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OBSERVATIONS
Océanographiques
EFFECTUEES EN 1972

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PROGRAMME DES NATIONS UNIES POUR LE DEVELOPPEMENT

Gouvernement de la République du Sénégal.
Ministère du Développement Rural.
Direction de l'Océanographie et des Pêches Maritimes
Centre de Recherches Océanographiques de
Dakar - Thiaroye.



DAKAR, JUILLET 1973

REPUBLIQUE DU SENEGAL
MINISTERE DU DEVELOPPEMENT RURAL

OFFICE DE LA RECHERCHE
SCIENTIFIQUE ET TECHNIQUE OUTRE-MER

OBSERVATIONS OCEANOGRAPHIQUES EFFECTUEES

EN 1972

par

J.L. CREMOUX
avec la collaboration de J.DIARRA

Les données présentes dans cette publication ont été récoltées à bord du
"Laurent-Amaro" en coopération avec le projet PNUD/FAO SEN. 66/508
"Etude et Mise en valeur des Ressources en Poissons Pélagiques".

CENTRE DE RECHERCHES OCEANOGRAPHIQUES
DE DAKAR-THIAROYE
(SENEGAL)

R E S U M E

Ce rapport présente les données hydrologiques récoltées en 1972 par le Centre de Recherches Océanographiques de ~~Dakar-Thiaroye~~.

Il regroupe les observations côtières (Station de M'Bour, Wharf de Thiaroye, Almadies, Virage de Yoff, ~~Cayar~~ et St-Louis) ainsi que celles effectuées à l'aide du ~~Laurent-Amaro~~, bateau de recherches du projet PNUD/FAO "Etude et Mise en valeur des Ressources en Poissons Pélagiques" sur le plateau continental ~~sénégalais~~.

A B S T R A C T

In this report are given the hydrographical observations carried out by the "Centre de Recherches Océanographiques de ~~Dakar-Thiaroye~~".

It contains data from coastal stations (M'Bour, Thiaroye, Almadies, Yoff, ~~Cayar~~ and St-Louis) and those obtained by the ~~Laurent-Amaro~~, (Research vessel of the PNUD/FAO, Project Survey and Development of Pelagic Fish Resources) over the senegambian shelf.

P R E S E N T A T I O N

Ce recueil présente les données climatiques concernant DAKAR-YOFF, les relevés hydrologiques des stations côtières ainsi que les observations effectuées au cours des sorties du Laurent Amaro.

Météorologie

Les renseignements météorologiques fournis sous forme de moyennes mensuelles ont été recueillis à l'aéroport de DAKAR-YOFF par l' A S E C N A. Une figure représente par secteur de 10° d'angle, la fréquence des vents exprimée en pourcentage.

Observations côtières

- Station de M'Bour

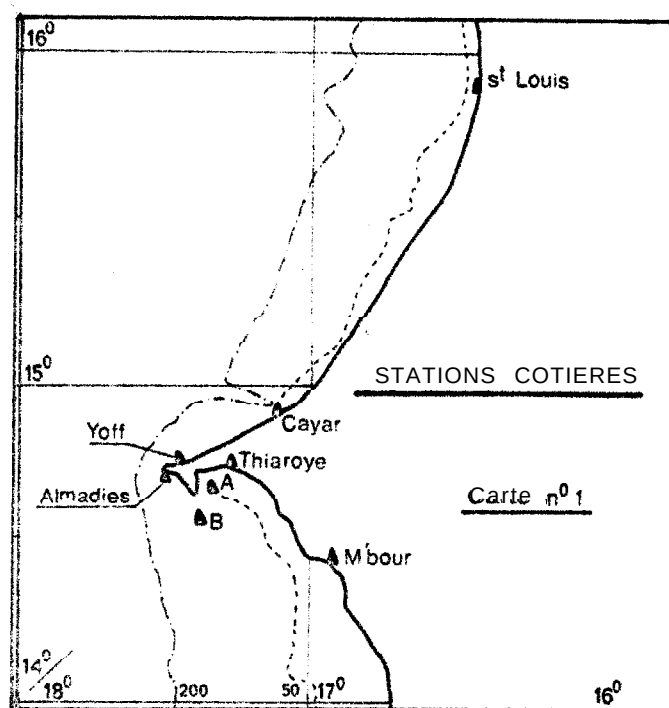
(Centre de Géophysique de l'ORSTOM)

Relevés quotidiens à 8 H. Précision au $1/10^e$ de degré.

- Station du Wharf de Thiaroye

(Centre de Recherches Océanographiques de DAKAR-THIAROYE)

Relevés quotidiens à 8 H. Précision au $1/10^e$ de degré.



Station des Almadies et du Virage de Yoff (Page

Relevés bi hebdomadaires à 10 h et 10h.15

Précision au 1/10^e de degré

Station de Cayar

(Observations relevées par l'inspection régionale du Service de l'Océanographie et des Pêches Maritimes)

Relevés quotidiens dans la mesure du possible

Précision au 1/10 de degré

Station de Saint-Louis

(Observations relevées par l'inspection régionale du Service de l'Océanographie et des Pêches Maritimes).

Précision au 1/10 de degré

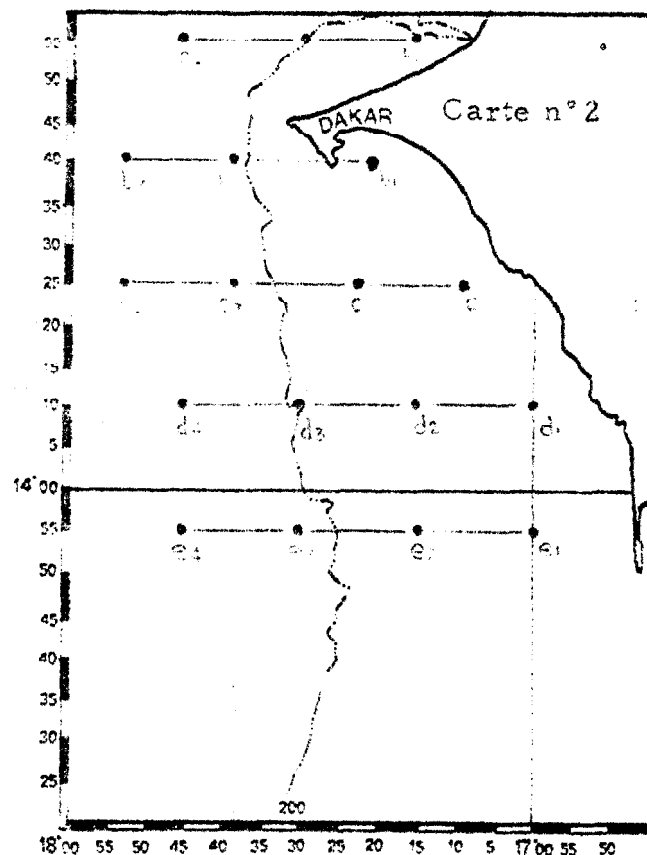
Stations côtières A et B (A : 14°39'N et 17°24'W

(B : 14°38'N et 17°34'W

Observations effectuées sur la radiale du Cap Vert en baie de Corée
(carte n°1)

Observations hydrologiques

Seules, les observations effectuées au cours des missions de collectes de plancton, de chalutage ou d'échoprospection peuvent être présentées ici. (plancton, carte n°2).



A chaque station les renseignements suivants sont notés :

- l'heure de début de la station (T.U.)
- la profondeur en mètres (sondeur simrad)

Les résultats sont exprimés comme suit :

- la température au 1/100e de degré centigrade
- les salinités en p.p.m. (salinomètre hytech.)
- les densités calculées à l'aide des tables de Kalle U. Thorade (Tabellen und Tafeln für die dichte des Seewassers, Hamburg 1940).
- la teneur en oxygène dissous exprimée en ml/l est déterminée au laboratoire par polarimétrie à l'aide d'un poste de titrage par la méthode de Winkler.
- Le taux de saturation en oxygène dissous est calculé d'après les tables de G. Green et D. Caritt 1967. I.M.R. 25 n°2.

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Aéroport de Dakar-Yoff 1972

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Station de M'Bour

" du Wharf de Thiaroye

" des Almadires et de Yoff

" Cayar - - -

" St-Louis

" A et B - - - - -se-

III - Relevés hydrologiques effectués par le L-Amaro en 1972

Sortie

Ob jet

Mois

72.01

Prospection Sompat

Janvier

72.04

Chalutage - - - - -

Février

72.09

Chalutage

Mai

72.11

Prospection Sompat

Mai

72.12

Plancton II. - - - - -

Juin.

72.13

Flanc-ton

Juin

72.14

Plancton - - - - -

Juillet

72.15

Plancton

Août

72.16

Plancton + Chalutage

Septembre

72.17

Chalutage

Octobre

72.18

Plancton - - - - -

Octobre

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METEOROLOGIE

AEROPORT DE DAKAR-YOFF

1 9 7 2

RENSEIGNEMENTS METEOROLOGIQUES

ANNEE : 1972

STATION : DAKAR-YOFF

M O S	Température de l'air C°			Humidité relative		Insolation en heures	Evaporation en mm	Vent Moyen		Précipitation en mm
	Moyenne mensuelle TN+TX	Maximum absolu	Minimum absolu	Moyenne %				Vitesse m/s	Fr. , Secteur	
				Min.	Max.					
JANIER	20.7	33.3	14.5	56.0	96.3	255.7	104.3	133	1 à 3	0.1
FEBIER	19.3	28.8	12.0	60.1	96.8	283.9	96.6	101	1 à 2	Néant
MAR	19.2	26.6	14.1	64.1	93.8	269.4	104.1	116	1 à 4	"
AVRIL	20.3	28.6	15.9	66.8	96.0	289.3	62.4	157	1 à 2	"
MAI	21.2	27.4	16.8	67.4	93.9	295.9	82.0	116	1 à 2	"
JUN	25.2	31.9	20.2	64.8	90.6	266.3	97.6	65	1 à 2	8.7
JULET	26.7	33.0	23.1	65.9	86.6	274.6	88.6	78	1 à 2	0.7
AOUT	27.7	32.0	20.8	66.4	89.4	268.0	102.7	49	1 à 2	35.0
SEPTMBRE	27.7	32.5	21.5	67.3	90.1	249.3	89.4	56	1 à 2	66.0
OCTBRE	28.1	33.2	22.6	63.6	91.1	269.1	100.2	39	1 à 2	6.2
NOVEMBRE	25.3	35.8	17.6	44.4	90.3	244.1	54.6	87	1 à 2	Néant
DECEMBRE	21.7	30.8	15.4	50.6	91.6	273.8	140.6	99	1 à 3	Néant

