

Department of Fisheries and Wildlife
Western Australia

ANNUAL RAINFALL AND WETLAND REVIEW

NOVEMBER 1980

Compiled by Research Officer J.A.K. Lane and
Technical Officer D.R. Munro, for submission
to the W.A.W.A. Bird Committee on 24th
November 1980.

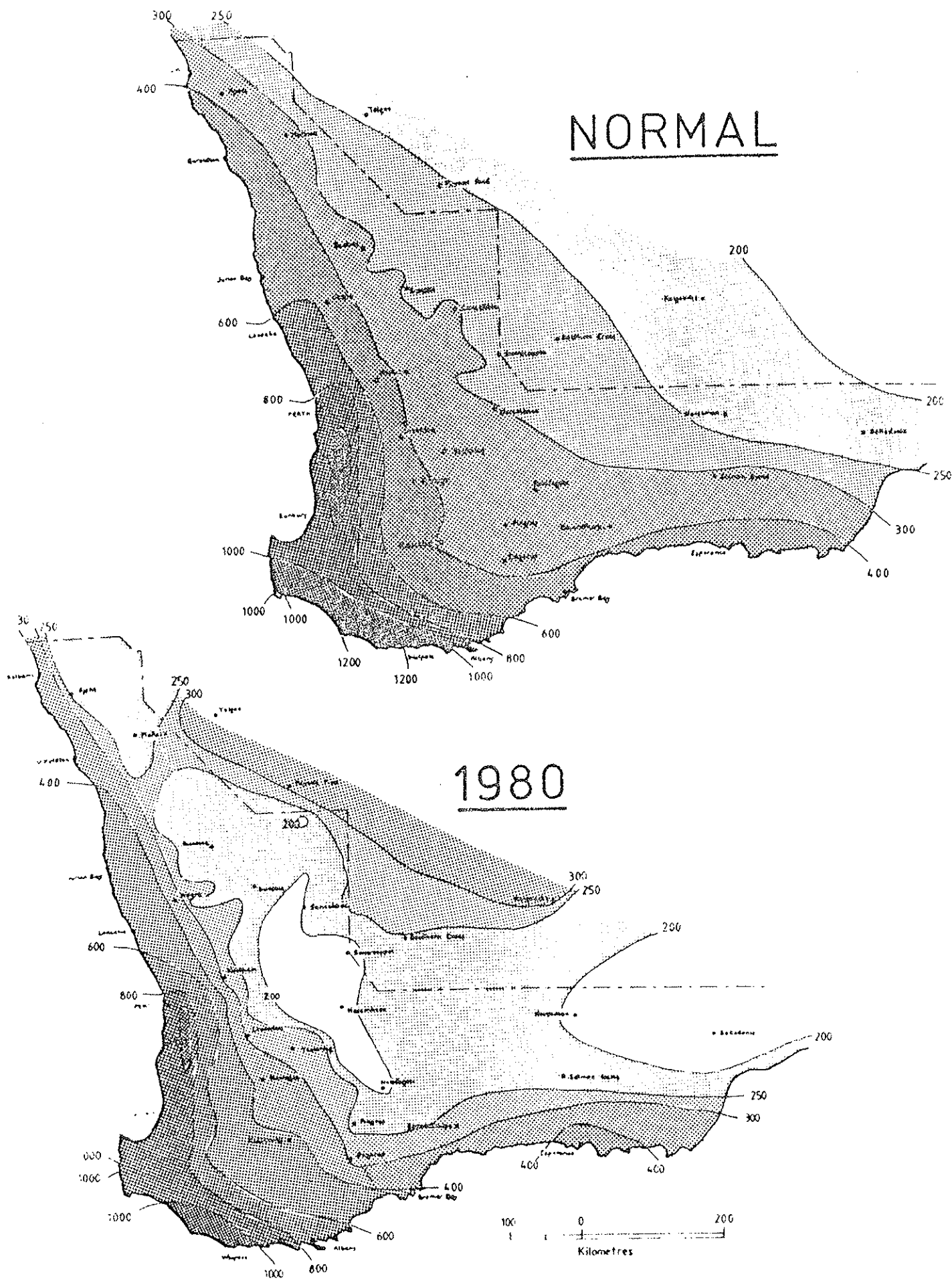


FIGURE 1. Total Rainfall (mm): Jan-Oct 1980, and Jan-Oct Normal.

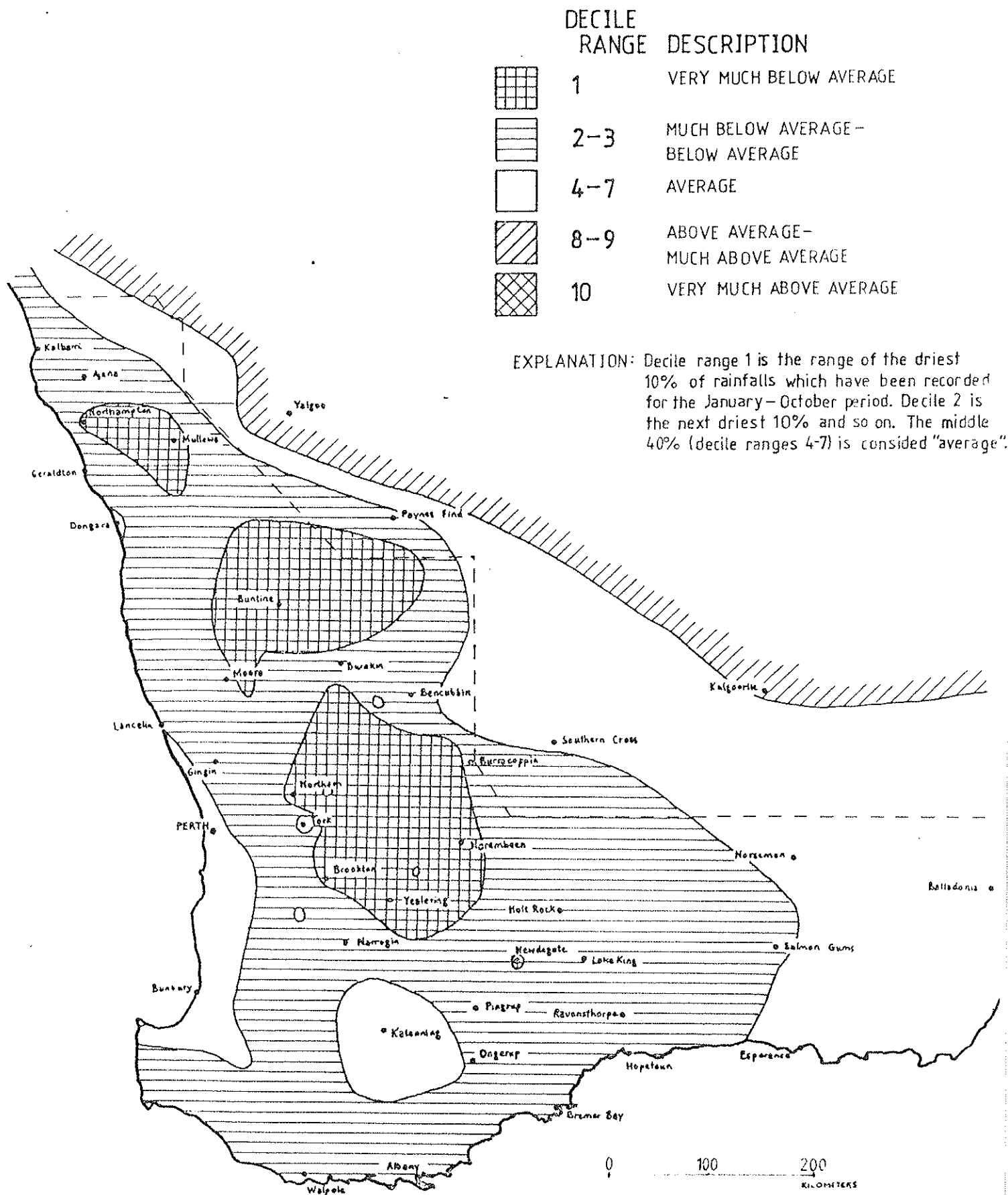


FIGURE 2. Distribution of Decile Range Numbers of Rainfall: January to October, 1979.

