

OCEANOGRAPHICAL STATION LIST

**of Investigations made by the Division of Fisheries
and Oceanography, Commonwealth Scientific and
Industrial Research Organization, Australia**

Volume 27

**Onshore and Oceanic Hydrological Investigations
in Eastern and South-western Australia, 1955**

Compiled by D. J. Rochford and R. Spencer

**COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH
ORGANIZATION, AUSTRALIA
MELBOURNE 1957**

OCEANOGRAPHICAL STATION LIST

VOLUME 24

CORRIGENDUM

Page 3: *In the third line of Section II, for
pressure effect read mercury expansion
effect.*

OCEANOGRAPHICAL STATION LIST

ONSHORE AND OCEANIC HYDROLOGICAL INVESTIGATIONS IN EASTERN AND SOUTH-
WESTERN AUSTRALIA, 1955

Compiled by D. J. ROCHFORD and R. SPENCER

I. INTRODUCTION

In this volume the results of the analysis of coastal waters in eastern and south-western Australia during 1955 are given.

The hydrological data collected by F.R.V. *Derwent Hunter* on a series of cruises in the Tasman Sea and Bass Strait during 1955 are also given. The Albatross Island and the "Paddock" coastal stations were occupied only once in 1955 and are included in the F.R.V. *Derwent Hunter* data as stations 21/55 and 40/55 respectively. The Low Head station was moved from its former position $40^{\circ} 45'S.$, $146^{\circ} 45'E.$ to $40^{\circ} 51'S.$, $146^{\circ} 42'E.$ in 1955.

II. METHODS AND UNITS

The methods and units are those given by C.S.I.R.O. Aust. (1951). All the F.R.V. *Derwent Hunter* temperatures have been corrected for mercury expansion effects and all depths have been corrected for stray of wire by the use of unprotected thermometers.

III. PERSONNEL

The coastal and oceanic programme has been the responsibility of Mr. D. J. Rochford and Mr. R. Spencer. Messrs. B. Hamon, H. Jitts, P. Davis, and N. Brown have participated in hydrological cruises of F.R.V. *Derwent Hunter*. The laboratory analyses have been supervised by Messrs. R. Spencer, H. Jitts, P. Davis, A. Middleton, C. Walker, and the laboratory staff at Cronulla and Perth. Coastal sampling has been carried out by Messrs. K. Champion, C. Heath, and C. Wirrell. Misses O. Jacobsen, J. Pincombe, and E. Mayman, and Mrs. H. R. Lundberg have been responsible for the processing of the data and the preparation of the typed sheets.

IV. REFERENCE

C.S.I.R.O. AUST. (1951).—Onshore hydrological investigations in eastern Australia, 1942–50.
C.S.I.R.O. Aust. Oceanogr. Sta. List 4: 4.

Station: EVAN'S HEAD

Latitude: 29°07'30" S.

Longitude: 153°38' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
22.i	0	24.10	18.56	22.52	5.02	99	8.22	7-7-1	39
	10	22.50	19.66	24.49	4.44	87	8.20	7-7-0	20
	20	20.90	19.66	24.93	4.22	80	8.17	10-5-2	10
	30	19.50	19.64	25.27	4.16	77	8.17	16-2-0	18
	40	19.50	19.64	25.27	4.22	78	8.17	11-4-2	30
	50	19.40	19.66	25.33	4.22	78	8.17	11-0-0	33
25.ii	0	21.00	19.64	24.87	4.38	83		7-0-2	15
	10	21.00	19.66	24.90	4.45	85		10-0-0	24
	20	20.70	19.64	24.95	4.45	84		12-0-0	32
	30	19.80	19.68	25.25	3.98	74		10-8-0	37
	40	19.60	19.64	25.25	4.05	75		10-0- 12	57
	50	19.60	19.64	25.25	4.35	81		11-0-4	66
26.iii	0	23.90	19.29	23.57	4.66	93	8.16	8-0	19
	10	23.40	19.48	23.98	4.51	89	8.17	8-0	19
	20	22.90	19.58	24.27	4.37	86	8.17	6-5	25
	30	22.90	19.58	24.27	4.32	85	8.17	6-6	19
	40	22.40	19.59	24.42	4.22	82	8.16	10-4	47
	50	22.60	19.58	24.36	4.22	82	8.16	8-9	42
21.iv	0	23.50	18.92	23.19	4.91	97	8.21	7-0-6	5
	10	23.60	18.90	23.14	4.91	97	8.21	4-1-7	13
	20	23.40	19.31	23.75	4.89	96	8.21	4-0-2	10
	30	23.30	19.37	23.86	4.91	97	8.19	4-1-5	8
	40	23.20	19.42	23.93	4.93	97	8.17	6-0-0	5
	50	22.20	19.60	24.49	4.38	87	8.15	11-1-3	30
27.v	0	21.40	19.61	24.72	4.91	94	8.20	8-5-6	4
	10	21.40	19.61	24.72	4.95	95	8.20	7-6-0	11
	20	21.50	19.61	24.70	4.95	95	8.18	7-9-0	14
	30	21.40	19.62	24.73	4.90	94	8.17	8-5-0	13
	40	21.40	19.63	24.75	4.88	93	8.18	7-6-2	12
	50	21.30	19.63	24.78	4.66	89	8.19	9-11-0	11

Station: EVAN'S HEAD

Latitude: 29°07'30" S.

Longitude: 153°38' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
1.vii	0	20.40	19.60	24.99	5.66	107	8.19	4-12-4	0
	10	20.30	19.60	25.01	5.70	107	8.19	5-16-0	0
	20	20.20	19.60	25.04	5.87	109	8.20	5-18-0	0
	30	19.50	19.68	25.33	5.45	101	8.22	8-14-2	22
	40	19.50	19.68	25.33	5.53	103	8.20	7-20-4	39
	50	19.50	19.68	25.33	5.37	100	8.21	7-12-3	30
21.vii	0	19.60	19.61	25.21	5.63	105	8.19	8-2-5	7
	10	19.70	19.63	25.21	5.42	101	8.20	5-0-0	7
	20	19.70	19.50	25.12	5.42	101	8.20	5-2-0	6
	30	19.70	19.61	25.18	5.42	101	8.20	4-3-0	4
	40	19.70	19.65	25.24	5.42	101	8.19	7-0-0	7
	50	19.70	19.64	25.22	5.37	100	8.19	8-0-0	8
26.viii	0	18.20	19.67	25.65	5.30	97	8.13	10-10- 5	6
	10	18.20	19.67	25.65	5.30	97	8.15	10-20- 0	8
	20	18.20	19.67	25.65	5.23	95	8.17	12-6-4	6
	30	18.20	19.67	25.65	5.11	93	8.17	10-15- 6	4
	40	18.20	19.67	25.65	5.02	91	8.17	9-17- 11	17
	50	18.20	19.67	25.65	5.08	93	8.16	10-13- 15	11
23.ix	0	19.10	19.63	25.37	4.86	90		9-20-7	18
	10	19.10	19.64	25.38	4.86	90		9-16-4	20
	20	19.10	19.64	25.38	4.86	90		9-11-9	15
	30	19.10	19.59	25.31	4.75	88		9-20-0	23
	40	19.10	19.61	25.34	4.81	89		9-16-2	23
	50	19.00	19.61	25.36	4.70	87		9-7-6	15

Station: EVAN'S HEAD

Latitude: 29°07'30" S.

Longitude: 153°38' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
22.x	0	19.70	19.66	25.25	4.72	88	8.20	10-15-0	28
	10	19.10	19.66	25.41	4.72	87	8.19	10-3-7	16
	20	18.10	19.66	25.66	4.01	73	8.16	15-18-7	40
	30	17.90	19.65	25.70	4.01	73	8.15	17-7-0	72
	40	17.70	19.65	25.75	4.01	72	8.15	13-4-0	93
	50	17.70	19.67	25.77	4.08	74	8.13	16-0-3	90
17.xi	0	20.50	19.66	25.04	5.60	106	8.11	6-8-4	
	10	19.70	19.65	25.24	5.70	106	8.12	6-7-1	
	20	18.80	19.64	25.45	4.79	88	8.09	13-8-1	
	30	17.80	19.64	25.70	3.75	68	8.06	18-12-12	
	40	17.80	19.61	25.66	3.63	66	8.06	22-5-2	
	50	17.70	19.63	25.72	3.80	68	8.04	16-9-8	
13.xii	0	23.60	19.67	24.18	4.96	99	8.18	2-4-2	0
	10	22.90	19.67	24.39	5.07	100	8.20	2-3-1	0
	20	22.60	19.66	24.46	5.02	98	8.17	2-4-0	0
	30	22.50	19.78	24.65	4.84	95	8.18	6-4-3	0
	40	21.90	19.79	24.83	4.96	96	8.09	6-0-13	0
	50	21.40	19.79	24.97	4.96	95	8.11	9-1-2	0

Station: COFF'S HARBOUR

Latitude: 30°17' S.

Longitude: 150°16' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
26.i	0	23.50	19.61	24.13	5.09	101	8.13	7-2	53
	10	23.30	19.63	24.22	5.06	100	8.13	8-8	19
	20	22.10	19.67	24.61	4.59	89	8.14	11-9	21
	30	21.70	19.67	24.73	4.92	82	8.07	11-0	27
	40	20.40	19.63	25.03	4.07	77	7.85	12-0	13
	50	18.60	19.63	25.49	3.97	73	7.93	13-0	42
24.ii	0	24.20	19.62	23.93	4.56	92	8.15	2-6	15
	10	24.10	19.63	23.98	4.56	91	7.98	1-9	16
	20	24.00	19.62	23.99	4.85	97	8.48	2-9	17
	30	23.90	19.62	24.02	4.68	93	8.11	4-7	20
	40	19.70	19.65	25.24	4.23	79	8.07	13-6	47
	50	18.80	19.61	25.41	4.17	77	8.11	13-8	65
24.iii	0	25.40	19.38	23.25	4.72	97	8.16	1-2	16
	10	24.90	19.44	23.48	4.72	96	8.17	1-5	7
	20	24.90	19.46	23.50	4.75	97	8.18	1-5	9
	30	24.80	19.53	23.63	4.66	95	8.15	1-6	6
	40	21.00	19.64	24.87	3.78	72	8.17	14-3	58
	50	18.40	19.64	25.55	3.54	65	8.23	16-7	100
24.iv	0	23.60	19.43	23.86	4.86	96	8.18	7-3	8
	10	23.80	19.46	23.83	4.86	97	8.18	2-5	2
	20	24.10	19.56	23.89	4.81	96	8.18	2-13	2
	30	23.90	19.56	23.95	4.84	97	8.15	7-1	5
	40	22.20	19.62	24.51	4.28	83	8.15	11-0	32
	50	21.80	19.62	24.62	4.36	84	8.17	9-9	27
30.v	0	21.90	19.54	24.49	5.32	103	8.27	3-10	0
	10	21.90	19.56	24.52	5.28	102	8.26	7-6	5
	20	21.30	19.52	24.63	5.29	101	8.23	5-9	0
	30	21.20	19.49	24.62	5.55	106	8.23	3-12	4
	40	21.00	19.52	24.72	5.35	102	8.22	8-8	6
	50	20.80	19.60	24.88	4.66	88	8.24	14-4	26

Station: COFF'S HARBOUR

Latitude: 30°17' S.

Longitude: 150°16' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
30.vi	0	19.50	19.62	25.24	5.24	97	8.19	3-13	0
	10	19.50	19.62	25.24	5.17	96	8.19	2-10	0
	20	19.50	19.62	25.24	5.20	97	8.19	2-14	0
	30	19.50	19.61	25.23	5.24	97	8.17	2-19	0
	40	19.40	19.62	25.27	5.17	96	8.17	0-22	0
	50	19.30	19.59	25.26			8.15	2-14	0
22.vii	0	21.20	19.65	24.84	5.87	112	8.19	3-4-0	2
	10	21.20	19.65	24.84	5.69	109	8.19	2-12-0	2
	20	20.90	19.64	24.90	5.49	102	8.19	4-8-0	4
	30	20.50	19.63	25.00	5.42	102	8.19	4-7-2	4
	40	20.30	19.63	25.05	5.69	107	8.11	5-6-1	11
	50	20.30	19.62	25.03	5.87	110	7.99	3-9-0	4
25.viii	0	18.50	19.66	25.56	5.02	92	8.12	9-14	12
	10	18.50	19.66	25.56	4.98	91	8.15	10-15	20
	20	18.50	19.65	25.55	4.98	91	8.16	11-28	25
	30	18.10	19.64	25.63	4.52	82	8.15	15-11	67
	40	17.50	19.63	25.77	4.20	75	8.14	14-21	102
	50	16.60	19.64	25.99	4.44	78	8.13	17-13	106
23.ix	0	19.80	19.66	25.22	5.42	101		5-15	0
	10	19.80	19.66	25.22	5.37	100		8-12	0
	20	19.70	19.64	25.22	5.37	100		5-15	0
	30	19.50	19.62	25.24	5.32	99		7-15	1
	40	19.00	19.60	25.35	4.98	92		8-16	1
	50	18.50	19.61	25.49	4.81	88		15-10	15
21.x	0	20.00	19.65	25.16	5.30	99	8.25	6-19	0
	10	19.90	19.64	25.17	5.12	96	8.23	6-11	0
	20	19.80	19.67	25.24	5.12	96	8.23	6-22	2
	30	18.70	19.67	25.52	4.14	76	8.16	14-13	55
	40	18.70	19.67	25.52	4.08	75	8.15	14-24	70
	50	18.80	19.68	25.51	4.01	74	8.15	13-19	57

Station: COFF'S HARBOUR

Latitude: 30°17' S.

Longitude: 150°16' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
16.xi	0	22.20	19.70	24.62	5.12	99	8.20	4-12	0
	10	21.00	19.68	24.93	5.50	105	8.21	5-3	0
	20	19.60	19.65	25.27	5.82	108	8.24	7-7	0
	30	19.60	19.68	25.30	5.88	109	8.22	6-12	0
	40	19.20	19.66	25.38	5.63	104	8.20	3-16	0
	50	19.40	19.64	25.30	5.70	106	8.22	5-7	0
14.xii	0	23.90	19.61	24.01	5.07	101	8.20	0-5	5
	10	23.80	19.61	24.04	4.96	99	8.17	0-4	5
	20	22.70	19.64	24.40	5.12	100	8.19	3-4	7
	30	21.50	19.68	24.79	5.07	97	8.16	0-9	12
	40	20.70	19.69	25.03	5.18	98	8.18	2-4	
	50	19.50	19.67	25.32	4.44	83	8.11	6-7	36

Station: PORT MACQUARIE

Latitude: 30°56' S.

Longitude: 150°10' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
27.i	0	23.30	19.42	23.93	4.73	93	8.21	5-7-3	20
	10	23.30	19.63	24.22	4.96	98	8.21	4-9-8	17
	20	21.40	19.63	24.75	4.88	93	8.19	6-11-0	15
	30	21.40	19.64	24.76	4.67	89	8.19	11-9-0	9
	40	20.60	19.66	25.01	4.39	83	8.18	11-9-0	17
	50	18.30	19.61	25.54	4.32	79	8.21	17-5-0	17
26.ii	0	24.40	19.58	23.83	4.68	94		3-4-4	30
	10	23.80	19.58	24.01	4.85	97		4-5-9	44
	20	22.80	19.52	24.21	4.82	95		6-3-3	59
	30	21.00	19.59	24.81	4.26	81		7-1-5	65
	40	19.80	19.60	25.14	4.29	80		9-3-10	104
	50	19.40	19.58	25.23	4.26	79		12-0-10	102
23.iii	0	24.80	18.99	22.90	4.86	98	8.16	5-10	20
	10	25.00	19.48	23.50	4.72	96	8.16	5-3	83
	20	25.00	19.52	23.56	4.74	96	8.17	8-1	106
	30	25.00	19.55	23.60	4.72	96	8.15	3-6	34
	40	24.00	19.56	23.92	4.37	87	8.15	8-0	48
	50	23.30	19.56	24.12	4.32	85	8.16	8-0	35
25.iv	0	23.10	19.17	23.65	5.03	99	8.23	6-0-4	5
	10	23.20	19.34	23.85	4.95	97	8.21	5-1-4	3
	20	23.10	19.35	23.89	4.86	95	8.20	5-0-1	5
	30	22.70	19.46	24.15	4.51	88	8.18	8-0-2	16
	40	22.00	19.53	24.45	4.38	85	8.16	11-3-5	34
	50	19.70	19.42	24.92	4.04	75	8.13	19-0-2	66
25.v	0	22.80	19.55	24.25	5.31	104	8.23	7-3-2	6
	10	22.70	19.55	24.28	5.19	102	8.21	5-7-1	0
	20	21.50	19.48	24.52	5.19	99	8.22	6-7-2	0
	30	21.10	19.50	24.66	5.35	102	8.24	7-8	4
	40	20.60	19.52	24.82	4.83	91	8.22	8-5-2	2
	50	19.80	19.58	25.12	4.38	82	8.22	17-0-2	12

Station: PORT MACQUARIE

Latitude: 30°56' S.

Longitude: 150°10' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 29.vi	0	20.00	19.60	25.09	5.12	96	8.18	2-15-5	4
	10	20.00	19.59	25.08	5.17	97	8.19	3-14-3	0
	20	19.90	19.58	25.10	5.15	96	8.18	0-17-1	22
	30	19.80	19.58	25.12	4.62	86	8.18	2-16-1	11
	40	19.40	19.56	25.20	5.02	93	8.19	2-11-4	7
	50	19.40	19.56	25.20	4.96	92	8.19	3-15-6	11
20.vii	0	19.20	19.63	25.34	5.37	99	8.20	4-8-2	7
	10	19.20	19.63	25.34	5.49	101	8.17	5-7-0	4
	20	19.20	19.62	25.32	5.49	101	8.14	6-15-0	13
	30	18.90	19.60	25.38	5.33	98	8.14	6-8-2	31
	40	18.80	19.60	25.40	5.42	99	8.14	10-8-5	44
	50	18.40	19.60	25.50	5.49	100	8.14	7-9-3	22
24.viii	0	18.20	19.67	25.65	5.42	99	8.16	8-17-9	2
	10	18.20	19.67	25.65	5.49	100	8.17	8-23- 13	13
	20	18.20	19.67	25.65	5.36	98	8.19	23-2	141
	30	17.70	19.64	25.73	4.72	85	8.16	15-10- 1	68
	40	16.70	19.59	25.90	4.43	78	8.16	18-16- 2	113
	50	15.20	19.57	26.22	4.20	72	8.15	26-10- 0	148
21.ix	0	21.40	19.66	24.79	5.27	101		5-15-7	0
	10	21.40	19.65	24.78	5.32	102		6-12-4	0
	20	20.90	19.64	24.90	5.37	102		3-24-0	0
	30	19.50	19.64	25.27	4.79	89		5-20-4	4
	40	18.70	19.61	25.44	4.92	91		9-14-6	14
	50	18.20	19.60	25.55	4.70	85		12-13- 4	25

Station: PORT MACQUARIE

Latitude: 30°56' S.

Longitude: 150°10' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 19.x	0	19.30	19.63	25.31	5.18	96	8.20	9-0-0	9
	10	19.20	19.63	25.34	5.07	94	8.18	12-0- 12	12
	20	18.70	19.70	25.56	4.72	87	8.17	9-0-0	34
	30	18.20	19.66	25.63	4.48	82	8.17	19-11- 8	31
	40	17.90	19.67	25.72	4.43	80	8.13	16-16- 2	42
	50	17.60	19.64	25.75	4.38	79	8.15	16-13- 9	51
16.xi	0	23.00	19.66	24.34	4.94	97	8.20	6-13-4	0
	10	23.00	19.65	24.33	4.91	96	8.20	6-10-4	0
	20	22.50	19.61	24.42	5.02	98	8.20	6-9-4	0
	30	18.80	19.63	25.44	4.56	84	8.13	12-15- 3	19
	40	17.80	19.62	25.67	4.45	80	8.12	15-8-4	35
	50	17.60	19.62	25.72	4.23	76	8.10	12-13- 2	35
15.xii	0	23.70	19.61	24.07	4.96	99	8.18	0-4-2	0
	10	23.70	19.63	24.10	5.07	101	8.16	2-0-0	0
	20	22.40	19.65	24.50	5.18	101	8.19	3-0-1	0
	30	19.70	19.66	25.25	4.54	85	8.14	8-0-0	22
	40	17.90	19.63	25.67	4.20	76	8.10	10-3- 10	44
	50	16.90	19.76	26.09	4.14	74	8.06	13-3-0	86

Station: PORT STEPHENS

Latitude: 32°43' S.

Longitude: 152°18' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
28.i	0	21.80	19.64	24.65	5.23	101	8.14	4-0	25
	10	21.60	19.65	24.73	5.17	99	8.15	9-0	21
	20	21.20	19.65	24.84	5.08	97	8.15	5-0	23
	30	18.20	19.62	25.57	4.49	82	8.20	17-2	15
	40	16.20	19.61	26.04	4.35	76	8.22	18-0	60
	50	16.20	19.58	26.01	4.35	76	8.25	18-0	94
21.ii	0	22.40	18.77	23.30	4.94	95	8.12	6-8	14
	10	22.00	19.43	24.32	5.03	97	8.12	8-4	11
	20	21.80	19.52	24.50	5.06	97	8.10	9-4	9
	30	21.80	19.60	24.60	5.02	97	8.06	8-9	13
	40	21.30	19.55	24.67	5.01	96	8.02	7-7	14
	50	20.40	19.57	24.94	4.95	93	8.00	8-15	19
22.iii	0	23.00	18.81	23.19	4.72	92	8.15	6-3	45
	10	22.80	19.17	23.73	4.75	93	8.17	8-3	54
	20	19.70	19.53	25.07	4.11	77	8.15	14-4	94
	30	17.40	19.57	25.71	3.80	68	8.14	19-0	139
	40	16.60	19.57	25.90	3.78	67	8.15	21-0	125
	50	16.40	19.57	25.94	3.72	65	8.12	13-11	120
18.iv	0	22.30	17.87	22.09	4.81	92	8.17	6-10	11
	10	22.30	19.24	23.97	4.91	96	8.17	7-7	6
	20	19.60	19.52	25.09	4.31	80	8.12	18-0	32
	30	16.60	19.57	25.90	4.06	72	8.10	24-8	119
	40	14.80	19.58	26.33	3.98	68	8.12	21-8	111
	50	14.70	19.55	26.30	4.01	69	8.14	24-9	121
24.v	0	21.50	19.58	24.66	5.67	109	8.24	3-13	38
	10	21.60	19.58	24.64	5.72	110	8.22	6-4	4
	20	21.50	19.58	24.66	5.31	102	8.21	4-8	5
	30	21.10	19.58	24.77	6.06	115	8.20	5-7	43
	40	20.00	19.57	25.05	5.25	98	8.22	8-7	253
	50	19.00	19.51	25.22	5.74	106	8.23	7-8	67

Station: PORT STEPHENS

Latitude: 32°43' S.

Longitude: 152°18' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 27.vi	0	20.70	19.61	24.91	5.37	102	8.22	8-31	7
	10	20.70	19.61	24.91	5.17	98	8.23	7-28	4
	20	20.70	19.61	24.91	5.24	99	8.21	3-26	6
	30	20.20	19.62	25.06	5.24	98	8.21	12-17	4
	40	20.00	19.62	25.11	5.12	96	8.18	3-41	4
	50	19.40	19.62	25.47	5.02	93	8.19	8-34	6
18.vii	0	18.00	19.60	25.60	5.42	98	8.21	5-16-6	18
	10	18.20	19.62	25.57	5.91	108	8.13	5-23- 14	18
	20	18.30	19.62	25.55	5.91	108	8.06	12-11- 2	21
	30	17.70	19.61	25.69	5.76	104	8.04	9-16-2	42
	40	17.70	19.62	25.70	5.63	101	8.04	11-0-2	41
	50	17.70	19.62	25.70	5.33	96	8.04	4-4-3	39
22.viii	0	17.60	19.65	25.77	5.55	100	8.16	13-7	31
	10	17.60	19.66	25.78	5.55	100	8.16	13-14	37
	20	17.50	19.66	25.81	5.36	96	8.17	13-12	14
	30	17.40	19.66	25.83	5.30	95	8.17	13-8	34
	40	17.20	19.65	25.87	5.55	99	8.16	13-4	3
	50	17.20	19.65	25.87	6.27	112	8.16	13-9	23
19.ix	0	17.50	19.55	25.65	5.65	101		9-22	9
	10	17.20	19.56	25.75	5.32	95		9-18	8
	20	17.00	19.57	25.80	5.27	94		11-14	41
	30	17.00	19.58	25.82	5.27	94		11-14	7
	40	17.00	19.57	25.80	5.27	94		12-13	35
	50	16.60	19.57	25.90	4.81	85		18-11	86
17.x	0	19.60	19.66	25.28	5.42	101	8.24	5-20	0
	10	19.00	19.65	25.42	5.82	107	8.25	6-34	3
	20	18.90	19.65	25.45	5.66	104	8.24	5-17	7
	30	19.20	19.64	25.35	6.06	112	8.23	5-17	11
	40	18.60	19.60	25.45	5.55	102	8.22	6-16	8
	50	16.30	19.57	25.97	4.33	76	8.23	24-9	80

Station: PORT STEPHENS

Latitude: 32°43' S.

