

OCEANOGRAPHICAL STATION LIST

Volume 38

Coastal Hydrological Investigations in the New
South Wales Tuna Fishing Area, 1958

Compiled by A. D. Crooks



Division of Fisheries and Oceanography

Commonwealth Scientific and Industrial
Research Organization, Australia

Melbourne 1959

OCEANOGRAPHICAL STATION LIST

COASTAL HYDROLOGICAL INVESTIGATIONS IN THE NEW SOUTH WALES TUNA FISHING
AREA, 1958

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I. INTRODUCTION

The data presented in this Station List were obtained from routine cruises made by the Division's F.R.V. *Marelda*, based at Eden. The scientist-in-charge is Mr. B. S. Newell. The hydrological work of this vessel forms part of the bluefin tuna investigation programme. Sea-water samples have been collected regularly at stations on two lines, one running east-north-east from Eden at depths approximately to 50 m at the 4-mile, 75 m at the 8-mile, 100 m at the 12-mile, 125 m at the 16-mile, 200 m at the 20-mile, and 500 m at the 24-mile station, and the other running east-north-east from Bermagui at depths approximately to 50 m at the 2-mile, 100 m at the 6-mile, 150 m at the 10-mile, 300 m at the 14-mile, and 500 m at the 18-mile station. On July 27, 1958, an extra station was added to investigate the structure of a temperature front encountered 14 miles east of Eden, and on November 18, 1958, another extra station was added some 50 miles east of Eden.

II. METHODS AND UNITS

From January until May only the chlorinity (‰) and temperature (°C) of each water sample were measured. From June, estimations of dissolved oxygen, inorganic orthophosphate, and nitrate were made on all samples from the Eden section. Nitrate estimations were discontinued after the November 18 section. Total phosphorus determinations were made at the Cronulla Laboratory on samples collected at the 4-mile Station in the Eden section (37° 04' S., 150° 08' E.) on June 2, 9, 18, and 21, and on July 8 and 18.

Dissolved oxygen was estimated by the Winkler method, with starch as indicator in the thiosulphate titration. Values are given as ml/l. at N.T.P.

Chlorinities were measured with a conductivity meter (Hamon 1956). Values are expressed as parts per mille (‰).

Inorganic orthophosphate was measured by the method of Deniges. To 100 ml of sea-water was added 1 ml of an acid molybdate solution containing 2.5 per cent. ammonium molybdate and 37.5 per cent. v/v sulphuric acid. Finally 0.1 ml of 1 per cent. stannous chloride was added.

Total phosphate was estimated by digestion with perchloric acid. To 100 ml of sea-water, 0.2 ml of 70 per cent. A.R. perchloric acid was added. The samples were evaporated to fuming point on a sand bath. The residue was redissolved in 100 ml of distilled water, and the pH adjusted to a light pink with phenolphthalein by addition of N ammonium hydroxide. Procedure was thence as for inorganic

phosphate. Phosphate values are expressed as microgram atoms of phosphorus per litre. Where two values are given, the upper or first value is the inorganic orthophosphate and the lower, or second value, is the total phosphate, including any particulate phosphorus present, as well as the inorganic orthophosphate.

Nitrate was estimated by the reduced strychnidine method as modified by Rochford (1947). Values are expressed as microgram atoms per litre.

Wire angles, even at the deeper stations, were so small as to make the use of unprotected thermometers unnecessary. Depths of sampling given in the Station Lists are thus length of wire out. Similarly, corrections to the protected thermometer readings calculated from the auxiliary thermometers are always negligible and are ignored.

III. PERSONNEL

All samples were collected by Technical Officer R. Greig, with the assistance of B. A. Odell. Analyses (except for total phosphate) were performed in the Eden Laboratory by B. A. Odell. Mrs. E. Wood, Misses F. Luce and R. Weidenhofer, and Mrs. B. Jones were responsible for the processing of the data and the preparation of the typed sheets was under the general direction of Mr. A. D. Crooks.

IV. REFERENCES

- HAMON, B. V. (1956).—A portable temperature-chlorinity bridge for estuarine investigations and sea-water analysis. *J. Sci. Instrum.* **33**: 329-33.
- ROCHFORD, D. J. (1947).—The preparation and use of Harvey's reduced strychnine reagent in oceanographical chemistry. *Coun. Sci. Industr. Res. Aust. Bull.* No. 220.

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
1958 7.i	0	19.20	19.71	25.45					
	10	19.20	19.71	25.45					
	20	19.20	19.71	25.45					
	30	19.10	19.70	25.46					
	40	17.40	19.68	25.85					
	50	16.45	19.68	26.08					
16.i	0	19.80	19.69	25.27					
	10	19.70	19.69	25.30					
	20	19.70	19.69	25.30					
	30	19.10	19.69	25.45					
	40	18.90	19.68	25.48					
	50	17.70	19.67	25.77					
23.i	0	19.90	19.72	25.28					
	10	19.90	19.72	25.28					
	20	20.00	19.72	25.26					
	30	19.80	19.71	25.30					
	40	18.00	19.69	25.73					
	50	17.60	19.69	25.83					
29.i	0	21.10	19.67	24.89					
	10	21.10	19.68	24.90					
	20	19.50	19.69	25.35					
	30	17.40	19.66	25.83					
	40	17.00	19.66	25.93					
	50	16.75	19.66	25.99					
6.11	0	22.10	19.58	24.50					
	10	22.10	19.58	24.50					
	20	22.10	19.59	24.51					
	30	20.40	19.63	25.03					
	40	19.30	19.67	25.37					
	50	15.00	19.59	26.29					

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
1958 13.11	0	21.00	19.63	24.86					
	10	21.15	19.63	24.82					
	20	21.00	19.63	24.86					
	30	20.70	19.62	24.92					
	40	19.40	19.60	25.25					
	50	18.40	19.60	25.50					
18.11	0	21.20	19.60	24.77					
	10	20.80	19.60	24.88					
	20	19.70	19.63	25.21					
	30	16.75	19.58	25.88					
	40	14.60	19.53	26.29					
	50	14.50	19.52	26.30					
25.11	0	20.50	19.59	24.95					
	10	20.50	19.59	24.95					
	20	20.50	19.62	24.98					
	30	20.25	19.61	25.04					
	40	20.10	19.60	25.07					
	50	20.00	19.60	25.09					
4.iii	0	22.50	19.63	24.45					
	10	22.50	19.63	24.45					
	20	21.90	19.62	24.59					
	30	20.95	19.62	24.86					
	40	19.90	19.61	25.13					
	50	18.05	19.59	25.58					
17.iii	0	21.80	19.60	24.60					
	10	21.80	19.60	24.60					
	20	21.90	19.60	24.57					
	30	21.80	19.60	24.60					
	40	21.80	19.59	24.59					
	50	18.20	19.57	25.51					

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
1958 18.iii	0	22.00	19.63	24.59					
	10	21.95	19.62	24.58					
	20	21.90	19.62	24.59					
	30	21.40	19.62	24.73					
	40	19.60	19.60	25.20					
	50	17.50	19.58	25.70					
23.iii	0	21.30	19.55	24.67	4.99	95		0.45	0
	10	20.40	19.56	24.93	4.99	94		0.52	0.36
	20	19.10	19.56	25.27	4.92	91		0.61	0.71
	30	18.20	19.56	25.50	4.69	85		0.68	2.86
	40	17.00	19.54	25.76	4.45	79		0.81	4.64
	50	15.40	19.52	26.11	4.34	75		0.81	6.43
27.iii	0	20.60	19.71	25.09					
	10	20.60	19.71	25.09					
	20	20.30	19.72	25.18					
	30	20.35	19.72	25.16					
	40	20.15	19.74	25.24					
	50	19.60	19.74	25.39					
4.iv	0	19.40	19.67	25.34					
	10	19.20	19.67	25.39					
	20	19.20	19.67	25.39					
	30	19.00	19.66	25.43					
	40	19.00	19.66	25.45					
	50	18.60	19.64	25.50					
10.iv	0	19.00	19.67	25.45					
	10	18.80	19.67	25.50					
	20	18.90	19.67	25.47					
	30	18.80	19.66	25.48					
	40	18.60	19.66	25.53					
	50	18.40	19.66	25.58					

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
1958 16.iv	0	19.00	19.67	25.44					
	10	19.00	19.67	25.44					
	20	19.10	19.67	25.42					
	30	19.10	19.67	25.42					
	40	18.50	19.67	25.57					
	50	18.10	19.68	25.68					
22.iv	0	18.40	19.67	25.59					
	10	18.40	19.67	25.59					
	20	18.50	19.67	25.57					
	30	18.50	19.67	25.57					
	40	18.20	19.67	25.64					
	50	18.10	19.67	25.66					
29.iv	0	19.80	19.70	25.29					
	10	19.20	19.70	25.43					
	20	19.35	19.70	25.40					
	30	19.20	19.69	25.42					
	40	18.90	19.68	25.49					
	50	18.35	19.68	25.63					
6.v	0	18.30	19.70	25.66					
	10	18.30	19.70	25.66					
	20	18.35	19.70	25.65					
	30	18.30	19.70	25.66					
	40	18.20	19.69	25.68					
	50	18.10	19.68	25.69					

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
1958 2.vi	0	15.50	19.71	26.35	5.90	102		0.39	0.36
								-0.44	
	10	15.05	19.70	26.43	5.80	100		0.48	0
								-0.46	
	20	15.05	19.70	26.43	5.80	100		0.42	0
								-0.52	
	30	15.05	19.70	26.43	5.80	100		0.32	0
							-0.49		
	40	15.00	19.70	26.44	5.65	97		0.29	0.36
								-0.47	
	50	14.80	19.70	26.49	5.65	97		0.29	0
								-0.48	
9.vi	0	14.60	19.70	26.54	5.92	101		0.55	0
								-0.66	
	10	14.60	19.70	26.54	5.90	101		0.42	0
								-0.55	
	20	14.60	19.70	26.54	5.97	102		0.45	0.36
								-0.55	
	30	14.60	19.71	26.56	5.80	99		0.32	0.36
							-0.57		
	40	14.60	19.72	26.57	6.08	104		0.65	0
								-0.74	
	50	14.45	19.73	26.61	5.74	98		0.35	0
								-0.75	

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
1958 18.vi	0	14.40	19.70	26.58	5.73	98		0.45	0
	10	14.40	19.71	26.59	5.70	97		-0.52	
	20	14.30	19.71	26.61	5.83	99		0.42	0.36
	30	14.20	19.71	26.64	5.20	88		-0.44	
	40	13.95	19.71	26.69	5.86	99		0.42	0.36
	50	13.80	19.71	26.72	5.55	94		-0.47	
21.vi	0	14.40	19.70	26.58	5.80	99		0.39	0
	10	14.30	19.68	26.58	5.80	99		-1.09	
	20	14.10	19.67	26.61	5.80	98		0.35	0
	30	14.00	19.66	26.61	5.89	100		-0.56	
	40	13.80	19.65	26.63	5.87	99		0.32	0
	50	13.80	19.69	26.70	5.60	94		-0.56	
								0.32	0
								-0.63	
								0.35	0
								-0.54	
								0.42	0
								-0.57	

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
1958 8.vii	0	14.00	19.63	26.57	5.78	98		0.32	0.55
	10	14.00	19.63	26.57	5.55	94		-0.58	0.55
	20	14.00	19.63	26.57	5.85	97		0.35	0.55
	30	13.90	19.62	26.55	5.66	95		-0.52	0.55
	40	13.90	19.62	26.55	5.55	94		0.43	0.14
	50	13.90	19.62	26.55	5.83	98		-0.88	0.27
18.vii	0	13.60	19.64	26.66	5.95	105		0.38	0.27
	10	13.40	19.64	26.70	5.65	101		-0.60	0.27
	20	13.40	19.64	26.70	5.35	94		0.37	0.27
	30	13.40	19.64	26.70	5.80	102		-0.52	0.27
	40	13.40	19.64	26.70	6.03	106		0.36	0.27
	50	13.40	19.64	26.70	5.98	105		-0.51	0.27

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
1958									
22.vii	0	13.00	19.62	26.75	5.77	101		0.38	0.30
	10	13.10	19.62	26.73	5.82	102		0.39	0.30
	20	13.10	19.62	26.73	5.89	103		0.35	0.30
	30	13.15	19.63	26.74	6.20	109		0.41	0.30
	40	13.00	19.63	26.77	5.89	103		0.34	0.45
	50	13.10	19.63	26.75	6.10	107		0.35	0.45
30.vii	0	13.70	19.65	26.64	5.83	103		0.53	0.40
	10	13.50	19.63	26.65	5.73	101		0.48	0.40
	20	13.10	19.63	26.74	5.60	98		0.58	0.40
	30	13.10	19.62	26.72	5.89	103		0.39	0
	40	12.80	19.62	26.78	5.83	101		0.44	0
	50	12.70	19.62	26.80	5.83	101		0.32	0
4.viii	0	12.75	19.60	26.77	5.25	91		0.44	0.50
	10	12.70	19.60	26.78	5.07	88		0.35	0.50
	20	12.70	19.60	26.78	6.00	104		0.45	0.70
	30	12.70	19.58	26.76	5.64	98		0.36	0.50
	40	12.50	19.58	26.79	5.78	100		0.43	0.60
	50	12.50	19.58	26.79	5.70	98		0.40	0.60
11.viii	0	12.90	19.60	26.74	2.96	52		0.37	0
	10	12.80	19.60	26.77	5.28	92		0.35	0
	20	12.60	19.60	26.81	5.67	98		0.35	0.40
	30	12.50	19.60	26.83	5.91	102		0.43	0
	40	12.45	19.60	26.84	5.97	103		0.34	0
	50	12.40	19.60	26.85	5.63	97		0.33	0
19.viii	0	12.80	19.56	26.70	5.51	96		0.51	4.20
	10	12.80	19.56	26.70	5.75	100		0.42	4.20
	20	12.80	19.55	26.69	5.75	100		0.48	5.40
	30	12.80	19.55	26.69	5.60	97		0.42	4.80
	40	12.60	19.55	26.73	5.57	97		0.39	1.60
	50	12.60	19.56	26.74	5.77	100		0.42	1.80

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
1958 28.viii	0	12.80	19.58	26.74	6.05	105		0.28	1.80
	10	12.70	19.58	26.76	5.73	99		0.22	1.40
	20	12.50	19.58	26.80	6.03	104		0.31	1.40
	30	12.50	19.58	26.80	6.16	106		0.31	0.80
	40	12.40	19.58	26.82	5.85	101		0.31	1.40
	50	12.30	19.58	26.84	6.30	108		0.41	0.60
2.ix	0	13.70	19.62	26.60	5.75	102		0.30	0.60
	10	13.40	19.62	26.66	6.00	106		0.32	1.80
	20	12.95	19.59	26.72	6.03	105		0.32	2.40
	30	12.90	19.59	26.73	5.94	103		0.34	0.20
	40	12.75	19.58	26.74	5.91	103		0.34	2.00
	50	12.40	19.58	26.81	5.82	100		0.32	1.20
8.ix	0	13.30	19.62	26.69	5.57	98		0.68	
	10	13.25	19.62	26.70	5.99	105		0.51	
	20	13.20	19.61	26.70	5.93	104		0.55	
	30	13.20	19.61	26.70	5.73	100		0.63	
	40	13.20	19.61	26.70	5.79	101		0.67	
	50	13.10	19.61	26.72	5.30	93		0.55	
23.ix	0	13.70	19.58	26.55	5.39	96		0.42	2.00
	10	13.70	19.58	26.55	5.94	105		0.50	1.40
	20	13.70	19.58	26.55	5.94	105		0.38	2.60
	30	13.70	19.58	26.55	5.83	103		0.34	2.20
	40	13.65	19.58	26.56	5.88	104		0.34	2.60
	50	13.50	19.58	26.59	5.72	101		0.49	2.40
30.ix	0	14.70	19.64	26.42	5.73	104		0.48	0
	10	14.60	19.63	26.43	5.73	103		0.39	0.13
	20	14.60	19.63	26.43	5.80	105		0.43	0.13
	30	14.70	19.63	26.41	5.77	104		0.43	1.91
	40	13.70	19.58	26.54	5.50	98		0.43	0.99
	50	13.40	19.58	26.62	5.50	97		0.56	2.86

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
1958 8.x	0	14.50	19.59	26.40	5.89	106		0.16	0.64
	10	14.50	19.59	26.40	6.94	125		0.19	0.64
	20	13.90	19.58	26.51	5.89	105		0.32	0.56
	30	13.35	19.56	26.59	5.48	96		0.60	3.78
	40	13.25	19.56	26.62	5.48	96		0.44	3.32
	50	13.20	19.56	26.63	5.55	97		0.51	2.38
14.x	0	14.80	19.58	26.32	5.42	98		0.16	
	10	14.70	19.58	26.34	5.48	99		0.11	
	20	14.40	19.58	26.41	6.10	110		0.13	
	30	14.30	19.56	26.40	5.83	104		0.13	
	40	14.00	19.56	26.46	5.80	103		0.18	
	50	13.95	19.56	26.47	5.67	101		0.26	
20.x	0	15.15	19.59	26.25	5.15	94		0.22	
	10	15.10	19.59	26.26	5.74	104		0.26	
	20	14.60	19.56	26.33	5.58	101		0.34	
	30	14.30	19.56	26.40	5.66	101		0.35	
	40	14.05	19.54	26.42	5.45	97		0.34	
	50	13.95	19.54	26.44	5.42	96		0.39	
28.x	0	15.15	19.59	26.25	5.73	104		0.23	
	10	15.15	19.59	26.25	6.00	109		0.34	
	20	14.70	19.55	26.30	5.66	102		0.30	
	30	13.90	19.50	26.40	5.80	103		0.35	
	40	13.70	19.49	26.43	5.55	98		0.34	
	50	13.80	19.50	26.42	5.69	101		0.29	
3.xi	0	16.10	19.64	26.12	5.25	98		0.11	0.20
	10	16.10	19.64	26.12	5.64	105		0.21	0.20
	20	14.50	19.56	26.35	5.94	107		0.16	0
	30	14.35	19.55	26.37	5.83	105		0.19	0
	40	14.30	19.55	26.38	5.29	95		0.14	0
	50	13.90	19.55	26.46	5.63	100		0.23	0