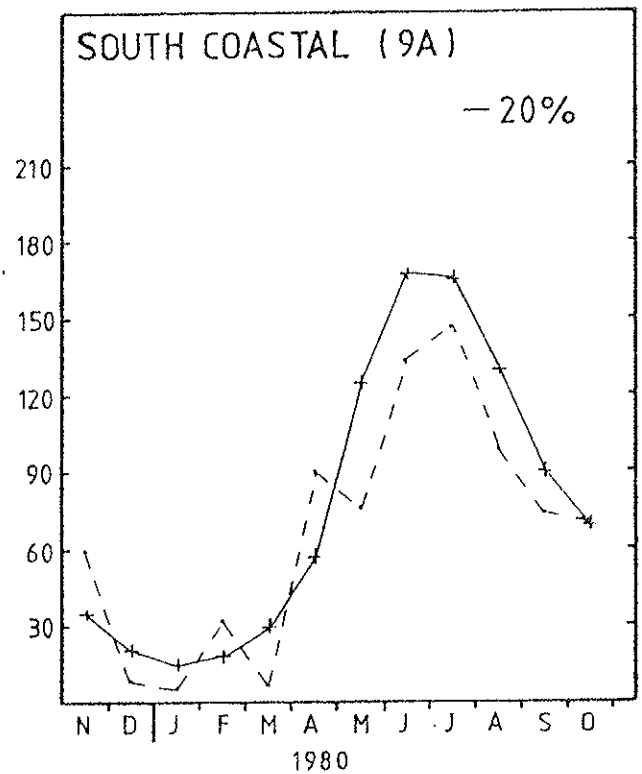
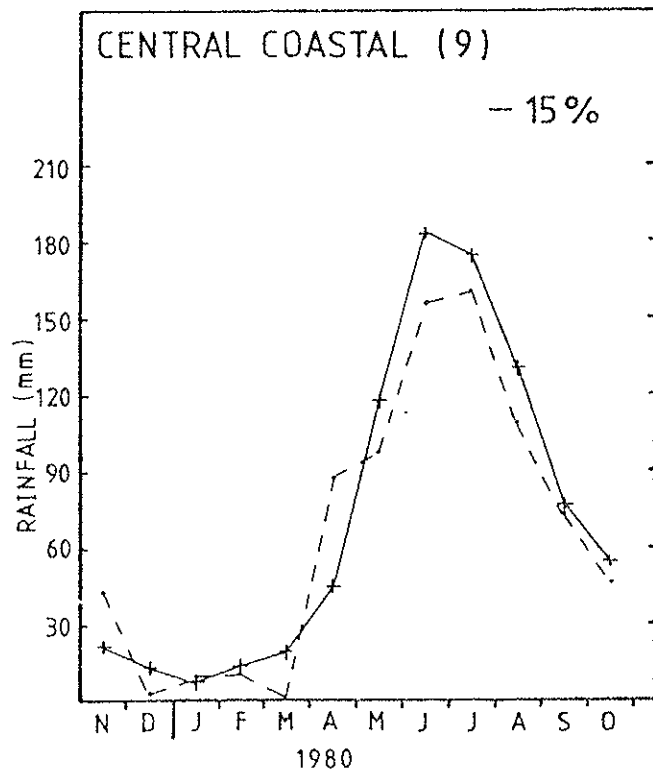
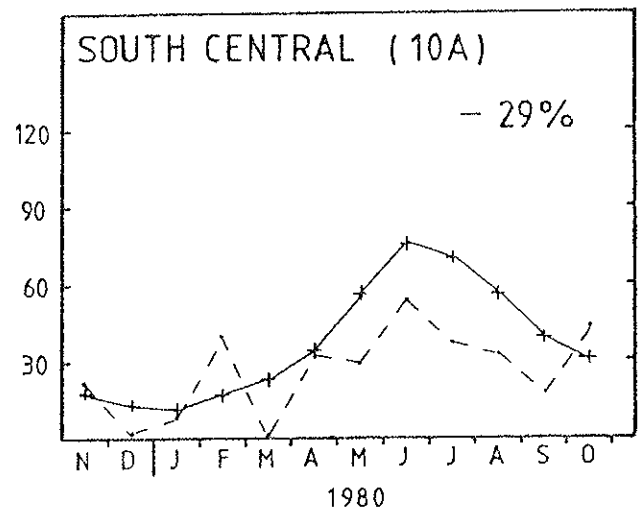
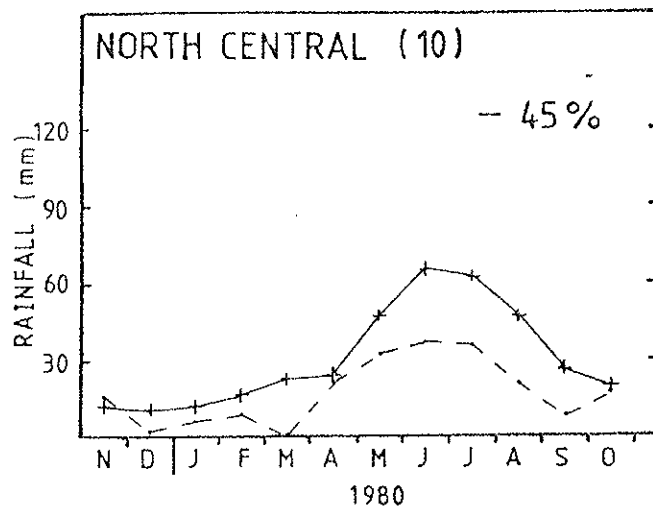
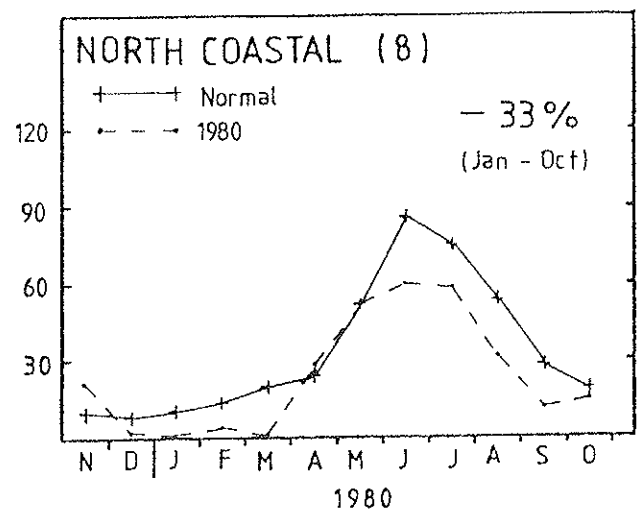
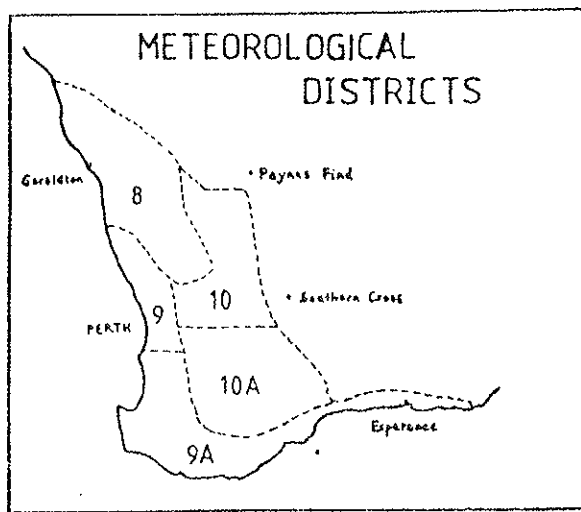


