OCEANOGRAPHICAL STATION LIST

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

Volume 29

Estuarine Hydrological Investigations in Eastern and South-western Australia, 1955

Compiled by R. S. Spencer

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION, AUSTRALIA
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ESTUARINE HYDROLOGICAL INVESTIGATIONS IN EASTERN AND SOUTH-WESTERN AUSTRALIA, 1955

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I. INTRODUCTION

The hydrological data contained in this volume were collected at Lake Macquarie, Botany Bay–Georges River, Port Hacking (New South Wales), D'Entrecasteaux Channel, Pittwater (Tasmania), and Swan River and Peel–Harvey Inlet (Western Australia).

The records of 24-hour surveys at Shell Point (Georges River) and Swan River are also included.

II. METHODS

Methods of collection and analysis are those given by Rochford (1951).

III. TIDAL CORRECTIONS

The data in this volume have not been corrected to a constant tidal phase.

IV. UNITS

Units are those given by Rochford (1951). All depths are expressed in metres, unless otherwise stated.

V. LOCATION OF STATIONS

The locations are the same as those given in previous volumes.

VI. PERSONNEL

The laboratory analyses have been the responsibility of Messrs. A. Middleton and C. Walker, and the hydrology staff at Cronulla (N.S.W.), Perth, and Hobart. Field collections were carried out by Messrs. C. Brown, C. Heath, K. Champion, and C. Wirrell. Misses O. Jacobsen and E. Mayman and Mrs. H. Heginbotham were responsible for the processing of the data, and Mrs. S. Hay for the preparation of the typed sheets.

VII. REFERENCE

ROCHFORD, D. J. (1951).—Studies in Australian estuarine hydrology. I. Introductory and comparative features. *Aust. J. Mar. Freshw. Res.* **2**: 1–116.

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
10.i	1A	0		9.78				0	15
13.i	1A	0		15.23				3	0
17-	L.25	0	24.80	19.16	4.76	96	8.04	4-12-0	15
18.i	A.1	0	24.80	19.35	4.71	95	8.04	4-2-0	10
		6	24.80	19.35	4.35	88	8.05	7-0-15	5
	P.22	0	24.70	19.30	4.73	95	8.03	6-1-6	10
		8	23.80	19.48	4.45	89	8.03	11-0-33	15
	B.2	0	24.30	19.33	4.85	97	7.90	9-0-0	15
		11	23.20	19.58	3.57	70	7.98	25-0-0	30
	W.19	0	23.80	19.53	5.32	106	8.19	6-5-18	30
	S.18	0	23.60	19.48	4.96	98	8.12	3-17-0	0
		10	22.40	19.53	4.40	86	8.13	12-0-0	20
	V.17	0	23.80	19.48	5.06	101	8.17	6-0-0	15
		5	23.70	19.48	5.12	102	8.16	6-0-0	15
	C.3	0	23.40	19.43	4.85	96	8.10	2-2-5	20
		9	23.20	19.48	3.75	74	8.08	17-0-0	90
	D.2	0	23.60	19.43	4.83	96	8.10	7-0-0	45
		8	23.60	19.48	4.73	94	8.10	12-0-0	45
	N.8	0	23.80	19.35	4.67	93	8.14	11-2-13	5
		5	23.50	19.43	4.67	92	8.09	4-5-8	0
	M.7	0	24.40	19.43	5.12	103	8.25	4-5-3	20
		5	24.40	19.43	5.17	104	8.19	3-4-0	5
	L.5	0	25.30	18.40	11.82	239	8.33	15-0-3	20
	1	0	30.60	15.87	3.28	70	7.89	17-8-8	40
		3	27.30	17.79	0	0	6.92	3-51-0	0
	1A	0	30.70	15.83	3.57	76	7.43	11-10-0	10
		2	28.60	16.56	1.92	40	7.34	15-0-0	5
	3	0	29.90	16.32	4.49	95	7.45	8-8-0	0
		6	25.60	17.98	0	0	7.30	20-17-4	40
	5	0	28.10	16.86	4.10	85	7.45	5-3-17	10
		4	27.30	17.89	0.80	17	7.34	9-0-2	0

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
17-	7	0	28.00	17.20	4.23	88	7.50	0-9-1	0
18.i		6	25.50	18.81	2.88	59	7.64	9-0-0	45
	8	0	27.40	17.71	4.47	93	7.73	7-1-10	0
	10	0	26.80	18.45	4.70	97	7.80	2-0-5	0
20.i	1A	0		15.32				24	15
7.ii	1A	0		4.16				0	290
10.ii	1A	0		8.47				33	95
14-	A.1	0	26.10	18.87	4.54	93	7.98	0-35-0	15
16.ii		6	25.60	19.31	3.78	77	8.00	2-11-0	15
	P.22	0	25.80	19.21	4.66	96	8.05	0-19-13	15
		8	25.20	19.31	3.81	78	8.04	7-0-16	15
	B.2	0	26.00	19.31	4.86	100	8.09	2-20-1	15
		10	24.30	19.51	3.89	78	8.10	16-5-18	70
	W.19	0	25.80	19.26	5.03	103	8.13	0-5-20	15
	V.17	0	26.20	19.46	4.68	97	8.10	2-9-12	15
		5	26.20	19.41	5.02	104	8.09	3-6-24	20
	C.3	0	24.60	19.07	4.66	94	8.09	0-5-25	30
		10	25.40	19.51	3.35	69	8.06	7-0-29	40
	D.2	0	24.90	18.94	4.38	88	7.91	4-1-36	40
		8	25.20	19.16	3.79	77	8.03	2-8-16	35
	L.5	0	22.80	3.39	3.43	57	7.82	0-11-3	260
	1	0	30.80	11.94	0.63	13	7.93	15-10-24	10
		2	28.80	15.32	0	0	7.38	0-53-28	25
	1A	0	30.70	10.99	1.30	26	7.43	3-76-122	65
	3	0	30.00	11.99	2.33	47	7.32	12-0-54	15
		6	25.70	17.99	0	0	7.09	190-0-0	50
	5	0	30.00	13.88	2.93	61	7.29	5-7-13	10
		5	28.00	17.39	0.85	18	7.26	2-15-0	190

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14-	7	0	27.50	11.84	4.30	84	7.50	0-12-7	15
16.ii		7	25.80	16.95	2.11	42	7.36	0-13-5	55
	10	0	27.70	15.22	4.17	85	7.60	0-12-0	10
		2	26.70	19.12	3.73	78	7.76	0-10-5	15
17.ii	1A	0		0.46				119	230
23.ii	1A	0		0.67				15	190
3.iii	1A	0		0.41				36	20
10.iii	1A	0		0.21				5	10
17.iii	1A	0		0.36				17	15
21-	L.25	0	26.20	11.04	5.39	102	7.65	3-27-0	5
23.iii	A.1	0	25.80	12.74	4.94	94	7.78	4-17-14	5
		6	24.30	14.04	3.04	57	7.73	2-11-8	5
	P.22	0	25.60	11.74	5.22	98	7.82	4-6-21	5
		9	23.80	17.06	1.56	30	7.59	8-0-0	40
	B.2	0	25.20	10.84	5.00	93	7.83	3-18-21	10
		8	23.70	17.16	1.51	29	7.66	17-0-10	15
	W.19	0	23.55	17.85	4.77	93	8.33	7-21-0	10
	S.18	0	24.50	13.04	4.82	90	7.86	3-4-7	10
		10	23.50	17.50	1.70	33	7.70	18-0-7	20
	V.17	0	24.00	12.49	4.92	91	8.34	5-14-0	25
		5	23.80	13.14	4.97	92	8.24	3-42-0	5
	C.3	0	26.20	8.48	5.22	96	7.96	1-23-13	10
		10	23.60	17.16	2.33	45	7.71	12-0-9	20
	D.2	0	25.50	6.55	5.48	98	7.83	1-89-0	10
		8	23.60	16.71	1.83	35	7.55	15-2-13	15
	N.8	0	25.80	4.87	6.55	115	6.95	3-53-0	5
		5	23.60	16.17	0.88	17	7.29	2-5-30	30

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
21–23.iii	M.7	0	26.00	3.24	4.22	73	7.32	59–20–3	190
	L.5	0	23.40	0.77	2.66	43		59	400
	1	0	20.20	0.21	4.42	67	7.09	6–17–5	50
		2	19.80	0.21	4.48	68	6.94	5–34–2	50
	1A	0	20.60	0.21	0	0	7.17	6–31–12	15
	3	0	21.60	0.21	2.49	39	7.05	2–25–10	10
		6	19.70	0.31	3.38	51	6.91	6–16–23	20
	5	2	22.30	0.21	2.93	46	6.89	3–19–18	60
		6	19.90	0.41	3.25	49	6.77	6–33–0	45
	7	0	22.60	0.21	2.98	47	6.95	5–10–17	35
		7	21.80	7.46	2.28	39	6.81	7–26–2	10
	8	0	22.30	0.26	2.79	44	7.43	4–17–18	25
	10	1	25.50	0.31	3.40	57	6.63	3–14–6	10
14.iv	1A	0		0.41				4	110
18–20.iv	L.25	0	21.20	12.94	5.02	89		5–14–5	5
	A.1	0	21.50	13.73	4.90	88		5–39–0	10
		6	22.30	14.08	4.33	79	7.85	2–9–3	5
	P.22	0	21.70	14.18	4.90	89	7.91	5–19–4	5
		9	23.40	16.55	0.52	10		50–0–28	10
	B.2	0	22.10	14.28	4.49	82	7.86	3–24–0	5
		12	22.60	17.38	1.56	30	7.80	22–0–16	140
	W.19	0	21.90	16.74	4.76	89	8.01	2–10–6	10
	S.18	0	21.90	14.52	4.69	86	7.95	3–6–11	5
		11	22.10	17.24	2.51	47	7.89	18–16–4	100
	V.17	0	22.00	14.03	5.00	91	8.09	2–15–0	5
		5	22.00	13.98	5.47	100	8.06	2–8–0	5

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
18–20.iv	C.3	0	21.05	14.57	4.54	82	7.97	4-12-0	20
		9	22.30	17.38	1.41	27	7.85	25-0-16	130
	D.2	0	22.20	13.93	5.10	93	7.91	15-14-0	10
		8	22.80	16.99	0.89	17		37-0-4	190
	N.8	0	22.60	14.82	4.03	75	7.75	9-19-1	35
		5	22.60	16.60	2.03	38	7.73	14-0-0	120
	M.7	0	23.10	15.36	2.99	56	7.65	19-7-16	110
	L.5	0	23.50	11.35	3.36	61		44-0-12	230
	1	0	18.80	1.85	4.63	70		14-0-14	95
		3	22.70	11.84	0.14	3		20-0-10	30
	1A	0	20.80	2.21	4.16	66		8-2-9	70
	3	0	19.50	1.28	3.83	58		21-0-7	80
		6	23.40	12.84	0.11	2	7.10	34	15
	5	0	19.60	2.00	3.39	52		30-2-0	120
		6	23.40	12.84	1.00	18	7.70	13-0-0	10
	7	0	19.40	0.87	3.89	59		26-5-0	110
		7	23.40	12.99	0.69	13	7.20	16-24-0	40
	8	0	20.10	1.28	3.95	61		21-0-0	70
	10	0	21.60	7.69	3.67	62	7.26	7-11-2	35
5.v	1A	0		0.36				9	80
12.v	1A	0		2.20				18	180
16–17.v	L.25	0	16.80	12.85	5.94	98	7.70	19 *	10
	A.1	0	16.55	14.33	5.79	96	7.88	18 *	5
		6	19.70	14.78	5.01	88	7.90	22 *	5
	P.22	0	16.90	14.28	6.13	103	8.00	14 *	50
		9	19.90	16.84	2.15	39	7.91	34 *	65
	B.2	0	17.10	14.38	6.00	101	8.09	17 *	30
		11	18.00	16.64	3.92	69	7.99	14 *	10
								*Total P	

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
16–	W.19	0	17.20	14.43	6.31	106	8.09	24 *	10
17.v	S.18	0	16.90	14.58	6.33	106	8.13	21 *	10
		10	18.30	17.18	4.88	86	8.08	21 *	10
	V.17	0	17.10	14.43	6.27	105	8.17	24 *	140
	C.3	0	17.15	14.23	6.20	104	8.10	31 *	0
		9	19.15	17.48			8.03	34 *	25
	D.2	0	17.00	14.33	6.27	105	8.14	19 *	0
		8	19.80	16.99	2.57	47	7.94	39 *	60
	N.8	0	17.00	14.48	6.00	101	8.14	19 *	5
		5	18.75	15.81	3.92	69	8.01	13 *	10
	M.7	0	17.80	14.92	5.73	98	8.14	35 *	5
	L.5	0	19.35	13.15	6.17	106	7.83	53 *	95
	1	0	16.00	6.10	4.37	66	7.79	26 *	25
		2	19.90	13.99	1.15	20	7.41	16 *	5
	1A	0	19.40	8.01	4.24	69	7.44	36 *	35
	3	0	19.40	8.57	3.74	61	7.40	26 *	15
		7	20.20	14.53	0.53	9	7.20	17 *	15
	5	0	19.90	9.02	3.57	59	7.25	31 *	25
		6	24.50	13.99	2.75	52	7.14	34 *	10
	7	0	19.65	11.21	4.42	75	7.34	29 *	20
		8	20.35	14.78	1.80	32	7.28	17 *	50
	8	0	15.35	3.47	5.85	84	7.70	9 *	60
	10	0	15.05	6.96	5.89	88	7.47	14 *	25
29.v	1A	0		0.21				25	170
2.vi	1A	0		2.76				0	40
9.vi	1A	0		2.87				2	100
14–	L.25	0	14.90	13.41	6.10	97	8.24	3–0–4	20
16.vi	A.1	0	14.70	14.35	3.38	54	8.20	2–30–0	10
		5	15.20	15.09	5.04	82	8.17	2–3–2	30
	P.22	0	14.55	14.50	6.31	101	8.24	2–18–13	0
		7	16.90	17.10	3.24	56	8.12	11–4–4	15
	B.2	0	14.80	14.54	6.17	101	8.20	4–13–6	10
		8	16.80	17.10	4.57	79	8.17	10–3–7	5
	W.19	0	14.90	14.74	6.17	100	8.02	6–1–20	5
								* Total P	

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14-16.vi	S.18	0	14.80	14.94	6.17	100	8.19	2-23-2	10
		10	16.80	17.35	4.38	76	8.15	14-0-12	15
	V.17	0	14.70	14.84	6.17	100	7.68	2-3-0	5
		5	14.70	14.69	6.10	99	7.89	3	5
	C.3	0	15.20	14.74	6.37	104	8.19	3-10-6	5
		9	16.40	16.81	4.44	65	8.15	9-18-6	10
	D.2	0	15.15	14.99	6.04	99	8.13	2-13-2	30
		7	15.30	15.53	5.49	90	8.12	4-19-0	5
	N.8	0	15.40	15.09	6.04	99	7.74	13-4-6	60
		4	15.40	15.14	5.83	96	7.81	2-12-0	50
	M.7	0	16.00	14.84	4.97	82	7.35	12-1-6	30
	L.5	0	17.65	11.07	5.18	85	6.75	34-0-40	70
	1	0	14.90	1.03	5.98	82	7.73	12-0-0	90
		1	17.20	14.20	0.24	4	8.13	12-0-2	10
	1A	0	14.70	6.66			7.24	234-6-67	15
	3	0	16.50	4.13	5.34	79	8.00	3-4-8	60
		6	17.00	14.69	1.34	23	7.51	5-0-2	25
	5	0	15.60	3.07	5.29	76	8.18	3-10-4	50
		5	16.90	14.64	1.87	31	7.62	9-0-0	25
	7	0	14.80	4.59	4.97	72	8.13	6-4-0	45
		6	16.50	14.54	2.64	44	7.77	8-0-0	10
	8	0	15.25	7.87	4.13	62	8.05	4-4-10	40
	10	0	14.85	8.17	4.57	69	8.22	1-14-5	30
16.vi	1A	0		6.31				0	0
23.vi	1A	0		1.79				10	65
5.vii	P.22	0		15.73				21 *	
	B.2	0	12.55	15.68				36 *	
		2	13.20	15.73				18 *	
		4	13.15	15.68				14 *	
		6	14.15	15.97				19 *	
		8	15.60	15.92				13 *	
		10	16.30	17.10				36 *	
								* Total P	

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
5.vii	S.18	0		15.33				28 *	
	V.17	0		18.28				17 *	
	C.3	0		15.83				22 *	
14.vii	1A	0						58	5
18.vii	P.22	0		16.13				24 *	
	B.2	0	13.55	16.13				17 *	
		2	13.10	16.13				21 *	
		4	13.30	16.13				16 *	
		6	14.20	16.25				19 *	
		8	15.50	16.73				23 *	
		10	16.00	18.20				20 *	
	S.18	0		16.25				19 *	
	C.3	0		16.27				28 *	
18-19.vii	L.25	0	12.80	15.14	6.03	95	8.02	6-1-3	5
	A.1	0	12.80	15.83	5.96	94	8.01	5-14-0	5
		6	15.00	16.87	4.37	73	8.01	9-8-10	0
	P.22	0	13.10	16.92	6.03	97	8.06	4-17-0	5
		8	15.10	17.36	4.76	80	8.10	11-4-10	10
	B.2	0	13.00	16.28	5.93	94	8.19	5-18	5
		11	15.70	18.20	4.76	82	8.17	14-19-3	30
	W.19	0	13.50	16.42	6.18	100	8.29	4-8-1	5
	S.18	0	13.10	16.28	5.79	92	8.24	5-7-0	15
		10	14.20	17.86	5.48	91	8.24	25-0-0	30
	V.17	0	12.80	16.28	6.33	101	8.28	9-3	0
		5	13.00	16.47	6.22	99	8.25	7-38-0	5
	C.3	0	12.90	16.33	5.96	95	8.26	4-5-0	10
		10	15.50	18.30	5.15	88	8.24	11-3-8	20
	D.2	0	13.00	16.52	6.13	98	8.24	5-5-14	0
		8	15.60	17.81	4.25	72	8.18	11-10-3	5
	N.8	0	12.90	16.52	6.13	98	8.33	7-7-2	0
		5	12.80	16.47	6.03	96	8.34	6-8-0	15
	M.7	0	13.20	16.03	6.26	100	8.27	8-5-0	0
	L.5	0	14.70	10.24	5.33	82	6.97	29-5-0	500

* Total P

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
18-									
19.vii	1	0	13.30	8.78	3.21	47	7.00	16-3-0	110
	1A	0	17.30	8.78	4.37	69	6.98	13-1-24	15
	3	0	17.80	9.59	3.96	64	7.00	9-17-0	25
		7	17.30	15.78	1.52	26	7.00	9-10-0	0
	5	0	17.70	9.74	3.48	56	7.20	5-7-4	30
		5	16.00	15.58	4.76	80	7.57	7-15-0	0
	7	0	15.70	7.52	5.27	80	7.86	11-4-0	55
		7	14.85	12.70	5.20	82	7.90	7-12-0	5
	8	0	15.30		4.52		7.98	6-2-6	10
	10	0	12.90	12.25	5.73	87	8.00	3-6-1	5
27.vii	B.2	0		16.42				5	
		10		17.61				6	0
28.vii	1A	0		13.20				13	10
1.viii	B.2	2	13.15	16.55	6.22	100	8.17	0-17-4	15
		4	13.30	16.60	6.17	99	8.14	0-15-20	5
		6	14.80	16.78	6.03	100	8.14	2-12-3	5
		8	15.60	17.32	5.88	99	8.10	0-14-5	10
		10	15.70	17.42	5.63	95	8.12	3-11-3	5
4.viii	1A	0		13.20				29	
15-	L.25	0	13.40	17.25	6.18	100	8.06	8-15-9	10
17.viii	A.1	0	13.15	17.87	6.09	99	8.13	7-35-7	5
		5	13.60	17.56	5.76	94	8.14	22-3-17	10
	P.22	0	13.20	17.34	6.02	97	8.16	8-12-5	20
		8	13.20	17.90	6.74	110	8.16	5-27-2	5
	B.2	0	13.30	17.90	6.03	99	8.16	5-17-6	5
		10	14.60	18.13	5.45	91	8.15	8-10-10	10
	W.19	0	15.40	19.53	5.93	102	8.21	16-18-0	15

