

OCEANOGRAPHICAL STATION LIST

VOLUME 46

COASTAL HYDROLOGICAL INVESTIGATIONS
IN THE NEW SOUTH WALES TUNA FISHING AREA, 1959

DIVISION OF FISHERIES AND OCEANOGRAPHY
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Compiled by A. D. Crooks



Division of Fisheries and Oceanography
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Research Organization, Australia

Melbourne 1961

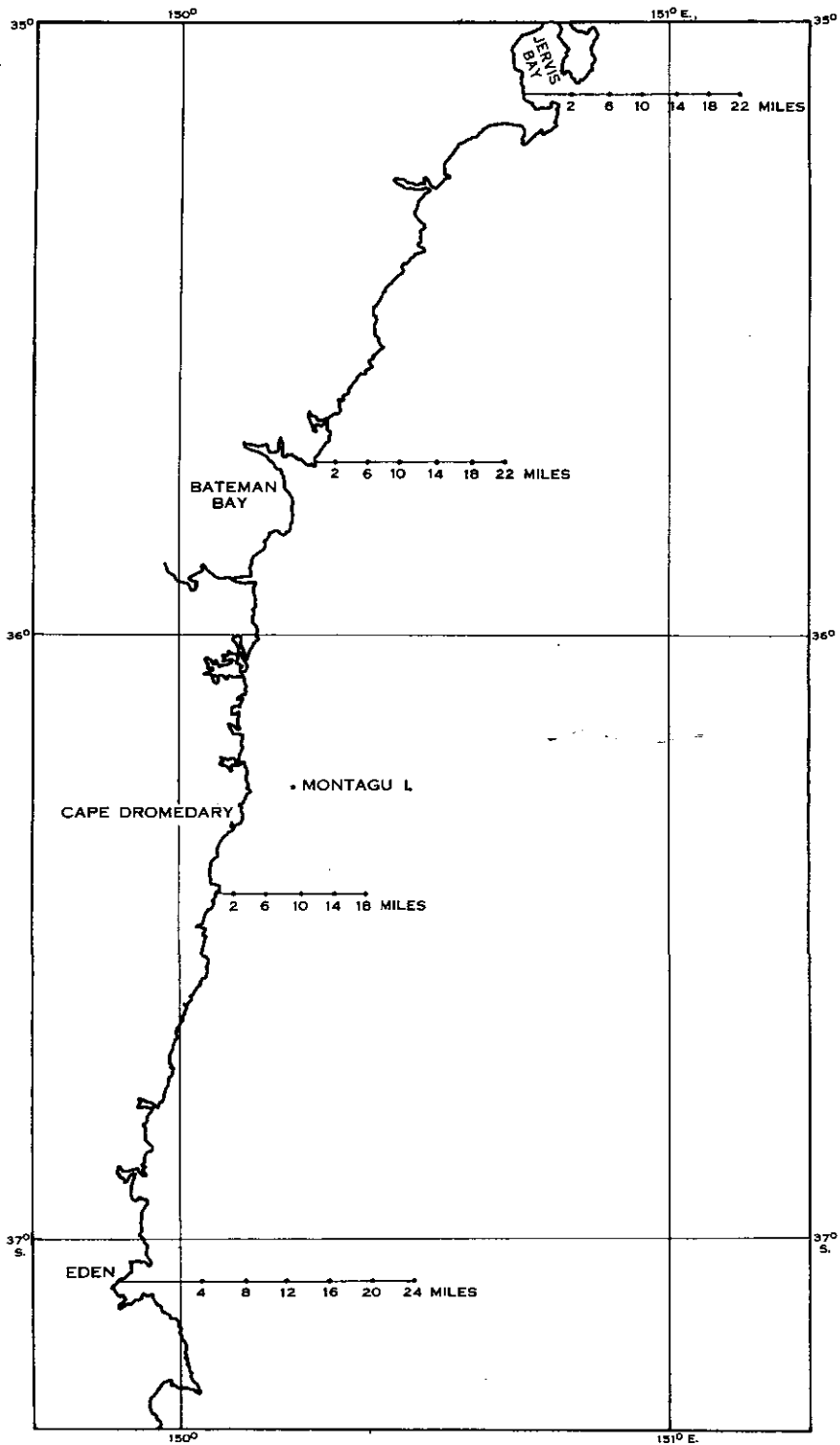


Fig. 1.—Positions of stations on Jervis Bay, Bateman Bay, Bermagui, and Eden traverses.

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COASTAL HYDROLOGICAL INVESTIGATIONS IN THE NEW SOUTH WALES TUNA FISHING AREA, 1959

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I. INTRODUCTION

The data presented in this Station List were obtained from routine cruises by the Division's F.R.V. *Marelda*, based at Eden. The hydrological work formed part of the bluefin tuna program and was directed by Mr. B. S. Newell.

Sea-water samples were collected regularly at stations on four lines (Fig. 1). The first runs east from Bateman Bay at depths of about 50 m at the 2-mile, 100 m at the 6-mile, 125 m at the 10-mile, 130 m at the 14-mile, 500 m at the 15-mile, and 500 m at the 22-mile station; the second east from Jervis Bay at depths of about 100 m at the 2-mile, 125 m at the 6-mile, 150 m at the 10-mile, 500 m at the 14-mile, 500 m at the 18-mile, and 500 m at the 22-mile station; the third east-north-east from Bermagui at depths of about 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; and the fourth east-north-east from Eden at depths of about 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.

II. METHODS AND UNITS

Chlorinity (‰) and temperature (°C) of each water sample were measured. Estimations of dissolved oxygen, percentage oxygen saturation, and inorganic orthophosphate were done at the Eden laboratory. Total phosphorus determinations for certain stations were made at the Cronulla laboratory.

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

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

Percentage oxygen saturation values were computed from the nomograph of Richards and Corwin (1956).

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

Total phosphate was estimated by digestion with perchloric acid. To 100 ml of unfiltered sea-water, 0.2 ml of 70% 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.

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 negligible and are ignored.

III. PERSONNEL

All samples were collected by Mr. R. Greig, with the assistance of Mr. B. A. Odell. Analyses were carried out in Eden by Mr. Odell. Under the general direction of Mr. A. D. Crooks, Misses F. Luce and R. Weidenhofer and Mrs. Wood processed the data and Mrs. D. Schmitzer typed the sheets.

IV. REFERENCE

RICHARDS, F. A., and CORWIN, N. (1956).—Some oceanographic applications of the solubility of oxygen in sea water. *Limn. Oceanogr.* 1: 263-7.

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 26.11	0	22.00	19.65	24.62				0.24	
	10	20.90	19.64	24.91	4.99	101		0.34	
	20	19.40	19.64	25.32				0.42	
	30	19.10	19.61	25.36				0.51	
	40	17.75	19.61	25.67	4.87	93		0.51	
	50	16.70	19.55	25.84	4.63	87		0.63	
19.111	0	23.60	19.65	24.16	4.74	100		0.34	
	10	22.50	19.60	24.41	4.93	102		0.29	
	20	22.30	19.56	24.40	4.93	102		0.40	
	30	22.30	19.56	24.40	4.93	102		0.30	
	40	22.00	19.56	24.49	4.86	100		0.44	
	50	21.90	19.55	24.50	4.74	98		0.60	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.60	19.76	24.89	4.89	100		0.43	
	10	21.60	19.76	24.89	4.95	102		0.44	
	20	21.60	19.76	24.89	5.00	103		0.56	
	30	21.80	19.73	24.80	4.95	102		0.51	
	40	21.60	19.74	24.87	4.95	102		0.50	
	50	21.70	19.74	24.84	4.95	102		0.44	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.v	0	20.75	19.76	25.11	5.06	103		0.24	
	10	20.70	19.76	25.13	4.99	101		0.25	
	20	20.50	19.75	25.16	5.05	102		0.27	
	30	20.20	19.75	25.25	5.06	102		0.16	
	40	20.00	19.75	25.31	5.06	101		0.16	
	50	19.95	19.75	19.75	25.32	4.99	100		0.11

