91	
CCE-P1908	Cycle1	495	6.11	34.25	26.95	17.48	5.79	0.06	0.026	40.88	7.53	0.58	0.91	
CCE-P1908	Cycle1	496	6.11	34.25	26.95	17.45	5.78	0.06	0.026	40.70	7.53	0.58	0.91	
CCE-P1908	Cycle1	497	6.10	34.25	26.95	17.34	5.75	0.06	0.027	40.58	7.53	0.58	0.91	
CCE-P1908	Cycle1	498	6.10	34.25	26.95	17.23	5.71	0.07	0.026	40.49	7.53	0.58	0.91	
CCE-P1908	Cycle1	499	6.09	34.25	26.95	17.17	5.69	0.07	0.027	41.12	7.52	0.58	0.91	
CCE-P1908	Cycle1	500	6.08	34.25	26.96	17.11	5.67	0.07	0.027	40.96	7.52	0.58	0.91	
CCE-P1908	Cycle1	501	6.07	34.25	26.96	16.94	5.61	0.06	0.026	40.87	7.52	0.58	0.91	
CCE-P1908	Cycle1	502	6.07	34.25	26.96	16.94	5.61	0.06	0.026	40.45	7.52	0.58	0.91	
CCE-P1908	Cycle1	503	6.06	34.25	26.96	16.87	5.58	0.06	0.026	40.43	7.52	0.58	0.91	
CCE-P1908	Cycle1	504	6.05	34.25	26.96	16.85	5.58	0.06	0.026	40.67	7.52	0.58	0.91	
CCE-P1908	Cycle1	505	6.05	34.25	26.96	16.82	5.57	0.07	0.026	40.62	7.52	0.58	0.91	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	506	6.04	34.25	26.96	16.76	5.55	0.07	0.026	40.74	7.52	0.58	0.91	
CCE-P1908	Cycle1	507	6.03	34.25	26.96	16.71	5.53	0.06	0.026	40.99	7.52	0.58	0.91	
CCE-P1908	Cycle1	508	6.02	34.25	26.96	16.68	5.52	0.06	0.026	41.12	7.52	0.57	0.91	
CCE-P1908	Cycle1	509	6.02	34.25	26.97	16.63	5.50	0.06	0.026	41.12	7.52	0.57	0.90	
CCE-P1908	Cycle1	510	6.01	34.25	26.97	16.50	5.46	0.06	0.026	40.77	7.52	0.57	0.90	
CCE-P1908	Cycle1	511	5.99	34.25	26.97	16.40	5.42	0.07	0.026	40.79	7.52	0.57	0.90	
CCE-P1908	Cycle1	512	5.98	34.25	26.97	16.32	5.39	0.07	0.026	40.78	7.52	0.57	0.90	
CCE-P1908	Cycle1	513	5.97	34.25	26.97	16.31	5.39	0.07	0.026	40.58	7.52	0.57	0.90	
CCE-P1908	Cycle1	514	5.96	34.25	26.97	16.23	5.36	0.06	0.025	41.06	7.52	0.57	0.90	
CCE-P1908	Cycle1	515	5.96	34.25	26.97	16.20	5.35	0.06	0.025	40.90	7.52	0.57	0.90	
CCE-P1908	Cycle1	516	5.95	34.25	26.97	16.18	5.34	0.06	0.025	41.24	7.52	0.57	0.90	
CCE-P1908	Cycle1	517	5.95	34.25	26.97	16.07	5.31	0.06	0.026	41.21	7.52	0.57	0.90	
CCE-P1908	Cycle1	518	5.94	34.25	26.98	16.05	5.30	0.07	0.025	41.25	7.52	0.57	0.90	
CCE-P1908	Cycle1	519	5.93	34.25	26.98	15.98	5.27	0.07	0.025	40.96	7.52	0.57	0.90	
CCE-P1908	Cycle1	520	5.93	34.25	26.98	15.90	5.25	0.06	0.025	41.23	7.52	0.57	0.90	
CCE-P1908	Cycle1	521	5.90	34.26	26.98	15.60	5.15	0.06	0.025	41.25	7.52	0.57	0.90	
CCE-P1908	Cycle1	522	5.90	34.26	26.98	15.60	5.15	0.06	0.025	41.32	7.52	0.57	0.90	
CCE-P1908	Cycle1	523	5.89	34.26	26.98	15.49	5.11	0.07	0.025	40.92	7.52	0.57	0.90	
CCE-P1908	Cycle1	524	5.87	34.26	26.99	15.45	5.09	0.07	0.025	41.40	7.52	0.57	0.90	
CCE-P1908	Cycle1	525	5.86	34.26	26.99	15.46	5.09	0.06	0.025	41.59	7.52	0.57	0.90	
CCE-P1908	Cycle1	526	5.85	34.26	26.99	15.43	5.08	0.06	0.025	41.05	7.52	0.57	0.90	
CCE-P1908	Cycle1	527	5.83	34.25	26.99	15.41	5.07	0.06	0.025	41.11	7.52	0.57	0.90	
CCE-P1908	Cycle1	528	5.83	34.25	26.99	15.38	5.06	0.06	0.025	41.32	7.52	0.57	0.90	
CCE-P1908	Cycle1	529	5.82	34.25	26.99	15.30	5.04	0.07	0.025	41.48	7.52	0.57	0.89	
CCE-P1908	Cycle1	530	5.81	34.25	26.99	15.24	5.02	0.07	0.025	41.15	7.52	0.57	0.89	
CCE-P1908	Cycle1	531	5.81	34.25	26.99	15.16	4.99	0.07	0.025	41.28	7.52	0.57	0.89	
CCE-P1908	Cycle1	532	5.80	34.25	26.99	15.14	4.98	0.06	0.025	41.17	7.52	0.57	0.89	
CCE-P1908	Cycle1	533	5.80	34.26	27.00	15.08	4.96	0.06	0.025	40.92	7.52	0.57	0.89	
CCE-P1908	Cycle1	534	5.79	34.26	27.00	15.00	4.94	0.06	0.025	41.52	7.52	0.57	0.89	
CCE-P1908	Cycle1	535	5.79	34.26	27.00	14.96	4.92	0.06	0.024	41.79	7.52	0.57	0.89	
CCE-P1908	Cycle1	536	5.78	34.26	27.00	14.81	4.87	0.07	0.025	41.86	7.52	0.57	0.89	
CCE-P1908	Cycle1	537	5.77	34.26	27.00	14.74	4.85	0.07	0.024	41.51	7.52	0.57	0.89	
CCE-P1908	Cycle1	538	5.77	34.26	27.00	14.66	4.82	0.07	0.024	42.02	7.52	0.57	0.89	
CCE-P1908	Cycle1	539	5.77	34.26	27.00	14.57	4.79	0.06	0.024	42.33	7.52	0.57	0.89	
CCE-P1908	Cycle1	540	5.76	34.26	27.00	14.52	4.77	0.06	0.025	41.93	7.52	0.57	0.89	
CCE-P1908	Cycle1	541	5.76	34.26	27.00	14.48	4.76	0.06	0.024	41.96	7.52	0.57	0.89	
CCE-P1908	Cycle1	542	5.75	34.26	27.01	14.40	4.73	0.07	0.024	42.28	7.52	0.57	0.89	
CCE-P1908	Cycle1	543	5.74	34.26	27.01	14.36	4.72	0.07	0.024	41.75	7.52	0.57	0.89	
CCE-P1908	Cycle1	544	5.74	34.26	27.01	14.28	4.69	0.07	0.024	41.93	7.52	0.57	0.89	
CCE-P1908	Cycle1	545	5.73	34.26	27.01	14.21	4.67	0.06	0.024	41.57	7.52	0.56	0.89	
CCE-P1908	Cycle1	546	5.72	34.26	27.01	14.25	4.68	0.06	0.025	42.16	7.52	0.56	0.89	
CCE-P1908	Cycle1	547	5.72	34.26	27.01	14.16	4.65	0.06	0.025	42.15	7.52	0.56	0.89	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	548	5.71	34.26	27.01	14.10	4.63	0.07	0.024	41.95	7.52	0.56	0.89	
CCE-P1908	Cycle1	549	5.71	34.26	27.01	14.08	4.62	0.07	0.024	42.18	7.52	0.56	0.89	
CCE-P1908	Cycle1	550	5.70	34.26	27.01	14.04	4.61	0.07	0.024	41.92	7.52	0.56	0.89	
CCE-P1908	Cycle1	551	5.69	34.26	27.01	14.04	4.61	0.06	0.025	42.08	7.52	0.56	0.89	
CCE-P1908	Cycle1	552	5.69	34.26	27.01	13.98	4.59	0.06	0.025	42.18	7.52	0.56	0.89	
CCE-P1908	Cycle1	553	5.68	34.26	27.02	13.90	4.56	0.06	0.024	42.47	7.52	0.56	0.89	
CCE-P1908	Cycle1	554	5.68	34.27	27.02	13.80	4.53	0.07	0.024	41.71	7.52	0.56	0.89	
CCE-P1908	Cycle1	555	5.68	34.27	27.02	13.78	4.52	0.07	0.026	41.66	7.52	0.56	0.89	
CCE-P1908	Cycle1	556	5.67	34.27	27.02	13.74	4.51	0.07	0.024	41.98	7.52	0.56	0.89	
CCE-P1908	Cycle1	557	5.67	34.27	27.02	13.60	4.46	0.06	0.025	42.31	7.52	0.56	0.89	
CCE-P1908	Cycle1	558	5.67	34.27	27.02	13.59	4.46	0.06	0.025	42.04	7.52	0.56	0.89	
CCE-P1908	Cycle1	559	5.66	34.27	27.02	13.54	4.44	0.06	0.025	42.04	7.52	0.56	0.89	
CCE-P1908	Cycle1	560	5.66	34.27	27.02	13.50	4.43	0.06	0.026	42.02	7.52	0.56	0.89	
CCE-P1908	Cycle1	561	5.65	34.27	27.02	13.46	4.42	0.06	0.024	42.21	7.52	0.56	0.89	
CCE-P1908	Cycle1	562	5.64	34.27	27.03	13.39	4.39	0.07	0.024	42.07	7.52	0.56	0.89	
CCE-P1908	Cycle1	563	5.63	34.27	27.03	13.30	4.36	0.07	0.025	42.23	7.52	0.56	0.88	
CCE-P1908	Cycle1	564	5.63	34.27	27.03	13.28	4.35	0.06	0.025	42.18	7.52	0.56	0.88	
CCE-P1908	Cycle1	565	5.62	34.27	27.03	13.23	4.34	0.06	0.025	42.45	7.52	0.56	0.88	
CCE-P1908	Cycle1	566	5.62	34.27	27.03	13.19	4.32	0.06	0.024	42.53	7.52	0.56	0.88	
CCE-P1908	Cycle1	567	5.61	34.27	27.03	13.16	4.31	0.06	0.024	42.44	7.52	0.56	0.88	
CCE-P1908	Cycle1	568	5.60	34.27	27.03	13.07	4.28	0.07	0.024	42.37	7.52	0.56	0.88	
CCE-P1908	Cycle1	569	5.60	34.27	27.03	13.02	4.26	0.07	0.024	42.16	7.51	0.56	0.88	
CCE-P1908	Cycle1	570	5.59	34.27	27.03	13.00	4.26	0.06	0.024	42.17	7.51	0.56	0.88	
CCE-P1908	Cycle1	571	5.58	34.27	27.04	12.91	4.23	0.06	0.024	42.69	7.51	0.56	0.88	
CCE-P1908	Cycle1	572	5.58	34.27	27.04	12.88	4.22	0.06	0.025	42.26	7.51	0.56	0.88	
CCE-P1908	Cycle1	573	5.57	34.27	27.04	12.94	4.24	0.06	0.024	42.52	7.51	0.56	0.88	
CCE-P1908	Cycle1	574	5.57	34.27	27.04	12.87	4.21	0.06	0.024	42.50	7.51	0.56	0.88	
CCE-P1908	Cycle1	575	5.56	34.27	27.04	12.75	4.17	0.07	0.025	42.55	7.51	0.56	0.88	
CCE-P1908	Cycle1	576	5.55	34.27	27.04	12.75	4.17	0.07	0.025	42.59	7.51	0.56	0.88	
CCE-P1908	Cycle1	577	5.55	34.28	27.04	12.72	4.16	0.06	0.025	42.66	7.51	0.56	0.88	
CCE-P1908	Cycle1	578	5.54	34.28	27.04	12.73	4.16	0.06	0.024	42.32	7.51	0.56	0.88	
CCE-P1908	Cycle1	579	5.53	34.27	27.04	12.70	4.15	0.06	0.024	41.93	7.51	0.56	0.88	
CCE-P1908	Cycle1	580	5.53	34.28	27.04	12.59	4.12	0.06	0.024	42.27	7.51	0.56	0.88	
CCE-P1908	Cycle1	581	5.51	34.27	27.04	12.63	4.13	0.06	0.024	42.59	7.51	0.56	0.88	
CCE-P1908	Cycle1	582	5.50	34.27	27.05	12.60	4.12	0.07	0.024	42.74	7.51	0.56	0.88	
CCE-P1908	Cycle1	583	5.50	34.27	27.05	12.54	4.10	0.07	0.024	42.85	7.51	0.56	0.88	
CCE-P1908	Cycle1	584	5.50	34.27	27.05	12.54	4.10	0.07	0.024	42.82	7.51	0.56	0.88	
CCE-P1908	Cycle1	585	5.49	34.28	27.05	12.42	4.06	0.06	0.024	43.05	7.51	0.56	0.88	
CCE-P1908	Cycle1	586	5.48	34.28	27.05	12.29	4.02	0.06	0.024	42.78	7.51	0.56	0.88	
CCE-P1908	Cycle1	587	5.47	34.28	27.05	12.32	4.03	0.06	0.024	42.38	7.51	0.56	0.88	
CCE-P1908	Cycle1	588	5.46	34.28	27.05	12.30	4.02	0.06	0.024	42.95	7.51	0.56	0.88	
CCE-P1908	Cycle1	589	5.45	34.28	27.05	12.21	3.99	0.07	0.024	42.79	7.51	0.56	0.88	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	590	5.44	34.28	27.06	12.11	3.95	0.07	0.023	42.50	7.51	0.56	0.88	
CCE-P1908	Cycle1	591	5.44	34.28	27.06	12.06	3.94	0.07	0.023	42.90	7.51	0.56	0.88	
CCE-P1908	Cycle1	592	5.43	34.28	27.06	12.08	3.94	0.06	0.023	42.97	7.51	0.56	0.88	
CCE-P1908	Cycle1	593	5.43	34.28	27.06	11.99	3.91	0.06	0.023	43.04	7.51	0.56	0.88	
CCE-P1908	Cycle1	594	5.42	34.28	27.06	11.92	3.89	0.06	0.023	42.94	7.51	0.56	0.88	
CCE-P1908	Cycle1	595	5.42	34.28	27.06	11.86	3.87	0.07	0.025	42.49	7.51	0.56	0.87	
CCE-P1908	Cycle1	596	5.42	34.28	27.06	11.86	3.87	0.07	0.024	42.96	7.51	0.56	0.87	
CCE-P1908	Cycle1	597	5.42	34.28	27.06	11.85	3.87	0.07	0.024	43.09	7.51	0.56	0.87	
CCE-P1908	Cycle1	598	5.42	34.28	27.06	11.73	3.83	0.06	0.024	42.91	7.51	0.56	0.87	
CCE-P1908	Cycle1	599	5.42	34.28	27.06	11.66	3.80	0.06	0.024	42.81	7.51	0.56	0.87	
CCE-P1908	Cycle1	600	5.41	34.28	27.07	11.69	3.81	0.06	0.024	43.08	7.51	0.56	0.87	
CCE-P1908	Cycle1	601	5.41	34.29	27.07	11.60	3.79	0.06	0.024	42.74	7.51	0.56	0.87	
CCE-P1908	Cycle1	602	5.41	34.29	27.07	11.48	3.75	0.07	0.024	42.68	7.51	0.56	0.87	
CCE-P1908	Cycle1	603	5.40	34.29	27.07	11.52	3.76	0.07	0.025	42.98	7.51	0.55	0.87	
CCE-P1908	Cycle1	604	5.39	34.29	27.07	11.47	3.74	0.06	0.025	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle1	605	5.38	34.29	27.07	11.36	3.70	0.06	0.025	42.98	7.51	0.55	0.87	
CCE-P1908	Cycle1	606	5.37	34.29	27.07	11.35	3.70	0.06	0.025	42.99	7.51	0.55	0.87	
CCE-P1908	Cycle1	607	5.37	34.29	27.07	11.30	3.68	0.06	0.025	43.38	7.51	0.55	0.87	
CCE-P1908	Cycle1	608	5.37	34.29	27.07	11.27	3.67	0.07	0.025	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle1	609	5.36	34.29	27.08	11.23	3.66	0.07	0.025	42.89	7.51	0.55	0.87	
CCE-P1908	Cycle1	610	5.36	34.29	27.08	11.22	3.65	0.06	0.026	42.89	7.51	0.55	0.87	
CCE-P1908	Cycle1	611	5.35	34.29	27.08	11.21	3.65	0.06	0.025	42.90	7.51	0.55	0.87	
CCE-P1908	Cycle1	612	5.35	34.29	27.08	11.20	3.65	0.06	0.025	43.26	7.51	0.55	0.87	
CCE-P1908	Cycle1	613	5.35	34.29	27.08	11.19	3.65	0.06	0.025	43.17	7.51	0.55	0.87	
CCE-P1908	Cycle1	614	5.34	34.29	27.08	11.05	3.60	0.06	0.025	43.03	7.51	0.55	0.87	
CCE-P1908	Cycle1	615	5.34	34.29	27.08	10.99	3.58	0.07	0.025	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle1	616	5.34	34.29	27.08	11.02	3.59	0.07	0.025	43.22	7.51	0.55	0.87	
CCE-P1908	Cycle1	617	5.34	34.30	27.08	10.96	3.57	0.07	0.025	43.35	7.51	0.55	0.87	
CCE-P1908	Cycle1	618	5.32	34.29	27.08	10.91	3.55	0.06	0.025	43.63	7.51	0.55	0.87	
CCE-P1908	Cycle1	619	5.33	34.30	27.09	10.88	3.54	0.06	0.025	43.06	7.51	0.55	0.87	
CCE-P1908	Cycle1	620	5.30	34.30	27.09	10.82	3.52	0.07	0.025	43.06	7.51	0.55	0.87	
CCE-P1908	Cycle1	621	5.30	34.30	27.09	10.75	3.50	0.07	0.024	43.35	7.51	0.55	0.87	
CCE-P1908	Cycle1	622	5.29	34.30	27.09	10.69	3.48	0.07	0.024	43.07	7.51	0.55	0.87	
CCE-P1908	Cycle1	623	5.28	34.30	27.09	10.72	3.49	0.06	0.024	42.88	7.51	0.55	0.87	
CCE-P1908	Cycle1	624	5.28	34.30	27.09	10.72	3.49	0.06	0.024	43.15	7.51	0.55	0.87	
CCE-P1908	Cycle1	625	5.28	34.30	27.09	10.66	3.47	0.06	0.024	42.97	7.51	0.55	0.87	
CCE-P1908	Cycle1	626	5.27	34.30	27.09	10.63	3.46	0.06	0.024	43.15	7.51	0.55	0.87	
CCE-P1908	Cycle1	627	5.27	34.30	27.09	10.56	3.43	0.07	0.024	43.45	7.51	0.55	0.87	
CCE-P1908	Cycle1	628	5.26	34.30	27.10	10.49	3.41	0.07	0.024	43.42	7.51	0.55	0.87	
CCE-P1908	Cycle1	629	5.26	34.30	27.10	10.43	3.39	0.07	0.024	43.59	7.51	0.55	0.87	
CCE-P1908	Cycle1	630	5.26	34.30	27.10	10.43	3.39	0.06	0.024	43.50	7.51	0.55	0.87	
CCE-P1908	Cycle1	631	5.25	34.30	27.10	10.44	3.39	0.06	0.026	43.59	7.51	0.55	0.87	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	632	5.25	34.30	27.10	10.36	3.37	0.06	0.024	43.55	7.51	0.55	0.87	
CCE-P1908	Cycle1	633	5.25	34.30	27.10	10.33	3.36	0.07	0.025	43.40	7.51	0.55	0.87	
CCE-P1908	Cycle1	634	5.25	34.31	27.10	10.31	3.35	0.07	0.025	43.46	7.51	0.55	0.87	
CCE-P1908	Cycle1	635	5.24	34.31	27.10	10.30	3.34	0.06	0.024	43.44	7.51	0.55	0.87	
CCE-P1908	Cycle1	636	5.24	34.31	27.10	10.31	3.35	0.06	0.025	43.55	7.51	0.55	0.87	
CCE-P1908	Cycle1	637	5.24	34.31	27.10	10.29	3.34	0.06	0.024	43.56	7.51	0.55	0.87	
CCE-P1908	Cycle1	638	5.23	34.31	27.11	10.26	3.33	0.06	0.024	43.39	7.51	0.55	0.87	
CCE-P1908	Cycle1	639	5.23	34.31	27.11	10.25	3.33	0.07	0.024	43.39	7.51	0.55	0.87	
CCE-P1908	Cycle1	640	5.22	34.31	27.11	10.21	3.32	0.07	0.024	43.25	7.51	0.55	0.87	
CCE-P1908	Cycle1	641	5.22	34.31	27.11	10.17	3.30	0.07	0.024	43.35	7.51	0.55	0.87	
CCE-P1908	Cycle1	642	5.21	34.31	27.11	10.15	3.30	0.06	0.024	43.55	7.51	0.55	0.87	
CCE-P1908	Cycle1	643	5.21	34.31	27.11	10.10	3.28	0.06	0.024	43.20	7.51	0.55	0.87	
CCE-P1908	Cycle1	644	5.20	34.31	27.11	10.08	3.27	0.06	0.024	43.56	7.51	0.55	0.87	
CCE-P1908	Cycle1	645	5.20	34.31	27.11	10.10	3.28	0.06	0.024	43.66	7.51	0.55	0.87	
CCE-P1908	Cycle1	646	5.19	34.31	27.11	10.05	3.26	0.07	0.026	43.34	7.51	0.55	0.86	
CCE-P1908	Cycle1	647	5.19	34.31	27.11	10.01	3.25	0.07	0.024	43.83	7.51	0.55	0.86	
CCE-P1908	Cycle1	648	5.18	34.31	27.11	10.01	3.25	0.06	0.024	43.63	7.51	0.55	0.86	
CCE-P1908	Cycle1	649	5.18	34.31	27.12	9.96	3.23	0.06	0.024	43.14	7.51	0.55	0.86	
CCE-P1908	Cycle1	650	5.17	34.31	27.12	9.93	3.22	0.06	0.024	43.49	7.51	0.55	0.86	
CCE-P1908	Cycle1	651	5.17	34.31	27.12	9.94	3.22	0.06	0.023	43.79	7.51	0.55	0.86	
CCE-P1908	Cycle1	652	5.17	34.32	27.12	9.94	3.22	0.07	0.024	43.65	7.51	0.55	0.86	
CCE-P1908	Cycle1	653	5.16	34.32	27.12	9.91	3.21	0.07	0.024	43.33	7.51	0.55	0.86	
CCE-P1908	Cycle1	654	5.16	34.32	27.12	9.83	3.19	0.07	0.024	43.29	7.51	0.55	0.86	
CCE-P1908	Cycle1	655	5.15	34.32	27.12	9.81	3.18	0.06	0.024	43.71	7.51	0.55	0.86	
CCE-P1908	Cycle1	656	5.14	34.32	27.12	9.84	3.19	0.06	0.024	43.10	7.51	0.55	0.86	
CCE-P1908	Cycle1	657	5.14	34.32	27.12	9.83	3.19	0.06	0.024	43.58	7.51	0.55	0.86	
CCE-P1908	Cycle1	658	5.14	34.32	27.13	9.79	3.17	0.06	0.024	43.87	7.51	0.55	0.86	
CCE-P1908	Cycle1	659	5.13	34.32	27.13	9.78	3.17	0.07	0.024	43.61	7.51	0.55	0.86	
CCE-P1908	Cycle1	660	5.12	34.32	27.13	9.73	3.15	0.07	0.024	43.48	7.51	0.55	0.86	
CCE-P1908	Cycle1	661	5.11	34.32	27.13	9.74	3.15	0.06	0.024	44.00	7.51	0.55	0.86	
CCE-P1908	Cycle1	662	5.10	34.32	27.13	9.73	3.15	0.06	0.024	43.95	7.51	0.55	0.86	
CCE-P1908	Cycle1	663	5.10	34.32	27.13	9.69	3.14	0.06	0.023	44.04	7.51	0.55	0.86	
CCE-P1908	Cycle1	664	5.10	34.32	27.13	9.62	3.11	0.06	0.023	44.06	7.51	0.55	0.86	
CCE-P1908	Cycle1	665	5.09	34.32	27.13	9.63	3.12	0.07	0.023	44.39	7.51	0.55	0.86	
CCE-P1908	Cycle1	666	5.08	34.32	27.13	9.59	3.10	0.07	0.023	44.64	7.51	0.55	0.86	
CCE-P1908	Cycle1	667	5.08	34.32	27.13	9.60	3.11	0.06	0.023	44.36	7.51	0.55	0.86	
CCE-P1908	Cycle1	668	5.07	34.32	27.14	9.63	3.12	0.06	0.023	43.96	7.51	0.55	0.86	
CCE-P1908	Cycle1	669	5.07	34.32	27.14	9.62	3.11	0.06	0.023	43.81	7.51	0.55	0.86	
CCE-P1908	Cycle1	670	5.07	34.32	27.14	9.63	3.11	0.06	0.022	43.92	7.51	0.55	0.86	
CCE-P1908	Cycle1	671	5.06	34.32	27.14	9.62	3.11	0.07	0.022	44.14	7.51	0.55	0.86	
CCE-P1908	Cycle1	672	5.05	34.32	27.14	9.61	3.11	0.07	0.023	44.08	7.51	0.55	0.86	
CCE-P1908	Cycle1	673	5.05	34.33	27.14	9.56	3.09	0.07	0.023	43.78	7.51	0.55	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	674	5.05	34.33	27.14	9.58	3.10	0.06	0.023	43.54	7.51	0.55	0.86	
CCE-P1908	Cycle1	675	5.05	34.33	27.14	9.52	3.08	0.06	0.022	44.28	7.51	0.55	0.86	
CCE-P1908	Cycle1	676	5.04	34.33	27.14	9.51	3.08	0.06	0.024	43.73	7.51	0.55	0.86	
CCE-P1908	Cycle1	677	5.04	34.33	27.14	9.50	3.07	0.06	0.025	43.67	7.51	0.55	0.86	
CCE-P1908	Cycle1	678	5.03	34.33	27.14	9.51	3.08	0.07	0.023	43.54	7.51	0.55	0.86	
CCE-P1908	Cycle1	679	5.02	34.33	27.14	9.48	3.06	0.07	0.022	43.58	7.51	0.55	0.86	
CCE-P1908	Cycle1	680	5.02	34.33	27.15	9.47	3.06	0.07	0.022	43.69	7.51	0.55	0.86	
CCE-P1908	Cycle1	681	5.01	34.33	27.15	9.45	3.05	0.06	0.022	44.00	7.51	0.55	0.86	
CCE-P1908	Cycle1	682	5.01	34.33	27.15	9.43	3.05	0.06	0.022	44.02	7.51	0.54	0.86	
CCE-P1908	Cycle1	683	5.00	34.33	27.15	9.44	3.05	0.06	0.022	44.19	7.51	0.54	0.86	
CCE-P1908	Cycle1	684	5.00	34.33	27.15	9.42	3.04	0.07	0.022	44.06	7.51	0.54	0.86	
CCE-P1908	Cycle1	685	5.00	34.33	27.15	9.39	3.03	0.07	0.026	43.89	7.51	0.54	0.86	
CCE-P1908	Cycle1	686	4.99	34.33	27.15	9.38	3.03	0.07	0.022	44.03	7.51	0.54	0.86	
CCE-P1908	Cycle1	687	4.99	34.33	27.15	9.42	3.04	0.06	0.022	43.19	7.51	0.54	0.86	
CCE-P1908	Cycle1	688	4.99	34.33	27.15	9.44	3.05	0.06	0.022	43.21	7.51	0.54	0.86	
CCE-P1908	Cycle1	689	4.98	34.33	27.15	9.43	3.04	0.06	0.022	44.27	7.51	0.54	0.86	
CCE-P1908	Cycle1	690	4.98	34.33	27.16	9.38	3.03	0.06	0.022	43.73	7.50	0.54	0.86	
CCE-P1908	Cycle1	691	4.98	34.33	27.16	9.40	3.03	0.06	0.022	43.97	7.50	0.54	0.86	
CCE-P1908	Cycle1	692	4.97	34.34	27.16	9.42	3.04	0.07	0.022	43.89	7.50	0.54	0.86	
CCE-P1908	Cycle1	693	4.97	34.34	27.16	9.41	3.04	0.06	0.022	43.88	7.50	0.54	0.86	
CCE-P1908	Cycle1	694	4.97	34.34	27.16	9.38	3.03	0.06	0.021	44.09	7.50	0.54	0.86	
CCE-P1908	Cycle1	695	4.96	34.34	27.16	9.41	3.04	0.06	0.022	44.09	7.50	0.54	0.86	
CCE-P1908	Cycle1	696	4.95	34.34	27.16	9.39	3.03	0.06	0.022	44.22	7.50	0.54	0.86	
CCE-P1908	Cycle1	697	4.95	34.34	27.16	9.38	3.03	0.07	0.022	43.95	7.50	0.54	0.86	
CCE-P1908	Cycle1	698	4.95	34.34	27.16	9.37	3.02	0.07	0.022	44.34	7.50	0.54	0.86	
CCE-P1908	Cycle1	699	4.94	34.34	27.16	9.38	3.02	0.07	0.022	44.35	7.50	0.54	0.86	
CCE-P1908	Cycle1	700	4.94	34.34	27.16	9.40	3.03	0.06	0.022	44.24	7.50	0.54	0.86	
CCE-P1908	Cycle1	701	4.93	34.34	27.16	9.36	3.02	0.06	0.022	43.93	7.50	0.54	0.86	
CCE-P1908	Cycle1	702	4.92	34.34	27.17	9.35	3.01	0.06	0.021	43.85	7.50	0.54	0.86	
CCE-P1908	Cycle1	703	4.92	34.34	27.17	9.32	3.01	0.06	0.022	44.00	7.50	0.54	0.85	
CCE-P1908	Cycle1	704	4.91	34.34	27.17	9.33	3.01	0.07	0.021	43.72	7.50	0.54	0.85	
CCE-P1908	Cycle1	705	4.91	34.34	27.17	9.33	3.01	0.07	0.021	43.85	7.50	0.54	0.85	
CCE-P1908	Cycle1	706	4.91	34.34	27.17	9.33	3.01	0.06	0.021	43.96	7.50	0.54	0.85	
CCE-P1908	Cycle1	707	4.91	34.34	27.17	9.35	3.01	0.06	0.021	43.98	7.50	0.54	0.85	
CCE-P1908	Cycle1	708	4.90	34.34	27.17	9.35	3.01	0.06	0.021	44.16	7.50	0.54	0.85	
CCE-P1908	Cycle1	709	4.90	34.34	27.17	9.37	3.02	0.06	0.021	44.40	7.50	0.54	0.85	
CCE-P1908	Cycle1	710	4.89	34.34	27.17	9.34	3.01	0.07	0.021	44.25	7.50	0.54	0.85	
CCE-P1908	Cycle1	711	4.88	34.34	27.17	9.33	3.01	0.07	0.021	44.23	7.50	0.54	0.85	
CCE-P1908	Cycle1	712	4.88	34.34	27.17	9.32	3.00	0.07	0.021	44.19	7.50	0.54	0.85	
CCE-P1908	Cycle1	713	4.87	34.34	27.17	9.34	3.01	0.06	0.021	43.91	7.50	0.54	0.85	
CCE-P1908	Cycle1	714	4.86	34.34	27.18	9.32	3.00	0.06	0.021	44.21	7.50	0.54	0.85	
CCE-P1908	Cycle1	715	4.86	34.34	27.18	9.34	3.01	0.06	0.021	44.49	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	716	4.85	34.34	27.18	9.34	3.01	0.07	0.021	44.64	7.50	0.54	0.85	
CCE-P1908	Cycle1	717	4.85	34.34	27.18	9.35	3.01	0.07	0.021	44.69	7.50	0.54	0.85	
CCE-P1908	Cycle1	718	4.85	34.34	27.18	9.36	3.01	0.06	0.021	44.69	7.50	0.54	0.85	
CCE-P1908	Cycle1	719	4.84	34.34	27.18	9.35	3.01	0.06	0.021	44.62	7.50	0.54	0.85	
CCE-P1908	Cycle1	720	4.84	34.35	27.18	9.35	3.01	0.06	0.021	44.21	7.50	0.54	0.85	
CCE-P1908	Cycle1	721	4.83	34.35	27.18	9.36	3.01	0.06	0.021	44.14	7.50	0.54	0.85	
CCE-P1908	Cycle1	722	4.83	34.35	27.18	9.35	3.01	0.07	0.021	44.47	7.50	0.54	0.85	
CCE-P1908	Cycle1	723	4.83	34.35	27.18	9.36	3.01	0.07	0.021	44.14	7.50	0.54	0.85	
CCE-P1908	Cycle1	724	4.83	34.35	27.18	9.37	3.02	0.07	0.021	44.58	7.50	0.54	0.85	
CCE-P1908	Cycle1	725	4.82	34.35	27.18	9.38	3.02	0.06	0.021	44.84	7.50	0.54	0.85	
CCE-P1908	Cycle1	726	4.82	34.35	27.19	9.36	3.01	0.06	0.021	44.49	7.50	0.54	0.85	
CCE-P1908	Cycle1	727	4.82	34.35	27.19	9.37	3.01	0.06	0.022	43.94	7.50	0.54	0.85	
CCE-P1908	Cycle1	728	4.81	34.35	27.19	9.38	3.02	0.07	0.021	44.32	7.50	0.54	0.85	
CCE-P1908	Cycle1	729	4.81	34.35	27.19	9.39	3.02	0.07	0.021	44.33	7.50	0.54	0.85	
CCE-P1908	Cycle1	730	4.80	34.35	27.19	9.41	3.03	0.06	0.021	44.34	7.50	0.54	0.85	
CCE-P1908	Cycle1	731	4.80	34.35	27.19	9.42	3.03	0.06	0.021	44.58	7.50	0.54	0.85	
CCE-P1908	Cycle1	732	4.80	34.35	27.19	9.42	3.03	0.06	0.021	44.57	7.50	0.54	0.85	
CCE-P1908	Cycle1	733	4.79	34.35	27.19	9.44	3.04	0.06	0.021	44.82	7.50	0.54	0.85	
CCE-P1908	Cycle1	734	4.79	34.35	27.19	9.45	3.04	0.06	0.021	44.56	7.50	0.54	0.85	
CCE-P1908	Cycle1	735	4.78	34.35	27.19	9.46	3.04	0.07	0.021	44.26	7.50	0.54	0.85	
CCE-P1908	Cycle1	736	4.78	34.35	27.19	9.46	3.04	0.07	0.024	44.41	7.50	0.54	0.85	
CCE-P1908	Cycle1	737	4.77	34.35	27.20	9.46	3.04	0.07	0.021	44.56	7.50	0.54	0.85	
CCE-P1908	Cycle1	738	4.77	34.35	27.20	9.47	3.04	0.06	0.021	44.80	7.50	0.54	0.85	
CCE-P1908	Cycle1	739	4.77	34.36	27.20	9.48	3.04	0.06	0.021	44.81	7.50	0.54	0.85	
CCE-P1908	Cycle1	740	4.76	34.36	27.20	9.49	3.05	0.06	0.021	44.66	7.50	0.54	0.85	
CCE-P1908	Cycle1	741	4.76	34.36	27.20	9.48	3.04	0.07	0.021	44.37	7.50	0.54	0.85	
CCE-P1908	Cycle1	742	4.75	34.36	27.20	9.50	3.05	0.07	0.021	44.56	7.50	0.54	0.85	
CCE-P1908	Cycle1	743	4.75	34.36	27.20	9.49	3.05	0.06	0.021	44.38	7.50	0.54	0.85	
CCE-P1908	Cycle1	744	4.74	34.36	27.20	9.52	3.06	0.06	0.021	44.44	7.50	0.54	0.85	
CCE-P1908	Cycle1	745	4.74	34.36	27.20	9.54	3.06	0.06	0.023	44.38	7.50	0.54	0.85	
CCE-P1908	Cycle1	746	4.74	34.36	27.20	9.57	3.07	0.06	0.021	44.55	7.50	0.54	0.85	
CCE-P1908	Cycle1	747	4.73	34.36	27.20	9.59	3.08	0.07	0.021	44.27	7.50	0.54	0.85	
CCE-P1908	Cycle1	748	4.73	34.36	27.21	9.62	3.09	0.07	0.021	44.62	7.50	0.54	0.85	
CCE-P1908	Cycle1	749	4.72	34.36	27.21	9.63	3.09	0.06	0.021	44.93	7.50	0.54	0.85	
CCE-P1908	Cycle1	750	4.72	34.36	27.21	9.62	3.09	0.06	0.021	44.61	7.50	0.54	0.85	
CCE-P1908	Cycle1	751	4.71	34.36	27.21	9.62	3.09	0.06	0.021	44.73	7.50	0.54	0.85	
CCE-P1908	Cycle1	752	4.71	34.36	27.21	9.61	3.08	0.07	0.021	44.69	7.50	0.54	0.85	
CCE-P1908	Cycle1	753	4.71	34.36	27.21	9.66	3.10	0.07	0.021	44.24	7.50	0.54	0.85	
CCE-P1908	Cycle1	754	4.70	34.36	27.21	9.63	3.09	0.07	0.021	44.39	7.50	0.54	0.85	
CCE-P1908	Cycle1	755	4.70	34.36	27.21	9.65	3.10	0.06	0.021	45.20	7.50	0.54	0.85	
CCE-P1908	Cycle1	756	4.70	34.36	27.21	9.64	3.09	0.06	0.021	44.72	7.50	0.54	0.85	
CCE-P1908	Cycle1	757	4.69	34.36	27.21	9.69	3.11	0.06	0.021	44.28	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	758	4.69	34.36	27.21	9.68	3.10	0.06	0.021	44.44	7.50	0.54	0.85	
CCE-P1908	Cycle1	759	4.68	34.36	27.21	9.70	3.11	0.07	0.021	44.89	7.50	0.54	0.85	
CCE-P1908	Cycle1	760	4.68	34.36	27.21	9.73	3.12	0.07	0.020	44.49	7.50	0.54	0.85	
CCE-P1908	Cycle1	761	4.68	34.36	27.21	9.76	3.13	0.07	0.021	44.82	7.50	0.54	0.85	
CCE-P1908	Cycle1	762	4.68	34.36	27.21	9.75	3.13	0.06	0.022	44.40	7.50	0.54	0.85	
CCE-P1908	Cycle1	763	4.68	34.37	27.22	9.75	3.13	0.06	0.021	44.63	7.50	0.54	0.85	
CCE-P1908	Cycle1	764	4.67	34.37	27.22	9.77	3.13	0.06	0.021	44.82	7.50	0.54	0.85	
CCE-P1908	Cycle1	765	4.67	34.37	27.22	9.78	3.13	0.06	0.021	44.86	7.50	0.54	0.85	
CCE-P1908	Cycle1	766	4.67	34.37	27.22	9.81	3.14	0.07	0.021	45.09	7.50	0.54	0.85	
CCE-P1908	Cycle1	767	4.66	34.37	27.22	9.85	3.16	0.07	0.021	44.70	7.50	0.54	0.85	
CCE-P1908	Cycle1	768	4.66	34.37	27.22	9.83	3.15	0.07	0.021	44.64	7.50	0.54	0.85	
CCE-P1908	Cycle1	769	4.66	34.37	27.22	9.84	3.15	0.06	0.021	44.92	7.50	0.54	0.85	
CCE-P1908	Cycle1	770	4.65	34.37	27.22	9.83	3.15	0.06	0.021	45.02	7.50	0.54	0.85	
CCE-P1908	Cycle1	771	4.65	34.37	27.22	9.84	3.15	0.06	0.021	44.79	7.50	0.54	0.85	
CCE-P1908	Cycle1	772	4.65	34.37	27.22	9.89	3.17	0.07	0.021	43.97	7.50	0.54	0.85	
CCE-P1908	Cycle1	773	4.65	34.37	27.22	9.92	3.18	0.07	0.021	44.22	7.50	0.54	0.85	
CCE-P1908	Cycle1	774	4.64	34.37	27.22	9.95	3.19	0.06	0.021	44.76	7.50	0.54	0.85	
CCE-P1908	Cycle1	775	4.64	34.37	27.23	9.96	3.19	0.06	0.021	44.67	7.50	0.54	0.85	
CCE-P1908	Cycle1	776	4.63	34.37	27.23	9.98	3.20	0.06	0.021	44.92	7.50	0.54	0.85	
CCE-P1908	Cycle1	777	4.63	34.37	27.23	9.95	3.19	0.06	0.021	45.25	7.50	0.54	0.85	
CCE-P1908	Cycle1	778	4.62	34.37	27.23	9.98	3.20	0.07	0.021	45.72	7.50	0.54	0.85	
CCE-P1908	Cycle1	779	4.62	34.37	27.23	9.99	3.20	0.07	0.021	45.07	7.50	0.54	0.85	
CCE-P1908	Cycle1	780	4.61	34.37	27.23	10.05	3.22	0.06	0.021	44.73	7.50	0.54	0.85	
CCE-P1908	Cycle1	781	4.61	34.37	27.23	10.06	3.22	0.06	0.021	44.89	7.50	0.54	0.85	
CCE-P1908	Cycle1	782	4.61	34.37	27.23	10.04	3.21	0.06	0.021	45.13	7.50	0.54	0.85	
CCE-P1908	Cycle1	783	4.60	34.37	27.23	10.04	3.21	0.06	0.021	44.87	7.50	0.54	0.84	
CCE-P1908	Cycle1	784	4.60	34.38	27.23	10.07	3.22	0.06	0.020	44.82	7.50	0.54	0.84	
CCE-P1908	Cycle1	785	4.60	34.38	27.23	10.10	3.23	0.07	0.021	45.07	7.50	0.54	0.84	
CCE-P1908	Cycle1	786	4.59	34.38	27.23	10.14	3.24	0.07	0.021	44.83	7.50	0.54	0.84	
CCE-P1908	Cycle1	787	4.59	34.38	27.23	10.16	3.25	0.06	0.021	45.10	7.50	0.54	0.84	
CCE-P1908	Cycle1	788	4.58	34.38	27.24	10.17	3.25	0.06	0.021	45.17	7.50	0.54	0.84	
CCE-P1908	Cycle1	789	4.58	34.38	27.24	10.17	3.25	0.06	0.021	45.08	7.50	0.54	0.84	
CCE-P1908	Cycle1	790	4.58	34.38	27.24	10.16	3.25	0.06	0.021	44.97	7.50	0.54	0.84	
CCE-P1908	Cycle1	791	4.58	34.38	27.24	10.20	3.26	0.07	0.021	44.81	7.50	0.54	0.84	
CCE-P1908	Cycle1	792	4.58	34.38	27.24	10.21	3.26	0.07	0.021	44.51	7.50	0.54	0.84	
CCE-P1908	Cycle1	793	4.58	34.38	27.24	10.22	3.27	0.06	0.021	44.61	7.50	0.54	0.84	
CCE-P1908	Cycle1	794	4.57	34.38	27.24	10.23	3.27	0.06	0.021	44.55	7.50	0.54	0.84	
CCE-P1908	Cycle1	795	4.57	34.38	27.24	10.27	3.29	0.06	0.021	44.60	7.50	0.54	0.84	
CCE-P1908	Cycle1	796	4.56	34.38	27.24	10.29	3.29	0.06	0.021	44.46	7.50	0.54	0.84	
CCE-P1908	Cycle1	797	4.56	34.38	27.24	10.29	3.29	0.06	0.021	44.60	7.50	0.54	0.84	
CCE-P1908	Cycle1	798	4.56	34.38	27.24	10.32	3.30	0.07	0.021	44.54	7.50	0.54	0.84	
CCE-P1908	Cycle1	799	4.55	34.38	27.24	10.35	3.31	0.07	0.021	44.80	7.50	0.54	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	800	4.55	34.38	27.24	10.35	3.31	0.07	0.020	44.63	7.50	0.54	0.84	
CCE-P1908	Cycle1	801	4.55	34.38	27.24	10.42	3.33	0.06	0.020	44.46	7.50	0.54	0.84	
CCE-P1908	Cycle1	802	4.54	34.38	27.24	10.45	3.34	0.06	0.021	44.60	7.50	0.54	0.84	
CCE-P1908	Cycle1	803	4.54	34.38	27.25	10.47	3.35	0.07	0.021	44.97	7.50	0.54	0.84	
CCE-P1908	Cycle1	804	4.53	34.38	27.25	10.45	3.34	0.07	0.021	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle1	805	4.53	34.38	27.25	10.51	3.36	0.07	0.021	44.65	7.50	0.53	0.84	
CCE-P1908	Cycle1	806	4.53	34.38	27.25	10.49	3.35	0.06	0.021	44.70	7.50	0.53	0.84	
CCE-P1908	Cycle1	807	4.53	34.39	27.25	10.53	3.37	0.06	0.021	45.25	7.50	0.53	0.84	
CCE-P1908	Cycle1	808	4.52	34.39	27.25	10.54	3.37	0.06	0.021	45.26	7.50	0.53	0.84	
CCE-P1908	Cycle1	809	4.52	34.39	27.25	10.53	3.36	0.07	0.021	44.97	7.50	0.53	0.84	
CCE-P1908	Cycle1	810	4.52	34.39	27.25	10.52	3.36	0.07	0.021	45.21	7.50	0.53	0.84	
CCE-P1908	Cycle1	811	4.52	34.39	27.25	10.57	3.38	0.07	0.021	44.87	7.50	0.53	0.84	
CCE-P1908	Cycle1	812	4.51	34.39	27.25	10.62	3.39	0.06	0.021	45.08	7.50	0.53	0.84	
CCE-P1908	Cycle1	813	4.51	34.39	27.25	10.63	3.39	0.06	0.021	45.22	7.50	0.53	0.84	
CCE-P1908	Cycle1	814	4.50	34.39	27.25	10.70	3.42	0.06	0.021	44.90	7.50	0.53	0.84	
CCE-P1908	Cycle1	815	4.50	34.39	27.25	10.64	3.40	0.06	0.021	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle1	816	4.49	34.39	27.25	10.70	3.42	0.07	0.021	45.04	7.50	0.53	0.84	
CCE-P1908	Cycle1	817	4.49	34.39	27.26	10.75	3.43	0.07	0.021	45.45	7.50	0.53	0.84	
CCE-P1908	Cycle1	818	4.48	34.39	27.26	10.75	3.43	0.06	0.021	45.50	7.50	0.53	0.84	
CCE-P1908	Cycle1	819	4.48	34.39	27.26	10.83	3.45	0.06	0.021	45.43	7.50	0.53	0.84	
CCE-P1908	Cycle1	820	4.47	34.39	27.26	10.85	3.46	0.06	0.021	45.27	7.50	0.53	0.84	
CCE-P1908	Cycle1	821	4.47	34.39	27.26	10.82	3.45	0.06	0.021	44.77	7.50	0.53	0.84	
CCE-P1908	Cycle1	822	4.47	34.39	27.26	10.83	3.46	0.07	0.021	44.68	7.50	0.53	0.84	
CCE-P1908	Cycle1	823	4.46	34.39	27.26	10.90	3.48	0.07	0.022	44.84	7.50	0.53	0.84	
CCE-P1908	Cycle1	824	4.46	34.39	27.26	10.94	3.49	0.07	0.021	44.36	7.50	0.53	0.84	
CCE-P1908	Cycle1	825	4.46	34.39	27.26	10.92	3.48	0.06	0.022	45.30	7.50	0.53	0.84	
CCE-P1908	Cycle1	826	4.45	34.39	27.26	10.95	3.49	0.06	0.022	45.35	7.50	0.53	0.84	
CCE-P1908	Cycle1	827	4.45	34.39	27.26	11.02	3.52	0.06	0.022	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle1	828	4.44	34.39	27.26	10.97	3.50	0.06	0.021	45.25	7.50	0.53	0.84	
CCE-P1908	Cycle1	829	4.44	34.39	27.26	10.97	3.50	0.07	0.021	45.11	7.50	0.53	0.84	
CCE-P1908	Cycle1	830	4.44	34.39	27.27	10.98	3.50	0.07	0.021	45.02	7.50	0.53	0.84	
CCE-P1908	Cycle1	831	4.43	34.40	27.27	11.01	3.51	0.07	0.021	44.96	7.50	0.53	0.84	
CCE-P1908	Cycle1	832	4.43	34.40	27.27	11.05	3.52	0.06	0.022	45.09	7.50	0.53	0.84	
CCE-P1908	Cycle1	833	4.43	34.40	27.27	11.04	3.52	0.06	0.021	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle1	834	4.43	34.40	27.27	11.04	3.52	0.06	0.021	44.93	7.50	0.53	0.84	
CCE-P1908	Cycle1	835	4.42	34.40	27.27	11.05	3.52	0.06	0.021	44.78	7.50	0.53	0.84	
CCE-P1908	Cycle1	836	4.42	34.40	27.27	11.06	3.52	0.07	0.021	45.03	7.50	0.53	0.84	
CCE-P1908	Cycle1	837	4.42	34.40	27.27	11.08	3.53	0.07	0.021	45.03	7.50	0.53	0.84	
CCE-P1908	Cycle1	838	4.41	34.40	27.27	11.08	3.53	0.07	0.021	45.22	7.50	0.53	0.84	
CCE-P1908	Cycle1	839	4.41	34.40	27.27	11.14	3.55	0.06	0.021	45.28	7.50	0.53	0.84	
CCE-P1908	Cycle1	840	4.41	34.40	27.27	11.19	3.56	0.06	0.021	45.42	7.50	0.53	0.84	
CCE-P1908	Cycle1	841	4.40	34.40	27.27	11.17	3.56	0.06	0.021	45.06	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	842	4.40	34.40	27.27	11.18	3.56	0.06	0.021	45.00	7.50	0.53	0.84	
CCE-P1908	Cycle1	843	4.40	34.40	27.27	11.23	3.58	0.07	0.021	45.64	7.50	0.53	0.84	
CCE-P1908	Cycle1	844	4.39	34.40	27.27	11.24	3.58	0.07	0.021	44.80	7.50	0.53	0.84	
CCE-P1908	Cycle1	845	4.39	34.40	27.27	11.25	3.58	0.07	0.021	44.82	7.50	0.53	0.84	
CCE-P1908	Cycle1	846	4.39	34.40	27.28	11.30	3.60	0.06	0.021	45.34	7.50	0.53	0.84	
CCE-P1908	Cycle1	847	4.38	34.40	27.28	11.31	3.60	0.06	0.021	45.64	7.50	0.53	0.84	
CCE-P1908	Cycle1	848	4.38	34.40	27.28	11.37	3.62	0.06	0.021	45.92	7.50	0.53	0.84	
CCE-P1908	Cycle1	849	4.38	34.40	27.28	11.36	3.62	0.07	0.021	45.64	7.50	0.53	0.84	
CCE-P1908	Cycle1	850	4.37	34.40	27.28	11.34	3.61	0.07	0.021	45.46	7.50	0.53	0.84	
CCE-P1908	Cycle1	851	4.37	34.40	27.28	11.40	3.63	0.06	0.021	45.17	7.50	0.53	0.84	
CCE-P1908	Cycle1	852	4.36	34.40	27.28	11.47	3.65	0.06	0.021	44.88	7.50	0.53	0.84	
CCE-P1908	Cycle1	853	4.36	34.40	27.28	11.47	3.65	0.06	0.021	45.25	7.50	0.53	0.84	
CCE-P1908	Cycle1	854	4.36	34.40	27.28	11.48	3.65	0.06	0.022	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle1	855	4.35	34.40	27.28	11.50	3.66	0.06	0.022	45.21	7.50	0.53	0.84	
CCE-P1908	Cycle1	856	4.35	34.40	27.28	11.55	3.67	0.07	0.022	45.31	7.50	0.53	0.84	
CCE-P1908	Cycle1	857	4.35	34.40	27.28	11.55	3.67	0.07	0.022	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle1	858	4.35	34.40	27.28	11.56	3.68	0.07	0.022	44.96	7.50	0.53	0.84	
CCE-P1908	Cycle1	859	4.35	34.40	27.28	11.58	3.68	0.06	0.022	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle1	860	4.35	34.40	27.28	11.57	3.68	0.06	0.022	44.74	7.50	0.53	0.84	
CCE-P1908	Cycle1	861	4.35	34.40	27.28	11.56	3.68	0.06	0.022	45.42	7.50	0.53	0.84	
CCE-P1908	Cycle1	862	4.34	34.40	27.28	11.61	3.69	0.06	0.023	45.40	7.50	0.53	0.84	
CCE-P1908	Cycle1	863	4.34	34.41	27.28	11.67	3.71	0.07	0.023	44.69	7.50	0.53	0.84	
CCE-P1908	Cycle1	864	4.34	34.41	27.28	11.70	3.72	0.07	0.023	44.69	7.50	0.53	0.84	
CCE-P1908	Cycle1	865	4.34	34.41	27.29	11.74	3.73	0.06	0.023	45.05	7.50	0.53	0.84	
CCE-P1908	Cycle1	866	4.33	34.41	27.29	11.77	3.74	0.06	0.023	45.32	7.50	0.53	0.84	
CCE-P1908	Cycle1	867	4.33	34.41	27.29	11.79	3.75	0.06	0.023	45.28	7.50	0.53	0.84	
CCE-P1908	Cycle1	868	4.32	34.41	27.29	11.84	3.76	0.06	0.023	45.22	7.50	0.53	0.84	
CCE-P1908	Cycle1	869	4.32	34.41	27.29	11.86	3.77	0.07	0.023	45.10	7.50	0.53	0.84	
CCE-P1908	Cycle1	870	4.32	34.41	27.29	11.99	3.81	0.07	0.023	45.53	7.50	0.53	0.84	
CCE-P1908	Cycle1	871	4.31	34.41	27.29	11.99	3.81	0.07	0.024	45.66	7.50	0.53	0.84	
CCE-P1908	Cycle1	872	4.31	34.41	27.29	11.98	3.81	0.07	0.023	45.27	7.50	0.53	0.84	
CCE-P1908	Cycle1	873	4.31	34.41	27.29	12.06	3.83	0.06	0.023	45.36	7.50	0.53	0.84	
CCE-P1908	Cycle1	874	4.30	34.41	27.29	12.05	3.83	0.06	0.023	45.33	7.50	0.53	0.84	
CCE-P1908	Cycle1	875	4.30	34.41	27.29	12.15	3.86	0.06	0.023	45.26	7.50	0.53	0.84	
CCE-P1908	Cycle1	876	4.29	34.41	27.29	12.21	3.88	0.07	0.023	45.17	7.50	0.53	0.84	
CCE-P1908	Cycle1	877	4.29	34.41	27.29	12.19	3.87	0.07	0.023	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle1	878	4.29	34.41	27.30	12.21	3.88	0.06	0.023	45.19	7.50	0.53	0.83	
CCE-P1908	Cycle1	879	4.28	34.41	27.30	12.20	3.87	0.06	0.024	45.25	7.50	0.53	0.83	
CCE-P1908	Cycle1	880	4.28	34.41	27.30	12.27	3.90	0.06	0.023	45.34	7.50	0.53	0.83	
CCE-P1908	Cycle1	881	4.28	34.41	27.30	12.31	3.91	0.07	0.023	45.17	7.50	0.53	0.83	
CCE-P1908	Cycle1	882	4.28	34.41	27.30	12.31	3.91	0.07	0.023	45.31	7.50	0.53	0.83	
CCE-P1908	Cycle1	883	4.27	34.41	27.30	12.36	3.92	0.06	0.023	45.43	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	884	4.27	34.41	27.30	12.38	3.93	0.06	0.024	45.32	7.50	0.53	0.83	
CCE-P1908	Cycle1	885	4.27	34.41	27.30	12.35	3.92	0.06	0.024	44.93	7.50	0.53	0.83	
CCE-P1908	Cycle1	886	4.27	34.41	27.30	12.41	3.94	0.07	0.024	44.92	7.50	0.53	0.83	
CCE-P1908	Cycle1	887	4.26	34.42	27.30	12.47	3.96	0.07	0.024	44.89	7.50	0.53	0.83	
CCE-P1908	Cycle1	888	4.26	34.42	27.30	12.54	3.98	0.06	0.024	44.81	7.50	0.53	0.83	
CCE-P1908	Cycle1	889	4.25	34.42	27.30	12.61	4.00	0.06	0.024	44.84	7.50	0.53	0.83	
CCE-P1908	Cycle1	890	4.25	34.42	27.30	12.71	4.04	0.07	0.025	45.07	7.50	0.53	0.83	
CCE-P1908	Cycle1	891	4.24	34.42	27.31	12.84	4.08	0.07	0.025	45.27	7.50	0.53	0.83	
CCE-P1908	Cycle1	892	4.24	34.42	27.31	12.84	4.08	0.06	0.025	45.88	7.50	0.53	0.83	
CCE-P1908	Cycle1	893	4.23	34.42	27.31	12.81	4.06	0.06	0.025	45.93	7.50	0.53	0.83	
CCE-P1908	Cycle1	894	4.23	34.42	27.31	12.84	4.08	0.06	0.026	45.91	7.50	0.53	0.83	
CCE-P1908	Cycle1	895	4.23	34.42	27.31	12.88	4.09	0.07	0.026	45.43	7.50	0.53	0.83	
CCE-P1908	Cycle1	896	4.23	34.42	27.31	12.88	4.09	0.07	0.026	45.37	7.50	0.53	0.83	
CCE-P1908	Cycle1	897	4.22	34.42	27.31	12.88	4.09	0.06	0.025	45.08	7.50	0.53	0.83	
CCE-P1908	Cycle1	898	4.22	34.42	27.31	12.94	4.11	0.06	0.026	45.18	7.50	0.53	0.83	
CCE-P1908	Cycle1	899	4.22	34.42	27.31	13.00	4.12	0.06	0.026	45.64	7.50	0.53	0.83	
CCE-P1908	Cycle1	900	4.22	34.42	27.31	13.02	4.13	0.07	0.025	45.90	7.50	0.53	0.83	
CCE-P1908	Cycle1	901	4.22	34.42	27.31	13.03	4.13	0.07	0.026	45.58	7.50	0.53	0.83	
CCE-P1908	Cycle1	902	4.21	34.42	27.31	13.08	4.15	0.06	0.026	45.39	7.50	0.53	0.83	
CCE-P1908	Cycle1	903	4.21	34.42	27.31	13.17	4.18	0.06	0.026	45.06	7.50	0.53	0.83	
CCE-P1908	Cycle1	904	4.21	34.42	27.31	13.18	4.18	0.06	0.026	45.35	7.50	0.53	0.83	
CCE-P1908	Cycle1	905	4.20	34.42	27.31	13.23	4.19	0.07	0.026	45.27	7.50	0.53	0.83	
CCE-P1908	Cycle1	906	4.20	34.42	27.31	13.35	4.23	0.07	0.027	45.26	7.50	0.53	0.83	
CCE-P1908	Cycle1	907	4.19	34.42	27.31	13.34	4.23	0.06	0.027	45.40	7.50	0.53	0.83	
CCE-P1908	Cycle1	908	4.19	34.42	27.32	13.31	4.22	0.06	0.026	45.49	7.50	0.53	0.83	
CCE-P1908	Cycle1	909	4.19	34.42	27.32	13.41	4.25	0.07	0.026	45.61	7.50	0.53	0.83	
CCE-P1908	Cycle1	910	4.18	34.42	27.32	13.53	4.29	0.07	0.027	45.57	7.50	0.53	0.83	
CCE-P1908	Cycle1	911	4.18	34.43	27.32	13.55	4.30	0.07	0.026	45.69	7.50	0.53	0.83	
CCE-P1908	Cycle1	912	4.17	34.43	27.32	13.56	4.30	0.06	0.026	45.61	7.50	0.53	0.83	
CCE-P1908	Cycle1	913	4.17	34.43	27.32	13.56	4.30	0.06	0.026	45.42	7.50	0.53	0.83	
CCE-P1908	Cycle1	914	4.17	34.43	27.32	13.60	4.31	0.07	0.027	45.13	7.50	0.53	0.83	
CCE-P1908	Cycle1	915	4.16	34.43	27.32	13.71	4.34	0.07	0.026	45.20	7.50	0.53	0.83	
CCE-P1908	Cycle1	916	4.16	34.43	27.32	13.80	4.37	0.06	0.027	44.94	7.50	0.53	0.83	
CCE-P1908	Cycle1	917	4.16	34.43	27.32	13.89	4.40	0.06	0.028	45.24	7.50	0.53	0.83	
CCE-P1908	Cycle1	918	4.15	34.43	27.32	13.86	4.39	0.06	0.028	45.59	7.50	0.53	0.83	
CCE-P1908	Cycle1	919	4.15	34.43	27.32	13.86	4.39	0.07	0.027	45.47	7.50	0.53	0.83	
CCE-P1908	Cycle1	920	4.15	34.43	27.32	13.93	4.41	0.06	0.027	45.13	7.50	0.53	0.83	
CCE-P1908	Cycle1	921	4.14	34.43	27.32	14.03	4.44	0.06	0.026	45.09	7.51	0.53	0.83	
CCE-P1908	Cycle1	922	4.14	34.43	27.32	14.05	4.45	0.06	0.027	44.90	7.51	0.53	0.83	
CCE-P1908	Cycle1	923	4.14	34.43	27.33	14.05	4.45	0.07	0.026	45.38	7.51	0.53	0.83	
CCE-P1908	Cycle1	924	4.14	34.43	27.33	14.13	4.47	0.07	0.027	45.52	7.51	0.53	0.83	
CCE-P1908	Cycle1	925	4.13	34.43	27.33	14.15	4.48	0.07	0.026	45.23	7.51	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	926	4.13	34.43	27.33	14.13	4.47	0.06	0.026	45.20	7.51	0.53	0.83	
CCE-P1908	Cycle1	927	4.13	34.43	27.33	14.17	4.48	0.06	0.026	45.21	7.51	0.53	0.83	
CCE-P1908	Cycle1	928	4.12	34.43	27.33	14.20	4.49	0.06	0.029	45.37	7.51	0.53	0.83	
CCE-P1908	Cycle1	929	4.12	34.43	27.33	14.25	4.51	0.07	0.026	45.51	7.51	0.53	0.83	
CCE-P1908	Cycle1	930	4.12	34.43	27.33	14.28	4.52	0.07	0.026	45.71	7.51	0.53	0.83	
CCE-P1908	Cycle1	931	4.12	34.43	27.33	14.32	4.53	0.06	0.026	45.41	7.51	0.53	0.83	
CCE-P1908	Cycle1	932	4.11	34.43	27.33	14.36	4.54	0.06	0.026	45.35	7.51	0.53	0.83	
CCE-P1908	Cycle1	933	4.11	34.43	27.33	14.41	4.56	0.06	0.027	45.53	7.51	0.53	0.83	
CCE-P1908	Cycle1	934	4.11	34.43	27.33	14.47	4.58	0.07	0.026	45.54	7.51	0.53	0.83	
