

OCEANOGRAPHICAL STATION LIST

Volume 35

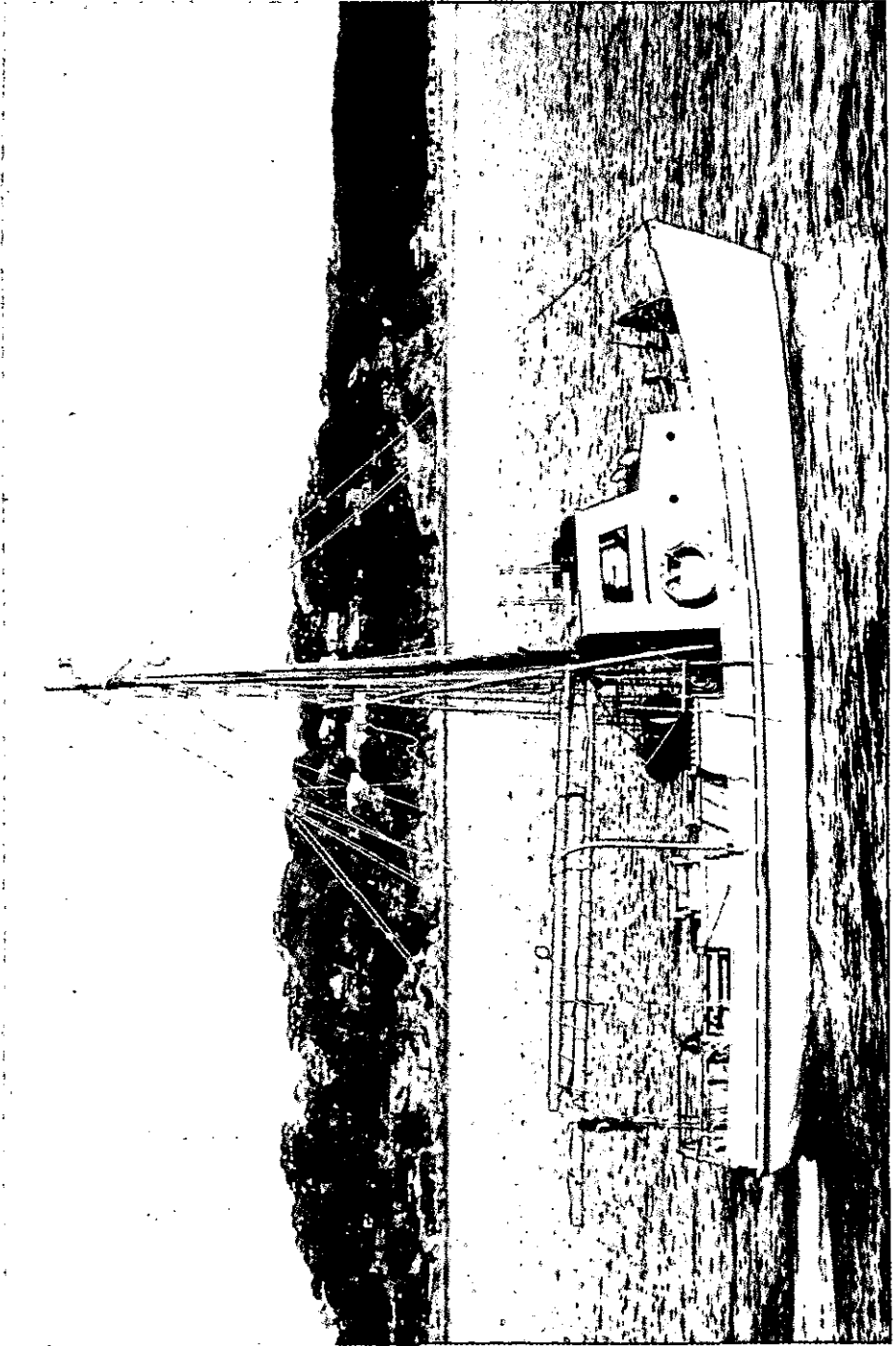
Coastal Hydrological Investigations at Eden,
New South Wales, 1957

Compiled by D. J. Rochford



Division of Fisheries and Oceanography
Commonwealth Scientific and Industrial
Research Organization, Australia

Melbourne 1959



F.R.V. Maredda.

OCEANOGRAPHICAL STATION LIST

COASTAL HYDROLOGICAL INVESTIGATIONS AT EDEN, NEW SOUTH WALES, 1957

Compiled by D. J. ROCHFORD

I. INTRODUCTION

In previous years the results of analyses of coastal waters in eastern and south-eastern Australia were all published in one volume. This year they have been divided up, so that the data from Eden and Port Hacking appear as separate volumes. This has been done because sampling at these two stations was greatly increased during 1957, to provide sufficient environmental information for studies on seasonal tuna occurrences. At Eden, the sampling was done from F.R.V. *Marelda*.

II. METHODS AND UNITS

The hydrological methods and units have been given in a previous volume (C.S.I.R.O. Aust. (1957)), but this year $\mu\text{g at./l.}$ instead of $\mu\text{g/l.}$ has been used for nutrients. The phosphate data give figures for total phosphate only.

F.R.V. *Marelda*, illustrated opposite, is the Division's research vessel based on Eden. The dimensions are overall length 36 ft, beam 12 ft 8 in., and draft 4 ft 3 in. forward and 5 ft 3 in. aft. Power is supplied by a main Gardner Diesel engine of 48 h.p., with an auxiliary Coventry Victor Diesel engine of 5 h.p., and auxiliary main-sail and staysail. A Kelvin Hughes Fisherman's Asdic has recently been installed, and a radio transceiver with four transmitting frequencies is carried. The vessel is operated and maintained by Mr. R. Greig. The scientist-in-charge is Mr. J. P. Robins.

III. PERSONNEL

The sampling has been the responsibility of Messrs. R. Greig and R. Bradley. The laboratory analyses have been carried out by Messrs. C. Walker, F. Davies, K. Champion, and G. Dal Pont. Misses O. Jacobsen, E. Mayman, F. Luce, and R. Weidenhofer, and Mrs. R. Birks have been responsible for the processing of data and the preparation of the typed sheets, under the general direction of Mr. A. D. Crooks.

Thanks are due to the Eden Fish Cannery for facilities readily made available.

IV. REFERENCE

C.S.I.R.O. AUST. (1957).—Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1955. *C.S.I.R.O. Aust. Oceanogr. Sta. List* 27: 1-145.