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
15-17.viii	S.18	0	13.65	17.63	6.06	99	8.17	17-8-0	10
		10	13.40	17.86	6.03	99	8.17	10-43-0	10
	V.17	0	14.80	19.26	6.06	103	8.15	14-9-0	15
		5	15.40	19.57	6.06	105	8.20	14-14-4	15
	C.3	0	13.30	17.78	5.96	97	8.18	9-23-3	5
		9	13.75	17.85	6.00	99	8.18	7-29-8	15
	D.2	0	13.40	17.78	6.06	99	8.15	5-29-0	0
		8	14.20	18.37	5.76	96	8.14	12-11-12	5
	N.8	0	13.70	17.81	6.06	100	8.13	7-23-5	0
		4	13.30	17.80	6.06	99	8.13	11-24-16	0
	M.7	0	13.50	17.69	6.02	99	8.13	8-34-0	0
	L.5	0	14.80	16.92	6.16	102	8.10	10-39-11	0
	1	0	16.90	12.42	2.02	33	7.82	7-25-0	5
		2	16.70	15.83	3.09	52	7.82	8-24-0	5
	1A	0	16.30	12.66	3.55	58	7.76	9-23-3	15
	3	0	17.15	14.69	3.83	65	7.74	8-21-2	10
		6	15.40	16.20	4.84	81	7.85	8-34-0	5
	5	0	15.25	15.09	4.30	70	7.84	10-22-4	5
		5	15.40	16.11	5.12	85	7.86	9-18-2	10
	7	0	13.90	14.35	5.23	83	7.88	12-11-5	10
		8	15.20	16.69	5.92	99	7.92	13-8-11	5
	8	0	14.25	15.73	5.71	93	7.96	7-25-1	0
	10	0	13.25	16.07	5.96	95	8.00	4-19-0	10
17.viii	B.2	0	13.00	17.31	6.18	100	8.25	10-3-4	0
		2	13.10	17.43	6.18	100	8.22	8-7-8	0
		4	13.20	17.50	6.06	98	8.22	8-7-2	5
		6	13.60	17.62	6.06	99	8.16	6-12-1	0
		8	13.90	17.88	6.03	100	8.15	9-6-4	5
		10	13.90	18.06	5.79	96	8.17	10-9-1	5
21.viii	1A	0		11.49				5	210

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
29.viii	B.2	0	15.20	17.50	6.19	104	8.18	3-9-3	0
		2	14.40	17.49	6.06	101	8.20	3-18-0	0
		4	14.60	17.80	6.06	101	8.20	7-10-0	0
		6	14.65	18.02	5.99	101	8.18	8-11-0	0
		8	15.00	17.95	4.13	70	8.15	6-11-4	10
		10	15.60	18.64	5.88	101	8.15	11-19-3	25
1.ix	1A	0						108	0
8.ix	1A	0		15.11				70	0
15.ix	1A	0		8.79				48	0
19-20.ix	L.25	0	18.20	17.25	5.74	101	7.64	4-136-21	0
	A.1	0	18.05	17.39	5.81	102	8.02	4-24-0	0
		5	16.80	17.96	5.74	100	8.05	5-18-0	0
	P.22	0	18.10	17.44	5.81	103	8.08	3-21-1	5
		7	16.80	18.31	5.58	98	8.09	7-12-0	0
	B.2	0	17.60	17.06	5.76	101	8.09	7-13-1	5
		2	17.30	17.52	5.82	102	8.09	3-19-3	0
		4	17.00	17.82	5.82	101	8.15	3-20-0	0
		6	16.90	18.14	5.76	101	8.15	2-18-3	5
		8	16.80	18.21	5.81	101	8.15	2-16-3	0
		11	16.80	18.42	5.74	100	8.15	12-14-7	0
	W.19	0	17.20	19.39	6.41	114	8.17	13-21-1	10
	S.18	0	17.60	17.90	5.81	102	8.14	2-18-5	0
		10	17.00	18.92	4.75	84	8.10	32-6-57	260
	V.17	0	17.90	18.34	6.41	114	8.00	4-15-10	5
		5	17.90	18.35	6.41	114	8.16	12-13-2	5
	C.3	0	16.90	18.12	5.81	101	8.09	4-19-2	0
		9	16.80	18.55	5.65	99	8.11	14-5-8	0

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
19–	D.2	0	17.10	18.09	5.76	101	8.05	5-13-3	0
20.ix		7	16.80	18.15	5.58	97	8.07	9-7-2	0
	N.8	0	17.20	18.07	5.81	102	7.91	4-21-7	0
		4	16.60	18.05	5.42	94	8.00	4-19-4	0
	M.7	0	16.80	17.27	6.02	104	7.90	7-14-3	20
	L.5	0	18.70	15.56	6.64	116	6.67	37-0-2	260
	1	0	18.70	4.19	4.20	65	8.47	19-1-14	45
		2	19.80	16.01	0.12	2	7.69	15-18-9	0
	1A	0	19.90	7.28	2.38	39	7.87	18-51-29	5
	3	0	19.90	9.13	1.63	27	7.66	26-13-15	15
		6	19.00	16.42	1.23	22	7.47	18-17-12	15
	5	0	20.20	9.39	3.23	54	7.85	13-17-16	35
		4	18.95	16.45	3.96	70	7.66	13-8-23	25
	7	0	20.00	6.92	4.34	71	7.80	13-12-10	25
		8	18.80	16.70	4.34	77	7.51	15	260
	8	0	20.00	9.18	4.52	75	7.66	7-25-16	15
	10	0	17.80	12.38	5.46	91	7.66	4-21-9	15
29.ix	1A	0						31	0
4.x	B.2	0	18.20		5.73		8.18	4-18-2	0
		2	18.25		5.73		8.19	2-16-0	0
		4	18.10		5.73		8.20	2-16-0	0
		6	17.90		5.55		8.17	5-16-4	0
		8	17.60		5.35		8.16	9-18-59	0
		10	17.50		5.42		8.14	9-10-12	0
13.x	1A	0						13	0

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
17-	L.25	0	20.70	18.20	4.90	91	8.16	3-16-2	0
18.x	A.1	0	20.40	18.26	3.79	70	8.17	4-14-0	0
		6	19.70	18.12	4.33	80	8.19	5-14-4	5
	P.22	0	20.40	18.32	5.18	96	8.19	3-22-4	5
		8	19.25	18.43	5.60	102	8.18	10-13-27	5
	B.2	0	20.30	18.34	5.12	95	8.19	7-7-7	5
		2	20.10	18.35	5.18	96	8.17	4-13-1	5
		4	19.85	18.61	5.18	96	8.18	2-14-0	5
		6	19.70	18.64	5.12	94	8.21	2-28-1	5
		8	19.65	18.61	4.95	91	8.16	3-12-6	5
		10	19.25	18.61	5.30	97	8.18	3-12-8	5
	W.19	0	19.90	18.62	5.42	100	8.19	4-11-6	5
	S.18	0	20.10	18.54	5.12	95	8.17	4-9-2	5
		11	18.95	18.96	5.02	92	8.19	9-9-3	5
	V.17	0	20.00	18.56	5.82	108	8.21	3-20-1	5
	C.3	0	20.10	18.61	4.83	90	8.17	4-11-3	5
		10	18.85	18.70	5.30	97	8.19	6-10-1	0
	D.2	0	20.20	18.60	4.95	92	8.15	5-12-28	5
		8	19.25	18.78	5.07	93	8.16	8-11-18	0
	N.8	0	20.75	18.61	5.23	98	8.12	6-18-0	0
		5	20.50	18.48	3.95	74	8.09	10-24-102	55
	M.7	0	21.80	18.57	5.76	110	8.05	10-13-7	5
	L.5	0	23.70	17.62	4.90	96	3.76	47- 0	340
	1	0	25.10	13.85	1.77	34	7.24	12-27-18	5
		2	24.75	15.15	1.04	20	7.29	16-24-23	5
	1A	0	26.00	16.01	1.70	34	7.16	5-47-5	10
	3	0	24.75	16.01	3.50	68	7.59	9-18-8	5
		7	22.65	15.23	2.91	54		10-10-8	10
	5	0	22.80	14.54	3.79	70	7.68	11-9-4	5
		5	23.10	15.33			7.86	6-9-10	5
	7	0	22.50	15.03	4.48	83	7.89	5-21-1	0
		9	22.35	15.52	3.83	71	7.93	4-11-8	10
	8	0	22.15	15.23	5.02	93	7.97	6-15-6	0

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
17-	10	0	21.45	15.43	4.38	80	8.14	4-17-0	0
18.x		3	21.35	16.21	4.43	82	8.18	4-16-11	0
1.xi	B.2	0	21.10	18.60	5.05	95	8.13	3-11-4	0
		2	20.95	18.57	5.05	95	8.17	3-9-6	0
		4	20.85	18.65	5.08	95	8.17	3-12-3	0
		6	20.85	18.70	5.05	95	8.17	3-15-7	0
		8	20.55	18.74	5.12	96	8.15	3-12-3	0
		10	19.60	18.83	4.91	91	8.16	7-13-2	0
	V.17	0	20.60	18.79			8.18	7-10-1	0
16-	L.25	0	23.20	18.81	4.86	95	8.14	5-0-2	0
17.xi	A.1	0	23.30	18.84	4.97	98	8.16	3-3-0	0
		6	22.65	18.90	4.86	94	8.16	5-7-4	0
	P.22	0	22.70	18.88	5.07	98	8.17	0-13-6	0
		8	21.25	19.58	5.12	98	8.16	5-1-8	0
	B.2	0	22.90	18.95	5.12	100	8.18	2-12-4	0
		9	21.55	19.16	5.18	100	8.17	8-0-0	0
	W.19	0	19.10	19.53	5.45	101	8.17	9-1-8	0
	S.18	0	22.40	19.02	5.32	103	8.19	8-0-0	0
		11	20.35	19.46	5.32	100	8.17	10-0-10	0
	V.17	0	19.20	18.91	5.61	103	8.20	8-0-5	0
		5	19.10	19.67	5.50	102	8.19	9-0-3	0
	C.3	0	22.30	19.10	5.38	104	8.13	2-33-4	0
		9	20.30	19.22	5.12	96	8.14	6-0-20	0
	D.2	0	22.60	19.23	5.07	99	8.10	3-2-1	0
		8	22.00	19.20	5.32	99	8.13	10-0-5	0
	N.8	0	22.60	19.27	5.02	98	8.09	2-4-10	0
		5	22.65	19.31	4.10	80	8.05	8-0-73	0
	M.7	0	22.60	19.27	5.07	99	8.08	3-0-3	0
	1	0	26.30	13.78	2.43	47	7.43	10-3-0	0
		2	25.60	16.44	0.97	19	7.19	6-20-1	0
	1A	0	26.30	13.85	2.03	40	7.30	8-25-0	5
	3	0	25.20	14.77	1.80	35	7.13	12-0-0	5
		6	25.25	17.25	2.73	54	7.54	3-3-7	0
	5	0	24.90	15.39	2.67	52	7.36	8-0-0	0
		6	25.30	17.16			7.31		

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
16–17.xi	7	0	24.85	16.58	4.16	82	7.65	4-4-19	0
		9	25.50	17.99	3.63	73	7.87	3-3-4	0
	8	0	25.20	16.88	4.35	86	7.78	3-2-7	0
	10	0	24.90	18.02	4.35	87	7.97	3-2-7	0
24.xi	1A	0						16	
1.xii	1A	0		2.40				5	400
6.xii	L.25	0	22.60	18.01	5.01	96	8.17	4-12-2	0
	A.1	0	22.20	18.16	4.89	93	8.19	7-18-7	5
		6	21.80	18.26	4.66	88	8.14	7-8-2	20
	P.22	0	22.45	18.26	4.72	91	8.17	3-16-0	25
		8	21.40	18.31	4.54	86	8.15	9-6-25	100
	B.2	0	22.20	18.26	4.78	91	8.17	4-7-0	30
		10	20.75	18.60	4.66	87	8.15	5-12-0	30
	W.19	0	18.70	19.09	5.16	94	8.27	6-4-5	
	S.18	0	21.85	18.55	4.95	94	8.17	7-15-0	0
		10	20.35	18.75	4.78	89	8.18	5-18-0	0
	V.17	0	22.20	18.75	5.48	105	8.29	4-20-11	0
		5	22.20	18.75	5.43	104	8.24	4-19-6	20
	C.3	0	21.80	18.55	4.95	94	8.19	8-7-3	30
		10	20.65	18.60	4.66	87	8.18	7-21-17	10
	D.2	0	21.85	18.65	4.66	89	8.18	6-34-0	0
		8	21.10	18.65	4.89	92	8.20	6-17-0	0
	N.8	0	21.85	18.70	4.78	91	8.19	4-21-6	0
		5	21.60	18.70	4.60	87	8.18	5-6-2	
	M.7	0	22.55	18.65	4.95	96	8.17	5-10-2	10
	L.5	0	25.60	16.15	7.61	150	8.60	4-38-15	170
	1	0	22.00	5.24	2.93	49	7.23	7-16-16	35
		3	23.30	14.92	1.02	19	7.28	15-8-14	0
	1A	0	24.40	9.87	2.31	42	7.19	16-19-30	20

Location: LAKE MACQUARIE

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
6.xii	3	0	23.35	13.15	3.17	58	7.49	10-12-11	5
		7	22.95	16.64	0	0	7.49	24-0-47	300
	5	0	23.30	11.01	3.69	66	7.48	7-10-16	30
		6	23.60	16.45	1.28	25	7.54	14-3-38	430
	7	0	22.15	12.20	4.54	81	7.73	4-17-0	45
		8	22.70	16.64	3.33	63	7.98	7-10-56	220
	8	0	22.55	13.69	4.38	80	7.98	3-22-8	5
	10	0	21.40	14.09	4.89	88	8.05	3-19-28	5
8.xii	1A	0		8.36				11	45
22.xii	1A	0						12	250

Location: BOTANY BAY - GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
1-	1	S	21.60	19.20	5.50	105	8.23	2-1	20
2.ii		D	19.80	19.50	5.17	96	8.15	2-5	15
	2	S	23.40	18.77	5.17	101	8.11	2	10
		D	23.30	18.77	5.12	100	8.11	3	10
	3	S	20.60	19.40	5.50	104	8.13	2-4	10
		D	20.60	19.50	5.55	105	8.13	2-6	15
	4	S	24.00	18.77	5.12	101	8.08	2-7	10
		D	23.70	18.72	5.17	102	8.06	2-7	10
	5	S	23.90	18.67	5.17	102	8.06	2	15
		D	23.80	18.67	5.31	105	8.05	2	15
	6	S	24.30	18.33	4.67	92	8.05	5	10
		D	24.20	18.33	4.62	91	7.96	4	10
	7	S	24.40	18.28	5.17	103	8.10	7	10
		D	24.40	18.23	4.99	99	8.10	3	15
	8	S	24.90	17.45	5.28	105	8.03	1	15
		D	24.40	17.98	4.85	96	8.10	3	20
	10	S	26.40	12.91	5.38	104		2-2	200
		D	26.35	13.01	5.37	104	6.76	2-0	180
	12	S	26.60	7.52	4.80	88	7.06	2-0	260
		D	26.60	8.07	5.07	94	7.13	2-0	290
	16	S	26.90	2.40	3.57	131	7.12	19-0	330
		D	26.80	2.35	3.73	136	7.02	22-0	320
28.ii-									
3.iii	1	S	24.00	14.76	5.79	110	8.19	1-28	130
		D	22.00	19.43	4.77	92	8.12	4-11	30
	2	S	23.60	14.96	5.87	111	8.12	3	110
		D	22.80	19.23	4.23	83	8.06	11	20
	3	S	24.70	14.81	6.38	122	8.16	1	100
		D	22.00	19.23	4.45	86	8.09	11	60
	4	S	24.40	15.01	5.94	114	8.14	1-40	95
		D	21.60	18.55	3.28	62	8.00	26-3	35
	5	S	24.60	14.81	7.40	141	8.11	2	60
		D	21.60	18.45	3.72	71	8.04	2	35
	6	S	24.40	13.77	5.37	101	8.05	3	120
		D	22.40	17.32	4.68	89	8.02	3	100
	7	S	25.10	12.78	6.39	121	8.04	4-41	160
		D	24.40	12.83	5.60	105	8.12	6-37	150
	8	S	25.10	11.84	5.73	107	8.11	5	190
		D	23.60	14.52	4.49	84	7.99	15	140

Location: BOTANY BAY - GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
28.ii-	10	S	22.00	1.75	3.41	54	7.31	55-16	270
3.iii		D	22.00	1.70	3.51	56		46-10	250
	12	S	21.80	0.31	2.85	45	7.47	118	260
		D	21.80	0.31	2.87	45	7.09	97	290
	16	S	21.70	0.21	3.19	50	7.09	73	230
		D	21.70	0.21	3.25	51	7.04	74	290
6.iv	1	S	21.50	18.46	4.84	92	8.19	2-11	110
		D	20.50	19.44	4.38	82	8.17	11-0	110
	2	S	21.40	17.97	4.43	83	8.16	4-15	35
		D	21.90	18.95	3.98	76	8.12	8-2	20
	3	S	21.20	18.56	4.96	94	8.10	4	25
		D	21.60	18.80	4.81	91	8.14	5	25
	4	S	21.40	18.12	4.82	91	8.16	7-14	20
		D	21.60	18.31	4.49	85	8.14	3-14	15
	5	S	21.30	18.07	4.67	88	8.16	2	15
		D	21.50	18.22	4.52	85	8.15	4	10
	6	S	21.30	18.02	4.27	80	8.14	7	20
		D	21.40	17.97	4.27	80	8.13	3	25
	7	S	21.40	17.53	4.47	84	8.09	10-11	15
		D	21.50	17.53	4.47	84	8.09	6-28	40
	8	S	21.70	17.04	4.20	72	8.12	3-15	15
		D	21.70	17.04	4.27	80	8.09	6-36	10
7.iv	10	S	21.40	12.44	4.66	82	7.99	5-15	65
		D	21.40	12.39	4.69	83	7.97	4-24	55
	12	S	22.20	4.70	3.73	62	7.62	20-16	720
		D	22.30	4.70	3.83	63	7.62	23-25	750
	16	S	22.00	0.62	3.06	48		73-17	770
		D	22.00	0.57	2.69	43		81-2	770
11.v	1	S	18.60	18.36	5.47	99	8.10	7-11	80
		D	19.40	19.62	5.20	96	8.13	3-10	20
	2	S	17.90	17.57	5.57	98	8.17	20*	95
		D	19.20	19.23	4.88	90	8.13	7-9	45
	3	S	18.40	18.40	5.53	99	8.18	5-14	65
		D	18.70	18.94	5.41	99	8.15	4-16	45
	4	S	17.80	17.43	5.32	93	8.16	14-18	110
		D	18.50	17.97	5.32	95	8.14	10-13	85
								* Total P	

Location: BOTANY BAY – GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
11.v	5	S	17.80	19.57	5.53	100	8.14	7-17	110
		D	18.20	17.67	5.41	96	8.14	7-17	80
	6	S	18.20	18.11	4.95	88	8.14	10-17	75
		D	18.50	18.50	4.95	89	8.14	10-11	80
	7	S	17.90	16.60	5.73	100	8.12	9-10	80
		D	18.00	16.84	5.42	95	8.12	9-11	90
	8	S	18.10	15.71	5.25	91	8.14	10-22	120
		D	17.90	17.23	4.54	80	8.09	13-11	110
12.v	10	S	17.60	10.71	5.27	86		14-12	190
		D	17.60	10.61	5.11	83		14-8	210
	12	S	16.80	0.46	3.71	53		60-13	290
		D	16.80	0.36	4.71	68		60-40	310
	16	S	16.80	1.59	4.20	61	7.49	34-35	290
		D	16.70	1.69	4.21	61	7.39	32-23	280
12.vii	1	S	17.10	19.58	4.99	89	8.15	8-7	30
		D	16.60	19.56	5.20	92	8.14	11-3	20
	2	S	12.80	18.74	6.21	101	8.19	3-9	70
		D	12.90	18.83	6.26	103	8.19	0-10	65
	3	S	14.80	19.36	6.03	103	8.14	0-7	5
		D	14.70	19.37	6.16	105	8.17	0-6	5
	4	S	11.60	18.56	6.46	103	8.20	2-12	30
		D	11.70	18.52	6.53	104	8.18	2-6	30
	5	S	11.20	18.51	6.26	99	8.20	3-7	10
		D	11.90	18.69	6.46	104	8.18	2-15	10
	6	S	11.60	18.39	6.09	97	8.18	2-15	10
		D	11.60	18.39	6.09	97	8.18	2-11	10
	7	S	11.50	18.11	6.16	98	8.18	3-5	10
		D	11.40	18.13	6.33	100	8.18	0-20	5
	8	S	11.30	17.86	6.18	97	8.18	7-9	10
		D	11.30	18.11	5.96	94	8.20	5-11	10
13.vii	10	S	11.00	10.13	6.64	95	8.22	3-9	55
		D	10.90	10.13	6.58	94	8.22	5-8	45
	12	S	10.90	9.58	6.88	97	8.21	4-8	310
		D	10.80	9.73	6.76	95	8.23	2-11	320
	16	S	10.80	1.90	5.27	68		21-2	600
		D	10.80	2.00	5.40	70		28-2	600