CCE-P1908	Cycle1	935	4.11	34.43	27.33	14.48	4.58	0.07	0.026	45.77	7.51	0.53	0.83	
CCE-P1908	Cycle1	936	4.10	34.43	27.33	14.48	4.58	0.06	0.027	45.60	7.51	0.53	0.83	
CCE-P1908	Cycle1	937	4.10	34.43	27.33	14.59	4.62	0.06	0.026	45.75	7.51	0.53	0.83	
CCE-P1908	Cycle1	938	4.10	34.43	27.33	14.64	4.63	0.06	0.026	45.58	7.51	0.53	0.83	
CCE-P1908	Cycle1	939	4.09	34.43	27.33	14.75	4.67	0.07	0.027	45.56	7.51	0.52	0.83	
CCE-P1908	Cycle1	940	4.09	34.44	27.33	14.87	4.70	0.07	0.026	45.19	7.51	0.52	0.83	
CCE-P1908	Cycle1	941	4.09	34.44	27.34	14.88	4.70	0.06	0.026	45.10	7.51	0.52	0.83	
CCE-P1908	Cycle1	942	4.08	34.44	27.34	14.90	4.71	0.06	0.026	45.06	7.51	0.52	0.83	
CCE-P1908	Cycle1	943	4.08	34.44	27.34	14.91	4.71	0.07	0.026	45.57	7.51	0.52	0.83	
CCE-P1908	Cycle1	944	4.08	34.44	27.34	15.00	4.74	0.07	0.026	45.82	7.51	0.52	0.83	
CCE-P1908	Cycle1	945	4.07	34.44	27.34	15.02	4.75	0.07	0.026	45.64	7.51	0.52	0.83	
CCE-P1908	Cycle1	946	4.07	34.44	27.34	15.09	4.77	0.06	0.026	45.66	7.51	0.52	0.83	
CCE-P1908	Cycle1	947	4.07	34.44	27.34	15.10	4.77	0.06	0.026	45.13	7.51	0.52	0.83	
CCE-P1908	Cycle1	948	4.07	34.44	27.34	15.19	4.80	0.07	0.025	45.32	7.51	0.52	0.83	
CCE-P1908	Cycle1	949	4.06	34.44	27.34	15.24	4.82	0.07	0.025	45.47	7.51	0.52	0.83	
CCE-P1908	Cycle1	950	4.06	34.44	27.34	15.31	4.84	0.06	0.025	45.64	7.51	0.52	0.83	
CCE-P1908	Cycle1	951	4.06	34.44	27.34	15.42	4.87	0.06	0.025	45.47	7.51	0.52	0.83	
CCE-P1908	Cycle1	952	4.06	34.44	27.34	15.48	4.89	0.07	0.024	45.80	7.51	0.52	0.83	
CCE-P1908	Cycle1	953	4.05	34.44	27.34	15.52	4.90	0.07	0.025	45.87	7.51	0.52	0.83	
CCE-P1908	Cycle1	954	4.05	34.44	27.34	15.63	4.94	0.06	0.024	45.71	7.51	0.52	0.83	
CCE-P1908	Cycle1	955	4.05	34.44	27.34	15.64	4.94	0.06	0.024	45.29	7.51	0.52	0.83	
CCE-P1908	Cycle1	956	4.05	34.44	27.34	15.73	4.97	0.06	0.024	45.54	7.51	0.52	0.83	
CCE-P1908	Cycle1	957	4.03	34.44	27.35	15.87	5.01	0.07	0.025	45.12	7.51	0.52	0.83	
CCE-P1908	Cycle1	958	4.03	34.44	27.35	15.88	5.01	0.07	0.024	45.46	7.51	0.52	0.83	
CCE-P1908	Cycle1	959	4.03	34.44	27.35	15.96	5.04	0.06	0.024	45.81	7.51	0.52	0.83	
CCE-P1908	Cycle1	960	4.02	34.44	27.35	16.02	5.06	0.06	0.024	45.73	7.51	0.52	0.83	
CCE-P1908	Cycle1	961	4.02	34.44	27.35	16.05	5.07	0.06	0.024	45.70	7.51	0.52	0.83	
CCE-P1908	Cycle1	962	4.02	34.44	27.35	16.10	5.08	0.07	0.024	45.97	7.51	0.52	0.83	
CCE-P1908	Cycle1	963	4.02	34.44	27.35	16.13	5.09	0.06	0.024	45.50	7.51	0.52	0.83	
CCE-P1908	Cycle1	964	4.02	34.44	27.35	16.13	5.09	0.06	0.025	45.20	7.51	0.52	0.83	
CCE-P1908	Cycle1	965	4.02	34.44	27.35	16.19	5.11	0.06	0.024	45.79	7.51	0.52	0.83	
CCE-P1908	Cycle1	966	4.01	34.44	27.35	16.25	5.13	0.07	0.024	45.44	7.51	0.52	0.83	
CCE-P1908	Cycle1	967	4.01	34.44	27.35	16.23	5.12	0.06	0.024	45.28	7.51	0.52	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle1	968	4.01	34.44	27.35	16.27	5.14	0.06	0.024	45.19	7.51	0.52	0.83	
CCE-P1908	Cycle1	969	4.01	34.44	27.35	16.37	5.17	0.07	0.025	45.27	7.51	0.52	0.83	
CCE-P1908	Cycle1	970	4.00	34.44	27.35	16.41	5.18	0.06	0.025	45.26	7.51	0.52	0.83	
CCE-P1908	Cycle1	971	4.00	34.44	27.35	16.46	5.19	0.07	0.025	45.20	7.51	0.52	0.83	
CCE-P1908	Cycle1	972	4.00	34.45	27.35	16.54	5.22	0.06	0.026	45.53	7.51	0.52	0.82	
CCE-P1908	Cycle1	973	4.00	34.45	27.35	16.59	5.23	0.07	0.025	45.68	7.51	0.52	0.82	
CCE-P1908	Cycle1	974	4.00	34.45	27.35	16.58	5.23	0.06	0.027	45.40	7.51	0.52	0.82	
CCE-P1908	Cycle1	975	3.98	34.45	27.36	16.71	5.27	0.06	0.021	45.66	7.51	0.52	0.82	
CCE-P1908	Cycle1	976	3.97	34.45	27.36	16.73	5.28	0.06	0.021	45.43	7.51	0.52	0.82	
CCE-P1908	Cycle1	977	3.97	34.45	27.36	16.83	5.31	0.06	0.021	45.60	7.51	0.52	0.82	
CCE-P1908	Cycle1	978	3.97	34.45	27.36	16.91	5.33	0.06	0.021	45.93	7.51	0.52	0.82	
CCE-P1908	Cycle1	979	3.97	34.45	27.36	16.84	5.31	0.06	0.021	45.41	7.51	0.52	0.82	
CCE-P1908	Cycle1	980	3.97	34.45	27.36	16.86	5.31	0.06	0.020	45.65	7.51	0.52	0.82	
CCE-P1908	Cycle1	981	3.95	34.45	27.36	16.87	5.32	0.06	0.020	45.21	7.51	0.52	0.82	
CCE-P1908	Cycle1	982	3.95	34.45	27.36	16.93	5.34	0.06	0.020	45.44	7.51	0.52	0.82	
CCE-P1908	Cycle1	983	3.95	34.45	27.36	16.96	5.35	0.06	0.020	45.54	7.51	0.52	0.82	
CCE-P1908	Cycle1	984	3.95	34.45	27.36	16.94	5.34	0.06	0.020	45.59	7.51	0.52	0.82	
CCE-P1908	Cycle1	985	3.95	34.45	27.36	16.96	5.35	0.06	0.020	45.67	7.51	0.52	0.82	
CCE-P1908	Cycle1	986	3.95	34.45	27.36	17.07	5.38	0.06	0.020	46.04	7.51	0.52	0.82	
CCE-P1908	Cycle1	987	3.94	34.45	27.36	17.14	5.40	0.06	0.020	46.30	7.51	0.52	0.82	
CCE-P1908	Cycle1	988	3.94	34.45	27.36	17.15	5.40	0.06	0.020	45.57	7.51	0.52	0.82	
CCE-P1908	Cycle1	989	3.94	34.45	27.36	17.22	5.43	0.06	0.020	45.25	7.51	0.52	0.82	
CCE-P1908	Cycle1	990	3.94	34.45	27.36	17.27	5.44	0.06	0.020	44.87	7.51	0.52	0.82	
CCE-P1908	Cycle1	991	3.94	34.45	27.36	17.28	5.44	0.06	0.020	45.51	7.51	0.52	0.82	
CCE-P1908	Cycle1	992	3.94	34.45	27.36	17.34	5.46	0.06	0.020	45.74	7.51	0.52	0.82	
CCE-P1908	Cycle1	993	3.93	34.45	27.36	17.36	5.47	0.06	0.020	45.33	7.51	0.52	0.82	
CCE-P1908	Cycle1	994	3.93	34.45	27.36	17.37	5.47	0.06	0.019	45.44	7.51	0.52	0.82	
CCE-P1908	Cycle1	995	3.90	34.45	27.37	17.10	5.38	0.06	0.019	45.42	7.51	0.52	0.82	
CCE-P1908	Cycle1	996	3.91	34.45	27.37	18.01	5.67	0.06	0.019		7.51	0.52	0.82	
CCE-P1908	Cycle1	997	3.91	34.45	27.37	17.94	5.65	0.06	0.019		7.51	0.52	0.82	
CCE-P1908	Cycle1	998	3.91	34.45	27.37	17.85	5.62	0.06	0.019		7.51	0.52	0.82	
CCE-P1908	Cycle1	999	3.91	34.45	27.37	17.84	5.62	0.06	0.019		7.51	0.52	0.82	
CCE-P1908	Cycle1	1000	3.90	34.45	27.37	18.10	5.70	0.06	0.019		7.51	0.52	0.82	
CCE-P1908	Cycle2	1	15.33	33.61	24.83	285.65	115.04	0.14	0.306		8.09	2.53	3.94	
CCE-P1908	Cycle2	2	15.78	33.59	24.71	285.45	115.93	0.23	0.310	2.33	8.10	2.61	4.06	
CCE-P1908	Cycle2	3	15.61	33.60	24.76	286.12	115.83	0.28	0.317	3.33	8.10	2.58	4.02	
CCE-P1908	Cycle2	4	15.57	33.60	24.76	287.27	116.19	0.28	0.313	3.08	8.10	2.58	4.02	
CCE-P1908	Cycle2	5	15.68	33.60	24.74	287.52	116.53	0.27	0.312	3.04	8.10	2.60	4.06	
CCE-P1908	Cycle2	6	15.64	33.60	24.75	288.21	116.72	0.26	0.302	2.90	8.10	2.60	4.05	
CCE-P1908	Cycle2	7	15.55	33.60	24.77	286.51	115.84	0.29	0.305	3.02	8.10	2.57	4.01	
CCE-P1908	Cycle2	8	15.36	33.60	24.81	285.02	114.83	0.30	0.308	3.01	8.09	2.53	3.94	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	9	15.18	33.61	24.85	282.56	113.48	0.32	0.314	3.24	8.08	2.48	3.87	
CCE-P1908	Cycle2	10	15.01	33.61	24.89	279.61	111.92	0.35	0.326	3.50	8.07	2.43	3.79	
CCE-P1908	Cycle2	11	14.82	33.61	24.93	278.59	111.11	0.40	0.338	3.85	8.07	2.40	3.74	
CCE-P1908	Cycle2	12	14.62	33.61	24.98	276.33	109.79	0.42	0.347	4.04	8.06	2.35	3.66	
CCE-P1908	Cycle2	13	14.44	33.62	25.02	275.81	109.21	0.45	0.350	4.20	8.06	2.31	3.61	
CCE-P1908	Cycle2	14	14.24	33.63	25.07	275.25	108.54	0.45	0.361	4.61	8.05	2.27	3.55	
CCE-P1908	Cycle2	15	14.03	33.63	25.12	272.87	107.16	0.46	0.351	4.88	8.04	2.22	3.47	
CCE-P1908	Cycle2	16	13.92	33.63	25.14	269.59	105.65	0.48	0.354	5.59	8.04	2.19	3.42	
CCE-P1908	Cycle2	17	13.80	33.64	25.17	264.54	103.46	0.50	0.358	5.62	8.03	2.14	3.34	
CCE-P1908	Cycle2	18	13.65	33.65	25.21	259.43	101.19	0.46	0.356	5.68	8.01	2.09	3.26	
CCE-P1908	Cycle2	19	13.50	33.65	25.24	254.28	98.90	0.44	0.353	6.49	8.00	2.04	3.18	
CCE-P1908	Cycle2	20	13.35	33.65	25.27	250.25	97.05	0.45	0.347	6.45	7.99	1.99	3.11	
CCE-P1908	Cycle2	21	13.20	33.65	25.30	244.14	94.41	0.43	0.341	7.14	7.98	1.93	3.03	
CCE-P1908	Cycle2	22	13.05	33.65	25.33	239.16	92.21	0.40	0.328	7.96	7.97	1.89	2.95	
CCE-P1908	Cycle2	23	12.92	33.64	25.35	237.65	91.41	0.34	0.316	8.50	7.96	1.86	2.91	
CCE-P1908	Cycle2	24	12.76	33.65	25.39	233.73	89.62	0.30	0.278	9.64	7.95	1.82	2.84	
CCE-P1908	Cycle2	25	12.68	33.66	25.41	229.72	87.95	0.30	0.260	10.07	7.95	1.78	2.79	
CCE-P1908	Cycle2	26	12.56	33.67	25.45	226.77	86.62	0.27	0.253	10.50	7.94	1.75	2.74	
CCE-P1908	Cycle2	27	12.49	33.68	25.46	223.25	85.14	0.24	0.240	10.60	7.93	1.72	2.70	
CCE-P1908	Cycle2	28	12.40	33.68	25.48	220.21	83.82	0.22	0.226	10.88	7.92	1.70	2.66	
CCE-P1908	Cycle2	29	12.33	33.67	25.49	216.98	82.45	0.19	0.212	11.26	7.92	1.67	2.62	
CCE-P1908	Cycle2	30	12.22	33.67	25.52	213.00	80.74	0.17	0.195	11.64	7.91	1.64	2.57	
CCE-P1908	Cycle2	31	12.08	33.67	25.54	208.94	78.93	0.16	0.182	12.25	7.90	1.60	2.51	
CCE-P1908	Cycle2	32	11.92	33.66	25.56	204.59	76.99	0.14	0.172	12.76	7.89	1.56	2.45	
CCE-P1908	Cycle2	33	11.81	33.66	25.58	199.99	75.06	0.13	0.158	13.47	7.88	1.53	2.39	
CCE-P1908	Cycle2	34	11.71	33.66	25.60	195.90	73.35	0.13	0.149	14.13	7.87	1.50	2.34	
CCE-P1908	Cycle2	35	11.61	33.66	25.62	192.18	71.79	0.13	0.140	14.55	7.86	1.47	2.30	
CCE-P1908	Cycle2	36	11.52	33.66	25.64	188.28	70.22	0.13	0.136	14.95	7.86	1.44	2.26	
CCE-P1908	Cycle2	37	11.44	33.67	25.66	184.23	68.58	0.12	0.131	15.58	7.85	1.41	2.22	
CCE-P1908	Cycle2	38	11.35	33.66	25.67	180.38	67.00	0.12	0.126	16.25	7.84	1.39	2.17	
CCE-P1908	Cycle2	39	11.29	33.67	25.68	177.60	65.89	0.11	0.117	16.76	7.84	1.37	2.15	
CCE-P1908	Cycle2	40	11.22	33.67	25.70	174.85	64.77	0.10	0.110	17.76	7.83	1.35	2.12	
CCE-P1908	Cycle2	41	11.16	33.68	25.72	172.62	63.87	0.10	0.105	18.17	7.83	1.33	2.09	
CCE-P1908	Cycle2	42	11.11	33.68	25.73	169.62	62.69	0.09	0.100	18.65	7.82	1.31	2.06	
CCE-P1908	Cycle2	43	11.06	33.68	25.74	167.37	61.78	0.10	0.097	19.07	7.82	1.30	2.04	
CCE-P1908	Cycle2	44	11.01	33.69	25.75	165.56	61.04	0.09	0.094	19.42	7.81	1.29	2.02	
CCE-P1908	Cycle2	45	10.93	33.69	25.76	162.89	59.96	0.09	0.092	19.65	7.81	1.27	1.99	
CCE-P1908	Cycle2	46	10.87	33.69	25.78	160.07	58.83	0.08	0.089	19.73	7.80	1.25	1.96	
CCE-P1908	Cycle2	47	10.81	33.69	25.79	158.48	58.18	0.08	0.086	20.02	7.80	1.24	1.95	
CCE-P1908	Cycle2	48	10.77	33.69	25.80	156.58	57.43	0.08	0.084	20.29	7.79	1.23	1.93	
CCE-P1908	Cycle2	49	10.70	33.69	25.81	154.61	56.62	0.08	0.083	20.76	7.79	1.21	1.90	
CCE-P1908	Cycle2	50	10.65	33.70	25.82	153.07	56.00	0.08	0.077	21.28	7.79	1.20	1.89	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	51	10.60	33.70	25.83	151.79	55.47	0.08	0.076	21.70	7.78	1.19	1.87	
CCE-P1908	Cycle2	52	10.55	33.70	25.84	149.61	54.61	0.07	0.073	21.36	7.78	1.18	1.85	
CCE-P1908	Cycle2	53	10.48	33.71	25.86	147.43	53.73	0.07	0.074	21.86	7.77	1.16	1.83	
CCE-P1908	Cycle2	54	10.47	33.71	25.86	148.20	54.00	0.07	0.072	22.06	7.78	1.16	1.83	
CCE-P1908	Cycle2	55	10.42	33.71	25.87	147.34	53.62	0.07	0.072	22.49	7.77	1.16	1.82	
CCE-P1908	Cycle2	56	10.37	33.71	25.88	145.96	53.06	0.07	0.069	22.50	7.77	1.15	1.80	
CCE-P1908	Cycle2	57	10.33	33.71	25.89	144.33	52.43	0.07	0.068	22.76	7.77	1.14	1.79	
CCE-P1908	Cycle2	58	10.30	33.72	25.90	142.80	51.83	0.07	0.068	22.96	7.76	1.13	1.77	
CCE-P1908	Cycle2	59	10.26	33.72	25.91	140.76	51.05	0.07	0.065	22.96	7.76	1.12	1.76	
CCE-P1908	Cycle2	60	10.23	33.73	25.92	139.33	50.50	0.07	0.066	23.34	7.76	1.11	1.74	
CCE-P1908	Cycle2	61	10.20	33.73	25.93	138.41	50.14	0.07	0.064	23.25	7.76	1.10	1.74	
CCE-P1908	Cycle2	62	10.18	33.74	25.94	137.23	49.69	0.07	0.062	23.50	7.75	1.10	1.73	
CCE-P1908	Cycle2	63	10.15	33.74	25.94	136.03	49.23	0.07	0.062	23.59	7.75	1.09	1.72	
CCE-P1908	Cycle2	64	10.13	33.75	25.95	134.72	48.74	0.07	0.060	23.83	7.75	1.08	1.71	
CCE-P1908	Cycle2	65	10.11	33.75	25.96	133.47	48.26	0.07	0.060	23.99	7.75	1.08	1.70	
CCE-P1908	Cycle2	66	10.11	33.76	25.96	132.01	47.74	0.07	0.060	23.90	7.74	1.07	1.69	
CCE-P1908	Cycle2	67	10.00	33.77	25.99	130.60	47.12	0.07	0.060	23.92	7.74	1.06	1.67	
CCE-P1908	Cycle2	68	10.00	33.78	26.00	129.62	46.77	0.07	0.059	24.13	7.74	1.06	1.66	
CCE-P1908	Cycle2	69	9.98	33.78	26.00	128.54	46.36	0.07	0.058	24.38	7.74	1.05	1.65	
CCE-P1908	Cycle2	70	9.97	33.79	26.01	127.29	45.90	0.07	0.059	24.75	7.74	1.04	1.64	
CCE-P1908	Cycle2	71	9.96	33.79	26.02	125.57	45.27	0.07	0.057	24.71	7.73	1.04	1.63	
CCE-P1908	Cycle2	72	9.95	33.80	26.03	123.80	44.62	0.07	0.058	24.46	7.73	1.03	1.62	
CCE-P1908	Cycle2	73	9.93	33.81	26.04	122.52	44.15	0.07	0.062	25.15	7.73	1.03	1.61	
CCE-P1908	Cycle2	74	9.92	33.82	26.04	121.59	43.81	0.06	0.058	24.96	7.73	1.02	1.61	
CCE-P1908	Cycle2	75	9.90	33.82	26.05	120.73	43.48	0.07	0.059	24.97	7.72	1.02	1.60	
CCE-P1908	Cycle2	76	9.89	33.83	26.06	119.97	43.20	0.06	0.060	25.09	7.72	1.01	1.59	
CCE-P1908	Cycle2	77	9.87	33.83	26.06	119.29	42.94	0.07	0.061	25.28	7.72	1.01	1.59	
CCE-P1908	Cycle2	78	9.85	33.84	26.07	118.97	42.80	0.06	0.058	25.43	7.72	1.01	1.58	
CCE-P1908	Cycle2	79	9.83	33.84	26.08	118.59	42.64	0.06	0.058	25.60	7.72	1.00	1.58	
CCE-P1908	Cycle2	80	9.81	33.84	26.08	118.34	42.54	0.06	0.058	25.58	7.72	1.00	1.58	
CCE-P1908	Cycle2	81	9.79	33.85	26.09	118.02	42.41	0.06	0.057	25.69	7.72	1.00	1.57	
CCE-P1908	Cycle2	82	9.77	33.85	26.09	117.86	42.33	0.06	0.058	25.90	7.72	1.00	1.57	
CCE-P1908	Cycle2	83	9.73	33.85	26.10	117.92	42.32	0.07	0.058	26.01	7.72	0.99	1.56	
CCE-P1908	Cycle2	84	9.70	33.85	26.11	117.68	42.21	0.07	0.058	26.05	7.72	0.99	1.56	
CCE-P1908	Cycle2	85	9.68	33.86	26.11	117.50	42.12	0.07	0.056	26.26	7.72	0.99	1.55	
CCE-P1908	Cycle2	86	9.65	33.86	26.12	117.33	42.04	0.06	0.058	26.19	7.72	0.99	1.55	
CCE-P1908	Cycle2	87	9.62	33.86	26.13	117.20	41.97	0.06	0.057	26.29	7.71	0.98	1.55	
CCE-P1908	Cycle2	88	9.60	33.86	26.13	116.83	41.81	0.06	0.056	26.51	7.71	0.98	1.54	
CCE-P1908	Cycle2	89	9.57	33.87	26.14	116.28	41.59	0.06	0.055	26.41	7.71	0.98	1.54	
CCE-P1908	Cycle2	90	9.55	33.87	26.15	115.85	41.42	0.06	0.054	26.43	7.71	0.97	1.53	
CCE-P1908	Cycle2	91	9.53	33.88	26.15	115.51	41.28	0.06	0.053	26.62	7.71	0.97	1.53	
CCE-P1908	Cycle2	92	9.50	33.88	26.16	115.24	41.16	0.06	0.054	26.59	7.71	0.97	1.52	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	93	9.49	33.88	26.17	114.85	41.01	0.06	0.056	26.93	7.71	0.96	1.52	
CCE-P1908	Cycle2	94	9.47	33.89	26.17	114.40	40.83	0.06	0.054	26.84	7.71	0.96	1.51	
CCE-P1908	Cycle2	95	9.45	33.89	26.18	114.27	40.77	0.06	0.053	26.47	7.71	0.96	1.51	
CCE-P1908	Cycle2	96	9.43	33.89	26.19	113.79	40.58	0.06	0.053	26.99	7.71	0.96	1.51	
CCE-P1908	Cycle2	97	9.41	33.90	26.19	113.45	40.44	0.06	0.053	27.25	7.71	0.95	1.50	
CCE-P1908	Cycle2	98	9.39	33.90	26.20	113.03	40.28	0.06	0.051	26.97	7.71	0.95	1.50	
CCE-P1908	Cycle2	99	9.37	33.91	26.20	112.64	40.12	0.06	0.052	27.00	7.70	0.95	1.49	
CCE-P1908	Cycle2	100	9.35	33.91	26.21	112.30	39.98	0.06	0.051	27.25	7.70	0.95	1.49	
CCE-P1908	Cycle2	101	9.33	33.91	26.22	112.13	39.91	0.06	0.051	27.56	7.70	0.94	1.49	
CCE-P1908	Cycle2	102	9.31	33.92	26.22	111.81	39.78	0.06	0.050	27.30	7.70	0.94	1.48	
CCE-P1908	Cycle2	103	9.30	33.92	26.23	111.64	39.71	0.06	0.051	27.21	7.70	0.94	1.48	
CCE-P1908	Cycle2	104	9.28	33.92	26.23	111.50	39.64	0.06	0.050	27.78	7.70	0.94	1.48	
CCE-P1908	Cycle2	105	9.27	33.92	26.23	111.46	39.62	0.06	0.051	27.71	7.70	0.94	1.48	
CCE-P1908	Cycle2	106	9.26	33.93	26.24	111.18	39.51	0.06	0.049	27.48	7.70	0.93	1.47	
CCE-P1908	Cycle2	107	9.24	33.93	26.24	110.94	39.41	0.06	0.050	27.57	7.70	0.93	1.47	
CCE-P1908	Cycle2	108	9.22	33.93	26.25	110.81	39.35	0.06	0.050	27.76	7.70	0.93	1.47	
CCE-P1908	Cycle2	109	9.21	33.93	26.25	110.61	39.26	0.06	0.051	27.83	7.70	0.93	1.46	
CCE-P1908	Cycle2	110	9.19	33.93	26.25	110.41	39.18	0.06	0.050	27.95	7.70	0.93	1.46	
CCE-P1908	Cycle2	111	9.17	33.94	26.26	110.29	39.12	0.06	0.050	27.83	7.70	0.93	1.46	
CCE-P1908	Cycle2	112	9.15	33.94	26.27	110.50	39.18	0.06	0.050	27.92	7.70	0.92	1.46	
CCE-P1908	Cycle2	113	9.13	33.94	26.27	110.96	39.33	0.06	0.051	28.25	7.70	0.92	1.46	
CCE-P1908	Cycle2	114	9.11	33.94	26.27	111.23	39.40	0.06	0.050	28.09	7.70	0.92	1.45	
CCE-P1908	Cycle2	115	9.09	33.94	26.28	111.48	39.47	0.06	0.049	27.95	7.70	0.92	1.45	
CCE-P1908	Cycle2	116	9.07	33.95	26.28	111.69	39.52	0.06	0.049	28.37	7.70	0.92	1.45	
CCE-P1908	Cycle2	117	9.05	33.95	26.29	111.69	39.51	0.06	0.049	28.20	7.70	0.92	1.45	
CCE-P1908	Cycle2	118	9.04	33.95	26.29	111.72	39.51	0.06	0.048	28.21	7.70	0.92	1.45	
CCE-P1908	Cycle2	119	9.02	33.95	26.30	111.83	39.54	0.06	0.048	28.30	7.70	0.92	1.45	
CCE-P1908	Cycle2	120	9.01	33.95	26.30	111.92	39.56	0.06	0.048	28.41	7.70	0.92	1.45	
CCE-P1908	Cycle2	121	9.00	33.96	26.30	111.81	39.51	0.06	0.048	28.42	7.70	0.92	1.44	
CCE-P1908	Cycle2	122	8.98	33.96	26.31	111.79	39.49	0.06	0.047	28.44	7.70	0.91	1.44	
CCE-P1908	Cycle2	123	8.97	33.96	26.31	111.79	39.48	0.06	0.048	28.54	7.70	0.91	1.44	
CCE-P1908	Cycle2	124	8.95	33.96	26.31	112.04	39.55	0.06	0.047	28.28	7.70	0.91	1.44	
CCE-P1908	Cycle2	125	8.94	33.96	26.32	112.24	39.60	0.06	0.047	27.99	7.70	0.91	1.44	
CCE-P1908	Cycle2	126	8.91	33.96	26.32	112.23	39.58	0.06	0.047	28.21	7.70	0.91	1.44	
CCE-P1908	Cycle2	127	8.89	33.96	26.33	111.95	39.47	0.06	0.046	28.33	7.70	0.91	1.43	
CCE-P1908	Cycle2	128	8.87	33.97	26.33	111.86	39.42	0.06	0.046	28.58	7.70	0.91	1.43	
CCE-P1908	Cycle2	129	8.85	33.97	26.33	112.08	39.48	0.06	0.046	28.70	7.70	0.90	1.43	
CCE-P1908	Cycle2	130	8.83	33.97	26.34	112.21	39.50	0.06	0.047	28.54	7.70	0.90	1.42	
CCE-P1908	Cycle2	131	8.82	33.97	26.34	112.33	39.54	0.06	0.047	28.53	7.70	0.90	1.42	
CCE-P1908	Cycle2	132	8.80	33.97	26.35	112.11	39.44	0.06	0.050	28.53	7.70	0.90	1.42	
CCE-P1908	Cycle2	133	8.78	33.97	26.35	112.11	39.43	0.06	0.046	28.72	7.70	0.90	1.42	
CCE-P1908	Cycle2	134	8.76	33.97	26.35	112.15	39.42	0.06	0.046	28.97	7.70	0.90	1.42	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	135	8.74	33.97	26.36	112.27	39.45	0.06	0.045	29.16	7.70	0.90	1.41	
CCE-P1908	Cycle2	136	8.72	33.98	26.36	112.35	39.46	0.06	0.045	28.81	7.70	0.90	1.41	
CCE-P1908	Cycle2	137	8.71	33.98	26.37	112.27	39.42	0.06	0.045	28.86	7.70	0.89	1.41	
CCE-P1908	Cycle2	138	8.69	33.98	26.37	112.35	39.44	0.06	0.045	29.37	7.70	0.89	1.41	
CCE-P1908	Cycle2	139	8.67	33.98	26.37	112.41	39.44	0.06	0.049	29.18	7.70	0.89	1.41	
CCE-P1908	Cycle2	140	8.66	33.98	26.38	112.16	39.34	0.06	0.046	29.28	7.70	0.89	1.40	
CCE-P1908	Cycle2	141	8.64	33.98	26.38	111.74	39.18	0.06	0.046	29.12	7.69	0.89	1.40	
CCE-P1908	Cycle2	142	8.63	33.98	26.38	111.29	39.01	0.06	0.045	29.14	7.69	0.89	1.40	
CCE-P1908	Cycle2	143	8.62	33.99	26.39	110.76	38.82	0.06	0.044	29.10	7.69	0.88	1.39	
CCE-P1908	Cycle2	144	8.61	33.99	26.39	110.54	38.74	0.06	0.046	29.06	7.69	0.88	1.39	
CCE-P1908	Cycle2	145	8.60	33.99	26.39	110.29	38.64	0.06	0.044	28.93	7.69	0.88	1.39	
CCE-P1908	Cycle2	146	8.58	33.99	26.40	110.32	38.63	0.06	0.044	28.92	7.69	0.88	1.39	
CCE-P1908	Cycle2	147	8.56	33.99	26.40	110.12	38.55	0.06	0.043	28.97	7.69	0.88	1.38	
CCE-P1908	Cycle2	148	8.55	33.99	26.40	109.36	38.27	0.06	0.043	29.31	7.69	0.87	1.38	
CCE-P1908	Cycle2	149	8.54	34.00	26.41	108.30	37.89	0.06	0.042	29.24	7.69	0.87	1.37	
CCE-P1908	Cycle2	150	8.54	34.00	26.41	107.84	37.73	0.06	0.043	29.59	7.69	0.87	1.37	
CCE-P1908	Cycle2	151	8.52	34.00	26.41	107.67	37.66	0.06	0.042	29.71	7.69	0.87	1.37	
CCE-P1908	Cycle2	152	8.51	34.00	26.42	107.52	37.59	0.06	0.043	29.75	7.69	0.87	1.37	
CCE-P1908	Cycle2	153	8.49	34.00	26.42	107.22	37.47	0.06	0.043	29.58	7.69	0.86	1.36	
CCE-P1908	Cycle2	154	8.48	34.00	26.42	106.81	37.32	0.06	0.043	29.53	7.69	0.86	1.36	
CCE-P1908	Cycle2	155	8.47	34.01	26.42	106.25	37.11	0.06	0.042	29.75	7.68	0.86	1.36	
CCE-P1908	Cycle2	156	8.46	34.01	26.43	105.64	36.89	0.06	0.042	30.13	7.68	0.86	1.35	
CCE-P1908	Cycle2	157	8.45	34.01	26.43	104.88	36.62	0.06	0.042	29.95	7.68	0.86	1.35	
CCE-P1908	Cycle2	158	8.44	34.01	26.43	104.48	36.47	0.06	0.044	30.00	7.68	0.85	1.35	
CCE-P1908	Cycle2	159	8.43	34.01	26.44	104.27	36.39	0.06	0.042	30.15	7.68	0.85	1.34	
CCE-P1908	Cycle2	160	8.42	34.01	26.44	104.26	36.37	0.06	0.042	30.11	7.68	0.85	1.34	
CCE-P1908	Cycle2	161	8.40	34.01	26.44	104.48	36.44	0.06	0.042	30.25	7.68	0.85	1.34	
CCE-P1908	Cycle2	162	8.38	34.01	26.44	104.69	36.50	0.06	0.044	29.93	7.68	0.85	1.34	
CCE-P1908	Cycle2	163	8.37	34.01	26.45	104.56	36.44	0.06	0.041	30.38	7.68	0.85	1.34	
CCE-P1908	Cycle2	164	8.34	34.01	26.45	104.04	36.24	0.06	0.041	30.35	7.68	0.84	1.33	
CCE-P1908	Cycle2	165	8.33	34.01	26.45	103.93	36.20	0.06	0.041	30.15	7.68	0.84	1.33	
CCE-P1908	Cycle2	166	8.32	34.01	26.45	103.76	36.13	0.06	0.041	30.32	7.68	0.84	1.33	
CCE-P1908	Cycle2	167	8.30	34.01	26.46	103.40	35.99	0.06	0.040	30.21	7.68	0.84	1.33	
CCE-P1908	Cycle2	168	8.30	34.01	26.46	102.79	35.77	0.06	0.040	30.36	7.68	0.84	1.32	
CCE-P1908	Cycle2	169	8.29	34.02	26.46	101.95	35.47	0.06	0.041	30.47	7.68	0.84	1.32	
CCE-P1908	Cycle2	170	8.29	34.02	26.46	101.12	35.18	0.06	0.040	30.38	7.67	0.83	1.32	
CCE-P1908	Cycle2	171	8.28	34.02	26.46	100.53	34.97	0.06	0.040	30.95	7.67	0.83	1.31	
CCE-P1908	Cycle2	172	8.27	34.02	26.47	100.24	34.86	0.06	0.041	30.85	7.67	0.83	1.31	
CCE-P1908	Cycle2	173	8.27	34.02	26.47	100.15	34.83	0.06	0.040	30.23	7.67	0.83	1.31	
CCE-P1908	Cycle2	174	8.25	34.02	26.47	100.08	34.79	0.06	0.040	30.32	7.67	0.83	1.31	
CCE-P1908	Cycle2	175	8.24	34.02	26.47	100.02	34.76	0.06	0.039	30.69	7.67	0.83	1.31	
CCE-P1908	Cycle2	176	8.23	34.02	26.48	99.91	34.71	0.06	0.039	30.59	7.67	0.83	1.30	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	177	8.21	34.02	26.48	99.49	34.56	0.06	0.039	30.55	7.67	0.82	1.30	
CCE-P1908	Cycle2	178	8.21	34.02	26.48	99.05	34.40	0.06	0.039	30.48	7.67	0.82	1.30	
CCE-P1908	Cycle2	179	8.20	34.03	26.48	98.90	34.34	0.06	0.038	31.08	7.67	0.82	1.30	
CCE-P1908	Cycle2	180	8.19	34.03	26.48	98.89	34.33	0.06	0.038	31.02	7.67	0.82	1.30	
CCE-P1908	Cycle2	181	8.18	34.03	26.49	98.69	34.25	0.06	0.038	30.94	7.67	0.82	1.29	
CCE-P1908	Cycle2	182	8.17	34.03	26.49	98.15	34.06	0.06	0.037	31.11	7.67	0.82	1.29	
CCE-P1908	Cycle2	183	8.16	34.03	26.49	97.26	33.74	0.06	0.038	31.14	7.67	0.82	1.29	
CCE-P1908	Cycle2	184	8.16	34.03	26.49	96.60	33.51	0.06	0.038	31.37	7.67	0.81	1.29	
CCE-P1908	Cycle2	185	8.15	34.03	26.49	96.12	33.34	0.06	0.038	31.23	7.66	0.81	1.28	
CCE-P1908	Cycle2	186	8.14	34.03	26.50	95.80	33.22	0.06	0.038	31.17	7.66	0.81	1.28	
CCE-P1908	Cycle2	187	8.14	34.04	26.50	95.45	33.09	0.06	0.041	31.25	7.66	0.81	1.28	
CCE-P1908	Cycle2	188	8.13	34.04	26.50	95.22	33.00	0.06	0.037	31.12	7.66	0.81	1.28	
CCE-P1908	Cycle2	189	8.12	34.04	26.50	95.13	32.97	0.06	0.038	31.05	7.66	0.81	1.27	
CCE-P1908	Cycle2	190	8.10	34.04	26.50	95.19	32.98	0.06	0.037	31.04	7.66	0.81	1.27	
CCE-P1908	Cycle2	191	8.07	34.04	26.51	94.28	32.64	0.06	0.037	31.32	7.66	0.80	1.27	
CCE-P1908	Cycle2	192	8.08	34.04	26.51	92.99	32.20	0.06	0.037	31.31	7.66	0.80	1.26	
CCE-P1908	Cycle2	193	8.06	34.04	26.51	91.26	31.59	0.06	0.037	31.32	7.66	0.79	1.25	
CCE-P1908	Cycle2	194	8.07	34.05	26.52	88.97	30.80	0.06	0.036	31.40	7.65	0.79	1.25	
CCE-P1908	Cycle2	195	8.08	34.05	26.52	88.10	30.50	0.06	0.036	31.62	7.65	0.79	1.25	
CCE-P1908	Cycle2	196	8.07	34.05	26.52	87.86	30.42	0.06	0.036	32.03	7.65	0.79	1.24	
CCE-P1908	Cycle2	197	8.06	34.05	26.53	87.68	30.34	0.06	0.036	32.24	7.65	0.79	1.24	
CCE-P1908	Cycle2	198	8.05	34.05	26.53	87.31	30.21	0.06	0.036	31.87	7.65	0.78	1.24	
CCE-P1908	Cycle2	199	8.04	34.06	26.53	86.72	30.00	0.06	0.035	31.78	7.65	0.78	1.24	
CCE-P1908	Cycle2	200	8.03	34.06	26.53	85.96	29.73	0.06	0.035	32.09	7.65	0.78	1.23	
CCE-P1908	Cycle2	201	7.98	34.05	26.54	86.54	29.90	0.06	0.036	31.67	7.65	0.78	1.23	
CCE-P1908	Cycle2	202	7.97	34.06	26.54	85.95	29.70	0.06	0.035	31.71	7.65	0.78	1.23	
CCE-P1908	Cycle2	203	7.97	34.06	26.54	85.45	29.52	0.06	0.035	32.13	7.65	0.78	1.22	
CCE-P1908	Cycle2	204	7.96	34.06	26.54	84.69	29.25	0.06	0.035	32.29	7.64	0.77	1.22	
CCE-P1908	Cycle2	205	7.96	34.06	26.54	83.93	28.99	0.06	0.036	32.52	7.64	0.77	1.22	
CCE-P1908	Cycle2	206	7.97	34.06	26.55	83.09	28.70	0.06	0.036	32.45	7.64	0.77	1.22	
CCE-P1908	Cycle2	207	7.97	34.07	26.55	82.43	28.48	0.06	0.036	32.29	7.64	0.77	1.21	
CCE-P1908	Cycle2	208	7.96	34.07	26.55	82.23	28.41	0.06	0.035	32.41	7.64	0.77	1.21	
CCE-P1908	Cycle2	209	7.95	34.07	26.55	81.89	28.28	0.06	0.036	32.44	7.64	0.77	1.21	
CCE-P1908	Cycle2	210	7.95	34.07	26.55	81.37	28.10	0.06	0.036	32.55	7.64	0.77	1.21	
CCE-P1908	Cycle2	211	7.94	34.07	26.56	81.01	27.97	0.06	0.036	32.43	7.64	0.76	1.21	
CCE-P1908	Cycle2	212	7.92	34.07	26.56	80.78	27.88	0.06	0.036	32.62	7.64	0.76	1.20	
CCE-P1908	Cycle2	213	7.90	34.07	26.56	80.22	27.68	0.06	0.036	32.51	7.64	0.76	1.20	
CCE-P1908	Cycle2	214	7.90	34.07	26.56	79.29	27.36	0.06	0.035	32.97	7.64	0.76	1.20	
CCE-P1908	Cycle2	215	7.90	34.08	26.56	78.20	26.98	0.06	0.035	33.04	7.63	0.76	1.19	
CCE-P1908	Cycle2	216	7.90	34.08	26.57	77.08	26.59	0.06	0.035	32.95	7.63	0.75	1.19	
CCE-P1908	Cycle2	217	7.89	34.08	26.57	76.21	26.29	0.06	0.035	32.93	7.63	0.75	1.19	
CCE-P1908	Cycle2	218	7.89	34.08	26.57	75.51	26.05	0.06	0.037	33.40	7.63	0.75	1.18	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	219	7.89	34.09	26.58	74.89	25.83	0.06	0.037	33.10	7.63	0.75	1.18	
CCE-P1908	Cycle2	220	7.87	34.09	26.58	74.43	25.67	0.06	0.035	32.95	7.63	0.75	1.18	
CCE-P1908	Cycle2	221	7.87	34.09	26.58	73.91	25.49	0.06	0.036	32.93	7.63	0.74	1.18	
CCE-P1908	Cycle2	222	7.87	34.09	26.58	73.41	25.31	0.06	0.037	33.12	7.63	0.74	1.17	
CCE-P1908	Cycle2	223	7.85	34.09	26.59	72.60	25.03	0.06	0.036	33.47	7.62	0.74	1.17	
CCE-P1908	Cycle2	224	7.85	34.09	26.59	71.61	24.68	0.06	0.036	33.14	7.62	0.74	1.17	
CCE-P1908	Cycle2	225	7.84	34.10	26.59	70.69	24.36	0.06	0.036	33.12	7.62	0.74	1.16	
CCE-P1908	Cycle2	226	7.84	34.10	26.59	70.07	24.15	0.06	0.036	33.57	7.62	0.73	1.16	
CCE-P1908	Cycle2	227	7.83	34.10	26.60	69.51	23.95	0.06	0.036	33.60	7.62	0.73	1.16	
CCE-P1908	Cycle2	228	7.83	34.10	26.60	68.82	23.71	0.06	0.036	33.47	7.62	0.73	1.15	
CCE-P1908	Cycle2	229	7.83	34.11	26.60	68.19	23.50	0.06	0.036	33.55	7.62	0.73	1.15	
CCE-P1908	Cycle2	230	7.84	34.11	26.60	67.85	23.38	0.06	0.036	33.52	7.62	0.73	1.15	
CCE-P1908	Cycle2	231	7.83	34.11	26.60	67.63	23.30	0.06	0.039	33.62	7.62	0.73	1.15	
CCE-P1908	Cycle2	232	7.82	34.11	26.60	67.49	23.25	0.06	0.037	33.97	7.62	0.73	1.15	
CCE-P1908	Cycle2	233	7.81	34.11	26.61	67.44	23.22	0.06	0.037	33.67	7.62	0.73	1.15	
CCE-P1908	Cycle2	234	7.80	34.11	26.61	67.28	23.16	0.06	0.037	33.84	7.62	0.73	1.15	
CCE-P1908	Cycle2	235	7.79	34.11	26.61	66.81	22.99	0.06	0.038	33.96	7.62	0.73	1.14	
CCE-P1908	Cycle2	236	7.77	34.11	26.61	65.52	22.54	0.06	0.038	33.95	7.61	0.72	1.14	
CCE-P1908	Cycle2	237	7.78	34.11	26.61	64.17	22.08	0.06	0.039	34.08	7.61	0.72	1.13	
CCE-P1908	Cycle2	238	7.80	34.12	26.61	63.21	21.76	0.06	0.040	33.85	7.61	0.72	1.13	
CCE-P1908	Cycle2	239	7.80	34.12	26.62	62.34	21.46	0.06	0.039	33.71	7.61	0.72	1.13	
CCE-P1908	Cycle2	240	7.80	34.12	26.62	61.03	21.01	0.06	0.040	34.00	7.61	0.71	1.13	
CCE-P1908	Cycle2	241	7.82	34.13	26.62	59.31	20.43	0.06	0.040	34.12	7.60	0.71	1.12	
CCE-P1908	Cycle2	242	7.84	34.14	26.62	58.02	19.99	0.06	0.041	34.04	7.60	0.71	1.12	
CCE-P1908	Cycle2	243	7.85	34.14	26.63	57.09	19.68	0.06	0.041	33.49	7.60	0.71	1.12	
CCE-P1908	Cycle2	244	7.85	34.15	26.63	56.64	19.52	0.06	0.043	33.76	7.60	0.71	1.11	
CCE-P1908	Cycle2	245	7.86	34.15	26.63	56.32	19.42	0.06	0.043	34.07	7.60	0.71	1.11	
CCE-P1908	Cycle2	246	7.85	34.15	26.63	56.07	19.33	0.06	0.043	34.26	7.60	0.71	1.11	
CCE-P1908	Cycle2	247	7.84	34.15	26.63	55.36	19.08	0.06	0.044	34.22	7.60	0.70	1.11	
CCE-P1908	Cycle2	248	7.83	34.15	26.63	54.58	18.81	0.06	0.045	34.07	7.60	0.70	1.11	
CCE-P1908	Cycle2	249	7.83	34.15	26.64	53.87	18.56	0.06	0.044	33.91	7.60	0.70	1.10	
CCE-P1908	Cycle2	250	7.83	34.15	26.64	53.00	18.27	0.06	0.045	34.71	7.59	0.70	1.10	
CCE-P1908	Cycle2	251	7.84	34.16	26.64	52.19	17.99	0.06	0.045	34.34	7.59	0.70	1.10	
CCE-P1908	Cycle2	252	7.84	34.16	26.64	51.66	17.81	0.06	0.045	34.54	7.59	0.70	1.10	
CCE-P1908	Cycle2	253	7.85	34.16	26.64	51.35	17.70	0.06	0.045	34.60	7.59	0.70	1.10	
CCE-P1908	Cycle2	254	7.84	34.16	26.64	50.92	17.55	0.06	0.047	34.65	7.59	0.69	1.09	
CCE-P1908	Cycle2	255	7.83	34.17	26.65	50.50	17.41	0.06	0.047	34.48	7.59	0.69	1.09	
CCE-P1908	Cycle2	256	7.83	34.17	26.65	49.97	17.23	0.06	0.049	34.32	7.59	0.69	1.09	
CCE-P1908	Cycle2	257	7.84	34.17	26.65	49.37	17.02	0.06	0.047	34.46	7.59	0.69	1.09	
CCE-P1908	Cycle2	258	7.84	34.17	26.65	49.23	16.97	0.06	0.047	34.60	7.59	0.69	1.09	
CCE-P1908	Cycle2	259	7.83	34.17	26.65	49.40	17.02	0.06	0.047	34.46	7.59	0.69	1.09	
CCE-P1908	Cycle2	260	7.81	34.17	26.65	49.61	17.09	0.06	0.047	34.61	7.59	0.69	1.09	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	261	7.79	34.17	26.66	50.01	17.22	0.06	0.048	34.64	7.59	0.69	1.09	
CCE-P1908	Cycle2	262	7.76	34.17	26.66	50.27	17.30	0.06	0.045	34.25	7.59	0.69	1.09	
CCE-P1908	Cycle2	263	7.74	34.16	26.66	50.28	17.29	0.06	0.045	34.59	7.59	0.69	1.09	
CCE-P1908	Cycle2	264	7.73	34.16	26.66	50.16	17.24	0.06	0.044	34.99	7.59	0.69	1.08	
CCE-P1908	Cycle2	265	7.72	34.16	26.66	50.11	17.22	0.06	0.043	34.78	7.59	0.69	1.08	
CCE-P1908	Cycle2	266	7.70	34.16	26.66	50.34	17.29	0.06	0.042	34.96	7.59	0.69	1.08	
CCE-P1908	Cycle2	267	7.67	34.16	26.66	50.49	17.33	0.06	0.042	34.70	7.59	0.69	1.08	
CCE-P1908	Cycle2	268	7.64	34.16	26.67	50.60	17.36	0.06	0.041	34.75	7.59	0.68	1.08	
CCE-P1908	Cycle2	269	7.62	34.15	26.67	50.71	17.38	0.06	0.041	34.85	7.59	0.68	1.08	
CCE-P1908	Cycle2	270	7.60	34.15	26.67	50.61	17.34	0.06	0.040	35.39	7.59	0.68	1.08	
CCE-P1908	Cycle2	271	7.58	34.15	26.67	50.65	17.35	0.06	0.039	35.32	7.59	0.68	1.08	
CCE-P1908	Cycle2	272	7.56	34.15	26.67	50.89	17.43	0.06	0.039	35.17	7.59	0.68	1.07	
CCE-P1908	Cycle2	273	7.54	34.15	26.68	51.05	17.47	0.06	0.039	34.99	7.59	0.68	1.07	
CCE-P1908	Cycle2	274	7.52	34.15	26.68	50.88	17.41	0.06	0.040	35.68	7.59	0.68	1.07	
CCE-P1908	Cycle2	275	7.50	34.15	26.68	50.65	17.32	0.06	0.038	35.63	7.59	0.68	1.07	
CCE-P1908	Cycle2	276	7.49	34.15	26.68	50.38	17.22	0.06	0.040	35.43	7.59	0.68	1.07	
CCE-P1908	Cycle2	277	7.47	34.15	26.68	50.02	17.09	0.06	0.039	35.50	7.59	0.68	1.07	
CCE-P1908	Cycle2	278	7.46	34.15	26.69	49.67	16.97	0.06	0.037	35.81	7.59	0.67	1.06	
CCE-P1908	Cycle2	279	7.46	34.15	26.69	49.39	16.87	0.06	0.037	35.53	7.59	0.67	1.06	
CCE-P1908	Cycle2	280	7.45	34.15	26.69	49.11	16.77	0.06	0.037	35.71	7.58	0.67	1.06	
CCE-P1908	Cycle2	281	7.44	34.15	26.69	48.80	16.66	0.06	0.037	35.66	7.58	0.67	1.06	
CCE-P1908	Cycle2	282	7.43	34.15	26.69	48.32	16.50	0.06	0.037	35.72	7.58	0.67	1.06	
CCE-P1908	Cycle2	283	7.43	34.15	26.70	47.69	16.28	0.06	0.036	35.94	7.58	0.67	1.06	
CCE-P1908	Cycle2	284	7.43	34.16	26.70	47.06	16.07	0.06	0.036	35.44	7.58	0.67	1.05	
CCE-P1908	Cycle2	285	7.43	34.16	26.70	46.76	15.97	0.06	0.035	35.77	7.58	0.67	1.05	
CCE-P1908	Cycle2	286	7.41	34.16	26.70	46.59	15.90	0.06	0.035	35.95	7.58	0.67	1.05	
CCE-P1908	Cycle2	287	7.41	34.16	26.70	46.50	15.87	0.06	0.035	35.45	7.58	0.67	1.05	
CCE-P1908	Cycle2	288	7.40	34.16	26.70	46.41	15.83	0.06	0.035	35.63	7.58	0.67	1.05	
CCE-P1908	Cycle2	289	7.39	34.16	26.71	46.10	15.73	0.06	0.034	35.74	7.58	0.66	1.05	
CCE-P1908	Cycle2	290	7.37	34.16	26.71	45.52	15.53	0.06	0.034	36.07	7.58	0.66	1.05	
CCE-P1908	Cycle2	291	7.37	34.16	26.71	45.08	15.37	0.06	0.034	36.09	7.58	0.66	1.04	
CCE-P1908	Cycle2	292	7.36	34.16	26.71	44.78	15.27	0.06	0.034	36.18	7.58	0.66	1.04	
CCE-P1908	Cycle2	293	7.36	34.16	26.71	44.64	15.22	0.06	0.033	36.27	7.58	0.66	1.04	
CCE-P1908	Cycle2	294	7.35	34.16	26.71	44.65	15.22	0.06	0.033	36.10	7.58	0.66	1.04	
CCE-P1908	Cycle2	295	7.33	34.16	26.72	44.60	15.19	0.06	0.034	36.24	7.58	0.66	1.04	
CCE-P1908	Cycle2	296	7.32	34.16	26.72	44.50	15.15	0.06	0.034	36.24	7.58	0.66	1.04	
CCE-P1908	Cycle2	297	7.31	34.16	26.72	44.25	15.07	0.06	0.034	36.34	7.58	0.66	1.04	
CCE-P1908	Cycle2	298	7.29	34.16	26.72	44.22	15.05	0.06	0.034	36.28	7.58	0.66	1.04	
CCE-P1908	Cycle2	299	7.27	34.16	26.72	44.44	15.12	0.06	0.034	36.31	7.58	0.66	1.04	
CCE-P1908	Cycle2	300	7.25	34.16	26.72	44.58	15.16	0.06	0.033	36.54	7.58	0.66	1.03	
CCE-P1908	Cycle2	301	7.22	34.15	26.73	44.61	15.16	0.06	0.033	36.27	7.58	0.66	1.03	
CCE-P1908	Cycle2	302	7.21	34.15	26.73	44.61	15.16	0.06	0.033	36.38	7.58	0.65	1.03	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	303	7.18	34.15	26.73	44.57	15.13	0.06	0.033	37.22	7.58	0.65	1.03	
CCE-P1908	Cycle2	304	7.16	34.15	26.73	44.42	15.08	0.06	0.033	36.94	7.58	0.65	1.03	
CCE-P1908	Cycle2	305	7.15	34.15	26.73	44.25	15.01	0.06	0.032	36.87	7.57	0.65	1.03	
CCE-P1908	Cycle2	306	7.14	34.15	26.73	44.10	14.96	0.06	0.032	36.76	7.57	0.65	1.03	
CCE-P1908	Cycle2	307	7.15	34.15	26.73	44.35	15.05	0.06	0.032	36.47	7.57	0.65	1.03	
CCE-P1908	Cycle2	308	7.11	34.15	26.74	43.65	14.79	0.06	0.032	36.74	7.57	0.65	1.02	
CCE-P1908	Cycle2	309	7.11	34.15	26.74	43.66	14.80	0.06	0.032	37.04	7.57	0.65	1.02	
CCE-P1908	Cycle2	310	7.09	34.15	26.74	43.72	14.81	0.06	0.032	37.05	7.57	0.65	1.02	
CCE-P1908	Cycle2	311	7.07	34.15	26.74	43.79	14.83	0.06	0.032	36.78	7.57	0.65	1.02	
CCE-P1908	Cycle2	312	7.05	34.15	26.74	43.74	14.81	0.06	0.032	37.04	7.57	0.65	1.02	
CCE-P1908	Cycle2	313	7.04	34.15	26.74	43.54	14.74	0.06	0.032	36.81	7.57	0.65	1.02	
CCE-P1908	Cycle2	314	7.03	34.15	26.75	43.51	14.72	0.06	0.031	36.96	7.57	0.65	1.02	
CCE-P1908	Cycle2	315	7.02	34.15	26.75	43.36	14.67	0.06	0.031	37.51	7.57	0.64	1.02	
CCE-P1908	Cycle2	316	7.01	34.14	26.75	42.88	14.50	0.06	0.031	37.20	7.57	0.64	1.01	
CCE-P1908	Cycle2	317	7.01	34.15	26.75	42.41	14.34	0.06	0.032	37.31	7.57	0.64	1.01	
CCE-P1908	Cycle2	318	7.02	34.15	26.75	42.15	14.26	0.06	0.031	37.36	7.57	0.64	1.01	
CCE-P1908	Cycle2	319	7.00	34.15	26.75	42.01	14.20	0.06	0.032	37.36	7.57	0.64	1.01	
CCE-P1908	Cycle2	320	6.99	34.15	26.76	42.01	14.20	0.06	0.031	37.53	7.57	0.64	1.01	
CCE-P1908	Cycle2	321	6.97	34.15	26.76	42.02	14.20	0.06	0.032	37.94	7.57	0.64	1.01	
CCE-P1908	Cycle2	322	6.95	34.15	26.76	41.88	14.14	0.06	0.031	37.52	7.57	0.64	1.01	
CCE-P1908	Cycle2	323	6.94	34.15	26.76	41.76	14.10	0.06	0.031	37.29	7.57	0.64	1.01	
CCE-P1908	Cycle2	324	6.92	34.15	26.76	41.73	14.08	0.06	0.032	37.30	7.57	0.64	1.01	
CCE-P1908	Cycle2	325	6.90	34.15	26.76	41.80	14.10	0.06	0.031	37.33	7.57	0.64	1.01	
CCE-P1908	Cycle2	326	6.89	34.14	26.76	41.64	14.04	0.06	0.031	37.45	7.57	0.64	1.00	
CCE-P1908	Cycle2	327	6.87	34.14	26.77	41.45	13.97	0.06	0.031	37.37	7.57	0.64	1.00	
CCE-P1908	Cycle2	328	6.87	34.14	26.77	41.23	13.90	0.06	0.032	37.47	7.57	0.64	1.00	
CCE-P1908	Cycle2	329	6.86	34.15	26.77	40.81	13.75	0.06	0.031	37.70	7.57	0.63	1.00	
CCE-P1908	Cycle2	330	6.86	34.15	26.77	40.53	13.66	0.06	0.032	38.10	7.57	0.63	1.00	
CCE-P1908	Cycle2	331	6.85	34.15	26.77	40.29	13.57	0.06	0.031	37.84	7.57	0.63	1.00	
CCE-P1908	Cycle2	332	6.84	34.15	26.77	40.05	13.49	0.06	0.031	37.64	7.57	0.63	1.00	
CCE-P1908	Cycle2	333	6.83	34.15	26.78	39.92	13.44	0.06	0.032	37.65	7.57	0.63	1.00	
CCE-P1908	Cycle2	334	6.82	34.15	26.78	39.78	13.39	0.06	0.031	37.95	7.56	0.63	1.00	
CCE-P1908	Cycle2	335	6.81	34.15	26.78	39.57	13.32	0.06	0.032	38.44	7.56	0.63	0.99	
CCE-P1908	Cycle2	336	6.80	34.15	26.78	39.39	13.26	0.06	0.031	38.25	7.56	0.63	0.99	
CCE-P1908	Cycle2	337	6.79	34.15	26.78	39.24	13.20	0.06	0.031	37.98	7.56	0.63	0.99	
CCE-P1908	Cycle2	338	6.77	34.15	26.78	38.98	13.11	0.06	0.031	37.64	7.56	0.63	0.99	
CCE-P1908	Cycle2	339	6.77	34.15	26.78	38.62	12.98	0.06	0.031	38.26	7.56	0.63	0.99	
CCE-P1908	Cycle2	340	6.76	34.15	26.79	38.12	12.82	0.06	0.031	37.91	7.56	0.63	0.99	
CCE-P1908	Cycle2	341	6.77	34.15	26.79	37.58	12.64	0.06	0.031	38.10	7.56	0.63	0.99	
CCE-P1908	Cycle2	342	6.78	34.16	26.79	37.23	12.53	0.06	0.031	38.31	7.56	0.63	0.99	
CCE-P1908	Cycle2	343	6.78	34.16	26.79	37.06	12.47	0.06	0.031	38.47	7.56	0.63	0.99	
CCE-P1908	Cycle2	344	6.78	34.16	26.79	36.77	12.37	0.06	0.031	38.41	7.56	0.62	0.99	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	345	6.77	34.16	26.79	36.42	12.25	0.06	0.030	38.38	7.56	0.62	0.98	
CCE-P1908	Cycle2	346	6.77	34.16	26.80	36.15	12.16	0.06	0.031	38.19	7.56	0.62	0.98	
CCE-P1908	Cycle2	347	6.76	34.16	26.80	35.88	12.06	0.06	0.031	38.10	7.56	0.62	0.98	
CCE-P1908	Cycle2	348	6.75	34.16	26.80	35.69	12.00	0.06	0.031	38.11	7.56	0.62	0.98	
CCE-P1908	Cycle2	349	6.74	34.16	26.80	35.46	11.92	0.06	0.031	38.41	7.56	0.62	0.98	
CCE-P1908	Cycle2	350	6.73	34.17	26.80	35.31	11.87	0.06	0.032	38.33	7.56	0.62	0.98	
CCE-P1908	Cycle2	351	6.73	34.17	26.80	35.12	11.80	0.06	0.031	38.52	7.56	0.62	0.98	
CCE-P1908	Cycle2	352	6.72	34.17	26.80	34.90	11.73	0.06	0.031	38.52	7.56	0.62	0.98	
CCE-P1908	Cycle2	353	6.72	34.17	26.80	34.75	11.67	0.06	0.031	38.28	7.56	0.62	0.98	
CCE-P1908	Cycle2	354	6.70	34.17	26.81	34.69	11.65	0.06	0.031	38.45	7.56	0.62	0.98	
CCE-P1908	Cycle2	355	6.68	34.16	26.81	34.69	11.64	0.06	0.031	38.30	7.56	0.62	0.97	
CCE-P1908	Cycle2	356	6.66	34.16	26.81	34.54	11.59	0.06	0.030	38.48	7.56	0.62	0.97	
CCE-P1908	Cycle2	357	6.66	34.16	26.81	34.28	11.50	0.06	0.030	38.63	7.56	0.62	0.97	
CCE-P1908	Cycle2	358	6.65	34.16	26.81	34.13	11.45	0.06	0.031	38.70	7.55	0.62	0.97	
CCE-P1908	Cycle2	359	6.64	34.16	26.81	33.96	11.39	0.06	0.031	38.91	7.55	0.62	0.97	
CCE-P1908	Cycle2	360	6.63	34.16	26.81	33.77	11.32	0.06	0.031	38.63	7.55	0.62	0.97	
CCE-P1908	Cycle2	361	6.63	34.17	26.82	33.63	11.28	0.06	0.031	38.52	7.55	0.61	0.97	
CCE-P1908	Cycle2	362	6.62	34.17	26.82	33.43	11.21	0.06	0.030	38.73	7.55	0.61	0.97	
CCE-P1908	Cycle2	363	6.61	34.17	26.82	33.23	11.14	0.06	0.031	38.80	7.55	0.61	0.97	
CCE-P1908	Cycle2	364	6.60	34.17	26.82	33.01	11.06	0.06	0.030	38.75	7.55	0.61	0.97	
CCE-P1908	Cycle2	365	6.60	34.17	26.82	32.75	10.97	0.06	0.031	38.84	7.55	0.61	0.97	
CCE-P1908	Cycle2	366	6.59	34.17	26.82	32.49	10.88	0.06	0.031	38.99	7.55	0.61	0.96	
CCE-P1908	Cycle2	367	6.58	34.17	26.82	32.19	10.78	0.06	0.030	38.57	7.55	0.61	0.96	
CCE-P1908	Cycle2	368	6.58	34.17	26.83	31.98	10.71	0.06	0.031	38.67	7.55	0.61	0.96	