Station: **EDEX**

Latitude: **37°04' S.**

Longitude: **150°03' E.**

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1957 8.1	0	18.10	19.62	25.60	5.38	98		1.36	
	10	18.10	19.62	25.60	5.38	98		1.78	
	20	17.70	19.58	25.65	5.56	100		1.78	
	30	17.20	19.59	25.79	5.56	99		1.58	
	40	17.00	19.60	25.85	5.56	99		1.13	
	50	16.70	19.63	25.96	5.56	98		1.13	
6.11	0	18.60	19.61	25.46	5.40	99		0.52	
	10	18.30	19.61	25.54	5.40	99		0.52	
	20	18.20	19.60	25.55	5.26	96		0.58	
	30	17.40	19.60	25.75	5.20	93		0.52	
	40	17.20	19.60	25.80	5.17	92		0.36	
	50	15.20	19.56	26.21	4.90	84		0.58	
4.111	0	18.70	19.59	25.41	5.68	104		0.58	
	10	18.60	19.57	25.41	5.57	102		0.52	
	20	18.10	19.56	25.53	5.55	101		0.48	
	30	17.80	19.55	25.58	2.78	50		0.48	
	40	16.80	19.55	25.82	5.15	91		0.94	
	50	15.80	19.53	26.02	4.34	76		1.61	
2.1v	0	19.70	19.64	25.22	5.22	97		0.45	
	10	19.75	19.64	25.21	5.42	101		0.45	
	20	18.50	19.63	25.52	5.36	98		0.42	
	30	17.70	19.58	25.65	5.07	92		0.48	
	40	17.60	19.59	25.69	5.07	91		0.48	
	50	17.55	19.59	25.70	5.18	93		0.48	
15.v	0	16.40	19.66	26.07	5.45	96		0.42	
	10	16.45	19.67	26.07	5.40	81		0.42	
	20	16.50	19.67	26.06	5.45	82		0.23	
	30	16.05	19.68	26.17	5.40	95		0.32	
	40	15.60	19.70	26.31	5.55	96		0.32	
	50	15.55	19.70	26.32	5.64	98		0.32	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	15.60	19.03	25.60	5.76	98		0.55	
	10	15.50	19.62	26.21	5.65	98		0.39	
	20	15.60	19.69	26.30	5.70	99		0.42	
	30	15.60	19.67	26.27	5.47	95		0.48	
	40	15.60	19.69	26.30	5.12	89		0.45	
	50	15.50	19.69	26.32	5.37	93		0.55	
19.vii	0	15.60	19.64	26.22					
	10	15.70	19.65	26.22					
	20	15.60	19.65	26.24					
	30	15.70	19.64	26.20					
	40	15.50	19.65	26.26					
	50	15.40	19.65	26.29					
26.vii	0	14.60	19.59	26.38					
	10	14.60	19.59	26.38					
	20	14.20	19.55	26.40					
	30	13.70	19.54	26.50					
	40	13.40	19.53	26.54					
	50	13.40	19.51	26.52					
2.viii	0	14.30	19.58	26.43					
	10	14.30	19.58	26.43					
	20	14.05	19.56	26.46					
	30	13.80	19.55	26.49					
	40	13.60	19.54	26.52					
	50	13.50	19.54	26.54					
9.viii	0	13.70	19.57	26.54					
	10	13.80	19.57	26.52					
	20	13.80	19.57	26.52					
	30	13.70	19.53	26.48					
	40	13.55	19.54	26.53					
	50	13.60	19.53	26.50					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 17.viii	0	13.80	19.58	26.54					
	10	13.90	19.58	26.52					
	20	13.90	19.58	26.52					
	30	13.90	19.58	26.52					
	40	13.70	19.57	26.54					
	50	13.60	19.56	26.55					
27.viii	0	14.00	19.52	26.41					
	10	14.10	19.53	26.40					
	20	13.90	19.56	26.49					
	30	13.90	19.57	26.50					
	40	13.70	19.56	26.53					
	50	13.80	19.57	26.52					
4.ix	0	14.60	19.61	26.40	6.03	103			
	10	14.60	19.61	26.40	6.12	104			
	20	14.60	19.61	26.40	6.08	104			
	30	14.25	19.59	26.45	5.82	99			
	40	14.25	19.55	26.39	5.64	96			
	50	14.30	19.54	26.37	5.54	94			
10.ix	0	14.00	19.54	26.44					
	10	13.90	19.54	26.46					
	20	13.80	19.54	26.48					
	30	13.75	19.54	26.49					
	40	13.60	19.54	26.52					
	50	13.55	19.54	26.53					
18.ix	0	14.75	19.58	26.34					
	10	14.50	19.58	26.39					
	20	14.50	19.58	26.39					
	30	14.25	19.57	26.42					
	40	13.80	19.55	26.49					
	50	13.55	19.54	26.53					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1957 24.ix	0	14.70	19.58	26.35					
	10	13.90	19.58	26.52					
	20	13.80	19.58	26.54					
	30	13.70	19.58	26.56					
	40	13.70	19.58	26.56					
	50	13.62	19.57	26.56					
10.x	0	13.90	19.59	26.53	6.00	101		0.32	
	10	13.85	19.59	25.54	6.10	103		0.32	
	20	13.60	19.59	26.59	6.10	102		0.36	
	30	13.50	19.58	26.60	5.92	99		0.52	
	40	13.55	19.58	26.59	6.24	105		0.39	
	50	13.25	19.58	26.65	6.35	106		0.42	
16.x	0	14.50	19.62	26.43					
	10	14.25	19.62	26.49					
	20	13.90	19.62	26.56					
	30	13.85	19.62	26.57					
	40	13.80	19.62	26.58					
	50	13.65	19.62	26.62					
18.x	0	14.10	19.61	26.51					
	10	13.85	19.61	26.56					
	20	13.80	19.61	26.57					
	30	13.80	19.61	26.57					
	40	13.70	19.60	26.59					
	50	13.60	19.60	26.61					
25.x	0	14.50	19.64	26.46					
	10	14.10	19.64	26.55					
	20	14.00	19.64	26.57					
	30	13.90	19.64	26.59					
	40	13.90	19.64	26.59					
	50	13.80	19.64	26.61					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 31.x	0	15.40	19.61	26.53					
	10	15.40	19.60	26.23					
	20	15.20	19.60	26.26					
	30	14.05	19.60	26.51					
	40	13.90	19.61	26.55					
	50	13.60	19.61	26.62					
5.xi	0	15.70	19.54	26.07	7.04	122		0.55	
	10	14.80	19.54	26.27	6.67	114		0.77	
	20	13.70	19.53	26.48	5.32	89		0.84	
	30	13.60	19.51	26.47	5.14	86		0.97	