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 3.vi	0	18.40	19.72	25.67	5.11	99		0.85	
	10	18.40	19.74	25.70	5.15	100		0.81	
	20	18.30	19.74	25.72	4.99	97		0.75	
	30	18.30	19.74	25.72	5.02	97		0.87	
	40	18.25	19.74	25.73	4.95	96		0.63	
	50	18.30	19.74	25.72	5.15	100		0.75	
25.vi	0	17.40	19.76	25.96	5.20	99		0.84	
	10	17.40	19.76	25.96	5.25	100		0.79	
	20	17.35	19.76	25.98	5.25	100		0.65	
	30	17.50	19.75	25.93	5.25	100		0.80	
	40	17.35	19.75	25.97	5.25	100		0.74	
	50	17.30	19.75	25.98	5.25	100		0.65	
15.vii	0	16.00	19.64	26.13	5.52	102		0.84	
	10	16.00	19.64	26.13	5.52	102		0.91	
	20	16.00	19.64	26.13	5.50	102		0.83	
	30	16.10	19.64	26.11	5.50	102		1.32	
	40	16.00	19.65	26.15	5.40	100		0.91	
	50	16.00	19.65	26.15	5.31	99		1.18	
13.viii	0	14.20	19.65	26.55	5.55	99		0.87	
	10	14.20	19.61	26.49	5.55	99		0.54	
	20	14.20	19.65	26.55	5.51	99		0.92	
	30	14.30	19.65	26.52	5.55	100		0.78	
	40	14.20	19.65	26.55	5.57	100		0.82	
	50	14.00	19.65	26.59	5.57	99		0.61	
17.ix	0	15.70	19.64	26.21	6.04	111		0.71	
	10	15.40	19.64	26.28	5.95	109		2.23	
	20	14.80	19.61	26.34	5.74	104		0.71	
	30	14.70	19.60	26.35	5.55	100		0.92	
	40	13.80	19.58	26.51	5.00	89		2.63	
	50	13.60	19.58	26.56	4.87	86		1.81	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 11.x	0	15.40	19.53	26.12	5.42	99		0.53	
	10	14.60	19.58	26.35	5.30	95		0.70	
	20	14.20	19.58	26.44	5.21 ⁷	93		0.59	
	30	14.20	19.58	26.44	5.15	92		0.87	
	40	14.05	19.57	26.45	5.15	92		0.58	
	50	14.05	19.57	26.45	5.07	91		0.92	
12.xi	0	17.95	18.98	24.76	5.52	107		0.60	
	10	18.30	19.30	25.11	5.56	107		0.69	
	20	18.05	19.30	25.17	5.61	107		0.99	
	30	16.80	19.36	25.57	5.39	101		0.73	
	40	15.40	19.62	26.25	4.63	85		0.87	
	50	14.80	19.60	26.35	4.47	81		0.91	
3.xii	0	18.80	19.47	25.20	5.24	102		0.92	
	10	18.70	19.47	25.25	5.42	106		0.87	
	20	17.90	19.43	25.39	5.45	105		0.42	
	30	17.75	19.43	25.42	5.47	105		0.39	
	40	15.20	19.57	26.20	5.05	92		0.60	
	50	14.30	19.57	26.40	4.50	89		0.94	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°23' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
26.ii	0	22.70	19.67	24.45	4.84	101		0.39	
	10	21.80	19.65	24.68				0.34	
	20	20.30	19.62	25.04	4.90	98		0.32	
	30	19.10	19.62	25.36				0.49	
	40	16.55	19.57	25.91	4.60	86		0.56	
	50	15.70	19.57	26.10	4.23	78		0.77	
	75	13.85	19.49	26.39	3.98	71		0.84	
	100	12.90	19.34	26.38	4.14	72		0.87	
19.iii	0	25.10	19.76	23.84	4.74	103		0.31	
	10	25.10	19.75	23.83	4.72	103		0.40	
	20	25.10	19.76	23.84	4.63	101		0.27	
	30	24.80	19.78	24.04	4.63	100		0.49	
	40	24.30	19.73	24.06	4.74	102		0.36	
	50	23.70	19.66	24.14	4.72	100		0.34	
	75	19.30	19.56	25.21	4.23	83		0.70	
	100	13.00	19.44	26.50	4.23	73		0.90	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.70	19.78	24.89	5.00	103		0.39	
	10	21.70	19.76	24.86	4.95	102		0.31	
	20	21.65	19.77	24.89	5.00	103		0.34	
	30	21.63	19.77	24.89	4.97	102		0.37	
	40	21.63	19.77	24.89	4.97	102		0.51	
	50	21.90	19.77	24.82	5.04	104		0.42	
	75	21.10	19.75	25.01	4.84	99		0.51	
	100	17.20	19.65	25.87	4.33	82		0.77	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.v	0	20.70	19.75	25.11	5.11	103		0.10	
	10	20.55	19.75	25.15	5.15	104		0.12	
	20	20.40	19.75	25.19	5.02	101		0.11	
	30	20.30	19.76	25.24	4.99	100		0.13	
	40	20.25	19.77	25.27	4.99	100		0.11	
	50	20.30	19.78	25.26	5.02	101		0.11	
	75	20.10	19.77	25.31	4.95	99		0.13	
	100	18.30	19.66	25.61	4.47	87		0.25	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 3.vi	0	19.40	19.76	25.46	5.19	103		0.75	
	10	19.40	19.78	25.49	5.19	103		0.88	
	20	19.40	19.78	25.49	5.27	104		0.63	
	30	19.30	19.78	25.52	5.02	99		0.68	
	40	19.20	19.78	25.54	4.99	98		1.07	
	50	19.40	19.78	25.49	5.15	102		0.90	
	75	19.25	19.78	25.53	4.99	99		1.00	
	100	19.10	19.77	25.55	5.02	99		0.88	
	25.vi	0	17.55	19.75	25.92	5.25	101		0.65
10		17.50	19.75	25.93	5.25	100		0.76	
20		17.50	19.75	25.93	5.25	100		0.62	
30		17.50	19.75	25.93	5.25	100		0.65	
40		17.40	19.75	25.95	5.28	101		0.93	
50		17.50	19.75	25.93	5.25	100		0.70	
75		17.40	19.75	25.95	5.16	98		0.90	
100		16.30	19.66	26.10	4.99	93		0.90	
15.vii	0	16.70	19.74	26.11	5.50	104		1.36	
	10	16.70	19.74	26.11	5.50	104		0.88	
	20	16.70	19.73	26.09	5.40	102		1.05	
	30	16.65	19.74	26.12	5.36	101		1.18	
	40	16.60	19.74	26.14	5.36	101		0.95	
	50	16.65	19.74	26.12	5.40	102		0.82	
	75	16.20	19.69	26.16	5.07	94		0.86	
	100	14.55	19.59	26.39	4.69	85		1.32	
13.viii	0	15.10	19.69	26.40	5.62	102		0.89	
	10	15.05	19.73	26.47	5.62	102		0.42	
	20		19.70		5.55	101		0.81	
	30	15.05	19.70	26.43	5.55	101		0.61	
	40	15.00	19.70	26.44	5.62	102		0.87	
	50	15.10	19.70	26.42	5.55	101		0.72	
	75	14.10	19.65	26.57	5.39	96		0.66	
	100	14.10	19.65	26.57	5.52	99		0.72	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 17.ix	0	17.10	19.67	25.92	5.95	113		0.90	
	10	17.00	19.70	26.00	6.11	116		0.85	
	20	16.60	19.65	26.01	5.90	111		0.48	
	30	15.00	19.63	26.35	5.05	92		1.51	
	40	14.60	19.61	26.39	5.00	90		0.86	
	50	14.60	19.64	26.43	5.42	98		0.89	
	75	14.00	19.60	26.50	5.36	96		0.71	
	100	13.10	19.55	26.61	4.87	85		0.85	
11.x	0	16.60	19.62	25.98	5.58	105		0.76	
	10	16.60	19.62	25.98	5.52	104		0.75	
	20	16.30	19.67	26.12	5.33	99		0.60	
	30	15.10	19.62	26.31	5.13	93		0.63	
	40	14.20	19.58	26.44	5.13	92		0.79	
	50	14.20	19.57	26.43	5.05	90		1.22	
	75	14.20	19.57	26.43	5.05	90		0.85	
	100	14.20	19.57	26.43	5.05	90		0.93	
12.xi	0	18.30	19.39	25.25	5.48	106		0.61	
	10	18.70	19.50	25.30	5.46	106		0.79	
	20	18.70	19.52	25.32	5.42	106		0.60	
	30	17.00	19.65	25.92	4.72	89		0.66	
	40	16.10	19.65	26.14	4.90	91		0.75	
	50	15.20	19.60	26.27	4.72	86		1.21	
	75	14.05	19.57	26.45	4.75	85		1.17	
	100	13.10	19.50	26.56	4.66	81		1.17	
3.xii	0	19.05	19.50	25.19	5.32	105		0.46	
	10	19.00	19.50	25.20	5.38	105		0.35	
	20	19.00	19.50	25.20	5.28	104		0.30	
	30	19.00	19.50	25.20	5.35	105		0.47	
	40	17.00	19.57	25.80	5.65	107		0.41	
	50	15.70	19.60	26.16	4.91	90		0.50	
	75	14.30	19.57	26.39	4.45	79		0.94	
	100	13.60	19.55	26.51	4.29	74		0.81	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 26.ii	0	24.10	19.71	24.08	4.72	101		0.35	
	10	24.10	19.70	24.08	4.72	101		0.35	
	20	21.40	19.64	24.77	5.05	103		0.37	
	30	20.20	19.64	25.10	4.84	97		0.49	
	40	18.35	19.61	25.53	4.60	89		0.49	
	50	16.40	19.59	25.97	4.20	78		0.68	
	75	15.15	19.56	26.19	4.03	73		0.70	
	100	12.80	19.45	26.55	4.11	71		0.84	
	125	12.80	19.45	26.55	4.35	76		0.78	
19.iii	0	25.20	19.78	23.84	4.74	103		0.32	
	10	25.20	19.78	23.84	4.49	98		0.25	
	20	25.20	19.79	23.85	4.63	101		0.29	
	30	25.30	19.79	23.82	4.52	99		0.25	
	40	25.20	19.79	23.85	4.63	101		0.45	
	50	25.10	19.79	23.89	4.63	101		0.36	
	75	23.40	19.75	24.35	4.36	92		0.42	
	100	19.00	19.64	25.41	3.88	76		0.54	
	125	13.60	19.47	26.41	4.17	74		0.77	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.80	19.82	24.90	5.09	105		0.40	
	10	21.80	19.79	24.87	5.19	107		0.44	
	20	21.80	19.77	24.85	5.06	104		0.41	
	30	21.70	19.78	24.89	5.04	104		0.41	
	40	21.50	19.78	24.94	5.04	103		0.36	
	50	21.40	19.78	24.97	5.15	106		0.37	
	75	18.90	19.71	25.53	4.30	84		0.52	
	100	16.20	19.64	26.10	4.48	83		0.71	
	125	14.80	19.60	26.35	4.60	83		0.73	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
11.v	0	20.40	19.76	25.20	5.05	102		0.24	
	10	20.40	19.76	25.20	5.06	102		0.22	
	20	20.35	19.78	25.25	4.99	101		0.16	
	30	20.30	19.77	25.25	4.99	100		0.25	
	40	20.25	19.79	25.30	4.95	100		0.22	
	50	20.20	19.77	25.28	4.95	99		0.14	
	75	20.30	19.77	25.25	5.11	103		0.15	
	100	18.70	19.70	25.57	4.55	89		0.35	
	125	18.70	19.70	25.57	4.38	86		0.38	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 3.vi	0	19.90	19.79	25.38	5.27	105		0.83	
	10	19.90	19.79	25.38	5.20	104		0.95	
	20	19.85	19.80	25.40	5.20	104		0.95	
	30	19.85	19.79	25.38	5.20	104		0.92	
	40	19.85	19.80	25.40	5.20	104		1.53	
	50	19.80	19.79	25.40	5.11	102		1.64	
	75	19.70	19.78	25.41	5.11	102		1.70	
	100	18.20	19.72	25.72	4.65	90		1.05	
	125	18.00	19.72	25.77	4.95	96		1.04	
25.vi	0	18.00	19.76	25.82	5.25	101		0.77	
	10	18.00	19.76	25.82	5.25	101		0.90	
	20	18.00	19.76	25.82	5.25	101		0.84	
	30	18.00	19.76	25.82	5.25	101		0.90	
	40	18.00	19.76	25.82	5.25	101		0.84	
	50	17.90	19.76	25.84	5.25	101		0.84	
	75	17.15	19.68	25.93	4.86	92		1.10	
	100	15.90	19.64	26.17	4.90	91		1.14	
	125	14.00	19.52	26.40	4.60	82		0.90	
15.vii	0	16.60	19.71	26.10	5.31	100		0.82	
	10	16.50	19.71	26.12	4.34	81		0.59	
	20	16.25	19.69	26.15	4.96	93		0.99	
	30	16.20	19.68	26.14	4.96	92		1.42	
	40	16.20	19.68	26.14	4.96	92		0.95	
	50	16.10	19.68	26.17	4.93	92		0.84	
	75	16.20	19.68	26.14	4.93	92		0.92	
	100	16.00	19.66	26.17	4.81	89		0.91	
	125	15.80	19.65	26.19	4.84	89		1.16	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.viii	0	15.00	19.69	26.42	5.57	101		1.05	
	10	15.00	19.69	26.42	5.60	102		0.46	
	20	15.00	19.69	26.42	5.60	102		0.61	
	30	15.00	19.69	26.42	5.49	100		0.48	
	40	15.00	19.69	26.42	5.62	102		0.63	
	50	14.90	19.69	26.45	5.60	101		0.62	
	75	14.70	19.67	26.47	5.62	101		1.24	
	100	14.05	19.65	26.58	5.66	101		0.48	
	125	13.60	19.65	26.67	5.62	99		0.73	
17.ix	0	17.00	19.72	26.01	5.92	112		0.52	
	10	17.00	19.70	26.00	6.00	114		0.48	
	20	16.90	19.70	26.02	5.90	112		0.54	
	30	16.70			5.90			0.78	
	40	16.20	19.70	26.19	5.48	102		0.71	
	50	15.50	19.63	26.24	5.02	92		0.77	
	75	13.40	19.52	26.51	4.93	87		0.97	
	100	12.70	19.48	26.60	4.87	84		1.34	
	125	12.70	19.50	26.63	5.02	87		1.05	
11.x	0	16.90	19.62	25.90	5.75	108		1.19	
	10	16.80	19.62	25.93	5.75	108		0.76	
	20	16.70	19.66	26.00	5.75	108		0.70	
	30	16.70	19.66	26.00	5.71	107		0.66	
	40	16.30	19.69	26.15	5.39	101		0.63	
	50	14.90	19.62	26.33	5.13	93			
	75	14.20	19.55	26.39	4.69	84		0.92	
	100	14.25	19.55	26.38	4.81	86		1.00	
	125	14.20	19.55	26.39	4.81	86		0.83	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°27' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.xi	0	18.20	19.29	25.11	5.56	107		0.75	
	10	18.20	19.30	25.13	5.56	107		0.81	
	20	18.20	19.33	25.18	5.56	107		0.91	
	30	18.30	19.38	25.23	5.52	107		0.78	
	40	18.20	19.44	25.34	5.36	103		0.90	
	50	16.00	19.62	26.12	5.00	93		0.91	
	75	14.90	19.60	26.33	4.78	87		1.05	
	100	13.60	19.52	26.47	4.72	83		1.14	
	125	13.50	19.55	26.54	4.66	82		0.91	
3.xii	0	19.50	19.59	25.20	5.24	102		0.41	
	10	19.50	19.59	25.20	5.28	103		0.72	
	20	19.30	19.60	25.29	5.32	104		1.19	
	30	18.80	19.62	25.42	4.74	93		0.94	
	40	15.10	19.59	26.25	4.40	80		1.32	
	50	14.70	19.58	26.34	4.29	77		1.12	
	75	14.70	19.65	26.43	5.09	92		0.72	
	100	14.20	19.65	26.53	5.20	93		0.68	
	125	13.00	19.54	26.63	4.70	82		1.93	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 26.ii	0	24.10	19.72	24.11	4.69	100		0.38	
	10	24.00	19.71	24.13	4.72	101		0.41	
	20	23.30	19.73	24.36	4.81	102		0.30	
	30	20.30	19.69	25.14	4.20	84		0.63	
	40	18.80	19.69	25.53	3.86	76		0.73	
	50	17.35	19.64	25.82	3.98	76		0.75	
	75	15.80	19.59	26.12	3.98	73		0.74	
	100	14.10	19.54	26.41	4.27	76		0.65	
125	12.80	19.46	26.56	4.27	74		0.80		
19.iii	0	25.20	19.79	23.85	4.69	102		0.19	
	10	25.20	19.79	23.85	4.69	102		0.24	
	20	25.20	19.80	23.86	4.66	102		0.23	
	30	25.10	19.80	23.90	4.63	101		0.23	
	40	24.90	19.80	23.95	4.63	101		0.22	
	50	24.80	19.81	24.00	4.64	101		0.30	
	75	24.60	19.81	24.06	4.66	101		0.21	
	100	21.90	19.78	24.82	4.23	87		0.37	
125	19.00	19.66	25.44	4.92	97		0.67		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.90	19.73	24.77	5.10	105		0.43	
	10	21.85	19.73	24.78	5.02	104		0.42	
	20	21.50	19.73	24.88	5.04	103		0.40	
	30	21.50	19.73	24.88	5.07	104		0.42	
	40	21.50	19.73	24.88	5.04	103		0.43	
	50	21.85	19.73	24.78	5.10	105		0.41	
	75	17.60	19.64	25.76	4.84	93		0.70	
	100	15.55	19.57	26.14	4.45	82		0.74	
	125	14.40	19.59	26.24	4.89	88		0.71	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.v	0	21.25	19.79	25.02	5.05	103		0.12	
	10	20.50	19.78	25.20	5.02	101		0.27	
	20	20.40	19.78	25.23	4.93	99		0.25	
	30	20.30	19.78	25.26	4.95	100		0.17	
	40	20.30	19.78	25.26	4.95	100		0.16	
	50	20.30	19.78	25.26	5.02	101		0.18	
	75		19.78		4.90			0.19	
	100	20.25	19.78	25.28	4.99	100		0.22	
	125	19.30	19.71	25.43	4.49	89		0.24	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 3.vi	0	20.00	19.80	25.36	5.11	102		0.56	
	10	20.00	19.80	25.36	5.11	102		0.69	
	20	20.00	19.81	25.37	5.11	102		0.91	
	30	20.00	19.81	25.37	5.05	101		0.81	
	40	20.00	19.79	25.35	5.08	102		0.55	
	50	19.85	19.79	25.39	5.02	100		0.47	
	75	18.50	19.79	25.73	5.20	101		0.56	
	100	18.70	19.79	25.68	5.24	103		1.75	
	125	17.40	19.72	25.92	5.15	98		0.78	
25.vi	0	17.90	19.76	25.84	5.28	102		1.03	
	10	17.90	19.76	25.84	5.31	102		0.53	
	20	17.80	19.76	25.87	5.31	102			
	30	17.75	19.76	25.88	5.28	101		1.02	
	40	17.65	19.76	25.90	5.25	101		0.84	
	50	17.50	19.74	25.94	5.25	100		0.93	
	75	16.90	19.68	25.99	4.90	92		1.29	
	100	15.50	19.60	26.19	4.34	80		0.93	
	130	13.60	19.51	26.47	4.66	82		1.32	
15.vii	0	17.75	19.79	25.92	5.36	103		1.12	
	10	17.70	19.79	25.94	5.19	100		1.08	
	20	17.70	19.79	25.94	5.30	102		0.99	
	30	17.65	19.79	25.95	5.24	101		0.82	
	40	17.60	19.79	25.96	5.19	99		1.22	
	50	17.30	19.78	26.02	5.24	100		0.72	
	75	17.20	19.76	26.02	5.19	99		1.16	
	100	16.60	19.73	26.12	5.21	98		0.71	
	130	15.90	19.67	26.19	4.96	92		1.04	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.viii	0	14.70	19.69	26.50	5.43	98		0.52	
	10	14.70	19.69	26.50	5.49	99		0.76	
	20	14.70	19.69	26.50	5.60	101		0.48	
	30	14.70	19.69	26.50	5.55	100		0.49	
	40	14.60	19.69	26.51	5.66	102		0.76	
	50	14.30	19.67	26.55	5.62	101		0.58	
	75	13.90	19.63	26.58	5.60	100			
	100	13.00	19.61	26.74	5.66	99		0.92	
130	13.35	19.69	26.78	5.55	98		0.67		
17.ix	0	17.60	19.73	25.89	5.60	107		0.61	
	10	17.40	19.75	25.95	5.77	110		0.56	
	20	17.00	19.73	26.03	5.90	112		0.48	
	30	17.00	19.73	26.03	5.84	111		0.58	
	40	16.80	19.73	26.08	5.81	110		0.58	
	50	16.40	19.72	26.17	5.70	107		0.62	
	75	14.30	19.59	26.42	4.83	87		1.05	
	100	13.50	19.56	26.55	5.00	88		0.86	
135	12.30	19.47	26.66	4.93	85		1.01		
11.x	0	17.00	19.62	25.88	5.87	111		0.67	
	10	16.75	19.67	26.00	5.87	110		0.60	
	20	16.50	19.67	26.07	5.87	110		0.75	
	30	16.40	19.70	26.14	5.58	104		0.66	
	40	16.30	19.70	26.17	5.42	101		0.70	
	50	16.10	19.72	26.23	5.42	101		0.70	
	75	16.00	19.68	26.21	5.39	100		0.63	
	100	14.20	19.54	26.38	4.75	85		0.83	
130	14.00	19.53	26.40	4.75	85		1.02		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°32' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N	
1959 12.xi	0	17.95	19.16	25.01	5.61	107		0.60		
	10	17.95	19.16	25.01	5.61	107		0.61		
	20	19.10	19.60	25.34	5.39	106		0.78		
	30	19.00	19.60	25.36	5.36	105		0.69		
	40	16.60	19.65	26.02	4.78	90		0.78		
	50	15.60	19.60	26.18	4.47	82		0.86		
	75	14.70	19.59	26.35	4.60	83		0.91		
	100	13.70	19.55	26.50	4.63	82		1.14		
	130	13.10	19.49	26.54	4.66	81		1.56		
	3.xii	0	19.60	19.62	25.20	5.17	103		0.51	
		10	19.60	19.62	25.20	5.24	104		0.51	
		20		19.69		5.42			0.51	
		30	17.10	19.74	26.01	5.11	97		0.49	
		40	16.40	19.74	26.18	5.45	102		1.19	
50		15.90	19.70	26.25	5.06	94		0.68		
75		14.70	19.64	26.41	5.06	91		0.77		
100		13.80	19.61	26.56	5.06	90		1.13		
130		13.60	19.61	26.60	5.02	89		1.03		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 26.ii	0	24.00	19.70	24.12	4.87	104		0.37	
	25	21.50	19.70	24.84	4.39	90		0.54	
	50	18.10	19.65	25.65	3.86	75		0.73	
	75	15.90	19.58	26.08	4.01	74		0.75	
	100	14.40	19.52	26.32	4.07	73		0.87	
	150	13.00	19.48	26.55	4.03	70		0.87	
	200	12.55	19.45	26.61	4.52	78		0.81	
	300	10.45	19.33	26.84	4.44	73		1.16	
	500	8.40	19.19	26.97	4.50	71		1.17	
19.iii	0	25.00	19.82	23.95	4.69	102		0.22	
	25	24.80	19.82	24.02	4.77	103		0.47	
	50	24.50	19.82	24.11	4.72	102		0.27	
	75	24.10	19.82	24.22	4.77	102		0.29	
	100	21.80	19.78	24.85	4.60	95		0.35	
	150	19.70	19.74	25.37	4.46	89		0.36	
	200	16.90	19.61	25.88	4.92	93		0.58	
	300	14.00	19.54	26.42	4.49	80		0.60	
	500	8.90	19.22	26.93	4.44	70		1.08	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.60	19.61	24.69	5.15	106		0.36	
	25	21.60	19.73	24.86	5.12	105		0.39	
	50	20.95	19.74	25.05	5.07	103		0.38	
	75	18.00	19.63	25.64	4.03	78		0.63	
	100	15.95	19.59	26.08	4.23	78		0.79	
	150	13.10	19.50	26.56	4.78	84		0.82	
	200	12.60	19.48	26.63	5.23	90		0.91	
	300	10.20	19.28	26.81	4.99	82		1.11	
	500	8.60	19.18	26.94	4.63	73		1.37	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ ‰ Sat.	pH	Inorg. P	NO ₃ -N
1959 11.v	0	21.50	19.78	24.93	5.06	104		0.19	
	25	20.60	19.78	25.17	5.06	102		0.19	
	50	20.35	19.78	25.25	5.05	102		0.16	
	75	20.30	19.78	25.26	4.99	100		0.16	
	100	20.30	19.78	25.26	4.95	100		0.19	
	150	18.05	19.68	25.70	4.55	88		0.41	
	200	16.80	19.59	25.87	4.43	83		0.42	
	300	11.90	19.38	26.64	4.63	79		0.66	
500	9.10	19.20	26.87	4.55	72		1.08		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 3.vi	0	18.30	19.78	25.77	5.48	106		0.54	
	25	18.15	19.76	25.78	4.83	94		0.47	
	50	18.00	19.76	25.81	5.39	104		0.47	
	75	17.70	19.75	25.88	5.36	103		0.78	
	100	17.50	19.73	25.90	5.39	103		1.01	
	150	16.30	19.66	26.10	5.11	95		0.54	
	200	15.15	19.58	26.22	4.55	83		1.07	
	300	12.70	19.46	26.58	4.89	85		3.76	
500	8.60	19.19	26.93	4.58	72		0.86		
25.vi	0	17.80	19.74	25.84	5.34	103		0.65	
	25	17.70	19.74	25.87	5.28	101		0.80	
	50	17.50	19.74	25.92	5.28	101		0.54	
	75	17.45	19.74	25.93	5.28	101		0.75	
	100	17.40	19.74	25.94	5.25	101		0.61	
	150	15.90	19.63	26.15	4.90	91		0.75	
	200	15.00	19.56	26.23	4.63	84		0.71	
	300	12.30	19.43	26.63	4.77	82		1.29	
500	9.55	19.24	26.86	4.71	76		1.39		
15.vii	0	17.80	19.79	25.91	5.24	101		1.18	
	25	17.80	19.79	25.91	5.24	101		1.18	
	50	17.80	19.79	25.91	5.30	102		0.67	
	75	17.80	19.79	25.91	5.19	100		0.86	
	100	17.75	19.79	25.92	5.19	100		0.86	
	150	15.30	19.63	26.28	4.69	86		0.78	
	200	13.90	19.62	26.56	5.02	89		1.28	
	300	11.60	19.40	26.72	4.78	81		1.21	
500	9.00	19.22	26.92	4.81	76		1.40		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.viii	0	15.30	19.71	26.39	5.46	100			
	25	15.30	19.71	26.39	5.46	100			
	50	15.20	19.71	26.41	5.43	99		0.42	
	75	14.60	19.68	26.50	5.43	98		0.73	
	100	13.00	19.52	26.61	4.78	83		1.33	
	150	12.10	19.45	26.69	4.60	79		1.47	
	200	13.00	19.63	26.77	5.60	98		0.76	
	300	13.00	19.68	26.85	5.76	101		0.87	
	500	11.70	19.56	26.92	5.49	93		0.90	
17.ix	0	18.20	19.79	25.81	5.80	112		0.76	
	25	17.90	19.77	25.85	5.55	107		0.64	
	50	17.00	19.72	26.01	5.17	98		0.71	
	75	16.00	19.67	26.19	5.02	93		1.26	
	100	15.00	19.64	26.36	5.28	96		0.84	
	150	13.70	19.60	26.57	5.40	96		0.92	
	200	12.50	19.47	26.62	4.77	82		0.94	
	300	11.20	19.38	26.77	4.83	81		1.14	
	500	8.80	19.20	26.92	4.75	75		1.70	
11.x	0	17.30	19.68	25.89	5.93	113		0.83	
	25	16.80	19.69	26.03	5.96	112		0.64	
	50	16.50	19.72	26.14	5.63	106		0.59	
	75	16.30	19.72	26.19	5.58	104		0.85	
	100	16.10	19.69	26.20	5.46	102		0.50	
	150	15.70	19.69	26.29	5.33	98		0.73	
	200	15.00	19.59	26.30	4.99	91		0.86	
	300	11.80	19.40	26.68	4.99	85		1.04	
	500	7.80	19.14	26.98	4.55	70		1.51	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°36' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.xi	0	18.00	19.30	25.19	5.48	105		0.47	
	25	19.30	19.63	25.33	5.34	106		0.49	
	50	17.50	19.67	25.81	5.02	96		0.56	
	75	15.70	19.62	26.18	4.69	86		0.69	
	100	14.30	19.58	26.43	4.78	86		0.69	
	150	13.30	19.51	26.53	4.93	86		0.91	
	200	12.10	19.45	26.69	4.78	82		1.01	
	300	10.65	19.32	26.78	4.78	79		1.80	
500	8.60	19.18	26.93	4.69	74		1.69		
3.xii	0	19.80	19.70	25.30	5.06	101		0.33	
	25	17.80	19.71	25.81	4.96	95		0.49	
	50	16.35	19.71	26.17	4.89	91		0.62	
	75	15.35	19.67	26.33	4.55	83		0.76	
	100	14.60	19.65	26.45	5.06	91		0.74	
	150	13.90	19.64	26.59	5.11	91		0.83	
	200	13.50	19.59	26.60	5.02	89		0.57	
	300	11.80	19.46	26.75	4.96	84		1.34	
500	9.30	19.26	26.92	4.74	76		1.33		

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 26.ii	0	23.85	19.57	23.97	5.07	108		0.45	
	25	20.10	19.67	25.16	4.17	84		0.62	
	50	18.05	19.66	25.67	3.81	74		0.70	
	75	16.10	19.58	26.04	3.98	74		0.84	
	100	15.50	19.56	26.14	3.83	70		0.86	
	150	13.90	19.51	26.41	4.27	76		0.88	
	200	12.70	19.43	26.54	4.11	71		1.00	
	300	11.10	19.38	26.78	4.50	75		0.99	
	500	8.80	19.21	26.93	4.50	71		1.19	
19.iii	0	24.70	19.82	24.04	4.81	104		0.22	
	25	24.20	19.82	24.19	4.81	103		0.22	
	50	24.00	19.82	24.26	4.72	101		0.28	
	75	23.90	19.83	24.30	4.69	100		0.32	
	100	22.35	19.79	24.70	4.74	99		0.44	
	150	19.80	19.76	25.37	4.60	92		0.50	
	200	17.90	19.65	25.70	4.03	78		0.41	
	300	14.30	19.54	26.36	4.36	78		0.74	
	500	9.50	19.24	26.87	4.38	70		1.32	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.iv	0	21.20	19.72	24.95	5.42	110		0.43	
	25	21.10	19.72	24.98	5.20	106		0.47	
	50	20.50	19.72	25.13	5.11	103		0.52	
	75	17.00	19.60	25.85	3.88	73		0.82	
	100	15.30	19.54	26.15	3.98	73		0.92	
	150	13.05	19.45	26.50	4.23	74		1.01	
	200	12.00	19.41	26.65	4.49	77		1.02	
	300	10.30	19.29	26.80	4.43	73		1.10	
	500	8.20	19.16	26.95	4.60	72		1.36	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.v	0	21.50	19.80	24.96	4.99	102		0.16	
	25	20.70	19.76	25.13	4.90	99		0.19	
	50	20.45	19.77	25.20	4.95	100		0.11	
	75	20.40	19.77	25.21	4.95	100		0.21	
	100	20.35	19.77	25.23	4.95	100		0.22	
	150	17.90	19.67	25.72	3.76	72		0.41	
	200	16.45	19.59	25.96	4.24	79		0.45	
	300	12.50	19.43	26.58	4.55	78		0.63	
	500	9.60	19.23	26.83	4.11	66		0.91	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959									
3.vi	0	17.95	19.76	25.82	5.48	106		0.84	
	25	17.70	19.76	25.89	5.55	107		0.83	
	50	17.30	19.72	25.93	5.55	106		0.94	
	75	16.90	19.70	26.01	5.30	100		0.94	
	100	16.50	19.66	26.05	5.11	96		1.66	
	150	15.30	19.59	26.21	4.49	82		0.91	
	200	14.70	19.56	26.30	4.55	82		0.84	
	300	12.55	19.46	26.61	4.71	81		1.07	
	500	9.10	19.22	26.90	4.75	76		1.54	
25.vi	0	18.30	19.76	25.75	5.28	103		0.92	
	25	18.30	19.76	25.75	5.25	102		0.88	
	50	18.30	19.76	25.75	5.22	101		0.65	
	75	18.20	19.76	25.77	5.16	100		0.62	
	100	18.10	19.75	25.78	5.16	100		0.72	
	150	17.00	19.68	25.97	4.95	94		0.74	
	200	14.90	19.54	26.24	4.49	81		0.99	
	300	12.60	19.44	26.58	4.75	82		1.06	
	500	9.10	19.20	26.88	4.86	77		1.74	
15.vii	0	18.20	19.79	25.82	5.30	103		0.63	
	25	18.10	19.79	25.84	5.36	104		0.54	
	50	17.90	19.79	25.89	5.36	103		0.59	
	75	17.40	19.77	25.98	5.30	101		0.62	
	100	17.40	19.75	25.95	5.26	100		0.65	
	150	15.50	19.62	26.22	4.44	81		1.05	
	200	13.85	19.53	26.45	4.47	79		0.84	
	300	11.80	19.43	26.72	4.66	79		1.08	
	500	9.30	19.23	26.88	4.61	74		1.62	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.viii	0	15.20	19.69	26.39	5.55	101		0.67	
	25	14.80	19.69	26.49	5.60	101		0.67	
	50	14.60	19.66	26.48	5.49	99		0.76	
	75	14.30	19.64	26.52	5.36	96		1.10	
	100	14.10	19.63	26.54	5.23	94		0.96	
	150	13.80	19.52	26.45	4.86	86		0.86	
	200	11.80	19.42	26.71	4.69	79		1.47	
	300	10.70	19.35	26.82	4.69	78		1.37	
	500	9.00	19.23	26.94	4.72	75		1.62	
17.ix	0	18.35	19.77	25.74	5.65	110		0.52	
	25	18.10	19.77	25.80				0.64	
	50	17.50	19.74	25.91	5.30	101		0.73	
	75	16.50	19.73	26.16	5.70	107		0.65	
	100	16.10	19.72	26.24	5.48	102		0.74	
	150	12.90	19.47	26.55	4.69	82		1.08	
	200	12.50	19.46	26.61	4.96	86		1.02	
	300	11.00	19.36	26.77	4.83	80		1.40	
	500	8.75	19.18	26.91	4.66	74		1.74	
11.x	0	17.30	19.72	25.94	5.87	112		0.50	
	25	16.70	19.72	26.09	5.77	109		0.70	
	50	16.60	19.72	26.11	5.60	105		0.66	
	75	16.20	19.71	26.20	5.39	100		0.64	
	100	16.00	19.68	26.21	5.27	98		0.69	
	150	15.50	19.66	26.29	5.27	97		0.61	
	200	14.50	19.60	26.40	5.13	92		0.81	
	300	11.65	19.38	26.69	4.81	81		1.10	
	500	8.70	19.17	26.89	4.75	75		1.38	

Station: BATEMAN BAY

Latitude: 35°43' S.