CCE-P1908	Cycle2	369	6.57	34.17	26.83	31.87	10.67	0.06	0.030	38.89	7.55	0.61	0.96	
CCE-P1908	Cycle2	370	6.56	34.17	26.83	31.68	10.61	0.06	0.030	38.82	7.55	0.61	0.96	
CCE-P1908	Cycle2	371	6.55	34.17	26.83	31.51	10.55	0.06	0.030	38.72	7.55	0.61	0.96	
CCE-P1908	Cycle2	372	6.54	34.17	26.83	31.38	10.50	0.06	0.030	39.30	7.55	0.61	0.96	
CCE-P1908	Cycle2	373	6.53	34.17	26.83	31.25	10.46	0.06	0.030	39.24	7.55	0.61	0.96	
CCE-P1908	Cycle2	374	6.52	34.17	26.83	31.18	10.43	0.06	0.030	39.47	7.55	0.61	0.96	
CCE-P1908	Cycle2	375	6.51	34.17	26.84	30.98	10.36	0.06	0.029	39.37	7.55	0.61	0.96	
CCE-P1908	Cycle2	376	6.51	34.17	26.84	30.75	10.28	0.06	0.030	39.27	7.55	0.61	0.96	
CCE-P1908	Cycle2	377	6.50	34.17	26.84	30.48	10.19	0.06	0.030	39.42	7.55	0.61	0.96	
CCE-P1908	Cycle2	378	6.50	34.17	26.84	30.20	10.10	0.06	0.030	39.30	7.55	0.61	0.95	
CCE-P1908	Cycle2	379	6.50	34.18	26.84	29.88	9.99	0.06	0.030	39.35	7.55	0.60	0.95	
CCE-P1908	Cycle2	380	6.49	34.18	26.84	29.67	9.92	0.06	0.030	39.21	7.55	0.60	0.95	
CCE-P1908	Cycle2	381	6.48	34.18	26.85	29.43	9.83	0.06	0.030	39.32	7.55	0.60	0.95	
CCE-P1908	Cycle2	382	6.47	34.18	26.85	29.21	9.76	0.06	0.030	39.34	7.55	0.60	0.95	
CCE-P1908	Cycle2	383	6.47	34.18	26.85	28.88	9.65	0.06	0.030	39.20	7.55	0.60	0.95	
CCE-P1908	Cycle2	384	6.47	34.18	26.85	28.60	9.55	0.06	0.030	39.44	7.55	0.60	0.95	
CCE-P1908	Cycle2	385	6.47	34.18	26.85	28.50	9.52	0.06	0.030	39.75	7.54	0.60	0.95	
CCE-P1908	Cycle2	386	6.46	34.18	26.85	28.51	9.52	0.06	0.030	39.77	7.54	0.60	0.95	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	387	6.46	34.18	26.85	28.43	9.49	0.06	0.030	39.67	7.54	0.60	0.95	
CCE-P1908	Cycle2	388	6.45	34.18	26.85	28.32	9.46	0.06	0.030	39.99	7.54	0.60	0.95	
CCE-P1908	Cycle2	389	6.44	34.18	26.86	28.26	9.44	0.06	0.029	39.99	7.54	0.60	0.95	
CCE-P1908	Cycle2	390	6.42	34.18	26.86	28.14	9.39	0.06	0.030	39.86	7.54	0.60	0.95	
CCE-P1908	Cycle2	391	6.41	34.18	26.86	27.92	9.32	0.06	0.030	39.29	7.54	0.60	0.95	
CCE-P1908	Cycle2	392	6.41	34.18	26.86	27.63	9.22	0.06	0.029	39.36	7.54	0.60	0.94	
CCE-P1908	Cycle2	393	6.41	34.19	26.86	27.41	9.14	0.06	0.029	39.88	7.54	0.60	0.94	
CCE-P1908	Cycle2	394	6.40	34.19	26.86	27.32	9.11	0.06	0.030	40.01	7.54	0.60	0.94	
CCE-P1908	Cycle2	395	6.39	34.19	26.86	27.19	9.07	0.06	0.030	39.72	7.54	0.60	0.94	
CCE-P1908	Cycle2	396	6.39	34.19	26.87	26.96	8.99	0.06	0.029	39.83	7.54	0.60	0.94	
CCE-P1908	Cycle2	397	6.38	34.19	26.87	26.75	8.92	0.06	0.030	40.34	7.54	0.60	0.94	
CCE-P1908	Cycle2	398	6.38	34.19	26.87	26.54	8.85	0.06	0.030	39.78	7.54	0.60	0.94	
CCE-P1908	Cycle2	399	6.37	34.19	26.87	26.37	8.79	0.06	0.030	39.81	7.54	0.60	0.94	
CCE-P1908	Cycle2	400	6.36	34.19	26.87	26.24	8.74	0.06	0.030	40.07	7.54	0.60	0.94	
CCE-P1908	Cycle2	401	6.35	34.19	26.87	25.99	8.66	0.06	0.030	40.21	7.54	0.60	0.94	
CCE-P1908	Cycle2	402	6.35	34.19	26.87	25.66	8.55	0.06	0.030	40.57	7.54	0.59	0.94	
CCE-P1908	Cycle2	403	6.35	34.20	26.88	25.38	8.46	0.06	0.030	40.10	7.54	0.59	0.94	
CCE-P1908	Cycle2	404	6.35	34.20	26.88	25.13	8.37	0.06	0.030	39.91	7.54	0.59	0.94	
CCE-P1908	Cycle2	405	6.35	34.20	26.88	24.96	8.32	0.06	0.030	39.85	7.54	0.59	0.94	
CCE-P1908	Cycle2	406	6.35	34.20	26.88	24.80	8.26	0.06	0.030	40.05	7.54	0.59	0.94	
CCE-P1908	Cycle2	407	6.34	34.20	26.88	24.68	8.22	0.06	0.030	40.30	7.54	0.59	0.93	
CCE-P1908	Cycle2	408	6.34	34.20	26.88	24.58	8.19	0.06	0.030	40.21	7.54	0.59	0.93	
CCE-P1908	Cycle2	409	6.33	34.20	26.88	24.45	8.14	0.06	0.030	40.10	7.54	0.59	0.93	
CCE-P1908	Cycle2	410	6.33	34.20	26.89	24.22	8.06	0.06	0.030	39.88	7.54	0.59	0.93	
CCE-P1908	Cycle2	411	6.33	34.21	26.89	24.00	7.99	0.06	0.029	39.83	7.54	0.59	0.93	
CCE-P1908	Cycle2	412	6.33	34.21	26.89	23.80	7.92	0.06	0.030	40.22	7.54	0.59	0.93	
CCE-P1908	Cycle2	413	6.32	34.21	26.89	23.57	7.85	0.06	0.031	40.47	7.54	0.59	0.93	
CCE-P1908	Cycle2	414	6.32	34.21	26.89	23.47	7.81	0.06	0.030	40.23	7.54	0.59	0.93	
CCE-P1908	Cycle2	415	6.31	34.21	26.89	23.35	7.77	0.06	0.031	40.13	7.54	0.59	0.93	
CCE-P1908	Cycle2	416	6.31	34.21	26.89	23.28	7.75	0.06	0.030	40.42	7.54	0.59	0.93	
CCE-P1908	Cycle2	417	6.32	34.21	26.89	23.22	7.73	0.06	0.030	40.12	7.54	0.59	0.93	
CCE-P1908	Cycle2	418	6.26	34.21	26.90	23.29	7.74	0.06	0.030	39.82	7.54	0.59	0.93	
CCE-P1908	Cycle2	419	6.28	34.21	26.90	23.23	7.72	0.06	0.029	39.94	7.54	0.59	0.93	
CCE-P1908	Cycle2	420	6.26	34.21	26.90	23.19	7.71	0.06	0.029	40.38	7.54	0.59	0.93	
CCE-P1908	Cycle2	421	6.26	34.21	26.90	23.12	7.69	0.06	0.029	39.73	7.54	0.59	0.93	
CCE-P1908	Cycle2	422	6.25	34.21	26.90	23.07	7.67	0.06	0.029	40.25	7.54	0.59	0.93	
CCE-P1908	Cycle2	423	6.24	34.21	26.90	23.03	7.65	0.06	0.029	40.35	7.53	0.59	0.93	
CCE-P1908	Cycle2	424	6.23	34.21	26.90	22.95	7.62	0.06	0.029	40.81	7.53	0.59	0.93	
CCE-P1908	Cycle2	425	6.22	34.21	26.90	22.87	7.59	0.06	0.030	40.45	7.53	0.59	0.93	
CCE-P1908	Cycle2	426	6.21	34.21	26.90	22.82	7.58	0.06	0.030	40.24	7.53	0.59	0.92	
CCE-P1908	Cycle2	427	6.20	34.21	26.90	22.75	7.55	0.06	0.029	40.29	7.53	0.59	0.92	
CCE-P1908	Cycle2	428	6.19	34.21	26.91	22.66	7.52	0.06	0.029	40.67	7.53	0.59	0.92	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	429	6.18	34.21	26.91	22.53	7.48	0.06	0.029	40.45	7.53	0.59	0.92	
CCE-P1908	Cycle2	430	6.18	34.21	26.91	22.42	7.44	0.06	0.029	40.51	7.53	0.59	0.92	
CCE-P1908	Cycle2	431	6.17	34.21	26.91	22.34	7.41	0.06	0.029	40.65	7.53	0.59	0.92	
CCE-P1908	Cycle2	432	6.17	34.21	26.91	22.27	7.39	0.06	0.029	41.56	7.53	0.59	0.92	
CCE-P1908	Cycle2	433	6.16	34.21	26.91	22.19	7.36	0.06	0.029	40.97	7.53	0.58	0.92	
CCE-P1908	Cycle2	434	6.15	34.21	26.91	22.14	7.34	0.06	0.029	40.66	7.53	0.58	0.92	
CCE-P1908	Cycle2	435	6.14	34.21	26.91	22.14	7.34	0.06	0.029	40.90	7.53	0.58	0.92	
CCE-P1908	Cycle2	436	6.13	34.21	26.91	22.06	7.31	0.06	0.030	40.61	7.53	0.58	0.92	
CCE-P1908	Cycle2	437	6.12	34.21	26.92	21.96	7.28	0.06	0.030	40.58	7.53	0.58	0.92	
CCE-P1908	Cycle2	438	6.11	34.21	26.92	21.94	7.27	0.06	0.029	40.68	7.53	0.58	0.92	
CCE-P1908	Cycle2	439	6.10	34.21	26.92	21.90	7.25	0.06	0.030	40.75	7.53	0.58	0.92	
CCE-P1908	Cycle2	440	6.09	34.21	26.92	21.74	7.20	0.06	0.029	40.92	7.53	0.58	0.92	
CCE-P1908	Cycle2	441	6.08	34.21	26.92	21.57	7.14	0.06	0.029	40.75	7.53	0.58	0.92	
CCE-P1908	Cycle2	442	6.08	34.21	26.92	21.42	7.09	0.06	0.029	40.71	7.53	0.58	0.92	
CCE-P1908	Cycle2	443	6.08	34.21	26.92	21.24	7.03	0.06	0.029	40.77	7.53	0.58	0.92	
CCE-P1908	Cycle2	444	6.08	34.21	26.92	21.13	7.00	0.06	0.029	41.08	7.53	0.58	0.92	
CCE-P1908	Cycle2	445	6.08	34.21	26.92	20.91	6.92	0.06	0.029	41.25	7.53	0.58	0.92	
CCE-P1908	Cycle2	446	6.09	34.22	26.93	20.71	6.86	0.06	0.028	40.71	7.53	0.58	0.92	
CCE-P1908	Cycle2	447	6.09	34.22	26.93	20.58	6.81	0.06	0.029	40.56	7.53	0.58	0.92	
CCE-P1908	Cycle2	448	6.09	34.22	26.93	20.44	6.77	0.06	0.029	41.07	7.53	0.58	0.91	
CCE-P1908	Cycle2	449	6.08	34.22	26.93	20.44	6.77	0.06	0.029	40.91	7.53	0.58	0.91	
CCE-P1908	Cycle2	450	6.08	34.22	26.93	20.28	6.71	0.06	0.029	40.60	7.53	0.58	0.91	
CCE-P1908	Cycle2	451	6.08	34.22	26.93	20.21	6.69	0.06	0.029	40.99	7.53	0.58	0.91	
CCE-P1908	Cycle2	452	6.07	34.22	26.93	20.18	6.68	0.06	0.029	40.83	7.53	0.58	0.91	
CCE-P1908	Cycle2	453	6.07	34.22	26.93	20.05	6.64	0.06	0.029	40.93	7.53	0.58	0.91	
CCE-P1908	Cycle2	454	6.07	34.22	26.93	19.97	6.61	0.06	0.029	40.96	7.53	0.58	0.91	
CCE-P1908	Cycle2	455	6.06	34.22	26.93	19.83	6.56	0.06	0.029	40.80	7.53	0.58	0.91	
CCE-P1908	Cycle2	456	6.06	34.22	26.94	19.68	6.51	0.06	0.029	41.37	7.53	0.58	0.91	
CCE-P1908	Cycle2	457	6.05	34.22	26.94	19.63	6.50	0.06	0.029	41.35	7.53	0.58	0.91	
CCE-P1908	Cycle2	458	6.05	34.22	26.94	19.56	6.47	0.06	0.029	40.75	7.53	0.58	0.91	
CCE-P1908	Cycle2	459	6.04	34.22	26.94	19.52	6.46	0.06	0.030	41.21	7.53	0.58	0.91	
CCE-P1908	Cycle2	460	6.03	34.22	26.94	19.42	6.42	0.06	0.029	41.26	7.53	0.58	0.91	
CCE-P1908	Cycle2	461	6.01	34.22	26.94	19.29	6.38	0.06	0.028	40.97	7.53	0.58	0.91	
CCE-P1908	Cycle2	462	6.01	34.22	26.94	19.19	6.34	0.06	0.029	41.16	7.53	0.58	0.91	
CCE-P1908	Cycle2	463	6.01	34.22	26.94	19.12	6.32	0.06	0.028	41.17	7.53	0.58	0.91	
CCE-P1908	Cycle2	464	6.01	34.23	26.94	19.01	6.28	0.06	0.028	41.02	7.53	0.58	0.91	
CCE-P1908	Cycle2	465	6.00	34.23	26.95	18.92	6.25	0.06	0.029	40.68	7.53	0.58	0.91	
CCE-P1908	Cycle2	466	6.00	34.23	26.95	18.79	6.21	0.06	0.029	41.01	7.53	0.58	0.91	
CCE-P1908	Cycle2	467	5.99	34.23	26.95	18.67	6.17	0.06	0.029	41.39	7.53	0.58	0.91	
CCE-P1908	Cycle2	468	5.99	34.23	26.95	18.56	6.13	0.06	0.028	41.19	7.53	0.58	0.91	
CCE-P1908	Cycle2	469	5.98	34.23	26.95	18.44	6.09	0.06	0.029	41.00	7.53	0.58	0.91	
CCE-P1908	Cycle2	470	5.97	34.23	26.95	18.44	6.09	0.06	0.028	40.93	7.53	0.58	0.91	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	471	5.96	34.23	26.95	18.40	6.07	0.06	0.028	40.99	7.53	0.58	0.91	
CCE-P1908	Cycle2	472	5.96	34.23	26.95	18.28	6.03	0.06	0.029	40.87	7.53	0.57	0.91	
CCE-P1908	Cycle2	473	5.96	34.23	26.95	18.12	5.98	0.06	0.029	41.11	7.53	0.57	0.91	
CCE-P1908	Cycle2	474	5.96	34.23	26.96	17.99	5.94	0.06	0.029	41.31	7.53	0.57	0.90	
CCE-P1908	Cycle2	475	5.95	34.23	26.96	17.97	5.93	0.06	0.029	41.33	7.53	0.57	0.90	
CCE-P1908	Cycle2	476	5.94	34.23	26.96	17.87	5.90	0.06	0.029	41.32	7.52	0.57	0.90	
CCE-P1908	Cycle2	477	5.94	34.23	26.96	17.81	5.88	0.06	0.029	41.26	7.52	0.57	0.90	
CCE-P1908	Cycle2	478	5.93	34.23	26.96	17.70	5.84	0.06	0.029	41.60	7.52	0.57	0.90	
CCE-P1908	Cycle2	479	5.92	34.23	26.96	17.69	5.84	0.06	0.029	41.32	7.52	0.57	0.90	
CCE-P1908	Cycle2	480	5.91	34.23	26.96	17.61	5.81	0.06	0.029	41.30	7.52	0.57	0.90	
CCE-P1908	Cycle2	481	5.90	34.23	26.96	17.50	5.77	0.06	0.029	41.34	7.52	0.57	0.90	
CCE-P1908	Cycle2	482	5.90	34.23	26.96	17.44	5.75	0.06	0.028	41.33	7.52	0.57	0.90	
CCE-P1908	Cycle2	483	5.89	34.23	26.97	17.27	5.69	0.06	0.029	41.76	7.52	0.57	0.90	
CCE-P1908	Cycle2	484	5.89	34.23	26.97	17.10	5.64	0.06	0.029	41.75	7.52	0.57	0.90	
CCE-P1908	Cycle2	485	5.90	34.24	26.97	16.96	5.59	0.06	0.030	41.56	7.52	0.57	0.90	
CCE-P1908	Cycle2	486	5.89	34.24	26.97	16.88	5.57	0.06	0.029	41.50	7.52	0.57	0.90	
CCE-P1908	Cycle2	487	5.89	34.24	26.97	16.78	5.53	0.06	0.029	41.44	7.52	0.57	0.90	
CCE-P1908	Cycle2	488	5.88	34.24	26.97	16.69	5.50	0.06	0.029	41.53	7.52	0.57	0.90	
CCE-P1908	Cycle2	489	5.88	34.24	26.97	16.75	5.52	0.06	0.029	41.79	7.52	0.57	0.90	
CCE-P1908	Cycle2	490	5.86	34.24	26.97	16.79	5.53	0.06	0.029	41.30	7.52	0.57	0.90	
CCE-P1908	Cycle2	491	5.86	34.24	26.97	16.71	5.50	0.06	0.028	41.45	7.52	0.57	0.90	
CCE-P1908	Cycle2	492	5.85	34.24	26.98	16.66	5.49	0.06	0.028	41.33	7.52	0.57	0.90	
CCE-P1908	Cycle2	493	5.84	34.24	26.98	16.72	5.50	0.06	0.028	41.60	7.52	0.57	0.90	
CCE-P1908	Cycle2	494	5.83	34.24	26.98	16.66	5.48	0.06	0.028	41.75	7.52	0.57	0.90	
CCE-P1908	Cycle2	495	5.82	34.24	26.98	16.61	5.47	0.06	0.028	41.65	7.52	0.57	0.90	
CCE-P1908	Cycle2	496	5.81	34.24	26.98	16.55	5.45	0.06	0.028	41.81	7.52	0.57	0.90	
CCE-P1908	Cycle2	497	5.80	34.24	26.98	16.45	5.41	0.06	0.029	41.71	7.52	0.57	0.90	
CCE-P1908	Cycle2	498	5.80	34.24	26.98	16.35	5.38	0.06	0.028	41.78	7.52	0.57	0.90	
CCE-P1908	Cycle2	499	5.79	34.24	26.98	16.29	5.36	0.06	0.028	41.54	7.52	0.57	0.90	
CCE-P1908	Cycle2	500	5.78	34.24	26.98	16.18	5.32	0.06	0.029	41.66	7.52	0.57	0.89	
CCE-P1908	Cycle2	501	5.78	34.24	26.98	16.12	5.30	0.06	0.028	41.79	7.52	0.57	0.89	
CCE-P1908	Cycle2	502	5.78	34.24	26.99	16.10	5.29	0.06	0.028	41.84	7.52	0.57	0.89	
CCE-P1908	Cycle2	503	5.77	34.24	26.99	16.04	5.27	0.06	0.028	41.64	7.52	0.57	0.89	
CCE-P1908	Cycle2	504	5.76	34.24	26.99	16.03	5.27	0.06	0.028	42.02	7.52	0.57	0.89	
CCE-P1908	Cycle2	505	5.76	34.24	26.99	15.95	5.24	0.06	0.028	42.00	7.52	0.57	0.89	
CCE-P1908	Cycle2	506	5.74	34.24	26.99	15.92	5.23	0.06	0.028	41.95	7.52	0.57	0.89	
CCE-P1908	Cycle2	507	5.72	34.24	26.99	15.90	5.22	0.06	0.028	42.22	7.52	0.57	0.89	
CCE-P1908	Cycle2	508	5.71	34.24	26.99	15.92	5.23	0.06	0.028	42.03	7.52	0.57	0.89	
CCE-P1908	Cycle2	509	5.69	34.24	26.99	15.95	5.23	0.06	0.028	41.95	7.52	0.57	0.89	
CCE-P1908	Cycle2	510	5.68	34.24	26.99	15.88	5.21	0.06	0.028	42.13	7.52	0.57	0.89	
CCE-P1908	Cycle2	511	5.67	34.24	26.99	15.83	5.19	0.06	0.028	42.31	7.52	0.56	0.89	
CCE-P1908	Cycle2	512	5.66	34.24	27.00	15.69	5.14	0.06	0.027	42.49	7.52	0.56	0.89	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	513	5.66	34.24	27.00	15.59	5.11	0.06	0.027	41.83	7.52	0.56	0.89	
CCE-P1908	Cycle2	514	5.66	34.24	27.00	15.57	5.11	0.06	0.027	42.10	7.52	0.56	0.89	
CCE-P1908	Cycle2	515	5.66	34.24	27.00	15.49	5.08	0.06	0.027	42.03	7.52	0.56	0.89	
CCE-P1908	Cycle2	516	5.66	34.24	27.00	15.39	5.05	0.06	0.028	41.88	7.52	0.56	0.89	
CCE-P1908	Cycle2	517	5.65	34.24	27.00	15.32	5.02	0.06	0.027	42.10	7.52	0.56	0.89	
CCE-P1908	Cycle2	518	5.65	34.24	27.00	15.17	4.97	0.06	0.027	42.08	7.52	0.56	0.89	
CCE-P1908	Cycle2	519	5.64	34.24	27.00	15.07	4.94	0.06	0.027	42.53	7.52	0.56	0.89	
CCE-P1908	Cycle2	520	5.66	34.25	27.01	14.93	4.90	0.06	0.027	42.52	7.52	0.56	0.89	
CCE-P1908	Cycle2	521	5.60	34.24	27.01	14.92	4.88	0.06	0.027	42.45	7.52	0.56	0.89	
CCE-P1908	Cycle2	522	5.61	34.24	27.01	14.76	4.83	0.06	0.027	42.43	7.52	0.56	0.89	
CCE-P1908	Cycle2	523	5.61	34.24	27.01	14.74	4.83	0.06	0.027	42.04	7.52	0.56	0.89	
CCE-P1908	Cycle2	524	5.60	34.24	27.01	14.60	4.78	0.06	0.027	42.42	7.52	0.56	0.89	
CCE-P1908	Cycle2	525	5.59	34.25	27.01	14.54	4.76	0.06	0.027	42.67	7.52	0.56	0.89	
CCE-P1908	Cycle2	526	5.59	34.25	27.01	14.45	4.73	0.06	0.027	42.69	7.52	0.56	0.88	
CCE-P1908	Cycle2	527	5.58	34.25	27.01	14.32	4.69	0.06	0.027	42.78	7.52	0.56	0.88	
CCE-P1908	Cycle2	528	5.58	34.25	27.02	14.24	4.66	0.06	0.027	42.75	7.52	0.56	0.88	
CCE-P1908	Cycle2	529	5.57	34.25	27.02	14.09	4.61	0.06	0.027	43.50	7.52	0.56	0.88	
CCE-P1908	Cycle2	530	5.57	34.25	27.02	14.03	4.59	0.06	0.027	44.03	7.52	0.56	0.88	
CCE-P1908	Cycle2	531	5.56	34.25	27.02	13.92	4.56	0.06	0.027	43.25	7.52	0.56	0.88	
CCE-P1908	Cycle2	532	5.56	34.25	27.02	13.87	4.54	0.06	0.027	42.63	7.52	0.56	0.88	
CCE-P1908	Cycle2	533	5.55	34.25	27.02	13.83	4.53	0.06	0.027	42.36	7.52	0.56	0.88	
CCE-P1908	Cycle2	534	5.55	34.25	27.02	13.83	4.52	0.06	0.027	42.76	7.52	0.56	0.88	
CCE-P1908	Cycle2	535	5.55	34.25	27.02	13.72	4.49	0.06	0.027	42.75	7.52	0.56	0.88	
CCE-P1908	Cycle2	536	5.54	34.25	27.03	13.67	4.47	0.06	0.027	42.73	7.52	0.56	0.88	
CCE-P1908	Cycle2	537	5.53	34.25	27.03	13.65	4.46	0.06	0.027	42.67	7.52	0.56	0.88	
CCE-P1908	Cycle2	538	5.53	34.25	27.03	13.55	4.43	0.06	0.027	42.52	7.52	0.56	0.88	
CCE-P1908	Cycle2	539	5.52	34.25	27.03	13.49	4.41	0.06	0.027	42.84	7.52	0.56	0.88	
CCE-P1908	Cycle2	540	5.51	34.25	27.03	13.42	4.38	0.06	0.027	42.52	7.51	0.56	0.88	
CCE-P1908	Cycle2	541	5.50	34.26	27.03	13.38	4.37	0.06	0.027	42.47	7.51	0.56	0.88	
CCE-P1908	Cycle2	542	5.50	34.26	27.03	13.34	4.36	0.06	0.027	42.66	7.51	0.56	0.88	
CCE-P1908	Cycle2	543	5.49	34.26	27.03	13.26	4.33	0.06	0.027	42.84	7.51	0.56	0.88	
CCE-P1908	Cycle2	544	5.49	34.26	27.03	13.22	4.32	0.06	0.027	42.80	7.51	0.56	0.88	
CCE-P1908	Cycle2	545	5.48	34.26	27.04	13.16	4.30	0.06	0.027	42.75	7.51	0.56	0.88	
CCE-P1908	Cycle2	546	5.48	34.26	27.04	13.04	4.26	0.06	0.027	42.78	7.51	0.56	0.88	
CCE-P1908	Cycle2	547	5.47	34.26	27.04	12.99	4.24	0.06	0.027	42.82	7.51	0.56	0.88	
CCE-P1908	Cycle2	548	5.47	34.26	27.04	12.93	4.22	0.06	0.026	43.06	7.51	0.56	0.88	
CCE-P1908	Cycle2	549	5.47	34.26	27.04	12.88	4.20	0.06	0.027	42.36	7.51	0.56	0.88	
CCE-P1908	Cycle2	550	5.47	34.26	27.04	12.82	4.19	0.06	0.027	42.74	7.51	0.56	0.88	
CCE-P1908	Cycle2	551	5.47	34.26	27.04	12.76	4.17	0.06	0.027	43.08	7.51	0.56	0.88	
CCE-P1908	Cycle2	552	5.47	34.26	27.04	12.68	4.14	0.06	0.027	42.84	7.51	0.56	0.88	
CCE-P1908	Cycle2	553	5.46	34.26	27.04	12.62	4.12	0.06	0.028	42.57	7.51	0.56	0.88	
CCE-P1908	Cycle2	554	5.46	34.26	27.04	12.56	4.10	0.06	0.027	43.20	7.51	0.56	0.88	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	555	5.46	34.27	27.05	12.47	4.07	0.06	0.028	43.20	7.51	0.56	0.88	
CCE-P1908	Cycle2	556	5.45	34.27	27.05	12.52	4.09	0.06	0.027	43.01	7.51	0.56	0.88	
CCE-P1908	Cycle2	557	5.44	34.27	27.05	12.48	4.07	0.06	0.027	43.11	7.51	0.56	0.88	
CCE-P1908	Cycle2	558	5.43	34.27	27.05	12.43	4.05	0.06	0.027	42.88	7.51	0.56	0.88	
CCE-P1908	Cycle2	559	5.42	34.26	27.05	12.43	4.05	0.06	0.027	42.89	7.51	0.56	0.88	
CCE-P1908	Cycle2	560	5.41	34.27	27.05	12.39	4.04	0.06	0.027	43.24	7.51	0.56	0.88	
CCE-P1908	Cycle2	561	5.41	34.27	27.05	12.31	4.01	0.06	0.027	43.04	7.51	0.56	0.88	
CCE-P1908	Cycle2	562	5.40	34.27	27.05	12.27	4.00	0.06	0.026	42.91	7.51	0.56	0.87	
CCE-P1908	Cycle2	563	5.40	34.27	27.05	12.21	3.98	0.06	0.027	42.83	7.51	0.56	0.87	
CCE-P1908	Cycle2	564	5.39	34.27	27.05	12.15	3.96	0.06	0.027	42.95	7.51	0.56	0.87	
CCE-P1908	Cycle2	565	5.39	34.27	27.06	12.06	3.93	0.06	0.027	43.16	7.51	0.56	0.87	
CCE-P1908	Cycle2	566	5.38	34.27	27.06	12.07	3.93	0.06	0.027	43.05	7.51	0.55	0.87	
CCE-P1908	Cycle2	567	5.38	34.27	27.06	12.03	3.92	0.06	0.027	42.99	7.51	0.55	0.87	
CCE-P1908	Cycle2	568	5.38	34.27	27.06	11.96	3.90	0.06	0.026	42.85	7.51	0.55	0.87	
CCE-P1908	Cycle2	569	5.37	34.27	27.06	11.87	3.87	0.06	0.026	42.95	7.51	0.55	0.87	
CCE-P1908	Cycle2	570	5.36	34.27	27.06	11.90	3.87	0.06	0.026	43.18	7.51	0.55	0.87	
CCE-P1908	Cycle2	571	5.35	34.27	27.06	11.82	3.85	0.06	0.026	43.14	7.51	0.55	0.87	
CCE-P1908	Cycle2	572	5.34	34.27	27.06	11.77	3.83	0.06	0.026	43.43	7.51	0.55	0.87	
CCE-P1908	Cycle2	573	5.33	34.27	27.06	11.79	3.84	0.06	0.026	42.95	7.51	0.55	0.87	
CCE-P1908	Cycle2	574	5.33	34.27	27.06	11.74	3.82	0.06	0.026	42.90	7.51	0.55	0.87	
CCE-P1908	Cycle2	575	5.33	34.27	27.07	11.68	3.80	0.06	0.026	43.22	7.51	0.55	0.87	
CCE-P1908	Cycle2	576	5.32	34.27	27.07	11.66	3.79	0.06	0.026	43.29	7.51	0.55	0.87	
CCE-P1908	Cycle2	577	5.32	34.27	27.07	11.61	3.78	0.06	0.026	43.23	7.51	0.55	0.87	
CCE-P1908	Cycle2	578	5.32	34.27	27.07	11.52	3.75	0.06	0.026	43.58	7.51	0.55	0.87	
CCE-P1908	Cycle2	579	5.31	34.27	27.07	11.48	3.74	0.06	0.026	43.61	7.51	0.55	0.87	
CCE-P1908	Cycle2	580	5.31	34.28	27.07	11.43	3.72	0.06	0.026	43.32	7.51	0.55	0.87	
CCE-P1908	Cycle2	581	5.31	34.28	27.07	11.41	3.71	0.06	0.025	43.38	7.51	0.55	0.87	
CCE-P1908	Cycle2	582	5.30	34.28	27.07	11.38	3.70	0.06	0.025	43.73	7.51	0.55	0.87	
CCE-P1908	Cycle2	583	5.30	34.28	27.07	11.25	3.66	0.06	0.026	43.42	7.51	0.55	0.87	
CCE-P1908	Cycle2	584	5.30	34.28	27.07	11.21	3.65	0.06	0.026	43.40	7.51	0.55	0.87	
CCE-P1908	Cycle2	585	5.29	34.28	27.07	11.14	3.62	0.06	0.025	43.06	7.51	0.55	0.87	
CCE-P1908	Cycle2	586	5.29	34.28	27.08	11.09	3.61	0.06	0.026	43.16	7.51	0.55	0.87	
CCE-P1908	Cycle2	587	5.29	34.28	27.08	11.09	3.61	0.06	0.026	42.96	7.51	0.55	0.87	
CCE-P1908	Cycle2	588	5.28	34.28	27.08	11.00	3.58	0.06	0.027	43.44	7.51	0.55	0.87	
CCE-P1908	Cycle2	589	5.28	34.28	27.08	10.96	3.56	0.06	0.026	43.29	7.51	0.55	0.87	
CCE-P1908	Cycle2	590	5.27	34.28	27.08	10.97	3.57	0.06	0.026	43.41	7.51	0.55	0.87	
CCE-P1908	Cycle2	591	5.27	34.28	27.08	10.93	3.55	0.06	0.025	43.25	7.51	0.55	0.87	
CCE-P1908	Cycle2	592	5.26	34.28	27.08	10.83	3.52	0.06	0.025	43.37	7.51	0.55	0.87	
CCE-P1908	Cycle2	593	5.26	34.28	27.08	10.81	3.51	0.06	0.026	43.26	7.51	0.55	0.87	
CCE-P1908	Cycle2	594	5.26	34.28	27.08	10.81	3.51	0.06	0.026	43.43	7.51	0.55	0.87	
CCE-P1908	Cycle2	595	5.25	34.28	27.08	10.73	3.49	0.06	0.026	43.83	7.51	0.55	0.87	
CCE-P1908	Cycle2	596	5.24	34.28	27.09	10.68	3.47	0.06	0.025	43.65	7.51	0.55	0.87	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	597	5.24	34.29	27.09	10.67	3.47	0.06	0.026	43.48	7.51	0.55	0.87	
CCE-P1908	Cycle2	598	5.23	34.29	27.09	10.64	3.46	0.06	0.026	43.45	7.51	0.55	0.87	
CCE-P1908	Cycle2	599	5.23	34.29	27.09	10.56	3.43	0.06	0.025	43.42	7.51	0.55	0.87	
CCE-P1908	Cycle2	600	5.22	34.29	27.09	10.56	3.43	0.06	0.025	43.11	7.51	0.55	0.87	
CCE-P1908	Cycle2	601	5.22	34.29	27.09	10.51	3.41	0.06	0.025	43.01	7.51	0.55	0.87	
CCE-P1908	Cycle2	602	5.21	34.29	27.09	10.44	3.39	0.06	0.025	43.29	7.51	0.55	0.87	
CCE-P1908	Cycle2	603	5.21	34.29	27.09	10.43	3.39	0.06	0.025	43.39	7.51	0.55	0.87	
CCE-P1908	Cycle2	604	5.21	34.29	27.09	10.38	3.37	0.06	0.025	43.91	7.51	0.55	0.87	
CCE-P1908	Cycle2	605	5.20	34.29	27.10	10.33	3.35	0.06	0.025	43.85	7.51	0.55	0.87	
CCE-P1908	Cycle2	606	5.20	34.29	27.10	10.31	3.35	0.06	0.025	43.90	7.51	0.55	0.87	
CCE-P1908	Cycle2	607	5.20	34.29	27.10	10.25	3.33	0.06	0.025	43.86	7.51	0.55	0.87	
CCE-P1908	Cycle2	608	5.19	34.29	27.10	10.23	3.32	0.06	0.025	43.45	7.51	0.55	0.87	
CCE-P1908	Cycle2	609	5.19	34.29	27.10	10.18	3.30	0.06	0.026	43.76	7.51	0.55	0.86	
CCE-P1908	Cycle2	610	5.19	34.30	27.10	10.19	3.31	0.06	0.026	43.59	7.51	0.55	0.86	
CCE-P1908	Cycle2	611	5.18	34.30	27.10	10.18	3.30	0.06	0.026	43.36	7.51	0.55	0.86	
CCE-P1908	Cycle2	612	5.18	34.30	27.10	10.14	3.29	0.06	0.025	43.56	7.51	0.55	0.86	
CCE-P1908	Cycle2	613	5.17	34.30	27.10	10.07	3.26	0.06	0.025	43.69	7.51	0.55	0.86	
CCE-P1908	Cycle2	614	5.17	34.30	27.10	10.00	3.24	0.06	0.025	43.99	7.51	0.55	0.86	
CCE-P1908	Cycle2	615	5.17	34.30	27.11	10.00	3.24	0.06	0.025	43.60	7.51	0.55	0.86	
CCE-P1908	Cycle2	616	5.16	34.30	27.11	9.95	3.23	0.06	0.025	43.28	7.51	0.55	0.86	
CCE-P1908	Cycle2	617	5.16	34.30	27.11	9.95	3.23	0.06	0.025	43.56	7.51	0.55	0.86	
CCE-P1908	Cycle2	618	5.15	34.30	27.11	9.90	3.21	0.06	0.026	43.88	7.51	0.55	0.86	
CCE-P1908	Cycle2	619	5.15	34.30	27.11	9.84	3.19	0.06	0.025	43.89	7.51	0.55	0.86	
CCE-P1908	Cycle2	620	5.14	34.30	27.11	9.68	3.14	0.06	0.026	43.89	7.51	0.55	0.86	
CCE-P1908	Cycle2	621	5.13	34.30	27.11	9.71	3.15	0.06	0.025	43.79	7.51	0.55	0.86	
CCE-P1908	Cycle2	622	5.13	34.30	27.11	9.69	3.14	0.06	0.025	43.84	7.51	0.55	0.86	
CCE-P1908	Cycle2	623	5.12	34.30	27.12	9.65	3.13	0.06	0.026	43.39	7.51	0.55	0.86	
CCE-P1908	Cycle2	624	5.12	34.30	27.12	9.64	3.12	0.06	0.026	43.72	7.51	0.55	0.86	
CCE-P1908	Cycle2	625	5.12	34.30	27.12	9.58	3.10	0.06	0.026	43.90	7.51	0.55	0.86	
CCE-P1908	Cycle2	626	5.11	34.31	27.12	9.56	3.10	0.06	0.026	43.64	7.51	0.55	0.86	
CCE-P1908	Cycle2	627	5.11	34.31	27.12	9.56	3.10	0.06	0.026	43.62	7.51	0.55	0.86	
CCE-P1908	Cycle2	628	5.11	34.31	27.12	9.52	3.08	0.06	0.026	43.52	7.51	0.55	0.86	
CCE-P1908	Cycle2	629	5.10	34.31	27.12	9.51	3.08	0.06	0.026	43.46	7.51	0.55	0.86	
CCE-P1908	Cycle2	630	5.10	34.31	27.12	9.49	3.07	0.06	0.026	43.56	7.51	0.55	0.86	
CCE-P1908	Cycle2	631	5.09	34.31	27.12	9.43	3.05	0.06	0.025	44.03	7.51	0.55	0.86	
CCE-P1908	Cycle2	632	5.09	34.31	27.12	9.39	3.04	0.06	0.025	44.14	7.51	0.55	0.86	
CCE-P1908	Cycle2	633	5.08	34.31	27.12	9.37	3.03	0.06	0.025	44.16	7.51	0.55	0.86	
CCE-P1908	Cycle2	634	5.07	34.31	27.13	9.35	3.02	0.06	0.026	43.89	7.51	0.55	0.86	
CCE-P1908	Cycle2	635	5.07	34.31	27.13	9.36	3.03	0.06	0.026	44.53	7.51	0.55	0.86	
CCE-P1908	Cycle2	636	5.07	34.31	27.13	9.38	3.03	0.06	0.026	44.46	7.51	0.55	0.86	
CCE-P1908	Cycle2	637	5.06	34.31	27.13	9.36	3.03	0.06	0.026	43.95	7.51	0.55	0.86	
CCE-P1908	Cycle2	638	5.06	34.31	27.13	9.33	3.02	0.06	0.025	43.24	7.51	0.55	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	639	5.06	34.31	27.13	9.29	3.01	0.06	0.025	43.66	7.51	0.55	0.86	
CCE-P1908	Cycle2	640	5.06	34.31	27.13	9.27	3.00	0.06	0.026	44.12	7.51	0.55	0.86	
CCE-P1908	Cycle2	641	5.05	34.31	27.13	9.22	2.98	0.06	0.026	43.78	7.51	0.55	0.86	
CCE-P1908	Cycle2	642	5.05	34.32	27.13	9.16	2.96	0.06	0.025	43.83	7.51	0.55	0.86	
CCE-P1908	Cycle2	643	5.04	34.32	27.13	9.15	2.96	0.06	0.026	43.90	7.51	0.55	0.86	
CCE-P1908	Cycle2	644	5.04	34.32	27.14	9.19	2.97	0.06	0.026	44.03	7.51	0.55	0.86	
CCE-P1908	Cycle2	645	5.04	34.32	27.14	9.17	2.97	0.06	0.026	44.18	7.51	0.55	0.86	
CCE-P1908	Cycle2	646	5.03	34.32	27.14	9.19	2.97	0.06	0.025	44.52	7.51	0.55	0.86	
CCE-P1908	Cycle2	647	5.03	34.32	27.14	9.17	2.96	0.06	0.025	44.11	7.51	0.55	0.86	
CCE-P1908	Cycle2	648	5.03	34.32	27.14	9.14	2.95	0.06	0.026	44.08	7.50	0.55	0.86	
CCE-P1908	Cycle2	649	5.03	34.32	27.14	9.13	2.95	0.06	0.026	43.96	7.50	0.55	0.86	
CCE-P1908	Cycle2	650	5.02	34.32	27.14	9.12	2.95	0.06	0.025	44.17	7.50	0.55	0.86	
CCE-P1908	Cycle2	651	5.02	34.32	27.14	9.07	2.93	0.06	0.025	43.92	7.50	0.54	0.86	
CCE-P1908	Cycle2	652	5.02	34.32	27.14	9.08	2.93	0.06	0.025	44.07	7.50	0.54	0.86	
CCE-P1908	Cycle2	653	5.01	34.32	27.14	9.06	2.93	0.06	0.025	43.89	7.50	0.54	0.86	
CCE-P1908	Cycle2	654	5.01	34.32	27.14	9.02	2.92	0.06	0.025	43.69	7.50	0.54	0.86	
CCE-P1908	Cycle2	655	5.01	34.32	27.14	9.02	2.91	0.06	0.025	43.72	7.50	0.54	0.86	
CCE-P1908	Cycle2	656	5.00	34.32	27.14	9.01	2.91	0.06	0.025	44.01	7.50	0.54	0.86	
CCE-P1908	Cycle2	657	4.99	34.32	27.15	8.96	2.89	0.06	0.025	44.13	7.50	0.54	0.86	
CCE-P1908	Cycle2	658	4.99	34.32	27.15	8.89	2.87	0.06	0.025	44.78	7.50	0.54	0.86	
CCE-P1908	Cycle2	659	4.98	34.32	27.15	8.88	2.87	0.06	0.025	44.54	7.50	0.54	0.86	
CCE-P1908	Cycle2	660	4.98	34.33	27.15	8.91	2.88	0.06	0.025	44.28	7.50	0.54	0.86	
CCE-P1908	Cycle2	661	4.97	34.33	27.15	8.88	2.87	0.06	0.025	44.14	7.50	0.54	0.86	
CCE-P1908	Cycle2	662	4.97	34.33	27.15	8.89	2.87	0.06	0.025	44.00	7.50	0.54	0.86	
CCE-P1908	Cycle2	663	4.96	34.33	27.15	8.90	2.87	0.06	0.025	44.00	7.50	0.54	0.86	
CCE-P1908	Cycle2	664	4.96	34.33	27.15	8.86	2.86	0.06	0.025	44.25	7.50	0.54	0.86	
CCE-P1908	Cycle2	665	4.95	34.33	27.15	8.84	2.85	0.06	0.025	43.76	7.50	0.54	0.86	
CCE-P1908	Cycle2	666	4.94	34.33	27.15	8.85	2.85	0.06	0.025	44.06	7.50	0.54	0.86	
CCE-P1908	Cycle2	667	4.94	34.33	27.15	8.82	2.84	0.06	0.025	43.99	7.50	0.54	0.86	
CCE-P1908	Cycle2	668	4.94	34.33	27.16	8.77	2.83	0.06	0.025	43.84	7.50	0.54	0.86	
CCE-P1908	Cycle2	669	4.93	34.33	27.16	8.78	2.83	0.06	0.025	44.49	7.50	0.54	0.85	
CCE-P1908	Cycle2	670	4.93	34.33	27.16	8.75	2.82	0.06	0.025	44.37	7.50	0.54	0.85	
CCE-P1908	Cycle2	671	4.92	34.33	27.16	8.71	2.81	0.06	0.025	44.34	7.50	0.54	0.85	
CCE-P1908	Cycle2	672	4.92	34.33	27.16	8.73	2.81	0.06	0.026	44.42	7.50	0.54	0.85	
CCE-P1908	Cycle2	673	4.91	34.33	27.16	8.71	2.81	0.06	0.025	44.79	7.50	0.54	0.85	
CCE-P1908	Cycle2	674	4.90	34.33	27.16	8.68	2.80	0.06	0.025	44.64	7.50	0.54	0.85	
CCE-P1908	Cycle2	675	4.90	34.33	27.16	8.68	2.80	0.06	0.025	44.02	7.50	0.54	0.85	
CCE-P1908	Cycle2	676	4.90	34.33	27.16	8.69	2.80	0.06	0.025	44.19	7.50	0.54	0.85	
CCE-P1908	Cycle2	677	4.89	34.33	27.17	8.68	2.80	0.06	0.025	44.34	7.50	0.54	0.85	
CCE-P1908	Cycle2	678	4.89	34.33	27.17	8.64	2.78	0.06	0.025	44.56	7.50	0.54	0.85	
CCE-P1908	Cycle2	679	4.88	34.33	27.17	8.64	2.78	0.06	0.025	44.44	7.50	0.54	0.85	
CCE-P1908	Cycle2	680	4.88	34.33	27.17	8.64	2.78	0.06	0.025	44.75	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	681	4.88	34.34	27.17	8.62	2.78	0.06	0.025	44.60	7.50	0.54	0.85	
CCE-P1908	Cycle2	682	4.87	34.34	27.17	8.61	2.77	0.06	0.025	44.50	7.50	0.54	0.85	
CCE-P1908	Cycle2	683	4.87	34.34	27.17	8.62	2.78	0.06	0.025	44.35	7.50	0.54	0.85	
CCE-P1908	Cycle2	684	4.87	34.34	27.17	8.63	2.78	0.06	0.025	44.37	7.50	0.54	0.85	
CCE-P1908	Cycle2	685	4.86	34.34	27.17	8.62	2.77	0.06	0.025	44.38	7.50	0.54	0.85	
CCE-P1908	Cycle2	686	4.86	34.34	27.17	8.60	2.77	0.06	0.025	44.53	7.50	0.54	0.85	
CCE-P1908	Cycle2	687	4.85	34.34	27.17	8.61	2.77	0.06	0.025	44.35	7.50	0.54	0.85	
CCE-P1908	Cycle2	688	4.85	34.34	27.17	8.59	2.76	0.06	0.025	43.94	7.50	0.54	0.85	
CCE-P1908	Cycle2	689	4.84	34.34	27.18	8.60	2.77	0.06	0.025	44.15	7.50	0.54	0.85	
CCE-P1908	Cycle2	690	4.84	34.34	27.18	8.57	2.76	0.06	0.025	44.36	7.50	0.54	0.85	
CCE-P1908	Cycle2	691	4.83	34.34	27.18	8.55	2.75	0.06	0.025	44.28	7.50	0.54	0.85	
CCE-P1908	Cycle2	692	4.83	34.34	27.18	8.59	2.76	0.06	0.025	44.34	7.50	0.54	0.85	
CCE-P1908	Cycle2	693	4.83	34.34	27.18	8.59	2.76	0.06	0.025	43.89	7.50	0.54	0.85	
CCE-P1908	Cycle2	694	4.82	34.34	27.18	8.59	2.76	0.06	0.025	44.00	7.50	0.54	0.85	
CCE-P1908	Cycle2	695	4.82	34.34	27.18	8.54	2.75	0.06	0.025	44.48	7.50	0.54	0.85	
CCE-P1908	Cycle2	696	4.81	34.34	27.18	8.61	2.77	0.06	0.025	44.68	7.50	0.54	0.85	
CCE-P1908	Cycle2	697	4.81	34.34	27.18	8.57	2.75	0.06	0.025	44.37	7.50	0.54	0.85	
CCE-P1908	Cycle2	698	4.81	34.34	27.18	8.60	2.76	0.06	0.025	44.40	7.50	0.54	0.85	
CCE-P1908	Cycle2	699	4.80	34.34	27.18	8.58	2.76	0.06	0.025	44.40	7.50	0.54	0.85	
CCE-P1908	Cycle2	700	4.80	34.34	27.18	8.57	2.76	0.06	0.025	44.14	7.50	0.54	0.85	
CCE-P1908	Cycle2	701	4.79	34.34	27.19	8.55	2.75	0.06	0.025	44.23	7.50	0.54	0.85	
CCE-P1908	Cycle2	702	4.79	34.35	27.19	8.54	2.74	0.06	0.025	44.79	7.50	0.54	0.85	
CCE-P1908	Cycle2	703	4.79	34.35	27.19	8.56	2.75	0.06	0.025	44.60	7.50	0.54	0.85	
CCE-P1908	Cycle2	704	4.78	34.35	27.19	8.54	2.75	0.06	0.025	44.86	7.50	0.54	0.85	
CCE-P1908	Cycle2	705	4.78	34.35	27.19	8.51	2.73	0.06	0.025	44.65	7.50	0.54	0.85	
CCE-P1908	Cycle2	706	4.77	34.35	27.19	8.55	2.75	0.06	0.025	44.80	7.50	0.54	0.85	
CCE-P1908	Cycle2	707	4.77	34.35	27.19	8.57	2.75	0.06	0.025	45.00	7.50	0.54	0.85	
CCE-P1908	Cycle2	708	4.77	34.35	27.19	8.56	2.75	0.06	0.025	44.58	7.50	0.54	0.85	
CCE-P1908	Cycle2	709	4.77	34.35	27.19	8.55	2.75	0.06	0.025	44.08	7.50	0.54	0.85	
CCE-P1908	Cycle2	710	4.76	34.35	27.19	8.59	2.76	0.06	0.025	44.41	7.50	0.54	0.85	
CCE-P1908	Cycle2	711	4.76	34.35	27.19	8.53	2.74	0.06	0.025	44.35	7.50	0.54	0.85	
CCE-P1908	Cycle2	712	4.76	34.35	27.19	8.55	2.75	0.06	0.025	45.03	7.50	0.54	0.85	
CCE-P1908	Cycle2	713	4.75	34.35	27.20	8.57	2.75	0.06	0.025	44.47	7.50	0.54	0.85	
CCE-P1908	Cycle2	714	4.75	34.35	27.20	8.61	2.76	0.06	0.025	44.55	7.50	0.54	0.85	
CCE-P1908	Cycle2	715	4.75	34.35	27.20	8.62	2.77	0.06	0.025	44.63	7.50	0.54	0.85	
CCE-P1908	Cycle2	716	4.74	34.35	27.20	8.61	2.77	0.06	0.025	44.44	7.50	0.54	0.85	
CCE-P1908	Cycle2	717	4.74	34.35	27.20	8.61	2.76	0.06	0.025	44.48	7.50	0.54	0.85	
CCE-P1908	Cycle2	718	4.73	34.35	27.20	8.61	2.76	0.06	0.024	44.95	7.50	0.54	0.85	
CCE-P1908	Cycle2	719	4.73	34.35	27.20	8.60	2.76	0.06	0.025	44.65	7.50	0.54	0.85	
CCE-P1908	Cycle2	720	4.72	34.35	27.20	8.60	2.76	0.06	0.024	44.65	7.50	0.54	0.85	
CCE-P1908	Cycle2	721	4.72	34.35	27.20	8.58	2.75	0.06	0.024	44.83	7.50	0.54	0.85	
CCE-P1908	Cycle2	722	4.72	34.35	27.20	8.59	2.76	0.06	0.024	44.93	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	723	4.71	34.35	27.20	8.62	2.76	0.06	0.025	44.93	7.50	0.54	0.85	
CCE-P1908	Cycle2	724	4.71	34.36	27.20	8.61	2.76	0.06	0.025	44.63	7.50	0.54	0.85	
CCE-P1908	Cycle2	725	4.70	34.36	27.20	8.60	2.76	0.06	0.025	44.77	7.50	0.54	0.85	
CCE-P1908	Cycle2	726	4.70	34.36	27.20	8.62	2.77	0.06	0.024	44.95	7.50	0.54	0.85	
CCE-P1908	Cycle2	727	4.70	34.36	27.21	8.58	2.75	0.06	0.025	44.88	7.50	0.54	0.85	
CCE-P1908	Cycle2	728	4.69	34.36	27.21	8.60	2.76	0.06	0.025	45.01	7.50	0.54	0.85	
CCE-P1908	Cycle2	729	4.69	34.36	27.21	8.61	2.76	0.06	0.024	44.74	7.50	0.54	0.85	
CCE-P1908	Cycle2	730	4.68	34.36	27.21	8.63	2.77	0.06	0.024	45.03	7.50	0.54	0.85	
CCE-P1908	Cycle2	731	4.68	34.36	27.21	8.65	2.77	0.06	0.024	45.14	7.50	0.54	0.85	
CCE-P1908	Cycle2	732	4.67	34.36	27.21	8.64	2.77	0.06	0.024	45.07	7.50	0.54	0.85	
CCE-P1908	Cycle2	733	4.67	34.36	27.21	8.68	2.78	0.06	0.025	45.35	7.50	0.54	0.85	
CCE-P1908	Cycle2	734	4.67	34.36	27.21	8.67	2.78	0.06	0.024	44.77	7.50	0.54	0.85	
CCE-P1908	Cycle2	735	4.66	34.36	27.21	8.72	2.80	0.06	0.024	44.58	7.50	0.54	0.85	
CCE-P1908	Cycle2	736	4.66	34.36	27.21	8.76	2.81	0.06	0.025	45.06	7.50	0.54	0.85	
CCE-P1908	Cycle2	737	4.66	34.36	27.21	8.73	2.80	0.06	0.024	44.63	7.50	0.54	0.85	
CCE-P1908	Cycle2	738	4.65	34.36	27.22	8.75	2.80	0.06	0.024	44.89	7.50	0.54	0.85	
CCE-P1908	Cycle2	739	4.65	34.36	27.22	8.76	2.81	0.06	0.024	45.17	7.50	0.54	0.85	
CCE-P1908	Cycle2	740	4.65	34.36	27.22	8.77	2.81	0.06	0.024	45.10	7.50	0.54	0.85	
CCE-P1908	Cycle2	741	4.64	34.36	27.22	8.80	2.82	0.06	0.024	45.05	7.50	0.54	0.85	
CCE-P1908	Cycle2	742	4.64	34.36	27.22	8.77	2.81	0.06	0.024	45.24	7.50	0.54	0.85	
CCE-P1908	Cycle2	743	4.63	34.36	27.22	8.79	2.81	0.06	0.024	45.07	7.50	0.54	0.85	
CCE-P1908	Cycle2	744	4.63	34.37	27.22	8.83	2.83	0.06	0.024	45.18	7.50	0.54	0.85	
CCE-P1908	Cycle2	745	4.63	34.37	27.22	8.80	2.82	0.06	0.024	45.06	7.50	0.54	0.84	
CCE-P1908	Cycle2	746	4.62	34.37	27.22	8.83	2.83	0.06	0.024	44.63	7.50	0.54	0.84	
CCE-P1908	Cycle2	747	4.62	34.37	27.22	8.87	2.84	0.06	0.024	44.81	7.50	0.54	0.84	
CCE-P1908	Cycle2	748	4.61	34.37	27.22	8.86	2.84	0.06	0.024	44.89	7.50	0.54	0.84	
CCE-P1908	Cycle2	749	4.61	34.37	27.22	8.88	2.84	0.06	0.024	45.31	7.50	0.54	0.84	
CCE-P1908	Cycle2	750	4.61	34.37	27.22	8.88	2.84	0.06	0.025	45.30	7.50	0.54	0.84	
CCE-P1908	Cycle2	751	4.60	34.37	27.23	8.90	2.85	0.06	0.024	45.02	7.50	0.54	0.84	
CCE-P1908	Cycle2	752	4.60	34.37	27.23	8.90	2.85	0.06	0.024	44.88	7.50	0.54	0.84	
CCE-P1908	Cycle2	753	4.59	34.37	27.23	8.92	2.85	0.06	0.024	45.25	7.50	0.54	0.84	
CCE-P1908	Cycle2	754	4.59	34.37	27.23	8.93	2.86	0.06	0.024	45.25	7.50	0.54	0.84	
CCE-P1908	Cycle2	755	4.59	34.37	27.23	8.94	2.86	0.06	0.024	45.23	7.50	0.54	0.84	
CCE-P1908	Cycle2	756	4.58	34.37	27.23	8.97	2.87	0.06	0.024	45.25	7.50	0.54	0.84	
CCE-P1908	Cycle2	757	4.58	34.37	27.23	8.97	2.87	0.06	0.024	45.31	7.50	0.54	0.84	
CCE-P1908	Cycle2	758	4.58	34.37	27.23	8.97	2.87	0.06	0.024	45.25	7.50	0.54	0.84	
CCE-P1908	Cycle2	759	4.58	34.37	27.23	9.01	2.88	0.06	0.024	44.88	7.50	0.54	0.84	
CCE-P1908	Cycle2	760	4.57	34.37	27.23	9.03	2.89	0.06	0.024	45.14	7.50	0.54	0.84	
CCE-P1908	Cycle2	761	4.57	34.37	27.23	9.06	2.90	0.06	0.024	45.10	7.50	0.54	0.84	
CCE-P1908	Cycle2	762	4.56	34.37	27.23	9.06	2.90	0.06	0.024	45.45	7.50	0.54	0.84	
CCE-P1908	Cycle2	763	4.56	34.37	27.23	9.04	2.89	0.06	0.024	45.14	7.50	0.53	0.84	
CCE-P1908	Cycle2	764	4.55	34.37	27.23	9.06	2.90	0.06	0.024	45.06	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	765	4.55	34.37	27.24	9.07	2.90	0.06	0.024	45.00	7.50	0.53	0.84	
CCE-P1908	Cycle2	766	4.55	34.37	27.24	9.07	2.90	0.06	0.024	45.15	7.50	0.53	0.84	
CCE-P1908	Cycle2	767	4.54	34.37	27.24	9.14	2.92	0.06	0.024	45.12	7.50	0.53	0.84	
CCE-P1908	Cycle2	768	4.54	34.37	27.24	9.15	2.92	0.06	0.024	45.39	7.50	0.53	0.84	
CCE-P1908	Cycle2	769	4.54	34.38	27.24	9.19	2.94	0.06	0.024	45.16	7.50	0.53	0.84	
CCE-P1908	Cycle2	770	4.53	34.38	27.24	9.18	2.93	0.06	0.024	44.96	7.50	0.53	0.84	
CCE-P1908	Cycle2	771	4.53	34.38	27.24	9.18	2.93	0.06	0.025	45.29	7.50	0.53	0.84	
CCE-P1908	Cycle2	772	4.53	34.38	27.24	9.23	2.95	0.06	0.026	45.24	7.50	0.53	0.84	
CCE-P1908	Cycle2	773	4.53	34.38	27.24	9.23	2.95	0.06	0.025	45.20	7.50	0.53	0.84	
CCE-P1908	Cycle2	774	4.53	34.38	27.24	9.22	2.95	0.06	0.024	44.87	7.50	0.53	0.84	
CCE-P1908	Cycle2	775	4.53	34.38	27.24	9.25	2.96	0.06	0.024	45.08	7.50	0.53	0.84	
CCE-P1908	Cycle2	776	4.52	34.38	27.24	9.26	2.96	0.06	0.024	45.36	7.50	0.53	0.84	
CCE-P1908	Cycle2	777	4.52	34.38	27.24	9.26	2.96	0.06	0.024	45.87	7.50	0.53	0.84	
CCE-P1908	Cycle2	778	4.52	34.38	27.24	9.27	2.96	0.06	0.023	45.66	7.50	0.53	0.84	
CCE-P1908	Cycle2	779	4.51	34.38	27.24	9.27	2.96	0.06	0.024	44.95	7.50	0.53	0.84	
CCE-P1908	Cycle2	780	4.51	34.38	27.24	9.27	2.96	0.06	0.024	45.09	7.50	0.53	0.84	
CCE-P1908	Cycle2	781	4.51	34.38	27.25	9.32	2.97	0.06	0.024	45.16	7.50	0.53	0.84	
CCE-P1908	Cycle2	782	4.50	34.38	27.25	9.35	2.99	0.06	0.024	45.07	7.50	0.53	0.84	
CCE-P1908	Cycle2	783	4.50	34.38	27.25	9.38	2.99	0.06	0.024	44.86	7.50	0.53	0.84	
CCE-P1908	Cycle2	784	4.49	34.38	27.25	9.41	3.00	0.06	0.023	45.11	7.50	0.53	0.84	
CCE-P1908	Cycle2	785	4.49	34.38	27.25	9.41	3.00	0.06	0.023	44.91	7.50	0.53	0.84	
CCE-P1908	Cycle2	786	4.49	34.38	27.25	9.48	3.02	0.06	0.023	45.09	7.50	0.53	0.84	
CCE-P1908	Cycle2	787	4.48	34.38	27.25	9.49	3.03	0.06	0.023	45.33	7.50	0.53	0.84	
CCE-P1908	Cycle2	788	4.48	34.38	27.25	9.47	3.02	0.06	0.023	45.51	7.50	0.53	0.84	
CCE-P1908	Cycle2	789	4.48	34.38	27.25	9.47	3.02	0.06	0.023	45.14	7.50	0.53	0.84	
CCE-P1908	Cycle2	790	4.47	34.38	27.25	9.48	3.02	0.06	0.024	45.25	7.50	0.53	0.84	
CCE-P1908	Cycle2	791	4.47	34.38	27.25	9.55	3.05	0.06	0.023	45.12	7.50	0.53	0.84	
CCE-P1908	Cycle2	792	4.47	34.38	27.25	9.55	3.05	0.06	0.023	45.41	7.50	0.53	0.84	
CCE-P1908	Cycle2	793	4.47	34.38	27.25	9.56	3.05	0.06	0.023	45.44	7.50	0.53	0.84	
CCE-P1908	Cycle2	794	4.46	34.38	27.25	9.59	3.06	0.06	0.023	45.01	7.50	0.53	0.84	
CCE-P1908	Cycle2	795	4.46	34.38	27.25	9.60	3.06	0.06	0.023	45.29	7.50	0.53	0.84	
CCE-P1908	Cycle2	796	4.46	34.39	27.26	9.63	3.07	0.06	0.024	45.36	7.50	0.53	0.84	
CCE-P1908	Cycle2	797	4.45	34.39	27.26	9.67	3.08	0.06	0.024	45.28	7.50	0.53	0.84	
CCE-P1908	Cycle2	798	4.45	34.39	27.26	9.68	3.09	0.06	0.023	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle2	799	4.44	34.39	27.26	9.70	3.09	0.06	0.024	44.88	7.50	0.53	0.84	
CCE-P1908	Cycle2	800	4.44	34.39	27.26	9.79	3.12	0.06	0.024	45.02	7.50	0.53	0.84	
CCE-P1908	Cycle2	801	4.43	34.39	27.26	9.79	3.12	0.06	0.023	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle2	802	4.43	34.39	27.26	9.80	3.12	0.06	0.023	45.19	7.50	0.53	0.84	
CCE-P1908	Cycle2	803	4.43	34.39	27.26	9.81	3.13	0.06	0.023	45.26	7.50	0.53	0.84	
CCE-P1908	Cycle2	804	4.42	34.39	27.26	9.81	3.13	0.06	0.023	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle2	805	4.42	34.39	27.26	9.85	3.14	0.06	0.023	45.21	7.50	0.53	0.84	
CCE-P1908	Cycle2	806	4.42	34.39	27.26	9.93	3.16	0.06	0.023	45.25	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	807	4.41	34.39	27.26	10.00	3.19	0.06	0.023	45.53	7.50	0.53	0.84	
CCE-P1908	Cycle2	808	4.41	34.39	27.27	10.02	3.19	0.06	0.023	45.47	7.50	0.53	0.84	
CCE-P1908	Cycle2	809	4.41	34.39	27.27	10.03	3.19	0.06	0.023	45.45	7.50	0.53	0.84	
CCE-P1908	Cycle2	810	4.40	34.39	27.27	10.02	3.19	0.06	0.023	45.14	7.50	0.53	0.84	