FIGURE 3. Monthly Rainfall Patterns: November 1979 to October 1980

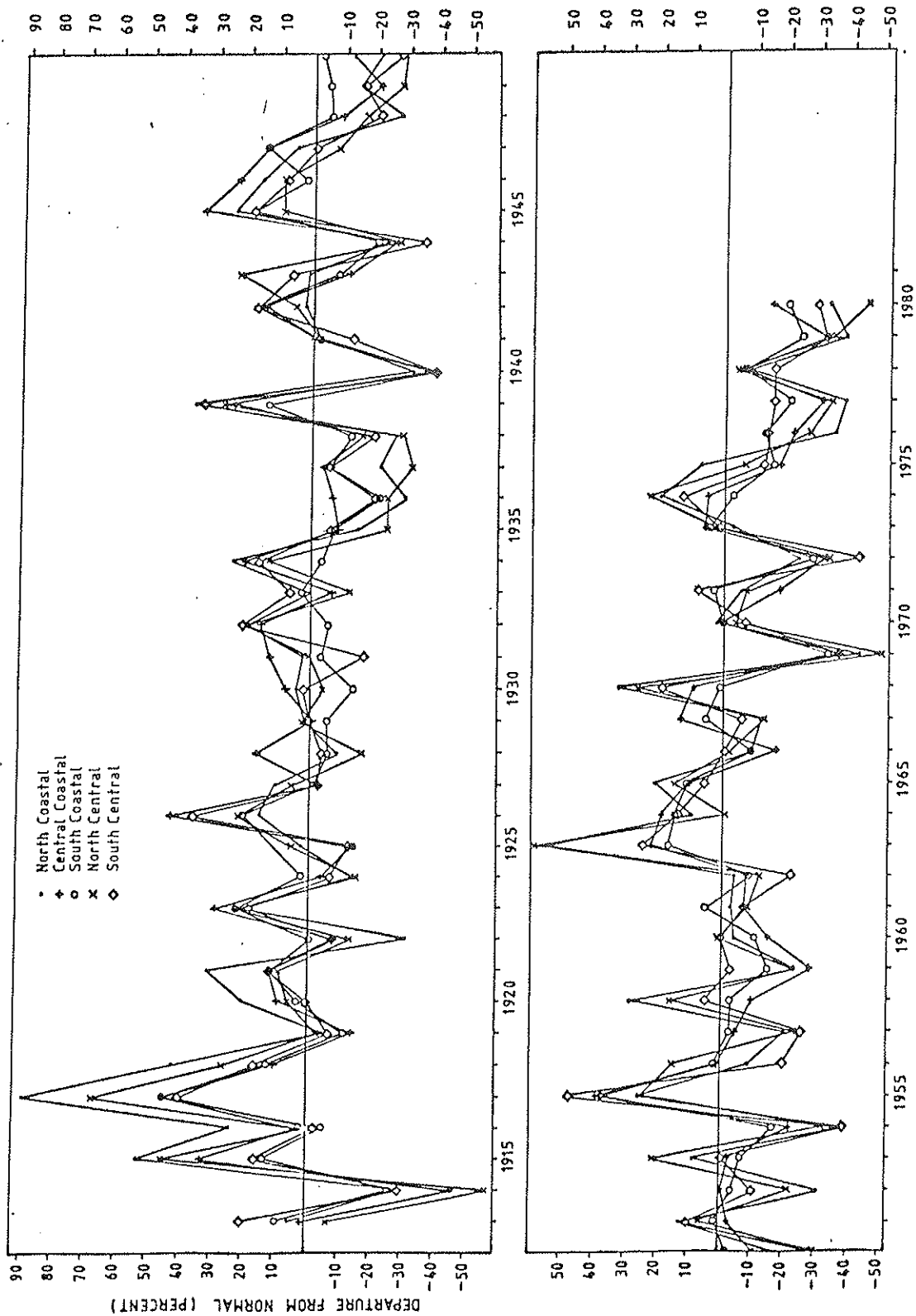


FIGURE 4. Annual District Rainfall (Percent Departure from Normal) : 1913 - 1980

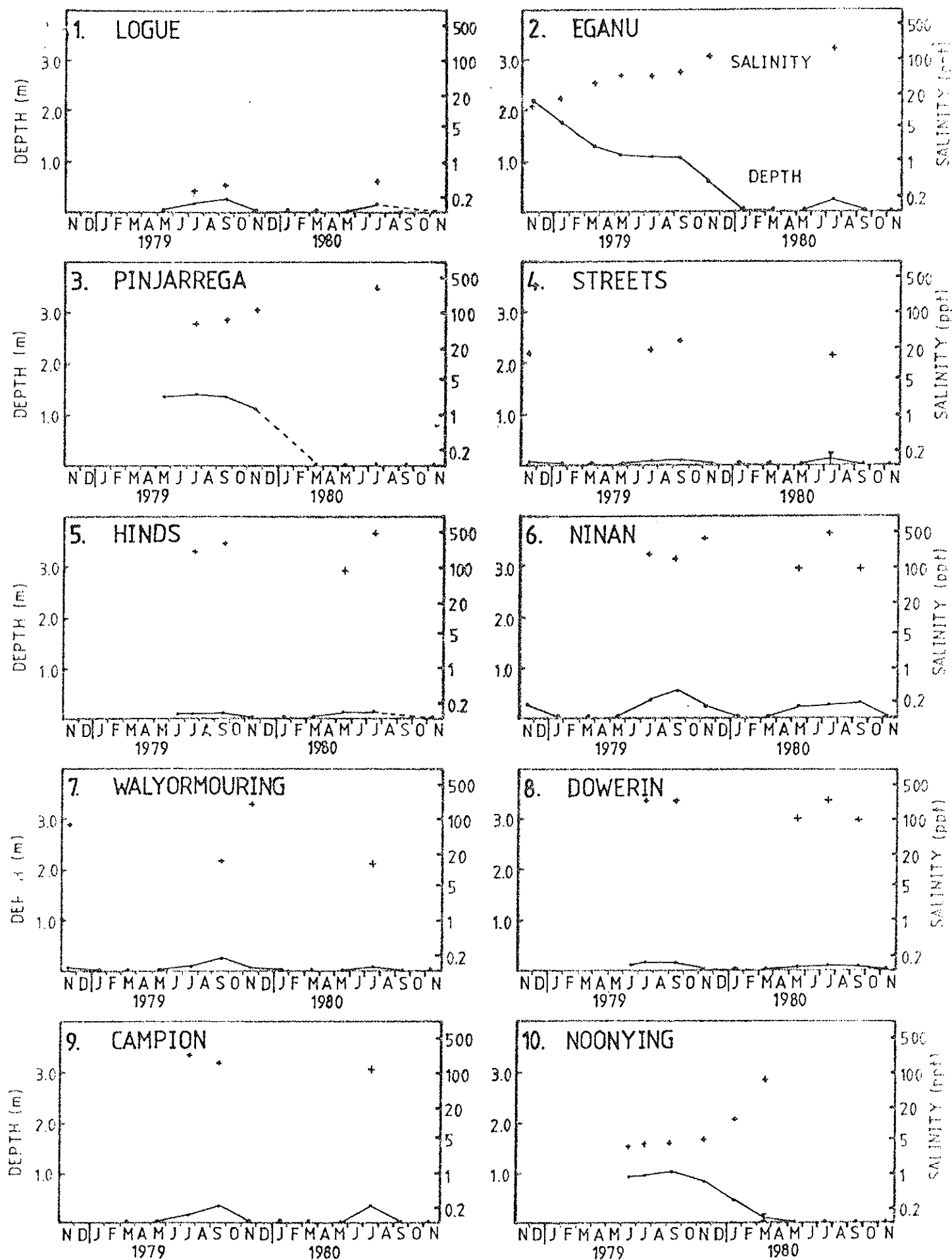


FIGURE 5. Depth and salinity fluctuations of gauged lakes.

See Figure 9 (Fold-out Map) for lake locations.

