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Table S6.4.4 Relationship between the Sediment Mixing Ratio and the Characteristics of the Lake

المساد المتعالمي المراكبين والمنا

Values from one station on a day of high waves. The other values represent the mean value of several stations.

	Max. Size (jim) 32.0	Size of 60%(µm) 2.93	Size of 30%(µm) 0.784	Size of 10%(jum)	74~5µm 29.0	Size Ratio (%) 5 1µm 32.1	1µm > 38.9
1	32.0	2.37	0.748		26.6	34.6	38.8
	32,0	3.34	1.07 1.07		27.9	44.3	27.8
<b> </b>	32.0	2.23	0.709		23.8	35.9	40.3
	4.0					21.9	78.1

Table S6.4.5 Diameter of Particles in the Lake Water

	<b>1988</b>	<b>1989 (Feb. and Mar.)</b>
Correlation between SD and TR	Existence of correlation	High TS were set of the
Correlation between SD and TR	Existence of correlation	Highest tendency of TR
Correlation between SD and SS	Existence of correlation	Lowest tendency of SS
Correlation between SD and Chl- <u>a</u>	No good correlation, but there are little correlation	Low SD and verylow Chl-a
Turbidity and SD	Existence of correlation	Low turbidity and low SD
Turbidity and TR	Existence of correlation	Low Turbidity and high TR
Diameter of particles (Jul. 8) $1\mu$ >	Mean: 35.6%	90%, 85% (from (TR-SS)/TS)
Sediment mixing ratio % mg/	Correlation in Jun. Aug. Oct. Correlation in Jun. Aug. Oct.	Low % Small quantity
pH and Chi-a	Good correlation in same cases	Constant, no relation with chl- <u>a</u> (Feb.)
Water absorbance	1.0 µm> Almost zero absorbance 0.45µm>	
Light attenuation	Correlation in SS at the surface	Noting attenuation coefficient is very high (1% light intensity = 35 and 40cm)

Table S6.4.6(1) Water Quality Comparison between 1988 and 1989 (Feb. and Mar.)

1988 1989 (Feb. and Mar.)	r Blackish grey, not transparent Blackish grey, not transparent	39~81 (exclude Oct.)	6.9~9.6 Lower (7.0,7.6)	72~127 Lower (67, 76)	73~166	0.~2€	715~3,338	410~1,102		0~1,412	23~102	69~137 187	1	96~115
	Water color	SD (cm)	Hq	DO (%)	TP (µg/l)	PO4 - P (µg/l)	TN (µg/l)	DO (µg/l)	NH4 - N (µg/l)	NO <sub>3</sub> - N (µg/l)	Chl- <u>a</u> (µg/)	TR (mg/)	SS (mg/l)	TR-SS (mg/)

Table S6.4.6(2) Water Quality Comparison hetween 1988 and 1989 (Reh. and Mon.)

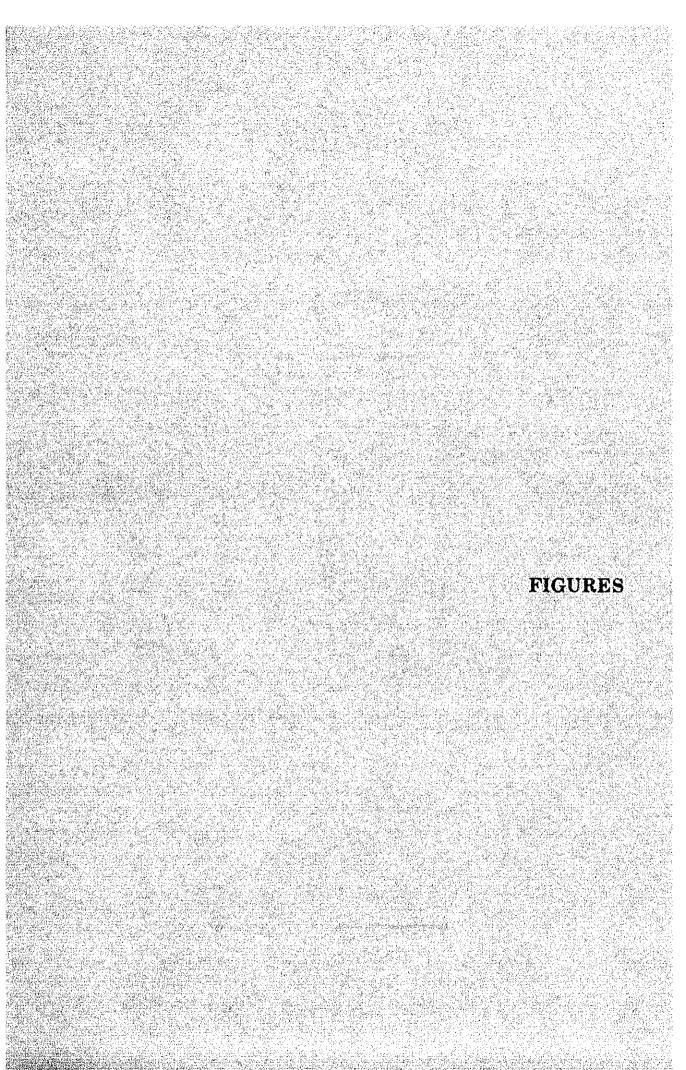
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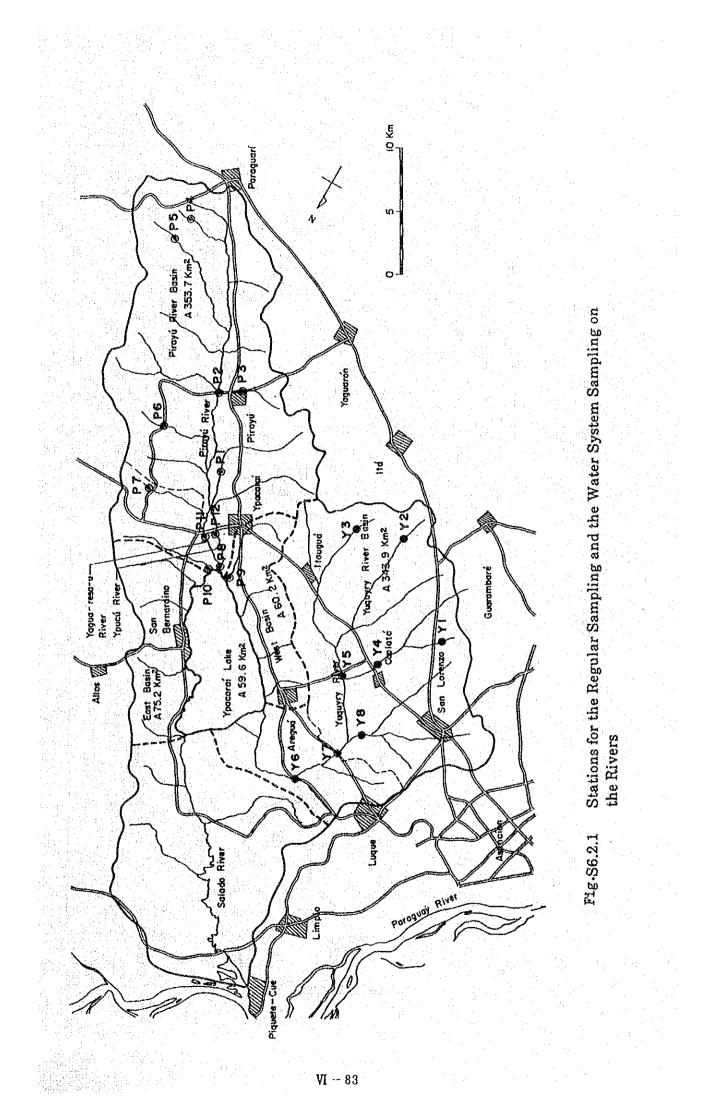
 Table S6.5.1
 Physical and Chemical Characteristics of Sediment in the Lake (surface)

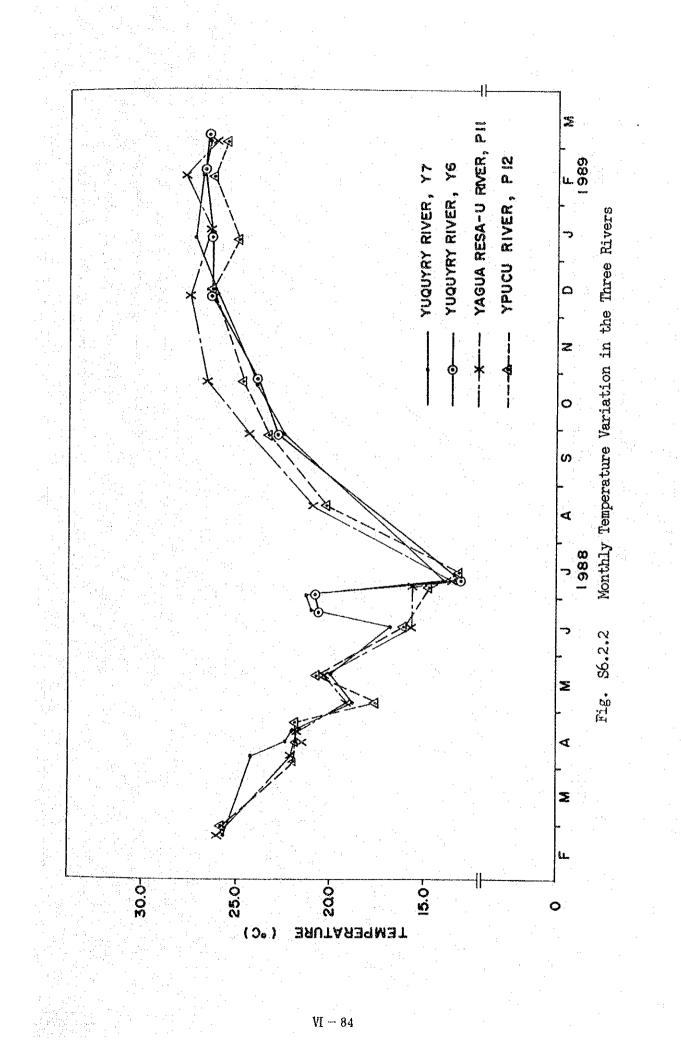
	St. Item	Organic N (mg/g-dw)	Organic C (mg/g-dw)	CN	Density (g/cm <sup>3</sup> )	Water Content (%)	Ignition Loss (%)
	*E-a	2.37	38.52	16.3		97.3	
	E-b	5.57	61.78	1.11		<i>¥:11</i>	
Feb.17,'88	E-c	4.99	77.58	15.5		195.9	
	E-d	5.15	79.97	15.5		183.4	
	Be	4.70	70.96	1:51		186.5	
	Mean	<b>5.10</b>	72.57	14.3		185.8	
	*St. 4	0.60	8.12	13.5	1.75	34.1	2.0
	St. 25	4.64	73.04	15.7	1.14	169.9	8.9
Jul. 9,'88	St. 27	4.31	61.91	14.4	1.18	202.1	18.0
	St. 30				<b>1.16</b>	174.9	34.3
	St. 49	4.58	75.93	16.6	1.18	222.9	19.9
	*Mean	4.51	70.29	15.6	1.17	192.5	20.3

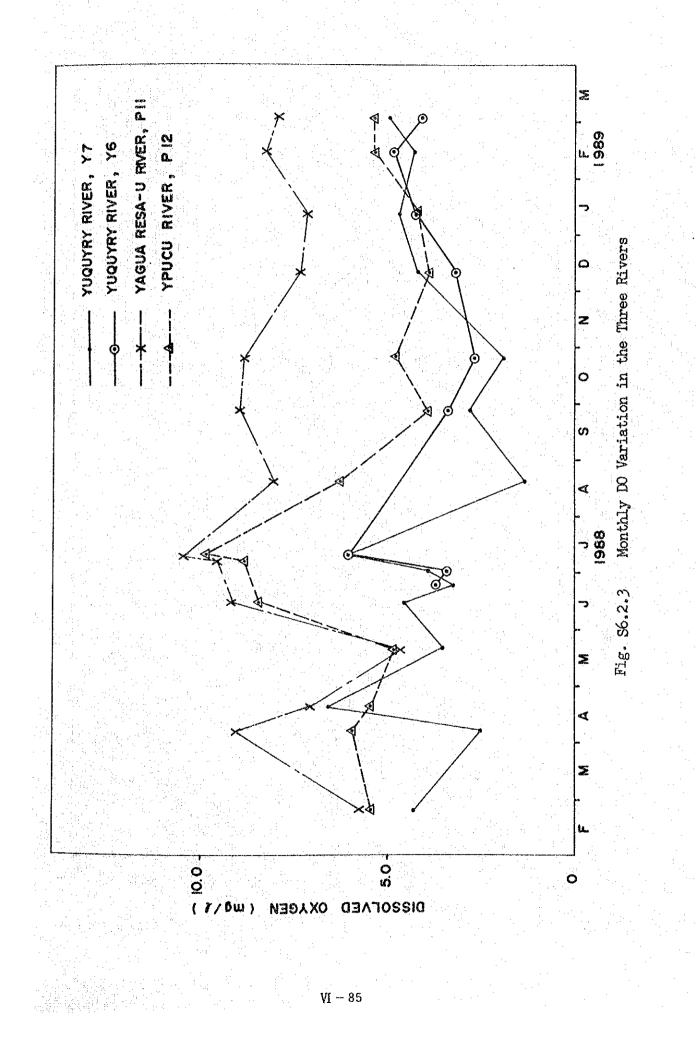
\* Values at E-a and St. 4 were not used for calculation of mean values.

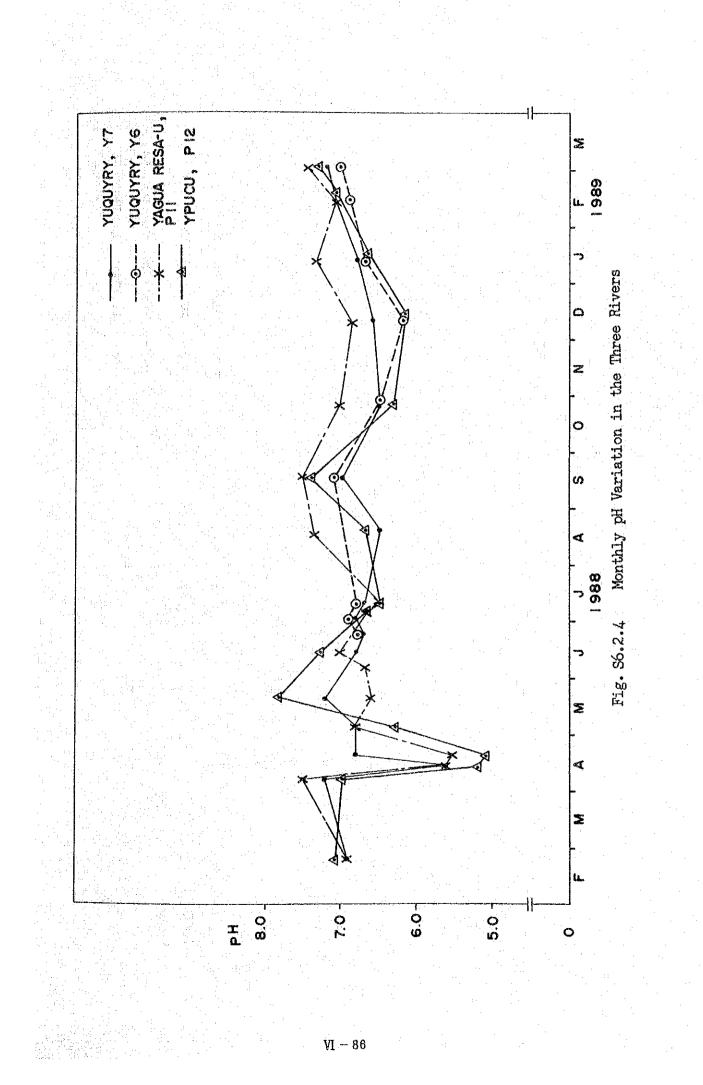
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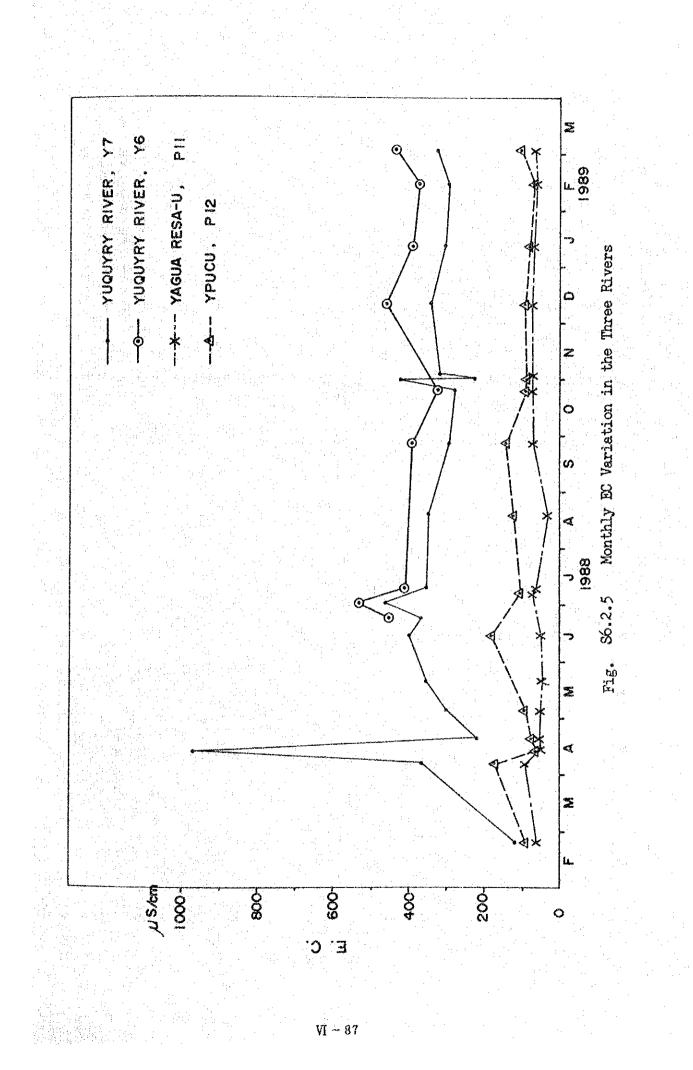


