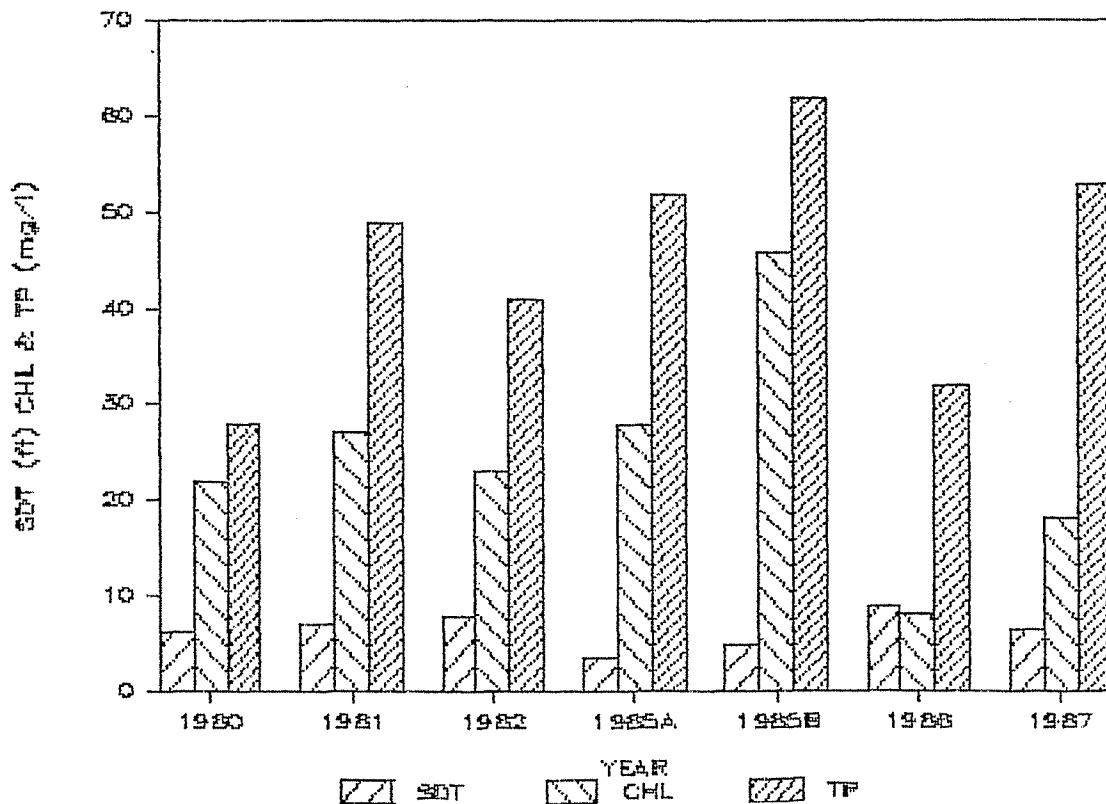


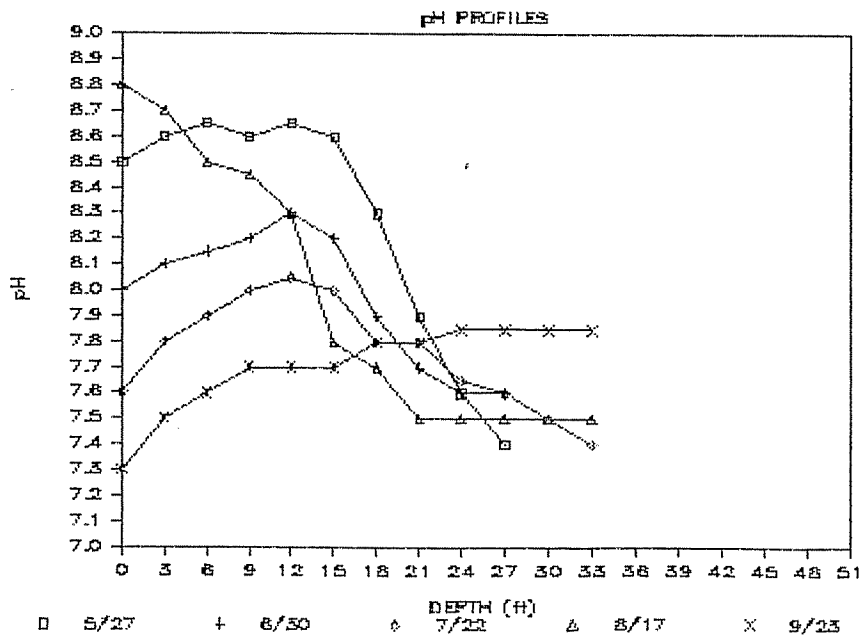
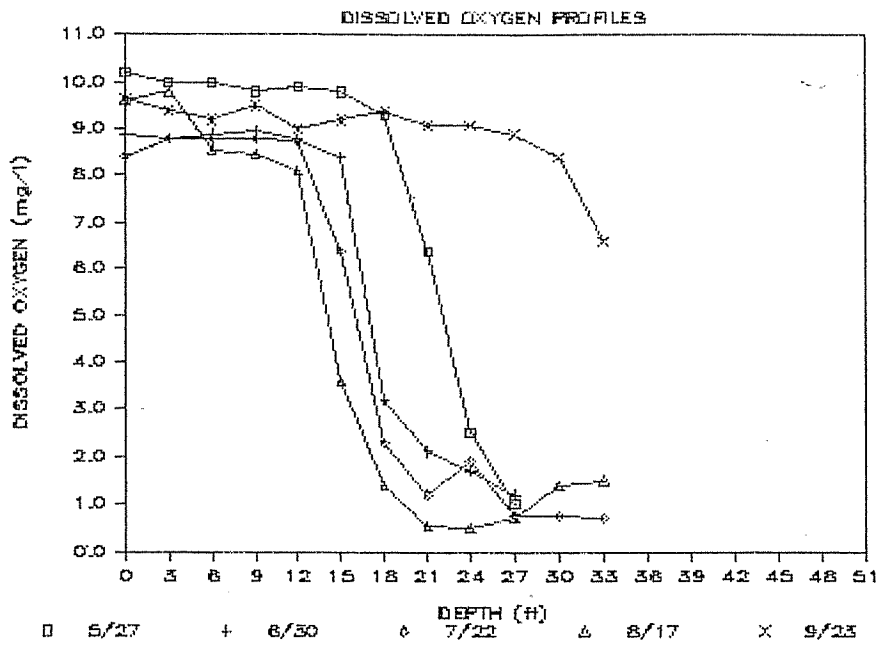
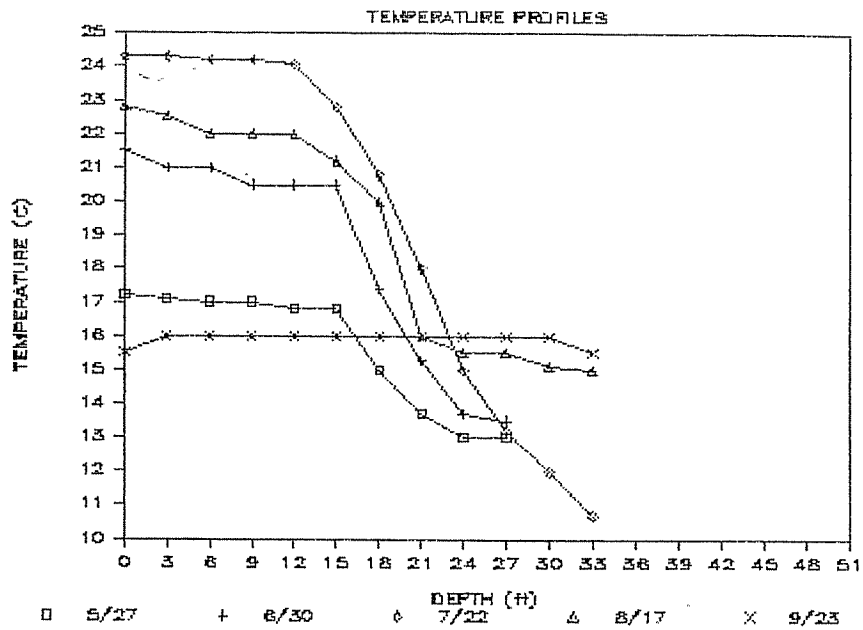
Fish Lake had poorer water quality in 1987 than in 1986 (figure 33). Average water clarity in the north arm of Fish Lake decreased from 8.8 to 6.5 feet. Concentrations of chlorophyll and total phosphorus were also higher in 1987 than in 1986. Chlorophyll and total phosphorus increased from 8 and 32 mg l⁻¹ to 18 and 53 mg l⁻¹ respectively. The average concentration of chlorophyll in 1987 was the second lowest on record. 1986 had the lowest average concentration of chlorophyll g. The average concentration of total phosphorus in 1987 was the second highest recorded.