Longitude: 152°18' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
14.xi	0	18.80	19.66	25.48	5.45	100	8.17	9-15	0
	10	18.70	19.65	25.50	5.32	98	8.17	9-20	0
	20	17.90	19.63	25.67	5.45	99	8.17	12-7	0
	30	17.70	19.63	25.72	5.38	97	8.16	14-5	2
	40	17.80	19.62	25.67	5.38	97	8.16	15-7	2
	50	17.80	19.63	25.69	5.24	95	8.15	12-11	1
16.xii	0	21.90	19.62	24.59	5.23	101	8.18	5-1	4
	10	21.80	19.62	24.62	5.18	100	8.18	3-1	4
	20	19.70	19.63	25.21	5.56	104	8.20	3-1	4
	30	19.20	19.67	25.39	5.43	101	8.19	3-7	4
	40	18.10	19.69	25.70	4.96	90	8.13	7-5	18
	50	17.90	19.67	25.72	4.66	84	8.14	10-3	22

Station: BOTANY HEADS

Latitude: 30°01' S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
7.i	0	22.40	19.50	24.30	5.48	107	8.18	1-0	17
	10	21.40	19.58	24.69	5.34	102	8.20	1-0	10
	20	21.20	19.61	24.78	5.34	102	8.20	1-0	23
	30	20.90	19.61	24.86	5.34	101	8.19	1-1	3
	40	19.10	19.62	25.35	4.67	86	8.19	8-0	2
	50	18.90	19.62	25.40	4.70	87		6-0	5
3.iii	0	22.50	19.23	23.90	5.02	97	8.16	2-12	13
	10	22.10	19.58	24.50	5.37	104	8.16	6-8	19
	20	21.80	19.53	24.50	4.91	95	8.15	10-0	27
	30	21.60	19.54	24.58	4.91	94	8.11	7-2	20
	40	21.00	19.54	24.74	4.68	89	8.12	8-3	19
	50	20.50	19.56	24.91	4.62	87	8.09	7-1	21
6.iv	0	22.40	19.38	24.14	4.87	95	8.16	6-0	62
	10	22.40	19.40	24.15	4.75	92	8.12	8-0	46
	20	19.30	19.50	25.14	4.27	79	8.09	15-7	63
	30	17.20	19.55	25.73	3.95	70	8.09	20-0	146
	40	15.80	19.53	26.02	4.11	72	8.10	21-8	160
	50	15.10	19.50	26.14	3.95	68	8.09	25-0	163
11.v	0	18.90	18.93	24.40	5.68	104	8.17	6-8	37
	10	19.40	19.54	25.17	5.32	99	8.17	2-10	10
	20	19.80	19.65	25.21	5.09	95	8.16	1-9	8
	30	19.80	19.62	25.16	5.09	95	8.15	2-9	8
	40	19.80	19.63	25.18	5.32	99	8.16	1-10	6
	50	19.60	19.61	25.21	5.28	98	8.13	1-11	10
11.vii	0	17.20	19.58	25.78	4.90	87	8.20	10-3	62
	10	17.20	19.58	25.78	4.84	86	8.20	14-4	23
	20	17.10	19.55	25.75	4.58	82	8.16	14-6	36
	30	17.20	19.53	25.70	4.42	79	8.16	16-1	52
	40	17.00	19.52	25.74	4.58	81	8.16	13-0	56
	50	16.60	19.52	25.83	5.08	90	8.16	8-0	16

Station: BOTANY HEADS

Latitude: 34°01' S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
17.viii	0	15.80	19.65	26.20	5.60	98	8.17	11-21	2
	10	15.70	19.65	26.22	5.57	97	8.18	11-23	5
	20	15.70	19.65	26.22	5.57	97	8.17	11-15	30
	30	15.80	19.65	26.20	5.60	98	8.14	11-26	52
	40	15.70	19.65	26.22	5.55	97	8.15	11-26	58
	50	15.50	19.65	26.26	5.64	98	8.14	13-13	47
14.ix	0	16.20	19.58	26.01	5.41	95	8.11	12-15	27
	10	15.90	19.58	26.08	5.35	93	8.10	11-16	36
	20	15.60	19.56	26.12	5.30	92	8.17	12-19	50
	30	14.60	19.55	26.32	5.18	88	8.18	18-10	87
	40	14.50	19.55	26.34	4.83	82	8.16	18-13	100
	50	14.50	19.53	26.31	4.83	82	8.18	19-12	119
13.x	0	16.10	19.57	26.01	6.39	112	8.20	3-19	0
	10	16.10	19.56	26.00	6.33	111	8.19	3-17	0
	20	16.00	19.56	26.03	6.00	105	8.16	4-16	0
	30	15.00	19.54	26.22	5.61	96	8.14	11-14	0
	40	14.70	19.47	26.19	4.77	81	8.14	14-14	80
	50	14.00	19.45	26.31	4.66	79	8.13	20-15	154
17.xi	0	19.40	19.68	25.35	5.12	95	8.17	9-12	0
	10	17.80	19.68	25.76	4.97	90	8.17	12-9	12
	20	16.90	19.63	25.91	4.62	82	8.14	17-4	35
	30	16.60	19.63	25.98	4.49	79	8.14	17-6	49
	40	16.40	19.63	26.03	4.49	79	8.14	18-4	29
	50	16.30	19.64	26.06	4.45	78	8.15	18-5	27

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 6.i	0	21.30	19.66	24.82	5.37	103	8.21	5-8-0	0
	10	20.50	19.67	25.05	5.65	107	8.20	6-7-0	0
	20	19.10	19.67	25.42	5.53	102	8.22	7-7-0	0
	30	17.90	19.63	25.67	4.87	88	8.18	13-6-5	14
	40	16.70	19.63	25.96	4.49	79	8.28	18-8-0	0
	50	16.30	19.63	26.05	4.29	75	8.15	19-7-0	21
17.i	0	21.20	19.64	24.82	5.44	104	8.20	0-13-0	0
	10	20.80	19.65	24.95	5.44	103	8.20	0-12-0	2
	20	20.10	19.63	25.10	5.53	104	8.19	2-12-0	7
	30	19.70	19.61	25.18	5.31	99	8.19	3-12-0	37
	40	19.50	19.61	25.23	5.31	99	8.19	7-9-0	18
	50	19.50	19.60	25.22	5.44	101	8.21	12-2-0	3
27.1	0	22.80			5.31		8.13	3-10- 12	12
	10	21.80			5.11		8.13	3-13-5	10
	20	20.60			5.08		8.11	7-6-4	12
	30	19.90			4.96		8.08	6-9-9	11
	40	18.80			4.73		8.09	8-14-1	19
	50	17.70			4.39		8.04	15-3-0	31
7.ii	0	22.10	19.60	24.52	4.67	90	8.22	3-5-5	0
	10	21.60	19.61	24.67	5.11	98	8.23	5-2-8	0
	20	21.20	19.61	24.78	4.85	93	8.22	4-3-3	0
	30	19.60	19.61	25.21	4.49	83	8.20	8-0-14	15
	40	19.30	19.61	25.28	4.62	86	8.17	10-0- 14	28
	50	18.50	19.59	25.47	4.62	84	8.18	10-0- 12	57
15.ii	0	21.30	19.50	24.60	5.49	105	8.24	1-17-0	11
	10	19.80	19.57	25.10	5.04	94	8.23	7-8-0	0
	20	18.30	19.57	25.49	4.43	81	8.20	17-0-0	34
	30	18.10	19.57	25.54	4.33	79	8.19	14-5-5	43
	40	17.30	19.57	25.73	4.14	74	8.20	18	58
	50	16.20	19.57	25.99	4.03	71	8.22	24-0-6	83

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 21.ii	0	21.00	19.55	24.75	5.26	100		3-10-0	33
	10	20.90	19.61	24.86	5.30	101	8.22	3-11-0	30
	20	20.50	19.60	24.96	5.21	98	8.21	3-10-0	48
	30	20.00	19.59	25.08	4.98	93	8.20	7-8-0	45
	40	18.80	19.59	25.39	4.54	83	8.19	13-4-0	65
	50	19.10	19.59	25.31	4.66	86	8.23	10-10-	57
								5	
2.iii	0	22.40	19.39	24.14	5.12	99	8.19	4-5-0	25
	10	22.40	19.58	24.41	4.92	96	8.19	4-8-0	24
	20	22.00	19.58	24.53	5.00	97	8.19	3-7-0	21
	30	21.80	19.57	24.56	4.91	95	8.19	4-8-0	26
	40	21.70	19.58	24.61	5.15	99	8.19	3-0-0	24
	50	21.60	19.56	24.61	5.18	99	8.16	3-0-0	27
9.iii	0	23.80	19.23	23.53	4.92	98	8.27	9-7-0	21
	10	22.90	19.40	24.01	4.71	92	8.25	11-4-0	24
	20	23.00	19.40	23.98	4.80	94	8.28	4-7-2	3
	30	22.90	19.40	24.01	4.68	92	8.25	3-8-0	4
	40	22.00	19.52	24.44	4.94	95	8.28	4-8-3	27
	50	21.90	19.53	24.47	4.92	95	8.28	3-12-2	18
16.iii	0	22.80	19.21	23.79	4.91	96	8.22	10-2-0	14
	10	22.70	19.35	24.00	4.85	95	8.23	6-3-1	13
	20	22.70	19.33	23.97	4.85	95	8.21	5-2-3	16
	30	22.60	19.34	24.02	4.85	95	8.21	7-2-4	36
	40	22.40	19.36	24.11	4.85	94	8.20	10-0-4	25
	50	20.00	19.56	25.04	4.49	84	8.16	10-3-6	41
29.iii	0	24.00	19.27	23.52	4.86	97	8.24	2-10-5	5
	10	24.00	19.33	23.60	4.90	98	8.24	3-10-0	4
	20	23.60	19.60	24.09	4.72	94	8.24	4-7-2	5
	30	20.30	19.60	25.01	4.16	78	8.19	12-9-1	48
	40	17.50	19.60	25.73	3.95	71	8.05	19-2-0	98
	50	15.40	19.53	26.11	4.01	69	8.13	22-4-2	130

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 5.iv	0	23.00	19.66	24.34	4.84	95	8.21	2-5-3	23
	10	23.00	19.67	24.36	4.84	95	8.21	2-5-4	14
	20	23.00	19.65	24.33	4.84	95	8.21	2-8-0	12
	30	22.80	19.66	24.40	4.84	95	8.18	3-4-0	11
	40	22.40	19.66	24.51	4.69	91	8.16	3-4-0	14
	50	17.00	19.59	25.83	4.01	71	8.20	20-0-4	80
13.iv	0	23.20	19.48	24.04	4.97	98	8.20	8-16-0	21
	10	22.90	19.50	24.16	5.01	98	8.18	8-0-0	29
	20	20.80	19.54	24.80	4.68	89	8.17	13-0-0	156
	30	18.10	19.49	25.43	4.68	85	8.19	10-1-0	81
	40	17.30	19.51	25.65	4.25	76	8.16	21-0-0	95
	50	16.00	19.54	26.00	4.05	77	8.20	23-0- 12	113
20.iv	0	22.20	19.43	24.26	5.06	98	8.20	2-8-0	7
	10	22.20	19.54	24.41	5.01	97	8.21	2-8-0	10
	20	22.10	19.60	24.52	4.21	82	8.19	2-4-2	11
	30	22.20	19.61	24.50	4.86	94	8.17	2-7-0	9
	40	20.50	19.59	24.95	4.45	84	8.15	6-8-0	36
	50	18.80	19.63	25.44	3.73	69	8.15	11-1- 12	69
4.v	0	19.90	18.80	24.02	5.46	101	8.24	5-10-6	15
	10	20.20	19.55	24.97	5.27	99	8.23	2-5-2	2
	20	20.80	19.60	24.88	4.97	94	8.22	4-5-1	3
	30	20.50	19.65	25.03	4.72	89	8.24	6-3-4	8
	40	20.00	19.62	25.11	5.11	96	8.23	4-8-0	0
	50	18.90	19.63	25.42	4.42	81	8.21	11-3-8	18
12.v	0	18.80	19.20	24.84	5.54	101	8.21	10*	20
	10	19.40	19.52	25.14	5.24	97	8.22	7*	9
	20	19.60	19.61	25.21	5.26	98	8.18	8*	5
	30	19.50	19.61	25.23	5.16	96	8.18	10*	5
	40	19.60	19.63	25.24	5.11	95	8.16	15*	11
	50	19.70	19.61	25.18	5.18	96	8.10	12*	6
								*Total P.	

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 16.v	0	19.50	19.67	25.32	5.24	97	8.21	3-5-2	0
	10	19.70	19.67	25.27	5.23	97	8.21	2-6-4	1
	20	19.50	19.67	25.32	5.36	100	8.21	6-3-0	7
	30	19.50	19.66	25.30	5.12	95	8.21	4-4-5	10
	40	19.40	19.65	25.31	5.32	99	8.21	5-2-1	3
	50	19.40	19.66	25.33	5.17	96	8.21	4-4-2	5
15.vi	0	19.50	19.52	25.12	5.24	97	8.22	4-16-3	4
	10	19.40	19.52	25.14	4.97	92	8.21	2-17-4	28
	20	18.80	19.57	25.36	4.97	91	8.20	7-16-2	28
	30	19.00	19.57	25.31	4.91	91	8.18	8-12-0	52
	40	18.50	19.58	25.46	4.73	86	8.16	7-12-3	48
	50	18.20	19.59	25.54	4.63	84	8.15	8-18-5	84
24.vi	0	18.40	19.56	25.45	5.10	93	8.21	6-18-5	4
	10	18.40	19.56	25.45	5.07	93	8.19	7-23-0	18
	20	18.20	19.52	25.45	5.02	91	8.17	13-5-6	20
	30	16.90	19.60	25.87	4.43	79	8.18	13-15- 3	66
	40	16.50	19.57	25.92	4.32	76	8.20	17-22- 0	58
	50	16.20	19.56	25.98	4.28	75	8.20	17-22- 19	72
29.vi	0	18.50	19.61	25.49	4.98	91	8.17	9-1-0	16
	10	18.40	19.62	25.52	5.15	94	8.20	9-6-0	4
	20	18.40	19.63	25.54	5.04	92	8.21	8-0-2	0
	30	18.50	19.63	25.52	5.19	95	8.19	9-0-1	0
	40	18.45	19.58	25.47	4.64	85	8.18	9-0-0	4
	50	17.40	19.61	25.76	5.10	91	8.22	15-0-0	0
6.vii	0	18.50	19.59	25.47	5.66	103	8.17	2-8-5	0
	10	18.40	19.58	25.48	5.66	103	8.18	2-7-2	7
	20	18.40	19.57	25.46	5.87	107	8.18	3-9-0	11
	30	17.60	19.56	25.65	5.24	94	8.16	5-4-6	24
	40	17.20	19.57	25.76	5.06	90	8.15	14-0-2	96
	50	17.20	19.54	25.72	4.86	87	8.15	15-4-0	104

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 11.vii	0	17.20	19.56	25.75	4.93	88	8.15	10-9-0	26
	10	17.20	19.56	25.75	4.93	88	7.94	7-9-3	20
	20	17.20	19.56	25.75	4.76	85	8.15	12-7-0	60
	30	16.80	19.56	25.84	4.18	74	8.12	16-8-0	100
	40	16.80	19.56	25.84	4.25	75	8.11	17-2-2	103
	50	16.40	19.56	25.93	4.32	76	8.13	16-5	85
18.vii	0	18.80	19.66	25.22	4.99	92	8.17	6-5-0	4
	10	18.80	19.65	25.21	5.04	93	8.18	7-5-2	11
	20	18.80	19.66	25.22	4.99	92	8.16	5-9-0	5
	30	18.70	19.65	25.50	4.90	90	8.16	6-5-0	7
	40	18.45	19.65	25.56	4.90	89	8.18	6-6-0	14
	50	17.70	19.61	25.69	5.04	91	8.18	6-11-0	28
26.vii	0	17.80	19.68	25.76	5.87	106	8.24	7-1-3	7
	10	17.80	19.73	25.83	5.76	104	8.24	7-5-3	12
	20	17.80	19.72	25.82	5.49	99	8.24	7-0-4	16
	30	17.80	19.73	25.83	5.42	98	8.18	7-3-3	31
	40	17.70	19.71	25.83	5.33	96	8.18	12-0-0	48
	50	17.10	19.70	25.96	4.90	87	8.16	13-0-0	91
2.viii	0	16.60	19.61	25.95	5.39	95	8.21	4-14-0	31
	10	16.70	19.61	25.93	5.39	95	8.20	5-16-0	32
	20	16.70	19.62	25.94	5.23	93	8.19	7-11-0	33
	30	16.70	19.62	25.94	5.27	93	8.19	5-11-0	29
	40	16.80	19.63	25.93	5.34	95	8.18	5-10-0	40
	50	16.80	19.63	25.93	5.27	94	8.18	7-5-0	34
10.viii	0	15.50	19.60	26.19	5.52	96	8.19	12-8-1	73
	10	15.40	19.61	26.23	5.30	92	8.19	13-10-0	66
	20	15.40	19.61	26.23	5.23	90	8.19	12-13-0	82
	30	15.40	19.62	26.24	5.23	90	8.18	12-12-0	83
	40	15.30	19.64	26.29	5.18	89	8.17	13-7-1	92
	50	15.30	19.65	26.31	5.02	87	8.18	17-4-4	142

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
15.viii	0	16.40	19.66	26.07	5.39	95	8.23	10-5	39
	10	16.00	19.64	26.13	5.49	96	8.24	12-5-4	61
	20	16.00	19.64	26.13	5.42	95	8.24	12-5-0	83
	30	15.60	19.60	26.17	5.20	90	8.21	16-5-7	100
	40	15.30	19.60	26.24	5.15	89	8.21	16-12-3	100
	50	15.10	19.60	26.28	5.27	91	8.22	16-7-3	98
22.viii	0	15.90	19.66	26.18	5.69	99	8.20	9-6-2	95
	10	15.90	19.65	26.17	5.66	98	8.19	9-6-2	40
	20	15.90	19.65	26.17	5.71	100	8.20	9-11-1	57
	30	15.90	19.66	26.18	5.64	98	8.18	10-5	51
	40	15.90	19.66	26.18	5.64	98	8.18	10-7-3	46
	50	15.60	19.63	26.21	5.30	92	8.19	14-3-1	42
30.viii	0	16.00	19.66	26.16	6.06	106	8.21	8-13-0	2
	10	15.60	19.66	26.25	6.18	107	8.21	8-22-2	10
	20	15.90	19.66	26.18	5.87	103	8.19	8-19	20
	30	15.90	19.66	26.18	5.82	102	8.19	13-10-10	30
	40	15.50	19.66	26.27	5.36	93	8.18	16-29-0	55
	50	14.90	19.63	26.37	5.18	89	8.18	17-10-3	79
8.ix	0	16.60	19.63	25.98	5.72	101	8.20	7-16-7	13
	10	16.60	19.63	25.98	5.66	100	8.20	5-16-0	13
	20	16.50	19.63	26.00	5.72	101	8.19	7-10-6	13
	30	16.40	19.62	26.01	5.66	100	8.19	6-13-4	0
	40	15.90	19.61	26.11	5.60	98	8.19	7-16-4	14
	50	15.60	19.60	26.17	5.72	99	8.18	9-8-6	12

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 12.ix	0	16.80	19.62	25.91	5.47	97	8.17	7-17-0	13
	10	16.50	19.61	25.97	5.47	96	8.16	7-14-4	9
	20	16.20	19.61	26.04	5.30	93	8.16	9-18-0	28
	30	16.00	19.59	26.07	5.75	101	8.15	11-12- 2	45
	40	14.90	19.53	26.22	5.07	87	8.14	15-12- 3	89
	50	14.30	19.50	26.32	5.02	85	8.16	19-14- 0	114
20.ix	0	16.70	19.58	25.89	5.32	94	8.12	12	41
	10	15.70	19.59	26.14	5.06	88	8.13	13-21- 5	0
	20	15.60	19.59	26.16	5.08	88	8.12	13-13- 5	59
	30	15.50	19.59	26.18	4.45	77	8.12	15-11- 6	40
	40	15.30	19.59	26.23	5.24	91	8.13	13	41
	50	15.00	19.59	26.29	5.17	89	8.13	17-10- 5	71
28.ix	0	16.10	19.63	26.10	5.46	96	8.11	4-17-0	0
	10	15.80	19.63	26.17	4.92	86	8.14	10-13- 37	19
	20	15.30	19.60	26.24	4.92	85	8.16	17-14	36
	30	15.20	19.60	26.26	4.86	84	8.19	17-11- 8	88
	40	14.90	19.61	26.34	4.86	83	8.19	19-11- 2	70
	50	14.90	19.60	26.33	4.81	83	8.15	17-12- 0	63
5.x	0	17.90	19.63	25.67	5.78	105	8.23	3-15-2	1
	10	17.30	19.57	25.73	5.73	103	8.23	5-13-3	2
	20	17.20	19.63	25.84	5.73	102	8.23	4-12-2	3
	30	16.90	19.63	25.91	5.60	99	8.20	5-18-2	3
	40	16.50	19.58	25.94	5.42	96	8.19	8-17-0	9
	50	16.10	19.60	26.06	5.30	93	8.17	9-16-5	23

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 10.x	0	17.60	19.55	25.63	5.83	105	8.19	7-16-6	1
	10	15.90	19.55	26.03	4.65	81	8.10	15-10-4	69
	20	15.30	19.55	26.17	4.65	80	8.10	18-12-3	69
	30	14.20	19.55	26.40	4.49	76	8.09	24-16-0	143
	40	13.70	19.52	26.47	4.65	78	8.10	22-9-7	152
	50	13.70	19.52	26.47	4.49	75	8.10	22-9-6	172
17.x	0	17.40	19.58	25.73	5.82	104	8.24	6-11-1	10
	10	16.80	19.59	25.88	5.76	102	8.26	5-15-3	6
	20	16.60	19.59	25.93	5.55	98	8.25	6-17-0	8
	30	16.60	19.59	25.93	5.82	103	8.24	5-12-7	1
	40	15.80	19.56	26.07	4.95	86	8.20	10-7-6	14
	50	14.80	19.55	26.28	4.60	79	8.14	18-12-0	78
24.x	0	17.10	19.56	25.77				11-0-3	6
	10	17.10	19.57	25.78			8.19	8-1-27	7
	20	16.80	19.57	25.85			8.18	9-9-4	9
	30	15.90	19.57	26.06			8.15	12-2-0	10
	40	14.80	19.56	26.30			8.14	22-0-7	122
	50	14.60	19.55	26.32			8.11	20-5-3	85
31.x	0	17.70	19.52	25.57	5.87	106	8.21	5-28-0	0
	10	16.70	19.52	25.81	5.82	103	8.19	9-33-0	9
	20	16.50	19.52	25.86	5.49	97	8.17	9-38-0	18
	30	16.20	19.52	25.93	5.07	89	8.14	12-45-0	51
	40	15.50	19.53	26.09	4.83	84	8.13	16-41-3	89
	50	15.10	19.54	26.20	4.83	83	8.14	17-26-4	132

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 7.xi	0	18.80	19.56	25.35	5.52	101	8.19	5-6-3	7
	10	16.70	19.57	25.87	5.20	94	8.20	8-10-0	15
	20	16.00	19.64	26.13	4.91	86	8.17	11-7-0	22
	30	15.50	19.60	26.19	4.65	81	8.17	17-7-0	46
	40	15.40	19.59	26.20	4.65	80	8.08	14-11-7	75
	50	15.30	19.60	26.24	4.65	80	8.13	15-9-0	80
16.xi	0	21.10	19.72	24.96	5.88	112	8.22	8-5-12	0
	10	20.60	19.65	25.00	5.32	101	8.22	6-7-8	0
	20	19.90	19.67	25.21	5.32	99	8.22	8-8-3	1
	30	18.40	19.60	25.50	5.48	100	8.22	6-9-4	2
	40	17.50	19.60	25.73	4.86	87	8.20	12-5-6	44
	50	17.30	19.60	25.77	4.91	88	8.17	12-8-6	44
22.xi	0	20.20	19.65	25.11	5.94	111	8.21	3-5-1	85
	10	20.00	19.65	25.16	5.59	104	8.23	4-7-2	11
	20	19.90	19.64	25.17	5.70	106	8.23	4-7-4	1
	30	19.60	19.64	25.25	5.88	109	8.23	4-14-0	0
	40	18.60	19.65	25.52	5.32	97	8.22	7-11-3	0
	50	17.40	19.64	25.80	4.31	77	8.15	15-7-5	0
29.xi	0	19.60	19.43	24.96	5.50	102	8.22	5-7-1	
	10	19.30	19.64	25.32	4.67	86	8.22	5-3-0	
	20	19.30	19.64	25.32	5.24	97	8.22	6-6-0	
	30	19.20	19.64	25.35	5.11	95	8.24	6-0-0	
	40	18.50	19.60	25.48	5.06	93	8.19	8-4-0	
	50	17.70	19.59	25.66	4.45	80	8.19	13-0-0	
7.xii	0	19.60	19.62	25.22	5.30	99	8.22	5-12-0	27
	10	19.20	19.66	25.38	5.30	98	8.23	6-14-0	0
	20	19.10	19.66	25.41	5.15	95	8.22	5-11-0	0
	30	18.60	19.64	25.50	5.01	92	8.20	5-13-4	23
	40	17.70	19.63	25.72	4.94	89	8.16	13-9-0	61
	50	16.70	19.62	25.94	4.33	77	8.13	17-5-5	68

Station: PORT HACKING

Latitude: 34°05' S.