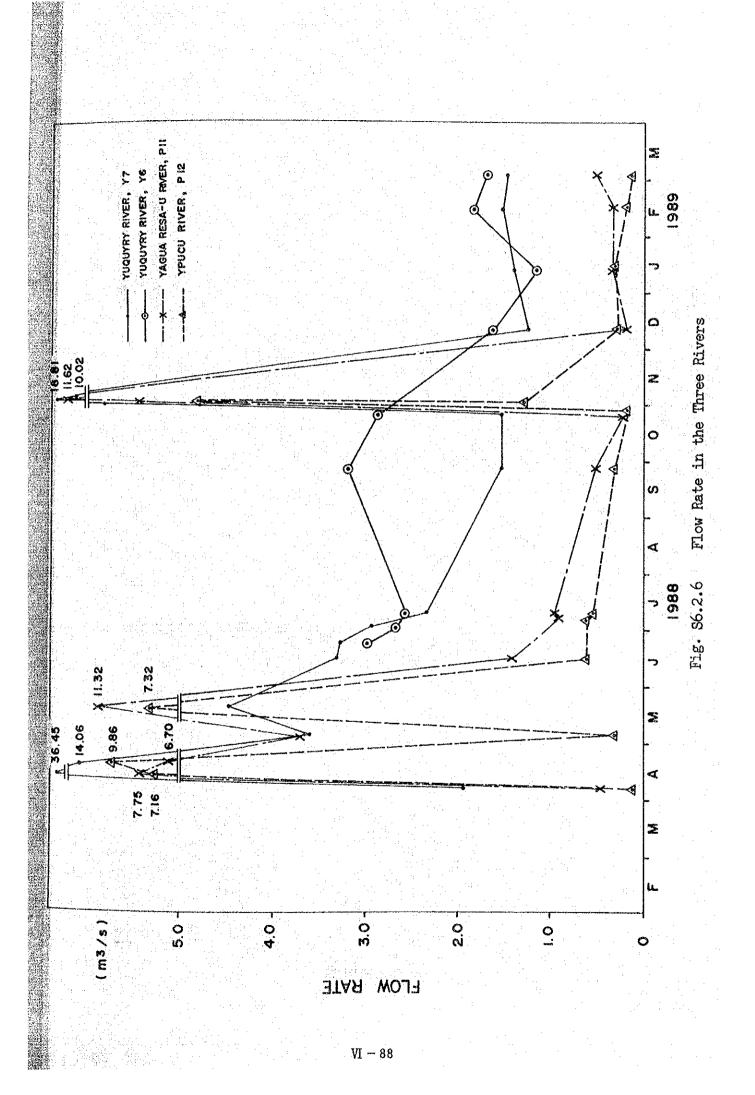


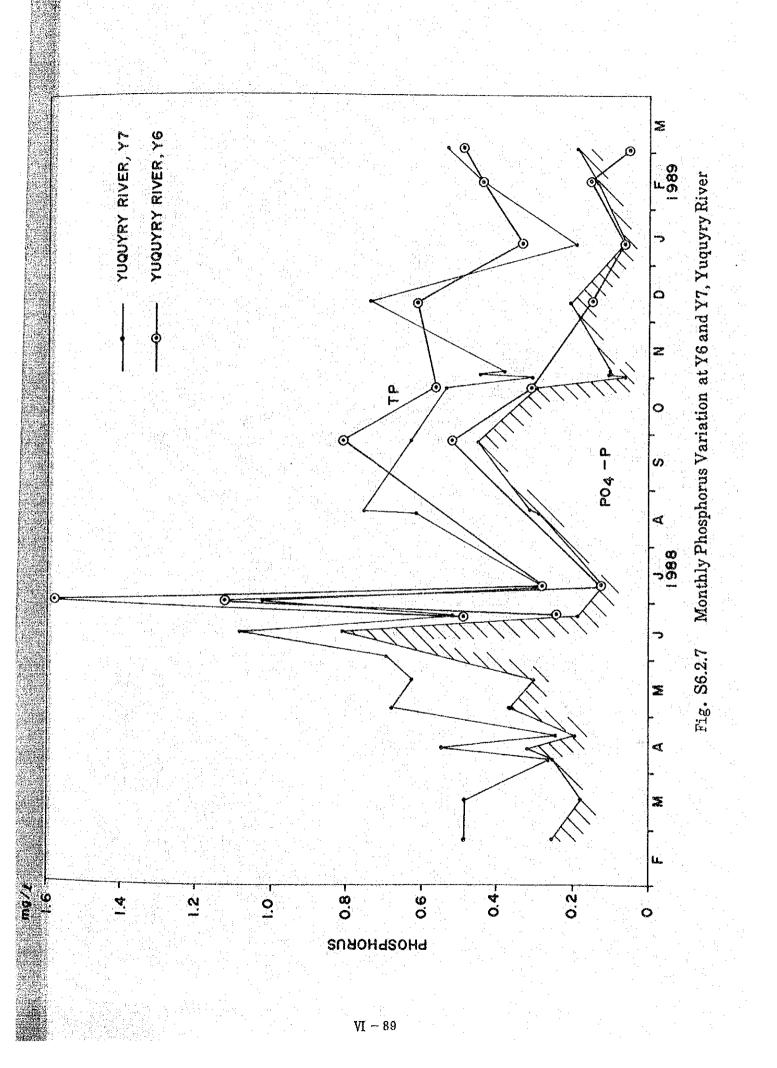


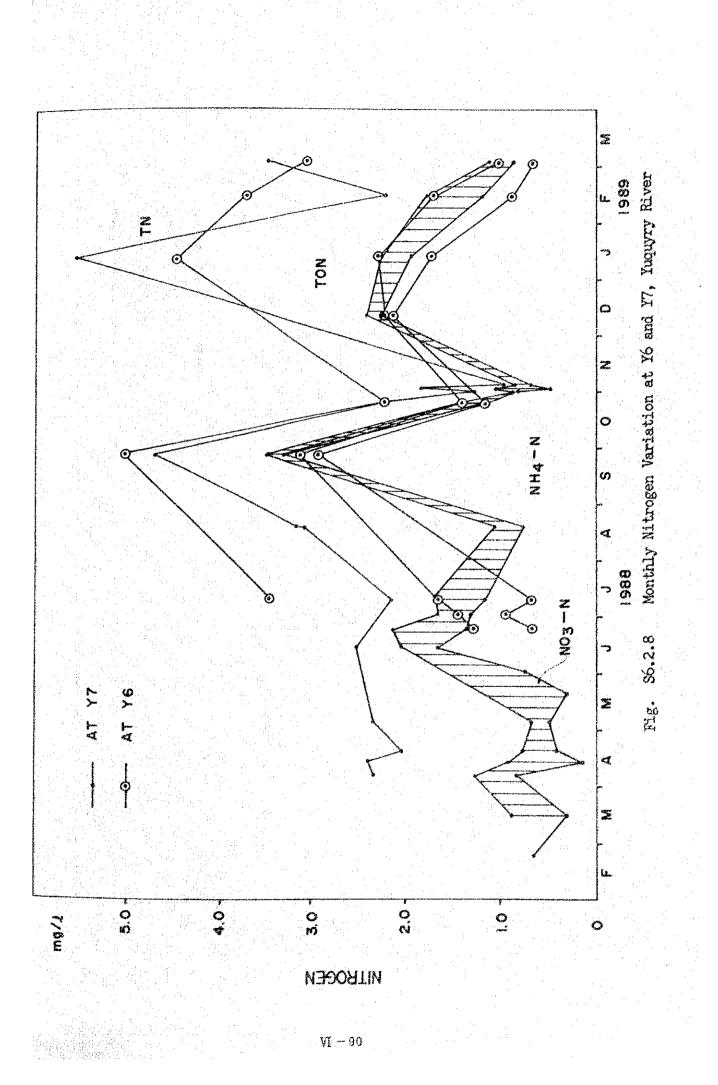


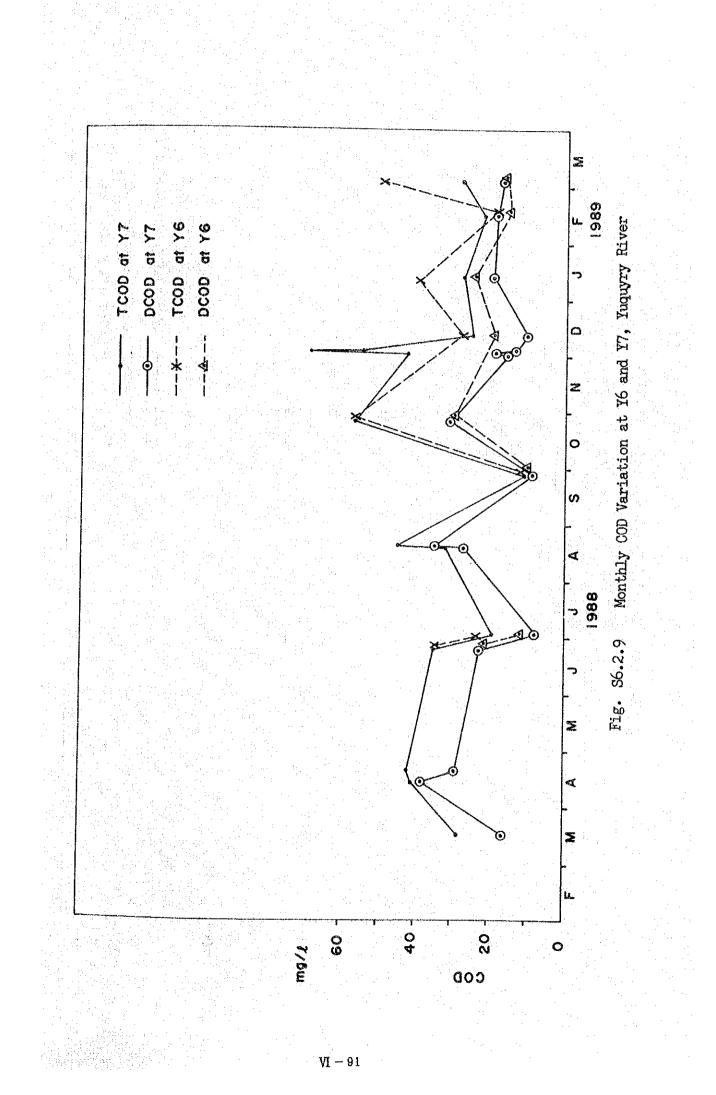


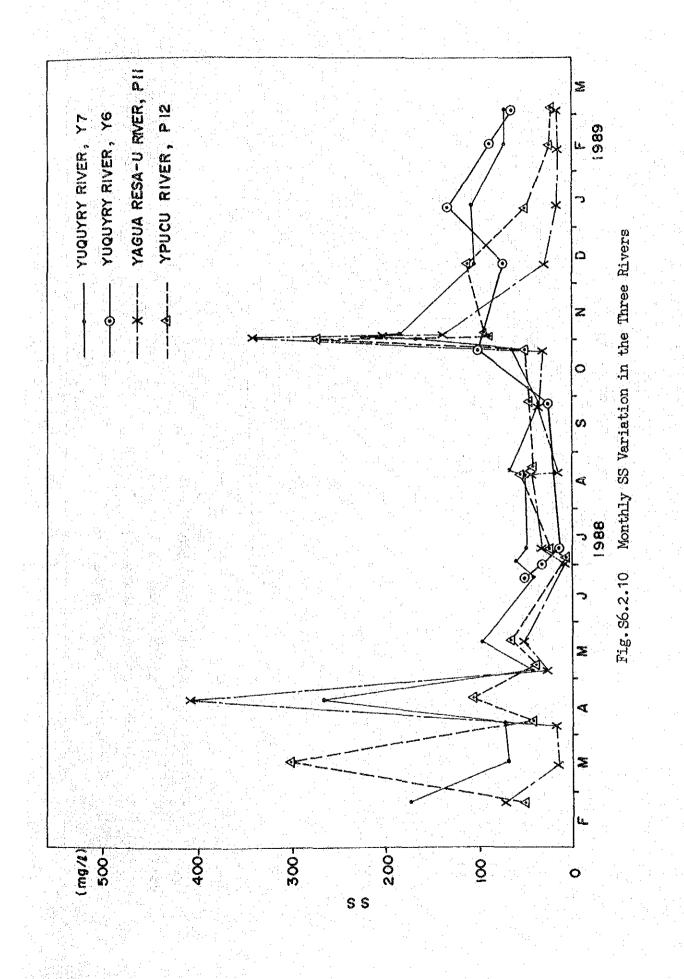


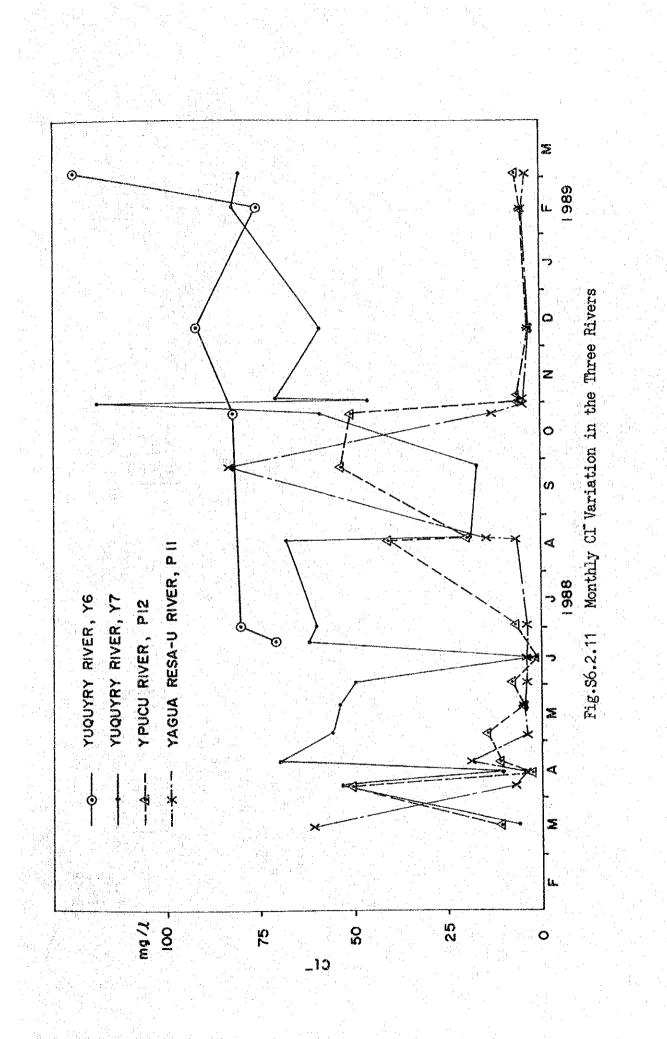


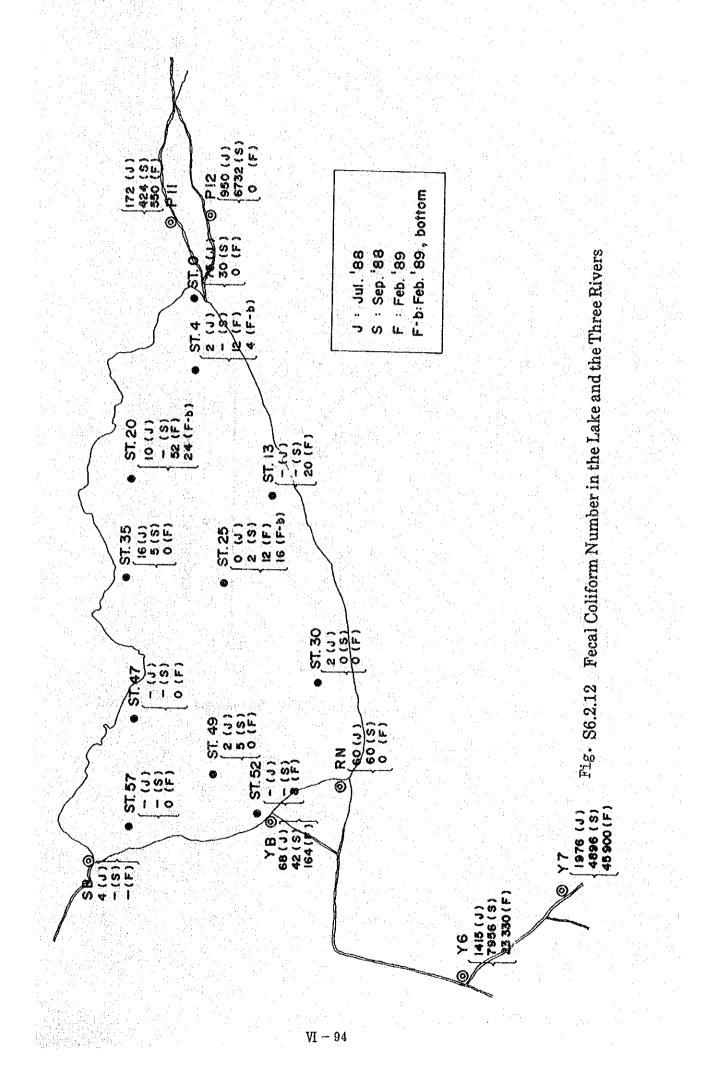












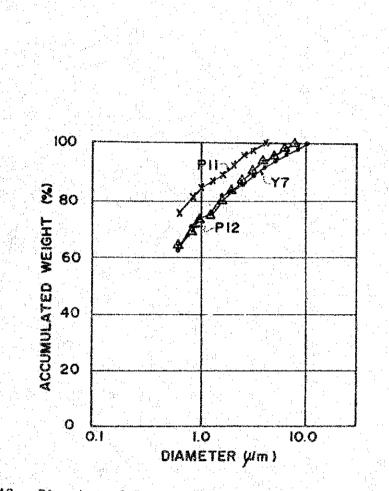
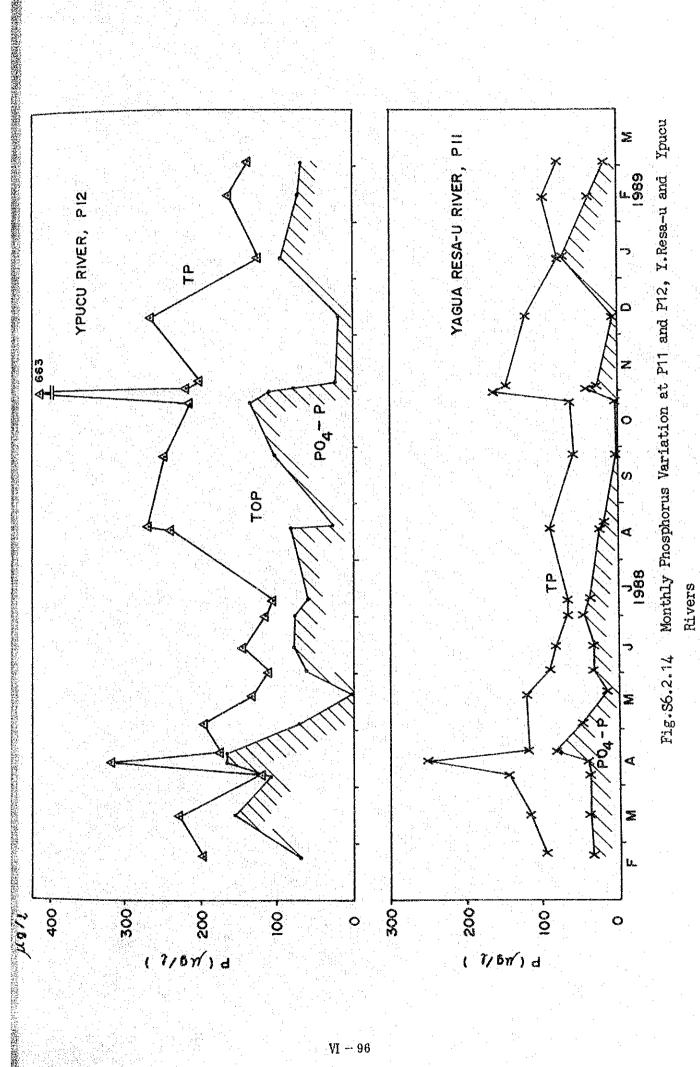
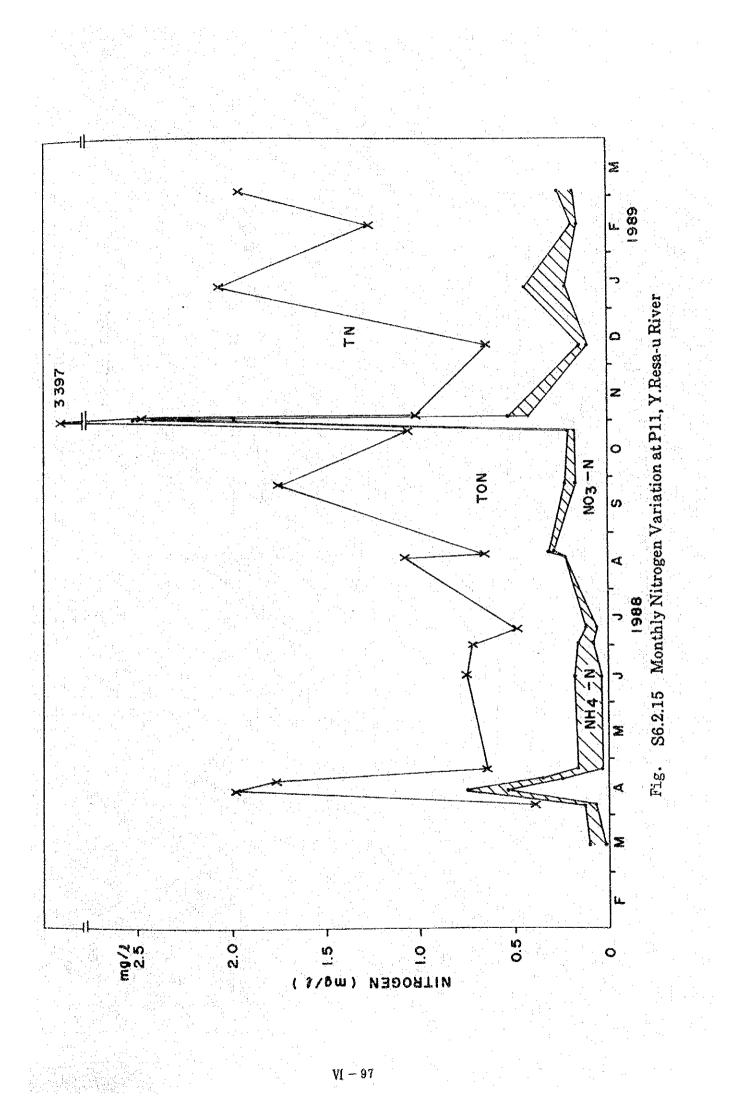
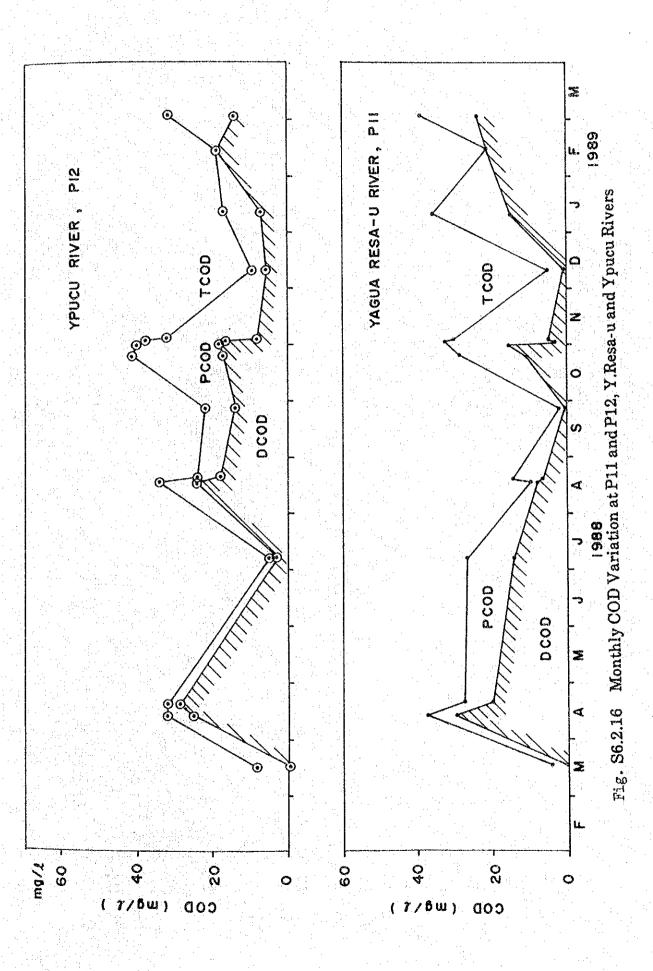