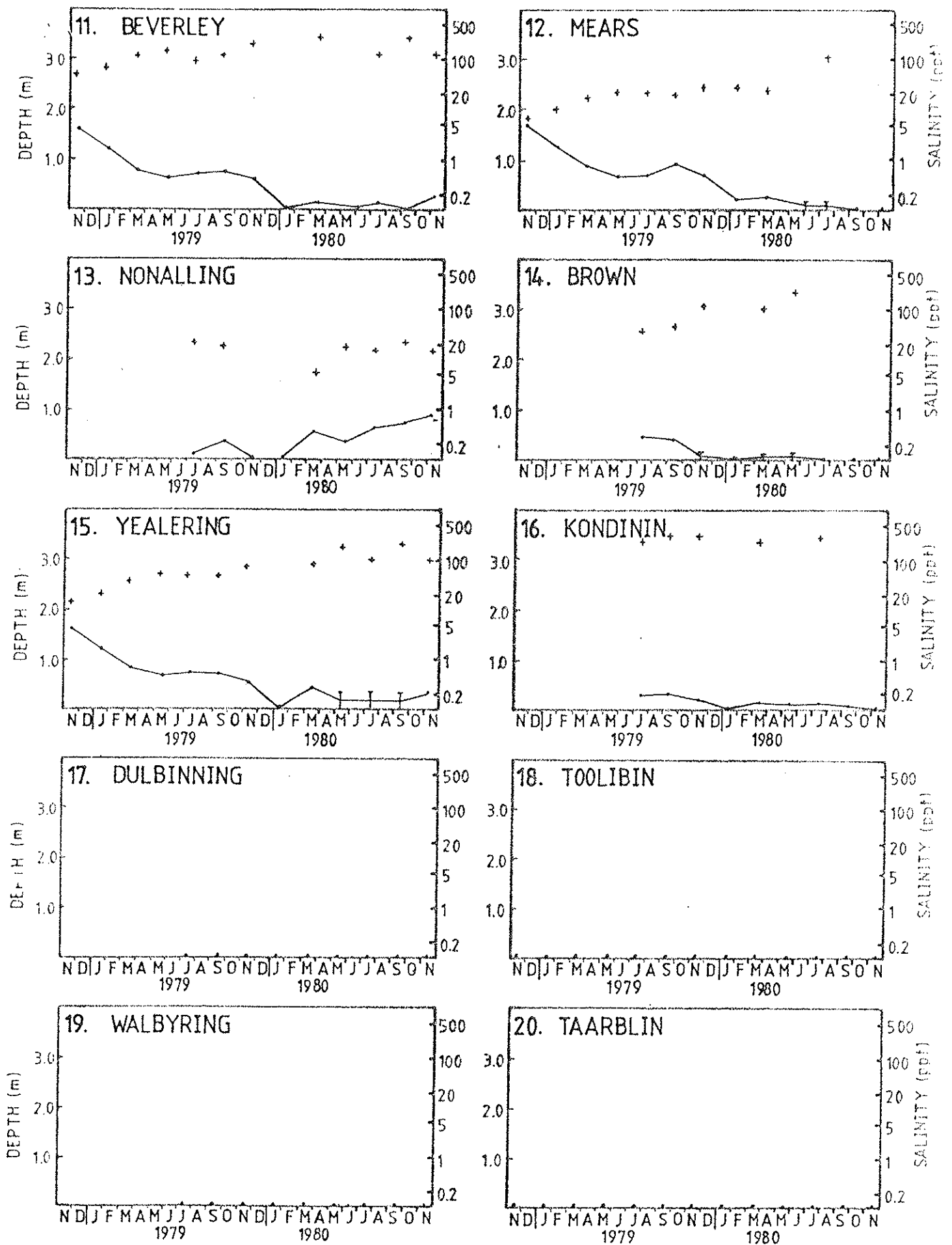


FIGURE 5. Contd.

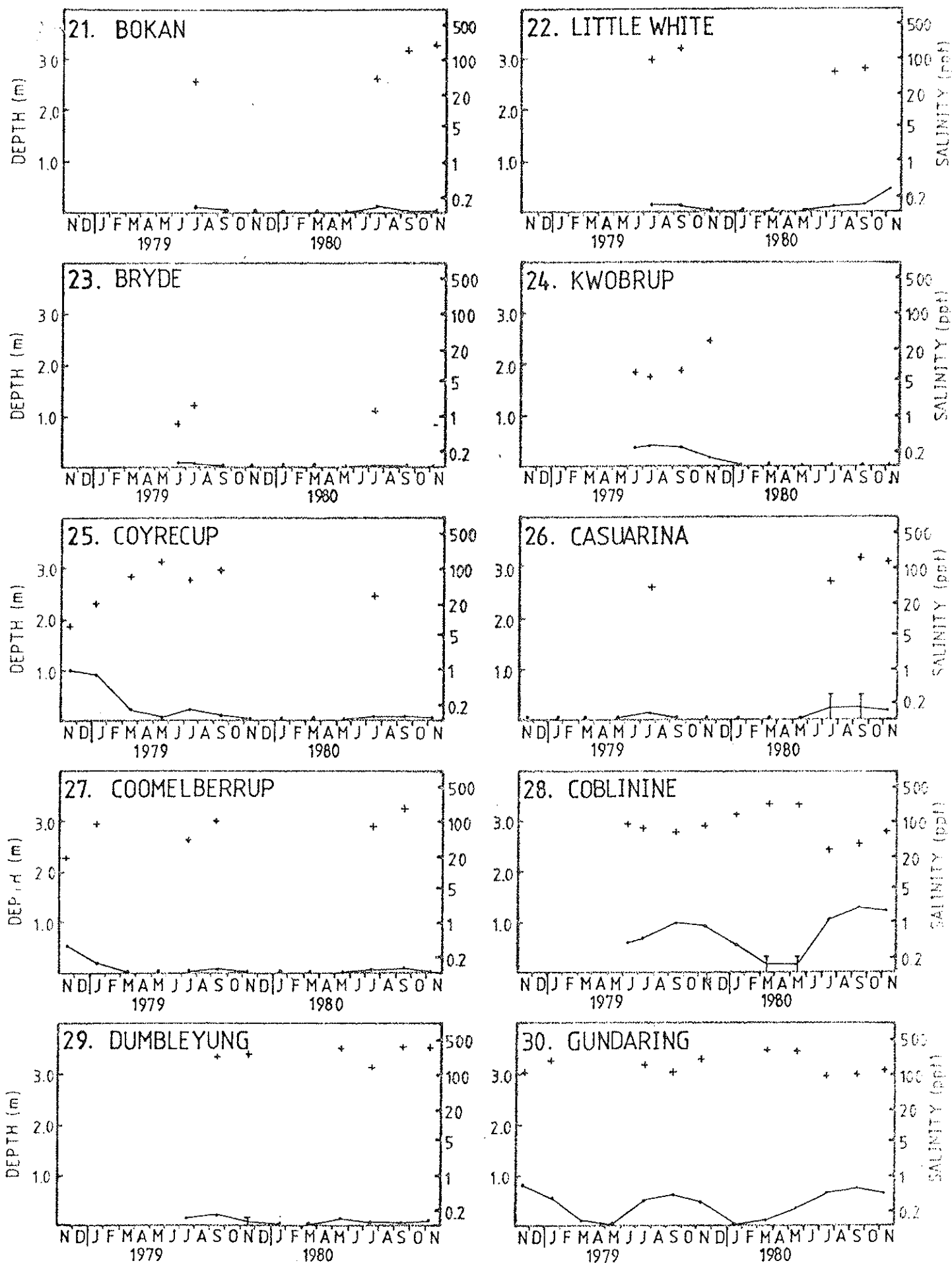


FIGURE 5. Contd.