CCE-P1908	Cycle2	811	4.40	34.39	27.27	10.00	3.18	0.06	0.023	45.43	7.50	0.53	0.84	
CCE-P1908	Cycle2	812	4.39	34.39	27.27	10.02	3.19	0.06	0.023	45.44	7.50	0.53	0.84	
CCE-P1908	Cycle2	813	4.39	34.39	27.27	10.06	3.20	0.06	0.023	45.31	7.50	0.53	0.84	
CCE-P1908	Cycle2	814	4.39	34.39	27.27	10.13	3.22	0.06	0.023	45.06	7.50	0.53	0.84	
CCE-P1908	Cycle2	815	4.38	34.39	27.27	10.17	3.24	0.06	0.023	45.51	7.50	0.53	0.84	
CCE-P1908	Cycle2	816	4.38	34.39	27.27	10.19	3.24	0.06	0.023	45.87	7.50	0.53	0.84	
CCE-P1908	Cycle2	817	4.38	34.39	27.27	10.20	3.25	0.06	0.023	45.81	7.50	0.53	0.84	
CCE-P1908	Cycle2	818	4.38	34.39	27.27	10.22	3.25	0.06	0.023	45.29	7.50	0.53	0.84	
CCE-P1908	Cycle2	819	4.37	34.39	27.27	10.23	3.26	0.06	0.024	45.58	7.50	0.53	0.84	
CCE-P1908	Cycle2	820	4.37	34.40	27.27	10.25	3.26	0.06	0.023	45.66	7.50	0.53	0.84	
CCE-P1908	Cycle2	821	4.37	34.40	27.27	10.28	3.27	0.06	0.023	45.70	7.50	0.53	0.84	
CCE-P1908	Cycle2	822	4.36	34.40	27.27	10.28	3.27	0.06	0.023	45.34	7.50	0.53	0.84	
CCE-P1908	Cycle2	823	4.36	34.40	27.27	10.33	3.29	0.06	0.023	45.42	7.50	0.53	0.84	
CCE-P1908	Cycle2	824	4.36	34.40	27.28	10.34	3.29	0.06	0.023	45.28	7.50	0.53	0.84	
CCE-P1908	Cycle2	825	4.35	34.40	27.28	10.39	3.31	0.06	0.023	45.21	7.50	0.53	0.84	
CCE-P1908	Cycle2	826	4.35	34.40	27.28	10.41	3.31	0.06	0.023	45.30	7.50	0.53	0.84	
CCE-P1908	Cycle2	827	4.35	34.40	27.28	10.44	3.32	0.06	0.023	45.43	7.50	0.53	0.84	
CCE-P1908	Cycle2	828	4.34	34.40	27.28	10.43	3.32	0.06	0.023	45.82	7.50	0.53	0.84	
CCE-P1908	Cycle2	829	4.34	34.40	27.28	10.46	3.33	0.06	0.023	45.50	7.50	0.53	0.84	
CCE-P1908	Cycle2	830	4.34	34.40	27.28	10.50	3.34	0.06	0.023	45.30	7.50	0.53	0.84	
CCE-P1908	Cycle2	831	4.33	34.40	27.28	10.50	3.34	0.06	0.023	45.07	7.50	0.53	0.84	
CCE-P1908	Cycle2	832	4.33	34.40	27.28	10.52	3.35	0.06	0.024	45.35	7.50	0.53	0.84	
CCE-P1908	Cycle2	833	4.32	34.40	27.28	10.55	3.35	0.06	0.023	45.44	7.50	0.53	0.84	
CCE-P1908	Cycle2	834	4.32	34.40	27.28	10.62	3.38	0.06	0.024	45.69	7.50	0.53	0.84	
CCE-P1908	Cycle2	835	4.32	34.40	27.28	10.62	3.37	0.06	0.023	45.61	7.50	0.53	0.84	
CCE-P1908	Cycle2	836	4.31	34.40	27.28	10.67	3.39	0.06	0.023	45.09	7.50	0.53	0.84	
CCE-P1908	Cycle2	837	4.31	34.40	27.28	10.70	3.40	0.06	0.023	45.03	7.50	0.53	0.84	
CCE-P1908	Cycle2	838	4.31	34.40	27.28	10.70	3.40	0.06	0.023	44.86	7.50	0.53	0.84	
CCE-P1908	Cycle2	839	4.31	34.40	27.28	10.73	3.41	0.06	0.023	45.17	7.50	0.53	0.84	
CCE-P1908	Cycle2	840	4.30	34.40	27.29	10.73	3.41	0.06	0.023	45.63	7.50	0.53	0.83	
CCE-P1908	Cycle2	841	4.30	34.40	27.29	10.74	3.41	0.06	0.023	45.47	7.50	0.53	0.83	
CCE-P1908	Cycle2	842	4.30	34.40	27.29	10.76	3.42	0.06	0.023	45.39	7.50	0.53	0.83	
CCE-P1908	Cycle2	843	4.29	34.40	27.29	10.77	3.42	0.06	0.023	45.45	7.50	0.53	0.83	
CCE-P1908	Cycle2	844	4.29	34.40	27.29	10.82	3.44	0.06	0.023	45.58	7.50	0.53	0.83	
CCE-P1908	Cycle2	845	4.29	34.40	27.29	10.87	3.45	0.06	0.023	45.60	7.50	0.53	0.83	
CCE-P1908	Cycle2	846	4.28	34.40	27.29	10.90	3.46	0.06	0.023	45.58	7.50	0.53	0.83	
CCE-P1908	Cycle2	847	4.28	34.40	27.29	10.93	3.47	0.06	0.023	45.54	7.50	0.53	0.83	
CCE-P1908	Cycle2	848	4.27	34.40	27.29	10.94	3.47	0.06	0.023	45.43	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	849	4.27	34.40	27.29	10.98	3.49	0.06	0.023	45.36	7.50	0.53	0.83	
CCE-P1908	Cycle2	850	4.26	34.40	27.29	11.03	3.50	0.06	0.023	46.00	7.50	0.53	0.83	
CCE-P1908	Cycle2	851	4.26	34.41	27.29	11.07	3.51	0.06	0.023	45.93	7.50	0.53	0.83	
CCE-P1908	Cycle2	852	4.25	34.41	27.29	11.09	3.52	0.06	0.023	45.83	7.50	0.53	0.83	
CCE-P1908	Cycle2	853	4.25	34.41	27.29	11.13	3.53	0.06	0.023	45.54	7.50	0.53	0.83	
CCE-P1908	Cycle2	854	4.25	34.41	27.29	11.13	3.53	0.06	0.023	45.42	7.50	0.53	0.83	
CCE-P1908	Cycle2	855	4.25	34.41	27.30	11.16	3.54	0.06	0.023	45.43	7.50	0.53	0.83	
CCE-P1908	Cycle2	856	4.24	34.41	27.30	11.18	3.55	0.06	0.023	45.61	7.50	0.53	0.83	
CCE-P1908	Cycle2	857	4.24	34.41	27.30	11.23	3.56	0.06	0.023	45.57	7.50	0.53	0.83	
CCE-P1908	Cycle2	858	4.23	34.41	27.30	11.31	3.59	0.06	0.023	45.52	7.50	0.53	0.83	
CCE-P1908	Cycle2	859	4.23	34.41	27.30	11.33	3.59	0.06	0.023	45.38	7.50	0.53	0.83	
CCE-P1908	Cycle2	860	4.23	34.41	27.30	11.32	3.59	0.06	0.023	45.33	7.50	0.53	0.83	
CCE-P1908	Cycle2	861	4.22	34.41	27.30	11.31	3.59	0.06	0.023	45.54	7.50	0.53	0.83	
CCE-P1908	Cycle2	862	4.22	34.41	27.30	11.34	3.60	0.06	0.023	45.92	7.50	0.53	0.83	
CCE-P1908	Cycle2	863	4.22	34.41	27.30	11.38	3.61	0.06	0.024	45.65	7.50	0.53	0.83	
CCE-P1908	Cycle2	864	4.21	34.41	27.30	11.37	3.60	0.06	0.023	45.53	7.50	0.53	0.83	
CCE-P1908	Cycle2	865	4.21	34.41	27.30	11.38	3.61	0.06	0.023	45.74	7.50	0.53	0.83	
CCE-P1908	Cycle2	866	4.20	34.41	27.30	11.46	3.63	0.06	0.023	45.68	7.50	0.53	0.83	
CCE-P1908	Cycle2	867	4.20	34.41	27.30	11.50	3.65	0.06	0.023	45.81	7.50	0.53	0.83	
CCE-P1908	Cycle2	868	4.20	34.41	27.30	11.55	3.66	0.06	0.023	45.78	7.50	0.53	0.83	
CCE-P1908	Cycle2	869	4.19	34.41	27.30	11.55	3.66	0.06	0.023	45.94	7.50	0.53	0.83	
CCE-P1908	Cycle2	870	4.19	34.41	27.31	11.57	3.67	0.06	0.023	45.77	7.50	0.53	0.83	
CCE-P1908	Cycle2	871	4.19	34.41	27.31	11.62	3.68	0.06	0.023	45.95	7.50	0.53	0.83	
CCE-P1908	Cycle2	872	4.18	34.41	27.31	11.67	3.70	0.06	0.023	45.98	7.50	0.53	0.83	
CCE-P1908	Cycle2	873	4.18	34.41	27.31	11.74	3.72	0.06	0.023	46.37	7.50	0.53	0.83	
CCE-P1908	Cycle2	874	4.18	34.41	27.31	11.72	3.71	0.06	0.023	45.98	7.50	0.53	0.83	
CCE-P1908	Cycle2	875	4.17	34.41	27.31	11.74	3.72	0.06	0.023	45.35	7.50	0.53	0.83	
CCE-P1908	Cycle2	876	4.17	34.41	27.31	11.77	3.73	0.06	0.023	45.41	7.50	0.53	0.83	
CCE-P1908	Cycle2	877	4.17	34.41	27.31	11.84	3.75	0.06	0.023	45.25	7.50	0.53	0.83	
CCE-P1908	Cycle2	878	4.16	34.41	27.31	11.87	3.76	0.06	0.023	45.26	7.50	0.53	0.83	
CCE-P1908	Cycle2	879	4.16	34.41	27.31	11.91	3.77	0.06	0.023	45.67	7.50	0.53	0.83	
CCE-P1908	Cycle2	880	4.16	34.42	27.31	11.96	3.79	0.06	0.023	46.26	7.50	0.53	0.83	
CCE-P1908	Cycle2	881	4.15	34.42	27.31	11.99	3.80	0.06	0.024	45.69	7.50	0.53	0.83	
CCE-P1908	Cycle2	882	4.15	34.42	27.31	12.02	3.81	0.06	0.023	45.58	7.50	0.53	0.83	
CCE-P1908	Cycle2	883	4.15	34.42	27.31	12.04	3.81	0.06	0.023	45.70	7.50	0.53	0.83	
CCE-P1908	Cycle2	884	4.14	34.42	27.31	12.04	3.81	0.06	0.023	45.93	7.50	0.53	0.83	
CCE-P1908	Cycle2	885	4.14	34.42	27.31	12.06	3.82	0.06	0.023	45.32	7.50	0.53	0.83	
CCE-P1908	Cycle2	886	4.14	34.42	27.32	12.09	3.83	0.06	0.023	46.03	7.50	0.53	0.83	
CCE-P1908	Cycle2	887	4.14	34.42	27.32	12.11	3.83	0.06	0.023	45.63	7.50	0.53	0.83	
CCE-P1908	Cycle2	888	4.13	34.42	27.32	12.14	3.84	0.06	0.023	45.17	7.50	0.53	0.83	
CCE-P1908	Cycle2	889	4.13	34.42	27.32	12.23	3.87	0.06	0.023	45.59	7.50	0.53	0.83	
CCE-P1908	Cycle2	890	4.13	34.42	27.32	12.24	3.87	0.06	0.024	45.88	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	891	4.12	34.42	27.32	12.30	3.89	0.06	0.023	45.87	7.50	0.53	0.83	
CCE-P1908	Cycle2	892	4.12	34.42	27.32	12.33	3.90	0.06	0.023	45.60	7.50	0.53	0.83	
CCE-P1908	Cycle2	893	4.12	34.42	27.32	12.36	3.91	0.06	0.023	45.69	7.50	0.53	0.83	
CCE-P1908	Cycle2	894	4.11	34.42	27.32	12.42	3.93	0.06	0.023	45.80	7.50	0.53	0.83	
CCE-P1908	Cycle2	895	4.11	34.42	27.32	12.44	3.94	0.06	0.023	45.77	7.50	0.53	0.83	
CCE-P1908	Cycle2	896	4.11	34.42	27.32	12.49	3.95	0.06	0.023	45.50	7.50	0.53	0.83	
CCE-P1908	Cycle2	897	4.11	34.42	27.32	12.53	3.96	0.06	0.023	45.52	7.50	0.53	0.83	
CCE-P1908	Cycle2	898	4.10	34.42	27.32	12.57	3.97	0.06	0.023	45.68	7.50	0.53	0.83	
CCE-P1908	Cycle2	899	4.10	34.42	27.32	12.66	4.00	0.07	0.023	45.35	7.50	0.52	0.83	
CCE-P1908	Cycle2	900	4.09	34.42	27.32	12.73	4.02	0.06	0.023	45.10	7.50	0.52	0.83	
CCE-P1908	Cycle2	901	4.09	34.42	27.32	12.72	4.02	0.06	0.023	44.92	7.50	0.52	0.83	
CCE-P1908	Cycle2	902	4.09	34.42	27.33	12.75	4.03	0.06	0.023	45.37	7.50	0.52	0.83	
CCE-P1908	Cycle2	903	4.08	34.42	27.33	12.74	4.03	0.06	0.023	45.76	7.50	0.52	0.83	
CCE-P1908	Cycle2	904	4.08	34.42	27.33	12.76	4.04	0.06	0.023	45.69	7.50	0.52	0.83	
CCE-P1908	Cycle2	905	4.08	34.42	27.33	12.86	4.07	0.06	0.023	45.61	7.50	0.52	0.83	
CCE-P1908	Cycle2	906	4.08	34.42	27.33	12.87	4.07	0.06	0.023	45.84	7.50	0.52	0.83	
CCE-P1908	Cycle2	907	4.08	34.42	27.33	12.86	4.06	0.06	0.023	45.95	7.50	0.52	0.83	
CCE-P1908	Cycle2	908	4.07	34.42	27.33	12.87	4.07	0.06	0.023	45.72	7.50	0.52	0.83	
CCE-P1908	Cycle2	909	4.07	34.43	27.33	12.87	4.07	0.06	0.023	45.90	7.50	0.52	0.83	
CCE-P1908	Cycle2	910	4.07	34.43	27.33	12.91	4.08	0.06	0.024	45.61	7.50	0.52	0.83	
CCE-P1908	Cycle2	911	4.07	34.43	27.33	12.97	4.10	0.06	0.023	46.31	7.50	0.52	0.83	
CCE-P1908	Cycle2	912	4.06	34.43	27.33	13.04	4.12	0.06	0.023	46.01	7.50	0.52	0.83	
CCE-P1908	Cycle2	913	4.06	34.43	27.33	12.99	4.10	0.06	0.023	45.73	7.50	0.52	0.83	
CCE-P1908	Cycle2	914	4.05	34.43	27.33	13.05	4.12	0.06	0.023	46.18	7.50	0.52	0.83	
CCE-P1908	Cycle2	915	4.05	34.43	27.33	13.05	4.12	0.06	0.023	46.01	7.50	0.52	0.83	
CCE-P1908	Cycle2	916	4.04	34.43	27.33	13.07	4.13	0.06	0.023	45.94	7.50	0.52	0.83	
CCE-P1908	Cycle2	917	4.04	34.43	27.33	13.15	4.15	0.06	0.023	45.93	7.50	0.52	0.83	
CCE-P1908	Cycle2	918	4.04	34.43	27.33	13.18	4.16	0.06	0.023	45.89	7.50	0.52	0.83	
CCE-P1908	Cycle2	919	4.03	34.43	27.33	13.20	4.17	0.06	0.023	45.68	7.50	0.52	0.83	
CCE-P1908	Cycle2	920	4.03	34.43	27.34	13.20	4.17	0.06	0.023	45.36	7.50	0.52	0.83	
CCE-P1908	Cycle2	921	4.03	34.43	27.34	13.25	4.18	0.06	0.023	45.42	7.50	0.52	0.83	
CCE-P1908	Cycle2	922	4.03	34.43	27.34	13.38	4.23	0.06	0.023	45.80	7.50	0.52	0.83	
CCE-P1908	Cycle2	923	4.03	34.43	27.34	13.40	4.23	0.06	0.023	45.69	7.50	0.52	0.83	
CCE-P1908	Cycle2	924	4.02	34.43	27.34	13.47	4.25	0.06	0.022	45.61	7.50	0.52	0.83	
CCE-P1908	Cycle2	925	4.02	34.43	27.34	13.51	4.26	0.06	0.023	45.93	7.50	0.52	0.83	
CCE-P1908	Cycle2	926	4.02	34.43	27.34	13.51	4.26	0.06	0.023	45.90	7.50	0.52	0.83	
CCE-P1908	Cycle2	927	4.02	34.43	27.34	13.61	4.29	0.06	0.023	45.59	7.50	0.52	0.83	
CCE-P1908	Cycle2	928	4.01	34.43	27.34	13.61	4.29	0.06	0.023	45.80	7.50	0.52	0.83	
CCE-P1908	Cycle2	929	4.01	34.43	27.34	13.62	4.30	0.06	0.022	46.38	7.50	0.52	0.83	
CCE-P1908	Cycle2	930	4.01	34.43	27.34	13.63	4.30	0.06	0.023	45.84	7.50	0.52	0.83	
CCE-P1908	Cycle2	931	4.01	34.43	27.34	13.65	4.31	0.06	0.023	46.02	7.50	0.52	0.82	
CCE-P1908	Cycle2	932	4.00	34.43	27.34	13.67	4.31	0.06	0.023	46.11	7.50	0.52	0.82	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	933	4.00	34.43	27.34	13.71	4.33	0.06	0.023	46.11	7.50	0.52	0.82	
CCE-P1908	Cycle2	934	4.00	34.43	27.34	13.74	4.33	0.06	0.023	45.79	7.50	0.52	0.82	
CCE-P1908	Cycle2	935	3.99	34.43	27.34	13.82	4.36	0.06	0.023	45.81	7.50	0.52	0.82	
CCE-P1908	Cycle2	936	3.99	34.43	27.34	13.87	4.37	0.06	0.023	45.61	7.50	0.52	0.82	
CCE-P1908	Cycle2	937	3.99	34.43	27.34	13.91	4.39	0.06	0.023	45.94	7.50	0.52	0.82	
CCE-P1908	Cycle2	938	3.98	34.43	27.34	13.97	4.41	0.06	0.022	45.99	7.50	0.52	0.82	
CCE-P1908	Cycle2	939	3.98	34.43	27.35	13.96	4.40	0.06	0.022	45.80	7.50	0.52	0.82	
CCE-P1908	Cycle2	940	3.98	34.43	27.35	13.96	4.40	0.06	0.022	45.65	7.50	0.52	0.82	
CCE-P1908	Cycle2	941	3.97	34.43	27.35	14.10	4.44	0.06	0.022	46.12	7.50	0.52	0.82	
CCE-P1908	Cycle2	942	3.97	34.43	27.35	14.11	4.45	0.06	0.023	45.94	7.50	0.52	0.82	
CCE-P1908	Cycle2	943	3.96	34.44	27.35	14.14	4.46	0.06	0.022	46.19	7.50	0.52	0.82	
CCE-P1908	Cycle2	944	3.96	34.44	27.35	14.17	4.47	0.06	0.022	46.15	7.50	0.52	0.82	
CCE-P1908	Cycle2	945	3.96	34.44	27.35	14.26	4.49	0.06	0.022	46.08	7.50	0.52	0.82	
CCE-P1908	Cycle2	946	3.96	34.44	27.35	14.28	4.50	0.06	0.022	46.08	7.50	0.52	0.82	
CCE-P1908	Cycle2	947	3.95	34.44	27.35	14.30	4.51	0.06	0.022	45.99	7.50	0.52	0.82	
CCE-P1908	Cycle2	948	3.95	34.44	27.35	14.32	4.51	0.06	0.022	45.66	7.50	0.52	0.82	
CCE-P1908	Cycle2	949	3.95	34.44	27.35	14.42	4.54	0.06	0.022	45.76	7.50	0.52	0.82	
CCE-P1908	Cycle2	950	3.94	34.44	27.35	14.42	4.54	0.06	0.022	46.03	7.50	0.52	0.82	
CCE-P1908	Cycle2	951	3.94	34.44	27.35	14.45	4.55	0.06	0.022	45.97	7.50	0.52	0.82	
CCE-P1908	Cycle2	952	3.94	34.44	27.35	14.51	4.57	0.06	0.022	46.04	7.50	0.52	0.82	
CCE-P1908	Cycle2	953	3.93	34.44	27.35	14.59	4.59	0.06	0.022	45.89	7.50	0.52	0.82	
CCE-P1908	Cycle2	954	3.93	34.44	27.35	14.61	4.60	0.06	0.022	45.65	7.50	0.52	0.82	
CCE-P1908	Cycle2	955	3.93	34.44	27.35	14.60	4.60	0.06	0.022	45.68	7.50	0.52	0.82	
CCE-P1908	Cycle2	956	3.93	34.44	27.35	14.64	4.61	0.06	0.022	45.77	7.50	0.52	0.82	
CCE-P1908	Cycle2	957	3.93	34.44	27.35	14.71	4.63	0.06	0.022	45.96	7.50	0.52	0.82	
CCE-P1908	Cycle2	958	3.92	34.44	27.36	14.75	4.64	0.06	0.022	45.86	7.50	0.52	0.82	
CCE-P1908	Cycle2	959	3.92	34.44	27.36	14.76	4.65	0.06	0.022	45.85	7.50	0.52	0.82	
CCE-P1908	Cycle2	960	3.92	34.44	27.36	14.78	4.66	0.06	0.022	46.15	7.50	0.52	0.82	
CCE-P1908	Cycle2	961	3.92	34.44	27.36	14.87	4.68	0.06	0.024	45.85	7.50	0.52	0.82	
CCE-P1908	Cycle2	962	3.91	34.44	27.36	14.91	4.69	0.06	0.022	45.85	7.50	0.52	0.82	
CCE-P1908	Cycle2	963	3.91	34.44	27.36	14.99	4.72	0.06	0.022	46.01	7.50	0.52	0.82	
CCE-P1908	Cycle2	964	3.91	34.44	27.36	15.08	4.75	0.06	0.022	46.26	7.50	0.52	0.82	
CCE-P1908	Cycle2	965	3.90	34.44	27.36	15.15	4.77	0.06	0.022	46.03	7.50	0.52	0.82	
CCE-P1908	Cycle2	966	3.90	34.44	27.36	15.15	4.77	0.06	0.022	45.82	7.50	0.52	0.82	
CCE-P1908	Cycle2	967	3.90	34.44	27.36	15.27	4.81	0.06	0.022	46.03	7.50	0.52	0.82	
CCE-P1908	Cycle2	968	3.89	34.44	27.36	15.27	4.81	0.06	0.023	45.72	7.50	0.52	0.82	
CCE-P1908	Cycle2	969	3.89	34.44	27.36	15.27	4.81	0.06	0.022	45.91	7.50	0.52	0.82	
CCE-P1908	Cycle2	970	3.89	34.44	27.36	15.37	4.84	0.06	0.022	46.15	7.50	0.52	0.82	
CCE-P1908	Cycle2	971	3.89	34.44	27.36	15.40	4.85	0.06	0.022	46.08	7.51	0.52	0.82	
CCE-P1908	Cycle2	972	3.89	34.44	27.36	15.43	4.85	0.06	0.022	46.03	7.51	0.52	0.82	
CCE-P1908	Cycle2	973	3.88	34.44	27.36	15.42	4.85	0.06	0.022	45.99	7.50	0.52	0.82	
CCE-P1908	Cycle2	974	3.88	34.44	27.36	15.42	4.85	0.06	0.022	46.25	7.50	0.52	0.82	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle2	975	3.87	34.45	27.37	15.60	4.91	0.06	0.023	45.73	7.51	0.52	0.82	
CCE-P1908	Cycle2	976	3.87	34.45	27.37	15.64	4.92	0.06	0.022	46.16	7.51	0.52	0.82	
CCE-P1908	Cycle2	977	3.87	34.45	27.37	15.69	4.93	0.06	0.022	46.22	7.51	0.52	0.82	
CCE-P1908	Cycle2	978	3.87	34.45	27.37	15.78	4.96	0.06	0.022	45.85	7.51	0.52	0.82	
CCE-P1908	Cycle2	979	3.86	34.45	27.37	15.84	4.98	0.06	0.021	45.95	7.51	0.52	0.82	
CCE-P1908	Cycle2	980	3.86	34.45	27.37	15.87	4.99	0.06	0.021	45.69	7.51	0.52	0.82	
CCE-P1908	Cycle2	981	3.86	34.45	27.37	15.89	5.00	0.06	0.022	46.08	7.51	0.52	0.82	
CCE-P1908	Cycle2	982	3.86	34.45	27.37	15.95	5.01	0.06	0.022	46.26	7.51	0.52	0.82	
CCE-P1908	Cycle2	983	3.85	34.45	27.37	15.97	5.02	0.06	0.022	45.95	7.51	0.52	0.82	
CCE-P1908	Cycle2	984	3.85	34.45	27.37	16.02	5.04	0.06	0.022	46.10	7.51	0.52	0.82	
CCE-P1908	Cycle2	985	3.85	34.45	27.37	16.05	5.05	0.06	0.022	46.32	7.51	0.52	0.82	
CCE-P1908	Cycle2	986	3.84	34.45	27.37	16.11	5.06	0.06	0.021	45.98	7.51	0.52	0.82	
CCE-P1908	Cycle2	987	3.84	34.45	27.37	16.19	5.09	0.06	0.022	46.08	7.51	0.52	0.82	
CCE-P1908	Cycle2	988	3.84	34.45	27.37	16.16	5.08	0.06	0.022	46.05	7.51	0.52	0.82	
CCE-P1908	Cycle2	989	3.84	34.45	27.37	16.20	5.09	0.06	0.021	46.23	7.51	0.52	0.82	
CCE-P1908	Cycle2	990	3.83	34.45	27.37	16.27	5.11	0.06	0.022	46.34	7.51	0.52	0.82	
CCE-P1908	Cycle2	991	3.82	34.45	27.37	16.32	5.13	0.06	0.021	46.25	7.51	0.52	0.82	
CCE-P1908	Cycle2	992	3.82	34.45	27.37	16.35	5.14	0.06	0.021	46.18	7.51	0.52	0.82	
CCE-P1908	Cycle2	993	3.82	34.45	27.37	16.44	5.17	0.06	0.021	46.18	7.51	0.52	0.82	
CCE-P1908	Cycle2	994	3.81	34.45	27.38	16.62	5.22	0.06	0.021	45.98	7.51	0.52	0.82	
CCE-P1908	Cycle2	995	3.80	34.45	27.38	16.95	5.32	0.06	0.021	45.88	7.51	0.52	0.82	
CCE-P1908	Cycle2	996	3.76	34.46	27.39	17.71	5.55	0.06	0.021		7.51	0.52	0.82	
CCE-P1908	Cycle2	997	3.76	34.46	27.39	17.75	5.57	0.06	0.021		7.51	0.52	0.82	
CCE-P1908	Cycle2	998	3.76	34.46	27.39	17.86	5.60	0.06	0.022		7.51	0.52	0.82	
CCE-P1908	Cycle2	999	3.75	34.46	27.39	17.91	5.62	0.06	0.022		7.51	0.52	0.82	
CCE-P1908	Cycle2	1000	3.75	34.46	27.39	18.18	5.70	0.06	0.021		7.51	0.52	0.81	
CCE-P1908	Cycle3	2	16.52	33.51	24.48	255.37	105.20	0.14	0.152	2.01	8.05	2.53	3.93	
CCE-P1908	Cycle3	3	16.68	33.51	24.44	255.36	105.52	0.13	0.154	1.76	8.06	2.55	3.97	
CCE-P1908	Cycle3	4	16.70	33.51	24.44	255.43	105.58	0.13	0.153	2.19	8.06	2.56	3.98	
CCE-P1908	Cycle3	5	16.68	33.51	24.44	255.40	105.54	0.13	0.152	2.02	8.06	2.56	3.98	
CCE-P1908	Cycle3	6	16.67	33.51	24.45	255.47	105.55	0.13	0.155	1.98	8.06	2.55	3.97	
CCE-P1908	Cycle3	7	16.63	33.51	24.46	255.41	105.43	0.13	0.153	1.90	8.06	2.55	3.96	
CCE-P1908	Cycle3	8	16.56	33.51	24.47	255.89	105.49	0.13	0.156	1.70	8.06	2.54	3.95	
CCE-P1908	Cycle3	9	16.52	33.51	24.48	255.81	105.38	0.13	0.160	1.64	8.06	2.53	3.94	
CCE-P1908	Cycle3	10	16.39	33.51	24.51	256.51	105.39	0.14	0.164	1.77	8.05	2.51	3.91	
CCE-P1908	Cycle3	11	16.18	33.51	24.56	258.35	105.72	0.15	0.164	1.89	8.05	2.49	3.88	
CCE-P1908	Cycle3	12	15.92	33.53	24.63	259.44	105.63	0.15	0.175	1.99	8.05	2.46	3.83	
CCE-P1908	Cycle3	13	15.72	33.53	24.68	260.22	105.54	0.14	0.174	1.98	8.05	2.43	3.79	
CCE-P1908	Cycle3	14	15.50	33.54	24.73	260.02	105.01	0.14	0.177	2.19	8.05	2.39	3.73	
CCE-P1908	Cycle3	15	15.36	33.54	24.76	259.79	104.63	0.14	0.172	2.64	8.04	2.37	3.69	
CCE-P1908	Cycle3	16	15.23	33.54	24.79	259.29	104.18	0.14	0.172	2.73	8.04	2.35	3.66	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	17	15.03	33.54	24.83	258.78	103.57	0.14	0.175	2.98	8.04	2.31	3.60	
CCE-P1908	Cycle3	18	14.80	33.55	24.89	259.06	103.21	0.14	0.173	2.89	8.03	2.27	3.54	
CCE-P1908	Cycle3	19	14.68	33.56	24.92	259.20	103.05	0.14	0.174	3.38	8.03	2.25	3.52	
CCE-P1908	Cycle3	20	14.53	33.56	24.96	258.77	102.58	0.14	0.175	3.73	8.03	2.23	3.47	
CCE-P1908	Cycle3	21	14.21	33.57	25.03	257.90	101.59	0.14	0.168	3.99	8.02	2.17	3.39	
CCE-P1908	Cycle3	22	13.88	33.58	25.11	256.43	100.33	0.13	0.166	4.39	8.01	2.11	3.29	
CCE-P1908	Cycle3	23	13.64	33.59	25.17	254.77	99.21	0.13	0.166	4.59	8.01	2.06	3.22	
CCE-P1908	Cycle3	24	13.45	33.59	25.21	253.96	98.53	0.12	0.161	5.03	8.00	2.03	3.17	
CCE-P1908	Cycle3	25	13.34	33.60	25.24	252.43	97.69	0.12	0.158	5.84	8.00	2.00	3.12	
CCE-P1908	Cycle3	26	13.19	33.60	25.27	249.26	96.19	0.11	0.153	5.83	7.99	1.96	3.06	
CCE-P1908	Cycle3	27	13.05	33.60	25.30	244.31	94.03	0.11	0.152	6.02	7.98	1.91	2.99	
CCE-P1908	Cycle3	28	12.85	33.59	25.33	237.79	91.12	0.11	0.148	6.72	7.96	1.85	2.89	
CCE-P1908	Cycle3	29	12.59	33.58	25.37	234.08	89.21	0.11	0.140	7.51	7.95	1.79	2.80	
CCE-P1908	Cycle3	30	12.43	33.57	25.40	233.10	88.54	0.11	0.134	8.34	7.95	1.76	2.76	
CCE-P1908	Cycle3	31	12.31	33.57	25.42	231.61	87.74	0.10	0.130	8.51	7.94	1.74	2.72	
CCE-P1908	Cycle3	32	12.20	33.56	25.43	226.68	85.65	0.10	0.120	9.65	7.93	1.70	2.66	
CCE-P1908	Cycle3	33	12.04	33.55	25.46	222.33	83.70	0.11	0.116	10.11	7.92	1.66	2.59	
CCE-P1908	Cycle3	34	11.94	33.56	25.48	218.80	82.21	0.11	0.113	10.52	7.92	1.63	2.55	
CCE-P1908	Cycle3	35	11.85	33.56	25.50	216.90	81.34	0.10	0.112	11.11	7.91	1.61	2.52	
CCE-P1908	Cycle3	36	11.79	33.56	25.51	214.24	80.24	0.10	0.109	11.69	7.91	1.59	2.49	
CCE-P1908	Cycle3	37	11.76	33.57	25.52	211.11	79.01	0.10	0.107	12.30	7.90	1.57	2.46	
CCE-P1908	Cycle3	38	11.72	33.57	25.53	208.85	78.11	0.10	0.106	12.19	7.89	1.55	2.43	
CCE-P1908	Cycle3	39	11.68	33.58	25.55	206.33	77.11	0.10	0.103	12.64	7.89	1.54	2.41	
CCE-P1908	Cycle3	40	11.63	33.59	25.56	203.76	76.06	0.10	0.102	13.37	7.88	1.52	2.38	
CCE-P1908	Cycle3	41	11.61	33.60	25.58	200.47	74.81	0.10	0.103	13.34	7.88	1.50	2.36	
CCE-P1908	Cycle3	42	11.53	33.61	25.60	196.23	73.09	0.10	0.097	13.89	7.87	1.47	2.31	
CCE-P1908	Cycle3	43	11.43	33.61	25.61	192.66	71.61	0.10	0.093	14.37	7.86	1.45	2.27	
CCE-P1908	Cycle3	44	11.36	33.61	25.63	190.19	70.60	0.09	0.090	15.23	7.86	1.43	2.24	
CCE-P1908	Cycle3	45	11.32	33.62	25.64	188.81	70.03	0.09	0.086	15.71	7.86	1.42	2.22	
CCE-P1908	Cycle3	46	11.31	33.62	25.65	187.79	69.65	0.09	0.082	16.24	7.85	1.41	2.22	
CCE-P1908	Cycle3	47	11.29	33.63	25.66	185.91	68.93	0.09	0.083	16.17	7.85	1.40	2.20	
CCE-P1908	Cycle3	48	11.25	33.64	25.67	184.15	68.21	0.09	0.080	16.23	7.85	1.39	2.18	
CCE-P1908	Cycle3	49	11.15	33.64	25.69	182.15	67.33	0.09	0.080	16.63	7.84	1.37	2.15	
CCE-P1908	Cycle3	50	11.00	33.63	25.71	180.84	66.62	0.09	0.078	17.07	7.84	1.35	2.11	
CCE-P1908	Cycle3	51	10.92	33.63	25.72	180.13	66.24	0.08	0.076	17.39	7.83	1.33	2.09	
CCE-P1908	Cycle3	52	10.87	33.63	25.73	179.15	65.80	0.08	0.072	17.97	7.83	1.32	2.08	
CCE-P1908	Cycle3	53	10.79	33.62	25.74	179.43	65.78	0.08	0.071	18.24	7.83	1.32	2.07	
CCE-P1908	Cycle3	54	10.47	33.60	25.78	179.74	65.43	0.08	0.068	18.96	7.83	1.28	2.01	
CCE-P1908	Cycle3	55	10.38	33.60	25.79	180.71	65.64	0.08	0.068	19.06	7.83	1.27	2.00	
CCE-P1908	Cycle3	56	10.31	33.59	25.80	182.06	66.02	0.08	0.066	19.12	7.83	1.27	1.99	
CCE-P1908	Cycle3	57	10.23	33.58	25.80	183.29	66.35	0.08	0.063	18.92	7.83	1.26	1.99	
CCE-P1908	Cycle3	58	10.19	33.58	25.81	184.39	66.68	0.08	0.065	18.86	7.83	1.26	1.98	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	59	10.10	33.57	25.82	186.59	67.35	0.08	0.065	18.89	7.83	1.26	1.98	
CCE-P1908	Cycle3	60	9.94	33.55	25.83	188.83	67.91	0.08	0.070	18.97	7.84	1.25	1.96	
CCE-P1908	Cycle3	61	9.76	33.53	25.85	191.03	68.43	0.08	0.066	19.04	7.84	1.23	1.94	
CCE-P1908	Cycle3	62	9.68	33.53	25.86	191.29	68.40	0.08	0.064	18.72	7.84	1.22	1.92	
CCE-P1908	Cycle3	63	9.59	33.53	25.87	190.20	67.88	0.08	0.061	18.61	7.83	1.21	1.90	
CCE-P1908	Cycle3	64	9.55	33.53	25.88	187.75	66.95	0.08	0.060	18.35	7.83	1.19	1.88	
CCE-P1908	Cycle3	65	9.48	33.54	25.90	186.00	66.23	0.08	0.059	19.26	7.82	1.18	1.86	
CCE-P1908	Cycle3	66	9.44	33.55	25.91	184.99	65.82	0.08	0.061	19.31	7.82	1.17	1.85	
CCE-P1908	Cycle3	67	9.43	33.56	25.92	182.67	64.99	0.08	0.058	19.63	7.82	1.16	1.84	
CCE-P1908	Cycle3	68	9.42	33.58	25.94	179.68	63.92	0.08	0.059	19.81	7.81	1.15	1.82	
CCE-P1908	Cycle3	69	9.42	33.59	25.95	178.09	63.35	0.08	0.059	20.01	7.81	1.15	1.81	
CCE-P1908	Cycle3	70	9.41	33.60	25.96	177.16	63.01	0.08	0.057	20.55	7.81	1.14	1.81	
CCE-P1908	Cycle3	71	9.40	33.60	25.96	175.57	62.43	0.08	0.058	20.79	7.81	1.14	1.80	
CCE-P1908	Cycle3	72	9.39	33.61	25.97	173.77	61.78	0.08	0.058	20.82	7.80	1.13	1.79	
CCE-P1908	Cycle3	73	9.38	33.62	25.98	171.95	61.13	0.08	0.058	20.96	7.80	1.13	1.78	
CCE-P1908	Cycle3	74	9.38	33.63	25.99	170.09	60.47	0.08	0.057	21.39	7.80	1.12	1.77	
CCE-P1908	Cycle3	75	9.37	33.64	26.00	168.76	59.99	0.08	0.057	21.54	7.79	1.12	1.76	
CCE-P1908	Cycle3	76	9.36	33.65	26.01	167.08	59.39	0.08	0.058	21.41	7.79	1.11	1.75	
CCE-P1908	Cycle3	77	9.36	33.66	26.02	164.73	58.55	0.08	0.056	21.83	7.79	1.10	1.74	
CCE-P1908	Cycle3	78	9.36	33.67	26.02	162.63	57.82	0.08	0.055	22.48	7.78	1.10	1.73	
CCE-P1908	Cycle3	79	9.37	33.68	26.03	160.86	57.19	0.08	0.056	22.38	7.78	1.09	1.72	
CCE-P1908	Cycle3	80	9.37	33.69	26.04	158.45	56.34	0.08	0.058	22.84	7.78	1.08	1.71	
CCE-P1908	Cycle3	81	9.37	33.70	26.04	156.46	55.64	0.08	0.055	22.55	7.77	1.08	1.70	
CCE-P1908	Cycle3	82	9.36	33.71	26.05	155.58	55.32	0.08	0.055	22.73	7.77	1.08	1.70	
CCE-P1908	Cycle3	83	9.35	33.72	26.06	154.75	55.02	0.08	0.055	22.85	7.77	1.07	1.69	
CCE-P1908	Cycle3	84	9.35	33.73	26.07	153.40	54.54	0.08	0.055	22.77	7.77	1.07	1.68	
CCE-P1908	Cycle3	85	9.35	33.73	26.07	151.93	54.01	0.08	0.055	23.26	7.77	1.06	1.68	
CCE-P1908	Cycle3	86	9.34	33.74	26.08	150.63	53.55	0.08	0.054	23.52	7.77	1.06	1.67	
CCE-P1908	Cycle3	87	9.33	33.75	26.09	149.64	53.20	0.08	0.056	23.39	7.76	1.05	1.66	
CCE-P1908	Cycle3	88	9.33	33.76	26.09	148.68	52.85	0.08	0.054	23.75	7.76	1.05	1.66	
CCE-P1908	Cycle3	89	9.32	33.77	26.10	147.84	52.54	0.07	0.054	23.85	7.76	1.05	1.65	
CCE-P1908	Cycle3	90	9.31	33.77	26.11	147.29	52.34	0.07	0.054	23.80	7.76	1.05	1.65	
CCE-P1908	Cycle3	91	9.31	33.77	26.11	146.70	52.13	0.07	0.053	23.64	7.76	1.04	1.64	
CCE-P1908	Cycle3	92	9.30	33.78	26.11	145.21	51.60	0.07	0.054	23.89	7.76	1.04	1.64	
CCE-P1908	Cycle3	93	9.29	33.79	26.12	143.94	51.13	0.07	0.054	24.23	7.75	1.03	1.63	
CCE-P1908	Cycle3	94	9.28	33.79	26.13	143.09	50.82	0.07	0.058	24.30	7.75	1.03	1.62	
CCE-P1908	Cycle3	95	9.27	33.80	26.14	142.34	50.55	0.07	0.054	24.44	7.75	1.03	1.62	
CCE-P1908	Cycle3	96	9.25	33.81	26.15	140.68	49.94	0.07	0.053	24.40	7.75	1.02	1.61	
CCE-P1908	Cycle3	97	9.24	33.82	26.16	138.30	49.09	0.07	0.053	24.51	7.74	1.01	1.60	
CCE-P1908	Cycle3	98	9.25	33.83	26.16	137.13	48.68	0.07	0.052	24.45	7.74	1.01	1.59	
CCE-P1908	Cycle3	99	9.24	33.83	26.16	135.81	48.21	0.07	0.053	25.01	7.74	1.01	1.58	
CCE-P1908	Cycle3	100	9.23	33.84	26.17	134.50	47.73	0.07	0.053	24.90	7.74	1.00	1.58	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	101	9.23	33.84	26.18	133.50	47.38	0.07	0.055	25.20	7.74	1.00	1.57	
CCE-P1908	Cycle3	102	9.22	33.85	26.18	132.65	47.07	0.07	0.054	25.42	7.73	0.99	1.57	
CCE-P1908	Cycle3	103	9.21	33.85	26.19	131.05	46.49	0.07	0.053	25.32	7.73	0.99	1.56	
CCE-P1908	Cycle3	104	9.21	33.86	26.20	129.18	45.83	0.07	0.055	25.52	7.73	0.98	1.55	
CCE-P1908	Cycle3	105	9.21	33.87	26.20	127.31	45.17	0.07	0.054	25.40	7.73	0.98	1.54	
CCE-P1908	Cycle3	106	9.21	33.88	26.21	125.65	44.58	0.07	0.053	25.71	7.72	0.97	1.53	
CCE-P1908	Cycle3	107	9.22	33.88	26.21	123.81	43.94	0.07	0.053	26.06	7.72	0.97	1.53	
CCE-P1908	Cycle3	108	9.22	33.89	26.21	122.08	43.33	0.07	0.053	25.95	7.72	0.96	1.52	
CCE-P1908	Cycle3	109	9.22	33.90	26.22	121.41	43.09	0.07	0.052	26.11	7.72	0.96	1.52	
CCE-P1908	Cycle3	110	9.22	33.90	26.22	121.27	43.04	0.07	0.052	26.36	7.72	0.96	1.51	
CCE-P1908	Cycle3	111	9.21	33.90	26.23	121.16	42.99	0.07	0.053	26.46	7.72	0.96	1.51	
CCE-P1908	Cycle3	112	9.20	33.91	26.23	120.75	42.83	0.07	0.052	26.17	7.72	0.96	1.51	
CCE-P1908	Cycle3	113	9.19	33.91	26.24	120.24	42.65	0.07	0.052	26.49	7.71	0.95	1.51	
CCE-P1908	Cycle3	114	9.18	33.92	26.24	119.40	42.34	0.07	0.051	26.69	7.71	0.95	1.50	
CCE-P1908	Cycle3	115	9.17	33.92	26.25	117.72	41.74	0.07	0.053	26.36	7.71	0.95	1.49	
CCE-P1908	Cycle3	116	9.16	33.92	26.25	116.75	41.39	0.07	0.051	26.38	7.71	0.94	1.49	
CCE-P1908	Cycle3	117	9.14	33.93	26.26	116.00	41.11	0.07	0.052	26.62	7.71	0.94	1.48	
CCE-P1908	Cycle3	118	9.13	33.93	26.26	115.63	40.97	0.07	0.050	27.06	7.71	0.94	1.48	
CCE-P1908	Cycle3	119	9.13	33.93	26.27	115.31	40.85	0.07	0.050	27.39	7.71	0.94	1.47	
CCE-P1908	Cycle3	120	9.11	33.94	26.27	114.81	40.66	0.07	0.050	26.84	7.71	0.93	1.47	
CCE-P1908	Cycle3	121	9.11	33.94	26.27	114.45	40.53	0.06	0.050	26.55	7.70	0.93	1.47	
CCE-P1908	Cycle3	122	9.09	33.94	26.28	113.92	40.33	0.06	0.051	26.85	7.70	0.93	1.46	
CCE-P1908	Cycle3	123	9.08	33.94	26.28	113.39	40.14	0.06	0.050	27.54	7.70	0.93	1.46	
CCE-P1908	Cycle3	124	9.06	33.95	26.29	113.07	40.00	0.06	0.049	27.46	7.70	0.92	1.46	
CCE-P1908	Cycle3	125	9.04	33.95	26.29	112.57	39.81	0.06	0.050	27.28	7.70	0.92	1.45	
CCE-P1908	Cycle3	126	9.02	33.95	26.30	111.96	39.58	0.06	0.051	27.52	7.70	0.92	1.45	
CCE-P1908	Cycle3	127	9.02	33.95	26.30	111.80	39.52	0.06	0.049	27.53	7.70	0.92	1.45	
CCE-P1908	Cycle3	128	9.00	33.96	26.30	111.72	39.48	0.06	0.049	28.01	7.70	0.92	1.44	
CCE-P1908	Cycle3	129	8.99	33.96	26.30	111.38	39.35	0.06	0.050	28.08	7.70	0.91	1.44	
CCE-P1908	Cycle3	130	8.99	33.96	26.31	111.05	39.23	0.06	0.048	27.83	7.70	0.91	1.44	
CCE-P1908	Cycle3	131	8.98	33.96	26.31	110.64	39.08	0.06	0.048	28.04	7.70	0.91	1.44	
CCE-P1908	Cycle3	132	8.97	33.96	26.31	110.20	38.91	0.06	0.048	27.47	7.70	0.91	1.43	
CCE-P1908	Cycle3	133	8.95	33.97	26.32	109.65	38.71	0.06	0.048	27.53	7.69	0.91	1.43	
CCE-P1908	Cycle3	134	8.94	33.97	26.32	109.36	38.59	0.06	0.049	27.59	7.69	0.90	1.43	
CCE-P1908	Cycle3	135	8.93	33.97	26.33	109.39	38.60	0.06	0.048	27.67	7.69	0.90	1.42	
CCE-P1908	Cycle3	136	8.91	33.97	26.33	109.48	38.62	0.06	0.048	28.03	7.69	0.90	1.42	
CCE-P1908	Cycle3	137	8.90	33.97	26.33	109.60	38.64	0.06	0.050	28.36	7.69	0.90	1.42	
CCE-P1908	Cycle3	138	8.88	33.97	26.34	109.97	38.76	0.06	0.049	27.99	7.69	0.90	1.42	
CCE-P1908	Cycle3	139	8.85	33.98	26.34	109.97	38.74	0.06	0.048	27.67	7.69	0.90	1.42	
CCE-P1908	Cycle3	140	8.83	33.98	26.35	109.60	38.59	0.06	0.047	27.64	7.69	0.90	1.41	
CCE-P1908	Cycle3	141	8.81	33.98	26.35	109.95	38.70	0.06	0.047	27.97	7.69	0.90	1.41	
CCE-P1908	Cycle3	142	8.79	33.98	26.36	110.73	38.95	0.06	0.047	27.81	7.69	0.90	1.41	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	143	8.76	33.98	26.36	111.46	39.18	0.06	0.047	28.14	7.70	0.90	1.41	
CCE-P1908	Cycle3	144	8.75	33.99	26.37	112.07	39.39	0.06	0.046	27.89	7.70	0.90	1.41	
CCE-P1908	Cycle3	145	8.74	33.98	26.37	112.29	39.46	0.06	0.046	28.30	7.70	0.90	1.41	
CCE-P1908	Cycle3	146	8.73	33.99	26.37	111.85	39.29	0.06	0.046	28.63	7.70	0.89	1.41	
CCE-P1908	Cycle3	147	8.72	33.99	26.37	111.44	39.14	0.06	0.045	28.53	7.70	0.89	1.41	
CCE-P1908	Cycle3	148	8.70	33.99	26.38	110.86	38.92	0.06	0.045	28.18	7.69	0.89	1.40	
CCE-P1908	Cycle3	149	8.69	33.99	26.38	110.44	38.76	0.06	0.046	28.07	7.69	0.89	1.40	
CCE-P1908	Cycle3	150	8.69	34.00	26.38	110.30	38.72	0.06	0.045	28.57	7.69	0.89	1.40	
CCE-P1908	Cycle3	151	8.67	34.00	26.39	109.79	38.52	0.06	0.045	28.83	7.69	0.88	1.39	
CCE-P1908	Cycle3	152	8.67	34.00	26.39	108.33	38.01	0.06	0.044	28.68	7.69	0.88	1.39	
CCE-P1908	Cycle3	153	8.67	34.00	26.39	107.83	37.83	0.06	0.044	28.11	7.69	0.88	1.39	
CCE-P1908	Cycle3	154	8.65	34.00	26.39	107.03	37.54	0.06	0.045	28.03	7.69	0.88	1.38	
CCE-P1908	Cycle3	155	8.63	34.00	26.40	106.03	37.17	0.06	0.044	28.68	7.69	0.87	1.37	
CCE-P1908	Cycle3	156	8.61	34.01	26.40	105.10	36.83	0.06	0.044	29.05	7.68	0.87	1.37	
CCE-P1908	Cycle3	157	8.60	34.01	26.41	104.45	36.59	0.06	0.045	28.93	7.68	0.86	1.36	
CCE-P1908	Cycle3	158	8.59	34.01	26.41	104.14	36.47	0.06	0.046	29.49	7.68	0.86	1.36	
CCE-P1908	Cycle3	159	8.57	34.01	26.41	103.88	36.37	0.06	0.045	29.41	7.68	0.86	1.36	
CCE-P1908	Cycle3	160	8.55	34.01	26.42	103.75	36.31	0.06	0.045	28.95	7.68	0.86	1.36	
CCE-P1908	Cycle3	161	8.54	34.01	26.42	103.45	36.20	0.06	0.044	28.58	7.68	0.86	1.35	
CCE-P1908	Cycle3	162	8.53	34.01	26.42	102.57	35.89	0.06	0.044	29.33	7.68	0.86	1.35	
CCE-P1908	Cycle3	163	8.53	34.02	26.42	101.47	35.50	0.06	0.044	29.35	7.68	0.85	1.34	
CCE-P1908	Cycle3	164	8.52	34.02	26.43	100.48	35.15	0.06	0.043	29.50	7.68	0.85	1.34	
CCE-P1908	Cycle3	165	8.51	34.02	26.43	99.71	34.87	0.06	0.044	29.60	7.67	0.85	1.34	
CCE-P1908	Cycle3	166	8.51	34.02	26.43	99.19	34.68	0.06	0.044	29.91	7.67	0.84	1.33	
CCE-P1908	Cycle3	167	8.49	34.02	26.44	98.71	34.50	0.06	0.044	29.78	7.67	0.84	1.33	
CCE-P1908	Cycle3	168	8.48	34.03	26.44	98.20	34.32	0.06	0.044	29.61	7.67	0.84	1.33	
CCE-P1908	Cycle3	169	8.46	34.03	26.44	97.86	34.19	0.06	0.043	29.56	7.67	0.84	1.32	
CCE-P1908	Cycle3	170	8.45	34.03	26.45	97.78	34.15	0.06	0.043	29.66	7.67	0.84	1.32	
CCE-P1908	Cycle3	171	8.44	34.03	26.45	98.03	34.23	0.06	0.042	29.97	7.67	0.84	1.32	
CCE-P1908	Cycle3	172	8.41	34.03	26.45	98.61	34.41	0.06	0.043	30.23	7.67	0.84	1.32	
CCE-P1908	Cycle3	173	8.38	34.03	26.46	98.37	34.30	0.06	0.042	29.99	7.67	0.83	1.32	
CCE-P1908	Cycle3	174	8.36	34.03	26.46	97.54	33.99	0.06	0.042	30.08	7.67	0.83	1.31	
CCE-P1908	Cycle3	175	8.34	34.03	26.46	96.67	33.68	0.06	0.042	30.26	7.67	0.83	1.30	
CCE-P1908	Cycle3	176	8.32	34.03	26.47	96.02	33.43	0.06	0.042	30.25	7.67	0.82	1.30	
CCE-P1908	Cycle3	177	8.31	34.03	26.47	95.28	33.17	0.06	0.042	29.97	7.67	0.82	1.30	
CCE-P1908	Cycle3	178	8.29	34.03	26.47	93.90	32.68	0.06	0.041	30.34	7.66	0.82	1.29	
CCE-P1908	Cycle3	179	8.28	34.04	26.48	92.30	32.11	0.06	0.042	30.55	7.66	0.81	1.28	
CCE-P1908	Cycle3	180	8.27	34.04	26.48	91.32	31.77	0.06	0.041	30.97	7.66	0.81	1.28	
CCE-P1908	Cycle3	181	8.26	34.04	26.48	90.76	31.57	0.06	0.042	30.75	7.66	0.81	1.27	
CCE-P1908	Cycle3	182	8.26	34.04	26.49	90.10	31.33	0.06	0.041	31.16	7.66	0.81	1.27	
CCE-P1908	Cycle3	183	8.25	34.04	26.49	89.37	31.08	0.06	0.041	31.06	7.66	0.80	1.27	
CCE-P1908	Cycle3	184	8.24	34.05	26.49	88.35	30.72	0.06	0.041	30.82	7.65	0.80	1.26	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	185	8.24	34.05	26.50	87.38	30.38	0.06	0.041	30.56	7.65	0.80	1.26	
CCE-P1908	Cycle3	186	8.23	34.05	26.50	86.64	30.11	0.06	0.041	31.04	7.65	0.80	1.26	
CCE-P1908	Cycle3	187	8.23	34.05	26.50	85.96	29.88	0.06	0.040	30.85	7.65	0.79	1.25	
CCE-P1908	Cycle3	188	8.22	34.06	26.50	85.27	29.63	0.06	0.041	31.12	7.65	0.79	1.25	
CCE-P1908	Cycle3	189	8.21	34.06	26.51	84.64	29.41	0.06	0.041	30.93	7.65	0.79	1.25	
CCE-P1908	Cycle3	190	8.20	34.06	26.51	84.28	29.28	0.06	0.041	31.77	7.65	0.79	1.24	
CCE-P1908	Cycle3	191	8.20	34.06	26.51	83.80	29.11	0.06	0.040	31.72	7.65	0.79	1.24	
CCE-P1908	Cycle3	192	8.17	34.06	26.51	82.64	28.69	0.06	0.040	31.34	7.64	0.78	1.23	
CCE-P1908	Cycle3	193	8.18	34.07	26.52	82.19	28.54	0.06	0.039	31.75	7.64	0.78	1.23	
CCE-P1908	Cycle3	194	8.17	34.07	26.52	81.51	28.29	0.06	0.039	31.66	7.64	0.78	1.23	
CCE-P1908	Cycle3	195	8.16	34.07	26.52	81.29	28.21	0.06	0.039	31.73	7.64	0.78	1.23	
CCE-P1908	Cycle3	196	8.14	34.07	26.52	81.07	28.12	0.06	0.040	31.66	7.64	0.78	1.23	
CCE-P1908	Cycle3	197	8.13	34.07	26.53	80.80	28.03	0.06	0.039	31.66	7.64	0.78	1.22	
CCE-P1908	Cycle3	198	8.12	34.07	26.53	80.69	27.98	0.06	0.039	31.67	7.64	0.77	1.22	
CCE-P1908	Cycle3	199	8.11	34.07	26.53	80.62	27.95	0.06	0.039	31.71	7.64	0.77	1.22	
CCE-P1908	Cycle3	200	8.10	34.07	26.53	80.47	27.89	0.06	0.038	32.05	7.64	0.77	1.22	
CCE-P1908	Cycle3	201	8.08	34.07	26.53	80.49	27.88	0.06	0.038	31.74	7.64	0.77	1.22	
CCE-P1908	Cycle3	202	8.08	34.07	26.54	78.14	27.07	0.06	0.038	32.49	7.64	0.77	1.21	
CCE-P1908	Cycle3	203	8.07	34.07	26.54	78.12	27.06	0.06	0.038	32.32	7.64	0.77	1.21	
CCE-P1908	Cycle3	204	8.07	34.07	26.54	78.04	27.03	0.06	0.039	31.94	7.64	0.77	1.21	
CCE-P1908	Cycle3	205	8.06	34.07	26.54	78.09	27.04	0.06	0.038	32.15	7.64	0.77	1.21	
CCE-P1908	Cycle3	206	8.04	34.07	26.54	78.08	27.02	0.06	0.038	32.64	7.64	0.76	1.21	
CCE-P1908	Cycle3	207	8.03	34.07	26.54	77.75	26.90	0.07	0.038	32.11	7.63	0.76	1.20	
CCE-P1908	Cycle3	208	8.01	34.07	26.55	77.27	26.73	0.06	0.038	31.50	7.63	0.76	1.20	
CCE-P1908	Cycle3	209	8.00	34.07	26.55	76.64	26.50	0.06	0.038	31.49	7.63	0.76	1.20	
CCE-P1908	Cycle3	210	8.00	34.07	26.55	76.02	26.29	0.06	0.037	32.19	7.63	0.76	1.19	
CCE-P1908	Cycle3	211	8.00	34.08	26.55	75.76	26.20	0.06	0.037	32.48	7.63	0.76	1.19	
CCE-P1908	Cycle3	212	7.99	34.08	26.55	76.10	26.31	0.06	0.038	32.41	7.63	0.76	1.19	
CCE-P1908	Cycle3	213	7.96	34.07	26.56	76.16	26.31	0.06	0.038	32.86	7.63	0.75	1.19	
CCE-P1908	Cycle3	214	7.93	34.07	26.56	75.81	26.17	0.06	0.038	33.49	7.63	0.75	1.19	
CCE-P1908	Cycle3	215	7.91	34.08	26.56	75.44	26.03	0.06	0.039	33.05	7.63	0.75	1.18	
CCE-P1908	Cycle3	216	7.90	34.08	26.57	75.23	25.96	0.06	0.037	32.97	7.63	0.75	1.18	
CCE-P1908	Cycle3	217	7.89	34.08	26.57	75.07	25.89	0.06	0.037	32.41	7.63	0.75	1.18	
CCE-P1908	Cycle3	218	7.87	34.08	26.57	74.89	25.82	0.06	0.037	32.38	7.63	0.75	1.18	
CCE-P1908	Cycle3	219	7.85	34.08	26.57	74.95	25.83	0.06	0.037	32.79	7.63	0.75	1.18	
CCE-P1908	Cycle3	220	7.83	34.08	26.58	75.20	25.90	0.06	0.037	32.88	7.63	0.74	1.18	
CCE-P1908	Cycle3	221	7.79	34.07	26.58	75.47	25.97	0.06	0.038	32.67	7.63	0.74	1.17	
CCE-P1908	Cycle3	222	7.75	34.07	26.58	75.53	25.97	0.06	0.036	33.51	7.63	0.74	1.17	
CCE-P1908	Cycle3	223	7.74	34.07	26.58	75.10	25.81	0.06	0.037	33.63	7.63	0.74	1.17	
CCE-P1908	Cycle3	224	7.73	34.07	26.59	74.52	25.61	0.06	0.036	33.26	7.63	0.74	1.16	
CCE-P1908	Cycle3	225	7.72	34.07	26.59	74.00	25.42	0.06	0.036	33.41	7.63	0.74	1.16	
CCE-P1908	Cycle3	226	7.71	34.07	26.59	73.31	25.19	0.06	0.036	33.03	7.62	0.73	1.16	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	227	7.71	34.07	26.59	72.70	24.97	0.06	0.036	33.37	7.62	0.73	1.16	
CCE-P1908	Cycle3	228	7.70	34.08	26.60	71.79	24.66	0.06	0.035	33.34	7.62	0.73	1.15	
CCE-P1908	Cycle3	229	7.71	34.08	26.60	70.96	24.37	0.06	0.035	33.30	7.62	0.73	1.15	
CCE-P1908	Cycle3	230	7.71	34.08	26.60	70.46	24.20	0.06	0.035	33.64	7.62	0.73	1.15	
CCE-P1908	Cycle3	231	7.69	34.08	26.60	70.30	24.14	0.06	0.036	33.82	7.62	0.73	1.15	
CCE-P1908	Cycle3	232	7.67	34.08	26.60	70.65	24.25	0.06	0.035	33.29	7.62	0.73	1.15	
CCE-P1908	Cycle3	233	7.64	34.08	26.61	70.93	24.33	0.06	0.035	32.93	7.62	0.73	1.15	
CCE-P1908	Cycle3	234	7.63	34.08	26.61	70.97	24.34	0.06	0.036	33.36	7.62	0.72	1.14	
CCE-P1908	Cycle3	235	7.62	34.08	26.61	70.90	24.31	0.06	0.035	33.75	7.62	0.72	1.14	
CCE-P1908	Cycle3	236	7.61	34.08	26.61	70.66	24.22	0.06	0.035	33.27	7.62	0.72	1.14	
CCE-P1908	Cycle3	237	7.60	34.08	26.62	70.13	24.03	0.06	0.034	33.19	7.62	0.72	1.14	
CCE-P1908	Cycle3	238	7.59	34.08	26.62	69.49	23.81	0.06	0.035	33.88	7.62	0.72	1.14	
CCE-P1908	Cycle3	239	7.57	34.08	26.62	68.77	23.55	0.06	0.034	33.88	7.62	0.72	1.13	
CCE-P1908	Cycle3	240	7.55	34.08	26.62	68.47	23.44	0.06	0.035	33.79	7.62	0.72	1.13	
CCE-P1908	Cycle3	241	7.54	34.08	26.62	68.57	23.46	0.06	0.036	33.69	7.62	0.71	1.13	
CCE-P1908	Cycle3	242	7.51	34.08	26.62	68.44	23.40	0.06	0.036	33.35	7.62	0.71	1.13	
CCE-P1908	Cycle3	243	7.50	34.08	26.63	67.94	23.23	0.06	0.035	33.82	7.61	0.71	1.12	
CCE-P1908	Cycle3	244	7.49	34.08	26.63	67.76	23.16	0.06	0.035	34.05	7.61	0.71	1.12	
CCE-P1908	Cycle3	245	7.47	34.08	26.63	67.57	23.08	0.06	0.035	33.91	7.61	0.71	1.12	
CCE-P1908	Cycle3	246	7.46	34.08	26.63	67.38	23.02	0.06	0.035	34.11	7.61	0.71	1.12	
CCE-P1908	Cycle3	247	7.44	34.08	26.63	67.31	22.98	0.06	0.035	33.84	7.61	0.71	1.12	