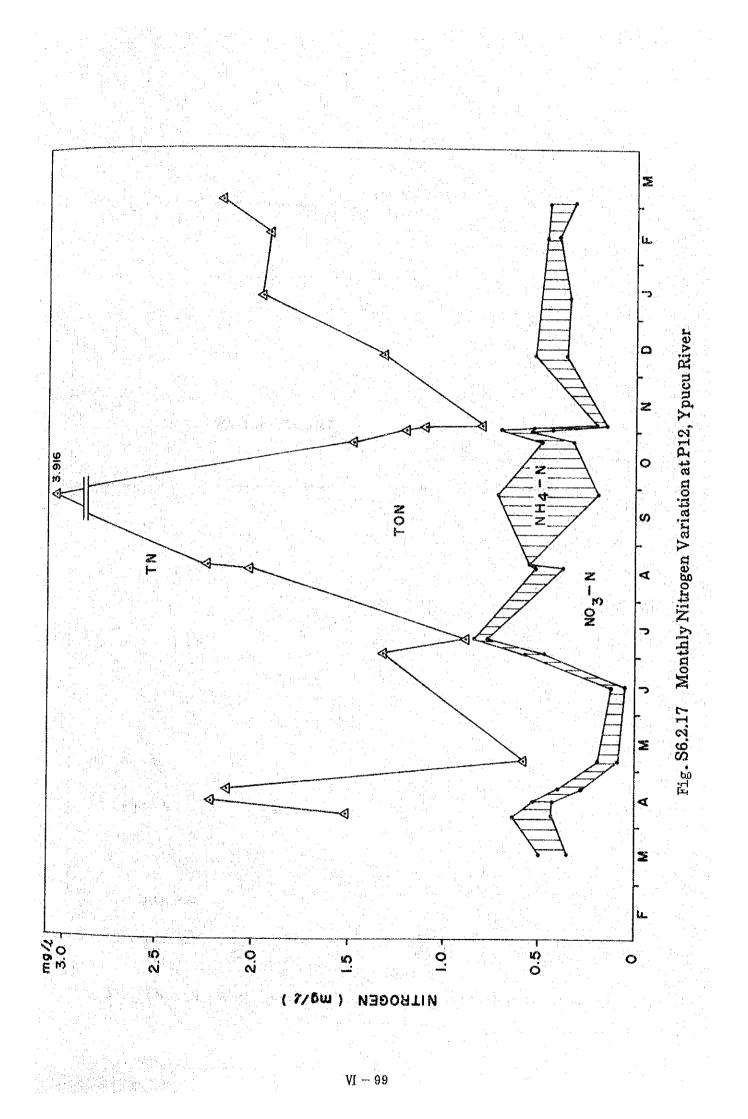


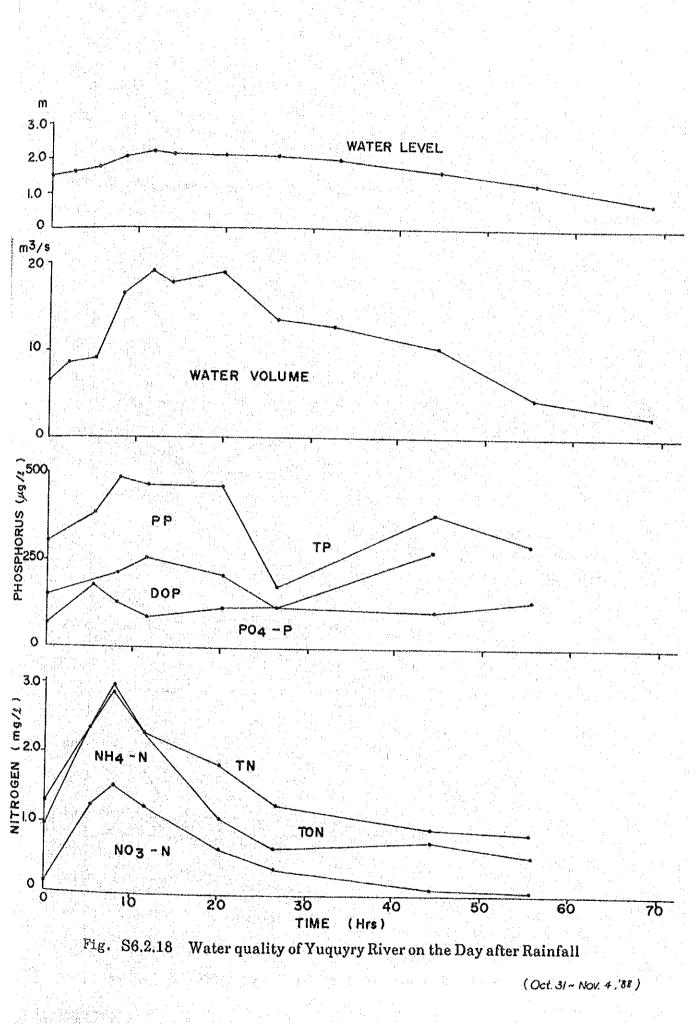
Fig. S6.2.13 Diameter of Particles in the Water of the Three Rivers

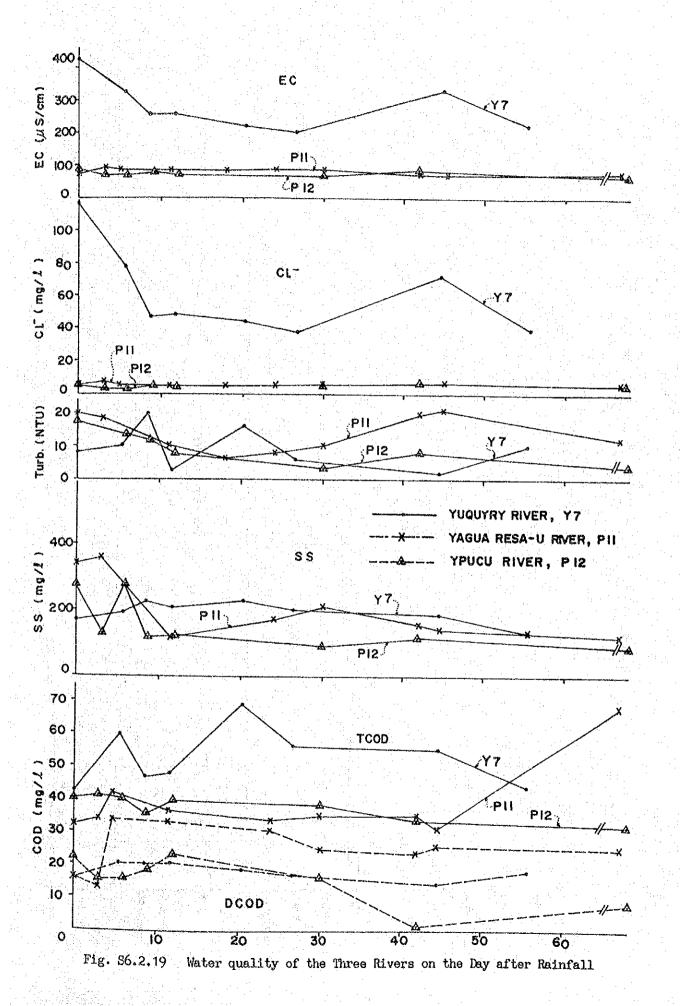


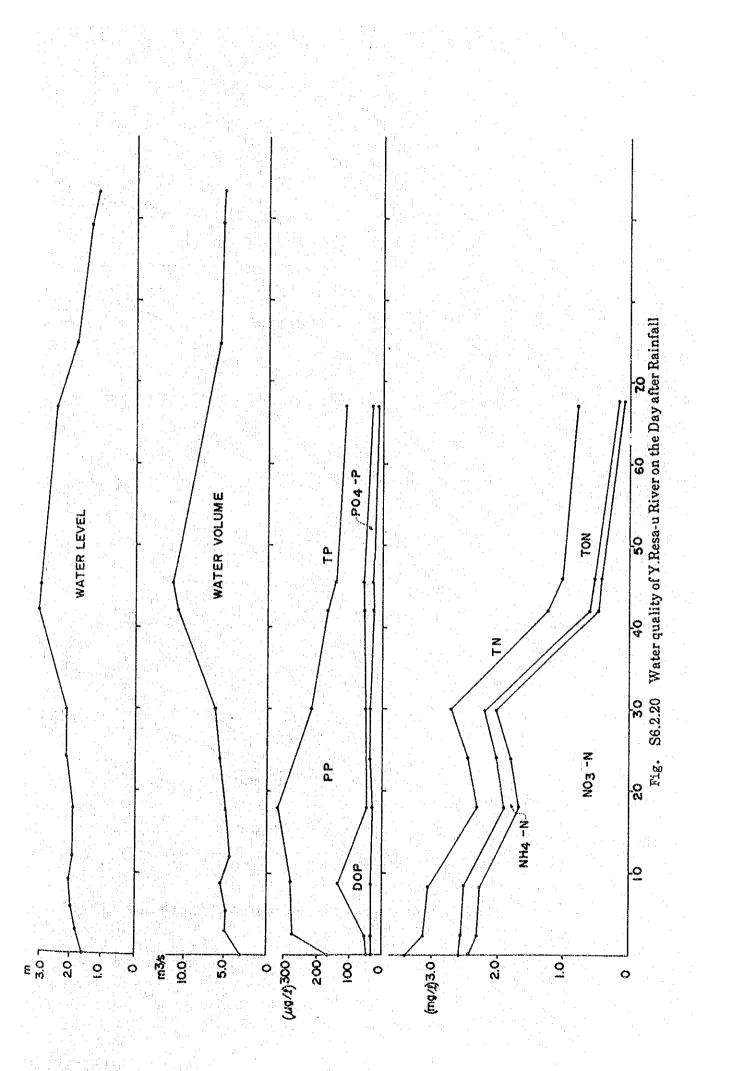


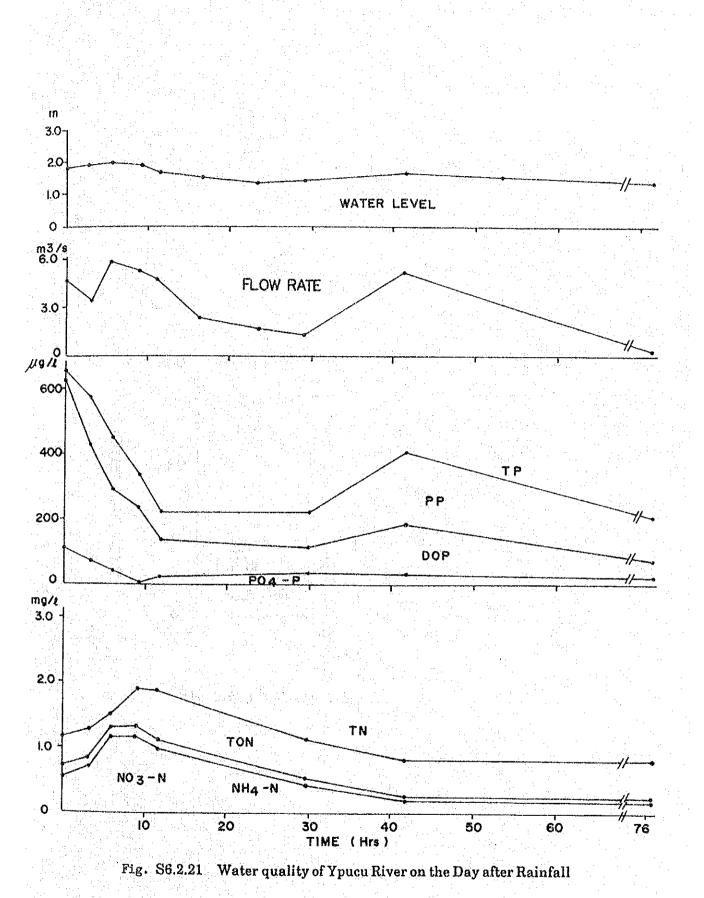




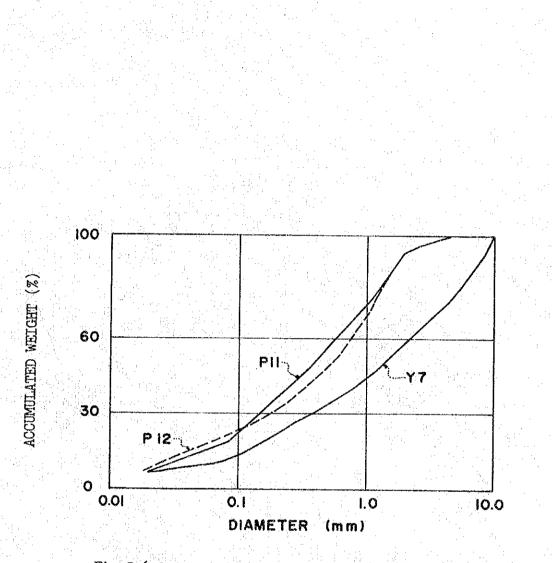


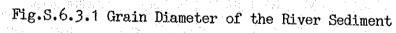


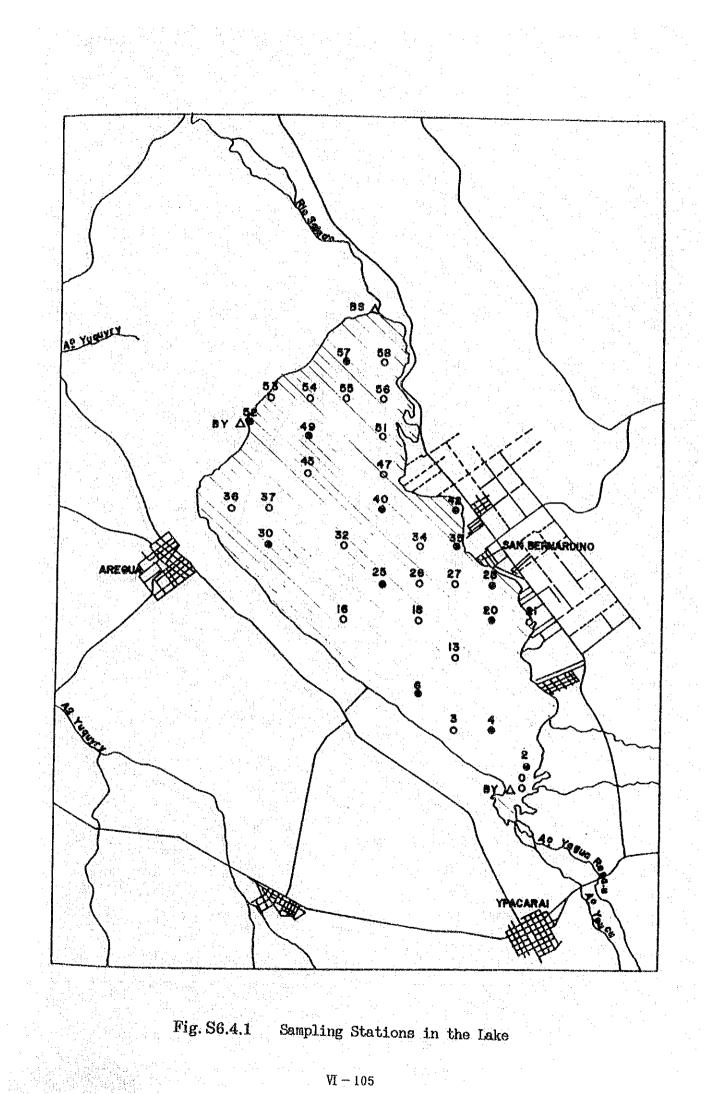




(Oct. 31 ~ Nov. 4, '88)







