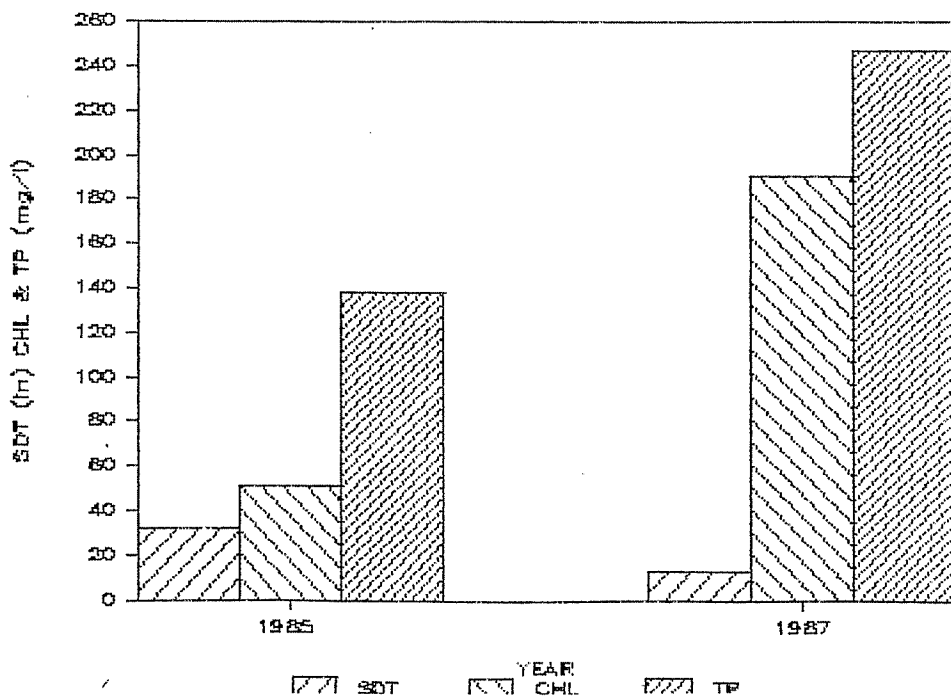


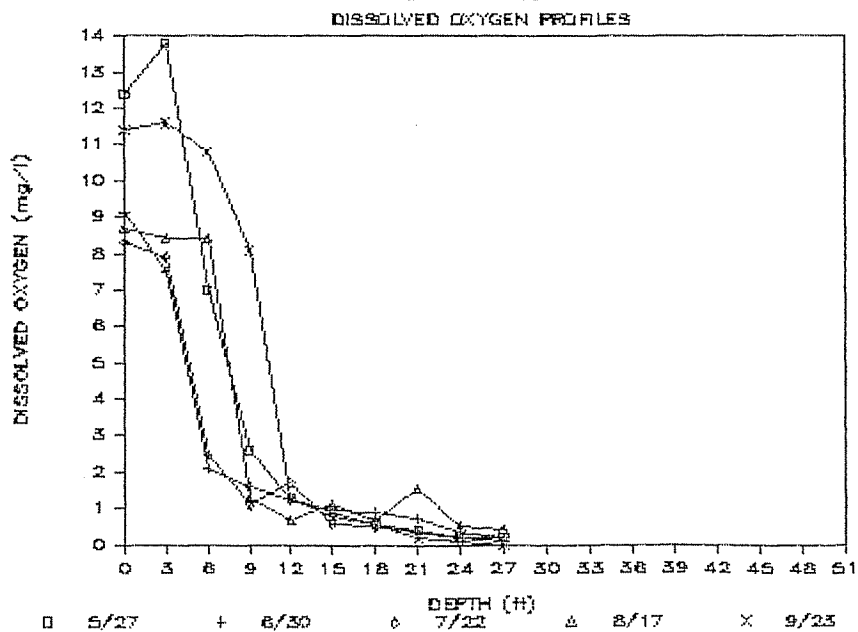
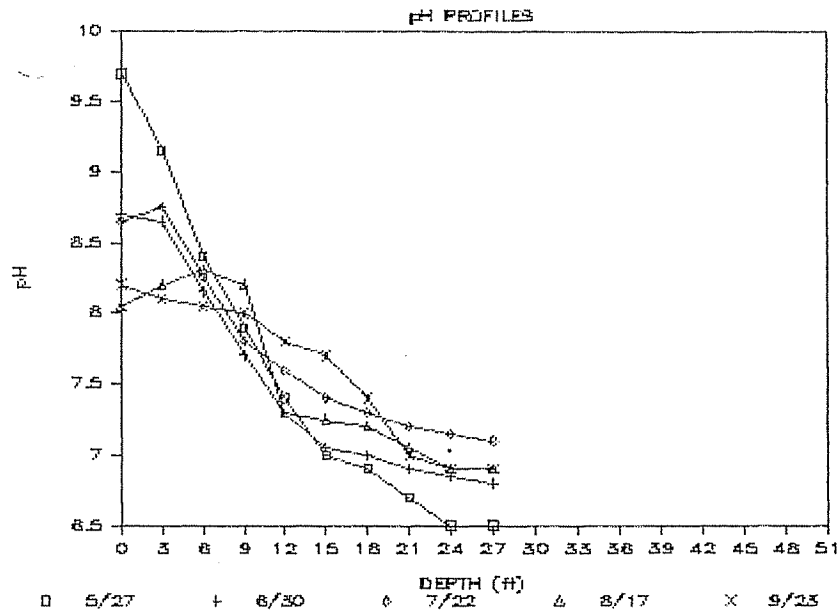
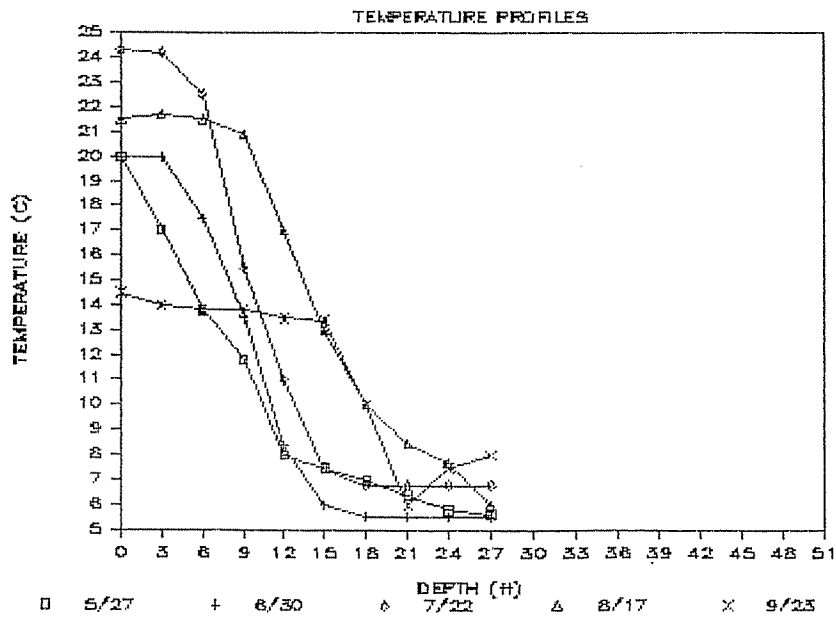
Jubert Lake had significantly poorer water quality in 1987 than in 1985 (figure 35). The average concentration of chlorophyll a in 1987 was triple the average observed in 1985. The average concentration of total phosphorus nearly doubled and average secchi disc transparency was reduced by approximately 50 percent. The lack of snow cover may have been partly responsible for the poor water quality in Jubert Lake. The phytoplankton in this lake are dominated by motile forms of algae that seek out optimum light conditions in the water column. High light levels during the winter due to a lack of snow cover may have allowed these algae to get a head start in 1987.