CCE-P1908	Cycle3	248	7.42	34.08	26.64	67.22	22.94	0.06	0.034	34.28	7.61	0.71	1.11	
CCE-P1908	Cycle3	249	7.40	34.08	26.64	67.43	23.00	0.06	0.034	34.42	7.61	0.71	1.11	
CCE-P1908	Cycle3	250	7.39	34.08	26.64	67.62	23.06	0.06	0.034	34.58	7.61	0.70	1.11	
CCE-P1908	Cycle3	251	7.38	34.08	26.64	67.70	23.08	0.06	0.035	34.67	7.61	0.70	1.11	
CCE-P1908	Cycle3	252	7.38	34.08	26.64	67.47	23.00	0.06	0.034	34.28	7.61	0.70	1.11	
CCE-P1908	Cycle3	253	7.38	34.08	26.64	66.68	22.73	0.06	0.035	34.04	7.61	0.70	1.11	
CCE-P1908	Cycle3	254	7.37	34.08	26.64	66.17	22.56	0.06	0.035	34.45	7.61	0.70	1.11	
CCE-P1908	Cycle3	255	7.36	34.08	26.65	65.76	22.41	0.06	0.034	34.72	7.61	0.70	1.11	
CCE-P1908	Cycle3	256	7.37	34.08	26.65	65.43	22.30	0.06	0.034	34.93	7.61	0.70	1.10	
CCE-P1908	Cycle3	257	7.37	34.09	26.65	64.96	22.14	0.06	0.033	35.14	7.61	0.70	1.10	
CCE-P1908	Cycle3	258	7.37	34.09	26.65	64.45	21.97	0.06	0.034	35.05	7.61	0.70	1.10	
CCE-P1908	Cycle3	259	7.36	34.09	26.65	63.98	21.80	0.06	0.034	35.08	7.61	0.70	1.10	
CCE-P1908	Cycle3	260	7.36	34.09	26.66	63.52	21.65	0.06	0.034	35.47	7.61	0.70	1.10	
CCE-P1908	Cycle3	261	7.37	34.09	26.66	63.19	21.54	0.06	0.035	35.35	7.61	0.70	1.10	
CCE-P1908	Cycle3	262	7.36	34.09	26.66	62.89	21.43	0.06	0.034	34.84	7.61	0.69	1.10	
CCE-P1908	Cycle3	263	7.35	34.09	26.66	62.65	21.34	0.06	0.033	35.31	7.60	0.69	1.09	
CCE-P1908	Cycle3	264	7.33	34.09	26.66	62.16	21.17	0.06	0.033	35.02	7.60	0.69	1.09	
CCE-P1908	Cycle3	265	7.32	34.09	26.66	62.06	21.13	0.06	0.033	34.99	7.60	0.69	1.09	
CCE-P1908	Cycle3	266	7.31	34.09	26.66	61.94	21.09	0.06	0.033	34.71	7.60	0.69	1.09	
CCE-P1908	Cycle3	267	7.29	34.09	26.67	61.90	21.06	0.06	0.033	34.95	7.60	0.69	1.09	
CCE-P1908	Cycle3	268	7.27	34.09	26.67	61.83	21.03	0.06	0.034	34.96	7.60	0.69	1.09	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	269	7.26	34.09	26.67	61.93	21.05	0.06	0.033	35.32	7.60	0.69	1.09	
CCE-P1908	Cycle3	270	7.24	34.09	26.67	61.99	21.07	0.06	0.033	35.16	7.60	0.69	1.08	
CCE-P1908	Cycle3	271	7.23	34.09	26.67	61.91	21.04	0.06	0.033	34.77	7.60	0.69	1.08	
CCE-P1908	Cycle3	272	7.22	34.09	26.67	61.78	20.99	0.06	0.033	35.05	7.60	0.69	1.08	
CCE-P1908	Cycle3	273	7.22	34.09	26.67	61.61	20.93	0.06	0.033	35.16	7.60	0.69	1.08	
CCE-P1908	Cycle3	274	7.20	34.09	26.68	61.41	20.86	0.06	0.036	35.28	7.60	0.68	1.08	
CCE-P1908	Cycle3	275	7.20	34.09	26.68	61.42	20.85	0.06	0.033	34.52	7.60	0.68	1.08	
CCE-P1908	Cycle3	276	7.19	34.09	26.68	61.27	20.80	0.06	0.033	34.85	7.60	0.68	1.08	
CCE-P1908	Cycle3	277	7.18	34.09	26.68	61.00	20.70	0.06	0.034	35.09	7.60	0.68	1.08	
CCE-P1908	Cycle3	278	7.17	34.09	26.68	60.67	20.58	0.06	0.033	35.21	7.60	0.68	1.07	
CCE-P1908	Cycle3	279	7.15	34.09	26.68	60.38	20.48	0.06	0.033	34.41	7.60	0.68	1.07	
CCE-P1908	Cycle3	280	7.14	34.09	26.68	60.04	20.36	0.06	0.034	34.81	7.60	0.68	1.07	
CCE-P1908	Cycle3	281	7.13	34.09	26.69	59.70	20.24	0.06	0.034	35.49	7.60	0.68	1.07	
CCE-P1908	Cycle3	282	7.12	34.09	26.69	58.97	19.99	0.06	0.033	35.09	7.60	0.68	1.07	
CCE-P1908	Cycle3	283	7.13	34.09	26.69	58.43	19.81	0.06	0.033	35.54	7.60	0.68	1.07	
CCE-P1908	Cycle3	284	7.13	34.09	26.69	58.20	19.73	0.06	0.033	35.54	7.60	0.67	1.07	
CCE-P1908	Cycle3	285	7.12	34.10	26.69	57.85	19.61	0.06	0.033	34.98	7.60	0.67	1.06	
CCE-P1908	Cycle3	286	7.12	34.10	26.69	57.64	19.54	0.06	0.032	34.88	7.59	0.67	1.06	
CCE-P1908	Cycle3	287	7.11	34.10	26.70	57.13	19.36	0.06	0.032	35.39	7.59	0.67	1.06	
CCE-P1908	Cycle3	288	7.11	34.10	26.70	56.43	19.13	0.06	0.033	35.98	7.59	0.67	1.06	
CCE-P1908	Cycle3	289	7.12	34.10	26.70	56.11	19.02	0.06	0.033	35.38	7.59	0.67	1.06	
CCE-P1908	Cycle3	290	7.11	34.10	26.70	55.80	18.91	0.06	0.032	35.63	7.59	0.67	1.06	
CCE-P1908	Cycle3	291	7.10	34.10	26.70	55.54	18.81	0.06	0.033	35.94	7.59	0.67	1.06	
CCE-P1908	Cycle3	292	7.08	34.10	26.70	55.16	18.68	0.06	0.034	35.88	7.59	0.67	1.05	
CCE-P1908	Cycle3	293	7.07	34.10	26.71	54.70	18.52	0.06	0.033	35.57	7.59	0.67	1.05	
CCE-P1908	Cycle3	294	7.05	34.10	26.71	54.21	18.34	0.06	0.033	36.27	7.59	0.66	1.05	
CCE-P1908	Cycle3	295	7.04	34.10	26.71	53.92	18.24	0.06	0.032	36.20	7.59	0.66	1.05	
CCE-P1908	Cycle3	296	7.04	34.10	26.71	53.73	18.18	0.06	0.033	36.47	7.59	0.66	1.05	
CCE-P1908	Cycle3	297	7.03	34.10	26.71	53.48	18.09	0.06	0.035	36.10	7.59	0.66	1.04	
CCE-P1908	Cycle3	298	7.01	34.10	26.71	53.21	17.99	0.06	0.032	36.23	7.59	0.66	1.04	
CCE-P1908	Cycle3	299	6.99	34.10	26.72	53.03	17.92	0.06	0.032	36.29	7.59	0.66	1.04	
CCE-P1908	Cycle3	300	6.96	34.10	26.72	52.66	17.79	0.06	0.033	36.45	7.59	0.66	1.04	
CCE-P1908	Cycle3	301	6.94	34.10	26.72	52.41	17.69	0.06	0.032	35.83	7.59	0.66	1.04	
CCE-P1908	Cycle3	302	6.92	34.10	26.72	52.27	17.64	0.06	0.032	35.71	7.58	0.65	1.03	
CCE-P1908	Cycle3	303	6.91	34.10	26.73	52.02	17.55	0.06	0.032	35.89	7.58	0.65	1.03	
CCE-P1908	Cycle3	304	6.90	34.10	26.73	51.72	17.44	0.06	0.032	36.39	7.58	0.65	1.03	
CCE-P1908	Cycle3	305	6.90	34.10	26.73	51.12	17.24	0.06	0.032	36.50	7.58	0.65	1.03	
CCE-P1908	Cycle3	306	6.91	34.11	26.73	50.62	17.08	0.06	0.032	37.14	7.58	0.65	1.03	
CCE-P1908	Cycle3	307	6.89	34.11	26.73	50.20	16.93	0.06	0.032	36.65	7.58	0.65	1.03	
CCE-P1908	Cycle3	308	6.88	34.11	26.73	49.87	16.81	0.06	0.033	35.86	7.58	0.65	1.02	
CCE-P1908	Cycle3	309	6.87	34.11	26.74	49.37	16.64	0.06	0.032	36.13	7.58	0.65	1.02	
CCE-P1908	Cycle3	310	6.86	34.11	26.74	49.19	16.57	0.06	0.033	37.95	7.58	0.65	1.02	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	311	6.85	34.11	26.74	48.76	16.43	0.06	0.032	37.22	7.58	0.65	1.02	
CCE-P1908	Cycle3	312	6.84	34.11	26.74	48.47	16.32	0.06	0.032	37.40	7.58	0.65	1.02	
CCE-P1908	Cycle3	313	6.84	34.11	26.74	48.11	16.20	0.06	0.031	37.36	7.58	0.64	1.02	
CCE-P1908	Cycle3	314	6.84	34.11	26.74	47.71	16.07	0.06	0.032	36.47	7.58	0.64	1.02	
CCE-P1908	Cycle3	315	6.84	34.11	26.75	47.41	15.97	0.06	0.032	36.97	7.58	0.64	1.02	
CCE-P1908	Cycle3	316	6.84	34.11	26.75	47.36	15.95	0.06	0.032	37.15	7.58	0.64	1.02	
CCE-P1908	Cycle3	317	6.84	34.12	26.75	47.13	15.88	0.06	0.031	36.88	7.58	0.64	1.02	
CCE-P1908	Cycle3	318	6.86	34.12	26.75	46.87	15.79	0.06	0.032	36.88	7.58	0.64	1.02	
CCE-P1908	Cycle3	319	6.86	34.12	26.75	46.63	15.71	0.06	0.032	37.10	7.58	0.64	1.02	
CCE-P1908	Cycle3	320	6.85	34.13	26.75	46.57	15.69	0.06	0.032	37.00	7.58	0.64	1.01	
CCE-P1908	Cycle3	321	6.84	34.12	26.75	46.28	15.59	0.06	0.032	37.35	7.57	0.64	1.01	
CCE-P1908	Cycle3	322	6.83	34.13	26.76	45.77	15.41	0.06	0.033	37.26	7.57	0.64	1.01	
CCE-P1908	Cycle3	323	6.82	34.13	26.76	45.25	15.23	0.06	0.032	37.28	7.57	0.64	1.01	
CCE-P1908	Cycle3	324	6.82	34.13	26.76	44.75	15.06	0.06	0.031	37.08	7.57	0.64	1.01	
CCE-P1908	Cycle3	325	6.82	34.13	26.76	44.19	14.88	0.06	0.032	37.69	7.57	0.64	1.01	
CCE-P1908	Cycle3	326	6.81	34.13	26.76	43.51	14.64	0.06	0.032	38.08	7.57	0.64	1.00	
CCE-P1908	Cycle3	327	6.80	34.13	26.77	42.95	14.45	0.06	0.032	38.02	7.57	0.64	1.00	
CCE-P1908	Cycle3	328	6.81	34.13	26.77	42.62	14.34	0.06	0.033	36.94	7.57	0.63	1.00	
CCE-P1908	Cycle3	329	6.81	34.14	26.77	42.51	14.31	0.06	0.035	36.53	7.57	0.63	1.00	
CCE-P1908	Cycle3	330	6.81	34.14	26.77	42.28	14.23	0.06	0.032	37.69	7.57	0.63	1.00	
CCE-P1908	Cycle3	331	6.79	34.14	26.77	42.18	14.19	0.06	0.032	37.77	7.57	0.63	1.00	
CCE-P1908	Cycle3	332	6.78	34.13	26.77	41.93	14.10	0.06	0.032	37.65	7.57	0.63	1.00	
CCE-P1908	Cycle3	333	6.75	34.13	26.77	41.84	14.07	0.06	0.032	37.26	7.57	0.63	1.00	
CCE-P1908	Cycle3	334	6.73	34.13	26.78	41.93	14.09	0.06	0.033	36.96	7.57	0.63	1.00	
CCE-P1908	Cycle3	335	6.71	34.13	26.78	41.82	14.04	0.06	0.033	38.03	7.57	0.63	0.99	
CCE-P1908	Cycle3	336	6.71	34.14	26.78	41.53	13.94	0.06	0.033	37.62	7.57	0.63	0.99	
CCE-P1908	Cycle3	337	6.69	34.14	26.78	41.02	13.77	0.06	0.033	37.29	7.57	0.63	0.99	
CCE-P1908	Cycle3	338	6.68	34.14	26.79	40.52	13.59	0.06	0.033	37.79	7.56	0.63	0.99	
CCE-P1908	Cycle3	339	6.66	34.14	26.79	40.14	13.46	0.06	0.034	37.75	7.56	0.63	0.99	
CCE-P1908	Cycle3	340	6.66	34.14	26.79	39.98	13.41	0.06	0.032	37.41	7.56	0.63	0.99	
CCE-P1908	Cycle3	341	6.66	34.14	26.79	39.76	13.33	0.06	0.033	37.17	7.56	0.62	0.99	
CCE-P1908	Cycle3	342	6.65	34.14	26.79	39.62	13.28	0.06	0.032	37.43	7.56	0.62	0.98	
CCE-P1908	Cycle3	343	6.63	34.14	26.79	39.40	13.20	0.06	0.031	37.96	7.56	0.62	0.98	
CCE-P1908	Cycle3	344	6.62	34.14	26.80	39.04	13.08	0.06	0.031	38.70	7.56	0.62	0.98	
CCE-P1908	Cycle3	345	6.60	34.14	26.80	38.77	12.98	0.06	0.031	38.41	7.56	0.62	0.98	
CCE-P1908	Cycle3	346	6.60	34.14	26.80	38.79	12.99	0.06	0.032	38.34	7.56	0.62	0.98	
CCE-P1908	Cycle3	347	6.59	34.14	26.80	38.73	12.97	0.06	0.031	37.47	7.56	0.62	0.98	
CCE-P1908	Cycle3	348	6.59	34.14	26.80	38.79	12.99	0.06	0.032	37.70	7.56	0.62	0.98	
CCE-P1908	Cycle3	349	6.59	34.14	26.80	38.60	12.92	0.06	0.031	38.05	7.56	0.62	0.98	
CCE-P1908	Cycle3	350	6.58	34.14	26.80	38.38	12.85	0.06	0.031	38.56	7.56	0.62	0.98	
CCE-P1908	Cycle3	351	6.58	34.14	26.80	38.22	12.79	0.06	0.032	38.76	7.56	0.62	0.98	
CCE-P1908	Cycle3	352	6.57	34.14	26.80	38.06	12.74	0.06	0.032	37.94	7.56	0.62	0.98	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	353	6.56	34.14	26.81	37.71	12.62	0.06	0.032	37.82	7.56	0.62	0.97	
CCE-P1908	Cycle3	354	6.55	34.14	26.81	37.36	12.50	0.06	0.031	37.81	7.56	0.62	0.97	
CCE-P1908	Cycle3	355	6.54	34.14	26.81	37.15	12.43	0.06	0.031	38.04	7.56	0.62	0.97	
CCE-P1908	Cycle3	356	6.53	34.14	26.81	37.05	12.39	0.06	0.035	37.58	7.56	0.62	0.97	
CCE-P1908	Cycle3	357	6.52	34.14	26.81	37.05	12.39	0.06	0.032	38.26	7.56	0.62	0.97	
CCE-P1908	Cycle3	358	6.51	34.14	26.81	36.94	12.35	0.06	0.031	38.79	7.56	0.62	0.97	
CCE-P1908	Cycle3	359	6.50	34.14	26.81	36.68	12.26	0.06	0.031	38.89	7.56	0.61	0.97	
CCE-P1908	Cycle3	360	6.49	34.14	26.81	36.33	12.14	0.06	0.031	38.94	7.56	0.61	0.97	
CCE-P1908	Cycle3	361	6.48	34.14	26.82	35.90	11.99	0.06	0.031	38.85	7.56	0.61	0.97	
CCE-P1908	Cycle3	362	6.48	34.14	26.82	36.02	12.03	0.06	0.032	38.64	7.56	0.61	0.97	
CCE-P1908	Cycle3	363	6.47	34.14	26.82	36.07	12.05	0.06	0.031	38.68	7.56	0.61	0.97	
CCE-P1908	Cycle3	364	6.44	34.14	26.82	36.14	12.06	0.06	0.031	37.92	7.56	0.61	0.96	
CCE-P1908	Cycle3	365	6.43	34.14	26.82	36.19	12.07	0.06	0.031	38.55	7.56	0.61	0.96	
CCE-P1908	Cycle3	366	6.40	34.14	26.82	36.04	12.02	0.06	0.031	39.37	7.56	0.61	0.96	
CCE-P1908	Cycle3	367	6.39	34.14	26.83	35.73	11.91	0.06	0.032	38.88	7.56	0.61	0.96	
CCE-P1908	Cycle3	368	6.38	34.14	26.83	35.43	11.81	0.06	0.031	38.29	7.55	0.61	0.96	
CCE-P1908	Cycle3	369	6.38	34.14	26.83	35.15	11.72	0.06	0.031	38.59	7.55	0.61	0.96	
CCE-P1908	Cycle3	370	6.37	34.14	26.83	34.89	11.63	0.06	0.031	38.82	7.55	0.61	0.96	
CCE-P1908	Cycle3	371	6.37	34.14	26.83	34.65	11.54	0.06	0.030	39.64	7.55	0.61	0.96	
CCE-P1908	Cycle3	372	6.36	34.14	26.83	34.52	11.50	0.06	0.032	39.16	7.55	0.61	0.96	
CCE-P1908	Cycle3	373	6.36	34.14	26.84	34.27	11.42	0.06	0.031	38.81	7.55	0.61	0.96	
CCE-P1908	Cycle3	374	6.35	34.15	26.84	34.14	11.37	0.06	0.030	37.99	7.55	0.61	0.96	
CCE-P1908	Cycle3	375	6.35	34.15	26.84	34.01	11.33	0.06	0.030	39.12	7.55	0.61	0.95	
CCE-P1908	Cycle3	376	6.34	34.15	26.84	33.88	11.28	0.06	0.030	38.98	7.55	0.60	0.95	
CCE-P1908	Cycle3	377	6.34	34.15	26.84	33.62	11.19	0.06	0.030	38.80	7.55	0.60	0.95	
CCE-P1908	Cycle3	378	6.34	34.15	26.84	33.38	11.11	0.06	0.030	39.28	7.55	0.60	0.95	
CCE-P1908	Cycle3	379	6.35	34.15	26.84	33.29	11.09	0.06	0.030	38.60	7.55	0.60	0.95	
CCE-P1908	Cycle3	380	6.34	34.15	26.85	33.07	11.01	0.06	0.030	39.22	7.55	0.60	0.95	
CCE-P1908	Cycle3	381	6.34	34.16	26.85	32.57	10.84	0.06	0.030	39.23	7.55	0.60	0.95	
CCE-P1908	Cycle3	382	6.33	34.16	26.85	32.14	10.70	0.06	0.030	38.65	7.55	0.60	0.95	
CCE-P1908	Cycle3	383	6.32	34.16	26.85	31.89	10.61	0.06	0.030	39.92	7.55	0.60	0.95	
CCE-P1908	Cycle3	384	6.32	34.16	26.85	31.65	10.53	0.06	0.031	40.38	7.55	0.60	0.95	
CCE-P1908	Cycle3	385	6.32	34.16	26.85	31.43	10.46	0.06	0.030	40.24	7.55	0.60	0.95	
CCE-P1908	Cycle3	386	6.32	34.16	26.85	31.25	10.40	0.06	0.031	39.21	7.55	0.60	0.95	
CCE-P1908	Cycle3	387	6.32	34.16	26.85	30.98	10.31	0.06	0.031	38.96	7.55	0.60	0.95	
CCE-P1908	Cycle3	388	6.32	34.16	26.86	30.72	10.23	0.06	0.030	39.27	7.55	0.60	0.95	
CCE-P1908	Cycle3	389	6.32	34.17	26.86	30.34	10.10	0.06	0.030	39.10	7.55	0.60	0.95	
CCE-P1908	Cycle3	390	6.31	34.17	26.86	29.88	9.94	0.06	0.030	39.04	7.55	0.60	0.94	
CCE-P1908	Cycle3	391	6.31	34.17	26.86	29.60	9.85	0.06	0.032	38.75	7.55	0.60	0.94	
CCE-P1908	Cycle3	392	6.30	34.17	26.86	29.34	9.76	0.06	0.030	39.25	7.54	0.60	0.94	
CCE-P1908	Cycle3	393	6.29	34.17	26.86	29.01	9.65	0.06	0.031	38.68	7.54	0.60	0.94	
CCE-P1908	Cycle3	394	6.28	34.17	26.87	29.05	9.66	0.06	0.030	38.91	7.54	0.60	0.94	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	395	6.27	34.17	26.87	29.03	9.65	0.06	0.030	39.13	7.54	0.60	0.94	
CCE-P1908	Cycle3	396	6.27	34.17	26.87	29.05	9.66	0.06	0.030	39.37	7.54	0.60	0.94	
CCE-P1908	Cycle3	397	6.26	34.17	26.87	29.05	9.66	0.06	0.030	39.64	7.54	0.60	0.94	
CCE-P1908	Cycle3	398	6.26	34.17	26.87	28.92	9.61	0.06	0.030	39.87	7.54	0.60	0.94	
CCE-P1908	Cycle3	399	6.24	34.17	26.87	28.77	9.56	0.06	0.031	40.22	7.54	0.60	0.94	
CCE-P1908	Cycle3	400	6.23	34.17	26.87	28.57	9.49	0.06	0.031	39.58	7.54	0.59	0.94	
CCE-P1908	Cycle3	401	6.21	34.17	26.87	28.36	9.42	0.06	0.031	39.02	7.54	0.59	0.94	
CCE-P1908	Cycle3	402	6.20	34.17	26.88	28.07	9.32	0.06	0.030	38.94	7.54	0.59	0.94	
CCE-P1908	Cycle3	403	6.20	34.17	26.88	27.87	9.25	0.06	0.031	39.11	7.54	0.59	0.93	
CCE-P1908	Cycle3	404	6.20	34.17	26.88	27.59	9.16	0.06	0.031	39.90	7.54	0.59	0.93	
CCE-P1908	Cycle3	405	6.22	34.18	26.88	27.09	9.00	0.06	0.030	40.09	7.54	0.59	0.93	
CCE-P1908	Cycle3	406	6.22	34.18	26.88	26.50	8.80	0.06	0.030	39.77	7.54	0.59	0.93	
CCE-P1908	Cycle3	407	6.26	34.19	26.88	26.21	8.71	0.06	0.031	39.29	7.54	0.59	0.93	
CCE-P1908	Cycle3	408	6.27	34.19	26.88	26.07	8.67	0.06	0.031	39.37	7.54	0.59	0.93	
CCE-P1908	Cycle3	409	6.25	34.19	26.88	25.92	8.62	0.06	0.030	39.41	7.54	0.59	0.93	
CCE-P1908	Cycle3	410	6.23	34.19	26.89	25.80	8.57	0.06	0.030	39.33	7.54	0.59	0.93	
CCE-P1908	Cycle3	411	6.22	34.19	26.89	25.70	8.53	0.06	0.031	39.22	7.54	0.59	0.93	
CCE-P1908	Cycle3	412	6.20	34.19	26.89	25.51	8.47	0.06	0.030	39.35	7.54	0.59	0.93	
CCE-P1908	Cycle3	413	6.19	34.19	26.89	25.34	8.41	0.06	0.030	39.65	7.54	0.59	0.93	
CCE-P1908	Cycle3	414	6.19	34.19	26.89	25.24	8.38	0.06	0.030	39.94	7.54	0.59	0.93	
CCE-P1908	Cycle3	415	6.19	34.19	26.89	25.19	8.36	0.06	0.030	39.65	7.54	0.59	0.93	
CCE-P1908	Cycle3	416	6.18	34.19	26.90	24.97	8.29	0.06	0.030	39.24	7.54	0.59	0.93	
CCE-P1908	Cycle3	417	6.19	34.19	26.90	24.70	8.20	0.06	0.030	39.38	7.54	0.59	0.93	
CCE-P1908	Cycle3	418	6.19	34.20	26.90	24.53	8.14	0.06	0.030	39.94	7.54	0.59	0.93	
CCE-P1908	Cycle3	419	6.18	34.20	26.90	24.25	8.05	0.06	0.030	40.09	7.54	0.59	0.93	
CCE-P1908	Cycle3	420	6.17	34.20	26.90	24.05	7.98	0.06	0.030	40.76	7.54	0.59	0.93	
CCE-P1908	Cycle3	421	6.17	34.20	26.90	23.77	7.89	0.06	0.030	40.31	7.54	0.59	0.93	
CCE-P1908	Cycle3	422	6.17	34.20	26.90	23.45	7.78	0.06	0.030	39.62	7.53	0.59	0.92	
CCE-P1908	Cycle3	423	6.16	34.20	26.91	23.32	7.73	0.06	0.030	39.98	7.53	0.59	0.92	
CCE-P1908	Cycle3	424	6.16	34.20	26.91	23.12	7.67	0.07	0.030	40.40	7.53	0.59	0.92	
CCE-P1908	Cycle3	425	6.15	34.20	26.91	22.91	7.60	0.06	0.030	40.63	7.53	0.59	0.92	
CCE-P1908	Cycle3	426	6.15	34.20	26.91	22.68	7.52	0.06	0.029	40.14	7.53	0.58	0.92	
CCE-P1908	Cycle3	427	6.15	34.21	26.91	22.38	7.42	0.06	0.029	39.70	7.53	0.58	0.92	
CCE-P1908	Cycle3	428	6.16	34.21	26.91	22.22	7.37	0.06	0.030	39.31	7.53	0.58	0.92	
CCE-P1908	Cycle3	429	6.16	34.21	26.92	22.04	7.31	0.06	0.030	40.01	7.53	0.58	0.92	
CCE-P1908	Cycle3	430	6.16	34.21	26.92	21.79	7.23	0.06	0.031	40.20	7.53	0.58	0.92	
CCE-P1908	Cycle3	431	6.16	34.22	26.92	21.78	7.22	0.06	0.030	40.25	7.53	0.58	0.92	
CCE-P1908	Cycle3	432	6.16	34.22	26.92	21.63	7.18	0.06	0.030	40.58	7.53	0.58	0.92	
CCE-P1908	Cycle3	433	6.16	34.22	26.92	21.39	7.10	0.06	0.030	40.40	7.53	0.58	0.92	
CCE-P1908	Cycle3	434	6.15	34.22	26.92	21.24	7.05	0.06	0.030	39.62	7.53	0.58	0.92	
CCE-P1908	Cycle3	435	6.14	34.22	26.92	21.06	6.99	0.06	0.033	39.85	7.53	0.58	0.92	
CCE-P1908	Cycle3	436	6.13	34.22	26.92	21.00	6.96	0.06	0.030	40.17	7.53	0.58	0.92	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	437	6.13	34.22	26.92	20.91	6.93	0.06	0.030	40.15	7.53	0.58	0.92	
CCE-P1908	Cycle3	438	6.12	34.22	26.93	20.81	6.90	0.06	0.030	40.23	7.53	0.58	0.92	
CCE-P1908	Cycle3	439	6.12	34.22	26.93	20.71	6.86	0.06	0.030	40.34	7.53	0.58	0.92	
CCE-P1908	Cycle3	440	6.12	34.22	26.93	20.55	6.81	0.06	0.031	39.91	7.53	0.58	0.92	
CCE-P1908	Cycle3	441	6.11	34.22	26.93	20.36	6.75	0.06	0.031	40.40	7.53	0.58	0.92	
CCE-P1908	Cycle3	442	6.11	34.22	26.93	20.34	6.74	0.06	0.030	40.69	7.53	0.58	0.92	
CCE-P1908	Cycle3	443	6.11	34.23	26.93	20.28	6.72	0.06	0.030	40.45	7.53	0.58	0.92	
CCE-P1908	Cycle3	444	6.09	34.23	26.93	19.95	6.61	0.06	0.030	39.71	7.53	0.58	0.91	
CCE-P1908	Cycle3	445	6.09	34.23	26.94	19.88	6.58	0.06	0.031	40.27	7.53	0.58	0.91	
CCE-P1908	Cycle3	446	6.09	34.23	26.94	19.83	6.57	0.06	0.030	40.25	7.53	0.58	0.91	
CCE-P1908	Cycle3	447	6.09	34.23	26.94	19.62	6.50	0.06	0.030	40.21	7.53	0.58	0.91	
CCE-P1908	Cycle3	448	6.09	34.23	26.94	19.57	6.48	0.06	0.030	40.53	7.53	0.58	0.91	
CCE-P1908	Cycle3	449	6.08	34.23	26.94	19.59	6.49	0.06	0.031	40.80	7.53	0.58	0.91	
CCE-P1908	Cycle3	450	6.08	34.23	26.94	19.36	6.41	0.06	0.030	40.44	7.53	0.58	0.91	
CCE-P1908	Cycle3	451	6.07	34.23	26.94	19.27	6.38	0.06	0.029	39.87	7.53	0.58	0.91	
CCE-P1908	Cycle3	452	6.06	34.23	26.94	19.22	6.36	0.06	0.030	40.11	7.53	0.58	0.91	
CCE-P1908	Cycle3	453	6.05	34.23	26.94	19.00	6.29	0.06	0.030	40.63	7.53	0.58	0.91	
CCE-P1908	Cycle3	454	6.04	34.23	26.94	18.83	6.23	0.06	0.033	40.40	7.53	0.58	0.91	
CCE-P1908	Cycle3	455	6.02	34.23	26.95	18.76	6.20	0.06	0.031	40.59	7.53	0.58	0.91	
CCE-P1908	Cycle3	456	6.00	34.23	26.95	18.73	6.19	0.06	0.030	40.29	7.53	0.58	0.91	
CCE-P1908	Cycle3	457	5.99	34.23	26.95	18.76	6.20	0.06	0.030	40.73	7.53	0.58	0.91	
CCE-P1908	Cycle3	458	5.98	34.23	26.95	18.70	6.18	0.06	0.030	40.17	7.53	0.58	0.91	
CCE-P1908	Cycle3	459	5.98	34.23	26.95	18.74	6.19	0.06	0.030	40.30	7.53	0.58	0.91	
CCE-P1908	Cycle3	460	5.97	34.23	26.95	18.63	6.15	0.06	0.030	40.69	7.53	0.58	0.91	
CCE-P1908	Cycle3	461	5.96	34.23	26.95	18.44	6.09	0.06	0.031	39.85	7.53	0.58	0.91	
CCE-P1908	Cycle3	462	5.96	34.23	26.96	18.22	6.02	0.06	0.030	40.08	7.53	0.57	0.91	
CCE-P1908	Cycle3	463	5.96	34.23	26.96	18.02	5.95	0.06	0.030	40.87	7.53	0.57	0.90	
CCE-P1908	Cycle3	464	5.95	34.23	26.96	17.85	5.89	0.06	0.031	40.17	7.52	0.57	0.90	
CCE-P1908	Cycle3	465	5.94	34.24	26.96	17.80	5.88	0.06	0.030	40.59	7.52	0.57	0.90	
CCE-P1908	Cycle3	466	5.95	34.24	26.96	17.65	5.83	0.06	0.030	41.05	7.52	0.57	0.90	
CCE-P1908	Cycle3	467	5.94	34.24	26.96	17.47	5.77	0.06	0.030	40.35	7.52	0.57	0.90	
CCE-P1908	Cycle3	468	5.94	34.24	26.96	17.42	5.75	0.06	0.030	40.20	7.52	0.57	0.90	
CCE-P1908	Cycle3	469	5.95	34.24	26.97	17.38	5.74	0.06	0.030	40.52	7.52	0.57	0.90	
CCE-P1908	Cycle3	470	5.95	34.24	26.97	17.31	5.71	0.06	0.029	40.78	7.52	0.57	0.90	
CCE-P1908	Cycle3	471	5.95	34.24	26.97	16.99	5.61	0.06	0.030	40.89	7.52	0.57	0.90	
CCE-P1908	Cycle3	472	5.94	34.24	26.97	16.73	5.52	0.06	0.030	40.47	7.52	0.57	0.90	
CCE-P1908	Cycle3	473	5.94	34.25	26.97	16.68	5.51	0.06	0.030	40.09	7.52	0.57	0.90	
CCE-P1908	Cycle3	474	5.94	34.25	26.97	16.60	5.48	0.06	0.030	39.94	7.52	0.57	0.90	
CCE-P1908	Cycle3	475	5.93	34.25	26.97	16.47	5.44	0.06	0.030	39.96	7.52	0.57	0.90	
CCE-P1908	Cycle3	476	5.94	34.25	26.97	16.38	5.41	0.06	0.030	40.51	7.52	0.57	0.90	
CCE-P1908	Cycle3	477	5.93	34.25	26.97	16.31	5.39	0.06	0.030	41.09	7.52	0.57	0.90	
CCE-P1908	Cycle3	478	5.93	34.25	26.98	16.22	5.35	0.06	0.030	41.27	7.52	0.57	0.90	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	479	5.93	34.25	26.98	16.15	5.33	0.06	0.030	41.24	7.52	0.57	0.90	
CCE-P1908	Cycle3	480	5.92	34.25	26.98	16.09	5.31	0.06	0.030	40.74	7.52	0.57	0.90	
CCE-P1908	Cycle3	481	5.92	34.25	26.98	15.91	5.25	0.06	0.031	40.49	7.52	0.57	0.90	
CCE-P1908	Cycle3	482	5.91	34.25	26.98	15.74	5.19	0.06	0.030	40.59	7.52	0.57	0.90	
CCE-P1908	Cycle3	483	5.91	34.26	26.98	15.62	5.15	0.06	0.030	40.16	7.52	0.57	0.90	
CCE-P1908	Cycle3	484	5.91	34.26	26.98	15.54	5.13	0.06	0.030	40.60	7.52	0.57	0.90	
CCE-P1908	Cycle3	485	5.90	34.26	26.98	15.46	5.10	0.06	0.030	40.63	7.52	0.57	0.90	
CCE-P1908	Cycle3	486	5.89	34.26	26.99	15.48	5.11	0.06	0.030	40.82	7.52	0.57	0.90	
CCE-P1908	Cycle3	487	5.89	34.26	26.99	15.40	5.08	0.06	0.030	40.47	7.52	0.57	0.90	
CCE-P1908	Cycle3	488	5.88	34.26	26.99	15.30	5.04	0.06	0.030	40.79	7.52	0.57	0.90	
CCE-P1908	Cycle3	489	5.88	34.26	26.99	15.11	4.98	0.06	0.030	41.14	7.52	0.57	0.90	
CCE-P1908	Cycle3	490	5.88	34.26	26.99	14.99	4.94	0.06	0.031	41.02	7.52	0.57	0.90	
CCE-P1908	Cycle3	491	5.88	34.26	26.99	14.95	4.93	0.06	0.031	41.30	7.52	0.57	0.90	
CCE-P1908	Cycle3	492	5.88	34.26	26.99	14.89	4.91	0.06	0.039	41.14	7.52	0.57	0.90	
CCE-P1908	Cycle3	493	5.88	34.26	26.99	14.87	4.90	0.06	0.032	41.23	7.52	0.57	0.90	
CCE-P1908	Cycle3	494	5.87	34.26	26.99	14.77	4.87	0.06	0.031	41.16	7.52	0.57	0.90	
CCE-P1908	Cycle3	495	5.86	34.26	26.99	14.71	4.85	0.06	0.032	41.42	7.52	0.57	0.90	
CCE-P1908	Cycle3	496	5.85	34.27	27.00	14.59	4.81	0.06	0.030	41.12	7.52	0.57	0.89	
CCE-P1908	Cycle3	497	5.84	34.27	27.00	14.53	4.79	0.06	0.030	40.70	7.52	0.57	0.89	
CCE-P1908	Cycle3	498	5.84	34.27	27.00	14.44	4.76	0.06	0.030	41.69	7.52	0.57	0.89	
CCE-P1908	Cycle3	499	5.84	34.27	27.00	14.35	4.73	0.06	0.030	42.21	7.52	0.57	0.89	
CCE-P1908	Cycle3	500	5.84	34.27	27.00	14.28	4.70	0.06	0.030	41.50	7.52	0.57	0.89	
CCE-P1908	Cycle3	501	5.83	34.27	27.00	14.22	4.68	0.06	0.030	41.21	7.52	0.57	0.89	
CCE-P1908	Cycle3	502	5.83	34.27	27.00	14.18	4.67	0.06	0.029	41.05	7.52	0.57	0.89	
CCE-P1908	Cycle3	503	5.82	34.27	27.00	14.07	4.63	0.06	0.030	41.48	7.52	0.57	0.89	
CCE-P1908	Cycle3	504	5.81	34.27	27.00	14.04	4.62	0.06	0.030	41.27	7.52	0.57	0.89	
CCE-P1908	Cycle3	505	5.81	34.27	27.01	13.94	4.59	0.06	0.029	41.25	7.52	0.57	0.89	
CCE-P1908	Cycle3	506	5.80	34.27	27.01	13.91	4.58	0.06	0.029	40.94	7.52	0.57	0.89	
CCE-P1908	Cycle3	507	5.79	34.27	27.01	13.85	4.56	0.06	0.030	41.83	7.52	0.57	0.89	
CCE-P1908	Cycle3	508	5.79	34.27	27.01	13.80	4.54	0.06	0.029	41.77	7.52	0.57	0.89	
CCE-P1908	Cycle3	509	5.78	34.27	27.01	13.80	4.54	0.06	0.030	41.45	7.52	0.57	0.89	
CCE-P1908	Cycle3	510	5.78	34.27	27.01	13.78	4.53	0.06	0.030	41.89	7.52	0.57	0.89	
CCE-P1908	Cycle3	511	5.78	34.27	27.01	13.65	4.49	0.06	0.030	41.49	7.52	0.57	0.89	
CCE-P1908	Cycle3	512	5.78	34.28	27.01	13.54	4.45	0.06	0.030	42.05	7.52	0.57	0.89	
CCE-P1908	Cycle3	513	5.79	34.28	27.02	13.37	4.40	0.06	0.030	42.06	7.52	0.57	0.89	
CCE-P1908	Cycle3	514	5.79	34.28	27.02	13.38	4.40	0.06	0.030	42.05	7.52	0.57	0.89	
CCE-P1908	Cycle3	515	5.78	34.28	27.02	13.30	4.38	0.06	0.033	41.36	7.52	0.57	0.89	
CCE-P1908	Cycle3	516	5.77	34.28	27.02	13.27	4.36	0.06	0.031	40.87	7.52	0.57	0.89	
CCE-P1908	Cycle3	517	5.76	34.28	27.02	13.28	4.37	0.06	0.030	41.30	7.52	0.56	0.89	
CCE-P1908	Cycle3	518	5.75	34.28	27.02	13.21	4.34	0.06	0.030	41.81	7.52	0.56	0.89	
CCE-P1908	Cycle3	519	5.74	34.28	27.02	13.13	4.31	0.06	0.029	41.26	7.52	0.56	0.89	
CCE-P1908	Cycle3	520	5.73	34.28	27.02	13.05	4.29	0.06	0.029	41.55	7.52	0.56	0.89	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	521	5.72	34.28	27.02	13.02	4.28	0.06	0.030	41.44	7.52	0.56	0.89	
CCE-P1908	Cycle3	522	5.74	34.28	27.02	13.00	4.27	0.06	0.030	40.86	7.52	0.56	0.89	
CCE-P1908	Cycle3	523	5.70	34.28	27.03	12.92	4.24	0.06	0.031	42.03	7.52	0.56	0.89	
CCE-P1908	Cycle3	524	5.71	34.28	27.03	12.84	4.22	0.06	0.030	41.82	7.52	0.56	0.89	
CCE-P1908	Cycle3	525	5.71	34.29	27.03	12.89	4.23	0.06	0.030	41.59	7.52	0.56	0.89	
CCE-P1908	Cycle3	526	5.70	34.29	27.03	12.83	4.21	0.06	0.030	41.42	7.52	0.56	0.89	
CCE-P1908	Cycle3	527	5.70	34.29	27.03	12.73	4.18	0.06	0.030	41.68	7.52	0.56	0.89	
CCE-P1908	Cycle3	528	5.69	34.29	27.03	12.70	4.17	0.06	0.029	41.75	7.52	0.56	0.89	
CCE-P1908	Cycle3	529	5.68	34.29	27.03	12.56	4.12	0.06	0.029	41.12	7.51	0.56	0.89	
CCE-P1908	Cycle3	530	5.68	34.29	27.04	12.58	4.13	0.06	0.030	41.71	7.51	0.56	0.89	
CCE-P1908	Cycle3	531	5.67	34.29	27.04	12.55	4.12	0.06	0.030	42.35	7.51	0.56	0.88	
CCE-P1908	Cycle3	532	5.66	34.29	27.04	12.51	4.11	0.06	0.029	41.58	7.51	0.56	0.88	
CCE-P1908	Cycle3	533	5.65	34.29	27.04	12.47	4.09	0.06	0.030	41.50	7.51	0.56	0.88	
CCE-P1908	Cycle3	534	5.65	34.29	27.04	12.47	4.09	0.06	0.030	41.53	7.51	0.56	0.88	
CCE-P1908	Cycle3	535	5.64	34.29	27.04	12.42	4.07	0.06	0.029	41.58	7.51	0.56	0.88	
CCE-P1908	Cycle3	536	5.64	34.29	27.04	12.39	4.06	0.06	0.030	41.66	7.51	0.56	0.88	
CCE-P1908	Cycle3	537	5.63	34.29	27.04	12.40	4.06	0.06	0.031	41.40	7.51	0.56	0.88	
CCE-P1908	Cycle3	538	5.63	34.29	27.04	12.37	4.05	0.06	0.029	41.34	7.51	0.56	0.88	
CCE-P1908	Cycle3	539	5.62	34.29	27.05	12.28	4.03	0.06	0.029	41.45	7.51	0.56	0.88	
CCE-P1908	Cycle3	540	5.62	34.29	27.05	12.19	4.00	0.06	0.030	41.98	7.51	0.56	0.88	
CCE-P1908	Cycle3	541	5.61	34.29	27.05	12.23	4.01	0.06	0.030	42.08	7.51	0.56	0.88	
CCE-P1908	Cycle3	542	5.61	34.29	27.05	12.18	3.99	0.06	0.029	42.09	7.51	0.56	0.88	
CCE-P1908	Cycle3	543	5.61	34.29	27.05	12.08	3.96	0.06	0.030	42.63	7.51	0.56	0.88	
CCE-P1908	Cycle3	544	5.60	34.29	27.05	12.06	3.95	0.06	0.030	42.42	7.51	0.56	0.88	
CCE-P1908	Cycle3	545	5.60	34.29	27.05	12.03	3.94	0.06	0.029	42.89	7.51	0.56	0.88	
CCE-P1908	Cycle3	546	5.59	34.29	27.05	12.05	3.95	0.06	0.029	42.02	7.51	0.56	0.88	
CCE-P1908	Cycle3	547	5.58	34.29	27.05	11.97	3.92	0.06	0.029	41.88	7.51	0.56	0.88	
CCE-P1908	Cycle3	548	5.57	34.29	27.05	11.97	3.92	0.06	0.029	42.26	7.51	0.56	0.88	
CCE-P1908	Cycle3	549	5.57	34.30	27.06	11.91	3.90	0.06	0.030	42.38	7.51	0.56	0.88	
CCE-P1908	Cycle3	550	5.56	34.30	27.06	11.82	3.87	0.06	0.029	42.02	7.51	0.56	0.88	
CCE-P1908	Cycle3	551	5.55	34.30	27.06	11.81	3.87	0.06	0.030	41.82	7.51	0.56	0.88	
CCE-P1908	Cycle3	552	5.55	34.30	27.06	11.82	3.87	0.06	0.031	41.85	7.51	0.56	0.88	
CCE-P1908	Cycle3	553	5.55	34.30	27.06	11.82	3.87	0.06	0.030	41.97	7.51	0.56	0.88	
CCE-P1908	Cycle3	554	5.54	34.30	27.06	11.82	3.87	0.06	0.030	42.01	7.51	0.56	0.88	
CCE-P1908	Cycle3	555	5.54	34.30	27.06	11.84	3.87	0.06	0.030	41.87	7.51	0.56	0.88	
CCE-P1908	Cycle3	556	5.53	34.30	27.06	11.79	3.86	0.06	0.030	41.45	7.51	0.56	0.88	
CCE-P1908	Cycle3	557	5.53	34.30	27.06	11.74	3.84	0.06	0.029	41.48	7.51	0.56	0.88	
CCE-P1908	Cycle3	558	5.52	34.30	27.06	11.69	3.82	0.06	0.030	41.10	7.51	0.56	0.88	
CCE-P1908	Cycle3	559	5.51	34.30	27.06	11.64	3.80	0.06	0.030	41.99	7.51	0.56	0.88	
CCE-P1908	Cycle3	560	5.50	34.30	27.06	11.63	3.80	0.06	0.029	42.32	7.51	0.56	0.88	
CCE-P1908	Cycle3	561	5.49	34.30	27.07	11.63	3.80	0.06	0.029	42.06	7.51	0.56	0.88	
CCE-P1908	Cycle3	562	5.48	34.30	27.07	11.50	3.76	0.06	0.029	42.16	7.51	0.56	0.88	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	563	5.48	34.30	27.07	11.53	3.77	0.06	0.029	42.96	7.51	0.56	0.88	
CCE-P1908	Cycle3	564	5.47	34.30	27.07	11.47	3.75	0.06	0.030	42.96	7.51	0.56	0.88	
CCE-P1908	Cycle3	565	5.47	34.30	27.07	11.39	3.72	0.06	0.030	42.62	7.51	0.56	0.88	
CCE-P1908	Cycle3	566	5.46	34.30	27.07	11.41	3.73	0.06	0.029	42.32	7.51	0.56	0.88	
CCE-P1908	Cycle3	567	5.46	34.30	27.07	11.40	3.72	0.06	0.029	42.25	7.51	0.56	0.88	
CCE-P1908	Cycle3	568	5.45	34.30	27.07	11.35	3.70	0.06	0.030	41.77	7.51	0.56	0.88	
CCE-P1908	Cycle3	569	5.44	34.30	27.08	11.35	3.70	0.06	0.029	41.66	7.51	0.56	0.88	
CCE-P1908	Cycle3	570	5.44	34.30	27.08	11.35	3.70	0.06	0.030	41.38	7.51	0.56	0.87	
CCE-P1908	Cycle3	571	5.43	34.30	27.08	11.19	3.65	0.06	0.029	41.87	7.51	0.56	0.87	
CCE-P1908	Cycle3	572	5.42	34.30	27.08	11.17	3.64	0.06	0.029	42.47	7.51	0.56	0.87	
CCE-P1908	Cycle3	573	5.42	34.30	27.08	11.19	3.65	0.06	0.029	42.50	7.51	0.56	0.87	
CCE-P1908	Cycle3	574	5.41	34.30	27.08	11.15	3.64	0.07	0.030	42.67	7.51	0.55	0.87	
CCE-P1908	Cycle3	575	5.40	34.30	27.08	11.10	3.62	0.06	0.030	42.90	7.51	0.55	0.87	
CCE-P1908	Cycle3	576	5.39	34.30	27.08	11.05	3.60	0.06	0.030	42.38	7.51	0.55	0.87	
CCE-P1908	Cycle3	577	5.39	34.31	27.08	10.95	3.57	0.06	0.029	41.59	7.51	0.55	0.87	
CCE-P1908	Cycle3	578	5.38	34.31	27.09	10.98	3.58	0.06	0.029	41.75	7.51	0.55	0.87	
CCE-P1908	Cycle3	579	5.38	34.31	27.09	11.00	3.58	0.06	0.029	42.48	7.51	0.55	0.87	
CCE-P1908	Cycle3	580	5.37	34.31	27.09	10.96	3.57	0.06	0.029	42.52	7.51	0.55	0.87	
CCE-P1908	Cycle3	581	5.36	34.31	27.09	10.93	3.56	0.06	0.029	41.82	7.51	0.55	0.87	
CCE-P1908	Cycle3	582	5.36	34.31	27.09	10.86	3.54	0.06	0.029	41.99	7.51	0.55	0.87	
CCE-P1908	Cycle3	583	5.36	34.31	27.09	10.86	3.54	0.06	0.029	42.38	7.51	0.55	0.87	
CCE-P1908	Cycle3	584	5.36	34.31	27.09	10.86	3.54	0.06	0.029	42.50	7.51	0.55	0.87	
CCE-P1908	Cycle3	585	5.35	34.31	27.09	10.83	3.53	0.06	0.029	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle3	586	5.35	34.31	27.09	10.82	3.52	0.06	0.030	43.53	7.51	0.55	0.87	
CCE-P1908	Cycle3	587	5.35	34.31	27.10	10.79	3.51	0.06	0.030	43.22	7.51	0.55	0.87	
CCE-P1908	Cycle3	588	5.34	34.31	27.10	10.78	3.51	0.06	0.030	42.97	7.51	0.55	0.87	
CCE-P1908	Cycle3	589	5.34	34.31	27.10	10.69	3.48	0.06	0.030	42.52	7.51	0.55	0.87	
CCE-P1908	Cycle3	590	5.33	34.31	27.10	10.66	3.47	0.06	0.029	42.66	7.51	0.55	0.87	
CCE-P1908	Cycle3	591	5.33	34.31	27.10	10.67	3.47	0.06	0.029	42.63	7.51	0.55	0.87	
CCE-P1908	Cycle3	592	5.33	34.31	27.10	10.63	3.46	0.06	0.029	42.11	7.51	0.55	0.87	
CCE-P1908	Cycle3	593	5.33	34.31	27.10	10.62	3.46	0.06	0.029	42.53	7.51	0.55	0.87	
CCE-P1908	Cycle3	594	5.32	34.31	27.10	10.66	3.47	0.06	0.030	43.15	7.51	0.55	0.87	
CCE-P1908	Cycle3	595	5.32	34.32	27.10	10.60	3.45	0.06	0.030	42.30	7.51	0.55	0.87	
CCE-P1908	Cycle3	596	5.31	34.32	27.10	10.59	3.45	0.06	0.030	42.25	7.51	0.55	0.87	
CCE-P1908	Cycle3	597	5.30	34.32	27.10	10.58	3.44	0.06	0.029	42.75	7.51	0.55	0.87	
CCE-P1908	Cycle3	598	5.30	34.32	27.10	10.56	3.43	0.06	0.029	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle3	599	5.30	34.32	27.11	10.51	3.42	0.06	0.030	42.64	7.51	0.55	0.87	
CCE-P1908	Cycle3	600	5.29	34.32	27.11	10.46	3.40	0.06	0.029	42.83	7.51	0.55	0.87	
CCE-P1908	Cycle3	601	5.29	34.32	27.11	10.48	3.41	0.06	0.029	42.69	7.51	0.55	0.87	
CCE-P1908	Cycle3	602	5.28	34.32	27.11	10.44	3.39	0.06	0.029	42.62	7.51	0.55	0.87	
CCE-P1908	Cycle3	603	5.28	34.32	27.11	10.41	3.38	0.06	0.029	42.48	7.51	0.55	0.87	
CCE-P1908	Cycle3	604	5.28	34.32	27.11	10.46	3.40	0.06	0.030	42.59	7.51	0.55	0.87	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	605	5.27	34.32	27.11	10.45	3.40	0.06	0.030	43.49	7.51	0.55	0.87	
CCE-P1908	Cycle3	606	5.27	34.32	27.11	10.45	3.40	0.06	0.030	43.12	7.51	0.55	0.87	
CCE-P1908	Cycle3	607	5.26	34.32	27.11	10.42	3.39	0.06	0.030	43.33	7.51	0.55	0.87	
CCE-P1908	Cycle3	608	5.26	34.32	27.11	10.38	3.37	0.06	0.030	43.23	7.51	0.55	0.87	
CCE-P1908	Cycle3	609	5.25	34.32	27.11	10.31	3.35	0.06	0.030	42.34	7.51	0.55	0.87	
CCE-P1908	Cycle3	610	5.25	34.32	27.12	10.29	3.34	0.06	0.029	42.47	7.51	0.55	0.87	
CCE-P1908	Cycle3	611	5.24	34.32	27.12	10.31	3.35	0.06	0.029	42.87	7.51	0.55	0.87	
CCE-P1908	Cycle3	612	5.24	34.32	27.12	10.30	3.35	0.06	0.029	42.96	7.51	0.55	0.87	
CCE-P1908	Cycle3	613	5.24	34.33	27.12	10.30	3.35	0.06	0.029	42.85	7.51	0.55	0.87	
CCE-P1908	Cycle3	614	5.23	34.33	27.12	10.32	3.35	0.06	0.029	43.65	7.51	0.55	0.87	
CCE-P1908	Cycle3	615	5.23	34.33	27.12	10.29	3.34	0.06	0.030	43.11	7.51	0.55	0.87	
CCE-P1908	Cycle3	616	5.23	34.33	27.12	10.28	3.34	0.06	0.029	42.49	7.51	0.55	0.87	
CCE-P1908	Cycle3	617	5.22	34.33	27.12	10.29	3.34	0.06	0.029	42.53	7.51	0.55	0.87	
CCE-P1908	Cycle3	618	5.22	34.33	27.12	10.28	3.34	0.06	0.029	42.93	7.51	0.55	0.87	
CCE-P1908	Cycle3	619	5.22	34.33	27.13	10.22	3.32	0.06	0.029	42.47	7.51	0.55	0.87	
CCE-P1908	Cycle3	620	5.20	34.33	27.13	10.14	3.29	0.06	0.029	42.40	7.51	0.55	0.87	
CCE-P1908	Cycle3	621	5.21	34.33	27.13	10.18	3.31	0.06	0.030	42.86	7.51	0.55	0.87	
CCE-P1908	Cycle3	622	5.18	34.33	27.13	10.09	3.27	0.06	0.030	42.97	7.51	0.55	0.86	
CCE-P1908	Cycle3	623	5.18	34.33	27.13	10.12	3.28	0.06	0.030	42.71	7.51	0.55	0.86	
CCE-P1908	Cycle3	624	5.18	34.33	27.13	10.16	3.30	0.06	0.030	43.91	7.51	0.55	0.86	
CCE-P1908	Cycle3	625	5.17	34.33	27.13	10.09	3.27	0.06	0.030	43.93	7.51	0.55	0.86	
CCE-P1908	Cycle3	626	5.17	34.33	27.13	10.10	3.27	0.06	0.029	43.35	7.51	0.55	0.86	
CCE-P1908	Cycle3	627	5.17	34.33	27.13	10.06	3.26	0.06	0.029	43.34	7.51	0.55	0.86	
CCE-P1908	Cycle3	628	5.17	34.33	27.13	10.08	3.27	0.06	0.029	43.29	7.51	0.55	0.86	
CCE-P1908	Cycle3	629	5.16	34.33	27.13	10.04	3.26	0.06	0.029	43.38	7.51	0.55	0.86	
CCE-P1908	Cycle3	630	5.16	34.33	27.14	10.06	3.26	0.06	0.029	42.95	7.51	0.55	0.86	
CCE-P1908	Cycle3	631	5.16	34.34	27.14	10.03	3.25	0.06	0.029	42.88	7.51	0.55	0.86	
CCE-P1908	Cycle3	632	5.16	34.34	27.14	10.03	3.25	0.06	0.029	43.27	7.51	0.55	0.86	
CCE-P1908	Cycle3	633	5.15	34.34	27.14	10.01	3.25	0.06	0.029	43.15	7.51	0.55	0.86	
CCE-P1908	Cycle3	634	5.15	34.34	27.14	10.04	3.25	0.06	0.029	43.20	7.51	0.55	0.86	
CCE-P1908	Cycle3	635	5.15	34.34	27.14	10.04	3.26	0.06	0.029	42.67	7.51	0.55	0.86	
CCE-P1908	Cycle3	636	5.15	34.34	27.14	10.04	3.25	0.06	0.031	42.57	7.51	0.55	0.86	
CCE-P1908	Cycle3	637	5.14	34.34	27.14	9.99	3.24	0.06	0.030	43.05	7.51	0.55	0.86	
CCE-P1908	Cycle3	638	5.14	34.34	27.14	9.99	3.24	0.06	0.029	43.31	7.51	0.55	0.86	
CCE-P1908	Cycle3	639	5.13	34.34	27.14	10.01	3.24	0.06	0.029	43.37	7.51	0.55	0.86	
CCE-P1908	Cycle3	640	5.13	34.34	27.14	9.97	3.23	0.06	0.029	43.11	7.51	0.55	0.86	
CCE-P1908	Cycle3	641	5.13	34.34	27.14	9.96	3.23	0.06	0.030	43.29	7.51	0.55	0.86	
CCE-P1908	Cycle3	642	5.12	34.34	27.14	9.97	3.23	0.06	0.030	43.51	7.51	0.55	0.86	
CCE-P1908	Cycle3	643	5.12	34.34	27.15	10.02	3.25	0.06	0.030	43.52	7.51	0.55	0.86	
CCE-P1908	Cycle3	644	5.12	34.34	27.15	9.99	3.24	0.06	0.029	43.25	7.51	0.55	0.86	
CCE-P1908	Cycle3	645	5.11	34.34	27.15	9.91	3.21	0.06	0.030	43.09	7.51	0.55	0.86	
CCE-P1908	Cycle3	646	5.10	34.34	27.15	9.98	3.23	0.06	0.030	42.93	7.51	0.55	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	647	5.10	34.34	27.15	9.96	3.23	0.06	0.029	43.37	7.51	0.55	0.86	
CCE-P1908	Cycle3	648	5.10	34.34	27.15	9.92	3.21	0.06	0.029	43.77	7.51	0.55	0.86	
CCE-P1908	Cycle3	649	5.10	34.34	27.15	9.94	3.22	0.06	0.030	43.67	7.51	0.55	0.86	
CCE-P1908	Cycle3	650	5.09	34.34	27.15	9.94	3.22	0.06	0.031	43.09	7.51	0.55	0.86	
CCE-P1908	Cycle3	651	5.09	34.34	27.15	9.95	3.22	0.06	0.029	43.05	7.51	0.55	0.86	
CCE-P1908	Cycle3	652	5.09	34.34	27.15	9.96	3.22	0.06	0.029	43.29	7.51	0.55	0.86	
CCE-P1908	Cycle3	653	5.08	34.34	27.15	9.87	3.20	0.06	0.030	43.31	7.51	0.55	0.86	
CCE-P1908	Cycle3	654	5.08	34.35	27.15	9.89	3.20	0.06	0.029	43.37	7.51	0.55	0.86	
CCE-P1908	Cycle3	655	5.08	34.35	27.15	9.95	3.22	0.06	0.030	43.93	7.51	0.55	0.86	
CCE-P1908	Cycle3	656	5.07	34.35	27.15	9.86	3.19	0.06	0.029	43.97	7.51	0.55	0.86	
CCE-P1908	Cycle3	657	5.06	34.35	27.16	9.82	3.18	0.06	0.029	43.60	7.51	0.55	0.86	
CCE-P1908	Cycle3	658	5.06	34.35	27.16	9.81	3.17	0.06	0.029	43.78	7.51	0.55	0.86	
CCE-P1908	Cycle3	659	5.05	34.35	27.16	9.83	3.18	0.06	0.029	43.65	7.51	0.55	0.86	
CCE-P1908	Cycle3	660	5.04	34.35	27.16	9.83	3.18	0.06	0.029	43.42	7.51	0.55	0.86	
CCE-P1908	Cycle3	661	5.04	34.35	27.16	9.83	3.18	0.06	0.029	43.23	7.51	0.55	0.86	
CCE-P1908	Cycle3	662	5.03	34.35	27.16	9.83	3.18	0.06	0.029	43.71	7.51	0.55	0.86	
CCE-P1908	Cycle3	663	5.03	34.35	27.16	9.84	3.18	0.06	0.029	43.36	7.51	0.55	0.86	
CCE-P1908	Cycle3	664	5.03	34.35	27.16	9.79	3.16	0.06	0.030	43.57	7.51	0.55	0.86	
CCE-P1908	Cycle3	665	5.03	34.35	27.16	9.80	3.17	0.06	0.035	44.16	7.51	0.55	0.86	
CCE-P1908	Cycle3	666	5.02	34.35	27.16	9.77	3.16	0.06	0.032	43.75	7.51	0.55	0.86	
CCE-P1908	Cycle3	667	5.02	34.35	27.16	9.77	3.16	0.06	0.029	43.33	7.51	0.55	0.86	
CCE-P1908	Cycle3	668	5.01	34.35	27.16	9.77	3.16	0.06	0.029	43.30	7.51	0.55	0.86	
CCE-P1908	Cycle3	669	5.01	34.35	27.17	9.79	3.16	0.06	0.029	44.53	7.51	0.55	0.86	
CCE-P1908	Cycle3	670	5.00	34.35	27.17	9.79	3.16	0.06	0.030	44.45	7.51	0.54	0.86	
CCE-P1908	Cycle3	671	5.00	34.35	27.17	9.82	3.17	0.06	0.030	43.78	7.51	0.54	0.86	
CCE-P1908	Cycle3	672	4.99	34.35	27.17	9.82	3.17	0.06	0.030	44.11	7.51	0.54	0.86	
CCE-P1908	Cycle3	673	4.99	34.35	27.17	9.78	3.16	0.06	0.029	43.57	7.51	0.54	0.86	
CCE-P1908	Cycle3	674	4.99	34.35	27.17	9.77	3.16	0.06	0.029	43.69	7.51	0.54	0.86	
CCE-P1908	Cycle3	675	4.99	34.35	27.17	9.76	3.15	0.06	0.029	43.18	7.51	0.54	0.86	
CCE-P1908	Cycle3	676	4.98	34.35	27.17	9.71	3.13	0.06	0.029	42.84	7.51	0.54	0.86	
CCE-P1908	Cycle3	677	4.98	34.35	27.17	9.78	3.16	0.06	0.030	43.60	7.51	0.54	0.86	
CCE-P1908	Cycle3	678	4.98	34.36	27.17	9.79	3.16	0.06	0.029	42.95	7.51	0.54	0.86	
CCE-P1908	Cycle3	679	4.98	34.36	27.17	9.78	3.16	0.06	0.029	43.01	7.51	0.54	0.86	
CCE-P1908	Cycle3	680	4.98	34.36	27.17	9.77	3.16	0.06	0.029	43.22	7.51	0.54	0.86	
CCE-P1908	Cycle3	681	4.98	34.36	27.17	9.86	3.18	0.06	0.029	43.35	7.51	0.54	0.86	
CCE-P1908	Cycle3	682	4.98	34.36	27.18	9.87	3.19	0.06	0.029	43.86	7.51	0.54	0.86	
CCE-P1908	Cycle3	683	4.98	34.36	27.18	9.86	3.18	0.06	0.029	43.60	7.51	0.54	0.86	
CCE-P1908	Cycle3	684	4.98	34.36	27.18	9.87	3.19	0.06	0.029	44.01	7.51	0.54	0.86	
CCE-P1908	Cycle3	685	4.97	34.36	27.18	9.81	3.17	0.06	0.029	43.73	7.51	0.54	0.86	