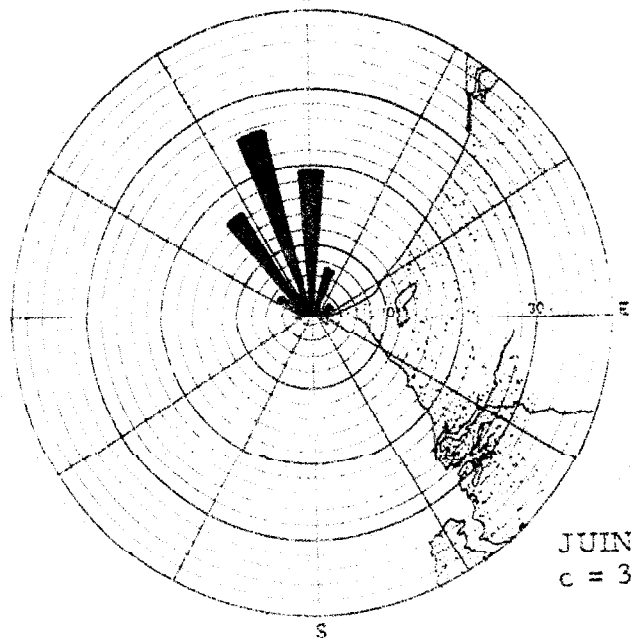
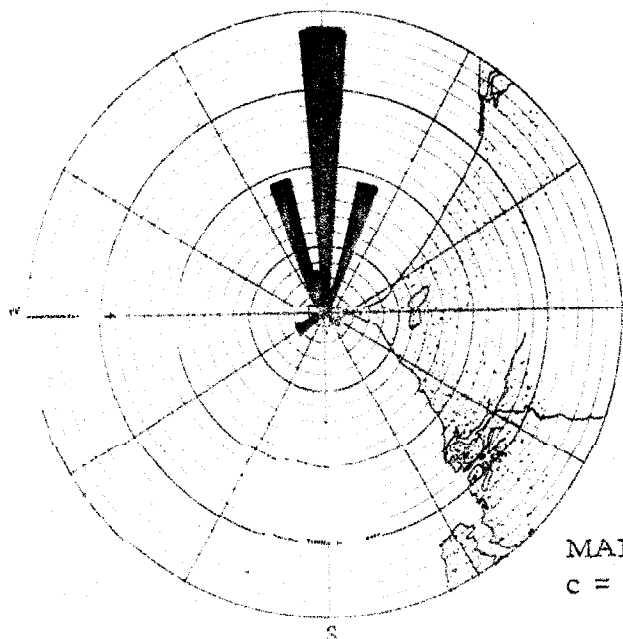
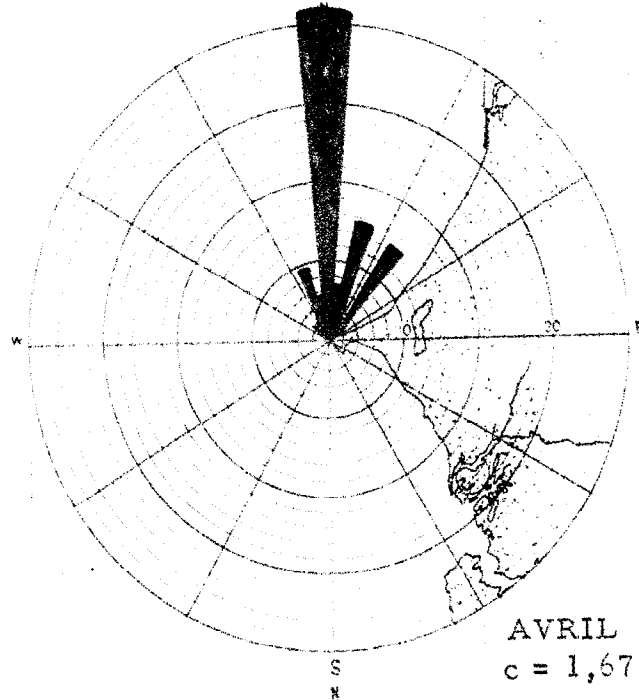
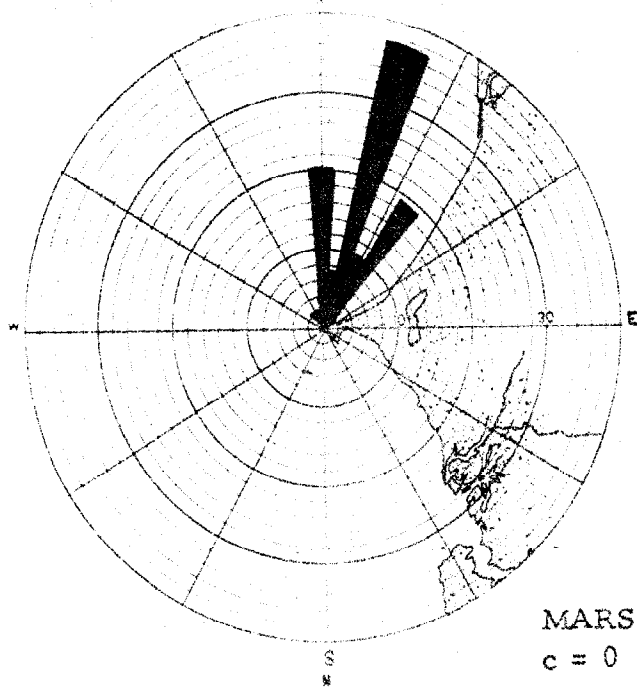
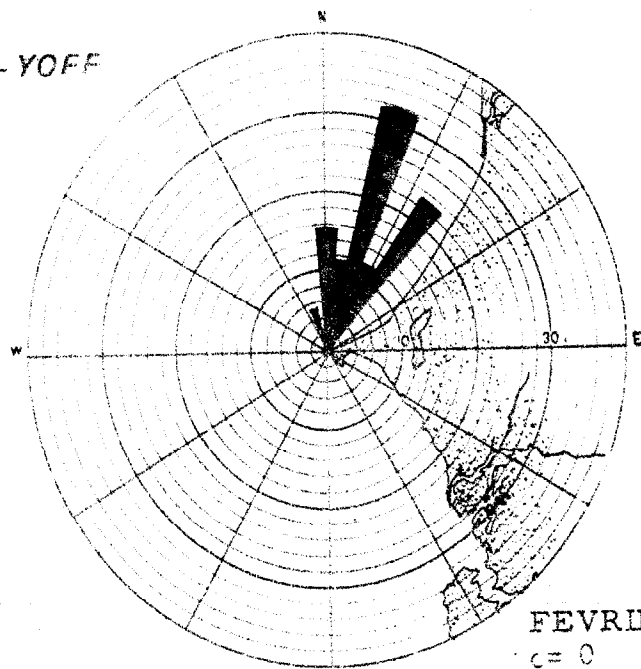
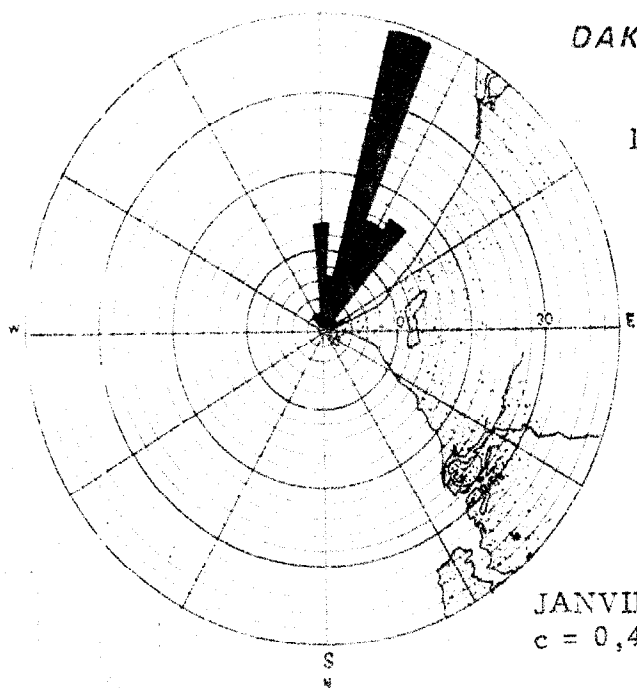
1972 - DAKAR - YOFF

FREQUENCE DES VENTS EXPERIMEE EN POURCENTAGE

	J	F	M	A	M	J	Jt	A	S	O	N	D
10	6.45	11.21	7.66	6.67	2.82	0.42			0.83		0.83	1.21
20	38.71	31.90	37.10	15.83	18.14	7.08	1.21	2.02	7.50	8.47	34.58	37.50
30	14.92	11.64	10.03	0.83	1.61	0.83					2.08	2.42
40	16.13	22.84	18.55	1.25	0.80	3.33		2.02	3.75	3.22	19.17	31.45
50	1.61	0.40	2.02							0.40		0.40
60	1.61	0.80	0.40		0.40	0.42		0.80	0.41	0.40	0.41	0.81
70	0.40							0.40			0.41	0.40
80	1.21				0.40		0.80	0.40	2.08	1.61	0.41	
90												
100						0.83	0.40		1.25			
110												
120	0.80					0.42			2.08	0.80		
130												
140									0.83	0.40		
150								0.40				
160								1.61	1.25	0.40		
170												
180						1.67	0.40	0.40	0.41	1.21		
190												
200					0.40	1.25	0.80	10.40	2.50	0.40		
210												
220				0.41	4.03	0.83	1.61	7.66	0.41	2.08	2.02	
230						0.42		0.80	0.41			
240				0.83	1.21	1.25	3.24	4.84	3.33	3.63		0.40
250						0.42	0.40		0.41			
260												
270						0.42						
280					1.21	3.03	12.50	7.66	0.41	0.40		
290									4.58	4.43		
300			0.40		0.40	5.42	17.74	12.10	7.05	0.40	0.41	
310				0.41	0.40	0.42	0.42	0.40	0.83			
320				2.50	3.63	16.25	31.05	19.14	8.75	8.87	0.83	
330				0.83	0.40	2.08			0.41		0.41	
340	2.02	5.17	2.02	9.58	18.55	25.00	14.52	10.38	14.17	15.73	1.17	2.82
350	2.02	0.40	2.42	5.42	5.64	2.92	1.61	1.21	0.41	1.61	0.41	
360	13.31	15.52	20.16	53.75	37.90	19.17	1.43	6.05	22.08	23.79	28.75	22.58
Calmes	0.40			1.67	1.61	3.33	2.82	6.05	8.75	9.68	7.08	