Location: BOTANY BAY - GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
17.viii	1	S	15.50	19.62	5.69	99	8.18	11	5
		D	15.00	19.60			8.18	10	0
	2	S	13.40	19.40	6.32	106	8.23	3-27	5
		D	13.40	19.42	6.28	105	8.27	2-35	5
	3	S	13.40	19.44	6.18	103	8.22	2	15
		D	13.40	19.44	6.18	103	8.23	5	10
	4	S	13.10	19.25	6.02	100	8.25	5-28	5
		D	13.00	19.28	6.00	99	8.26	9-24	5
	5	S	13.00	19.30	6.31	104	8.27	6-24	5
		D	13.00	19.30			8.28	7-16	5
	6	S	12.70	18.96	5.93	97	8.23	5-34	0
		D	12.70	18.95	5.93	97	8.22	9-24	0
	7	S	12.50	18.70	5.90	96	8.19	11-21	15
		D	12.50	18.75	5.90	96	8.19	11-21	5
	8	S	12.50	18.53	6.03	98	8.20	6-26	0
		D	12.40	18.60	5.96	97	8.19	9-26	180
18.viii	10	S	12.50	18.09	5.92	96	7.87	7	10
		D	12.50	18.08	5.99	97	7.95	9	10
	12	S	12.50	10.13	6.02	88	8.01	6	120
		D	12.40	10.13	6.25	92	7.99	9	120
	16	S	12.50	6.11	6.68	94	8.20	9	730
		D	12.40	6.16	6.61	93	8.07	6	680
14.ix	1	S	15.60	19.47	5.78	100	8.08	7	15
		D	15.30	19.58	5.35	92	8.15	12	60
	2	S	16.30	19.28	6.18	108	8.19	4	0
		D	15.80	19.41	5.78	101	8.20	6	0
	3	S	15.80	19.57	5.72	100	8.17	8	0
		D	15.60	19.57	5.72	99	8.17	7	0
	4	S	16.50	19.13	6.13	108	8.16	4	0
		D	16.30	19.18	6.70	117	8.20	4	0
	5	S	17.00	19.21	6.70	119	8.22	4	0
		D	17.40	19.30	6.06	108	8.21	4	0
	6	S	17.00	19.28	5.72	101	8.15	9	0
		D	16.70	19.27	5.78	102	8.16	6	0
	7	S	17.00	19.12	5.78	102	8.12	7	0
		D	16.60	19.17	5.60	98	8.13	9	0
	8	S	17.00	18.84	5.78	102	8.15	9	0
		D	16.60	18.96	5.66	99	8.13	9	0

Location: BOTANY BAY – GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
15.ix	10	S	16.50	18.22	5.99	104	7.96	8–12	0
		D	16.60	18.17	5.82	101	8.09	5–17	0
	12	S	16.90	13.75	5.88	98	7.99	6–21	220
		D	16.70	13.94	5.82	97	8.02	6–22	250
	16	S	16.80	6.61	5.60	86	7.65	5–27	370
		D	16.40	6.63	5.55	85	7.80	3–15	370
11–13.x	1	S	15.90	19.37	6.07	106	8.20	4–21	0
		D	15.90	19.45	6.07	106	8.20	4–18	0
	2	S	16.80	19.38	5.94	105	8.19	5–18	0
		D	16.80	19.30	6.33	112	8.18	4–21	0
	3	S	15.70	19.36	6.39	111	8.20	6–16	0
		D	15.70	19.42	6.39	111	8.20	4–21	0
	4	S	17.20	19.39	5.73	102	8.13	5–33	0
		D	17.20	19.42	5.83	104	8.15	7–33	0
	5	S	17.10	19.42	5.88	105	8.17	4–23	0
		D	17.20	19.44	6.00	107	8.19	4–29	0
	6	S	17.30	19.33	5.42	97	8.13	9–18	0
		D	17.40	19.37	5.36	96	8.11	14–23	0
	7	S	17.50	19.39	5.13	92	8.11	10–18	10
		D	17.60	19.44	5.61	101	8.11	9–19	15
	8	S	18.00	19.23	5.13	92	8.07	11–19	0
		D	17.90	19.24	4.95	89	8.06	11–36	0
	10	S	18.60	18.16	5.24	94		9–23	5
		D	18.60	18.07	5.30	95		10–17	35
	12	S	19.00	13.97	4.83	84		8–19	200
		D	18.90	13.90	4.77	82		7–16	160
	16	S	19.00	6.84	5.30	85		9–26	320
		D	18.70	7.24	4.59	73		9–18	320
17.xi	1	S	18.90	19.69	5.07	93	8.18	12–11	10
		D	16.80	19.69	4.56	81	8.16	12–13	45
	2	S	20.20	19.64	5.24	98	8.17	9–11	0
		D	19.30	19.64	5.18	96	8.19	5–30	0
	3	S	19.90	19.64	5.50	103	8.21	5–16	0
		D	19.90	19.68	5.66	106	8.21	5–14	0
	4	S	20.40	19.63	4.56	86	8.12	8–25	0
		D	20.40	19.53	4.79	90	8.12	6–25	0

Location: BOTANY BAY – GEORGES RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
17.xi	5	S	20.70	19.63	4.97	94	8.14	3-20	0
		D	20.70	19.68	5.07	96	8.14	6-20	0
	6	S	20.70	19.77	4.79	91	8.12	8-17	0
		D	20.70	19.63	5.73	109	8.12	12-17	5
	7	S	21.70	19.87	5.73	111		12-3	25
		D	21.70	19.97	4.68	90		23-3	0
	8	S	21.30	19.63	5.73	110	8.07	18-7	0
		D	21.00	19.63	4.62	88	8.07	18-10	0
18.xi	10	S	22.80	19.53	4.68	92	7.93	11-17	0
		D	22.80	19.53	4.62	91	7.93	9-28	0
	12	S	23.30	18.36	4.23	83	7.76	6-17	0
		D	23.20	18.41	4.29	84	7.79	8-46	0
	16	S	23.20	10.62	3.91	70	7.48	9-20	190
		D	23.20	10.82	3.75	67	7.33	6-24	170

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
6.i	10am	42	26.70	25.00	19.53	7.95	89	1-26-0	10
	11	27	27.20	25.90					
	12 n	19	27.20	26.50		8.00			
	1pm	14	26.70	26.50					
	2	18	28.90	26.50	19.53	8.07	101	2-25-1	15
	3	24	27.80	26.80					
	4	36	27.20	26.60		8.08			
	5	47	26.10	26.60					
	6	54	25.60	26.40	19.63	8.09	112	2-25-1	0
	7	57	25.60	26.30					
	8	53	24.40	26.20		8.09			
	9	42	22.20	26.40					
	10	36	21.70	26.20	19.77	8.11	91	2-25-0	5
	11	24	21.70	26.20					
	12mn	18	21.10	25.60		8.09			
7.i	1am	17	21.10	25.00					
	2	25	21.10	24.60	20.07	7.97	111	1-27-0	0
	3	37	21.10	24.50					
	4	49	21.10	24.20		8.04			
	5	64	21.10	24.00					
	6	75	21.10	24.00	19.67	8.05	110	4-23-1	0
	7	82	19.40	24.00					
	8	76	20.00	23.80		8.04			
	9	66	20.00	23.50					
	10	54	20.00	23.10	19.72	8.01	117	2-19-0	0
26.i	10am	66	24.40	22.60	17.25	8.25	73	13-12-7	90
	11	60	23.30	22.90					
	12 n	48	24.40	22.80		7.99			
	1pm	36	24.40	23.40					
	2	24	24.40	24.20	17.10	7.98	82	11-2-10	70
	3	12	24.40	24.60					
	4	6	24.40	25.30		8.15			
	5	7	24.40	25.40					
	6	18	23.90	25.20	16.91	7.99	93	18-0-13	65

Location: GEORGES RIVER - SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
26.i	7pm	25	23.30	24.70					
	8	39	23.30	24.90		8.02			
	9	48	23.30	23.40					
	10	54	22.80	23.20	17.00	8.13	87	31-0-10	130
	11	51	22.80	23.20					
	12mn	48	22.50	24.00		8.05			
27.i	1am	45	21.95	24.00					
	2	31	21.10	23.80	17.10	7.99	47	38-0-15	65
	3	16	20.00	23.20					
	4	9	20.30	23.60		8.10			
	5	12	20.60	23.30					
	6	18	20.60	23.00	17.10	8.06	71	11-15-2	110
	7	32	23.30	23.20					
	8	45	25.00	23.20		7.98			
	9	57	26.10	23.20					
	10	63	24.40	23.40	17.00	8.08	82	13-2-14	150
21.ii	10am	48	21.70	21.10	16.61	8.04	93	3-48	60
	11	36	21.70	21.30					
	12 n	24	21.70	22.10		8.13			
	1pm	12	21.70	22.40					
	2	9	22.80	23.00	16.65	8.08	128	1-22	55
	3	11	22.20	23.40					
	4	18	21.70	23.00		8.10			
	5	30	22.20	22.60					
	6	54	22.20	22.40	16.26	8.07	99	0-20	75
	7	50	21.70	22.10					
	8	53	21.70	22.00		8.08			
	9	48	21.40	22.00					
	10	39	20.30	22.80	16.56	8.07	99	1-16	45
	11	30	19.40	22.40					
	12mn	18	19.15	21.90		8.03			
22.ii	1am	7	18.30	21.60					
	2	10	18.30	21.60	16.61	8.02	86	1-26	60
	3	16	18.30	21.60					
	4	27	19.40	21.70		8.02			

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
22.ii	5am	39	19.40	21.80					
	6	51	18.90	21.80	16.61	8.02	92	2–19	70
	7	61	19.40	21.80					
	8	67	21.70	21.80		8.02			
	9	64	21.70	21.80					
	10	55	23.30	22.20	16.85	8.02	81	5–18	45
16.iii	10am	30	20.60	22.20	15.33	8.16	95	3–19–0	40
	11	35	22.80	22.60					
	12 n	39	23.30	23.00	15.38	8.18	100		20
	1pm	42	22.80	23.20					
	2	43	23.30	23.50	15.38	8.26	120	4–19–1	15
	3	40	23.30	24.00					
	4	36	23.30	24.60	15.58	8.25	140		15
	5	32	23.30	24.40					
	6	29	22.80	23.50	15.58	8.18	114	2–18–3	15
	7	28	22.20	23.40					
	8	29	22.20	23.40	15.72	8.19	114		15
	9	32	22.80	23.30					
	10	38	22.20	23.20	15.77	8.17	105	3–17–0	20
	11	44	21.70	23.00					
	12mn	49	21.10	23.00	15.92	8.15	103		10
17.iii	1am	51	21.10	23.00					
	3	54	19.40	22.60					
	4	50	18.90	22.40	15.72	8.09	92	3–25–0	10
	5	45	19.40	22.20					
	6	39	19.40	21.90	15.67	8.09	84		30
	7	31	19.40	22.20					
	8	27	18.30	22.00	15.53	8.10	83	3–28–4	15
	9	24	18.30	22.00					
	10	26	18.30	22.20	15.18	8.14	81		10
14.iv	12 n	42	23.30	22.80	17.33	8.01	93	6–16	40
	1pm	46	21.70	22.80					
	2	45	22.80	23.00		8.11			
	3	42	22.80	23.30					
	4	38	22.80	23.40	17.43	8.18	126	4–16	15
	5	34	22.80	22.80					
	6	30	22.80	22.80		8.16			

Location: GEORGES RIVER - SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
14.iv	7pm	32	22.80	23.00					
	8	34	22.20	23.40	17.19	8.12	118	6-15	25
	9	38	21.70	23.00					
	10	44	21.70	22.60		8.07			
	11	51	20.00	22.50					
	12mn	57	20.00	22.40	17.19	8.07	98	4-22	35
15.iv	1am	61	20.00	22.40					
	2	60	18.90	22.50		8.04			
	3	54	18.30	22.00					
	4	48	18.30	21.40	17.38	8.01	71	8-14	70
	5	42	17.20	21.80					
	6	36	17.20	21.80		8.02			
	7	30	17.20	21.70					
	8	30	17.80	21.80	17.43	8.04	79	9-17	25
	9	27	18.90	22.00					
	10	27	22.20	22.30		8.08			
	11	33	25.60	22.60					
	12 n	42		22.70	17.33	8.13	88	7-19	55
4.v	10am	36	17.80	18.10	8.82	7.79	67	19-0-8	210
	11	28	18.90	18.10					
	12 n	22	20.00	18.40		7.88			
	1pm	22	20.00	18.60					
	2	26	17.80	18.60	7.11	7.91	73	19-12-21	270
	3	36	18.30	18.40					
	4	46	18.30	18.40		7.95			
	5	55	12.80	18.30					
	6	65	12.80	18.20	12.50	7.93	76	19-11-0	210
	7	72	12.80	18.20					
	8	66	12.80	18.30		7.87			
	9	59	13.30	18.20					
	10	48	13.90	17.70	10.61	7.85	67	23-10-10	190
	11	38	13.90	17.60					
	12mn	28	13.30	17.40		7.90			

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
5.v	1am	21	13.30	17.20					
	2	24	13.30	17.20	9.22	7.95	82	18–16–0	200
	3	27	12.80	17.20					
	4	35	12.80	17.40		7.95			
	5	45	12.80	18.00					
	6	51	11.70	18.00	13.20	7.95	71	29–8–6	210
	7	60	11.70	18.20					
	8	60	13.30	18.40		7.95			
	9	54	13.30	18.30					
	10	43	17.80	18.00	10.26	8.06	80	30–0–0	190
25.v	10am	45	15.60	14.20	17.70	8.14	91	7–6–4	5
	11	51	16.70	14.40					
	12 n	51	16.10	14.70		8.16			
	1pm	45	16.70	14.80					
	2	34	17.80	14.80	17.70	8.16	104	11–2–14	0
	3	26	17.80	15.00					
	4	18	17.20	15.00		8.21			
	5	15	16.70	15.00					
	6	19	16.10	15.00	17.79	8.19	103	9–4–7	0
	7	28	15.60	14.80					
	8	36	15.00	14.80		8.16			
	9	53	15.00	14.80					
	10	66	15.00	14.80	17.83	8.16	96	9–6–5	5
	11	75	15.60	15.40					
	12mn	76	15.60	15.40		8.13			
26.v	1am	69	15.00	15.30					
	2	56	14.40	15.20	18.14	8.13	93	9–8–4	0
	3	42	14.40	15.10					
	4	30	14.40	15.00		8.13			
	5	26	15.00	14.70					
	6	12	15.60	14.70	17.31	8.14	105	8–5–6	0
	7	9	15.00	14.80					
	8	21	17.20	14.80		8.16			
	9	31	17.20	14.80					
	10	42	17.20	14.80	17.46	8.21	96	11–14–3	10

Location: GEORGES RIVER - SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
30.vi	10am	29	13.90	11.60	18.00	8.20	99	2-21-10	25
	11	30	13.90	11.60					
	12 n	32	14.40	11.70		8.19			
	1pm	40	14.40	11.50					
	2	48	14.40	11.30	17.89	8.20	99	3-15-10	25
	3	57	13.90	12.20					
	4	65	13.90	12.20		8.17			
	5	67	13.30	12.20					
	6	65	13.30	12.20	17.96	8.17	103	3-17-0	35
	7	48	13.90	12.30					
	8	54	13.90	12.00		8.23			
	9	47	13.30	11.90					
	10	39	11.70	11.90	17.98	8.18	100	3-19-3	40
	11	32	10.00	11.80					
	12mn	28	10.00	11.70		8.20			
1.vii	1am	29	10.60	11.70					
	2	33	10.00	11.60	17.99	8.19	99	3-3-19	
	3	39	10.00	11.60					
	4	45	9.44	11.60		8.18			
	5	48	9.44	11.50					
	6	48	8.33	11.40	18.03	8.18	98	4-11-9	45
	7	45	8.33	11.40					
	8	42	11.10	11.40		8.18			
	9	36	10.60	11.40					
	10	30	13.30	11.50	17.96	8.18	99	4-11-18	45
3.viii	10am	50	15.60	11.30	18.57	8.21	96	4-14-0	5
	11	43	16.10	11.40					
	12 n	34	16.70	11.60	18.56	8.21	97		
	1pm	26	18.30	11.90					
	2	24	18.90	12.10	18.58	8.22	102	1-9-10	5
	3	30	18.30	12.20					
	4	38	18.30	12.20	18.64	8.22	101		
	5	48	16.70	12.10					
	6	54	15.60	12.00	18.58	8.22	100	4-6-10	10
	7	67	14.40	12.00					

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
3.viii	8pm	72	13.30	12.00	18.58	8.22	97		
	9	76	13.30	12.00					
	10	69	13.90	12.00	18.58	8.24	97	7-6-7	10
	11	54	13.30	12.40					
	12mn	48	12.20	12.40	18.64	8.23	98		
4.viii	1am	36	11.10	11.60					
	2	22	10.60	11.30	18.65	8.23	99	5-8-4	5
	3	18	8.89	11.60					
	4	24	8.89	11.50	18.60	8.21	94		
	5	30	9.44	11.40					
	6	40	6.67	11.40	18.59	8.21	95	7-7-3	5
	7	50	7.78	11.40					
	8	54	14.40	11.50	18.55	8.23	94		
	9	58	13.30	11.60					
	10	54	14.40	11.70	18.54	8.25	94	4-11-2	5
18.viii	12 n	30	20.60	13.50	19.03	8.18		6-11-3	15
	1pm	24	16.95	12.90					
	2	12	16.70	14.00	19.00	8.18	99		
	3	13	16.70	14.70					
	4	21	17.20	14.10	19.07	8.18	103	6-7-7	5
	5	35	15.60	13.80					
	6	52	12.80	13.00	18.94	8.19			
	7	63	11.70	13.00					
	8	76	10.60	13.00	19.10	8.19	106	6-1-20	5
	9	78	12.20	13.00					
	10	73	12.20	13.00	19.20	8.19	93		
	11	58	12.20	13.40					
	12mn	45	12.50	13.80	19.11	8.17	80	7-8-2	5
19.viii	1am	29	12.20	13.20					
	2	18	11.70	13.20	19.10	8.15	95		
	3	9	11.70	12.20					
	4	9	11.10	12.40	19.11	8.16	88	7-8-2	5
	5	12	11.10	13.00					
	6	24	11.10	12.80	19.06	8.14	96		
	7	39	9.44	12.80					
	8	50	11.70	12.80	18.93	8.14	77	7-10-0	5

Location: GEORGES RIVER - SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
19.viii	9am	62	14.40	12.90					
	10	63	15.60	13.10	18.91	8.14	96		
	11	54	17.80	13.20					
	12 n	45	19.40	13.60	18.94		100	7-10-3	5
28.ix	10am	25	22.20	18.40	19.26	8.12	94	5-19-3	0
	11	21	19.40	18.60					
	12 n	21	20.00	19.20	19.26	8.12	99		
	1pm	27	20.00	19.40					
	2	33	20.00	19.00	19.24	8.12	102	7-19-5	0
	3	42	19.40	18.80					
	4	52	18.90	18.80	19.22	8.14	102		
	5	59	18.30	19.00					
	6	62	17.80	18.90	19.23	8.13	100	5-19-2	0
	7	57	17.80	18.60					
	8	51	17.80	18.50	19.26	8.13	97		
	9	40	17.20	18.40					
	10	29	15.60	18.60	19.25	8.12	95	6-9-4	0
	11	21	15.60	18.50					
	12mn	16	14.40	18.50	19.25	8.11	90		
29.ix	1am	15	14.40	18.60					
	2	24	15.00	18.40	19.28	8.13	93	7-18-9	0
	3	28	14.40	18.30					
	4	37	15.00	18.40	19.26	8.13	97		
	5	52	14.40	18.20					
	6	56	14.40	18.00	19.26	8.12	94	8-18-5	0
	7	57	15.60	17.90					
	8	52	17.80	18.20	19.28	8.12	94		
	9	41	19.40	18.30					
	10	30	20.60	18.50	19.30	8.11	95	8-17-1	0
27.x	9am	36	17.80	17.20	19.55	7.93	88	12-31-0	5
	10	29	16.70	17.80					
	11	26	16.70	18.00	19.52	7.98	99		
	12 n	28	17.80	18.10					
	1pm	35	16.70	18.40	19.47	8.01	103	6-41-0	5
	2	42	16.70	18.60					
	3	50	16.70	19.00	19.44	8.03	100		