Longitude: 151°13' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
13.xii	0	20.10	19.60	25.07	5.23	98	8.17	18-0-0	0
	10	20.10	19.59	25.05	5.30	99	8.19	3-13-0	0
	20	19.80	19.57	25.10	5.30	99	8.16	3-12-1	0
	30	17.10	19.56	25.77	4.54	81	8.11	12-15-0	18
	40	15.10	19.57	26.24	4.14	71	8.07	19-11-0	110
	50	14.50	19.55	26.34	4.08	69	8.07	23-7-3	105
19.xii	0	22.50	19.62	24.43	4.90	96	8.20	4-2-4	
	10	20.90	19.62	24.87	5.07	96	8.23	3-9-1	5
	20	20.00	19.60	25.09	4.84	91	8.21	6-4-6	17
	30	18.90	19.62	25.40	4.84	89	8.21	6-7-5	24
	40	16.70	19.59	25.90	4.01	71	8.11	18-7-1	114
	50	15.20	19.56	26.21	3.73	64	8.09	23-2-1	193

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 13.i	0	20.80	19.67	24.97	4.96	94	8.20	0-17-4	8
	10	20.80	19.68	24.98	4.96	94	8.20	0-11-0	0
	20	20.70	19.68	25.01	5.06	96	8.17	0-14-0	2
	30	20.40	19.68	25.09	5.06	95	8.15	2-13-0	0
	40	19.60	19.67	25.29	4.96	92	8.15	3-12-0	0
	50	19.50	19.67	25.32	4.96	92	8.15	3-13-0	0
	75	16.90	19.63	25.91	4.26	76	8.10	11-11-0	2
	100	16.20	19.62	26.05	4.91	86	8.10	16-6-0	5
17.i	0	21.10	19.72	24.96	5.55	106	8.21	2-7-5	21
	10	21.00	19.70	24.96	5.55	106	8.21	2-18-1	9
	20	20.90	19.72	25.01	5.37	102	8.22	0-10-0	0
	30	20.80	19.72	25.04	5.50	104	8.20	0-14-0	0
	40	20.30	19.72	25.18	5.55	104	8.20	2-6-0	34
	50	19.20	19.69	25.42	5.02	93	8.16	3-10-0	36
	75	17.10	19.64	25.87	4.91	88	8.13	9-13-0	32
	100	16.20	19.63	26.07	4.62	81	8.07	9-14-0	66
27.i	0	23.20	19.70	24.34	5.12	101		4-4-4	11
	10	22.60	19.69	24.50	5.14	101		6-5-4	13
	20	21.40	19.69	24.84	5.17	99		5-4-2	13
	30	19.90	19.67	25.21	4.96	93		5-0-10	11
	40	19.50	19.67	25.32	4.96	92		5-3-1	16
	50	17.50	19.63	25.77	4.85	87		13-4-0	32
	75	15.80	19.59	26.11	4.19	73		18-7-0	44
	100	15.50	19.59	26.18	4.26	74		19-0-0	94
7.ii	0	22.30	19.61	24.47	5.50	107	8.20	1-5-1	0
	10	21.90	19.60	24.57	5.45	105	8.21	1-3-5	9
	20	21.70	19.60	24.63	5.53	106	8.21	4-8-2	9
	30	20.70	19.60	24.90	5.50	104	8.22	4-3-15	30
	40	20.30	19.61	25.02	5.41	102	8.24	4-11-2	12
	50	19.80	19.61	25.15	5.20	97	8.20	6-15-0	10
	75	16.60	19.59	25.93	4.26	75	8.17	15-10-0	78
	100	15.80	19.56	26.07	4.13	72		25-6-0	136

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
15.ii	0	22.80	19.52	24.21	5.12	100	8.23	6-7-0	4
	10	21.60	19.59	24.65	5.20	100	8.23	8-3-2	9
	20	19.10	19.60	25.33	5.12	94	8.21	6-9-0	1
	30	18.50	19.60	25.48	4.78	87	8.19	9-8-4	8
	40	17.60	19.58	25.68	4.20	76	8.17	15-10- 2	41
	50	16.80	19.58	25.87	3.94	70	8.15	18-11- 0	58
	75	15.10	19.55	26.21	4.48	77	8.17	22-13- 0	86
	100	13.60	19.48	26.43	4.43	74	8.21	22-0-4	81
21.ii	0	21.20	19.61	24.78	5.23	100	8.22	5-8-2	38
	10	20.90	19.61	24.86	5.23	99	8.20	4-14-1	38
	20	20.40	19.61	25.00	5.27	99		7-5-1	35
	30	20.50	19.59	24.95	5.30	100	8.20	4-11-1	36
	40	20.20	19.59	25.03	5.27	99	8.16	4-5-0	29
	50	18.00	19.59	25.59	4.41	80	8.14	16-0-0	79
	75	15.40	19.57	26.17	4.17	72	8.13	23-0- 11	125
	100	13.80	19.51	26.43	4.52	76	8.16	22-7-6	121
2.iii	0	23.30	19.61	24.18	4.98	98	8.16	2-0-5	15
	10	22.70	19.59	24.34	5.17	101	8.16	2-5-2	23
	20	22.10	19.61	24.53	4.89	95	8.19	2-8-1	25
	30	22.00	19.60	24.55	5.12	99	8.14	2-7-0	25
	40	21.80	19.59	24.59	5.05	97		3-2-0	27
	50	21.50	19.57	24.64	5.12	98	8.20	4-3-0	23
	75	19.20	19.59	25.29	4.70	87	8.17	5-0-0	42
	100	14.90	19.54	26.14	4.63	79	8.16	20-0-0	122

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
9.iii	0	23.80	19.22	23.51	4.66	92	8.26	4-8-4	15
	10	23.80	19.24	23.54	4.68	93	8.26	3-9-4	9
	20	22.80	19.36	24.00	4.56	89	8.25	2-9-0	11
	30	21.50	19.52	24.58	4.79	92	8.26	3-5-1	7
	40				4.73		8.25	3-8-2	5
	50	19.80	19.61	25.15	4.23	79	8.26	9-6-0	23
	75	16.60	19.58	25.92	3.52	62	8.26	17-4-	91
								11	
	100	15.30	19.53	26.14	4.12	71		19-10-4	112
16.iii	0	22.90	19.30	23.88	5.37	105		4-6-5	17
	10	22.60	19.28	23.94	5.05	98	8.19	5-8-0	13
	20	22.80	19.30	23.91	5.24	103	8.19	4-15-0	10
	30	22.60	19.32	23.99	5.23	102	8.18	6-9-6	8
	40	21.20	19.52	24.66	5.06	96	8.15	10-3-0	12
	50	18.60	19.66	25.53	4.86	89	8.08	14-4-2	75
	75	15.80	19.57	26.08	4.40	77		20-0-	128
								20	
	100	14.50	19.55	26.34	4.82	82	8.16	20-0-10	111
29.iii	0	24.00	19.34	23.62	5.22	104	8.22	4-7-7	6
	10	24.10	19.48	23.78	4.84	97	8.19	7-6-7	8
	20	23.80	19.48	23.86	4.74	94	8.21	5-6-1	4
	30	23.60	19.48	23.92	4.82	96	8.16	11-3-9	4
	40	23.70	19.60	24.06	4.16	83	8.17	13-9-8	49
	50	16.90	19.56	25.82	4.16	74	8.17	17-4-2	100
	75	14.90	19.53	26.22	4.11	70	8.13	21-8-1	170
	100	14.40	19.48	26.27	4.01	68	8.10	24-6-0	174

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 5.iv	0	23.80	19.64	24.08	4.96	99	8.22	1-21-7	18
	10	23.40	19.63	24.19	4.90	97	8.22	2-8-3	33
	20	23.50	19.65	24.19	4.78	95	8.22	2-19-0	11
	30	23.40	19.67	24.24	4.90	97	8.22	2-1-2	18
	40	23.10	19.68	24.34	4.84	95	8.20	4-3-3	10
	50	21.20	19.67	24.86	5.04	96	8.17	5-7-8	20
	75	18.20	19.63	25.59	4.20	77	8.16	22-0-0	109
	100	14.40	19.51	26.30	4.04	69	8.23	23-4-0	120
13.iv	0	23.30	19.56	24.12	4.94	98	8.20	8	14
	10	23.30	19.53	24.07	4.68	92	8.20	10	11
	20	23.40	19.54	24.07	5.01	99	8.19	8-2-0	37
	30	23.00	19.54	24.18	4.86	95	8.17	7	13
	40	20.90	19.61	24.86	4.62	88	8.15	15-1-0	42
	50	20.00	19.53	24.99	4.86	91	8.19	11-0-0	17
	75	17.50	19.54	25.64	4.75	85	8.21	9-2-0	47
	100	17.40	19.57	25.71	4.05	72	8.20	20-0-0	118
20.iv	0	22.10	19.63	24.56	5.01	97	8.22	2-6-0	31
	10	22.00	19.63	24.59			8.21	2-6-0	27
	20	22.00	19.63	24.59	5.01	97	8.21	2-8-0	13
	30	21.90	19.64	24.62	4.94	95	8.21	2-6-0	9
	40	21.80	19.63	24.64	4.96	96	8.16	2-6-0	9
	50	20.00	19.64	25.14	4.41	83	8.12	8-5-0	40
	75	17.90	19.61	25.64	4.24	77	8.12	11-4-0	77
	100	16.70	19.59	25.90	4.24	75	8.10	12-9-0	109
4.v	0	20.40	19.60	24.99	5.27	99	8.25	7-3-2	27
	10	20.40	19.61	25.00	5.38	101	8.24	2-7-4	3
	20	20.40	19.61	25.00	5.19	98	8.24	2-11-4	2
	30	20.50	19.62	24.98	5.28	100	8.25	4-3-2	5
	40	20.40	19.62	25.01	5.04	95	8.22	4-11-	3
								27	
	50	20.30	19.64	25.06	5.05	95	8.19	10-6-0	11
	75	16.40	19.60	25.99	4.62	81	8.23	18-14-	79
							38		
100	15.80	19.57	26.08	4.58	80	8.20	19-4-2	73	

Station: PORT HACKING

Latitude: 34°05'30"

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 11.v	0	19.60	19.47	24.88	5.21	97	8.16	1-4-0	3
	10	19.80	19.64	25.19	5.46	102	8.15	2	5
	20	19.70	19.64	25.22	5.34	99	8.15	1	7
	30	19.80	19.66	25.25	5.18	97	8.13	2-13- 16	6
	40	19.70	19.65	25.24	5.18	96	8.12	2-5-2	8
	50	19.80	19.66	25.25	5.18	97	8.12	4-0-6	6
	75	19.50	19.69	25.35	5.21	97	8.12	8-0-0	14
	100	19.00	19.68	25.46	5.02	93	8.11	8-5-0	27
16.v	0	19.70	19.68	25.28	5.22	97	8.21	3	2
	10	19.70	19.69	25.30	5.45	102	8.20	2-5-3	0
	20	19.50	19.68	25.33	5.19	96	8.22	2-0-0	1
	30	19.60	19.69	25.32	5.36	100	8.22	3-1-0	3
	40	19.80	19.69	25.27	5.05	94	8.22	2-7-0	3
	50	19.70	19.69	25.30	5.50	103	8.21	2-7-0	3
	75	18.20	19.67	25.65	4.67	85	8.15	10-4-1	74
	100	17.60	19.66	25.78	5.06	91	8.12	14-2-1	78
15.vi	0	19.20	19.49	25.15	5.18	96	8.21	4-6-0	14
	10	19.20	19.50	25.16	5.18	96	8.21	4-9	24
	20	19.00	19.50	25.21	5.10	94	8.22	4-8-0	4
	30	19.20	19.50	25.16	5.24	97	8.21	5-8-4	6
	40	19.10	19.50	25.19	5.10	94	8.20	3-14-3	12
	50	18.00	19.60	25.60	4.63	84	8.17	7-13-0	52
	75	17.20	19.59	25.79	4.27	76	8.19	14-6-0	100

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 24.vi	0	18.60	19.52	25.35	5.14	94	8.21	6-14-5	10
	10	18.70	19.55	25.35	5.19	95	8.20	5-26-0	8
	20	18.50	19.54	25.40	5.07	93	8.19	7-13-6	12
	30	18.20	19.55	25.48	4.86	88	8.19	10-20- 0	68
	40	17.00	19.58	25.82	4.38	78	8.20	15-13- 1	98
	50	16.70	19.57	25.87	4.25	75	8.20	17-12- 2	84
	75	15.50	19.54	26.11	4.25	74	8.19	19-17- 2	92
	100	14.80	19.52	26.24	4.32	74	8.21	20-21- 7	104
29.vi	0	19.00	19.66	25.43	5.19	96		13-1-0	0
	10	19.00	19.67	25.45	5.33	98	8.23	10-2-0	0
	20	18.90	19.64	25.43	5.19	96	8.23	6-3-0	4
	30	18.95	19.64	25.41			8.23	7-4-0	18
	40	18.70	19.64	25.48	5.04	92	8.22	7-4-0	20
	50	17.90	19.61	25.64	4.94	89	8.22	12-1-0	96
	75	16.30	19.59	26.00	4.20	74	8.17	16-0-0	94
	100	14.60	19.52	26.28	4.40	75	8.15	9-12-2	116
6.vii	0	18.90	19.54	25.29	5.37	99	8.16	2-5-2	0
	10	19.00	19.54	25.27	5.45	100	8.17	2-5-0	0
	20	19.00	19.54	25.27	5.32	98	8.18	2-2-5	0
	30	18.50	19.56	25.43	5.17	94	8.18	4-2-2	0
	40	18.20	19.60	25.55	5.24	95	8.17	5-4-7	15
	50	18.20	19.58	25.53	5.12	93	8.15	5-4-1	56
	75	16.30	19.54	25.93	4.71	83	8.17	14-1-1	122
	100	15.10	19.54	26.20	4.29	74	8.16	18-0-6	119

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 11.vii	0	17.70	19.54	25.59	5.08	91	8.20	7-5-0	0
	10	17.70	19.53	25.57	5.12	92	8.20	8-1-5	9
	20	17.60	19.56	25.65	4.82	87	8.17	10-5-3	26
	30	17.50	19.56	25.67	4.76	85	8.15	12-4-0	36
	40	17.60	19.59	25.69	4.32	78	8.11	14-1-0	50
	50	17.60	19.62	25.72	4.25	76	8.12	16-0-5	89
	75	16.90	19.54	25.79	4.25	75	8.12	17-4-0	103
	100	15.00	19.54	26.22	3.99	69	8.20	23-3-3	139
18.vii	0	19.00	19.66	25.43	5.04	93	8.18	6-6-0	5
	10	19.00	19.65	25.42	4.99	92	8.18	4-8-2	5
	20	19.00	19.65	25.42	4.99	92	8.18	6-3-0	5
	30	19.00	19.65	25.42	4.99	92	8.17	6-1-3	5
	40	19.00	19.65	25.42	4.99	92	8.17	6-4-0	4
	50	18.90	19.65	25.45	4.99	92	8.16	7-0-7	4
	75	17.85	19.64	25.69	4.58	83	8.18	10-5-0	50
	100	17.20	19.62	25.82	4.69	84	8.18	13-1-0	57
26.vii	0	17.80	19.65	25.72	5.33	96	8.27	9-5-0	20
	10	17.80	19.70	25.79	5.33	96	8.27	9-0-4	11
	20	17.90	19.65	25.70	5.35	97	8.24	9-0-2	9
	30	17.80	19.63	25.69	5.37	97	8.24	8-4-0	20
	40	17.80	19.63	25.69	5.35	97	8.21	8-3-0	11
	50	17.70	19.65	25.75	5.33	96	8.20	9-5-0	8
	75	16.40	19.56	25.93	5.16	91	8.18	17-1-4	89
	100	14.50	19.47	26.23	5.03	86	8.18	21-0-0	102
2.viii	0	16.60	19.60	25.94	5.31	94	8.20	4-8-2	35
	10	16.80	19.61	25.90	5.27	93	8.20	7-8-0	31
	20	16.80	19.62	25.91	5.31	94	8.20	7-5-1	31
	30	16.80	19.62	25.91	5.34	95	8.20	5-11-0	45
	40	16.60	19.61	25.95	5.34	94	8.22	4-7-0	35
	50	16.80	19.61	25.90	5.37	95	8.20	7-8-3	35
	75	16.80	19.62	25.91	5.04	89	8.22	7-8-0	33
	100	16.80	19.62	25.91	4.82	85	8.19	9-3-1	28

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 10.viii	0	15.50	19.64	26.24	5.23	91	8.19	13-9-0	99
	10	15.50	19.64	26.24	5.18	90	8.19	13-7	85
	20	15.50	19.63	26.23	5.23	91	8.19	13-10-0	92
	30	15.50	19.62	26.21	5.18	90	8.19	13-10-2	97
	40	15.40	19.62	26.24	5.18	90	8.19	12-8-7	111
	50	15.40	19.61	26.23	5.18	90	8.19	12-8-3	82
	75	15.20	19.60	26.26	5.11	88	8.17	14-9-0	95
	100	14.60	19.59	26.38	5.07	87	8.14	19-4-1	124
22.viii	0	15.90	19.66	26.18	5.71	100	8.18	10-2-3	64
	10	15.95	19.66	26.17	5.69	99	8.16	10-9-0	44
	20	15.90	19.66	26.18	5.71	100	8.18	9-8-0	66
	30	15.90	19.65	26.17	5.69	99	8.18	9-10-6	49
	40	15.90	19.66	26.18	5.76	101	8.16	10-5-0	52
	50	15.80	19.65	26.20	5.57	97	8.16	10-6-0	54
	75	15.20	19.60	26.26	5.23	90	8.16	15-6-0	61
	100	14.80	19.58	26.33	5.15	88	8.17	16-7-0	
30.viii	0	16.00	19.66	26.16	6.06	106	8.23	7-16-0	2
	10	16.10	19.66	26.14	5.99	105	8.20	8-11-0	5
	20	15.80	19.64	26.18	5.69	99	8.19	12-18-0	98
	30	15.60	19.62	26.19	5.23	91	8.17	15-15-0	252
	40	15.40	19.64	26.27	5.36	93	8.17	13-19-1	206
	50	15.00	19.61	26.31	5.30	91	8.19	15-18-7	278
	75	13.60	19.53	26.50	5.02	84	8.19	22-11-0	136
	100	11.80	19.42	26.71	4.83	78	8.21	30-12-8	171

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N	
1955 8.1x	0	16.90	19.65	25.94	5.60	99	8.21	7-16-0	13	
	10	16.90	19.63	25.91	5.60	99	8.21	7-18-2	18	
	20	16.90	19.63	25.91	5.66	101	8.20	7-15-1	18	
	30	16.50	19.62	25.98	5.47	96	8.19	7-20-2	20	
	40	16.30	19.61	26.02	5.60	98	8.13	10-13-0	18	
	50	15.90	19.52	25.99	4.71	82	8.10	18-12-2	87	
	75	14.40	19.57	26.39	5.75	98	8.10	11-19-2	101	
	100	13.70	19.49	26.43	4.95	83	8.07	13-19-1	35	
	12.1x	0	17.00	19.60	25.85	5.72	102	8.17	5-25-5	5
		10	17.00	19.60	25.85	5.72	102	8.15	8-15-7	15
20		16.90	19.60	25.97	5.60	99	8.14	7-16-4	9	
30		16.20	19.59	26.02	5.42	95	8.12	16-16-1	89	
40		15.20	19.55	26.19	4.88	84	8.13	19-20-3	112	
50		14.50	19.52	26.30	4.88	83	8.14	19-11-7	119	
75		13.80	19.49	26.41	5.02	84	8.15	17-16-0	107	
100		13.40	19.47	26.47	4.83	81	8.17	22-17-1	116	

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 20.ix	0	16.80	19.59	25.88	5.32	94	8.19	12-11- 2	36
	10	16.40	19.60	25.99	5.02	88	8.12	13	27
	20	16.20	19.60	26.03	4.45	78	8.11	13-14- 0	36
	30	15.90	19.59	26.09	3.46	60	8.13	13-12- 2	30
	40	15.70	19.59	26.14	3.63	63	8.11	13-11- 3	55
	50	15.60	19.60	26.17	4.67	81	8.11	16-9-4	44
	75	14.70	19.55	26.30	4.79	82	8.09	19-13- 0	71
	100	13.80	19.52	26.45	4.79	81	8.12	23-9-4	85
28.ix	0	17.80	19.60	25.65	5.81	105	8.25	3-19-7	0
	10	17.50	19.61	25.74	5.46	98	8.26	5-17-7	0
	20	16.40	19.62	26.01	5.32	94	8.28	11-17- 1	27
	30	14.80	19.55	26.28	4.70	80	8.28	27-9- 13	71
	40	14.50	19.54	26.33	4.75	82	8.28	22-14- 8	106
	50	14.00	19.51	26.39	4.98	84	8.23	22-14- 0	70
	75	13.50			4.75		8.24	22	93
	100	13.40	19.50	26.51	4.92	82	8.25	22-12- 6	86

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 5.x	0	17.80	19.63	25.69	5.82	105	8.24	4-14-0	0
	10	17.50	19.62	25.75	5.82	104	8.23	3-15-8	0
	20	17.30	19.60	25.77	5.82	104	8.23	4-20-5	0
	30	16.50	19.58	25.94	5.48	97	8.20	5-20-6	7
	40	16.10	19.58	26.03	5.30	93	8.18	13-12-0	31
	50	15.20	19.55	26.19	4.71	81	8.10	19-13-6	48
	75	13.90	19.52	26.43	4.54	76	8.10	24-10-2	90
	100	13.70	19.50	26.44	4.48	75	8.10	24-7-1	86
10.x	0	17.90	19.63	25.67	5.78	105	8.20	4-13-6	0
	10	17.80	19.62	25.67	5.78	104	8.20	6-24-0	0
	20	17.50	19.62	25.75	4.37	78	8.21	9-16-7	6
	30	15.10	19.55	26.21	4.48	77	8.12	22-13-8	122
	40	14.40	19.47	26.26	4.54	77	8.09	22-9-11	117
	50	13.80	19.47	26.38	4.26	72	8.09	22-18-7	132
	75	13.30	19.47	26.49	4.88	81	8.08	24-6-9	18
	100	12.90	19.47	26.57	4.88	81	8.08	24-5-10	147
17.x	0	17.80	19.54	25.57	5.60	101	8.23	5-15-0	4
	10	17.90	19.62	25.65	5.60	101	8.23	6-14-0	8
	20	17.40	19.63	25.79	5.66	101	8.24	5-12-0	0
	30	16.60	19.59	25.93	5.82	103	8.24	4-11-2	0
	40	15.60	19.59	26.16	5.23	91	8.19	10-18-4	23
	50	13.40	19.53	26.54	3.83	64	8.12	22-8-7	117
	75	13.40	19.53	26.54	4.33	72	8.12	21-12-4	139
	100	13.40	19.47	26.47	4.01	67	8.09	22-15-3	135

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ _t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N	
1955 24.x	0	17.50	19.57	25.68			8.20	12-8-1	8	
	10	17.20	19.56	25.75			8.21	6-16-10	10	
	20	16.80	19.57	25.85			8.21	8-8-13	7	
	30	15.50	19.57	26.15			8.16	12-5-2	33	
	40	14.80	19.56	26.30			8.12	21-4-2	84	
	50	14.20	19.56	26.42			8.11	21-14-3	131	
	75	13.70	19.55	26.51			8.13	20-12-9	135	
	100	13.60	19.54	26.52			8.11	23-9-0	119	
	31.x	0	18.00	19.57	25.56	5.76	104	8.21	5-30-0	0
		10	17.70	19.57	25.63	5.76	104	8.22	5-31-0	2
20		17.40	19.57	25.71	5.66	101	8.19	7-26-10	2	
30		15.90	19.55	26.03	4.90	86	8.15	14-33-3	34	
40		15.40	19.55	26.14	4.83	84	8.14	16-21-0	63	
50		15.00	19.55	26.23	5.07	87	8.18	17-16-14	70	
75		14.60	19.55	26.32	5.07	87	8.15	22-11-14	63	
100		13.80	19.53	26.46	4.90	82	8.13	18-9-13	115	