Station: EDEW

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
1958 11.xi	0	16.80	19.63	25.94	5.70	107		0.14	0
	10	16.70	19.63	25.96	5.96	112		0.18	0
	20	16.35	19.61	26.02	6.00	113		0.11	0
	30	14.15	19.54	26.39	5.83	104		0.31	2.20
	40	14.00	19.54	26.42	5.83	104		0.22	0
	50	14.00	19.57	26.46	5.80	103		0.26	4.40
18.xi	0	15.30	19.58	26.20	5.60	102		0.12	0
	10	15.30	19.58	26.20	5.55	101		0.19	0
	20	14.35	19.55	26.36	5.78	104		0.16	0
	30	14.25	19.55	26.36	5.85	105		0.17	0
	40	14.20	19.54	26.39	5.89	105		0.20	0
	50	14.20	19.54	26.39	5.89	105		0.17	0
26.xi	0	17.50	19.62	25.75	5.62	107		0.19	
	10	17.35	19.61	25.78	5.66	108		0.22	
	20	15.80	19.61	26.15	5.96	110		0.34	
	30	14.65	19.59	26.36	5.94	107		0.30	
	40	14.60	19.59	26.38	5.81	105		0.24	
	50	14.40	19.59	26.42	5.60	101		0.43	
4.xii	0	18.45	19.66	25.57	5.66	110		0.19	
	10	18.40	19.67	25.60	5.62	109		0.19	
	20	18.20	19.66	25.63	5.81	112		0.19	
	30	17.95	19.65	25.68	5.83	112		0.19	
	40	17.00	19.60	25.84	5.70	108		0.24	
	50	14.70	19.60	26.36				0.32	
15.xii	0	19.30	19.70	25.42	5.30	105		0.19	
	10	18.75	19.66	25.50	5.41	106		0.19	
	20	18.50	19.65	25.55	5.13	100		0.19	
	30	17.70	19.62	25.71	5.18	99		0.19	
	40	17.55	19.62	25.75	5.30	101		0.26	
	50	15.20	19.58	26.25	5.30	97		0.27	

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
1958 23.xii	0	19.50	19.75	25.45	5.24	104		0.19	
	10	19.40	19.70	25.39	5.36	106		0.19	
	20	19.30	19.70	25.41	5.24	104		0.16	
	30	18.10	19.64	25.64	4.95	96		0.19	
	40	17.40	19.61	25.75	5.25	79		0.23	
	50	16.65	19.61	25.95	5.07	95		0.19	

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
1958 7.1	0	19.15	19.71	25.47					
	10	19.20	19.71	25.45					
	20	19.20	19.71	25.45					
	30	19.15	19.71	25.47					
	40	19.20	19.71	25.45					
	50	18.40	19.68	25.61					
	70	16.20	19.67	26.13					
16.1	0	20.80	19.69	25.00					
	10	20.90	19.69	24.97					
	20	20.80	19.69	25.00					
	30	20.10	19.68	25.17					
	40	17.40	19.64	25.80					
	50	16.50	19.64	26.01					
	70	15.95	19.64	26.14					
23.1	0	20.40	19.72	25.15					
	10	20.35	19.72	25.16					
	20	20.20	19.71	25.19					
	30	17.80	19.68	25.76					
	40	17.40	19.68	25.85					
	50	17.40	19.68	25.85					
	70	17.30	19.68	25.88					
29.1	0	21.35	19.67	24.82					
	10	21.20	19.68	24.87					
	20	20.90	19.69	24.97					
	30	18.00	19.67	25.70					
	40	16.10	19.57	26.01					
	50	16.10	19.63	26.10					
	70	15.30	19.59	26.23					

Station: EDEN

1958 11 06

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
1958 6.11	0	22.40	19.64	24.48					
	10	22.25	19.64	24.53					
	20	22.25	19.64	24.53					
	30	21.70	19.66	24.71					
	40	19.50	19.66	25.30					
	50	15.00	19.57	26.26					
	70	14.80	19.56	26.30					
13.11	0	21.10	19.64	24.85					
	10	20.50	19.61	24.97					
	20	20.50	19.60	24.96					
	30	20.40	19.60	24.99					
	40	20.50	19.60	24.96					
	50	20.30	19.60	25.01					
	70	15.15	19.57	26.23					
18.11	0	21.15	19.59	24.77					
	10	21.15	19.59	24.77					
	20	20.55	19.63	24.98					
	30	18.30	19.62	25.55					
	40	16.55	19.58	25.93					
	50	14.50	19.52	26.30					
	70	14.40	19.52	26.33					
25.11	0	19.75	19.61	25.17					
	10	19.85	19.61	25.14					
	20	19.00	19.59	25.34					
	30	18.70	19.59	25.41					
	40	18.10	19.58	25.56					
	50	17.85	19.57	25.60					
	70	17.20	19.57	25.76					

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 -F	NO ₃ -N
1958 4.111	0	22.30	19.64	24.51					
	10	22.40	19.63	24.47					
	20	22.20	19.63	24.53					
	30	22.00	19.61	24.56					
	40	21.50	19.63	24.73					
	50	19.80	19.60	25.14					
	70	16.10	19.58	26.03					
17.111	0	21.80	19.60	24.60					
	10	21.80	19.60	24.60					
	20	21.80	19.59	24.59					
	30	21.80	19.59	24.59					
	40	21.80	19.59	24.59					
	50	17.85	19.57	25.60					
	70	15.00	19.53	26.20					
18.111	0	22.20	19.62	24.51					
	10	22.20	19.62	24.51					
	20	22.20	19.62	24.51					
	30	22.00	19.62	24.57					
	40	21.00	19.61	24.83					
	50	18.40	19.57	25.46					
	70	14.90	19.54	26.24					
23.111	0	22.10	19.58	24.50					
	10	22.10	19.58	24.50					
	20	21.00	19.58	24.80					
	30	16.70	19.55	25.84					
	40	15.10	19.53	26.18					
	50	15.00	19.53	26.20					
	70	14.85	19.52	26.23					

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
1958									
27.iii	0	21.60	19.66	24.74					
	10	20.70	19.71	25.06					
	20	20.30	19.72	25.18					
	30	19.90	19.73	25.29					
	40	19.90	19.74	25.31					
	50	19.70	19.74	25.36					
	70	16.70	19.74	26.11					
4.iv	0	19.10	19.69	25.45					
	10	19.25	19.69	25.41					
	20	19.10	19.69	25.45					
	30	19.10	19.68	25.43					
	40	18.85	19.68	25.49					
	50	19.00	19.67	25.45					
	70	18.60	19.67	25.55					
10.iv	0	18.60	19.66	25.53					
	10	18.80	19.66	25.48					
	20	18.70	19.66	25.51					
	30	18.60	19.66	25.53					
	40	18.40	19.66	25.58					
	50	18.50	19.66	25.56					
	70	18.40	19.66	25.58					
16.iv	0	19.00	19.69	25.48					
	10	18.80	19.69	25.52					
	20	18.80	19.69	25.52					
	30	18.90	19.68	25.49					
	40	18.70	19.68	25.53					
	50	18.60	19.68	25.56					
	70	17.70	19.66	25.76					

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
1958 22.iv	0	19.10	19.67	25.41					
	10	19.10	19.67	25.41					
	20	18.80	19.67	25.49					
	30	18.40	19.67	25.58					
	40	18.25	19.67	25.63					
	50	18.10	19.67	25.67					
	70	18.00	19.67	25.69					
29.iv	0	21.10	19.69	24.90					
	10	20.90	19.69	24.96					
	20	20.90	19.69	24.96					
	30	20.00	19.68	25.19					
	40	19.00	19.67	25.44					
	50	18.40	19.66	25.62					
	70	18.20	19.66	25.64					
6.v	0	18.20	19.69	25.68					
	10	17.95	19.69	25.74					
	20	17.90	19.69	25.75					
	30	17.90	19.69	25.75					
	40	18.10	19.69	25.70					
	50	17.80	19.69	25.78					
	70	17.80	19.69	25.78					
22.vii	0	13.10	19.62	26.73	6.01	105		0.34	0.60
	10	13.15	19.62	26.72	6.01	105		0.45	0.30
	20	13.05	19.61	26.73	5.36	94		0.40	0.30
	30	13.00	19.60	26.73	5.89	103		0.36	1.19
	40	12.95	19.60	26.74	5.77	101		0.34	0.60
	50	12.80	19.60	26.77	5.95	103		0.38	0.60
	70	12.80	19.60	26.77	5.01	87		0.37	0.54

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
1958									
30.vii	0	15.55	19.68	26.30	5.79	106		0.34	0
	10	14.95	19.67	26.40	5.66	103		0.34	0.80
	20	14.30	19.66	26.54	5.70	102		0.34	0.80
	30	13.80	19.64	26.61				0.43	0.80
	40	13.75	19.59	26.55	5.30	94		0.48	0.80
	50	13.60	19.59	26.59	5.89	104		0.43	0.80
	70	13.50	19.60	26.62	6.04	107		0.43	0.80
4.viii	0	13.20	19.61	26.70	5.19	91		0.40	1.20
	10	13.00	19.61	26.74	4.80	84		0.44	1.10
	20	12.60	19.59	26.79	4.49	78		0.40	0.80
	30	12.60	19.59	26.79	4.80	83		0.40	0.70
	40	12.60	19.59	26.79	4.83	84		0.34	0.70
	50	12.40	19.59	26.84	5.16	89		0.39	0.60
	70	12.40	19.59	26.84	4.95	85		0.35	0.60
11.viii	0	12.45	19.61	26.85	6.14	106		0.22	0
	10	12.45	19.61	26.85	6.14	106		0.34	0
	20	12.35	19.62	26.88	6.06	104		0.28	0
	30	12.35	19.62	26.88	5.94	102		0.24	0
	40	12.45	19.62	26.86	5.94	103		0.43	0.40
	50	12.35	19.62	26.88	5.94	102		0.43	0.40
	70	12.30	19.62	26.89	5.87	101		0.25	0
19.viii	0	13.20	19.56	26.63	5.77	101		0.42	0.20
	10	12.85	19.52	26.64	5.57	97		0.51	5.60
	20	12.85	19.52	26.64	5.51	96		0.37	5.60
	30	12.80	19.51	26.64	5.39	94		0.54	6.20
	40	12.80	19.52	26.64	5.39	94		0.53	6.20
	50	12.75	19.52	26.65	5.41	94		0.48	6.80
	70	12.50	19.52	26.71	5.41	93		0.48	4.00

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
1958 28.viii	0	14.20	19.60	26.48	5.94	106		0.35	1.80
	10	13.60	19.60	26.60	6.09	108		0.37	1.20
	20	12.90	19.59	26.73	6.14	107		0.44	2.20
	30	12.70	19.58	26.76	6.30	109		0.30	1.00
	40	12.45	19.58	26.81	6.30	109		0.32	1.60
	50	12.40	19.58	26.82	6.19	107		0.28	1.00
	70	12.30	19.58	26.84	6.19	107		0.37	2.20
2.ix	0	14.60	19.63	26.44	5.85	105		0.32	1.20
	10	14.60	19.63	26.44	5.96	107		0.26	2.20
	20	14.60	19.63	26.44	5.85	105		0.34	2.20
	30	14.50	19.63	26.45	5.96	107		0.36	2.40
	40	13.80	19.59	26.55	5.83	104		0.39	3.00
	50	13.20	19.58	26.66	5.96	104		0.27	1.40
	70	12.80	19.56	26.71	5.96	104		0.41	2.00
8.ix	0	13.45	19.62	26.66	5.82	103		0.54	
	10	13.45	19.61	26.64	5.82	103		0.57	
	20	13.40	19.61	26.66	5.85	103		0.62	
	30	13.40	19.61	26.66	5.87	103		0.61	
	40	13.40	19.61	26.66	5.96	105		0.53	
	50	13.20	19.61	26.70	5.93	104		0.61	
	70	13.20	19.61	26.70	5.85	102		0.57	
23.ix	0	13.60	19.58	26.57	5.33	94		0.42	3.00
	10	13.55	19.58	26.58	5.33	94		0.40	1.20
	20	13.40	19.58	26.62	5.24	92		0.43	2.60
	30	13.40	19.58	26.62	5.85	103		0.44	2.80
	40	13.35	19.57	26.61	5.83	102		0.42	1.60
	50	13.30	19.57	26.62	5.88	103		0.38	3.60
	70	13.30	19.57	26.62	5.60	98		0.47	2.80

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
1958 30.ix	0	14.60	19.63	26.43	5.73	103		0.43	2.09
	10	14.60	19.63	26.43	5.70	103		0.43	2.09
	20	14.55	19.63	26.44	5.60	101		0.32	2.37
	30	14.55	19.63	26.44	5.64	102		0.41	5.00
	40	14.30	19.60	26.45	5.54	99		0.43	3.57
	50	12.40	19.56	26.78	5.50	95		0.54	2.09
	70	12.90	19.54	26.65	5.47	95		0.61	4.08
8.x	0	14.85	19.62	26.36	6.20	112		0.23	0.96
	10	14.80	19.62	26.38	5.83	105		0.26	0.46
	20	14.05	19.58	26.48	5.76	103		0.36	1.78
	30	12.90	19.49	26.59	5.17	90		0.70	6.38
	40	12.90	19.49	26.59	4.92	86		0.64	6.18
	50	11.55	19.49	26.86	5.10	86		0.74	4.72
	70	12.95	19.54	26.65	5.17	90		0.64	5.22
14.x	0	16.50	19.65	26.04	5.73	107		0.14	
	10	14.60	19.58	26.36	5.55	100		0.31	
	20	13.95	19.54	26.44	5.48	98		0.31	
	30	13.70	19.54	26.48	5.33	94		0.43	
	40	13.60	19.53	26.50	5.42	96		0.43	
	50	12.80	19.53	26.66	5.02	87		0.50	
	70	13.00	19.50	26.58	4.86	85		0.57	
20.x	0	16.35	19.65	26.07	5.45	103		0.24	
	10	16.30	19.65	26.08	5.27	98		0.21	
	20	16.20	19.63	26.08	5.33	99		0.24	
	30	15.30	19.59	26.22	4.89	89		0.44	
	40	14.40	19.55	26.36	4.87	87		0.56	
	50	12.60	19.52	26.69	4.57	79		0.65	
	70	13.30	19.51	26.53	4.66	82		0.66	

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
1958 28.x	0	14.15	19.51	26.35	5.77	103		0.14	0
	10	14.10	19.49	26.34	5.94	106		0.21	0
	20	13.90	19.48	26.37	5.66	101		0.22	0
	30	13.80	19.48	26.39	5.64	100		0.22	0
	40	13.90	19.50	26.40	5.75	100		0.34	0
	50	13.70	19.48	26.41	5.64	100		0.35	3.00
	70	13.50	19.49	26.47	5.78	102		0.42	0
3.xi	0	14.70	19.63	26.41	5.96	108		0.22	0
	10	14.65	19.60	26.37	5.96	107		0.25	0.40
	20	14.50	19.60	26.40	5.57	100		0.22	0
	30	14.45	19.60	26.42	5.79	104		0.16	0
	40	14.40	19.60	26.42	5.85	105		0.16	0
	50	14.30	19.58	26.42	5.57	100		0.27	0
	70	13.90	19.59	26.51	5.85	104		0.23	0
11.xi	0	17.00	19.63	25.89	6.00	114		0.11	0.80
	10	17.00	19.63	25.89	6.00	114		0.21	0.80
	20	16.60	19.61	25.96	6.16	116		0.21	0
	30	14.90	19.54	26.23	5.55	101		0.28	0.80
	40	14.00	19.54	26.42	5.70	102		0.31	0.40
	50	13.90	19.57	26.49	5.83	104		0.52	0.40
	70	13.90	19.57	26.49	5.73	102		0.36	1.60
18.xi	0	14.55	19.54	26.30	6.05	109		0.13	0
	10	14.55	19.54	26.30	5.94	107		0.27	0
	20	14.40	19.54	26.34	6.00	108		0.09	0
	30	14.35	19.54	26.35	5.94	106		0.10	0
	40	14.35	19.54	26.35	5.89	106		0.12	0
	50	14.30	19.53	26.35	5.90	106		0.15	0.20
	70	14.30	19.53	26.35	5.85	105		0.16	0