LAKE: FISH

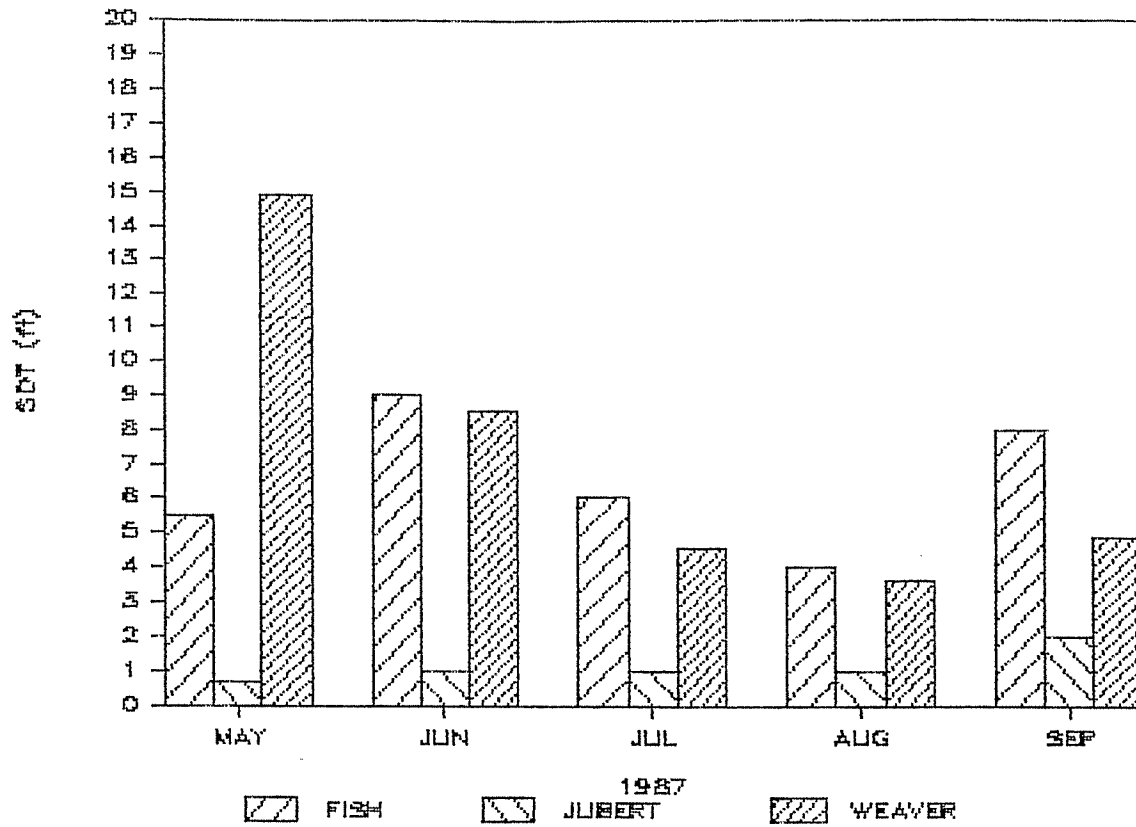
PARAMETERS		SDT	CHL	TP	N03	N02
		ft	mg/M3	mg/M3	mg/M3	mg/M3
MEAN (May - Sept)	Epilimnetic	6.5	18	53	125	11
STANDARD DEVIATION		1.8	16	19	5	11
MEAN (May - Sept)	Hypolimnetic	*	*	174	100	14
STANDARD DEVIATION		*	*	208	100	1

PARAMETERS		NH3	TKN	TN	ALK	CL
		mg/M3	mg/M3	mg/M3	g/M3	g/M3
MEAN (May - Sept)	Epilimnetic	585	1566	1702	250	28
STANDARD DEVIATION		350	354	*	*	*
MEAN (May - Sept)	Hypolimnetic	1471	2986	3100	239	28
STANDARD DEVIATION		1178	1496	*	*	*