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 7.xi	0	18.50	19.62	25.50	5.52	101	8.24	5-10-7	0
	10	18.40	19.60	25.50	5.39	98	8.24	5-10-7	0
	20	17.80	19.61	25.66	5.05	91	8.20	6-11-6	1
	30	16.80	19.58	25.87	4.91	87	8.18	11-10- 2	13
	40	16.20	19.57	25.99	4.52	79	8.18	14-13- 3	23
	50	15.00	19.57	26.26	4.47	77	8.15	17-13- 5	100
	75	14.60	19.57	26.35	4.82	82	8.14	15-20- 0	15
	100	14.10	19.57	26.46	4.71	80	8.14	17-15- 5	85
16.xi	0	21.20	19.70	24.90	5.24	100	8.23	6-10-1	0
	10	21.00	19.63	24.86	5.32	101	8.23	6-3-5	0
	20	20.50	19.70	25.09	5.38	102	8.23	6-0-4	0
	30	18.90	19.64	25.57	5.32	98	8.21	6-6-6	49
	40	18.40	19.65	25.57	5.12	93	8.18	15-0-0	29
	50	17.80	19.57	25.61	4.42	80	8.17	15-0-3	54
	75	16.80	19.59	25.93	4.91	87	8.18	13-0-2	40
	100	16.00	19.57	26.04	4.79	84	8.16	15-6-4	75
22.xi	0	20.60	19.67	25.03	5.50	104	8.21	6-29-2	0
	10	20.40	19.67	25.08	5.66	107	8.21	5-14-1	0
	20	20.10	19.67	25.16	5.45	102	8.21	5-9-5	0
	30	19.30	19.67	25.37	5.38	100	8.22	5-8-6	0
	40	18.90	19.67	25.47	5.45	100	8.19	8-9-8	2
	50	17.90	19.63	25.67	4.86	88	8.18	12-9-5	45
	75	16.00	19.58	26.06	4.94	86	8.16	18-14- 0	83
	100	14.60	19.49	26.24	4.35	74	8.13	24-5-3	153

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 29.xi	0	19.80	19.46	24.95	5.17	96	8.22	7-4-4	
	10	19.40	19.63	25.29	5.02	93	8.22	6-3-2	
	20	18.90	19.63	25.42	4.97	92	8.23	8-9-2	
	30	18.80	19.62	25.42	5.11	94	8.21	8-3-5	
	40	18.80	19.62	25.42	5.02	92	8.20	8-6-1	
	50	18.00	19.62	25.62	4.49	81	8.16	12-4-3	
	75	16.20	19.62	26.05	4.29	75	8.13	18-3-4	
	100	14.70	19.55	26.30	4.16	71	8.10	23-0-6	
7.xii	0	19.80	19.58	25.12	5.10	95	8.19	5-17-0	20
	10	19.40	19.67	25.34	5.36	100	8.21	5-9-1	0
	20	19.20	19.67	25.39	5.30	98	8.21	5-8-0	0
	30	19.20	19.67	25.39	4.95	92	8.19	6-8-0	0
	40	18.60	19.65	25.52	5.04	92	8.18	8-8-0	27
	50	17.20	19.62	25.82	4.60	82	8.15	13-10- 0	44
	75	15.50	19.61	26.20	4.39	76	8.09	19-4-2	98
	100	14.90	19.59	26.31	3.96	68	8.10	23-3-4	93
13.xii	0	20.30	19.62	25.03	5.37	101	8.18	2-9-0	0
	10	20.10	19.60	25.07	5.43	102	8.19	3-10-0	0
	20	19.10	19.60	25.33	5.36	99	8.19	3-10-0	0
	30	17.30	19.58	25.75	4.54	81	8.10	13-11- 0	40
	40	16.20	19.54	25.95	5.30	93	8.15	4-11-1	0
	50	14.90	19.54	26.24	4.08	70	8.06	23-6-0	150
	75	14.40	19.53	26.33	4.20	71	8.07	21-11- 2	133
	100	13.60	19.52	26.49	4.38	73	8.07	16-16- 2	155

Station: PORT HACKING

Latitude: 34°05'30" S.

Longitude: 151°15'30" E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
19.xii	0	22.40	19.63	24.47	5.02	98	8.22	2-7-0	37
	10	22.30	19.65	24.53	4.96	96	8.22	2-4-2	19
	20	20.90	19.62	24.87	5.12	97	8.23	3-7-3	21
	30	18.80	19.69	25.53	5.18	95	8.24	3-7-3	10
	40	18.10	19.66	25.66	4.61	84	8.19	6-7-5	38
	50	16.40	19.60	25.99	3.95	70	8.12	16-9-2	131
	75	14.80	19.53	26.25	3.67	63	8.09	22-7-3	190
	100	14.30	19.53	26.35	3.79	64	8.08	23-9-7	152

Station: ULLADULLA

Latitude: 35°22' S.

Longitude: 150°35' E.

Date	Depth (m)	Temp °C	Cl ‰	σ _t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
6.i	0	18.70	19.68	25.53	5.50	101	8.24	10-0	7
	10	18.50	19.68	25.58	5.65	104	8.22	6-2	0
	20	18.40	19.65	25.57	5.55	101	8.22	8-2	0
	30	17.50	19.66	25.81	5.44	98	8.20	14-13	0
	40	17.00	19.62	25.87	5.23	93	8.17	13-16	3
	50	15.00	19.59	26.29	4.55	78	8.16	24-0	2
9.ii	0	21.90	19.60	24.57	5.17	100	8.24	2-0	0
	10	21.90	19.58	24.55	5.17	100	8.23		28
	20	20.60	19.63	24.97	5.36	101	8.23	6-1	2
	30	19.70	19.61	25.18	5.14	96	8.21	4-0	1
	40	18.40	19.60	25.50	4.35	79	8.20	7-0	7
	50	17.60	19.60	25.70	4.67	84	8.20	10-0	28
10.iii	0	21.60	19.50	24.52	4.91	94	8.21	4-9	6
	10	21.60	19.51	24.53	4.85	93	8.21	6-10	7
	20	21.60	19.50	24.52	5.02	96	8.21	6-8	8
	30	21.60	19.57	24.62	4.96	95	8.21	9-5	5
	40	21.60	19.57	24.62	4.96	95	8.19	12-0	12
	50	21.50	19.56	24.63	4.98	95	8.20	20-0	27
13.iv	0	21.90	19.52	24.47	5.06	97	8.20	7-0	14
	10	21.60	19.54	24.58	5.08	98	8.17	8-0	17
	20	21.20	19.54	24.69	5.01	95	8.15	8-0	18
	30	19.20	19.58	25.28	4.08	75	8.11	17-1	66
	40	16.00	19.54	26.00	3.99	70	8.14	22-0	188
	50	15.70	19.53	26.05	3.92	68	8.15	24-0	148
28.iv	0	19.60	19.61	25.21	5.52	103	8.20	6-6	6
	10	19.70	19.61	25.18	5.18	96	8.19	6-10	5
	20	19.70	19.62	25.19	4.95	92	8.19	6-8	10
	30	19.80	19.61	25.15	5.04	94	8.18	5-8	8
	40	19.60	19.62	25.22	5.56	103	8.18	5-8	10
	50	19.60	19.61	25.21	4.98	93	8.16	7-5	10

Station: ULLADULLA

Latitude: 35°22' S.

Longitude: 150°35' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
30.v	0	17.70	19.59	25.66	5.79	104	8.22	7-4	2
	10	17.60	19.56	25.65	6.00	108	8.22	6-10	2
	20	17.60	19.56	25.65	5.08	91	8.21	8-7	34
	30	17.20	19.59	25.79	5.19	93	8.19	10-14	44
	40	17.00	19.57	25.80	4.77	85	8.20	11-2	36
	50	16.40	19.57	25.94	4.97	88	8.22	16-8	157
5.vii	0	16.10	19.67	26.15	6.00	105	8.17	8-14	18
	10	16.10	19.67	26.15	5.88	103	8.19	9-13	25
	20	16.10	19.66	26.14	5.66	99	8.20	9-7	21
	30	16.10	19.66	26.14	6.06	106	8.20	8-7	15
	40	16.00	19.65	26.15	5.66	99	8.19	9-7	20
	50	15.90	19.64	26.15	5.76	101	8.17	8-8	17
2.viii	0	16.40	19.61	26.00	5.54	98	8.20	11-0	31
	10	16.00	19.61	26.09	5.58	98	8.20	11-2	29
	20	15.80	19.62	26.15	5.49	96	8.18	13-0	40
	30	15.80	19.62	26.15	5.45	95	8.18	14-0	34
	40	15.70	19.60	26.15	5.42	94	8.18	13-0	28
	50	15.60	19.62	26.19	5.49	95	8.18	13-2	46
7.ix	0	15.00	19.63	26.34	6.00	103	8.23	3-16	6
	10	15.00	19.63	26.34	5.94	102	8.21	7-15	6
	20	15.00	19.63	26.34	5.94	102	8.20	4-14	6
	30	14.50	19.61	26.42	5.88	100	8.18	8-15	12
	40	14.20	19.58	26.45	5.78	98	8.16	13-12	22
	50	13.40	19.50	26.51	5.78	96	8.15	20-11	153
4.x	0	16.40	19.62	26.01	6.19	109	8.23	6-0	0
	10	15.50	19.59	26.18	6.19	107	8.24	4-15	0
	20	15.10	19.59	26.27	6.14	106	8.21	10-9	19
	30	14.50	19.56	26.36	5.60	95	8.25	11-13	24
	40	14.40	19.56	26.38	5.60	95	8.26	13-14	36
	50	14.20	19.52	26.37	5.48	93	8.15	17-7	0

Station: ULLADULLA

Latitude: 35°22' S.

Longitude: 150°35' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
31.x	0	16.00	19.60	26.08	5.52	97	8.19	22-3	26
	10	15.40	19.61	26.23	5.20	90	8.17	9-18	37
	20	15.20	19.58	26.24	5.20	90	8.17	9-16	58
	30	14.90	19.57	26.28	5.05	87	8.16	10-15	48
	40	14.80	19.55	26.28	5.12	88	8.14	9-18	59
	50	14.00	19.53	26.42	5.12	86	8.15	11-17	154
2.xii	0	16.60	19.59	25.93	5.77	102	8.19	7-10	0
	10	16.50	19.59	25.95	5.77	102	8.17	9-8	0
	20	16.40	19.59	25.97	5.60	99	8.17	7-14	0
	30	15.60	19.59	26.16	5.77	100	8.17	7-8	0
	40	15.50	19.62	26.21	5.77	100	8.18	6-6	0
	50	15.10	19.60	26.28	5.55	96	8.16	7-11	0

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°05' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
5.i	0	17.80	19.64	25.70	5.59	101	8.18	9-4	22
	10	17.40	19.63	25.79	5.26	94	8.20	9-0	14
	20	17.40	19.60	25.75	6.06	109	8.20	5-0	22
	30	17.10	19.59	25.81	5.72	102	8.20	15-0	11
	40	16.00	19.59	26.07	5.67	99	8.20	9-0	3
	50	15.90	19.57	26.06	5.20	91	8.19	17-7	18
8.ii	0	20.80	19.64	24.93	5.12	97	8.21	4-0	3
	10	20.20	19.63	25.08	5.12	96	8.20	6-0	3
	20	16.80	19.58	25.87	4.79	85	8.17	13-0	28
	30	16.60	19.57	25.90	5.56	98	8.14	14-0	2
	40	15.80	19.57	26.08	4.44	77	8.15	17-0	54
	50	15.70	19.57	26.11	4.39	76	8.14	18-0	68
8.iii	0	21.10	19.58	24.77	5.02	96	8.17	5-6	5
	10	19.70	19.57	25.13	5.09	95	8.17	11-2	20
	20	18.90	19.57	25.33	5.02	92	8.19	9-9	28
	30	16.40	19.57	25.94	4.49	79	8.17	18-6	66
	40	16.30	19.58	25.99	4.40	77	8.20	14-7	61
	50	16.10	19.57	26.01	4.79	84	8.19	19-2	79
5.iv	0	18.50	19.56	25.43	5.33	97	8.19	7-7	81
	10	18.50	19.54	25.40	5.33	97	8.18	9-3	76
	20	18.60	19.57	25.41	5.27	96	8.17	6-7	24
	30	18.40	19.56	25.45	5.23	95	8.16	7-8	34
	40	18.60	19.56	25.40	5.39	99	8.17	7-5	24
	50	17.60	19.55	25.63	4.90	88	8.18	9-7	44
29.iv	0	19.40	19.65	25.32	5.06	94		7-10	3
	25	19.60	19.66	25.28	5.04	94		6-2	6
	50	18.30	19.66	25.61	4.99	91		7-3	6
23.v	0	17.40	19.63	25.79	5.78	104		13-0	11
	10	17.40	19.62	25.77	5.90	106		11-4	12
	20	16.80	19.58	25.87	5.19	94		14-11	43
	30	15.90	19.56	26.05	5.17	90		17-14	27
	40	15.70	19.56	26.10	5.43	94		12-12	11
	50	15.50	19.56	26.14	5.67	99		12-1	23

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°05' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
4.vii	0	15.70	19.67	26.24	6.13	107	8.20	5-11	19
	10	15.70	19.66	26.23	6.06	105	8.19	8-10	46
	20	15.40	19.66	26.30	5.70	99	8.19	9-8	20
	30	15.20	19.65	26.33	5.82	101	8.18	11-6	33
	40	15.20	19.66	26.34	6.00	104	8.19	10-6	32
	50	14.90	19.65	26.40	5.88	101	8.21	14-8	14
2.viii	0	15.20	19.62	26.28	5.63	97	8.20	10-3	20
	10	15.10	19.62	26.30	5.58	96	8.17	13-0	18
	20	14.70	19.62	26.39	5.69	97	8.17	13-3	22
	30	14.00	19.60	26.52	5.72	97	8.18	16-1	34
	40	13.60	19.60	26.61	5.72	96	8.18	14-0	22
	50	13.50	19.60	26.63	5.78	97	8.18	12-1	20
6.ix	0	12.90	19.60	26.75	6.13	101	8.19	8-14	32
	10	12.80	19.59	26.75	6.13	101	8.18	12-12	27
	20	12.80	19.59	26.75	6.06	100	8.14	8-14	29
	30	12.80	19.62	26.79	5.99	99	8.16	10-13	15
	40	12.80	19.60	26.77	6.06	100	8.16	8-16	32
	50	12.80	19.60	26.77	5.93	98	8.16	17-12	41
5.x	0	14.60	19.55	26.32	6.32	108	8.21	7-9	5
	10	13.50	19.52	26.51	6.26	105	8.22	8-8	3
	20	13.30	19.50	26.53	5.88	98	8.21	6-12	6
	30	13.20	19.52	26.58	6.26	104	8.21	9-7	6
	40	13.20	19.51	26.56	6.26	104	8.21	6-11	0
	50	13.20	19.55	26.61	6.51	108	8.20	4-12	0
1.xi	0	14.50	19.52	26.30	5.93	101	8.16	2-21	10
	10	14.20	19.52	26.37	5.99	101	8.16	2-25	0
	20	14.10	19.53	26.40	5.93	100	8.17	3-30	0
	30	14.00	19.53	26.42	5.82	98	8.17	7-15	0
	40	14.00	19.53	26.42	5.82	98	8.15	7-13	3
	50	13.80	19.54	26.48	5.57	94	8.12	8-15	30

Station: EDEN

Latitude: 37°04' S.

Longitude: 150°05' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
2.xii	0	16.00	19.57	26.04	5.77	101	8.16	5-13	0
	10	15.90	19.62	26.12	6.13	107	8.15	12-6	0
	20	15.50	19.60	26.19	5.88	102	8.16	5-10	21
	30	15.20	19.60	26.26	5.77	99	8.16	3-12	13
	40	15.10	19.61	26.29	6.01	103	8.16	4-8	26
	50	15.10	19.60	26.28	5.94	102	8.15	5-12	25

Station: LOW HEAD

Latitude: 40°51' S.

Longitude: 146°42' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 21.i	0	16.80	19.57	25.85				0-18	17.
	30	16.40	19.55	25.91				0-18	15
	60	13.20	19.56	26.63				0-18	
18.iii	0	18.20	19.58	25.53				8-10	0
	30	18.00	19.60	25.60				5-16	0
	60	16.20	19.63	26.07				7-14	0

Station: ST. HELENS

Latitude: 41°18' S.

Longitude: 148°30' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
18.iii	0	17.50	19.41	25.46				0-6	0
	25	16.10	19.43	25.82				0-12	6
	50	15.40	19.46	26.02				11-20	36
7.iv			See "Derwent Hunter" 6/55						
20.iv	0	17.00	19.59	25.83				7-11	2
	25	15.30	19.62	26.26				9	2
	50	15.20	19.58	26.24				12-9	16
10.v	0	14.20	19.54	26.39				8-21	10
	25	14.00	19.53	26.42				4-15	12
	50	13.10	19.55	26.63				7-10	12
20.vi	0	11.00	19.39	26.81				18 *	27
	25	10.20	19.38	26.95				17 *	18
	50	10.50	19.35	26.85				10 *	25
15.vii	0	12.00	19.42	26.67				14-7	21
	25	10.40	19.40	26.75				11-8	21
	50	10.70	19.32	26.77				11-5	21
								* Total P.	

Station: MARIA ISLAND

Latitude: 42°36' S.

Longitude: 148°16' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
5.i	0	15.25	19.29	25.81	5.66	97	8.20	6-7	0
	25	13.90	19.31	26.13	5.44	91	8.24	12-1	26
	50	13.70	19.29	26.14	5.66	89	8.23	12-0	33
	100	13.40	19.35	26.29	5.55	92	8.23	18-0	29
26.ii	0	16.30	19.42	25.76	5.50	96	8.10	5-8	0
	20	16.20	19.43	25.80	5.50	96	8.08	7-13	0
	50	15.90	19.44	25.88	5.55	96	8.10	13-15	0
28.iii	0	17.60	19.48	25.53				10-15	11
	20	17.50	19.50	25.58				10-17	11
	50	16.80	19.49	25.74				12-20	20
	100	13.10	19.38	26.40				19-24	120
18.v	0	13.95	19.47	26.35				11-2	11
	25	14.01	19.49	26.37				10-0	12
	50	14.21	19.52	26.37				9-5	6
21.vi	0	12.20	19.35	26.53				9	22
	20	12.00	19.40	26.64				11-4-0	22
	50	12.00	19.43	26.69				10-5-0	26
	100	11.50	19.42	26.76				10-0-2	
19.vii	0	12.30	19.42	26.61	5.82	95		7-21-1	32
	20	12.30	19.41	26.60	5.78	94		9	43
	50	12.30	19.45	26.66	5.82	95		7-24-	38
								10	
	100	11.90	19.45	26.74				7-10-9	34
27.viii		See "Derwent Hunter" 90/55							
26.ix	0	12.10	19.40	26.62	6.29	102		9-12-3	26
	20	11.80	19.32	26.72	6.20	100		8-12-5	18
	50	11.80	19.37	26.79	6.10	99		9-13-0	31
	90	11.80	19.37	26.79	6.49	105		9-15-1	15

Station: MARIA ISLAND

Latitude: 42°36' S.

Longitude: 148°16' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 1.xi	0	12.20	19.40	26.60	6.03	98		9-5-4	3
	20	12.15	19.40	26.61	6.03	98		9-2-7	19
	50	12.00	19.38	26.62	5.74	93		11-0-1	15
	100	11.90	19.42	26.69	5.23	85		8-9-0	28
18.xi	0	12.20	19.39	26.59	5.10	83		10-0-2	
	20	12.40	19.39	26.55	5.36	88		10-5-3	
	50	12.40	19.44	26.62	5.12	84		10-3-2	
	100	12.20	19.43	26.65	5.12	84		10-8-1	
27.xii	0	15.10	19.49	26.13				16*	
	25	14.70	19.37	26.05				14*	
	50	14.65	19.36	26.05				17*	
								*Total P	

Station: CAPE PILLAR

Latitude: 43°13' S.

Longitude: 148°07' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955 18.i	0	15.10	19.29	25.86				10-3	11
	25	14.40	19.27	25.97				10-0	11
	50	14.20	19.34	26.11				12-17	17
1.iv	0	16.40	19.50	25.84				11-19	20
	20	15.75	19.47	25.95				13-19	23
	50	15.20	19.41	25.99				15-20	41
23.vii	0	12.10	19.38	26.60	5.82	95		4-4	29
	20	12.10	19.40	26.62	5.94	97		4-7	20
	50	12.10	19.39	26.61	6.13	100		4-8	17

Station: CAPE SORELL

Latitude: 42°10' S.

Longitude: 145°10' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 1.v	0	13.80	18.80	25.44				6-8	15
	20	14.00	19.44	26.29				10-7	40
	30	13.80	19.44	26.35				11-1	20
2.vi	0	11.60	17.05	23.64				0-17	19
	20	13.60	19.40	26.32				1-12	14
	35	13.80	19.46	26.36				2-15	18
14.vii	0	11.80	17.88	24.55				4-15	7
	20	12.60	19.30	26.39				4-10	2
	35	12.80	19.54	26.68				9-2	2

Station: SOUTH WEST CAPE

Latitude: 43°35' S.

Longitude: 145°53' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 13.iv	0	15.20	19.11	25.58				19-33	19
	20	14.20	19.25	25.99				30-0	12
	50	14.00	19.31	26.11				22-15	11
3.vi	0	12.30	19.10	26.17				13 *	18
	20	13.20	19.30	26.27				13 *	5
	50	13.25	19.32	26.29				12 *	6
								*Total P.	

Station: ROTTNEST ISLAND

Latitude: 32°00' S.

Longitude: 115°25' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 11.i	0	22.20	19.74	24.69	4.93	96	8.27	2-8	0
	10	20.90	19.72	25.01	4.76	91	8.28	6-5	0
	20	20.70	19.68	25.01	4.86	92	8.26	7-1	0
	30	20.70	19.68	25.01	4.79	91	8.26	5-3	0
	40	20.70	19.61	24.92	4.84	92	8.26	6-5	0
	50	20.70	19.64	24.95	4.72	90	8.27	8-2	0
2.ii	0	22.60	19.71	24.53	5.25	103	8.22	3-3	0
	10	22.10	19.71	24.67	5.25	102	8.23	4-4	0
	20	22.20	19.71	24.64	5.14	100	8.23	3-6	0
	30	22.60	19.89	24.77	5.20	102	8.22	4-3	0
	40	22.60	19.89	24.77	5.20	102	8.22	4-0	0
	50	22.60	19.89	24.77	5.25	103	8.22	4-1	0
24.ii	0	24.10	19.65	24.01	5.30	106	8.23	1-12	0
	10	23.60	19.84	24.41	4.59	92	8.23	1-12	0
	20	23.00	19.84	24.73	4.65	92	8.23	3-7	0
	30	22.05	19.88	24.91	5.30	103	8.20	4-8	0
	40	22.00	19.90	24.95	5.23	102	8.20	6-5	0
	50	22.00	19.86	24.90	5.23	102	8.20	4-9	0
16.iii	0	22.90	19.79	24.55	5.03	99	8.27	7-0	0
	10	22.00	19.79	24.80	5.10	99	8.28	6-10	0
	20	22.00	19.77	24.78	5.18	100	8.26	7-4	0
	30	21.55	19.77	24.90	4.86	94	8.24	8-5	0
	40	21.40	19.77	24.94	4.90	94	8.26	6-6	0
	50	21.40	19.79	24.97	4.97	95	8.26	9-3	0
29.iii	0	23.10	19.72	24.39	5.02	99	8.20	7-0	0
	10	23.00	19.72	24.42	4.93	98	8.20	7-0	0
	20	23.00	19.66	24.34	4.93	97	8.20	11-0	0
	30	22.70	19.74	24.54	4.93	97	8.19	9-0	0
	40	22.70	19.71	24.50	4.84	95	8.19	6-0	0
	50	22.60	19.72	24.54	4.84	95	8.19	9-0	0

Station: ROTTNESST ISLAND

Latitude: 32°00' S.