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
1958 26.xi	0	18.05	19.64	25.64	5.65	109		0.27	
	10	18.00	19.64	25.65	5.60	108		0.27	
	20	17.85	19.64	25.69	5.67	109		0.22	
	30	16.00	19.60	26.10	5.57	103		0.26	
	40	14.90	19.56	26.28	5.37	97		0.42	
	50	14.10	19.55	26.41	5.14	92		0.53	
	70	13.40	19.55	26.56	5.45	96		0.43	
4.xii	0	19.75	19.71	25.33	5.45	109		0.24	
	10	19.30	19.70	25.42	5.51	109		0.23	
	20	18.70	19.68	25.54	5.61	110		0.21	
	30	18.00	19.68	25.71	5.51	106		0.19	
	40	17.00	19.61	25.85	5.81	110		0.22	
	50	16.90	19.58	26.08	5.54	102		0.21	
	70	14.30	19.58	26.43	5.42	97		0.34	
15.xii	0	19.90	19.75	25.35	5.48	109		0.17	
	10	19.50	19.74	25.42	5.35	106		0.19	
	20	19.80	19.74	25.35	5.32	106		0.19	
	30	19.70	19.71	25.35	5.41	108		0.19	
	40	18.50	19.67	25.58	4.93	96		0.24	
	50	16.30	19.60	26.02	5.30	99		0.26	
	70	14.40	19.58	26.40	5.24	94		0.35	
23.xii	0	20.25	19.72	25.21	5.07	102		0.20	
	10	20.25	19.72	25.21	5.07	102		0.21	
	20	19.70	19.71	25.35	5.16	103		0.10	
	30	19.30	19.68	25.39	5.30	105		0.13	
	40	18.15	19.66	25.65	5.33	103		0.22	
	50	16.20	19.59	26.05	5.24	97		0.27	
	70	15.00	19.58	26.28	4.86	88		0.37	

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
1958 7.1	0	19.30	19.72	25.44					
	10	19.40	19.71	25.40					
	20	19.40	19.71	25.40					
	30	19.10	19.70	25.46					
	40	19.05	19.70	25.47					
	50	18.60	19.70	25.59					
	75	16.50	19.67	26.06					
	90	16.00	19.65	26.15					
16.1	0	21.25	19.69	24.88					
	10	21.35	19.69	24.85					
	20	21.40	19.69	24.84					
	30	21.30	19.69	24.87					
	40	21.25	19.69	24.88					
	50	19.20	19.66	25.38					
	75	16.00	19.63	26.12					
	90	15.50	19.63	26.23					
23.1	0	20.65	19.72	25.08					
	10	20.65	19.72	25.08					
	20	20.60	19.72	25.10					
	30	20.60	19.72	25.10					
	40	18.60	19.65	25.52					
	50	18.10	19.67	25.67					
	75	17.10	19.66	25.90					
	90	16.45	19.66	26.06					
29.1	0	21.70	19.68	24.74					
	10	21.70	19.69	24.76					
	20	21.00	19.70	24.96					
	30	20.35	19.70	25.13					
	40	18.70	19.66	25.51					
	50	17.15	19.64	25.86					
	75	16.10	19.61	26.07					
	90	14.90	19.55	26.25					

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
1958 6.11	0	22.10	19.68	24.62					
	10	22.00	19.68	24.65					
	20	22.10	19.68	24.62					
	30	20.10	19.65	25.13					
	40	18.50	19.64	25.53					
	50	17.70	19.63	25.72					
	75	16.40	19.62	26.01					
	90	14.40	19.54	26.30					
13.11	0	21.75	19.63	24.66					
	10	21.40	19.63	24.75					
	20	20.40	19.61	25.00					
	30	20.40	19.63	25.03					
	40	20.15	19.63	25.09					
	50	19.70	19.63	25.21					
	75	14.90	19.54	26.24					
	90	14.90	19.54	26.24					
18.11	0	21.40	19.60	24.71					
	10	21.05	19.64	24.86					
	20	20.90	19.63	24.89					
	30	19.80	19.62	25.16					
	40	18.60	19.62	25.47					
	50	17.40	19.62	25.77					
	75	14.60	19.54	26.31					
	90	13.80	19.49	26.41					
25.11	0	23.20	19.63	24.24					
	10	23.00	19.63	24.30					
	20	23.10	19.63	24.27					
	30	21.75	19.59	24.61					
	40	20.80	19.63	24.92					
	50	19.10	19.62	25.35					
	75	16.35	19.60	26.00					
	90	15.10	19.55	26.21					

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
1958 4.111	0	23.70	19.64	24.11					
	10	23.40	19.63	24.19					
	20	22.90	19.61	24.30					
	30	22.20	19.64	24.54					
	40	21.70	19.64	24.68					
	50	19.00	19.63	25.39					
	75	16.40	19.59	25.97					
	90	14.80	19.56	26.30					
17.111	0	22.00	19.60	24.41					
	10	22.00	19.60	24.41					
	20	22.00	19.60	24.35					
	30	21.90	19.60	24.49					
	40	19.50	19.59	25.21					
	50	17.70	19.59	25.66					
	75	15.10	19.53	26.17					
	90	14.60	19.53	26.28					
18.111	0	22.40	19.62	24.45					
	10	22.20	19.62	24.51					
	20	22.30	19.62	24.48					
	30	22.20	19.62	24.51					
	40	22.10	19.64	24.57					
	50	20.25	19.64	25.08					
	75	16.00	19.58	26.06					
	90	14.80	19.54	26.27					
23.111	0	21.75	19.58	24.60					
	10	21.35	19.57	24.69					
	20	21.00	19.57	24.78					
	30	18.60	19.58	25.43					
	40	16.60	19.58	25.92					
	50	16.80	19.58	25.87					
	75	14.40	19.52	26.33					
	90	14.40	19.51	26.31					

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
1958 27.iii	0	22.40	19.62	24.45					
	10	21.55	19.65	24.74					
	20	21.00	19.63	24.86					
	30	19.80	19.66	25.22					
	40	18.75	19.66	25.49					
	50	17.80	19.65	25.72					
	75	15.15	19.57	26.23					
	90	14.80	19.57	26.31					
4.iv	0	19.50	19.67	25.32					
	10	19.15	19.67	25.41					
	20	19.00	19.67	25.45					
	30	18.90	19.67	25.47					
	40	18.90	19.67	25.47					
	50	18.80	19.67	25.50					
	75	18.90	19.67	25.47					
	90	18.45	19.67	25.59					
10.iv	0	18.30	19.67	25.62					
	10	18.35	19.67	25.61					
	20	18.40	19.67	25.60					
	30	18.30	19.67	25.62					
	40	18.20	19.66	25.63					
	50	18.15	19.66	25.65					
	75	18.20	19.66	25.63					
	90	18.10	19.65	25.65					
16.iv	0	18.40	19.69	25.63					
	10	18.40	19.69	25.63					
	20	18.30	19.69	25.65					
	30	18.30	19.69	25.65					
	40	18.40	19.69	25.63					
	50	18.40	19.69	25.63					
	75	18.15	19.68	25.67					
	90	17.90	19.68	25.73					

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
1958 22.iv	0	19.60	19.68	25.31					
	10	19.20	19.68	25.41					
	20	19.00	19.68	25.45					
	30	19.00	19.68	25.45					
	40	19.10	19.68	25.43					
	50	19.10	19.68	25.43					
	75	17.60	19.65	25.63					
	90	17.50	19.65	25.65					
29.iv	0	21.10	19.70	24.93					
	10	21.20	19.70	24.90					
	20	21.00	19.69	24.94					
	30	20.80	19.68	24.98					
	40	20.70	19.68	25.01					
	50	20.70	19.69	25.02					
	75	19.20	19.71	25.44					
	90	17.35	19.63	25.81					
6.v	0	17.55	19.71	25.86					
	10	17.70	19.69	25.79					
	20	17.50	19.69	25.85					
	30	17.50	19.69	25.85					
	40	17.55	19.69	25.84					
	50	17.70	19.69	25.80					
	75	17.50	19.69	25.85					
	90	17.50	19.69	25.85					
22.vii	0	14.70	19.65	26.44	4.71	85		0.32	1.01
	10	14.80	19.66	26.44	5.60	101		0.41	1.16
	20	14.70	19.66	26.46	5.20	94		0.41	0.89
	30	14.75	19.65	26.43	5.20	94		0.41	0.54
	40	13.60	19.63	26.65	4.34	77		0.41	0.54
	50	13.00	19.60	26.73	5.77	101		0.32	0.74
	75	13.40	19.63	26.69	5.89	104		0.42	0.74
	90	12.50	19.63	26.87	6.04	104		0.43	0.36

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
1958									
30.vii	0	17.10	19.70	25.97	5.14	98		0.45	0.80
	10	17.05	19.68	25.95	5.48	104		0.34	0.20
	20	16.85	19.68	26.00	4.38	83		0.43	0
	30	15.90	19.68	26.23	5.57	103		0.44	0.20
	40	15.30	19.67	26.34	5.25	96		0.43	0.80
	50	15.05	19.67	26.39	5.10	93		0.44	0.80
	75	13.75	19.64	26.63	5.55	99		0.41	0.60
	90	12.40	19.58	26.81	5.89	102		0.57	0.60
4.viii	0	14.30	19.39	26.16	5.14	92		0.55	0.90
	10	14.20	19.65	26.54	4.95	89		0.41	0.90
	20	14.05	19.57	26.46	5.66	101		0.44	1.20
	30	13.65	19.59	26.57	5.75	102		0.40	1.00
	40	12.35	19.59	26.84	3.85	66		0.33	0.50
	50	12.30	19.59	26.85	4.55	78		0.22	0.60
	75	12.30	19.59	26.85	4.29	74		0.35	0.30
	90	12.30	19.59	26.85	3.05	52		0.40	0.30
11.viii	0	14.65	19.64	26.43	5.60	101		0.36	0.80
	10	13.50	19.62	26.64	5.94	105		0.35	0.80
	20	13.10	19.62	26.73	5.79	101		0.35	0.60
	30	12.60	19.62	26.83	4.88	85		0.29	0.60
	40	12.50	19.62	26.85	5.89	102		0.26	0.40
	50	12.45	19.61	26.85	6.06	105		0.31	0.40
	75	12.35	19.61	26.87	6.03	104		0.31	0.20
	90	12.35	19.61	26.87	6.06	104		0.25	0.40
19.viii	0	14.15	19.60	26.49				0.24	0.20
	10	14.05	19.58	26.48	6.00	107		0.36	1.00
	20	14.00	19.58	26.49	5.83	104		0.36	0.80
	30	13.20	19.49	26.53	4.83	84		0.60	6.60
	40	13.05	19.48	26.54	4.98	87		0.60	7.80
	50	13.00	19.49	26.57	5.01	87		0.71	7.80
	75	12.75	19.58	26.75	5.78	100		0.42	2.40
	90	12.40	19.56	26.78	5.55	96		0.54	3.40

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
1958 28.viii	0	14.20	19.59	26.46	6.26	112		0.32	
	10	14.10	19.59	26.48	6.19	111		0.35	0.80
	20	13.90	19.58	26.51	6.16	110		0.35	1.00
	30	13.65	19.58	26.56	6.06	107		0.40	2.20
	40	13.45	19.58	26.61	5.96	105		0.38	2.00
	50	13.10	19.58	26.68	5.83	102		0.36	2.00
	75	12.40	19.60	26.85	5.65	97		0.26	0.40
	90	12.40	19.60	26.85	6.22	107		0.34	1.00
2.ix	0	14.60	19.64	26.45	5.96	108		0.34	1.60
	10	14.50	19.64	26.47	4.90	88		0.36	2.00
	20	13.50	19.60	26.63	5.22	92		0.38	1.40
	30	13.35	19.60	26.65	6.22	109		0.22	1.80
	40	13.15	19.60	26.70	5.96	104		0.49	2.20
	50	13.10	19.60	26.71	6.00	105		0.41	2.00
	75	12.90	19.58	26.72	5.94	103		0.32	1.80
	90	12.80	19.57	26.72	5.84	102		0.43	2.00
8.ix	0	13.60	19.63	26.64	5.91	105		0.52	
	10	13.60	19.62	26.63	5.96	105		0.64	
	20	13.60	19.62	26.63	5.85	104		0.65	
	30	13.50	19.62	26.64	5.31	94		0.54	
	40	13.40	19.60	26.64	5.55	98		0.56	
	50	13.40	19.60	26.64	5.94	105		0.63	
	75	13.25	19.60	26.68	5.91	104		0.60	
	90	13.25	19.60	26.68	5.94	104		0.62	
23.ix	0	13.90	19.59	26.52	5.94	106		0.39	3.40
	10	13.75	19.58	26.54	5.85	104		0.48	4.00
	20	13.50	19.58	26.59	5.55	98		0.43	3.00
	30	13.20	19.57	26.64	5.90	103		0.54	2.20
	40	13.15	19.57	26.65	5.94	104		0.48	2.20
	50	13.15	19.57	26.65	5.90	103		0.43	2.00
	75	13.30	19.57	26.62	6.14	108		0.32	2.20
	90	13.15	19.57	26.65	6.00	105		0.42	1.80

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
1958 30.1x	0	14.35	19.62	26.47	5.41	97		0.37	1.53
	10	14.35	19.62	26.47	5.82	104		0.54	1.53
	20	14.30	19.62	26.48	5.89	106		0.50	0.71
	30	14.30	19.62	26.48	5.80	104		0.47	1.58
	40	13.75	19.57	26.52	5.95	105		0.44	2.32
	50	13.70	19.57	26.53	5.89	104		0.47	1.25
	75	13.15	19.55	26.62	5.95	104		0.43	1.53
	90	13.10	19.55	26.63	5.77	101		0.53	2.86
8.x	0	16.10	19.64	26.12	6.06	113		0.26	0
	10	15.60	19.63	26.22	6.10	112		0.34	0
	20	14.80	19.60	26.35	6.36	115		0.31	0
	30	14.50	19.59	26.40	6.51	117		0.35	1.28
	40	13.15	19.52	26.58	5.42	95		0.65	5.10
	50	12.80	19.50	26.62	5.10	89		0.74	7.60
	75	12.60	19.47	26.62	5.31	92		0.76	6.10
	90	12.70	19.47	26.61	5.07	88		0.76	5.60
14.x	0	17.80	19.67	25.75	5.48	105		0.13	
	10	17.60	19.67	25.80	5.48	105		0.19	
	20	17.60	19.67	25.80	5.48	105		0.21	
	30	17.20	19.67	25.90	5.36	102		0.15	
	40	17.70	19.62	25.71	5.87	112		0.28	
	50	13.95	19.53	26.43	5.19	92		0.52	
	75	13.30	19.50	26.52	5.07	89		0.66	
	90	13.00	19.50	26.58	4.95	86		0.64	
20.x	0	16.25	19.63	26.07	5.02	93		0.42	
	10	16.10	19.64	26.12	5.48	102		0.28	
	20	15.90	19.63	26.15	5.63	104		0.27	
	30	15.05	19.60	26.29	5.07	92		0.32	
	40	14.90	19.58	26.31	5.02	91		0.53	
	50	14.50	19.56	26.35	4.81	86		0.58	
	75	14.15	19.54	26.40	4.77	85		0.60	
	90	13.55	19.52	26.50	4.81	85		0.63	

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
1958 28.x	0	17.10	19.65	25.89	5.74	109		0.41	0.40
	10	17.00	19.65	25.92	5.66	107		0.32	0
	20	17.00	19.65	25.92	5.66	107		0.30	0.80
	30	17.00	19.66	25.93	5.60	106		0.32	0
	40	16.90	19.64	25.93	5.85	110		0.27	0
	50	16.90	19.64	25.93	5.83	110		0.40	0.40
	75	14.80	19.58	26.33	4.89	107		0.37	0
	90	15.50	19.63	26.23	5.55	102		0.37	0.40
3.xi	0	15.50	19.63	26.24	5.89	108		0.22	0
	10	15.25	19.63	26.30	5.89	108		0.22	0
	20	14.65	19.60	26.37	5.94	107		0.24	0
	30	13.95	19.57	26.47	5.94	106		0.28	0
	40	13.90	19.57	26.48	5.94	106		0.30	0
	50	13.95	19.57	26.47	5.96	106		0.32	0
	75	13.90	19.57	26.48	5.94	106		0.31	0
	90	13.90	19.57	26.48	5.96	106		0.27	0
11.xi	0	17.75	19.67	25.76	5.78	111		0.24	0
	10	17.65	19.67	25.79	5.75	110		0.35	0
	20	17.55	19.67	25.81	5.75	110		0.26	0.60
	30	17.20	19.65	25.86	5.75	109		0.26	0.60
	40	15.65	19.60	26.16	6.09	112		0.24	0.80
	50	14.40	19.54	26.34	5.39	97			3.60
	75	13.85	19.57	26.50	5.83	104		0.35	0.60
	90	13.50	19.57	26.50				0.43	0.90
18.xi	0	14.62	19.56	26.32	5.89	106		0.14	0
	10	14.55	19.55	26.33	5.94	107		0.17	0
	20	14.20	19.53	26.36	5.89	105		0.17	0
	30	14.20	19.53	26.36	5.83	104		0.21	0
	40	14.20	19.53	26.36	5.90	106		0.18	0
	50	14.22	19.54	26.37	5.90	106		0.16	0
	75	14.25	19.54	26.37	6.14	110		0.19	0
	90	14.25	19.54	26.37	5.89	105		0.19	0