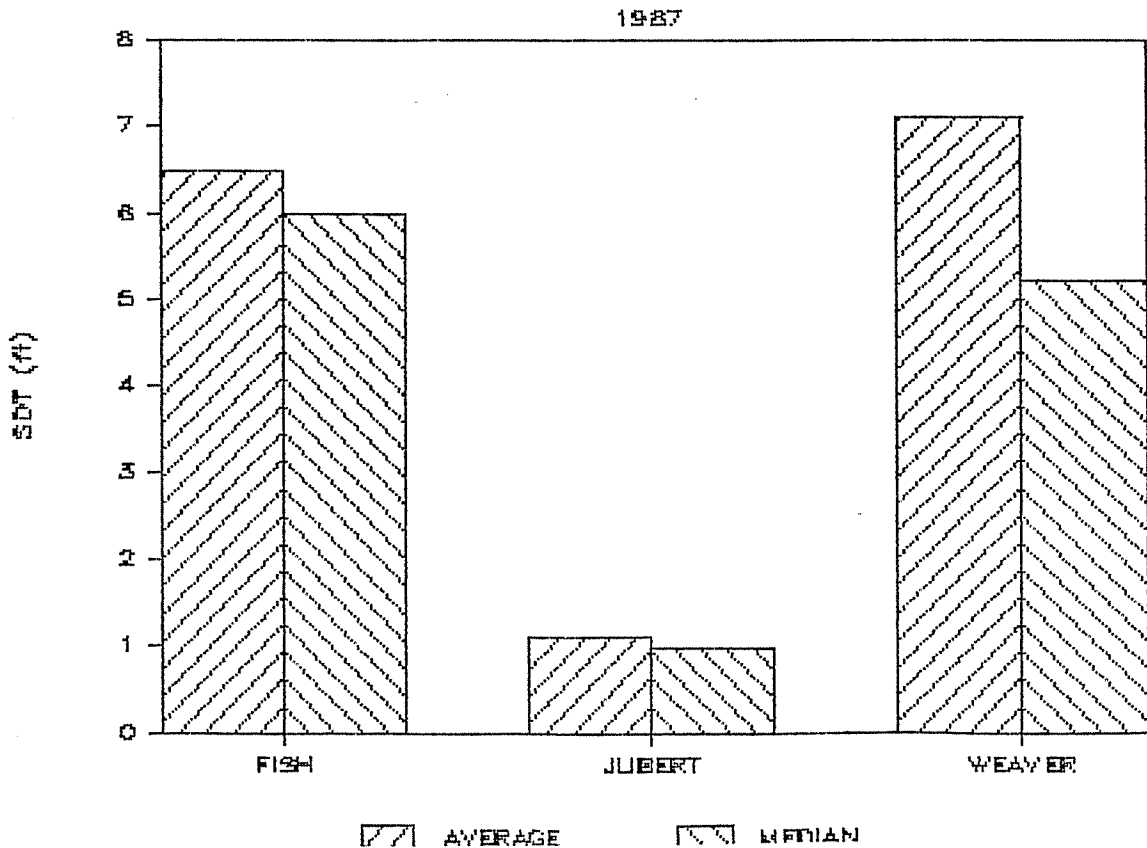




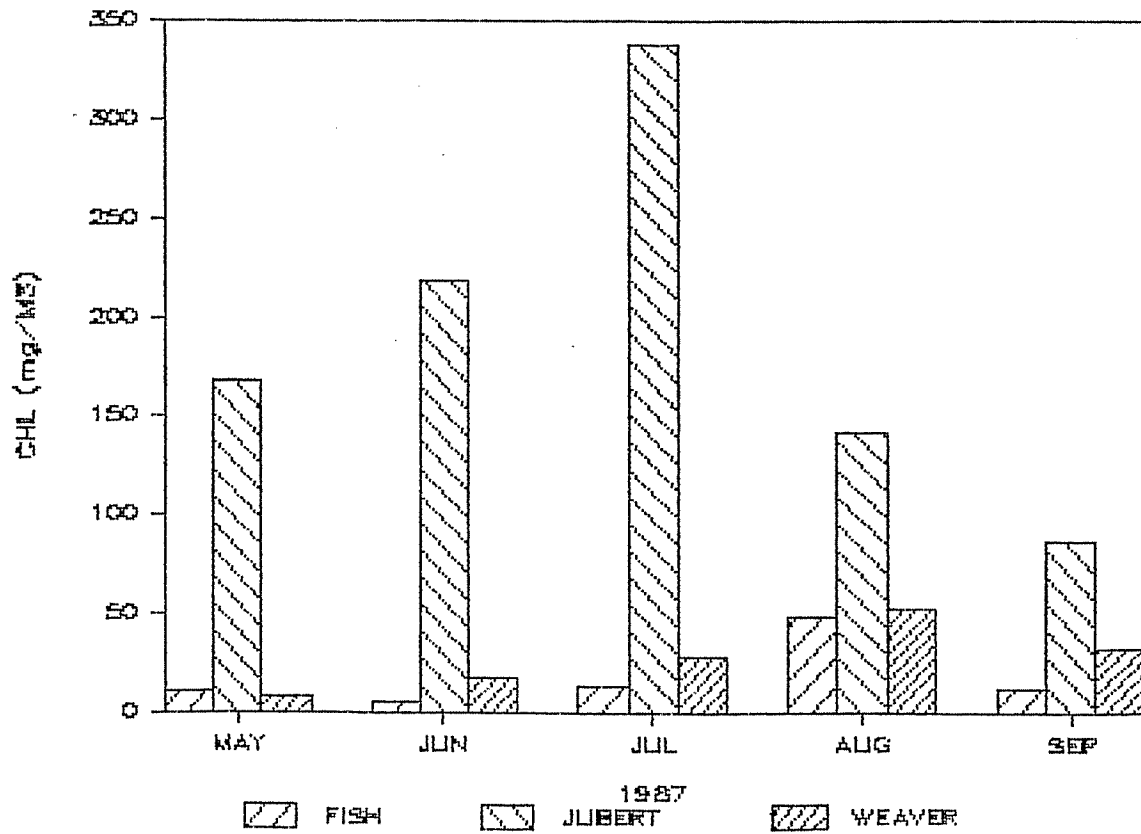
SECCHI DISK TRANSPARENCY