Longitude: 115°25' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 3.v	0	21.60	19.65	24.73	5.04	97	8.22	0-15	0
	10	21.60	19.65	24.73	5.09	98	8.22	4-5	0
	20	21.60	19.66	24.74	5.30	102	8.22	3-9	0
	30	20.95	19.68	24.94	5.16	98	8.22	3-12	0
	40	20.70	19.70	25.04	5.09	97	8.20	3-4	0
	50	20.40	19.70	25.12	5.24	99	8.20	3-4	0
24.v	0	21.35	19.54	24.65	5.13	99	8.19	1-16	0
	10	21.20	19.56	24.72	4.92	94	8.19	2-12	0
	20	20.80	19.59	24.86	5.13	97	8.15	2-12	0
	30	20.20	19.62	25.06	5.20	97	8.19	2-12	0
	40	20.20	19.63	25.08	4.80	90	8.19	1-13	0
	50	20.20	19.63	25.08	5.13	96	8.17	2-12	0
14.vi	0	19.90	19.51	24.99	5.11	96	8.25	8-4	0
	10	19.90	19.56	25.04	5.22	98	8.25	11-7	0
	20	19.75	19.58	25.13	5.22	97	8.25	11-1	0
	30	19.50	19.58	25.20	5.42	101	8.25	8-3	0
	40	19.20	19.61	25.31	5.29	98	8.26	8-3	0
	50	19.20	19.56	25.25	5.18	96	8.26		0
30.vi	0	19.20	19.54	25.22	5.36	99	8.24	1-3	0
	10	19.20	19.55	25.23	5.36	99	8.25	3-2	0
	20	19.00	19.54	25.27	5.36	99	8.25	3-3	0
	30	18.80	19.57	25.36	5.36	98	8.25	2-6	0
	40	18.50	19.55	25.41	5.36	98	8.24	4-7	0
	50	18.40	19.58	25.48	5.11	93	8.25	4-6	0
14.vii	0	19.95	19.47	24.93	5.24	98	8.22	0-9	0
	10	19.90	19.53	25.02	5.32	99	8.23	0-9	0
	20	19.90	19.56	25.07	5.37	100	8.23	0-6	0
	30	19.90	19.55	25.05	5.44	102	8.23	0-4	0
	40	19.90	19.50	24.98	5.44	102	8.23	1-5	0
	50	18.70	19.49	25.28	5.46	100	8.24	0-8	0

Station: ROTTNEST ISLAND

Latitude: 32°00' S.

Longitude: 115°25' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 28.vii	0	19.20	19.49	25.15	5.36	99	8.27	4-4	0
	10	19.15	19.51	25.20	5.32	98	8.27	8-1	0
	20	19.05	19.53	25.24	5.40	100	8.27	6-3	0
	30	19.00	19.54	25.27	5.26	97	8.27	6-5	0
	40	18.40	19.55	25.43	5.20	95	8.28	3-5	0
	50	17.00	19.55	25.77	5.50	98	8.26	5-3	0
9.viii	0	19.80	19.55	25.07	5.23	98	8.25	1-4	0
	10	19.80	19.56	25.09	5.04	94	8.25	1-7	0
	20	19.75	19.56	25.11	5.23	98	8.26	1-8	0
	30	19.70	19.56	25.12	5.23	98	8.26	1-5	0
	40	19.70	19.57	25.13	5.19	97	8.26	1-6	0
	50	18.60	19.54	25.37	4.86	89	8.24	4-3 ²	0
8.ix	0	18.30	19.49	25.38	5.46	99	8.28	0-2	0
	10	18.30	19.51	25.40	5.55	101	8.28	0-4	0
	20	18.20	19.54	25.47	5.55	101	8.28	0-16	0
	30	18.20	19.49	25.41	5.50	100	8.28	0-6	0
	40	17.80	19.49	25.50	5.46	99	8.28	0-3	0
	50	17.80	19.51	25.52	5.55	100	8.28	0-2	0
22.ix	0	17.70	19.52	25.57	5.48	99	8.36	4-0	0
	10	17.70	19.52	25.57	5.56	100	8.36	5-1	0
	20	17.70	19.52	25.57	5.56	100	8.36	5-0	0
	30	17.70	19.52	25.57	5.52	99	8.35	4-4	0
	40	17.70	19.52	25.57	5.68	103	8.36	5-0	0
	50	17.70	19.52	25.57	5.44	98	8.35	7-10	0
6.x	0	20.00	19.62	25.11	5.48	103	8.23	5-3	0
	10	19.00	19.61	25.36	5.56	103	8.25	4-6	0
	20	18.80	19.61	25.41	5.56	102	8.25	4-8	0
	30	18.55	19.61	25.48	5.48	100	8.24	6-5	0
	40	18.25	19.62	25.56	5.44	99	8.24	5-5	0
	50	18.30	19.62	25.55	5.38	98	8.23	8-2	0

Station: ROTTNESST ISLAND

Latitude: 32°00' S.

Longitude: 115°25' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 2.xi	0	19.70	19.60	25.17	5.52	103	8.21	9-0	0
	10	18.80	19.59	25.39	5.52	101	8.22	5-2	0
	20	18.80	19.60	25.40	5.80	107	8.22	9-0	0
	30	18.60	19.58	25.43	5.68	104	8.22	9-0	0
	40	18.35	19.59	25.50	5.52	101	8.22	9-0	0
	50	18.20	19.60	25.56	5.60	102	8.22	11-0	0
15.xi	0	19.05	19.57	25.30	5.43	100	8.18	2-3	0
	10	18.55	19.59	25.45	5.43	99	8.18	2-1	0
	20	18.55	19.60	25.47	5.48	100	8.18	1-1	0
	30	18.45	19.63	25.53	5.52	101	8.20	0-4	0
	40	18.45	19.75	25.69	5.37	98	8.19	1-5	0
	50	18.40	19.73	25.68	5.37	98	8.22	0-6	0
29.xi	0	19.90	19.66	25.20	5.43	102	8.25	7-0	0
	10	19.90	19.66	25.20	5.43	102	8.25	2-4	0
	20	19.80	19.68	25.25	5.48	102	8.27	2-2	0
	30	19.80	19.69	25.27	5.48	102	8.27	2-4	0
	40	19.80	19.69	25.27	5.48	102	8.27	2-0	0
	50	19.80	19.71	25.30	5.46	102	8.27	3-2	0
21.xii	0	20.30	19.66	25.09	5.49	103	8.25	4-7	0
	10	19.75	19.67	25.25	5.53	103	8.23	6-1	0
	20	19.60	19.68	25.30	5.83	109	8.23	3-3	0
	30	19.60	19.68	25.30	5.91	110	8.23	2-2	0
	40	19.40	19.69	25.37	5.49	102	8.22	4-0	15
	50	19.25	19.70	25.42	5.49	102	8.22	4-3	0

Station: ALBANY

Latitude: 35°05' S.

Longitude: 118°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
12.i	0	19.90	19.68	25.23	4.88	91	8.24	3-5	0
	10	19.90	19.72	25.28	5.09	95	8.24	2-6	0
	20	19.90	19.74	25.31	5.09	96	8.26	4-4	0
	30	19.90	19.76	25.34	5.09	96	8.25	2-8	0
	40	19.90	19.76	25.34	5.03	94	8.25	4-4	0
	50	19.90	19.74	25.31	4.88	91	8.25	2-6	0
8.ii	0	20.30	19.75	25.21	5.11	96	8.23	5-9	0
	10	20.20	19.75	25.24	5.20	98	8.23	4-8	0
	20	20.20	19.75	25.24	5.35	101	8.25	6-35	0
	30	20.20	19.75	25.24	5.33	100	8.25	4-27	0
	40	20.20	19.75	25.24	4.97	94	8.25	5-5	0
	50	20.20	19.75	25.24	5.26	99	8.25	4-6	0
9.iii	0	19.90	19.82	25.42	5.18	97	8.23	7-0	0
	10	19.80	19.81	25.43	5.35	100	8.23	6-4	0
	20	19.80	19.80	25.42	5.35	100	8.23	6-2	0
	30	19.80	19.82	25.45	5.39	101	8.23	5-6	0
	40	19.80	19.83	25.46	5.26	99	8.23	9-1	0
	50	19.80	19.86	25.50	5.03	94	8.23	8-1	0
5.iv	0	20.50	19.73	25.13	5.05	95	8.18	3-10	0
	10	20.40	19.74	25.18	5.27	100	8.20	6-4	0
	20	20.30	19.76	25.23	5.32	100	8.20	6-6	0
	30	20.20	19.82	25.34	5.32	100	8.20	10-0	0
	40	20.20	19.79	25.30	5.27	99	8.20	5-8	0
	50	20.10	19.74	25.26	5.20	98	8.20	6-10	0
25.v	0	20.00	19.56	25.04	5.04	94	8.24	2-10	0
	10	20.00	19.68	25.20	5.23	98	8.25	4-9	0
	20	20.00	19.68	25.20	5.34	100	8.25	5-6	0
	30	19.95	19.70	25.24	5.20	98	8.25	3-8	0
	40	19.80	19.71	25.30	5.04	94	8.24	7-2	0
	50	19.75	19.73	25.33	5.27	98	8.24	6-5	0

Station: ALBANY

Latitude: 35°05' S.

Longitude: 118°03' E.

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955 13.vii	0	18.70	19.55	25.35	5.24	96	8.23	0-7	0
	10	18.60	19.56	25.40	5.46	100	8.23	0-7	0
	20	18.80	19.59	25.39	5.54	102	8.23	2-6	0
	30	18.70	19.56	25.37	5.48	101	8.23	0-10	0
	40	18.70	19.54	25.35	5.52	101	8.23	0-10	0
	50	18.60	19.54	25.37	5.37	99	8.23	2-5	0
2.viii	0	18.10	19.58	25.55	5.23	95	8.29	2-4	0
	10	18.10	19.58	25.55	5.46	99	8.29	3-3	0
	20	18.10	19.59	25.56	5.46	99	8.25	2-3	0
	30	18.10	19.59	25.56	5.49	100	8.25	3-2	0
	40	18.10	19.59	25.56			8.25	2-0	0
	50	18.10	19.59	25.56	5.46	99	8.28	2-1	0
14.ix	0	16.90	19.59	25.85	5.50	98	8.26	0-11	0
	10	16.95	19.59	25.84	5.60	99	8.26	0-8	0
	20	17.00	19.59	25.83	5.60	99	8.26	0-8	0
	30	17.00	19.59	25.83	5.60	99	8.28	0-11	0
	40	17.00	19.59	25.83	5.50	98	8.28	2-4	0
	50	17.00	19.59	25.83	5.60	99	8.28	0-6	0
5.x	0	17.40	19.67	25.85	5.56	100	8.21	4-6	0
	10	17.30	19.67	25.87	5.68	102	8.22	5-1	0
	20	17.30	19.68	25.87	5.81	104	8.24	4-4	0
	30	17.30	19.68	25.87	5.61	101	8.24	3-5	0
	40	17.30	19.68	25.87	5.68	102	8.24	6-3	0
	50	17.00	19.68	25.95	5.68	101	8.23	6-4	0
6.xii	0	18.50	19.72	25.64	5.40	99	8.24	1-2	0
	10	18.50	19.72	25.64	4.35	80	8.26	0-2	0
	20	18.40	19.73	25.68	5.50	101	8.26	5-0	5
	30	18.35	19.70	25.65	5.52	101	8.26	0-0	0
	40	18.25	19.72	25.71	5.55	101	8.26	0-2	15
	50	18.25	19.71	25.70	5.46	100	8.26	0-3	5

Station: FREMANTLE TO ROTTNESST ISLAND

Latitude:

Longitude:

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
11.i									
Stn.2	0	22.50	19.88	24.76	4.84	95	8.30	6-0	0
	10	22.70	19.95	24.83	4.93	97	8.31	3-4	0
Stn.5	0	22.10	19.87	24.89	5.32	103	8.33	4-1	0
	20	21.95	19.87	24.93	5.32	103	8.31	2-2	0
2.ii									
Stn.2	0	23.40	19.96	24.64	5.20	103	8.24	3-6	0
	10	22.60	19.98	24.90			8.24	2-5	0
Stn.5	0	23.00	19.81	24.55	5.25	103	8.24	2-6	0
	20	22.40	19.84	24.76	5.32	104	8.23	2-4	0
24.ii									
Stn.2	0	24.60	19.48	23.63	4.83	81	8.22	4-9	0
	10	23.00	19.85	24.60	4.77	94	8.24	2-6	0
Stn.5	0	24.00	19.69	24.09	5.30	106	8.22	1-8	0
	20	23.20	19.83	24.52	5.11	101	8.23	1-13	0
16.iii									
Stn.2	0	22.40	19.79	24.69	5.10	100	8.25	10-0	0
	10	22.40	19.80	24.71	5.10	100	8.25	6-3	0
Stn.5	0	22.60	19.86	24.73	5.00	98	8.25	6-1	0
	20	22.40	19.87	24.80	4.97	97	8.25	7-3	0
29.iii									
Stn.2	0	22.80	19.83	24.63	4.72	93	8.16	8-0	0
	10	22.50	19.82	24.71	4.84	95	8.15	8-0	0
Stn.5	0	22.60	19.89	24.77	4.92	97	8.17	11-0	0
	20	22.30	19.90	24.87	4.88	95	8.18	8-0	0
3.v									
Stn.2	0	19.70	19.70	25.31	5.16	96	8.20	3-8	0
	10	19.60	19.71	25.35	5.30	99	8.21	3-9	0
Stn.5	0	20.00	19.72	25.25	5.30	99	8.21	4-8	0
	20	20.00	19.74	25.28	5.43	102	8.21	4-7	0

Station: FREMANTLE TO ROTTNESST ISLAND

Latitude.

Longitude:

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ %	pH	PO ₄ -P	NO ₃ -N
1955									
24.v									
Stn.2	0	18.80	19.62	25.42	5.27	97	8.08	2-7	0
	10	18.80	19.67	25.50	5.36	99	8.21	0-9	0
Stn.5	0	19.70	19.54	25.09	5.32	99	8.11	0-12	0
	20	19.70	19.63	25.21	5.27	98	8.15	0-12	0
14.vi									
Stn.2	0	16.80	19.52	25.78	5.54	98	8.24	3-6	0
	10	16.40	19.59	25.97	5.66	100	8.25	3-6	0
Stn.5	0	18.00	19.52	25.49	5.60	101	8.26		0
	20	17.10	19.52	25.71	5.54	99	8.24	5-4	0
14.vii									
Stn.2	0	16.50	19.46	25.77	5.71	101	8.23	0-9	0
	10	16.55	19.47	25.78	5.65	100	8.22	0-10	0
Stn.5	0	17.75	19.48	25.50	5.52	99	8.22	0-9	0
	20	17.30	19.49	25.63	5.48	98	8.23	0-7	0
28.vii									
Stn.2	0	16.70	19.47	25.74	5.66	100	8.29	1-8	0
	10	15.30	19.43	26.00	5.55	96	8.26	3-11	0
Stn.5	0	16.40	19.50	25.85	5.66	100	8.29	3-7	0
	20	15.80	19.52	26.11	5.60	98	8.27	3-5	0
9.viii									
Stn.2	0	15.40	18.84	25.16	5.88	101	8.28	0-8	0
	10	16.70	19.46	25.72	5.36	95	8.24	0-6	0
Stn.5	0	16.90	18.84	24.82	5.83	103	8.26	0-8	0
	20	19.00	19.56	25.30	5.30	97	8.24	0-6	0
8.ix									
Stn.2	0	17.00	19.46	25.65	5.58	99	8.27	0-9	0
	10	16.60	19.43	25.71	5.64	99	8.25	0-3	0
Stn.5	0	17.30	19.50	25.64	5.67	101	8.25	0-4	0
	20	17.30	19.50	25.64	5.67	101	8.27	0-3	0

Station: FREMANTLE TO ROTTNESST ISLAND

Latitude:

Longitude:

Date	Depth (m)	Temp °C	Cl ‰	σ_t	O ₂	O ₂ ‰	pH	PO ₄ -P	NO ₃ -N
1955									
22.ix									
Stn.2	0	17.00	19.01	25.03	5.61	99	8.34	3-1	0
	10	16.60	19.06	25.19	5.74	101	8.32	4-2	0
Stn.5	0	17.40	19.20	25.19	5.81	104	8.34	3-0	0
	20	16.90	19.22	25.34	5.81	103	8.35	3-4	0
6.x									
Stn.2	0	17.65	18.89	24.71	5.86	103	8.21	4-2	0
	10	17.60	19.28	25.26	5.99	107	8.20	4-3	0
Stn.5	0	18.35	18.92	24.59	5.86	106	8.21	2-6	0
	20	18.35	19.46	25.32	5.68	104	8.22	4-7	0
2.xi									
Stn.2	0	18.60	19.54	25.37	5.56	102	8.21	4-7	0
	10	18.50	19.54	25.40	5.68	104	8.21	2-5	0
Stn.5	0	18.90	19.58	25.38	5.74	106	8.21	4-5	0
	20	18.75	19.57	25.37	5.56	102	8.22	3-3	0
15.xi									
Stn.2	0	18.80	19.35	25.05			8.16	3-0	0
	10	18.45	19.41	25.23	5.48	100	8.17	0-3	0
Stn.5	0	18.65	19.30	25.03	5.70	104	8.17	2-3	0
	20	18.40	19.54	25.42	5.75	105	8.18	3-2	0
29.xi									
Stn.2	0	19.45	19.43	25.00	5.55	103	8.24	2-5	0
	10	18.95	19.52	25.25	5.78	107	8.24	2-4	0
Stn.5	0	19.40	19.56	25.20	5.34	99	8.24	3-2	0
	20	19.25	19.61	25.30	5.50	102	8.23	4-4	0
21.xii									
Stn.2	0	19.90	19.83	25.43	5.44	102	8.25	3-7	5
	10	19.50	19.87	25.59	5.70	106	8.25	1-3	10
Stn.5	0	19.80	19.79	25.40	5.62	104	8.23	0-8	0
	20	19.40	19.83	25.56	5.49	102	8.26	4-24	0

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 7.iv	6/55	41°18' S. 148°30' E.	0	16.65	19.41	35.07
			26	16.53	19.56	35.34
			52	16.34	19.55	35.32
			78	16.02	19.53	35.28
			104	14.41	19.49	35.21
7.iv	7/55	40°29' S. 148°30' E.	0	17.42	19.64	35.48
			21	16.81	19.57	35.35
			42	16.61	19.57	35.35
			63	15.60	19.37	34.99
7.iv	8/55	40°25' S. 149°10' E.	0	18.42	19.66	35.52
			26	18.37	19.69	35.57
			53	18.25	19.67	35.53
			79	17.24	19.61	35.43
			105	14.50	19.53	35.28
			157	13.06	19.48	35.19
			210	12.15	19.43	35.10
			310	10.94	19.35	34.96
8.iv	9/55	39°48' S. 148°38' E.	0	18.31	19.66	35.52
			26	18.10	19.64	35.48
			52	17.00	19.59	35.39
			84	16.05	19.54	35.30
			117	15.06	19.52	35.26
8.iv	10/55	39°30' S. 149°00' E.	0	18.61	19.67	35.53
			30	18.70	19.67	35.53
			60	18.60	19.67	35.53
			90	17.18	19.61	35.43
			120	14.96	19.53	35.28
			180	12.73	19.46	35.16
			239	12.23	19.41	35.07
			332	10.74	19.31	34.88
			519	8.27	19.13	34.56

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.65	4.46	79		17	
25.90	5.23	92		11	
25.81	5.11	90		18	
25.97	5.06	88		14	
26.06	4.78	81		27	
25.79	5.49	99		13	
25.85	5.33	95		14	
25.90	4.90	87		16	
25.85	4.84	84		19	
25.58	5.11	93		9	
25.64	5.18	95		14	
25.64	5.11	93		11	
25.80	4.90	88		10	
26.31	4.78	81		16	
26.54	4.90	81		14	
26.66	5.02	83		19	
26.77	5.23	83		21	
26.90	4.96	75		27	
25.61	5.39	98		10	
25.63	5.33	97		9	
25.83	5.30	94		12	
25.99	4.90	86		13	
26.18	4.90	84		23	
25.54	5.30	97		18	
25.52	5.30	97		11	
25.55	5.06	93		7	
25.81	5.30	94		9	
26.21	4.84	83		13	
26.58	4.72	78		29	
26.61	4.66	76		31	
26.75	4.61	73		42	
26.91	4.72	71		32	

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 8.iv	11/55	40°35' S. 147°35' E.	0	17.90	19.53	35.28
			32	17.80	19.64	35.48
			50	17.81	19.64	35.48
9.iv	13/55	40°15' S. 146°40' E.	0	17.58	19.63	35.46
			21	17.38	19.63	35.46
			42	17.39	19.64	35.48
			64	14.12	19.64	35.48
			85	14.01	19.65	35.50
9.iv	14/55	39°45' S. 146°05' E.	0	17.50	19.65	35.50
			32	16.90	19.64	35.48
			63	16.18	19.64	35.48
			75	13.76	19.58	35.37
			83	13.55	19.56	35.34
9.iv	15/55	39°55' S. 145°30' E.	0	17.20	19.65	35.50
			20	17.00	19.68	35.55
			41	17.00	19.68	35.55
			76	13.55	19.62	35.44
			83	13.55	19.57	35.35
11.iv	21/55	40°20' S. 144°26' E.	0	16.20	19.62	35.44
			21	16.30	19.59	35.39
			42	16.10	19.61	35.43
			53	16.09	19.62	35.44
12.iv	22/55	41°25' S. 143°40' E.	0	15.19	19.28	34.83
			27	15.10	19.26	34.79
			55	14.98	19.26	34.79
			83	12.57	19.24	34.76
			110	11.86	19.34	34.94
			165	11.35	19.35	34.96
			219	10.74	19.28	34.83
			314	9.44	19.17	34.63
504	8.61	19.11	34.52			

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.52	5.33	96		8	
25.70	5.23	94		14	
25.70	5.18	94		13	
25.75	5.30	95		17	
25.79	5.36	96		10	
25.80	5.23	94		14	
26.55	5.23	88		19	
26.59	4.78	81		47	
25.80	5.49	99		12	
25.92	5.31	94		9	
26.09	5.11	90		17	
26.55	4.14	70		24	
26.60	4.01	67		15	
25.87	5.42	97		13	
25.95	5.42	96		10	
25.95	5.49	98		8	
26.64	4.01	67		21	
26.61	4.14	69		17	
26.05	5.49	96		10	
26.04	5.39	95		8	
26.07	5.49	96		11	
26.08	5.41	95		13	
25.82	5.60	96		10	
25.81	5.71	98		11	
25.84	5.66	97		11	
26.31	5.76	94		19	
26.59	5.71	92			
26.69	5.60	90		19	
26.71	5.55	88		19	
26.78	5.71	88		26	
26.83	5.55	84		34	

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955						
12.iv	23/55	40°50' S. 143°10' E.	0 18 35 52 69 103 137 155 191	16.58 16.57 16.47 16.48 16.39 12.82 12.12 11.53 10.48	19.62 19.64 19.67 19.67 19.65 19.47 19.42 19.38 19.27	35.44 35.48 35.53 35.53 35.50 35.17 35.08 35.01 34.81
12.iv	24/55	39°45' S. 142°20' E.	0 30 60 90 120 180 239 318 476	16.70 16.50 16.30 13.86 12.95 11.93 11.75 11.35 9.11	19.44 19.45 19.50 19.47 19.47 19.44 19.41 19.37 19.16	35.12 35.14 35.23 35.17 35.17 35.12 35.07 34.99 34.61
13.iv	25/55	38°30' S. 142°16' E.	0 31 43	16.98 15.77 15.45	19.42 19.63 19.63	35.08 35.46 35.46
14.iv	28/55	39°20' S. 143°20' E.	0 27 53 79 105	17.30 17.00 16.49 16.19 12.54	19.65 19.64 19.62 19.64 19.45	35.50 35.48 35.44 35.48 35.14
14.iv	29/55	38°50' S. 144°30' E.	0 29 57 85	17.83 17.73 17.52 14.67	19.68 19.69 19.71 19.66	35.55 35.57 35.61 35.52

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.97	5.66	100		11	
26.00	5.30	94		9	
26.07	5.43	96		9	
26.06	5.36	95		10	
26.06	5.30	93		9	
26.58	5.36	88		13	
26.64	5.49	89		24	
26.71	5.55	89		16	
26.75	5.66	89		31	
25.69	5.33	94		11	
25.76	5.60	99		8	
25.87	5.55	97		9	
26.35	5.71	96		12	
26.56	5.62	93		7	
26.71	5.49	89		17	
26.71	5.55	90		14	
26.72	5.62	90		15	
26.82	5.66	86		23	
25.60	5.52	98		12	
26.17	5.35	93		13	
26.24	5.01	87		5	
25.84	5.36	96		7	
25.90				3	
25.99	5.49	97		4	
26.09	5.36	94		6	
26.61	5.30	87		16	
25.75	5.49	99		13	
25.79	5.55	100		8	
25.88	5.09	92		6	
26.46	4.27	73		16	

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 20.iv	33/55	39°10' S. 145°30' E.	0	16.90	19.66	35.52
			21	16.91	19.70	35.59
			48	16.80	19.68	35.55
			73	14.68	19.67	35.53
21.iv	36/55	39°25' S. 146°40' E.	0	17.18	19.66	35.52
			23	17.07	19.67	35.53
			48	17.08	19.66	35.52
			79	16.69	19.66	35.52
21.iv	38/55	38°45' S. 147°45' E.	0	17.41	19.61	35.43
			21	17.20	19.60	35.43
			40	17.20	19.61	35.43
			64	17.31	19.59	35.39
22.iv	39/55	38°25' S. 148°40' E.	0	18.29	19.63	35.46
			25	18.31	19.65	35.50
			50	18.10	19.64	35.48
			75	16.08	19.55	35.32
			99	13.94	19.47	35.17
			148	12.73	19.45	35.14
			198	12.03	19.39	35.03
			302	10.74	19.29	34.85
22.iv	40/55	38°47' S. 149°10' E.	0	18.21	19.65	35.50
			26	18.14	19.65	35.50
			52	17.71	19.61	35.43
			78	16.51	19.55	35.32
			105	14.28	19.49	35.21
			157	13.05	19.45	35.14
			209	12.05	19.41	35.07
			308	10.54	19.29	34.85
508	8.27	19.11	34.52			