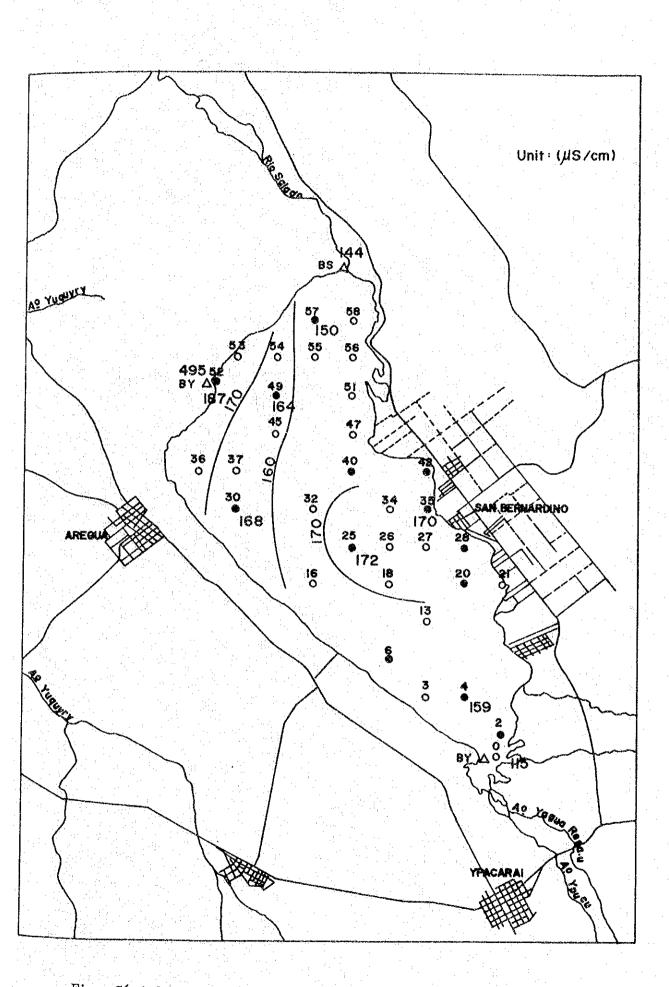
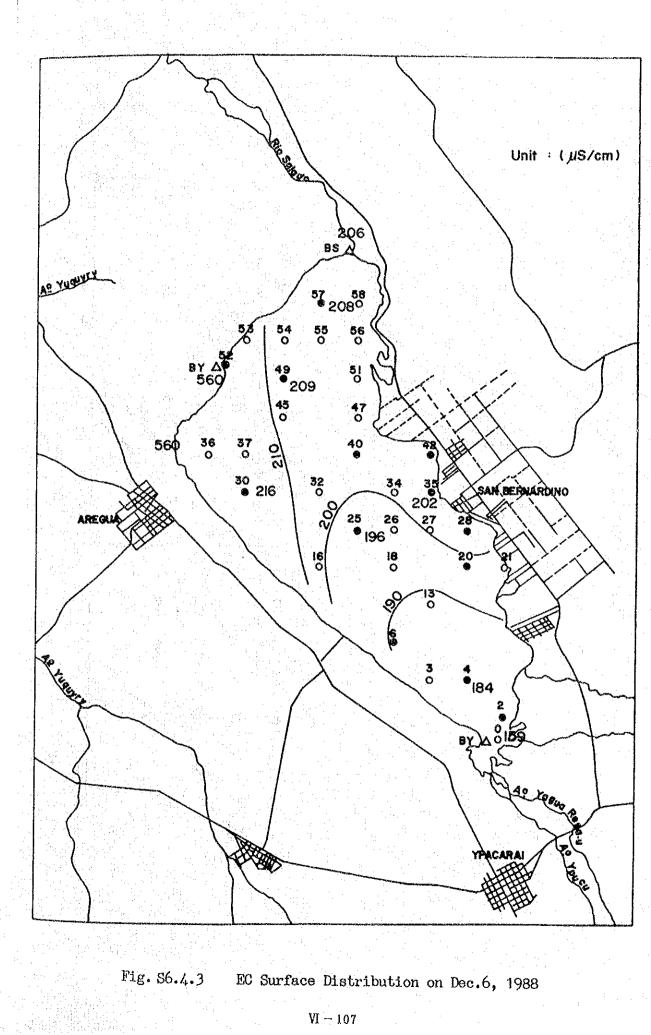
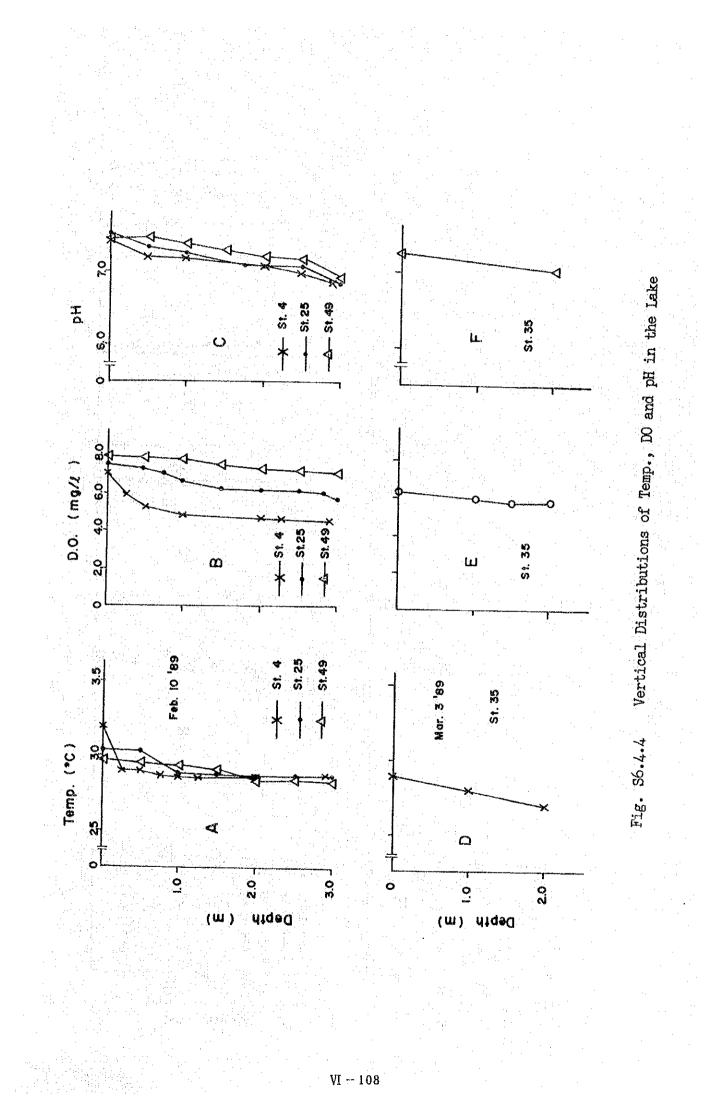
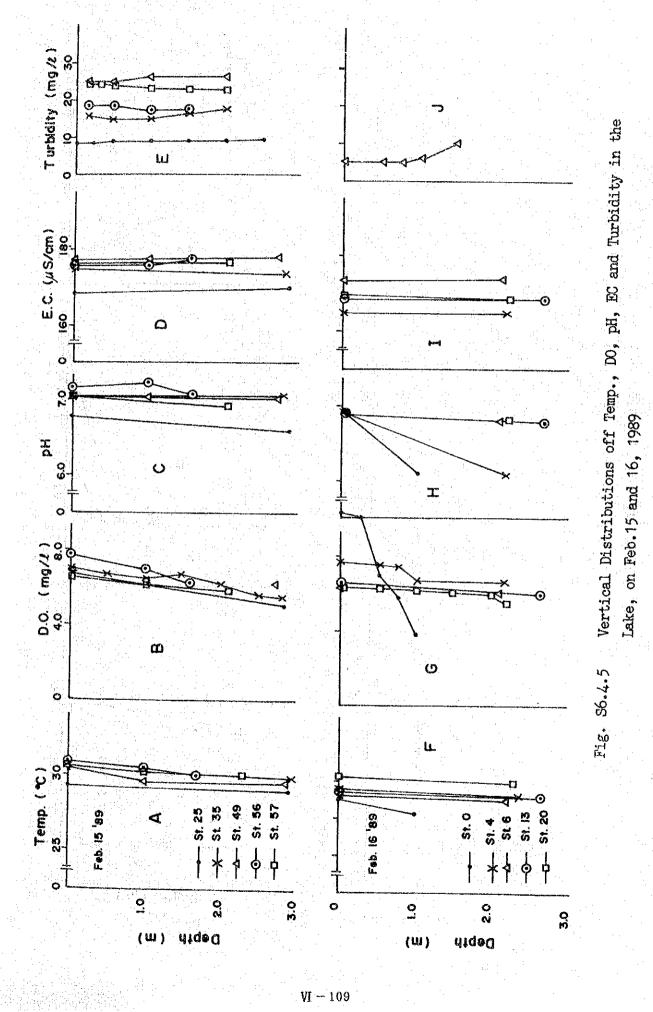
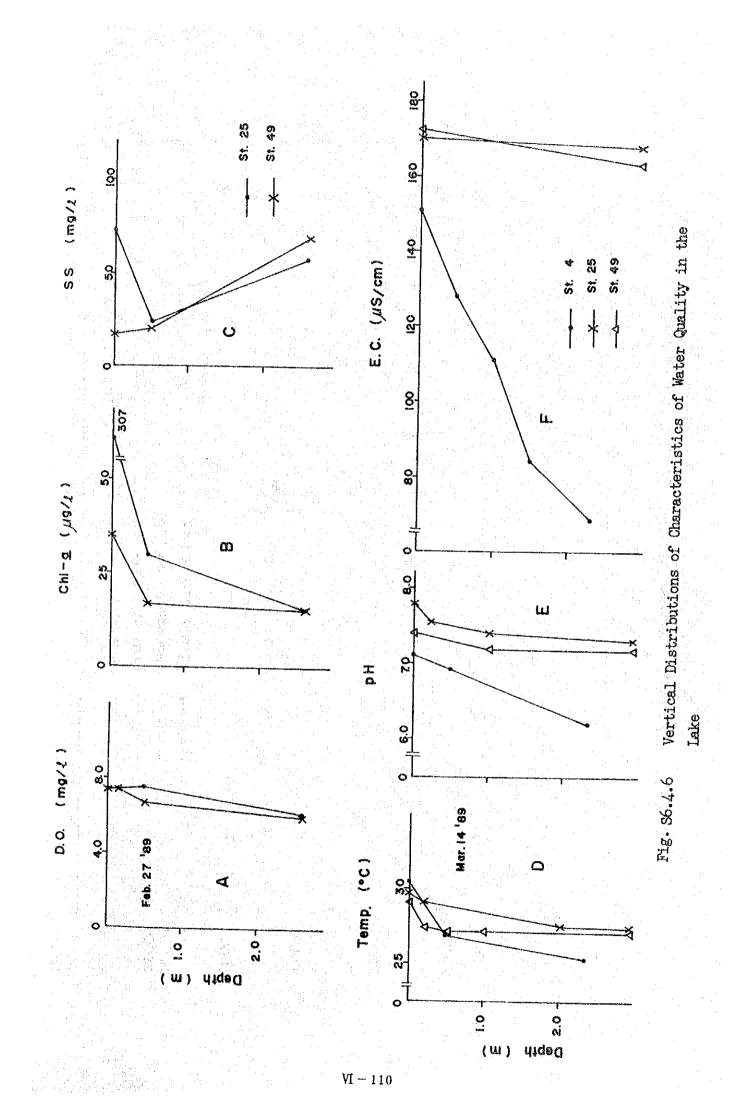


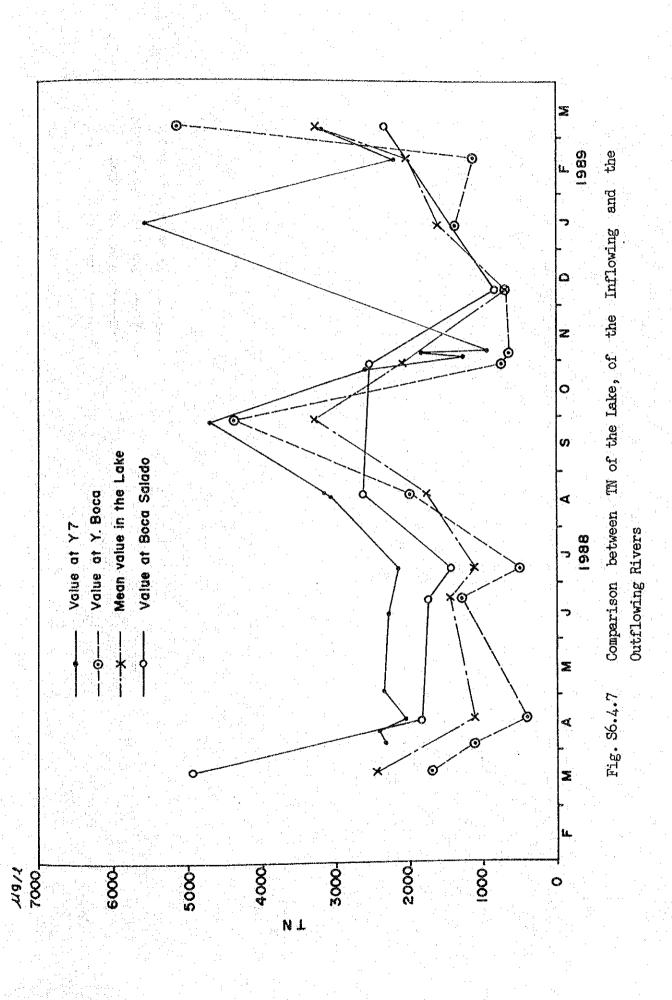
Fig. 56.4.2 EC Surface Distribution on Mar.22, 1988