CCE-P1908	Cycle3	686	4.97	34.36	27.18	9.87	3.19	0.06	0.029	43.48	7.51	0.54	0.86	
CCE-P1908	Cycle3	687	4.97	34.36	27.18	9.88	3.19	0.06	0.032	43.55	7.51	0.54	0.86	
CCE-P1908	Cycle3	688	4.97	34.36	27.18	9.80	3.16	0.06	0.030	43.63	7.51	0.54	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	689	4.96	34.36	27.18	9.82	3.17	0.06	0.031	43.59	7.51	0.54	0.86	
CCE-P1908	Cycle3	690	4.96	34.36	27.18	9.91	3.20	0.06	0.030	43.44	7.51	0.54	0.86	
CCE-P1908	Cycle3	691	4.95	34.36	27.18	9.85	3.18	0.06	0.030	43.52	7.51	0.54	0.86	
CCE-P1908	Cycle3	692	4.95	34.36	27.18	9.86	3.18	0.06	0.029	43.86	7.51	0.54	0.86	
CCE-P1908	Cycle3	693	4.95	34.36	27.18	9.91	3.20	0.06	0.029	43.83	7.51	0.54	0.86	
CCE-P1908	Cycle3	694	4.94	34.36	27.18	9.90	3.19	0.06	0.028	44.07	7.51	0.54	0.86	
CCE-P1908	Cycle3	695	4.94	34.36	27.18	9.93	3.20	0.06	0.028	42.92	7.51	0.54	0.86	
CCE-P1908	Cycle3	696	4.94	34.36	27.18	9.97	3.22	0.06	0.028	43.28	7.51	0.54	0.86	
CCE-P1908	Cycle3	697	4.94	34.36	27.19	9.92	3.20	0.06	0.028	43.19	7.51	0.54	0.86	
CCE-P1908	Cycle3	698	4.93	34.37	27.19	9.94	3.21	0.06	0.029	43.02	7.51	0.54	0.86	
CCE-P1908	Cycle3	699	4.92	34.37	27.19	9.92	3.20	0.06	0.029	43.14	7.51	0.54	0.86	
CCE-P1908	Cycle3	700	4.92	34.37	27.19	9.88	3.19	0.06	0.030	43.81	7.51	0.54	0.86	
CCE-P1908	Cycle3	701	4.91	34.37	27.19	9.95	3.21	0.06	0.029	43.66	7.51	0.54	0.86	
CCE-P1908	Cycle3	702	4.91	34.37	27.19	9.96	3.21	0.06	0.029	43.76	7.51	0.54	0.86	
CCE-P1908	Cycle3	703	4.90	34.37	27.19	9.92	3.20	0.06	0.029	43.77	7.51	0.54	0.85	
CCE-P1908	Cycle3	704	4.90	34.37	27.19	9.96	3.21	0.06	0.029	43.52	7.51	0.54	0.85	
CCE-P1908	Cycle3	705	4.89	34.37	27.19	10.00	3.22	0.06	0.029	43.86	7.51	0.54	0.85	
CCE-P1908	Cycle3	706	4.89	34.37	27.19	10.01	3.23	0.06	0.029	44.41	7.51	0.54	0.85	
CCE-P1908	Cycle3	707	4.88	34.37	27.20	10.02	3.23	0.06	0.028	43.78	7.51	0.54	0.85	
CCE-P1908	Cycle3	708	4.88	34.37	27.20	9.96	3.21	0.06	0.028	43.87	7.50	0.54	0.85	
CCE-P1908	Cycle3	709	4.87	34.37	27.20	10.04	3.23	0.06	0.028	44.31	7.51	0.54	0.85	
CCE-P1908	Cycle3	710	4.87	34.37	27.20	10.07	3.24	0.06	0.028	43.61	7.51	0.54	0.85	
CCE-P1908	Cycle3	711	4.86	34.37	27.20	10.10	3.25	0.06	0.029	43.65	7.51	0.54	0.85	
CCE-P1908	Cycle3	712	4.86	34.37	27.20	10.11	3.26	0.06	0.029	43.67	7.51	0.54	0.85	
CCE-P1908	Cycle3	713	4.86	34.37	27.20	10.16	3.27	0.06	0.030	44.53	7.51	0.54	0.85	
CCE-P1908	Cycle3	714	4.86	34.37	27.20	10.16	3.27	0.06	0.029	44.66	7.51	0.54	0.85	
CCE-P1908	Cycle3	715	4.85	34.38	27.20	10.17	3.27	0.06	0.029	43.71	7.51	0.54	0.85	
CCE-P1908	Cycle3	716	4.84	34.38	27.21	10.15	3.27	0.06	0.029	44.16	7.50	0.54	0.85	
CCE-P1908	Cycle3	717	4.84	34.38	27.21	10.15	3.27	0.06	0.029	43.91	7.50	0.54	0.85	
CCE-P1908	Cycle3	718	4.84	34.38	27.21	10.16	3.27	0.06	0.030	43.16	7.50	0.54	0.85	
CCE-P1908	Cycle3	719	4.83	34.38	27.21	10.17	3.27	0.06	0.029	43.35	7.50	0.54	0.85	
CCE-P1908	Cycle3	720	4.83	34.38	27.21	10.19	3.28	0.06	0.029	43.18	7.50	0.54	0.85	
CCE-P1908	Cycle3	721	4.83	34.38	27.21	10.21	3.29	0.06	0.029	43.21	7.50	0.54	0.85	
CCE-P1908	Cycle3	722	4.83	34.38	27.21	10.28	3.31	0.06	0.029	43.54	7.51	0.54	0.85	
CCE-P1908	Cycle3	723	4.83	34.38	27.21	10.35	3.33	0.06	0.029	43.48	7.51	0.54	0.85	
CCE-P1908	Cycle3	724	4.83	34.38	27.21	10.32	3.32	0.06	0.029	42.52	7.51	0.54	0.85	
CCE-P1908	Cycle3	725	4.82	34.38	27.21	10.35	3.33	0.06	0.029	43.31	7.51	0.54	0.85	
CCE-P1908	Cycle3	726	4.82	34.38	27.21	10.35	3.33	0.06	0.030	44.45	7.51	0.54	0.85	
CCE-P1908	Cycle3	727	4.81	34.38	27.21	10.37	3.34	0.06	0.031	43.84	7.51	0.54	0.85	
CCE-P1908	Cycle3	728	4.81	34.38	27.21	10.49	3.37	0.06	0.030	44.04	7.51	0.54	0.85	
CCE-P1908	Cycle3	729	4.80	34.38	27.22	10.48	3.37	0.06	0.030	44.10	7.51	0.54	0.85	
CCE-P1908	Cycle3	730	4.79	34.38	27.22	10.37	3.33	0.06	0.030	44.17	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	731	4.79	34.38	27.22	10.37	3.33	0.06	0.030	44.27	7.50	0.54	0.85	
CCE-P1908	Cycle3	732	4.78	34.38	27.22	10.41	3.34	0.06	0.030	44.10	7.50	0.54	0.85	
CCE-P1908	Cycle3	733	4.77	34.38	27.22	10.37	3.33	0.06	0.031	43.75	7.50	0.54	0.85	
CCE-P1908	Cycle3	734	4.76	34.38	27.22	10.31	3.31	0.06	0.031	43.52	7.50	0.54	0.85	
CCE-P1908	Cycle3	735	4.75	34.38	27.22	10.33	3.32	0.06	0.030	43.80	7.50	0.54	0.85	
CCE-P1908	Cycle3	736	4.73	34.38	27.22	10.34	3.32	0.06	0.029	44.11	7.50	0.54	0.85	
CCE-P1908	Cycle3	737	4.72	34.38	27.22	10.37	3.33	0.06	0.029	43.86	7.50	0.54	0.85	
CCE-P1908	Cycle3	738	4.72	34.38	27.22	10.31	3.31	0.06	0.029	43.96	7.50	0.54	0.85	
CCE-P1908	Cycle3	739	4.72	34.38	27.22	10.26	3.29	0.06	0.028	43.88	7.50	0.54	0.85	
CCE-P1908	Cycle3	740	4.72	34.38	27.22	10.23	3.28	0.06	0.028	44.65	7.50	0.54	0.85	
CCE-P1908	Cycle3	741	4.71	34.38	27.22	10.28	3.30	0.06	0.028	44.55	7.50	0.54	0.85	
CCE-P1908	Cycle3	742	4.70	34.38	27.23	10.36	3.32	0.06	0.030	44.43	7.50	0.54	0.85	
CCE-P1908	Cycle3	743	4.70	34.38	27.23	10.35	3.32	0.06	0.029	44.01	7.50	0.54	0.85	
CCE-P1908	Cycle3	744	4.69	34.38	27.23	10.36	3.32	0.06	0.029	44.13	7.50	0.54	0.85	
CCE-P1908	Cycle3	745	4.69	34.38	27.23	10.38	3.33	0.06	0.029	43.97	7.50	0.54	0.85	
CCE-P1908	Cycle3	746	4.69	34.38	27.23	10.38	3.33	0.06	0.030	43.76	7.50	0.54	0.85	
CCE-P1908	Cycle3	747	4.68	34.38	27.23	10.37	3.33	0.06	0.030	43.88	7.50	0.54	0.85	
CCE-P1908	Cycle3	748	4.68	34.38	27.23	10.34	3.31	0.06	0.029	44.17	7.50	0.54	0.85	
CCE-P1908	Cycle3	749	4.68	34.38	27.23	10.42	3.34	0.06	0.029	44.19	7.50	0.54	0.85	
CCE-P1908	Cycle3	750	4.66	34.38	27.23	10.42	3.34	0.06	0.028	44.18	7.50	0.54	0.85	
CCE-P1908	Cycle3	751	4.66	34.38	27.23	10.45	3.35	0.06	0.028	43.56	7.50	0.54	0.85	
CCE-P1908	Cycle3	752	4.66	34.38	27.23	10.48	3.36	0.06	0.028	44.35	7.50	0.54	0.85	
CCE-P1908	Cycle3	753	4.65	34.38	27.23	10.46	3.35	0.06	0.028	44.50	7.50	0.54	0.85	
CCE-P1908	Cycle3	754	4.64	34.39	27.24	10.45	3.35	0.06	0.029	44.05	7.50	0.54	0.85	
CCE-P1908	Cycle3	755	4.64	34.39	27.24	10.42	3.34	0.06	0.029	44.28	7.50	0.54	0.85	
CCE-P1908	Cycle3	756	4.64	34.39	27.24	10.42	3.34	0.06	0.029	43.69	7.50	0.54	0.85	
CCE-P1908	Cycle3	757	4.64	34.39	27.24	10.48	3.36	0.06	0.029	44.14	7.50	0.54	0.85	
CCE-P1908	Cycle3	758	4.63	34.39	27.24	10.49	3.36	0.06	0.029	44.58	7.50	0.54	0.85	
CCE-P1908	Cycle3	759	4.63	34.39	27.24	10.54	3.38	0.06	0.028	44.56	7.50	0.54	0.85	
CCE-P1908	Cycle3	760	4.63	34.39	27.24	10.62	3.40	0.06	0.029	44.14	7.50	0.54	0.85	
CCE-P1908	Cycle3	761	4.62	34.39	27.24	10.64	3.41	0.06	0.029	44.29	7.50	0.54	0.85	
CCE-P1908	Cycle3	762	4.62	34.39	27.24	10.59	3.39	0.06	0.029	44.26	7.50	0.54	0.85	
CCE-P1908	Cycle3	763	4.61	34.39	27.24	10.69	3.42	0.06	0.028	43.88	7.50	0.54	0.85	
CCE-P1908	Cycle3	764	4.61	34.39	27.24	10.71	3.43	0.06	0.028	44.03	7.50	0.54	0.85	
CCE-P1908	Cycle3	765	4.60	34.39	27.24	10.67	3.41	0.06	0.028	44.10	7.50	0.54	0.85	
CCE-P1908	Cycle3	766	4.59	34.39	27.24	10.66	3.41	0.06	0.028	32.65	7.50	0.54	0.84	
CCE-P1908	Cycle3	767	4.58	34.39	27.24	10.64	3.40	0.06	0.029	44.15	7.50	0.54	0.84	
CCE-P1908	Cycle3	768	4.58	34.39	27.24	10.64	3.40	0.06	0.028	43.97	7.50	0.54	0.84	
CCE-P1908	Cycle3	769	4.57	34.39	27.25	10.63	3.40	0.06	0.029	43.88	7.50	0.54	0.84	
CCE-P1908	Cycle3	770	4.57	34.39	27.25	10.54	3.37	0.06	0.028	43.72	7.50	0.54	0.84	
CCE-P1908	Cycle3	771	4.56	34.39	27.25	10.55	3.37	0.06	0.027	43.36	7.50	0.54	0.84	
CCE-P1908	Cycle3	772	4.56	34.39	27.25	10.60	3.39	0.06	0.027	43.72	7.50	0.54	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	773	4.55	34.39	27.25	10.64	3.40	0.06	0.027	44.30	7.50	0.54	0.84	
CCE-P1908	Cycle3	774	4.55	34.39	27.25	10.64	3.40	0.06	0.027	43.95	7.50	0.54	0.84	
CCE-P1908	Cycle3	775	4.55	34.39	27.25	10.76	3.44	0.06	0.026	43.61	7.50	0.54	0.84	
CCE-P1908	Cycle3	776	4.54	34.39	27.25	10.76	3.44	0.06	0.027	43.54	7.50	0.54	0.84	
CCE-P1908	Cycle3	777	4.54	34.39	27.25	10.73	3.43	0.06	0.026	44.88	7.50	0.53	0.84	
CCE-P1908	Cycle3	778	4.54	34.39	27.25	10.78	3.44	0.06	0.026	44.58	7.50	0.53	0.84	
CCE-P1908	Cycle3	779	4.54	34.39	27.25	10.80	3.45	0.06	0.026	44.92	7.50	0.53	0.84	
CCE-P1908	Cycle3	780	4.53	34.39	27.25	10.89	3.48	0.06	0.026	45.29	7.50	0.53	0.84	
CCE-P1908	Cycle3	781	4.53	34.39	27.25	10.89	3.48	0.06	0.026	43.43	7.50	0.53	0.84	
CCE-P1908	Cycle3	782	4.52	34.39	27.25	10.94	3.50	0.06	0.026	44.31	7.50	0.53	0.84	
CCE-P1908	Cycle3	783	4.52	34.39	27.26	10.96	3.50	0.06	0.026	45.16	7.50	0.53	0.84	
CCE-P1908	Cycle3	784	4.52	34.39	27.26	10.93	3.49	0.06	0.027	44.08	7.50	0.53	0.84	
CCE-P1908	Cycle3	785	4.52	34.39	27.26	10.95	3.50	0.06	0.027	44.14	7.50	0.53	0.84	
CCE-P1908	Cycle3	786	4.51	34.39	27.26	10.92	3.49	0.06	0.029	44.17	7.50	0.53	0.84	
CCE-P1908	Cycle3	787	4.51	34.40	27.26	10.93	3.49	0.06	0.027	43.79	7.50	0.53	0.84	
CCE-P1908	Cycle3	788	4.50	34.40	27.26	10.95	3.50	0.06	0.027	43.67	7.50	0.53	0.84	
CCE-P1908	Cycle3	789	4.50	34.40	27.26	11.03	3.52	0.06	0.027	44.77	7.50	0.53	0.84	
CCE-P1908	Cycle3	790	4.49	34.40	27.26	11.02	3.52	0.06	0.026	44.25	7.50	0.53	0.84	
CCE-P1908	Cycle3	791	4.48	34.40	27.26	11.12	3.55	0.06	0.026	43.98	7.50	0.53	0.84	
CCE-P1908	Cycle3	792	4.48	34.40	27.26	11.15	3.56	0.06	0.026	44.24	7.50	0.53	0.84	
CCE-P1908	Cycle3	793	4.48	34.40	27.26	11.12	3.55	0.06	0.026	44.33	7.50	0.53	0.84	
CCE-P1908	Cycle3	794	4.47	34.40	27.26	11.11	3.55	0.06	0.026	44.93	7.50	0.53	0.84	
CCE-P1908	Cycle3	795	4.46	34.40	27.26	11.11	3.54	0.07	0.026	44.77	7.50	0.53	0.84	
CCE-P1908	Cycle3	796	4.45	34.40	27.26	11.13	3.55	0.06	0.026	44.67	7.50	0.53	0.84	
CCE-P1908	Cycle3	797	4.45	34.40	27.26	11.25	3.59	0.06	0.026	44.09	7.50	0.53	0.84	
CCE-P1908	Cycle3	798	4.45	34.40	27.27	11.26	3.59	0.06	0.026	44.41	7.50	0.53	0.84	
CCE-P1908	Cycle3	799	4.45	34.40	27.27	11.27	3.59	0.06	0.026	44.44	7.50	0.53	0.84	
CCE-P1908	Cycle3	800	4.44	34.40	27.27	11.25	3.59	0.06	0.027	44.23	7.50	0.53	0.84	
CCE-P1908	Cycle3	801	4.43	34.40	27.27	11.15	3.56	0.06	0.027	43.76	7.50	0.53	0.84	
CCE-P1908	Cycle3	802	4.43	34.40	27.27	11.16	3.56	0.06	0.027	44.01	7.50	0.53	0.84	
CCE-P1908	Cycle3	803	4.43	34.40	27.27	11.19	3.57	0.06	0.026	44.28	7.50	0.53	0.84	
CCE-P1908	Cycle3	804	4.43	34.40	27.27	11.23	3.58	0.06	0.026	44.12	7.50	0.53	0.84	
CCE-P1908	Cycle3	805	4.42	34.40	27.27	11.24	3.58	0.06	0.026	44.68	7.50	0.53	0.84	
CCE-P1908	Cycle3	806	4.42	34.40	27.27	11.30	3.60	0.06	0.028	44.40	7.50	0.53	0.84	
CCE-P1908	Cycle3	807	4.40	34.40	27.27	11.24	3.58	0.06	0.027	44.85	7.50	0.53	0.84	
CCE-P1908	Cycle3	808	4.40	34.40	27.27	11.37	3.62	0.06	0.026	45.27	7.50	0.53	0.84	
CCE-P1908	Cycle3	809	4.40	34.40	27.27	11.42	3.64	0.06	0.025	44.88	7.50	0.53	0.84	
CCE-P1908	Cycle3	810	4.40	34.40	27.27	11.42	3.64	0.06	0.025	44.52	7.50	0.53	0.84	
CCE-P1908	Cycle3	811	4.40	34.40	27.27	11.39	3.63	0.06	0.025	43.84	7.50	0.53	0.84	
CCE-P1908	Cycle3	812	4.40	34.40	27.27	11.39	3.63	0.06	0.027	44.72	7.50	0.53	0.84	
CCE-P1908	Cycle3	813	4.39	34.40	27.27	11.50	3.66	0.06	0.026	45.39	7.50	0.53	0.84	
CCE-P1908	Cycle3	814	4.39	34.40	27.28	11.56	3.68	0.06	0.026	44.58	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	815	4.39	34.40	27.28	11.52	3.67	0.06	0.026	44.34	7.50	0.53	0.84	
CCE-P1908	Cycle3	816	4.38	34.40	27.28	11.60	3.69	0.06	0.025	44.61	7.50	0.53	0.84	
CCE-P1908	Cycle3	817	4.38	34.40	27.28	11.64	3.71	0.06	0.025	44.68	7.50	0.53	0.84	
CCE-P1908	Cycle3	818	4.38	34.40	27.28	11.60	3.69	0.06	0.025	44.58	7.50	0.53	0.84	
CCE-P1908	Cycle3	819	4.38	34.40	27.28	11.60	3.69	0.06	0.025	45.24	7.50	0.53	0.84	
CCE-P1908	Cycle3	820	4.38	34.40	27.28	11.82	3.76	0.06	0.025	44.75	7.50	0.53	0.84	
CCE-P1908	Cycle3	821	4.38	34.40	27.28	11.86	3.78	0.06	0.025	44.21	7.50	0.53	0.84	
CCE-P1908	Cycle3	822	4.38	34.41	27.28	11.91	3.79	0.06	0.025	44.63	7.50	0.53	0.84	
CCE-P1908	Cycle3	823	4.39	34.41	27.28	11.86	3.78	0.06	0.025	45.08	7.50	0.53	0.84	
CCE-P1908	Cycle3	824	4.39	34.41	27.28	11.91	3.79	0.06	0.025	45.18	7.50	0.53	0.84	
CCE-P1908	Cycle3	825	4.38	34.41	27.28	12.05	3.84	0.06	0.025	44.79	7.50	0.53	0.84	
CCE-P1908	Cycle3	826	4.38	34.41	27.28	12.08	3.85	0.06	0.026	44.60	7.50	0.53	0.84	
CCE-P1908	Cycle3	827	4.38	34.41	27.28	11.99	3.82	0.06	0.026	44.70	7.50	0.53	0.84	
CCE-P1908	Cycle3	828	4.38	34.41	27.28	11.99	3.82	0.06	0.027	44.82	7.50	0.53	0.84	
CCE-P1908	Cycle3	829	4.37	34.41	27.28	12.03	3.83	0.06	0.028	44.18	7.50	0.53	0.84	
CCE-P1908	Cycle3	830	4.37	34.41	27.28	12.11	3.86	0.06	0.027	44.80	7.50	0.53	0.84	
CCE-P1908	Cycle3	831	4.37	34.41	27.29	12.16	3.87	0.06	0.026	44.41	7.50	0.53	0.84	
CCE-P1908	Cycle3	832	4.36	34.41	27.29	12.15	3.87	0.06	0.026	44.36	7.50	0.53	0.84	
CCE-P1908	Cycle3	833	4.35	34.41	27.29	12.19	3.88	0.06	0.026	44.56	7.50	0.53	0.84	
CCE-P1908	Cycle3	834	4.35	34.41	27.29	12.28	3.91	0.06	0.026	35.29	7.50	0.53	0.84	
CCE-P1908	Cycle3	835	4.35	34.41	27.29	12.23	3.89	0.06	0.027	44.54	7.50	0.53	0.84	
CCE-P1908	Cycle3	836	4.35	34.41	27.29	12.23	3.89	0.06	0.026	44.42	7.50	0.53	0.84	
CCE-P1908	Cycle3	837	4.34	34.41	27.29	12.24	3.89	0.06	0.026	44.52	7.50	0.53	0.84	
CCE-P1908	Cycle3	838	4.34	34.41	27.29	12.30	3.91	0.06	0.026	44.89	7.50	0.53	0.84	
CCE-P1908	Cycle3	839	4.34	34.41	27.29	12.41	3.95	0.06	0.026	44.79	7.50	0.53	0.84	
CCE-P1908	Cycle3	840	4.33	34.41	27.29	12.37	3.93	0.06	0.026	44.66	7.50	0.53	0.84	
CCE-P1908	Cycle3	841	4.33	34.41	27.29	12.36	3.93	0.06	0.026	45.34	7.50	0.53	0.84	
CCE-P1908	Cycle3	842	4.32	34.41	27.29	12.42	3.95	0.06	0.025	45.20	7.50	0.53	0.84	
CCE-P1908	Cycle3	843	4.32	34.41	27.29	12.51	3.98	0.06	0.026	45.41	7.50	0.53	0.84	
CCE-P1908	Cycle3	844	4.31	34.41	27.29	12.55	3.99	0.06	0.026	45.36	7.50	0.53	0.84	
CCE-P1908	Cycle3	845	4.31	34.41	27.29	12.53	3.98	0.06	0.026	45.15	7.50	0.53	0.84	
CCE-P1908	Cycle3	846	4.31	34.41	27.29	12.55	3.99	0.06	0.025	45.01	7.50	0.53	0.84	
CCE-P1908	Cycle3	847	4.31	34.41	27.29	12.53	3.98	0.06	0.025	44.06	7.50	0.53	0.84	
CCE-P1908	Cycle3	848	4.30	34.41	27.29	12.52	3.98	0.06	0.025	44.71	7.50	0.53	0.84	
CCE-P1908	Cycle3	849	4.30	34.41	27.30	12.61	4.01	0.06	0.025	45.21	7.50	0.53	0.84	
CCE-P1908	Cycle3	850	4.30	34.41	27.30	12.67	4.03	0.06	0.025	45.04	7.50	0.53	0.84	
CCE-P1908	Cycle3	851	4.30	34.41	27.30	12.66	4.02	0.06	0.025	44.69	7.50	0.53	0.84	
CCE-P1908	Cycle3	852	4.29	34.42	27.30	12.64	4.02	0.06	0.025	44.67	7.50	0.53	0.84	
CCE-P1908	Cycle3	853	4.29	34.42	27.30	12.73	4.05	0.06	0.025	45.18	7.50	0.53	0.84	
CCE-P1908	Cycle3	854	4.29	34.42	27.30	12.75	4.05	0.06	0.025	45.13	7.50	0.53	0.84	
CCE-P1908	Cycle3	855	4.28	34.42	27.30	12.86	4.08	0.06	0.026	45.61	7.50	0.53	0.84	
CCE-P1908	Cycle3	856	4.28	34.42	27.30	12.83	4.08	0.06	0.025	45.08	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	857	4.28	34.42	27.30	12.81	4.07	0.06	0.025	46.13	7.50	0.53	0.83	
CCE-P1908	Cycle3	858	4.28	34.42	27.30	12.99	4.13	0.06	0.025	45.45	7.50	0.53	0.83	
CCE-P1908	Cycle3	859	4.28	34.42	27.30	13.09	4.16	0.06	0.026	45.05	7.50	0.53	0.83	
CCE-P1908	Cycle3	860	4.28	34.42	27.30	13.19	4.19	0.06	0.026	45.15	7.50	0.53	0.84	
CCE-P1908	Cycle3	861	4.28	34.42	27.30	13.10	4.16	0.06	0.025	45.07	7.50	0.53	0.83	
CCE-P1908	Cycle3	862	4.28	34.42	27.30	13.05	4.14	0.06	0.025	44.46	7.50	0.53	0.83	
CCE-P1908	Cycle3	863	4.27	34.42	27.30	13.07	4.15	0.06	0.025	44.50	7.50	0.53	0.83	
CCE-P1908	Cycle3	864	4.26	34.42	27.30	13.10	4.16	0.06	0.025	44.76	7.50	0.53	0.83	
CCE-P1908	Cycle3	865	4.26	34.42	27.30	13.13	4.17	0.07	0.025	44.91	7.50	0.53	0.83	
CCE-P1908	Cycle3	866	4.25	34.42	27.30	13.15	4.17	0.06	0.027	44.50	7.50	0.53	0.83	
CCE-P1908	Cycle3	867	4.26	34.42	27.31	13.19	4.19	0.06	0.025	44.98	7.50	0.53	0.83	
CCE-P1908	Cycle3	868	4.25	34.42	27.31	13.18	4.18	0.06	0.025	44.47	7.50	0.53	0.83	
CCE-P1908	Cycle3	869	4.24	34.42	27.31	13.18	4.18	0.06	0.026	45.38	7.50	0.53	0.83	
CCE-P1908	Cycle3	870	4.24	34.42	27.31	13.21	4.19	0.06	0.029	45.37	7.50	0.53	0.83	
CCE-P1908	Cycle3	871	4.23	34.42	27.31	13.27	4.21	0.06	0.026	45.27	7.50	0.53	0.83	
CCE-P1908	Cycle3	872	4.23	34.42	27.31	13.32	4.23	0.06	0.025	45.23	7.50	0.53	0.83	
CCE-P1908	Cycle3	873	4.23	34.42	27.31	13.37	4.24	0.06	0.029	45.09	7.50	0.53	0.83	
CCE-P1908	Cycle3	874	4.23	34.42	27.31	13.30	4.22	0.07	0.025	44.30	7.50	0.53	0.83	
CCE-P1908	Cycle3	875	4.23	34.42	27.31	13.43	4.26	0.06	0.025	44.93	7.50	0.53	0.83	
CCE-P1908	Cycle3	876	4.24	34.42	27.31	13.55	4.30	0.06	0.025	44.21	7.51	0.53	0.83	
CCE-P1908	Cycle3	877	4.24	34.42	27.31	13.55	4.30	0.06	0.025	44.36	7.51	0.53	0.83	
CCE-P1908	Cycle3	878	4.24	34.42	27.31	13.61	4.32	0.06	0.024	44.55	7.51	0.53	0.83	
CCE-P1908	Cycle3	879	4.23	34.42	27.31	13.70	4.35	0.06	0.026	44.31	7.51	0.53	0.83	
CCE-P1908	Cycle3	880	4.23	34.42	27.31	13.65	4.33	0.06	0.027	45.35	7.51	0.53	0.83	
CCE-P1908	Cycle3	881	4.22	34.42	27.31	13.62	4.32	0.06	0.026	45.57	7.51	0.53	0.83	
CCE-P1908	Cycle3	882	4.21	34.42	27.31	13.70	4.34	0.06	0.025	44.93	7.51	0.53	0.83	
CCE-P1908	Cycle3	883	4.21	34.42	27.31	13.74	4.36	0.06	0.025	44.48	7.51	0.53	0.83	
CCE-P1908	Cycle3	884	4.20	34.42	27.31	13.87	4.40	0.06	0.025	45.00	7.51	0.53	0.83	
CCE-P1908	Cycle3	885	4.20	34.42	27.31	13.88	4.40	0.06	0.025	45.33	7.51	0.53	0.83	
CCE-P1908	Cycle3	886	4.19	34.42	27.32	13.88	4.40	0.06	0.025	44.98	7.51	0.53	0.83	
CCE-P1908	Cycle3	887	4.19	34.43	27.32	13.99	4.43	0.06	0.025	44.36	7.51	0.53	0.83	
CCE-P1908	Cycle3	888	4.19	34.43	27.32	14.03	4.45	0.06	0.025	44.62	7.51	0.53	0.83	
CCE-P1908	Cycle3	889	4.18	34.43	27.32	14.04	4.45	0.06	0.025	44.38	7.51	0.53	0.83	
CCE-P1908	Cycle3	890	4.17	34.43	27.32	14.03	4.44	0.06	0.025	44.53	7.51	0.53	0.83	
CCE-P1908	Cycle3	891	4.17	34.43	27.32	14.03	4.44	0.06	0.025	44.31	7.51	0.53	0.83	
CCE-P1908	Cycle3	892	4.17	34.43	27.32	14.07	4.46	0.06	0.024	44.50	7.51	0.53	0.83	
CCE-P1908	Cycle3	893	4.16	34.43	27.32	14.03	4.44	0.06	0.025	45.19	7.51	0.53	0.83	
CCE-P1908	Cycle3	894	4.15	34.43	27.32	14.25	4.51	0.06	0.026	44.75	7.51	0.53	0.83	
CCE-P1908	Cycle3	895	4.15	34.43	27.32	14.28	4.52	0.06	0.025	45.02	7.51	0.53	0.83	
CCE-P1908	Cycle3	896	4.15	34.43	27.32	14.35	4.54	0.06	0.025	45.41	7.51	0.53	0.83	
CCE-P1908	Cycle3	897	4.15	34.43	27.32	14.33	4.54	0.06	0.025	45.25	7.51	0.53	0.83	
CCE-P1908	Cycle3	898	4.15	34.43	27.32	14.38	4.55	0.06	0.025	44.14	7.51	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	899	4.14	34.43	27.33	14.38	4.55	0.06	0.025	45.25	7.51	0.53	0.83	
CCE-P1908	Cycle3	900	4.14	34.43	27.33	14.45	4.57	0.06	0.025	45.47	7.51	0.53	0.83	
CCE-P1908	Cycle3	901	4.14	34.43	27.33	14.47	4.58	0.06	0.025	45.45	7.51	0.53	0.83	
CCE-P1908	Cycle3	902	4.13	34.43	27.33	14.61	4.62	0.06	0.025	45.14	7.51	0.53	0.83	
CCE-P1908	Cycle3	903	4.13	34.43	27.33	14.61	4.63	0.06	0.025	45.71	7.51	0.53	0.83	
CCE-P1908	Cycle3	904	4.13	34.43	27.33	14.64	4.63	0.06	0.026	45.74	7.51	0.53	0.83	
CCE-P1908	Cycle3	905	4.13	34.43	27.33	14.69	4.65	0.06	0.026	44.95	7.51	0.53	0.83	
CCE-P1908	Cycle3	906	4.12	34.43	27.33	14.70	4.65	0.06	0.025	45.38	7.51	0.53	0.83	
CCE-P1908	Cycle3	907	4.12	34.43	27.33	14.77	4.67	0.06	0.025	45.45	7.51	0.53	0.83	
CCE-P1908	Cycle3	908	4.12	34.43	27.33	14.72	4.66	0.06	0.025	44.87	7.51	0.53	0.83	
CCE-P1908	Cycle3	909	4.11	34.43	27.33	14.71	4.66	0.06	0.025	44.91	7.51	0.53	0.83	
CCE-P1908	Cycle3	910	4.11	34.43	27.33	14.72	4.66	0.06	0.024	44.72	7.51	0.53	0.83	
CCE-P1908	Cycle3	911	4.11	34.43	27.33	14.78	4.67	0.06	0.025	45.03	7.51	0.53	0.83	
CCE-P1908	Cycle3	912	4.10	34.43	27.33	14.87	4.70	0.06	0.025	44.53	7.51	0.53	0.83	
CCE-P1908	Cycle3	913	4.10	34.43	27.33	14.88	4.71	0.06	0.025	45.38	7.51	0.52	0.83	
CCE-P1908	Cycle3	914	4.09	34.43	27.33	14.90	4.71	0.06	0.025	46.13	7.51	0.52	0.83	
CCE-P1908	Cycle3	915	4.09	34.43	27.33	14.94	4.72	0.06	0.025	45.87	7.51	0.52	0.83	
CCE-P1908	Cycle3	916	4.08	34.43	27.33	14.98	4.74	0.06	0.024	45.11	7.51	0.52	0.83	
CCE-P1908	Cycle3	917	4.08	34.43	27.33	15.00	4.74	0.06	0.025	44.30	7.51	0.52	0.83	
CCE-P1908	Cycle3	918	4.08	34.43	27.33	15.04	4.75	0.06	0.024	44.29	7.51	0.52	0.83	
CCE-P1908	Cycle3	919	4.08	34.43	27.33	15.04	4.75	0.06	0.025	44.11	7.51	0.52	0.83	
CCE-P1908	Cycle3	920	4.07	34.43	27.34	15.11	4.78	0.06	0.024	44.40	7.51	0.52	0.83	
CCE-P1908	Cycle3	921	4.07	34.43	27.34	15.12	4.78	0.06	0.024	44.74	7.51	0.52	0.83	
CCE-P1908	Cycle3	922	4.07	34.43	27.34	15.24	4.82	0.06	0.025	45.61	7.51	0.52	0.83	
CCE-P1908	Cycle3	923	4.07	34.44	27.34	15.27	4.83	0.06	0.024	44.88	7.51	0.52	0.83	
CCE-P1908	Cycle3	924	4.06	34.44	27.34	15.33	4.84	0.06	0.024	44.78	7.51	0.52	0.83	
CCE-P1908	Cycle3	925	4.06	34.44	27.34	15.36	4.85	0.06	0.024	45.18	7.51	0.52	0.83	
CCE-P1908	Cycle3	926	4.06	34.44	27.34	15.39	4.86	0.06	0.024	45.46	7.51	0.52	0.83	
CCE-P1908	Cycle3	927	4.06	34.44	27.34	15.44	4.88	0.06	0.024	44.90	7.51	0.52	0.83	
CCE-P1908	Cycle3	928	4.05	34.44	27.34	15.45	4.88	0.06	0.024	45.01	7.51	0.52	0.83	
CCE-P1908	Cycle3	929	4.05	34.44	27.34	15.51	4.90	0.06	0.024	44.18	7.51	0.52	0.83	
CCE-P1908	Cycle3	930	4.05	34.44	27.34	15.51	4.90	0.06	0.024	44.38	7.51	0.52	0.83	
CCE-P1908	Cycle3	931	4.04	34.44	27.34	15.52	4.90	0.06	0.024	45.07	7.51	0.52	0.83	
CCE-P1908	Cycle3	932	4.04	34.44	27.34	15.62	4.93	0.06	0.024	45.17	7.51	0.52	0.83	
CCE-P1908	Cycle3	933	4.04	34.44	27.34	15.64	4.94	0.06	0.024	45.27	7.51	0.52	0.83	
CCE-P1908	Cycle3	934	4.04	34.44	27.34	15.65	4.94	0.06	0.024	45.04	7.51	0.52	0.83	
CCE-P1908	Cycle3	935	4.03	34.44	27.34	15.74	4.97	0.06	0.024	45.40	7.51	0.52	0.83	
CCE-P1908	Cycle3	936	4.02	34.44	27.34	15.73	4.97	0.06	0.024	31.96	7.51	0.52	0.83	
CCE-P1908	Cycle3	937	4.02	34.44	27.34	15.83	5.00	0.06	0.024	45.26	7.51	0.52	0.83	
CCE-P1908	Cycle3	938	4.01	34.44	27.34	15.83	5.00	0.06	0.024	45.58	7.51	0.52	0.83	
CCE-P1908	Cycle3	939	4.01	34.44	27.35	15.87	5.01	0.06	0.025	45.06	7.51	0.52	0.83	
CCE-P1908	Cycle3	940	4.00	34.44	27.35	15.93	5.03	0.06	0.024	44.58	7.51	0.52	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	941	4.00	34.44	27.35	15.97	5.04	0.06	0.024	45.11	7.51	0.52	0.83	
CCE-P1908	Cycle3	942	4.00	34.44	27.35	16.01	5.05	0.06	0.024	46.00	7.51	0.52	0.82	
CCE-P1908	Cycle3	943	3.99	34.44	27.35	16.04	5.06	0.06	0.024	46.36	7.51	0.52	0.82	
CCE-P1908	Cycle3	944	3.99	34.44	27.35	16.10	5.08	0.06	0.024	44.69	7.51	0.52	0.82	
CCE-P1908	Cycle3	945	3.99	34.44	27.35	16.12	5.08	0.06	0.023	45.17	7.51	0.52	0.82	
CCE-P1908	Cycle3	946	3.99	34.44	27.35	16.10	5.08	0.06	0.024	45.33	7.51	0.52	0.82	
CCE-P1908	Cycle3	947	3.98	34.44	27.35	16.17	5.10	0.06	0.024	45.62	7.51	0.52	0.82	
CCE-P1908	Cycle3	948	3.98	34.44	27.35	16.21	5.11	0.06	0.025	45.42	7.51	0.52	0.82	
CCE-P1908	Cycle3	949	3.98	34.44	27.35	16.31	5.14	0.06	0.024	45.84	7.51	0.52	0.82	
CCE-P1908	Cycle3	950	3.98	34.44	27.35	16.41	5.18	0.06	0.024	45.18	7.51	0.52	0.82	
CCE-P1908	Cycle3	951	3.98	34.44	27.35	16.33	5.15	0.06	0.024	45.48	7.51	0.52	0.82	
CCE-P1908	Cycle3	952	3.97	34.44	27.35	16.33	5.15	0.06	0.024	46.18	7.51	0.52	0.82	
CCE-P1908	Cycle3	953	3.97	34.44	27.35	16.36	5.16	0.06	0.024	45.54	7.51	0.52	0.82	
CCE-P1908	Cycle3	954	3.97	34.44	27.35	16.44	5.18	0.06	0.024	33.73	7.51	0.52	0.82	
CCE-P1908	Cycle3	955	3.96	34.44	27.35	16.49	5.20	0.06	0.023	45.17	7.51	0.52	0.82	
CCE-P1908	Cycle3	956	3.96	34.44	27.35	16.58	5.23	0.06	0.023	44.53	7.51	0.52	0.82	
CCE-P1908	Cycle3	957	3.96	34.44	27.36	16.63	5.24	0.06	0.023	43.80	7.51	0.52	0.82	
CCE-P1908	Cycle3	958	3.95	34.44	27.36	16.68	5.26	0.06	0.023	45.08	7.51	0.52	0.82	
CCE-P1908	Cycle3	959	3.95	34.44	27.36	16.79	5.29	0.06	0.023	45.40	7.51	0.52	0.82	
CCE-P1908	Cycle3	960	3.95	34.45	27.36	16.85	5.31	0.06	0.023	45.97	7.51	0.52	0.82	
CCE-P1908	Cycle3	961	3.94	34.45	27.36	16.88	5.32	0.06	0.023	45.26	7.51	0.52	0.82	
CCE-P1908	Cycle3	962	3.94	34.45	27.36	16.94	5.34	0.06	0.023	45.81	7.51	0.52	0.82	
CCE-P1908	Cycle3	963	3.94	34.45	27.36	16.96	5.34	0.06	0.024	45.21	7.51	0.52	0.82	
CCE-P1908	Cycle3	964	3.93	34.45	27.36	17.01	5.36	0.06	0.026	44.85	7.51	0.52	0.82	
CCE-P1908	Cycle3	965	3.93	34.45	27.36	17.01	5.36	0.06	0.024	44.83	7.51	0.52	0.82	
CCE-P1908	Cycle3	966	3.93	34.45	27.36	17.12	5.39	0.06	0.023	45.77	7.51	0.52	0.82	
CCE-P1908	Cycle3	967	3.93	34.45	27.36	17.15	5.40	0.06	0.023	45.77	7.51	0.52	0.82	
CCE-P1908	Cycle3	968	3.93	34.45	27.36	17.12	5.39	0.06	0.024	44.69	7.51	0.52	0.82	
CCE-P1908	Cycle3	969	3.93	34.45	27.36	17.09	5.38	0.06	0.024	45.07	7.51	0.52	0.82	
CCE-P1908	Cycle3	970	3.92	34.45	27.36	17.11	5.39	0.06	0.024	44.56	7.51	0.52	0.82	
CCE-P1908	Cycle3	971	3.92	34.45	27.36	17.21	5.42	0.06	0.023	45.48	7.51	0.52	0.82	
CCE-P1908	Cycle3	972	3.92	34.45	27.36	17.26	5.44	0.06	0.023	44.57	7.51	0.52	0.82	
CCE-P1908	Cycle3	973	3.92	34.45	27.36	17.33	5.46	0.06	0.024	45.31	7.51	0.52	0.82	
CCE-P1908	Cycle3	974	3.92	34.45	27.36	17.41	5.48	0.06	0.023	45.65	7.51	0.52	0.82	
CCE-P1908	Cycle3	975	3.91	34.45	27.36	17.41	5.48	0.06	0.023	45.37	7.51	0.52	0.82	
CCE-P1908	Cycle3	976	3.91	34.45	27.36	17.43	5.49	0.06	0.023	45.35	7.51	0.52	0.82	
CCE-P1908	Cycle3	977	3.90	34.45	27.36	17.46	5.50	0.06	0.023	45.41	7.51	0.52	0.82	
CCE-P1908	Cycle3	978	3.91	34.45	27.37	17.57	5.53	0.06	0.023	45.06	7.51	0.52	0.82	
CCE-P1908	Cycle3	979	3.89	34.45	27.37	17.56	5.53	0.06	0.023	45.53	7.51	0.52	0.82	
CCE-P1908	Cycle3	980	3.89	34.45	27.37	17.63	5.55	0.06	0.023	45.72	7.51	0.52	0.82	
CCE-P1908	Cycle3	981	3.89	34.45	27.37	17.75	5.59	0.06	0.023	45.14	7.51	0.52	0.82	
CCE-P1908	Cycle3	982	3.88	34.45	27.37	17.74	5.58	0.06	0.024	45.91	7.51	0.52	0.82	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle3	983	3.88	34.45	27.37	17.79	5.60	0.06	0.022	45.28	7.51	0.52	0.82	
CCE-P1908	Cycle3	984	3.88	34.45	27.37	17.97	5.65	0.06	0.023	45.26	7.51	0.52	0.82	
CCE-P1908	Cycle3	985	3.88	34.45	27.37	18.01	5.66	0.06	0.022	44.82	7.51	0.52	0.82	
CCE-P1908	Cycle3	986	3.87	34.45	27.37	18.03	5.67	0.06	0.023	44.76	7.51	0.52	0.82	
CCE-P1908	Cycle3	987	3.87	34.45	27.37	18.06	5.68	0.06	0.023	44.93	7.51	0.52	0.82	
CCE-P1908	Cycle3	988	3.87	34.45	27.37	18.21	5.73	0.06	0.022	45.42	7.51	0.52	0.82	
CCE-P1908	Cycle3	989	3.86	34.45	27.37	18.19	5.72	0.06	0.023	45.05	7.51	0.52	0.82	
CCE-P1908	Cycle3	990	3.86	34.45	27.37	18.22	5.73	0.06	0.022	45.43	7.51	0.52	0.82	
CCE-P1908	Cycle3	991	3.86	34.45	27.37	18.30	5.75	0.06	0.025	45.79	7.51	0.52	0.82	
CCE-P1908	Cycle3	992	3.85	34.45	27.37	18.28	5.75	0.06	0.022	44.95	7.51	0.52	0.82	
CCE-P1908	Cycle3	993	3.85	34.45	27.37	18.34	5.77	0.06	0.023	46.15	7.51	0.52	0.82	
CCE-P1908	Cycle3	994	3.84	34.45	27.38	18.31	5.76	0.06	0.022	45.36	7.51	0.52	0.82	
CCE-P1908	Cycle3	995	3.84	34.45	27.38	18.47	5.80	0.06	0.022	45.12	7.51	0.52	0.82	
CCE-P1908	Cycle3	996	3.84	34.46	27.38	18.72	5.88	0.06	0.023		7.51	0.52	0.82	
CCE-P1908	Cycle3	997	3.81	34.46	27.38	18.89	5.93	0.06	0.022		7.51	0.52	0.82	
CCE-P1908	Cycle3	998	3.81	34.46	27.38	18.95	5.95	0.06	0.022		7.51	0.52	0.82	
CCE-P1908	Cycle3	999	3.81	34.46	27.38	19.01	5.97	0.06	0.021		7.51	0.52	0.82	
CCE-P1908	Cycle3	1000	3.81	34.46	27.38	18.91	5.94	0.06	0.022		7.51	0.52	0.82	
CCE-P1908	Cycle4	2	20.47	33.16	23.23	227.61	100.74	0.07	0.075	0.00	8.07	2.91	4.51	
CCE-P1908	Cycle4	3	20.54	33.16	23.21	227.01	100.61	0.07	0.079	0.77	8.07	2.91	4.52	
CCE-P1908	Cycle4	4	20.60	33.16	23.20	226.64	100.55	0.07	0.078	0.76	8.07	2.92	4.53	
CCE-P1908	Cycle4	5	20.60	33.16	23.20	226.80	100.62	0.07	0.078	0.74	8.07	2.92	4.53	
CCE-P1908	Cycle4	6	20.60	33.16	23.20	226.79	100.61	0.07	0.077	0.76	8.07	2.92	4.53	
CCE-P1908	Cycle4	7	20.60	33.16	23.20	226.93	100.68	0.07	0.077	0.76	8.07	2.92	4.53	
CCE-P1908	Cycle4	8	20.53	33.16	23.22	227.24	100.69	0.07	0.079	0.82	8.07	2.91	4.52	
CCE-P1908	Cycle4	9	20.46	33.15	23.23	227.63	100.74	0.07	0.078	0.78	8.07	2.91	4.51	
CCE-P1908	Cycle4	10	20.37	33.15	23.25	228.02	100.74	0.07	0.079	0.82	8.06	2.90	4.49	
CCE-P1908	Cycle4	11	20.26	33.15	23.28	228.41	100.72	0.07	0.079	0.63	8.06	2.89	4.48	
CCE-P1908	Cycle4	12	20.20	33.15	23.30	228.72	100.73	0.07	0.082	0.73	8.06	2.88	4.47	
CCE-P1908	Cycle4	13	20.13	33.15	23.31	229.16	100.80	0.08	0.087	0.61	8.06	2.87	4.46	
CCE-P1908	Cycle4	14	20.03	33.14	23.34	229.66	100.84	0.07	0.086	0.76	8.06	2.86	4.44	
CCE-P1908	Cycle4	15	19.99	33.14	23.35	230.19	100.99	0.07	0.087	0.69	8.06	2.86	4.44	
CCE-P1908	Cycle4	16	19.94	33.14	23.36	230.72	101.13	0.07	0.089	0.69	8.06	2.86	4.44	
CCE-P1908	Cycle4	17	19.89	33.14	23.37	230.97	101.14	0.07	0.092	0.82	8.06	2.85	4.43	
CCE-P1908	Cycle4	18	19.85	33.13	23.38	231.32	101.22	0.07	0.095	0.77	8.06	2.85	4.42	
CCE-P1908	Cycle4	19	19.82	33.13	23.39	231.56	101.26	0.08	0.097	0.72	8.06	2.85	4.42	
CCE-P1908	Cycle4	20	19.79	33.13	23.39	231.64	101.25	0.08	0.100	1.16	8.06	2.85	4.42	
CCE-P1908	Cycle4	21	19.77	33.13	23.40	231.74	101.24	0.08	0.100	0.82	8.06	2.84	4.41	
CCE-P1908	Cycle4	22	19.75	33.13	23.40	231.96	101.30	0.08	0.102	0.54	8.06	2.84	4.41	
CCE-P1908	Cycle4	23	19.73	33.13	23.41	232.02	101.30	0.08	0.103	0.74	8.06	2.84	4.41	
CCE-P1908	Cycle4	24	19.72	33.13	23.41	232.08	101.31	0.08	0.104	0.59	8.06	2.84	4.40	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	25	19.70	33.13	23.41	232.31	101.37	0.08	0.106	0.54	8.06	2.84	4.40	
CCE-P1908	Cycle4	26	19.68	33.13	23.42	232.72	101.51	0.08	0.107	0.79	8.06	2.84	4.40	
CCE-P1908	Cycle4	27	19.65	33.12	23.42	233.38	101.74	0.08	0.109	0.60	8.06	2.84	4.41	
CCE-P1908	Cycle4	28	19.59	33.12	23.43	234.54	102.11	0.08	0.109	0.66	8.07	2.84	4.41	
CCE-P1908	Cycle4	29	19.47	33.11	23.46	235.77	102.41	0.08	0.111	0.80	8.07	2.83	4.40	
CCE-P1908	Cycle4	30	19.37	33.10	23.48	237.02	102.76	0.09	0.112	0.82	8.07	2.83	4.39	
CCE-P1908	Cycle4	31	19.27	33.10	23.50	238.79	103.32	0.09	0.116	0.78	8.07	2.83	4.39	
CCE-P1908	Cycle4	32	19.15	33.09	23.52	241.68	104.32	0.09	0.119	0.75	8.07	2.84	4.40	
CCE-P1908	Cycle4	33	18.87	33.08	23.58	244.91	105.16	0.10	0.122	0.97	8.07	2.82	4.38	
CCE-P1908	Cycle4	34	18.56	33.07	23.66	247.37	105.60	0.10	0.125	0.68	8.07	2.79	4.34	
CCE-P1908	Cycle4	35	18.25	33.07	23.73	249.91	106.08	0.11	0.130	0.93	8.07	2.76	4.29	
CCE-P1908	Cycle4	36	18.07	33.06	23.77	251.18	106.26	0.12	0.135	1.04	8.07	2.75	4.27	
CCE-P1908	Cycle4	37	17.93	33.06	23.80	251.71	106.20	0.12	0.141	0.87	8.07	2.73	4.24	
CCE-P1908	Cycle4	38	17.76	33.07	23.85	252.62	106.25	0.13	0.140	0.96	8.07	2.71	4.21	
CCE-P1908	Cycle4	39	17.61	33.07	23.89	252.97	106.11	0.13	0.142	1.09	8.07	2.69	4.18	
CCE-P1908	Cycle4	40	17.45	33.07	23.93	253.34	105.93	0.13	0.145	0.85	8.07	2.66	4.14	
CCE-P1908	Cycle4	41	17.36	33.07	23.95	254.02	106.04	0.13	0.148	0.92	8.07	2.65	4.13	
CCE-P1908	Cycle4	42	17.26	33.07	23.97	254.93	106.21	0.13	0.145	0.84	8.07	2.64	4.11	
CCE-P1908	Cycle4	43	17.14	33.07	24.00	255.19	106.09	0.13	0.141	1.09	8.06	2.63	4.09	
CCE-P1908	Cycle4	44	16.97	33.07	24.04	256.50	106.26	0.13	0.139	1.01	8.06	2.61	4.06	
CCE-P1908	Cycle4	45	16.78	33.06	24.08	257.45	106.26	0.13	0.138	1.01	8.06	2.59	4.02	
CCE-P1908	Cycle4	46	16.65	33.06	24.11	258.30	106.34	0.14	0.136	1.06	8.06	2.57	4.00	
CCE-P1908	Cycle4	47	16.52	33.06	24.14	259.26	106.46	0.14	0.137	0.91	8.06	2.56	3.98	
CCE-P1908	Cycle4	48	16.35	33.06	24.17	260.49	106.61	0.14	0.130	0.91	8.06	2.54	3.95	
CCE-P1908	Cycle4	49	16.17	33.06	24.21	262.18	106.91	0.13	0.126	0.84	8.06	2.52	3.92	
CCE-P1908	Cycle4	50	15.98	33.06	24.26	263.52	107.07	0.13	0.121	0.80	8.06	2.50	3.89	
CCE-P1908	Cycle4	51	15.77	33.06	24.31	265.44	107.38	0.13	0.117	0.85	8.06	2.47	3.85	
CCE-P1908	Cycle4	52	15.51	33.06	24.36	267.09	107.51	0.14	0.117	0.92	8.06	2.44	3.80	
CCE-P1908	Cycle4	53	15.35	33.06	24.40	268.37	107.69	0.14	0.113	1.13	8.06	2.42	3.78	
CCE-P1908	Cycle4	54	15.05	33.07	24.47	270.62	107.95	0.13	0.107	0.94	8.06	2.39	3.72	
CCE-P1908	Cycle4	55	14.83	33.07	24.52	270.81	107.54	0.13	0.106	0.94	8.05	2.35	3.66	
CCE-P1908	Cycle4	56	14.59	33.07	24.57	270.88	107.06	0.14	0.104	0.96	8.05	2.31	3.60	
CCE-P1908	Cycle4	57	14.39	33.07	24.61	271.38	106.83	0.14	0.103	1.22	8.05	2.28	3.55	
CCE-P1908	Cycle4	58	14.21	33.07	24.65	271.97	106.69	0.14	0.102	1.52	8.05	2.25	3.51	
CCE-P1908	Cycle4	59	14.02	33.08	24.70	271.14	105.97	0.14	0.103	1.52	8.04	2.21	3.46	
CCE-P1908	Cycle4	60	13.77	33.10	24.76	270.96	105.39	0.15	0.099	1.71	8.04	2.17	3.39	
CCE-P1908	Cycle4	61	13.61	33.11	24.80	269.52	104.51	0.14	0.098	2.09	8.03	2.13	3.33	
CCE-P1908	Cycle4	62	13.37	33.11	24.86	268.99	103.82	0.14	0.096	2.63	8.03	2.09	3.27	
CCE-P1908	Cycle4	63	13.20	33.12	24.90	267.77	102.99	0.14	0.094	2.60	8.02	2.06	3.22	
CCE-P1908	Cycle4	64	13.02	33.13	24.94	266.79	102.23	0.14	0.091	3.18	8.02	2.02	3.16	
CCE-P1908	Cycle4	65	12.83	33.15	24.99	264.23	100.87	0.14	0.090	3.62	8.01	1.98	3.09	
CCE-P1908	Cycle4	66	12.63	33.16	25.04	260.95	99.19	0.14	0.088	3.95	8.00	1.93	3.02	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	67	12.39	33.17	25.10	256.01	96.87	0.14	0.087	4.75	7.99	1.86	2.92	
CCE-P1908	Cycle4	68	12.09	33.19	25.17	251.37	94.51	0.13	0.084	5.91	7.97	1.79	2.81	
CCE-P1908	Cycle4	69	11.98	33.20	25.20	249.99	93.78	0.13	0.083	6.40	7.97	1.77	2.78	
CCE-P1908	Cycle4	70	11.87	33.21	25.23	245.72	91.98	0.13	0.082	6.91	7.96	1.73	2.72	
CCE-P1908	Cycle4	71	11.70	33.23	25.27	241.63	90.14	0.14	0.083	7.49	7.95	1.69	2.65	
CCE-P1908	Cycle4	72	11.54	33.24	25.31	239.21	88.95	0.14	0.081	8.40	7.94	1.66	2.60	
CCE-P1908	Cycle4	73	11.46	33.26	25.34	237.21	88.05	0.13	0.085	8.91	7.94	1.64	2.57	
CCE-P1908	Cycle4	74	11.39	33.27	25.36	234.09	86.76	0.13	0.082	9.37	7.93	1.61	2.53	
CCE-P1908	Cycle4	75	11.29	33.28	25.39	230.73	85.35	0.13	0.083	10.28	7.93	1.58	2.49	
CCE-P1908	Cycle4	76	11.19	33.29	25.41	227.13	83.85	0.13	0.081	10.55	7.92	1.55	2.44	
CCE-P1908	Cycle4	77	11.09	33.31	25.44	223.43	82.30	0.13	0.081	10.81	7.91	1.52	2.39	
CCE-P1908	Cycle4	78	10.99	33.32	25.47	219.93	80.84	0.13	0.080	11.63	7.90	1.50	2.35	
CCE-P1908	Cycle4	79	10.91	33.34	25.50	217.84	79.94	0.13	0.080	12.69	7.90	1.48	2.32	
CCE-P1908	Cycle4	80	10.84	33.35	25.52	215.47	78.96	0.13	0.079	13.06	7.89	1.46	2.29	
CCE-P1908	Cycle4	81	10.79	33.36	25.54	212.79	77.89	0.13	0.078	13.31	7.89	1.44	2.27	
CCE-P1908	Cycle4	82	10.73	33.37	25.56	211.25	77.24	0.12	0.078	13.71	7.88	1.43	2.24	
CCE-P1908	Cycle4	83	10.68	33.38	25.57	208.91	76.32	0.12	0.078	14.18	7.88	1.41	2.22	
CCE-P1908	Cycle4	84	10.63	33.39	25.59	206.92	75.51	0.12	0.076	14.48	7.88	1.40	2.20	
CCE-P1908	Cycle4	85	10.57	33.40	25.61	205.17	74.78	0.12	0.074	14.62	7.87	1.38	2.18	
CCE-P1908	Cycle4	86	10.52	33.41	25.62	203.10	73.94	0.11	0.072	14.96	7.87	1.37	2.15	
CCE-P1908	Cycle4	87	10.48	33.42	25.64	200.27	72.85	0.11	0.072	15.63	7.86	1.35	2.13	
CCE-P1908	Cycle4	88	10.42	33.44	25.66	198.01	71.94	0.11	0.071	15.67	7.86	1.34	2.10	
CCE-P1908	Cycle4	89	10.36	33.45	25.68	196.28	71.22	0.11	0.070	16.06	7.85	1.32	2.08	
CCE-P1908	Cycle4	90	10.30	33.46	25.70	194.03	70.31	0.11	0.068	16.51	7.85	1.31	2.06	
CCE-P1908	Cycle4	91	10.25	33.47	25.72	191.65	69.39	0.10	0.067	16.58	7.84	1.29	2.04	
CCE-P1908	Cycle4	92	10.22	33.48	25.73	190.48	68.92	0.10	0.065	16.89	7.84	1.29	2.02	
CCE-P1908	Cycle4	93	10.20	33.49	25.74	189.36	68.48	0.10	0.064	17.27	7.84	1.28	2.01	
CCE-P1908	Cycle4	94	10.16	33.50	25.75	187.80	67.87	0.10	0.063	17.06	7.84	1.27	2.00	
CCE-P1908	Cycle4	95	10.12	33.51	25.77	186.34	67.29	0.10	0.061	17.51	7.83	1.26	1.98	
CCE-P1908	Cycle4	96	10.09	33.52	25.78	184.93	66.73	0.10	0.060	17.62	7.83	1.25	1.97	
CCE-P1908	Cycle4	97	10.06	33.52	25.79	184.28	66.47	0.09	0.060	17.78	7.83	1.25	1.96	
CCE-P1908	Cycle4	98	10.02	33.53	25.80	183.35	66.08	0.09	0.059	18.07	7.83	1.24	1.95	
CCE-P1908	Cycle4	99	9.99	33.54	25.82	181.46	65.35	0.09	0.059	18.59	7.82	1.23	1.93	
CCE-P1908	Cycle4	100	9.95	33.55	25.83	179.88	64.73	0.09	0.057	18.52	7.82	1.22	1.92	
CCE-P1908	Cycle4	101	9.94	33.56	25.84	178.71	64.29	0.09	0.056	19.07	7.82	1.21	1.91	
CCE-P1908	Cycle4	102	9.92	33.57	25.85	177.53	63.85	0.08	0.055	19.23	7.82	1.21	1.90	
CCE-P1908	Cycle4	103	9.92	33.57	25.85	177.51	63.84	0.08	0.056	18.94	7.82	1.21	1.90	
CCE-P1908	Cycle4	104	9.88	33.57	25.86	176.20	63.33	0.08	0.056	18.75	7.81	1.20	1.89	
CCE-P1908	Cycle4	105	9.85	33.58	25.87	174.78	62.77	0.08	0.054	19.00	7.81	1.19	1.87	
CCE-P1908	Cycle4	106	9.82	33.59	25.88	173.04	62.11	0.08	0.055	19.34	7.81	1.18	1.86	
CCE-P1908	Cycle4	107	9.80	33.60	25.89	171.55	61.55	0.08	0.055	19.34	7.81	1.17	1.85	
CCE-P1908	Cycle4	108	9.78	33.61	25.91	170.34	61.10	0.08	0.053	19.89	7.80	1.17	1.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	109	9.76	33.62	25.91	168.81	60.52	0.08	0.053	19.65	7.80	1.16	1.83	
CCE-P1908	Cycle4	110	9.74	33.63	25.92	167.11	59.90	0.08	0.052	20.18	7.80	1.15	1.81	
CCE-P1908	Cycle4	111	9.72	33.64	25.94	165.99	59.47	0.07	0.051	20.00	7.80	1.15	1.81	
CCE-P1908	Cycle4	112	9.70	33.65	25.95	165.23	59.18	0.07	0.051	20.15	7.79	1.14	1.80	
CCE-P1908	Cycle4	113	9.67	33.65	25.96	164.36	58.82	0.07	0.051	20.33	7.79	1.14	1.79	
CCE-P1908	Cycle4	114	9.65	33.66	25.97	163.29	58.41	0.07	0.052	20.40	7.79	1.13	1.78	
CCE-P1908	Cycle4	115	9.63	33.66	25.97	161.83	57.88	0.07	0.050	20.71	7.79	1.12	1.77	
CCE-P1908	Cycle4	116	9.62	33.67	25.98	160.31	57.32	0.07	0.050	20.84	7.78	1.12	1.76	
CCE-P1908	Cycle4	117	9.62	33.68	25.99	158.74	56.76	0.07	0.049	21.09	7.78	1.11	1.75	
CCE-P1908	Cycle4	118	9.59	33.69	26.00	156.60	55.97	0.07	0.049	21.06	7.78	1.10	1.74	
CCE-P1908	Cycle4	119	9.59	33.70	26.01	154.95	55.37	0.07	0.049	21.33	7.78	1.10	1.73	
CCE-P1908	Cycle4	120	9.57	33.71	26.02	154.36	55.15	0.07	0.048	21.41	7.77	1.09	1.72	
CCE-P1908	Cycle4	121	9.55	33.72	26.03	153.86	54.94	0.07	0.048	21.52	7.77	1.09	1.72	
CCE-P1908	Cycle4	122	9.52	33.72	26.04	153.53	54.79	0.07	0.049	21.50	7.77	1.09	1.71	
CCE-P1908	Cycle4	123	9.51	33.73	26.04	155.10	55.34	0.07	0.048	21.47	7.77	1.09	1.72	
CCE-P1908	Cycle4	124	9.47	33.73	26.05	155.84	55.55	0.07	0.048	21.58	7.78	1.09	1.71	