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
1958 26.xi	0	18.80	19.67	25.50	5.65	111		0.23	
	10	18.75	19.67	25.51	5.55	109		0.32	
	20	18.65	19.67	25.54	5.55	108		0.22	
	30	17.60	19.65	25.77	5.61	107		0.26	
	40	17.00	19.64	25.91	5.47	102		0.35	
	50	15.70	19.61	26.17	4.93	91		0.52	
	75	14.50	19.55	26.33	4.96	89		0.53	
	90	13.50	19.55	26.54	5.37	95		0.39	
4.xii	0	20.35	19.70	25.14	5.39	108		0.27	
	10	20.30	19.70	25.15	5.42	109		0.19	
	20	17.00	19.60	25.85	5.45	103		0.25	
	30	15.75	19.60	26.14	5.02	92		0.37	
	40	14.30	19.60	26.23	5.14	94		0.42	
	50	14.50	19.58	26.38	4.96	91		0.45	
	75	13.70	19.58	26.55	4.86	86		0.42	
	100	13.65	19.58	26.56	5.45	96		0.42	
15.xii	0	19.45	19.72	25.40	5.38	107		0.18	
	10	19.35	19.72	25.43	5.38	107		0.19	
	20	19.35	19.72	25.43	5.41	107		0.17	
	30	19.05	19.69	25.47	5.41	106		0.19	
	40	17.80	19.62	25.67	5.45	105		0.15	
	50	16.10	19.59	26.06	5.24	97		0.30	
	75	14.15	19.58	26.47	5.24	94		0.32	
	90	14.15	19.58	26.47	5.24	94		0.38	
23.xii	0	20.75	19.74	25.10	5.14	104		0.19	
	10	20.75	19.74	25.10	5.21	105		0.20	
	20	20.70	19.72	25.08	5.21	105		0.22	
	30	18.90	19.67	25.48	5.38	105		0.29	
	40	17.60	19.63	25.75	5.19	99		0.31	
	50	16.65	19.58	25.91	4.19	79		0.48	
	75	14.70	19.57	26.31	4.22	76		0.61	
	90	13.80	19.53	26.46	4.15	74		1.25	

Station: EDEN

Latitude: 37°04' S. Longitude: 150°17' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 27.vii	20	12.95	19.61	26.75					
	30	13.00	19.61	26.74					
	40	12.80	19.61	26.78					
	50	12.65	19.60	26.80					
	60	12.40	19.60	26.85					
	70	12.30	19.60	26.87					
	80	12.15	19.60	26.90					
	100	12.05	19.60	26.92					

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
1958 7.i	0	19.20	19.70	25.43					
	10	19.20	19.70	25.43					
	20	19.20	19.69	25.42					
	30	18.40	19.68	25.61					
	40	17.60	19.68	25.80					
	50	17.20	19.67	25.89					
	75	16.20	19.64	26.08					
	100	15.40	19.64	26.27					
16.i	0	21.20	19.70	24.90					
	10	21.30	19.70	24.88					
	20	21.40	19.70	24.85					
	30	21.20	19.70	24.90					
	40	21.20	19.69	24.89					
	50	18.60	19.64	25.50					
	75	16.80	19.62	25.91					
	100	14.90	19.58	26.30					
23.i	0	20.80	19.72	25.04					
	10	20.60	19.72	25.10					
	20	20.60	19.72	25.10					
	30	20.65	19.72	25.08					
	40	20.60	19.72	25.10					
	50	18.40	19.65	25.57					
	75	16.95	19.66	25.94					
	100	15.70	19.65	26.22					
29.i	0	21.60	19.69	24.78					
	10	20.00	19.69	24.78					
	20	21.50	19.69	24.81					
	30	20.75	19.72	25.06					
	40	19.30	19.66	25.35					
	50	17.40	19.61	25.76					
	75	15.70	19.56	26.10					
	100	15.20	19.61	26.27					

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
1958 6.11	0	22.50	19.65	24.48					
	10	22.40	19.65	24.50					
	20	22.45	19.65	24.49					
	30	20.90	19.70	24.98					
	40	19.10	19.66	25.41					
	50	17.85	19.63	25.68					
	75	16.00	19.56	26.03					
	100	14.90	19.55	25.25					
13.11	0	22.30	19.63	24.50					
	10	22.10	19.63	24.56					
	20	21.30	19.63	24.78					
	30	20.70	19.57	24.86					
	40	18.70	19.64	25.48					
	50	17.30	19.60	25.77					
	75	15.40	19.56	26.16					
	100	14.50	19.53	26.31					
18.11	0	21.40	19.64	24.76					
	10	21.20	19.64	24.82					
	20	21.10	19.64	24.85					
	30	20.20	19.63	25.08					
	40	17.50	19.65	25.80					
	50	16.35	19.59	25.99					
	75	15.00	19.54	26.22					
	100	13.30	19.47	26.49					
25.11	0	22.90	19.64	24.34					
	10	21.50	19.66	24.77					
	20	21.40	19.69	24.84					
	30	21.35	19.69	24.85					
	40	21.40	19.69	24.84					
	50	20.65	19.67	25.01					
	75	16.60	19.59	25.93					
	100	15.00	19.54	26.22					

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
1958 4.111	0	24.00	19.64	24.02					
	10	23.75	19.64	24.09					
	20	23.90	19.64	24.05					
	30	22.70	19.64	24.40					
	40	20.90	19.64	24.90					
	50	18.30	19.64	25.58					
	75	16.00	19.58	26.06					
	100	15.00	19.55	26.23					
18.111	0	23.15	19.61	24.23					
	10	23.30	19.60	24.46					
	20	22.20	19.60	24.49					
	30	22.20	19.60	24.49					
	40	20.90	19.63	24.89					
	50	19.90	19.67	25.21					
	75	17.70	19.65	25.75					
	100	16.20	19.57	25.99					
23.111	0	22.60	19.54	24.30					
	10	22.40	19.54	24.35					
	20	22.40	19.54	24.35					
	30	22.40	19.54	24.35					
	40	21.50	19.58	24.66					
	50	18.60	19.57	25.41					
	75	14.50	19.51	26.28					
	100	12.75	19.43	26.54					
27.111	0	21.60	19.65	24.73					
	10	21.40	19.65	24.58					
	20	21.30	19.65	24.81					
	30	20.60	19.66	25.01					
	40	18.55	19.64	25.52					
	50	17.10	19.64	25.87					
	75	15.55	19.58	26.16					
	100	14.40	19.56	26.38					

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
1958 4.iv	0	21.00	19.67	24.92					
	10	20.80	19.68	24.98					
	20	20.60	19.68	25.04					
	30	20.20	19.68	25.14					
	40	18.50	19.68	25.58					
	50	18.35	19.67	25.61					
	75	18.25	19.66	25.62					
	100	17.80	19.65	25.72					
10.iv	0	22.70	19.67	24.44					
	10	22.70	19.67	24.44					
	20	19.30	19.67	25.37					
	30	18.40	19.67	25.60					
	40	18.20	19.67	25.65					
	50	18.30	19.67	25.62					
	75	17.50	19.64	25.78					
	100	17.20	19.63	25.84					
16.iv	0	18.80	19.69	25.53					
	10	18.70	19.69	25.55					
	20	18.50	19.69	25.60					
	30	18.45	19.69	25.62					
	40	18.50	19.69	25.60					
	50	18.50	19.69	25.60					
	75	18.55	19.69	25.64					
	100	18.00	19.69	25.73					
22.iv	0	21.00	19.68	24.93					
	10	21.00	19.67	24.92					
	20	20.90	19.67	24.94					
	30	20.80	19.67	24.97					
	40	20.95	19.67	24.93					
	50	20.65	19.67	25.01					
	75	19.60	19.67	25.29					
	100	18.50	19.66	25.55					

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
1958 29.iv	0	20.90	19.69	24.96					
	10	21.00	19.69	24.94					
	20	20.80	19.69	24.99					
	30	20.60	19.68	25.03					
	40	20.50	19.68	25.06					
	50	20.55	19.67	25.02					
	75	19.20	19.69	25.41					
	100	17.00	19.63	25.89					
6.v	0	17.60	19.71	25.85					
	10	17.70	19.71	25.82					
	20	17.40	19.71	25.89					
	30	17.40	19.71	25.89					
	40	17.30	19.71	25.92					
	50	17.60	19.71	25.85					
	75	17.40	19.71	25.89					
	100	17.40	19.71	25.89					
22.vii	0	15.25	19.66	26.33	5.89	108		0.41	9.45
	10	15.40	19.65	26.28	5.70	104		0.43	0
	20	15.20	19.65	26.33	5.25	96		0.48	0.30
	30	15.15	19.65	26.34	5.25	96		0.44	0.30
	40	15.10	19.66	26.36	5.89	107		0.63	0.30
	50	15.20	19.66	26.34	5.53	101		0.43	0.60
	75	13.80	19.59	26.55	5.18	92		0.54	2.11
	100	12.60	19.60	26.81	5.95	103		0.43	0
30.vii	0	17.35	19.67	25.86	5.73	109		0.51	0.40
	10	17.30	19.67	25.87	5.16	98		0.38	0.20
	20	17.10	19.67	25.92	5.42	103		0.41	0.20
	30	17.20	19.67	25.90	5.42	103		0.41	0.20
	40	17.15	19.67	25.91	4.80	91		0.41	0.20
	50	16.50	19.63	26.01	5.14	96		0.47	0.40
	75	15.10	19.63	26.32	5.35	97		0.39	0.80
	100	14.20	19.63	26.52	5.84	105		0.43	0.80

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
1958 4.viii	0	16.40	19.68	26.11	6.15	115		0.28	0.40
	10	16.35	19.68	26.12	5.25	98		0.44	0
	20	15.80	19.68	26.24	5.19	96		0.45	0.30
	30	14.60	19.64	26.45	5.39	97		0.45	7.40
	40	13.40	19.60	26.64	5.70	100		0.41	1.30
	50	13.15	19.58	26.67	4.89	86		0.42	0
	75	12.20	19.61	26.90	4.60	79		0.30	0.20
	100	12.15	19.61	26.91	5.30	91		0.43	0.20
11.viii	0	14.80	19.64	26.40	5.38	97		0.33	0.40
	10	14.45	19.62	26.44	5.67	102		0.45	1.20
	20	14.05	19.61	26.52	5.44	97		0.46	1.60
	30	13.80	19.59	26.54	5.63	100		0.50	2.40
	40	13.20	19.56	26.62	4.67	82		0.48	3.60
	50	12.95	19.54	26.64	5.47	95		0.63	4.40
	75	12.80	19.58	26.73	5.01	87		0.34	1.80
	100	12.55	19.62	26.84	5.73	99		0.20	0.60
19.viii	0	15.05	19.61	26.30	6.03	110		0.27	0.20
	10	15.00	19.61	26.31	6.03	109		0.34	0.20
	20	15.00	19.61	26.31	5.94	108		0.36	0.20
	30	14.80	19.61	26.36	5.58	101		0.36	2.00
	40	14.60	19.61	26.40	5.30	96		0.48	3.60
	50	14.40	19.57	26.39	5.02	90		0.58	4.80
	75	13.25	19.50	26.53	4.83	85		0.75	7.80
	100	13.00	19.56	26.66	5.60	98		0.48	2.80
28.viii	0	14.80	19.60	26.35	5.66	102		0.35	2.20
	10	14.80	19.61	26.36	5.85	106		0.34	1.60
	20	14.60	19.61	26.40	6.02	109		0.35	1.60
	30	14.70	19.61	26.39	5.75	104		0.35	1.60
	40	14.70	19.60	26.38	6.16	111		0.41	1.60
	50	14.60	19.59	26.38	6.00	108		0.32	2.20
	75	13.20	19.58	26.66	6.06	106		0.39	2.20
	100	12.60	19.58	26.77	6.06	105		0.39	2.60

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
1958 2.ix	0	13.40	19.59	26.63	5.70	100		0.40	1.80
	10	13.20	19.59	26.67	5.89	103		0.36	1.60
	20	13.15	19.59	26.69	6.04	106		0.37	1.60
	30	13.00	19.59	26.71	5.94	104		0.41	1.20
	40	13.00	19.59	26.71	5.89	103		0.36	1.80
	50	13.00	19.59	26.71	6.10	106		0.35	1.40
	75	12.75	19.57	26.73	6.24	108		0.38	1.40
	100	12.70	19.57	26.74	6.00	104		0.34	0.80
8.ix	0	15.70	19.69	26.28	5.39	99		0.46	
	10	15.70	19.68	26.27	4.27	79		0.44	
	20	14.40	19.63	26.48	5.42	97		0.54	
	30	14.20	19.63	26.52	5.57	100		0.46	
	40	13.95	19.62	26.55	5.30	94		0.53	
	50	13.80	19.62	26.59	5.60	99		0.46	
	75	13.10	19.60	26.71	5.57	97		0.40	
	100	12.90	19.59	26.73	5.26	92		0.45	
23.ix	0	13.65	19.58	26.56	5.90	104		0.45	1.20
	10	13.55	19.57	26.56	5.69	100		0.43	2.00
	20	13.50	19.57	26.58	5.94	105		0.40	2.40
	30	13.40	19.57	26.60	5.94	105		0.40	1.40
	40	13.40	19.55	26.57	5.90	104		0.52	2.60
	50	13.35	19.55	26.58	5.90	104		0.49	1.20
	75	13.15	19.55	26.62	5.83	102		0.49	2.60
	100	13.10	19.55	26.63	5.88	103		0.44	1.20
30.ix	0	14.80	19.64	26.40	5.92	107		0.48	0.89
	10	14.70	19.64	26.42	5.89	107		0.43	0.56
	20	14.70	19.63	26.41	5.85	106		0.44	1.35
	30	14.60	19.63	26.43	5.61	101		0.43	2.07
	40	14.55	19.63	26.44	5.80	105		0.43	1.61
	50	14.55	19.63	26.44	5.92	107		0.43	1.33
	75	12.50	19.55	26.74	5.61	97		0.60	4.28
	100	12.70	19.50	26.63	5.63	93		0.60	3.70

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
1958 8.x	0	17.75	19.69	25.79	5.63	108		0.45	0.48
	10	17.65	19.69	25.82	5.70	109		0.39	0.44
	20	17.70	19.69	25.81	5.67	109		0.38	0.64
	30	17.55	19.68	25.83	5.55	106		0.41	2.88
	40	17.05	19.66	25.92	5.73	109		0.53	1.32
	50	16.40	19.62	26.02	5.28	99		0.62	3.06
	75	14.20	19.57	26.43	5.28	95		0.65	3.12
	100	12.60	19.47	26.62	5.13	89		0.84	6.24
14.x	0	17.75	19.67	25.77	5.58	107		0.23	
	10	17.70	19.67	25.78	5.67	109		0.25	
	20	17.60	19.67	25.80	5.58	107		0.32	
	30	17.60	19.67	25.80	5.38	103		0.32	
	40	16.70	19.63	25.97	5.55	104		0.32	
	50	15.60	19.60	26.18	5.55	102		0.35	
	75	13.70	19.52	26.46	4.06	72		0.56	
	100	12.90	19.49	26.59	4.95	86		0.58	
20.x	0	17.20	19.66	25.88	5.55	105		0.38	
	10	17.10	19.66	25.91	5.52	105		0.42	
	20	17.05	19.66	25.92	5.58	106		0.39	
	30	17.00	19.66	25.93	5.60	106		0.34	
	40	16.90	19.66	25.96	5.60	106		0.41	
	50	16.70	19.64	25.97	5.60	105		0.42	
	75	15.20	19.58	26.22	5.27	96		0.62	
	100	14.55	19.57	26.36	5.45	98		0.65	
28.x	0	17.40	19.67	25.84	5.02	96		0.35	0
	10	17.30	19.66	25.85	5.30	101		0.18	0
	20	17.25	19.66	25.87	5.43	103		0.21	0
	30	17.25	19.65	25.86	5.45	104		0.19	0.40
	40	17.20	19.65	25.87	5.38	102		0.26	0
	50	17.20	19.65	25.87	5.42	103		0.27	0.80
	75	14.40	19.52	26.32	5.48	98		0.48	2.80
	100	13.50	19.56	26.56	5.73	101		0.34	0.60

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
1958 3.xi	0	15.90	19.64	26.16	5.07	94		0.21	0
	10	15.70	19.64	26.20	5.77	106		0.21	0
	20	15.40	19.63	26.25	5.75	105		0.23	0
	30	14.85	19.62	26.35	5.88	117		0.23	0.20
	40	13.75	19.58	26.53	6.00	106		0.28	0.20
	50	13.70	19.57	26.52	6.03	107		0.26	0
	75	13.60	19.57	26.54	5.74	102		0.22	0
	100	13.55	19.57	26.55	5.83	103		0.32	0.60
11.xi	0	17.80	19.67	25.75	5.70	109		0.29	0
	10	17.65	19.67	25.78	5.79	111		0.26	0
	20	17.50	19.67	25.82	5.79	110		0.27	0
	30	17.10	19.65	25.89	5.75	109		0.30	0.40
	40	15.75	19.62	26.16	6.00	111		0.34	0
	50	15.30	19.61	26.25	5.89	109		0.29	0.60
	75	13.55	19.53	26.50	5.57	98		0.44	3.20
	100	13.30	19.54	26.56	5.66	99		0.43	2.20
18.xi	0	17.70	19.68	25.79	5.35	102		0.23	0
	10	17.65	19.68	25.80	5.15	99		0.25	0
	20	17.60	19.68	25.81	5.60	107		0.24	0
	30	16.70	19.62	25.95	5.73	108		0.22	0
	40	15.80	19.58	26.11	5.73	106		0.24	0
	50	15.10	19.55	26.20	5.82	106		0.23	0
	75	14.85	19.55	26.25	5.48	99		0.27	0.20
	100	13.50	19.55	26.54	5.51	97		0.28	0.20
26.xi	0	19.25	19.67	25.39	5.55	110		0.19	
	10	18.40	19.67	25.60	5.66	110		0.34	
	20	18.30	19.67	25.63	5.65	109		0.23	
	30	17.30	19.65	25.84	5.34	102		0.32	
	40	16.32	19.62	26.04	5.05	94		0.45	
	50	15.80	19.60	26.13	5.14	95		0.49	
	75	14.45	19.55	26.34	4.96	89		0.49	
	100	13.50	19.55	26.54	5.26	93		0.51	