Longitude: 150°40' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.xi	0	19.70	19.70	25.32	5.30	106		0.89	
	25	19.70	19.70	25.32	5.30	106		0.53	
	50	16.90	19.67	25.97	4.93	93		0.50	
	75	15.50	19.62	26.23	4.78	88		0.64	
	100	14.90	19.62	26.35	4.81	87		0.71	
	150	13.70	19.56	26.51	5.05	90		0.60	
	200	12.80	19.49	26.60	4.90	85		0.85	
	300	11.00	19.36	26.78	4.72	79		0.89	
	500	8.50	19.18	26.95	4.60	72		1.48	
3.xii	0	20.00	19.70	25.23	5.11	102		0.46	
	25	18.25	19.72	25.70	5.32	103		0.82	
	50	17.00	19.72	26.01	5.00	95		0.64	
	75	15.75	19.66	26.22	4.53	84		0.72	
	100	14.90	19.62	26.33	4.55	82		1.16	
	150	13.30			4.42				
	200	12.80	19.52	26.64	4.42	77		0.86	
	300	11.10	19.39	26.80	4.45	74		1.02	
	500	8.80	19.23	26.97	4.85	77		1.21	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°48' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.iv	0	21.60	19.75	24.88	4.90	101		0.56	
	10	21.60	19.76	24.89	4.93	101		0.48	
	20	21.55	19.76	24.90	4.99	102		0.41	
	30	21.50	19.76	24.92	5.02	103		0.44	
	40	21.65	19.76	24.87	5.05	104		0.43	
	50	20.60	19.74	25.13	4.96	100		0.43	
	60	18.20	19.65	25.62	4.96	96		0.69	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°48' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 9.v	0	21.15	19.74	24.99	4.66	95		0.34	
	10	21.10	19.74	25.00	5.02	102		0.23	
	20	21.10	19.74	25.00	5.02	102		0.28	
	30	21.10	19.74	25.00	4.93	100		0.34	
	40	21.05	19.74	25.01	4.95	101		0.34	
	50	20.60	19.70	25.08	4.78	97		0.16	
	75	19.00	19.67	25.45	4.42	87		0.47	
	100	17.50	19.63	25.76	4.24	81		0.56	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°48' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	19.00	19.72	25.53	5.07	100		0.71	
	10		19.72		5.18			0.63	
	20	19.00	19.72	25.53	5.11	101		0.37	
	30	19.00	19.72	25.53	5.15	101		0.94	
	40	18.80	19.72	25.58	4.99	98		0.63	
	50	18.90	19.72	25.55	5.07	100		0.80	
	75	18.80	19.73	25.59	4.60	90		0.69	
	100	18.50	19.73	25.66	5.11	100		0.69	
26.vi	0	17.70	19.76	25.89	5.31	102		0.62	
	10	17.70	19.75	25.88	5.28	101		0.80	
	20	17.40	19.74	25.94	5.25	100		0.71	
	30	17.30	19.74	25.97	5.22	99		0.80	
	40	17.30	19.73	25.95	5.25	100		0.58	
	50	17.40	19.73	25.93	5.25	100		0.49	
	75	17.05	19.73	26.02	5.25	100		0.65	
	100	16.70	19.70	26.06	5.10	96		0.99	
16.vii	0	17.15	19.76	26.00	5.36	102		0.56	
	10	17.10	19.68	25.93	5.36	102		0.56	
	20	17.05	19.78	26.07	5.30	101		0.25	
	30	17.10	19.78	26.07	5.30	101		0.56	
	40	16.80	19.76	26.12	5.30	100		0.79	
	50	16.90	19.76	26.10	5.24	99		0.60	
	75	15.80	19.66	26.21	4.91	91			
	100	15.00	19.62	26.33	4.64	84		0.81	
15.viii	0	17.60	19.79	25.96	5.23	100		1.00	
	10	17.60	19.78	25.94	5.23	100		1.75	
	20	17.10	19.76	26.04	5.04	96		0.69	
	30	16.10	19.69	26.20	4.95	92		0.81	
	40	15.60	19.67	26.28	5.06	93		0.65	
	50	15.30	19.67	26.34	5.36	98		1.33	
	75	15.10	19.67	26.38	5.52	101		0.98	
	100	14.70	19.67	26.46	5.62	101		0.59	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°48' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 18.ix	0	16.25	19.65	26.10	6.08	113		0.74	
	10	16.20	19.65	26.11	6.15	115		0.96	
	20	15.50	19.63	26.25	5.10	94		0.84	
	30	14.70	19.59	26.34	5.02	91		0.94	
	40	14.30	19.58	26.42	4.77	86		1.28	
	50	13.85	19.55	26.46	4.80	85		1.00	
	75	13.00	19.51	26.59	4.69	82		1.10	
	100	13.00	19.53	26.61	4.80	84		1.17	
15.x	0	16.80	19.72	26.07	5.77	109		0.49	
	10	16.75	19.72	26.08	5.75	108		0.60	
	20	16.70	19.75	26.13	5.71	108		0.41	
	30	16.70	19.74	26.12	5.66	107		0.56	
	40	16.70	19.72	26.10	4.69	107		0.45	
	50	16.25	19.67	26.13	5.21	97		0.60	
	75	14.30	19.58	26.41	5.13	92		0.74	
	100	14.25	19.57	26.40	5.13	92		0.74	
13.xi	0	18.50	19.37	25.15	5.42	105		0.63	
	10	18.50	19.44	25.27	5.42	105		0.46	
	20	18.20	19.50	25.41	5.22	101		0.53	
	30	17.00	19.55	25.78	4.90	93		0.55	
	40	16.50	19.55	25.90	4.90	92		0.74	
	50	14.90	19.58	26.28	4.66	84		0.83	
	75	13.90	19.58	26.50	4.66	83		1.48	
	100	13.90	19.58	26.50	4.66	83		2.67	
4.xii	0	18.60	19.50	25.32	5.50	107		0.39	
	10	18.60	19.50	25.32	5.50	107		0.51	
	20	18.40	19.50	25.37	5.38	104		0.40	
	30	17.90	19.50	25.49	5.38	103		0.52	
	40	17.10	19.50	25.69	5.55	105		0.59	
	50	15.70	19.56	26.10	5.12	94		0.82	
	75	13.90	19.56	26.47	4.45	79		0.34	
	100	13.60	19.54	26.50	4.40	78		0.72	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°50' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.ii	0	23.40	19.43	23.91	4.75	100		0.40	
	10	22.70	19.51	24.22	4.99	104		0.42	
	20	20.80	19.52	24.77	5.05	102		0.48	
	30	18.80	19.54	25.33	4.58	89		0.64	
	40	17.90	19.57	25.59	4.42	85		0.80	
	50	16.65	19.54	25.84	4.17	78		0.91	
	75	15.00	19.49	26.14	4.15	75		0.92	
	90	13.20	19.44	26.46	4.28	75		1.10	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°52' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.iv	0	21.60	19.76	24.89	5.05	104		0.50	
	10	21.60	19.76	24.89	5.08	104		0.43	
	20	21.60	19.76	24.89	5.02	103		0.41	
	30	21.55	19.76	24.90	5.05	104		0.42	
	40	21.05	19.76	25.04	5.08	104		0.42	
	50	21.05	19.75	25.03	4.87	99		0.48	
	75	13.20	19.50	26.54	4.81	84		0.90	
	100	12.20	19.44	26.66	4.96	85		1.03	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°52' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 9.v	0	22.40	19.80	24.70	4.87	101		0.29	
	10	22.40	19.80	24.70	4.87	101			
	20	22.40	19.80	24.70	4.84	101		0.30	
	30	22.35	19.80	24.71	4.84	101		0.24	
	40	22.00	19.78	24.79				0.24	
	50	21.65	19.76	24.87	4.93	101		0.32	
	75	20.90	19.75	25.06	4.90	100		0.22	
	100	19.60	19.71	25.36	4.49	89		0.48	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°52' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	19.80	19.74	25.35	5.24	104		0.63	
	10	19.80	19.74	25.35	5.20	104		0.38	
	20	19.70	19.75	25.38	5.20	104		0.55	
	30	19.25	19.73	25.48	5.18	102		0.23	
	40	19.00	19.71	25.51	4.92	97		0.63	
	50	18.95	19.71	25.52	4.92	97		0.58	
	75	18.85	19.70	25.54	4.92	96		0.40	
	100	18.70	19.74	25.62	4.95	97		0.38	
	125	15.40	19.56	26.15	4.71	86		1.06	
26.vi	0	18.20	19.77	25.78	5.28	103		0.88	
	10	18.15	19.77	25.79	5.25	102		0.90	
	20	18.10	19.77	25.80	5.25	102		0.71	
	30	18.10	19.77	25.80	5.25	102		0.84	
	40	18.15	19.77	25.79	5.25	102		0.93	
	50	18.05	19.77	25.81	5.22	101		0.84	
	75	18.15	19.77	25.79	5.02	97		0.65	
	100	17.00	19.69	25.98	4.66	88		0.80	
	125	16.60	19.67	26.04	4.89	92		0.93	
16.vii	0	17.30	19.78	26.02	5.36	102		0.76	
	10	17.30	19.78	26.02	5.36	102		0.75	
	20	17.30	19.78	26.02	5.30	101		0.99	
	30	17.20	19.76	26.02	5.34	102		0.60	
	40	17.20	19.77	26.04	5.40	103		0.73	
	50	17.10	19.77	26.03	5.40	102		0.48	
	75	16.80	19.77	26.14	5.19	98		0.53	
	100	15.90	19.68	26.21	4.86	90		0.65	
	125	14.50	19.58	26.39	4.66	84		0.83	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°52' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.viii	0	16.60	19.75	26.15	5.33	100		0.55	
	10	16.60	19.75	26.15	5.33	100		0.50	
	20	16.50	19.74	26.16	5.33	100		0.45	
	30	16.30	19.72	26.19	5.26	98		0.46	
	40	15.70	19.68	26.27	5.23	96		0.79	
	50	15.60	19.68	26.29	5.39	99		0.73	
	75	15.25	19.66	26.33	5.39	99		0.74	
	100	14.40	19.63	26.48	5.02	90		0.79	
	125	13.00	19.58	26.70	5.18	90		0.63	
18.ix	0	17.20	19.74	26.00	5.90	112		0.51	
	10	17.15	19.74	26.01	5.90	112		0.48	
	20	17.10	19.74	26.02	5.90	112		0.57	
	30	16.10	19.70	26.21	5.22	97		0.98	
	40	15.50	19.68	26.33	5.22	96		0.89	
	50	14.90	19.63	26.36	5.10	92		0.92	
	75	14.20	19.61	26.49	5.02	90		1.05	
	100	13.20	19.55	26.60	5.08	89		1.01	
	125	13.00	19.52	26.60	4.96	87		1.04	
15.x	0	17.20	19.73	25.99	5.69	108		0.64	
	10	17.15	19.75	26.01	5.75	109		0.48	
	20	17.10	19.75	26.03	5.75	109		0.41	
	30	16.95	19.75	26.07	5.71	108		0.64	
	40	16.80	19.73	26.08	5.69	107		0.48	
	50	16.50	19.72	26.14	5.60	105		0.39	
	75	15.90	19.68	26.24	5.33	99		0.48	
	100	15.00	19.63	26.35	5.10	93		0.64	
	125	13.65	19.55	26.50	4.99	88		0.85	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°52' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.xi	0	20.30	19.75	25.21	5.20	105		3.36	
	10	20.10	19.75	25.28	5.20	104		0.50	
	20	20.00	19.75	25.30	5.20	104		0.37	
	30	20.00	19.75	25.30	5.20	104		0.54	
	40	19.70	19.73	25.36	5.20	104		0.74	
	50	18.15	19.67	25.66	4.96	96		0.62	
	75	14.80	19.59	26.31	4.52	82		1.05	
	100	14.60	19.58	26.35	4.56	82		0.88	
	125	14.50	19.58	26.37	4.52	81		1.09	
4.xii	0	19.00	19.52	25.23	5.24	103		0.48	
	10	19.00	19.52	25.23	5.24	103		0.36	
	20	17.80	19.56	25.60	5.32	102		0.73	
	30	15.80	19.58	26.11	4.85	89		0.52	
	40	14.80	19.61	26.36	4.83	87		0.91	
	50	14.70	19.62	26.39	4.74	86		0.96	
	75	13.50	19.52	26.49	4.65	82		1.03	
	100	12.70	19.49	26.62	4.47	77		1.20	
	125	12.70	19.47	26.59	4.47	77		1.30	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°55' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.ii	0	22.40	19.41	24.17	5.05	105		0.44	
	10	22.00	19.39	24.26	5.02	103		0.50	
	20	19.65	19.54	25.09	4.75	94		0.60	
	30	18.75	19.54	25.34	4.75	93		0.61	
	40	15.60	19.52	26.05	4.17	77		0.91	
	50	15.10	19.51	26.14	4.12	73		1.02	
	75	13.80	19.44	26.34	4.17	74		1.04	
	100	13.00	19.44	26.50	4.42	77		1.07	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°57' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.iv	0	21.50	19.78	24.94	5.20	107		0.38	
	20	21.20	19.77	25.01	5.05	103		0.40	
	45	21.00	19.76	25.05	4.99	101		0.41	
	70	20.40	19.75	25.20	4.96	100		0.44	
	95	13.70	19.51	26.45	4.52	80		0.91	
	120	12.65	19.30	26.65	4.58	79		0.85	
	145	11.75	19.43	26.73	5.02	85		0.98	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°57' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
9.v	0	22.35	19.81	24.72	5.05	105		0.24	
	10	22.40	19.81	24.71	4.95	103		0.27	
	20	22.40	19.81	24.71	4.87	101		0.28	
	30	22.40	19.81	24.71	4.87	101		0.31	
	40	22.35	19.80	24.71	4.84	101		0.35	
	50	22.35	19.80	24.71	4.87	101		0.34	
	75	22.60	19.80	24.64	4.87	102		0.31	
	100	21.00	19.73	25.01	4.72	96		0.32	
	150	17.50	19.65	25.79	4.38	84		0.47	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°57' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	20.05	19.75	25.30	5.26	105		0.57	
	10	20.00	19.75	25.31	5.18	104		0.35	
	20	19.95	19.75	25.32	5.20	104		0.34	
	30	19.95	19.75	25.32	5.18	104		0.71	
	40	19.90	19.75	25.34	5.26	105		0.48	
	50	19.90	19.75	25.34	5.15	103		0.46	
	75	19.85	19.75	25.35	5.07	101		0.61	
	100	19.50	19.75	25.43	4.92	98		0.68	
	150	14.70	19.50	26.21	4.60	83		0.89	
	26.vi	0	18.45	19.78	25.73	5.28	103		0.75
10		18.50	19.78	25.72	5.31	104		0.63	
20		18.45	19.78	25.73	5.19	101		0.93	
30		18.40	19.77	25.73	5.16	100		1.23	
40		18.30	19.77	25.76	5.19	101		0.90	
50		18.30	19.77	25.76	5.19	101		0.76	
75		18.40	19.77	25.73	5.25	102		0.90	
100		18.20	19.77	25.78	5.14	100		0.75	
130		17.30	19.69	25.90	4.84	92		1.24	
16.vii	0	17.30	19.78	26.02	5.26	100		1.06	
	10	17.30	19.78	26.02	5.26	100		0.69	
	20	17.30	19.78	26.02	5.34	102		0.73	
	30	17.25	19.78	26.03	5.34	102		0.63	
	40	17.30	19.78	26.02	5.24	100		0.85	
	50	17.20	19.78	26.04	5.36	102		0.63	
	75	17.20	19.78	26.04	5.34	102		0.88	
	100	16.00	19.69	26.21	4.94	92		0.69	
	135	14.50	19.58	26.39	4.69	84		0.90	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°57' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.viii	0	17.60	19.79	25.95	5.26	101		0.71	
	10	17.60	19.79	25.95	5.30	102		0.66	
	20	17.50	19.79	25.98	5.30	102		0.35	
	30	16.70	19.72	26.09	4.84	91		0.75	
	40	16.50	19.71	26.12	5.09	95		0.70	
	50	16.25	19.71	26.18	5.18	97		0.79	
	75	15.95	19.69	26.23	5.20	96		0.81	
	100	12.95	19.55	26.66	4.98	87		1.10	
	130	12.80	19.54	26.67	5.02	87		0.60	
18.ix	0	17.30	19.72	25.95	5.80	110		0.73	
	10	17.20	19.72	25.97	5.81	110		0.74	
	20	17.10	19.72	26.00	5.87	112		0.74	
	30	17.05	19.72	26.01	5.92	112		0.65	
	40	16.30	19.71	26.18	5.58	104		0.84	
	50	15.30	19.67	26.34	5.22	95		0.80	
	75	14.35	19.60	26.44	4.96	89		1.34	
	100	12.50	19.50	26.68	5.00	86		1.14	
	150	12.40	19.47	26.65	5.00	86		1.02	
15.x	0	17.30	19.75	25.98	5.60	107		0.48	
	10	17.30	19.75	25.98				0.44	
	20	17.20	19.74	26.00				0.51	
	30	17.20	19.74	26.00	5.63	107		0.44	
	40	17.20	19.74	26.00				0.63	
	50	17.10	19.74	26.02	5.71	108		0.46	
	75	16.60	19.72	26.11	5.60	105		0.40	
	100	15.50	19.68	26.32	5.46	100		0.58	
	130	14.05	19.54	26.40	4.81	86		1.08	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 150°57' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.xi	0	20.90	19.76	25.07	5.20	106		0.66	
	10	20.30	19.78	25.28	5.26	106		0.47	
	20	20.30	19.77	25.25	5.26	106		0.39	
	30	20.00	19.76	25.32	5.14	103		0.38	
	40	19.15	19.74	25.51	4.66	92		0.60	
	50	18.20	19.72	25.72	4.50	87		0.83	
	75	16.80	19.65	25.97	4.25	80		0.79	
	100	16.10	19.65	26.13	4.60	85		0.87	
	130	13.30	19.53	26.56	4.78	84		0.98	
4.xii	0	19.70	19.58	25.15	5.20	103		0.53	
	10	19.60	19.57	25.14	5.18	103		0.60	
	20	17.50	19.57	25.67	5.06	97		0.43	
	30	15.00	19.61	26.32	4.74	86		0.56	
	40	14.40	19.61	26.45	4.71	85		0.61	
	50	14.20	19.60	26.47	4.77	85		0.69	
	75	13.50	19.58	26.59	4.96	87		0.66	
	100	13.20	19.55	26.60	4.96	87		1.21	
	130	12.70	19.50	26.63	4.61	80		0.91	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°01' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.1v	0	21.35	19.77	24.96	5.15	105		0.42	
	25	21.35	19.77	24.96	5.10	104		0.43	
	50	21.20	19.76	25.00	5.02	102		0.41	
	75	18.60	19.71	25.61	4.78	93		0.60	
	100	13.20	19.52	26.57	4.96	87		0.81	
	150	11.70	19.42	26.73	4.99	84		0.93	
	200	11.70	19.40	26.70	5.05	85		0.99	
	300	10.40	19.31	26.81	4.96	81		1.01	
	500	8.40	19.18	26.96	4.96	78		1.31	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°01' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
9.v	0	22.45	19.80	24.68	4.93	103		0.23	
	25	22.45	19.80	24.68	4.84	101		0.25	
	50	22.50	19.80	24.67	4.90	102		0.23	
	75	22.50	19.80	24.67	4.90	102		0.24	
	100	21.60	19.77	24.89	4.47	92		0.31	
	150	19.50	19.72	25.39	4.38	87		0.36	
	200	17.55	19.62	25.73	4.14	79		0.56	
	300	14.10	19.50	26.35	4.30	77		0.79	
	500	9.50	19.27	26.90	4.55	73		1.10	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°01' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	19.95	19.79	25.37	5.26	105		0.81	
	25	19.90	19.79	25.38	5.26	105		0.41	
	50	19.90	19.79	25.38	5.21	104		1.06	
	75	19.90	19.79	25.38	5.19	104		0.46	
	100	19.85	19.79	25.39	5.08	101		0.31	
	150	15.40	19.59	26.19	4.43	81		1.23	
	200	13.50	19.47	26.43	4.60	81		1.23	
	300	11.80	19.41	26.69	4.65	79		0.78	
500	8.75	19.20	26.92	4.69	74		1.90		
26.vi	0	18.50	19.79	25.73	5.34	104		0.71	
	25	18.50	19.79	25.73	5.22	102		1.19	
	50		19.79		5.25			0.66	
	75	18.50	19.79	25.73	5.08	99		0.58	
	100	18.30	19.76	25.74	4.94	96		1.10	
	150	17.80	19.76	25.87	5.10	98		0.84	
	200	15.70	19.59	26.14	4.94	91		1.03	
	300	13.10	19.46	26.51	4.94	86		1.06	
500	9.60	19.24	26.85	4.52	73		1.55		
16.vii	0	17.20	19.78	26.02	4.96	94		0.48	
	25	17.30	19.78	26.00	5.13	98		0.56	
	50	17.25	19.78	26.01	5.34	102		0.56	
	75	17.20	19.78	26.02	5.39	101		0.65	
	100	17.20	19.68	25.91	5.07	96		0.78	
	150	15.00	19.60	26.31	4.94	90		0.75	
	200	13.40	19.50	26.50	4.55	80		0.76	
	300	11.30	19.38	26.75	4.66	78		1.03	
500	9.10	19.23	26.92	4.72	75		1.35		