	40	13.00	19.48	26.56	5.17	86		0.94	
	50	13.00	19.47	26.56	5.14	85		0.94	
11.xi	0	16.95	19.68	25.96					
	10	16.80	19.68	26.00					
	20	16.80	19.68	26.00					
	30	15.80	19.61	26.20					
	40	15.10	19.58	26.26					
	50	14.60	19.57	26.35					
21.xi	0	15.55	19.62	26.20					
	10	15.50	19.62	26.21					
	20	15.50	19.62	26.21					
	30	15.30	19.61	26.25					
	40	15.10	19.61	26.29					
	50	14.90	19.60	26.33					
5.xii	0	15.60	19.69	26.30	5.63	98		0.42	
	10	15.50	19.69	26.32	5.63	98		0.42	
	20	15.50	19.69	26.32	5.67	98		0.42	
	30	15.40	19.70	26.35	5.74	99		0.39	
	40	15.30	19.70	26.37	5.77	100		0.39	
	50	15.10	19.70	26.42	5.19	89		0.39	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 16.xii	0	17.10	19.67	25.92					
	10	17.05	19.67	25.93					
	20	16.40	19.67	26.08					
	30	16.30	19.67	26.11					
	40	16.25	19.67	26.12					
	50	16.00	19.66	26.16					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	15.70	19.62	26.17	5.82	101			
	10	15.80	19.62	26.15	5.45	95			
	20	15.60	19.62	26.19	5.27	91			
	30	15.70	19.63	26.19	5.45	95			
	40	15.75	19.63	26.18	5.37	94			
	50	15.60	19.63	26.21	5.60	97			
	70	15.70	19.61	26.16	5.45	95			
19.vii	0	15.70	19.65	26.22					
	10	15.70	19.65	26.22					
	20	15.65	19.65	26.23					
	30	15.70	19.65	26.22					
	40	15.70	19.65	26.22					
	50	15.60	19.63	26.21					
	70	15.50	19.65	26.26					
26.vii	0	14.55	19.60	26.40					
	10	14.60	19.59	26.38					
	20	14.00	19.57	26.48					
	30	13.50	19.53	26.52					
	40	13.20	19.50	26.55					
	50	12.90	19.50	26.61					
	70	12.90	19.50	26.61					
2.viii	0	14.80	19.59	26.34					
	10	14.80	19.59	26.34					
	20	14.80	19.59	26.34					
	30	14.10	19.54	26.42					
	40	13.80	19.53	26.46					
	50	13.60	19.52	26.49					
	70	13.10	19.51	26.58					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 9.viii	0	13.80	19.58	26.54					
	10	13.90	19.58	26.52					
	20	13.80	19.58	26.54					
	30	13.80	19.57	26.52					
	40	13.75	19.57	26.53					
	50	13.70	19.57	26.54					
	70	13.70	19.57	26.54					
17.viii	0	14.00	19.58	26.50					
	10	13.90	19.58	26.52					
	20	14.00	19.59	26.51					
	30	14.00	19.59	26.51					
	40	13.90	19.58	26.52					
	50	13.90	19.58	26.52					
	70	14.00	19.58	26.50					
27.viii	0	14.90	19.59	26.31					
	10	14.90	19.59	26.31					
	20	14.80	19.59	26.34					
	30	14.85	19.59	26.32					
	40	14.60	19.57	26.35					
	50	14.20	19.54	26.39					
	70	13.00	19.54	26.64					
4.ix	0	15.00	19.63	26.34	6.14	105			
	10	15.00	19.60	26.30	6.19	106			
	20	14.70	19.60	26.37	6.25	107			
	30	14.55	19.57	26.36	6.25	106			
	40	14.30	19.55	26.38	5.91	100			
	50	14.30	19.56	26.40	5.45	93			
	70	14.00	19.53	26.42	5.31	90			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 10.ix	0	14.40	19.55	26.36					
	10	14.40	19.55	26.36					
	20	13.90	19.55	26.47					
	30	13.70	19.54	26.50					
	40	13.70	19.54	26.50					
	50	13.60	19.54	26.52					
	70	13.40	19.52	26.54					
18.ix	0	14.70	19.58	26.35					
	10	14.70	19.58	26.35					
	20	14.60	19.58	26.37					
	30	14.50	19.58	26.39					
	40	14.20	19.57	26.43					
	50	13.80	19.56	26.51					
	70	13.50	19.54	26.54					
24.ix	0	14.50	19.59	26.40					
	10	14.25	19.58	26.44					
	20	13.90	19.58	26.52					
	30	13.80	19.58	26.54					
	40	13.75	19.58	26.55					
	50	13.75	19.58	26.55					
	70	13.62	19.57	26.56					
10.x	0	14.30	19.61	26.47	6.25	106			
	10	14.30	19.59	26.44	5.89	100			
	20	14.05	19.60	26.51	6.24	106			
	30	13.90	19.60	26.54	6.19	104			
	40	13.55	19.59	26.60	5.97	100			
	50	13.30	19.60	26.67	6.09	102			
	70	13.05	19.60	26.72	5.97	99			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 16.x	0	15.00	19.62	26.32					
	10	14.70	19.62	26.39					
	20	14.25	19.62	26.49					
	30	14.30	19.62	26.48					
	40	14.00	19.62	26.54					
	50	13.65	19.62	26.62					
	70	13.55	19.62	26.64					
	18.x	0	14.70	19.62	26.39				
10		14.40	19.62	26.46					
20		14.20	19.62	26.50					
30		14.20	19.62	26.50					
40		14.00	19.62	26.54					
50		13.80	19.61	26.57					
70		13.65	19.61	26.61					
25.x		0	14.75	19.64	26.41				
	10	14.70	19.64	26.42					
	20	14.60	19.64	26.44					
	30	13.90	19.64	26.59					
	40	13.70	19.64	26.64					
	50	13.60	19.64	26.66					
	70	13.10	19.66	26.79					
	31.x	0	16.80	19.63	25.93				
10		16.80	19.63	25.93					
20		15.22	19.58	26.23					
30		14.20	19.58	26.45					
40		13.80	19.57	26.52					
50		13.50	19.55	26.55					
70		13.40	19.55	26.57					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 5.xi	0	18.00	19.64	25.65					
	10	17.60	19.64	25.75					
	20	15.15	19.57	26.23					
	30	14.40	19.55	26.36					