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
1958 4.xii	0	19.70	19.71	25.34	5.46	109		0.19	
	10	19.40	19.71	25.40	5.61	111		0.27	
	20	16.10	19.60	26.06	5.72	106		0.27	
	30	15.05	19.59	26.27	5.14	93		0.42	
	40	14.50	19.59	26.40	4.89	88		0.51	
	50	14.20	19.56	26.42	4.86	87		0.45	
	75	13.45	19.56	26.56	4.98	88		0.45	
	100	13.45	19.56	26.56	5.11	90		0.51	
15.xii	0	19.70	19.72	25.35	5.35	106		0.16	
	10	19.55	19.72	25.38	5.35	106		0.13	
	20	19.10	19.72	25.49	5.45	107		0.26	
	30	18.70	19.70	25.57	5.45	107		0.23	
	40	18.45	19.69	25.62	5.27	103		0.22	
	50	17.05	19.61	25.85	4.43	84		0.48	
	75	14.65	19.57	26.33	4.95	89		0.49	
	100	14.25	19.57	26.41	5.07	91		0.43	
23.xii	0	21.30	19.77	24.97	4.89	100		0.22	
	10	21.20	19.75	24.97	5.24	107		0.29	
	20	21.15	19.75	24.99	5.24	107		0.26	
	30	20.95	19.74	25.04	5.21	106		0.21	
	40	17.50	19.60	25.73	4.15	79		0.50	
	50	16.55	19.60	25.96	5.34	84		0.53	
	75	15.25	19.59	26.24	4.46	81		0.51	
	100	13.60	19.52	26.64	4.52	80		0.57	

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
1958 7.1	0	19.20	19.70	25.43					
	25	18.90	19.70	25.51					
	50	18.40	19.67	25.60					
	75	16.30	19.64	26.06					
	100	15.40	19.63	26.26					
	110	-	19.63	-					
	135	15.10	19.62	26.30					
	160	14.70	19.61	26.38					
	185	14.20	19.59	26.46					
16.1	0	21.10	19.70	24.93					
	25	21.05	19.70	24.94					
	50	19.50	19.66	25.30					
	75	18.00	19.62	25.62					
	100	15.80	19.54	26.04					
	125	14.90	19.53	26.22					
	150	15.00	19.59	26.29					
	175	14.40	19.53	26.33					
	200	14.10	19.53	26.40					
23.1	0	20.95	19.72	25.00					
	25	20.65	19.72	25.08					
	50	20.50	19.72	25.12					
	75	17.95	19.63	25.66					
	100	15.80	19.64	26.18					
	125	15.30	19.64	26.29					
	150	14.80	19.64	26.40					
	175	14.70	19.64	26.42					
	200	14.55	19.62	26.42					

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
1958 29.i	0	23.40	19.59	24.14					
	25	21.10	19.71	24.95					
	50	17.45	19.62	25.76					
	75	16.10	19.62	26.08					
	100	15.00	19.55	26.23					
	125	14.55	19.54	26.32					
	150	14.00	19.50	26.38					
	175	13.40	19.46	26.45					
	200	12.90	19.45	26.54					
6.ii	0	21.45	19.71	24.85					
	25	21.10	19.71	24.95					
	50	19.00	19.71	25.51					
	75	18.30	19.71	25.68					
	100	17.00	19.62	25.87					
	125	15.60	19.58	26.15					
	150	14.95	19.55	26.24					
	175	14.35	19.51	26.32					
	200	14.10	19.50	26.36					
13.ii	0	23.10	19.57	24.19					
	25	22.50	19.61	24.42					
	50	16.70	19.58	25.89					
	75	15.40	19.53	26.11					
	100	14.85	19.52	26.23					
	125	14.00	19.51	26.39					
	150	13.80	19.55	26.49					
	175	13.60	19.54	26.52					
	200	13.25	19.52	26.57					

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
1958 18.11	0	21.60	19.64	24.71					
	25	20.60	19.63	24.97					
	50	16.40	19.57	25.94					
	75	14.70	19.54	26.29					
	100	14.00	19.51	26.39					
	125	11.30	19.34	26.69					
	150	10.80	19.30	26.73					
	175	10.70	19.29	26.73					
	200	10.60	19.28	26.73					
25.11	0	21.45	19.69	24.82					
	25	21.20	19.69	24.89					
	50	19.20	19.67	25.39					
	75	17.60	19.64	25.75					
	100	16.05	19.58	26.05					
	125	14.55	19.48	26.23					
	150	14.40	19.54	26.35					
	175	13.70	19.45	26.38					
	200	13.40	19.45	26.44					
4.111	0	24.15	19.64	23.98					
	25	23.90	19.64	24.05					
	50	18.85	19.64	25.44					
	75	16.60	19.58	25.92					
	100	15.95	19.56	26.04					
	125	15.50	19.58	26.17					
	150	14.50	19.54	26.33					
	175	14.30	19.54	26.37					
	200	13.80	19.52	26.45					

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
1958 18.111	0	23.75	19.62	24.06					
	25	23.15	19.62	24.24					
	50	19.30	19.68	25.38					
	75	17.80	19.65	25.72					
	100	16.50	19.60	25.96					
	125	15.30	19.57	26.20					
	150	14.00	19.51	26.39					
	175	13.20	19.47	26.51					
	200	12.30	19.41	26.60					
23.111	0	23.10	19.55	24.16					
	25	22.80	19.54	24.23					
	50	18.85	19.64	25.43					
	75	17.50	19.62	25.75					
	100	14.15	19.49	26.32					
	125	13.70	19.54	26.48					
	150	13.60	19.53	26.49					
	175	13.15	19.49	26.53					
	200	12.70	19.44	26.56					
27.111	0	22.60	19.61	24.39					
	25	19.90	19.67	25.21					
	50	17.95	19.66	25.70					
	75	16.00	19.61	26.09					
	100	15.25	19.61	26.26					
	125	14.60	19.58	26.37					
	150	14.30	19.56	26.40					
	175	14.20	19.56	26.42					
	200	13.70	19.55	26.51					

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
1958 4.iv	0	22.50	19.67	24.50					
	25	20.65	19.66	25.00					
	50	18.30	19.63	25.57					
	75	16.00	19.58	26.06					
	100	14.80	19.56	26.30					
	125	14.70	19.55	26.30					
	150	14.40	19.54	26.35					
	175	13.40	19.49	26.50					
	200	12.70	19.44	26.56					
10.iv	0	22.70	19.67	24.44					
	25	21.60	19.67	24.75					
	50	18.40	19.66	25.58					
	75	17.70	19.64	25.73					
	100	16.10	19.59	26.04					
	125	15.10	19.54	26.20					
	150	14.20	19.51	26.35					
	175	13.10	19.45	26.50					
200	12.50	19.42	26.57						
16.iv	0	22.20	19.70	24.62					
	25	19.95	19.68	25.21					
	50	19.20	19.68	25.40					
	75	18.70	19.68	25.53					
	100	18.10	19.68	25.68					
	125	18.10	19.68	25.68					
	150	17.55	19.66	25.79					
	175	16.25	19.62	26.04					
200	14.80	19.55	26.28						

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
1958 22.iv	0	22.30	19.69	24.58					
	25	21.70	19.69	24.75					
	50	20.70	19.68	25.01					
	75	20.40	19.67	25.07					
	100	19.70	19.66	25.24					
	125	19.60	19.65	25.27					
	150	19.00	19.65	25.41					
	175	18.30	19.62	25.55					
	200	17.00	19.60	25.84					
29.iv	0	20.70	19.69	25.02					
	25	20.70	19.69	25.02					
	50	20.80	19.69	24.99					
	75	19.50	19.69	25.35					
	100	18.60	19.67	25.53					
	125	18.00	19.66	25.67					
	150	16.80	19.61	25.91					
	175	15.00	19.56	26.24					
	200	13.70	19.49	26.42					
6.v	0	21.20	19.72	24.92					
	25	18.40	19.70	25.64					
	50	18.20	19.69	25.68					
	75	17.65	19.69	25.81					
	100	17.50	19.70	25.86					
	125	17.50	19.68	25.82					
	150	17.55	19.68	25.83					
	175	17.40	19.68	25.86					
	200	17.35	19.68	25.88					

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
1958									
22.vii	0	15.40	19.65	26.29	5.17	95		0.54	0.36
	25	15.15	19.64	26.32	3.22	59		0.43	0.30
	50	14.80	19.61	26.36	4.71	85		0.49	1.13
	75	13.80	19.54	26.47	5.17	92		0.65	2.83
	100	13.80	19.51	26.43				0.63	3.48
	125	12.80	19.53	26.66	4.88	85		0.65	2.14
	150	13.00	19.55	26.65	4.71	82		0.63	1.31
	175	12.90	19.58	26.72	4.48	78		0.57	0.71
	200	12.90	19.55	26.68	5.82	101		0.52	0
30.vii	0	17.05	19.66	25.91	5.35	101		0.68	1.20
	25	17.15	19.66	25.89	4.69	89		0.51	8.20
	50	16.30	19.65	26.09	4.38	82		0.50	3.80
	75	15.40	19.60	26.22	3.83	70		0.49	5.60
	100	15.15	19.60	26.37	2.81	51		0.56	3.60
	125	14.70	19.57	26.32	4.32	78		0.52	3.40
	150	14.20	19.56	26.41	4.32	77		0.60	2.00
	175	13.50	19.58	26.53	5.25	93		0.43	0
	200	13.40	19.60	26.64	5.70	100		0.50	0
4.viii	0	16.55	19.68	26.07	4.52	85		0.32	0.60
	25	16.60	19.66	26.03	4.16	78		0.30	0.30
	50	16.30	19.66	25.99	4.19	78		0.30	0.20
	75	15.10	19.58	26.25	4.52	82		0.39	2.60
	100	14.00	19.58	26.49	5.25	94		0.33	2.70
	125	13.10	19.62	26.74	5.89	103		0.39	1.00
	150	12.85	19.60	26.75	5.76	100		0.33	0.30
	175	12.75	19.60	26.77	5.14	89		0.33	0.20
	200	12.70	19.60	26.79	3.33	58		0.33	0.20

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
1958 11.viii	0	16.30	19.67	26.11	5.85	109		0.31	1.80
	25	15.45	19.66	26.28	5.40	99		0.25	1.00
	50	15.00	19.66	26.38	6.03	109		1.01	1.40
	75	14.30	19.63	26.49	6.03	108		0.34	2.20
	100	13.70	19.58	26.55	5.76	102		0.36	2.80
	125	12.30	19.48	26.69	4.76	82		0.67	5.20
	150	12.25	19.48	26.70	5.31	91		0.71	5.60
	175	12.10	19.48	26.73	5.60	96		0.64	6.60
	200	12.05	19.45	26.70	5.53	95		0.59	5.80
19.viii	0	15.90	19.66	26.19	5.74	106		0.30	0.60
	25	15.80	19.66	26.21	5.76	106		0.40	0.60
	50	15.65	19.66	26.24	4.43	82		0.40	1.20
	75	15.30	19.65	26.30	5.15	94		0.60	2.60
	100	15.05	19.63	26.32	5.45	99		0.46	2.40
	125	14.40	19.58	26.41	5.30	95		0.48	5.00
	150	14.00	19.57	26.45	5.19	93		0.60	6.60
	175	13.40	19.57	26.60	4.60	81		0.63	5.20
	200	12.90	19.54	26.66	4.35	76		0.63	6.00
28.viii	0	15.00	19.63	26.34	6.13	111		0.50	3.80
	25	14.95	19.63	26.36	5.96	108		0.34	2.60
	50	14.90	19.63	26.37	5.44	99		0.52	2.80
	75	14.90	19.63	26.37	5.85	106		0.45	3.60
	100	14.70	19.60	26.37	5.74	104		0.39	4.40
	125	13.30	19.51	26.53	5.44	95		0.62	5.60
	150	13.00	19.51	26.59	5.57	97		0.52	9.20
	175	12.30	19.43	26.62	5.30	91		0.62	7.20
	200	12.40	19.50	26.70	5.57	96		0.50	8.00

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
1958 2.ix	0	14.95	19.64	26.37	5.96	108		0.41	1.80
	25	14.60	19.64	26.44	5.59	101		0.41	1.40
	50	13.25	19.59	26.66	6.06	106		0.34	1.20
	75	12.90	19.57	26.70	5.75	100		0.36	1.80
	100	12.30	19.54	26.77	5.49	94		0.57	6.20
	125	12.00	19.50	26.78	5.39	92		0.56	6.80
	150	12.05	19.51	26.78	5.46	93		0.50	5.20
	175	12.05	19.53	26.81	5.49	94		0.52	5.00
	200	12.05	19.53	26.81	5.52	94		0.50	3.60
8.ix	0	14.40	19.63	26.47	5.87	105		0.47	
	25	13.75	19.62	26.59	5.76	102		0.46	
	50	13.00	19.51	26.59	5.18	90		0.56	
	75	12.15	19.45	26.68	4.98	85		0.68	
	100	12.45	19.58	26.80	5.87	101		0.55	
	125	12.55	19.58	26.78	5.76	100		0.55	
	150	12.60	19.58	26.78	5.79	100		0.54	
	175	12.50	19.59	26.81	5.66	98		0.47	
	200	12.40	19.59	26.83	5.85	101		0.52	
23.ix	0	14.30	19.59	26.44	5.76	103		0.43	2.20
	25	13.65	19.57	26.54	5.76	102		0.51	3.40
	50	13.15	19.55	26.62	5.85	102		0.49	2.80
	75	13.05	19.55	26.64	5.83	102		0.44	2.40
	100	12.90	19.54	26.66	5.83	102		0.52	1.20
	125	12.90	19.54	26.66	5.85	102		0.52	1.40
	150	12.95	19.54	26.64	5.79	101		0.53	1.60
	175	12.70	19.54	26.70	5.72	99		0.53	2.60
	200	11.70	19.46	26.78	5.31	90		0.69	7.20

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
1958 30.ix	0	15.50	19.64	26.24	5.67	104		0.49	0.64
	25	15.50	19.64	26.24	5.74	106		0.52	0.77
	50	15.10	19.64	26.33	5.83	106		0.44	1.35
	75	14.75	19.63	26.40	6.01	109		0.51	1.30
	100	13.50	19.55	26.54	5.57	98		0.66	3.09
	125	13.50	19.53	26.52	5.67	100		0.87	3.57
	150	12.50	19.45	26.61	5.17	89		0.91	3.57
	175	12.40	19.45	26.63	5.20	90		0.76	6.12
	200	12.40	19.48	26.67	5.41	93		0.76	6.12
8.x	0	18.15	19.71	25.72	5.61	109		0.54	0.50
	25	18.15	19.71	25.72	5.55	107		0.43	0.50
	50	17.50	19.68	25.84	5.25	100		0.65	1.78
	75	16.50	19.63	26.01	5.13	96		0.65	4.64
	100	15.60	19.60	26.17	5.13	94		0.67	4.02
	125	15.00	19.60	26.30	5.31	96		0.76	4.08
	150	14.60	19.58	26.36	5.48	99		0.80	4.80
	175	14.05	19.58	26.48	5.33	95		0.76	5.66
	200	13.45	19.54	26.54	5.25	92		0.89	5.48
14.x	0	18.10	19.67	25.67	5.33	103		-	
	25	17.90	19.67	25.73	5.55	107		0.31	
	50	17.75	19.67	25.77	5.33	102		0.26	
	75	15.70	19.61	26.17	5.19	96		0.49	
	100	15.40	19.61	26.23	5.22	96		0.49	
	125	14.30	19.55	26.38	5.02	90		0.54	
	150	14.00	19.54	26.43	5.25	93		0.56	
	175	13.50	19.52	26.51	5.04	89		0.56	
	200	13.20	19.50	26.54	5.10	89		0.76	

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
1958 20.x	0	17.45	19.68	25.85	5.45	104		0.40	
	25	17.30	19.68	25.88	5.63	107		0.40	
	50	17.10	19.68	25.93	4.62	88		0.41	
	75	17.05	19.66	25.92	5.42	103		0.43	
	100	17.10	19.66	25.91	5.52	105		0.40	
	125	17.00	19.66	25.93	5.39	102		0.45	
	150	17.05	19.66	25.92	5.45	103		0.40	
	175	16.50	19.64	26.02	5.30	99		0.54	
	200	15.30	19.61	26.24	5.55	101		0.58	
28.x	0	17.55	19.66	25.79	5.55	106		0.27	0
	25	17.50	19.66	25.81	5.66	108		0.38	1.00
	50	16.90	19.64	25.93	4.60	87		0.43	3.20
	75	15.00	19.55	26.22	4.84	88		0.57	6.20
	100	14.10	19.50	26.36	4.84	86		0.58	3.80
	125	13.90	19.52	26.42	5.25	93		0.49	0.20
	150	13.55	19.56	26.55	5.89	104		0.34	0.80
	175	13.20	19.57	26.64	5.94	104		0.40	0.40
	200	13.20	19.57	26.64	6.06	106		0.40	0
3.xi	0	15.90	19.64	26.14	5.85	108		0.23	0
	25	15.30	19.62	26.26	5.94	109		0.25	0
	50	13.85	19.60	26.55	5.96	106		0.25	0
	75	13.70	19.60	26.57	5.91	105		0.30	0
	100	13.15	19.60	26.69	6.00	105		0.32	0.20
	125	13.05	19.60	26.71	5.89	103		0.34	0
	150	13.05	19.59	26.70	5.94	104		0.36	0
	175	13.00	19.59	26.71	5.89	103		0.36	0
	200	13.00	19.59	26.71	5.91	103		0.36	0.20