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
27.x	4pm	56	16.70	18.80					
	5	62	16.70	18.60	19.40	8.04	101	8-32-8	0
	6	60	16.10	18.80					
	7	51	16.10	19.00	19.55	7.99	89		
	8	42	16.10	19.10					
	9	33	16.10	18.80	19.51	8.00	103	6-24-23	0
	10	24	16.10	18.70					
	11	18	15.00	18.70	19.53	8.00	96		
	12mn	18	14.40	18.40					
28.x	1am	22	11.70	18.00	19.49	8.03	93	7-26-14	0
	2	31	12.20	18.00					
	3	39	11.70	18.10	19.47	8.05	97		
	4	51	11.10	18.40					
	5	57	11.10	18.40	19.41	8.04	91	9-31-7	0
	6	60	11.70	18.30					
	7	56	17.80	18.30	19.43	8.02	97		
	8	49	20.60	18.30					
	9	39	20.60	18.00	19.47	8.01	95	6-21-3	0
30.xi	10am	72	27.80	22.20	15.55	8.05	90	19-4-8	310
	11	60	29.40	23.00					
	12 n	44	30.60	23.60	15.36	7.99	96	8	
	1pm	28	31.10	24.00					
	2	16	32.80	24.30	15.65	8.06	113	4-4-5	350
	3	9	31.10	24.60					
	4	13	29.40	24.60	15.46	8.09	113	9	
	5	23	27.20	24.40					
	6	35	26.10	24.20	15.26	8.03	107	7-6-19	350
	7	47	23.90	24.00					
	8	58	22.20	23.60	15.41	8.06	102	8	
	9	63	22.80	22.80					
	10	55	22.20	23.00	16.51	8.12	106	9-0-18	210
	11	49	21.70	23.00					
	12mn	37	21.10	23.20	15.56	8.04	85	9	
1.xii	1am	27	21.10	23.00					
	2	16	19.40	22.20	15.51	8.05	87	9-0-5	330

Location: GEORGES RIVER – SHELL POINT

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	pH	O_2 °/o	PO_4-P	NO_3-N
1955									
1.xii	3am	15	18.30	21.90					
	4	20	17.80	22.00	15.65	8.02	83	10	
	5	30	17.20	21.80					
	6	42	17.80	22.20	15.46	8.12	86	12	
	7	57	18.90	22.20					
	8	77	21.10	21.30	16.68	8.17	92	6–0–5	290
	9	87	22.20	21.40					
	10	84	21.10	21.50	16.59	8.17	100	7–6–3	210

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
13.i	1	S	19.80	19.77	4.52	84	8.17	3-9-4	0
		D	20.10	19.72	4.93	92	8.08	0-15-0	0
	4	S	22.00	19.77	4.76	92	8.10	8-15-2	20
		10m	21.60	19.77	4.91	94	8.09	6-16-0	40
		D	20.70	19.72	4.49	85	8.10	9-10-1	75
	4a	S	22.20	19.77	4.61	90	8.05	12-10-3	20
		10m	21.60	19.67	4.67	90	8.05	11-11-0	0
		D	22.00	19.77	4.79	93	8.03	8-14-0	5
	4b	S	22.10	19.77	4.40	85	8.02	12-11-0	0
		10m	22.00	19.72	4.40	85	8.03	13-12-4	0
		D	21.90	19.72	4.28	83	8.05	14-9-15	5
	6	S	22.40	19.77	4.73	92	8.11	3-15-0	0
		D	21.90	19.77	4.51	87	8.05	16-7-5	0
	8	S	23.60	19.04	4.91	97	7.87	3-14-0	0
		D	23.40	19.18	3.70	73	7.96	3-15-0	10
28.i	1	S	22.00	18.91	3.17	61		7-9-0	15
		D	19.50	19.55	2.75	51		12-0-5	20
	4	S	21.60	17.15	4.73	88		4-11-8	10
		10m	22.00	19.55	4.11	79		7-6-1	10
		D	21.60	19.74	4.32	83		15-3-5	10
	4a	S	21.70	17.05	6.38	119		3-2-4	5
		10m	22.00	19.66	4.91	95		8-3-8	15
		D	21.40	19.71	3.15	60		24-1-0	20
	4b	S	24.20	16.37	7.21	139		1-19-0	10
		10m	22.10	19.59	4.24	82		2-16-5	10
		D	21.70	19.69	3.22	62		11-18-4	10
	6	S	22.20	17.30	6.64	126		3-6-1	10
		D	21.60	19.79	4.94	95		23-2-3	10
	8	S	24.00	5.00	5.71	97		6-4-5	35
		D	21.95	15.28	3.51	65		19-5-17	10

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
1.iii	1	S	21.60	15.47	4.65	85	7.99	8-10-1	55
		D	21.50	19.46	4.79	92	8.14	6-4-0	40
	4	S	23.40	12.64	5.05	93	7.99	3-8-1	45
		10m	22.10	18.87	3.51	67	7.94	10-9-1	40
		D	21.30	19.70	0.22	4	7.74	110-3-6	65
	4a	S	22.80	10.48	5.05	90	8.02	6-11-0	45
		10m	22.50	18.72	3.28	63	7.88	13-0-0	40
		D	21.40	19.75	0.28	5	7.76	86-0-10	110
	4b	S	23.60	10.73	5.12	92	7.89	2-12-0	40
		10m	22.80	18.92	2.68	52	7.87	16-3-6	65
		D	22.00	19.56	0.28	5	7.75	50-8-8	85
	6	S	23.40	6.80	5.29	91	8.05	2-15-8	110
		D	21.80	19.56	0.39	8	7.66	45-10-32	100
	8	S	20.00	0.55	5.36	82	8.17	4-8-6	75
		D	21.40	10.88	2.85	50	7.40	10-8-29	60
1.iv	1	S	23.80	17.06	4.87	94	8.08	3-10-6	5
		D	18.20	19.52	4.04	73	8.16	17-10-4	85
	4	S	24.20	16.96	4.72	92	8.17	3-12-8	0
		10m	22.60	19.03	1.36	26	8.04	33-4-9	30
		D	21.80	19.71	0	0	7.93	95-25-21	25
	4a	S	24.20	16.27	4.78	92	8.11	7-11-0	10
		10m	22.80	18.88	1.22	24	7.96	27-4-6	110
		D	21.50	19.71	0	0	7.90	150-0-22	5
	4b	S	24.90	15.67	4.72	92	8.08	11-5-0	10
		10m	23.20	18.63	1.09	21	7.96	17-16-0	85
		D	22.70	18.93	0.43	8	7.90	40-0-11	85
	6	S	24.40	15.43	4.99	96	8.13	4-9-2	10
		D	21.90	19.47	0.17	3	7.91	90-0-5	25

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
1.iv	8	S	23.00	8.07	4.30	75	8.10	10-5-12	40
		D	23.70	14.78	3.32	63	7.96	10-9-6	20
14.iv	1	S	22.20	18.31	4.94	94	8.13	5 *	130
		D	19.20	19.54	4.25	79	8.16	8-14	130
	4	S	23.10	17.28	4.92	94	8.15	8 *	80
		10m	22.00	18.61	2.51	48	8.04	20 *	50
		D	21.90	18.75	2.28	44	8.01	2-35	55
	4a	S	22.50	17.33	5.08	97	8.14	15 *	25
		10m	21.90	18.61	2.77	53	8.06	8-21	110
		D	21.50	19.54	0	0	7.84	4-150	120
	4b	S	22.70	17.73	5.04	97	8.11	14- 0	150
		10m	21.90	18.66	4.05	77	8.09	6- 6	160
		D	21.40	19.63	0	0	7.80	188-0	110
	6	S	22.80	15.27	5.06	95	8.06	4-12	110
		D	21.90	19.29	0.17	3	7.80	90- 3	120
	8	S	21.20	4.65	5.06	82	7.95	8- 7	55
		D	23.00	16.05	3.36	64	7.82	0- 9	35
5.v	1	S	18.40	18.26	5.07	91	8.23	8-13-0	30
		D	18.60	14.18	5.07	87	8.20	14-5-0	35
	4	S	19.40	12.85	5.35	92	8.20	7-23-0	30
		10m	19.50	19.09	4.49	83	8.18	18	10
		D	18.30	19.19	4.38	79	8.11	19-17-0	10
	4a	S	19.70	19.09	5.42	101	8.16	26-1-9	20
		10m	19.70	19.09	4.06	75	8.04	28	20
		D	19.50	19.38	4.02	75	8.05	22-0-63	10
	4b	S	19.40	13.16	5.02	87	8.12	10-10-11	30
		10m	19.80	18.89	4.19	78	8.01	27-2-15	5
		D	19.50	19.28	3.44	64	8.02	29-0-235	15
								* Total P	

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
5.v	6	S	19.20	12.90	5.13	88	8.35	11-7-0	50
		D	19.50	19.28	4.66	86	8.18	14-13-5	10
	8	S	17.60	2.30	5.78	86	7.33	10-12-13	140
		D	17.40	6.25	4.80	74	7.13	12-0-3	140
23.vi	1	S	16.70	19.10	5.36	94	8.14	3-9-11	0
		D	18.20	19.44	5.60	102	8.13	3-8-4	5
	4	S	15.80	17.74	5.14	88	8.01	3-16-3	10
		10m	17.20	18.98	4.25	75	8.02	7-16-2	25
		D	15.40	18.47	4.95	84	8.10	4-18-27	0
	4a	S	16.40	18.70	5.48	96	8.11	2-13-11	0
		10m	17.00	18.95	5.02	89	8.12	3-12-6	10
		D	17.10	19.03	4.95	88	8.14	6-13-19	10
	4b	S	16.30	18.70	5.42	94	8.18	2-14-0	5
		10m	16.80	18.93	5.25	92	8.16	3-13-0	10
		D	16.90	19.00	5.30	93	8.16	8-12-93	5
	6	S	16.30	17.55	5.04	87	8.13	3-8-2	10
		D	17.20	18.99	5.19	92	8.10	9-6-37	35
	8	S	14.20	5.20	6.39	92	8.46	3-0-12	60
		D	17.20	16.55	4.18	72	7.98	2-7-7	15
14.vii	1	S	15.80	19.02	5.55	96	8.13	7-9-0	10
		D	16.40	19.26	5.60	98	8.13	6-0-2	10
	4	S	14.40	18.82	5.66	95	8.14	5-7-3	5
		10m	14.40	19.02	5.68	96	8.17	5-7-0	0
		D	14.20	18.92	4.63	78	8.15	2-6-0	0
	4a	S	14.40	18.87	5.58	94	8.18	5-4-0	0
		10m	14.20	18.92	5.27	89	8.17	4-4-0	10
		D	14.20	19.02	5.58	94	8.18	5-2-0	25
	4b	S	14.30	18.38	5.58	93	8.19	7-0-0	5
		10m	14.20	19.12	5.18	87	8.17	5-4-0	0
		D	14.20	19.02	5.44	92	8.17	6-6-3	0

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14.vii	6	S	14.30	18.97	5.50	93	8.18	5-3-2	20
		D	14.40	19.02	5.53	93	8.20	8-2-0	0
	8	S	14.10	13.17	5.85	92	8.20	5-2-0	0
		D	14.60	17.45	5.04	84	8.13	3-4-0	5
25.xi	1	S	20.90	19.54	4.91	93	8.05	6-14-3	
		D	16.90	19.62	4.23	75	8.07	18-5-6	
	4	S	21.70	19.54	4.86	93	8.09	8-9-2	
		10m	20.40	19.61	4.97	94	8.15	15-0-5	
		D	19.40	19.63	3.34	62	8.12	17-8-25	
	4a	S	21.40	19.59	5.06	97	8.12	8-16-7	
		10m	20.40	19.59	5.11	96	8.13	7-18-18	
		D	18.40	19.63	2.37	43	8.03	50-0-60	
	4b	S	21.60	19.57	5.11	98	8.07	6-13-0	
		10m	21.00	19.59	5.17	98	8.10	8-22-0	
		D	18.80	19.64	4.10	75	8.08	8-15-0	
	6	S	21.80	19.56	5.06	97	8.05	6-14-0	
		D	18.70	19.63	3.70	68	8.03	18-13-6	
	8	S	24.30	17.94	4.03	79	7.87	7-8-3	
		D	23.10	18.98	1.29	25	7.60	5-16-1	
9.xii	1	S	27.80	19.42	5.02	107	8.18	8-7-3	0
		D	20.20	19.42	5.12	96	8.26	8-10-0	0
	4	S	27.20	19.07	4.78	100	8.20	8-8-4	0
		10m	20.20	19.24	5.23	98	8.34	5-8-2	0
		D	19.40	19.48	4.01	74	8.17	15-42-10	0
	4a	S	26.60	19.12	5.18	108	8.22	7-8-1	0
		10m	20.30	19.26	5.36	100	8.32	9-6-2	0
		D	18.70	19.60	1.06	19	7.98	13-16-12	0
	4b	S	25.70	19.22	5.23	107	8.20	7-6-1	0
		10m	20.40	19.30	5.23	98	8.31	7-6-2	0
		D	18.80	19.57	1.53	28	8.01		100

Location: PORT HACKING

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
9.xii	6	S	25.10	19.12	5.23	106	8.21	6-9-1	0
		D	19.30	19.51	2.85	53	8.04	15-12-0	0
	8	S	24.40	16.64	2.45	48	7.91	5-9-0	35
		D	21.30	17.22	4.61	86	8.14	3-19-0	0

Location: D'ENTRECASTEAUX CHANNEL

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
20.i	1	0	16.80	19.15	4.66	82	8.18	0-13	20
		50	16.30	19.17	5.12	90	8.15	0-24	15
	6	0	16.00	18.94	4.73	82	8.11	6-1	40
		12	15.80	18.94	4.85	84	8.18	6-1	25
17.ii	1	0	17.30	18.01	5.66	100	8.07	3-19	0
		45	16.60	19.11	5.77	101	8.07	4-19	0
	6	0	17.20	19.03	5.50	97	8.10	8-9	0
		13	17.20	19.04	4.67	83	8.11	4-20	0
16.iii	1	0	16.20	19.13	4.91	87	8.08	0-15	15
		25	15.80	19.20	4.18	73	8.02	11-25	15
	6	0	15.80	19.13	5.10	88	8.04	0-20	15
		12	15.50	19.09	5.04	87	8.03	0-17	5
19.iv	1	0	15.50	19.03	5.66	97		29-0	0
		36	15.40	19.28	5.47	94		28-0	5
	6	0	14.40	18.83	5.82	98		6-11	5
		14	14.40	18.82	5.70	96		8-6	0
27.v	1	0	10.70	19.35	6.18	98		7-11	0
		40	11.70	19.05	5.93	95		14-39	0
	6	0	10.80	18.19	6.18	97		9-15	10
		13	11.30	18.54	6.13	97		8-8	15
27.vi	1	0	10.00	18.05	6.26	96		9-13	45
		40	11.10	19.11	5.93	94		14-13	
	6	0	9.90	15.75	6.31	94		14-6	40
		12	11.30	18.88	6.01	96		14-2	40
26.vii	1	0	9.60	18.39	6.30	96		7-2	50
		30	10.60	18.97	6.07	95		7-10	50
	6	0	10.10	18.20	6.30	97		4-15	25
		14	11.00	18.82	6.01	95		7-15	45
23.viii	1	0	10.40	18.59	6.18	96		6-19	10
		50	11.00	19.24	6.01	96		8-25	10
	6	0	10.50	18.19	6.01	93		5-23	15
		15	10.60	18.50	6.07	95		7-25	10

Location: D'ENTRECASTEAUX CHANNEL

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14.ix	1	0	10.80	18.69	5.97	94		12-11	5
		44	11.10	19.09				12-11	30
	6	0	10.80	18.33	5.93	93		5-12	0
		14	10.70	18.50	6.29	98		9-14	15
6.x	1	0	12.90	18.63	6.49	106		6-14	0
		50	11.80	18.97	5.97	96		11-44	5
	6	0	12.10	18.53	6.29	101		5-15	0
		14	11.90	18.78	6.10	95		8-12	10
17.xi	1	0	13.10	18.25	5.76	94		17	
		25	12.60	18.87	5.70	92		17-10	
	6	0	12.80	18.23	5.66	92		10-6	
		14	12.60	18.30	5.55	91		12-1	
14.xii	1	0	15.90	18.48	6.64	114		5-11	
		38	13.30	19.15	5.46	91		5-34	
	6	0	14.75	18.78	6.13	104		3-14	
		15	14.30	18.80	6.07	102		5-12	

Location: PITTWATER - TASMANIA

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
12.i	2	S	15.50	20.16				4-24	0
	3	S	15.50	20.05				4-18	0
	4	S	15.50	20.39				0-34	0
16.ii	2	S	17.80	20.84				13-22	0
	3	S	18.90	20.40				0-16	0
	4	S	18.30	20.84				15-29	0
24.iii	2	S	17.80	20.62				11-34	15
	3	S	18.30	20.44				0-25	20
	4	S	17.80	20.92				10-29	10
28.iv	2	S	10.00	19.85				10-12	30
	3	S	10.00	19.70				6-12	15
	4	S	10.60	20.01				14-10	25
27.v	2	S	11.10	19.41				17-4	0
	3	S	11.10	19.31				22-3	0
	4	S	11.10	19.49				8-16	0
27.vi	2	S	8.33	18.71				7-18	0
	3	S	8.33	18.58				2-20	0
	4	S	8.33	18.71				2-21	0
26.vii	2	S	8.33	18.35				4-7	0
	3	S	8.33	18.45				4-7	0
	4	S	7.78	18.20				4-14	0
24.viii	2	S	8.89	18.09				7-8	0
	3	S	8.89	18.23				6-15	5
	4	S	9.44	17.92				6-14	0
22.ix	2	S	10.60	18.28				4-24	0
	3	S	10.00	19.31				6-14	0
	4	S	10.60	18.11				9-26	0
27.x	2	S	12.20	18.22				6-12	0
	3	S	12.20	18.45				6-12	0
	4	S	12.80	17.97				9-33	0

Location: PITTWATER - TASMANIA

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
24.xi	2	S	15.60	19.43				8-22	
	3	S	15.60	19.49				11-8	
	4	S	15.00	19.60				12-25	
15.xii	2	S	19.40	19.85				43-11	
	3	S	18.90	19.72				8-29	
	4	S	19.40	20.02				12-10	

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
1.ii	3	0	23.50	19.70	4.79	95		15-8	0
		2	23.50	19.70	5.08	101		13-12	0
		4	23.55	19.70	4.97	98		13-8	0
		6	23.55	19.70	5.08	101		13-11	0
		9	23.55	19.70	4.79	95		14-7	0
	3a	0	23.55	19.70	4.84	94		12-14	0
		2	23.50		4.97			14-14	0
		4	23.50		5.05			13-10	0
		6	23.50		4.97			14-12	0
		8	23.50		4.90			14-15	0
		10	23.45		4.73			15-14	0
		12	23.50		4.84			16-14	0
		14	23.50		4.63			13-14	0
		16	23.45		4.63			10-10	0
		18	23.45	19.95	4.79	96		9-7	0
	4	0	23.65	19.70	4.79	96		17-8	0
		2	23.60		5.08			17-7	0
		4	23.50		4.90			16-9	0
		6	23.50		4.38			20-6	0
		8	23.50		4.79			18-7	0
		10	23.35		4.67			17-11	0
		12	23.40		4.67			18-10	0
		14	23.60		4.73			17-1	0
		16	23.55		4.73			9-5	0
		18	23.50		4.79			8-28	0
		20	23.50	19.95	4.84	96		4-9	0
	4a	0	23.40	19.70	4.79	95		17-11	0
		2	23.35		4.84			16-13	0
		4	23.35		4.97			16-12	0
		6	23.30		4.79			17-13	0
		8	23.25		4.84			16-19	0
		10	23.40		4.67			16-13	0
		12	23.70		4.84			14-16	0
		14	23.70	19.85	4.50	90		11-15	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
1.ii	4b	0	23.50	19.56	4.84	96		20-17	0
		2	23.50		5.08			20-18	0
		4	23.45		5.02			20-20	0
		6	23.35		4.90			20-17	0
		8	23.35		4.79			18-11	0
		10	23.65		4.55			15-9	0
		13	23.65	19.75	4.42	88		18-8	0
	5	0	23.35	19.60	4.60	91		20-23	0
		2	23.35		4.90			21-20	0
		4	23.30		4.97			23-15	0
		6	23.30		4.97			22-16	0
		8	23.25		4.87			22-21	0
		10	22.95		4.79			24-12	0
		12	23.40	19.65	4.73	94		26-12	0
	6	0	23.45	19.36	4.38	87		28-20	0
		2	23.40		4.60			28-22	0
		4	23.25		4.47			27-16	0
		6	22.95	19.56	4.45	88		30-8	0
	7	0	23.50	19.02	4.45	88		28-18	0
		1	23.50		4.60			31-9	0
		2	23.60		4.67			37-0	0
		3	23.60	19.07	4.55	90		30-20	0
21.ii	3	0	25.30	2.04	2.64	45		20-34	790
		2	24.75	2.14	2.57	43		29-30	740
		3	23.65						
		4	22.10	11.70	3.14	56		32-21	340
		6	21.70	12.74	3.20	57		31-28	260
		9	21.95	18.35	3.60	69		32-13	30
	3a	0	25.30	1.71	2.64	45		34-42	910
		2	25.20	1.76	2.57	43		20-42	800
		3	23.05						
		4	22.50	7.24	2.90	50		30-25	660
		6	21.85	17.81	3.54	67		30-16	50
		8	21.95	18.20	3.60	68		30-17	45
		10	22.00	18.93	3.54	68		32-10	30