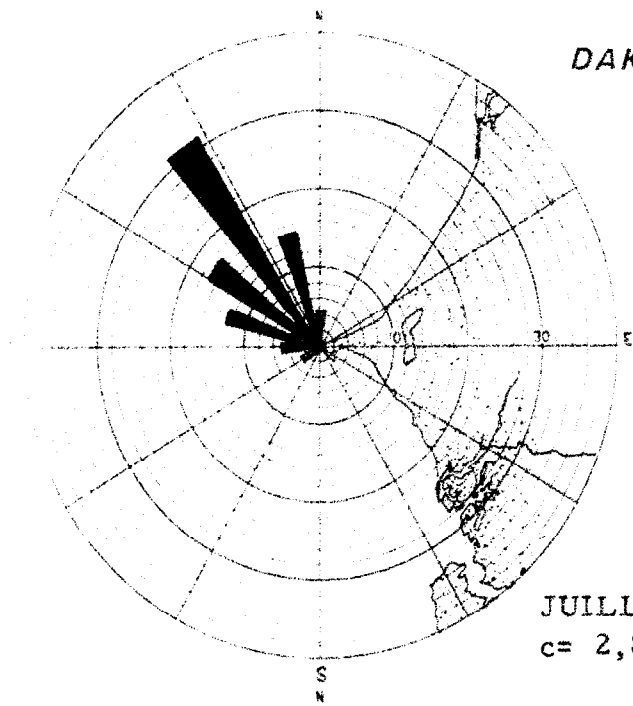
DAKAR - YOFF

1972

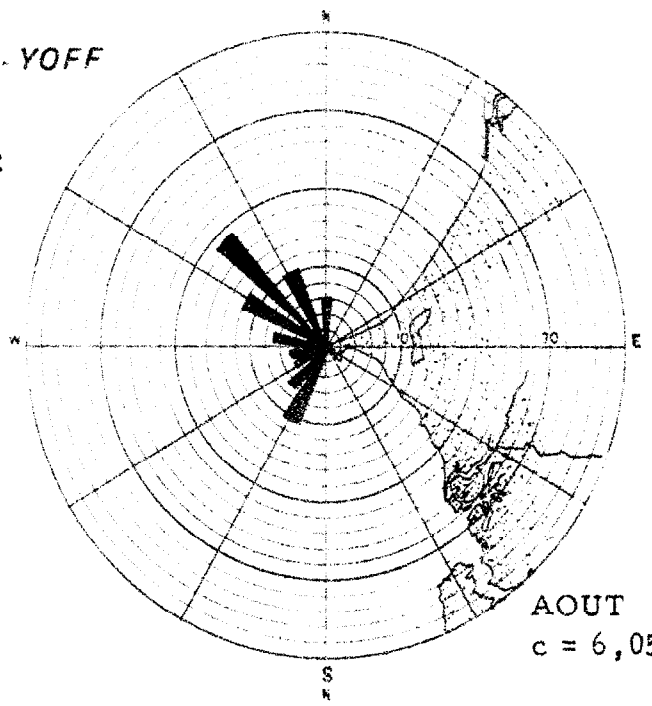


DAKAR - YOFF

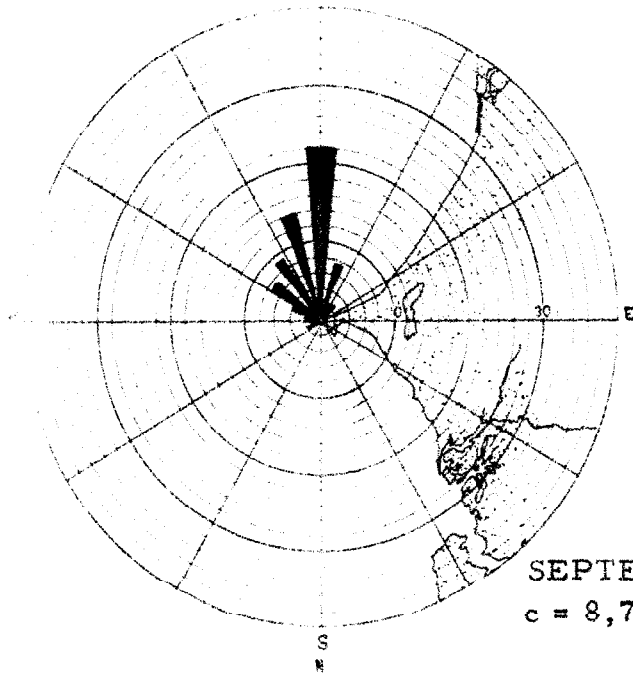
1972



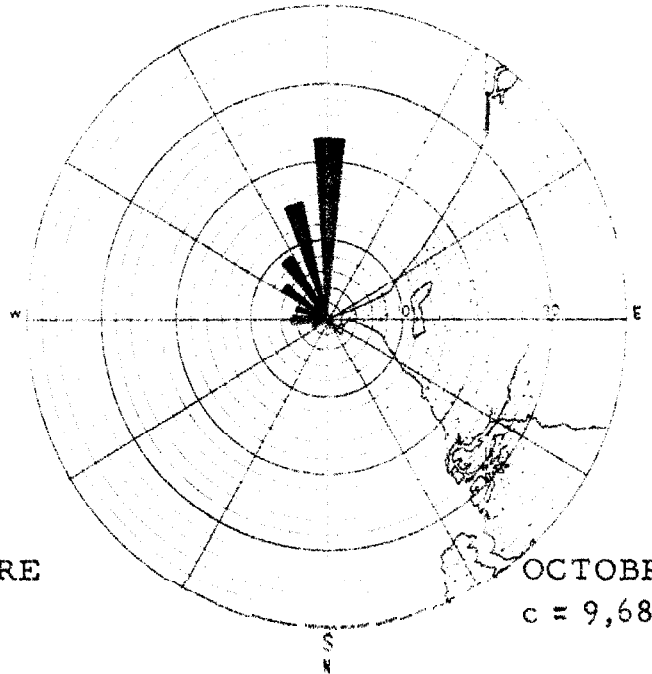
JUILLET
c = 2,82



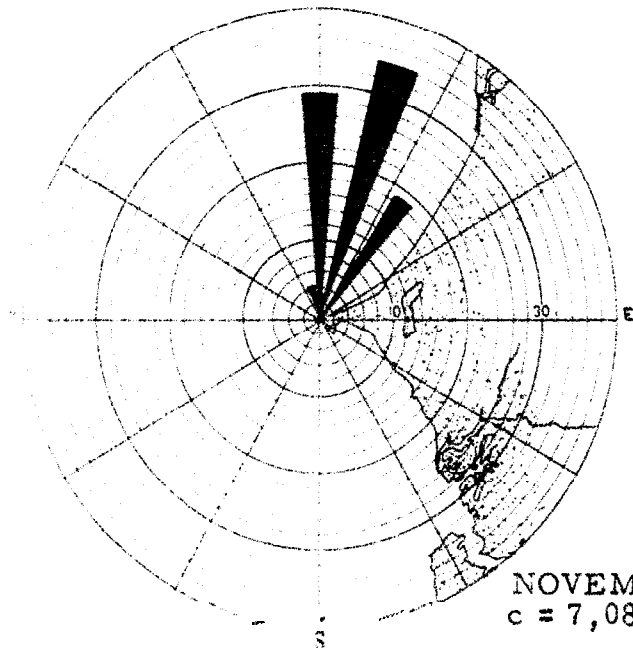
AOUT
c = 6,05



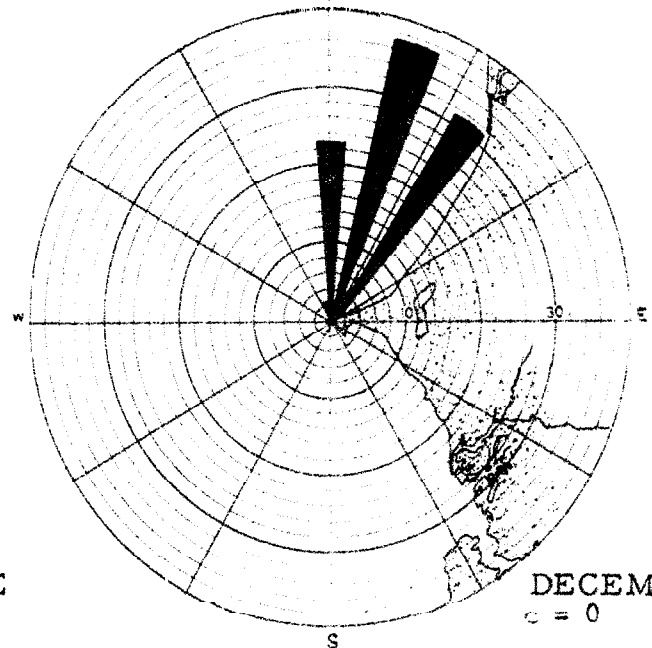
SEPTEMBRE
c = 8,75



OCTOBRE
c = 9,68



NOVEMBRE
c = 7,08



DECEMBRE
c = 0

STATION COTIERE DE M'BOUR

1 9 7 2

OBSERVATIONS DE SURFACE à M'BOUR

1 9 7 2

Date	JANVIER				FEVRIER				MARS			
	T°	a	S	‰	T°	S	‰		T°	S	‰	
1	21.5		35058		1707	35.41			17.0	35.44		
2	21.4		35.62		1707	35.49			17.4	35.45		
3	20.4		35.83		17.3	35.37			18.0	35.58		
4	20.3		35.85		16.7	35.49			17.1	35.53		
5	19.3		35.66		16.7	35.41			17.0	35.60		
6	19.0		35.49		17.0	35.35			17.4	35.54		
	19.0		35.40		17.3	35.35			17.7	35.53		
8	18.6		35.31		17.0	35.47			17.3	35.41		
9	19.0		35.58		17.3	35.48			17.5	35.50		
10	19.4		35.60		17.5	35.56			16.8	35.44		
11	19.0		35.64		17.4	35.52			17.1	35.45		
12	18.6		35067		1701	35.67			17.3	35.43		
13	18.6		35.68		17.4	35.60			17.4	35.21		
14	18.4		35.58		17.4	35.51			17.4	35.030		
15	18.4		35.61		17.6	35.50			17.5	35.50		
16	18.0		35.59		17.8	35.47			16.8	35.29		
17	17.6		35049		18.5	35.030			17.0	35.41		
18	18.0		35.61		18.4	35.46			17.4	35.29		
19	17.0		35053		18.2	35.46			18.6	35.21		
20	18.0		35.59		18.2	35.48			18.6	35.21		
21	18.5		35.67		17.5	35.31			18.7	35.39		
22	18.6		35.68		18.2	35.30			18.5	35.45		
23	18.0		35.61		17.8	35.43			18.0	35.48		
24	18.2		35.73		18.0	35.44			18.3	35.46		
25	18.6		35.71		17.3	35.38			18.6	35.29		
26	18.8		35076		17.6	35.40			19.4	35.34		
27	19.0		35.75		18.0	35.46			19.7	35.33		
28	19.0		35.79		17.4	35.43			20.5	35.36		
29	18.9		35.74		17.8	35.43			19.8	35.68		
30	19.0		35.38						18.8	35.40		
31	18.6		35.40						18.6	35.41		

OBSERVATIONS DE SURFACE à M'BOUR

1972

Date	AVRIL			MAY			JUIN		
	T°	S	\$0	T°	S	\$0	T°	S	\$0
1	18.6	3,035		22.0	35.14		23.5	-	
2	19.2	35.43		22.4	35.24		23.1	35.44	
3	19.0	35050		22.4	35.44		23.7	35.24	
4	18.7	35.47		22.3	35.56		24.2	35.69	
5	19.7	35.39		22.4	35.50		24.5	35.56	
6	19.7	35.42		21.6	35.46		25.1	35.57	
7	20.5			20.6	35.42		26.3	35.52	
8	21.5			20.2	35.51		26.5	35.42	
9	21.5			20.3	35.55		26.2	35.75	
10	21.4			20.4	35.56		26.3	35.42	
11	21.2			20.6	35050		26.5	35.36	
12	20.8			21.0	35.52		26.1	35.41	
13	21.4			21.0	35.44		25.9	35.54	
14	19.1	35.34		20.2	35.33		25.9	35.54	
15	18.5	35.23		20.3	35.32		25.7	35.61	
16	18.8	35.27		20.0	35.39		25.7	35.60	
17	19.0	35.50		20.4	35.53		26.0	35.61	
18	19.1	35.44		20.8	35.60		26.3	35.63	
19	19.8	35.46		21.0	35.57		26.7	35.69	
20	19.5	35.50		21.2	35.53		27.3	35.64	
21	19.2	35.46		21.0				35.63	
22	19.4	35.42		21.2	35.55		27.9	35.61	
23	19.0	35.49		21.0	35.50		26.6	35.49	
24	19.5	35.41		21.2	35.45		27.5	35.4	
25	19.1	35.47		21.7	35.45		28.2	35.60	
26	20.0	35.49		22.0	35055		26.6	35.51	
27	20.3	35.47		22.4	35.28		26.6	35.41	
28	19.9	35.45		23.0	35013		27.5	35.46	
29	20.6	35.40		24.3	34.95		27.0	35.45	
30	20.7	35.22		24.8	35.47		26.8	35.70	
31				24.0	35.54				