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
1958 11.xi	0	17.45	19.64	25.79	5.83	111		0.26	0
	25	17.25	19.64	25.84	5.80	110		0.34	0
	50	16.75	19.64	25.96	5.89	111		0.27	0.40
	75	14.80	19.57	26.30	5.07	92		0.51	3.20
	100	13.50	19.49	26.45	5.02	89		0.67	7.40
	125	12.95	19.43	26.49	4.90	85		0.65	9.20
	150	13.50	19.57	26.56	5.85	103		0.21	0.40
	175	13.35	19.57	26.60	6.00	105		0.39	0
	200	13.25	19.57	26.63	6.00	105		0.44	0.40
18.xi	0	17.80	19.68	25.76	5.55	107		0.22	0
	25	17.62	19.68	25.80	5.58	107		0.21	0
	50	16.95	19.66	25.94	5.35	101		0.29	0.20
	75	15.55	19.59	26.16	5.60	103		0.36	3.80
	100	14.20	19.55	26.39	5.82	104		0.30	0
	125	13.50	19.55	26.54	5.89	104		0.30	0.60
	150	13.40	19.55	26.56	5.75	101		0.35	0.40
	175	13.40	19.55	26.56	5.80	102		0.30	0.80
	200	13.25	19.55	26.60	5.82	102		0.31	0.40
26.xi	0	19.55	19.67	25.35	5.52	110		0.36	
	25	19.15	19.67	25.41	5.55	109		0.25	
	50	16.00	19.62	26.11	5.11	95		0.48	
	75	14.65	19.55	26.30	4.90	88		0.66	
	100	13.80	19.53	26.45	5.11	91		0.58	
	125	13.30	19.51	26.53	5.01	88		0.56	
	150	12.80	19.47	26.59	5.14	89		0.55	
	175	12.50	19.45	26.61	5.11	88		0.65	
	200	12.50	19.45	26.61	5.24	90		0.75	

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
1958 4.xii	0	20.50	19.70	25.16	5.48	110		0.31	
	25	20.25	19.68	25.14	5.25	105		0.32	
	50	20.10	19.66	25.15	5.44	109		0.23	
	75	16.75	19.63	25.95	5.74	108		0.26	
	100	15.00	19.58	26.26	4.99	91		0.53	
	125	14.10	19.58	26.46	4.83	86		0.52	
	150	13.70	19.57	26.54	5.02	89		0.52	
	175	13.20	19.54	26.60	4.94	87		0.48	
	200	13.00	19.54	26.64	5.14	90		0.60	
15.xii	0	19.60	19.72	25.38	5.30	105		0.21	
	25	18.40	19.69	25.64	5.35	104		0.26	
	50	16.50	19.67	26.07	5.01	94		0.31	
	75	14.85	19.57	26.30	4.77	86		0.43	
	100	14.20	19.56	26.41	5.24	94		0.30	
	125	14.10	19.56	26.44	5.35	96		0.32	
	150	13.85	19.55	26.48	5.24	93		0.40	
	175	13.50	19.53	26.52	5.07	89		0.44	
	200	13.50	19.67	26.71	5.07	89		0.34	
23.xii	0	22.10	19.80	24.80	4.95	103		0.26	
	25	20.90	19.73	25.04	5.19	105		0.23	
	50	16.70	19.58	25.90	4.40	83		0.45	
	75	14.90	19.56	26.25	4.43	80		0.58	
	100	14.60	19.57	26.34	4.18	75		0.61	
	125	14.15	19.53	26.37	4.59	82		0.61	
	150	13.45	19.48	26.45	4.15	73		0.60	
	175	12.95	19.47	26.54	4.83	84		0.65	
	200	12.80	19.51	26.64	5.14	89		0.63	

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
1958 7.1	0	19.80	19.70	25.28					
	25	19.70	19.70	25.31					
	50	18.40	19.67	25.60					
	75	16.20	19.64	26.08					
	100	15.50	19.64	26.24					
	150	14.80	19.63	26.39					
	200	13.80	19.54	26.48					
	300	11.50	19.37	26.70					
	500	8.60	19.18	26.93					
16.1	0	20.70	19.70	25.04					
	25	20.60	19.70	25.07					
	50	20.00	19.70	25.23					
	75	17.20	19.58	25.78					
	100	15.10	19.49	26.13					
	150	14.20	19.51	26.35					
	200	13.40	19.47	26.47					
	300	12.40	19.41	26.58					
	500	9.60	19.23	26.84					
23.1	0	21.30	19.73	24.92					
	25	20.90	19.72	25.01					
	50	20.10	19.71	25.22					
	75	17.60	19.62	25.72					
	100	16.25	19.57	25.98					
	150	14.75	19.59	26.35					
	200	13.40	19.45	26.44					
	300	11.80	19.37	26.64					
	500	9.35	19.21	26.85					

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
1958 13.11	0	23.30	19.56	24.12					
	25	23.10	19.55	24.16					
	50	17.20	19.61	25.81					
	75	15.60	19.56	26.12					
	100	15.00	19.55	26.23					
	150	13.60	19.50	26.46					
	200	12.60	19.44	26.58					
	300	10.90	19.32	26.74					
	500	8.60	19.18	26.92					
18.11	0	21.40	19.61	24.72					
	25	21.25	19.60	24.75					
	50	17.90	19.60	25.63					
	75	15.20	19.54	26.18					
	100	14.00	19.50	26.38					
	150	13.20	19.45	26.48					
	200	12.00	19.37	26.60					
	300	10.80	19.31	26.74					
	500	8.00	19.15	26.98					
25.11	0	23.40	19.63	24.19					
	25	21.35	19.67	24.82					
	50	18.95	19.68	25.47					
	75	17.80	19.65	25.72					
	100	16.25	19.58	26.00					
	150	14.90	19.53	26.22					
	200	13.55	19.47	26.43					
	300	12.00	19.38	26.62					
	500	9.10	19.20	26.87					

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
1958 4.111	0	24.40	19.64	23.90					
	25	22.80	19.65	24.39					
	50	19.10	19.65	25.40					
	75	16.90	19.58	25.85					
	100	15.85	19.55	26.04					
	150	14.60	19.49	26.24					
	200	13.75	19.49	26.42					
	300	11.90	19.36	26.61					
	500	9.00	19.20	26.89					
18.111	0	23.70	19.62	24.08					
	25	22.30	19.64	24.51					
	50	20.30	19.69	25.14					
	75	18.00	19.67	25.70					
	100	17.00	19.63	25.89					
	150	14.70	19.55	26.30					
	200	13.50	19.48	26.45					
	300	11.40	19.34	26.67					
	500	8.70	19.18	26.91					
23.111	0	23.60	19.58	24.07					
	25	23.10	19.58	24.21					
	50	18.80	19.66	25.48					
	75	17.30	19.62	25.79					
	100	16.00	19.57	26.04					
	150	13.70	19.48	26.41					
	200	12.35	19.41	26.59					
	300	11.00	19.32	26.72					
	500	8.60	19.17	26.91					

Station: **EDEX**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
1958 27.111	0	22.60	19.59	24.37					
	25	19.80	19.69	25.27					
	50	18.00	19.68	25.71					
	75	16.10	19.62	26.08					
	100	14.95	19.60	26.32					
	150	13.90	19.54	26.46					
	200	13.60	19.54	26.52					
	300	11.50	19.39	26.72					
	500	8.60	19.20	26.95					
4.1v	0	22.80	19.55	24.25					
	25	22.00	19.55	24.48					
	50	19.50	19.55	25.15					
	75	16.90	19.61	25.88					
	100	14.60	19.54	26.31					
	150	13.40	19.48	26.48					
	200	12.60	19.44	26.58					
	300	10.80	19.32	26.75					
	500	8.50	19.17	26.93					
10.1v	0	22.00	19.67	24.65					
	25	21.60	19.64	24.71					
	50	19.50	19.67	25.34					
	75	18.40	19.66	25.58					
	100	15.50	19.55	26.11					
	150	13.40	19.48	26.47					
	200	12.30	19.39	26.56					
	300	10.25	19.26	26.76					
	500	8.10	19.14	26.94					

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
1958 22.iv	0	22.45	19.70	24.56					
	25	22.40	19.69	24.55					
	50	22.40	19.69	24.55					
	75	22.35	19.69	24.57					
	100	20.80	19.67	24.82					
	150	19.50	19.69	25.35					
	200	18.10	19.65	25.51					
	300	14.20	19.49	26.33					
	500	9.55	19.22	26.83					
6.v	0	21.25	19.73	24.93					
	25	20.60	19.72	25.08					
	50	18.85	19.70	25.53					
	75	18.15	19.69	25.68					
	100	18.00	19.69	25.71					
	150	17.20	19.66	25.88					
	200	17.10	19.65	25.89					
	300	16.00	19.59	26.08					
	500	12.50	19.44	26.60					
22.vii	0	15.20	19.65	26.33	5.82	106		0.43	5.06
	50	15.05	19.65	26.36	5.64	103		0.44	11.01
	100	15.00	19.67	26.40	5.80	105		0.48	0.54
	200	12.90	19.48	26.57	5.29	92		0.66	4.76
	300	11.05	19.34	26.74	4.82	80		0.90	8.03
	500	9.20	19.20	26.86	5.01	80		1.06	10.41

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
1958 4.viii	0	16.85	19.68	26.00	4.60	87		0.33	0.50
	25	16.70	19.68	26.05	5.14	97		0.24	0.60
	50	15.85	19.65	26.24	5.30	98		0.30	1.00
	75	15.10	19.65	26.35	5.35	97		0.36	1.30
	100	14.95	19.65	26.39	4.71	85		0.36	1.00
	150	13.55	19.56	26.55	5.14	91		0.50	3.30
	200	12.95	19.56	26.67	4.60	80		0.46	0.60
	300	12.50	19.56	26.76	4.46	77		0.45	1.10
	500	12.40	19.62	26.87	5.84	101			0.20
11.viii	0	16.70	19.67	26.02	5.40	102		0.45	1.60
	25	16.55	19.67	26.05	5.57	105		0.37	1.00
	50	16.45	19.67	26.08	5.35	100		0.28	1.40
	75	15.80	19.66	26.21	4.62	85		0.36	1.20
	100	15.30	19.66	26.32	5.53	101		0.36	2.00
	150	14.15	19.60	26.49	5.79	104		0.46	1.80
	200	12.80	19.51	26.63	5.35	93		0.55	0.20
	300	11.60	19.40	26.72	5.14	87		0.67	0.80
	500	12.35	19.62	26.88	6.03	104		0.40	0
19.viii	0	15.60	19.67	26.27	5.73	106		0.40	0.60
	25	15.60	19.67	26.27	5.89	108		0.36	0.80
	50	15.50	19.67	26.29	5.60	103		0.36	0.60
	75	15.30	19.65	26.30	5.48	100		0.43	2.00
	100	15.00	19.64	26.35	5.33	97		0.48	3.00
	150	14.20	19.56	26.42	5.19	93		0.59	3.60
	200	12.90	19.46	26.54	4.71	82		0.75	5.00
	300	11.30	19.36	26.72	4.49	75		0.88	6.60
	500	9.20	19.21	26.87	4.65	74		1.16	

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
1958 2.ix	0	15.10	19.64	26.34	5.72	104		0.38	2.20
	25	15.00	19.64	26.36	5.77	105		0.34	1.80
	50	14.95	19.64	26.37	5.86	106		0.35	1.80
	75	14.90	19.64	26.39	5.75	104		0.38	2.00
	100	14.95	19.64	26.37	5.80	105		0.35	2.40
	150	13.40	19.58	26.61	5.54	98		0.41	4.00
	200	13.60	19.64	26.66	5.80	103		0.41	2.60
	300	12.35	19.48	26.69	5.43	93		0.54	7.40
	500	11.60	19.54	26.91	5.66	96		0.45	4.40
8.ix	0	15.15	19.67	26.36	4.81	88		0.48	
	25	14.40	19.64	26.49	5.60	101		0.46	
	50	14.05	19.63	26.54	5.71	102		0.44	
	75	14.00	19.63	26.56	5.74	102		0.46	
	100	13.30	19.52	26.54	5.66	99		0.47	
	150	11.60	19.43	26.76				0.78	
	200	12.60	19.58	26.78	5.68	98		0.57	
	300	11.95	19.54	26.85	4.66	80		0.63	
	500	12.00	19.59	26.92	4.27	73		0.57	
23.ix	0	14.50	19.59	26.40	5.74	103		0.52	2.60
	25	14.25	19.59	26.45	5.72	103		0.55	2.40
	50	14.20	19.59	26.46	5.66	101		0.55	2.60
	75	14.20	19.58	26.45	5.60	100		0.58	3.00
	100	14.20	19.58	26.45	5.36	96		0.56	3.00
	150	13.20	19.53	26.58	5.31	93		0.64	4.80
	200	12.15	19.43	26.66	5.02	86		0.80	7.40
	300	12.10	19.50	26.76	5.55	95		0.65	7.20
	500	10.70	19.37	26.85	5.30	88		0.78	8.60

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
1958 30.1x	0	16.30	19.66	26.10	5.61	105		0.57	2.42
	25	16.30	19.66	26.10	5.61	105		0.45	0.89
	50	15.90	19.65	26.17	5.36	99		0.54	0.89
	75	15.30	19.63	26.27	5.02	92		0.63	2.70
	100	14.85	19.61	26.34	5.23	95		0.62	2.60
	150	13.70	19.57	26.53	5.38	95		0.65	3.37
	200	13.10	19.53	26.60	5.41	95		0.64	3.77
	300	11.30	19.35	26.71	4.30	72		0.99	7.65
	500	10.10	19.30	26.85	4.88	80		0.92	7.52
8.x	0	18.10	19.70	25.72	5.80	112		0.61	0.64
	25	18.10	19.70	25.72	5.52	107		0.57	1.32
	50	18.00	19.70	25.74	5.28	102		0.61	0.97
	75	17.70	19.69	25.80	5.31	102		0.57	1.58
	100	17.00	19.64	25.91	4.66	88		0.77	4.46
	150	15.00	19.55	26.22	4.55	82		0.87	6.98
	200	14.00	19.48	26.35	4.57	81		0.92	8.02
	300	13.00	19.48	26.56	5.68	99		0.92	5.34
	500	10.55	19.33	26.82	5.07	84		1.03	
14.x	0	18.05	19.67	25.68	5.67	109		0.30	
	25	17.75	19.67	25.76	5.61	107		0.34	
	50	17.70	19.67	25.77	5.67	109		0.64	
	75	16.50	19.63	26.01	5.03	94		0.49	
	100	16.15	19.65	26.12	5.34	99		0.53	
	150	14.50	19.56	26.35	5.04	90		0.53	
	200	13.70	19.51	26.45	4.77	84		0.66	
	300	12.75	19.46	26.58	4.95	86		0.65	
	500	10.10	19.28	26.83	4.71	77		0.87	

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
1958 20.x	0	19.35	19.70	25.41	5.58	110		0.31	
	25	19.10	19.70	25.47	4.72	93		0.37	
	50	18.10	19.68	25.69	5.22	101		0.47	
	75	17.50	19.66	25.81	4.99	95		0.53	
	100	16.90	19.63	25.92	4.83	91		0.54	
	150	15.70	19.63	26.19	5.24	97		0.69	
	200	14.60	19.56	26.33	4.87	88		0.68	
	300	13.10	19.47	26.52	4.93	86		0.83	
	500	10.10	19.25	26.78	4.52	74		1.02	
28.x	0	17.30	19.65	25.84	5.35	102		0.22	0
	25	17.30	19.65	25.84	5.14	98		0.43	0
	50	15.80	19.60	26.13	3.94	73		0.48	3.80
	75	14.90	19.55	26.25	4.60	83		0.75	7.40
	100	14.60	19.55	26.32	4.65	84		0.76	2.60
	150	13.80	19.50	26.42	4.95	88		0.71	6.40
	200	13.60	19.54	26.51	5.35	95		0.52	2.80
	300	12.80	19.53	26.66	5.19	90		0.54	3.20
500	10.10	19.25	26.78	4.52	74		0.99		
3.xi	0	17.60	19.67	25.80	5.51	105		0.38	0
	25	17.10	19.67	25.92	4.84	92		0.35	0
	50	16.50	19.63	26.01	4.99	93		0.44	1.80
	75	14.80	19.56	26.28	4.40	80		0.53	2.00
	100	14.70	19.58	26.33	5.07	92		0.38	0.80
	150	13.75	19.58	26.54	5.48	97		0.34	1.60
	200	13.40	19.58	26.61	5.80	102		0.27	0.60
	300	12.95	19.58	26.70	5.84	102		0.38	0
500	11.90	19.46	26.74	5.25	89		0.55	1.20	