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°01' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.viii	0	17.60	19.77	25.93	5.26	101		0.60	
	25	17.50	19.78	25.97	5.26	101			
	50		19.79		5.26			0.68	
	75	17.30	19.79	26.03	5.23	100		0.84	
	100	16.15	19.67	26.15	4.60	86		0.98	
	150	13.80	19.57	26.51	4.63	82		0.73	
	200	12.90	19.54	26.65	4.98	87		0.96	
	300	13.00	19.63	26.77	5.49	96		0.60	
	500	12.20	19.55	26.80	5.23	90		0.81	
18.ix	0	18.00	19.77	25.83	5.67	109		0.93	
	25	17.80	19.77	25.88	5.58	107		0.71	
	50	16.00	19.69	26.22	4.96	92		0.81	
	75	15.10	19.65	26.35	5.22	95		1.01	
	100	13.90	19.56	26.47	5.02	89		1.04	
	150	12.90	19.52	26.62	5.17	90		1.20	
	200	11.90	19.43	26.70	4.83	82		1.13	
	300	10.40	19.32	26.82	4.83	79		1.37	
	500	8.40	19.17	26.94	4.69	74		1.73	
15.x	0	17.30	19.75	25.98	5.63	107		0.44	
	25	17.30	19.75	25.98	5.71	109		0.40	
	50	16.70	19.74	26.11	5.58	105		0.50	
	75	16.60	19.74	26.14	5.66	106		0.49	
	100	16.20	19.70	26.19	5.30	99		0.63	
	150	15.10	19.64	26.34	5.27	96		0.50	
	200	14.10	19.58	26.46	5.10	91		0.73	
	300	12.00	19.42	26.67	4.90	84		0.99	
	500	8.80	19.18	26.90	4.93	78		1.23	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°01' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.xi	0	20.40	19.75	25.19	5.29	107		0.46	
	25	19.30	19.75	25.48	5.00	99		0.60	
	50	18.50	19.69	25.61	5.48	107		0.50	
	75	17.10	19.66	25.91	4.25	81		0.68	
	100	16.60	19.75	26.15	5.30	100		0.47	
	150	14.60	19.55	26.31	4.32	78		1.19	
	200	12.80	19.46	26.56	4.43	77		1.02	
	300	11.40	19.39	26.74	4.69	79		1.18	
	500	9.00	19.21	26.91	4.75	176		1.77	
4.xii	0	19.90	19.63	25.15	5.15	104		0.30	
	25	16.50	19.63	26.01	4.40	82		0.91	
	50	14.80	19.63	26.38	4.55	82		0.78	
	75	13.40	19.58	26.61	4.50	79		0.56	
	100	13.20	19.58	26.65	5.04	88		0.61	
	150	13.10	19.57	26.65	4.97	87		1.13	
	200	13.10	19.56	26.64	4.97	87		0.68	
	300	12.80	19.54	26.66	4.91	85		0.73	
	500	9.30	19.27	26.93	4.49	72		1.15	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°05' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.iv	0	21.30	19.77	24.98	5.15	105		0.57	
	25	21.25	19.77	25.00	5.31	108		0.42	
	50	20.80	19.75	25.09	5.08	103		0.43	
	75	20.70	19.75	25.12	5.11	103		0.48	
	100	13.70	19.52	26.46	4.55	81		1.01	
	150	12.10	19.45	26.70	5.26	90		0.99	
	200	11.95	19.40	26.65	4.81	82		1.04	
	300	9.60	19.25	26.87	5.08	82		1.27	
	500	7.80	19.15	27.00	4.66	72		1.71	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°05' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
9.v	0	22.50	19.81	24.68	4.84	101		0.16	
	25	22.50	19.81	24.68	4.84	101		0.26	
	50	22.45	19.80	24.68	4.84	101		0.29	
	75	22.30	19.80	24.73	4.84	101		0.27	
	100	20.70	19.73	25.09	4.17	84		0.38	
	150	19.30	19.72	25.44	4.33	86		0.43	
	200	19.20	19.65	25.38	4.27	84		0.51	
	300	14.90	19.54	26.23	4.20	76		0.67	
	500	10.30	19.25	26.74	4.43	73		0.97	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°05' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	19.95	19.81	25.38	5.15	103		0.49	
	25	19.90	19.81	25.39	5.20	104		0.54	
	50		19.80		5.15			1.54	
	75	19.70	19.80	25.43	5.19	103		0.94	
	100	18.55	19.72	25.63	4.71	92		0.64	
	150	16.35	19.63	26.04	4.37	82		0.89	
	200	14.10	19.54	26.40	4.55	81		1.07	
	300	12.15	19.43	26.65	4.65	80		1.38	
	500	9.10	19.25	26.94	4.63	74		1.55	
26.vi	0	18.50	19.77	25.71	5.19	101		0.75	
	25	18.50	19.77	25.71	5.19	101		0.68	
	50		19.77		5.16			0.65	
	75	18.50	19.77	25.71	5.16	101		0.67	
	100	18.50	19.77	25.71	5.16	101		0.75	
	150	18.10	19.73	25.76	4.89	95		0.80	
	200	16.60	19.64	26.00	4.46	84		1.03	
	300	13.60	19.48	26.43	4.41	78		1.23	
	500	10.00	19.26	26.81	4.13	67		1.23	
16.vii	0	17.50	19.78	25.97	5.21	100		0.56	
	25	17.50	19.78	25.97	5.26	101		0.74	
	50	17.40	19.78	25.99	5.26	100		0.56	
	75	17.40	19.78	25.99	5.26	100		0.56	
	100	16.80	19.73	26.07	5.07	96		1.00	
	150	15.40	19.64	26.27	4.99	91		1.06	
	200	13.40	19.53	26.54	4.64	82		1.03	
	300	11.70	19.40	26.70	4.64	79		1.15	
	500	9.10	19.23	26.92	4.61	73		1.32	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°05' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 15.viii	0	17.80	19.80	25.93	5.26	101		0.60	
	25	17.50	19.80	25.99	5.26	101		0.60	
	50	17.45	19.80	26.00	5.26	101		0.79	
	75	15.90	19.67	26.21	4.72	87		1.06	
	100	14.80	19.62	26.37	4.90	89		0.96	
	150	13.30	19.54	26.57	5.04	88		0.83	
	200	13.20	19.59	26.67	5.30	93		0.71	
	300	12.60	19.59	26.79	5.23	90		0.94	
	500	10.00	19.29	26.86	4.75	77		1.48	
18.ix	0	18.30	19.77	25.76	5.55	108		0.57	
	25	18.00	19.77	25.83	5.55	107		0.63	
	50	17.00	19.72	26.02	5.20	98		0.67	
	75	15.45	19.66	26.30	5.20	95		0.65	
	100	13.80	19.53	26.45	4.71	84		1.08	
	150	12.70	19.50	26.64	4.83	84		1.50	
	200	11.80	19.40	26.68	4.77	81		1.24	
	300	10.80	19.37	26.82	4.96	82		1.68	
	500	8.40	19.20	26.99	4.69	74		1.77	
15.x	0	17.40	19.75	25.95	5.69	109		0.39	
	25	17.30	19.75	25.99	5.75	110		0.41	
	50	16.80	19.74	26.09	5.63	106		0.61	
	75	16.60	19.73	26.13	5.58	105		0.48	
	100	16.50	19.73	26.15	5.58	105		0.49	
	150	15.20	19.63	26.31	4.93	90		0.70	
	200	14.10	19.55	26.41	4.72	84		0.79	
	300	11.80	19.40	26.68	4.74	80		0.88	
	500	8.80	19.19	26.91	4.99	79		1.20	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°05' E.

Date	Depth (m.)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 13.xi	0	20.60	19.76	25.15	5.20	105		0.68	
	25	20.10	19.79	25.33	5.20	104		0.56	
	50	19.30	19.79	25.53	4.72	93		1.02	
	75	17.80	19.68	25.77	4.25	82		0.88	
	100	17.30	19.68	25.90	4.55	87		0.89	
	150	16.60	19.75	26.15	5.14	97		0.54	
	200	15.10	19.57	26.23	4.29	77		1.06	
	300	12.90	19.47	26.55	4.29	75		1.18	
	500	9.70	19.28	26.90	4.43	72		1.68	
4.xii	0	20.00	19.66	25.16	5.18	104		0.39	
	25	18.00	19.61	25.61	5.32	103		0.35	
	50	15.00	19.63	26.35	4.55	83		0.78	
	75	13.80	19.57	26.50	4.49	80		0.59	
	100	13.20	19.53	26.58	4.61	81		0.73	
	150	13.00	19.54	26.63	5.06	88		0.93	
	200	12.80	19.54	26.67	5.00	87		0.87	
	300	11.85	19.45	26.73	4.97	86		0.87	
	500	8.70	19.23	26.98	4.55	72		1.34	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°09' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 9.v	0	22.40	19.80	24.70	4.87	101		0.24	
	25	22.30	19.84	24.78	4.87	101		0.23	
	50	22.30	19.80	24.73	4.99	104		0.24	
	75		19.80		4.78			0.24	
	100	21.05	19.73	25.00	4.24	86		0.34	
	150	19.00	19.71	25.51	4.36	86		0.49	
	200		19.67		4.27			0.53	
	300	14.75	19.55	26.28	4.24	77		0.71	
	500	9.90	19.31	26.89	4.43	72		0.96	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°09' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.vi	0	20.00	19.81	25.38	5.20	104		0.92	
	25	19.90	19.81	25.40	5.20	104		0.43	
	50	19.90	19.81	25.40	4.55	91		1.04	
	75	19.10	19.77	25.55	5.11	101		0.89	
	100	18.70	19.77	25.66	5.26	103		1.11	
	150	16.90	19.68	25.98	5.08	96		1.21	
	200	14.00	19.53	26.41	4.55	81		1.07	
	300	12.10	19.43	26.66	5.05	86		1.15	
	500	9.10	19.21	26.88	4.83	77		1.69	
16.vii	0	17.40	19.78	25.99	5.09	97		0.68	
	25	17.40	19.78	25.99	5.24	100		0.63	
	50	17.40	19.80	26.03	5.24	100		0.50	
	75	17.40	19.80	26.03	5.21	100		0.74	
	100	17.40	19.79	26.01	5.24	100		0.65	
	150	15.50	19.64	26.25	4.79	88		0.88	
	200	13.70	19.55	26.52	4.63	82		0.56	
	300	11.80	19.43	26.72	4.79	81		0.90	
	500	9.10	19.23	26.92	4.57	73		1.75	
15.viii	0	18.10	19.78	25.82	5.18	100		0.70	
	25	17.90	19.78	25.87	5.43	105		0.74	
	50	17.30	19.77	26.00	5.36	102		0.68	
	75	17.20	19.77	26.03	5.11	97		0.71	
	100	15.70	19.64	26.21	4.60	85		0.98	
	150	13.80	19.59	26.54	5.11	91		0.95	
	200	13.30	19.62	26.69	5.30	93		0.75	
	300	13.35	19.67	26.75	5.60	99		0.89	
	500	10.70	19.38	26.87	4.90	81		1.10	

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°09' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P.	NO ₃ -N
1959 18.ix	0	18.10	19.77	25.80	5.70	110		0.48	
	25	17.60	19.70	25.84	5.74	110		0.51	
	50	16.50	19.70	26.11	5.25	98		0.74	
	75	15.25	19.65	26.33	5.25	96		0.80	
	100	13.55	19.45	26.40	4.63	82		0.93	
	150	12.70	19.50	26.64	4.96	86		1.28	
	200	11.50	19.39	26.72	4.66	78		1.40	
	300	10.80	19.37	26.82	4.96	82		1.20	
500	8.40	19.18	26.97	4.60	72		1.65		
15.x	0	17.40	19.75	25.95	5.87	112		0.50	
	25	17.30	19.75	25.98	5.66	108		0.51	
	50	16.70	19.75	26.13	5.52	104		0.40	
	75	16.10	19.70	26.21	5.45	101		0.40	
	100	15.90	19.70	26.26	5.49	102		0.60	
	150	15.20	19.66	26.35	5.33	97		0.64	
	200	13.70	19.53	26.47	4.87	86		0.85	
	300	12.20	19.44	26.65	4.99	85		0.91	
500	8.60	19.18	26.94	4.81	76		1.54		
13.xi	0	20.70	19.80	25.17	5.20	105		0.53	
	25	20.10	19.80	25.34	5.20	104		0.56	
	50	19.30	19.80	25.54	4.96	98		0.63	
	75	18.50	19.76	25.70	4.69	91		0.83	
	100	17.40	19.68	25.87	4.32	82		0.76	
	150	16.10	19.65	26.14	4.52	84		0.87	
	200	14.90	19.56	26.26	4.32	78		0.79	
	300	12.70	19.46	26.59	4.25	74		1.05	
500	9.80	19.27	26.86	4.60	75		1.21		

Station: JERVIS BAY

Latitude: 35°07' S.

Longitude: 151°09' E.