OBSERVATIONS DE SURFACE à N'BOUR

1 9 7 2

Date	JUILLET			AOUT			SEPTEMBRE		
	T°	S	‰	TO	S	‰	T°	S	‰
1	26.2		35.70			35.79	28.0		35.47
2	26.5		35.69	27.9		35.94	27.7		35.79
3	26.6		35.69	28.0		35.70	28.2		36.07
4	26.5		35.74	28.6		35.56	29.2		36.11
5	27.4					35.49	28.2		35.81
6	26.6		35.74	28.6		35.78	28.8		36.01
7	27.0		35.86	28.05		35.53	28.6		35.83
8	27.6		35.93	28.0		35.72	2y.3		35050
9	23.0		35.73	28.2		35063	29.0		35.62
10	26.8		35.80	28.5		35.98	2y.0		35.89
11	27.3		35.80	28.6		35.85	28.9		35.69
12	27.0		35.47	28.0		35.40	28.9		35.74
13	26.7		35.65	28.5		35.44	28.9		35.85
14	26.6		35090	29.1		35.72	28.5		35.68
15	27.0		35.74	28.4		35.57	28.5		35.62
16	26.7		35.69	28.1		35.27	28.7		35.69
17	27.7		35.94	27.6		35.19	29.0		35.79
18	28.0		35.73	28.4		35.28	29.6		35.80
19	27.6		35.75	28.2		35.47	29.1		35.74
20	27.4		35.72	28.6		35.44	29.3		35.54
21	27.8		35.77	28.4		35.29	29.6		35.91
22	27.4		35085	28.5		35.16	2y.4		35.68
23	27.1		35.77	28.7		34.32	30.1		35.88
24	27.5		35.99	2801		35.42	29.5		35.92
25	27.7		35.95	29.1		35.34	29.3		35.96
26	27.2		35.77	28.7		35.14	29.4		35.92
27	27.4		35.66	28.9		35.11	28.6		36.10
28	27.4		35.79	28.1		35.25	28.6		36.15
29	27.2		36.05	29.0		35.38	29.1		36.16
30	27.0		36.05	28.7		35.31	29.1		36.11
31	27.7		35.92	28.1		35.59			

OBSERVATIONS DE SURFACE à M'BOUR

1972

Date	OCTOBRE		NOVEMBRE		DECEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	29.5	36.14	25.2	35.64	24.0	35.22
2	29.4	35.09	26.0	35.64	24.0	35.26
3	28.9	36.10	27.0	35.65	25.8	35.28
4	28.9	36.06	26.5	35.69	23.8	35.43
5	29.4	35.97	26.0	35.477	22.0	35.35
6	29.4	35.89	27.0	35.33	22.0	35.56
7	29.3	35.75	26.4	35.38	21.4	35.57
8	29.1	35.071	26.0	35.36		35.59
Y	29.6	35.90	27.0	35.30	21.0	35.5
10	29.3	35.079	26.0	35.50	20.0	35.56
11	29.1	35.084	25.2	35.51	20.0	35.69
12	29.3	35.92	25.3	35.47	19.6	35.56
13	29.1	35.51	24.4	35.45	20.1	35.69
14	29.0	36.00	24.2	35.58	20.7	35.63
15	28.5	35.87	24.2	35.59	20.5	35.74
16	28.6	35.93	24.0	35.77	20.0	35.84
17	29.0	35.90	23.8	35.74	21.0	35.79
18	28.4	35.81	24.7	35.76	20.4	35.85
19	28.4	35.98	23.6	35.86	20.7	35.82
20	28.6	35.99	23.8	35.89	20.2	35.78
21	28.9	35.97	23.2	35.95	19.4	35.84
22	29.0	36.03	23.0	36.01	18.4	35.98
23	29.5	36.02	23.0	36.07	21.0	35.86
24	29.1	35.89	23.2	36.02	24.0	35.81
25	28.4	36.00	23.2	35.48	19.8	35.84
26	28.0	35.94	23.4	35.45	18.8	35.83
27	29.0	35.95	24.7	35.28	19.0	35.95
28	28.9	35.75	24.0	35.31	18.4	35.88
29	29.0	35.61	23.8	35.30	18.2	35.84
30	28.0	35.64	24.0	35.27	18.3	35.81
31	26.0	35.74			18.0	35.77

M B O U R - 1 9 7 2
TEMPERATURES DE SURFACE - MOYENNE PAR QUINZAINE

MOIS	T°	T° Max.	T° Min.	QUINZAINE	T°	T° Max.	T° Min.
JANVIER	18.8	21.5	17.0	1	19.4	21.5	18.4
				2	18.3	19.0	17.0
FEVRIER	17.6	18.5	16.7	1	17.3	17.7	16.7
				2	17.9	18.5	17.3
MARS	18.0	20.5	16.8	1	17.3	18.0	16.8
				2	18.6	20.5	16.8
AVRIL	19.8	21.5	18.5	1	20.1	21.5	18.5
				2	19.6	20.7	18.8
MAI	21.5	24.8	20.0	1	21.1	22.4	20.0
				2	21.9	24.8	20.0
JUIN	26.1	28.2	23.1	1	25.3	26.5	23.1
				2	26.8	28.2	25.7
JUILLET	27.1	28.0	26.2	1	26.9	27.6	26.2
				2	27.4	28.0	26.7
AOÛT	28.3	29.1	27.6	1	28.3	29.1	27.9
				2	28.4	29.1	27.6
SEPTEMBRE	28.9	30.1	27.7	1	28.6	29.3	27.7
				2	29.2	30.1	28.6
OCTOBRE	28.9	29.6	26.0	1	29.2	29.6	28.5
				2	28.6	29.5	26.0
NOVEMBRE	24.7	27.0	23.0	1	25.8	27.0	24.2
				2	23.7	24.7	23.0
DECEMBRE	20.7	25.8	18.0	1	21.7	25.8	19.6
				2	19.7	24.0	18.0

M B O U R - 1972
SALINITES DE SURFACE - MOYENNE PAR QUINZAINE

M O I s	si-	S ‰ Max.	S ‰ Min.	QUINZAINE	S ‰	S ‰ Max.	S ‰ Min.
				C - W - -			
JANVIER	35.62	35.85	35.31	1	35.61	35.85	35.31
				2	35.63	35.79	35.38
FEBVRIER	35.45	35.67	35.30	1	35.48	35.67	35.35
				2	35.41	35.48	35.30
MARS	35.42	35.68	35.21	1	35.47	35.61	35.21
				2	35.38	35.68	35.21
AVRIL	-	-	-	1	-	-	-
				2	35.42	35.50	35.22
MAI	35.44	35.60	34.95	1	35.43	35.56	35.14
				2	35.44	35.60	34.95
JUIN	35.50	35.75	35.24	1	35.043	35.75	35.24
				2	35.56	35.70	35.40
JUILLET	35.89	36.05	35.47	1	35.95	35.93	35.47
				2	35.83	36.05	35.66
BOUT	35.43	35.98	34.32	1	35.61	35.313	35.40
				2	35.25	35.59	34.32
SEPTEMBRE	35.84	36.16	35.47	1	35.78	36.11	35.47
				2	35.89	36.16	35.54
OCTOBRE	35.89	36.14	35.51	1	35.90	36.14	35.51
				2	35.88	36.03	35.61
NOVEMBRE	35.60	36.07	35.27	1	35.52	35.77	35.30
				2	35.68	36.07	35.27
DECEMBRE	35.68	35.38	35.22	1	35.51	35.74	35.22
				2	35.84	35.98	35.37

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STATION COTIERE DU WHARF DE THIAROYE

1 9 7 2

OBSERVATIONS DE SURFACE - WHARF DE THIAROYE

1 9 7 2

Date	JANVIER		FEVRIER		MARS	
	T°	S \$0	TO	S \$0	T°	S %0
1	19.2	35.52	16.0	35.51	15.3	35.52
2	17.4	35.55	16.0	35.50	15.3	35.53
3	17.04	35.58	16.0	35.52	15.6	35.48
4	17.5	35.67	15.4	35.55	15.2	35.43
5	17.5	35.60	15.08	35.54	15.4	35.43
6	17.7	35.59	16.2	35.52	15.0	35.41
7	17.6	35.58	16.6	35.48	15.1	35.43
8	17.2	35.56	15.8	35.46	15.2	35.41
9	17.2	35.55	15.4	35.48	14.8	35.39
10	17.2	35.56	15.6	35.49	14.8	35.40
11	20.5	35.56	15.4	35.49	14.4	35.41
12	20.4	35.61	15.6	35.48	14.6	35.39
13	16.5	35.58	15.4	35.48	15.0	35.041
14	16.0	35.58	15.03	35.50	15.1	35.43
15	16.5	35.57	15.0	35.044	15.2	35.43
16	17.4	35.63	15.2	35.42	15.4	35.43
17	17.04	35.60	14.9	35.46	15.4	35.42
18	17.4	35.63	15.03	35.47	15.0	35.43
19	17.2	35.61	15.4	35.47	14.6	35.41
20	17.3	35.61	15.4	35.44	14.4	35.38
21	18.5	35.61	15.6	35.46	14.2	35.36
22	16.8	35.60	15.8	35.44	14.4	35.36
23	16.8	35.59	15.8	35.59	15.0	35.35
24	16.5	35.59	15.09	35.47	15.1	35.37
25	16.0	35.53	15.8	35.47	14.8	35.39
26	15.6	35.50	15.9	35.51	14.8	35.42
27	15.4	35.48	16.0	35.59	15.4	34.70
28	16.0	35.49	15.8	35.53	15.8	35.47
29	16.2	35.50	15.6	35.51	16.0	35.49
30	16.2	35.51			16.0	35.48
31	16.2	35.49			16.1	35.49

OBSERVATIONS DE SURFACE - WHARF DE THIAROYE

1 9 7 2

Dte	AVRIL			MAI			JUIN		
	T°	S	‰	T°	S	‰	T°	S	‰
1	15.8	35048		17.00	35.37		20.0	35.58	
2	15.8	35045		18.0	35.43		20.2	35.59	
	15.4	35.45		17.1	35.41		21.2	35.56	
4	15.6	35.42		16.2	35.44		21.2	35.64	
5	15.6	35.43		17.0	35.45		20.6	35064	
6	19.6	35.44		17.0	35.46		20.8	35.57	
7	16.0	35.47		16.8	35.46		21.07	35.61	
8	15.6	35.45		16.8	35.32		21.9	35.60	
9	15.4	35.48		17.0	35.48		21.8	35.59	
10	15.4	35.48		17.2	35.50		21.9	35.65	
11	15.4	35.51		17.2	35.52		21.4	35.43	
12	15.4	35.47		17.2	35053		20.9	35.61	
13	15.4	35.46		17.1	35.54		21.2	35.62	
14	15.7	35.49		17.2	35.54		21.4	35.63	
15	16.0	35.46		17.2	35.54		21.8	35.60	
16	16.2	35.47		17.1	35.56		22.2	35.65	
17	16.0	35.49		17.3	35.56		22.3	35.63	
18	15.9	35.49		17.84	35.57		22.2	35.68	
19	15.9	35.50		17.4	35.58		22.6	35.69	
20	15.8	35.51		17.9	35.58		22.5	35.67	
21	16.3	35.48		17.8	35.58		22.7	35.65	
22	15.9	35.49		17.6	35.56		22.7	35.66	
23	16.0	35.46		17.8	35.59		22.8	35.62	
24	15.9	35.49		17.5	35.57		23.8	35.63	
25	15.8	35.46		18.0	35.57		24.8	35.63	
26	15.4	35.42		17.4	35.57		24.7	35.66	
27	15.2	35.49		17.6	35.56		24.6	35.66	
28	15.4	35.42		18.8	35.58		25.2	35.69	
29	15.0	35.39		19.4	35.54		24.8	35.70	
30	16.0	35.36		20.2	35.58		24.5	35.69	
31				20.32	35057				