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
1958 11.xi	0	18.40	19.67	25.60	5.78	112		0.30	0
	25	17.80	19.67	25.75	5.80	112		0.29	0
	50	17.30	19.65	25.84	5.64	107		0.37	0
	75	16.10	19.61	26.09	5.33	99		0.56	1.80
	100	14.70	19.57	26.32	5.21	94		0.69	2.40
	150	13.40	19.48	26.46	4.95	87		0.74	6.00
	200	12.65	19.43	26.54	4.80	83		0.76	8.00
	300	11.20	19.33	26.69	4.71	79		1.00	9.40
	500	9.30	19.21	26.86	4.84	77		1.07	
18.xi	0	17.15	19.66	25.89	5.60	106		0.22	0
	25	17.00	19.66	25.94	5.66	107		0.25	0
	50	16.70	19.65	25.99	5.66	106		0.21	0.40
	75	16.60	19.65	26.01	5.64	106		0.23	0
	100	15.25	19.57	26.20	5.07	93		0.43	2.80
	150	13.75	19.50	26.42	4.95	88		0.54	7.20
	200	13.10	19.48	26.53	5.01	88		0.47	7.20
	300	11.75	19.38	26.61	4.95	84		0.64	9.40
	500	9.65	19.20	26.78	4.65	75		0.99	
26.xi	0	19.70	19.67	25.29	5.37	107		0.25	
	25	18.80	19.65	25.47	5.60	110		0.29	
	50	17.30	19.62	25.82	5.67	106		0.28	
	75	15.35	19.68	26.35	4.96	91		0.57	
	100	14.10	19.53	26.39	4.96	89		0.66	
	150	12.20	19.42	26.62	4.11	70		0.65	
	200	11.35	19.34	26.69	5.04	85		0.82	
	300	10.80	19.31	26.74	4.82	80		0.89	
	500	8.65	19.16	26.89	4.61	73		1.17	

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
1958 4.xii	0	20.50	19.70	25.10	5.48	110		0.23	
	25	20.25	19.72	25.20	5.72	115		0.12	
	50	18.10	19.67	25.67	4.19	81		0.44	
	75	16.85	19.61	25.90	4.12	78		0.58	
	100	16.25	19.58	25.99	4.60	86		0.52	
	150	13.95	19.55	26.45	4.68	83		0.63	
	200	13.30	19.53	26.56	5.02	88		0.49	
	300	12.35	19.51	26.72	5.10	88		0.56	
	500	9.85	19.27	26.85	4.66	76		0.83	
15.xii	0	19.30	19.72	25.44	5.60	111		0.19	
	25	18.10	19.68	25.69	5.15	99		0.26	
	50	16.40	19.65	26.06	4.77	89		0.41	
	75	14.70	19.51	26.25	4.05	73		0.58	
	100	14.00	19.51	26.39	4.45	79		0.57	
	150	13.70	19.57	26.53	5.30	94		0.44	
	200	13.30	19.55	26.58	5.55	97		0.52	
	300	12.30	19.47	26.69	5.55	95		0.48	
	500	9.30	19.23	26.74	4.83	77		0.84	
23.xii	0	21.95	19.77	24.80	5.02	104		0.24	
	25	21.95	19.78	24.81	5.14	106		0.30	
	50	18.70	19.63	25.46	4.15	81		0.68	
	75	15.90	19.56	26.05	4.15	77		0.63	
	100	14.90	19.57	26.27	4.15	75		0.52	
	150	13.35	19.54	26.55	5.24	92		0.52	
	200	13.05	19.52	26.59	5.73	88		0.58	
	300	11.05	19.36	26.75	4.86	81		0.75	
	500	8.90	19.20	26.91	4.15	66		1.10	

Station: EDEN

Latitude: 37°04' S.

Longitude: 151°06' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1958 18.xi	0	18.40	19.68	25.62				0.22	0
	25	18.10	19.68	25.40	5.55	107		0.22	0
	50	16.05	19.62	26.10	5.35	99		0.30	1.80
	75	15.10	19.57	26.24	5.48	100		0.40	1.80
	100	14.50	19.55	26.34	5.48	99		0.45	5.80
	125	13.80	19.52	26.44				0.51	8.00
	150	13.50	19.52	26.50	5.38	95		0.51	6.40
	175	13.10	19.50	26.55				0.53	8.00
	200	12.80	19.44	26.53	5.14	89		0.61	6.00

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 8.i	0	20.40	19.70	25.12					
	10	19.80	19.69	25.27					
	20	19.20	19.67	25.39					
	30	19.00	19.67	25.45					
	40	16.60	19.65	26.01					
	50	15.40	19.64	26.26					
16.ii	0	21.35	19.61	24.74					
	10	20.20	19.63	25.08					
	20	19.20	19.63	25.34					
	30	15.40	19.55	26.14					
	40	14.00	19.52	26.41					
	50	13.92	19.52	26.42					
21.iii	0	21.70	19.55	24.56					
	10	21.30	19.59	24.73					
	20	17.70	19.60	25.68					
	30	14.20	19.52	26.50					
	40	13.80	19.49	26.41					
	50	13.10	19.45	26.50					
2.v	0	20.15	19.73	25.22					
	10	19.60	19.71	25.34					
	20	18.70	19.70	25.56					
	30	18.40	19.69	25.62					
	40	18.20	19.69	25.68					
	50	18.20	19.69	25.68					
19.vii	0	13.60	19.64	26.66					
	10	13.75	19.65	26.64					
	20	13.60	19.65	26.68					
	30	13.65	19.66	26.67					
	40	13.40	19.66	26.73					
	50	13.40	19.66	26.73					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 26.vii	0	14.40	19.65	26.50					
	10	14.45	19.66	26.51					
	20	14.40	19.66	26.52					
	30	14.50	19.66	26.50					
	40	14.05	19.65	26.59					
	50	14.40	19.64	26.49					
1.viii	0	13.70	19.65	26.65					
	10	13.60	19.65	26.67					
	20	13.60	19.65	26.67					
	30	13.50	19.65	26.70					
	40	13.30	19.65	26.73					
	50	13.25	19.65	26.74					
15.viii	0	13.10	19.59	26.70					
	10	13.00	19.59	26.72					
	20	13.05	19.59	26.71					
	30	13.05	19.59	26.71					
	40	13.00	19.59	26.72					
	50	13.00	19.59	26.72					
23.viii	0	12.80	19.56	26.70					2.3
	10	12.80	19.56	26.70					2.6
	20	12.75	19.56	26.71					2.3
	30	12.75	19.57	26.73					1.5
	40	12.50	19.57	26.77					1.1
	50	12.50	19.57	26.77					1.5
4.ix	0	13.70	19.61	26.59					
	10	13.40	19.61	26.65					
	20	13.40	19.61	26.65					
	30	13.35	19.61	26.66					
	40	13.10	19.61	26.71					
	50	13.00	19.61	26.74					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 9.ix	0	13.80	19.63	26.60	4.52	80		0.60	
	10	13.80	19.63	26.60	5.52	98		0.53	
	20	13.60	19.63	26.64	5.94	105		0.54	
	30	13.50	19.62	26.65	5.58	99		0.53	
	40	13.40	19.62	26.67	5.88	104		0.56	
	50	13.35	19.62	26.68	5.88	103		0.55	
17.ix	0	13.95	19.62	26.56					
	10	13.90	19.62	26.57					
	20	13.90	19.62	26.57					
	30	13.90	19.59	26.53					
	40	13.10	19.57	26.66					
	50	13.05	19.57	26.67					
26.ix	0	15.20	19.64	26.32					1.6
	10	15.15	19.64	26.33					1.8
	20	15.00	19.64	26.35					1.0
	30	13.75	19.57	26.52					3.2
	40	12.40	19.48	26.68					7.6
	50	12.35	19.47	26.67					6.4
5.x	0	15.30	19.60	26.23					
	10	14.75	19.60	26.36					
	20	13.90	19.60	26.54					
	30	13.75	19.55	26.49					
	40	12.40	19.55	26.77					
	50	12.15	19.55	26.82					
10.x	0	15.35	19.62	26.25					
	10	15.25	19.62	26.27					
	20	14.65	19.59	26.37					
	30	14.00	19.56	26.46					
	40	13.90	19.56	26.48					
	50	13.55	19.55	26.53					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958									
24.x	0	16.50	19.64	26.02					
	10	16.40	19.63	26.03					
	20	16.35	19.63	26.04					
	30	15.15	19.56	26.20					
	40	14.80	19.56	26.29					
	50	14.80	19.56	26.29					
31.x	0	16.40	19.61	26.00					
	10	15.60	19.59	26.16					
	20	15.25	19.57	26.20					
	30	14.00	19.51	26.38					
	40	13.70	19.51	26.44					
	50	12.60	19.43	26.55					
6.xi	0	17.00	19.72	26.02					
	10	16.95	19.72	26.03					
	20	16.95	19.72	26.03					
	30	16.90	19.71	26.03					
	40	15.40	19.66	26.31					
	50	14.40	19.61	26.44					
2.xii	0	18.00	19.66	25.68					
	10	17.15	19.62	25.83					
	20	16.45	19.60	25.98					
	30	16.30	19.58	25.99					
	40	16.15	19.58	26.02					
	50	15.20	19.58	26.22					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 8.i	0	20.00	19.69	25.22					
	10	19.60	19.68	25.30					
	20	19.60	19.67	25.29					
	30	18.50	19.66	25.56					
	40	16.70	19.64	25.97					
	50	16.20	19.64	26.08					
	75	15.40	19.62	26.24					
	100	14.50	19.58	26.38					
16.11	0	21.35	19.55	24.66					
	10	21.20	19.58	24.75					
	20	21.00	19.64	24.87					
	30	18.80	19.64	25.45					
	40	16.15	19.60	26.05					
	50	15.42	19.58	26.19					
	75	13.80	19.51	26.43					
	100	12.35	19.41	26.59					
21.111	0	22.40	19.54	24.35					
	10	21.20	19.57	24.73					
	20	19.00	19.65	25.42					
	30	17.50	19.63	25.77					
	40	16.20	19.57	25.99					
	50	15.30	19.54	26.16					
	75	13.40	19.45	26.44					
	100	11.90	19.38	26.64					
2.v	0	20.10	19.72	25.22					
	10	19.60	19.71	25.34					
	20	19.40	19.71	25.40					
	30	19.10	19.70	25.46					
	40	19.10	19.70	25.46					
	50	18.80	19.69	25.52					
	75	17.40	19.65	25.82					
	100	16.30	19.62	26.03					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958									
19.vii	0	13.80	19.66	26.64					
	10	13.95	19.67	26.63					
	20	13.75	19.67	26.67					
	30	13.80	19.67	26.66					
	40	13.80	19.67	26.66					
	50	13.60	19.65	26.68					
	75	13.30	19.64	26.72					
	100	13.40	19.64	26.70					
26.vii	0	14.65	19.66	26.46					
	10	14.70	19.66	26.54					
	20	14.70	19.66	26.45					
	30	14.70	19.66	26.45					
	40	14.70	19.67	26.49					
	50	14.70	19.65	26.44					
	75	13.40	19.62	26.67					
	100	13.20	19.60	26.70					
1.viii	0	15.80	19.69	26.26					
	10	15.50	19.69	26.33					
	20	15.30	19.68	26.35					
	30	15.00	19.66	26.38					
	40	14.40	19.66	26.52					
	50	14.10	19.66	26.59					
	75	12.80	19.61	26.78					
	100		19.67						
15.viii	0	13.20	19.60	26.69					
	10	13.20	19.60	26.69					
	20	13.20	19.60	26.69					
	30	12.50	19.60	26.83					
	40	12.45	19.60	26.84					
	50	12.45	19.60	26.84					
	75	12.40	19.60	26.85					
	100	12.40	19.60	26.85					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 23.viii	0	13.50	19.58	26.59					0.9
	10	13.45	19.58	26.61					0.8
	20	13.40	19.58	26.61					0.8
	30	13.00	19.58	26.70					2.3
	40	12.90	19.58	26.71					2.7
	50	12.70	19.58	26.75					2.7
	75	12.40	19.58	26.81					1.5
	100	12.40	19.58	26.81					1.1
4.ix	0	14.95	19.65	26.39					
	10	14.85	19.65	26.41					
	20	14.80	19.64	26.41					
	30	14.60	19.63	26.44					
	40	14.25	19.61	26.48					
	50	14.05	19.60	26.51					
	100	12.70	19.58	26.75					
9.ix	0	14.60	19.66	26.48	5.60	101		0.49	
	10	13.95	19.63	26.57	5.34	95		0.48	
	20	13.70	19.63	26.62	4.64	82		0.44	
	30	13.50	19.62	26.65	5.96	105		0.74	
	40	13.30	19.62	26.69	5.40	95		0.44	
	50	13.10	19.61	26.72	5.80	101		0.48	
	75	13.00	19.61	26.74	5.34	93		0.42	
	100	13.00	19.61	26.74	5.88	103		0.54	
17.ix	0	14.50	19.61	26.43					
	10	14.30	19.59	26.44					
	20	14.15	19.59	26.47					
	30	14.10	19.59	26.48					
	40	13.60	19.59	26.59					
	50	13.50	19.58	26.60					
	75	12.80	19.53	26.66					
	100	12.40	19.53	26.74					

Station: **BERMAGUI**Latitude: **36°26' S.**Longitude: **150°09' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 26.ix	0	15.50	19.64	26.25					1.2
	10	15.50	19.64	26.25					2.0
	20	15.35	19.64	26.28					1.6
	30	14.25	19.56	26.40					5.6
	40	14.20	19.58	26.45					4.6
	50	13.80	19.56	26.50					5.2
	75	12.45	19.49	26.67					5.6
	100	12.30	19.48	26.69					7.0
5.x	0	16.35	19.64	26.06					
	10	16.20	19.64	26.09					
	20	15.80	19.62	26.16					
	30	14.60	19.60	26.39					
	40	14.15	19.59	26.47					
	50	13.80	19.56	26.49					
	75	13.05	19.51	26.58					
	100	11.95	19.43	26.69					
10.x	0	16.90	19.65	25.94					
	10	16.80	19.65	25.97					
	20	16.70	19.65	25.99					
	30	15.95	19.63	26.14					
	40	15.75	19.62	26.17					
	50	15.50	19.62	26.22					
	75	14.00	19.55	26.45					
	100	13.20	19.52	26.57					
24.x	0	18.10	19.70	25.72					
	10	18.05	19.70	25.73					
	20	18.00	19.70	25.74					
	30	17.70	19.68	25.79					
	40	17.40	19.66	25.83					
	50	17.50	19.66	25.81					
	75	15.60	19.59	26.16					
	100	14.05	19.53	26.41					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 31.x	0	17.25	19.65	25.86					
	10	17.20	19.65	25.87					
	20	17.15	19.65	25.88					
	30	17.15	19.65	25.88					
	40	16.50	19.62	26.00					
	50	16.00	19.61	26.10					
	75	13.40	19.46	26.44					
	100	11.50	19.35	26.67					
6.xi	0	17.30	19.72	25.94					
	10	17.20	19.72	25.97					
	20	17.20	19.72	25.97					
	30	16.00	19.69	26.22					
	40	15.55	19.66	26.27					
	50	15.00	19.63	26.34					
	75	14.40	19.61	26.44					
	100	13.80	19.60	26.55					
2.xii	0	20.70	19.71	25.06					
	10	20.65	19.71	25.08					
	20	18.30	19.65	25.60					
	30	16.10	19.59	26.05					
	40	15.20	19.58	26.22					
	50	14.50	19.58	26.38					
	75	13.80	19.56	26.50					
	100	13.30	19.57	26.62					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 8.1	0	21.10	19.70	24.93					
	25	19.70	19.66	25.25					
	50	17.40	19.64	25.80					
	75	16.20	19.61	26.04					
	100	15.30	19.60	26.24					
	125	14.80	19.60	26.35					
	150	13.40	19.52	26.54					
16.11	0	21.60	19.51	24.53					
	10	21.00	19.64	24.87					
	20	20.60	19.64	24.98					
	30	19.60	19.64	25.25					
	40	16.40	19.60	25.99					
	50	16.30	19.60	26.01					
	75	14.60	19.53	26.29					
	100	13.65	19.50	26.45					
150	12.10	19.40	26.62						
21.111	0	22.00	19.55	24.48					
	25	20.20	19.70	25.17					
	50	16.00	19.56	26.03					
	75	14.70	19.53	26.27					
	100	14.30	19.51	26.33					
	125	13.20	19.45	26.48					
	150	12.60	19.45	26.60					
2.7	0	21.80	19.74	24.79					
	25	21.70	19.74	24.82					
	50	21.60	19.74	24.85					
	75	21.00	19.73	25.00					
	100	19.40	19.72	25.41					
	125	18.30	19.69	25.65					
	150	17.50	19.65	25.80					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 19.vii	0	14.90	19.67	26.42					
	25	14.90	19.67	26.42					
	50	14.25	19.64	26.52					
	75	13.80	19.65	26.63					
	100	13.55	19.64	26.67					
	150	13.30	19.63	26.71					
26.vii	0	14.95	19.67	26.41					
	25	14.90	19.67	26.43					
	50	14.90	19.67	26.43					
	75	14.85	19.67	26.44					
	100	14.80	19.67	26.45					
	125	13.60	19.64	26.65					
1.viii	0	16.75	19.69	26.04					
	25	16.70	19.68	26.03					
	50	16.35	19.67	26.10					
	75	15.00	19.60	26.30					
	100	14.00	19.56	26.46					
	125	13.40	19.60	26.65					
15.viii	0	15.60	19.66	26.25					
	25	15.55	19.66	26.26					
	50	15.20	19.65	26.33					
	75	14.40	19.61	26.45					
	100	13.85	19.60	26.55					
	125	12.60	19.55	26.73					
150	12.60	19.60	26.80						