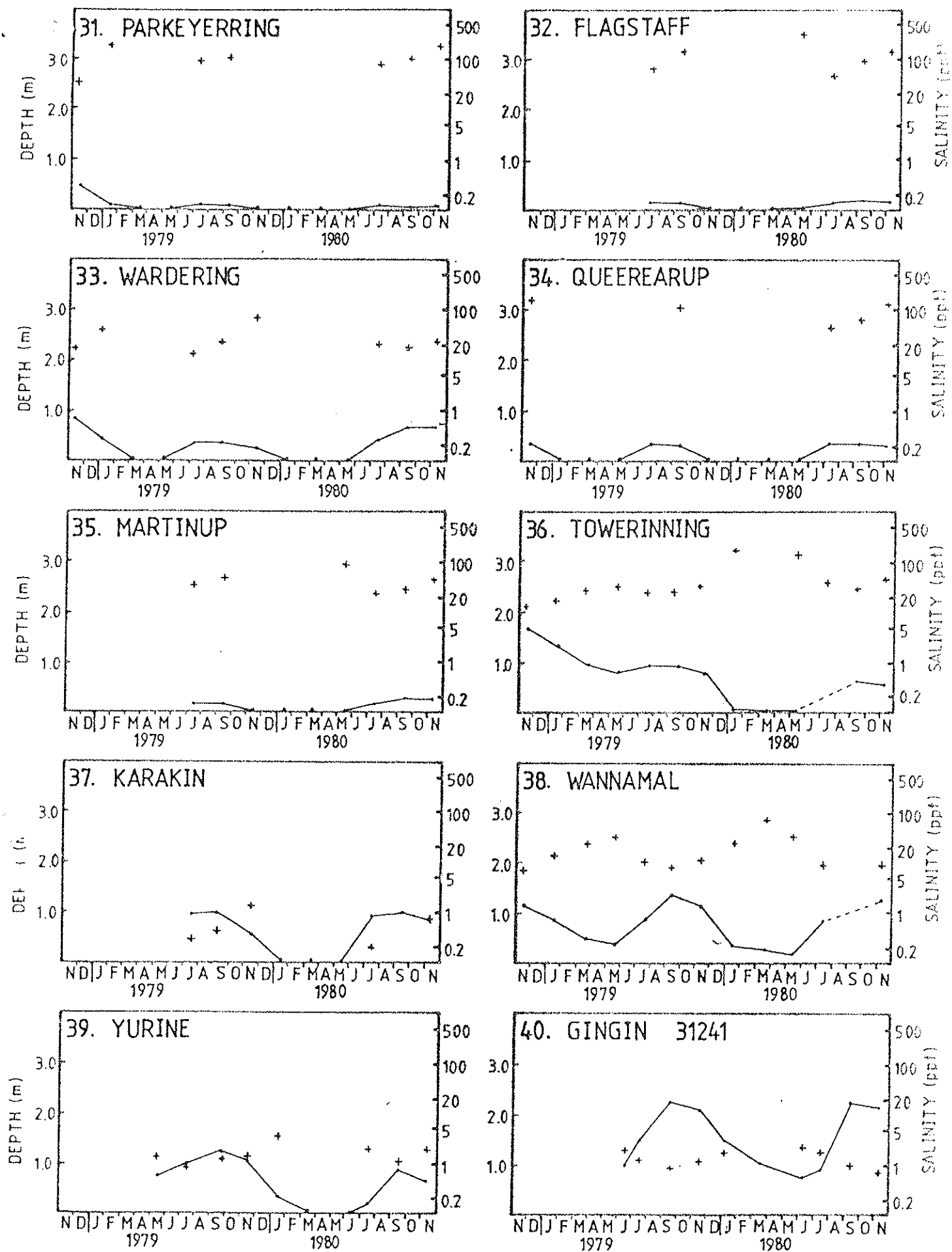


FIGURE 5. Contd.

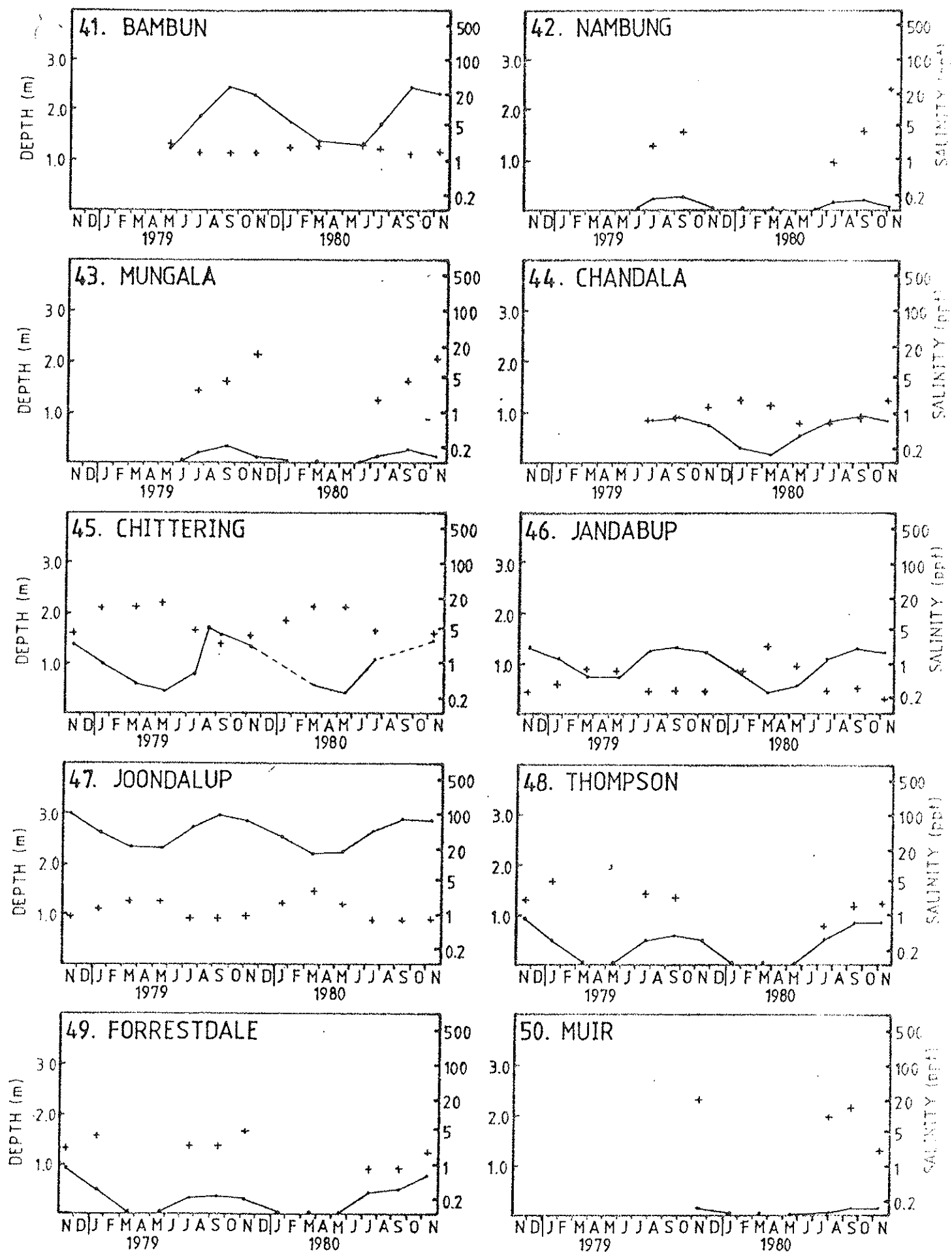


FIGURE 5. Contd.