CCE-P1908	Cycle4	125	9.43	33.73	26.06	155.66	55.44	0.06	0.049	21.83	7.77	1.08	1.71	
CCE-P1908	Cycle4	126	9.40	33.74	26.07	155.05	55.18	0.06	0.049	21.76	7.77	1.08	1.70	
CCE-P1908	Cycle4	127	9.38	33.75	26.08	154.33	54.91	0.06	0.047	21.90	7.77	1.07	1.69	
CCE-P1908	Cycle4	128	9.37	33.75	26.08	153.84	54.72	0.06	0.048	21.83	7.77	1.07	1.69	
CCE-P1908	Cycle4	129	9.36	33.76	26.09	153.10	54.45	0.07	0.046	21.71	7.77	1.07	1.68	
CCE-P1908	Cycle4	130	9.35	33.77	26.10	152.39	54.19	0.06	0.046	22.08	7.77	1.06	1.68	
CCE-P1908	Cycle4	131	9.34	33.77	26.10	150.97	53.67	0.06	0.046	22.10	7.77	1.06	1.67	
CCE-P1908	Cycle4	132	9.33	33.78	26.11	149.86	53.27	0.06	0.046	22.31	7.76	1.06	1.66	
CCE-P1908	Cycle4	133	9.32	33.78	26.12	149.65	53.19	0.06	0.046	22.54	7.76	1.05	1.66	
CCE-P1908	Cycle4	134	9.31	33.79	26.12	148.57	52.79	0.06	0.045	22.39	7.76	1.05	1.65	
CCE-P1908	Cycle4	135	9.30	33.79	26.13	148.30	52.69	0.06	0.046	22.32	7.76	1.05	1.65	
CCE-P1908	Cycle4	136	9.28	33.80	26.14	148.79	52.84	0.06	0.045	22.72	7.76	1.05	1.65	
CCE-P1908	Cycle4	137	9.25	33.80	26.14	148.37	52.66	0.06	0.045	22.74	7.76	1.04	1.64	
CCE-P1908	Cycle4	138	9.23	33.81	26.15	147.71	52.41	0.06	0.045	22.94	7.76	1.04	1.64	
CCE-P1908	Cycle4	139	9.22	33.81	26.16	147.10	52.18	0.06	0.045	22.63	7.76	1.04	1.63	
CCE-P1908	Cycle4	140	9.21	33.82	26.16	146.80	52.06	0.06	0.045	22.68	7.76	1.03	1.63	
CCE-P1908	Cycle4	141	9.19	33.82	26.17	146.72	52.01	0.06	0.045	22.78	7.76	1.03	1.63	
CCE-P1908	Cycle4	142	9.17	33.83	26.17	146.97	52.08	0.06	0.045	23.11	7.76	1.03	1.63	
CCE-P1908	Cycle4	143	9.15	33.83	26.18	147.28	52.16	0.06	0.045	23.05	7.76	1.03	1.62	
CCE-P1908	Cycle4	144	9.12	33.83	26.19	147.54	52.22	0.06	0.044	23.23	7.76	1.03	1.62	
CCE-P1908	Cycle4	145	9.10	33.83	26.19	147.55	52.20	0.06	0.047	23.57	7.76	1.02	1.62	
CCE-P1908	Cycle4	146	9.08	33.84	26.20	147.29	52.09	0.06	0.044	23.21	7.76	1.02	1.61	
CCE-P1908	Cycle4	147	9.07	33.84	26.20	147.06	52.00	0.06	0.044	23.21	7.76	1.02	1.61	
CCE-P1908	Cycle4	148	9.06	33.85	26.21	146.99	51.97	0.06	0.045	23.33	7.76	1.02	1.61	
CCE-P1908	Cycle4	149	9.05	33.86	26.22	147.18	52.03	0.06	0.045	23.03	7.76	1.02	1.61	
CCE-P1908	Cycle4	150	9.04	33.86	26.22	146.79	51.88	0.06	0.044	23.60	7.76	1.02	1.61	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	151	9.03	33.87	26.23	146.54	51.78	0.06	0.044	23.63	7.75	1.02	1.60	
CCE-P1908	Cycle4	152	9.02	33.87	26.23	145.97	51.57	0.06	0.044	23.72	7.75	1.01	1.60	
CCE-P1908	Cycle4	153	9.02	33.88	26.24	144.16	50.93	0.06	0.044	23.84	7.75	1.01	1.59	
CCE-P1908	Cycle4	154	9.01	33.88	26.24	141.97	50.15	0.06	0.043	24.26	7.75	1.00	1.58	
CCE-P1908	Cycle4	155	9.01	33.89	26.25	140.18	49.52	0.06	0.044	23.93	7.74	1.00	1.57	
CCE-P1908	Cycle4	156	9.01	33.89	26.25	138.19	48.82	0.06	0.043	24.40	7.74	0.99	1.56	
CCE-P1908	Cycle4	157	9.01	33.90	26.25	136.41	48.19	0.06	0.043	24.04	7.74	0.99	1.55	
CCE-P1908	Cycle4	158	9.01	33.90	26.26	135.23	47.77	0.06	0.044	24.42	7.74	0.98	1.55	
CCE-P1908	Cycle4	159	9.00	33.90	26.26	133.67	47.21	0.06	0.044	25.15	7.73	0.98	1.54	
CCE-P1908	Cycle4	160	8.98	33.91	26.27	132.71	46.86	0.06	0.043	24.82	7.73	0.97	1.53	
CCE-P1908	Cycle4	161	8.97	33.91	26.27	131.29	46.35	0.06	0.043	24.61	7.73	0.97	1.53	
CCE-P1908	Cycle4	162	8.96	33.91	26.28	129.17	45.59	0.06	0.044	25.03	7.73	0.96	1.52	
CCE-P1908	Cycle4	163	8.95	33.92	26.28	128.21	45.24	0.06	0.044	24.99	7.72	0.96	1.51	
CCE-P1908	Cycle4	164	8.94	33.92	26.29	128.08	45.19	0.06	0.044	25.60	7.72	0.96	1.51	
CCE-P1908	Cycle4	165	8.94	33.93	26.29	127.54	45.00	0.06	0.044	25.45	7.72	0.95	1.50	
CCE-P1908	Cycle4	166	8.94	33.93	26.29	126.45	44.61	0.06	0.044	25.53	7.72	0.95	1.50	
CCE-P1908	Cycle4	167	8.93	33.94	26.30	125.07	44.12	0.06	0.044	25.50	7.72	0.95	1.49	
CCE-P1908	Cycle4	168	8.92	33.94	26.30	122.97	43.37	0.06	0.043	25.28	7.72	0.94	1.48	
CCE-P1908	Cycle4	169	8.90	33.94	26.31	121.95	43.00	0.06	0.043	25.41	7.71	0.94	1.48	
CCE-P1908	Cycle4	170	8.89	33.95	26.31	122.01	43.01	0.06	0.043	25.80	7.71	0.93	1.47	
CCE-P1908	Cycle4	171	8.88	33.95	26.32	122.54	43.19	0.06	0.043	25.68	7.71	0.94	1.48	
CCE-P1908	Cycle4	172	8.87	33.95	26.32	122.19	43.05	0.06	0.043	25.70	7.71	0.93	1.47	
CCE-P1908	Cycle4	173	8.85	33.95	26.33	121.73	42.88	0.06	0.044	26.08	7.71	0.93	1.47	
CCE-P1908	Cycle4	174	8.84	33.96	26.33	122.46	43.12	0.06	0.044	26.06	7.71	0.93	1.47	
CCE-P1908	Cycle4	175	8.83	33.96	26.33	121.93	42.93	0.06	0.044	26.17	7.71	0.93	1.47	
CCE-P1908	Cycle4	176	8.81	33.96	26.34	120.04	42.25	0.06	0.043	26.22	7.71	0.92	1.46	
CCE-P1908	Cycle4	177	8.80	33.97	26.34	118.18	41.58	0.06	0.043	25.90	7.71	0.92	1.45	
CCE-P1908	Cycle4	178	8.79	33.97	26.35	117.50	41.33	0.06	0.043	25.81	7.71	0.91	1.44	
CCE-P1908	Cycle4	179	8.77	33.97	26.35	117.20	41.22	0.06	0.043	26.06	7.70	0.91	1.44	
CCE-P1908	Cycle4	180	8.77	33.97	26.35	116.86	41.09	0.06	0.043	26.11	7.70	0.91	1.44	
CCE-P1908	Cycle4	181	8.76	33.97	26.36	116.56	40.97	0.06	0.043	26.27	7.70	0.91	1.43	
CCE-P1908	Cycle4	182	8.75	33.97	26.36	116.69	41.01	0.06	0.044	26.65	7.70	0.91	1.43	
CCE-P1908	Cycle4	183	8.74	33.98	26.36	116.63	40.98	0.06	0.043	26.74	7.70	0.91	1.43	
CCE-P1908	Cycle4	184	8.73	33.98	26.36	116.20	40.82	0.06	0.043	26.58	7.70	0.91	1.43	
CCE-P1908	Cycle4	185	8.72	33.98	26.37	116.49	40.92	0.06	0.043	26.91	7.70	0.91	1.43	
CCE-P1908	Cycle4	186	8.70	33.98	26.37	117.77	41.35	0.06	0.043	27.06	7.70	0.91	1.43	
CCE-P1908	Cycle4	187	8.69	33.98	26.37	118.09	41.46	0.06	0.043	26.92	7.71	0.91	1.43	
CCE-P1908	Cycle4	188	8.68	33.98	26.37	117.84	41.36	0.06	0.043	26.59	7.70	0.91	1.43	
CCE-P1908	Cycle4	189	8.67	33.99	26.38	117.58	41.26	0.06	0.042	26.33	7.70	0.90	1.43	
CCE-P1908	Cycle4	190	8.65	33.99	26.38	116.64	40.91	0.06	0.042	26.89	7.70	0.90	1.42	
CCE-P1908	Cycle4	191	8.63	33.99	26.39	115.88	40.62	0.06	0.044	26.83	7.70	0.90	1.41	
CCE-P1908	Cycle4	192	8.61	33.99	26.39	115.35	40.43	0.06	0.042	27.06	7.70	0.89	1.41	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	193	8.60	33.99	26.39	115.06	40.31	0.06	0.042	27.10	7.70	0.89	1.41	
CCE-P1908	Cycle4	194	8.58	33.99	26.40	114.85	40.22	0.06	0.042	26.85	7.70	0.89	1.40	
CCE-P1908	Cycle4	195	8.54	33.99	26.41	112.68	39.43	0.06	0.042	27.06	7.70	0.88	1.39	
CCE-P1908	Cycle4	196	8.53	33.99	26.41	112.42	39.32	0.06	0.042	27.16	7.69	0.88	1.39	
CCE-P1908	Cycle4	197	8.51	34.00	26.41	111.12	38.85	0.06	0.042	27.16	7.69	0.88	1.38	
CCE-P1908	Cycle4	198	8.49	34.00	26.41	109.94	38.43	0.06	0.042	27.90	7.69	0.87	1.37	
CCE-P1908	Cycle4	199	8.48	34.00	26.42	108.83	38.02	0.06	0.042	27.96	7.69	0.87	1.37	
CCE-P1908	Cycle4	200	8.47	34.00	26.42	108.20	37.80	0.06	0.042	27.75	7.69	0.86	1.36	
CCE-P1908	Cycle4	201	8.45	34.00	26.43	107.22	37.44	0.06	0.042	28.11	7.69	0.86	1.36	
CCE-P1908	Cycle4	202	8.43	34.00	26.43	106.39	37.13	0.06	0.045	28.39	7.68	0.86	1.35	
CCE-P1908	Cycle4	203	8.42	34.00	26.43	106.34	37.11	0.06	0.042	28.66	7.68	0.86	1.35	
CCE-P1908	Cycle4	204	8.40	34.01	26.44	105.85	36.92	0.06	0.042	28.51	7.68	0.85	1.35	
CCE-P1908	Cycle4	205	8.38	34.01	26.44	105.41	36.75	0.06	0.043	28.42	7.68	0.85	1.34	
CCE-P1908	Cycle4	206	8.37	34.01	26.44	104.99	36.60	0.06	0.042	27.96	7.68	0.85	1.34	
CCE-P1908	Cycle4	207	8.35	34.01	26.45	104.89	36.55	0.06	0.044	27.89	7.68	0.85	1.34	
CCE-P1908	Cycle4	208	8.34	34.01	26.45	104.99	36.57	0.06	0.042	28.12	7.68	0.85	1.34	
CCE-P1908	Cycle4	209	8.33	34.01	26.45	104.85	36.51	0.06	0.042	28.42	7.68	0.85	1.33	
CCE-P1908	Cycle4	210	8.32	34.01	26.45	104.57	36.41	0.06	0.042	28.22	7.68	0.84	1.33	
CCE-P1908	Cycle4	211	8.30	34.01	26.45	103.84	36.14	0.06	0.041	28.25	7.68	0.84	1.33	
CCE-P1908	Cycle4	212	8.29	34.01	26.46	102.93	35.82	0.06	0.041	28.46	7.68	0.84	1.32	
CCE-P1908	Cycle4	213	8.28	34.01	26.46	102.06	35.51	0.06	0.041	28.65	7.68	0.84	1.32	
CCE-P1908	Cycle4	214	8.27	34.01	26.46	101.01	35.13	0.06	0.041	29.15	7.67	0.83	1.31	
CCE-P1908	Cycle4	215	8.26	34.02	26.47	99.97	34.76	0.06	0.041	28.67	7.67	0.83	1.31	
CCE-P1908	Cycle4	216	8.25	34.02	26.47	99.17	34.48	0.06	0.041	28.64	7.67	0.83	1.30	
CCE-P1908	Cycle4	217	8.24	34.02	26.47	98.81	34.34	0.06	0.042	28.87	7.67	0.82	1.30	
CCE-P1908	Cycle4	218	8.22	34.02	26.47	98.63	34.27	0.06	0.041	29.05	7.67	0.82	1.30	
CCE-P1908	Cycle4	219	8.21	34.02	26.48	98.30	34.14	0.06	0.041	29.02	7.67	0.82	1.30	
CCE-P1908	Cycle4	220	8.19	34.02	26.48	97.93	34.00	0.06	0.041	28.88	7.67	0.82	1.29	
CCE-P1908	Cycle4	221	8.17	34.02	26.48	97.33	33.78	0.06	0.041	29.26	7.67	0.82	1.29	
CCE-P1908	Cycle4	222	8.16	34.02	26.48	96.08	33.33	0.06	0.041	29.39	7.66	0.81	1.28	
CCE-P1908	Cycle4	223	8.15	34.02	26.49	94.79	32.88	0.06	0.041	29.75	7.66	0.81	1.28	
CCE-P1908	Cycle4	224	8.14	34.02	26.49	94.11	32.64	0.06	0.040	29.50	7.66	0.81	1.27	
CCE-P1908	Cycle4	225	8.12	34.03	26.49	93.62	32.46	0.06	0.041	29.40	7.66	0.80	1.27	
CCE-P1908	Cycle4	226	8.12	34.03	26.50	93.56	32.43	0.06	0.040	29.85	7.66	0.80	1.27	
CCE-P1908	Cycle4	227	8.11	34.03	26.50	93.84	32.52	0.06	0.040	29.75	7.66	0.80	1.27	
CCE-P1908	Cycle4	228	8.09	34.03	26.50	94.14	32.61	0.06	0.040	29.69	7.66	0.80	1.27	
CCE-P1908	Cycle4	229	8.08	34.03	26.50	94.69	32.79	0.06	0.040	29.81	7.66	0.80	1.27	
CCE-P1908	Cycle4	230	8.06	34.03	26.50	94.89	32.85	0.06	0.040	29.84	7.66	0.80	1.27	
CCE-P1908	Cycle4	231	8.03	34.03	26.51	94.56	32.71	0.06	0.040	29.76	7.66	0.80	1.26	
CCE-P1908	Cycle4	232	8.01	34.03	26.51	94.10	32.54	0.06	0.040	29.83	7.66	0.80	1.26	
CCE-P1908	Cycle4	233	7.99	34.03	26.51	93.71	32.39	0.06	0.040	30.14	7.66	0.80	1.26	
CCE-P1908	Cycle4	234	7.98	34.03	26.52	93.43	32.28	0.06	0.039	29.78	7.66	0.79	1.25	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	235	7.97	34.03	26.52	93.30	32.23	0.06	0.039	30.44	7.66	0.79	1.25	
CCE-P1908	Cycle4	236	7.96	34.03	26.52	93.40	32.26	0.06	0.039	30.69	7.66	0.79	1.25	
CCE-P1908	Cycle4	237	7.94	34.03	26.52	93.71	32.35	0.06	0.039	30.18	7.66	0.79	1.25	
CCE-P1908	Cycle4	238	7.92	34.03	26.53	94.31	32.54	0.06	0.039	30.33	7.66	0.79	1.25	
CCE-P1908	Cycle4	239	7.90	34.03	26.53	95.10	32.80	0.06	0.040	30.07	7.66	0.79	1.25	
CCE-P1908	Cycle4	240	7.87	34.03	26.53	95.80	33.03	0.06	0.039	30.24	7.66	0.79	1.25	
CCE-P1908	Cycle4	241	7.85	34.02	26.53	95.95	33.06	0.06	0.039	30.01	7.66	0.79	1.25	
CCE-P1908	Cycle4	242	7.84	34.02	26.53	95.99	33.06	0.06	0.039	30.07	7.66	0.79	1.25	
CCE-P1908	Cycle4	243	7.83	34.02	26.54	96.15	33.11	0.06	0.039	29.98	7.66	0.79	1.25	
CCE-P1908	Cycle4	244	7.82	34.02	26.54	96.10	33.08	0.06	0.038	29.94	7.66	0.79	1.25	
CCE-P1908	Cycle4	245	7.80	34.02	26.54	95.53	32.88	0.06	0.038	30.08	7.66	0.79	1.24	
CCE-P1908	Cycle4	246	7.79	34.02	26.54	94.80	32.62	0.06	0.038	30.97	7.66	0.78	1.24	
CCE-P1908	Cycle4	247	7.78	34.03	26.54	94.33	32.45	0.06	0.039	30.30	7.66	0.78	1.24	
CCE-P1908	Cycle4	248	7.76	34.03	26.55	94.14	32.37	0.06	0.038	30.41	7.66	0.78	1.23	
CCE-P1908	Cycle4	249	7.75	34.03	26.55	94.10	32.35	0.06	0.038	30.38	7.66	0.78	1.23	
CCE-P1908	Cycle4	250	7.73	34.03	26.55	93.63	32.17	0.06	0.038	30.62	7.66	0.78	1.23	
CCE-P1908	Cycle4	251	7.72	34.03	26.55	92.58	31.80	0.06	0.038	30.83	7.65	0.77	1.22	
CCE-P1908	Cycle4	252	7.71	34.03	26.56	91.69	31.49	0.06	0.037	30.44	7.65	0.77	1.22	
CCE-P1908	Cycle4	253	7.69	34.03	26.56	90.97	31.23	0.06	0.037	30.41	7.65	0.77	1.22	
CCE-P1908	Cycle4	254	7.68	34.03	26.56	90.31	30.99	0.06	0.038	30.81	7.65	0.77	1.21	
CCE-P1908	Cycle4	255	7.66	34.03	26.57	89.57	30.73	0.06	0.037	31.10	7.65	0.76	1.21	
CCE-P1908	Cycle4	256	7.65	34.03	26.57	88.99	30.52	0.06	0.037	30.89	7.65	0.76	1.20	
CCE-P1908	Cycle4	257	7.64	34.03	26.57	88.57	30.37	0.06	0.037	30.86	7.65	0.76	1.20	
CCE-P1908	Cycle4	258	7.62	34.03	26.57	88.33	30.27	0.06	0.037	31.10	7.65	0.76	1.20	
CCE-P1908	Cycle4	259	7.60	34.03	26.58	88.06	30.17	0.06	0.037	31.21	7.65	0.76	1.20	
CCE-P1908	Cycle4	260	7.58	34.03	26.58	87.22	29.87	0.06	0.037	31.32	7.64	0.75	1.19	
CCE-P1908	Cycle4	261	7.57	34.03	26.58	85.87	29.40	0.06	0.037	31.06	7.64	0.75	1.19	
CCE-P1908	Cycle4	262	7.56	34.04	26.58	84.64	28.97	0.06	0.036	31.72	7.64	0.75	1.18	
CCE-P1908	Cycle4	263	7.55	34.04	26.59	83.82	28.69	0.06	0.036	31.63	7.64	0.75	1.18	
CCE-P1908	Cycle4	264	7.54	34.04	26.59	83.41	28.54	0.06	0.037	31.39	7.64	0.74	1.18	
CCE-P1908	Cycle4	265	7.53	34.04	26.59	83.27	28.48	0.06	0.036	31.92	7.64	0.74	1.17	
CCE-P1908	Cycle4	266	7.51	34.04	26.59	83.28	28.48	0.06	0.036	31.88	7.64	0.74	1.17	
CCE-P1908	Cycle4	267	7.49	34.04	26.60	83.08	28.39	0.06	0.036	32.06	7.64	0.74	1.17	
CCE-P1908	Cycle4	268	7.48	34.04	26.60	82.39	28.15	0.06	0.036	31.77	7.64	0.74	1.17	
CCE-P1908	Cycle4	269	7.48	34.04	26.60	81.78	27.94	0.06	0.036	31.65	7.64	0.74	1.16	
CCE-P1908	Cycle4	270	7.47	34.04	26.60	81.28	27.76	0.06	0.035	31.85	7.63	0.74	1.16	
CCE-P1908	Cycle4	271	7.46	34.04	26.60	80.59	27.52	0.06	0.036	32.02	7.63	0.73	1.16	
CCE-P1908	Cycle4	272	7.46	34.04	26.61	79.79	27.25	0.06	0.036	32.10	7.63	0.73	1.16	
CCE-P1908	Cycle4	273	7.45	34.04	26.61	79.10	27.01	0.06	0.036	32.15	7.63	0.73	1.15	
CCE-P1908	Cycle4	274	7.43	34.05	26.61	78.57	26.82	0.06	0.036	32.05	7.63	0.73	1.15	
CCE-P1908	Cycle4	275	7.42	34.05	26.61	77.99	26.61	0.06	0.035	31.95	7.63	0.73	1.15	
CCE-P1908	Cycle4	276	7.42	34.05	26.61	77.31	26.38	0.06	0.036	32.42	7.63	0.72	1.15	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	277	7.41	34.05	26.62	76.53	26.11	0.06	0.035	32.32	7.63	0.72	1.14	
CCE-P1908	Cycle4	278	7.40	34.05	26.62	75.76	25.84	0.06	0.035	32.00	7.63	0.72	1.14	
CCE-P1908	Cycle4	279	7.39	34.05	26.62	75.26	25.66	0.06	0.035	32.19	7.62	0.72	1.14	
CCE-P1908	Cycle4	280	7.38	34.05	26.62	74.76	25.49	0.06	0.035	32.67	7.62	0.72	1.13	
CCE-P1908	Cycle4	281	7.37	34.05	26.63	74.03	25.23	0.06	0.035	32.83	7.62	0.72	1.13	
CCE-P1908	Cycle4	282	7.36	34.05	26.63	73.20	24.94	0.06	0.035	32.53	7.62	0.71	1.13	
CCE-P1908	Cycle4	283	7.35	34.06	26.63	72.49	24.70	0.06	0.035	32.81	7.62	0.71	1.12	
CCE-P1908	Cycle4	284	7.34	34.06	26.63	72.05	24.54	0.06	0.035	33.32	7.62	0.71	1.12	
CCE-P1908	Cycle4	285	7.33	34.06	26.63	71.80	24.45	0.06	0.036	33.40	7.62	0.71	1.12	
CCE-P1908	Cycle4	286	7.32	34.06	26.64	71.50	24.34	0.06	0.035	33.09	7.62	0.71	1.12	
CCE-P1908	Cycle4	287	7.31	34.06	26.64	70.78	24.09	0.06	0.035	33.09	7.62	0.71	1.12	
CCE-P1908	Cycle4	288	7.29	34.06	26.64	70.04	23.83	0.06	0.035	33.16	7.62	0.70	1.11	
CCE-P1908	Cycle4	289	7.29	34.06	26.64	69.43	23.62	0.06	0.035	33.22	7.61	0.70	1.11	
CCE-P1908	Cycle4	290	7.28	34.06	26.65	68.88	23.43	0.06	0.035	32.84	7.61	0.70	1.11	
CCE-P1908	Cycle4	291	7.27	34.06	26.65	68.38	23.26	0.06	0.036	33.30	7.61	0.70	1.11	
CCE-P1908	Cycle4	292	7.25	34.06	26.65	67.87	23.07	0.06	0.035	33.76	7.61	0.70	1.10	
CCE-P1908	Cycle4	293	7.25	34.06	26.65	67.39	22.91	0.06	0.035	33.38	7.61	0.70	1.10	
CCE-P1908	Cycle4	294	7.24	34.07	26.65	67.03	22.78	0.06	0.034	32.74	7.61	0.70	1.10	
CCE-P1908	Cycle4	295	7.23	34.07	26.66	66.80	22.70	0.06	0.034	33.43	7.61	0.69	1.10	
CCE-P1908	Cycle4	296	7.22	34.07	26.66	66.65	22.64	0.06	0.035	33.05	7.61	0.69	1.10	
CCE-P1908	Cycle4	297	7.21	34.07	26.66	66.37	22.54	0.06	0.034	33.67	7.61	0.69	1.09	
CCE-P1908	Cycle4	298	7.20	34.07	26.66	65.92	22.38	0.06	0.034	33.88	7.61	0.69	1.09	
CCE-P1908	Cycle4	299	7.19	34.07	26.66	65.46	22.22	0.06	0.034	34.02	7.61	0.69	1.09	
CCE-P1908	Cycle4	300	7.18	34.07	26.66	65.05	22.08	0.06	0.034	33.59	7.61	0.69	1.09	
CCE-P1908	Cycle4	301	7.17	34.07	26.67	64.74	21.97	0.06	0.034	33.95	7.61	0.69	1.09	
CCE-P1908	Cycle4	302	7.16	34.07	26.67	64.34	21.83	0.06	0.034	34.19	7.61	0.69	1.08	
CCE-P1908	Cycle4	303	7.15	34.07	26.67	63.99	21.70	0.06	0.035	33.86	7.60	0.69	1.08	
CCE-P1908	Cycle4	304	7.13	34.07	26.67	63.47	21.52	0.06	0.034	33.92	7.60	0.68	1.08	
CCE-P1908	Cycle4	305	7.12	34.07	26.67	62.76	21.27	0.06	0.034	34.17	7.60	0.68	1.08	
CCE-P1908	Cycle4	306	7.11	34.07	26.68	62.19	21.07	0.06	0.037	34.16	7.60	0.68	1.08	
CCE-P1908	Cycle4	307	7.10	34.07	26.68	61.74	20.92	0.06	0.034	33.99	7.60	0.68	1.07	
CCE-P1908	Cycle4	308	7.09	34.07	26.68	61.23	20.74	0.06	0.034	34.31	7.60	0.68	1.07	
CCE-P1908	Cycle4	309	7.08	34.08	26.68	61.20	20.72	0.06	0.034	34.30	7.60	0.68	1.07	
CCE-P1908	Cycle4	310	7.06	34.07	26.68	61.34	20.76	0.06	0.034	34.55	7.60	0.68	1.07	
CCE-P1908	Cycle4	311	7.06	34.08	26.69	60.54	20.49	0.06	0.034	34.20	7.60	0.68	1.07	
CCE-P1908	Cycle4	312	7.00	34.07	26.69	60.72	20.52	0.06	0.034	34.60	7.60	0.67	1.06	
CCE-P1908	Cycle4	313	7.01	34.08	26.69	60.09	20.32	0.06	0.033	34.34	7.60	0.67	1.06	
CCE-P1908	Cycle4	314	7.00	34.07	26.69	59.81	20.21	0.06	0.033	34.72	7.60	0.67	1.06	
CCE-P1908	Cycle4	315	6.99	34.08	26.70	59.46	20.09	0.06	0.033	34.28	7.60	0.67	1.06	
CCE-P1908	Cycle4	316	6.98	34.08	26.70	59.06	19.95	0.06	0.033	34.71	7.60	0.67	1.06	
CCE-P1908	Cycle4	317	6.97	34.08	26.70	58.66	19.81	0.06	0.033	34.56	7.59	0.67	1.05	
CCE-P1908	Cycle4	318	6.97	34.08	26.70	58.27	19.68	0.06	0.033	34.56	7.59	0.67	1.05	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	319	6.96	34.08	26.70	57.83	19.53	0.06	0.033	34.73	7.59	0.67	1.05	
CCE-P1908	Cycle4	320	6.95	34.08	26.70	57.56	19.43	0.06	0.033	34.87	7.59	0.66	1.05	
CCE-P1908	Cycle4	321	6.94	34.08	26.71	57.47	19.40	0.06	0.033	34.85	7.59	0.66	1.05	
CCE-P1908	Cycle4	322	6.93	34.08	26.71	57.38	19.36	0.06	0.034	34.81	7.59	0.66	1.05	
CCE-P1908	Cycle4	323	6.93	34.08	26.71	57.40	19.37	0.06	0.033	34.96	7.59	0.66	1.05	
CCE-P1908	Cycle4	324	6.91	34.08	26.71	57.19	19.29	0.06	0.033	34.73	7.59	0.66	1.05	
CCE-P1908	Cycle4	325	6.90	34.08	26.71	57.00	19.22	0.06	0.033	35.28	7.59	0.66	1.04	
CCE-P1908	Cycle4	326	6.89	34.08	26.71	57.01	19.22	0.06	0.034	35.16	7.59	0.66	1.04	
CCE-P1908	Cycle4	327	6.86	34.08	26.72	56.93	19.18	0.06	0.033	34.96	7.59	0.66	1.04	
CCE-P1908	Cycle4	328	6.85	34.08	26.72	56.73	19.11	0.06	0.033	34.94	7.59	0.66	1.04	
CCE-P1908	Cycle4	329	6.83	34.08	26.72	56.40	18.99	0.06	0.033	35.06	7.59	0.66	1.04	
CCE-P1908	Cycle4	330	6.82	34.08	26.72	55.90	18.82	0.06	0.034	34.86	7.59	0.66	1.04	
CCE-P1908	Cycle4	331	6.82	34.08	26.72	55.43	18.65	0.06	0.034	34.86	7.59	0.65	1.03	
CCE-P1908	Cycle4	332	6.81	34.08	26.72	55.11	18.54	0.06	0.033	35.08	7.59	0.65	1.03	
CCE-P1908	Cycle4	333	6.80	34.08	26.73	54.83	18.44	0.06	0.033	35.23	7.59	0.65	1.03	
CCE-P1908	Cycle4	334	6.79	34.08	26.73	54.57	18.35	0.06	0.033	35.35	7.59	0.65	1.03	
CCE-P1908	Cycle4	335	6.78	34.08	26.73	54.34	18.27	0.06	0.033	35.14	7.59	0.65	1.03	
CCE-P1908	Cycle4	336	6.76	34.08	26.73	54.12	18.19	0.06	0.032	35.18	7.59	0.65	1.03	
CCE-P1908	Cycle4	337	6.75	34.08	26.73	53.88	18.11	0.06	0.032	35.69	7.59	0.65	1.03	
CCE-P1908	Cycle4	338	6.74	34.08	26.74	53.58	18.00	0.06	0.033	35.46	7.59	0.65	1.02	
CCE-P1908	Cycle4	339	6.73	34.08	26.74	53.31	17.90	0.06	0.033	35.63	7.58	0.65	1.02	
CCE-P1908	Cycle4	340	6.72	34.08	26.74	53.03	17.81	0.06	0.032	36.08	7.58	0.65	1.02	
CCE-P1908	Cycle4	341	6.71	34.08	26.74	52.52	17.63	0.06	0.033	35.89	7.58	0.65	1.02	
CCE-P1908	Cycle4	342	6.70	34.08	26.74	51.95	17.44	0.06	0.033	36.25	7.58	0.64	1.02	
CCE-P1908	Cycle4	343	6.70	34.09	26.74	51.53	17.30	0.06	0.032	35.69	7.58	0.64	1.02	
CCE-P1908	Cycle4	344	6.69	34.09	26.75	51.07	17.14	0.06	0.032	35.62	7.58	0.64	1.01	
CCE-P1908	Cycle4	345	6.69	34.09	26.75	50.67	17.01	0.06	0.032	35.83	7.58	0.64	1.01	
CCE-P1908	Cycle4	346	6.68	34.09	26.75	50.55	16.96	0.06	0.032	35.79	7.58	0.64	1.01	
CCE-P1908	Cycle4	347	6.67	34.09	26.75	50.60	16.97	0.06	0.032	35.84	7.58	0.64	1.01	
CCE-P1908	Cycle4	348	6.64	34.09	26.75	50.48	16.92	0.06	0.032	36.12	7.58	0.64	1.01	
CCE-P1908	Cycle4	349	6.63	34.09	26.75	49.95	16.74	0.06	0.032	36.38	7.58	0.64	1.01	
CCE-P1908	Cycle4	350	6.62	34.09	26.76	49.26	16.51	0.06	0.032	36.55	7.58	0.64	1.01	
CCE-P1908	Cycle4	351	6.63	34.09	26.76	48.72	16.33	0.06	0.033	36.31	7.58	0.64	1.00	
CCE-P1908	Cycle4	352	6.61	34.09	26.76	48.24	16.16	0.06	0.035	36.39	7.58	0.63	1.00	
CCE-P1908	Cycle4	353	6.61	34.09	26.76	47.70	15.98	0.06	0.032	36.81	7.58	0.63	1.00	
CCE-P1908	Cycle4	354	6.61	34.10	26.76	47.23	15.82	0.06	0.032	36.13	7.57	0.63	1.00	
CCE-P1908	Cycle4	355	6.61	34.10	26.77	46.71	15.65	0.06	0.032	36.41	7.57	0.63	1.00	
CCE-P1908	Cycle4	356	6.60	34.10	26.77	46.23	15.48	0.06	0.032	36.60	7.57	0.63	1.00	
CCE-P1908	Cycle4	357	6.60	34.10	26.77	46.15	15.45	0.06	0.033	36.89	7.57	0.63	1.00	
CCE-P1908	Cycle4	358	6.58	34.10	26.77	46.24	15.48	0.06	0.032	36.45	7.57	0.63	1.00	
CCE-P1908	Cycle4	359	6.55	34.10	26.77	46.34	15.50	0.06	0.032	36.18	7.57	0.63	0.99	
CCE-P1908	Cycle4	360	6.54	34.10	26.77	46.41	15.52	0.06	0.033	36.54	7.57	0.63	0.99	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	361	6.52	34.10	26.78	46.42	15.52	0.06	0.032	36.74	7.57	0.63	0.99	
CCE-P1908	Cycle4	362	6.50	34.10	26.78	46.18	15.43	0.06	0.032	36.74	7.57	0.63	0.99	
CCE-P1908	Cycle4	363	6.49	34.10	26.78	45.68	15.26	0.06	0.032	36.96	7.57	0.63	0.99	
CCE-P1908	Cycle4	364	6.49	34.10	26.78	45.31	15.14	0.06	0.032	36.78	7.57	0.63	0.99	
CCE-P1908	Cycle4	365	6.48	34.10	26.78	45.08	15.06	0.06	0.032	36.90	7.57	0.62	0.99	
CCE-P1908	Cycle4	366	6.47	34.10	26.78	44.93	15.00	0.06	0.032	36.86	7.57	0.62	0.99	
CCE-P1908	Cycle4	367	6.46	34.10	26.79	44.65	14.91	0.06	0.032	36.62	7.57	0.62	0.98	
CCE-P1908	Cycle4	368	6.45	34.10	26.79	44.23	14.76	0.06	0.032	36.70	7.57	0.62	0.98	
CCE-P1908	Cycle4	369	6.44	34.10	26.79	43.94	14.66	0.06	0.032	36.81	7.57	0.62	0.98	
CCE-P1908	Cycle4	370	6.43	34.10	26.79	43.78	14.61	0.06	0.032	36.57	7.57	0.62	0.98	
CCE-P1908	Cycle4	371	6.42	34.10	26.79	43.70	14.58	0.06	0.032	36.74	7.57	0.62	0.98	
CCE-P1908	Cycle4	372	6.41	34.10	26.79	43.64	14.55	0.06	0.032	37.02	7.57	0.62	0.98	
CCE-P1908	Cycle4	373	6.40	34.10	26.79	43.46	14.49	0.06	0.032	37.49	7.57	0.62	0.98	
CCE-P1908	Cycle4	374	6.39	34.10	26.80	43.08	14.36	0.06	0.032	37.45	7.57	0.62	0.98	
CCE-P1908	Cycle4	375	6.39	34.10	26.80	42.62	14.20	0.06	0.032	37.33	7.57	0.62	0.98	
CCE-P1908	Cycle4	376	6.39	34.10	26.80	42.22	14.07	0.06	0.032	37.02	7.56	0.62	0.97	
CCE-P1908	Cycle4	377	6.39	34.11	26.80	41.96	13.99	0.06	0.032	36.83	7.56	0.62	0.97	
CCE-P1908	Cycle4	378	6.39	34.11	26.80	41.82	13.94	0.06	0.032	37.09	7.56	0.62	0.97	
CCE-P1908	Cycle4	379	6.38	34.11	26.80	41.73	13.91	0.06	0.032	36.96	7.56	0.62	0.97	
CCE-P1908	Cycle4	380	6.38	34.11	26.80	41.51	13.83	0.06	0.032	37.33	7.56	0.62	0.97	
CCE-P1908	Cycle4	381	6.37	34.11	26.80	41.10	13.69	0.06	0.032	37.47	7.56	0.62	0.97	
CCE-P1908	Cycle4	382	6.37	34.11	26.81	40.72	13.57	0.06	0.032	37.81	7.56	0.61	0.97	
CCE-P1908	Cycle4	383	6.36	34.11	26.81	40.53	13.50	0.06	0.032	37.52	7.56	0.61	0.97	
CCE-P1908	Cycle4	384	6.36	34.11	26.81	40.18	13.38	0.06	0.032	37.48	7.56	0.61	0.97	
CCE-P1908	Cycle4	385	6.36	34.11	26.81	39.87	13.28	0.06	0.032	37.42	7.56	0.61	0.97	
CCE-P1908	Cycle4	386	6.35	34.11	26.81	39.68	13.21	0.06	0.032	37.23	7.56	0.61	0.97	
CCE-P1908	Cycle4	387	6.35	34.11	26.81	39.45	13.14	0.06	0.032	37.63	7.56	0.61	0.97	
CCE-P1908	Cycle4	388	6.34	34.12	26.81	39.06	13.00	0.06	0.032	37.60	7.56	0.61	0.96	
CCE-P1908	Cycle4	389	6.33	34.12	26.82	38.52	12.82	0.06	0.032	37.86	7.56	0.61	0.96	
CCE-P1908	Cycle4	390	6.33	34.12	26.82	38.04	12.66	0.06	0.032	37.54	7.56	0.61	0.96	
CCE-P1908	Cycle4	391	6.33	34.12	26.82	37.57	12.51	0.06	0.032	38.13	7.56	0.61	0.96	
CCE-P1908	Cycle4	392	6.33	34.12	26.82	37.28	12.41	0.06	0.031	37.57	7.56	0.61	0.96	
CCE-P1908	Cycle4	393	6.32	34.12	26.82	37.24	12.39	0.06	0.032	37.43	7.56	0.61	0.96	
CCE-P1908	Cycle4	394	6.31	34.12	26.83	37.43	12.45	0.06	0.031	37.90	7.56	0.61	0.96	
CCE-P1908	Cycle4	395	6.29	34.12	26.83	37.50	12.47	0.06	0.033	37.49	7.56	0.61	0.96	
CCE-P1908	Cycle4	396	6.27	34.12	26.83	37.18	12.36	0.06	0.031	37.25	7.56	0.61	0.96	
CCE-P1908	Cycle4	397	6.27	34.12	26.83	36.81	12.24	0.06	0.031	37.70	7.56	0.61	0.96	
CCE-P1908	Cycle4	398	6.26	34.12	26.83	36.58	12.16	0.06	0.032	37.62	7.56	0.61	0.96	
CCE-P1908	Cycle4	399	6.26	34.12	26.83	36.41	12.10	0.06	0.031	37.57	7.56	0.60	0.95	
CCE-P1908	Cycle4	400	6.24	34.12	26.83	36.27	12.05	0.06	0.031	37.70	7.55	0.60	0.95	
CCE-P1908	Cycle4	401	6.23	34.12	26.84	35.85	11.91	0.06	0.031	38.23	7.55	0.60	0.95	
CCE-P1908	Cycle4	402	6.23	34.13	26.84	35.48	11.78	0.06	0.031	38.16	7.55	0.60	0.95	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	403	6.23	34.13	26.84	35.18	11.68	0.06	0.031	38.68	7.55	0.60	0.95	
CCE-P1908	Cycle4	404	6.23	34.13	26.84	34.81	11.56	0.06	0.031	38.09	7.55	0.60	0.95	
CCE-P1908	Cycle4	405	6.23	34.13	26.84	34.53	11.47	0.06	0.031	38.24	7.55	0.60	0.95	
CCE-P1908	Cycle4	406	6.23	34.13	26.84	34.27	11.38	0.06	0.031	38.06	7.55	0.60	0.95	
CCE-P1908	Cycle4	407	6.22	34.13	26.84	34.06	11.31	0.06	0.031	38.25	7.55	0.60	0.95	
CCE-P1908	Cycle4	408	6.21	34.13	26.85	33.84	11.23	0.06	0.031	38.52	7.55	0.60	0.95	
CCE-P1908	Cycle4	409	6.20	34.14	26.85	33.56	11.14	0.06	0.031	38.35	7.55	0.60	0.95	
CCE-P1908	Cycle4	410	6.21	34.14	26.85	33.20	11.02	0.06	0.031	37.72	7.55	0.60	0.95	
CCE-P1908	Cycle4	411	6.20	34.14	26.85	32.89	10.92	0.06	0.031	37.91	7.55	0.60	0.94	
CCE-P1908	Cycle4	412	6.19	34.14	26.85	32.36	10.74	0.06	0.031	37.84	7.55	0.60	0.94	
CCE-P1908	Cycle4	413	6.20	34.14	26.85	31.73	10.53	0.06	0.031	37.74	7.55	0.60	0.94	
CCE-P1908	Cycle4	414	6.20	34.15	26.86	31.20	10.36	0.06	0.031	38.09	7.55	0.60	0.94	
CCE-P1908	Cycle4	415	6.21	34.15	26.86	30.82	10.23	0.06	0.031	37.99	7.55	0.60	0.94	
CCE-P1908	Cycle4	416	6.21	34.15	26.86	30.48	10.12	0.06	0.032	38.17	7.55	0.60	0.94	
CCE-P1908	Cycle4	417	6.21	34.15	26.86	30.13	10.00	0.06	0.031	37.94	7.55	0.60	0.94	
CCE-P1908	Cycle4	418	6.20	34.15	26.86	29.85	9.91	0.06	0.031	37.72	7.54	0.60	0.94	
CCE-P1908	Cycle4	419	6.20	34.16	26.86	29.70	9.86	0.06	0.031	38.11	7.54	0.59	0.94	
CCE-P1908	Cycle4	420	6.19	34.15	26.87	29.79	9.89	0.06	0.031	38.66	7.54	0.59	0.94	
CCE-P1908	Cycle4	421	6.17	34.15	26.87	29.79	9.88	0.06	0.030	38.54	7.54	0.59	0.94	
CCE-P1908	Cycle4	422	6.16	34.15	26.87	29.63	9.82	0.06	0.030	38.67	7.54	0.59	0.94	
CCE-P1908	Cycle4	423	6.15	34.16	26.87	29.53	9.79	0.06	0.030	38.36	7.54	0.59	0.94	
CCE-P1908	Cycle4	424	6.14	34.16	26.87	29.40	9.74	0.06	0.030	39.14	7.54	0.59	0.93	
CCE-P1908	Cycle4	425	6.13	34.16	26.87	29.30	9.71	0.06	0.030	38.73	7.54	0.59	0.93	
CCE-P1908	Cycle4	426	6.12	34.16	26.88	29.16	9.66	0.06	0.030	38.53	7.54	0.59	0.93	
CCE-P1908	Cycle4	427	6.11	34.16	26.88	28.86	9.56	0.06	0.030	38.52	7.54	0.59	0.93	
CCE-P1908	Cycle4	428	6.11	34.16	26.88	28.63	9.48	0.06	0.030	38.62	7.54	0.59	0.93	
CCE-P1908	Cycle4	429	6.10	34.16	26.88	28.29	9.37	0.06	0.030	38.54	7.54	0.59	0.93	
CCE-P1908	Cycle4	430	6.11	34.16	26.88	27.87	9.23	0.06	0.030	38.66	7.54	0.59	0.93	
CCE-P1908	Cycle4	431	6.11	34.16	26.88	27.38	9.07	0.06	0.030	38.25	7.54	0.59	0.93	
CCE-P1908	Cycle4	432	6.11	34.17	26.88	26.97	8.93	0.06	0.030	38.46	7.54	0.59	0.93	
CCE-P1908	Cycle4	433	6.11	34.17	26.89	26.62	8.82	0.06	0.030	38.78	7.54	0.59	0.93	
CCE-P1908	Cycle4	434	6.11	34.17	26.89	26.43	8.76	0.06	0.030	38.91	7.54	0.59	0.93	
CCE-P1908	Cycle4	435	6.10	34.17	26.89	26.35	8.73	0.06	0.030	38.87	7.54	0.59	0.93	
CCE-P1908	Cycle4	436	6.09	34.17	26.89	26.14	8.66	0.06	0.030	38.61	7.54	0.59	0.93	
CCE-P1908	Cycle4	437	6.09	34.17	26.89	25.86	8.56	0.06	0.031	38.75	7.54	0.59	0.93	
CCE-P1908	Cycle4	438	6.09	34.17	26.89	25.61	8.48	0.06	0.030	38.44	7.54	0.59	0.92	
CCE-P1908	Cycle4	439	6.08	34.18	26.89	25.41	8.41	0.06	0.030	38.04	7.54	0.59	0.92	
CCE-P1908	Cycle4	440	6.08	34.18	26.90	25.23	8.35	0.06	0.030	38.57	7.54	0.59	0.92	
CCE-P1908	Cycle4	441	6.08	34.18	26.90	25.05	8.29	0.06	0.030	38.92	7.54	0.59	0.92	
CCE-P1908	Cycle4	442	6.07	34.18	26.90	24.91	8.24	0.06	0.030	38.28	7.54	0.59	0.92	
CCE-P1908	Cycle4	443	6.07	34.18	26.90	24.69	8.17	0.06	0.030	38.18	7.54	0.58	0.92	
CCE-P1908	Cycle4	444	6.07	34.18	26.90	24.34	8.06	0.06	0.030	39.49	7.54	0.58	0.92	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	445	6.07	34.18	26.90	24.03	7.95	0.06	0.030	39.16	7.54	0.58	0.92	
CCE-P1908	Cycle4	446	6.08	34.19	26.90	23.73	7.86	0.06	0.030	39.27	7.53	0.58	0.92	
CCE-P1908	Cycle4	447	6.08	34.19	26.90	23.46	7.77	0.06	0.030	38.76	7.53	0.58	0.92	
CCE-P1908	Cycle4	448	6.08	34.19	26.91	23.20	7.68	0.06	0.030	38.86	7.53	0.58	0.92	
CCE-P1908	Cycle4	449	6.08	34.19	26.91	23.01	7.62	0.06	0.030	38.80	7.53	0.58	0.92	
CCE-P1908	Cycle4	450	6.07	34.19	26.91	22.84	7.56	0.06	0.030	38.83	7.53	0.58	0.92	
CCE-P1908	Cycle4	451	6.06	34.19	26.91	22.68	7.51	0.06	0.030	38.70	7.53	0.58	0.92	
CCE-P1908	Cycle4	452	6.06	34.19	26.91	22.49	7.44	0.06	0.030	39.22	7.53	0.58	0.92	
CCE-P1908	Cycle4	453	6.06	34.19	26.91	22.41	7.42	0.06	0.030	39.10	7.53	0.58	0.92	
CCE-P1908	Cycle4	454	6.05	34.19	26.91	22.33	7.39	0.06	0.030	38.75	7.53	0.58	0.92	
CCE-P1908	Cycle4	455	6.04	34.19	26.92	22.28	7.37	0.06	0.030	39.05	7.53	0.58	0.92	
CCE-P1908	Cycle4	456	6.03	34.19	26.92	22.30	7.37	0.06	0.030	39.28	7.53	0.58	0.92	
CCE-P1908	Cycle4	457	6.03	34.19	26.92	22.19	7.34	0.06	0.030	38.82	7.53	0.58	0.92	
CCE-P1908	Cycle4	458	6.02	34.19	26.92	22.12	7.31	0.06	0.030	39.18	7.53	0.58	0.92	
CCE-P1908	Cycle4	459	6.01	34.19	26.92	21.98	7.27	0.06	0.030	39.20	7.53	0.58	0.91	
CCE-P1908	Cycle4	460	6.00	34.20	26.92	21.88	7.23	0.06	0.030	39.73	7.53	0.58	0.91	
CCE-P1908	Cycle4	461	6.00	34.20	26.92	21.73	7.18	0.06	0.030	39.46	7.53	0.58	0.91	
CCE-P1908	Cycle4	462	6.00	34.20	26.92	21.43	7.08	0.06	0.030	39.27	7.53	0.58	0.91	
CCE-P1908	Cycle4	463	6.00	34.20	26.92	21.12	6.98	0.06	0.029	39.45	7.53	0.58	0.91	
CCE-P1908	Cycle4	464	6.00	34.20	26.93	20.97	6.93	0.06	0.029	39.34	7.53	0.58	0.91	
CCE-P1908	Cycle4	465	5.98	34.20	26.93	20.84	6.89	0.06	0.030	39.17	7.53	0.58	0.91	
CCE-P1908	Cycle4	466	5.98	34.20	26.93	20.68	6.83	0.06	0.029	39.30	7.53	0.58	0.91	
CCE-P1908	Cycle4	467	5.97	34.20	26.93	20.48	6.76	0.06	0.029	39.00	7.53	0.58	0.91	
CCE-P1908	Cycle4	468	5.97	34.20	26.93	20.32	6.71	0.06	0.030	39.59	7.53	0.58	0.91	
CCE-P1908	Cycle4	469	5.97	34.21	26.93	20.12	6.64	0.06	0.030	40.06	7.53	0.58	0.91	
CCE-P1908	Cycle4	470	5.96	34.21	26.93	20.02	6.61	0.06	0.030	39.57	7.53	0.58	0.91	
CCE-P1908	Cycle4	471	5.96	34.21	26.94	19.82	6.55	0.06	0.030	39.79	7.53	0.58	0.91	
CCE-P1908	Cycle4	472	5.96	34.21	26.94	19.76	6.52	0.06	0.029	39.37	7.53	0.58	0.91	
CCE-P1908	Cycle4	473	5.95	34.21	26.94	19.58	6.46	0.06	0.030	38.98	7.53	0.58	0.91	
CCE-P1908	Cycle4	474	5.95	34.21	26.94	19.41	6.41	0.06	0.029	39.25	7.53	0.58	0.91	
CCE-P1908	Cycle4	475	5.94	34.21	26.94	19.24	6.35	0.06	0.030	39.38	7.53	0.58	0.91	
CCE-P1908	Cycle4	476	5.94	34.21	26.94	19.15	6.32	0.06	0.030	39.48	7.53	0.58	0.91	
CCE-P1908	Cycle4	477	5.93	34.21	26.94	19.04	6.28	0.06	0.030	39.60	7.53	0.57	0.91	
CCE-P1908	Cycle4	478	5.92	34.21	26.95	18.86	6.22	0.06	0.030	39.61	7.53	0.57	0.91	
CCE-P1908	Cycle4	479	5.92	34.21	26.95	18.76	6.19	0.06	0.030	39.38	7.53	0.57	0.90	
CCE-P1908	Cycle4	480	5.91	34.21	26.95	18.67	6.16	0.06	0.030	39.66	7.53	0.57	0.90	
CCE-P1908	Cycle4	481	5.91	34.21	26.95	18.56	6.12	0.06	0.030	39.35	7.53	0.57	0.90	
CCE-P1908	Cycle4	482	5.90	34.21	26.95	18.45	6.08	0.06	0.029	39.34	7.53	0.57	0.90	
CCE-P1908	Cycle4	483	5.90	34.22	26.95	18.28	6.03	0.06	0.030	39.66	7.53	0.57	0.90	
CCE-P1908	Cycle4	484	5.89	34.22	26.95	18.14	5.98	0.06	0.029	39.31	7.52	0.57	0.90	
CCE-P1908	Cycle4	485	5.88	34.22	26.95	17.99	5.93	0.06	0.030	39.40	7.52	0.57	0.90	
CCE-P1908	Cycle4	486	5.88	34.22	26.96	17.93	5.91	0.06	0.030	39.23	7.52	0.57	0.90	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	487	5.87	34.22	26.96	17.89	5.89	0.06	0.030	39.38	7.52	0.57	0.90	
CCE-P1908	Cycle4	488	5.86	34.22	26.96	17.80	5.87	0.06	0.029	39.72	7.52	0.57	0.90	
CCE-P1908	Cycle4	489	5.86	34.22	26.96	17.77	5.86	0.06	0.029	39.92	7.52	0.57	0.90	
CCE-P1908	Cycle4	490	5.85	34.22	26.96	17.79	5.86	0.06	0.030	39.64	7.52	0.57	0.90	
CCE-P1908	Cycle4	491	5.84	34.22	26.96	17.64	5.81	0.06	0.030	39.93	7.52	0.57	0.90	
CCE-P1908	Cycle4	492	5.84	34.22	26.96	17.45	5.75	0.06	0.029	40.29	7.52	0.57	0.90	
CCE-P1908	Cycle4	493	5.83	34.22	26.96	17.34	5.71	0.06	0.029	40.25	7.52	0.57	0.90	
CCE-P1908	Cycle4	494	5.83	34.22	26.96	17.24	5.68	0.06	0.029	39.72	7.52	0.57	0.90	
CCE-P1908	Cycle4	495	5.82	34.22	26.97	17.06	5.61	0.06	0.029	39.20	7.52	0.57	0.90	
CCE-P1908	Cycle4	496	5.81	34.22	26.97	17.07	5.62	0.06	0.029	39.74	7.52	0.57	0.90	
CCE-P1908	Cycle4	497	5.80	34.22	26.97	16.93	5.57	0.06	0.030	39.80	7.52	0.57	0.90	
CCE-P1908	Cycle4	498	5.80	34.22	26.97	16.83	5.54	0.06	0.030	40.11	7.52	0.57	0.90	
CCE-P1908	Cycle4	499	5.80	34.22	26.97	16.80	5.53	0.06	0.029	39.80	7.52	0.57	0.90	
CCE-P1908	Cycle4	500	5.79	34.22	26.97	16.66	5.48	0.06	0.029	39.88	7.52	0.57	0.90	
CCE-P1908	Cycle4	501	5.79	34.23	26.97	16.50	5.43	0.06	0.029	39.59	7.52	0.57	0.90	
CCE-P1908	Cycle4	502	5.78	34.23	26.97	16.41	5.40	0.06	0.030	39.58	7.52	0.57	0.90	
CCE-P1908	Cycle4	503	5.77	34.23	26.97	16.32	5.37	0.06	0.029	39.74	7.52	0.57	0.89	
CCE-P1908	Cycle4	504	5.77	34.23	26.98	16.28	5.35	0.06	0.029	39.62	7.52	0.57	0.89	
CCE-P1908	Cycle4	505	5.76	34.23	26.98	16.25	5.34	0.06	0.029	40.51	7.52	0.57	0.89	
CCE-P1908	Cycle4	506	5.75	34.23	26.98	16.21	5.33	0.06	0.029	40.38	7.52	0.57	0.89	
CCE-P1908	Cycle4	507	5.75	34.23	26.98	16.15	5.31	0.06	0.029	40.25	7.52	0.57	0.89	
CCE-P1908	Cycle4	508	5.74	34.23	26.98	15.99	5.25	0.06	0.029	40.05	7.52	0.57	0.89	
CCE-P1908	Cycle4	509	5.73	34.23	26.98	15.94	5.24	0.06	0.029	40.35	7.52	0.57	0.89	
CCE-P1908	Cycle4	510	5.73	34.23	26.98	15.85	5.21	0.06	0.030	40.27	7.52	0.57	0.89	
CCE-P1908	Cycle4	511	5.72	34.23	26.98	15.77	5.18	0.06	0.029	40.08	7.52	0.57	0.89	
CCE-P1908	Cycle4	512	5.71	34.23	26.99	15.75	5.17	0.06	0.029	40.01	7.52	0.57	0.89	
CCE-P1908	Cycle4	513	5.70	34.23	26.99	15.71	5.16	0.06	0.029	39.59	7.52	0.57	0.89	
CCE-P1908	Cycle4	514	5.70	34.23	26.99	15.58	5.11	0.06	0.030	40.29	7.52	0.57	0.89	
CCE-P1908	Cycle4	515	5.69	34.23	26.99	15.57	5.11	0.06	0.030	40.66	7.52	0.57	0.89	
CCE-P1908	Cycle4	516	5.69	34.23	26.99	15.55	5.10	0.06	0.029	40.50	7.52	0.57	0.89	
CCE-P1908	Cycle4	517	5.68	34.23	26.99	15.41	5.06	0.06	0.029	40.38	7.52	0.56	0.89	
CCE-P1908	Cycle4	518	5.67	34.23	26.99	15.35	5.04	0.06	0.029	40.46	7.52	0.56	0.89	
CCE-P1908	Cycle4	519	5.67	34.23	26.99	15.24	5.00	0.06	0.029	40.42	7.52	0.56	0.89	
CCE-P1908	Cycle4	520	5.67	34.23	26.99	15.14	4.97	0.06	0.029	40.28	7.52	0.56	0.89	
CCE-P1908	Cycle4	521	5.66	34.23	27.00	14.97	4.91	0.06	0.029	40.25	7.52	0.56	0.89	
CCE-P1908	Cycle4	522	5.66	34.24	27.00	14.91	4.89	0.06	0.029	40.86	7.52	0.56	0.89	
CCE-P1908	Cycle4	523	5.65	34.24	27.00	14.89	4.88	0.06	0.029	40.53	7.52	0.56	0.89	
CCE-P1908	Cycle4	524	5.64	34.24	27.00	14.78	4.85	0.06	0.029	39.94	7.52	0.56	0.89	
CCE-P1908	Cycle4	525	5.64	34.24	27.00	14.70	4.82	0.06	0.031	40.19	7.52	0.56	0.89	
CCE-P1908	Cycle4	526	5.63	34.24	27.00	14.70	4.82	0.06	0.029	40.35	7.52	0.56	0.89	
CCE-P1908	Cycle4	527	5.61	34.24	27.00	14.58	4.78	0.06	0.029	40.68	7.52	0.56	0.89	
CCE-P1908	Cycle4	528	5.61	34.24	27.00	14.56	4.77	0.06	0.030	40.98	7.52	0.56	0.89	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	529	5.60	34.24	27.01	14.54	4.76	0.06	0.029	40.62	7.52	0.56	0.89	
CCE-P1908	Cycle4	530	5.60	34.24	27.01	14.50	4.75	0.06	0.029	40.29	7.52	0.56	0.89	
CCE-P1908	Cycle4	531	5.59	34.24	27.01	14.37	4.70	0.06	0.029	40.30	7.52	0.56	0.88	
CCE-P1908	Cycle4	532	5.59	34.24	27.01	14.20	4.65	0.06	0.029	40.06	7.52	0.56	0.88	
CCE-P1908	Cycle4	533	5.59	34.24	27.01	14.20	4.65	0.06	0.029	40.01	7.52	0.56	0.88	
CCE-P1908	Cycle4	534	5.58	34.24	27.01	14.17	4.64	0.06	0.029	40.69	7.52	0.56	0.88	
CCE-P1908	Cycle4	535	5.57	34.24	27.01	14.12	4.62	0.06	0.030	40.61	7.52	0.56	0.88	
CCE-P1908	Cycle4	536	5.56	34.24	27.01	14.04	4.59	0.06	0.029	40.70	7.52	0.56	0.88	
CCE-P1908	Cycle4	537	5.56	34.24	27.01	13.93	4.56	0.06	0.029	40.84	7.52	0.56	0.88	
CCE-P1908	Cycle4	538	5.56	34.24	27.02	13.78	4.51	0.06	0.029	40.85	7.52	0.56	0.88	
CCE-P1908	Cycle4	539	5.55	34.25	27.02	13.73	4.49	0.06	0.029	41.17	7.52	0.56	0.88	
CCE-P1908	Cycle4	540	5.55	34.25	27.02	13.67	4.47	0.06	0.029	41.21	7.52	0.56	0.88	
CCE-P1908	Cycle4	541	5.54	34.25	27.02	13.51	4.42	0.06	0.029	40.50	7.52	0.56	0.88	
CCE-P1908	Cycle4	542	5.54	34.25	27.02	13.42	4.39	0.06	0.029	40.51	7.52	0.56	0.88	
CCE-P1908	Cycle4	543	5.53	34.25	27.02	13.32	4.36	0.06	0.029	40.40	7.51	0.56	0.88	
CCE-P1908	Cycle4	544	5.53	34.25	27.02	13.34	4.36	0.06	0.029	40.61	7.51	0.56	0.88	
CCE-P1908	Cycle4	545	5.53	34.25	27.02	13.35	4.36	0.06	0.029	40.99	7.51	0.56	0.88	
CCE-P1908	Cycle4	546	5.52	34.25	27.03	13.23	4.32	0.06	0.029	41.30	7.51	0.56	0.88	
CCE-P1908	Cycle4	547	5.51	34.25	27.03	13.12	4.29	0.06	0.029	40.83	7.51	0.56	0.88	
CCE-P1908	Cycle4	548	5.50	34.25	27.03	13.02	4.25	0.06	0.029	41.35	7.51	0.56	0.88	
CCE-P1908	Cycle4	549	5.49	34.25	27.03	12.91	4.22	0.06	0.029	40.75	7.51	0.56	0.88	
CCE-P1908	Cycle4	550	5.49	34.25	27.03	12.87	4.20	0.06	0.029	40.85	7.51	0.56	0.88	
CCE-P1908	Cycle4	551	5.49	34.25	27.03	12.79	4.18	0.06	0.029	41.05	7.51	0.56	0.88	
CCE-P1908	Cycle4	552	5.48	34.26	27.03	12.67	4.14	0.06	0.029	41.13	7.51	0.56	0.88	
CCE-P1908	Cycle4	553	5.48	34.26	27.04	12.62	4.12	0.06	0.029	41.44	7.51	0.56	0.88	
CCE-P1908	Cycle4	554	5.48	34.26	27.04	12.54	4.10	0.06	0.029	40.94	7.51	0.56	0.88	
CCE-P1908	Cycle4	555	5.47	34.26	27.04	12.43	4.06	0.06	0.029	40.61	7.51	0.56	0.88	
CCE-P1908	Cycle4	556	5.47	34.26	27.04	12.36	4.03	0.06	0.029	40.40	7.51	0.56	0.88	
CCE-P1908	Cycle4	557	5.47	34.26	27.04	12.27	4.01	0.06	0.029	40.62	7.51	0.56	0.88	
CCE-P1908	Cycle4	558	5.46	34.26	27.04	12.29	4.01	0.06	0.029	40.79	7.51	0.56	0.88	
CCE-P1908	Cycle4	559	5.46	34.26	27.04	12.22	3.99	0.06	0.029	41.10	7.51	0.56	0.88	
CCE-P1908	Cycle4	560	5.45	34.26	27.04	12.18	3.97	0.06	0.029	40.62	7.51	0.56	0.88	