	40	13.80	19.54	26.48					
	50	13.80	19.54	26.48					
	70	13.70	19.54	26.50					
11.xi	0	16.55	19.65	26.02					
	10	15.80	19.64	26.18					
	20	15.55	19.64	26.23					
	30	15.50	19.64	26.24					
	40	15.10	19.63	26.32					
	50	14.95	19.63	26.36					
	70	14.75	19.63	26.40					
21.xi	0	15.20	19.63	26.30					
	10	15.20	19.63	26.30					
	20	15.15	19.63	26.31					
	30	15.10	19.63	26.32					
	40	15.17	19.63	26.31					
	50	15.20	19.63	26.30					
	70	15.10	19.63	26.32					
16.xii	0	16.60	19.68	26.05					
	10	16.25	19.68	26.13					
	20	16.30	19.68	26.12					
	30	16.25	19.68	26.13					
	40	16.15	19.68	26.15					
	50	16.20	19.68	26.14					
	70	16.00	19.67	26.18					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	16.40	19.67	26.08					
	10	16.40	19.67	26.08					
	20	16.30	19.67	26.11					
	30	16.30	19.66	26.09					
	40	16.30	19.67	26.11					
	50	16.40	19.66	26.07					
	75	16.20	19.66	26.11					
	90	16.15	19.63	26.09					
19.vii	0	15.45	19.65	26.27					
	10	15.40	19.65	26.29					
	20	15.40	19.65	26.29					
	30	15.35	19.66	26.31					
	40	15.35	19.65	26.30					
	50	15.40	19.65	26.29					
	75	15.00	19.60	26.30					
	90	14.60	19.57	26.35					
26.vii	0	14.40	19.57	26.39					
	10	14.40	19.56	26.39					
	20	13.90	19.53	26.44					
	30	13.40	19.50	26.51					
	40	13.20	19.47	26.51					
	50	13.20	19.50	26.55					
	75	13.00	19.54	26.64					
	90	12.90	19.55	26.67					
2.viii	0	15.50	19.62	26.21					
	10	15.50	19.62	26.21					
	20	15.10	19.60	26.28					
	30	14.75	19.57	26.32					
	40	14.55	19.59	26.39					
	50	14.35	19.55	26.37					
	75	13.80	19.55	26.49					
	90	13.55	19.54	26.53					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 9.viii	0	14.85	19.63	26.38					
	10	14.90	19.63	26.37					
	20	14.60	19.61	26.40					
	30	14.25	19.59	26.45					
	40	14.15	19.59	26.47					
	50	13.90	19.57	26.50					
	75	13.55	19.55	26.54					
	90	13.40	19.56	26.59					
17.viii	0	14.50	19.62	26.43					
	10	14.55	19.62	26.42					
	20	14.55	19.62	26.42					
	30	14.20	19.61	26.49					
	40	14.00	19.59	26.51					
	50	13.70	19.57	26.54					
	75	13.70	19.56	26.53					
	90	13.40	19.55	26.57					
27.viii	0	15.50	19.63	26.23					
	10	15.50	19.63	26.23					
	20	15.40	19.63	26.26					
	30	15.40	19.63	26.26					
	40	15.50	19.63	26.23					
	50	14.60	19.59	26.38					
	75	13.00	19.53	26.62					
	90	13.00	19.52	26.62					
4.ix	0	15.22	19.64	26.31	5.88	102			
	10	15.20	19.64	26.31	5.88	102			
	20	15.00	19.62	26.32	5.88	101			
	30	15.00	19.62	26.32	5.91	102			
	40	15.10	19.63	26.32	5.91	102			
	50	15.10	19.62	26.30	5.78	99			
	75	14.00	19.57	26.48	5.45	92			
	90	12.60	19.48	26.64	5.19	85			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 10.ix	0	14.90	19.61	26.34					
	10	14.90	19.61	26.34					
	20	14.90	19.61	26.34					
	30	14.30	19.57	26.41					
	40	14.20	19.57	26.43					
	50	13.80	19.56	26.51					
	75	13.40	19.54	26.56					
	90	13.30	19.51	26.54					
18.ix	0	14.80	19.59	26.34					
	10	14.80	19.59	26.34					
	20	14.80	19.59	26.34					
	30	14.65	19.59	26.37					
	40	14.70	19.59	26.36					
	50	14.80	19.59	26.34					
	75	13.50	19.54	26.54					
	90	13.40	19.54	26.56					
24.ix	0	14.10	19.60	26.50					
	10	14.00	19.60	26.52					
	20	14.00	19.59	26.51					
	30	13.70	19.59	26.57					
	40	13.70	19.59	26.57					
	50	13.60	19.58	26.58					
	75	13.00	19.54	26.64					
	100	12.90	19.54	26.66					
10.x	0	13.50	19.61	26.64	6.10	102			
	10	13.40	19.61	26.66	5.97	100			
	20	13.40	19.61	26.66	5.81	97			
	30	13.30	19.61	26.68	5.97	100			
	40	13.30	19.62	26.69	6.03	101			
	50	13.25	19.63	26.72	6.06	101			
	75	13.10	19.63	26.75	6.26	104			
	90	13.05	19.62	26.74	6.03	100			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ _t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 18.x	0	14.50	19.62	26.43					
	10	14.40	19.62	26.46					
	20	14.10	19.62	26.52					
	30	13.80	19.62	26.58					
	40	13.80	19.62	26.58					
	50	13.80	19.62	26.58					
	75	13.80	19.62	26.58					
	100	13.50	19.62	26.65					
25.x	0	15.00	19.63	26.34					
	10	14.90	19.63	26.37					
	20	14.90	19.63	26.37					
	30	14.65	19.62	26.40					
	40	14.50	19.62	26.43					
	50	14.35	19.61	26.46					
	75	13.00	19.57	26.68					
	90	12.80	19.62	26.79					
31.x	0	17.35	19.65	25.83					
	10	17.35	19.65	25.83					
	20	15.40	19.57	26.17					
	30	14.80	19.61	26.36					
	40	14.60	19.59	26.38					
	50	14.18	19.55	26.41					
	75	14.10	19.54	26.42					
	90	14.00	19.54	26.44					
5.xi	0	18.00	19.65	25.67	6.25	113			
	10	17.30	19.65	25.84	6.21	111			
	20	17.00	19.64	25.90	5.90	105			