OBSERVATIONS DE SURFACE - WHARF DE THIAROYE

1 9 7 2

Date	JUILLET		AOUT		SEPTEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	24.8	35.70	26.0	35.82	28.2	36.05
2	24.8	35.71	25.4	35.83	28.2	36.12
3	24.09	35.75	26.4	35.31	28.2	36.05
	24.9	35.75	26.3	35.82	28.2	36.09
	24.8	35.78	25.3	35.77	29.0	35.99
3	24.2	35.72	26.6	35.82	28.6	36.07
7	23.8	35.71	27.0	35.84	28.4	36.00
8	23.9	35.69	26.5	35.78	28.5	36.00
Y	23.8	35.063	27.4	35.82	28.6	35.093
10	23.5	35.71	27.1	35.85	28.2	35.94
11	24.4	35.73	26.4	35.75	28.0	35.090
12	23.0	35.07.3	26.5	35.86	28.7	36.01
13	23.7	35.74	26.8	35.88	28.1	35.70
14	24.4	35.72	27.6	35.91	28.1	35.94
15	24.4	35.75	27.1	35.89	28.4	35.32
16	24.6	35.68	26.6	35.92	28.5	35.36
17	25.4	35.78	27.4	36.04	28.2	35.034
18	24.6	35.76	27.8	35.097	28.3	35.44
19	25.1	35.76	26.5	35.96	28.9	35.40
20	25.3	35.78	26.0	35.37	28.7	35.54
21	25.5	35.79	27.08	36.02	28.3	35.68
22	25.5	35.78	27.4	35.91	28.4	35.82
23	25.2	35.78	27.1	36.03	28.6	35.78
24		35.78	26.8	35.90	28.6	35.58
25	25.6 25.8	35.77	27.3	35.95	28.6	35.73
26	25.1	35.81	28.4	35.95	28.4	35.079
27	26.2	35.85	27.5	35.97	28.0	35.85
28	25.2	35.82	28.3	35.99	28.0	35.86
29	25.3	35.86	28.3	36.000	28.0	35.75
30	26.0	35.87	28.7	36.005	25.5	35.83
31	25.4	35.85	28.03	36.02		

OBSERVATIONS DE SURFACE - WHARF DE THIAROYE

1 9 7 2 :

Date	OCTOBRE		NOVEMBRE		DECEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	24.4	35.70	25.0	35.67	23.2	35.42
2	24.8	35.74	25.8	35.68	22.4	35.38
3	26.4	35.74	26.1	35.68	23.0	35.52
4	26.7	35.77	26.4	35.67	21.0	35.55
5	27.0	35.74	26.2	35.71	19.8	35.60
6	27.2	35.80	26.0	35.72	19.0	35.60
7	27.8	35.72	24.6	35.68	18.6	35.61
8	27.4	35.67	23.4	35.69	18.5	35.60
9	27.9	35.73	23.3	35.70	19.4	35.66
10	28.2	35.70	23.4	35.74	19.2	35.64
11	28.1	35.84	23.9	35.74	19.2	35.70
12	28.1	35.73	23.8	35.76	19.2	35.69
13	28.6	35.66	23.2	35.73	19.7	35.72
14	28.2	35.75	23.0	35.70	19.8	35.73
15	28.2	35.69	20.8	35.71	19.6	35.68
16	28.1	35.69	20.8	35.68	19.6	35.67
17	28.0	35.68	21.00	35.68	19.4	35.64
18	27.8	35.66	20.3	35.79	19.4	35.64
19	27.6	35.70	21.4	35.71	19.5	35.75
20	28.4	35.70	22.3	35.74	19.4	35.66
21	28.6	35.76	22.8	35.74	19.2	35.66
22	28.8	35.77	23.2	35.69	19.3	35.67
23	28.8	35.57	24.0	35.59	19.03	35.64
24	28.7	35.69	24.4	35.48	18.4	35.62
25	28.6	35.62	25.0	35.42	19.4	35.59
26	26.3	35.62	24.8	35.35	16.8	35.66
27	26.0	35.61	24.8	35.32	17.8	35.67
28	23.4	35.63	24.6	35.33	17.7	35.68
29	24.4	35.63	24.2	35.38	17.6	35.65
30	23.8	35.62	24.1	35.40	17.6	35.65
31	24.4	35.71			17.4	35.61

WHARF DE THIAROYE - 1972
TEMPERATURES DE SURFACE - MOYENNE PAR QUINZAINE

MOIS	T°	T° Max.	T° Min.	QUINZAINE	T°	T° Max.	T° Min.
JANVIER	17.2	20.5	15.4	1	17.7	20.5	16.0
				2	16.7	18.5	15.4
FEVRIER	15.7	16.6	14.9	1	15.7	16.6	15.0
				2	15.6	16.0	14.9
MARS	15.1	16.0	14.2	1	15.1	15.6	14.4
				2	15.2	16.0	14.2
AVRIL	15.7	16.3	15.0	1	15.6	16.0	15.4
				2	15.9	16.3	15.0
MAI	17.6	20.2	16.2	1	17.1	18.0	16.2
				2	18.1	20.2	17.1
JUIN	22.3	25.2	20.0	1	21.2	21.9	20.0
				2	23.5	25.2	22.2
JUILLET	24.8	26.2	23.5	1	24.2	24.9	23.5
				2	25.4	26.2	24.6
AOÛT	27.1	28.9	25.3	1	26.6	27.6	25.3
				2	27.6	28.9	26.0
SEPTEMBRE	28.3	29.0	25.5	1	28.4	29.0	28.0
				2	28.2	28.9	25.5
OCTOBRE	27.2	28.8	23.4	1	27.3	28.6	24.4
				2	27.0	28.8	23.4
NOVEMBRE	23.8	26.4	20.3	1	24.4	26.4	20.8
				2	23.2	25.0	20.3
DECEMBRE	19.3	23.2	16.8	1	20.1	23.2	18.5
				2	18.6	19.6	16.8

WHARF DE THIAUROYE - 1972
SALINITES DE SURFACE - MOYENNE PAR QUINZAINE

MOIS	S ‰	S ‰ Max.	S ‰ Min.	QUINZAINE	S ‰	S ‰ Max.	S ‰ Min.
JANVIER	35.57	35.67	35.48	1	35.58	35.67	35.52
				2	35.56	35.63	35.48
FEVRIER	35.49	35.59	35.42	1	35.49	35.55	35.44
				2	35.49	35.59	35.42
MARS	35.40	35.53	34.70	1	35.43	35.53	35.39
				2	35.037	35.49	34.70
AVRIL	35.46	35.51	35.36	1	35.46	35.51	35.46
				2	35.46	35.51	35.36
MAI	35.52	35.59	35.32	1	35.47	35.54	35.32
				2	35.57	35.59	35.54
JUIN	35.63	35.70	35.43	1	35.59	35.65	35.43
				2	35.66	35.70	35.62
JUILLET	35.76	35.86	35.63	1	35.72	35.78	35.63
				2	35.80	35.86	35.58
AOUT	35.90	36.05	35.77	1	35.83	35.91	35.77
				2	35.98	36.05	35.90
SEPTEMBRE	35.76	36.12	34.94	1	35.87	36.12	34.94
				2	35.65	35.86	35.34
OCTOBRE	35.70	35.84	35.61	1	35.73	35.84	35.56
				2	35.67	35.77	35.61
NOVEMBRE	35.43	35.73	35.32	1	35.71	35.76	35.67
				2	35.55	35.79	35.32
DECEMBRE	35.63	35.75	35.38	1	35.61	35.73	35.38
				2	35.65	35.75	35.59

1972

1972

STATION DES AIMADIES ET DU VIRAGE DE YOFF

1972

OBSERVATIONS DE SURFACE AUX ALMADIES ET AU VIRAGE

1 9 7 2

JANVIER

A L M A D I E S			V I R A G E		
I I			C		
T°	S ‰	Date	T°	S ‰	
18.3	35.54	4	18.6	35.53	
17.5	35.50	8	18.0	35.52	
17.6	35.57	11	18.0	35.60	
18.0	35.62	14	18.0	35.61	
16.9	35.60	18	17.3	35.59	
17.1	35.52	21	17.2	35.52	
16.9	35.050	24	17.2	35.55	
16.6	35.47	28	16.6	35.37	
17.0	35.52	31	17.6	35.50	

FEVRIER

			W. - W - -		
15.2	35.56	4	15.6	35.44	
15.6	35.48	7	16.0	35.42	
15.5	35.45	11	15.4	35.46	
16.5	35.54	14	16.8	35.55	
16.8	35.52	18	16.2	35.54	
16.8	35.52	21	17.0	35.46	
17.2	35.51	24	17.8	35.44	
15.7	35.46	28	16.0	35.50	

MARS

15.0	35.41	3	15.2	35.41	
15.3	35.42	6	15.6	35.35	
15.2	35.42	10	15.2	35.45	
16.2	35.45	13	16.2	35.44	
15.6	35.41	17	16.4	35.38	
14.6	35.42	20	14.5	35.36	
17.4	35.51	24	17.4	35.48	
18.0		27	18.3	35.51	
16.0	35.50	31	16.2	35.48	
	35.48				

OBSERVATIONS DE SURFACE AUX ALMADIES ET AU VIRAGE

1 9 7 2

AVRIL

A L M A D I E S				V I R A G E		
V s . -						
T°	S	%	Date	T°	S	%
10.3	5	35.30	7	18.0		3547
18.0		35.51	11	18.4		35.51
15.2		35.47	15	3	18.4	35.50
18.4		35.33	18		18.0	35.51
17.6		35.47	21		17.8	35.49
17.4		35.50	24		16.4	3543
17.2	a	35.48	29		17.4	35.54

M A I

18.5		35.46	5	18.4		35.50
18.3		35.15	9	19.2		35053
18.1		35.56	12	18.2		35.56
18.2		35.56	15	19.0	a	35.59
20.4		35.60	19	20.2		35.60
19.8		35.55	23	19.6		35.54
20.2		35.57	26	19.8		35.58
23. f;		35.68	30	22.4		35063

J U I N

22.2		35.47	1	22.1		35.69
23.2		35.69	4	23.9		35.59
24.0		35.69	8	23.8		35.71
23.6		35.77	13	24.0		35075
23.2		35.82	16	23.4		35.8-1
24.3		35.72	19	24.2		35.73
24.3		35.83	23	26.2		35.99
26.5		36.09	26	26.4	v	35.90

OBSERVATIONS DE SURFACE AUX ALMADIES ET AU VIRAGE

1 9 7 2

JUILLET

A L M A D I E S			V I R A G E		
T°	S ‰	Data	T°	S ‰	
25.2	36.05	3	25.6	35.56	
25.5	35.97	6	25.7	35.87	
26.2	35.91	10	26.5	35.34	
26.6	35.86	13	26.7	35.92	
26.8	36.35	17	27.1	35.74	
27.3	36.13	21	27.2	35.86	
26.8	35.90	24	25.4	35.90	
27.7	35.97	27		27.35.99	
29.6	35.90	31	28.9	35.62	
A P -		SS - S			

AOUT

		3			
28.6	35.94	8	28.5	35.92	
27.3	35.98		27.4	36.01	
23.0	35.73	11	27.8	35.83	
27.8	35.90	14	27.6	35.89	
28.5	35.91	18	28.4	35.88	
28.0	35.98	21	28.4	36.00	
23.4	35.90	25	28.2	35.91	
20.1	35.82	28	28.0	36.09	