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.95	5.42	96		15	
26.00	5.49	98		16	
26.00	5.42	96		6	
26.47	4.48	77		14	
25.88	5.33	95		2	
25.92	5.33	95		6	
25.91	5.42	96		6	
26.00	4.78	85		15	
25.76	5.49	98		15	
25.80	5.23	93		13	
25.81	5.31	95		23	
25.76	5.31	95		27	
25.57	5.39	98		7	
25.60	5.36	98		10	
25.63	5.23	95		8	
25.99	4.96	87		15	
26.35	4.61	78		26	
26.58	4.66	77		21	
26.62	4.72	77		27	
26.72	4.66	74		27	
26.81	4.78	73		35	
25.62	5.36	98		12	
25.64	5.43	99		13	
25.68	5.30	95		10	
25.89	4.86	86		12	
26.31	4.54	77		24	
26.51	4.54	75		29	
26.65	4.78	78			
26.75	4.61	73		31	
26.88	4.72	71		18	

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 22.iv	41/55	39°30' S. 150°00' E.	0	18.71	19.66	35.52
			25	18.71	19.67	35.53
			50	18.60	19.67	35.53
			75	18.50	19.67	35.53
			112	15.57	19.54	35.30
			148	12.63	19.42	35.08
			198	11.42	19.34	34.94
			301	9.51	19.21	34.70
			508	7.57	19.09	34.49
23.iv	42/55	39°30' S. 151°00' E.	0	19.61	19.66	35.52
			26	19.71	19.65	35.50
			52	18.69	19.63	35.46
			78	16.06	19.56	35.34
			104	15.06	19.53	35.28
			156	13.64	19.48	35.19
			208	12.84	19.44	35.12
			314	11.23	19.34	34.94
			526	8.68	19.15	34.60
23.iv	43/55	38°35' S. 150°10' E.	0	20.02	19.70	35.59
			18	20.11	19.69	35.57
			36	20.00	19.69	35.57
			55	20.00	19.69	35.57
			73	20.00	19.72	35.62
			109	19.49	19.68	35.55
			145	17.58	19.62	35.44
			237	14.53	19.52	35.26
			422	10.67	19.31	34.88
23.iv	44/55	38°10' S. 150°00' E.	0	20.01	19.70	35.59
			26	20.00	19.72	35.62
			53	20.00	19.73	35.64
			79	20.00	19.71	35.61
			105	20.21	19.70	35.59
			158	19.09	19.64	35.48
			210	16.26	19.59	35.39
			316	13.42	19.47	35.17
			528	10.36	19.26	34.79

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.50	5.06	93		10	
25.46	5.50	101		10	
25.49	5.18	95		9	
25.52	5.11	93		5	
26.09	4.37	76		18	
26.54	4.61	76		23	
26.67	4.66	75		26	
26.82	4.61	73		35	
26.95	4.54	67		44	
25.27	5.18	96		12	
25.24	5.18	96		12	
25.47	5.11	94		11	
26.01	4.61	81		15	
26.19	4.27	73		21	
26.43	4.37	73		21	
26.53	4.78	79		23	
26.71	4.72	76		31	
26.87	4.72	71		37	
25.22	5.11	96		9	
25.19	5.06	95		12	
25.22	5.02	94		8	
25.22	4.96	93		8	
25.26	5.11	96		7	
25.33	4.49	83		17	
25.73	4.14	74		15	
26.29	4.61	78		20	
26.76	4.84	77		62	
25.22				13	
25.26	5.18	97		7	
25.27	5.09	95		11	
25.25	4.96	93		8	
25.17	5.49	103		10	
25.38	4.63	85		18	
26.01	5.06	89		22	
26.46	4.61	77		22	
26.75	4.84	76		28	

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 24.iv	45/55	38°10' S. 151°00' E.	0	19.82	19.69	35.57
			18	20.01	19.71	35.61
			37	19.90	19.71	35.61
			56	19.90	19.72	35.62
			74	19.91	19.69	35.57
			111	19.80	19.71	35.61
			148	19.10	19.66	35.52
			236	16.15	19.58	35.37
			413	13.00	19.46	35.16
24.iv	46/55	37°40' S. 150°30' E.	0	20.51	19.66	35.52
			26	20.51	19.66	35.52
			52	20.30	19.67	35.53
			78	19.45	19.67	35.53
			104	17.36	19.61	35.43
			156	14.72	19.52	35.26
			207	13.63	19.49	35.21
			296	11.61	19.35	34.96
			473	9.16	19.03	34.38

F.R.V. "Derwent Hunter"
Cruise 16, Part 1

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.26	4.90	91		11	
25.24	4.81	90		11	
25.27	4.90	92		11	
25.28	5.02	94		12	
25.24	4.96	93		9	
25.30	4.84	90		10	
25.41	4.20	78		14	
26.02	4.07	71		18	
26.53	4.72	78		27	
25.04	5.09	96		7	
25.04	5.06	95		9	
25.11	4.96	93		13	
25.33	4.78	89		12	
25.77	4.27	76		14	
26.26	4.37	74		19	
26.45	4.61	77		17	
26.65	4.37	70		25	
26.63	4.72	72		30	

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 2.v	47/55	37°05' S. 150°13' E.	0	19.60	19.65	35.50
			25	19.40	19.66	35.52
			50	19.40	19.66	35.52
			75	15.75	19.56	35.34
			100	13.31	19.47	35.17
2.v	48/55	37°05' S. 150°54' E.	0	20.80	19.66	35.52
			25	20.40	19.68	35.55
			50	19.90	19.69	35.57
			75	19.80	19.71	35.61
			100	19.75	19.70	35.59
			150	18.60	19.66	35.52
			200	16.33	19.59	35.39
			300	12.90	19.43	35.10
			500	8.85	19.18	34.65
3.v	49/55	37°08' S. 151°52' E.	0	20.30	19.69	35.57
			25	20.30	19.69	35.57
			50	20.20	19.70	35.59
			75	20.10	19.70	35.59
			100	19.85	19.69	35.57
			150	19.05	19.69	35.57
			200	18.02	19.67	35.53
			300	15.38	19.53	35.28
			500	10.40	19.29	34.85
3.v	50/55	37°09' S. 152°41' E.	0	20.90	19.69	35.57
			25	20.90	19.67	35.53
			50	20.80	19.66	35.52
			75	20.90	19.67	35.53
			100	20.80	19.67	35.53
			150	19.99	19.67	35.53
			200	19.58	19.67	35.53
			300	17.97	19.64	35.48
			500	11.45	19.33	34.92

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.27				10	
25.33				10	
25.33				8	
26.08				15	
26.48				21	
24.96				10	
25.09				7	
25.24				4	
25.30				4	
25.29				4	
25.53				12	
25.98				15	
26.51				23	
26.88				28	
25.14				10	
25.14				7	
25.17				5	
25.20				7	
25.26				8	
25.46				8	
25.69				13	
26.12				16	
26.78				20	
24.97				4	
24.94				3	
24.96				4	
24.94				4	
24.97				11	
25.19				14	
25.30				14	
25.66				16	
26.65				28	

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 3.v	51/55	37°35' S. 152°51' E.	0	19.40	19.61	35.43
			25	19.40	19.61	35.43
			50	19.30	19.59	35.39
			75	19.30	19.60	35.41
			100	15.36	19.51	35.25
			150	15.15	19.49	35.21
			200	13.36	19.44	35.12
			300	11.33	19.31	34.88
			500	8.99	19.14	34.58
4.v	52/55	38°30' S. 152°00' E.	0	19.20	19.72	35.62
			25	19.40	19.66	35.52
			50	19.30		
			75	19.35	19.67	35.53
			100	19.28	19.67	35.53
			150	19.25	19.67	35.53
			200	19.26	19.64	35.48
			300	16.82	19.57	35.35
			500	13.13	19.43	35.10
4.v	53/55	39°30' S. 152°00' E.	0	18.41	19.62	35.44
			25	18.41	19.63	35.46
			50	18.40	19.63	35.46
			75	18.00	19.63	35.46
			100	17.80	19.61	35.43
			150	15.56	19.56	35.34
			200	14.36	19.51	35.25
			300	14.13	19.50	35.23
			500	11.82	19.39	35.03
5.v	54/55	40°20' S. 151°40' E.	0	17.35	19.60	35.41
			25	17.30	19.58	35.37
			50	17.21	19.60	35.41
			75	17.22	19.60	35.41
			100	17.20	19.60	35.41
			150	13.44	19.47	35.17
			200	12.44	19.42	35.08
			300	11.44	19.36	34.97
			500	8.80	19.17	34.63

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.26				11	
25.26				5	
25.26				4	
25.27				5	
26.10				16	
26.12				16	
26.43				20	
26.64				22	
26.81				30	
25.46				8	
25.33				11	
				9	
25.36				7	
25.37				7	
25.38				7	
25.33				8	
25.85				14	
26.46					
25.52				10	
25.54				17	
25.54				11	
25.64				13	
25.66				8	
26.13				18	
26.31				16	
26.35				22	
26.66				27	
25.76				11	
25.75				13	
25.80				8	
25.79				12	
25.80				12	
26.46				24	
26.58				22	
26.70				23	
26.88				37	

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 5.v	55/55	41°30' S. 152°00' E.	0	16.40	19.61	35.43
			25	16.35	19.61	35.43
			50	16.30	19.60	35.41
			75	16.25	19.61	35.43
			100	14.58	19.54	35.30
			150	13.45	19.50	35.23
			200	12.91	19.49	35.21
			300	11.76	19.39	35.03
			500	9.29	19.16	34.61
6.v	56/55	42°30' S. 152°00' E.	0	13.40	19.29	34.85
			25	13.81	19.34	34.94
			50	13.81	19.34	34.92
			75	13.75	19.33	34.88
			100	13.60	19.33	34.96
			150	13.40	19.31	34.88
			200	11.37	19.35	34.96
7.v	57/55	42°20' S. 149°42' E.	0	14.00	19.45	35.14
			25	13.91	19.42	35.08
			50	13.83	19.43	35.10
			75	13.60	19.41	35.07
			100	13.60	19.42	35.08
			150	13.04	19.34	34.94
			200	12.95	19.41	35.07
			300	11.23	19.37	34.99
8.v	58/55	42°30' S. 149°00' E.	0	15.81	19.60	35.41
			25	15.76	19.60	35.41
			50	15.61	19.61	35.43
			75	15.60	19.61	35.43
			100	15.60	19.59	35.39
			150	15.40	19.57	35.35
			200	14.59	19.54	35.30
			300	12.73	19.45	35.14
			500	9.69	19.23	34.74

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.00				14	
26.01				13	
26.01				9	
26.03				12	
26.31				18	
26.50				21	
26.60				21	
26.67				22	
26.79				38	
26.21				18	
26.20				16	
26.18				7	
26.17				7	
26.25				11	
26.24				8	
26.69				15	
26.31				18	
26.28				20	
26.32				16	
26.34				15	
26.35				13	
26.36				13	
26.48				18	
26.74				20	
26.84				33	
26.12				13	
26.13				9	
26.18				11	
26.18				17	
26.16				10	
26.17				10	
26.31				23	
26.58				23	
26.82				28	

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 8.v	59/55	42°28' S. 148°25' E.	0	16.11	19.63	35.46
			25	16.20	19.63	35.46
			50	15.60	19.58	35.37
			75	14.29	19.52	35.26
			100	13.47	19.52	35.26
			150	12.66	19.44	35.12
			200	12.06	19.41	35.07
			300	10.91	19.34	34.94
			500	8.91	19.27	34.81
22.v	61/55	41°48' S. 149°10' E.	0	15.01	19.64	35.48
			25	15.11	19.62	35.44
			50	15.08	19.61	35.43
			75	15.06	19.65	35.50
			100	15.11	19.64	35.48
			150	15.11	19.64	35.48
			200	13.39	19.50	35.23
			300	12.23	19.47	35.17
			500	9.93	19.29	34.85
22.v	62/55	40°22' S. 149°36' E.	0	15.10	19.60	35.41
			25	15.20	19.58	35.37
			50	14.90	19.60	35.41
			75	14.90	19.60	35.41
			100	15.10	19.60	35.41
			150	14.90	19.58	35.37
			200	13.59	19.52	35.26
			300	11.97	19.44	35.12
			500	9.52	19.20	34.69
23.v	63/55	39°22' S. 149°40' E.	0	15.81	19.60	35.41
			25	15.80	19.63	35.46
			50	15.80	19.63	35.46
			75	15.80	19.63	35.46
			100	15.70	19.63	35.46
			150	13.18	19.47	35.17
			200	11.97	19.41	35.07
			300	10.29	19.29	34.85
			500	8.31	19.12	34.54

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.09				10	
26.07				10	
26.15				8	
26.35				13	
26.52				20	
26.57				21	
26.65				18	
26.76				17	
27.01				30	
26.35				13	
26.30				16	
26.30				17	
26.36				11	
26.33				8	
26.33				16	
26.51				27	
26.70				25	
26.86				21	
26.28				10	
26.24				12	
26.33				19	
26.33				14	
26.28				12	
26.30				8	
26.50				26	
26.70				17	
26.80				30	
26.12				10	
26.17				7	
26.17				12	
26.17				12	
26.19				11	
26.51				23	
26.66				23	
26.80				37	
26.89				37	

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 23.v	64/55	38°20' S. 150°00' E.	0	15.90	19.58	35.37
			25	15.90	19.61	35.43
			50	15.90	19.64	35.48
			75	15.90	19.64	35.48
			100	15.80	19.63	35.46
			150	13.78	19.46	35.16
			200	11.85	19.39	35.03
			300	11.25	19.28	34.83
			500	8.01	19.12	34.54

F.R.V. "Derwent Hunter"
Cruise 16, Part 2

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.08				5	
26.11				3	
26.15				13	
26.15				7	
26.17				7	
26.37				15	
26.66				20	
26.62				25	
26.93				28	

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 12.viii	68/55	34°05' S. 151°25' E.	0	15.92	19.66	35.52
			23	16.10	19.68	35.55
			45	16.03	19.68	35.55
			67	16.02	19.66	35.52
			90	16.02	19.66	35.52
			127	14.58	19.66	35.52
12.viii	69/55	34°05' S. 151°40' E.	0	17.55	19.70	35.59
			21	17.54	19.70	35.59
			42	17.53	19.70	35.59
			65	17.53	19.70	35.59
			88	17.62	19.70	35.59
			130	17.50	19.70	35.59
			170	16.53	19.63	35.46
			260	14.15	19.51	35.25
			444	10.89	19.34	34.94
			630	8.29	19.14	34.58
13.viii	70/55	34°05' S. 152°30' E.	0	15.84	19.65	35.50
			25	15.83	19.63	35.46
			52	15.83	19.65	35.50
			70	15.73	19.64	35.48
			85	15.72	19.64	35.48
			115	15.55	19.62	35.44
			150	15.33	19.63	35.46
			215	13.39	19.50	35.23
			352	11.27	19.38	35.01
			500	9.25	19.36	34.97
			630	7.24	19.13	34.56

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.18	5.60	98		25	
26.16				17	
26.18	5.45	95		27	
26.16	5.35	94		50	
26.16	5.37	94		17	
26.48	5.52	94		25	
25.85	5.23	94		12	
25.85	5.26	94		13	
25.85	5.23	94		13	
25.85	5.26	94		13	
25.83	5.23	94		11	
25.86	4.98	89		13	
26.00	4.66	82		18	
26.36	4.57	77		23	
26.77	4.57	73		32	
26.92	4.75	71		43	
27.05	4.54	66		50	
26.19	5.60	98		15	
26.16	5.53	97		15	
26.19	5.49	96		13	
26.19	5.46	95		13	
26.19	5.43	94		16	
26.20	5.33	92		13	
26.27	5.36	93		12	
26.51	4.90	82		22	
26.76	4.77	76		24	
27.03	4.66	72		28	
27.06	4.66	68		47	

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 13.viii	71/55	34°05' S. 153°30' E.	0	16.42	19.68	35.55
			18	16.32	19.68	35.55
			36	16.22	19.68	35.55
			50	16.10	19.68	35.55
			65	16.00	19.64	35.48
			95	15.72	19.64	35.48
			125	15.60	19.71	35.61
			190	15.00	19.60	35.41
			320	11.66	19.42	35.08
			475	9.81	19.25	34.78
			629	7.27	19.18	34.65
13.viii	72/55	34°05' S. 154°14' E.	0	20.30	19.71	35.61
			247	18.37	19.70	35.59
13.viii	73/55	34°05' S. 154°45' E.	0	19.60	19.70	35.59
			25	19.65	19.71	35.61
			50	19.45	19.68	35.55
			75	19.30	19.74	35.66
			102	19.30	19.73	35.64
			150	19.23	19.70	35.59
			199	19.20	19.71	35.61
			250	19.20	19.71	35.61
			363	16.75	19.66	35.52
			495	12.39	19.44	35.12
			622	9.50	19.25	34.78
14.viii	74/55	34°05' S. 156°04' E.	0	20.18	19.70	35.59
			25	20.18	19.71	35.61
			50	20.10	19.71	35.61
			75	19.90	19.71	35.61
			104	19.57	19.71	35.61
			130	19.38	19.70	35.59
			170	19.28	19.71	35.61
			250	17.91	19.69	35.57
			372	14.87	19.54	35.30
			420	11.77	19.36	34.97
			476	9.34	19.21	34.70

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.09	5.55	98		17	
26.11	5.45	96		15	
26.13	5.45	96		15	
26.16	5.55	97		15	
26.13	5.55	97		15	
26.19	5.37	93		15	
26.33	5.47	95		15	
26.30	5.24	90		18	
26.73	5.28	85		28	
26.83	4.56	71		37	
27.12	4.56	67		47	
25.17				18	
25.65				10	
25.33	5.07	94		12	
25.34	5.15	96		12	
25.34	5.09	94		13	
25.46	5.09	94		12	
25.45	5.09	94		10	
25.43	4.98	92		15	
25.45	5.09	94		16	
25.45	5.02	93		13	
25.99	4.36	77		18	
26.62	4.49	73		33	
26.88	4.60	71		29	
25.18	5.02	94		16	
25.20	4.96	93		17	
25.22	4.96	93		12	
25.27	4.96	93		50	
25.36	5.02	93		20	
25.39	5.02	93		19	
25.43	4.96	92		13	
25.75	4.48	81		18	
26.25	4.33	74		28	
26.64	4.33	70		35	
26.85	4.52	69		45	

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 15.viii	75/55	35°45' S. 156°17' E.	0	16.85	19.66	35.52
			28	16.95	19.66	35.52
			55	16.95	19.66	35.52
			79	16.60	19.65	35.50
			104	16.05	19.60	35.41
			150	14.53	19.52	35.26
			180	13.71	19.48	35.19
			260	11.68	19.37	34.99
			403	9.87	19.18	34.65
			660	6.56	19.09	34.49
			920	5.30	19.06	34.43
			15.viii	76/55	37°05' S. 156°15' E.	0
29	15.55	19.64				35.48
58	15.50	19.64				35.48
85	15.45	19.64				35.48
115	15.04	19.60				35.41
165	14.44	19.55				35.32
228	13.12	19.50				35.23
330	11.90	19.38				35.01
521	8.95	19.19				34.67
740	6.88	19.09				34.49
968	5.31	19.06				34.43
16.viii	77/55	37°05' S. 155°10' E.				0
			26	16.45	19.64	35.48
			52	16.23	19.64	35.48
			77	16.05	19.64	35.48
			102	15.56	19.63	35.46
			138	13.66	19.45	35.14
			177	12.90	19.44	35.12
			253	11.33	19.34	34.94
			407	9.60	19.17	34.63
			700	6.55	19.06	34.43
			979	5.01	19.06	34.43

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.96	5.30	94		17	
25.94	5.07	90		13	
25.94	5.23	93		13	
26.01	5.23	92		17	
26.07	4.66	82		21	
26.30	4.20	71		25	
26.41	4.27	72		28	
26.66	4.49	73		31	
26.72	4.61	71		49	
27.09	4.38	63		56	
27.21	4.30	61		57	
26.23	5.60	97		17	
26.23	5.60	97		16	
26.24	5.63	98		15	
26.25	5.40	94		13	
26.30	5.31	91		15	
26.35	5.47	93		20	
26.56	5.37	89		24	
26.64	4.67	76		30	
26.89				41	
27.05	4.49	65		55	
27.21	4.23	60		57	
26.00	5.55	98		13	
26.03	5.60	99		10	
26.08	5.36	94		14	
26.12	5.49	96		15	
26.22	5.26	91		18	
26.39	4.33	73		25	
26.52	4.57	76		30	
26.69	4.71	76		33	
26.74	4.69	72		40	
27.05	4.46	65		50	
27.25	4.14	58		69	

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 17.viii	78/55	37°05' S. 153°33' E.	0	17.14	19.70	35.59
			25	17.20	19.70	35.59
			50	17.22	19.70	35.59
			75	17.15	19.70	35.59
			102	17.20	19.69	35.57
			152	16.64	19.68	35.55
			209	15.94	19.67	35.53
			255	15.28	19.59	35.39
			356	13.24	19.52	35.26
			530	9.88	19.26	34.79
			706	7.71	19.12	34.54
17.viii	79/55	37°05' S. 152°00' E.	0	14.80	19.61	35.43
			25	14.70	19.62	35.44
			50	14.55	19.62	35.44
			77	14.40	19.62	35.44
			104	14.00	19.58	35.37
			158	13.69	19.56	35.34
			211	13.04	19.49	35.21
			303	12.52	19.45	35.14
			492	9.83	19.25	34.78
			740	7.04	19.09	34.49
			988	5.48	19.05	34.42
18.viii	80/55	37°05' S. 151°20' E.	0	16.05	19.70	35.59
			25	16.05	19.70	35.59
			50	16.05	19.68	35.55
			75	16.00	19.68	35.55
			100	16.00	19.68	35.55
			154	15.75	19.68	35.55
			208	15.55	19.67	35.53
			278	14.89	19.62	35.44
			425	13.61	19.58	35.37
			650	10.92	19.40	35.05
			870	7.17	19.09	34.49

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.95	5.15	92		13	
25.93	5.23	93		15	
25.93	5.18	93		13	
25.95	5.12	91		13	
25.92	5.30	95		13	
26.04	4.96	88		16	
26.19	5.43	95		18	
26.23	4.77	82		21	
26.57	5.74	96		21	
26.83	4.77	74		37	
26.98	4.66	69		53	
26.36	5.87	101		14	
26.39	5.70	97		17	
26.42	5.66	96		17	
26.46	5.47	93		23	
26.50	5.55	94		20	
26.53	5.60	94		21	
26.57	5.36	89		25	
26.62	5.45	89		24	
26.83	4.99	77		37	
27.03	4.56	67		51	
27.17	4.23	60		58	
26.20	4.81	84		18	
26.20	5.49	96		17	
26.17	5.23	92		17	
26.19	5.36	94		17	
26.19	5.49	96		19	
26.24	5.42	95		14	
26.28	5.49	95		14	
26.35	5.15	88		17	
26.58	5.63	94		17	
26.84	5.15	82		27	
27.01	4.54	67		40	

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 18.viii	81/55	37°05' S. 150°40' E.	0	15.15	19.65	35.50
			31	15.18	19.66	35.52
			63	13.73	19.57	35.35
			95	13.16	19.53	35.28
			126	13.16	19.53	35.28
			146	13.13	19.54	35.30
			150	13.13	19.53	35.28
			201	13.03	19.51	35.25
			303	11.11	19.34	34.94
			509	8.72	19.17	34.63
			769	6.89	19.09	34.49
			1029	5.03	19.04	34.40
18.viii	82/55	37°05' S. 150°15' E.	0	14.40	19.62	35.44
			25	13.75	19.57	35.35
			53	12.42	19.49	35.21
			80	12.28	19.49	35.21
			107	12.15	19.48	35.19
			160	11.73	19.47	35.17

F.R.V. "Derwent Hunter"
Cruise 18, Part 2

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.34	5.60	97		30	
26.35	5.54	96		20	
26.53	5.66	95		27	
26.59	5.69	95		24	
26.59	5.60	93		23	
26.62				23	
26.60	5.66	94		30	
26.59	5.60	93		27	
26.73	4.83	77		33	
26.90	4.77	72		43	
27.05	4.48	65		56	
27.21	4.27	60		62	
26.46				19	
26.53	5.45	92		20	
26.69	5.60	92		17	
26.72	5.24	86		30	
26.72	5.20	85		24	
26.80	5.28	85		24	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955						
20.viii	83/55	37°30' S. 151°30' E.	0	15.90	19.69	35.57
			22	15.90	19.71	35.61
			43	15.80	19.68	35.55
			64	15.70	19.65	35.50
			85	15.59	19.68	35.55
			130	14.38	19.63	35.46
			176	13.47	19.55	35.32
			241	13.07	19.51	35.25
			349	11.03	19.36	34.97
			526	8.66	19.19	34.67
			703	7.38	19.16	34.61
20.viii	84/55	38°15' S. 151°20' E.	0	14.86	19.65	35.50
			18	14.40	19.65	35.50
			35	14.25	19.65	35.50
			54	14.09	19.61	35.43
			71	13.79	19.62	35.44
			85	13.60	19.58	35.37
			99	13.43	19.49	35.21
			217	11.97	19.49	35.21
			335	9.84	19.26	34.79
			518	8.01	19.22	34.72
			702	6.61	19.09	34.49
20.viii	85/55	38°40' S. 150°57' E.	0	14.37	19.60	35.41
			25	14.48	19.60	35.41
			48	14.29	19.66	35.52
			73	13.68	19.64	35.48
			95	13.68	19.64	35.48
			130	13.47	19.60	35.41
			165	13.08	19.56	35.34
			237	12.66	19.50	35.23
			346	11.34	19.42	35.08
			545	8.69	19.19	34.67
			745	7.40	19.13	34.56