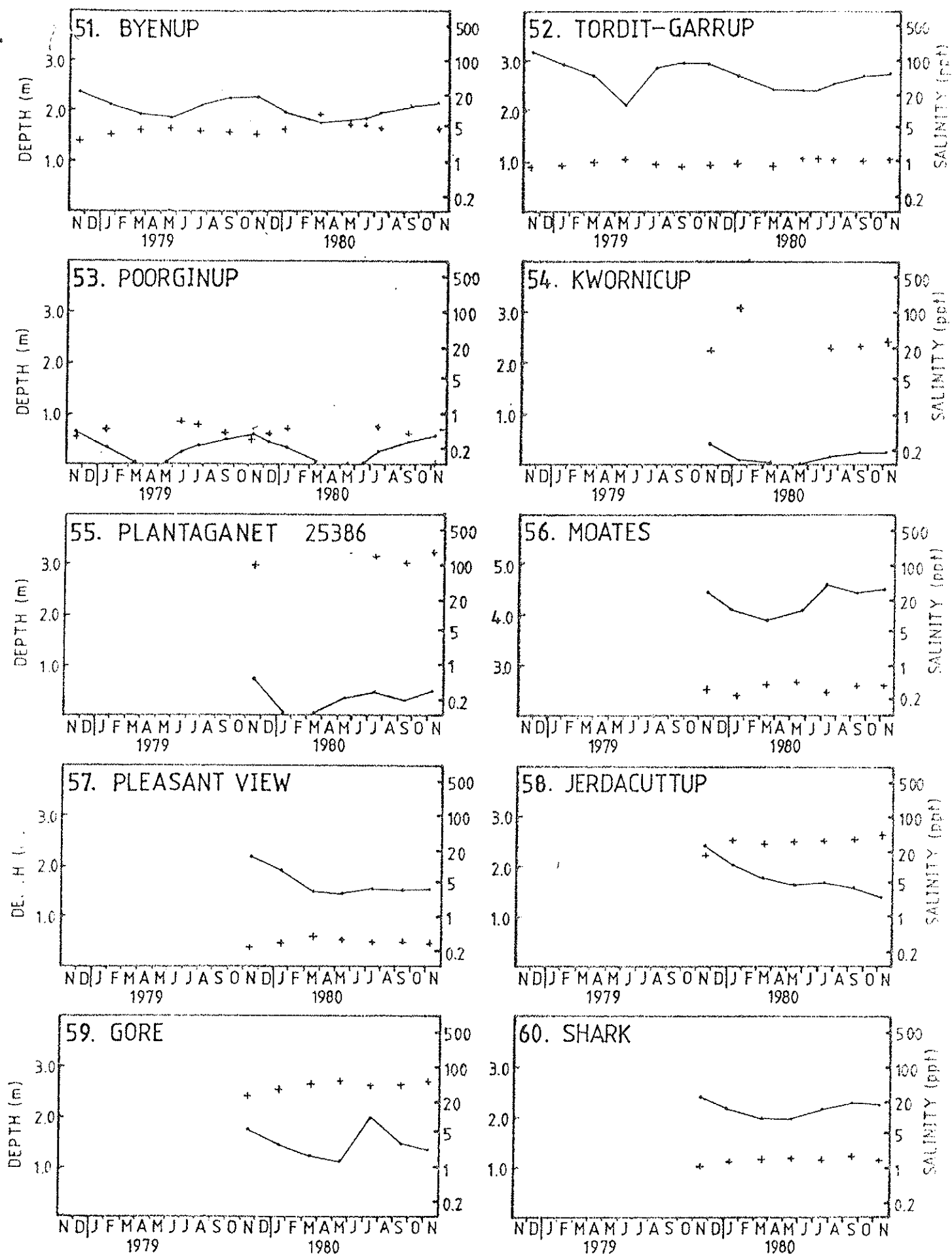


FIGURE 5. Contd.

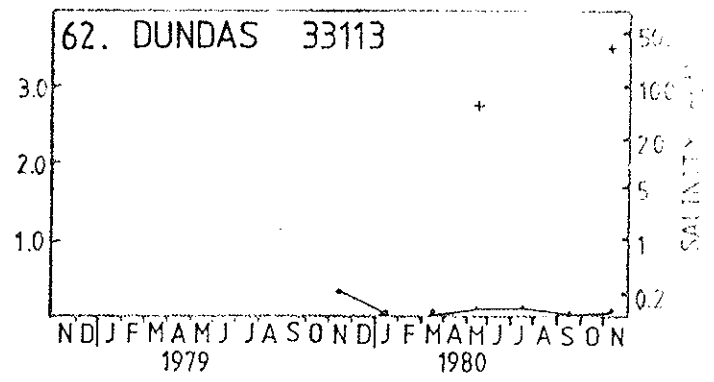
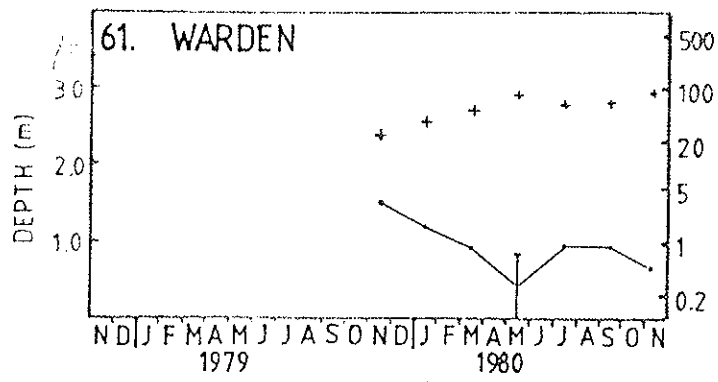


FIGURE 5. Contd.

MET. DIST.	LAKE No.	LAKE NAME	DEPTH (METRES)			SALINITY (PPT)		
			NOV 1978	NOV 1979	NOV 1980	NOV 1978	NOV 1979	NOV 1980
NORTH COASTAL	1	LOGUE		DRY	DRY			
	2	EGANU	2.18	0.60	DRY	10	104	
	3	PINJARREGA		1.10	DRY		112	
	4	STREETS	0.04	DRY	DRY	14		
	5	HINDS		DRY	DRY			
	6	NINAN	0.25	0.23	DRY		340	
NORTH CENTRAL	7	WALYOURMOURING	0.03	0.03	DRY	85	204	
	8	DOWERIN		DRY	DRY			
	9	CAMPION		DRY	DRY			
	10	NOONYING		0.85	DRY	4.9		
	11	BEVERLEY	1.65	0.63	0.24	57	215	121
	12	MEARS	1.74	0.72	DRY	6.6	28	
SOUTH CENTRAL	13	NONALLING		DRY	0.88			14
	14	BROWN		<0.16	DRY		111	
	15	YEALERING	1.67	0.56	0.32	15	77	98
	16	KONDININ		0.20	DRY		317	
	17	DULBINNING		DRY	DRY			
	18	TOOLIBIN	DRY	DRY	DRY			
	19	WALBYRING		DRY	DRY			
	20	TAARBLIN	DRY	DRY	DRY			
	21	BOKAN		DRY	0.02			198
	22	LITTLE WHITE		DRY	0.47			
	23	BRYDE		DRY	DRY			
	24	KWOBRUP		0.14	DRY		27	
	25	COYRECUP	1.00	DRY	<0.13	7.2		
	26	CASUARINA	DRY	DRY	<0.49			139
	27	COOMELBERRUP	0.53	DRY	DRY	24		
	28	COBLININE		0.91	1.27		80	65
	29	DUMBLEYUNG		<0.13	0.13		236	351
	30	GUNDARING	0.82	0.48	0.67	108	218	127
	31	PARKEYERRING	0.49	DRY	<0.10	35		181
	32	FLAGSTAFF		DRY	0.14			140
	33	WARDERING	0.82	0.24	0.66	17	72	23
	34	QUEERREARUP	0.34	DRY	0.30	166		125
	35	MARTINUP		DRY	0.24			44
	36	TOWERINNING	1.69	0.81	0.54	14	33	46
CENTRAL COASTAL	37	KARAKIN		0.55	0.82		1.2	0.7
	38	WANNAMAL	1.14	1.15	1.24	6.7	10	9
	39	YURINE		1.01	0.66		1.2	1.9
	40	GINGIN 31241		2.08	2.14		1.1	0.7
	41	BAMBUN		2.27	2.31		1.2	1.4
	42	NAMBUNG		DRY	0.07			25
	43	MUNGALA		0.10	0.12		14	11
	44	CHANDALA		0.74	0.82		1.2	1.8
	45	CHITTERING	1.39	1.38	1.45	4.0	3.5	4.0
	46	JANDABUP	1.35	1.25	1.22	0.3	0.3	0.2
	47	JOONDALUP	3.01	2.87	2.88	0.9	0.9	0.8
	48	THOMPSON	0.94	0.17	0.86	2.0	3.7	1.8
	49	FORRESTDALE	0.92	0.30	0.79	2.0	4.5	1.7
SOUTH COASTAL	50	MUIR		0.14	0.17			2.0
	51	BYENUP	2.40	2.27	2.14	2.6	3.3	4.2
	52	TORDIT-GARRUP	3.15	2.91	2.75	0.6	0.8	1.1
	53	POORGINUP	0.55	0.53	0.55	0.3	0.3	0.1
	54	KWORNICUP		0.41	0.26		18	26
	55	PLANTAGANET 25386		0.73	0.48		100	179
	56	MOATES		4.44	4.51		0.3	0.4
	57	PLEASANT VIEW		2.20	1.52		0.2	0.3
	58	JERDACUTTUP		2.41	<1.4		17	46
	59	GORE		1.72	1.35		24	50
	60	SHARK		2.40	2.25		1.0	1.4
	61	WARDEN		1.53	<0.84		27	86
S.E.	62	DUNDAS 33113		0.34	<0.09			310

TABLE 1 : November Depths and Salinities of Gauged Lakes : 1978-1980.
Note that sea-water is approx. 35 ppt. and that the upper
limit for fresh-water is generally considered to be 1.0 ppt.