LAKE: JUBERT

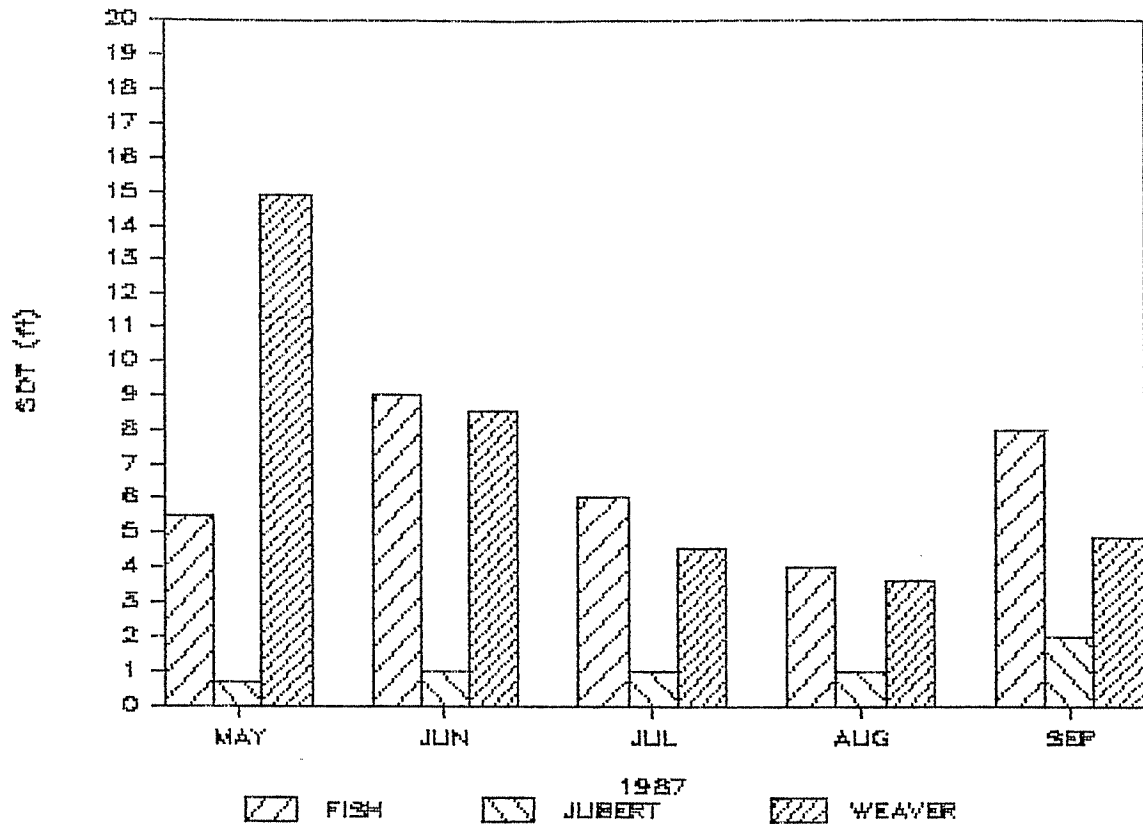
PARAMETERS		SDT	CHL	TP	N03	N02
		ft	mg/M3	mg/M3	mg/M3	mg/M3
MEAN (May - Sept)	Epilimnetic	1.1	191	247	225	56
STANDARD DEVIATION		0.5	85	76	75	36
MEAN (May - Sept)	Hypolimnetic	*	*	733	195	17
STANDARD DEVIATION		*	*	399	55	3

PARAMETERS		NH3	TKN	TN	ALK	CL
		mg/M3	mg/M3	mg/M3	g/M3	g/M3
MEAN (May - Sept)	Epilimnetic	989	4830	5111	167	27
STANDARD DEVIATION		282	2170	*	*	*
MEAN (May - Sept)	Hypolimnetic	3400	5542	5754	249	26
STANDARD DEVIATION		2755	2392	*	*	*