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.23	5.60	98		24	
26.26	5.47	96		16	
26.24	5.60	98		20	
26.22	5.60	97		24	
26.28	5.66	98		26	
26.48	5.66	96		30	
26.56	5.18	87		24	
26.58				37	
26.77	4.83	77		37	
26.93				55	
27.09	4.71	69		63	
26.41	5.94	102		26	
26.51	5.82	99		23	
26.54	5.82	99		30	
26.51	5.78	98		26	
26.59				29	
26.58	5.47	92		25	
26.49	5.18	87		32	
26.78	5.18	84		32	
26.84	4.95	77		40	
27.07	5.02	75		35	
27.09	4.54	66		51	
26.44	5.88	100		23	
26.42	5.94	101		23	
26.54	5.82	99		24	
26.64	5.70	96		24	
26.64	5.70	96		31	
26.63	5.70	95		24	
26.66	5.58	93		29	
26.65	5.45	90		30	
26.79	4.97	80		34	
26.93	4.86	74		34	
27.03	4.62	68		55	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 20.viii	86/55	39°10' S. 150°10' E.	0	13.29	19.51	35.25
			25	13.29	19.52	35.26
			52	13.09	19.53	35.28
			77	13.20	19.54	35.30
			107	13.18	19.54	35.30
			124	13.00	19.55	35.32
			145	12.69	19.55	35.32
			290	9.86	19.27	34.81
			523	7.82	19.11	34.52
			778	6.41	19.08	34.47
			1034	4.79	19.06	34.43
			21.viii	87/55	39°30' S. 149°45' E	0
22	14.82	19.56				35.34
43	13.50	19.56				35.34
64	13.50	19.58				35.37
85	13.60	19.58				35.37
130	13.40	19.59				35.39
176	13.40	19.59				35.39
286	12.69	19.51				35.25
481	11.06	19.38				35.01
701	8.22	19.16				34.61
921	6.40	19.07				34.45
22.viii	88/55	39°58' S. 149°10' E.	0	13.39	19.55	35.32
			26	13.30	19.57	35.35
			53	13.40	19.58	35.37
			80	13.39	19.58	35.37
			106	13.39	19.59	35.39
			147	13.09	19.57	35.35
			187	12.69	19.52	35.26
			279	12.29	19.48	35.19
			451	10.06	19.38	35.01
			707	7.90	19.16	34.61
			963	5.99	19.08	34.47

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.54	5.58	93		24	
26.56	5.70	95		24	
26.60	5.60	93		24	
26.60	5.68	95		24	
26.61	5.70	95		28	
26.65	5.70	95		20	
26.72	5.56	92		29	
26.85	5.17	80		42	
26.94	3.85	57		47	
27.10	4.44	64		59	
27.27	2.08	29		65	
26.26	5.77	99		22	
26.29	5.88	101		22	
26.57	5.77	96		25	
26.60	5.68	95		24	
26.58	5.77	97		27	
26.63	5.88	98		26	
26.63	5.63	94		24	
26.66	5.70	94		28	
26.80	5.45	87		31	
26.96	5.07	76		47	
27.08	4.47	65		56	
26.57	5.78	97		27	
26.62	5.78	96		30	
26.62	5.78	97		25	
26.62	5.78	97		24	
26.63	5.72	96		26	
26.66	5.72	95		26	
26.68	5.78	95		37	
26.70	5.78	94		33	
26.97	5.72	89		40	
27.01	4.88	73		53	
27.16	4.43	63		65	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955						
22.viii	89/55	40°28' S. 148°58' E.	0 24 47 71 95 143	12.90 12.90 12.70 12.49 12.19 11.79	19.50 19.52 19.52 19.52 19.49 19.46	35.23 35.26 35.26 35.26 35.21 35.16
27.viii	90/55	42°36' S. 148°16' E.	0 27 53 106	11.39 11.41 11.41 11.59	19.37 19.37 19.37 19.40	34.99 34.99 34.99 35.05
27.viii	91/55	42°36' S. 148°30' E.	0 26 52 78 117 155	11.59 11.59 11.59 11.59 11.50 11.40	19.41 19.43 19.42 19.42 19.42 19.41	35.07 35.10 35.08 35.08 35.08 35.07
27.viii	92/55	42°36' S. 148°55' E.	0 24 48 72 95 141 187 297 504 676 848	11.29 11.29 11.29 11.31 11.30 11.20 11.30 10.18 7.64 7.65 6.03	19.40 19.38 19.38 19.38 19.39 19.40 19.40 19.28 19.16 19.15 19.07	35.05 35.01 35.01 35.01 35.03 35.05 35.05 34.83 34.61 34.60 34.45

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.61	5.68	94		26	
26.64	5.66	94		24	
26.68	5.79	95		25	
26.72	5.79	95		27	
26.74	5.86	96		24	
26.76	5.82	94		25	
26.72	5.98	96		21	
26.71	6.07	98		19	
26.71	6.01	97		20	
26.72	6.07	98		21	
26.75	6.01	97		28	
26.78	6.13	99		23	
26.76	6.10	99		44	
26.76	5.98	97		26	
26.78	6.07	98		26	
26.79	6.10	98		26	
26.77	6.18	99		35	
26.76	6.18	99		32	
26.76	6.07	97		34	
26.75	6.07	97		29	
26.76	6.01	96		33	
26.79	6.01	96		30	
26.77	6.01	96		53	
26.81	5.38	84		40	
27.05	5.56	82		53	
27.03	5.17	91		49	
27.13	4.56	65		54	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 27.viii	93/55	42°36' S. 149°30' E.	0	11.30	19.40	35.05
			24	11.30	19.40	35.05
			48	11.30	19.40	35.05
			73	11.30	19.40	35.05
			97	11.40	19.40	35.05
			137	11.30	19.40	35.05
			177	11.30	19.39	35.03
			248	11.10	19.38	35.01
			390	9.78	19.37	34.99
			568	8.26	19.16	34.61
			746	7.14	19.09	34.49
28.viii	94/55	42°50' S. 150°50' E.	0	11.40	19.44	35.12
			24	11.50	19.42	35.08
			48	11.50	19.40	35.05
			72	11.50	19.41	35.07
			95	11.50	19.41	35.07
			145	11.40	19.41	35.07
			197	11.50	19.41	35.07
			268	11.40	19.40	35.05
			409	8.96	19.22	34.72
			881	5.82	19.10	34.51
28.viii	95/55	42°36' S. 152°35' E.	0	11.89	19.46	35.16
			27	11.99	19.46	35.16
			53	11.90	19.47	35.17
			79	11.90	19.47	35.17
			105	11.80	19.47	35.17
			156	11.49	19.41	35.07
			207	11.49	19.43	35.10
			306	11.29	19.39	35.03
			503	9.27	19.23	34.74
			738	8.65	19.14	34.58
			972	5.92	19.08	34.47

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.77	6.01	96		25	
26.77	6.07	97		27	
26.77				27	
26.77	6.01	96		25	
26.75	6.18	99		26	
26.77	6.07	97		25	
26.76	5.48	88		32	
26.79	6.01	96		25	
27.00	5.56	86		40	
26.96	4.97	75		56	
27.01	4.86	71		60	
26.81	5.94	95		37	
26.76	5.94	96		26	
26.73				39	
26.75	5.91	95		25	
26.75	5.88	95		25	
26.77	6.01	97		25	
26.75	6.01	97		21	
26.75	6.07	98		24	
26.92	5.24	80		59	
27.21	4.40	63		57	
26.74	5.94	96		38	
26.73	6.01	98		26	
26.76	5.88	95		47	
26.76	5.82	94		30	
26.78	5.91	96		30	
26.75	6.08	98		24	
26.78	5.88	95		34	
26.76	6.07	97		23	
26.89	5.32	81		31	
26.87	4.79	72		48	
27.17	4.40	63		58	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955						
29.viii	96/55	41°06' S. 153°35' E.	0 24 47 71 94 153 212 304 501 736 972	11.90 11.90 11.85 11.80 11.80 11.69 11.29 9.99 8.36 6.82 5.21	19.41 19.41 19.41 19.41 19.42 19.41 19.38 19.24 19.17 19.09 19.08	35.07 35.07 35.07 35.07 35.08 35.07 35.01 34.76 34.63 34.49 34.47
30.viii	97/55	39°42' S. 151°42' E.	0 29 58 87 115 150 186 286 470 700 931	13.20 13.20 13.20 13.20 13.20 12.69 11.88 11.07 8.84 7.21 5.39	19.56 19.56 19.56 19.57 19.56 19.51 19.44 19.38 19.24 19.12 19.08	35.34 35.34 35.34 35.35 35.34 35.25 35.12 35.01 34.76 34.54 34.47
30.viii	98/55	39°05' S. 150°00' E.	0 29 58 87 115 167 217 314 509 724 943	13.30 13.30 13.00 13.00 13.00 12.70 12.19 10.47 8.37 6.20 4.99	19.55 19.56 19.55 19.55 19.55 19.53 19.47 19.33 19.19 19.11 19.09	35.32 35.34 35.32 35.32 35.32 35.28 35.17 34.92 34.67 34.52 34.49

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.68				51	
26.68	6.13	100		22	
26.69	6.13	99		25	
26.70	6.13	99		30	
26.71	6.19	100		29	
26.72	6.19	100		24	
26.76	5.60	90		33	
26.78				33	
26.95	5.30	80		58	
26.91	5.13	75		50	
27.25	4.60	65		58	
26.63	5.88	98		26	
26.63	5.88	98		25	
26.63	5.88	98		24	
26.64	5.88	98		28	
26.63	5.60	93		26	
26.66	5.55	91		32	
26.72	5.13	83		33	
26.80	4.95	79		33	
26.97	5.07	77		37	
27.05	4.71	69		54	
27.23	4.32	61		61	
26.59	5.82	97		23	
26.61	5.82	97		25	
26.65	5.78	96		29	
26.65	5.78	96		27	
26.65	5.93	98		31	
26.68	5.82	96		30	
26.71	5.78	94		32	
26.82	5.02	79		32	
26.98	4.83	73		46	
27.17	4.54	65		60	
27.29	4.38	61		62	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 31.viii	99/55	38°37' S. 149°27' E.	0	13.00	19.52	35.26
			29	13.20	19.57	35.35
			58	13.20	19.56	35.34
			87	13.10	19.56	35.34
			116	13.10	19.54	35.30
			162	12.19	19.47	35.17
			207	11.99	19.46	35.16
			303	10.47	19.34	34.94
			495	8.64	19.19	34.67
			728	6.51	19.10	34.51
			960	5.01	19.08	34.47
31.viii	100/55	38°28' S. 148°40' E.	0	13.39	19.57	35.35
			27	13.39	19.58	35.37
			53	13.39	19.59	35.39
			80	13.39	19.59	35.39
			106	13.39	19.59	35.39
			148	13.39	19.59	35.39
			197	12.98	19.55	35.32
			297	12.48	19.53	35.28
			495	9.43	19.26	34.79
			750	7.30	19.15	34.60
			1005	5.48	19.09	34.49
31.viii	101/55	38°10' S. 148°20' E.	0	12.29	19.72	35.62
			22	12.29	19.71	35.61
			43	12.29	19.72	35.62
2.ix	102/55	37°00' S. 152°20' E.	0	16.70	19.70	35.59
			24	16.30	19.71	35.61
			47	15.09	19.67	35.53
			71	14.39	19.60	35.41
			94	13.78	19.59	35.39
			150	13.68	19.59	35.39
			206	13.28	19.58	35.37
			281	12.90	19.54	35.30
			420	11.65	19.53	35.28
			640	10.63	19.46	35.16
			859	7.19	19.17	34.63

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.62	5.88	98		27	
26.64	5.99	100		25	
26.63	5.99	100		25	
26.65	5.82	97		23	
26.62	5.93	99		23	
26.71	5.13	84		28	
26.73	5.63	92		26	
26.84	5.02	79		38	
26.93	5.02	76		48	
27.12	4.54	66		53	
27.28	4.25	59		62	
26.60	5.73	96		25	
26.62	5.82	97		25	
26.63	5.88	98		19	
26.63	5.82	97		21	
26.63	5.82	97		21	
26.63	5.77	96		25	
26.66	5.58	93		28	
26.73	5.50	90		29	
26.90	5.12	79		39	
27.08	4.62	68		51	
27.23	4.44	63		57	
27.04	6.07	100		21	
27.03	6.13	100		17	
27.04	6.18	101		18	
26.05	5.56	99		20	
26.17	5.60	99		21	
26.38	5.56	96		28	
26.44	5.42	92		23	
26.55	5.45	92		21	
26.57	5.77	97		24	
26.65	5.77	96		24	
26.66	5.50	91		24	
26.89	5.60	91		27	
26.98				37	
27.12	4.62	68		50	

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 4.ix	103/55	34°05' S.	0	16.71	19.68	35.55
		151°25' E.	20	16.71	19.69	35.57
			39	16.70	19.70	35.59
			58	16.70	19.71	35.61
			77	16.70	19.71	35.61
			122	15.89	19.67	35.53
			168	15.28	19.64	35.48
			198	14.47	19.58	35.37
			384	11.33	19.37	34.99

F.R.V. "Derwent Hunter"
Cruise 18, Part 3

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.02	5.60	99			
26.04	5.72	101		19	
26.05	5.66	100		19	
26.07	5.66	100		26	
26.07	5.72	101		21	
26.20	5.36	94		23	
26.29	5.75	99		23	
26.40	5.18	88		23	
26.73	4.95	79		33	

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 2.xi	111/55	38°34' S. 145°21' E.	0	13.93	19.71	35.61
			25	13.93	19.74	35.66
			50	13.84	19.71	35.61
2.xi	112/55	39°10' S. 145°30' E.	0	13.73		
			25	13.74	19.67	35.53
			50	13.74	19.69	35.57
3.xi	115/55	39°25' S. 146°40' E.	0	13.71	19.70	35.59
			31	13.71	19.69	35.57
			62	13.71	19.70	35.59
			80	13.71	19.70	35.59
4.xi	116/55	38°50' S. 144°30' E.	0	14.22	19.67	35.53
			20	14.31	19.66	35.52
			40	14.22	19.72	35.62
			53	14.30	19.70	35.59
4.xi	119/55	39°20' S. 143°20' E.	0	14.68	19.81	35.79
			29	14.37	19.73	35.64
			58	14.37	19.73	35.64
			86	14.37	19.71	35.61
4.xi	120/55	39°30' S. 144°30' E.	0	13.70	19.65	35.50
			21	13.70	19.64	35.48
			41	13.60	19.63	35.46
5.xi	123/55	39°55' S. 145°30' E.	0	13.75	19.64	35.48
			33	13.44	19.62	35.44
			66	13.43	19.60	35.41
6.xi	126/55	40°15' S. 146°40' E.	0	13.32	19.65	35.50
			27	13.43	19.64	35.48
			54	13.21	19.65	35.50

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.73	5.82	98		12	
26.73	5.28	89		15	
26.71	5.88	99		9	
26.67	5.82	98		12	
26.70	6.07	102		12	
26.72	5.88	99		9	
26.71	5.82	98		11	
26.72	5.94	100		17	
26.72	5.82	98		11	
26.57				14	
26.54	5.77	98		15	
26.64	5.94	101		11	
26.59	5.77	98		11	
26.66	5.74	98		12	
26.62	5.82	99		13	
26.62	5.77	98		13	
26.60	5.82	99		15	
26.66	6.10	103		12	
26.64	5.77	97		10	
26.65	5.82	98		11	
26.62	6.07	102		14	
26.66	6.07	102		12	
26.64	6.13	103		10	
26.73	5.94	99		8	
26.69	6.04	101		9	
26.76	5.94	99		11	

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 7.xi	129/55	40°52' S. 146°00' E.	0	13.20	19.46	35.16
			25	12.78	19.46	35.16
			50	11.76	19.55	35.32
8.xi	130/55	40°40' S. 147°24' E.	0	12.26	19.42	35.08
			25	12.66	19.44	35.12
			50	12.25	19.59	35.39
9.xi	131/55	39°28' S. 147°20' E.	0	13.05	19.60	35.41
			21	13.24	19.62	35.44
			41	13.35	19.64	35.48
9.xi	132/55	38°55' S. 148°50' E.	0	13.71	19.52	35.26
			25	13.52	19.50	35.23
			50	13.51	19.50	35.23
			73	13.20	19.50	35.23
			95	12.80	19.50	35.23
			132	12.09	19.48	35.19
			176	11.79	19.45	35.14
			225	10.96	19.41	35.07
			376	9.35	19.25	34.78
10.xi	133/55	38°25' S. 149°00' E.	0	13.10	19.47	35.17
			25	13.10	19.47	35.17
			48	13.10	19.43	35.10
			72	13.10	19.44	35.12
			96	12.80	19.43	35.10
			144	12.49	19.44	35.12
			207	11.98	19.43	35.10
			270	11.37	19.39	35.03
			398	9.75	19.26	34.79

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
26.49	6.07	101		11	
26.57	6.07	100		12	
26.90	5.32	86		15	
26.62	6.04	99		12	
26.57	6.26	103		9	
26.86	5.50	90		15	
26.72	5.88	98		9	
26.70	6.01	100		21	
26.71	5.88	98		17	
26.47	6.31	106		15	
26.48	5.88	98		15	
26.48	5.88	98		17	
26.55	6.31	105		15	
26.63	5.45	90		15	
26.74	5.82	95		18	
26.76	5.94	96		19	
26.85	5.45	87		18	
26.91	5.24	80		28	
26.53	6.16	102		22	
26.53	6.18	103		12	
26.47	6.31	105		15	
26.48	6.07	101		18	
26.53	5.70	94		21	
26.60	5.56	91		23	
26.69	5.61	91		25	
26.75	5.69	91		25	
26.85	5.24	81		37	

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 10.xi	134/55	38°10' S. 149°50' E.	0	13.51	19.48	35.19
			25	13.29	19.51	35.25
			50	13.30	19.48	35.19
			79	13.30	19.49	35.21
			106	12.69	19.46	35.16
			158	12.38	19.45	35.14
			187	11.78	19.45	35.14
			240	11.27	19.38	35.01
			323	9.77	19.27	34.81
11.xi	135/55	37°05' S. 150°10' E.	0	13.80	19.54	35.30
			25	14.00	19.54	35.30
			50	13.60	19.54	35.30
			75	13.60	19.58	35.37
			103	13.60	19.62	35.44
			157	13.49	19.66	35.52
			212	13.49	19.72	35.62
12.xi	136/55	34°15' S. 152°20' E.	0	19.90	19.75	35.68
			25	19.90	19.73	35.64
			49	19.80	19.74	35.66
			73	19.81	19.74	35.66
			92	19.49	19.72	35.62
			139	19.19	19.72	35.62
			152	18.79	19.73	35.64
			179	18.07	19.69	35.57
245	14.81	19.53	35.28			

F.R.V. "Derwent Hunter"
Cruise 18, Part 6

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
26.55	5.88	98		22	
26.54	5.94	99		22	
26.50	5.70	95		19	
26.52	5.88	98		18	
26.59	5.88	97		19	
26.64	5.66	93		22	
26.76	5.70	92		23	
26.76	5.66	91		49	
26.87	5.24	81		28	
26.48	5.82	98		17	
26.44	5.94	100		14	
26.52	5.82	97		15	
26.58	5.82	98		18	
26.63	5.66	95		18	
26.71	5.32	89		15	
26.78	5.82	97		11	
25.32	5.45	102		9	
25.29	5.24	99		12	
25.33	5.32	99		11	
25.33	5.18	97		15	
25.39	5.12	95		18	
25.47	5.02	93		15	
25.58	5.04	93		12	
25.71	4.73	86		15	
26.24	4.56	78		24	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 16.xi	138/55	33°30' S. 152°20' E.	0	18.28	19.74	35.66
			25	17.01	19.67	35.53
			50	15.39	19.59	35.39
			75	14.94	19.60	35.41
			105	14.48	19.61	35.43
			156	13.39	19.50	35.23
			200	13.32	19.53	35.28
			300	11.49	19.43	35.10
			490	8.66	19.22	34.72
			690	6.60	19.14	34.58
			872	5.28	19.11	34.52
17.xi	140/55	33°03' S. 153°28' E.	0	22.85	19.82	35.81
			25	22.40	19.73	35.64
			50	20.01	19.74	35.66
			75	20.11	19.73	35.64
			103	19.76	19.74	35.66
			171	19.11	19.74	35.66
			250	18.72	19.74	35.66
			375	16.76	19.64	35.48
			651	11.23	19.28	34.83
			900	6.74	19.11	34.52
			1144	5.11	19.10	34.51
17.xi	142/55	33°00' S. 154°25' E.	0	22.20	19.77	35.71
			37	22.00	19.76	35.70
			74	20.38	19.74	35.66
			110	20.13	19.75	35.68
			139	19.42	19.72	35.62
			204	19.02	19.75	35.68
			258	18.96	19.75	35.68
			370	17.95	19.73	35.64
			591	12.26	19.46	35.16
			870	7.52	19.16	34.61
			1158	6.60	19.12	34.54

F.R.V. "Derwent Hunter"
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σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.72				10	
25.94				13	
26.20				24	
26.32				23	
26.43				27	
26.51				24	
26.56				27	
26.78				31	
26.97				49	
27.16				51	
27.28				58	
24.61				12	
24.61				16	
25.28				13	
25.24				13	
25.34				16	
25.51				13	
25.61				19	
25.95				25	
26.62				42	
27.10				53	
27.29				57	
24.72				12	
24.77				15	
25.18				15	
25.26				13	
25.41				19	
25.55				13	
25.56				15	
25.79				15	
26.67				33	
27.07				60	
27.13				70	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 18.xi	144/55	32°30' S. 155°45' E.	0	21.30	19.77	35.71
			25	20.90	19.74	35.66
			50	20.63	19.73	35.64
			75	20.25	19.73	35.64
			85	19.85	19.75	35.68
			106	19.08	19.75	35.68
			120	19.08	19.76	35.70
			155	17.96	19.73	35.64
			220	16.23	19.70	35.59
			250	16.15	19.67	35.53
			19.xi	146/55	32°10' S. 156°55' E.	0
19	21.15	19.74				35.66
35	21.10	19.71				35.61
53	20.66	19.73				35.64
68	20.05	19.76				35.70
121	19.13	19.73				35.64
164	18.99	19.75				35.68
260	17.97	19.71				35.61
445	13.74	19.50				35.23
700	8.48	19.19				34.67
954	6.64	19.14				34.58
19.xi	148/55	31°20' S. 157°40' E.	0	20.82	19.77	35.71
			19	20.87	19.74	35.66
			34	20.56	19.74	35.66
			61	19.72	19.74	35.66
			75	19.50	19.75	35.68
			106	18.98	19.72	35.62
			148	18.18	19.71	35.61
			230	16.38	19.63	35.46
			396	13.45	19.53	35.28
			555	10.10	19.35	34.96
			658	7.97	19.18	34.65

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.97				11	
25.04				13	
25.10				16	
25.20				19	
25.33				16	
25.56				16	
25.55				15	
25.79				16	
26.16				15	
26.14				30	
24.82				20	
24.97				16	
24.95				9	
25.09				9	
25.30				14	
25.49				16	
25.55				17	
25.77				16	
26.44				31	
26.96				47	
27.16				48	
25.10				13	
25.05				14	
25.13				17	
25.35				15	
25.42				17	
25.52				16	
25.71				22	
26.03				22	
26.53				30	
26.92				41	
27.01				47	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰			
1955 20.xi	150/55	30°21' S. 157°47' E.	0	21.00	19.74	35.66			
			23	20.95	19.74	35.66			
			45	19.88	19.73	35.64			
			70	19.48	19.73	35.64			
			90	19.39	19.76	35.70			
			165	18.87	19.76	35.70			
			175	18.82	19.74	35.66			
			245	18.21	19.71	35.61			
			355	16.38	19.68	35.55			
			615	10.40	19.32	34.90			
			834	7.36	19.15	34.60			
			20.xi	152/55	29°45' S. 156°45' E.	0	21.15	19.75	35.68
						27	21.15	19.72	35.62
54	20.35	19.71				35.61			
81	18.88	19.69				35.57			
108	18.48	19.73				35.64			
162	17.67	19.72				35.62			
190	17.11	19.69				35.57			
285	14.47	19.56				35.34			
475	10.66	19.35				34.96			
715	7.54	19.16				34.61			
957	5.81	19.12				34.54			
21.xi	154/55	28°52' S. 156°10' E.	0	22.05	19.76	35.70			
			26	22.05	19.80	35.77			
			53	21.60	19.76	35.70			
			80	20.74	19.81	35.79			
			106	20.58					
			152	20.03	19.78	35.73			
			205	19.97	19.79	35.75			
			310	19.00	19.76	35.70			
			524	13.92	19.46	35.16			
			825	7.90	19.14	34.58			
			1155	5.16	19.06	34.43			