Date	Depth (m)	Temp. °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.xii	0	20.00	19.64	25.15	5.29	106		0.39	
	25	18.50	19.60	25.48	5.53	108		0.36	
	50	15.10	19.59	26.27	4.29	78		0.64	
	75	14.30	19.62	26.47	4.85	87		0.63	
	100	13.20	19.54	26.59	4.61	81		0.69	
	150	12.65	19.52	26.66	4.67	81		0.73	
	200	12.30	19.47	26.67	4.79	82		0.78	
	300	11.20	19.42	26.80	5.35	90		1.12	
	500	8.80	19.25	26.99	4.49	71		1.56	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
14.i	0	21.85	19.74	24.79					
	10	21.50	19.74	24.89					
	20	20.80	19.71	25.04					
	30	16.75	19.59	25.90					
	40	14.15	19.51	26.35					
	50	13.30	19.47	26.47					
29.i	0	20.90	19.70	25.01					
	10	19.60	19.68	25.32					
	20	17.85	19.60	25.63					
	30	14.80	19.47	26.16					
	40	14.10	19.46	26.30					
	50	13.85	19.46	26.35					
17.ii	0	19.20	19.62	25.34					
	10	18.50	19.62	25.51					
	20	16.20	19.55	25.97					
	30	15.60	19.55	26.10					
	40	14.30	19.52	26.34					
	50	13.45	19.47	26.44					
24.ii	0	19.65	19.64	25.25	4.96	99		0.25	
	10	18.90	19.62	25.41	5.22	102		0.30	
	20	18.20	19.60	25.55	5.07	98		0.28	
	30	17.90	19.59	25.61	4.99	96		0.35	
	40	16.90	19.55	25.80	4.81	91		0.47	
	50	12.70	19.44	26.56	4.23	73		0.67	
18.iii	0	21.55	19.60	24.68	4.99	102		0.19	
	10	21.50	19.60	24.69	4.99	102		0.19	
	20	21.50	19.60	24.69	4.93	101		0.25	
	30	21.70	19.61	24.65	4.44	91		0.21	
	40	21.50	19.59	24.68	4.52	92		0.19	
	50	21.40	19.58	24.70	4.66	95		0.22	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.iv	0	21.75	19.77	24.86	5.00	103		0.37	
	10	21.70	19.78	24.88	5.00	103		0.33	
	20	21.70	19.78	24.88	4.95	102		0.40	
	30	21.85	19.77	24.83	4.89	101		0.40	
	40	21.70	19.77	24.87				0.41	
	50	21.80	19.78	24.85	4.95	102		0.51	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 12.v	0	19.90	19.75	25.34	5.05	101		0.22	
	10	19.80	19.75	25.36	5.11	102		0.21	
	20	19.70	19.75	25.38	5.11	102		0.22	
	30	19.70	19.75	25.38	5.11	102		0.22	
	40	19.70	19.75	25.38	5.11	102		0.21	
	50	19.50	19.75	25.43	5.06	100		0.21	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 2.vi	0	18.20	19.77	25.78	4.65	90		1.26	
	10	18.20	19.77	25.78	5.30	103		0.59	
	20	18.20	19.77	25.78	5.33	103		0.75	
	30	18.30	19.81	25.80	5.26	102		0.70	
	40	18.20	19.77	25.78	5.39	104		0.75	
	50	18.00	19.76	25.81	5.15	99		0.70	
24.vi	0	17.80	19.75	25.85	5.19	100		0.37	
	10	17.80	19.75	25.85	5.25	101		0.81	
	20	17.55	19.74	25.91	5.10	98		0.71	
	30	17.55	19.73	25.90	5.02	96		0.65	
	40	16.40	19.66	26.08	4.80	90		0.75	
	50	14.70	19.60	26.38	4.78	86		0.87	
14.vii	0	15.80	19.72	26.30	5.64	104		1.08	
	10	15.80	19.71	26.29	5.72	106		0.70	
	20	15.80	19.72	26.30	5.64	104		0.50	
	30	15.90	19.73	26.30	5.64	104		0.80	
	40	15.40	19.71	26.38	5.67	104		1.05	
	50	15.40	19.70	26.37	5.56	102		0.92	
11.viii	0	14.90	19.64	26.40	5.46	99		0.86	
	10	14.40	19.64	26.50	5.51	99		1.68	
	20	14.10	19.64	26.55	5.55	99		0.86	
	30	13.80	19.59	26.55	5.71	101		0.76	
	40	13.60	19.59	26.59	5.76	102		1.21	
	50	13.60	19.62	26.63	5.74	102		0.83	
16.ix	0	16.80	19.70	26.04	5.87	111		0.89	
	10	16.20	19.66	26.13	5.52	103		0.92	
	20	15.20	19.61	26.29	5.10	93		1.00	
	30	14.30	19.57	26.40	4.58	82		0.97	
	40	13.30	19.52	26.53	4.71	83		0.99	
	50	13.05	19.52	26.59	4.87	85		1.14	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°04' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 10.x	0	15.20	19.60	26.26	5.45	99		0.77	
	10	15.15	19.59	26.26	5.45	99		0.71	
	20	14.80	19.59	26.31	5.30	96		0.87	
	30	14.50	19.58	26.37	5.21	94		0.83	
	40	14.20	19.58	26.43	5.21	93		0.70	
	50	12.80	19.47	26.57	4.95	86		0.79	
11.xi	0	18.40	19.46	25.32	5.30	103		0.50	
	10	18.40	19.46	25.32	5.56	108		0.57	
	20	18.30	19.46	25.34	5.52	107		0.63	
	30	16.50	19.38	25.67	5.34	100		0.98	
	40	14.70	19.42	26.11	5.02	90		1.14	
	50	14.20	19.50	26.33	4.78	86		1.51	
2.xii	0	17.70	19.42	25.42	5.38	101		1.13	
	10	17.65	19.43	25.46	5.48	105		0.90	
	20	16.70	19.46	25.72	5.24	96		1.45	
	30	15.70	19.52	26.03	5.06	93		0.74	
	40	14.90	19.52	26.20	4.83	87		0.60	
	50	14.70	19.52	26.24	4.65	84		0.68	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 14.i	0	22.00	19.75	24.76					
	10	21.75	19.75	24.83					
	20	19.65	19.68	25.31					
	30	17.10	19.60	25.82					
	40	16.60	19.59	25.93					
	50	15.25	19.56	26.18					
	75	13.15							
	100	11.90	19.44	26.72					
29.i	0	22.50	19.78	24.66					
	10	22.50	19.78	24.66					
	20	22.50	19.78	24.66					
	30	20.80	19.72	25.06					
	40	18.50	19.65	25.55					
	50	15.20	19.55	26.18					
	75	12.90	19.45	26.35					
	100	12.40	19.42	26.59					
17.ii	0	19.80	19.64	25.20					
	10	19.80	19.62	25.17					
	20	18.00	19.62	25.63					
	30	16.35	19.59	25.99					
	40	15.25	19.57	26.20					
	50	14.85	19.55	26.26					
	75	13.30	19.47	26.48					
	100	12.65	19.44	26.57					
24.ii	0	19.80	19.64	25.20	5.25	105		0.21	
	10	19.80	19.64	25.20	5.16	103		0.22	
	20	19.70	19.64	25.24	5.28	105		0.27	
	30	18.30	19.59	25.52	5.34	103		0.44	
	40	16.60	19.54	25.85	4.99	93		0.49	
	50	16.20	19.52	25.93	4.78	89		0.66	
	75	12.15	19.42	26.64	4.47	76		0.91	
	100	12.00	19.42	26.67	4.47	76		0.95	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
18.iii	0	21.40	19.60	24.72	4.99	102		0.22	
	10	21.40	19.60	24.72	4.86	99		0.19	
	20	21.40	19.59	24.71	4.66	95		0.22	
	30	21.40	19.59	24.71	4.99	102		0.21	
	40	21.30	19.58	24.72	4.66	95		0.35	
	50	21.30	19.57	24.71	4.96	101		0.38	
	75	14.95	19.47	26.14	4.17	75		0.76	
	100	13.70	19.44	26.35	4.00	71		0.73	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.iv	0	21.50	19.76	24.91	5.71	117		0.30	
	10	21.75	19.76	24.85	5.04	104		0.40	
	20	21.80	19.77	24.85	5.02	104		0.33	
	30	21.70	19.77	24.87	5.02	103		0.41	
	40	21.60	19.75	24.88	5.04	103		0.36	
	50	21.70	19.75	24.85	5.04	104		0.39	
	75	21.30	19.74	24.95	5.00	102		0.40	
	100	20.50	19.73	25.15	4.75	96		0.36	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 12.v	0	19.80	19.75	25.36	5.09	101		0.21	
	10	19.80	19.75	25.36	5.05	101		0.22	
	20	19.80	19.75	25.36	5.06	101		0.16	
	30	19.50	19.73	25.41	4.93	98		0.26	
	40	18.70	19.70	25.57	4.63	91		0.41	
	50	18.00	19.66	25.68	4.41	85		0.41	
	75	17.30	19.64	25.83	4.33	82		0.43	
	100	17.00	19.63	25.89	4.24	80		0.43	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 2.vi	0	18.35	19.77	25.74	5.33	104		0.76	
	10	18.30	19.77	25.76	5.30	103		0.58	
	20	18.30	19.77	25.76	5.30	103		0.75	
	30	18.30	19.79	25.78	5.15	100		0.73	
	40	18.30	19.79	25.78	5.26	102		0.71	
	50	18.30	19.77	25.76	5.26	102		1.02	
	75	18.30	19.77	25.76	4.89	95		0.68	
	100	16.00	19.61	26.10	4.83	89		0.70	
24.vi	0	18.00	19.76	25.82	5.25	101		0.52	
	10	18.00	19.76	25.82	5.25	101		0.81	
	20	17.85	19.76	25.83	5.25	101		0.92	
	30	17.90	19.76	25.84	5.19	100		0.99	
	40	17.90	19.76	25.84	5.23	101		0.95	
	50	17.40	19.70	25.89	5.10	97		1.33	
	75	14.70	19.55	26.30	4.38	79		1.39	
	100	14.00	19.59	26.51	4.96	89		0.99	
14.vii	0	17.00	19.76	26.06	5.46	103		0.58	
	10	17.00	19.76	26.06	5.46	103		0.59	
	20	16.60	19.73	26.13	5.40	101		0.67	
	30	16.60	19.72	26.12	5.43	102		0.79	
	40	16.50	19.72	26.13	5.36	100		0.55	
	50	16.40	19.72	26.14	5.40	101		0.90	
	75	15.60	19.68	26.29	5.36	99		0.68	
	100	14.30	19.62	26.48	5.21	94		0.75	
11.viii	0	15.75	19.69	26.27	5.57	103		1.18	
	10	15.70	19.65	26.22	5.43	100		0.76	
	20	15.00	19.65	26.37	5.36	97		0.96	
	30	14.70	19.65	26.44	5.55	100		0.92	
	40	14.40	19.65	26.51	5.60	101		0.99	
	50	14.00	19.64	26.58	5.86	104		0.42	
	75	13.50	19.65	26.70	5.76	102		0.58	
	100	13.30	19.66	26.75	5.76	101		0.59	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°09' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 16.ix	0	17.25	19.73	25.97	5.45	104		0.67	
	10	17.10	19.73	26.01	5.67	108		0.70	
	20	16.90	19.50	25.74	5.84	110		0.87	
	30	16.50	19.69	26.10	5.55	104		1.30	
	40	15.20	19.61	26.29	4.83	88		0.76	
	50	15.10	19.64	26.34	4.96	89		1.21	
	75	13.30	19.51	26.53	4.58	80		1.53	
	100	13.20	19.55	26.60				0.52	
10.x	0	15.20	19.59	26.25	5.69	104		1.26	
	10	15.20	19.59	26.25	5.66	103		0.54	
	20	15.10	19.59	26.27	5.58	101		0.89	
	30	14.70	19.58	26.33	5.30	96		0.64	
	40	14.40	19.57	26.37	5.15	93			
	50	14.35	19.57	26.39	5.15	92		0.63	
	75	14.05	19.57	26.45	5.15	92		0.93	
	100	11.80	19.38	26.65	4.95	84		0.84	
11.xi	0	18.60	19.53	25.36	5.70	111		0.58	
	10	18.60	19.53	26.36	5.56	108		0.48	
	20	18.50	19.52	26.36				0.42	
	30	17.60	19.52	25.58	5.36	102		0.67	
	40	15.90	19.60	26.11	4.78	88		0.67	
	50	15.50	19.59	26.18	4.78	88		0.67	
	75	14.20	19.57	26.41	4.82	86		0.76	
	100	13.90	19.55	26.46	4.78	85		0.80	
2.xii	0	19.25	19.56	25.22	5.50	108		0.73	
	10	19.20	19.56	25.24	5.35	106		0.47	
	20	19.30	19.56	25.21	5.32	105		0.62	
	30	16.50	19.67	26.06	5.55	104		0.54	
	40	16.10	19.71	26.22	5.77	107		0.67	
	50	15.50	19.71	26.36	5.50	101		0.60	
	75	13.90	19.59	26.52	4.65	83		0.89	
	100	13.80	19.59	26.54	4.61	82		0.87	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 14.i	0	22.40	19.77	24.66					
	25	20.60	19.74	25.13					
	50	17.20	19.66	25.88					
	75	15.20	19.60	26.25					
	100	14.10	19.55	26.42					
	125	13.40	19.53	26.54					
	150	12.65	19.47	26.61					
29.i	0	22.20	19.77	24.72					
	25	21.80	19.76	24.82					
	50	19.40	19.70	25.39					
	75	17.50	19.66	25.81					
	100	15.75	19.59	26.13					
	125	13.45	19.48	26.46					
	150	12.25	19.42	26.62					
17.ii	0	22.00	19.69	24.68					
	25	18.55	19.63	25.51					
	50	16.30	19.62	26.04					
	75	14.90	19.55	26.25					
	100	13.70	19.50	26.43					
	125	12.40	19.45	26.63					
	150	12.30	19.43	26.63					
24.ii	0	21.00	19.67	24.93	5.10	103		0.37	
	25	18.60	19.62	25.47	4.96	97		0.39	
	50	15.60	19.59	26.15	4.20	77		0.58	
	75	14.50	19.54	26.32	4.23	76		0.74	
	100	12.90	19.46	26.54	4.50	78		0.76	
	125	11.85	19.40	26.67	4.63	79		0.77	
	150	11.30	19.36	26.72	4.66	78		0.81	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959									
18.iii	0	23.00	19.70	24.41	4.66	98		0.35	
	25	22.70	19.68	24.47	4.86	102		0.32	
	50	20.30	19.61	25.03	4.36	88		0.45	
	75	18.00	19.57	25.55	4.30	83		0.63	
	100	15.50	19.51	26.06	4.10	75		0.71	
	125	13.50	19.45	26.41	4.17	73		0.77	
	150	13.10	19.44	26.48	4.23	74		0.77	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.iv	0	22.00	19.74	24.75	5.09	105		0.36	
	25	22.00	19.73	24.74	5.02	104		0.31	
	50	21.80	19.74	24.81	4.95	102		0.44	
	75	19.20	19.74	25.50	4.95	98		0.55	
	100	17.40	19.62	25.78	4.57	87		0.66	
	125	16.20	19.61	26.50	4.51	84		0.68	
	150	14.25	19.56	26.41	4.69	84		0.73	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 12.v	0	20.10	19.76	25.30	5.05	101		0.21	
	25	20.05	19.76	25.30	5.02	101		0.22	
	50	20.00	19.76	25.32	4.99	100		0.22	
	75	19.90	19.76	25.34	4.90	98		0.26	
	100	18.10	19.66	25.65	4.38	85		0.34	
	125	14.90	19.54	26.23	4.30	78		0.53	
	150	13.40	19.48	26.47	4.55	80		0.54	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 2.vi	0	19.20	19.76	25.52	5.42	107		0.71	
	25	18.60	19.77	25.68	5.33	104		0.54	
	50	18.50	19.77	25.71	5.26	103		0.56	
	75	18.50	19.77	25.71	5.20	101		0.71	
	100	18.50	19.77	25.71	5.36	104		0.73	
	125	14.50	19.55	26.33	4.55	82		0.97	
	150	13.25	19.48	26.50	4.60	81		1.05	
24.vi	0	17.90	19.75	25.83	5.36	103		0.54	
	25	17.85	19.75	25.84	5.33	103		0.65	
	50	17.60	19.74	25.89	5.36	103		0.53	
	75	16.50	19.66	26.05	4.86	91		0.84	
	100	15.40	19.57	26.17	4.75	87		0.71	
	125	13.85	19.53	26.44	4.66	83		1.09	
	150	13.90	19.56	26.48	5.02	89		1.22	
14.vii	0	17.00	19.74	26.04	5.40	102		0.63	
	25	16.70	19.73	26.11	5.34	101		0.67	
	50	16.50	19.73	26.15	5.40	101		1.08	
	75	16.00	19.71	26.15	5.43	101		0.67	
	100	15.70	19.68	26.27	5.46	101		0.71	
	125	15.00	19.64	26.36	5.30	96		1.04	
	150	13.50	19.53	26.53	4.84	85		1.34	
11.viii	0	16.00	19.72	26.26	5.39	100		0.61	
	25	15.95	19.69	26.23	5.30	98		0.46	
	50	15.75	19.68	26.25	5.30	98		0.67	
	75	14.40	19.62	26.46	5.18	93		0.67	
	100	14.00	19.65	26.60	5.62	100		0.58	
	125	13.60	19.63	26.65	5.49	97		0.80	
	150	13.50	19.63	26.67	5.52	97		0.99	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°14' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 16.ix	0	17.50	19.73	25.91	5.67	108		0.51	
	25	17.50	19.73	25.91	5.45	104		0.58	
	50	16.90	19.71	26.04	5.25	99		1.05	
	75	15.80	19.68	26.26	5.55	103		0.90	
	100	13.50	19.52	26.49	4.77	84		1.14	
	125	13.50	19.56	26.55	5.36	95		1.24	
	150	13.00	19.56	26.66	5.48	96		0.85	
10.x	0	16.60	19.69	26.09	5.75	108		0.39	
	25	16.50	19.69	26.10	5.66	106		0.70	
	50	16.00	19.67	26.20	5.39	100		0.51	
	75	15.40	19.62	26.25	5.21	95		1.00	
	100	15.35	19.62	26.26	5.27	96		0.43	
	125	14.80	19.60	26.34	5.27	95		0.59	
	150	11.10	19.34	26.73	4.90	82		1.33	
11.xi	0	18.30	19.55	25.46	5.48	106		0.56	
	25	17.55	19.58	25.70	5.48	105		0.48	
	50	16.00	19.62	26.12	4.78	89		0.62	
	75	14.00	19.57	26.45	4.87	87		0.64	
	100	13.10	19.50	26.55	4.90	86		0.88	
	125	12.70	19.49	26.61	4.87	84		1.24	
	150	12.40	19.46	26.64	4.81	83		1.00	
2.xii	0	19.60	19.63	25.25	5.24	104		0.42	
	25	19.25	19.65	25.36	5.32	105		0.26	
	50	15.50	19.68	26.33	5.24	96		0.58	
	75	14.80	19.67	26.43	5.06	92		0.78	
	100	14.10	19.63	26.54	5.06	91		0.62	
	125	13.80	19.60	26.55	4.96	88		0.73	
	150	13.75	19.60	26.57	5.02	89		0.72	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 14.i	0	22.40	19.79	24.69					
	25	21.80	19.77	24.83					
	50	18.00	19.69	25.73					
	75	15.85	19.64	26.17					
	100	14.80	19.58	26.32					
	150	13.85	19.56	26.48					
	200	12.65	19.51	26.66					
	300	11.40	19.41	26.76					
29.i	0	22.40	19.78	24.68					
	25	22.40	19.78	24.68					
	50	20.40	19.71	25.14					
	75	17.90	19.68	25.74					
	100	16.45	19.64	26.04					
	150	14.50	19.56	26.35					
	200	13.30	19.49	26.51					
	300	11.80	19.39	26.67					
17.ii	0	23.75	19.75	24.25					
	25	20.20	19.64	25.10					
	50	18.20	19.64	25.61					
	75	16.10	19.61	26.07					
	100	14.80	19.56	26.29					
	150	13.60	19.51	26.47					
	200	12.60	19.45	26.59					
	300	11.60	19.38	26.70					
24.ii	0	22.50	19.69	24.54	4.93	103		0.41	
	25	22.30	19.69	24.59	5.05	105		0.42	
	50	16.90	19.62	25.90	4.14	78		0.55	
	75	15.30	19.58	26.20	4.41	81		0.75	
	100	14.10	19.53	26.40	4.41	79		0.76	
	150	12.70	19.40	26.56	4.60	80		0.76	
	200	11.60	19.37	26.68	4.39	74		0.75	
	300	10.50	19.30	26.78	4.72	78		0.87	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 18.iii	0	22.50	19.66	24.49	4.90	102		0.27	
	25	22.50	19.66	24.49	4.90	102		0.22	
	50	21.90	19.62	24.61	4.86	100		0.21	
	75	19.50	19.62	25.26	4.23	84		0.43	
	100	17.20	19.56	25.74	4.03	76		0.55	
	150	13.55	19.45	26.40	4.10	72		0.76	
	200	12.50	19.43	26.59	4.38	76		0.87	
	300	11.60	19.36	26.66	4.52	76		0.86	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.iv	0	21.90	19.74	24.78	5.01	103		0.34	
	25	21.90	19.74	24.78	5.04	104		0.47	
	50	19.80	19.73	25.35	4.43	88		0.49	
	75	18.15	19.69	25.70	4.41	85		0.62	
	100	16.80	19.62	25.92	4.44	84		0.72	
	150	15.00	19.58	26.28	4.47	81		0.73	
	200	13.10	19.50	26.56	4.75	83		0.73	
	300	11.30	19.49	26.90	5.04	85		0.93	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 12.v	0	20.45	19.80	25.25	5.06	102		0.37	
	25	20.50	19.80	25.24	4.99	101		0.34	
	50	20.35	19.80	25.29	4.90	99		0.25	
	75	20.20	19.78	25.30	4.95	99		0.25	
	100	18.15	19.68	25.68	4.38	85		0.44	
	150	14.50	19.54	26.32	4.43	80		0.63	
	200	13.50	19.51	26.48	4.66	82		0.64	
	300	11.90	19.39	26.64	4.66	79		0.75	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 2.vi	0	19.15	19.67	25.41	5.33	105		0.53	
	25	19.20	19.78	25.54	5.33	105		0.54	
	50	19.00	19.78	25.60	4.92	97		0.75	
	75	18.70	19.75	25.63	4.89	96		1.32	
	100	17.80	19.68	25.76	4.89	96		1.14	
	150	14.00	19.51	26.38	4.60	82		1.07	
	200	12.70	19.46	26.58	4.69	81		1.24	
	300	11.20	19.36	26.73	4.86	81		1.27	
24.vi	0	18.10	19.77	25.81	5.31	103		0.91	
	25	18.00	19.79	25.85	5.31	103		0.57	
	50	17.80	19.76	25.87	5.28	102		0.91	
	75	17.70	19.75	25.91	5.25	101		0.61	
	100	16.80	19.68	26.01	4.98	96		0.71	
	150	13.80	19.49	26.41	4.57	81			
	200	12.55	19.43	26.58	4.71	81			
	300	11.00	19.16	26.49	4.66	77			
14.vii	0	17.10	19.74	26.02	5.43	103		0.63	
	25	16.90	19.74	26.07	5.30	100		0.86	
	50	16.60	19.72	26.11	5.36	101		0.59	
	75	16.40	19.72	26.16	5.43	101		0.70	
	100	15.80	19.70	26.28	5.50	102		1.25	
	150	14.50	19.64	26.48	5.36	96		1.95	
	200	13.95	19.63	26.57	5.24	93		0.80	
	300	11.50	19.36	26.68	4.72	79		1.59	
11.viii	0	16.20	19.72	26.21	5.33	99		0.51	
	25	16.10	19.75	26.27	5.33	99		0.86	
	50	16.10	19.75	26.27	5.36	100		0.52	
	75	15.10	19.65	26.35	5.06	92		0.87	
	100	14.85	19.65	26.41	5.20	94		1.09	
	150	13.70	19.55	26.51	4.78	85		1.02	
	200	12.50	19.45	26.61	4.66	80		1.37	
	300	13.10	19.67	26.80	5.68	99		1.00	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°19' E.