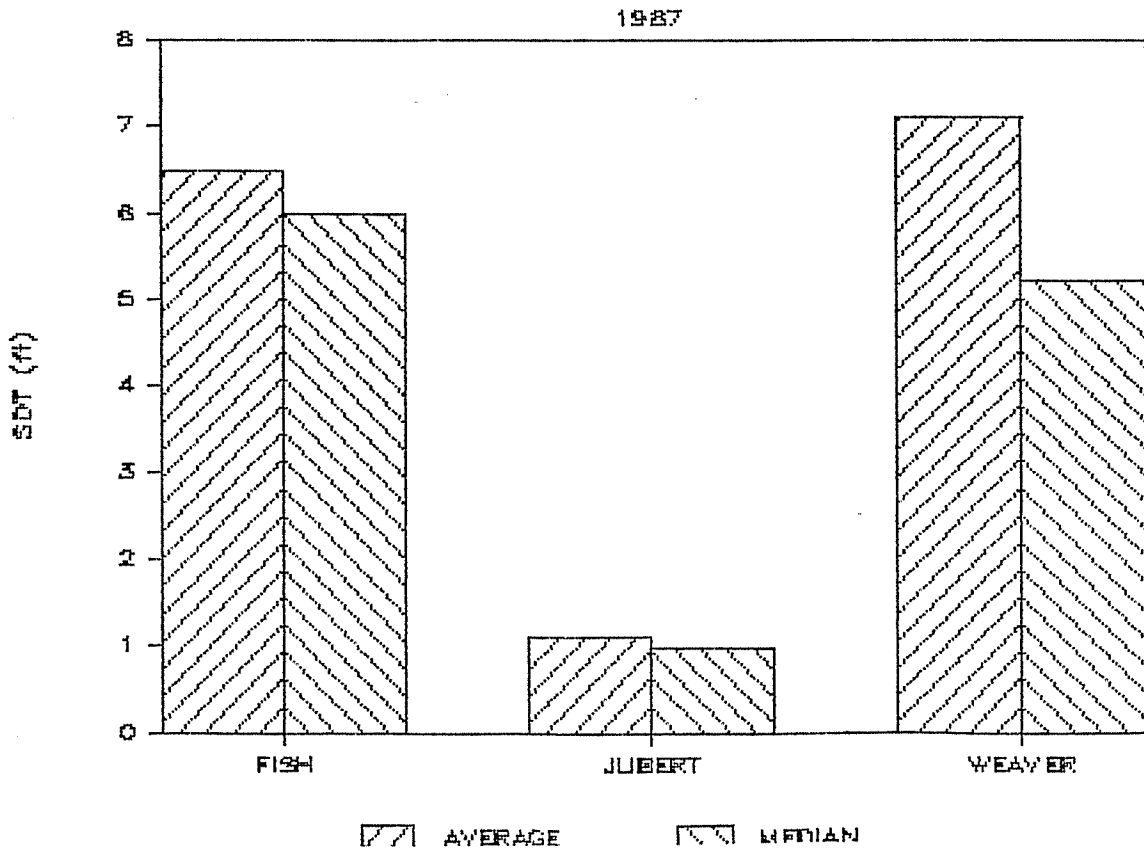




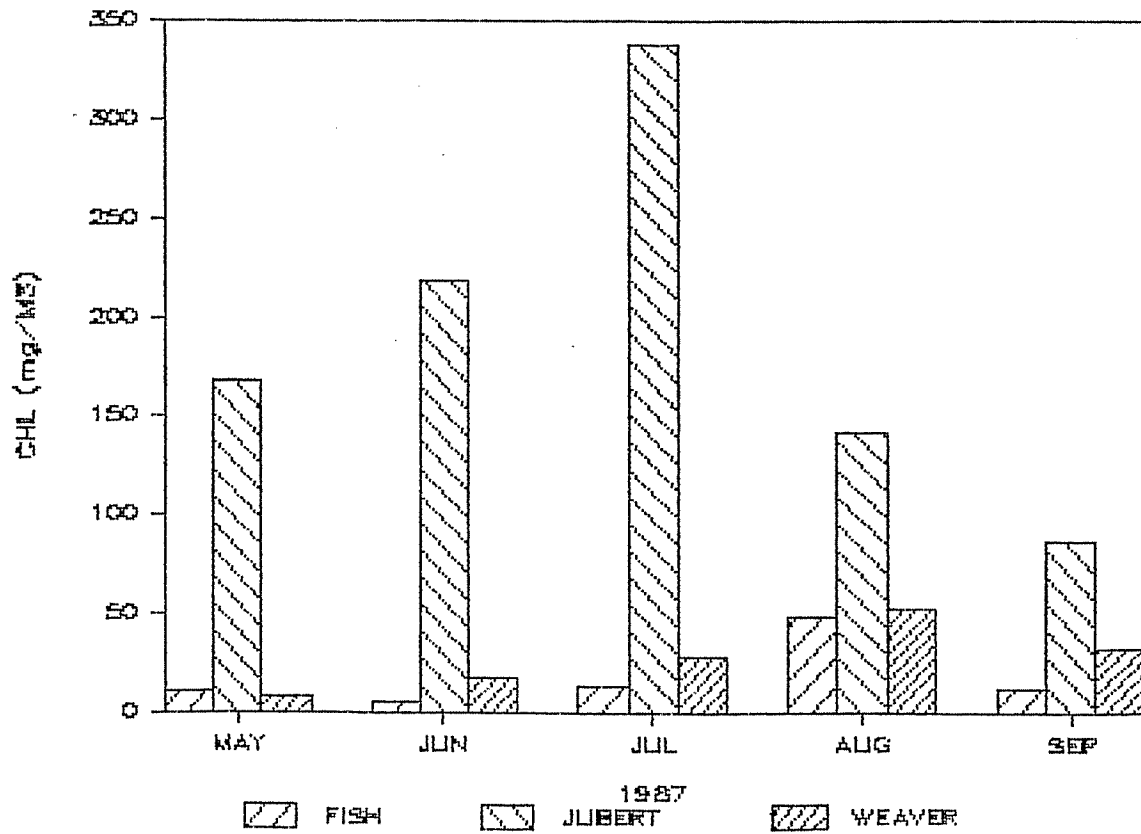
# SECCHI DISK TRANSPARENCY