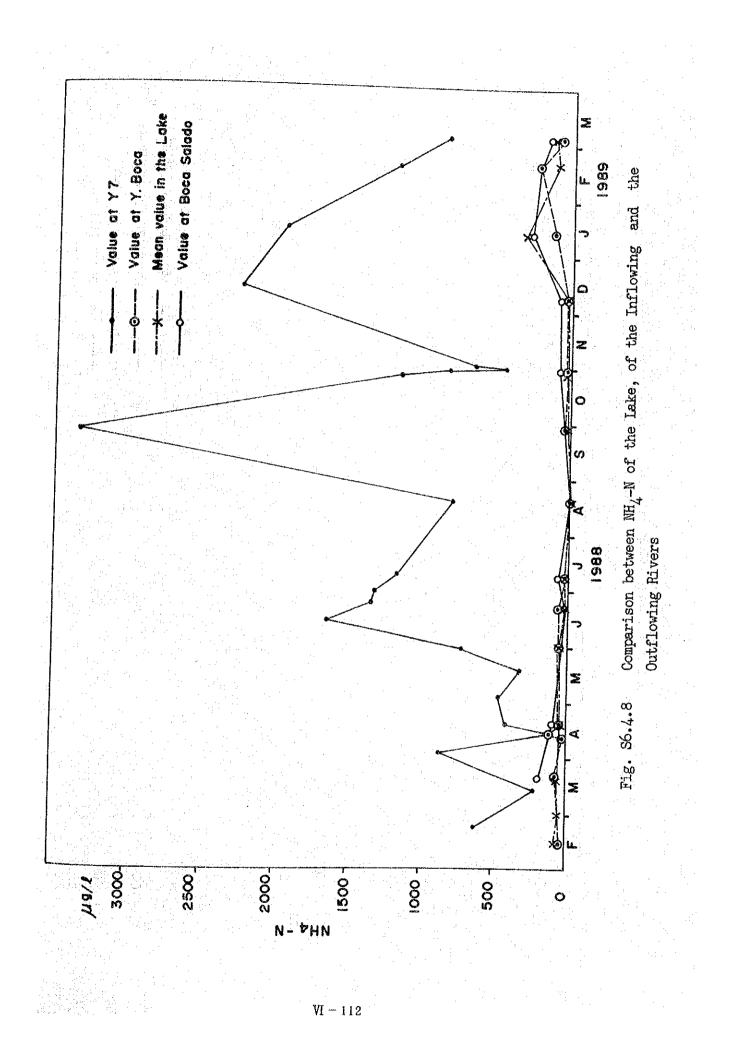


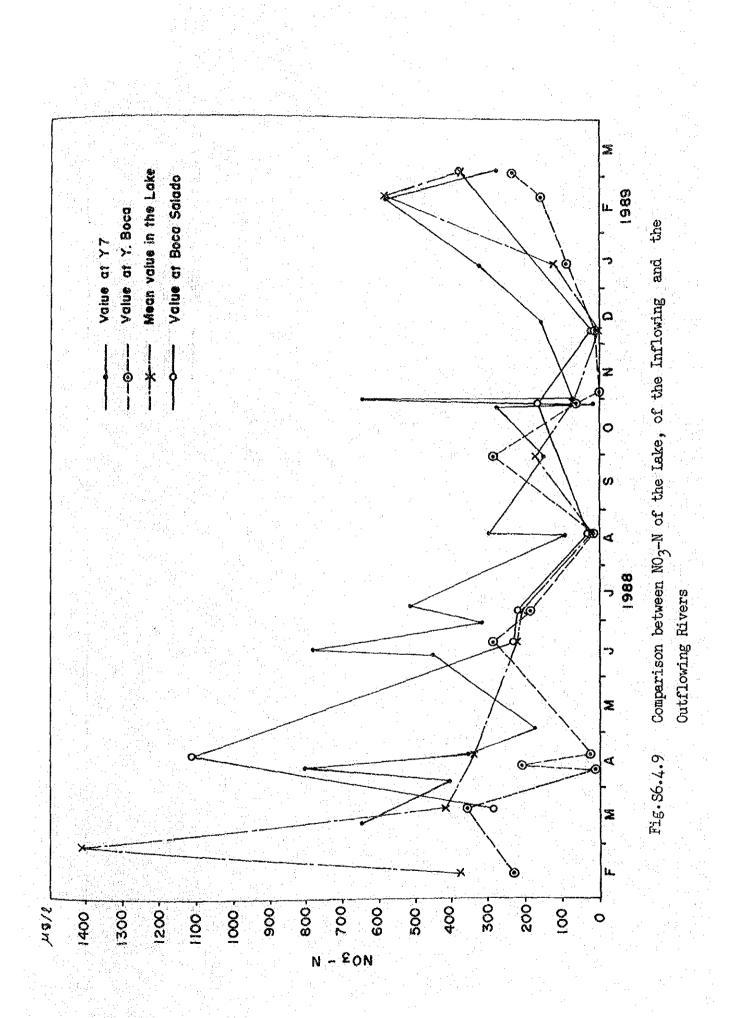


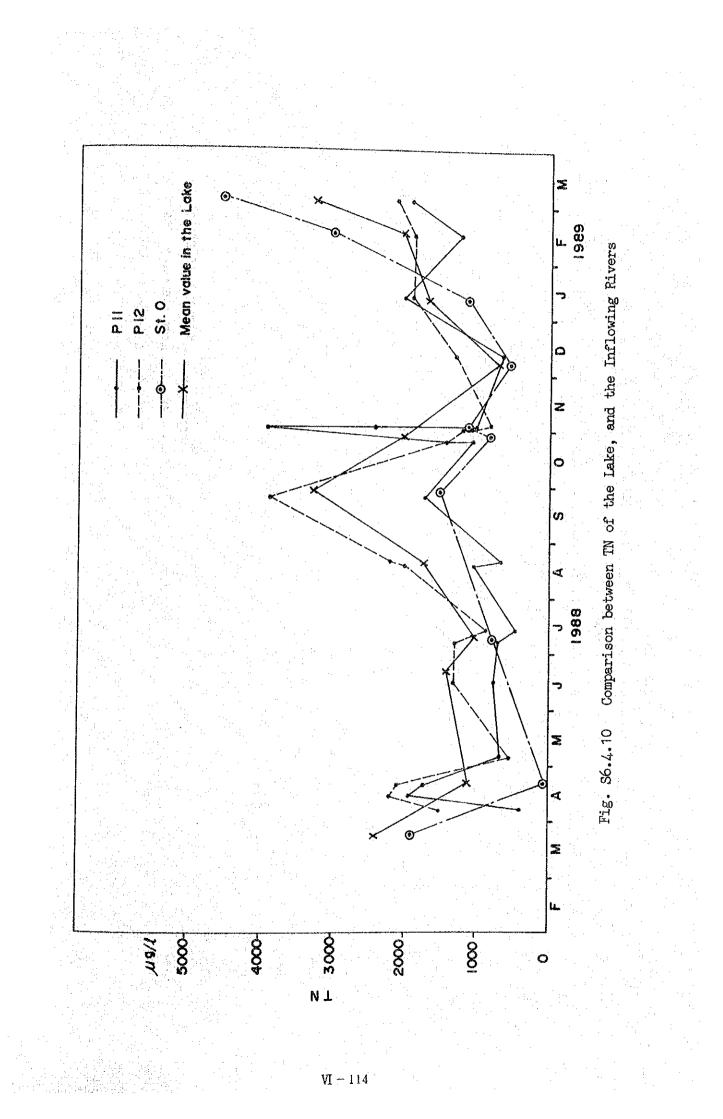


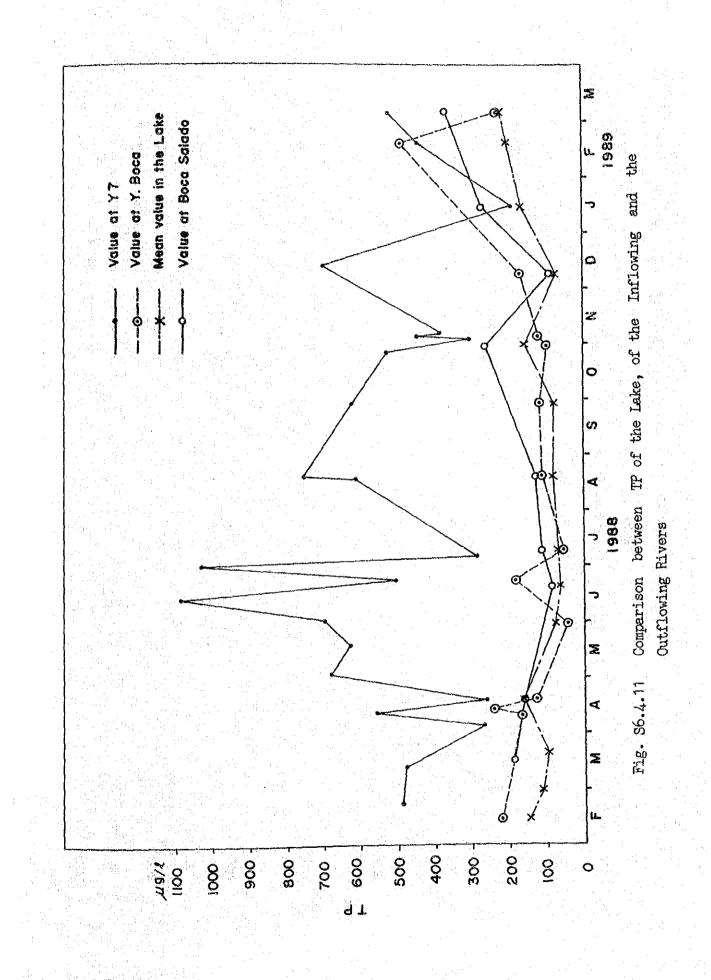


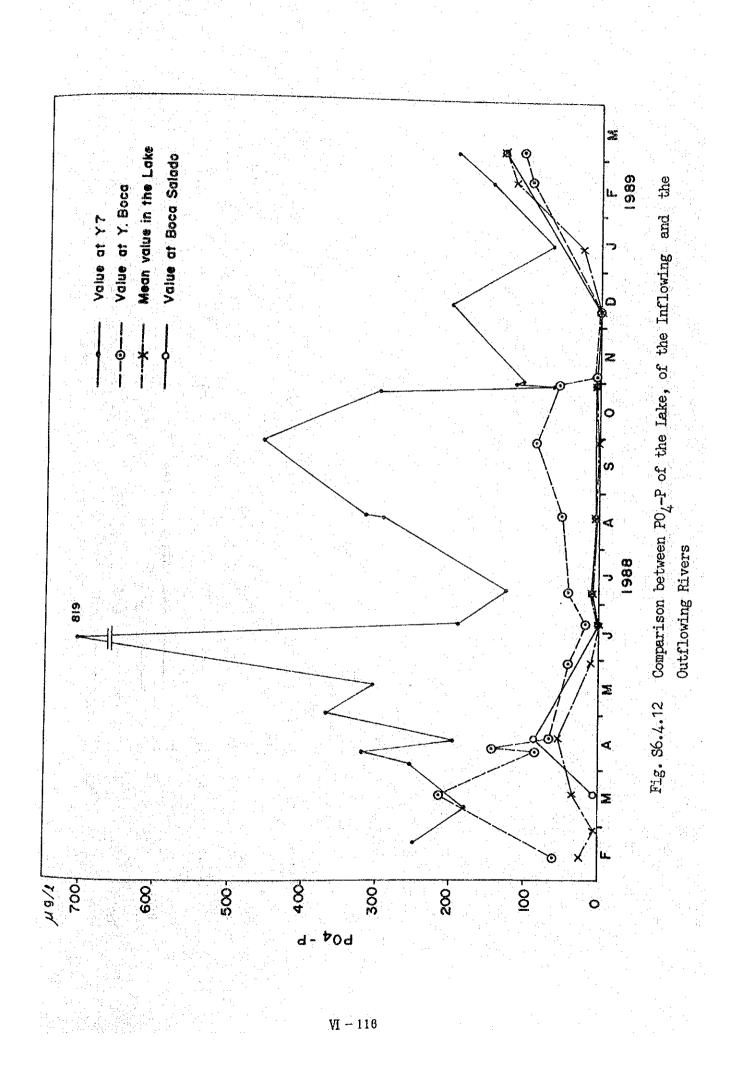
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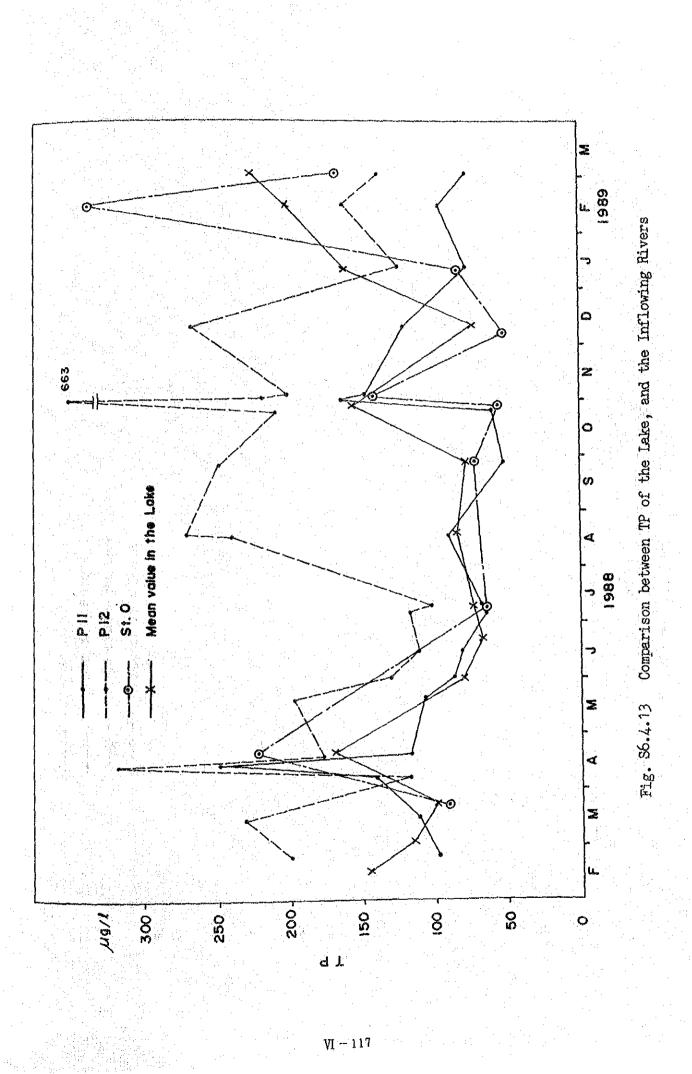