1979 — 1980 CHANGES IN LAKE DEPTHS

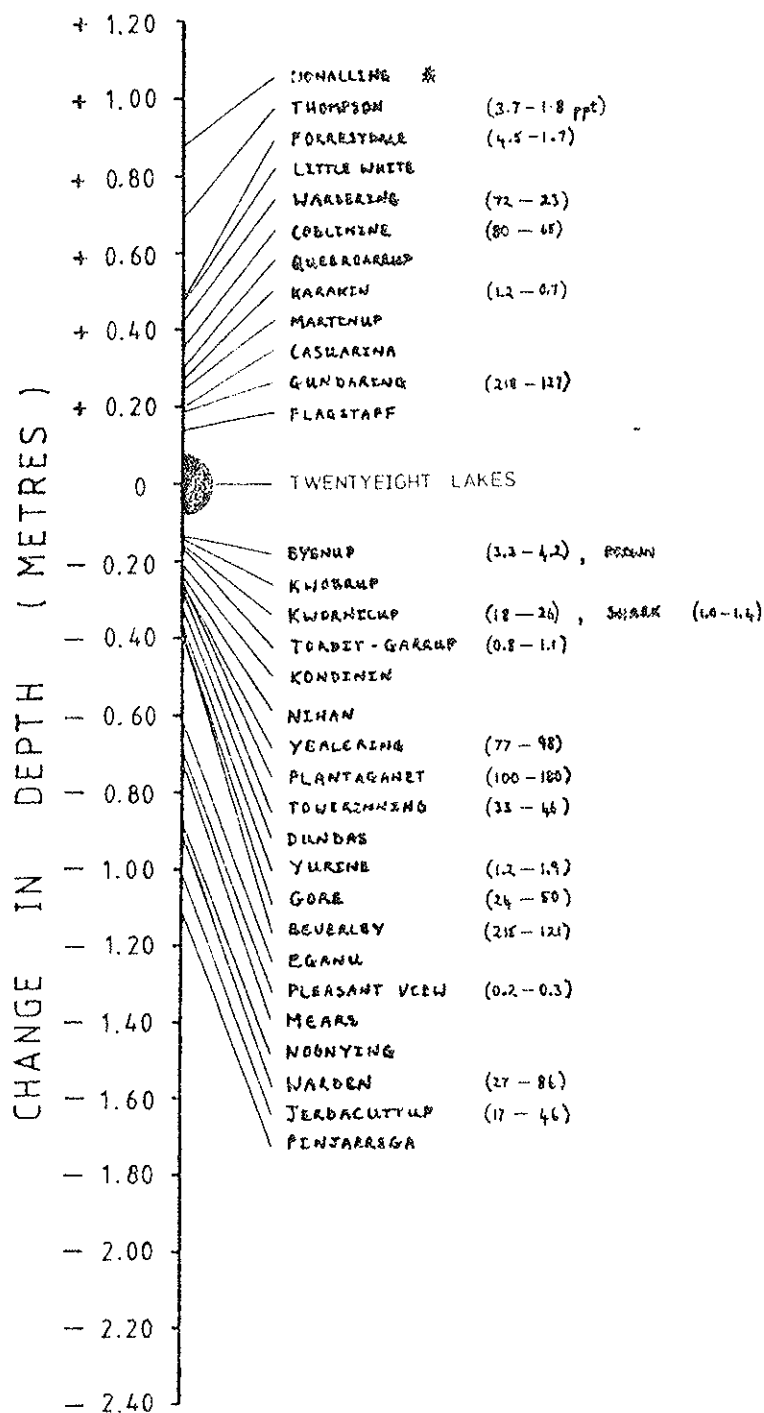


FIGURE 6a. Change in Depth of 62 Gauged Lakes from Nov. 1979 to Nov. 1980. Figures in brackets indicate changes in Salinity (parts per thousand). N3. Damming of Lake Nonalling's outlet contributed to this lake's increase in depth.

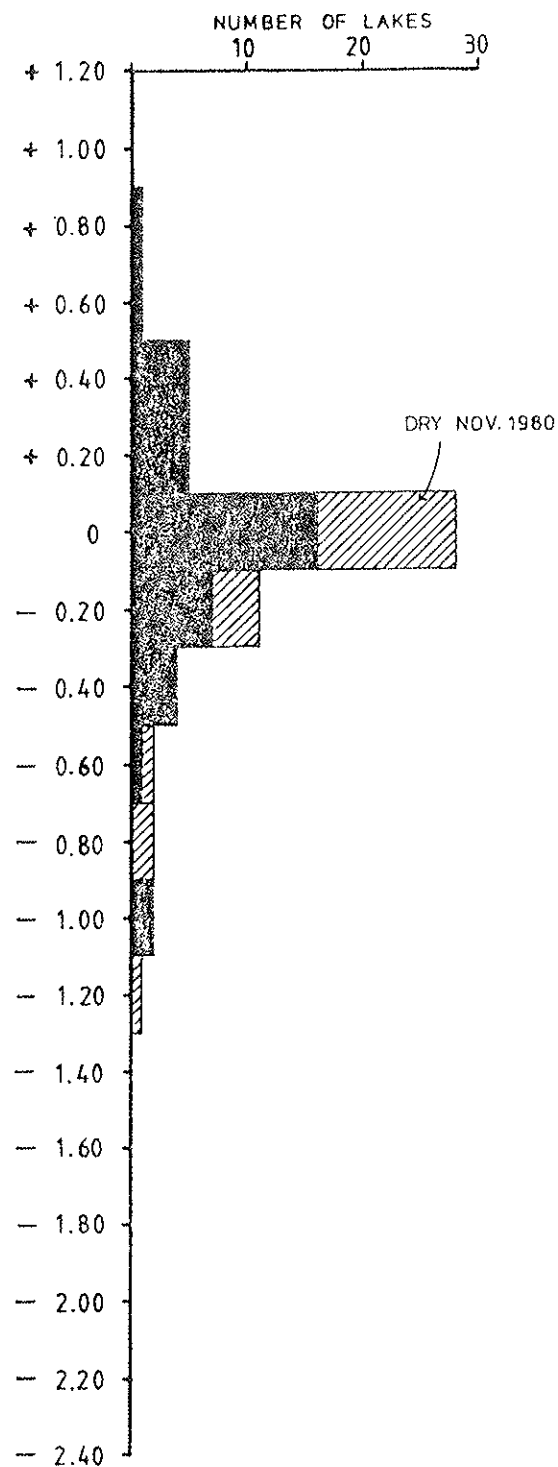


FIGURE 6b. Summary by Histogram.