CCE-P1908	Cycle4	561	5.45	34.26	27.04	12.13	3.96	0.06	0.029	41.61	7.51	0.56	0.88	
CCE-P1908	Cycle4	562	5.44	34.26	27.04	12.09	3.95	0.06	0.029	41.39	7.51	0.56	0.88	
CCE-P1908	Cycle4	563	5.44	34.26	27.04	12.12	3.95	0.06	0.029	41.19	7.51	0.56	0.88	
CCE-P1908	Cycle4	564	5.43	34.26	27.05	12.00	3.92	0.06	0.029	40.84	7.51	0.56	0.88	
CCE-P1908	Cycle4	565	5.43	34.26	27.05	11.96	3.90	0.06	0.029	40.72	7.51	0.56	0.88	
CCE-P1908	Cycle4	566	5.42	34.26	27.05	11.89	3.88	0.06	0.028	40.56	7.51	0.56	0.88	
CCE-P1908	Cycle4	567	5.42	34.27	27.05	11.82	3.86	0.06	0.029	41.52	7.51	0.56	0.87	
CCE-P1908	Cycle4	568	5.41	34.27	27.05	11.80	3.85	0.06	0.029	41.28	7.51	0.56	0.87	
CCE-P1908	Cycle4	569	5.41	34.27	27.05	11.74	3.83	0.06	0.029	41.14	7.51	0.56	0.87	
CCE-P1908	Cycle4	570	5.40	34.27	27.05	11.71	3.82	0.06	0.029	40.87	7.51	0.56	0.87	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	571	5.39	34.27	27.05	11.67	3.80	0.06	0.029	41.04	7.51	0.55	0.87	
CCE-P1908	Cycle4	572	5.39	34.27	27.05	11.62	3.79	0.06	0.028	41.41	7.51	0.55	0.87	
CCE-P1908	Cycle4	573	5.38	34.27	27.06	11.58	3.77	0.06	0.028	41.22	7.51	0.55	0.87	
CCE-P1908	Cycle4	574	5.38	34.27	27.06	11.54	3.76	0.06	0.029	40.92	7.51	0.55	0.87	
CCE-P1908	Cycle4	575	5.37	34.27	27.06	11.45	3.73	0.06	0.028	41.45	7.51	0.55	0.87	
CCE-P1908	Cycle4	576	5.37	34.27	27.06	11.38	3.71	0.06	0.028	41.42	7.51	0.55	0.87	
CCE-P1908	Cycle4	577	5.36	34.27	27.06	11.35	3.70	0.06	0.028	41.74	7.51	0.55	0.87	
CCE-P1908	Cycle4	578	5.35	34.27	27.06	11.36	3.70	0.06	0.029	41.51	7.51	0.55	0.87	
CCE-P1908	Cycle4	579	5.34	34.27	27.06	11.31	3.68	0.06	0.028	41.18	7.51	0.55	0.87	
CCE-P1908	Cycle4	580	5.34	34.27	27.06	11.30	3.68	0.06	0.028	41.53	7.51	0.55	0.87	
CCE-P1908	Cycle4	581	5.33	34.27	27.06	11.28	3.67	0.06	0.028	41.63	7.51	0.55	0.87	
CCE-P1908	Cycle4	582	5.33	34.27	27.07	11.20	3.65	0.06	0.029	40.85	7.51	0.55	0.87	
CCE-P1908	Cycle4	583	5.33	34.27	27.07	11.10	3.61	0.06	0.030	41.33	7.51	0.55	0.87	
CCE-P1908	Cycle4	584	5.32	34.27	27.07	10.99	3.58	0.06	0.029	41.21	7.51	0.55	0.87	
CCE-P1908	Cycle4	585	5.32	34.28	27.07	10.97	3.57	0.06	0.028	41.15	7.51	0.55	0.87	
CCE-P1908	Cycle4	586	5.32	34.28	27.07	11.00	3.58	0.06	0.028	41.62	7.51	0.55	0.87	
CCE-P1908	Cycle4	587	5.31	34.28	27.07	10.87	3.54	0.06	0.028	41.67	7.51	0.55	0.87	
CCE-P1908	Cycle4	588	5.31	34.28	27.07	10.76	3.50	0.06	0.028	41.59	7.51	0.55	0.87	
CCE-P1908	Cycle4	589	5.31	34.28	27.07	10.74	3.49	0.06	0.028	41.59	7.51	0.55	0.87	
CCE-P1908	Cycle4	590	5.30	34.28	27.07	10.75	3.50	0.06	0.028	41.67	7.51	0.55	0.87	
CCE-P1908	Cycle4	591	5.29	34.28	27.08	10.76	3.50	0.06	0.028	41.67	7.51	0.55	0.87	
CCE-P1908	Cycle4	592	5.28	34.28	27.08	10.69	3.47	0.06	0.028	41.51	7.51	0.55	0.87	
CCE-P1908	Cycle4	593	5.28	34.28	27.08	10.72	3.48	0.06	0.028	41.54	7.51	0.55	0.87	
CCE-P1908	Cycle4	594	5.27	34.28	27.08	10.70	3.48	0.06	0.028	41.84	7.51	0.55	0.87	
CCE-P1908	Cycle4	595	5.26	34.28	27.08	10.68	3.47	0.06	0.028	41.98	7.51	0.55	0.87	
CCE-P1908	Cycle4	596	5.25	34.28	27.08	10.61	3.45	0.06	0.028	41.65	7.51	0.55	0.87	
CCE-P1908	Cycle4	597	5.24	34.28	27.08	10.60	3.44	0.06	0.028	41.55	7.51	0.55	0.87	
CCE-P1908	Cycle4	598	5.24	34.28	27.08	10.58	3.44	0.06	0.028	41.98	7.51	0.55	0.87	
CCE-P1908	Cycle4	599	5.24	34.28	27.08	10.53	3.42	0.06	0.028	41.90	7.51	0.55	0.87	
CCE-P1908	Cycle4	600	5.24	34.28	27.08	10.48	3.40	0.06	0.028	41.25	7.51	0.55	0.87	
CCE-P1908	Cycle4	601	5.23	34.28	27.09	10.40	3.38	0.06	0.028	40.95	7.51	0.55	0.87	
CCE-P1908	Cycle4	602	5.23	34.28	27.09	10.36	3.36	0.06	0.028	41.46	7.51	0.55	0.87	
CCE-P1908	Cycle4	603	5.22	34.28	27.09	10.34	3.36	0.06	0.028	41.65	7.51	0.55	0.87	
CCE-P1908	Cycle4	604	5.22	34.28	27.09	10.29	3.34	0.06	0.028	41.41	7.51	0.55	0.87	
CCE-P1908	Cycle4	605	5.21	34.29	27.09	10.24	3.32	0.06	0.028	41.24	7.51	0.55	0.87	
CCE-P1908	Cycle4	606	5.20	34.29	27.09	10.22	3.31	0.06	0.028	41.61	7.51	0.55	0.87	
CCE-P1908	Cycle4	607	5.20	34.29	27.09	10.11	3.28	0.06	0.028	41.87	7.51	0.55	0.87	
CCE-P1908	Cycle4	608	5.20	34.29	27.09	10.11	3.28	0.06	0.028	41.72	7.51	0.55	0.87	
CCE-P1908	Cycle4	609	5.19	34.29	27.09	10.08	3.27	0.06	0.028	41.43	7.51	0.55	0.86	
CCE-P1908	Cycle4	610	5.19	34.29	27.10	10.06	3.26	0.06	0.028	41.32	7.51	0.55	0.86	
CCE-P1908	Cycle4	611	5.19	34.29	27.10	9.99	3.24	0.06	0.028	41.74	7.51	0.55	0.86	
CCE-P1908	Cycle4	612	5.18	34.29	27.10	9.92	3.22	0.06	0.028	41.41	7.51	0.55	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	613	5.18	34.29	27.10	9.94	3.22	0.06	0.028	41.44	7.51	0.55	0.86	
CCE-P1908	Cycle4	614	5.17	34.29	27.10	9.96	3.23	0.06	0.028	41.91	7.51	0.55	0.86	
CCE-P1908	Cycle4	615	5.17	34.29	27.10	9.92	3.21	0.06	0.028	41.56	7.51	0.55	0.86	
CCE-P1908	Cycle4	616	5.16	34.29	27.10	9.87	3.20	0.06	0.028	42.39	7.51	0.55	0.86	
CCE-P1908	Cycle4	617	5.16	34.29	27.10	9.84	3.19	0.06	0.028	41.90	7.51	0.55	0.86	
CCE-P1908	Cycle4	618	5.16	34.29	27.10	9.79	3.17	0.06	0.028	42.01	7.51	0.55	0.86	
CCE-P1908	Cycle4	619	5.16	34.29	27.10	9.80	3.18	0.06	0.028	41.83	7.51	0.55	0.86	
CCE-P1908	Cycle4	620	5.15	34.29	27.10	9.80	3.18	0.06	0.028	41.46	7.51	0.55	0.86	
CCE-P1908	Cycle4	621	5.15	34.30	27.11	9.76	3.16	0.06	0.028	41.42	7.51	0.55	0.86	
CCE-P1908	Cycle4	622	5.14	34.30	27.11	9.75	3.16	0.06	0.028	41.57	7.51	0.55	0.86	
CCE-P1908	Cycle4	623	5.14	34.30	27.11	9.66	3.13	0.06	0.028	41.81	7.51	0.55	0.86	
CCE-P1908	Cycle4	624	5.14	34.30	27.11	9.64	3.12	0.06	0.028	41.98	7.51	0.55	0.86	
CCE-P1908	Cycle4	625	5.13	34.30	27.11	9.57	3.10	0.06	0.028	42.02	7.51	0.55	0.86	
CCE-P1908	Cycle4	626	5.12	34.30	27.11	9.55	3.09	0.06	0.028	42.27	7.51	0.55	0.86	
CCE-P1908	Cycle4	627	5.12	34.30	27.11	9.56	3.10	0.06	0.028	42.33	7.51	0.55	0.86	
CCE-P1908	Cycle4	628	5.11	34.30	27.11	9.54	3.09	0.06	0.028	41.98	7.51	0.55	0.86	
CCE-P1908	Cycle4	629	5.11	34.30	27.11	9.50	3.08	0.06	0.028	41.78	7.51	0.55	0.86	
CCE-P1908	Cycle4	630	5.11	34.30	27.12	9.46	3.06	0.06	0.028	42.42	7.51	0.55	0.86	
CCE-P1908	Cycle4	631	5.10	34.30	27.12	9.45	3.06	0.06	0.028	42.34	7.51	0.55	0.86	
CCE-P1908	Cycle4	632	5.10	34.30	27.12	9.37	3.03	0.06	0.028	42.11	7.51	0.55	0.86	
CCE-P1908	Cycle4	633	5.10	34.30	27.12	9.32	3.02	0.06	0.028	42.08	7.51	0.55	0.86	
CCE-P1908	Cycle4	634	5.10	34.31	27.12	9.31	3.01	0.06	0.028	41.90	7.51	0.55	0.86	
CCE-P1908	Cycle4	635	5.09	34.31	27.12	9.22	2.98	0.06	0.028	41.71	7.51	0.55	0.86	
CCE-P1908	Cycle4	636	5.09	34.31	27.12	9.20	2.98	0.06	0.028	41.86	7.51	0.55	0.86	
CCE-P1908	Cycle4	637	5.08	34.31	27.12	9.23	2.99	0.06	0.028	42.28	7.51	0.55	0.86	
CCE-P1908	Cycle4	638	5.08	34.31	27.12	9.20	2.98	0.06	0.028	41.92	7.51	0.55	0.86	
CCE-P1908	Cycle4	639	5.07	34.31	27.12	9.19	2.97	0.06	0.028	42.40	7.51	0.55	0.86	
CCE-P1908	Cycle4	640	5.07	34.31	27.13	9.19	2.97	0.06	0.028	42.27	7.51	0.55	0.86	
CCE-P1908	Cycle4	641	5.07	34.31	27.13	9.19	2.97	0.06	0.028	41.88	7.51	0.55	0.86	
CCE-P1908	Cycle4	642	5.06	34.31	27.13	9.16	2.96	0.06	0.028	41.84	7.51	0.55	0.86	
CCE-P1908	Cycle4	643	5.05	34.31	27.13	9.12	2.95	0.06	0.028	42.44	7.51	0.55	0.86	
CCE-P1908	Cycle4	644	5.04	34.31	27.13	9.12	2.95	0.06	0.028	42.59	7.50	0.55	0.86	
CCE-P1908	Cycle4	645	5.03	34.31	27.13	9.09	2.94	0.06	0.028	42.42	7.50	0.55	0.86	
CCE-P1908	Cycle4	646	5.02	34.31	27.13	9.07	2.93	0.06	0.028	41.98	7.50	0.55	0.86	
CCE-P1908	Cycle4	647	5.02	34.31	27.13	9.08	2.93	0.06	0.028	42.18	7.50	0.54	0.86	
CCE-P1908	Cycle4	648	5.02	34.31	27.13	9.08	2.93	0.06	0.028	42.67	7.50	0.54	0.86	
CCE-P1908	Cycle4	649	5.01	34.31	27.14	9.07	2.93	0.06	0.027	42.27	7.50	0.54	0.86	
CCE-P1908	Cycle4	650	5.01	34.31	27.14	9.04	2.92	0.06	0.028	42.17	7.50	0.54	0.86	
CCE-P1908	Cycle4	651	5.01	34.31	27.14	9.01	2.91	0.06	0.029	42.48	7.50	0.54	0.86	
CCE-P1908	Cycle4	652	5.00	34.32	27.14	9.02	2.91	0.06	0.028	42.10	7.50	0.54	0.86	
CCE-P1908	Cycle4	653	5.00	34.32	27.14	8.99	2.90	0.06	0.027	41.90	7.50	0.54	0.86	
CCE-P1908	Cycle4	654	5.00	34.32	27.14	8.93	2.88	0.06	0.027	41.97	7.50	0.54	0.86	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	655	4.99	34.32	27.14	8.89	2.87	0.06	0.027	42.29	7.50	0.54	0.86	
CCE-P1908	Cycle4	656	4.99	34.32	27.14	8.93	2.88	0.06	0.027	42.02	7.50	0.54	0.86	
CCE-P1908	Cycle4	657	4.99	34.32	27.14	8.91	2.88	0.06	0.027	42.00	7.50	0.54	0.86	
CCE-P1908	Cycle4	658	4.99	34.32	27.14	8.91	2.88	0.06	0.027	42.03	7.50	0.54	0.86	
CCE-P1908	Cycle4	659	4.98	34.32	27.14	8.91	2.88	0.06	0.027	42.26	7.50	0.54	0.86	
CCE-P1908	Cycle4	660	4.98	34.32	27.14	8.87	2.86	0.06	0.027	42.00	7.50	0.54	0.86	
CCE-P1908	Cycle4	661	4.98	34.32	27.15	8.88	2.87	0.06	0.027	41.84	7.50	0.54	0.86	
CCE-P1908	Cycle4	662	4.97	34.32	27.15	8.89	2.87	0.06	0.027	42.97	7.50	0.54	0.86	
CCE-P1908	Cycle4	663	4.96	34.32	27.15	8.87	2.86	0.06	0.027	42.80	7.50	0.54	0.86	
CCE-P1908	Cycle4	664	4.96	34.32	27.15	8.88	2.86	0.06	0.027	42.69	7.50	0.54	0.86	
CCE-P1908	Cycle4	665	4.95	34.32	27.15	8.85	2.85	0.06	0.027	42.40	7.50	0.54	0.86	
CCE-P1908	Cycle4	666	4.94	34.32	27.15	8.83	2.85	0.06	0.027	42.36	7.50	0.54	0.86	
CCE-P1908	Cycle4	667	4.94	34.32	27.15	8.83	2.85	0.06	0.027	42.49	7.50	0.54	0.86	
CCE-P1908	Cycle4	668	4.94	34.32	27.15	8.79	2.84	0.06	0.027	42.36	7.50	0.54	0.86	
CCE-P1908	Cycle4	669	4.94	34.32	27.15	8.80	2.84	0.06	0.027	42.67	7.50	0.54	0.86	
CCE-P1908	Cycle4	670	4.94	34.32	27.15	8.77	2.83	0.06	0.027	42.61	7.50	0.54	0.86	
CCE-P1908	Cycle4	671	4.93	34.32	27.15	8.75	2.82	0.06	0.027	42.54	7.50	0.54	0.85	
CCE-P1908	Cycle4	672	4.93	34.33	27.15	8.73	2.81	0.06	0.028	42.16	7.50	0.54	0.85	
CCE-P1908	Cycle4	673	4.93	34.33	27.16	8.75	2.82	0.06	0.027	42.28	7.50	0.54	0.85	
CCE-P1908	Cycle4	674	4.93	34.33	27.16	8.75	2.82	0.06	0.027	42.40	7.50	0.54	0.85	
CCE-P1908	Cycle4	675	4.92	34.33	27.16	8.73	2.81	0.06	0.027	42.70	7.50	0.54	0.85	
CCE-P1908	Cycle4	676	4.92	34.33	27.16	8.70	2.81	0.06	0.027	42.59	7.50	0.54	0.85	
CCE-P1908	Cycle4	677	4.91	34.33	27.16	8.73	2.82	0.06	0.027	42.34	7.50	0.54	0.85	
CCE-P1908	Cycle4	678	4.91	34.33	27.16	8.71	2.81	0.06	0.027	42.23	7.50	0.54	0.85	
CCE-P1908	Cycle4	679	4.90	34.33	27.16	8.68	2.80	0.06	0.028	42.28	7.50	0.54	0.85	
CCE-P1908	Cycle4	680	4.90	34.33	27.16	8.64	2.79	0.06	0.027	42.67	7.50	0.54	0.85	
CCE-P1908	Cycle4	681	4.90	34.33	27.16	8.66	2.79	0.06	0.027	42.56	7.50	0.54	0.85	
CCE-P1908	Cycle4	682	4.90	34.33	27.16	8.68	2.80	0.06	0.027	42.74	7.50	0.54	0.85	
CCE-P1908	Cycle4	683	4.90	34.33	27.16	8.66	2.79	0.06	0.027	42.63	7.50	0.54	0.85	
CCE-P1908	Cycle4	684	4.89	34.33	27.16	8.64	2.78	0.06	0.027	42.68	7.50	0.54	0.85	
CCE-P1908	Cycle4	685	4.89	34.33	27.17	8.64	2.78	0.06	0.027	42.67	7.50	0.54	0.85	
CCE-P1908	Cycle4	686	4.89	34.33	27.17	8.63	2.78	0.06	0.027	42.71	7.50	0.54	0.85	
CCE-P1908	Cycle4	687	4.88	34.33	27.17	8.61	2.77	0.06	0.027	42.27	7.50	0.54	0.85	
CCE-P1908	Cycle4	688	4.88	34.34	27.17	8.60	2.77	0.06	0.027	42.28	7.50	0.54	0.85	
CCE-P1908	Cycle4	689	4.88	34.34	27.17	8.61	2.77	0.06	0.027	42.51	7.50	0.54	0.85	
CCE-P1908	Cycle4	690	4.87	34.34	27.17	8.56	2.76	0.06	0.027	42.43	7.50	0.54	0.85	
CCE-P1908	Cycle4	691	4.87	34.34	27.17	8.54	2.75	0.06	0.027	42.64	7.50	0.54	0.85	
CCE-P1908	Cycle4	692	4.86	34.34	27.17	8.59	2.77	0.06	0.027	42.38	7.50	0.54	0.85	
CCE-P1908	Cycle4	693	4.86	34.34	27.17	8.55	2.75	0.06	0.027	42.54	7.50	0.54	0.85	
CCE-P1908	Cycle4	694	4.86	34.34	27.17	8.55	2.75	0.06	0.027	43.23	7.50	0.54	0.85	
CCE-P1908	Cycle4	695	4.86	34.34	27.17	8.56	2.76	0.06	0.027	42.76	7.50	0.54	0.85	
CCE-P1908	Cycle4	696	4.85	34.34	27.18	8.54	2.75	0.06	0.027	42.29	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	697	4.85	34.34	27.18	8.54	2.75	0.06	0.027	42.33	7.50	0.54	0.85	
CCE-P1908	Cycle4	698	4.85	34.34	27.18	8.54	2.75	0.06	0.027	42.58	7.50	0.54	0.85	
CCE-P1908	Cycle4	699	4.84	34.34	27.18	8.53	2.74	0.06	0.027	43.00	7.50	0.54	0.85	
CCE-P1908	Cycle4	700	4.84	34.34	27.18	8.53	2.74	0.06	0.027	42.59	7.50	0.54	0.85	
CCE-P1908	Cycle4	701	4.83	34.34	27.18	8.53	2.75	0.06	0.027	42.91	7.50	0.54	0.85	
CCE-P1908	Cycle4	702	4.83	34.34	27.18	8.54	2.75	0.06	0.027	42.65	7.50	0.54	0.85	
CCE-P1908	Cycle4	703	4.83	34.34	27.18	8.53	2.74	0.06	0.027	42.22	7.50	0.54	0.85	
CCE-P1908	Cycle4	704	4.82	34.34	27.18	8.52	2.74	0.06	0.027	42.27	7.50	0.54	0.85	
CCE-P1908	Cycle4	705	4.82	34.35	27.18	8.55	2.75	0.06	0.027	42.57	7.50	0.54	0.85	
CCE-P1908	Cycle4	706	4.81	34.35	27.18	8.54	2.75	0.06	0.027	42.93	7.50	0.54	0.85	
CCE-P1908	Cycle4	707	4.81	34.35	27.19	8.56	2.75	0.06	0.027	43.10	7.50	0.54	0.85	
CCE-P1908	Cycle4	708	4.80	34.35	27.19	8.52	2.74	0.06	0.026	42.79	7.50	0.54	0.85	
CCE-P1908	Cycle4	709	4.80	34.35	27.19	8.56	2.75	0.06	0.026	42.11	7.50	0.54	0.85	
CCE-P1908	Cycle4	710	4.79	34.35	27.19	8.59	2.76	0.06	0.026	42.74	7.50	0.54	0.85	
CCE-P1908	Cycle4	711	4.79	34.35	27.19	8.56	2.75	0.06	0.026	42.92	7.50	0.54	0.85	
CCE-P1908	Cycle4	712	4.79	34.35	27.19	8.54	2.74	0.06	0.027	43.33	7.50	0.54	0.85	
CCE-P1908	Cycle4	713	4.78	34.35	27.19	8.56	2.75	0.06	0.026	42.88	7.50	0.54	0.85	
CCE-P1908	Cycle4	714	4.78	34.35	27.19	8.60	2.76	0.06	0.027	42.58	7.50	0.54	0.85	
CCE-P1908	Cycle4	715	4.77	34.35	27.19	8.57	2.75	0.06	0.026	42.59	7.50	0.54	0.85	
CCE-P1908	Cycle4	716	4.77	34.35	27.19	8.58	2.76	0.06	0.026	42.94	7.50	0.54	0.85	
CCE-P1908	Cycle4	717	4.77	34.35	27.19	8.63	2.77	0.06	0.026	42.68	7.50	0.54	0.85	
CCE-P1908	Cycle4	718	4.76	34.35	27.20	8.63	2.77	0.06	0.026	42.48	7.50	0.54	0.85	
CCE-P1908	Cycle4	719	4.76	34.35	27.20	8.64	2.77	0.06	0.026	43.16	7.50	0.54	0.85	
CCE-P1908	Cycle4	720	4.75	34.35	27.20	8.63	2.77	0.06	0.026	42.81	7.50	0.54	0.85	
CCE-P1908	Cycle4	721	4.75	34.36	27.20	8.67	2.78	0.06	0.026	43.12	7.50	0.54	0.85	
CCE-P1908	Cycle4	722	4.74	34.36	27.20	8.64	2.77	0.06	0.026	43.13	7.50	0.54	0.85	
CCE-P1908	Cycle4	723	4.74	34.36	27.20	8.68	2.79	0.06	0.027	43.18	7.50	0.54	0.85	
CCE-P1908	Cycle4	724	4.73	34.36	27.20	8.68	2.79	0.06	0.026	42.94	7.50	0.54	0.85	
CCE-P1908	Cycle4	725	4.73	34.36	27.20	8.70	2.79	0.06	0.026	43.01	7.50	0.54	0.85	
CCE-P1908	Cycle4	726	4.73	34.36	27.20	8.71	2.80	0.06	0.026	42.44	7.50	0.54	0.85	
CCE-P1908	Cycle4	727	4.72	34.36	27.20	8.70	2.79	0.06	0.026	42.66	7.50	0.54	0.85	
CCE-P1908	Cycle4	728	4.72	34.36	27.20	8.72	2.80	0.06	0.026	43.06	7.50	0.54	0.85	
CCE-P1908	Cycle4	729	4.71	34.36	27.21	8.72	2.80	0.06	0.026	43.11	7.50	0.54	0.85	
CCE-P1908	Cycle4	730	4.71	34.36	27.21	8.72	2.80	0.06	0.026	43.03	7.50	0.54	0.85	
CCE-P1908	Cycle4	731	4.71	34.36	27.21	8.75	2.81	0.06	0.026	42.45	7.50	0.54	0.85	
CCE-P1908	Cycle4	732	4.70	34.36	27.21	8.77	2.81	0.06	0.026	42.80	7.50	0.54	0.85	
CCE-P1908	Cycle4	733	4.70	34.36	27.21	8.76	2.81	0.06	0.026	42.97	7.50	0.54	0.85	
CCE-P1908	Cycle4	734	4.70	34.36	27.21	8.78	2.82	0.06	0.026	43.23	7.50	0.54	0.85	
CCE-P1908	Cycle4	735	4.69	34.36	27.21	8.80	2.82	0.06	0.026	43.10	7.50	0.54	0.85	
CCE-P1908	Cycle4	736	4.69	34.36	27.21	8.80	2.82	0.06	0.026	43.17	7.50	0.54	0.85	
CCE-P1908	Cycle4	737	4.68	34.36	27.21	8.83	2.83	0.06	0.026	43.28	7.50	0.54	0.85	
CCE-P1908	Cycle4	738	4.68	34.36	27.21	8.87	2.84	0.06	0.026	43.21	7.50	0.54	0.85	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	739	4.67	34.36	27.21	8.87	2.84	0.06	0.026	43.31	7.50	0.54	0.85	
CCE-P1908	Cycle4	740	4.67	34.36	27.21	8.86	2.84	0.06	0.026	43.05	7.50	0.54	0.85	
CCE-P1908	Cycle4	741	4.66	34.36	27.22	8.89	2.85	0.06	0.026	43.63	7.50	0.54	0.85	
CCE-P1908	Cycle4	742	4.66	34.36	27.22	8.93	2.86	0.06	0.026	43.75	7.50	0.54	0.85	
CCE-P1908	Cycle4	743	4.66	34.37	27.22	8.92	2.86	0.06	0.026	43.39	7.50	0.54	0.85	
CCE-P1908	Cycle4	744	4.65	34.37	27.22	8.91	2.85	0.06	0.026	43.23	7.50	0.54	0.85	
CCE-P1908	Cycle4	745	4.65	34.37	27.22	8.91	2.86	0.06	0.026	43.50	7.50	0.54	0.85	
CCE-P1908	Cycle4	746	4.65	34.37	27.22	8.91	2.85	0.06	0.026	43.33	7.50	0.54	0.85	
CCE-P1908	Cycle4	747	4.64	34.37	27.22	8.88	2.84	0.06	0.026	42.64	7.50	0.54	0.85	
CCE-P1908	Cycle4	748	4.64	34.37	27.22	8.90	2.85	0.06	0.026	42.56	7.50	0.54	0.85	
CCE-P1908	Cycle4	749	4.64	34.37	27.22	8.95	2.87	0.06	0.026	43.02	7.50	0.54	0.85	
CCE-P1908	Cycle4	750	4.64	34.37	27.22	8.95	2.86	0.06	0.026	43.08	7.50	0.54	0.85	
CCE-P1908	Cycle4	751	4.63	34.37	27.22	8.90	2.85	0.06	0.026	43.12	7.50	0.54	0.85	
CCE-P1908	Cycle4	752	4.63	34.37	27.22	8.98	2.87	0.06	0.026	43.16	7.50	0.54	0.85	
CCE-P1908	Cycle4	753	4.63	34.37	27.22	8.95	2.87	0.06	0.026	43.46	7.50	0.54	0.85	
CCE-P1908	Cycle4	754	4.62	34.37	27.22	8.98	2.88	0.06	0.026	43.55	7.50	0.54	0.84	
CCE-P1908	Cycle4	755	4.62	34.37	27.23	9.01	2.88	0.06	0.026	43.37	7.50	0.54	0.84	
CCE-P1908	Cycle4	756	4.61	34.37	27.23	9.06	2.90	0.06	0.026	43.58	7.50	0.54	0.84	
CCE-P1908	Cycle4	757	4.60	34.37	27.23	9.09	2.91	0.06	0.026	43.27	7.50	0.54	0.84	
CCE-P1908	Cycle4	758	4.60	34.37	27.23	9.08	2.91	0.06	0.026	43.12	7.50	0.54	0.84	
CCE-P1908	Cycle4	759	4.60	34.37	27.23	9.07	2.90	0.06	0.026	43.16	7.50	0.54	0.84	
CCE-P1908	Cycle4	760	4.59	34.37	27.23	9.13	2.92	0.06	0.026	43.35	7.50	0.54	0.84	
CCE-P1908	Cycle4	761	4.59	34.37	27.23	9.12	2.92	0.06	0.026	43.14	7.50	0.54	0.84	
CCE-P1908	Cycle4	762	4.58	34.37	27.23	9.13	2.92	0.06	0.026	42.86	7.50	0.54	0.84	
CCE-P1908	Cycle4	763	4.58	34.37	27.23	9.17	2.93	0.06	0.026	43.26	7.50	0.54	0.84	
CCE-P1908	Cycle4	764	4.58	34.37	27.23	9.17	2.93	0.06	0.026	43.41	7.50	0.54	0.84	
CCE-P1908	Cycle4	765	4.57	34.37	27.23	9.19	2.94	0.06	0.026	43.06	7.50	0.54	0.84	
CCE-P1908	Cycle4	766	4.57	34.37	27.23	9.16	2.93	0.06	0.026	43.17	7.50	0.54	0.84	
CCE-P1908	Cycle4	767	4.57	34.37	27.23	9.19	2.94	0.06	0.026	43.40	7.50	0.54	0.84	
CCE-P1908	Cycle4	768	4.56	34.37	27.24	9.21	2.95	0.06	0.026	43.29	7.50	0.54	0.84	
CCE-P1908	Cycle4	769	4.56	34.38	27.24	9.20	2.94	0.06	0.026	43.40	7.50	0.54	0.84	
CCE-P1908	Cycle4	770	4.56	34.38	27.24	9.20	2.94	0.06	0.027	42.94	7.50	0.54	0.84	
CCE-P1908	Cycle4	771	4.55	34.38	27.24	9.22	2.95	0.06	0.026	43.22	7.50	0.53	0.84	
CCE-P1908	Cycle4	772	4.55	34.38	27.24	9.25	2.96	0.06	0.026	43.45	7.50	0.53	0.84	
CCE-P1908	Cycle4	773	4.55	34.38	27.24	9.26	2.96	0.06	0.026	43.64	7.50	0.53	0.84	
CCE-P1908	Cycle4	774	4.54	34.38	27.24	9.27	2.96	0.06	0.026	44.05	7.50	0.53	0.84	
CCE-P1908	Cycle4	775	4.54	34.38	27.24	9.32	2.98	0.06	0.026	43.93	7.50	0.53	0.84	
CCE-P1908	Cycle4	776	4.54	34.38	27.24	9.30	2.97	0.06	0.026	43.72	7.50	0.53	0.84	
CCE-P1908	Cycle4	777	4.53	34.38	27.24	9.36	2.99	0.06	0.026	43.40	7.50	0.53	0.84	
CCE-P1908	Cycle4	778	4.53	34.38	27.24	9.36	2.99	0.06	0.026	43.30	7.50	0.53	0.84	
CCE-P1908	Cycle4	779	4.52	34.38	27.24	9.41	3.01	0.06	0.026	42.96	7.50	0.53	0.84	
CCE-P1908	Cycle4	780	4.52	34.38	27.24	9.47	3.02	0.06	0.026	43.49	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	781	4.51	34.38	27.25	9.52	3.04	0.06	0.025	43.45	7.50	0.53	0.84	
CCE-P1908	Cycle4	782	4.51	34.38	27.25	9.49	3.03	0.06	0.027	43.31	7.50	0.53	0.84	
CCE-P1908	Cycle4	783	4.50	34.38	27.25	9.48	3.03	0.06	0.026	43.15	7.50	0.53	0.84	
CCE-P1908	Cycle4	784	4.49	34.38	27.25	9.51	3.03	0.06	0.025	42.91	7.50	0.53	0.84	
CCE-P1908	Cycle4	785	4.49	34.38	27.25	9.51	3.04	0.06	0.026	43.00	7.50	0.53	0.84	
CCE-P1908	Cycle4	786	4.49	34.38	27.25	9.52	3.04	0.06	0.025	43.54	7.50	0.53	0.84	
CCE-P1908	Cycle4	787	4.49	34.38	27.25	9.53	3.04	0.06	0.025	43.64	7.50	0.53	0.84	
CCE-P1908	Cycle4	788	4.48	34.38	27.25	9.52	3.04	0.06	0.025	43.73	7.50	0.53	0.84	
CCE-P1908	Cycle4	789	4.48	34.38	27.25	9.60	3.06	0.06	0.025	43.41	7.50	0.53	0.84	
CCE-P1908	Cycle4	790	4.48	34.38	27.25	9.59	3.06	0.06	0.026	43.45	7.50	0.53	0.84	
CCE-P1908	Cycle4	791	4.48	34.38	27.25	9.63	3.07	0.06	0.025	43.53	7.50	0.53	0.84	
CCE-P1908	Cycle4	792	4.47	34.38	27.25	9.66	3.08	0.06	0.025	43.50	7.50	0.53	0.84	
CCE-P1908	Cycle4	793	4.47	34.38	27.25	9.69	3.09	0.06	0.025	43.59	7.50	0.53	0.84	
CCE-P1908	Cycle4	794	4.46	34.38	27.25	9.80	3.13	0.06	0.025	43.56	7.50	0.53	0.84	
CCE-P1908	Cycle4	795	4.46	34.38	27.26	9.79	3.12	0.06	0.025	43.54	7.50	0.53	0.84	
CCE-P1908	Cycle4	796	4.45	34.39	27.26	9.79	3.12	0.06	0.025	43.43	7.50	0.53	0.84	
CCE-P1908	Cycle4	797	4.45	34.39	27.26	9.83	3.13	0.06	0.025	43.45	7.50	0.53	0.84	
CCE-P1908	Cycle4	798	4.45	34.39	27.26	9.85	3.14	0.06	0.025	43.94	7.50	0.53	0.84	
CCE-P1908	Cycle4	799	4.44	34.39	27.26	9.81	3.13	0.06	0.025	43.83	7.50	0.53	0.84	
CCE-P1908	Cycle4	800	4.44	34.39	27.26	9.86	3.14	0.06	0.025	43.82	7.50	0.53	0.84	
CCE-P1908	Cycle4	801	4.43	34.39	27.26	9.92	3.16	0.06	0.025	43.11	7.50	0.53	0.84	
CCE-P1908	Cycle4	802	4.43	34.39	27.26	9.98	3.18	0.06	0.025	42.96	7.50	0.53	0.84	
CCE-P1908	Cycle4	803	4.43	34.39	27.26	9.97	3.18	0.06	0.025	43.18	7.50	0.53	0.84	
CCE-P1908	Cycle4	804	4.43	34.39	27.26	9.96	3.17	0.06	0.025	43.69	7.50	0.53	0.84	
CCE-P1908	Cycle4	805	4.42	34.39	27.26	9.95	3.17	0.06	0.025	43.79	7.50	0.53	0.84	
CCE-P1908	Cycle4	806	4.42	34.39	27.26	9.98	3.18	0.06	0.025	43.12	7.50	0.53	0.84	
CCE-P1908	Cycle4	807	4.42	34.39	27.26	9.97	3.18	0.06	0.025	43.40	7.50	0.53	0.84	
CCE-P1908	Cycle4	808	4.41	34.39	27.26	10.05	3.20	0.06	0.025	43.43	7.50	0.53	0.84	
CCE-P1908	Cycle4	809	4.41	34.39	27.27	10.11	3.22	0.06	0.025	43.25	7.50	0.53	0.84	
CCE-P1908	Cycle4	810	4.40	34.39	27.27	10.18	3.24	0.06	0.025	43.39	7.50	0.53	0.84	
CCE-P1908	Cycle4	811	4.40	34.39	27.27	10.19	3.25	0.06	0.025	43.85	7.50	0.53	0.84	
CCE-P1908	Cycle4	812	4.39	34.39	27.27	10.17	3.24	0.06	0.025	43.81	7.50	0.53	0.84	
CCE-P1908	Cycle4	813	4.39	34.39	27.27	10.20	3.25	0.06	0.025	43.81	7.50	0.53	0.84	
CCE-P1908	Cycle4	814	4.39	34.39	27.27	10.24	3.26	0.06	0.025	44.01	7.50	0.53	0.84	
CCE-P1908	Cycle4	815	4.38	34.39	27.27	10.30	3.28	0.06	0.025	43.43	7.50	0.53	0.84	
CCE-P1908	Cycle4	816	4.38	34.39	27.27	10.34	3.29	0.06	0.025	43.72	7.50	0.53	0.84	
CCE-P1908	Cycle4	817	4.38	34.39	27.27	10.32	3.29	0.06	0.025	43.57	7.50	0.53	0.84	
CCE-P1908	Cycle4	818	4.38	34.39	27.27	10.41	3.31	0.06	0.025	43.69	7.50	0.53	0.84	
CCE-P1908	Cycle4	819	4.37	34.40	27.27	10.45	3.32	0.06	0.025	44.07	7.50	0.53	0.84	
CCE-P1908	Cycle4	820	4.37	34.40	27.27	10.44	3.32	0.06	0.025	44.06	7.50	0.53	0.84	
CCE-P1908	Cycle4	821	4.36	34.40	27.27	10.45	3.32	0.06	0.026	43.41	7.50	0.53	0.84	
CCE-P1908	Cycle4	822	4.36	34.40	27.27	10.49	3.34	0.06	0.025	43.41	7.50	0.53	0.84	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	823	4.36	34.40	27.28	10.54	3.36	0.06	0.025	43.59	7.50	0.53	0.84	
CCE-P1908	Cycle4	824	4.36	34.40	27.28	10.56	3.36	0.06	0.025	43.48	7.50	0.53	0.84	
CCE-P1908	Cycle4	825	4.35	34.40	27.28	10.62	3.38	0.06	0.025	43.17	7.50	0.53	0.84	
CCE-P1908	Cycle4	826	4.35	34.40	27.28	10.69	3.40	0.06	0.025	43.43	7.50	0.53	0.84	
CCE-P1908	Cycle4	827	4.35	34.40	27.28	10.81	3.44	0.06	0.025	43.14	7.50	0.53	0.84	
CCE-P1908	Cycle4	828	4.34	34.40	27.28	10.79	3.43	0.06	0.025	43.73	7.50	0.53	0.84	
CCE-P1908	Cycle4	829	4.34	34.40	27.28	10.72	3.41	0.06	0.035	43.84	7.50	0.53	0.84	
CCE-P1908	Cycle4	830	4.33	34.40	27.28	10.78	3.43	0.06	0.025	43.37	7.50	0.53	0.84	
CCE-P1908	Cycle4	831	4.33	34.40	27.28	10.83	3.45	0.06	0.028	43.83	7.50	0.53	0.84	
CCE-P1908	Cycle4	832	4.33	34.40	27.28	10.85	3.45	0.06	0.025	43.95	7.50	0.53	0.84	
CCE-P1908	Cycle4	833	4.32	34.40	27.28	10.96	3.48	0.06	0.025	43.63	7.50	0.53	0.84	
CCE-P1908	Cycle4	834	4.32	34.40	27.28	10.96	3.48	0.06	0.025	43.55	7.50	0.53	0.84	
CCE-P1908	Cycle4	835	4.32	34.40	27.28	10.95	3.48	0.06	0.025	43.51	7.50	0.53	0.84	
CCE-P1908	Cycle4	836	4.32	34.40	27.28	10.92	3.47	0.06	0.025	43.14	7.50	0.53	0.84	
CCE-P1908	Cycle4	837	4.31	34.40	27.29	10.95	3.48	0.06	0.025	43.21	7.50	0.53	0.84	
CCE-P1908	Cycle4	838	4.31	34.40	27.29	11.01	3.50	0.06	0.025	43.60	7.50	0.53	0.84	
CCE-P1908	Cycle4	839	4.31	34.40	27.29	11.05	3.51	0.06	0.025	44.06	7.50	0.53	0.84	
CCE-P1908	Cycle4	840	4.30	34.40	27.29	11.08	3.52	0.06	0.025	43.94	7.50	0.53	0.84	
CCE-P1908	Cycle4	841	4.30	34.40	27.29	11.09	3.52	0.06	0.025	43.82	7.50	0.53	0.83	
CCE-P1908	Cycle4	842	4.29	34.40	27.29	11.09	3.52	0.06	0.025	43.14	7.50	0.53	0.83	
CCE-P1908	Cycle4	843	4.29	34.40	27.29	11.13	3.54	0.06	0.025	43.53	7.50	0.53	0.83	
CCE-P1908	Cycle4	844	4.29	34.41	27.29	11.22	3.56	0.06	0.025	43.99	7.50	0.53	0.83	
CCE-P1908	Cycle4	845	4.29	34.41	27.29	11.32	3.60	0.06	0.025	43.71	7.50	0.53	0.83	
CCE-P1908	Cycle4	846	4.28	34.41	27.29	11.32	3.60	0.06	0.025	44.05	7.50	0.53	0.83	
CCE-P1908	Cycle4	847	4.28	34.41	27.29	11.32	3.60	0.06	0.025	43.78	7.50	0.53	0.83	
CCE-P1908	Cycle4	848	4.28	34.41	27.29	11.35	3.61	0.06	0.025	43.21	7.50	0.53	0.83	
CCE-P1908	Cycle4	849	4.27	34.41	27.29	11.43	3.63	0.06	0.025	43.22	7.50	0.53	0.83	
CCE-P1908	Cycle4	850	4.27	34.41	27.29	11.45	3.64	0.06	0.025	43.31	7.50	0.53	0.83	
CCE-P1908	Cycle4	851	4.26	34.41	27.29	11.48	3.64	0.06	0.025	43.42	7.50	0.53	0.83	
CCE-P1908	Cycle4	852	4.26	34.41	27.29	11.48	3.64	0.06	0.025	43.60	7.50	0.53	0.83	
CCE-P1908	Cycle4	853	4.26	34.41	27.30	11.54	3.66	0.06	0.025	43.64	7.50	0.53	0.83	
CCE-P1908	Cycle4	854	4.25	34.41	27.30	11.60	3.68	0.06	0.025	43.36	7.50	0.53	0.83	
CCE-P1908	Cycle4	855	4.25	34.41	27.30	11.60	3.68	0.06	0.025	43.64	7.50	0.53	0.83	
CCE-P1908	Cycle4	856	4.25	34.41	27.30	11.68	3.71	0.06	0.025	44.08	7.50	0.53	0.83	
CCE-P1908	Cycle4	857	4.25	34.41	27.30	11.73	3.72	0.06	0.025	43.98	7.50	0.53	0.83	
CCE-P1908	Cycle4	858	4.24	34.41	27.30	11.73	3.72	0.06	0.025	43.91	7.50	0.53	0.83	
CCE-P1908	Cycle4	859	4.24	34.41	27.30	11.86	3.76	0.06	0.025	44.08	7.50	0.53	0.83	
CCE-P1908	Cycle4	860	4.24	34.41	27.30	11.85	3.76	0.06	0.025	44.14	7.50	0.53	0.83	
CCE-P1908	Cycle4	861	4.23	34.41	27.30	11.97	3.80	0.06	0.025	43.95	7.50	0.53	0.83	
CCE-P1908	Cycle4	862	4.23	34.41	27.30	12.05	3.82	0.06	0.025	44.05	7.50	0.53	0.83	
CCE-P1908	Cycle4	863	4.22	34.41	27.30	12.00	3.81	0.06	0.025	43.87	7.50	0.53	0.83	
CCE-P1908	Cycle4	864	4.22	34.41	27.30	12.00	3.81	0.06	0.024	43.90	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	865	4.22	34.41	27.30	12.03	3.82	0.06	0.024	43.86	7.50	0.53	0.83	
CCE-P1908	Cycle4	866	4.22	34.41	27.30	12.05	3.82	0.06	0.024	44.05	7.50	0.53	0.83	
CCE-P1908	Cycle4	867	4.21	34.41	27.30	12.08	3.83	0.06	0.025	43.96	7.50	0.53	0.83	
CCE-P1908	Cycle4	868	4.21	34.41	27.30	12.17	3.86	0.06	0.025	43.54	7.50	0.53	0.83	
CCE-P1908	Cycle4	869	4.21	34.41	27.31	12.17	3.86	0.06	0.024	43.62	7.50	0.53	0.83	
CCE-P1908	Cycle4	870	4.20	34.41	27.31	12.26	3.89	0.06	0.024	43.77	7.50	0.53	0.83	
CCE-P1908	Cycle4	871	4.20	34.42	27.31	12.33	3.91	0.06	0.024	43.98	7.50	0.53	0.83	
CCE-P1908	Cycle4	872	4.20	34.42	27.31	12.35	3.91	0.06	0.025	44.25	7.50	0.53	0.83	
CCE-P1908	Cycle4	873	4.20	34.42	27.31	12.37	3.92	0.06	0.024	44.14	7.50	0.53	0.83	
CCE-P1908	Cycle4	874	4.20	34.42	27.31	12.45	3.95	0.06	0.024	44.05	7.50	0.53	0.83	
CCE-P1908	Cycle4	875	4.19	34.42	27.31	12.44	3.94	0.06	0.024	43.83	7.50	0.53	0.83	
CCE-P1908	Cycle4	876	4.19	34.42	27.31	12.50	3.96	0.06	0.024	43.89	7.50	0.53	0.83	
CCE-P1908	Cycle4	877	4.19	34.42	27.31	12.54	3.97	0.06	0.024	44.17	7.50	0.53	0.83	
CCE-P1908	Cycle4	878	4.19	34.42	27.31	12.59	3.99	0.06	0.024	44.53	7.50	0.53	0.83	
CCE-P1908	Cycle4	879	4.19	34.42	27.31	12.59	3.99	0.06	0.025	44.22	7.50	0.53	0.83	
CCE-P1908	Cycle4	880	4.18	34.42	27.31	12.62	4.00	0.06	0.024	43.96	7.50	0.53	0.83	
CCE-P1908	Cycle4	881	4.18	34.42	27.31	12.68	4.02	0.06	0.024	44.26	7.50	0.53	0.83	
CCE-P1908	Cycle4	882	4.18	34.42	27.31	12.73	4.03	0.06	0.024	44.03	7.50	0.53	0.83	
CCE-P1908	Cycle4	883	4.17	34.42	27.31	12.75	4.04	0.06	0.024	43.80	7.50	0.53	0.83	
CCE-P1908	Cycle4	884	4.17	34.42	27.31	12.82	4.06	0.06	0.025	43.72	7.50	0.53	0.83	
CCE-P1908	Cycle4	885	4.17	34.42	27.32	12.94	4.10	0.06	0.025	44.12	7.50	0.53	0.83	
CCE-P1908	Cycle4	886	4.16	34.42	27.32	13.06	4.14	0.06	0.024	44.19	7.50	0.53	0.83	
CCE-P1908	Cycle4	887	4.16	34.42	27.32	13.02	4.12	0.06	0.024	44.14	7.50	0.53	0.83	
CCE-P1908	Cycle4	888	4.16	34.42	27.32	13.00	4.12	0.06	0.024	44.02	7.50	0.53	0.83	
CCE-P1908	Cycle4	889	4.16	34.42	27.32	13.07	4.14	0.06	0.024	44.04	7.50	0.53	0.83	
CCE-P1908	Cycle4	890	4.15	34.42	27.32	13.16	4.17	0.06	0.024	44.10	7.50	0.53	0.83	
CCE-P1908	Cycle4	891	4.15	34.42	27.32	13.21	4.18	0.06	0.024	43.59	7.50	0.53	0.83	
CCE-P1908	Cycle4	892	4.15	34.42	27.32	13.18	4.17	0.06	0.024	43.61	7.50	0.53	0.83	
CCE-P1908	Cycle4	893	4.15	34.42	27.32	13.29	4.21	0.06	0.024	43.61	7.50	0.53	0.83	
CCE-P1908	Cycle4	894	4.14	34.42	27.32	13.29	4.21	0.06	0.024	43.95	7.50	0.53	0.83	
CCE-P1908	Cycle4	895	4.14	34.43	27.32	13.27	4.20	0.06	0.024	44.26	7.50	0.53	0.83	
CCE-P1908	Cycle4	896	4.14	34.43	27.32	13.36	4.23	0.06	0.024	43.88	7.50	0.53	0.83	
CCE-P1908	Cycle4	897	4.14	34.43	27.32	13.41	4.24	0.06	0.024	43.66	7.50	0.53	0.83	
CCE-P1908	Cycle4	898	4.13	34.43	27.32	13.54	4.28	0.06	0.024	44.29	7.50	0.53	0.83	
CCE-P1908	Cycle4	899	4.13	34.43	27.32	13.53	4.28	0.06	0.024	44.10	7.50	0.53	0.83	
CCE-P1908	Cycle4	900	4.12	34.43	27.33	13.59	4.30	0.06	0.024	43.94	7.50	0.53	0.83	
CCE-P1908	Cycle4	901	4.12	34.43	27.33	13.61	4.31	0.06	0.024	43.95	7.50	0.53	0.83	
CCE-P1908	Cycle4	902	4.12	34.43	27.33	13.70	4.33	0.06	0.024	43.82	7.50	0.53	0.83	
CCE-P1908	Cycle4	903	4.12	34.43	27.33	13.77	4.36	0.06	0.024	43.77	7.50	0.53	0.83	
CCE-P1908	Cycle4	904	4.11	34.43	27.33	13.77	4.36	0.06	0.024	44.10	7.50	0.53	0.83	
CCE-P1908	Cycle4	905	4.11	34.43	27.33	13.77	4.36	0.06	0.024	43.92	7.50	0.53	0.83	
CCE-P1908	Cycle4	906	4.10	34.43	27.33	13.85	4.38	0.06	0.024	43.53	7.50	0.53	0.83	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	907	4.10	34.43	27.33	13.91	4.40	0.06	0.024	43.73	7.50	0.53	0.83	
CCE-P1908	Cycle4	908	4.10	34.43	27.33	13.91	4.40	0.06	0.024	43.80	7.50	0.53	0.83	
CCE-P1908	Cycle4	909	4.10	34.43	27.33	13.88	4.39	0.06	0.024	44.14	7.50	0.52	0.83	
CCE-P1908	Cycle4	910	4.09	34.43	27.33	14.02	4.43	0.06	0.024	44.40	7.50	0.52	0.83	
CCE-P1908	Cycle4	911	4.09	34.43	27.33	14.05	4.44	0.06	0.024	44.52	7.50	0.52	0.83	
CCE-P1908	Cycle4	912	4.09	34.43	27.33	14.07	4.45	0.06	0.024	43.77	7.50	0.52	0.83	
CCE-P1908	Cycle4	913	4.09	34.43	27.33	14.07	4.45	0.06	0.024	44.27	7.50	0.52	0.83	
CCE-P1908	Cycle4	914	4.08	34.43	27.33	14.11	4.46	0.06	0.024	44.17	7.50	0.52	0.83	
CCE-P1908	Cycle4	915	4.08	34.43	27.33	14.24	4.50	0.06	0.024	44.18	7.50	0.52	0.83	
CCE-P1908	Cycle4	916	4.08	34.43	27.33	14.33	4.53	0.06	0.024	43.96	7.50	0.52	0.83	
CCE-P1908	Cycle4	917	4.08	34.43	27.33	14.27	4.51	0.06	0.024	44.02	7.50	0.52	0.83	
CCE-P1908	Cycle4	918	4.07	34.43	27.34	14.37	4.54	0.06	0.024	44.34	7.50	0.52	0.83	
CCE-P1908	Cycle4	919	4.07	34.43	27.34	14.41	4.55	0.06	0.024	43.66	7.51	0.52	0.83	
CCE-P1908	Cycle4	920	4.07	34.43	27.34	14.40	4.55	0.06	0.024	43.84	7.50	0.52	0.83	
CCE-P1908	Cycle4	921	4.06	34.43	27.34	14.39	4.55	0.06	0.024	44.32	7.50	0.52	0.83	
CCE-P1908	Cycle4	922	4.06	34.43	27.34	14.52	4.59	0.06	0.030	43.82	7.51	0.52	0.83	
CCE-P1908	Cycle4	923	4.06	34.43	27.34	14.59	4.61	0.06	0.025	43.95	7.51	0.52	0.83	
CCE-P1908	Cycle4	924	4.05	34.44	27.34	14.74	4.66	0.06	0.024	43.95	7.51	0.52	0.83	
CCE-P1908	Cycle4	925	4.05	34.44	27.34	14.73	4.65	0.06	0.024	43.56	7.51	0.52	0.83	
CCE-P1908	Cycle4	926	4.05	34.44	27.34	14.70	4.64	0.06	0.024	43.61	7.51	0.52	0.83	
CCE-P1908	Cycle4	927	4.04	34.44	27.34	14.78	4.67	0.06	0.024	43.87	7.51	0.52	0.83	
CCE-P1908	Cycle4	928	4.04	34.44	27.34	14.84	4.69	0.06	0.024	43.79	7.51	0.52	0.83	
CCE-P1908	Cycle4	929	4.04	34.44	27.34	14.86	4.69	0.06	0.024	44.42	7.51	0.52	0.83	
CCE-P1908	Cycle4	930	4.04	34.44	27.34	14.89	4.70	0.06	0.024	44.20	7.51	0.52	0.83	
CCE-P1908	Cycle4	931	4.03	34.44	27.34	14.98	4.73	0.06	0.024	43.93	7.51	0.52	0.83	
CCE-P1908	Cycle4	932	4.03	34.44	27.34	15.06	4.76	0.06	0.024	43.91	7.51	0.52	0.83	
CCE-P1908	Cycle4	933	4.03	34.44	27.34	15.07	4.76	0.06	0.024	44.07	7.51	0.52	0.83	
CCE-P1908	Cycle4	934	4.02	34.44	27.34	15.08	4.76	0.06	0.024	43.72	7.51	0.52	0.83	
CCE-P1908	Cycle4	935	4.02	34.44	27.34	15.17	4.79	0.06	0.024	43.98	7.51	0.52	0.83	
CCE-P1908	Cycle4	936	4.02	34.44	27.35	15.18	4.79	0.06	0.024	43.90	7.51	0.52	0.83	
CCE-P1908	Cycle4	937	4.02	34.44	27.35	15.18	4.79	0.06	0.024	44.08	7.51	0.52	0.83	
CCE-P1908	Cycle4	938	4.01	34.44	27.35	15.20	4.80	0.06	0.024	44.44	7.51	0.52	0.83	
CCE-P1908	Cycle4	939	4.01	34.44	27.35	15.31	4.83	0.06	0.024	44.54	7.51	0.52	0.83	
CCE-P1908	Cycle4	940	4.01	34.44	27.35	15.40	4.86	0.06	0.024	44.15	7.51	0.52	0.83	
CCE-P1908	Cycle4	941	4.00	34.44	27.35	15.51	4.89	0.06	0.024	43.88	7.51	0.52	0.83	
CCE-P1908	Cycle4	942	4.00	34.44	27.35	15.49	4.89	0.06	0.024	43.98	7.51	0.52	0.82	
CCE-P1908	Cycle4	943	4.00	34.44	27.35	15.45	4.88	0.06	0.024	44.35	7.51	0.52	0.82	
CCE-P1908	Cycle4	944	4.00	34.44	27.35	15.47	4.88	0.06	0.024	44.14	7.51	0.52	0.82	
CCE-P1908	Cycle4	945	3.99	34.44	27.35	15.54	4.90	0.06	0.024	44.00	7.51	0.52	0.82	
CCE-P1908	Cycle4	946	3.99	34.44	27.35	15.59	4.92	0.06	0.024	44.29	7.51	0.52	0.82	
CCE-P1908	Cycle4	947	3.99	34.44	27.35	15.63	4.93	0.06	0.024	44.32	7.51	0.52	0.82	
CCE-P1908	Cycle4	948	3.98	34.44	27.35	15.68	4.94	0.06	0.024	44.39	7.51	0.52	0.82	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite	
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)	
CCE-P1908	Cycle4	949	3.98	34.44	27.35	15.67	4.94	0.06	0.024	44.30	7.51	0.52	0.82	
CCE-P1908	Cycle4	950	3.98	34.44	27.35	15.68	4.94	0.06	0.024	44.13	7.51	0.52	0.82	
CCE-P1908	Cycle4	951	3.97	34.44	27.35	15.70	4.95	0.06	0.024	44.21	7.51	0.52	0.82	
CCE-P1908	Cycle4	952	3.97	34.44	27.35	15.80	4.98	0.06	0.024	44.55	7.51	0.52	0.82	
CCE-P1908	Cycle4	953	3.97	34.44	27.36	15.90	5.01	0.06	0.024	44.47	7.51	0.52	0.82	
CCE-P1908	Cycle4	954	3.96	34.44	27.36	15.91	5.02	0.06	0.024	44.55	7.51	0.52	0.82	
CCE-P1908	Cycle4	955	3.96	34.45	27.36	16.02	5.05	0.06	0.024	44.14	7.51	0.52	0.82	
CCE-P1908	Cycle4	956	3.96	34.45	27.36	16.06	5.06	0.06	0.024	44.10	7.51	0.52	0.82	
CCE-P1908	Cycle4	957	3.95	34.45	27.36	16.11	5.08	0.06	0.024	44.04	7.51	0.52	0.82	
CCE-P1908	Cycle4	958	3.95	34.45	27.36	16.15	5.09	0.06	0.024	44.08	7.51	0.52	0.82	
CCE-P1908	Cycle4	959	3.95	34.45	27.36	16.18	5.10	0.06	0.024	43.95	7.51	0.52	0.82	
CCE-P1908	Cycle4	960	3.94	34.45	27.36	16.24	5.12	0.06	0.024	44.06	7.51	0.52	0.82	
CCE-P1908	Cycle4	961	3.94	34.45	27.36	16.28	5.13	0.06	0.024	44.10	7.51	0.52	0.82	
CCE-P1908	Cycle4	962	3.94	34.45	27.36	16.35	5.15	0.06	0.024	44.35	7.51	0.52	0.82	
CCE-P1908	Cycle4	963	3.94	34.45	27.36	16.39	5.16	0.06	0.024	44.23	7.51	0.52	0.82	
CCE-P1908	Cycle4	964	3.93	34.45	27.36	16.39	5.16	0.06	0.024	44.29	7.51	0.52	0.82	
CCE-P1908	Cycle4	965	3.93	34.45	27.36	16.48	5.19	0.06	0.024	44.44	7.51	0.52	0.82	
CCE-P1908	Cycle4	966	3.93	34.45	27.36	16.49	5.19	0.06	0.024	44.68	7.51	0.52	0.82	
CCE-P1908	Cycle4	967	3.92	34.45	27.36	16.59	5.22	0.06	0.024	44.62	7.51	0.52	0.82	
CCE-P1908	Cycle4	968	3.92	34.45	27.36	16.58	5.22	0.06	0.024	44.41	7.51	0.52	0.82	
CCE-P1908	Cycle4	969	3.92	34.45	27.36	16.59	5.22	0.06	0.024	44.25	7.51	0.52	0.82	
CCE-P1908	Cycle4	970	3.91	34.45	27.36	16.67	5.25	0.06	0.024	44.02	7.51	0.52	0.82	
CCE-P1908	Cycle4	971	3.91	34.45	27.37	16.77	5.28	0.06	0.023	44.10	7.51	0.52	0.82	
CCE-P1908	Cycle4	972	3.91	34.45	27.37	16.82	5.29	0.06	0.024	43.76	7.51	0.52	0.82	
CCE-P1908	Cycle4	973	3.91	34.45	27.37	16.78	5.28	0.06	0.024	43.89	7.51	0.52	0.82	
CCE-P1908	Cycle4	974	3.90	34.45	27.37	16.81	5.29	0.06	0.024	44.36	7.51	0.52	0.82	
CCE-P1908	Cycle4	975	3.90	34.45	27.37	16.94	5.33	0.06	0.024	44.25	7.51	0.52	0.82	
CCE-P1908	Cycle4	976	3.90	34.45	27.37	16.96	5.34	0.06	0.023	44.40	7.51	0.52	0.82	
CCE-P1908	Cycle4	977	3.90	34.45	27.37	17.00	5.35	0.06	0.024	44.47	7.51	0.52	0.82	
CCE-P1908	Cycle4	978	3.89	34.45	27.37	17.08	5.37	0.06	0.024	44.52	7.51	0.52	0.82	
CCE-P1908	Cycle4	979	3.89	34.45	27.37	17.08	5.37	0.06	0.023	44.13	7.51	0.52	0.82	
CCE-P1908	Cycle4	980	3.89	34.45	27.37	17.11	5.38	0.06	0.023	44.42	7.51	0.52	0.82	
CCE-P1908	Cycle4	981	3.88	34.45	27.37	17.13	5.39	0.06	0.023	43.92	7.51	0.52	0.82	
CCE-P1908	Cycle4	982	3.88	34.45	27.37	17.34	5.46	0.06	0.023	44.00	7.51	0.52	0.82	
CCE-P1908	Cycle4	983	3.88	34.45	27.37	17.30	5.44	0.06	0.024	44.21	7.51	0.52	0.82	
CCE-P1908	Cycle4	984	3.87	34.45	27.37	17.40	5.47	0.06	0.023	44.21	7.51	0.52	0.82	
CCE-P1908	Cycle4	985	3.87	34.45	27.37	17.42	5.48	0.06	0.023	44.35	7.51	0.52	0.82	
CCE-P1908	Cycle4	986	3.87	34.45	27.37	17.52	5.51	0.06	0.023	44.32	7.51	0.52	0.82	
CCE-P1908	Cycle4	987	3.86	34.45	27.37	17.51	5.51	0.06	0.023	44.38	7.51	0.52	0.82	
CCE-P1908	Cycle4	988	3.86	34.45	27.37	17.48	5.50	0.06	0.023	44.37	7.51	0.52	0.82	
CCE-P1908	Cycle4	989	3.86	34.45	27.37	17.57	5.53	0.06	0.023	44.00	7.51	0.52	0.82	
CCE-P1908	Cycle4	990	3.86	34.46	27.38	17.70	5.56	0.06	0.023	44.39	7.51	0.52	0.82	

Cruise	Cycle	Pressure	Temp	Salinity	Sigma	O2	O2	Fluor	Light extinc	ISUS_NO3	pH	Ω aragonite	Ω calcite
		m	°C			μM/kg	%sat	volts	m-1	μmol l-1	(est)	(est)	(est)
CCE-P1908	Cycle4	991	3.85	34.46	27.38	17.77	5.59	0.06	0.023	44.44	7.51	0.52	0.82
CCE-P1908	Cycle4	992	3.85	34.46	27.38	17.74	5.58	0.06	0.023	44.15	7.51	0.52	0.82
CCE-P1908	Cycle4	993	3.85	34.46	27.38	17.79	5.59	0.06	0.023	44.76	7.51	0.52	0.82
CCE-P1908	Cycle4	994	3.85	34.46	27.38	17.79	5.59	0.06	0.023	44.47	7.51	0.52	0.82
CCE-P1908	Cycle4	995	3.86	34.46	27.38	17.94	5.64	0.06	0.023	44.42	7.51	0.52	0.82
CCE-P1908	Cycle4	996	3.83	34.46	27.38	18.82	5.91	0.06	0.021	44.66	7.51	0.52	0.82
CCE-P1908	Cycle4	997	3.83	34.46	27.38	18.76	5.90	0.06	0.022		7.51	0.52	0.82
CCE-P1908	Cycle4	998	3.82	34.46	27.38	18.87	5.93	0.06	0.022		7.51	0.52	0.82
CCE-P1908	Cycle4	999	3.82	34.46	27.38	19.09	6.00	0.06	0.023		7.51	0.52	0.82
CCE-P1908	Cycle4	1000	3.82	34.46	27.38	18.96	5.96	0.06	0.022		7.51	0.52	0.82