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
21.ii	3a	12	22.10	19.13	3.50	67		32-7	30
		14	22.20	19.56	3.25	63		28-10	30
		16	22.20	19.61	2.96	58		32-8	20
		17	22.20	19.61	2.70	52		49-22	25
	4	0	25.60	1.64	2.57	44		25-32	860
		2	25.30	1.64	2.64	45		24-41	760
		3	23.65						
		4	22.45	6.50	2.40	41		26-13	700
		6	22.05	17.46	3.66	69		32-20	60
		8	22.10	18.49	3.54	68		29-21	40
		10	22.15	18.62	3.60	69		27-19	30
		12	22.15	19.17	3.54	68		31-23	25
		14	22.25	19.42	3.31	64		28-13	25
		16	22.25	19.62	3.25	63		30-11	25
		18	22.25	19.62	3.03	59		31-16	25
		20	22.25	19.62	2.70	53		40-8	30
	4a	0	26.80	1.59	2.46	43		33-38	1000
		1	25.35						
		2	25.25	1.59	2.50	42		29-46	900
		3	24.10						
		4	22.55	7.71	2.50	43		44-18	680
		6	22.05	16.59	3.50	66		32-17	70
		8	22.10	17.22	3.60	68		34-13	50
		10	22.20	18.35	3.37	65		33-20	40
		12	22.20	18.93	3.81	73		39-11	30
		14	22.20	19.32	2.90	56		37-12	0
	4b	0	25.90	1.43	2.57	44		20-65	1000
		1	25.35						
		2	24.75	1.59	2.40	40		33-38	800
		3	24.00						
		4	22.45	4.33	2.45	41		34-30	900
		6	22.25	12.40	3.08	55		31-51	360
		8	22.15	15.80	3.20	61		36-11	160
		10	22.20	18.30	3.20	61		34-16	0
	5	0	25.35	1.13	2.28	38		63-13	900
		2	25.40	1.38	2.45	41		43-21	900
		3	23.55						

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
21.ii	5	4	22.90	2.35	2.40	39		40-9	700
		6	22.15	16.29	2.64	49		33-23	130
		8	22.25	16.88	3.50	66		30-17	65
		10	22.20	18.30	2.40	46		34-16	40
		12	22.25	18.93	2.22	43		41-45	35
	6	0	25.30	1.13	2.28	38		10-71	1000
		1	25.70						
		2	24.60	1.28	2.28	38		8-126	900
		3	23.70						
		4	22.85	5.29	2.28	38		28-53	800
		6	22.25	6.50	2.17	37		31-36	440
28.ii	3	0	26.80	1.99	2.75	48		29-47	610
		2	26.60	2.14	2.72	47		37-61	600
		3	25.85						
		4	24.55	5.23	3.09	53		30-44	520
		6	23.65	8.59	3.14	56		30-29	460
		9	22.80	16.01	3.49	66		16-42	160
	3a	0	26.90	1.61	2.96	51		30-23	670
		2	26.65	1.71	2.96	51		34-40	550
		3	26.15						
		4	24.25	12.27	3.18	59		31-12	320
		5	23.70						
		6	23.10	14.73	3.12	58		30-13	180
		7	22.70						
		8	22.15	15.10	2.66	49		32-22	160
		10	22.15	16.98	3.46	65		24-7	90
		12	22.15	17.32	3.01	57		30-14	75
		14	22.15	18.88	2.50	48		33-14	30
		16	22.15	19.37	2.00	39		36-15	20
	4	0	27.65	1.48	2.78	49		39-6	650
		1	27.15						
		2	26.95	1.53	2.84	49		38-28	610
		3	25.75						
		4	24.35	10.38	2.51	46		37-39	350
		5	23.30						
		6	23.20	17.03	3.25	62		32-16	70
		7	22.90						

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.ii	4	8	22.20	17.28	3.41	64		23-15	90
		10	22.20	18.06	3.54	67		29-13	50
		12	22.20	18.50	2.60	50		32-21	40
		14	22.25	19.01	2.06	40		38-8	0
		16	22.25	19.18	2.50	48		35-16	60
		18	22.25	19.37	2.22	43		35-18	50
		20	22.25	19.61	1.83	36		41-9	0
	4a	0	27.75	1.38	3.01	53		35-42	710
		1	26.90						
		2	26.65	1.53	2.84	49		41-27	710
		3	25.45						
		4	23.40	9.84	2.63	47		35-25	400
		5	23.35						
		6	22.75	12.91	1.33	24		42-13	280
		8	22.25	14.68	2.34	43		32-24	180
		10	22.25	18.01	2.14	41		39-14	50
		12	22.25	18.25	2.02	39		39-20	45
		14	22.25	18.69	1.83	35		41-18	40
	4b	0	29.55	1.38	2.78	50		35-38	650
		1	27.10						
		2	26.70	1.38	2.40	41		34-38	670
		3	26.00						
		4	23.55	7.24	2.63	46		38-46	500
		5	22.95						
		6	22.75	12.86	2.12	39		36-12	250
		8	22.30	15.32	1.85	34		38-14	190
		10	22.25	17.62	1.64	31		36-11	70
		13	22.25	18.40	1.50	29		39-20	40
	5	0	29.10	1.38	3.14	56		34-41	690
		1	27.00						
		2	27.05	1.58	2.84	49		39-24	640
		3	26.00						
		4	23.45	11.77	1.56	28		38-24	240
		5	22.90						
		6	22.50	12.17	1.61	29		39-9	270
		8	22.30	14.93	1.14	21		37-29	160
		10	22.30	16.89	1.03	19		40-0	80
		12	22.30	18.45	0.89	17		44-23	40

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.ii	6	0	29.10	1.02	2.34	42		47-31	220
		1	27.15						
		2	27.05	1.38	2.37	41		40-38	280
		3	24.95						
		4	23.35	7.49	1.47	26		44-25	270
		5	22.80						
		6	22.55	9.54	0.98	17		48-31	220
	7	0	30.65	1.07	2.63	48		39-28	250
		1	28.15	1.07	2.75	48		43-41	250
		2	27.15	1.38	2.66	46		45-26	260
		3	25.05	2.09	2.06	35		46-36	250
8.iii	3	0	22.25	5.44	4.59	77		32-26	200
		1	21.80						
		2	22.10	6.51	4.73	80		36-22	200
		3	23.15						
		4	23.25	9.82	4.13	73		31-26	140
		6	23.10	13.94	3.95	73		29-1	100
		9	22.95	17.21	4.26	82		10-18	30
	3a	0	22.20	4.98	4.65	77		36-21	200
		1	21.60						
		2	22.05	6.91	4.52	76		31-32	210
		3	23.05						
		4	23.10	15.58	3.52	66		20-14	80
		6	22.85	16.47	3.89	74		20-10	60
		8	22.80	17.07	3.95	75		19-15	50
		10	22.70	17.74	4.10	79		20-8	30
		12	21.90	18.64	4.32	82		11-13	30
		14	21.85	18.99	2.62	50		21-15	0
		16	21.85	19.43	0.69	13		42	0
	4	0	23.05	4.83	4.26	72		34-52	150
		1	21.85						
		2	23.25	10.19	3.52	63		39-23	130
		4	23.55	15.19	3.23	61		27-21	80
		6	23.15	16.47	3.52	67		18-17	50
		8	22.95	17.31	3.47	67		19-4	50
		10	22.65	18.64	3.92	76		19-10	35
		12	22.25	18.87	2.97	57		28-6	30
		14	22.15	19.23	1.96	38		44-0	30

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
8.iii	4	16	22.15	19.43	1.13	22		44-12	25
		18	22.15	19.43	0.74	14		50-12	25
	4a	0	23.35	4.37	4.52	76		40-37	170
		1	21.80						
		2	23.65	10.80	2.97	54		37-19	130
		4	23.55	12.55	3.38	62		31-11	95
		6	23.10	16.67	2.89	55		30-7	60
		8	22.70	17.51	2.86	55		28-13	40
		10	22.40	18.45	2.51	48		34-6	40
		12	22.20	19.04	1.70	33		40-8	0
		14	22.20	19.04	1.34	26		43-3	25
	4b	0	23.25	4.42	4.59	77		43-21	200
		1	22.35						
		2	23.55	9.84	3.47	62		38-23	130
		4	23.20	12.40	3.17	58		36-12	100
		6	22.90	16.42	2.38	45		36-3	65
		8	22.55	17.46	2.15	41		34-5	50
		10	22.35	18.54	1.79	35		35-6	35
		13	22.10	19.04	1.01	19		45-6	25
	5	0	23.25	4.26	4.59	77		37-21	160
		1	22.50						
		2	23.55	7.52	4.33	76		40-21	120
		4	22.95	12.25	1.85	34		40-7	75
		6	22.50	16.28	1.16	22		48-10	45
		8	22.30	17.07	0.69	13		46-2	30
		10	22.35	18.20	0.56	11		45-6	0
		12	22.25	18.64	0.42	8		45-14	0
	6	0	23.25	3.45	4.26	71		37-29	180
		1	22.95						
		2	23.50	8.33	2.62	46		36-34	120
		4	22.85	13.75	1.39	26		40-16	60
		6	22.45	15.14	1.13	21		44-20	40
	7	0	25.05	2.52	4.17	71		36-25	170
		1	23.50	3.50	4.13	69		40-25	140
		2	23.50	8.33	2.62	46		40-13	120
		3	22.90	9.82	2.15	38		32-43	75

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14.iii	3	0	22.25	6.96	6.50	110		4-58	25
		2	22.55	6.94	5.87	100		5-56	0
		4	22.65	13.00	5.26	96		6-22	25
		6	22.70	14.79	4.86	90		4-24	25
		9	22.80	17.36	4.62	88		6-27	0
	3a	0	22.55	6.51	6.30	107		5-38	35
		2	22.50	8.33	5.92	102		6-42	35
		4	22.95	12.35	5.00	91		5-33	0
		6	23.00	16.70	5.11	97		6-25	0
		8	23.00	16.82	4.18	80		5-25	0
		10	23.15	17.46	3.65	70		7-24	25
		12	23.10	18.30	3.80	74		9-18	0
		14	22.40	18.82	3.24	63		8-14	25
		16	22.25	19.18	3.40	66		16-14	35
		18	22.25	19.20	1.76	34		18-48	50
	4	0	22.30	5.84	6.15	103		3-51	25
		2	22.20	5.84	6.38	107		7-45	0
		3	23.10						
		4	23.10	11.40	4.84	87		8-62	35
		6	23.00	15.24	3.92	74		7-34	35
		8	22.85	17.26	2.98	57		13-22	35
		10	22.80	18.15	2.54	49		19-18	40
		12	22.30	18.62	2.37	46		24-15	40
		14	22.25	18.89	1.86	36		33-12	80
		16	22.25	19.09	1.27	25		39-12	85
		18	22.25	19.18	0.53	10		44-3	90
		20	22.25	19.18	1.29	25		45-6	100
	4a	0	22.80	5.95	6.86	116		6-36	0
		2	22.35	5.95	6.95	117		2-40	0
		3	23.25						
		4	23.35	10.90	4.88	88		4-31	30
		6	23.20	13.89	3.38	63		4-26	40
		8	22.90	16.82	2.37	45		16-15	45
		10	22.75	18.00	1.77	34		32-2	60
		12	22.40	18.59	1.43	28		39-0	65
		14	22.40	18.72	1.37	26		44-0	90

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
14.iii	4b	0	23.35	5.59	6.80	113		6-35	30
		1	22.60						
		2	22.40	7.15	6.31	107		5-38	30
		3	23.35						
		4	23.35	12.30	4.33	79		1-34	35
		5	23.25						
		6	23.10	15.09	2.42	45		8-33	45
		7	22.95						
		8	22.85	16.95	1.81	35		25-18	45
		9	22.65						
		10	22.45	18.05	1.26	24		39-4	50
		11	22.40						
		12	22.40						
		13	22.40	18.05	0.60	12		39-11	65
	5	0	23.25	5.03	7.40	125		7-34	55
		2	23.35	10.95	4.43	80		0-40	40
		4	23.20	12.80	3.48	64		0-41	35
		6	22.80	16.26	1.49	28		9-38	30
		8	22.65	17.26	0.87	17		25-21	45
		10	22.65	18.15	0.55	11		34-12	30
		12	22.60	18.59	0.37	7		39-10	45
	6	0	23.65	3.96	7.45	113		7-39	130
		2	23.40	11.00	3.60	65		5-60	60
		4	22.90	13.89	1.86	34		5-60	35
		6	22.70	15.24	0.66	12		22-44	0
	7	0	22.65	6.48	5.51	93		8-52	40
		1	22.25	11.20	2.37	42		4-39	35
		2	22.40	12.00	1.86	33		4-44	30
		3	21.90	14.64	0.60	11		10-49	0
23.iii	3	0	22.00	12.04	4.37	78		10-20	40
		2	21.85	12.67	4.37	78		8-19	50
		4	22.15	13.01	4.28	77		8-19	50
		6	22.55	14.19	4.03	74		7-13	50
		9	22.90	17.97	3.64	71		7-12	50

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
23.iii	3a	0	22.05	11.75	4.37	78		10–13	35
		2	21.70	11.88	4.55	81		11–10	40
		4	22.30	14.09	3.90	66		11–13	40
		5	23.10						
		6	23.10	16.12	3.48	66		10–12	40
		8	23.20	16.12	3.52	67		12–10	45
		10	23.05	17.44	3.23	62		9–10	50
		12	23.10	18.24	3.48	68		11–10	50
		14	22.95	18.65	3.23	63		11–10	65
		16	22.80	19.04	2.81	56		16–5	140
	4	0	22.40	11.25	4.55	81		9–20	25
		2	22.25	11.25	4.72	84		10–16	0
		3	21.95						
		4	23.20	13.62	3.57	66		9–15	40
		6	23.10	16.07	3.07	58		14–13	75
		8	23.00	17.73	3.28	63		12–16	200
		10	22.80	18.24	3.28	63		16–12	170
		12	22.60	18.70	3.07	60		18–71	210
		14	22.70	18.99	1.78	35		25–13	220
		16	22.60	19.02	1.51	29		28–10	200
		18	22.60	19.14	1.11	22		30–13	300
	4a	0	22.65	11.06	4.67	83		10–19	40
		2	22.20	11.09	4.79	85		10–21	25
		3	22.60						
		4	23.40	15.14	3.41	64		12–17	70
		6	23.25	15.58	3.23	61		12–22	110
		8	22.90	16.51	3.07	59		14–17	150
		10	22.75	18.36	2.03	39		20–18	260
		12	22.60	18.75	2.03	39		26–13	290
		14	22.55	19.48	1.45	29		30–9	310
	4b	0	22.75	10.56	4.55	81		10–24	35
		2	22.65	11.98	3.90	70		10–26	40
		4	23.25	13.97	3.74	69		11–28	40
		6	22.90	15.93	2.45	46		16–24	80
		8	22.80	17.78	1.56	30		26–18	160
		10	22.65	18.41	1.53	30		31–17	230
		13	22.55	18.97	0.89	17		32–12	300

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 °/o	pH	PO_4-P	NO_3-N
1955									
23.iii	5	0	23.25	10.66	4.93	89		8–22	40
		2	23.10	12.29	3.90	71		9–17	25
		4	23.05	15.63	1.61	30		25–24	25
		6	22.80	16.90	0.95	18		31–25	40
		8	22.70	18.02	0.34	7		40–23	75
		10	22.70	18.41	0.45	9		40–25	70
		12	22.70	18.80	0.62	12		41–20	170
	6	0	23.30	9.77	5.37	95		9–20	50
		2	23.25	12.49	3.90	71		8–17	35
		4	22.95	14.80	2.68	50		27–21	35
		6	22.80	16.51	1.11	21		36–22	50
	7	0	23.80	10.81	4.61	84		11–25	50
		1	23.50	14.80	2.40	45		16–24	25
		2	23.40	15.19	2.08	39		29–15	0
		3	22.90	15.83	1.23	23		45–31	30
31.iii	3	0	20.70	14.12	4.76	85		8–11	0
		2	20.80	14.22	4.98	90		6–12	10
		4	20.75	14.32	4.90	88		6–12	30
		5	21.30						
		6	22.40	15.97	4.03	76		8–13	55
		9	22.70	17.77	3.23	62		11–6	95
	3a	0	21.00	14.22	4.79	86		7–13	45
		2	21.50	14.42	4.66	85		6–19	40
		4	22.00	14.79	3.98	73		8–14	40
		6	22.55	15.82	3.17	60		8–13	65
		8	22.80	17.06	2.63	50		10–14	115
		10	22.80	18.03	2.17	42		15–7	140
		12	22.70	18.46	2.68	52		14–17	95
		14	22.65	18.99	3.69	72		11–8	50
		16	22.65	19.03	3.69	72		13–2	35
	4	0	20.75	13.73	4.66	83		11–5	30
		2	20.50	13.73	4.84	86		7–15	0
		3	19.75						
		4	21.85	14.34	4.37	80		4–17	0
		5	22.95						
		6	22.80	16.62	2.89	57		11–11	80

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl ‰	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
31.iii	4	8	22.75	17.65	2.45	47		17-11	130
		10	22.70	18.08	1.95	38		24-3	170
		12	22.70	18.81	2.00	39		21-6	170
		14	22.65	18.99	2.45	48		18-8	100
		16	22.65	19.04	2.84	55		19-5	90
		18	22.65	19.10	3.02	59		19-10	90
	4a	0	20.90	13.14	5.16	91		5-24	0
		2	20.85	13.29	5.32	94		9-14	0
		3	20.60						
		4	22.95	15.20	3.84	72		6-17	50
		6	22.95	16.06	2.78	52		7-11	80
		8	22.70	17.67	2.12	41		17-14	170
		10	22.70	18.42	1.39	27		21-8	210
		12	22.70	18.91	1.22	24		27-8	210
		14	22.70	19.37	1.11	22		29-4	260
	4b	0	21.00	11.98	5.37	94		8-18	0
		1	21.15						
		2	21.85	13.73	5.31	96		9-26	0
		3	22.55						
		4	23.00	15.72	2.63	50		12-17	80
		6	22.80	16.77	2.22	42		16-14	170
		8	22.80	17.57	1.22	23		18-18	190
		10	22.65	18.33	0.95	18		24-16	220
		13	22.65	18.99	0.50	10		30-11	260
	5	0	21.95	12.74	5.09	91		8-17	0
		2	21.50	13.24	4.98	89		8-31	0
		3	23.05						
		4	22.95	16.26	2.39	45		22-16	25
		6	22.80	17.26	1.33	25		33-7	10
		8	22.70	18.18	0.62	12		33-19	25
		10	22.70	18.76	0.06	1		37-12	170
		12	22.70	18.91	0.20	4		37-15	220
	6	0	21.25	9.48	5.52	95		9-17	35
		1	21.80						
		2	22.45	11.36	4.66	83		8-18	25
		3	23.20						
		4	23.00	14.47	2.95	55		18-15	0
		6	22.70	16.43	1.50	29		26-21	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
31.iii	7	0	21.55	10.20	5.56	97		10–18	35
		1	21.85	11.66	5.16	91		10–23	0
		2	22.35	12.87	4.66	85		11–15	10
		3	23.10	13.43	3.35	76		19–19	0
5.iv	3	0	21.40	13.68	4.92	89		9–10	30
		2	21.35	13.83	5.02	90		9–8	25
		4	21.75	14.42	5.02	92		9–10	35
		6	21.85	15.64	4.61	85		9–5	40
		9	22.40	17.48	4.28	82		11–3	35
	3a	0	20.85	13.58	4.72	84		9–9	25
		2	21.25	13.86	4.98	90		10–11	10
		4	21.70	15.94	4.38	82		11–10	40
		6	22.10	16.08	4.41	82		13–10	40
		8	22.40	17.55	3.79	72		11–5	65
		10	21.95	18.03	3.42	65		15–5	70
		12	21.85	18.38	3.57	68		10–2	50
		14	21.70	18.65	3.69	70		7–5	40
		16	21.65	19.15	4.03	77		9–8	0
	4	0	20.75	13.53	5.51	98		5–8	25
		2	20.50	13.53	5.51	97		5–12	0
		4	21.85	15.18	4.72	87		6–9	35
		5	22.65						
		6	22.95	16.18	3.64	85		6–14	90
		8	22.85	17.55	3.01	58		11–8	95
		10	22.65	18.36	2.63	51		14–6	120
		12	21.90	18.72	2.68	51		14–6	120
		14	21.85	18.99	3.17	61		11–5	65
		16	21.80	19.15	3.90	75		13–0	35
		18	21.80	19.30	4.41	85		11–0	0
		20	21.70	19.30	4.34	83		10–0	0
	4a	0	20.75	13.53	4.84	86		6–16	0
		2	20.70	13.58	4.88	87		6–18	0
		4	21.65	14.55	4.61	86		5–17	35
		5	22.90						
		6	23.00	16.28	3.52	67		12–6	100
		8	22.40	17.93	2.22	41		14–3	100