SEPTEMBRE

27.7	35.90	1	27.9	35.91	
27.7	35.86	8	23.4	35.30	
28.5	35.89	19	28.6	35.78	
27.2	35.64		28.6	35.43	
28.3	35.49	15	28.0	35.50	
27.9	35.58	18	28.3	35.53	
27.5	35.71	21	29.0	35.58	
28.4	35.63	24	28.5	35.63	
26.6	35.56	23	27.2	35.53	

OBSERVATIONS DE SURFACE AUX ALMADIES ET AU VIRAGE

1 9 7 2

OCTOBRE

A L M A D I E S			V I R A G E		
T°	S ‰	Date	T°	S ‰	
25.6	35.54	1	25.5	35.41	
28.3	35.48	6	28.4	35.55	
28.4	35.40			35.41	
28.8	35.44	13	23.1	35.42	
28.0	35.51	16	28.8	35.42	
28.4	35.54	19	30.5	35.49	
26.8	35.50	30	26.7	35.50	

NOVEMBRE

a			w		
26.3	35.45	3	26.9	35.43	
22.9	35.65	6	23.5	35.65	
25.2	35.62	10	25.4	35.60	
22.4	35.66	14	22.5	35.67	
21.8	35.77	17	21.8	35.67	
21.7	35.71	20	21.8	35.72	
24.6	35.41	24	24.7	35.36	
25.2	34.78	27	25.4	34.67	

DECEMBRE

25.8	35.30	1	23.9	35.28	
21.5	35.54	4	20.5	35.50	
18.6	35.60	8	18.4	35.58	
20.4	35.73	11	20.4	35.63	
18.9	35.55		19.0	35.54	
18.4	35.59	15	18.4	35.56	
19.9	35.60	22	18.6	35.62	
16.4	35.52	23	20.0	35.54	

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→ STATION COTIERE DE CAYAR ←

- 1972 -

OBSERVATIONS DE SURFACE à CAYAR

1 9 7 2

Date	JANVIER			FEVRIER			MARS		
	T°	S	‰	T°	S	‰	T°	S	‰
1							15.4	35.49	
2				16.5	35.45		15.1	35.45	
3	18.5	35.52		16.0	35.41				
4	18.9	35.35		15.5	35.46		15.3	35.42	
5	18.5	35053		16.2	35.42				
6	17.9	35.35					15.1	35.32	
7	18.2	35.35		16.4	35.42		15.6	35.29	
8	17.9	35028		15.9	35.437		15.5	35.38	
9				16.2	35.31		16.1	35.33	
10	17.6	34095		16.2	35.25				
11	17.4	35.45		15.5	35.37				
12	16.9	35.13		16.8	35.33				
13	16.9	35.41					16.4	35.32	
14	17.05	35.43		16.6	35044		16.0	35.38	
15	14.0	35.53		17.6	35.47		16.0	35.41	
16				17.0	35.44		15.9	35.33	
17	16.8	35.42		17.0	35.45				
18	17.0	35.43		17.5	35.43		16.5	35.35	
19	16.0	35037		17.6	35.43				
20	16.2	35.37					16.0	35.33	
21	19.4	35.23		16.6	35.36		16.6	35.33	
22	17.4	34.3'7		17.2	35.25		17.64	35.32	
23				17.6	35.17		17.4	35.30	
24	16.9	35.26		16.1	35.44				
25	17.4	35.15		16.3	35.45		17.0	35.35	
26	17.6	35.23							
27							17.4	35.47	
28	16.4	35.35		15.5	35.46		17.5	35.44	
29	16.6	35.33		15.3	35.48		17.2	35.46	
30									
31	16.8	35044							

OBSERVATIONS DE SURFACE à CAYAR

1 9 7 2

Date	AVRIL		MAI			JUIN	
	T°	S ‰	T°	S	‰	T°	s \$0
1						22.6	35.55
2			20.0	35.48		23.1	35.59
3			20.5	35.43			
4							
5			19.0	35.40		24.5	35.59
6	18.5	35.41				24.5	35.55
7	19.0	35.32				24.0	35.60
8	19.4	35.17	17.8	35.41		23.0	35.4
9			20.0	35.45		24.5	35.50
10	19.4	35.41				24.6	35.56
11	18.5	35.42					
12	18.9	35.44	19.1	35.55			
13	18.5	35.44	19.2	35.50		25.0	35.63
14	18.7	35.46				25.2	35.65
15	18.5	35.43	19.2	35.50		25.0	35.64
16			19.2	35.48		24.0	35.64
17	18.4	35.42	13.5	35.46		24.1	35.56
18	18.2	35.41	20.0	35.50			
19	18.0	35.42	20.2	35.45		24.1	35.55
20	18.4	35.38	20.2	35.55		25.0	35.45
21	18.1	35.33				25.5	35.58
22	17.4	35.40				25.7	35.63
23			20.5	35.49		25.9	35.70
24	16.9	35.42				26.1	35.76
25	16.5	35.40					
26			20.9	35.52		26.1	35.84
27	17.5	35.42	21.4	35.52		26.5	35.86
28	18.8	35.44				26.5	35.85
29	19.0	35.47	20.2	36.58		26.2	35.83
30			22.5	35.52		26.2	35.86
31			22.6	35.49			

OBSERVATIONS DE SURFACE à CAYAR

1972

Date	JUILLET		AOUT			SEPTEMBRE		
	T°	S ‰	TO	S ‰		T°	S ‰	
1	26.6	35.83	—	—		28.4	36.00	
2		—	28.2	35.79		28.6	35.31	
3			28.0	35.90		—		
4	—		28.1	35.58		29.0	35.23	
5	26.7	35.73	27.8	35.082		27.9	35.55	
6	26.8	35.82	—			28.1	35.39	
7	—		28.1	35.73		28.1	35.55	
8			27.8	35.79		28.8	35.57	
9	—		28.1	35.82		29.0	35.41	
10	26.6	35.678	28.2	35.79				
11	26.6	35.84	28.1	35.78		29.0	35.31	
12	26.7	35.85	28.1	35.82		—		
13	26.5	35.88	—			28.6	35.41	
14	26.8	35.88	28.4	35.73		27.6	35.55	
15		—	—			28.8	35.50	
16		—	28.1	35.85		28.5	35.51	
17	27.4	35.87	28.4	35.82		—		
18	27.6	35.89	28.8	35.78		28.6	35.52	
19	27.5	35.93	28.1	35.070		28.9	35.56	
20	27.4	35.91	—	—		29.0	35.59	
21	28.0	35.995	28.9	35.82		29.1	35.65	
22	27.4	35.98	28.8	34.017		29.0	35.63	
23	—		28.7	35.64		29.1	35.60	
24	27.7	36.03	28.5	35.80		—		
25	27.8	36.01	29.0	35.82		23.5	35.70	
26	27.5	35.95	28.1	35.90		28.0	35.18	
27	27.8	35.96	—			27.0	35.18	
28	27.7	35.91	28.5	35.092		26.5	35.34	
29	27.6	35.94	23.0	35.92		26.05	35.38	
30	—		28.5	35.93		27.0	35.16	
31	28.0	35.78	—					

OBSERVATIONS DE SURFACE à CAYAR

1972

Date	OCTOBRE		NOVEMBRE		DECEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	—	—	—	—	24.0	35.33
2	27.0	34.60	27.0	3551	—	—
3	27.0	35.00	25.0	35.59	—	—
4	—	—	26.0	35.64	21.0	35.42
5	26.5	35.23	—	—	—	—
6	27.4	35.40	—	—	18.2	35.54
7	28.0	35027	24.0	35-65	17.5	35.63
8	—	—	—	—	—	—
9	29.0	35.31	22.0	35.63	18.4	35.57
10	28.0	35.33	23.0	35075	—	—
11	28.8	35.41	23.0	35.66	19.0	35.56
12	—	—	—	—	19.0	35.63
13	28.9	35739	21.0	35.60	19.0	35.46
14	28.4	35.35	21.0	35.61	18.8	35.44
15	—	—	22.0	35.65	18.8	35.51
16	28.4	35.26	—	—	18.4	35.44
17	28.1	35.12	21.0	35.68	—	—
18	28.0	35.06	21.0	35.63	18.1	35.52
19	28.0	34.95	—	—	18.4	35.51
20	27.8	35.05	2070	35.69	18.5	35.53
21	29.0	35.29	21.0	35467	19.0	35.54
22	—	—	22.0	35073	19.4	35.49
23	28.1	35.15	24.0	35.74	19.0	35.49
24	28.4	35.28	24.0	35.70	—	—
25	28.0	35.26	24.0	35.67	—	—
26	27.6	35.16	—	—	17.9	35.43
27	24.5	35.27	24.0	35053	—	—
28	23.5	35.31	24.0	35.33	17.0	35.18
29	—	—	24.0	35.46	16.6	35030
30	24.5	35.39	23.0	35.38	17.4	35.09
31	24.4	35.48	—	—	—	—

c A Y A R - 1 9 7 2
TEMPERATURES DE SURFACE - MOYENNE PAR QUINZAINE

M O I S	T°	T° Max.	T° Min.	QUINZAINE	T°	T° Max.	T° Min.
JANVIER	17.3	19.4	14.0	1	17.7	19.1	14.0
				2	16.9	19.4	15.4
FEBVRIER	16.5	17.6	15.3	1	16.3	16.8	15.5
				2	16.7	17.6	15.9
MARS	16.3	17.5	15.1	1	15.6	16.4	15.1
				2	16.9	17.5	15.9
AVRIL	18.3	19.4	16.5	1	18.6	19.4	17.5
				2	17.9	19.3	16.5
M AI	20.0	22.6	17.8	1	19.3	20.5	17.6
m m - - - - g				2	20.6	22.6	13.2
JUIN	24.9	26.5	22.6	1	24.2	25.2	22.6
					25.5	26.5	24.0
JUILLET	27.2	28.0	26.5	1	26.7	27.0	26.5
				2	27.6	28.0	27.2
AOUT	28.3	29.0	27.8	1	28.1	28.4	27.8
				2	28.5	29.0	28.1
SEPTEMBRE	28.4	29.5	26.5	1	28.6	29.0	27.8
				2	28.3	29.5	26.5
OCTOBRE	27.4	29.0	23.5	1	27.9	29.0	26.5
				2	26.9	29.0	23.5
NOVEMBRE	23.1	27.0	20.0	1	23.6	27.0	21.0
				2	22.5	24.0	20.0
DECEMBRE	18.9	24.0	16.6	1	18.4	24.0	17.5
				2	19.3	13.0	16.6

- STATION COTIERE DE SAINT-LOUIS -

1 9 7 2

OBSERVATIONS DE SURFACE à ST-LOUIS

OBSERVATIONS DE SURFACE à ST-LOUIS

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OBSERVATIONS DE SURFACE à ST-LOUIS

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STATIONS COTIERE A et B

A : $14^{\circ}39'N$ et $17^{\circ}24'W$

B : $14^{\circ}38'N$ et $17^{\circ}34'W$

Station - A -

Date : 3.1.72 Heure : 23h.00
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	22.16	35.57	24.63	-	-
5	17.69	35.57	25.81	-	-
10	16.99	35.54	25.94	-	-
20	15.48	35.50	26.27	-	-