	30	15.50	19.63	26.23	5.60	97			
	40	15.20	19.63	26.30	5.76	99			
	50	15.00	19.62	26.32	5.63	97			
	75	14.20	19.59	26.46	5.77	98			
	90	14.20	19.58	26.45	5.82	99			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 11.xi	0	16.00	19.65	26.15					
	10	15.95	19.65	26.16					
	20	15.90	19.65	26.18					
	30	15.10	19.64	26.33					
	40	14.80	19.63	26.39					
	50	14.80	19.63	26.39					
	75	14.63	19.63	26.43					
	90	14.55	19.62	26.42					
21.xi	0	15.65	19.65	26.23					
	10	15.40	19.65	26.29					
	20	15.35	19.66	26.31					
	30	15.10	19.66	26.36					
	40	14.90	19.66	26.41					
	50	15.20	19.66	26.34					
	75	15.00	19.66	26.38					
	90	14.90	19.66	26.41					
16.xii	0	16.60	19.69	26.07					
	10	16.60	19.69	26.07					
	20	16.45	19.69	26.10					
	30	16.20	19.68	26.14					
	40	16.00	19.68	26.19					
	50	16.00	19.68	26.19					
	75	16.00	19.68	26.19					
	90	15.90	19.68	26.21					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	16.80	19.69	26.02	5.32	94			
	10	16.80	19.69	26.02	5.07	90			
	20	16.70	19.69	26.04	5.60	99			
	30	16.60	19.64	25.99	5.12	90			
	40	16.70	19.67	26.01	5.04	89			
	50	16.80	19.68	26.00					
	75	16.60	19.70	26.08	5.37	95			
	100	16.60	19.68	26.05	5.17	91			
19.vii	0	15.90	19.66	26.18					
	10	15.90	19.67	26.20					
	20	15.75	19.65	26.21					
	30	15.75	19.65	26.21					
	40	15.75	19.63	26.18					
	50	15.40	19.64	26.27					
	75	14.90	19.60	26.33					
	100	14.10	19.55	26.43					
26.vii	0	15.30	19.64	26.29					
	10	15.40	19.64	26.27					
	20	15.30	19.63	26.28					
	30	15.30	19.64	26.29					
	40	15.20	19.63	26.30					
	50	15.20	19.63	26.30					
	75	14.70	19.61	26.38					
	100	13.00	19.51	26.60					
2.viii	0	15.50	19.63	26.23					
	10	15.50	19.63	26.23					
	20	15.50	19.62	26.21					
	30	15.30	19.62	26.26					
	40	14.90	19.59	26.31					
	50	14.75	19.58	26.34					
	75	13.80	19.49	26.41					
	100	13.70	19.53	26.48					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 9.viii	0	15.25	19.63	26.29					
	10	15.30	19.63	26.28					
	20	15.20	19.63	26.30					
	30	15.00	19.59	26.29					
	40	14.90	19.59	26.31					
	50	14.40	19.55	26.36					
	75	13.50	19.49	26.47					
	100	13.35	19.49	26.51					
17.viii	0	14.60	19.63	26.43					
	10	14.60	19.62	26.41					
	20	14.40	19.62	26.46					
	30	14.10	19.59	26.49					
	40	13.90	19.57	26.50					
	50	13.60	19.56	26.55					
	75	13.40	19.55	26.57					
	100	13.40	19.55	26.57					
27.viii	0	15.40	19.61	26.23					
	10	15.40	19.61	26.23					
	20	15.30	19.61	26.25					
	30	15.30	19.61	26.25					
	40	15.40	19.61	26.23					
	50	15.40	19.61	26.23					
	75	14.50	19.58	26.39					
	100	13.35	19.52	26.55					
4.ix	0	15.80	19.62	26.15	6.12	107		0.39	
	10	15.40	19.62	26.24	6.14	106		0.39	
	20	15.40	19.62	26.24	6.12	106		0.39	
	30	15.02	19.61	26.31	6.14	106		0.48	
	40	14.80	19.61	26.36	6.08	104		0.45	
	50	14.80	19.61	26.36	6.04	104		0.48	
	75	13.60	19.55	26.53	5.50	92		0.55	
	100	12.80	19.49	26.62	5.19	86		0.71	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 10.ix	0	15.35	19.63	26.27					
	10	15.35	19.63	26.27					
	20	15.20	19.61	26.27					
	30	15.10	19.64	26.33					
	40	15.10	19.64	26.33					
	50	15.10	19.64	26.33					
	75	15.10	19.64	26.33					
	100	14.40	19.59	26.42					
18.ix	0	15.20	19.63	26.30					
	10	15.20	19.63	26.30					
	20	15.20	19.62	26.28					
	30	15.10	19.61	26.29					
	40	14.90	19.60	26.33					
	50	14.30	19.57	26.41					
	75	13.40	19.53	26.54					
	100	12.90	19.52	26.64					
24.ix	0	15.20	19.64	26.31					
	10	15.10	19.64	26.33					
	20	14.57	19.63	26.44					
	30	14.15	19.61	26.50					
	40	14.00	19.61	26.53					
	50	13.90	19.59	26.53					
	75	13.85	19.59	26.54					
	100	13.10	19.56	26.65					
10.x	0	13.60	19.63	26.65	6.17	104			
	10	13.60	19.63	26.65	6.24	105			
	20	13.50	19.63	26.67	6.19	104			
	30	13.50	19.63	26.67	6.06	102			
	40	13.30	19.62	26.69	5.86	98			
	50	13.30	19.62	26.69	6.03	101			
	75	13.10	19.62	26.73	6.06	101			
	100	13.00	19.62	26.75	6.03	100			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 18.x	0	15.40	19.64	26.27					
	10	15.30	19.64	26.29					
	20	14.85	19.63	26.38					
	30	14.60	19.62	26.41					
	40	14.60	19.62	26.41					
	50	14.50	19.62	26.43					
	75	14.20	19.62	26.50					
	100	13.40	19.63	26.69					
25.x	0	16.00	19.62	26.10					
	10	15.60	19.62	26.19					
	20	15.40	19.62	26.24					
	30	15.10	19.61	26.29					
	40	14.90	19.60	26.33					
	50	14.60	19.59	26.38					
	75	13.80	19.57	26.52					
	100	13.10	19.51	26.58					
31.x	0	17.80	19.67	25.75					
	10	17.80	19.67	25.75					
	20	16.80	19.62	25.91					