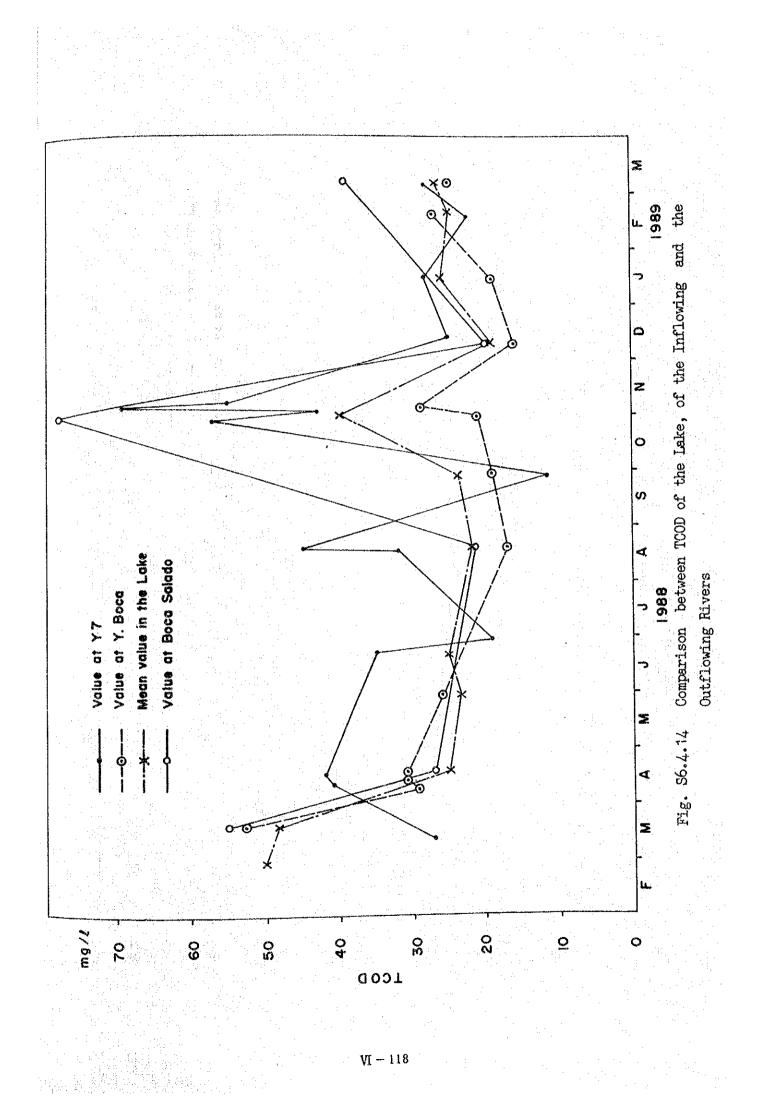


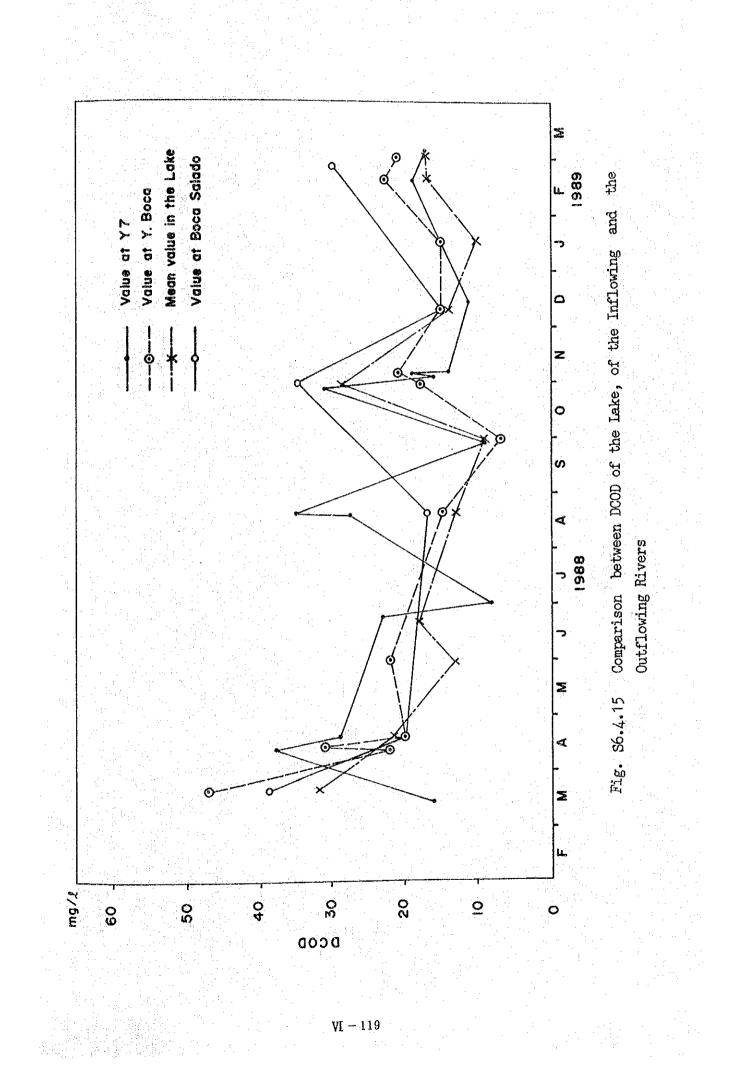


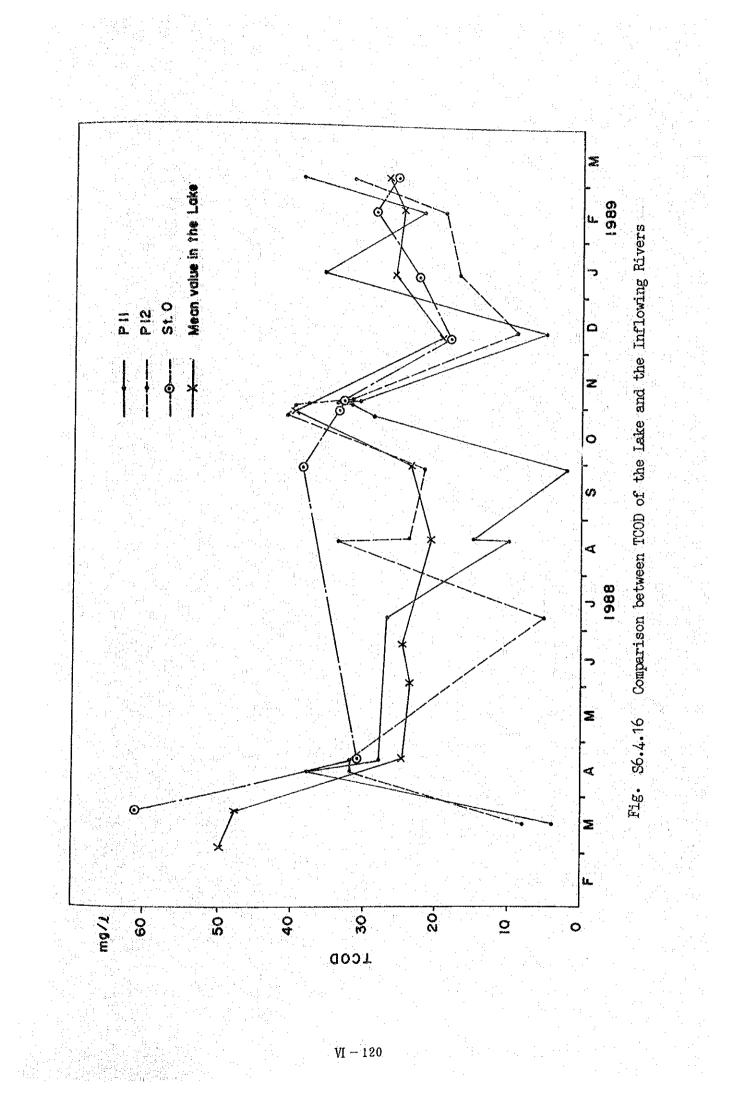


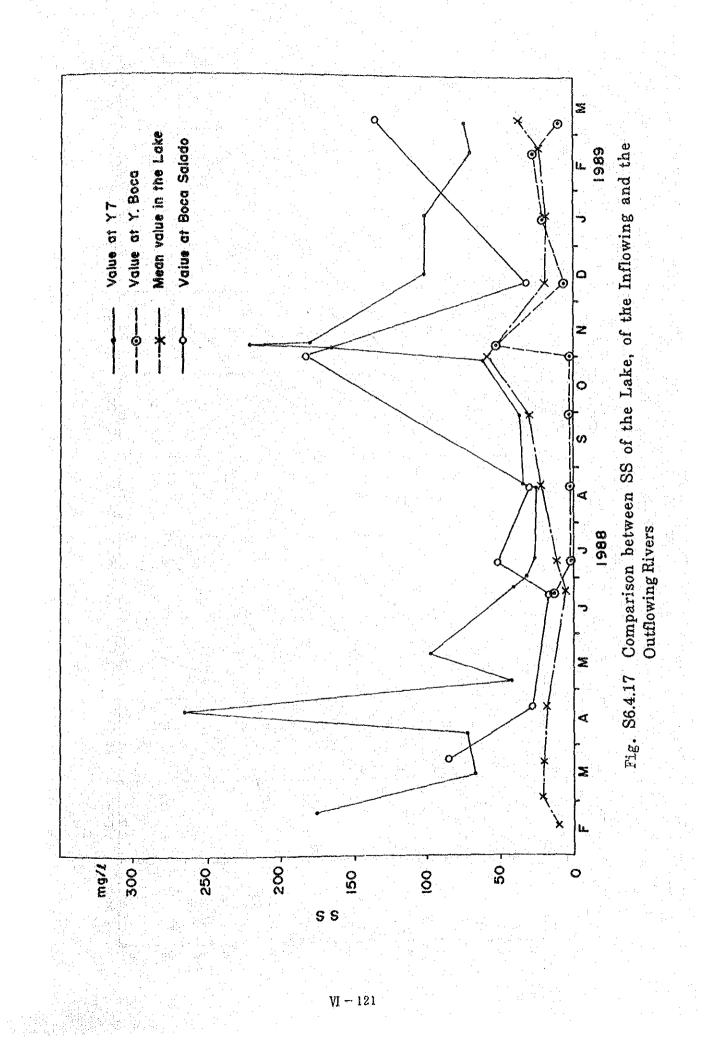


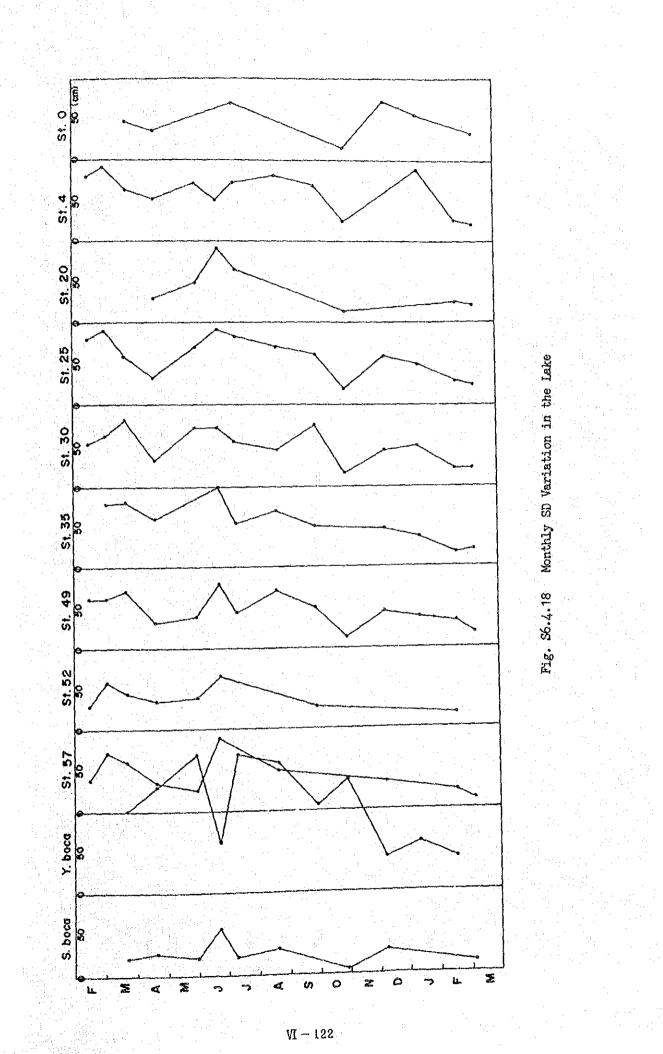


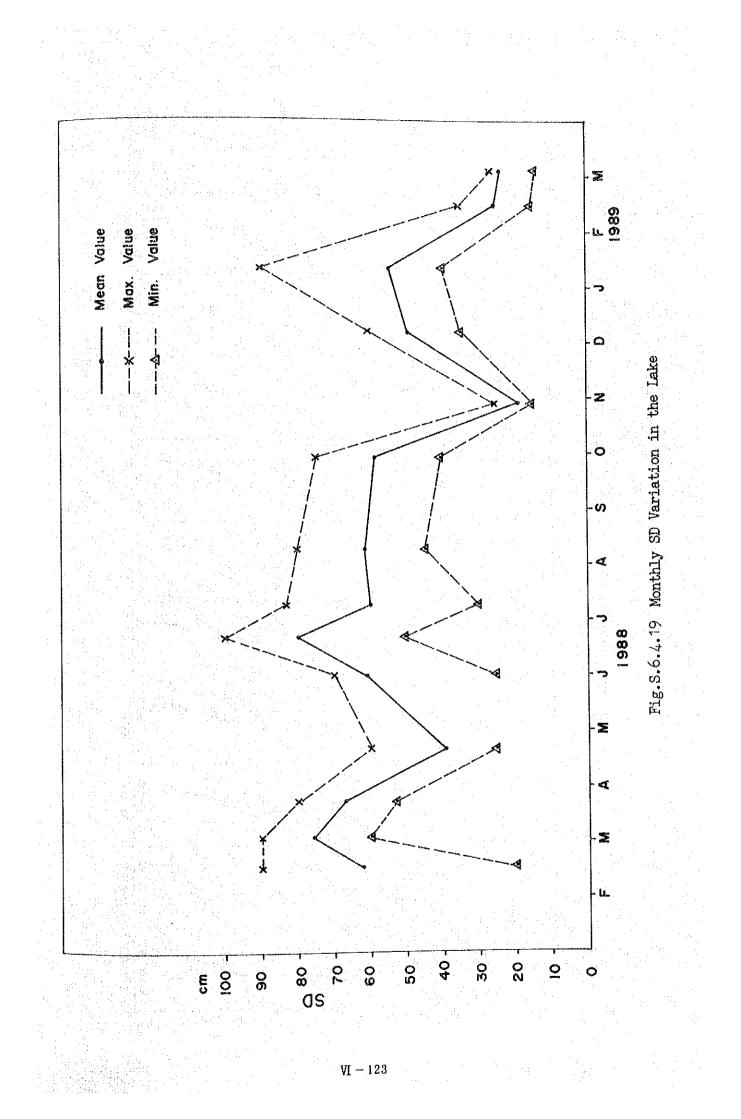


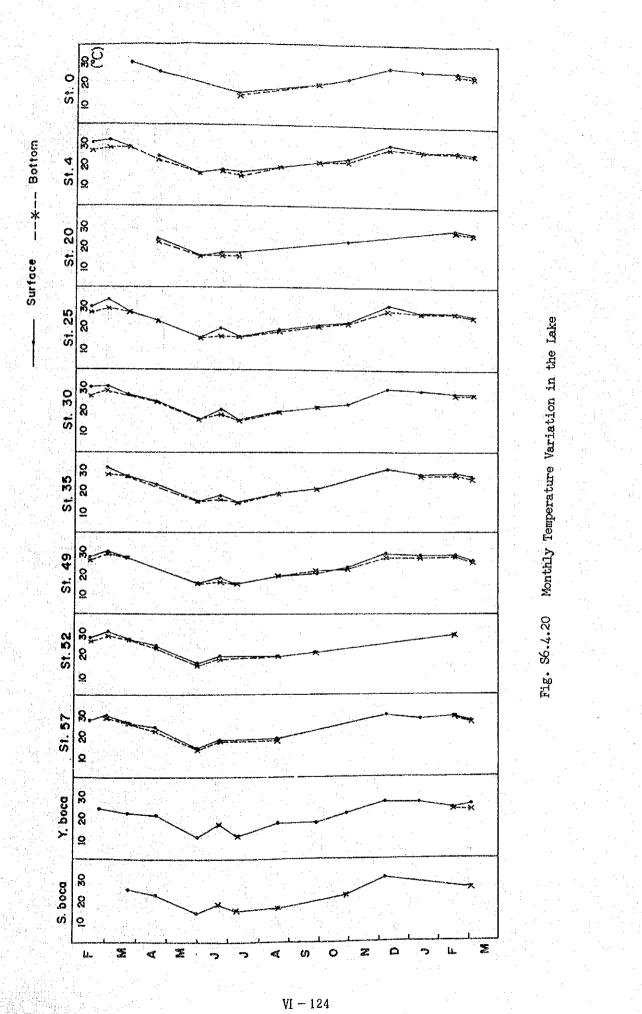


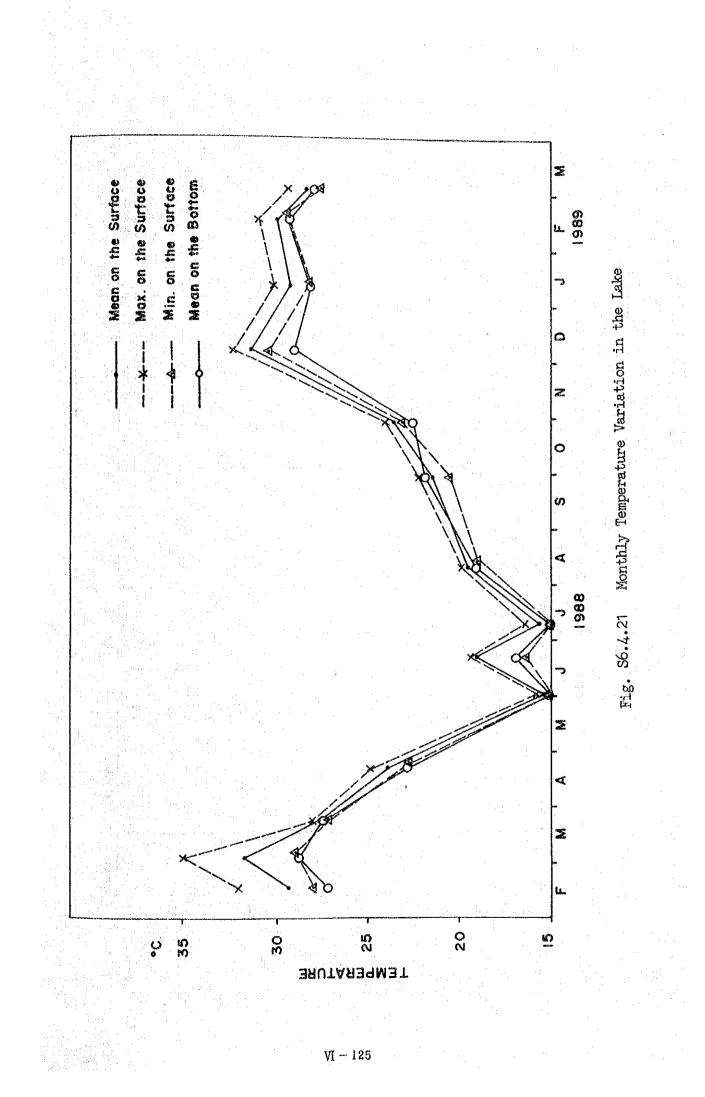


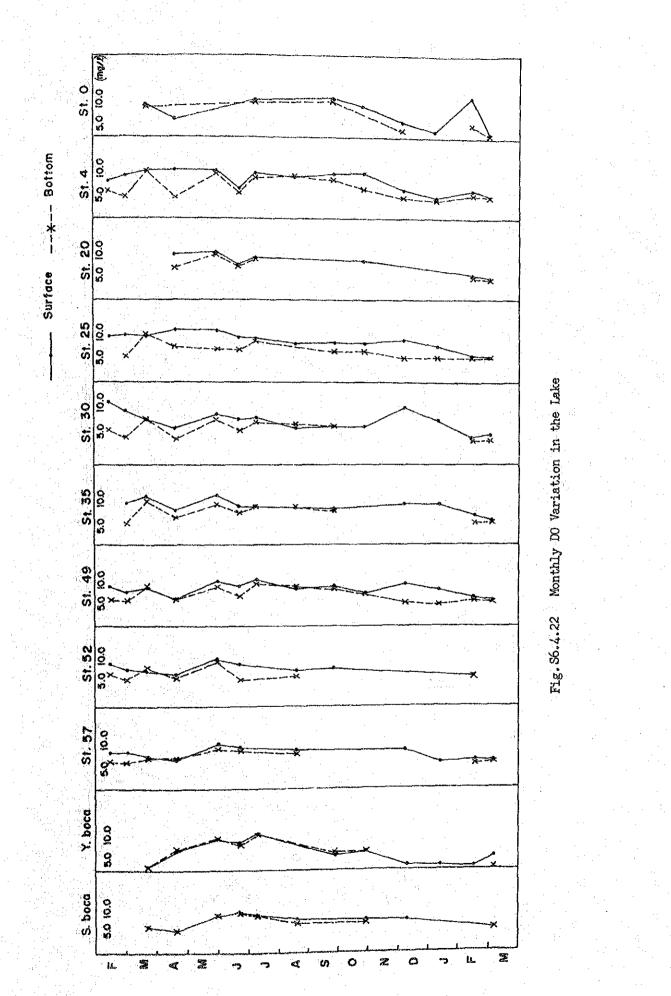




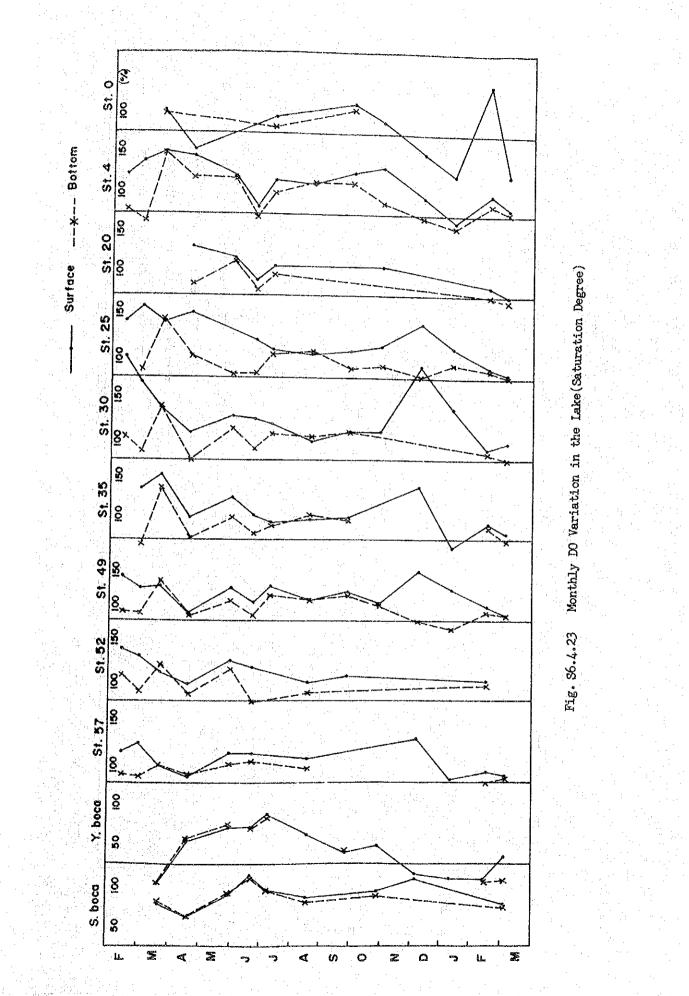




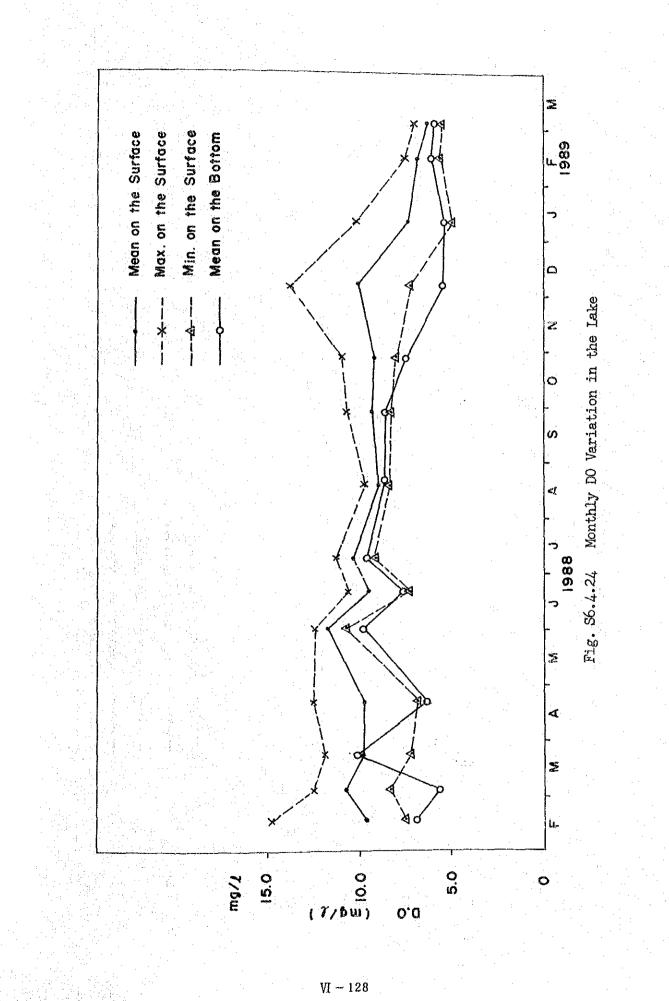


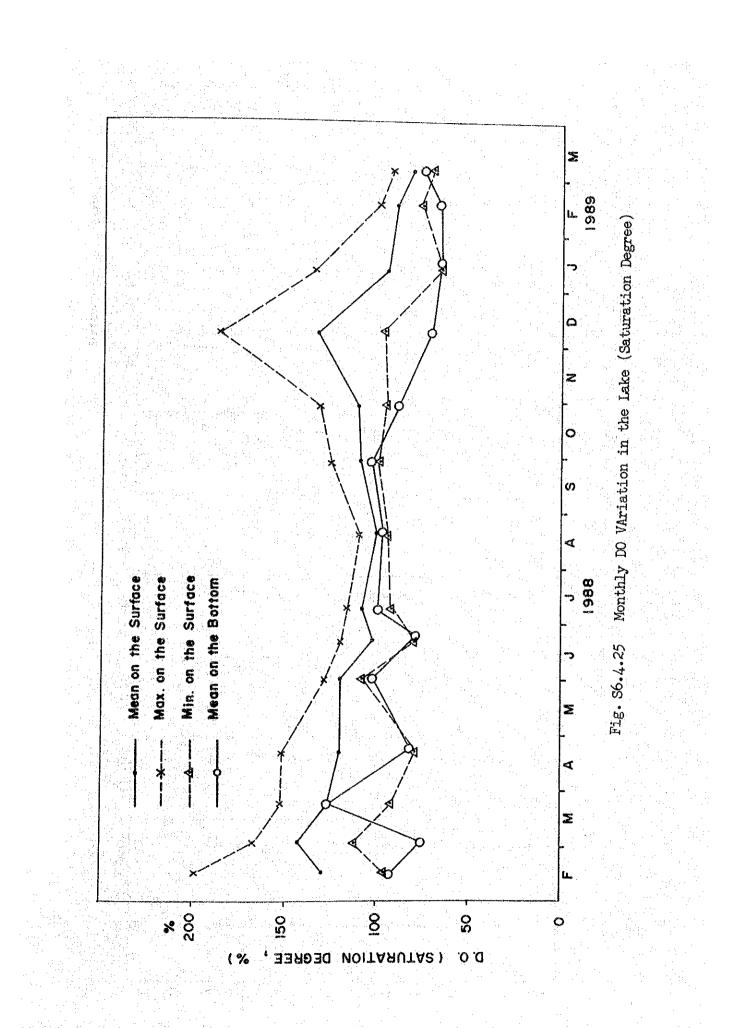


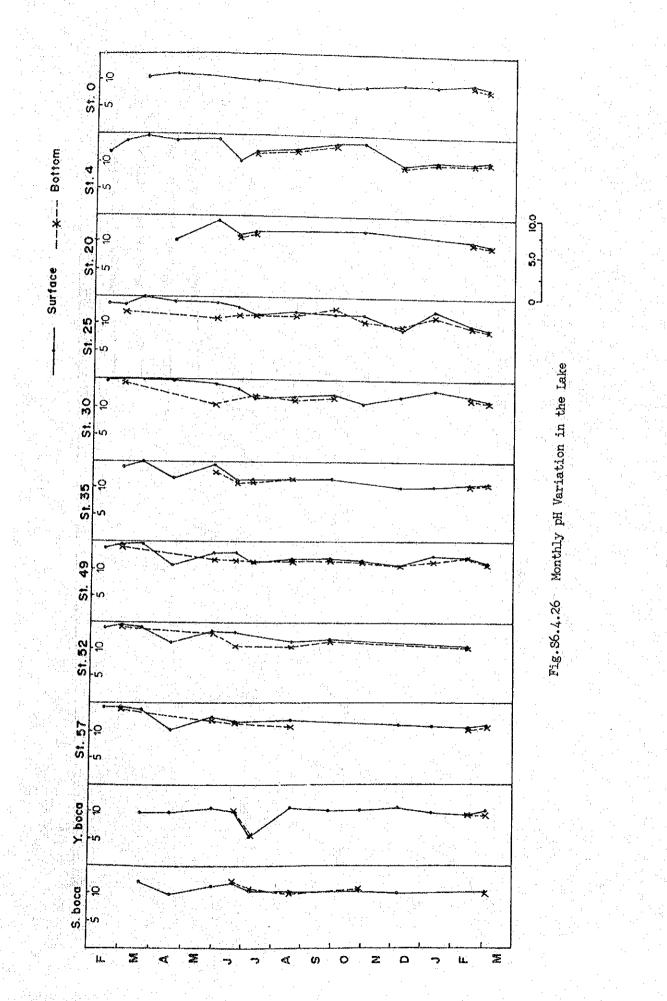
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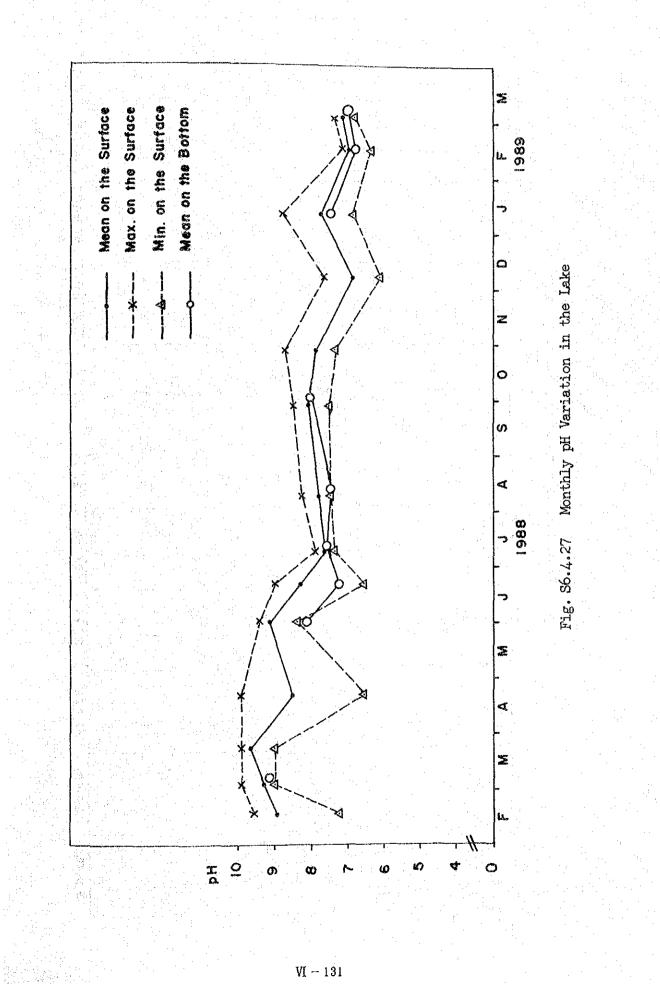