Station - B -

Date : 8.1.72 Heure : 03h.00
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.70	35.56	26.27	-	-
10	16.06	35.58	26.20	-	-
20	18.50	35.58	25.60	-	-
30	18.60	35.51	25.53	-	-
50	20.98	35.42	24.84	-	-
75	14.06	35.42	26.51	-	-
100	13.98	35.40	26.51	-	-

Station - B -

Date : 4.1.72 Heure : 00h.25
Fonds : 100 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.51	35.47	25.53	-	-
10	17.35	35.50	25.84	-	-
20	16.06	35.40	26.06	-	-
30	15.05	35.40	26.29	-	-
50	14.44	35.54	26.52	-	-
75	13.91	35.52	26.63	-	-
100	13.65	35.48	26.69	-	-

Station - A -

Date : 8.1.72 Heure : 05h.50
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.11	35.53	25.91	-	-
5	17.05	35.55	25.94	-	-
10	16.86	35.54	25.98	-	-
20	15.74	35.52	26.23	-	-

Station - A -

Date : 11.1.72

Heure : 20h.20

Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	-	35.55	-	-	-
5	17.52	35.54	25.81	-	-
10	17.17	35.54	25.90	-	-
20	15.69	35.51	26.23	-	-

Station - B -

Date : 15.1.72

Heure : 09h.00

Fonds : 105 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	19.42	35.68	25.44	4.15	79
10	19.36	35.69	25.46	4.15	79
20	19.34	35.69	25.47	4.12	78
30	18.86	35.68	25.69	3.58	68
50	16.08	35.57	26.19	1.64	29
75	15.17	35.51	26.35	1.46	26
100	14.54	35.46	26.44	1.50	26

Station - B -

Date : 11.1.72

Heure : 22h.30

Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.46	35.62	25.65	-	-
10	18.46	35.61	25.64	-	-
20	16.76	35.60	26.05	-	-
30	16.31	35.58	26.14	-	-
50	14.90	35.50	26.40	-	-
75	14.86	35.48	26.39	-	-
100	13.91	35.62	26.71	-	-

Station - A -

Date : 15.1.72

Heure : 10h.40

Fonds : 30 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.44	35.57	25.86	5.26	97
5	17.34	35.57	25.89	5.28	97
10	17.25	35.57	25.91	5.03	92
20	16.15	35.55	26.16	2.25	40
25	16.14	35.54	26.15	1.74	31

Station - A -

Date : 17.1.72 Heure : 14h.05
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.52	35.58	25.84	-	-
5	17.55	35.59	25.85	-	-
10	16.68	35.57	26.05	-	-
20	16.28	35.551	26.12	-	-

Station - A -

Date : 24.1.72 Heure : 20h.10
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.78	35.67	26.10	-	-
10	16.49	35.58	26.09	-	-
20	15.17	35.61	26.42	-	-

Station - B -

Date : 17.1.72 Heure : 15h.35
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.14	35.66	25.75	-	-
10	18.01	35.66	25.79	-	-
20	17.88	35.66	25.82	-	-
30	17.55	35.64	25.89	-	-
50	15.12	35.51	26.36	-	-
75	14.40	35.44	26.46	-	-
100	14.15	35.44	26.51	-	-

Station - B -

Date : 24.1.72 Heure : 21h.35
Fonds : 10.3 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.32	35.71	25.99	-	-
10	17.30	35.65	25.95	-	-
20	15.81	35.57	26.25	-	-
30	15.76	35.67	26.34	-	-
50	14.66	35.49	26.44	-	-
75	14.08	35.51	26.58	-	-
100	14.06	35.42	26.51	-	-

Station - A -

Date : 26.1.72 Heure : 9h.40
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.06	35.56	25.95	-	-
1.0	14.86	35.52	26.42	-	-
25	14.59	35.47	26.45	-	-

Station - A -

Date 31.1.72 Heure : 21h.00
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.18	35.52	26.13	-	-
10	15.98	35.61	26.24	-	-
20	15.32	35.59	26.37	-	-

Station - B -

Date : 26.1.72 Heure : 5h.00
Fonds : 103

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.35	35.70	25.98	-	-
10	17.31	35.65	25.95	-	-
20	17.12	35.63	25.98	-	-
30	15.64	35.57	26.29	-	-
50	14.61	35.48	26.44	-	-
75	13.85	35.49	26.61	-	-
100	13.77	35.46	26.60	-	-

Station - B -

Date : 31.1.72 Heure : 22h.30
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.35	35.69	25.72	-	-
10	18.23	35.67	25.74	-	-
20	18.07	35.65	25.71	-	-
30	17.41	35.62	25.91	-	-
50	14.69	35.48	26.42	-	-
75	14.35	35.47	26.50	-	-
100	14.22	35.44	26.50	-	-

Station - A -

Date : 10.2.72 Heure : 11h.30
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.12	35.28	25.92	-	-
10	15.73	35.49	26.20	-	-
20	14.94	35.48	26.37	-	-

Station - B -

Date : 10.2.72 Heure : 16h.45
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.04	35.58	26.20	-	-
10	15.68	35.57	26.28	-	-
20	15.23	35.60	26.40	-	-
30	14.81	35.52	26.43	-	-
50	15.07	35.51	26.37	-	-
75	14.45	35.47	26.48	-	-
100	13.76	35.39	26.56	-	-

Station - A -

Date : 14.2.72 Heure : 23h.30
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	-	35.49	-	-	-
10	15.05	35.49	26.36	-	-
20	14.45	35.45	26.46	-	-

Station - B -

Date : 15.2.72 Heure : 2h.00
Fonds : 103 m

Prof*	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.85	35.54	25.49	-	-
10	16.21	35.55	26.14	-	-
20	15.41	35.51	26.30	-	-
30	15.41	35.52	26.30	-	-
50	14.38	35.46	26.48	-	-
75	14.19	35.44	26.50	-	-
100	13.88	35.43	26.55	-	-

Station - A -

Date : 21.2.72
Fonds : 25 m

Heure : 22h.00

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.91	35.47	26.15	-	-
10	15.45	35.47	26.26	-	-
20	14.72	35.47	26.42	-	-

Station - B -

Date : 26.2.72
Fonds : 103 m

Heure 4h.40

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.57	35.49	26.23	-	-
10	15.57	35.49	26.23	-	-
20	15.51	35.39	26.25	-	-
30	15.17	35.49	26.33	-	-
50	14.79	35.47	26.40	-	-
75	13.70	35.41	26.58	-	-
100	13.38	35.35	26.60	-	-

Station - B -

Date : 21.2.72
Fonds : 103 m

Heure : 23h.45

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	14.48	35.55	26.52	-	-
10	16.36	35.55	26.11	-	-
20	14.93	35.50	26.39	-	-
30	14.48	35.46	26.46	-	-
50	14.28	35.44	26.48	-	-
75	13.97	35.42	26.53	-	-
100	13.69	35.38	26.56	-	-

Station - A -

Date : 26.2.72
Fonds : 25 m

Heure 6h.10

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.82	35.47	26.17	-	-
10	15.77	35.46	26.17	-	-
20	14.44	35.46	26.47	-	-

Station - B -

Date : 29.2.72 Heure 12h.00
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.20	35.50	26.33	-	-
10	15.19	35.50	26.34	-	-
20	14.88	35.49	26.39	-	-
30	14.49	35.46	26.46	-	-
50	14.41	35.46	26.48	-	-
75	13.93	35.41	26.53	-	-
100	13.61	35.39	26.59	-	-

Station - A -

Date : 29.2.72 Heure : 13h.00
Fonds : 25 m.

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.37	35.47	26.27	-	-
10	15.30	35.45	26.27	-	-
20	14.69	35.44	26.38	-	-

Station - A -

Date : 6.3.72 Heure : 21h.35
Ponds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	14.59	35.41	26.39	-	-
10	14.66	35.40	26.37	-	-
20	14.67	35.35	26.35	-	-

Station - B -

Date : 6.3.72 Heure : 22h.40
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.39	35.48	26.27	-	-
10	15.17	35.48	26.32	-	-
20	15.05	35.46	26.34	-	-
30	15.09	35.46	26.33	-	-
50	14.18	35.43	26.49	-	-
75	13.96	35.41	26.53	-	-
100	13.15	35.38	26.67	-	-

Station -- 3 --

Date : 13.3.72
Fonds : 103 m

Heure : 22h.40

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.89	35.65	26.06	-	-
10	16.75	35.65	26.09	-	-
20	16.52	35.52	26.04	-	-
30	15.30	35.51	26.32	-	-
50	14.65	35.48	26.43	-	-
75	14.25	35.45	26.50	-	-
100	13.46	35.37	26.60	-	-

Station -- B --

Date : 25.3.72
Fonds : 110 m

Heure : 18h.00

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.30	35.55	25.63	5.47	102
10	17.79	35.55	25.76	5.61	104
20	17.62	35.51	25.79	5.28	97
30	16.53	35.52	26.04	4.96	89
50	15.27	35.46	26.28	3.31	58
75	14.57	35.47	26.42	1.71	30
90	14.39	35.44	26.46	1.71	30

Station -- A --

Date : 10.3.72
Fonds : 25 m

Heure : 23h.40

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.91	35.40	26.09	-	-
10	14.79	35.37	26.32	-	-
20	14.65	35.40	26.37	-	-

Station -- A --

Date : 30.3.72
Fonds : 25 m

Heure : 10h

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	15.90	35.44	26.12	5.20	93
10	15.50	35.44	26.21	2.46	43
20	14.43	35.43	26.44	2.20	40

Station - A -

Date : 7.4.71 Heure : 10h.00
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.17;	35.28;	25.70;	4.41	80
10	15.29;	35.47;	26.29;	2.15	38
20	14.35;	35.46;	26.36;	1.47	27

Station - A -

Date : 21.4.72 Heure : 20h. 15
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	16.60;	35.48;	25.99;	4.15	75
5	16.67;	35.48;	25.97;	-	-
20	15.42;	35.46;	26.25;	-	-
25	14.45;	35.43;	26.44;	2 . 2 2	38

Station - B -

Date : 14.4.72 Heure : 6h.30
Fonds : 105 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
5	18.04;	35.51;	25.68;	4.37	92
10	18.03;	35.50;	25.67;	4.87	91
20	17.90;	35.50;	25.70;	4.68	87
30	16.45;	35.53;	26.06;	2.62	47
50	15.27;	35.49;	26.30;	1.78	31
75	14.93;	35.48;	26.37;	1.43	25
92	14.45;	35.45;	26.46;	1.40	24

Station - B -

Date : 21.4.72 Heure : 22h.10
Fonds : 105

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.05;	35.52;	25.92;	4.50	82
10	16.93;	35.51;	25.94;	3.00	54
20	16.27;	35.50;	26.08;	-	-
30	14.90;	35.48;	26.38;	-	-
50	14.95;	35.46;	26.36;	2.67	47
75	14.17;	35.42;	26.48;	-	-
100	13.27;	35.33;	26.61;	1.30	30

Station - A. -

Date : 8.5.72
Fonds : 25 m

Heure : 8h.15

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.40	35.49	25.81	-	-
10	16.86	35.49	25.95	-	-
20	16.32	35.52	26.09	-	-

Station - B -

Date : 17.5.72
Fonds : 103 m

Heure : 4h.40

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.94	35.57	25.49	4.37	83
10	18.97	35.59	25.4	4.20	80
20	18.58	35.60	25.60	3.27	61
30	18.93	35.58	25.49	4.69	87
50	18.4	35.62	25.53	4.28	81
75	16.44	35.54	26.07	1.72	3-1
95	14.76	35.45	26.39	1.63	28