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
5.iv	4a	10	22.15	18.62	2.63	50		11-8	120
		12	22.00	18.91	3.23	62		15-3	80
		14	22.00	19.39	3.57	69		14-1	40
	4b	0	20.90	13.34	4.72	84		8-10	0
		2	21.00	13.63	5.09	91		8-10	0
		3	22.00						
		4	22.85	16.01	3.17	60		13-13	120
		6	22.85	17.04	2.95	56		14-7	120
		8	22.75	18.28	1.88	36		17-13	150
		10	22.25	18.67	1.88	36		25-1	150
		13	22.30	19.20	2.45	48		21-5	120
	5	0	21.25	13.93	4.72	85		6-20	0
		2	21.60	14.44	4.61	84		4-19	40
		3	22.90						
		4	23.10	16.77	2.63	50		23-13	60
		6	23.00	17.99	1.28	25		30-19	140
		8	22.90	18.55	1.00	20		33-4	190
		10	22.85	18.91	0.56	11		39-9	220
		12	22.80	19.01	0.78	15		38-6	220
	6	0	20.85	11.38	6.21	108		4-23	0
		1	20.85						
		2	22.80	14.10	5.02	93		5-25	65
		4	23.00	15.20	2.84	55		16-21	50
		6	23.00	17.30	1.61	31		27-26	50
	7	0	21.15	10.87	6.40	111		12-30	0
		1	22.10	12.94	4.88	88		8-27	30
		2	22.70	14.42	3.42	64		17-37	25
		3	22.90	15.40	3.12	59		15-23	30
15.iv	3	0	18.35	14.70	6.00	104		4-11	0
		2	18.85	15.49	5.66	99		5-14	25
		4	19.35	16.10	5.60	100		4-13	30
		6	19.35	16.80	4.96	89		5-5	30
		9	19.50	17.54	4.96	90		6-10	25

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
15.iv	3a	0	18.35	14.55	6.15	106		4-10	25
		2	18.70	14.85	6.33	110		2-12	30
		4	19.35	15.49	5.57	98		4-12	30
		6	20.00	16.05	5.66	102		6-7	35
		8	20.30	17.44	4.75	105		7-11	60
		10	20.25	17.71	4.18	77		9-10	60
		12	19.95	18.44	3.91	72		7-11	50
		14	20.05	18.60	4.18	78		7-6	40
		16	20.00	18.85	4.24	79		7-9	25
		17	20.00	18.90	4.44	83		8-13	10
	4	0	18.15	14.41	6.27	107		2-18	0
		2	18.45	14.41	6.38	110		3-11	0
		3	18.60						
		4	20.00	15.73	5.52	99		5-15	30
		5	20.75						
		6	20.85	16.74	4.66	105		4-17	65
		8	20.65	17.10	4.18	95		6-8	80
		10	20.60	18.31	3.44	64		12-7	100
		12	20.55	18.65	3.18	59		13-9	110
		14	20.25	18.94	3.35	63		16-4	75
		16	20.10	18.94	3.88	72		14-2	75
		18	20.10	19.04	4.18	78		12-2	40
		20	20.10	19.09	4.36	81		12-6	30
	4a	0	18.20	14.16	6.32	108		7-2	0
		2	18.50	14.29	6.53	112		5-8	0
		3	19.50						
		4	20.25	14.90	6.09	108		5-4	0
		5	20.95						
		6	21.20	16.36	4.86	90		8-3	65
		8	21.05	17.49	3.85	72		11-8	95
		10	20.90	18.58	3.01	57		15-7	120
		12	20.70	18.80	2.77	52		18-4	95
		14	20.30	18.99	3.29	62		15-5	85
	4b	0	18.90	13.97	6.70	115		4-5	0
		2	19.15	14.26	6.80	118		5-9	0
		3	19.75						
		4	20.95	15.97	5.65	104		5-16	40

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl ‰	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
15.iv	4b	6	21.60	17.19	3.98	75		11-4	100
		8	21.50	18.02	3.12	59		11-9	120
		10	21.50	18.70	2.44	46		19-7	150
		13	21.40	18.90	2.16	41		23-16	140
	5	0	19.15	14.24	6.57	114		5-8	0
		1	18.35						
		2	19.20	14.55	6.53	114		4-6	0
		3	20.35						
		4	21.35	15.97	5.46	101		6-13	40
		6	21.85	16.95	3.41	64		10-20	110
		8	21.75	17.86	2.27	43		21-9	190
		10	21.75	18.60	1.41	27		26-7	180
		12	21.70	18.90	1.25	24		28-5	180
	6	0	18.75	12.06	7.16	121		8-18	35
		1	19.45						
		2	20.15	13.38	7.24	127		6-14	0
		3	20.45						
		4	21.75	15.24	5.60	103		7-8	70
		6	21.95	16.61	3.81	71		11-20	150
	7	0	19.05	8.05	6.26	102		6-17	130
		1	20.70	10.81	6.92	119		6-19	45
		2	20.90	12.47	6.04	106		6-10	50
		3	21.30	13.21	5.13	92			80
28.iv	3	0	18.50	16.24	5.19	91		5-8	0
		2	18.75	17.03	5.35	96		5-7	0
		4	18.90	17.57	5.33	96		5-9	0
		6	18.95	17.57	4.79	86		4-9	0
		9	19.05	18.14	4.33	79		15	0
	3a	0	18.50	15.49	5.23	92		10-8	0
		2	18.55	16.09	5.40	95		7-12	25
		4	18.55	16.91	5.26	93		4-10	10
		6	18.65	17.27	5.11	91		4-10	0
		8	18.65	17.87	4.28	77		4-10	0
		10	18.75	18.21	4.88	88		6-5	0
		12	18.75	18.50	4.94	89		5-7	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.iv	3a	14	18.75	18.68	5.15	94		4-4	0
		16	18.90	18.95	5.04	92		7-6	0
		18	18.90	19.05	4.97	91		8-5	0
	4	0	19.00	15.09	5.30	93		3-12	0
		2	18.70	15.09	5.50	96		4-16	0
		4	18.70	15.82	5.20	91		4-12	0
		6	18.95	16.51	5.11	91		3-9	0
		8	18.95	17.67	4.78	86		6-5	0
		10	18.95	18.34	4.63	84		6-4	0
		12	18.80	18.58	4.81	87		8-5	0
		14	18.80	18.83	4.81	87		5-4	0
		16	18.80	18.95	4.92	89		4-5	0
		18	18.80	18.98	5.04	92		5-8	0
		20	18.80	19.14	5.26	96		4-9	0
	4a	0	18.90	15.00	5.56	97		5-9	0
		2	18.60	15.69	5.38	94		4-15	0
		4	18.90	16.28	5.44	96		5-12	0
		6	19.20	16.63	4.94	88		7-8	0
		8	19.25	17.80	4.74	86		7-10	0
		10	19.15	18.46	4.51	82		7-5	0
		12	19.05	18.95	4.38	80		6-10	0
		14	19.05	19.00	4.63	85		3-8	0
	4b	0	18.90	15.00	5.60	98		13-7	0
		2	18.70	15.67	5.80	102		4-19	0
		4	19.05	16.31	5.41	96		3-15	0
		6	19.45	17.22	4.74	86		3-11	10
		8	19.25	17.96	4.33	79		6-13	25
		10	19.20	18.46	4.24	78		6-10	35
		13	19.30	18.46	4.19	77		6-14	25
	5	0	19.25	15.89	5.60	99		5-17	0
		2	19.05	16.28	5.80	103		5-13	0
		4	19.45	16.58	5.73	103		6-19	0
		6	19.70	16.73	5.38	97		6-9	0
		8	19.50	18.36	3.93	72		6-10	40
		10	19.45	18.46	3.50	64		7-9	35
		12	19.45	18.70	3.55	65		9-11	40

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.iv	6	0	19.55	15.79	5.38	96		3-20	0
		2	19.05	15.94	5.46	97		3-11	0
		4	19.45	16.46	5.33	96		7-9	0
		6	19.70	17.17	4.83	88		6-10	10
	7	0	20.10	15.94	6.07	109		5-13	0
		1	19.35	16.53	5.85	105		4-7	0
		2	19.35	16.58	5.80	104		4-14	0
		3	19.60	17.03	5.50	100		7-9	0
10.v	3	0	17.45	17.06	5.16	90		0-16	0
		1	18.05						
		2	18.35	17.55	5.37	95		2-14	0
		4	18.55	17.95	5.09	92		2-14	0
		6	18.65	17.95	5.16	93		3-14	0
		9	18.65	18.09	4.98	90		3-7	0
	3a	0	17.45	16.25	5.61	97		1-15	0
		2	17.85	17.04	5.43	95		1-17	0
		4	18.25	17.11	5.52	98		1-15	0
		6	18.35	17.85	5.01	90		4-9	0
		8	18.45	17.95	5.04	90		4-13	0
		10	18.70	18.17	4.67	87		3-13	0
		12	18.70	18.32	4.67	87		2-13	0
		14	18.45	18.66	4.78	85		6-8	0
		16	18.45	18.81	4.72	85		6-8	0
		18	18.45	19.03	4.60	84		8-6	0
	4	0	17.00	15.58	5.37	91		0-13	0
		2	17.15	15.92	5.76	99		0-13	0
		3	17.95						
		4	18.25	16.91	5.37	95		2-16	0
		6	18.60	17.55	5.04	90		3-10	0
		8	18.55	17.90	4.78	86		3-11	0
		10	18.50	18.68	4.27	77		3-10	0
		12	18.45	18.68	4.60	83		7-6	0
		14	18.30	18.93	4.38	79		7-7	0
		16	18.30	19.03	4.42	80		7-10	0
		18	18.25	19.08	4.60	83		9-6	0
		20	18.25	19.12	4.47	81		9-10	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl ‰	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
10.v	4a	0	17.05	15.77	5.54	94		1-11	0
		2	17.20	15.77	5.68	97		0-14	0
		3	17.95						
		4	18.50	16.61	5.57	98		1-12	0
		6	18.75	17.50	4.60	83		1-30	0
		8	18.75	18.02	4.27	77		5-26	0
		10	18.75	18.49	3.88	70		5-5	25
		12	18.65	18.83	3.62	66		10-7	35
		14	18.55	18.93	3.83	70		10-6	25
	4b	0	17.55	15.67	6.66	114		1-14	0
		2	17.55	15.67	6.34	109		2-16	0
		3	18.05						
		4	18.55	16.91	5.76	102		0-20	0
		6	18.95	17.40	5.57	100		2-15	0
		8	18.80	18.29	3.78	69		7-8	25
		10	18.65	18.78	3.68	67		7-21	40
		13	18.65	18.93	3.78	69		12-16	25
	5	0	17.90	15.87	6.49	113		5-29	0
		2	17.85	15.87	6.49	113		4-27	0
		3	18.55						
		4	19.10	17.26	4.54	82		2-22	0
		6	19.15	17.85	4.01	73		0-17	0
		8	19.15	18.34	2.71	60		0-13	35
		10	18.90	18.63	2.14	39		2-17	40
		12	18.95	18.76	1.97	36		5-14	55
	6	0	18.05	15.38	6.34	109		0-19	0
		2	18.05	15.38	6.41	111		0-19	0
		3	18.35						
		4	19.20	15.58	5.81	102		0-20	0
		6	19.30	16.59	3.62	65		0-16	0
	7	0	18.30	14.27	7.08	122		0-25	0
		1	18.20	14.46	6.80	117		1-16	0
		2	18.20	14.58	7.08	121		0-23	0
		3	18.65	14.73	6.49	113		0-40	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
2.vi	3	0	14.40	17.50	5.57	93		4-15	0
		2	14.55	17.69	5.69	95		4-15	0
		4	15.10	18.21	5.76	98		5-10	0
		6	15.30	18.48	5.49	94		4-13	0
		9	15.50	18.87	5.38	93		7-9	0
	3a	0	13.15	15.97	5.76	92		3-13	0
		1	13.50						
		2	14.60	16.81	6.12	101		3-16	0
		4	14.75	17.30	6.18	103		5-14	0
		6	14.85	17.45	6.05	101		4-16	0
		8	15.05	17.89	5.81	98		4-16	0
		10	15.30	18.28	5.49	93		5-15	0
		12	15.40	18.38	5.38	92		5-15	0
		14	15.45	18.48	5.44	93		6-14	0
		16	15.45	18.72	5.09	87		7-10	0
	4	0	13.60	16.02	6.18	100		5-11	0
		2	14.00	16.71	6.29	102		5-15	0
		4	14.30	17.10	6.18	102		5-11	0
		6	14.30	17.30	6.23	103		4-16	0
		8	14.60	17.65	5.87	98		4-16	0
		10	15.05	17.84	5.57	94		4-12	0
		12	15.60	18.14	5.31	90		8-6	0
		14	15.75	18.41	5.04	87		5-13	0
		16	15.85	18.68	4.67	81		5-17	0
		18	15.85	18.72	4.60	79		5-23	0
		20	15.85	18.77	4.60	79		6-11	0
	4a	0	13.45	15.53	6.29	100		7-8	0
		1	14.40						
		2	14.40	15.82	6.34	104		8-10	0
		4	14.50	16.42	6.23	102		6-11	0
		6	14.60	17.20	6.00	100		5-18	0
		8	14.60	17.40	5.76	96		4-11	0
		10	14.90	17.60	5.62	94		3-13	0
		11	15.65						
		12	16.25	17.67	5.62	96		3-17	0
		14	16.25	17.89	5.09	88		7-17	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
2.vi	4b	0	13.90	16.61	6.05	99		3-21	0
		2	14.50	16.81	6.11	101		6-20	0
		4	14.50	17.06	6.05	102		6-13	0
		6	14.50	17.20	6.00	100		4-13	0
		8	14.45	17.45	5.81	96		5-12	0
		10	15.25	17.45	5.62	94		5-13	0
		11	16.05						
		13	16.15	18.19	4.98	86		5-18	0
	5	0	14.40	14.64	6.29	101		4-24	0
		2	14.15	16.40	6.11	100		4-18	10
		4	14.25	16.74	5.81	95		3-17	5
		6	14.35	17.06	5.62	93		3-16	0
		8	14.80	17.50	5.44	91		3-15	0
		10	15.05	17.50	5.38	90		3-15	0
		12	15.05	17.89	4.98	84		4-15	0
	6	0	14.40	13.05	6.49	102		7-11	0
		2	14.15	16.32	6.42	105		4-17	0
		4	14.15	16.47	5.87	96		3-19	0
		6	14.05	16.81	5.24	86		6-14	0
15.vi	3	0	13.10	13.73	7.02	109		2-12	0
		1	13.20						
		2	14.05	14.94	6.98	112		3-18	0
		3	14.65						
		4	15.10	15.88	6.50	107		2-12	0
		6	15.25	16.57	6.05	101		2-8	0
		9	15.35	17.51	5.67	96		3-7	0
	3a	0	12.55	13.60	7.02	107		3-6	0
		1	12.30						
		2	13.75	14.34	7.14	113		2-18	0
		3	14.85						
		4	15.25	16.08	6.30	105		2-10	0
		6	15.55	16.97	5.90	99		1-6	0
		8	15.55	17.90	5.20	89		2-4	0
		10	15.85	18.50	4.92	84		4-2	0
		12	16.05	18.50	4.78	83		4-3	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
15.vi	3a	14	16.15	18.64	4.74	82		6-2	0
		16	16.15	18.64	4.51	78		6-6	0
		18	16.15	18.74	4.23	74		6-8	0
	4	0	12.40	13.40	7.45	114		3-18	0
		1	12.45						
		2	14.15	13.99	7.02	111		3-9	0
		3	14.55						
		4	15.35	15.29	6.65	110		4-14	0
		6	15.75	16.77	5.55	94		4-10	0
		8	15.90	17.66	5.20	89		4-5	0
		10	16.00	18.25	4.69	81		4-8	0
		12	16.10	18.54	4.39	76		4-2	0
		14	16.10	18.69	4.23	74		6-0	0
		16	16.10	18.79	3.96	69		6-4	0
		18	16.10	18.84	3.96	69		10-3	0
		20	16.10	18.84	3.96	69		12-1	0
	4a	0	12.40	13.40	7.35	112		4-11	0
		1	12.50						
		2	13.90	13.89	7.64	121		4-13	0
		3	14.25						
		4	15.05	15.98	5.45	90		4-7	0
		6	15.70	16.38	4.64	78		5-8	0
		8	15.90	17.46	4.69	80		3-1	0
		10	16.00	18.05	4.01	69		3-5	0
		12	16.00	18.38	3.62	62		5-2	0
		14	16.00	18.64	3.40	59		5-5	0
	4b	0	12.60	13.20	7.51	115		6-9	0
		1	12.70						
		2	13.60	14.09	7.24	114		5-8	0
		3	14.30						
		4	15.20	15.29	6.45	106		5-11	0
		6	15.70	15.88	5.55	93		3-15	0
		8	15.95	17.26	4.23	72		4-9	0
		10	15.95	18.05	3.35	57		3-6	0
		13	16.00	18.54	3.35	58		5-1	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl ‰	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
15.vi	5	0	12.54	11.40	8.54	127		9-28	0
		1	12.65						
		2	13.70	13.80	7.70	121		9-14	0
		3	14.15						
		4	15.15	15.09	6.30	103		9-14	0
		6	15.65	16.18	4.83	81		3-8	0
		8	15.85	16.97	3.30	56		5-2	0
		10	15.90	17.51	3.17	54		6-5	0
		12	15.90	18.15	2.54	44		2-7	0
	6	0	11.80	8.38	7.17	102		4-18	170
		1	14.35						
		2	14.40	12.83	6.98	110		2-18	35
		3	14.75						
		4	15.35	13.60	5.74	93		3-16	10
		6	15.80	15.24	4.98	83		2-21	0
	7	0	12.25	8.38	6.00	86		5-18	200
		1	13.90	12.20	6.30	98		4-18	75
		2	14.75	12.20	5.90	93		3-14	90
		3	14.90	13.30	6.05	97		8-16	45
23.vi	3	0	9.60	13.00	7.98	115		4-7	30
		1	9.60						
		2	13.70	14.39	7.64	121		4-7	30
		4	15.00	15.88	7.17	118		0-10	10
		6	15.15	17.56	5.90	100		0-10	0
		9	15.25	18.20	5.40	92		0-10	0
	3a	0	11.65	12.60	8.46	126		3-8	10
		1	11.65						
		2	14.65	14.24	8.00	128		3-12	25
		4	15.45	16.47	6.13	101		3-8	25
		6	15.55	17.29	5.45	92		5-6	25
		8	15.45	17.95	5.20	88		2-7	25
		10	15.70	18.08	5.05	86		3-6	5
		12	15.95	18.15	5.13	88		3-6	5
		14	16.00	18.45	4.69	81		3-5	0
		16	16.10	18.74	4.83	84		0-8	0
		18	16.10	18.79	4.74	82		0-7	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
23.vi	4	0	10.90	12.00	8.51	108		2–8	5
		1	12.45						
		2	13.35	13.30	8.13	126		3–8	5
		3	14.75						
		4	15.45	14.84	6.98	115		2–10	0
		6	15.85	16.23	6.13	103		2–10	5
		8	16.00	17.95	4.83	83		0–11	5
		10	15.90	18.35	4.34	75		0–9	15
		12	15.90	18.45	4.01	69		0–9	10
		14	15.90	18.74	3.88	67		0–9	30
		16	15.90	18.84	3.88	67		0–9	30
		18	15.90	18.84	3.62	63		0–8	30
		20	15.90	18.89	3.72	65		0–8	30
	4a	0	9.95	12.30	8.70	125		3–22	15
		1	11.20						
		2	12.95	12.85	8.70	133		3–9	10
		3	15.60						
		4	15.70	15.78	6.98	116		0–9	35
		6	15.80	16.92	4.98	84		0	5
		8	16.00	17.95	3.88	67		0–10	0
		10	16.00	18.45	3.29	57		0–6	0
		12	15.95	18.54	3.23	56		0–7	5
		14	15.95	18.74	3.22	56		0–6	5
	4b	0	10.75	11.60	8.64	125		9–4	10
		1	12.00						
		2	14.20	13.89	7.92	126		4–19	0
		3	15.45						
		4	15.60	14.99	6.57	108		2–14	0
		6	15.80	16.97	4.39	74		2–10	0
		8	15.90	17.76	3.05	52		0–8	5
		10	16.00	18.35	2.63	45		0–8	0
		13	16.00	18.64	2.37	41		2–7	0
	5	0	11.20	10.59	8.38	121		3–25	40
		1	11.65						
		2	15.10	13.30	7.30	117		3–18	10
		4	15.75	15.53	5.45	91		0–15	0
		6	16.00	16.67	3.52	60		0–10	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
23.vi	5	8	16.00	17.86	1.94	33		1-7	0
		10	16.10	18.25	1.07	18		2-7	0
		12	16.10	18.45	0.59	10		0-9	5
	6	0	10.95	10.39	8.64	123		3-25	35
		1	14.15						
		2	14.90	13.40	7.51	120		3-17	15
		3	15.55						
		4	15.85	16.08	3.68	62		0-18	0
		6	16.00	17.07	1.94	33		0-13	25
	7	0	13.40	11.70	8.05	123		6-12	10
		1	13.65	13.00	6.77	105		6-20	0
		2	15.35	13.84	5.55	90		2-18	0
		3	15.80	15.48	3.30	55		0-18	0
7.vii	3	0	14.60	13.10	7.09	112		3-5	0
		1	14.60						
		2	15.40	14.39	7.17	117		0-6	0
		4	15.90	16.08	6.79	114		0-3	0
		5	16.50						
		6	16.60	17.36	6.06	104		0-10	0
		9	16.80	18.35	5.64	99		0-2	0
	3a	0	14.30	12.60	7.50	117		1-4	0
		1	14.45						
		2	15.30	14.79	6.96	114		4-1	0
		3	16.10						
		4	16.20	15.68	6.68	112		4-4	0
		6	16.20	17.26	5.49	94		0-0	0
		8	16.65	17.86	5.36	93		0-3	0
		10	16.80	18.35	5.55	97		0-4	0
		12	16.80	18.74	5.30	93		0-4	0
		14	16.90	18.89	5.49	97		1-3	0
		16	16.95	19.04	5.44	96		0-1	0
		18	16.95	19.04	5.55	98		0-3	0
	4	0	13.95	12.50	7.45	116		2-5	0
		1	14.05						
		2	15.00	14.29	7.03	114		3-6	0
		3	15.60						