	30	15.60	19.57	26.13					
	40	15.20	19.57	26.22					
	50	15.05	19.57	26.25					
	75	14.95	19.61	26.33					
	100	14.90	19.59	26.31					
5.xi	0	17.50	19.67	25.82					
	10	17.40	19.69	25.87					
	20	17.10	19.67	25.92					
	30	15.80	19.64	26.18					
	40	15.40	19.64	26.27					
	50	15.20	19.64	26.31					
	75	14.65	19.62	26.40					
	100	14.40	19.61	26.45					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 11.xi	0	16.00	19.65	26.15					
	10	16.00	19.65	26.15					
	20	15.95	19.65	26.16					
	30	15.95	19.65	26.16					
	40	15.70	19.65	26.22					
	50	15.40	19.63	26.26					
	75	13.85	19.59	26.54					
	100	13.75	19.63	26.61					
21.xi	0	16.20	19.65	26.10					
	10	15.90	19.65	26.17					
	20	15.90	19.65	26.17					
	30	15.80	19.65	26.20					
	40	15.80	19.65	26.20					
	50	14.85	19.63	26.38					
	75	14.60	19.67	26.49					
	100	14.50	19.67	26.51					
16.xii	0	17.50	19.70	25.91					
	10	17.45	19.69	25.86					
	20	17.30	19.69	25.90					
	30	16.90	19.69	25.99					
	40	16.60	19.68	26.05					
	50	16.15	19.68	26.15					
	75	15.70	19.68	26.25					
	100	15.40	19.68	26.32					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	16.80	19.69	26.02	4.76	84			
	25	16.80	19.69	26.02	5.60	99			
	50	16.80	19.67	25.99	5.34	95			
	75	16.70	19.70	26.05	5.76	102			
	100	16.70	19.70	26.05	5.18	92			
	125	16.80	19.69	26.02	5.24	93			
	150	16.40	19.67	26.08	5.10	90			
	175	15.70	19.64	26.20	5.47	95			
	200	15.25	19.62	26.27	5.33	92			
19.vii	0	15.90	19.65	26.17					
	25	15.70	19.64	26.20					
	50	15.60	19.65	26.24					
	75	15.20	19.64	26.31					
	100	14.30	19.55	26.38					
	125	14.20	19.49	26.33					
	150	13.70	19.49	26.43					
	175	13.35	19.48	26.49					
	200	12.90	19.45	26.54					
26.vii	0	15.70	19.64	26.20					
	25	15.70	19.64	26.20					
	50	15.60	19.64	26.22					
	75	15.70	19.64	26.20					
	100	15.70	19.63	26.20					
	125	14.90	19.60	26.33					
	150	14.60	19.54	26.31					
	175	13.40	19.47	26.47					
	200	13.30	19.46	26.47					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 2.viii	0	14.90	19.61	26.34					
	25	14.90	19.60	26.33					
	50	14.80	19.59	26.34					
	75	13.90	19.54	26.46					
	100	13.00	19.46	26.53					
	125	12.90	19.44	26.52					
	150	13.10	19.49	26.56					
	175	13.20	19.51	26.56					
	200	13.15	19.50	26.56					
9.viii	0	15.30	19.64	26.29					
	25	15.30	19.63	26.28					
	50	15.20	19.63	26.30					
	75	14.90	19.62	26.35					
	100	13.90	19.54	26.46					
	125	13.80	19.53	26.46					
	150	13.60	19.53	26.50					
	175	13.30	19.53	26.56					
	200	12.70	19.47	26.61					
17.viii	0	15.20	19.63	26.30					
	25	15.00	19.63	26.34					
	50	15.10	19.63	26.32					
	75	14.30	19.58	26.43					
	100	13.70	19.56	26.53					
	125	13.50	19.55	26.55					
	150	13.50	19.55	26.55					
	175	13.20	19.56	26.63					
	200	12.90	19.55	26.67					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 27.viii	0	15.40	19.64	26.27					
	25	15.40	19.64	26.27					
	50	15.30	19.64	26.29					
	75	15.10	19.62	26.30					
	100	15.00	19.62	26.32					
	125	14.30	19.55	26.38					
	150	14.00	19.53	26.42					
	175	13.70	19.52	26.47					
	200	12.70	19.56	26.73					
4.ix	0	16.00	19.55	26.01	6.35	111		0.29	
	25	14.90	19.55	26.25	6.17	106		0.42	
	50	14.20	19.55	26.40	4.94	84		0.48	
	75	13.85	19.55	26.48	5.01	84		0.58	
	100	13.20	19.54	26.60	5.19	86		0.65	
	125	12.75	19.48	26.61	4.92	81		0.77	
	150	12.60	19.51	26.68	5.11	84		0.71	
	175	12.80	19.50	26.63	5.15	85		0.71	
	200	12.75	19.49	26.63	5.07	84		0.65	
10.ix	0	15.75	19.66	26.22					
	25	15.55	19.65	26.25					
	50	15.50	19.65	26.26					
	75	15.40	19.62	26.24					
	100	15.17	19.61	26.28					
	125	14.70	19.59	26.36					
	150	14.10	19.56	26.45					
	175	13.55	19.49	26.46					
	200	13.15	19.47	26.52					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 18.ix	0	15.80	19.65	26.20					
	25	15.35	19.64	26.28					
	50	14.90	19.60	26.33					
	75	14.80	19.59	26.34					
	100	14.10	19.56	26.45					
	125	13.80	19.55	26.49					
	150	13.55	19.55	26.54					
	175	13.55	19.57	26.57					
	200	13.40	19.57	26.60					
24.ix	0	15.50	19.66	26.27					
	25	15.35	19.65	26.30					
	50	14.15	19.58	26.46					
	75	13.50	19.57	26.58					
	100	13.10	19.57	26.66					
	125	13.10	19.57	26.66					
	150	13.10	19.57	26.66					
	175	13.10	19.57	26.66					
	200	13.10	19.57	26.66					
18.x	0	15.50	19.64	26.24					
	25	14.80	19.63	26.39					
	50	14.50	19.62	26.43					
	75	14.30	19.62	26.48					
	100	13.90	19.62	26.56					
	125	13.70	19.62	26.61					
	150	13.55	19.62	26.64					
	175	13.50	19.62	26.65					
200	13.25	19.62	26.70						