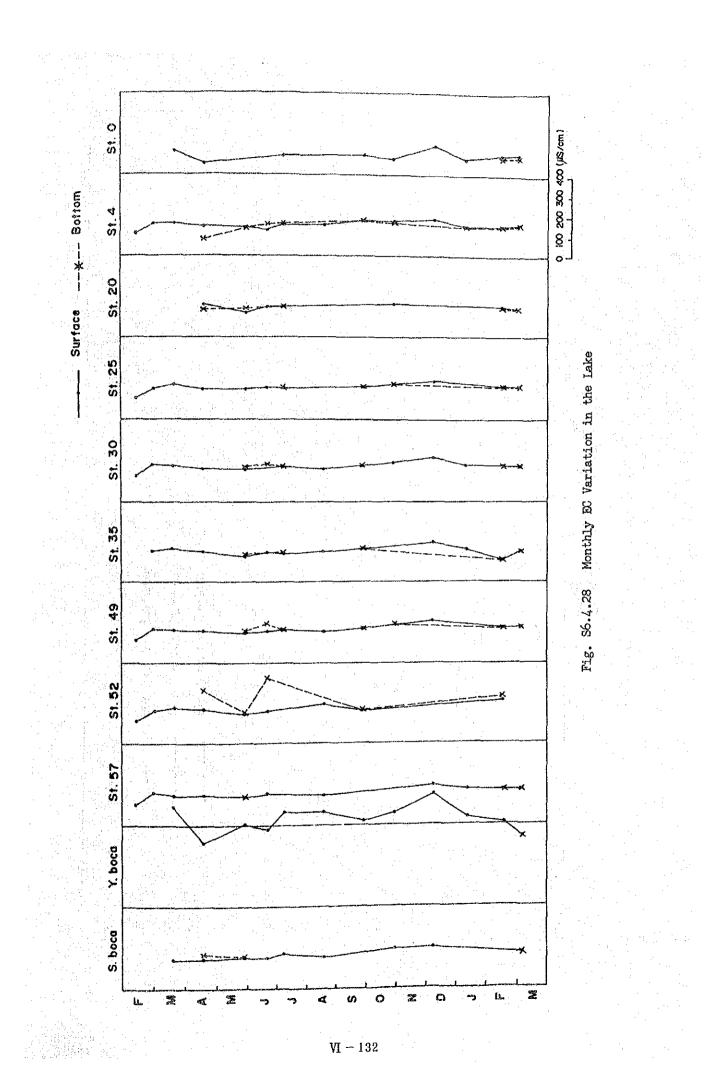
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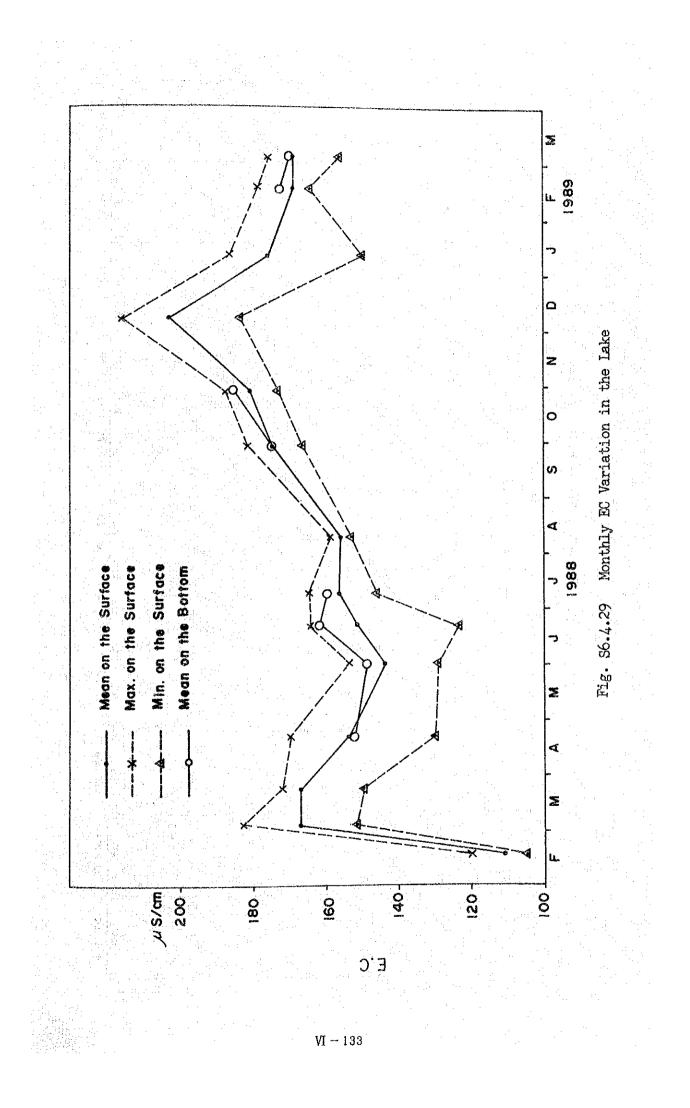




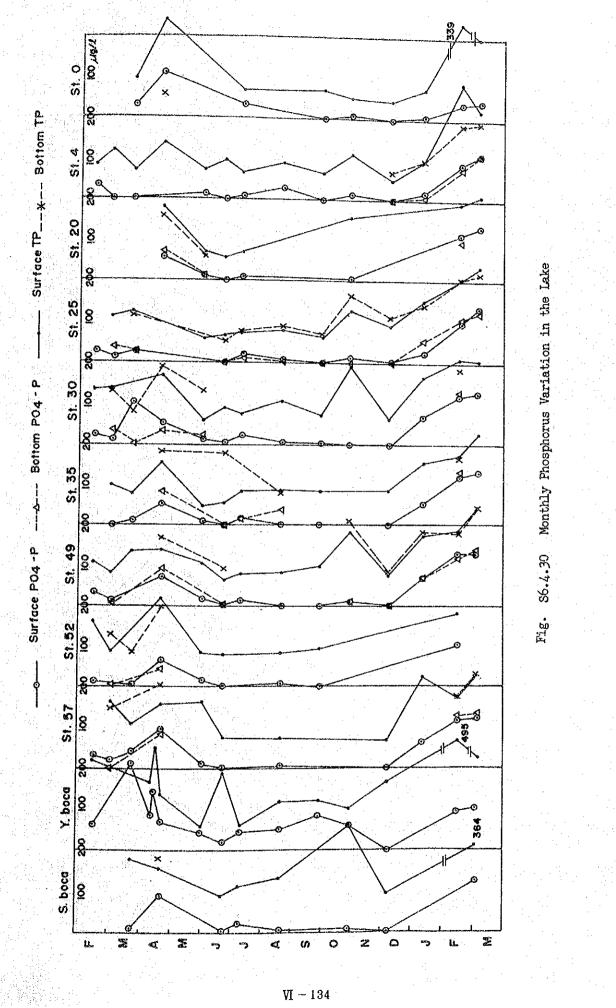


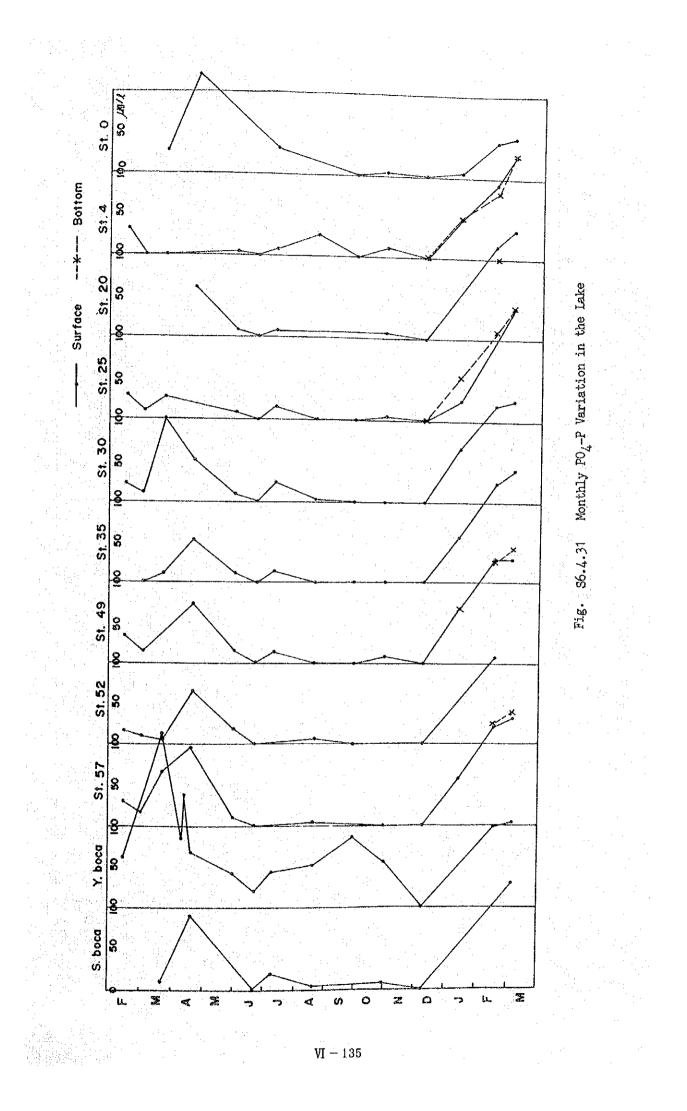




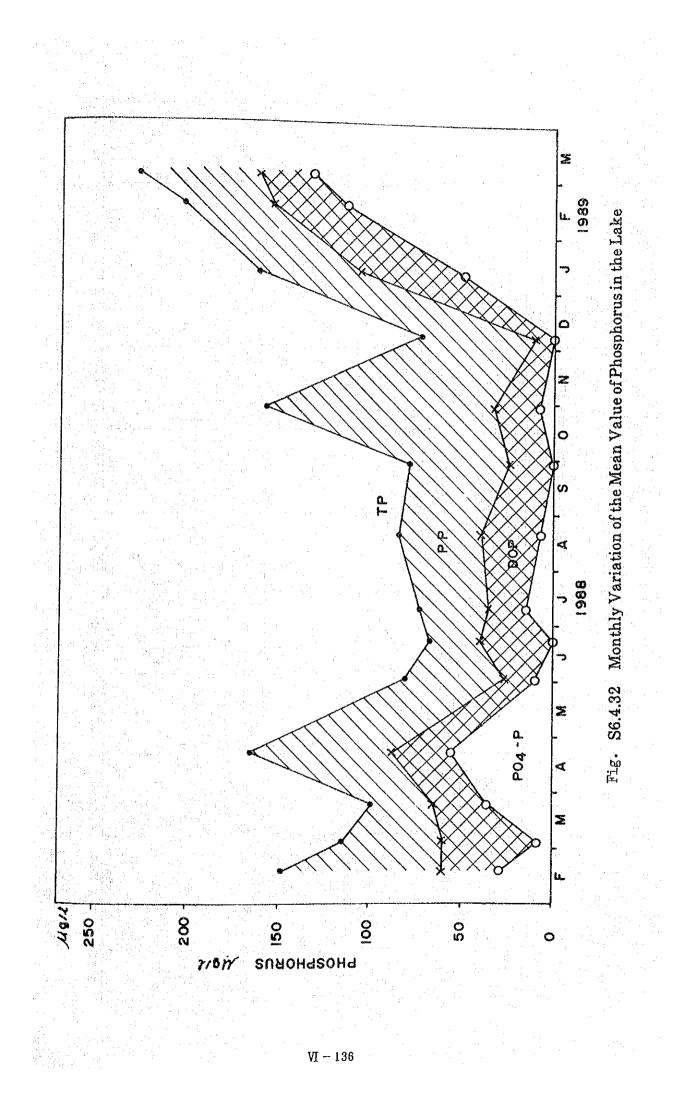


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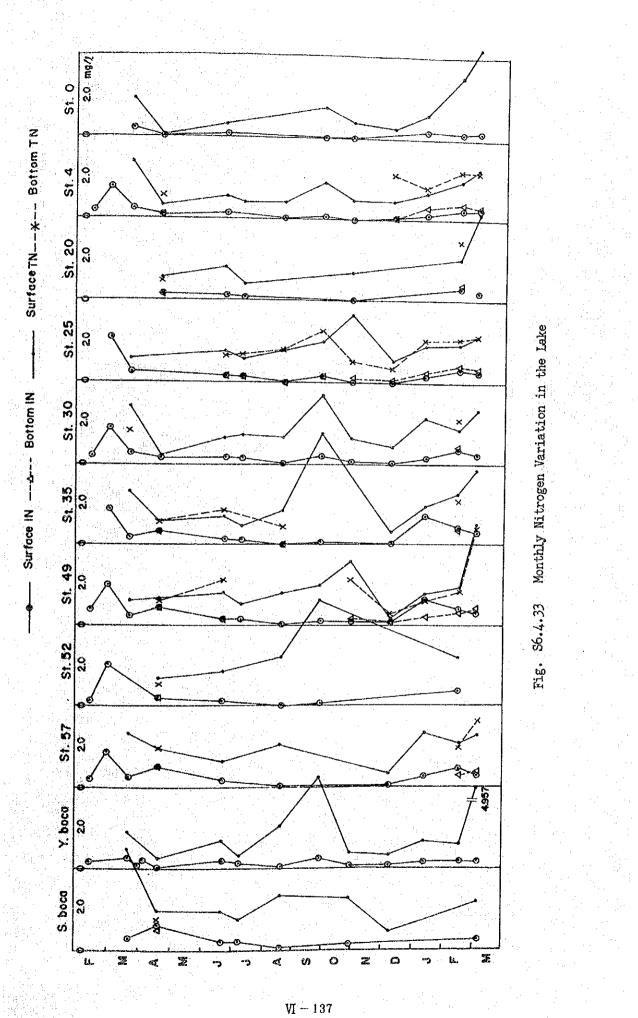


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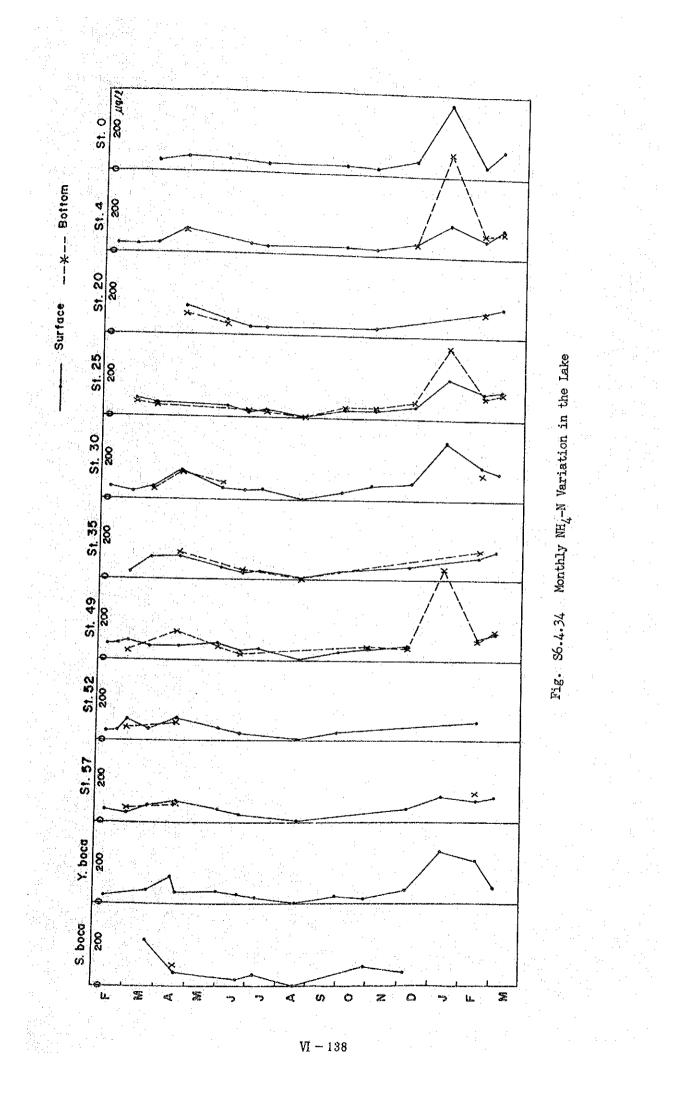
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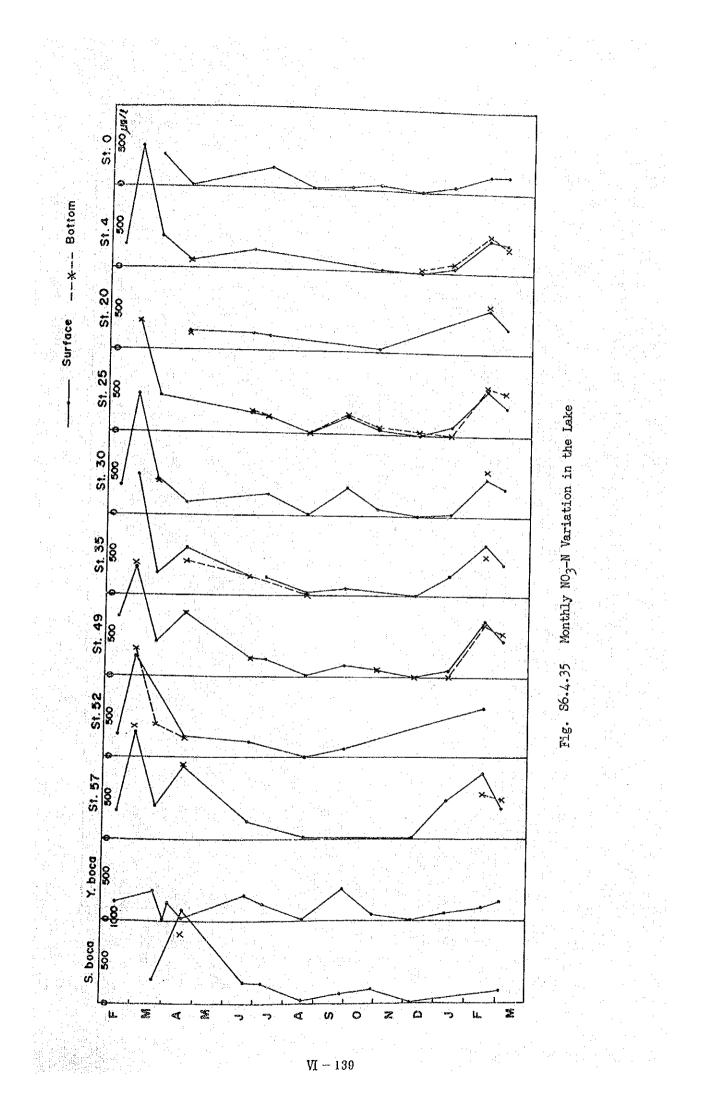