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
7.vii	4	4	15.75	15.68	6.13	102		2-7	0
		6	16.10	17.36	5.36	91		3-0	0
		8	16.10	17.86	5.30	91		3-2	0
		10	16.10	18.35	4.72	81		6-0	0
		12	16.20	18.54	4.77	83		5-3	0
		14	15.85	18.79	4.32	75		7-0	0
		16	15.85	18.84	4.13	72		7-1	0
		18	15.95	18.84	3.93	68		10-0	0
		20	15.95	19.04	3.82	66		8-0	0
	4a	0	13.80	12.30	7.22	112		3-1	0
		1	13.65						
		2	14.75	14.09	6.85	110		3-0	0
		4	15.30	15.38	6.00	99		0-7	0
		6	15.60	16.77	4.83	81		3-0	0
		8	15.85	17.66	4.52	77		1-2	0
		10	15.75	17.90	4.20	72		2-1	0
		12	15.85	18.64	3.88	67		6-1	0
		14	15.85	19.43	3.60	63		6-1	0
	4b	0	13.40	11.50	7.36	112		4-4	0
		1	13.95						
		2	14.65	13.30	7.03	112		3-9	0
		4	15.05	14.79	6.13	100		0-5	0
		6	15.45	16.50	5.49	92		3-7	0
		8	15.70	17.36	3.88	66		3-2	0
		10	15.70	18.25	3.32	57		9-0	0
		13	15.70	18.30	2.96	51		9-0	0
	5	0	14.55	12.00	7.45	117		1-9	0
		1	13.80						
		2	14.85	13.45	7.22	115		0-6	0
		4	15.05	15.78	6.00	99		0-7	0
		6	15.65	16.67	4.38	74		0-6	0
		8	15.70	17.66	3.32	57		3-7	0
		10	15.75	17.95	2.78	48		6-2	0
		12	15.70	18.35	2.17	37		6-10	0

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
7.vii	6	0	13.45	12.20	7.22	111		3–11	0
		1	14.85						
		2	14.75	14.09	6.30	101		1–11	0
		4	15.45	15.98	4.83	79		0–4	5
		6	15.60	17.07	3.36	57		0–2	5
	7	0	13.25	10.29	6.85	104		2–6	35
		1	14.85	12.20	6.60	105		3–3	25
		2	14.80	12.90	5.64	92		3–4	0
		3	15.00	14.99	6.36	98		3–4	55
29.vii	3	0	13.35	4.54	5.74	80		6–41	130
		1	12.90						
		2	13.40	9.82	5.58	83		5–21	80
		4	13.60	12.11	5.55	85		2–13	50
		6	14.10	15.96	5.36	87		2–13	15
		9	14.30	16.10	5.38	88		2–13	15
	3a	0	13.20	4.28	5.45	76		10–34	140
		1	12.80						
		2	13.20	8.42	5.85	85		4–32	85
		4	13.45	13.00	5.60	87		2–16	35
		6	13.90	14.97	5.40	86		1–14	10
		8	14.35	16.25	5.27	86		3–13	0
		10	14.30	17.08	5.20	86		3–10	0
		12	15.05	17.43	5.27	88		1–11	0
		14	15.60	18.01	4.74	81		2–11	15
		16	15.60	18.50	4.01	69		7–48	20
	4	0	13.15	3.83	5.60	78		13–32	140
		2	12.85	8.92	5.80	85		6–21	80
		4	13.25	12.65	5.60	86		4–15	55
		6	13.85	14.48	5.55	88		0–24	15
		8	14.15	16.01	5.36	87		3–8	0
		10	14.45	16.89	5.50	91		0–7	0
		12	15.20	17.33	5.04	85		0–11	0
		14	15.50	17.82	4.74	81		4–9	15
		16	15.50	18.11	4.28	73		0–13	0
		18	15.50	18.40	4.34	74		2–19	5

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
29.vii	4a	0	13.05	3.62	5.90	81		11-47	120
		2	12.95	8.34	5.85	85		4-28	75
		4	13.25	11.56	5.66	86		4-20	45
		6	13.55	15.07	5.50	88		0-11	0
		8	14.25	15.66	5.32	86		0-21	0
		10	14.60	16.74	5.26	87		0-8	0
		12	15.20	17.13	5.04	85		0-10	0
		14	15.45	17.43	4.64	78		0-14	10
	4b	0	13.15	4.33	6.05	84		8-33	160
		2	13.15	8.01	6.00	87		5-27	100
		4	13.40	12.01	5.66	82		5-11	55
		6	13.50	15.07	5.50	87		0-11	0
		8	14.15	15.76	5.48	89		0-9	0
		10	14.85	16.64	5.63	93		0-13	0
		13	15.35	17.28	4.39	74		0-12	0
	5	0	12.80	3.11	6.05	83		18-37	160
		2	13.30	8.45	5.60	82		8-33	100
		4	13.35	13.10	5.26	81		2-20	20
		6	13.60	13.69	5.20	81		4-17	20
		8	14.50	15.81	4.69	76		1-8	0
		10	14.65	16.40	4.57	75		1-7	0
	6	0	12.75	3.88	5.50	76		12-35	160
		2	13.20	9.22	5.36	79		6-19	85
		4	13.75	12.16	5.63	87		5-14	35
		6	13.75	14.28	4.57	72		4-52	15
	7	0	11.95	3.67	5.50	75		16-30	190
		1	13.15	10.17	4.78	71		10-24	85
		2	13.75	12.11	4.28	66		6-31	75
19.viii	3	0	14.10	1.16	5.56	76		21-28	110
		2	13.90	1.18	5.93	81		23-15	110
		4	13.90	1.27	5.80	79		19-24	110
		6	14.60	4.76	5.69	82		21-13	90
		9	15.00	12.54	4.72	75		18-6	65
	3a	0	14.35	1.08	5.74	79		21	110
		2	14.05	1.08	5.56	76		22	110

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
19.viii	3a	4	13.90	1.13	5.56	76		28	120
		6	14.45	7.19	5.37	79		16	95
		8	14.60	12.06	4.48	70		16	70
		10	14.90	12.96	4.42	70		21	65
		12	15.10	15.37	4.16	68		14	55
		14	15.30	17.41	3.84	65		17	60
		16	15.30	17.80	3.57	61		20	60
	4	0	13.95	0.93	5.44	74		23	120
		2	13.90	0.93	5.52	75		26	120
		4	13.80	0.93	5.61	77		25	120
		6	14.35	7.55	5.24	77		14	90
		8	14.50	11.49	4.28	67		12	75
		10	14.85	11.94	4.22	66		14	75
		12	15.10	15.69	3.96	65		12	70
		14	15.25	17.11	3.46	58		15	80
		16	15.30	17.85	2.95	50		17	80
		18	15.30	18.10	3.02	51		20	85
		20	15.30	18.15	2.68	46		18	80
	4a	0	14.30	0.87	5.24	72		20–25	100
		2	13.95	0.87	5.44	74		21–19	95
		4	13.80	0.91	5.52	75		21–21	110
		6	14.35	5.12	5.24	75		15–10	100
		8	14.45	8.81	4.42	66		15–15	85
		10	14.85	13.78	3.28	53		13–9	70
		12	15.25	15.93	2.84	47		13–0	65
		14	15.30	15.22	3.12	51		15–0	80
	4b	0	14.15	0.80	5.56	76		26–24	100
		2	13.90	0.80	5.56	76		25–27	110
		4	13.90	0.80	5.56	76		23–37	95
		6	14.15	7.29	4.42	65		17–8	85
		8	14.60	9.61	3.96	60		17–13	70
		10	15.00	13.16	3.01	48		18–10	65
		13	15.30	16.18	2.45	41		20–8	70
	5	0	14.25	0.67	5.17	71		20–27	110
		2	13.90	0.67	5.32	73		18–26	75
		4	13.90	0.67	5.37	73		10–36	80

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
19.viii	5	6	14.15	7.19	4.22	62		11-23	60
		8	14.80	9.34	3.46	53		16-16	65
		10	14.90	12.66	2.72	43		16-9	65
		12	15.00	15.34	1.67	27		18-6	65
	6	0	13.85	0.55	4.55	62		20-21	100
		2	13.70	0.60	5.17	70		20-19	100
		4	13.75	0.67	4.98	68		18-20	95
		6	14.40	4.18	4.48	64		19-18	85
	7	0	12.80	0.46	4.48	60		15-28	85
		1	12.95	0.41	5.03	67		17-20	80
		2	12.95	0.36	4.88	65		18-22	80
		3	13.05	0.41	4.88	65		18-25	90
29.viii	4b	0	11.50	0.40	4.62	60		17-9	70
		2	11.85	0.40	5.52	72		18-13	70
		4	12.50	0.40	5.99	79		19-43	70
		6	12.60	0.41	5.56	74		18-42	70
		8	12.90	4.18	4.93	68		18-41	65
		10	13.25	13.00	2.06	32		21-49	100
		13	13.60	16.42	1.04	17		26-42	160
7.ix	3	0	15.35	0.77	5.67	80		17-21	100
		2	15.05	0.72	5.91	82		23-11	100
		4	15.15	0.72	5.73	80		23-17	100
		6	15.15	0.72	5.60	78		23-13	100
		9	15.05	10.46	3.93	61		24-3	120
	3a	0	15.75	0.82	5.80	84		25-29	100
		2	15.15	0.77	5.96	83		19-28	95
		4	15.15	0.77	5.86	82		23-29	95
		6	15.15	0.77	5.86	82		22-34	95
		8	15.05	4.13	5.05	73		21-23	100
		10	15.00	8.67	3.61	64		21-17	140
		12	15.20	14.23	2.78	45		19-18	150
		14	15.35	16.74	1.96	33		21-21	190
		16	15.45	17.43	1.30	22		24-14	210
		18	15.45	17.67	0.88	15		27-26	220

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
7.ix	4	0	15.70	0.77	5.73	81		21-23	100
		2	15.35	0.77	5.73	80		21-24	100
		4	15.30	0.77	5.91	83		20-33	100
		6	15.10	0.77	5.80	81		20-28	100
		8	14.75	6.40	4.51	66		19-33	120
		10	15.05	14.38	2.34	38		24-8	200
		12	15.30	15.27	2.07	34		19-5	200
		14	15.40	16.40	1.75	29		21-3	220
		16	15.40	17.67	1.03	18		21-10	220
		18	15.45	18.01	0.77	13		28-4	230
		20	15.45	18.01	0.66	11		33-26	240
	4a	0	15.70	0.77	5.86	83		25-15	70
		2	15.30	0.77	5.97	84		23-6	75
		4	15.20	0.77	6.02	84		20-15	75
		6	15.20	0.77	5.97	84		23-15	80
		8	14.65	3.57	5.46	78		18-41	90
		10	15.05	10.76	3.10	48		23-22	190
		12	15.20	14.83	1.63	27		26-7	230
		14	15.45	17.28	0.77	13		22-21	240
	4b	0	15.55	0.72	6.07	86		17-35	70
		2	15.05	0.72	5.91	82		20-23	75
		4	15.15	0.72	5.86	82		18-24	85
		6	15.15	0.72	5.86	82		21-23	70
		8	14.60	7.26	4.33	64		24-29	140
		10	15.15	11.21	2.66	42		22-23	120
		13	15.45	15.32	1.25	21		26-21	170
	5	0	15.55	0.51	5.97	84		32-20	60
		2	15.30	0.51	5.97	84		28-26	60
		4	15.45	0.56	5.86	82		26-21	65
		6	15.45	0.67	5.42	76		18-27	65
		8	14.60	7.04	4.12	61		22-30	120
		10	15.00	10.12	2.89	45		20-18	90
		12	15.10	12.47	1.57	25		28-7	70
	6	0	15.40	0.77	5.38	76		15-22	75
		2	15.10	0.77	5.38	75		16-16	80
		4	15.25	0.77	5.33	75		16-27	80
		6	15.25	0.77	4.87	68		34-95	90

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
7.ix	7	0	14.30	0.72	5.26	72		18-39	65
		1	14.30	0.72	5.26	72		16-30	70
		2	14.30	0.72	4.98	69		19-29	70
		3	14.30	0.72	5.38	74		18-59	70
14.ix	4	0	15.65	0.92	5.27	75		20-15	90
		2	15.85	0.92	5.36	76		20-15	95
		4	15.95	5.45	5.36	80		20-11	85
		6	15.90	11.06	4.92	78		18-4	70
		8	15.85	13.58	4.64	76		14-0	70
		9	15.70						
		10	14.90	14.18	3.92	63		16-3	110
		12	15.15	16.35	2.75	46		17-5	150
		14	15.25	17.04	1.29	22		22-3	180
		16	15.30	17.62	0.71	12		25-8	240
		18	15.30	17.82	0.76	13		27-0	250
		20	15.30	17.97	0.24	4		29-4	260
	4b	0	15.80	0.92	5.55	79		20-20	100
		2	15.70	0.92	5.32	75		18-13	100
		4	15.45	3.11	5.27	76		20-15	100
		6	15.85	7.66	5.13	79		18-21	95
		8	15.45	12.85	4.02	64		18-3	120
		10	15.10	14.68	2.64	43		18-0	160
		13	15.15	16.40	1.45	24		20-0	150
26.ix	3	0	18.10	1.89	7.29	109		8-14	10
		1	17.10						
		2	16.80	6.51	6.21	95		6-21	35
		4	16.65	8.82	6.21	99		5-15	20
		6	16.70	12.11	5.56	91		5-15	20
		9	16.70	15.37	5.03	85		10-10	10
	3a	0	17.30	1.79	7.43	109		8-22	10
		2	17.15	4.03	7.24	109		6-19	10
		4	16.60	9.87	5.93	94		3-13	45
		6	16.70	12.40	5.44	89		6-10	45
		8	16.70	14.28	5.17	86		7-9	30
		10	16.70	16.06	5.03	86		4-10	20

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
26.ix	3a	12	16.65	16.61	5.03	86		6-10	10
		14	16.40	17.13	5.09	87		7-14	5
		16	16.15	17.82	3.55	61		14-15	60
	4	0	16.65	1.64	7.47	109		11-0	5
		1	15.75						
		2	15.95	3.12	7.05	103		10-21	30
		4	16.10	8.42	5.50	85		8-27	45
		6	16.00	12.01	4.98	80		6-6	50
		8	16.25	14.87	4.48	75		10-4	65
		10	15.45	15.96	3.96	66		13-6	95
		12	15.60	16.15	3.12	52		15-4	110
		14	15.45	17.18	1.99	34		18-5	140
		16	15.15	17.28	1.56	26		26-3	140
		18	15.30	17.72	0.89	15		31-0	130
		20	15.30	17.72	0.78	13			140
	4a	0	17.65	1.69	7.36	108		18-14	10
		1	17.15						
		2	16.95	3.42	6.88	102		15-17	10
		4	16.40	7.46	6.16	95		14-4	35
		6	16.30	12.01	5.17	83		13-4	55
		8	16.00	14.28	4.22	70		16-0	80
		10	15.80	15.56	3.64	61		19-0	120
		12	15.55	16.64	2.72	46		26-0	170
		14	15.45	17.18	1.83	31		29-2	160
	4b	0	17.50	1.64	7.11	105		12-23	10
		1	17.30						
		2	16.95	3.22	6.57	97		11-24	35
		3	16.10						
		4	16.50	8.72	5.52	86		8-19	50
		6	16.15	13.79	4.34	71		16-11	80
		8	15.85	13.89	3.90	64		12-21	95
		10	15.70	16.06	2.84	48		18-4	190
		13	15.55	16.45	2.12	36		20-24	170
	5	0	17.35	1.54	6.73	99		14-16	40
		2	16.90	3.60	5.93	88		13-22	70
		3	16.10						

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
26.ix	5	4	15.95	8.52	2.12	33		11-30	70
		6	15.65	12.90	3.64	59		17-0	110
		8	15.55	14.41	2.57	42		16-6	160
		10	15.50	15.76	1.73	29		19-1	200
		12	15.50	16.06	1.67	28		20-15	210
	6	0	17.30	1.43	6.04	88		17-22	95
		1	17.10						
		2	16.30	5.85	5.03	77		16-16	95
		3	15.75						
		4	15.55	9.15	3.90	60		18-11	110
		6	15.55	12.65	2.34	37		19-3	140
	7	0	17.00	0.77	5.38	78		30-19	110
		1	16.90	1.43	4.84	71		26-25	110
		2	16.00	6.00	4.28	65		20-18	110
		3	15.60	5.60	3.23	48		23-85	110
4.x	4b	0	17.95	1.34	5.52	82		9-28	70
		1	17.50						
		2	16.90	1.86	5.56	80		10-19	20
		3	16.20						
		4	16.05	8.64	4.16	64		11-17	120
		6	15.70	11.65	3.35	53		8-16	190
		8	15.70	14.55	2.23	37		13-7	250
		10	15.75	15.54	1.67	28		14-11	230
		13	15.75	16.98	1.28	22		16-21	220
25.x	3	0	16.70	1.14	5.24	76		21-21	100
		2	16.70	1.24	5.56	80		30-5	100
		4	16.30	6.41	5.48	83		25-0	100
		6	16.40	8.74	4.92	77		23-3	110
		8	16.55	13.65	3.90	64		20-0	120
	4	0	17.05	1.08	6.04	88		30-12	90
		2	16.65	1.08	5.68	82		26-19	100
		4	16.25	6.05	5.09	77		25-4	110
		6	16.60	11.80	3.84	62		19-9	170
		8	16.55	14.15	2.64	44		20-0	180
		10	16.65	15.49	2.12	36		18-7	210

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl ‰	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
25.x	4	12	16.65	17.08	1.78	31		18–6	190
		14	16.70	17.08	1.67	29		17–7	170
		16	16.70	17.47	1.56	27		19–0	180
		18	16.70	17.57	1.95	34		19–0	160
		20	16.70	17.57	1.73	30		19–3	150
	4b	0	17.40	0.83	5.68	83		21–11	100
		1	17.05						
		2	16.80	1.24	5.52	80		25–9	100
		3	16.80						
		4	16.20	6.51	4.92	75		26–8	140
		6	16.40	8.48	4.02	63		25–7	170
		8	16.40	12.90	1.98	32		21–4	210
		10	16.50	15.79	1.00	17		21–6	220
		13	16.60	16.88	0.89	15		18–15	190
	5	0	18.00	0.78	5.48	80		24–10	100
		1	17.55						
		2	17.40	0.78	5.68	83		30–10	90
		3	16.90						
		4	16.25	5.95	4.34	66		28–4	160
		6	16.25	10.00	2.72	43		24–0	200
		8	16.40	14.50	0.95	16		20–8	240
		10	16.40	15.59	0.73	12		21–4	240
		12	16.40	16.19	0.89	15		21–8	240
	7	0	17.75	0.67	5.17	76		28–11	100
		1	17.50	0.67	5.24	77		29–3	95
		2	17.30	0.67	5.17	75		30–10	95
		3	16.55	1.96	4.84	70		25–7	110
18.xi	5	0	20.75	6.04	5.32	87		2–3	0
		1	20.15						
		2	18.90	11.79	5.23	88		3–6	0
		3	17.60						
		4	17.55	14.61	3.46	59		4–3	70
		6	18.00	15.38	3.12	54		6–2	70
		8	18.20	17.04	2.82	50		11–1	65
		10	18.35	17.54	2.76	49		12–2	80
		12	18.60	17.99	3.40	61		17–0	50