Station: **EDEW**

Latitude: **37°04' S.**

Longitude: **150°24' E.**

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1957 25.x	0	16.60	19.67	26.04					
	25	15.80	19.66	26.21					
	50	15.75	19.66	26.22					
	75	15.70	19.66	26.23					
	100	15.50	19.66	26.27					
	125	15.20	19.64	26.31					
	150	14.90	19.63	26.37					
	175	14.50	19.59	26.40					
	200	14.00	19.59	26.51					
31.x	0	16.40	19.67	26.08					
	25	16.00	19.66	26.16					
	50	15.90	19.66	26.18					
	75	15.80	19.66	26.21					
	100	15.40	19.63	26.26					
	125	15.00	19.62	26.32					
	150	14.95	19.62	26.34					
	175	14.40	19.56	26.38					
	200	13.90	19.53	26.44					
5.xi	0	17.70	19.69	25.80	6.00	108			
	25	17.40	19.69	25.87	6.06	109			
	50	15.60	19.62	26.19	5.70	99			
	75	14.80	19.60	26.35	5.60	96			
	100	13.85	19.55	26.48	5.37	91			
	125	13.70	19.55	26.51	5.73	96			
	150	13.40	19.54	26.56	5.84	98			
	175	13.00	19.49	26.58	5.65	94			
	200	12.90	19.52	26.64	5.94	98			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 11.xi	0	17.10	19.70	25.96					
	25	16.18	19.65	26.11					
	50	15.25	19.62	26.27					
	75	14.30	19.57	26.41					
	100	13.80	19.57	26.52					
	125	13.50	19.62	26.65					
	150	13.35	19.61	26.67					
	175	13.40	19.61	26.66					
	200	13.25	19.61	26.69					
21.xi	0	16.00	19.64	26.13					
	25	15.55	19.64	26.23					
	50	15.50	19.63	26.23					
	75	15.10	19.63	26.32					
	100	14.15	19.65	26.56					
	125	13.90	19.64	26.59					
	150	13.80	19.64	26.61					
	175	13.80	19.64	26.61					
	200	13.55	19.63	26.66					
16.xii	0	17.50	19.70	25.86					
	25	17.35	19.70	25.90					
	50	15.60	19.68	26.28					
	75	15.45	19.68	26.31					
	100	15.30	19.68	26.34					
	125	15.20	19.68	26.37					
	150	15.10	19.68	26.39					
	175	15.00	19.68	26.41					
	200	14.70	19.67	26.47					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 13.vii	0	16.80	19.68	26.00	5.79	103			
	25	16.80	19.70	26.03	5.70	101			
	50	16.80	19.70	26.03	5.65	100			
	75	16.80	19.71	26.05	5.24	93			
	100	16.80	19.69	26.02	5.96	106			
	150	16.80	19.71	26.05	5.49	97			
	200	15.20	19.60	26.26	5.23	90			
	300	13.18	19.49	26.54	4.90	82			
	500	9.40	19.20	26.82	4.79	74			
19.vii	0	15.70	19.65	26.22					
	25	15.50	19.65	26.26					
	50	15.00							
	75	14.80	19.59	26.33					
	100	14.80	19.60	26.35					
	150	14.50	19.57	26.37					
	200	13.40	19.49	26.50					
	300	11.20	19.35	26.72					
	500	8.40	19.12	26.88					
2.viii	0	15.70	19.64	26.20					
	25	15.70	19.64	26.20					
	50	15.60	19.64	26.22					
	75	15.10	19.61	26.29					
	100	15.00	19.61	26.31					
	150	13.75	19.50	26.47					
	200	12.70	19.43	26.55					
	300	12.75	19.52	26.67					
	500	9.60	19.19	26.78					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 17.viii	0	15.35	19.61	26.24					
	25	15.10	19.60	26.28					
	50	15.10	19.60	26.28					
	75	15.00	19.60	26.30					
	100	15.10	19.60	26.28					
	150	13.70	19.49	26.43					
	200	13.00	19.48*	26.56					
	300	12.70	19.53*	26.68					
	500	9.30	19.17*	26.80					
27.viii	0	15.40	19.64	26.27					
	25	15.40	19.63	26.26					
	50	15.40	19.63	26.26					
	75	15.20	19.63	26.30					
	100	15.00	19.63	26.34					
	150	13.80	19.53*	26.46					
	200	12.50	19.45*	26.62					
	300	12.40	19.53*	26.74					
	500	9.10	19.19*	26.86					
4.ix	0	15.60	19.56	26.12	6.60	115		0.42	
	25	15.00	19.55	26.23	6.22	107		0.42	
	50	15.05	19.57	26.25	5.94	102		1.03	
	75	14.65	19.59	26.37	5.27	90		0.52	
	100	13.90	19.55	26.47	4.92	83		0.58	
	150	12.80	19.46	26.57	4.79	79		0.26	
	200	12.80	19.50	26.63	4.96	82		0.65	
	300	12.00	19.45	26.72	5.01	81		0.71	
500	8.20	19.20	27.01	4.76	71		1.09		
* Double checked.									

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 10.ix	0	15.80	19.65	26.20					
	25	15.75	19.65	26.21					
	50	15.70	19.65	26.22					
	75	15.70	19.65	26.22					
	100	15.60	19.64	26.22					
	150	15.20	19.61	26.27					
	200	13.75	19.51	26.44					
	300	11.70	19.35	26.63					
	500	9.30	19.20	26.84					
18.x	0	16.70	19.67	26.01					
	25	15.30	19.63	26.28					
	50	15.10	19.63	26.32					
	75	14.80	19.63	26.39					
	100	14.50	19.63	26.45					
	150	13.70	19.63	26.63					
	200	13.70	19.63	26.63					
	300	13.00	19.62	26.75					
	500	12.70	19.64	26.84					
25.x	0	16.40	19.68	26.09					
	25	16.30	19.68	26.12					
	50	16.30	19.68	26.12					
	75	15.90	19.68	26.21					
	100	15.80	19.68	26.23					
	150	15.60	19.65	26.24					
	200	15.10	19.63	26.32					
	300	12.85	19.45	26.55					
	500	10.10	19.28	26.82					