Date	Depth (m.)	Temp. °C.	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 16.ix	0	17.80	19.73	25.84	5.45	105		0.67	
	25	17.70	19.81	25.96	5.45	105		0.51	
	50	17.50	19.75	25.93	5.48	105		0.80	
	75	16.40	19.67	26.09	5.08	95		1.00	
	100	15.30	19.70	26.40	5.70	104		0.59	
	150	13.30	19.51	26.53	4.77	84		0.96	
	200	12.40	19.43	26.60	4.58	79		1.05	
	300	11.10	19.35	26.74	5.10	85		1.18	
10.x	0	16.80	19.69	26.03	5.90	111		0.39	
	25	16.60	19.74	26.14	5.66	106			
	50	16.55	19.72	26.13	5.52	104		0.41	
	75	16.40	19.72	26.16	5.42	101		0.47	
	100	15.90	19.67	26.20	5.21	96		1.84	
	150	15.20	19.60	26.27	4.99	91		0.96	
	200	12.90	19.47	26.55	4.81	84		1.01	
	300	9.20	19.20	26.87	4.75	76		1.44	
11.xi	0	17.75	19.48	25.50	5.74	110		0.54	
	25	17.30	19.65	25.85	5.30	101		0.48	
	50	15.60	19.58	26.15	4.43	81		0.83	
	75	14.60	19.58	26.36	4.60	83		0.76	
	100	14.10	19.56	26.43	4.81	86		0.87	
	150	13.00	19.48	26.55	4.81	84		1.24	
	200	12.40	19.45	26.63	4.81	83		0.98	
	300	11.05	19.35	26.75	4.69	78		1.17	
2.xii	0	20.00	19.67	25.18	5.17	103		0.49	
	25	18.50	19.78	25.73	5.50	107		0.47	
	50	16.70	19.72	26.09	5.77	109		1.13	
	75	15.30	19.69	26.38	5.15	94		1.19	
	100	14.80	19.66	26.43	5.15	93		0.80	
	150	14.15	19.62	26.50	5.06	91		0.77	
	200	13.70	19.60	26.58	5.06	90		0.62	
	300	12.10	19.47	26.71	4.94	85		0.78	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 14.i	0	22.40	19.79	24.69					
	25	21.90	19.77	24.80					
	50	19.40	19.73	25.43					
	75	17.45	19.67	25.83					
	100	15.70	19.61	26.16					
	150	14.40	19.58	26.40					
	200	13.40	19.55	26.57					
	300	11.80	19.43	26.72					
	500	9.40	19.26	26.91					
29.i	0	22.90	19.80	24.56					
	25	22.85	19.80	24.58					
	50	20.50	19.74	25.16					
	75	17.75	19.67	25.76					
	100	16.00	19.62	26.11					
	150	14.50	19.55	26.34					
	200	13.55	19.51	26.48					
	300	11.76	19.39	26.68					
	500	9.00	19.21	26.91					
17.ii	0	24.00	19.75	24.17					
	25	22.65	19.69	24.49					
	50	19.10	19.68	25.44					
	75	17.00	19.63	25.89					
	100	16.10	19.59	26.05					
	150	14.40	19.55	26.36					
	200	13.00	19.47	26.54					
	300	11.20	19.35	26.73					
	500	9.00	19.21	26.90					

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 24.ii	0	22.70	19.70	24.49	4.99	104		0.30	
	25	22.40	19.69	24.56	4.99	104		0.27	
	50	18.50	19.65	25.55	4.30	84		0.57	
	75	16.10	19.60	26.05	4.11	76		0.56	
	100	15.10	19.57	26.23	4.23	76		0.71	
	150	13.55	19.50	26.46	4.44	78		0.68	
	200	12.90	19.48	26.57	4.63	81		0.81	
	300	11.30	19.36	26.72	4.52	76		0.93	
500	9.20	19.22	26.89	4.47	71		0.91		
18.iii	0	24.80	19.74	23.92	4.74	102		0.27	
	25	24.20	19.74	24.11	4.74	102		0.22	
	50	22.60	19.66	24.47	4.86	101		0.27	
	75	21.40	19.62	24.75	4.66	95		0.49	
	100	19.00	19.62	25.38	4.03	79		0.52	
	150	15.85	19.56	26.05	3.94	73		0.68	
	200	14.70	19.52	26.25	4.17	75		0.96	
	300	12.50	19.41	26.56	4.23	73		0.92	
500	9.70	19.23	26.82	4.63	75		1.14		

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 12.iv	0	21.55	19.73	24.87	5.04	103		0.42	
	25	21.50	19.73	24.88	5.04	103		0.42	
	50	21.45	19.72	24.88	5.10	105		0.42	
	75	20.20	19.72	25.21	5.00	100		0.45	
	100	18.00	19.65	25.67	4.14	80		0.69	
	150	14.80	19.59	26.33	4.33	78		0.88	
	200	12.55	19.51	26.68	4.84	84		0.95	
	300	11.10	19.41	26.83	5.00	83		0.96	
	500	8.60	19.22	26.97	4.78	75		1.66	

Station: **BERMAGUI**

Latitude: **36°26' S.**

Longitude: **150°23' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 12.v	0	20.60	19.80	25.20	5.02	101		0.30	
	25	20.35	19.78	25.25	5.05	102		0.16	
	50	20.30	19.78	25.26	4.95	100		0.24	
	75	20.30	19.78	25.26	4.95	100		0.23	
	100	19.45	19.72	25.49	4.30	85		0.53	
	150	15.05	19.55	26.20	4.20	76		0.60	
	200	13.70	19.52	26.45	4.58	81		0.60	
	300	12.55	19.46	26.61	4.95	85		0.65	
	500	9.30	19.20	26.83	4.63	74		1.14	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 2.vi	0	19.75	19.69	25.30	5.15	103		0.54	
	25	19.40	19.75	25.45	5.24	104		0.87	
	50	19.20	19.77	25.53	5.26	104		0.71	
	75	19.10	19.77	25.56	5.24	103		0.54	
	100	19.05	19.78	25.59	5.15	101		0.53	
	150	18.80	19.75	25.61	5.15	101		0.78	
	200	17.80	19.68	25.77	4.65	89		0.63	
	300	14.15	19.52	26.37	4.49	80		0.83	
	500	11.00	19.34	26.75	4.65	77		1.34	
24.vi	0	18.15	19.76	25.78	5.36	104			
	25	18.05	19.76	25.81	5.36	104			
	50	17.90	19.76	25.84	5.25	101			
	75	17.80	19.76	25.87	5.25	101			
	100	17.80	19.75	25.85	5.22	100			
	150	16.10	19.65	26.13	4.93	92			
	200	12.30	19.30	26.44	4.69	80			
	300	10.40	19.29	26.78	4.71	77			
	500	8.60	19.09	26.79	4.77	75			
14.vii	0	17.20	19.75	26.01	5.43	103		0.79	
	25	17.10	19.75	26.03	5.36	102		0.67	
	50	17.00	19.75	26.05	5.30	100		1.05	
	75	16.70	19.73	26.11	5.30	100		0.65	
	100	16.60	19.71	26.10	5.30	100		0.88	
	150	14.90	19.65	26.40	5.36	97		0.90	
	200	13.50	19.55	26.55	4.96	87		0.92	
	300	10.70	19.34	26.81	4.66	77		1.34	
	500	9.30	19.24	26.91	4.72	76		1.70	

Station: BERMAGUI

Latitude: 36°26' S.

Longitude: 150°23' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 11.viii	0	16.10	19.74	26.26	5.30	99		1.30	
	25	16.10	19.73	26.25	5.49	102		1.05	
	50	16.00	19.72	26.26	5.36	99		0.53	
	75	16.00	19.72	26.26	5.30	98		0.63	
	100	15.40	19.70	26.36	5.39	99		0.67	
	150	14.00	19.57	26.48	4.92	88		1.38	
	200	12.80	19.47	26.58	4.60	80		0.86	
	300	11.10	19.37	26.77	4.60	77		1.14	
500	9.30	19.24	26.90	4.72	76		1.52		
16.ix	0	18.20	19.79	25.81	5.55	108		0.73	
	25	18.15	19.80	25.83	5.48	106		0.66	
	50	17.85	19.77	25.86	5.40	104		0.61	
	75	16.10	19.67	26.16	5.20	97		0.63	
	100	15.30	19.65	26.31	5.10	93		0.67	
	150	14.00	19.57	26.46	5.15	92		0.97	
	200	12.60	19.45	26.59	4.83	83		1.62	
	300	11.00	19.35	26.76	4.63	77		1.61	
500	8.80	19.21	26.94	4.71	75		1.42		
10.x	0	16.50	19.70	26.11	5.69	107		0.58	
	25	16.60	19.75	26.15	5.71	107		0.50	
	50	16.55	19.71	26.11	5.63	106		0.51	
	75	16.50	19.72	26.13	5.60	105		0.68	
	100	16.40	19.71	26.15	5.45	102		0.63	
	150	15.80	19.69	26.27	5.33	99		0.79	
	200	14.75	19.59	26.33	5.10	92		0.66	
	300	11.05	19.33	26.72	4.72	84		0.93	
500	8.45	19.21	26.99	4.60	72		1.84		