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
25.01	4.86	93		10	
25.03	5.17	98		12	
25.30	5.50	103		16	
25.40	5.11	95		15	
25.47	5.11	95		9	
25.60	5.06	93		17	
25.59				20	
25.71	4.86	89		16	
26.10				14	
26.83	4.56	72		34	
27.07	4.49	66		47	
24.98	4.84	92		16	
24.95	5.36	102		12	
25.15	5.30	100		17	
25.51	5.18	96		20	
25.66				18	
25.85	4.72	85		19	
25.94	4.54	81		16	
26.37				24	
26.82	3.73	59		43	
27.06	4.58	68		55	
27.24	4.34	62		56	
24.75	5.17	100		16	
24.81	5.24	102		12	
24.87				13	
25.18	5.60	106		11	
	5.55			21	
25.33	4.86	91		12	
25.36	5.06	95		16	
25.58	4.61	85		15	
26.34	4.34	73		28	
26.98	4.61	69		51	
27.23	4.34	61		52	

F.R.V. "Derwent Hunter"
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Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 21.xi	156/55	28°30' S. 155°10' E.	0	23.00	19.81	35.79
			25	22.80	19.82	35.81
			55	22.10	19.80	35.77
			82	20.93	19.80	35.77
			110	20.53	19.82	35.81
			164	19.62	19.81	35.79
			217	19.27	19.77	35.71
			327	18.05	19.76	35.70
			545	12.10	19.45	35.14
			820	7.51	19.17	34.63
			1092	5.62	19.04	34.40
22.xi	158/55	27°50' S. 154°20' E.	0	23.45	19.80	35.77
			30	23.50	19.80	35.77
			62	23.66	19.82	35.81
			92	20.77	19.82	35.81
			125	20.11	19.82	35.81
			181	19.37	19.79	35.75
			245	18.60	19.77	35.71
			370	16.36	19.68	35.55
			611	9.86	19.35	34.96
			930	6.04	19.19	34.67
			1240	4.21	19.16	34.61
27.xi	161/55	27°00' S. 154°35' E.	0	25.16	19.60	35.41
			20	25.18	19.58	35.37
			39	24.00	19.63	35.46
			59	23.23	19.66	35.52
			78	21.77	19.72	35.62
			117	20.66	19.73	35.64
			164	20.05	19.72	35.62
			233	19.03	19.70	35.59
			383	15.55	19.56	35.34
			608	9.58	19.23	34.74
			832	6.89	19.08	34.47

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.54	5.11	101		16	
24.62	5.11	101		13	
24.79	5.17	100		11	
25.12	5.06	96		12	
25.25	5.06	96		17	
25.48	5.02	94		14	
25.51	4.86	90		15	
25.81	4.34	80		15	
26.70	4.67	76		37	
27.08	4.56	67		55	
27.14	4.29	61		62	
24.40	5.11	102		17	
24.39	5.02	100		13	
24.37	4.74	94		13	
25.19	5.50	104		17	
25.37	4.97	93		15	
25.52	4.74	88		16	
25.68	5.02	92		20	
26.10	4.40	77		22	
26.96	4.49	70		45	
27.31	4.79	69		62	
27.48	3.63	50		63	
23.62	4.78	98		9	
23.59	4.84	99		11	
24.01	5.02	101		8	
24.28	4.78	94		8	
24.78	4.61	89		10	
25.09	5.07	96		3	
25.24	4.31	81		15	
25.48	4.49	83		11	
26.13	4.38	76		22	
26.84	4.61	71		30	
27.04	4.61	67		38	

F.R.V. "Derwent Hunter"
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Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 27.xi	163/55	26°30' S. 155°45' E.	0	25.21	19.63	35.46
			32	24.10	19.65	35.50
			63	22.95	19.68	35.55
			94	21.61	19.71	35.61
			126	20.50	19.74	35.66
			166	19.71	19.73	35.64
			214	19.10	19.69	35.57
			312	17.11	19.67	35.53
			508	12.10	19.38	35.01
			760	7.51	19.14	34.58
			1007	5.52	19.22	34.72
28.xi	165/55	26°16' S. 157°11' E.	0	23.60	19.77	35.71
			25	23.35	19.74	35.66
			50	21.94	19.74	35.66
			75	21.27	19.76	35.70
			101	20.41	19.76	35.70
			152	19.81	19.72	35.62
			203	18.79	19.70	35.59
			305	17.05	19.65	35.50
			491	12.54	19.42	35.08
			759	8.07	19.17	34.63
			972	5.41	19.07	34.45
28.xi	167/55	25°30' S. 158°05' E.	0	23.55	19.76	35.70
			27	22.90	19.75	35.68
			53	21.60	19.75	35.68
			80	20.78	19.73	35.64
			106	20.32	19.72	35.62
			156	19.63	19.71	35.61
			185	19.26	19.70	35.59
			278	18.30	19.67	35.53
			458	13.68	19.46	35.16
			648	8.23	19.17	34.63
			834	5.68	19.09	34.49

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
23.65				15	
24.01				22	
24.38				6	
24.81				9	
25.15				6	
25.34				11	
25.45				11	
25.91				12	
26.60				35	
27.04				56	
27.41				56	
24.32	4.78	95		10	
24.35	5.07	100		7	
24.75	4.72	91		8	
24.97	4.96	95		11	
25.20	5.18	98		9	
25.31	4.90	92		12	
25.54	4.72	87		10	
25.90	4.33	77		21	
26.56	4.33	71		28	
27.00	4.61	69		46	
27.21	4.33	61		55	
24.32	4.96	99		4	
24.49	5.18	102		4	
24.86	5.02	97		6	
25.06	5.18	98		6	
25.17	4.90	92		7	
25.34	4.01	75		8	
25.42	4.90	91		5	
25.62	4.38	80		11	
26.39	4.33	73		22	
26.97	4.61	69		35	
27.21	4.33	62		47	

F.R.V. "Derwent Hunter"
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Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 29.xi	169/55	25°06' S. 159°18' E.	0	22.80	19.87	35.90
			27	22.40	19.85	35.86
			53	21.35	19.84	35.84
			80	20.68	19.83	35.82
			106	20.27	19.82	35.81
			153	19.72	19.80	35.77
			182	19.52	19.79	35.75
			273	18.00	19.75	35.68
			449	13.78	19.55	35.32
			685	7.61	19.22	34.72
			920	5.58	19.15	34.60
29.xi	169a/55	25°10' S. 159°40' E.	0	22.80	19.76	35.70
			25	22.55	19.76	35.70
			50	20.96	19.73	35.64
29.xi	171/55	24°40' S. 160°30' E.	0	22.60	19.72	35.62
			29	21.60	19.76	35.70
			58	20.45	19.75	35.68
			86	19.32	19.72	35.62
			115	18.81	19.78	35.73
			176	17.96	19.74	35.66
			195	17.66	19.66	35.52
			273	15.87	19.60	35.41
			488	11.07	19.34	34.94
			730	7.12	19.14	34.58
972	4.97	19.10	34.51			
30.xi	173/55	24°23' S. 161°29' E.	0	23.85	19.72	35.62
			28	23.55	19.72	35.62
			55	20.97	19.73	35.64
			82	20.42	19.73	35.64
			109	20.17	19.73	35.64
			161	19.57	19.71	35.61
			210	18.70	19.68	35.55
			310	16.46	19.63	35.46
			510	11.09	19.31	34.88
			760	6.56	19.13	34.56
1010	4.73					

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.69	5.02	99		7	
24.78	5.07	99		10	
25.05	5.02	96		9	
25.22	5.12	97		13	
25.32	4.96	93		13	
25.44	4.43	83		13	
25.48	4.20	78		13	
25.80	4.27	77		16	
26.49	4.33	73		27	
27.13	4.54	67		49	
27.31	4.33	61		56	
24.54	5.02	99		5	
24.61	5.02	98		8	
25.01	4.96	94		9	
24.54	4.61	90		10	
24.88	5.18	100		8	
25.17	5.02	95		20	
25.43	5.49	102		8	
25.65	5.23	96		8	
25.80	5.12	93		7	
25.77	4.38	79		18	
26.11	4.33	75		23	
26.74	4.43	71		34	
27.09	4.38	64		48	
27.31	4.14	58		56	
24.18	5.02	100		6	
24.27	5.12	102		9	
25.01	5.18	98		8	
25.15	5.07	96		15	
25.22	5.18	97		8	
25.36	4.72	88		9	
25.53	4.54	83		12	
26.01	4.43	78		15	
26.69	4.43	71		29	
27.15	4.54	66		36	

F.R.V. "Derwent Hunter"
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Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 1.xii	175/55	23°36' S. 162°47' E.	0	23.60	19.74	35.66
			25	23.65	19.74	35.66
			50	22.25	19.73	35.64
			75	20.88	19.72	35.62
			100	20.16	19.72	35.62
			156	19.26	19.72	35.62
			210	18.71	19.70	35.59
			310	16.62	19.60	35.41
			514	10.85	19.28	34.83
			762	6.92	19.12	34.54
			1012	4.83	19.07	34.45
1.xii	177/55	23°10' S. 164°05' E.	0	24.10	19.72	35.62
			25	24.05	19.70	35.59
			51	22.25	19.76	35.70
			77	20.87	19.73	35.64
			102	20.13	19.72	35.62
			155	19.06	19.70	35.59
			205	17.58	19.65	35.50
			305	14.42	19.53	35.28
			505	9.85	19.26	34.79
			763	6.24	19.07	34.45
			970	4.66	19.10	34.51
2.xii	179/55	22°36'30"S. 164°56' E.	0	25.10	19.67	35.53
			29	23.68	19.70	35.59
			57	21.67	19.72	35.62
			85	20.47	19.70	35.59
			114	20.06	19.70	35.59
			166	19.19	19.72	35.62
			190	18.95	19.72	35.62
			285	16.76	19.60	35.41
			476	11.38	19.37	34.99
			713	6.74	19.15	34.60
			949	4.92	19.17	34.63

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.28	4.84	96		8	
24.26	4.90	98		9	
24.65	4.90	95		11	
25.02	5.07	96		13	
25.21	4.72	89		11	
25.45	4.72	88		15	
25.56	4.43	81		13	
25.94	4.33	77		20	
26.69	4.43	70		28	
27.09	4.38	64		36	
27.28	4.08	57		51	
24.10	5.88	118		6	
24.09	5.07	102		6	
24.70	5.43	106		6	
25.03	5.30	101		9	
25.22	5.12	96		9	
25.47	4.61	85		12	
25.78	4.49	81		15	
26.33	4.38	74		15	
26.83	4.54	70		25	
27.10	4.72	68		50	
27.35	4.20	58		52	
23.73	4.72	96		11	
24.20	5.12	102		11	
24.80	4.78	92		18	
25.10	4.14	78		20	
25.21	3.89	73		24	
25.47	3.95	73		16	
25.53	4.90	90		22	
25.90	4.33	77		18	
26.72	4.38	70		37	
27.16	4.49	65		58	
27.41	4.14	58		55	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 6.xii	181/55	23°50' S. 166°10' E.	0	23.80	19.66	35.52
			21	23.80	19.66	35.52
			42	22.95	19.66	35.52
			63	20.92	19.70	35.59
			83	20.41	19.70	35.59
			139	19.83	19.72	35.62
			188	18.29	19.68	35.55
			285	15.75	19.55	35.32
			473	9.96	19.22	34.72
			713	6.79	19.10	34.51
			853	5.31	19.06	34.43
8.xii	182/55	24°34' S. 164°40' E.	0	23.24	19.66	35.52
			21	23.20	19.67	35.53
			42	23.10	19.68	35.55
			63	21.37	19.68	35.55
			84	20.55	19.70	35.59
			130	19.71	19.71	35.61
			176	19.47	19.73	35.64
9.xii	183/55	25°45' S. 163°30' E.	0	23.00	19.59	35.39
			24	23.00	19.59	35.39
			48	22.85	19.59	35.39
			72	21.59	19.69	35.57
			96	20.98	19.66	35.52
			145	19.87	19.72	35.62
			195	19.31	19.72	35.62
			295	17.74	19.65	35.50
			517	12.35	19.38	35.01
			738	7.26	19.09	34.49
983	5.27	19.06	34.43			

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.11	5.07	101		11	
24.11	5.12	102		8	
24.36	5.23	103		11	
24.98	5.07	96		7	
25.12	4.96	93		10	
25.30	4.84	90		14	
25.63	4.66	85		18	
26.06	4.43	77		15	
26.76	4.54	71		32	
27.08	4.72	69		52	
27.21	4.49	63		63	
24.27	5.18	102		5	
24.30	5.18	99		4	
24.34	5.12	101		4	
24.83	4.61	88		7	
25.08	5.07	96		7	
25.32	5.12	96		7	
25.43	5.02	93		10	
24.25	4.93	97		11	
24.25	4.96	98		10	
24.29	4.93	97		11	
24.81	5.07	98		10	
24.91	5.07	96		10	
25.29	4.66	87		11	
25.44	4.61	86		18	
25.74	4.27	77		18	
26.55	4.27	70		37	
27.00	4.61	68		55	
27.22	4.27	60		58	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 9.xii	184/55	26°50' S. 162°30' E.	0	23.50	19.67	35.53
			26	23.20	19.70	35.59
			52	23.10	19.72	35.62
			78	20.87	19.70	35.59
			104	20.06	19.70	35.59
			161	19.31	19.68	35.55
			185	19.19	19.70	35.59
			280	17.57	19.65	35.50
			463	13.15	19.40	35.05
			700	8.21	19.15	34.60
			940	5.68	19.05	34.42
			10.xii	185/55	27°48' S. 161°20' E.	0
25	22.30	19.76				35.70
50	22.20	19.76				35.70
75	21.75	19.75				35.68
99	20.20	19.73				35.64
151	19.32	19.72				35.62
168	19.31	19.72				35.62
253	18.34	19.70				35.59
364	15.45	19.56				35.34
580	11.61	19.37				34.99
684	6.04	19.08				34.47
10.xii	186/55	28°58' S. 160°50' E.				0
			24	21.95	19.73	35.64
			47	21.75	19.73	35.64
			70	19.88	19.73	35.64
			94	19.53	19.72	35.62
			147	18.88	19.70	35.59
			200	18.52	19.70	35.59
			303	16.79	19.64	35.48
			510	12.02	19.38	35.01
			733	7.73	19.15	34.60
			955	5.75	19.10	34.51

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
24.21	4.96	98		12	
24.34	5.02	99		10	
24.40	5.07	100			
24.99	5.02	95		15	
25.21	4.84	91		11	
25.38	4.43	82		13	
25.44	4.78	89		13	
25.78	4.33	78		17	
26.41	4.27	71		31	
26.94	4.49	67		47	
27.15	4.49	64		60	
24.70	4.90	95		5	
24.68	4.96	97		8	
24.71	4.78	93		10	
24.81	5.02	97		4	
25.21	5.07	95		13	
25.43	4.72	88		12	
25.44	4.72	88		10	
25.65	4.49	82		14	
26.15	4.20	73		18	
26.68	4.43	71		27	
27.15	4.49	64		45	
24.68	5.18	101		8	
24.74	5.07	98		6	
24.79	5.12	99		6	
25.30	5.43	101		9	
25.38	4.72	88		15	
25.52	4.78	88		14	
25.61	4.84	89		11	
25.95	4.84	86		13	
26.62	4.33	70		36	
27.02	4.49	67		44	
27.22	4.33	62		51	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 11.xii	187/55	30°12' S. 160°00' E.	0	21.55	19.74	35.66
			26	21.35	19.76	35.70
			52	21.10	19.76	35.70
			79	19.88	19.70	35.59
			105	19.48	19.70	35.59
			161	18.98	19.70	35.59
			208	18.62	19.70	35.59
			306	17.91	19.69	35.57
			505	12.20	19.40	35.05
			740	11.22	19.33	34.92
			978	5.64	19.08	34.47
			11.xii	188/55	31°18' S. 159°18' E.	0
21	21.40	19.75				35.68
42	21.05	19.73				35.64
63	19.63	19.71				35.61
84	19.22	19.70				35.59
125	18.37	19.68				35.55
168	16.75	19.60				35.41
255	14.56	19.54				35.30
427	12.27	19.40				35.05
622	8.74	19.18				34.65
910	6.00	19.10				34.51
12.xii	189/55	31°41' S. 158°30' E.	0	19.60	19.70	35.59
			27	19.60	19.66	35.52
			54	16.20	19.63	35.46
			108	15.17	19.59	35.39
			158	14.01	19.53	35.28
			207	13.04	19.48	35.19

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
24.86	5.18	100		14	
24.95	5.18	99		14	
25.01	5.07	97		17	
25.26	5.07	95		16	
25.36	5.30	99		16	
25.49	4.90	90		13	
25.58	4.72	87		21	
25.75	4.78	87		15	
26.60	4.54	74		32	
26.69	4.38	70		37	
27.20	4.33	62		56	
24.78	4.96	95		13	
24.91	5.18	99		22	
24.98	5.04	96		11	
25.34				18	
25.43	4.11	76		17	
25.62	4.72	86		19	
25.91	4.49	79		16	
26.32	4.49	77		24	
26.59	5.07	83		37	
26.90	4.54	69		54	
27.19	4.38	63		74	
25.33	5.18	96		13	
25.28	4.90	91		13	
26.07	5.30	93		15	
26.25	4.78	82		23	
26.41	4.54	77		27	
26.55	4.38	73		33	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰			
1955 12.xii	190/55	31°52' S. 158°02' E.	0	19.55	19.66	35.52			
			27	19.40	19.66	35.52			
			54	17.57	19.65	35.50			
			81	15.97	19.61	35.43			
			107	15.46	19.59	35.39			
			155	14.30	19.56	35.34			
			208	12.84	19.44	35.12			
			317	10.80	19.32	34.90			
			527	8.54	19.17	34.63			
			777	6.38	19.09	34.49			
			1026	4.69	19.09	34.49			
			12.xii	191/55	31°58' S. 157°37' E.	0	20.20	19.68	35.55
						25	19.80	19.68	35.55
50	19.40	19.69				35.57			
75	17.37	19.66				35.52			
100	16.81	19.66				35.52			
152	15.91	19.63				35.46			
203	14.67	19.57				35.35			
255	13.52	19.50				35.23			
12.xii	192/55	32°02' S. 157°01' E.	0	19.35	19.69	35.57			
			23	19.15	19.70	35.59			
			45	18.90	19.70	35.59			
			67	18.65	19.70	35.59			
			89	18.10	19.68	35.55			
			156	16.17	19.65	35.50			
			207	15.41	19.62	35.44			
			309	13.43	19.53	35.28			
			513	10.06	19.30	34.87			
			760	7.27	19.15	34.60			
			1007	5.43	19.10	34.51			

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
25.29	5.18	96		9	
25.33	5.12	95		8	
25.78	5.18	93		10	
26.10	4.72	83		25	
26.19	4.72	82		15	
26.40	4.66	79		17	
26.53	4.61	76		24	
26.75	4.43	70		29	
26.92	4.49	68		42	
27.12	4.27	62		54	
27.32	4.01	56		57	
25.14				12	
25.25				10	
25.37				17	
25.84				22	
25.97				21	
26.14				21	
26.33				30	
26.48				24	
25.39	5.36	99		7	
25.45	5.36	99		7	
25.51	5.18	95		7	
25.57	5.55	102		9	
25.68	5.36	97		10	
26.11	5.23	92		15	
26.23	4.84	84		16	
26.54	4.54	76		25	
26.86	4.61	72		34	
27.08	4.54	67		48	
27.26	4.33	61		49	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 13.xii	193/55	32°10' S. 156°22' E.	0	23.05	19.77	35.71
			27	23.05	19.77	35.71
			54	22.80	19.73	35.64
			82	20.91	19.73	35.64
			109	20.42	19.72	35.62
			164	19.20	19.68	35.55
			216	18.35		
			270	17.14	19.64	35.48
13.xii	194/55	32°18' S. 155°46' E.	0	21.90	19.72	35.62
			25	21.55	19.72	35.62
			50	21.25	19.73	35.64
			75	21.19	19.71	35.61
			99	21.15	19.72	35.62
			156	19.47	19.72	35.62
			182	18.97	19.71	35.61
			260	18.75	19.70	35.59
			347	15.65	19.57	35.35
			626	9.84	19.26	34.79
905	6.94	19.13	34.56			
13.xii	195/55	32°30' S. 155°11' E.	0	22.85	19.72	35.62
			25	22.15	19.72	35.62
			50	21.55	19.74	35.66
			75	21.04	19.73	35.64
			101	20.53	19.73	35.64
			153	19.72	19.70	35.59
			200	18.91	19.70	35.59
			249	18.26	19.68	35.55

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
24.48				9	
24.48				11	
24.49				12	
25.02				10	
25.14				12	
25.40				29	
				14	
25.86				22	
24.74	5.07	98		5	
24.84	5.07	98		9	
24.93	4.84	93		10	
24.93	5.07	97		11	
24.95	5.02	96		9	
25.40	4.66	87		12	
25.51	4.66	86		13	
25.55	4.54	83		12	
26.12	4.33	75		21	
26.84	4.43	69		39	
27.10	4.43	65		51	
24.47				9	
24.67				8	
24.86				8	
24.99				9	
25.12				11	
25.30				12	
25.51				14	
25.64				22	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955 13.xii	196/55	32°40' S. 154°38' E.	0	24.10	19.65	35.50
			27	22.95	19.72	35.62
			55	22.65	19.71	35.61
			83	21.48	19.71	35.61
			110	20.51	19.72	35.62
			157	19.56	19.69	35.34
			214	18.96	19.68	35.55
			328	16.17	19.60	35.41
			546	11.30	19.33	34.92
			783	7.62	19.14	34.58
			1016	5.64	19.07	34.45
14.xii	197/55	32°40' S. 154°07' E.	0	24.70	19.62	35.44
			27	24.20	19.62	35.44
			53	23.75	19.61	35.43
			80	20.11	19.70	35.59
			106	18.98	19.60	35.41
			158	17.58	19.68	35.55
			210	16.06	19.67	35.53
			264	15.05	19.58	35.37
14.xii	198/55	32°40' S. 153°06' E.	0	23.30	19.73	35.64
			27	23.00	19.73	35.64
			54	20.33	19.73	35.64
			81	19.93	19.72	35.62
			108	19.12	19.73	35.64
			175	17.69	19.68	35.55
			200	17.14	19.65	35.50
			283	14.09	19.55	35.32
			471	10.35	19.31	34.88
			700	7.53	19.16	34.61
			934	5.70	19.11	34.52

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

σ_t	O ₂	O ₂ ‰	pH	PO ₄ P	NO ₃ N
				Total P.	
24.01	4.43	89		11	
24.44	4.90	96		8	
24.52	4.66	91		8	
24.85	4.96	95		7	
25.12	4.84	91		10	
25.33	4.01	75		15	
25.47	4.33	80		16	
26.04	4.72	83		25	
26.67	4.38	70		35	
27.02	4.49	66		50	
27.18	4.20	60		55	
23.78				9	
23.93				7	
24.05				8	
25.20				19	
25.36				21	
25.81				20	
26.16				22	
26.27				25	
24.35	4.90	97		7	
24.44	5.02	99		5	
25.18	5.18	98		10	
25.27	5.12	96		4	
25.50	4.90	91		7	
25.78	4.33	78		15	
25.88	4.33	77		14	
26.43	4.33	73		18	
26.82	4.43	70		33	
27.07	4.54	67		42	
27.23	4.27	61		43	

F.R.V. "Derwent Hunter"
Cruise 18, Part 7

Date	Station	Position	Depth (m)	Temp. °C	Cl ‰	S ‰
1955	199/55	32°54' S. 152°47' E.	0	23.30	19.73	35.64
14.xii			25	22.70	19.73	35.64
			50	20.43	19.73	35.64
			75	20.05	19.71	35.61
			100	19.16	19.71	35.61
			151	18.11	19.67	35.53
			197	16.94	19.62	35.44
			247	15.53	19.54	35.30

F.R.V. "Derwent Hunter"
 Cruise 18, Part 7

σ_t	O ₂	O ₂ %	pH	PO ₄ P	NO ₃ N
				Total P.	
24.35				10	
24.52				8	
25.15				13	
25.23				11	
25.46				10	
25.67				15	
25.88				20	
26.10				27	

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
27. Onshore and oceanic hydrological investigations in eastern and south-western Australia, 1955