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958									
23.viii	0	14.90	19.62	26.35					1.1
	25	14.80	19.62	26.37					1.1
	50	13.25	19.55	26.60					4.9
	75	13.05	19.55	26.64					2.5
	100	12.80	19.56	26.70					3.4
	125	12.70	19.56	26.72					3.3
	150	12.40	19.50	26.70					1.1
4.ix	0	14.90	19.63	26.36					
	25	14.80	19.63	26.39					
	50	14.75	19.63	26.40					
	75	14.60	19.61	26.40					
	100	14.45	19.60	26.43					
	125	13.20	19.50	26.54					
	150	12.40	19.47	26.65					
9.ix	0	17.00	19.69	25.98	5.20	98		0.55	
	25	16.85	19.68	26.00	5.11	96		0.61	
	50	15.05	19.66	26.37	5.57	101		0.55	
	75	13.70	19.62	26.61	5.46	97		0.56	
	100	13.10	19.60	26.71	5.71	100		0.53	
	125	13.05	19.61	26.73	5.91	103		0.47	
	150	13.05	19.61	26.73	5.91	103		0.47	
17.ix	0	15.40	19.64	26.27					
	25	13.70	19.55	26.51					
	50	13.10	19.54	26.62					
	75	13.10	19.56	26.64					
	100	13.10	19.58	26.67					
	125	13.05	19.58	26.68					
	150	12.90	19.58	26.72					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 26.ix	0	15.70	19.63	26.19					1.6
	25	15.45	19.64	26.25					2.0
	50	13.75	19.52	26.45					6.4
	75	13.60	19.55	26.53					3.0
	100	12.20	19.44	26.65					4.9
	125	11.90	19.44	26.72					7.2
	150	11.95	19.45	26.72					7.5
5.x	0	17.50	19.67	25.82					
	25	16.60	19.65	26.02					
	50	15.45	19.62	26.23					
	75	14.60	19.60	26.39					
	100	13.80	19.54	26.47					
	125	13.00	19.50	26.58					
	150	12.95	19.50	26.59					
10.x	0	18.20	19.70	25.70					
	25	18.15	19.70	25.71					
	50	16.30	19.60	26.02					
	75	15.20	19.58	26.22					
	100	14.95	19.60	26.32					
	125	14.00	19.54	26.43					
	150	13.00	19.50	26.58					
24.x	0	18.20	19.70	25.70					
	25	18.20	19.70	25.70					
	50	18.10	19.69	25.71					
	75	17.90	19.69	25.76					
	100	17.00	19.63	25.89					
	125	14.70	19.56	26.31					
	150	14.20	19.52	26.36					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958									
31.x	0	17.70	19.67	25.78					
	25	17.60	19.67	25.80					
	50	17.40	19.67	25.85					
	75	16.60	19.64	26.01					
	100	13.90	19.50	26.40					
	125	12.50	19.44	26.60					
	150	12.10	19.41	26.64					
6.xi	0	17.60	19.73	25.89					
	25	17.40	19.72	25.92					
	50	15.90	19.68	26.23					
	75	15.00	19.63	26.34					
	100	14.50	19.62	26.43					
	125	13.90	19.61	26.54					
	150	13.15	19.57	26.64					
2.xii	0	20.20	19.67	25.14					
	25	20.05	19.67	25.17					
	50	16.80	19.67	25.99					
	75	15.20	19.59	26.24					
	100	13.95	19.56	25.46					
	125	13.35	19.56	26.59					
	150	13.20	19.56	26.62					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 8.1	0	20.80	19.72	25.04					
	25	20.75	19.72	25.06					
	50	18.00	19.64	25.65					
	75	16.60	19.64	25.99					
	100	15.80	19.64	26.18					
	150	14.50	19.58	26.39					
	200	13.60	19.54	26.52					
	300	11.80	19.39	26.67					
16.11	0	21.30	19.59	24.73					
	25	20.45	19.64	25.02					
	50	16.70	19.63	25.96					
	75	14.80	19.54	26.27					
	100	14.60	19.53	26.29					
	150	13.60	19.52	26.49					
	200	12.50	19.44	26.60					
	300	10.60	19.33	26.80					
21.111	0	23.00	19.59	24.25					
	25	22.90	19.61	24.30					
	50	19.50	19.69	25.35					
	75	15.40	19.59	26.20					
	100	14.20	19.51	26.35					
	150	13.00	19.41	26.46					
	200	12.60	19.43	26.57					
	300	9.70	19.30	26.92					
2.v	0	21.90	19.74	24.76					
	25	21.90	19.74	24.76					
	50	21.80	19.74	24.79					
	75	21.80	19.74	24.79					
	100	20.50	19.74	25.15					
	150	18.15	19.69	25.69					
	200	15.50	19.59	26.18					
	300	11.50	19.37	26.70					

Station: **BERMAGUI**Latitude: **36°26' S.**Longitude: **150°19' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958									
19.vii	0	15.00	19.68	26.41					
	25	15.00	19.68	26.41					
	50	14.85	19.68	26.46					
	75	14.60	19.66	26.48					
	100	14.10	19.61	26.51					
	150	13.40	19.56	26.58					
	200	12.70	19.47	26.60					
	300	11.50	19.38	26.72					
26.vii	0	16.20	19.70	26.19					
	25	15.10	19.69	26.14					
	50	15.00	19.69	26.43					
	75	15.00	19.69	26.43					
	100	14.90	19.67	26.43					
	150	13.75	19.58	26.54					
	200	12.50	19.48	26.65					
	300	12.40	19.58	26.81					
1.viii	0	16.80	19.68	26.01					
	25	16.45	19.68	26.09					
	50	15.15	19.63	26.32					
	75	14.40	19.58	26.41					
	100	14.20	19.58	26.45					
	150	13.50	19.58	26.59					
	200	13.05	19.61	26.73					
	300	12.70	19.61	26.79					
15.viii	0	16.00	19.67	26.19					
	25	15.95	19.67	26.20					
	50	15.80	19.67	26.23					
	75	15.40	19.65	26.29					
	100	14.70	19.62	26.40					
	150	14.20	19.58	26.45					
	200	13.25	19.54	26.59					
	300	11.55	19.42	26.75					

Station: BERMAGUI

Latitude: 36°26' S. Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 23.viii	0	15.35	19.66	26.31					0.8
	25	15.30	19.64	26.29					0.8
	50	15.25	19.64	26.30					0.8
	75	14.40	19.58	26.40					3.5
	100	13.00	19.51	26.59					6.1
	150	12.05	19.45	26.70					4.9
	200	12.55	19.57	26.76					2.7
	300	12.40	19.58	26.81					0.7
4.ix	0	14.80	19.64	26.40					
	25	14.80	19.64	26.40					
	50	14.75	19.62	26.39					
	75	14.60	19.62	26.41					
	100	14.45	19.61	26.44					
	150	13.20	19.48	26.51					
	200	12.00	19.40	26.64					
9.ix	0	17.20	19.69	25.93	4.85	92		0.55	
	25	17.20	19.68	25.91	5.15	98		0.45	
	50	17.00	19.68	25.97	5.15	98		0.44	
	75	15.30	19.60	26.23	4.73	86		0.53	
	100	15.30	19.66	26.32	4.73	87		0.49	
	150	13.20	19.52	26.57	4.88	85		0.65	
	200	12.15	19.44	26.67	4.79	82		0.96	
17.ix	0	15.65	19.65	26.23					
	25	14.55	19.68	26.52					
	50	13.10	19.49	26.55					
	75	12.55	19.43	26.58					
	100	12.15	19.44	26.67					
	150	11.50	19.40	26.74					
	200	12.20	19.58	26.86					
300	12.00	19.52	26.80						

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 17.ix	0	15.65	19.65	26.23					
	25	14.55	19.68	26.52					
	50	13.10	19.49	26.55					
	75	12.55	19.43	26.58					
	100	12.15	19.44	26.67					
	150	11.50	19.40	26.74					
	200	12.20	19.58	26.86					
	300	12.00	19.52	26.80					
26.ix	0	15.70	19.64	26.20					1.6
	25	15.50	19.64	26.25					2.2
	50	14.80	19.61	26.35					1.6
	75	13.70	19.56	26.51					5.6
	100	12.95	19.48	26.56					9.4
	150	12.40	19.47	26.65					5.2
	200	11.40	19.38	26.73					6.4
	300	10.00	19.25	26.79					12.4
5.x	0	17.80	19.68	25.77					
	25	17.60	19.68	25.82					
	50	16.05	19.60	26.08					
	75	16.35	19.60	26.01					
	100	15.65	19.60	26.16					
	150	14.55	19.57	26.35					
	200	13.40	19.53	26.54					
	300	11.95	19.38	26.62					
10.x	0	18.40	19.70	25.64					
	25	18.40	19.70	25.64					
	50	17.80	19.68	25.77					
	75	16.35	19.63	26.04					
	100	15.75	19.63	26.18					
	150	14.30	19.54	26.37					
	200	13.30	19.49	26.51					
	300	11.90	19.38	26.64					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 24.x	0	18.15	19.69	25.69					
	25	18.05	19.69	25.72					
	50	18.05	19.69	25.72					
	75	18.05	19.69	25.72					
	100	17.80	19.69	25.78					
	150	15.50	19.58	26.16					
	200	14.20	19.54	26.39					
	300	13.45	19.48	26.46					
31.x	0	17.75	19.67	25.76					
	25	17.65	19.67	25.79					
	50	17.25	19.67	25.89					
	75	16.95	19.65	25.94					
	100	16.70	19.65	26.00					
	150	13.80	19.55	26.49					
	200	13.10	19.52	26.59					
	300	11.65	19.37	26.66					
6.xi	0	17.85	19.74	25.84					
	25	17.70	19.74	25.86					
	50	16.80	19.71	26.06					
	75	14.90	19.62	26.34					
	100	14.05	19.60	26.50					
	150	13.20	19.60	26.69					
	200	13.40	19.64	26.70					
	300	12.85	19.61	26.76					
2.xii	0	20.60	19.70	25.08					
	25	20.60	19.69	25.07					
	50	17.70	19.64	25.73					
	75	16.25	19.56	25.96					
	100	15.40	19.54	26.12					
	150	14.20	19.56	26.41					
	200	13.25	19.55	26.60					
	300	13.00	19.55	26.65					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 8.i	0	21.30	19.71	24.90					
	25	21.15	19.71	24.94					
	50	20.10	19.67	25.16					
	75	17.40	19.62	25.77					
	100	16.15	19.58	26.02					
	150	14.80	19.54	26.27					
	200	13.45	19.47	26.46					
	300	12.00	19.39	26.63					
	500	9.05	19.20	26.88					
16.ii	0	22.20	19.63	24.53					
	25	21.00	19.65	24.89					
	50	17.20	19.68	25.90					
	75	15.20	19.57	26.22					
	100	14.10	19.49	26.35					
	150	13.15	19.44	26.47					
	200	12.00	19.37	26.60					
	300	10.40	19.27	26.76					
	500	8.50	19.17	26.93					
21.iii	0	23.50	19.63	24.16					
	25	23.30	19.63	24.22					
	50	19.95	19.69	25.23					
	75	17.20	19.62	25.82					
	100	15.10	19.54	26.20					
	150	13.60	19.45	26.40					
	200	13.10	19.44	26.48					
	300	11.00	19.29	26.67					
	500	8.80	19.19	26.91					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 2.v	0	22.00	19.75	24.75					
	25	21.95	19.75	24.76					
	50	22.00	19.75	24.75					
	75	21.90	19.75	24.77					
	100	20.40	19.75	25.18					
	150	18.80	19.74	25.59					
	200	16.85	19.67	25.98					
	300	13.70	19.56	26.53					
	500	9.80	19.27	26.86					
19.vii	0	15.00	19.67	26.40					
	25	15.00	19.67	26.40					
	50	15.00	19.67	26.40					
	75	15.00	19.67	26.40					
	100	15.00	19.67	26.40					
	150	13.70	19.58	26.56					
	200	13.50	19.63	26.66					
	300	12.80	19.56	26.70					
500	9.00	19.22	26.92						
26.vii	0	16.40	19.70	26.14					
	25	15.60	19.70	26.32					
	50	15.00	19.67	26.40					
	75	14.95	19.67	26.41					
	100	14.90	19.67	26.43					
	150	14.85	19.67	26.44					
	200	13.40	19.56	26.59					
	300	11.20	19.36	26.74					
500	8.80	19.20	26.92						

Station: **BERMAGUI**

Latitude: **36°26' S.**

Longitude: **150°24' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 1.viii	0	16.75	19.69	26.04					
	25	16.70	19.69	26.05					
	50	16.20	19.67	26.14					
	75	15.30	19.60	26.23					
	100	14.80	19.65	26.42					
	150	13.00	19.47	26.54					
	200	12.40	19.44	26.62					
	300	10.90	19.32	26.73					
	500	8.90	19.20	26.91					
15.viii	0	16.00	19.67	26.19					
	25	16.10	19.67	26.19					
	50	16.05	19.67	26.17					
	75	15.90	19.67	26.21					
	100	15.40	19.64	26.27					
	150	14.70	19.64	26.43					
	200	13.10	19.49	26.55					
	300	12.20	19.53	26.77					
	500	12.00	19.56	26.87					
23.viii	0	15.40	19.65	26.29					0.6
	25	15.40	19.65	26.29					2.1
	50	15.40	19.65	26.29					1.2
	75	15.40	19.65	26.29					1.7
	100	14.80	19.58	26.33					4.8
	150	13.60	19.53	26.50					6.0
	200	12.00	19.40	26.64					6.7
	300	10.40	19.27	26.75					12.9
	500	9.20	19.21	26.87					9.5

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 4.ix	0	14.70	19.62	26.39					
	25	14.80	19.64	26.40					
	50	14.75	19.64	26.41					
	75	14.75	19.64	26.41					
	100	14.70	19.64	26.42					
	150	13.90	19.56	26.47					
	200	12.80	19.46	26.56					
	300	12.45	19.56	26.77					
	500	11.70	19.55	26.91					
9.ix	0	17.30	19.69	25.90	5.24	100		0.51	
	25	17.20	19.69	25.93	5.27	100		0.44	
	50	17.10	19.68	25.93	5.09	97		0.53	
	75	16.35	19.65	26.07	4.96	93		0.55	
	100	15.25	19.65	26.32	5.31	97		0.45	
	150	14.20	19.57	26.43	4.96	89		0.67	
	200	12.70	19.43	26.54	4.52	78		0.84	
	300	11.20	19.36	26.73	4.70	79		1.05	
	500	9.00	19.19	26.88	4.64	74		1.22	
17.ix	0	15.05	19.64	26.34					
	25	14.85	19.64	26.39					
	50	13.70	19.60	26.58					
	75	13.20	19.55	26.61					
	100	12.80	19.53	26.66					
	150	11.75	19.41	26.70					
	200	11.75	19.43	26.73					
	300	10.10	19.26	26.79					
	500	9.95	19.30	26.88					

Station: **BERMAGUI**Latitude: **36°26' S.**Longitude: **150°24' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 26.ix	0	15.60	19.64	26.23					2.4
	25	15.30	19.64	26.29					1.8
	50	14.95	19.63	26.35					1.6
	75	14.60	19.62	26.41					1.8
	100	13.65	19.57	26.54					4.8
	150	12.50	19.47	26.64					6.6
	200	11.70	19.39	26.69					8.4
	300	10.80	19.37	26.83					11.2
	500	8.50	19.15	26.90					13.2
5.x	0	17.65	19.67	25.78					
	25	17.40	19.66	25.83					
	50	16.40	19.61	26.00					
	75	15.70	19.60	26.15					
	100	15.40	19.60	26.21					
	150	14.60	19.58	26.36					
	200	13.40	19.47	26.45					
	300	12.20	19.40	26.61					
500	9.70	19.65	27.41						
10.x	0	18.50	19.70	25.62					
	25	18.55	19.70	25.61					
	50	17.50	19.66	25.81					
	75	17.00	19.63	25.89					
	100	15.95	19.60	26.10					
	150	14.80	19.57	26.31					
	200	13.50	19.48	26.45					
	300	12.70	19.42	26.53					
	500	10.20	19.28	26.81					

Station: **BERMAGUI**

Latitude: **36°26' S.**

Longitude: **150°24' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1958 24.x	0	18.10	19.70	25.72					
	25	18.20	19.70	25.70					
	50	18.10	19.70	25.71					
	75	18.10	19.69	25.71					
	100	18.00	19.69	25.73					
	150	15.75	19.58	26.11					
	200	14.75	19.55	26.29					
	300	13.20	19.48	26.52					
	500	9.85	19.22	26.77					
6.xi	0	18.15	19.76	25.79					
	25	17.85	19.75	25.84					
	50	17.15	19.73	25.99					
	75	16.15	19.69	26.18					
	100	14.30	19.61	26.45					
	150	13.60	19.62	26.62					
	200	13.55	19.64	26.66					
	300	13.30	19.65	26.73					
	500	9.30	19.28	26.96					
2.xii	0	19.65	19.71	25.35					
	25	19.80	19.71	25.31					
	50	19.20	19.70	25.44					
	75	16.80	19.61	25.91					
	100	16.00	19.61	26.10					
	150	14.20	19.52	26.36					
	200	13.70	19.53	26.47					
	300	12.00	19.40	26.64					
	500	9.50	19.24	26.87					

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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
36. Surface sampling in the Tasman and Coral Seas, 1957
37. Hydrological investigations from F.R.V. *Derwent Hunter*, 1957
38. Coastal hydrological investigations in the New South Wales tuna fishing area, 1958