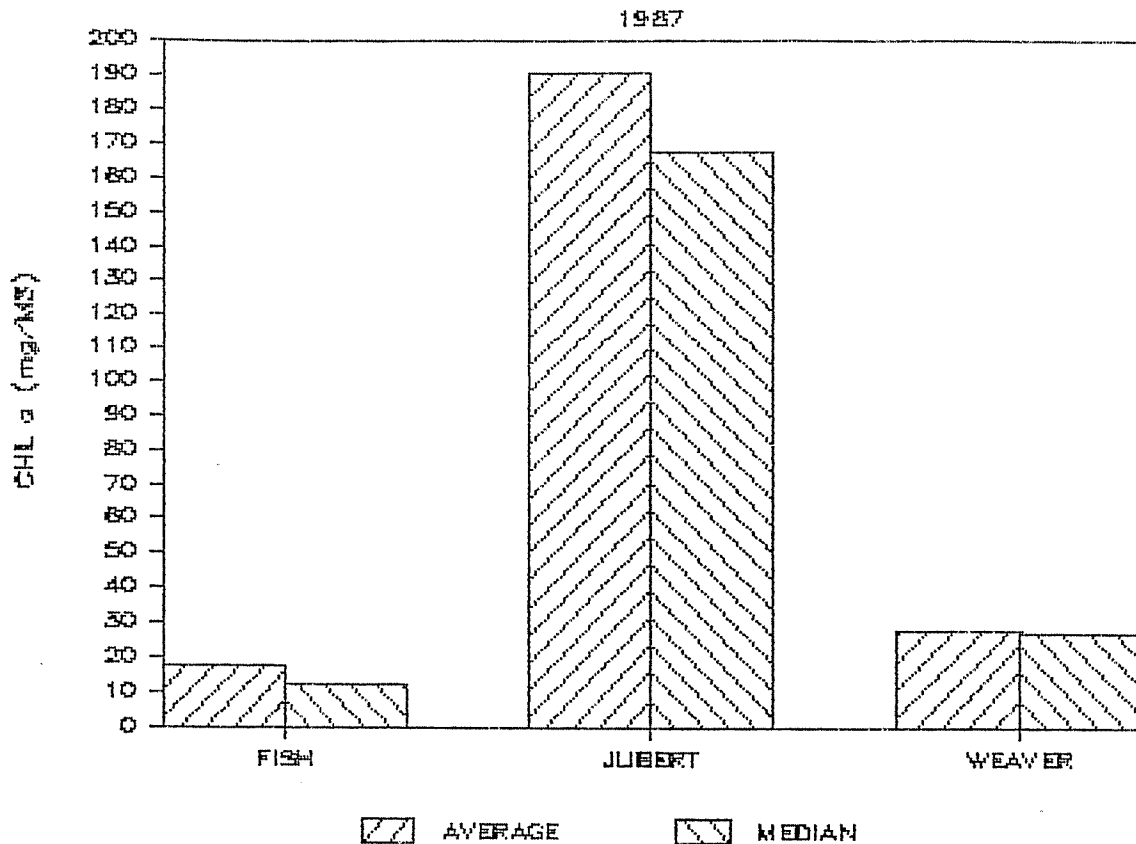
# AVERAGE AND MEDIAN VALUES OF SDT



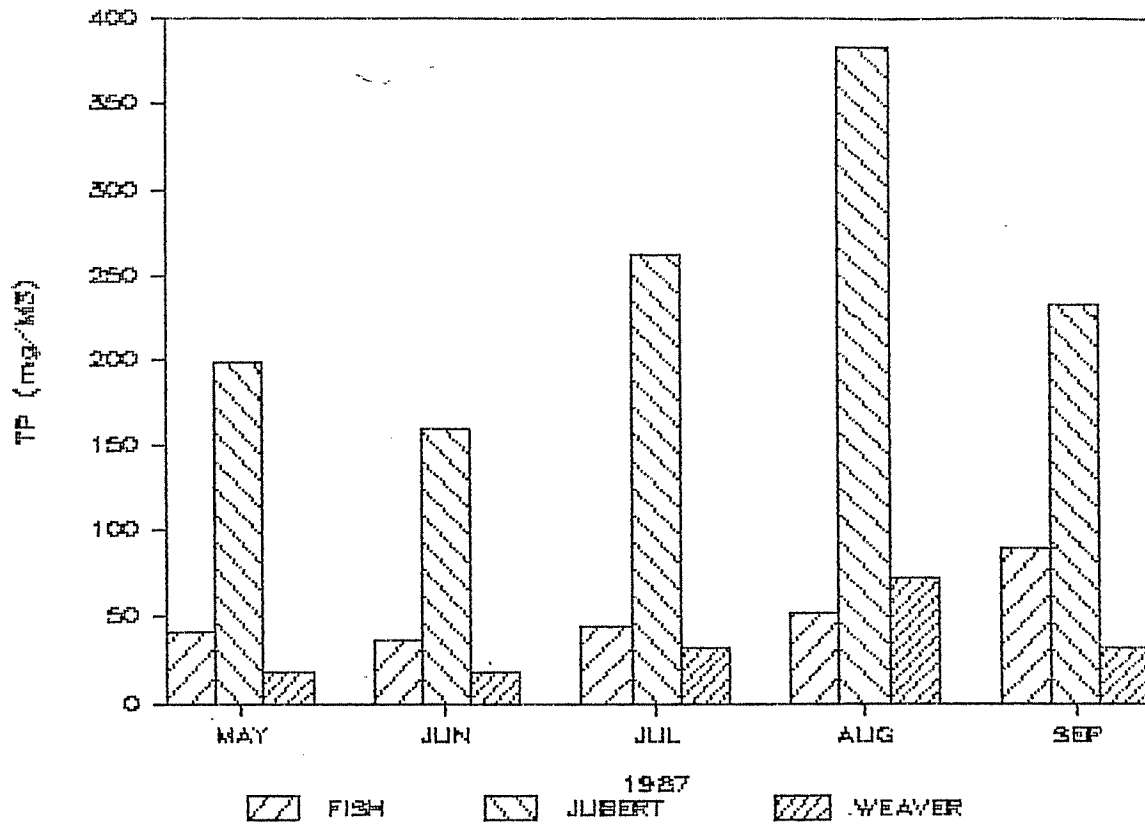
# CHLOROPHYLL a



## AVERAGE AND MEDIAN VALUES OF CHL a



# EPILIMNETIC TOTAL PHOSPHORUS



# AVERAGE AND MEDIAN VALUES OF TP