Station: **BERMAGUI**Latitude: **36°26' S.**Longitude: **150°23' E.**

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 11.xi	0	17.70	19.50	25.53	5.74	110		0.74	
	25	17.40	19.60	25.76	5.74	109		0.52	
	50	16.25	19.64	26.09	4.81	90		0.63	
	75	15.20	19.60	26.27	4.72	86		0.76	
	100	14.20	19.56	26.41	4.84	87		0.76	
	150	13.70	19.58	26.54	5.39	96		0.73	
	200	13.30	19.55	26.58	5.26	92		0.84	
	300	11.20	19.36	26.74	4.55	76		1.15	
	500	8.60	19.17	26.90	4.63	73		1.43	
2.xii	0	20.40	19.72	25.15	5.06	102		0.27	
	25	20.40	19.72	25.15	5.17	104		0.87	
	50	17.15	19.72	25.98	5.24	100		1.07	
	75	15.80	19.70	26.29	5.02	93		1.03	
	100	14.90	19.65	26.40	5.00	91		0.85	
	150	14.00	19.62	26.53	5.24	94		0.42	
	200	13.20	19.57	26.63	5.06	89		0.90	
	300	11.70	19.43	26.73	4.94	84		1.07	
	500	9.00	19.23	26.93	4.85	77		1.58	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰ Sat.	pH	Inorg. P	NO ₃ -N
1959									
8.i	0	20.10	19.72	25.24	5.18	104		0.14	
	10	20.10	19.72	25.24	5.09	102		0.15	
	20	20.10	19.72	25.24	5.12	103		0.15	
	30	20.10	19.70	25.21	5.09	102		0.18	
	40	18.55	19.66	25.55	4.85	93		0.29	
	50	14.55	19.54	26.31	4.38	77		0.49	
12.i	0	20.90	19.74	25.06	5.13	104		0.06	
	10	20.90	19.74	25.06	5.09	103		0.06	
	20	20.30	19.72	25.18	5.18	104		0.10	
	30	18.75	19.67	25.51	4.89	96		0.22	
	40	14.30	19.54	26.37	4.27	77		0.47	
	50	13.70	19.50	26.43	4.32	76		0.39	
22.i	0	16.15	19.55	25.98	5.83	109		0.45	
	10	15.85	19.54	26.03	5.31	98		0.38	
	20	14.70	19.51	26.24	4.25	77		0.55	
	30	14.60	19.50	26.25	4.71	85		0.35	
	40	14.30	19.50	26.31	4.71	84		0.47	
	50	13.70	19.49	26.43	4.43	78		0.54	
27.i	0	17.35	19.58	25.74	6.10	116		0.11	
	10	17.30	19.58	25.75	6.14	117		0.87	
	20	15.20	19.52	26.14	5.60	102		0.35	
	30	15.05	19.50	26.14	5.48	99		0.13	
	40	14.75	19.50	26.21	5.39	97		0.36	
	50	14.15	19.49	26.33	5.07	91		0.53	
2.i.i	0	18.00	19.58	25.57	5.79	112		0.14	
	10	18.00	19.58	25.57	5.83	112		0.21	
	20	16.40	19.54	25.91	6.00	112		0.21	
	30	15.30	19.49	26.07	5.33	97		0.31	
	40	13.90	19.48	26.37	4.57	81		0.65	
	50	13.10	19.46	26.51	3.88	68		0.73	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.ii	0	20.50	19.71	25.12					
	10	20.40	19.71	25.14					
	20	19.70	19.67	25.28					
	30	18.40	19.55	25.43					
	40	16.95	19.49	25.70					
	50	16.40	19.49	25.84					
16.ii	0	18.55	19.60	25.46	5.23	102		0.14	
	10	18.50	19.59	25.46	5.34	104		0.14	
	20	16.25	19.50	25.88	5.44	101		0.23	
	30	15.10	19.49	26.12	4.85	88		0.41	
	40	14.15	19.47	26.31	4.39	78		0.57	
	50	13.45	19.45	26.42	4.00	70		0.67	
10.iii	0	19.80	19.58	25.12	5.04	100		0.13	
	10	19.25	19.52	25.17	5.21	103		0.18	
	20	19.00	19.52	25.24	5.26	103		0.19	
	30	17.60	19.49	25.54	5.02	96		0.24	
	40	16.80	19.49	25.74	4.72	89		0.24	
	50	16.15	19.49	25.90	4.44	83		0.42	
3.iv	0	17.00	19.50	25.70	4.74	90		0.49	
	10	13.40	19.46	26.59	4.27	75		0.66	
	20	12.80	19.43	26.53	4.27	74		0.66	
	30	12.90	19.43	26.51	4.27	74		0.69	
	40	12.70	19.41	26.52	4.27	74		0.67	
	50	12.60	19.40	26.53	4.27	74		0.71	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959									
26.v	0	18.20	19.77	25.78	5.23	101		0.54	
	10	18.20	19.77	25.78	5.23	101		0.81	
	20	18.05	19.77	25.82	5.18	100		0.70	
	30	18.05	19.77	25.82	5.11	99		0.81	
	40	18.00	19.77	25.83	5.11	99		1.00	
	50	18.00	19.76	25.82	5.06	98		0.73	
16.vi	0	17.50	19.77	25.95	5.02	96		0.82	
	10	17.50	19.77	25.95	5.11	98		0.46	
	20	17.50	19.76	25.94	4.95	95		0.51	
	30	18.40	19.76	25.72	5.18	101		0.73	
	40	17.50	19.76	25.94	5.18	99		0.60	
	50	17.40	19.76	25.96	5.18	99		0.65	
6.vii	0	15.80	19.68	25.25	5.63	104		0.64	
	10	15.80	19.68	26.25	5.63	104		0.60	
	20	15.80	19.68	26.25	5.63	104		0.72	
	30	15.85	19.68	26.24	5.63	104		0.60	
	40	15.35	19.68	26.30	5.70	105		0.56	
	50	14.85	19.67	26.47	5.58	101		0.92	
28.vii	0	15.00	19.64	26.36	5.71	104		1.22	
	10	15.00	19.64	26.36	5.90	107		0.71	
	20	15.10	19.67	26.37	5.50	100		0.73	
	30	15.05	19.68	26.38	5.46	99		1.25	
	40	14.00	19.63	26.56	5.63	100		0.65	
	50	13.75	19.59	26.56	5.76	102		0.81	
28.viii	0	14.10	19.64	26.56	6.37	114		0.49	
	10	14.10	19.64	26.56	6.52	117		0.59	
	20	14.10	19.65	26.57	6.40	114		0.77	
	30	13.40	19.63	26.69	6.00	106		1.02	
	40	13.05	19.62	26.74	5.85	102		0.75	
	50	13.00	19.62	26.75	5.85	102		0.90	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 29.ix	0	14.10	19.54	26.40	5.88	105		1.30	
	10	14.10	19.54	26.40	5.88	105		0.77	
	20	14.10	19.54	26.40	5.82	104		0.80	
	30	14.20	19.57	26.41	5.71	102		1.25	
	40	14.05	19.57	26.45	5.69	102		0.89	
	50	14.00	19.57	26.45	5.69	102		0.74	
4.xi	0	14.80	19.17	25.74	5.55	100		1.01	
	10	14.10	19.46	26.29	5.32	95		1.20	
	20	13.75	19.50	26.42	4.89	86		1.03	
	30	13.80	19.50	26.40	4.85	86		1.04	
	40	13.70	19.50	26.43	4.83	85		1.09	
	50	13.70	19.55	26.50	4.83	86		0.93	
24.xi	0	17.30	19.45	25.56	5.72	109		0.83	
	10	17.20	19.48	25.63	5.66	107		0.61	
	20	15.40	19.49	26.07	5.30	97		0.80	
	30	14.30	19.50	26.31	4.83	87		1.11	
	40	13.30	19.50	26.51	4.60	81		0.95	
	50	13.10	19.50	26.56	4.55	80		1.30	
21.xii	0	18.40	19.52	25.39	5.33	103		0.72	
	10	18.30	19.52	25.41	5.30	103		0.74	
	20	18.05	19.51	25.45	5.49	106		0.68	
	30	18.10	19.50	25.43	5.49	106		0.48	
	40	17.90	19.52	25.50	5.49	105		0.47	
	50	17.10	19.52	25.70	5.10	97		0.99	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 8.i	0	20.10	19.72	25.24	5.18	104		0.11	
	10	20.10	19.71	25.22	5.18	104		0.12	
	20	20.10	19.71	25.22	5.15	103		0.11	
	30	20.10	19.71	25.22	5.15	103		0.17	
	40	19.85	19.70	25.28	5.13	102		0.12	
	50	15.85	19.58	26.09	4.38	81		0.41	
	70	13.15	19.48	26.52	4.48	78		0.54	
12.i	0	21.30	19.75	24.96	4.97	102		0.10	
	10	21.30	19.75	24.96	4.77	98		0.08	
	20	21.30	19.75	24.96	4.89	100		0.10	
	30	20.30	19.70	25.16	5.02	101		0.11	
	40	17.50	19.61	25.73	4.45	85		0.32	
	50	13.10	19.48	26.53	4.32	75		0.49	
	70	13.10	19.48	26.53	4.27	75		0.54	
22.i	0	17.10	19.59	25.81	6.38	122		0.27	
	10	16.95	19.59	25.85	6.32	121		0.23	
	20	15.30	19.52	26.12	5.14	95		0.38	
	30	13.90	19.50	26.39	4.63	83		0.45	
	40	13.20	19.49	26.53	4.36	77		0.47	
	50	13.05	19.49	26.56	4.28	76		0.66	
	70	13.00	19.48	26.56	4.25	75		0.54	
27.i	0	16.90	19.55	25.79	5.85	110		0.13	
	10	16.80	19.54	25.81	5.96	112		0.13	
	20	15.30	19.52	26.11	5.07	93		0.38	
	30	13.20	19.47	26.50	4.41	77		0.70	
	40	13.00	19.46	26.53	4.41	77		0.66	
	50	12.70	19.45	26.58	4.52	78		0.67	
	70	12.70	19.45	26.58	4.89	85		0.66	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 2.ii	0	18.50	19.61	25.49	5.64	110		0.15	
	10	17.65	19.59	25.67	5.26	100		0.34	
	20	15.05	19.53	26.18	4.52	82		0.55	
	30	14.10	19.49	26.34	4.49	80		0.61	
	40	13.80	19.47	26.37	4.17	74		0.68	
	50	13.00	19.47	26.54	3.92	68		0.84	
	70	13.00	19.46	26.53	3.88	68		0.66	
11.ii	0	20.40	19.69	25.12					
	10	19.90	19.66	25.20					
	20	18.80	19.60	25.41					
	30	18.50	19.58	25.45					
	40	18.15	19.55	25.49					
	50	17.40	19.52	25.63					
	70	15.60	19.49	26.01					
16.ii	0	19.30	19.63	25.33	5.20	103		0.15	
	10	19.20	19.63	25.36	5.23	103		0.13	
	20	18.35	19.60	25.51	5.16	100		0.16	
	30	16.30	19.57	25.97	4.55	85		0.27	
	40	13.80	19.48	26.39	4.28	76		0.57	
	50	13.05	19.46	26.51	4.46	78		0.62	
	70	13.10	19.46	26.51	4.46	78		0.58	
10.iii	0	19.35	19.55	25.18	5.07	100		0.21	
	10	19.30	19.55	25.20	5.07	100		0.22	
	20	19.00	19.53	25.26	5.11	100		0.28	
	30	18.40	19.51	25.38	5.02	97		0.28	
	40	17.15	19.49	25.65	4.78	91		0.44	
	50	16.20	19.49	25.88	4.66	87		0.49	
	70	13.80	19.46	26.36	4.17	74		0.71	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰ Sat.	pH	Inorg. P	NO ₃ -N
1959 3.1v	0	18.80	19.66	25.49	4.75	93		0.26	
	10	18.50	19.66	25.56	4.69	91		0.31	
	20	16.00	19.56	26.03	4.38	81		0.55	
	30	13.10	19.45	26.50	4.38	77		0.52	
	40	13.20	19.45	26.47	4.38	77		0.64	
	50	13.10	19.45	26.50	4.38	77		0.63	
	70	13.10	19.44	26.48	4.33	76		0.69	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 26.v	0	18.75	19.79	25.68	5.20	102		0.88	
	10	18.70	19.79	25.69	5.23	102		0.73	
	20	18.70	19.79	25.69	5.18	101		0.75	
	30	18.70	19.79	25.69	5.15	101		0.68	
	40	18.70	19.79	25.69	5.15	101		1.05	
	50	18.65	19.79	25.70	5.15	101		0.90	
	70	18.20	19.76	25.77	4.95	96		0.81	
	16.vi	0	18.20	19.76	25.77	5.09	99		0.54
10		18.20	19.76	25.77	5.18	100		0.52	
20		18.15	19.76	25.78	5.21	101		0.43	
30		18.10	19.76	25.80	5.15	100		0.86	
40		18.30	19.76	25.75	5.27	102		0.58	
50		18.20	19.76	25.77	5.18	100		0.66	
70		16.75	19.69	26.04	5.11	81		0.62	
6.vii		0	16.40	19.73	26.18	5.63	105		0.65
	10	16.00	19.70	26.23	5.58	104		0.54	
	20	15.10	19.65	26.35	5.33	99		0.71	
	30	14.70	19.60	26.38	5.01	90		0.75	
	40	14.70	19.60	26.38	5.58	101		0.71	
	50	14.60	19.63	26.44	5.63	101		0.41	
	70	14.55	19.64	26.46	5.55	100		0.53	
	28.vii	0	15.50	19.70	26.31	5.63	103		0.58
10		15.40	19.73	26.39	5.55	102		0.61	
20		15.00	19.70	26.44	5.46	99		0.81	
30		14.90	19.68	26.44	5.69	103		0.57	
40		14.30	19.65	26.53	5.72	103		0.69	
50		13.75	19.63	26.60	5.72	102		0.67	
70		13.60	19.60	26.61	5.76	102		0.83	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.viii	0	14.35	19.65	26.51	6.27	113		0.59	
	10	14.30	19.65	26.53	6.23	112		0.81	
	20	13.60	19.64	26.66	5.78	102		0.85	
	30	13.30	19.64	26.72	5.78	102		0.71	
	40	13.30	19.63	26.71	5.76	101		0.63	
	50	13.10	19.63	26.75	5.78	101		1.07	
	70	13.10	19.63	26.75	5.76	101		0.75	
29.ix	0	13.80	19.53	26.43	5.80	103		0.91	
	10	13.80	19.53	26.43	5.74	102		0.88	
	20	13.80	19.51	26.42	5.76	102		0.96	
	30	13.75	19.51	26.43	5.74	102		0.95	
	40	13.80	19.51	26.42	5.76	102		0.74	
	50	13.70	19.53	26.47	5.74	102		0.92	
	70	14.00	19.55	26.43	5.74	102		0.87	
4.xi	0	16.20	19.13	25.40	5.72	106		0.68	
	10	16.00	19.15	25.48	5.57	103		0.82	
	20	14.90	19.55	26.24	5.07	92		0.86	
	30	13.85	19.53	26.44	5.04	90		1.00	
	40	13.60	19.51	26.46	4.89	86		0.79	
	50	13.50	19.51	26.47	4.89	86		1.09	
	70	13.50	19.50	26.47	4.83	85		1.04	
24.xi	0	17.80	19.44	25.43	5.72	110		0.42	
	10	17.70	19.44	25.46	5.70	109		0.39	
	20	16.35	19.52	25.90	5.45	101		0.57	
	30	14.40	19.56	26.37	4.77	86		0.67	
	40	13.30	19.50	26.52	4.49	79		0.88	
	50	13.10	19.48	26.53	4.52	79		0.98	
	70	12.50	19.46	26.62	4.52	78		0.98	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°08' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 21.xii	0	18.15	19.50	25.42	5.02	96		0.59	
	10	18.10	19.50	25.42	5.42	104		0.86	
	20	17.90	19.49	25.47	5.42	104		0.76	
	30	17.75	19.48	25.49	5.40	103		0.26	
	40	17.80	19.48	25.48	5.52	106		1.73	
	50	17.50	19.48	25.55	5.33	102		0.56	
	70	15.20	19.53	26.15	4.58	83		1.16	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 8.i	0	20.30	19.74	25.21	5.18	104		0.14	
	10	20.25	19.74	25.22	5.18	104		0.97	
	20	20.25	19.74	25.22	5.21	105		0.11	
	30	20.20	19.72	25.21	4.30	86		0.13	
	40	19.95	19.71	25.27	5.18	104		0.11	
	50	17.15	19.60	25.81	4.38	83		0.42	
	75	13.10	19.48	26.53	4.57	80		0.60	
	90	12.95	19.48	26.56	4.50	78		0.60	
	12.i	0	21.15	19.75	24.99	4.97	101		0.11
10		21.10	19.75	25.01	5.02	102		0.11	
20		20.50	19.71	25.11	5.18	104		0.11	
30		19.60	19.69	25.34	5.21	103		0.13	
40		18.40	19.65	25.57	4.89	95		0.25	
50		15.45	19.56	26.14	4.16	76		0.55	
75		13.00	19.47	26.54	4.27	75		0.60	
90		12.50	19.45	26.61	4.50	78		0.50	
22.i		0	19.15	19.67	25.41	5.79	116		0.08
	10	18.90	19.67	25.48	5.89	117		0.12	
	20	18.80	19.66	25.49	5.84	117		0.11	
	30	16.10	19.55	25.99	4.69	88		0.54	
	40	14.30	19.50	26.31	4.38	79		0.42	
	50	13.35	19.48	26.48	4.43	79		0.58	
	75	12.80	19.46	26.56	4.38	77		0.60	
	90	12.80	19.46	26.56	4.32	76		0.58	
	27.i	0	19.60	19.70	25.36	5.69	113		0.14
10		19.55	19.70	25.37	5.69	113		0.14	
20		16.60	19.56	25.88	5.96	112		0.21	
30		13.90	19.50	26.39	4.32	77		0.66	
40		13.30	19.48	26.49	4.22	74		0.74	
50		12.90	19.46	26.54	4.57	79		0.70	
75		12.50	19.45	26.62	4.52	78		0.67	
90		12.50	19.45	26.62	4.52	78		0.70	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 2.11	0	19.30	19.66	25.37	5.10	101		0.31	
	10	18.95	19.66	26.45	5.24	103		0.32	
	20	17.70	19.64	25.73	4.84	93		0.35	
	30	16.10	19.60	26.06	4.47	83		0.50	
	40	15.39	19.56	26.17	4.50	82		0.55	
	50	14.10	19.50	26.35	4.38	78		0.67	
	75	12.75	19.46	26.58	4.17	72		0.79	
	90	12.80	19.46	26.56	4.23	73		0.68	
11.11	0	20.40	19.68	25.10					
	10	20.40	19.68	25.10					
	20	19.30	19.63	25.33					
	30	18.70	19.59	25.40					
	40	17.55	19.55	25.64					
	50	16.80	19.50	25.75					
	75	14.70	19.45	26.15					
	100	13.60	19.45	26.39					
16.11	0	18.50	19.63	25.52	5.11	99		0.12	
	10	18.30	19.62	25.55	5.05	98		0.26	
	20	17.30	19.61	25.78	4.55	87		0.36	
	30	15.10	19.56	26.21	4.22	77		0.50	
	40	14.30	19.52	26.33	3.58	64		0.66	
	50	13.10	19.46	26.51	4.28	75		0.68	
	75	12.70	19.46	26.59	4.39	76		0.65	
	90	12.70	19.46	26.59	4.39	76		0.65	
10.111	0	21.50	19.59	24.68	5.07	104		0.22	
	10	21.50	19.59	24.68	5.23	107		0.21	
	20	21.50	19.59	24.68	5.04	103		0.25	
	30	20.75	19.57	24.85	5.02	101		0.26	
	40	18.60	19.56	25.38	5.07	99		0.41	
	50	16.40	19.54	25.90	4.52	84		0.49	
	75	13.10	19.45	26.49	4.08	71		0.71	
	90	13.10	19.45	26.49	4.08	71		0.81	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 3.iv	0	20.60	19.73	25.12	5.23	106		0.15	
	10	20.30	19.73	25.20	5.15	104		0.15	
	20	20.20	19.73	25.23	5.18	104		0.17	
	30	19.40	19.73	25.43	5.18	103		0.17	
	40	18.20	19.69	25.68	4.84	94		0.23	
	50	17.40	19.63	25.79	4.24	81		0.43	
	75	14.40	19.56	26.37	4.81	86		0.51	
	100	14.40	19.56	26.37	4.81	86		0.53	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 26.v	0	19.25	19.80	25.56	5.15	102		0.83	
	10	19.30	19.81	25.56	5.09	101		0.83	
	20	19.30	19.81	25.56	5.06	100		0.76	
	30	19.30	19.81	25.56	5.09	101		0.73	
	40	19.20	19.81	25.58	5.06	100		0.71	
	50	19.35	19.81	25.55	5.05	100		0.78	
	75	19.20	19.81	25.58	5.06	100		0.95	
	90	19.20	19.80	25.57	5.06	100		1.05	
16.vi	0	18.30	19.76	25.75	5.21	101		0.52	
	10	18.35	19.76	25.73	5.23	102		0.42	
	20	18.30	19.76	25.75	5.18	101		0.50	
	30	18.30	19.76	25.75	5.18	101		0.51	
	40	18.25	19.76	25.76	5.21	101		0.50	
	50	18.35	19.76	25.73	5.15	100			
	75	17.15	19.67	25.91	4.75	90		0.52	
	90	15.70	19.69	26.29	5.50	101		0.67	
6.vii	0	15.80	19.69	26.26	5.55	103		0.58	
	10	15.60	19.68	26.29	5.55	102		0.41	
	20	15.40	19.64	26.29	5.42	99		0.41	
	30	15.00	19.64	26.36	5.63	102		0.61	
	40	14.30	19.63	26.51	5.66	102		0.75	
	50	14.40	19.63	26.48	5.66	102		0.92	
	75	14.30	19.63	26.51	5.63	101		0.68	
	90	14.30	19.63	26.51	5.01	90		0.68	
28.vii	0	15.20	19.69	26.39	5.63	103		0.96	
	10	15.15	19.69	26.40	5.66	103		0.54	
	20	15.00	19.69	26.43	5.64	103		0.83	
	30	14.65	19.65	26.44	5.64	102		0.80	
	40	14.65	19.65	26.44	5.66	102		0.68	
	50	13.95	19.64	26.57	5.71	102		0.71	
	75	13.50	19.60	26.62	5.71	101		1.09	
	90	13.50	19.61	26.63	5.71	101		1.09	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.viii	0	16.00	19.69	26.22	6.20	115		0.59	
	10	15.90	19.69	26.24	6.27	116		0.72	
	20	15.30	19.67	26.34	6.06	111			
	30	14.30	19.61	26.48	5.82	104		0.65	
	40	13.10	19.51	26.58	5.07	89		0.95	
	50	13.20	19.51	26.56	5.01	88		0.79	
	75	13.10	19.55	26.63	5.29	92		0.81	
	90	13.10	19.63	26.75	5.73	100		0.68	
29.ix	0	14.80	19.61	26.35	5.82	105		0.62	
	10	14.20	19.56	26.40	5.80	104		0.88	
	20	13.90	19.55	26.45	5.82	104		0.96	
	30	13.70	19.51	26.45	5.82	103		0.98	
	40	13.70	19.49	26.41	5.82	103		0.67	
	50	13.70	19.49	26.41	5.80	103		0.62	
	75	13.60	19.49	26.43	5.80	102		1.00	
	90	13.60	19.52	26.47	5.74	101		0.77	
4.xi	0	17.50	19.17	25.12	5.60	106		0.59	
	10	17.50	19.22	25.20	5.55	105		0.67	
	20	16.80	19.67	26.00	5.19	98		0.83	
	30	15.90	19.59	26.10	5.14	95		0.86	
	40	14.95	19.57	26.25	4.92	89		1.03	
	50	14.40	19.57	26.37	4.77	86		1.07	
	75	14.00	19.55	26.44	4.80	86		0.94	
	90	13.90	19.52	26.41	4.77	85		0.86	
24.xi	0	18.40	19.57	25.45	5.70	110		0.38	
	10	18.30	19.57	25.48	5.63	109		0.39	
	20	17.30	19.61	25.79	5.52	105		0.38	
	30	16.10	19.57	26.02	4.95	92		0.57	
	40	15.00	19.58	26.28	4.66	85		0.67	
	50	13.95	19.55	26.45	4.60	82		0.88	
	75	13.10	19.50	26.56	4.55	80		1.01	
	90	13.10	19.50	26.56	4.55	80		0.98	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 21.xii	0	18.90	19.60	25.39	5.22	102		0.78	
	10	18.90	19.60	25.39	5.33	105		0.52	
	20	18.30	19.56	25.46	5.39	104		0.69	
	30	17.90	19.49	25.48	5.46	105		0.60	
	40	17.70	19.49	25.52	5.42	104		0.63	
	50	17.50	19.49	25.57	5.27	100		0.60	
	75	15.60	19.53	26.07	4.72	87		1.43	
	90	14.60	19.53	26.29	4.46	80		1.41	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 8.i	0	20.50	19.74	25.15	5.21	105		0.10	
	10	20.50	19.74	25.15	5.18	105		0.11	
	20	20.50	19.74	25.15	5.32	107		0.18	
	30	20.45	19.74	25.16	5.18	105		0.16	
	40	18.05	19.66	25.67	5.02	97		0.44	
	50	15.75	19.57	26.09	4.20	77		0.56	
	75	13.60	19.51	26.47	4.57	81		0.56	
	100	12.30	19.43	26.62	4.62	79		0.69	
12.i	0	21.50	19.75	24.90	4.97	102		0.12	
	10	21.45	19.75	24.91	5.05	103		0.17	
	20	21.40	19.75	24.93	5.00	102		0.16	
	30	20.55	19.72	25.11	5.05	102		0.19	
	40	18.90	19.68	25.49	5.42	106		0.21	
	50	17.30	19.66	25.85	4.68	89		0.41	
	75	13.85	19.51	26.42	4.23	75		0.60	
	100	12.70	19.45	26.57	4.57	79		0.65	
22.i	0	18.20	19.66	25.63	5.79	112		0.21	
	10	17.60	19.66	25.78	5.04	97		0.31	
	20	17.50	19.64	25.78	4.89	93		0.35	
	30	17.40	19.64	25.81	4.96	94		0.32	
	40	17.30	19.64	25.83	4.98	95		0.35	
	50	17.30	19.64	25.83	4.92	94		0.50	
	75	16.05	19.60	26.07	4.43	82		0.52	
	100	13.80	19.51	26.43	4.16	74		0.53	
27.i	0	21.30	19.77	24.97	5.19	106		0.24	
	10	21.15	19.75	24.99	4.22	86		0.21	
	20	20.90	19.75	25.06	4.22	86		0.16	
	30	20.30	19.74	25.22	5.30	107		0.26	
	40	18.05	19.66	25.67	5.10	98		0.32	
	50	15.60	19.57	26.12	4.65	85		0.42	
	75	12.55	19.47	26.63	4.57	79		0.66	
	100	12.30	19.45	26.65	4.52	78		0.65	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 2.11	0	21.10	19.74	25.00	5.19	106		0.25	
	10	20.80	19.72	25.05	5.24	106		0.24	
	20	20.00	19.71	25.26	5.24	105		0.30	
	30	19.90	19.70	25.27	5.27	105		0.29	
	40	19.40	19.69	25.38	5.22	95		0.25	
	50	18.60	19.68	25.57	4.84	95		0.35	
	75	16.20	19.62	26.07	4.36	81		0.63	
	100	13.30	19.49	26.51	4.44	78		0.76	
11.11	0	21.40	19.70	24.86					
	10	21.20	19.70	24.92					
	20	19.90	19.65	25.19					
	30	18.10	19.64	25.63					
	40	17.30	19.63	25.81					
	50	15.35	19.55	26.15					
	75	14.40	19.53	26.33					
	100	13.00	19.45	26.51					
16.11	0	18.70	19.59	25.41	5.11	100		0.14	
	10	18.45	19.59	25.46	5.16	100		0.26	
	20	18.30	19.59	25.51	5.13	99		0.29	
	30	17.00	19.60	25.85	4.52	85		0.48	
	40	16.05	19.59	26.06	4.22	78		0.53	
	50	15.80	19.58	26.10	4.19	77		0.62	
	75	13.50	19.48	26.45	4.15	73		0.73	
	100	12.50	19.44	26.60	4.09	71		0.79	
10.111	0	22.20	19.62	24.52	4.99	103		0.21	
	10	22.20	19.62	24.52	4.96	103		0.30	
	20	22.20	19.62	24.52	4.93	102		0.30	
	30	22.10	19.62	24.55	4.90	101		0.30	
	40	22.00	19.62	24.58	4.87	101		0.29	
	50	20.10	19.59	25.05	4.84	97		0.35	
	75	12.90	19.45	26.53	4.11	71		0.86	
	100	12.80	19.45	26.55	4.11	71		0.87	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 3.1v	0	22.50	19.74	24.61	5.01	104		0.17	
	10	22.20	19.74	24.69	5.01	104		0.16	
	20	22.00	19.74	24.75	5.01	104		0.27	
	30	21.60	19.74	24.86	5.01	103		0.24	
	40	21.30	19.74	24.94	5.06	103		0.30	
	50	20.30	19.71	25.17	4.90	100		0.26	
	75	17.00	19.61	25.86	4.44	84		0.55	
	100	14.80	19.57	26.31	4.69	85		0.64	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 26.v	0	19.50	19.81	25.50	5.11	101		1.56	
	10	19.45	19.81	25.51	5.11	101		1.10	
	20	19.50	19.81	25.50	5.09	101		1.02	
	30	19.45	19.81	25.51	5.09	101		1.19	
	40	19.40	19.81	25.53	5.06	100		1.04	
	50	19.50	19.81	25.50	5.06	100		1.14	
	75	19.35	19.80	25.53	5.05	100		0.92	
	100	19.40	19.80	25.52	5.06	100		0.87	
16.vi	0	18.35	19.76	25.73	5.23	102		0.44	
	10	18.30	19.76	25.75	5.15	100		0.56	
	20	18.30	19.76	25.75	5.18	101		0.56	
	30	18.30	19.76	25.75	5.15	100		0.54	
	40	18.30	19.76	25.75	5.18	101		0.55	
	50	18.30	19.76	25.75	5.18	101		0.55	
	75	16.90	19.71	26.03	5.11	97		0.54	
	100	15.60	19.69	26.30	5.53	101		0.58	
6.vii	0	16.50	19.71	26.12	5.01	94		0.60	
	10	16.40	19.70	26.14	5.58	104		0.52	
	20	16.20	19.69	26.17	5.01	93		0.56	
	30	16.00	19.69	26.22	5.55	103		0.56	
	40	15.60	19.67	26.28	5.52	102		0.58	
	50	15.20	19.63	26.31	5.21	95		0.60	
	75	14.20	19.63	26.53	5.70	102		0.57	
	100	14.20	19.64	26.54	5.66	101		0.57	
28.vii	0	15.60	19.69	26.30	5.70	105		0.65	
	10	15.50	19.69	26.32	5.55	102		0.61	
	20	15.40	19.69	26.34	5.64	103		0.61	
	30	15.45	19.64	26.26	5.66	104		0.88	
	40	14.20	19.64	26.53	5.66	101		0.61	
	50	13.95	19.62	26.54	5.70	102		0.68	
	75	13.40	19.58	26.62	5.70	100		0.68	
	100	13.40	19.58	26.62	5.70	100		0.64	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.viii	0	16.20	19.70	26.18	5.89	110		0.75	
	10	16.15	19.70	26.20	5.78	107		0.53	
	20	16.10	19.70	26.21	5.87	109		0.65	
	30	16.00	19.70	26.23	5.87	109		0.89	
	40	15.60	19.68	26.29	5.67	104		0.76	
	50	15.20	19.63	26.30	5.41	99		0.52	
	75	14.50	19.63	26.46	5.73	103		0.75	
	100	13.50	19.56	26.56	5.26	93		1.26	
29.ix	0	15.80	19.68	26.26	5.71	106		0.87	
	10	15.70	19.68	26.29	5.74	106		0.81	
	20	15.70	19.68	26.29	5.66	104		0.88	
	30	15.10	19.62	26.31	5.70	104		0.92	
	40	13.85	19.56	26.48	5.70	101		0.83	
	50	13.70	19.54	26.48	5.70	101		1.18	
	75	13.60	19.53	26.49	5.65	100		0.79	
	100	13.50	19.53	26.50	5.65	100		0.87	
4.xi	0	17.90	19.15	25.00	5.55	106		0.63	
	10	17.80	19.19	25.09	5.48	105		0.82	
	20	17.30	19.66	25.85	5.14	98		0.73	
	30	16.70	19.65	26.00	4.89	92		0.86	
	40	16.10	19.64	26.13	4.89	91		0.83	
	50	15.50	19.66	26.29	5.32	98		0.73	
	75	15.30	19.63	26.29	5.07	93		0.89	
	100	14.10	19.55	26.41	4.84	86		1.09	
24.xi	0	18.70	19.52	25.32	5.45	106		0.44	
	10	18.70	19.54	25.35	5.49	107		0.38	
	20	17.60	19.63	25.75	5.70	109		0.44	
	30	16.70	19.70	26.07	5.82	110		0.48	
	40	16.70	19.70	26.07	5.88	111		0.45	
	50	16.10	19.70	26.21	5.75	107		0.48	
	75	14.50	19.58	26.38	4.83	87		0.76	
	100	13.50	19.55	26.54	4.71	83		0.80	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°19' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 21.xii	0	19.40	19.64	25.31	5.25	104			
	10	19.30	19.64	25.34	5.39	107		0.59	
	20	19.00	19.60	25.36	5.39	106		0.39	
	30	18.40	19.55	25.43	5.46	106		0.36	
	40	17.75	19.53	25.57	5.36	103		0.69	
	50	16.60	19.52	25.84	5.05	95		0.73	
	75	14.40	19.52	26.31	4.52	81		0.91	
	100	14.00	19.52	26.40	4.39	78		1.30	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 8.i	0	20.55	19.73	25.13	5.15	104		0.10	
	25	20.35	19.72	25.16	5.21	105		0.18	
	50	17.45	19.63	25.77	4.57	87		0.31	
	75	15.40	19.56	26.15	4.23	77		0.56	
	100	13.30	19.49	26.51	4.53	79		0.51	
	125	12.70	19.45	26.57	4.68	81		0.43	
	150	12.30	19.45	26.65	4.74	81		0.62	
	175	11.90	19.40	26.66	4.74	81		0.68	
	200	11.70	19.38	26.67	4.65	79		0.73	
12.i	0	21.55	19.75	24.89	5.02	103		0.13	
	25	21.40	19.75	24.93	5.02	103		0.16	
	50	16.80	19.60	25.90				0.35	
	75	14.90	19.58	26.30	4.62	84		0.43	
	100	14.70	19.54	26.28	4.80	87		0.51	
	125	12.30	19.44	26.64	4.57	78		0.67	
	150	11.50	19.37	26.70	4.74	80		0.65	
	175	11.20	19.35	26.72	4.77	80		0.74	
	200	11.20	19.35	26.72	4.83	81		0.68	
22.i	0	20.35	19.75	25.21	5.30	107		0.21	
	25	18.50	19.67	25.57	5.25	102		0.35	
	50	16.20	19.60	26.04	4.57	85		0.43	
	75	13.95	19.52	26.41	4.54	81		0.40	
	100	13.00	19.48	26.55	4.51	79		0.51	
	125	12.80	19.48	26.60	4.65	81		0.54	
	150	12.80	19.46	26.58	4.57	79		0.66	
	175	12.70	19.46	26.59	4.49	78		0.60	
	200	12.70	19.46	26.59	4.60	80		0.66	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 27.1	0	22.50	19.80	24.68	5.10	106		0.21	
	25	22.40	19.80	24.70	5.25	109		0.23	
	50	19.30	19.74	25.47	5.07	100		0.19	
	75	17.65	19.67	25.78	4.49	86		0.42	
	100	16.65	19.64	25.99	4.43	83		0.46	
	125	13.20	19.48	26.52	4.57	80		0.56	
	150	13.10	19.47	26.52	4.55	79		0.74	
	175	13.00	19.47	26.54	4.55	79		0.74	
	200	12.05	19.44	26.69	4.55	78		0.77	
2.11	0	21.70	19.77	24.86	5.05	104		0.30	
	25	21.50	19.77	24.92	5.16	106		0.25	
	50	19.50	19.72	25.39	5.31	105		0.30	
	75	16.70	19.62	25.94	4.29	81		0.51	
	100	17.30	19.65	25.84	4.69	89		0.44	
	125	15.70	19.59	26.14	4.41	81		0.65	
	150	14.10	19.50	26.35	4.41	79		0.67	
	175	13.10	19.46	26.51	4.44	77		0.66	
	200	12.50	19.44	26.60	4.47	77		0.84	
11.11	0	22.10	19.71	24.67					
	25	22.00	19.71	24.71					
	50	18.15	19.61	25.58					
	75	16.00	19.58	26.06					
	100	14.60	19.53	26.28					
	125	13.60	19.49	26.44					
	150	13.15	19.47	26.51					
	175	12.95	19.45	26.53					
	200	12.95	19.45	26.53					