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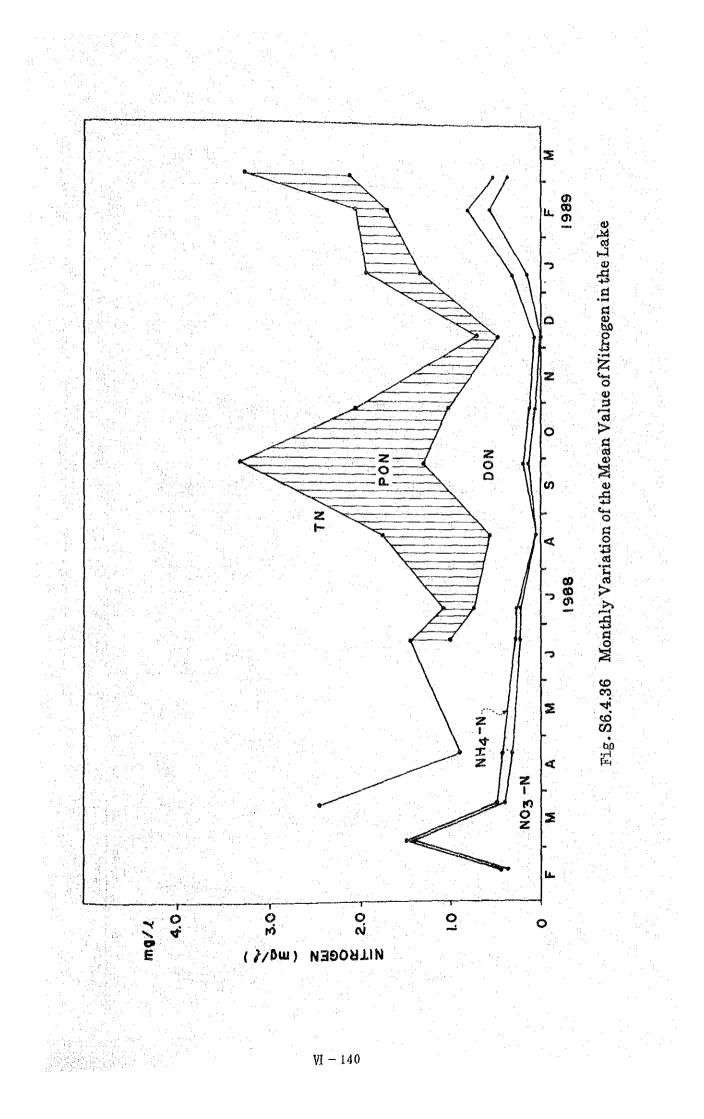
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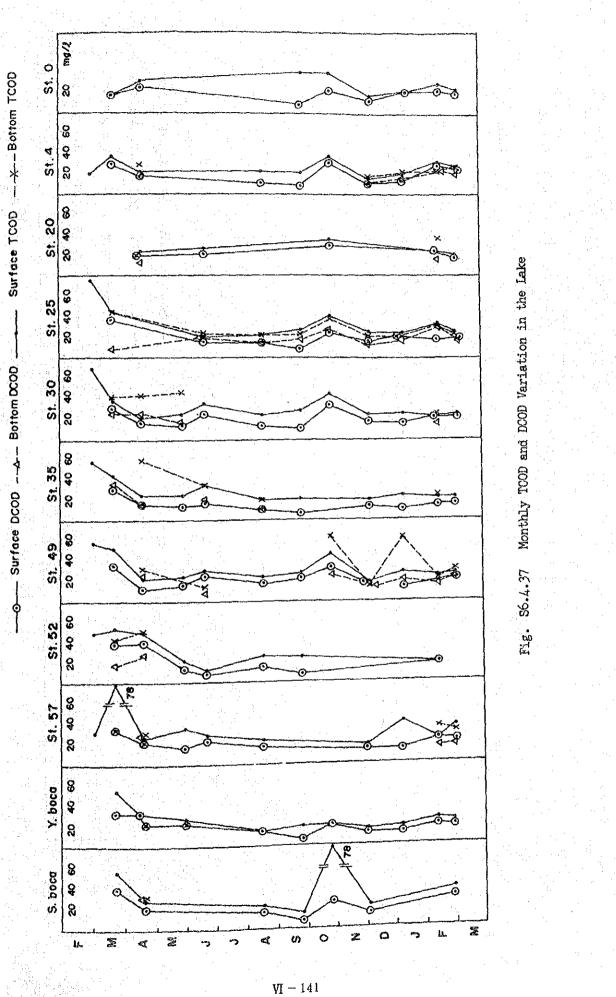
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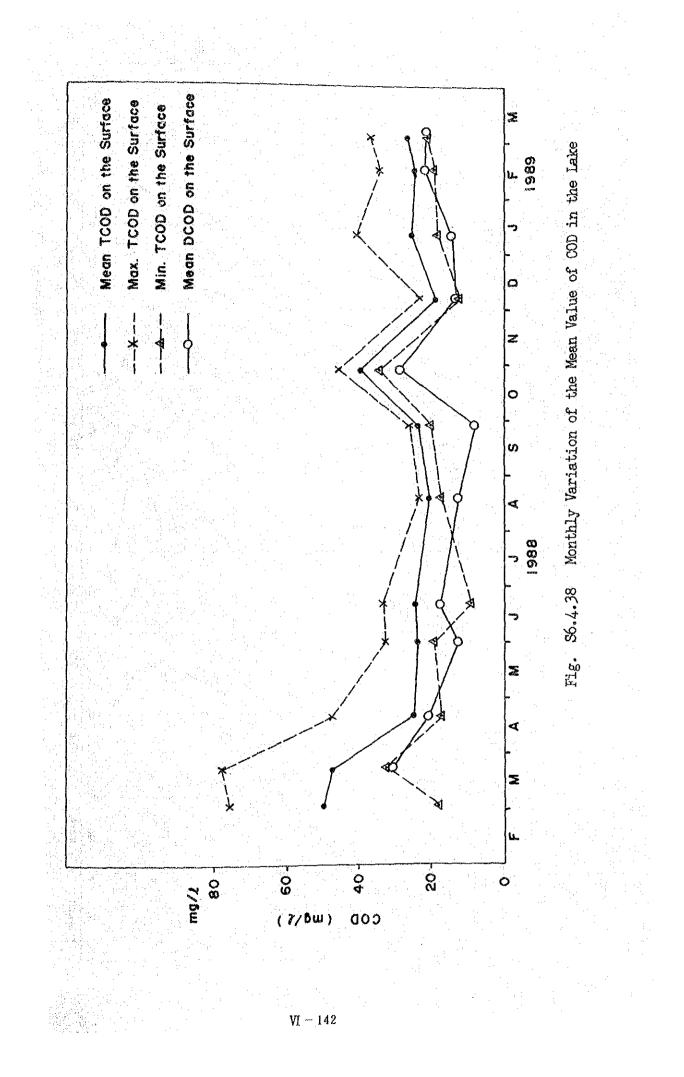


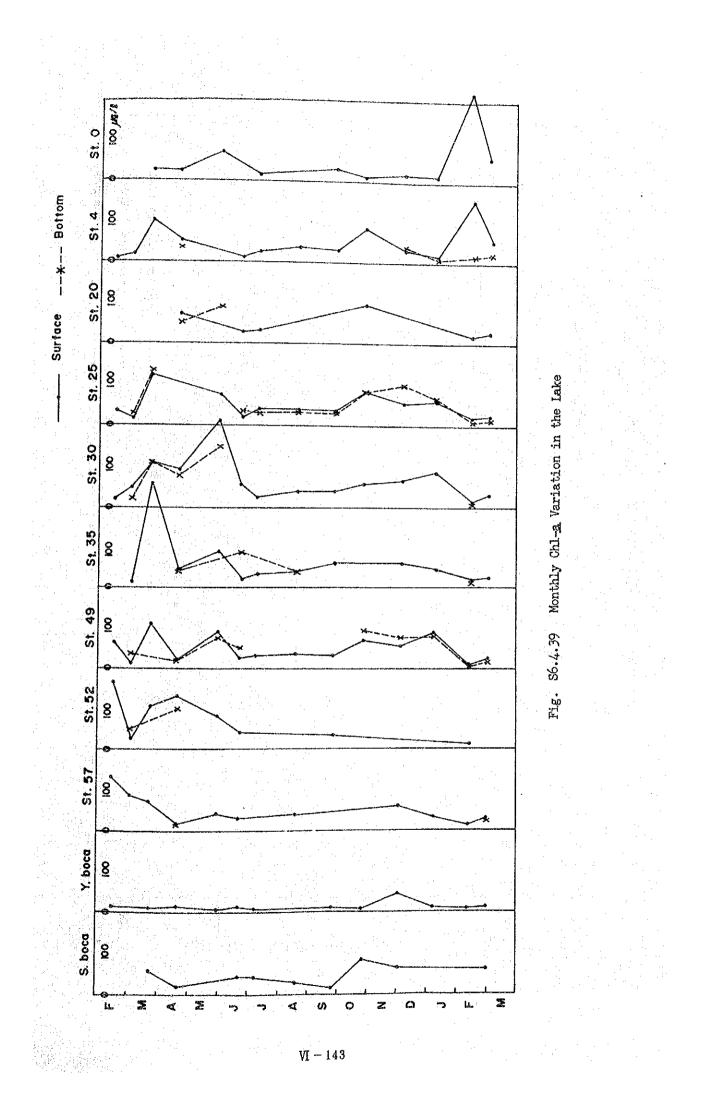


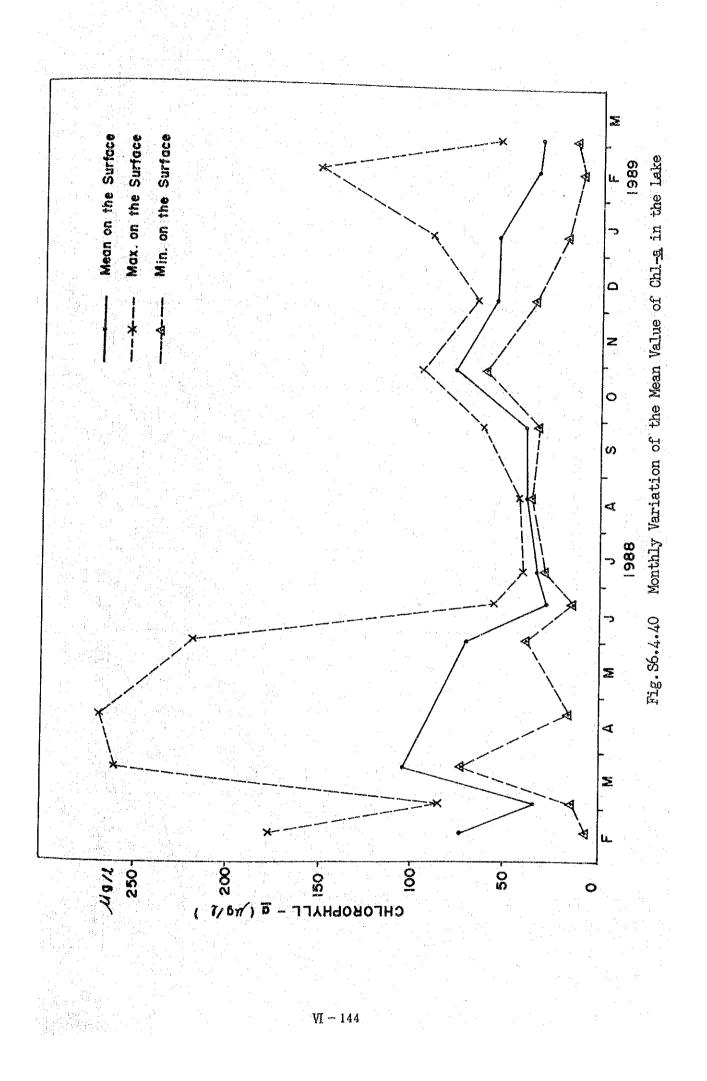
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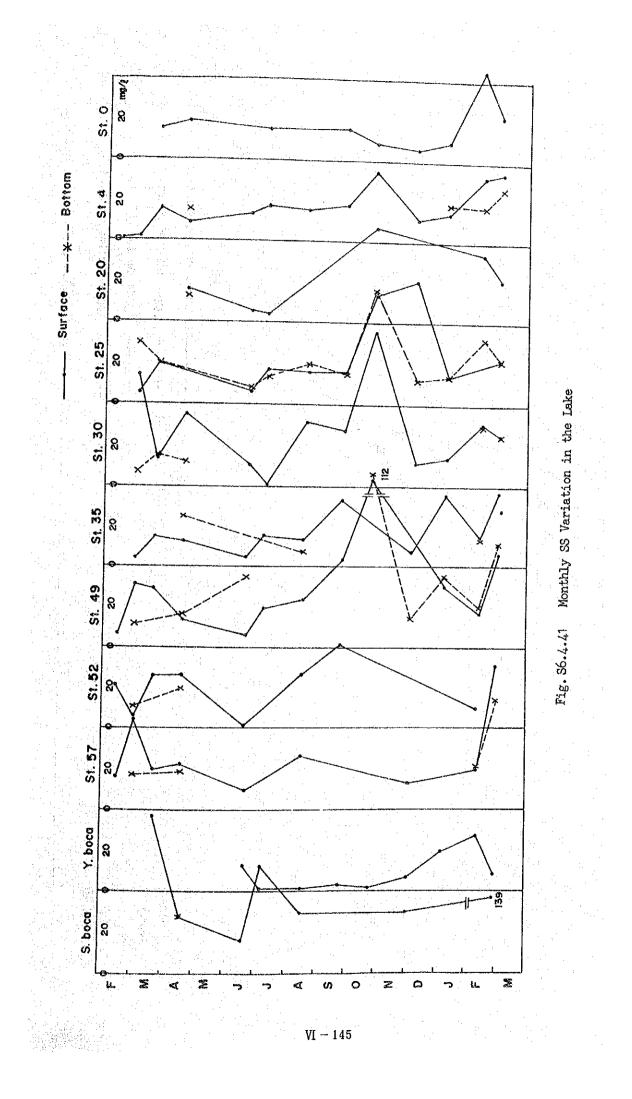


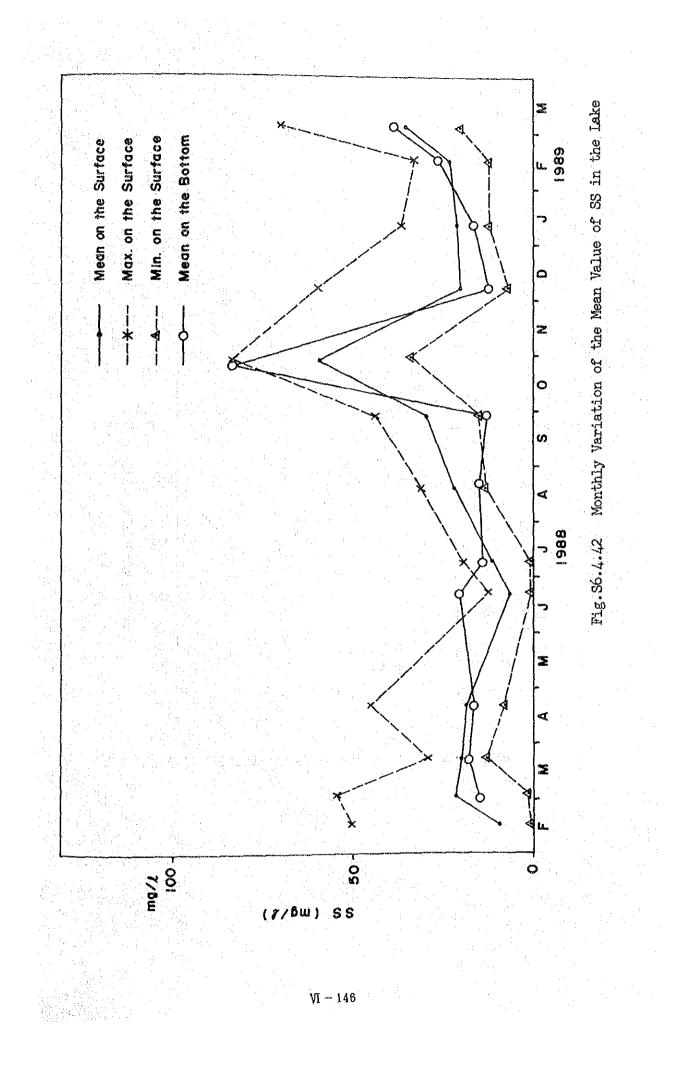


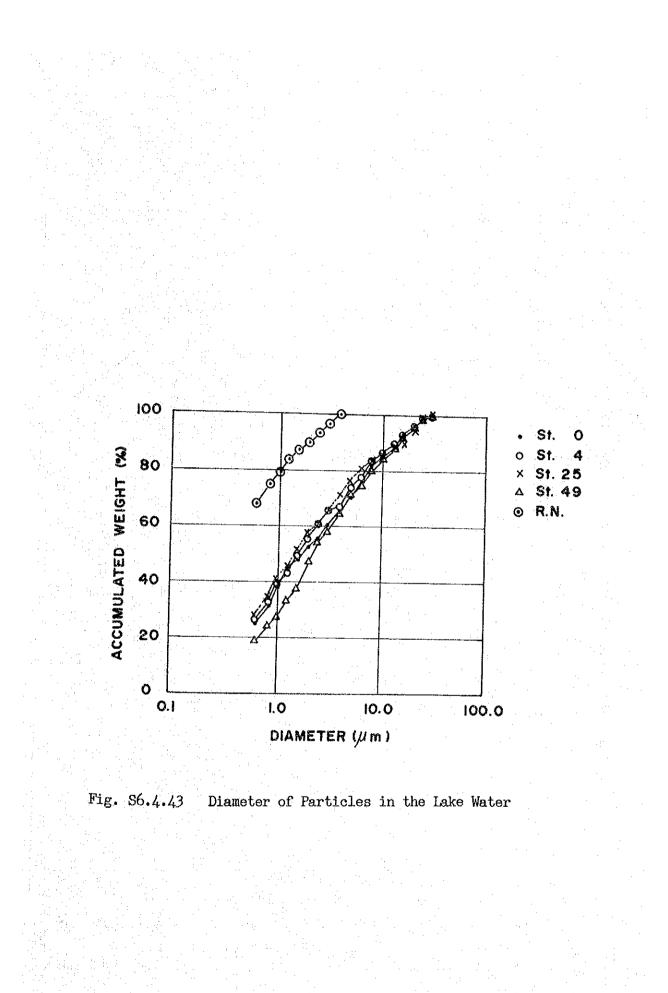




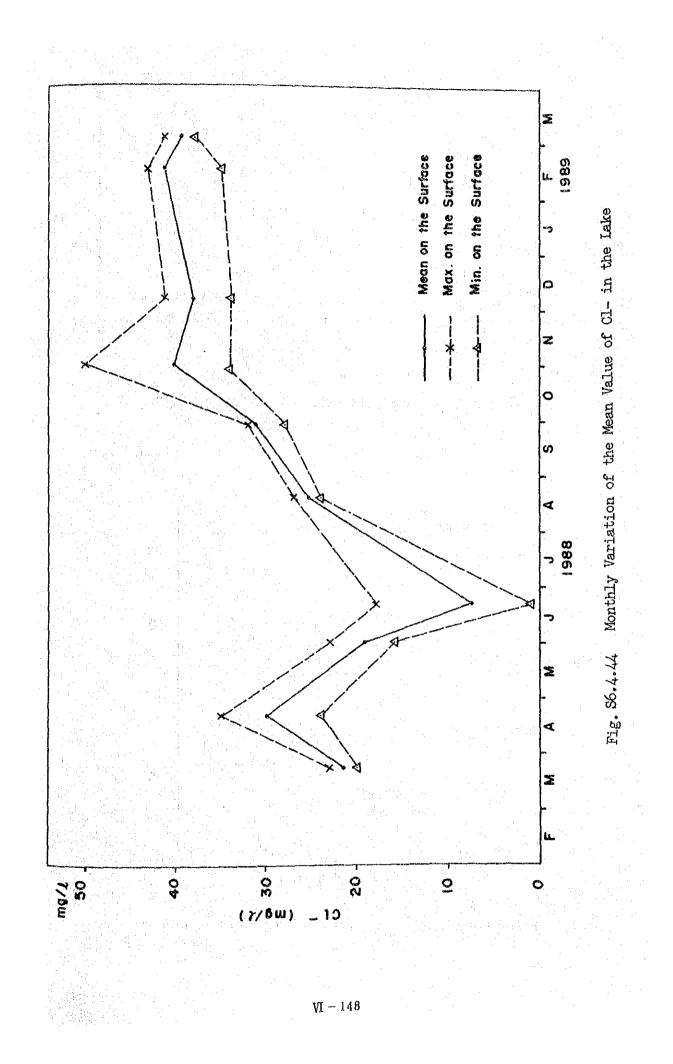


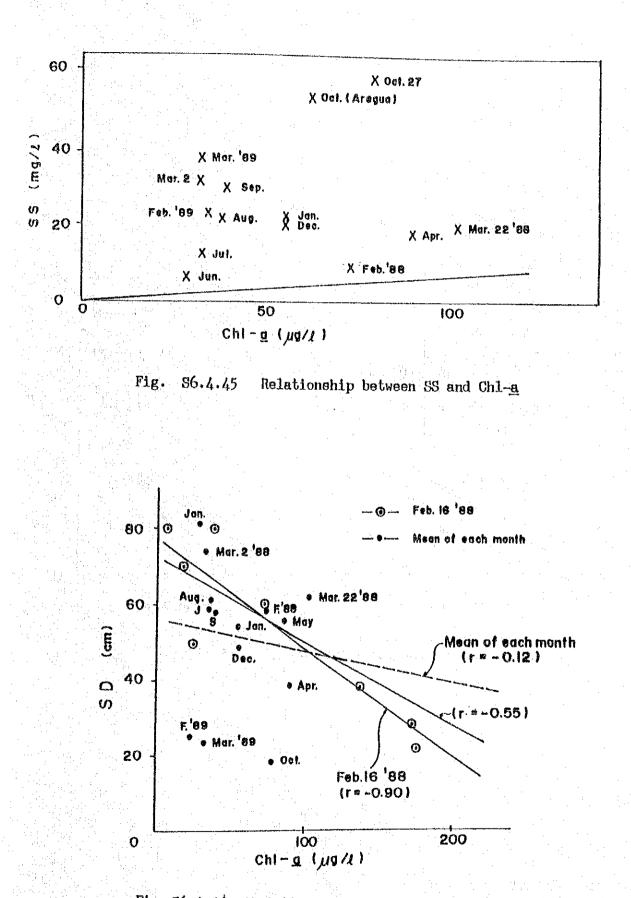


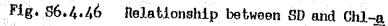




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