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.xi	3	0	18.70	10.59	5.46	91		11	0
		2	18.35	12.19	5.40	90		11	0
		3	17.65						
		4	17.50	13.19	5.50	92		11	0
		6	17.40	15.33	4.98	85		4	0
		9	17.60	17.95	4.98	88		2	0
	3a	0	21.20	10.19	5.34	92		10	10
		1	21.10						
		2	20.45	11.99	5.46	95		8	5
		3	19.40						
		4	19.10	15.87	5.26	93		7	0
		6	19.20	16.22	5.06	90		8	0
		8	19.10	17.45	4.98	90		8	10
		10	19.20	18.24	4.98	91		9	70
		12	19.30	18.54	5.10	93		11	5
		14	19.40	18.73	5.13	95		12	10
		16	19.40	18.73	5.26	97		16	5
		18	19.40	18.73	5.30	97		18	5
	4	0	21.85	10.09	5.21	91		6	15
		1	21.70						
		2	20.20	12.44	5.34	93		6	10
		3	19.75						
		4	19.50	12.54	4.95	85		7	5
		6	19.25	16.30	4.80	86		10	5
		8	19.45	17.70	4.19	76		10	20
		10	19.25	18.09	4.15	76		12	30
		12	19.35	18.44	3.97	73		14	50
		14	19.60	18.54	4.09	75		15	40
		16	19.85	18.73	4.64	86		14	20
		18	19.80	18.78	4.98	92		10	30
	4a	0	22.10	9.84	5.85	102		6	10
		1	21.00						
		2	20.00	13.59	5.50	96		9	10
		3	19.55						
		4	19.35	14.68	6.28	110		5	40
		6	19.35	17.06	4.78	86		8	30
		8	18.95	17.80	4.19	76		8	20

Location: SWAN RIVER

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.xi	4a	10	18.95	18.14	4.06	74		12	40
		12	18.90	18.29	3.74	68		14	50
		14	18.90	18.44	3.53	64		16	60
	4b	0	22.55	9.68	5.67	99		1	0
		1	22.55						
		2	20.15	11.79	5.60	98		2	0
		3	19.30						
		4	19.30	15.08	5.21	92		2	0
		6	19.05	17.06	4.29	77		2	10
		8	18.75	17.70	3.97	71		6	50
		10	18.80	18.14	3.42	62		10	60
		13	18.80	18.29	2.98	54		16	75
	5	0	22.90	9.38	5.40	95		4	0
		1	22.70						
		2	20.60	11.38	5.60	97		2	0
		3	19.45						
		4	18.75	15.67	5.21	91		2	0
		6	18.45	16.96	4.21	75		2	0
		8	18.45	17.58	3.11	55		4	10
		10	18.45	18.14	2.14	38		9	50
		12	18.45	18.14	1.97	35		7	60

Location: SWAN RIVER NO. 4a – POINT RESOLUTION

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
3.iii	12 n	36	0	24.50	1.92	4.13	69		510
			2	24.60	1.92	4.29	72		520
			3	24.25					
			4	23.50	9.09	3.44	61		270
			6	23.10	13.14	3.10	57		170
			7	22.65					
			8	22.15	16.72	2.48	47		185
			10	22.20	18.20	1.93	37		40
			12	22.20	19.03	1.37	26		25
	2pm	38	0	25.80	2.19	4.13	70		560
			1	25.10					
			2	25.20	3.16	3.79	64		490
			3	23.80					
			4	23.35	9.49	3.99	71		300
			6	23.25	12.59	3.10	57		220
			7	22.70					
			8	22.25	16.30	2.32	44		120
			10	22.15	17.99	1.85	35		55
			12	22.20	18.50	1.55	30		40
	4pm	41	0	26.05	2.34	4.02	69		540
			1	25.90					
			2	24.70	4.45	3.23	56		480
			3	23.65					
			4	23.45	10.68	2.86	51		210
			6	23.35	12.74	2.91	53		200
			7	22.80					
			8	22.25	16.40	2.26	42		100
			10	22.25	17.86	1.79	34		65
			12	22.25	18.74	1.55	30		40
	6pm	42	0	25.90	2.14	4.13	71		450
			1	25.35					
			2	24.50	5.78	4.07	71		380
			3	24.25					
			4	23.65	9.29	3.35	60		350
			6	23.25	14.34	3.30	62		140
			7	22.55					
			8	22.25	16.28	2.69	50		110
			10	22.25	17.81	1.85	35		60
			12	22.25	18.79	1.42	27		40

Location: SWAN RIVER NO. 4a – POINT RESOLUTION

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
3.iii	8pm	45	0	25.45	2.07	3.82	65		540
			2	24.95	2.45	4.13	70		420
			3	23.80					
			4	23.80	10.98	3.66	66		250
			6	23.35	14.78	3.44	65		130
			7	23.10					
			8	22.20	15.84	3.17	59		100
			10	22.25	18.11	1.69	32		40
			12	22.20	18.64	1.55	30		35
	10pm	44	0	25.35	2.22	4.26	72		470
			2	24.90	2.80	4.20	71		430
			3	24.05					
			4	23.90	8.44	3.80	67		260
			5	23.70					
			6	23.35	13.01	3.55	66		180
			8	22.35	16.10	3.23	61		100
			10	22.25	17.60	2.66	50		55
			12	22.25	18.43	1.91	37		45
	12mn	41	0	24.90	2.04	4.33	73		460
			2	25.00	2.65	4.26	72		440
			3	24.10					
			4	23.80	9.54	3.76	67		260
			6	23.40	14.85	3.52	66		130
			7	23.15					
			8	22.20	16.45	2.97	56		90
			10	22.20	18.09	2.45	47		45
			12	22.20	18.82	1.48	29		30
4.iii	2am	37	0	24.40	2.19	4.33	73		540
			2	24.45	2.19	4.44	74		520
			3	23.95					
			4	23.80	8.44	4.02	71		300
			5	23.50					
			6	23.25	13.25	3.66	68		200
			7	23.00					
			8	22.10	15.76	3.23	60		100
			10	22.10	17.76	2.50	47		45
			12	22.10	18.54	1.61	31		40

Location: SWAN RIVER NO. 4a - POINT RESOLUTION

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
4.iii	4am	35	0	24.20	2.12	4.64	77		480
			2	24.20	2.12	4.26	71		490
			3	24.00					
			4	23.55	8.94	4.01	71		330
			6	23.10	13.53	3.52	65		160
			7	22.50					
			8	22.30	16.45	2.97	56		100
			10	22.10	17.86	2.50	48		50
			12	22.10	18.35	1.79	34		40
	6am	33	0	24.25	2.04	4.20	70		390
			2	24.20	2.09	4.53	76		490
			3	24.05					
			4	23.60	12.96	3.55	66		180
			6	23.25	14.58	3.33	62		150
			7	22.40					
			8	22.50	16.20	2.69	51		110
			10	22.10	17.76	2.38	45		60
			12	22.10	18.64	1.61	31		30
	8am	31	0	23.50	2.09	4.53	73		410
			2	23.50	2.14	4.40	71		420
			3	24.20					
			4	23.55	8.49	3.82	67		250
			6	23.20	13.35	3.35	62		160
			7	22.30					
			8	22.25	15.35	2.86	53		110
			10	22.10	17.96	2.01	38		45
			12	22.10	18.50	1.49	29		25
	10am	31	0	23.55	2.09	4.44	73		390
			2	23.45	2.09	4.40	72		420
			3	24.20					
			4	23.35	9.12	3.71	66		270
			6	22.95	13.75	3.35	62		130
			7	22.40					
			8	22.10	16.54	2.56	48		85
			10	22.10	17.86	1.85	35		40
			12	22.10	18.45	1.55	30		30

Location: SWAN RIVER NO. 4a – POINT RESOLUTION

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
4.iii	12 n	33	0	23.80	2.09	4.53	75		410
			2	23.60	2.09	4.59	76		410
			3	24.50					
			4	23.55	7.54	3.88	68		300
			6	23.15	12.84	3.23	59		180
			7	22.55					
			8	22.20	16.79	2.50	47		80
			10	22.25	17.76	2.09	40		40
			12	22.25	18.74	1.31	25		30

Location: SWAN RIVER NO.5 – APPLECROSS

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
3.iii	12 n		0	25.60	3.27	2.35	40		200
			1	25.15					
			2	24.80	10.02	3.56	65		440
			3	23.85					
			4	23.25	15.37	1.69	32		110
			5	22.80					
			6	22.55	17.18	0.82	16		40
			8	22.35	17.72	0.88	17		30
			10	22.25	18.63	0.33	6		0
	2pm		0	25.65	1.89	3.87	66		320
			1	25.15					
			2	24.75	8.21	2.15	39		290
			3	24.15					
			4	23.65	9.12	2.57	46		200
			5	23.30					
			6	22.70	14.16	1.75	32		130
			8	22.35	17.38	0.88	17		40
			10	22.35	18.01	0.58	11		25
	4pm		0	25.55	1.87	4.51	76		370
			2	25.15	8.92	1.41	26		330
			3	24.30					
			4	23.10	13.54	1.75	32		140
			5	22.80					
			6	22.55	15.99	1.14	21		60
			8	22.55	16.92	0.88	17		45
			10	22.35	17.72	0.66	13		30
	6pm		0	26.00	1.99	3.61	62		370
			1	25.90					
			2	25.20	9.37	1.41	26		270
			3	24.50					
			4	23.10	15.37	1.47	28		100
			6	22.80	16.40	1.08	20		70
			8	22.45	17.48	0.88	17		40
			10	22.45	17.13	0.82	16		35
	8pm		0	25.20	2.18	3.84	65		360
			2	24.95	7.59	2.37	42		290
			3	23.85					
			4	22.95	15.37	1.69	32		110
			6	22.55	15.27	1.79	33		100

Location: SWAN RIVER NO. 5 - APPLECROSS

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 %	PO_4-P	NO_3-N
1955			Depth						
3.iii	8pm		8	22.25	16.59	1.47	28		60
			10	22.20	18.29	0.66	13		30
	10pm		0	24.95	2.13	3.94	66		410
			2	25.15	9.67	2.40	44		240
			3	24.00					
			4	23.10	15.47	2.24	42		110
			5	23.45					
			6	22.70	16.30	2.07	39		90
			8	22.35	17.04	1.39	26		60
			10	22.20	18.04	1.02	19		25
	12mn		0	24.65	2.33	3.87	65		340
			2	24.80	7.99	2.57	46		230
			3	23.85					
			4	23.45	13.39	1.84	34		160
			5	23.30					
			6	22.80	14.85	2.01	37		100
			8	22.25	16.15	1.57	29		90
			10	22.25	18.04	0.66	13		30
4.iii	2am		0	24.30	2.66	3.87	65		360
			1	24.30					
			2	24.95	8.31	2.46	44		240
			3	23.90					
			4	23.45	11.69	2.12	38		140
			5	23.30					
			6	22.80	14.85	2.46	46		120
			8	22.25	16.35	1.35	25		75
			10	22.35	17.31	1.14	22		55
	4am		0	23.95	2.96	4.01	67		330
			1	23.95					
			2	24.75	7.21	2.72	48		260
			3	23.85					
			4	23.30	12.68	1.79	33		160
			6	22.80	14.23	1.91	35		120
			8	22.25	16.25	1.14	21		80
			10	22.25	17.67	0.99	19		40

Location: SWAN RIVER NO. 5 - APPLECROSS

Date	Time	Tide (in.)	Air Temp. °C.	Water Temp. °C.	Cl °/oo	O_2	O_2 °/o	PO_4-P	NO_3-N
1955			Depth						
4.iii	6am		0	23.85	2.15	3.50	58		300
			1	23.65					
			2	24.75	10.66	1.79	33		210
			3	23.95					
			4	23.35	14.83	1.75	33		110
			6	22.90	15.17	1.69	32		110
			8	22.45	16.20	1.25	23		65
			10	22.25	17.28	0.99	19		35
	8am		0	23.75	2.10	3.61	60		290
			1	23.75					
			2	24.65	10.31	1.69	31		180
			3	24.20					
			4	23.25	14.84	1.30	25		70
			6	22.70	15.17	1.30	24		70
			8	22.45	15.91	1.08	20		70
			10	22.45	17.33	0.82	16		30
	10am		0	24.05	2.48	3.39	57		250
			1	23.90					
			2	24.80	10.17	2.46	45		200
			3	23.85					
			4	23.30	14.83	1.69	32		95
			5	22.70					
			6	22.70	14.28	1.63	30		100
			8	22.35	16.40	1.14	21		50
			10	22.35	17.04	0.87	16		40
	12 n		0	24.15	2.86	3.72	62		240
			2	24.40	9.92	2.66	48		180
			3	23.35					
			4	23.10	14.92	2.18	41		95
			6	22.75	15.20	1.91	36		90
			8	22.35	16.30	1.41	26		65
			10	22.35	17.82	0.99	19		30

Location:- PEEL–HARVEY INLET

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
18.i	1	S	25.55	18.91	4.62	94	8.26	3-4	0
		D	25.20	19.69	5.09	103	8.28	0-9	0
	1a	S	23.85	16.37	4.34	84	8.30	2-10	0
		D	24.55	16.77	4.62	90	8.27	4-7	0
	2	S	26.40	17.30	4.72	96	8.22	3-10	0
		D	26.25	17.40	4.62	94	8.26	2-12	0
	3a	S	26.50	14.98	4.55	90	8.02	13-8	0
		D	26.30	15.05	4.79	95	8.05	9-22	0
	4	S	25.80	17.50	4.72	95	8.25	5-6	0
	5	S	27.30	9.00	4.37	82	8.08	4-7	0
	7	S	25.40	16.08	4.67	92	8.26	3-8	0
		D	23.90	16.86	4.48	87	8.21	11-0	0
	7a	S	25.00	15.05	4.48	87	8.18	9-0	0
	8	S	28.00	7.20	4.67	87	7.99	7-13	0
		D	30.60	11.84	2.12	43	7.67	12-15	0
	9	S	26.60	0.51	3.52	60		5-6	0
25.ii	1	S	28.80	6.99	3.52	66	7.69	9-16	630
		D	24.60	18.40	4.99	99	8.19	9-4	75
	1a	S	27.60	6.69	2.69	50	7.48	16-13	650
		D	27.00	6.89	2.38	44	7.46	16-19	650
	2	S	27.90	7.99	4.01	75	7.54	5-21	660
		D	25.60	12.32	2.38	45	7.42	14-8	310
	3a	S	28.10	2.45	3.47	75	7.28	9-24	25
		D	27.50	2.50	3.52	62	7.13	8-17	0
	4	S	27.70	9.19	4.49	85	7.84	7-8	650
	5	S	26.75	0.56	1.85	32		16-12	800
	7	S	28.30	7.89	4.26	80	7.86	9-18	630
		D	26.40	7.94	4.33	80	7.60	9-11	660
	7a	S	26.80	12.27	4.80	93	7.99	0-25	100
	8	S	26.70	0.56	1.96	33		11-13	840
		D	26.10	0.56	1.79	30		17-12	800
	9	S	26.35	0.46	2.38	40		24-10	800
24.iii	1	S	23.30	19.76	4.84	96	8.16	2-6	0
		D	23.30	19.96	4.92	98	8.16	0-11	0
	1a	S	23.20	19.83	4.79	95	8.16	0-9	0
		D	23.20	19.83	4.72	94	8.14	0-11	0

Location: PEEL-HARVEY INLET

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
24.iii	2	S	22.80	15.69	4.88	92	8.09	0-4	0
		D	22.50	15.69	4.79	90	8.09	2-11	0
	3a	S	23.50	10.35	4.61	83	7.86	2-22	0
		D	21.50	10.75	3.74	65	7.69	0-17	0
	4	S	22.60	16.38	4.55	86	8.04	0-7	0
	5	S	22.90	1.96	3.96	64		2-13	200
	7	S	22.20	15.79	4.92	92	8.05	0-14	0
		D	22.10	16.94	4.84	91	8.07	0-11	0
	7a	S	21.90	14.00	4.88	89	8.09	4-16	0
	8	S	22.40	1.24	3.41	55		0-13	170
		D	26.30	12.30	3.07	59		2-8	65
	9	S	22.60	0.93	3.69	59		3-8	140
5.v	1	S	16.00	19.73	5.37	94	8.22	2-15	0
		D	17.60	19.78	5.24	95	8.19	2-10	0
	1a	S	17.60	19.19	5.49	98	8.19	3-12	0
		D	18.00	19.49	5.24	95	8.19	3-13	0
	2	S	16.10	17.47	5.68	97	8.14	4-12	0
		D	16.10	17.37	5.61	96	8.10	7-7	0
	4	S	15.60	17.70	5.88	100	8.11	2-16	0
	7	S	15.60	17.12	5.93	100	8.13	3-11	0
		D	15.60	17.08	5.93	100	8.14	5-11	0
	7a	S	15.95	16.02	5.93	100	8.10	9-7	0
8.vi	1	S	16.20	19.21	5.30	93	8.17	6-3	0
		D	16.25	19.21	5.44	95	8.17	6-6	0
	1a	S	16.00	18.63	5.54	96	8.18	5-6	0
		D	16.05	18.87	5.49	95	8.18	7-2	0
	2	S	13.30	14.84	6.11	96	8.04	14-0	0
		D	13.30	14.84	5.81	93	8.04	11-4	0
	3a	S	15.10	11.56	5.57	87	8.05	10-8	0
		D	15.00	11.66	5.62	88	8.05	11-0	0
	4	S	13.40	15.53	6.00	95	8.04	9-6	0
	5	S	13.80	1.44	6.66	91	7.91	9-4	0
	7	S	13.20	14.74	6.11	96	8.06	11-10	0
		D	13.20	14.74	6.18	97	8.04	12-5	0
	7a	S	13.25	13.35	6.29	97	8.09	17-6	0
	8	S	13.60	1.13	6.66	91	7.89	7-6	0
		D	13.20	1.18	6.60	89	7.72	11-2	0
	9	S	13.10	1.29	6.60	89	7.65	5-10	45

Location: PEEL-HARVEY INLET

Date	Station	Depth	Temp. °C.	Cl °/oo	O_2	O_2 %	pH	PO_4-P	NO_3-N
1955									
28.vi	1	S	14.20	18.74	5.66	95	8.25	0-6	0
		D	14.30	19.04	5.82	98	8.24	0-5	0
	1a	S	14.00	17.86	5.82	96	8.23	0-2	0
		D	13.90	18.45	5.71	95	8.22	0-3	0
	3a	S	9.90	0.52	5.71	71	7.79	23-8	35
		D	9.80	0.52	5.54	69	7.67	23-4	35
	4	S	10.80	10.04	6.87	97	8.14	2-6	65
	5	S	9.60	0.57	6.81	84	7.44	22-4	90
	7	S	11.20	10.39	6.81	98	8.12	2-6	35
		D	11.30	10.44	6.81	98	8.10	4-4	30
	7a	S	11.10	10.44	7.04	101	8.12	3-5	0
	8	S	9.40	0.62	7.26	90	7.45	14-0	70
		D	9.40	0.67	7.23	89	7.52	14-0	60
	9	S	8.60	0.88	7.43	90	7.52	6-1	80
28.ix	1	S	16.10	5.73	5.81	87	7.76	6-0	0
		D	16.20	17.91	5.61	95	8.04	7-3	0
	3a	S	16.00	0.62	5.32	75	7.29	11-4	10
		D	16.00	0.36	5.03	71	7.25	9-6	10
	5	S	15.00	0.41	5.81	81	7.32	8-3	25
	8	S	14.60	0.44	6.21	85	7.42	11-0	25
		D	14.60	0.41	6.04	83	7.41	10-4	30
	9	S	14.40	0.52	6.21	85	7.68	8-4	30
24.xi	1	S	20.40	9.21	5.92	99	8.25	0-1	30
		D	20.40	9.21	5.99	101	8.23	0-0	0
	1a	S	20.20	10.09	5.87	99	8.18	0-5	0
		D	20.10	10.12	5.78	98	8.16	1-3	0
	2	S	18.95	9.89	6.06	100	8.22	1-1	0
		D	19.05	9.82	5.89	98	8.22	1-3	0
	3a	S	21.70	1.80	4.78	76	7.74	4-5	10
		D	21.30	1.80	4.87	77	7.71	4-1	10
	4	S	19.55	11.04	5.73	97	8.20	1-0	0
	5	S	20.90	0.31	5.67	88	7.95	2-4	5
	7	S	19.20	8.40	6.06	99	8.17	1-1	0
		D	19.20	9.68	5.78	96	8.21	3-0	0
	7a	S	19.10	6.35	5.85	93	8.21	2-5	10
	8	S	21.35	0.31	5.60	87	7.95	4-3	10
		D	20.90	0.34	5.70	88	7.83	2-4	35
	9	S	20.20	0.36	5.70	87	7.73	3-2	20

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
28. Surface sampling in the Tasman and Coral Seas, 1955
29. Estuarine hydrological investigations in eastern and south-western Australia, 1955