1978 - 1980 CHANGES IN LAKE DEPTHS

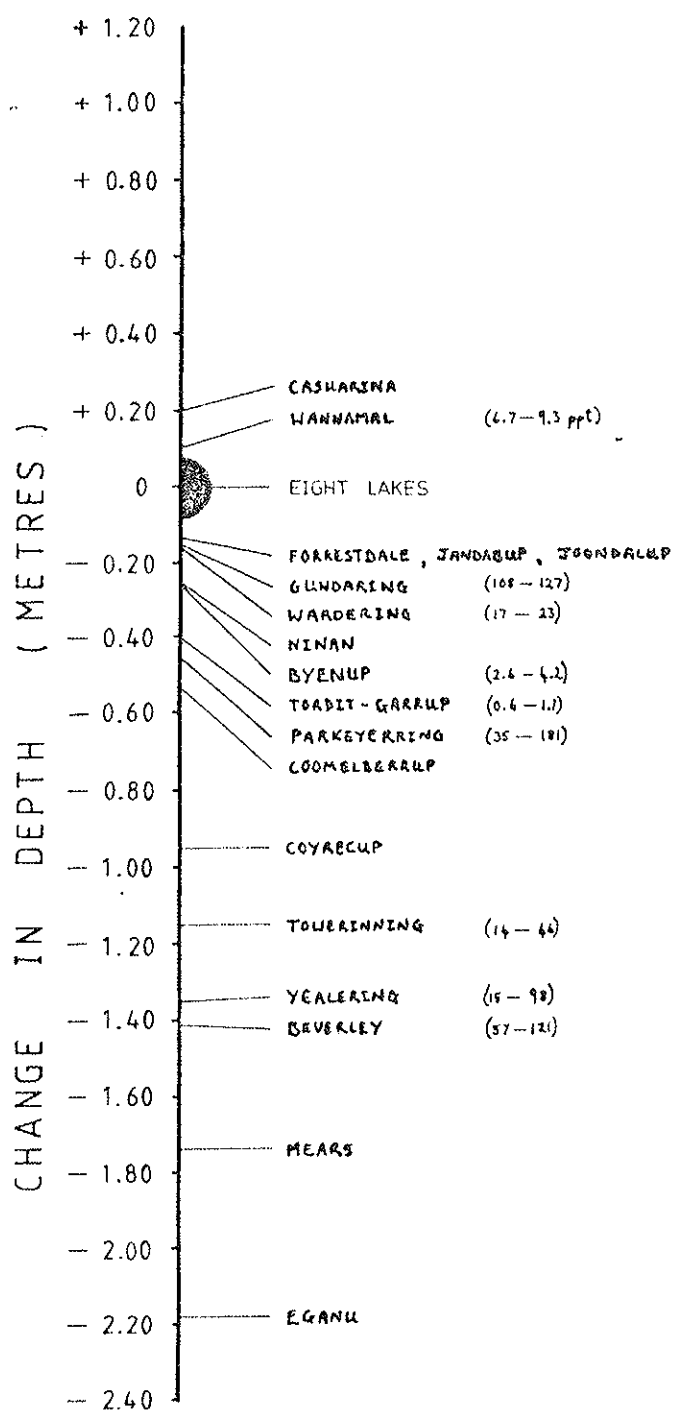


FIGURE 7a. Change in Depth of 26 Gauged Lakes from Nov. 1978 to Nov. 1980. Figures in brackets indicate changes in Salinity (parts per thousand).

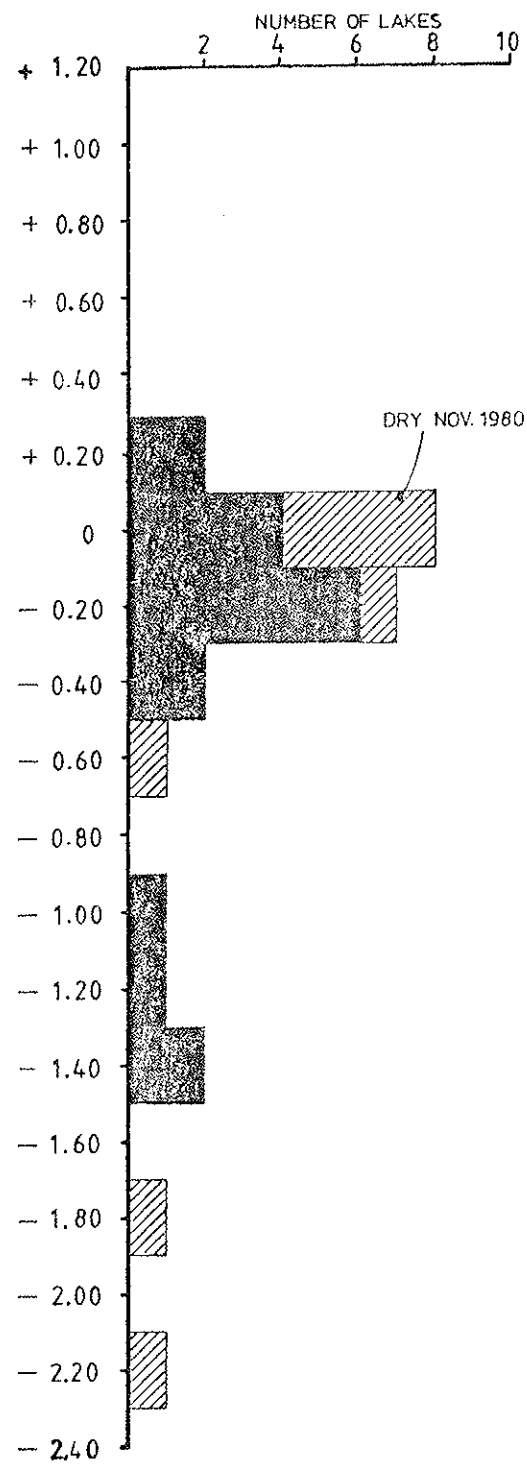


FIGURE 7b. Summary by Histogram.

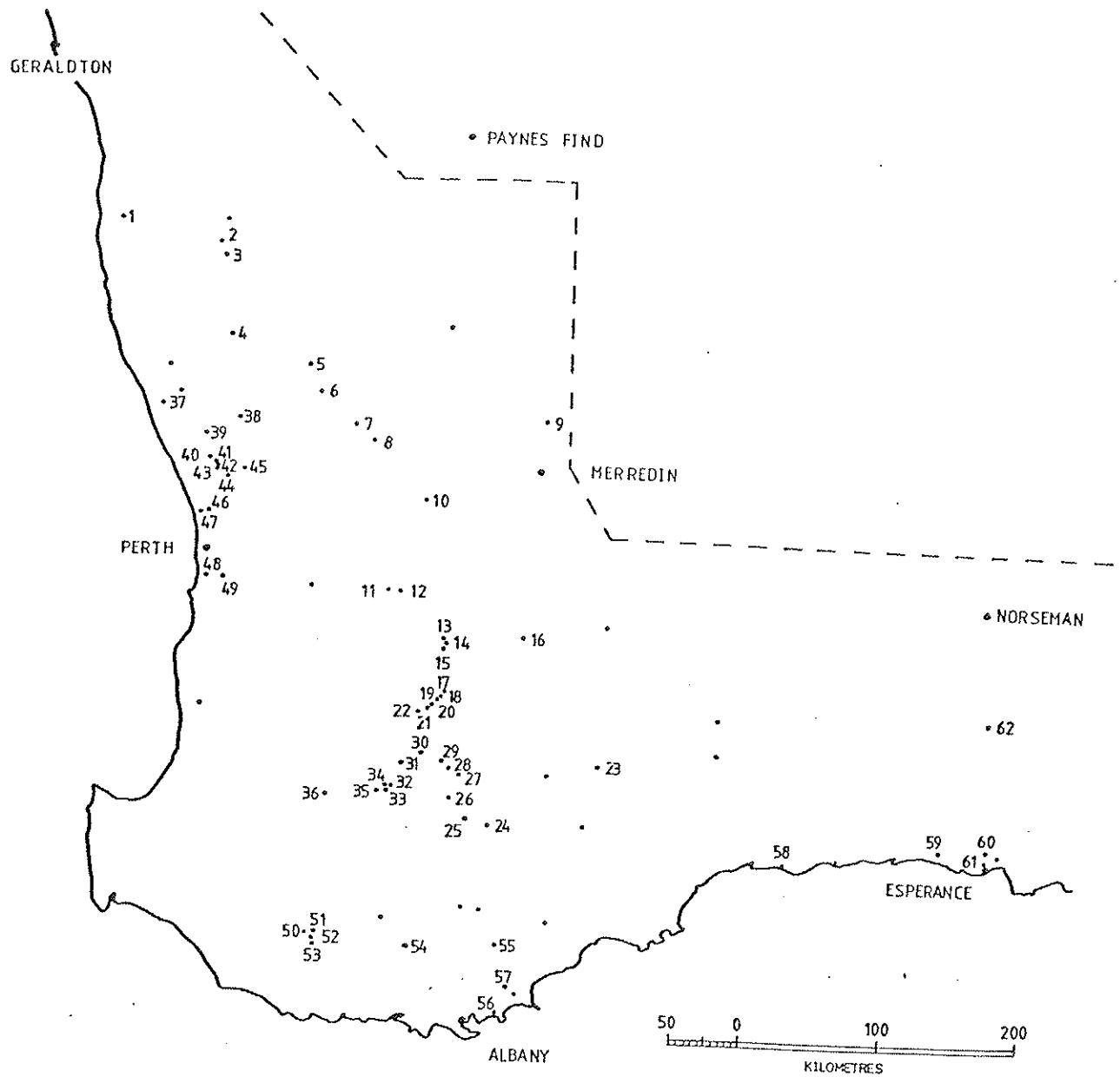


FIGURE 9. Location of Gauged Lakes.