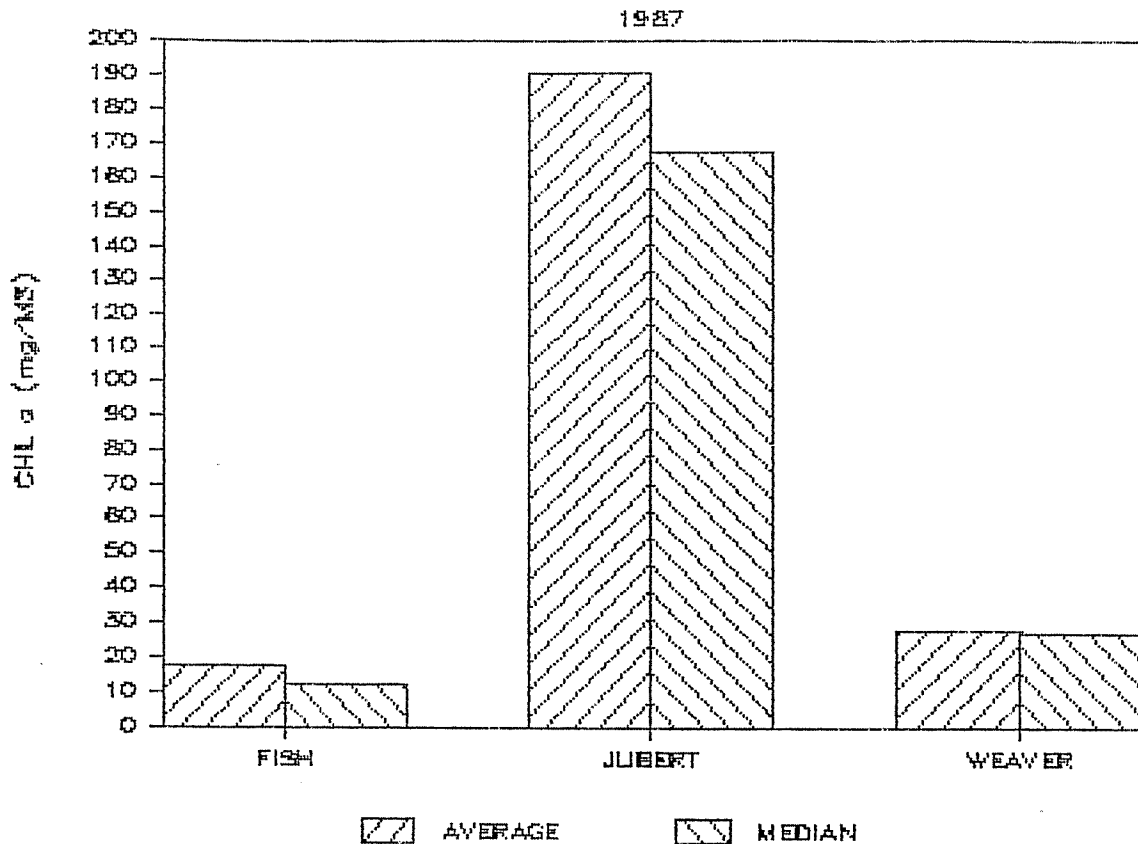
AVERAGE AND MEDIAN VALUES OF SDT



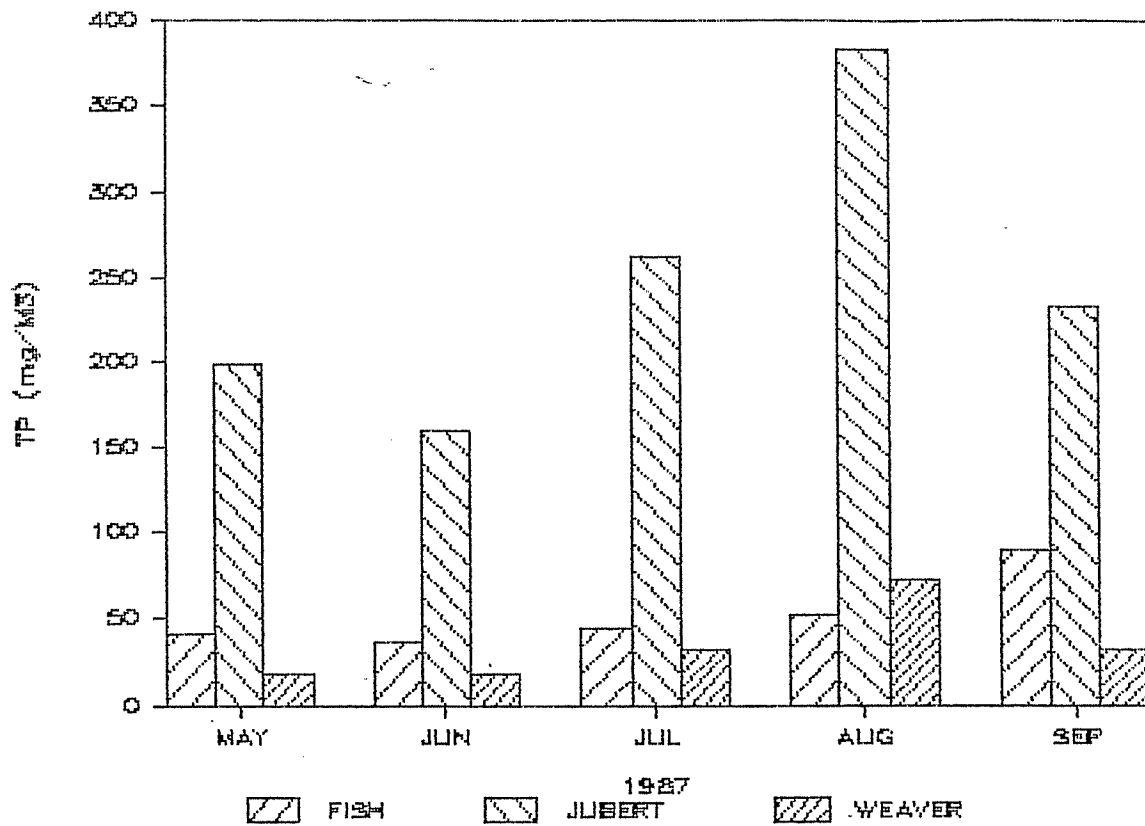
CHLOROPHYLL a



AVERAGE AND MEDIAN VALUES OF CHL a



EPILIMNETIC TOTAL PHOSPHORUS



AVERAGE AND MEDIAN VALUES OF TP