Station: **EDEN**

Latitude: **37°04' S.**

Longitude: **150°29' E.**

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 31.x	0	16.40	19.65	26.06					
	25	16.00	19.65	26.15					
	50	15.60	19.63	26.21					
	75	15.30	19.62	26.26					
	100	14.80	19.62	26.37					
	150	14.60	19.62	26.41					
	200	14.35	19.59	26.43					
	300	12.80	19.47	26.59					
	500	9.90	19.24	26.80					
5.xi	0	17.85	19.69	25.76	5.96	108			
	25	17.60	19.69	25.83	6.13	110			
	50	16.80	19.66	25.97	6.09	108			
	75	15.60	19.64	26.22	6.00	104			
	100	14.80	19.59	26.34	5.57	95			
	150	13.95	19.55	26.46	5.57	94			
	200	12.50	19.42	26.57	5.55	91			
	300	11.00	19.35	26.76	5.06	81			
	500	8.40	19.15	26.92	5.11	77			
21.xi	0	17.80	19.68	25.76					
	25	15.90	19.65	26.17					
	50	15.50	19.64	26.24					
	75	15.40	19.63	26.26					
	100	15.00	19.63	26.34					
	150	13.90	19.65	26.61					
	200	13.80	19.64	26.61					
	300	13.50	19.64	26.68					
	500	9.30	19.21	26.86					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°34' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 19.vii	0	15.40	19.65	26.29					
	25	14.80	19.56	26.30					
	50	14.70	19.60	26.37					
	75	14.60	19.60	26.39					
	100	15.00	19.56	26.34					
	150	14.60	19.59	26.38					
	200	14.60	19.58	26.37					
	300	13.40							
	500	9.80	19.25	26.83					
10.ix	0	15.80	19.65	26.20					
	25	15.80	19.64	26.18					
	50	15.80	19.64	26.18					
	75	15.80	19.64	26.18					
	100	15.70	19.64	26.20					
	150	14.80	19.57	26.31					
	200	13.85	19.53	26.45					
	300	12.00	19.39	26.63					
	500	9.35	19.20	26.83					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°39' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1957 4.ix	0	16.15	19.67	26.14	5.64	99		0.52	
	25	16.00	19.67	26.18	5.57	97		0.42	
	50	16.00	19.67	26.18	5.56	97		0.42	
	75	16.00	19.67	26.18	5.54	97		0.45	
	100	15.95	19.67	26.19	5.50	96		0.45	
	150	15.00	19.59	26.29	5.11	88		0.45	
	200	13.80	19.51	26.43	4.73	80		0.58	
	300	11.80	19.38	26.66	4.70	76		0.81	
	500	9.00	19.19	26.88	4.81	73		1.23	

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OCEANOGRAPHICAL STATION LISTS

1. Hydrological and planktological observations by F.R.V. *Warreen* in south-eastern Australian waters, 1938-39
2. Hydrological and planktological observations by F.R.V. *Warreen* in south-eastern Australian waters, 1940-42
3. Hydrological and planktological observations by F.R.V. *Warreen* in south-western Australian waters, 1947-50
4. Onshore hydrological investigations in eastern Australia, 1942-50
5. Estuarine hydrological investigations in eastern Australia, 1940-50. Queensland: Nerang and Coomera Rivers, Moreton Bay and Brisbane River, Logan River, Dunwich Oyster Lease; New South Wales: Richmond River, Clarence River, Macleay River, Hastings River, Manning River, Port Stephens, Tilligerry Creek, Hawkesbury River
6. Estuarine hydrological investigations in eastern Australia, 1940-50. New South Wales: Middle Harbour and Port Jackson, Georges River-Botany Bay
7. Estuarine hydrological investigations in eastern Australia, 1940-50. New South Wales: Port Hacking, Lake Illawarra, Shoalhaven River, Jervis Bay, Clyde River, Moruya River, Tuross River, Wagonga Inlet; Victoria: Port Phillip; Tasmania: Tamar River, Derwent River, Huon River, D'Entrecasteaux Channel, Pittwater, Lake Dobson (freshwater), Penna Dam (freshwater)
8. Hydrological investigations in south-western Australia, 1944-50
9. Records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, 1942-50. Queensland: Logan River; New South Wales: Richmond River, Clarence River, Macleay River, Hastings River, Manning River, Port Stephens, Hawkesbury River, Georges River, Port Hacking, Clyde River, Tuross River; Tasmania: Tamar River, Derwent River
10. Records of twenty-four hourly hydrological observations at Shell Point, Georges River, New South Wales, 1942-50
11. Analyses of bottom deposits in eastern Australia, 1946-50
12. Estuarine hydrological investigations in eastern and south-western Australia, 1951
13. Analysis of bottom deposits in eastern and south-western Australia, 1951 and records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, 1951
14. Onshore hydrological investigations in eastern and south-western Australia, 1951
15. Estuarine hydrological investigations in eastern and south-western Australia, 1952
16. Analysis of bottom deposits in eastern and south-western Australia, 1952 and records of twenty-four hourly hydrological observations at selected stations in eastern Australian estuarine systems, 1952
17. Onshore hydrological investigations in eastern and south-western Australia, 1952
18. Onshore hydrological investigations in eastern and south-western Australia, 1953
19. Onshore planktological investigations in eastern Australia, 1945-54
20. Surface sampling in the Tasman Sea, 1953
21. Estuarine hydrological investigations in eastern and south-western Australia, 1953
22. Further onshore planktological investigations in eastern Australia, 1945-54
23. Planktological investigations made by F.R.V. *Derwent Hunter* in eastern Australian waters, 1952-54
24. Onshore hydrological investigations in eastern and south-western Australia, 1954
25. Surface sampling in the Tasman Sea, 1954
26. Estuarine hydrological investigations in eastern and south-western Australia, 1954

OCEANOGRAPHICAL STATION LISTS

(Continued)

27. Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1955
28. Surface sampling in the Tasman and Coral Seas, 1955
29. Estuarine hydrological investigations in eastern and south-western Australia, 1955
30. Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1956
31. Surface sampling in the Tasman and Coral Seas and the south-eastern Indian Ocean, 1956
32. Estuarine hydrological investigations in eastern and south-western Australia, 1956
33. Coastal hydrological investigations in eastern and south-western Australia, 1957
34. Coastal hydrological investigations at Port Hacking, New South Wales, 1957
35. Coastal hydrological investigations at Eden, New South Wales, 1957