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 16.11	0	22.00	19.69	24.68	4.96	102		0.19	
	25	21.70	19.69	24.76	4.96	102		0.22	
	50	17.20	19.64	25.85	4.41	84		0.35	
	75	15.20	19.56	26.19	4.19	76		0.53	
	100	14.30	19.53	26.35	4.34	78		0.70	
	125	13.60	19.50	26.45	4.34	77		0.74	
	150	13.10	19.45	26.49	4.22	74		0.76	
	175	12.50	19.44	26.59	4.22	73		0.78	
	200	12.50	19.44	26.59	4.28	74		0.65	
10.111	0	22.50	19.66	24.49	4.96	103		0.21	
	25	22.50	19.66	24.49	4.96	103		0.22	
	50	18.50	19.63	25.52	4.35	85		0.44	
	75	14.40	19.53	26.33	4.17	75		0.78	
	100	12.80	19.44	26.54	4.20	73		0.80	
	125	12.50	19.44	26.60	4.23	73		0.96	
	150	12.70	19.44	26.55	4.23	73		0.95	
	175	12.50	19.44	26.60	4.20	72		0.97	
	200	12.50	19.44	26.60	4.17	72		0.95	
3.iv	0	23.90	19.67	24.10	4.87	104		0.25	
	25	23.40	19.70	24.29	4.72	100		0.32	
	50	22.20	19.66	24.58	4.84	100		0.24	
	75	20.30	19.70	25.16	4.14	83		0.52	
	100	18.90	19.70	25.52	5.11	100		0.30	
	125	18.00	19.68	25.72	4.44	86		0.55	
	150	16.60	19.60	25.95	4.38	82		0.51	
	175	16.30	19.60	26.02	4.41	82		0.60	
	200	16.20	19.59	26.03	4.41	82		0.60	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 26.v	0	19.20	19.80	25.57	5.15	102		0.85	
	25	19.20	19.80	25.57	5.18	102		0.88	
	50	19.20	19.80	25.57	5.23	103		0.90	
	75	19.20	19.80	25.57	5.06	100		0.78	
	100	19.20	19.80	25.57	5.18	102		0.97	
	125	19.10	19.79	25.58	5.11	101		1.37	
	150	19.15	19.78	25.56	5.09	100		1.10	
	175	15.25	19.59	25.23	4.41	81		1.27	
	200	15.20	19.59	26.24	4.43	81		1.00	
16.vi	0	18.30	19.76	25.75	5.23	102		0.86	
	25	18.30	19.76	25.75	5.21	101		0.54	
	50	17.60	19.73	25.89	4.90	94		0.77	
	75	16.70	19.73	26.11	5.42	102			
	100	16.50	19.73	26.15	5.27	99		0.62	
	125	15.05	19.66	26.37	5.55	101		0.67	
	150	15.00	19.66	26.39	5.58	101		0.58	
	175	14.90	19.66	26.41	5.66	103		0.58	
	200	14.90	19.66	26.41	5.55	101		0.60	
6.vii	0	16.70	19.72	26.09	5.42	102		0.54	
	25	16.60	19.72	26.11	5.52	104		0.54	
	50	16.30	19.70	26.16	5.45	102			
	75	16.00	19.70	26.24	5.52	102		0.73	
	100	14.80	19.63	26.40	5.42	98		1.18	
	125	14.60	19.63	26.44	5.55	100		0.77	
	150	14.50	19.64	26.48	5.58	101		0.65	
	175	14.45	19.64	26.47	5.58	100		0.46	
	200	14.40	19.63	26.49	5.55	100		1.79	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 28.vii	0	15.85	19.70	26.24	5.55	103		0.50	
	25	15.90	19.70	26.24	5.69	105		0.52	
	50	14.20	19.63	26.52	5.66	101		0.95	
	75	14.00	19.63	26.56	5.66	101		0.61	
	100	13.95	19.63	26.57	5.64	101		0.76	
	125	13.90	19.63	26.58	5.69	101		0.84	
	150	13.30	19.63	26.71	5.60	98		0.83	
	175	13.00	19.61	26.74	5.64	99		0.80	
	200	12.95	19.61	26.75	5.64	98		0.75	
28.viii	0	16.70	19.71	26.08	5.76	108		0.71	
	25	16.50	19.71	26.12	5.82	109		0.62	
	50	16.40	19.71	26.15	5.64	105		0.89	
	75	16.00	19.69	26.22	5.40	100		1.46	
	100	15.40	19.65	26.28	5.35	98		0.75	
	125	14.90	19.62	26.35	5.26	95		0.77	
	150	14.10	19.57	26.46	5.20	93		0.66	
	175	13.80	19.42	26.31	5.17	92		0.68	
	200	13.80	19.57	26.52	5.29	94		0.81	
29.ix	0	15.10	19.64	26.34	5.68	103		0.83	
	25	15.00	19.64	26.36	5.70	103		0.83	
	50	15.00	19.64	26.36	5.60	102		0.80	
	75	14.40	19.62	26.45	5.60	101		0.76	
	100	13.40	19.53	26.54	5.38	95		0.98	
	125	13.35	19.53	26.54	5.38	95		0.93	
	150	13.20	19.52	26.56	5.38	94		0.98	
	175	13.05	19.52	26.59	5.32	93		0.96	
	200	13.10	19.52	26.59				1.09	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°24' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 4.xi	0	18.10	19.37	25.26	5.57	107		0.49	
	25	17.55	19.58	25.69	5.66	108		0.52	
	50	17.00	19.67	25.95	5.39	102		0.66	
	75	16.00	19.64	26.15	4.89	91		0.85	
	100	15.70	19.64	26.21	5.02	93		0.82	
	125	15.00	19.58	26.28	4.80	87		1.03	
	150	14.60	19.56	26.21	4.83	87		0.93	
	175	14.00	19.55	26.44	4.95	88		0.90	
	200	13.70	19.54	26.49	4.95	88		0.90	
24.xi	0	18.60	19.62	25.48	5.45	106		0.59	
	25	17.00	19.52	25.74	5.78	109		0.35	
	50	16.10	19.71	26.22	5.35	99		0.63	
	75	15.40	19.67	26.31	5.33	98		0.63	
	100	14.80	19.65	26.41	5.33	96		0.64	
	125	14.50	19.63	26.45	5.41	97		1.01	
	150	14.30	19.63	26.49	5.25	94		0.97	
	175	14.10	19.61	26.50	5.49	98		0.71	
	200	13.80	19.58	26.52	5.19	92		0.86	
21.xii	0	19.70	19.65	25.25	5.27	105		0.60	
	25	19.50	19.65	25.30	5.30	105		0.60	
	50	17.10	19.68	25.94	5.24	99		0.52	
	75	15.90	19.64	26.17	4.87	90		0.68	
	100	14.60	19.58	26.35	4.78	86		1.00	
	125	13.50	19.50	26.47	4.52	80		0.77	
	150	13.40	19.50	26.49	4.60	81		1.03	
	175	13.20	19.49	26.52	4.64	81		1.38	
	200	12.90	19.48	26.57	4.66	81		0.99	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 8.i	0	20.95	19.75	25.05	5.13	104		0.15	
	25	20.45	19.71	25.12	5.00	101		0.21	
	50	18.50	19.65	25.54	4.71	92		0.37	
	75	15.65	19.58	26.13	4.16	77		0.53	
	100	14.10	19.56	26.43	4.57	82		0.54	
	150	12.75	19.46	26.57	4.62	80		0.62	
	200	11.15	19.36	26.74	4.62	77		0.74	
	300	9.85	19.27	26.85	4.45	72		0.83	
500	8.40	19.18	26.95	3.78	59		0.97		
12.i	0	21.40	19.76	24.94	5.02	103		0.21	
	25	20.50	19.74	25.15	5.18	105		0.19	
	50	18.30	19.69	25.65	4.40	85		0.44	
	75	16.10	19.61	26.07	4.43	82		0.52	
	100	14.45	19.54	26.33	4.32	78		0.62	
	150	13.05	19.48	26.54	4.43	77		0.64	
	200	11.70	19.40	26.70	4.40	74		0.65	
	300	10.30	19.30	26.81	4.40	72		0.88	
500	8.20	19.17	26.97	4.48	70		1.05		
22.i	0	23.20	19.85	24.54	4.89	103		0.19	
	25	22.60	19.85	24.72	4.98	104		0.19	
	50	21.85	19.82	24.88	4.92	101		0.19	
	75	20.30	19.75	25.23	4.83	97		0.27	
	100	19.20	19.71	25.46	4.74	93		0.34	
	150	17.30	19.65	25.84	4.49	86		0.43	
	200	15.50	19.58	26.16	4.74	87		0.54	
	300	13.70	19.51	26.44	4.41	78		0.57	
500	11.70	19.41	26.72	4.55	77		0.77		

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 11.11	0	22.40	19.70	24.57					
	25	22.20	19.70	24.64					
	50	17.10	19.61	25.84					
	75	15.20	19.56	26.19					
	100	16.10	19.58	26.04					
	150	14.30	19.53	26.35					
	200	13.20	19.45	26.47					
	300	12.10	19.40	26.63					
	500	10.40	19.30	26.79					
16.11	0	22.70	19.74	24.54	4.96	104		0.18	
	25	22.50	19.74	24.61	4.93	103		0.28	
	50	18.70	19.67	25.53	4.73	93		0.28	
	75	16.30	19.61	26.03	4.34	81		0.55	
	100	15.00	19.56	26.23	4.31	78		0.65	
	150	13.30	19.49	26.50	4.34	76		0.71	
	200	12.55	19.45	26.60	4.31	74		0.71	
	300	11.20	19.36	26.73	4.46	75		0.86	
	500	8.80	19.21	26.93	4.52	72		1.05	
10.11	0	22.70	19.66	24.44	4.93	103		0.31	
	25	22.60	19.65	24.45	4.84	101		0.21	
	50	19.00	19.65	25.42	4.33	85		0.51	
	75	16.25	19.59	26.01	4.01	75		0.67	
	100	14.70	19.54	26.27	4.08	74		0.74	
	150	12.80	19.44	26.53	4.20	73		0.88	
	200	12.70	19.43	26.54	4.27	74		0.87	
	300	12.00	19.42	26.67	4.60	78		0.78	
	500	9.20	19.22	26.88	4.60	73		1.03	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Inorg. P	NO ₃ -N
1959 3.1v	0	23.80	19.72	24.20	4.84	103		0.34	
	25	23.70	19.72	24.23	4.81	102		0.32	
	50	23.40	19.68	24.26	4.72	100		0.36	
	75	21.30	19.75	24.95	4.78	98		0.37	
	100	19.90	19.72	25.30	4.38	87		0.44	
	150	18.60	19.68	25.57	4.20	82		0.56	
	200	16.50	19.58	25.94	4.88	91		0.75	
	300	13.50	19.48	26.46	4.57	81		0.81	
	500	9.70	19.23	26.81	4.66	91		0.92	
26.v	0	19.40	19.80	25.52	5.15	102			
	25	19.25	19.81	25.57	5.30	105			
	50	19.35	19.81	25.55	5.11	101			
	75	19.30	19.81	25.55	5.11	101			
	100	19.30	19.80	25.55	5.05	100			
	150	19.25	19.80	25.57					
	200	19.05	19.78	25.59	4.95	97			
	300	15.55	19.59	26.16	4.43	81			
	500	11.00	19.34	26.75	4.47	74			

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 16.vi	0	18.30	19.76	25.75	5.11	99		0.58	
	25	18.30	19.76	25.75	5.23	102		0.54	
	50	18.30	19.76	25.75	5.09	99			
	75	17.30	19.74	25.97	5.05	96		0.65	
	100	16.90	19.74	26.07	5.36	101		0.74	
	150	15.35	19.67	26.33	5.40	99		0.54	
	200	15.10	19.65	26.35	5.43	99		0.65	
	300	12.85	19.45	26.54	4.66	81		1.05	
	500	8.90	19.19	26.90	4.78	76		1.48	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 6.vii	0	16.80	19.72	26.06	5.45	103		0.72	
	25	16.80	19.72	26.06	5.42	102		0.54	
	50	16.80	19.72	26.06	5.39	102		0.45	
	75	16.40	19.69	26.12	5.33	99		0.84	
	100	15.20	19.63	26.31	5.04	92		0.68	
	150	14.35	19.65	26.52	5.35	96		0.57	
	200	14.30	19.64	26.52	5.26	94		0.54	
	300	13.25	19.58	26.65	5.15	90		0.77	
	500	10.00	19.26	26.81	4.68	76		1.29	
28.vii	0	15.90	19.70	26.24	5.60	104		0.98	
	25	15.80	19.70	26.26	5.55	102		1.33	
	50	15.20	19.67	26.35	5.64	103		0.79	
	75	14.00	19.63	26.56	5.71	102		0.64	
	100	13.80	19.63	26.60	5.66	101		0.75	
	150	12.50	19.51	26.70	5.26	91		1.25	
	200	12.45	19.52	26.70	5.43	94		1.20	
	300	12.30	19.53	26.76	5.36	92		1.02	
	500	9.70	19.25	26.84	4.78	77		1.34	
28.viii	0	17.00	19.72	26.02	5.76	109		0.55	
	25	16.80	19.72	26.06	5.76	109		0.50	
	50	16.10	19.72	26.23	5.47	102		0.72	
	75	16.00	19.68	26.20	5.38	100		1.02	
	100	15.50	19.64	26.25	5.31	97		0.65	
	150	14.40	19.57	26.39	5.14	92		0.85	
	200	14.10	19.60	26.50	5.53	99		0.68	
	300	12.05	19.43	26.68	5.10	87		1.65	
	500	10.20	19.31	26.85	4.91	80		1.30	

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°29' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ % Sat.	pH	Total P	NO ₃ -N
1959 29.ix	0	16.20	19.68	26.17	5.56	104		0.76	
	25	15.30	19.65	26.31	5.70	104		1.48	
	50	14.80	19.65	26.40	5.68	103		1.00	
	75	13.40	19.54	26.55	5.18	91		0.92	
	100	12.95	19.51	26.60	5.18	90		1.04	
	150	12.95	19.51	26.60	5.15	90		1.16	
	200	12.70	19.49	26.62	5.12	89		1.18	
	300	12.50	19.49	26.66	5.12	88		1.17	
	500	9.70	19.24	26.84	4.61	74		1.55	
24.xi	0	18.00	19.71	25.76	5.55	107		0.63	
	25	16.50	19.71	26.12	5.49	103		0.53	
	50	15.65	19.69	26.31	5.38	99		1.93	
	75	15.00	19.66	26.39	5.58	101		0.50	
	100	14.60	19.65	26.46	5.49	99		0.38	
	150	13.70	19.57	26.51	5.25	93		0.69	
	200	13.10	19.53	26.59	5.19	91		0.83	
	300	11.40	19.38	26.73	4.83	81		1.02	
	500	8.50	19.18	26.94	4.71	74		1.34	
21.xii	0	19.90	19.64	25.17	5.25	105		0.66	
	25	19.70	19.64	25.23	5.30	105		0.34	
	50	16.80	19.67	26.00	4.87	92		0.47	
	75	15.80	19.65	26.20	4.87	90		0.77	
	100	14.80	19.58	26.31	4.75	86		0.60	
	150	13.20	19.49	26.52	4.64	81		0.74	
	200	12.60	19.46	26.60	4.75	82		1.47	
	300	11.60	19.39	26.70	4.69	79		1.08	
	500	9.30	19.20	26.85	4.75	76		1.19	

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, 1958
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
39. Surface sampling in the Coral and Tasman Seas, 1958
40. Coastal hydrological investigations in south-eastern Australia, 1958
41. Oceanic investigations in eastern Australian waters, F.R.V. *Derwent Hunter*, 1958
42. Coastal investigations at Port Hacking, New South Wales, 1958
43. Oceanic investigations in eastern Australia, H.M.A. Ships *Queenborough*, *Quickmatch*, and *Warrego*, 1958
44. Oceanic observations in Antarctic waters, M.V. *Magga Dan*, 1959
45. Coastal hydrological investigations in eastern Australia, 1959
46. Coastal hydrological investigations in the New South Wales tuna fishing area, 1959