Station - B -

Date : 8.5.72
Fonds : 103 m

Fleura : 9h.30

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	17.93	35.54	25.71	-	-
10	17.16	35.53	25.90	-	-
20	16.76	35.55	26.01	-	-
30	15.97	35.53	26.17	-	-
50	15.73	35.52	26.23	-	-
75	15.50	35.51	26.27	-	-
95	14.58	35.44	26.41	-	-

Station - A -

Date : 17.5.72
Fonds : 25 m

Heure : 6h.30

Prof.	T°	s ‰	SigmaT	O ₂ ml/l	% O ₂
1	18.01	35.55	25.71	3.30	61
5	17.89	35.54	25.73	2.57	48
10	16.90	35.54	25.96	-	-

Station - B -

Date : 20.5.72 Heure 2h.25
Fonds : 103 m :

Prof.	T°	S ‰	SigmaT:0	2ml/1	% O ₂
1	19.77	35.58	25.28		
10	19.71	35.58	25.30	4.54	87
20	18.70	35.58	25.35	3.38	64
30	16.95	35.55	25.96	1.30	24
50	16.21	35.52	26.12	-	-
75	14.62	35.46	26.43	-	-
100	14.13	35.44	26.51	1.57	27

Station - B -

Date : 23.5.72 Heure 10h.25
Fonds : 103 m

Prof.	T°	S ‰	SigmaT:0	2ml/1	% O ₂
1	18.85	35.70	25.61	-	-
10	-	35.73	-	-	-
20	17.46	35.70	25.95	-	-
30	16.56	35.71	26.18	-	-
50	15.97	35.63	26.25	-	-
75	15.45	35.62	26.37	-	-
100	13.86	35.55	26.66	-	-

Station - A -

Date : 20.5.72 Heure : 7h15
Fonds : 25 m

Prof.	T°	S ‰	SigmaT:0	2ml/1	% O ₂
1	18.53	35.55	25.57	4.07	76
10	17.93	35.56	25.73	2.50	46
20	17.62	35.57	25.82	1.70	31

Station - A -

Date : 29.5.72 Heure : 21h.05
Fonds : 25 m

Prof.	T°	S ‰	Sigma-T	O ₂ ml/l	% O ₂
1	22.83	35.66	24.50	4.87	99
10	20.67	35.57	25.04	6.89	138
20	19.36	35.56	25.37	5.84	111

Station - B -

Date : 29.5.72 Heure : 22h.15
Fonds : 10.3 m

Prof.	T°	S ‰	Sigma-T	O ₂ ml/l	% O ₂
1	23.02	35.69	24.46	4.88	100
10	22.09	35.67	24.72	3.65	95
20	19.49	35.61	25.39	2.90	44
30	18.84	35.58	25.51	2.33	44
50	17.50	35.58	25.85	1.39	26
70	16.93	35.57	25.98	1.32	24
83	15.15	35.48	26.33	1.30	23

Station - A -

Date : 1.6.72 Heure 20h.00
Fonds 25 m

Prof.	T°	S ‰	Sigma-T	O ₂ ml/l	% O ₂
1	-	35.60	-	-	-
10	22.27	35.61	24.63	-	-
20	21.10	35.61	24.95	-	-

Station - B -

Date : 1.6.72 Heure : 21h.15
Fonds : 103 m

Prof.	T°	S ‰	Sigma-T	O ₂ ml/l	% O ₂
1	25.44	35.78	23.82	-	-
10	25.46	35.81	23.83	-	-
20	23.93	35.72	24.23	-	-
30	20.95	35.61	25.00	-	-
50	20.06	35.59	25.21	-	-
75	17.98	35.57	25.73	-	-

Station -- B --

Date : 3.6.72 Heure : 00h.30
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	22.78	35.68	24.53	4.93	100
10	22.72	35.68	24.54	4.93	100
20	22.57	35.67	24.58	4.86	99
30	21.79	35.65	24.79	4.42	88
50	19.99	35.60	25.25	2.53	49
70	18.95	35.58	25.49	1.52	29
80	17.44	35.55	25.84	1.40	26

Station -A -

Date : 3.6.72 Heure : 2h.00
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	22.43	35.66	24.61	4.57	93
10	21.04	35.62	24.98	2.85	76
20	20.23	35.60	25.18	3.34	65

station -- A --

Date : 6.6.72 Heure : 9h.45
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	21.87	35.62	24.75	4.04	81
10	21.15	35.60	24.93	3.72	74
20	20.37	35.59	25.13	2.71	57

Station -- B --

Date : 7.6.72 Heure : 9h.10
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	20.37	35.64	25.17	4.15	81
10	20.75	35.61	25.05	3.12	61
20	19.94	35.60	25.26	2.36	46

Station - A -

Date : 23.6.72 Heure : 9h.30
Fonds : 25 m

Prof.	T°	S ‰	Sigmat	T:O ₂ ml/l	% O ₂
1	24.88	35.73	23.95	-	-
10	24.18	35.72	24.16	-	-
20	23.61	35.71	24.32	-	-

Station - A -

Date : 29.6.72 Heure : 7h.30
Fonds : 25 m

Prof.	T°	S ‰	Sigmat	T:O ₂ ml/l	% O ₂
1	25.86	35.79	23.69	-	-
10	25.89	35.80	23.69	-	-
20	25.14	35.74	23.88	-	-

Station - B -

Date : 29.6.72 Heure : 8h.30
Fonds : 103 m

Prof.	T°	S ‰	Sigmat	T:O ₂ ml/l	% O ₂
1	26.77	35.95	23.53	-	-
10	26.77	35.84	23.45	-	-
25	25.28	35.75	23.84	-	-
50	20.55	35.64	25.12	-	-
75	16.95	35.55	25.96	-	-
100	15.67	35.51	26.23	-	-

Station - A -

Date : 5.7.72
Fonds : 25 m

Heure : 9h.15

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	24.99	35.76	23.94	-	-
10	24.38	35.73	24.10	-	-
20	23.35	35.69	24.36	-	-

Station - A -

Date : 18.7.72
Fonds : 25 m

Heure : 7h.40

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	25.91	35.75	23.65	-	-
10	25.62	35.75	23.73	-	-
20	24.47	35.72	24.07	-	-

Station - B -

Date : 12.7.72
Fonds : 25 m

Heure : 9h.20

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	25.20	35.75	23.87	-	-
5	25.20	35.76	23.88	-	-
10	24.94	35.74	23.94	-	-
20	23.69	35.70	24.28	-	-

Station - B -

Date : 18.7.72
Fonds : 103 m

Heure : 9h.00

Prof.	T°	S ‰	SigmaT:C	2ml/1	‰ O ₂
1	27.86	35.80	23.06	-	-
10	27.36	35.80	23.22	-	-
25	27.51	35.80	23.17	-	-
50	20.38	35.64	25.17	-	-
75	16.24	35.62	26.19	-	-

Station - A -

Date : 26.7.72 Heure : 8h.35
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	27.59	35.81	23.15	-	-
10	27.03	35.73	23.32	-	-
20	26.96	35.77	23.33	-	-

Station - A -

Date : 2.8.72 Heure : 10h. 15
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	27.05	35.81	23.33	-	-
10	27.00	35.80	23.34	-	-
20	24.40	35.80	24.14	-	-

Station - A -

Date : 10.8.72 Heure : 7h.50
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	27.40	35.89	23.28	-	-
10	27.20	35.91	23.32	-	-
20	25.80	35.86	23.77	-	-

Station - B -

Date : 10.8.72 Heure : 11h.15
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
P - S	-	-	-	-	-
1	28.20	35.73	22.89	-	-
10	28.20	35.95	23.06	-	-
25	24.20	35.70	24.13	-	-
50	19.20	35.07	25.80	-	-
75	15.60	35.54	26.27	-	-
100	14.60	35.49	26.45	-	-

Station - A -

Date : 19.8.72
Fonds : 25 m

Heure : 8h.

Prof.	T°	s \$0	SigmaT:0	2ml/1	% O ₂
1	28.11	35.83	23.0-t;	-	-
10	28.14;	35.83;	23.00	-	-
20	27.98;	35.82;	23.03;	-	-

Station - A -

Date : 26.8.72
Fonds : 25 m

Heure : 7h.40

Prof.	T°	S %	SigmaT:0	2ml/1	% O ₂
1	28.44	35.86	22.92	-	-
10	28.43	35.86	22.92	-	-
20	28.40	35.86	22.93	-	-

Station - B -

Date : 26.8.72
Fonds : 103 m

Heure : 8h.55

Prof.	T°	S %	SigmaT:0	2ml/1	% O ₂
1	28.52	35.83	22.86	-	-
10	28.53	35.83	22.86	-	-
20	28.37	35.83	22.92	-	-
30	27.19	35.83	23.31	-	-
50	23.28;	35.70	24.40	-	-
75	17.60	35.65	225.88	-	-
95	15.76	35.57	226.227	-	-

Station - A -

Date : 1.9.72
Fonds : 25 m

Heure : 821.50

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	28.49	35.82	22.87	-	-
10	28.52	35.82	22.85	-	-
20	28.48	35.82	22.87	-	-

Station - B -

Date : 2.9.72
Fonds : 103 m

Heure 17h.35

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	28.61	35.42	22.52	-	-
10	28.56	35.41	22.53	-	-
20	28.22	35.42	22.64	-	-
30	26.40	35.58	23.40	-	-
50	25.02	35.64	23.84	-	-
75	17.85	35.59	25.78	-	-
100	14.71	35.45	26.40	-	-

Station - A -

Date : 9.9.72
Fonds : 25 m

Heure : 19h.00

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	28.25	35.72	22.76	-	-
10	28.18	35.73	22.90	-	-
20	27.11	35.76	23.23	-	-

Station - A -

Date : 19.9.72
Fonds : 25 m

Heure : 19h.

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	28.90	35.66	22.63	4.28	37
10	28.91	35.74	22.67	4.22	96
20	28.66	35.78	22.78	3.60	82

Station - A -

Date : 22.9.72
Fonds 25 m

Heure : 22h.05

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	28.92	35.72	22.65	4.40	100
10	28.92	35.72	22.65	4.31	y8
20	28.51	35.71	22.78	3.71	84

Station - B -

Date : 22.9.72
Fonds : 103 m

Heure : 23h.20

Prof.	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
1	28.52	35.59	22.66	4.25	96
10	28.24	35.61	22.80	4.03	91
20	26.79	35.67	23.31	3.43	75
30	25.79	35.67	23.62	3.32	71
50	21.05	35.66	25.00	3.23	64
75	15.12	35.49	26.34	1.18	21
100	14.60	35.49	26.45	1.40	24

Station - A -

Date : 3.10.72 Heure : 23h.30
Fonds : 25 m

Prof.	T°	S /o	SigmaT	O ₂ ml/l	% O ₂
1	26.83	35.60	23.24	4.49	98
10	26.83	35.60	23.24	4.44	97
20	26.78	35.62	23.28	4.21	92

Station - B -

Date : 9.10.72 Heure : 4h.05
Fonds : 25 m

Prof.	T°	S /o	SigmaT	O ₂ ml/l	% O ₂
1	27.94	35.50	22.81	-	-
5	27.99	35.51	22.80	-	-
10	27.69	35.54	22.92	-	-
20	27.11	35.6-I	23.17	-	-

Station - A -

Date : 23.10.72 Heure : 22h.52
Fonds : 25 m

Prof.	T°	S %	SigmaT	O ₂ ml/l	pO ₂
1	28.70	35.49	22.55	-	-
10	27.93	35.51	22.82	-	-
20	21.61	35.57	24.86	-	-

Station - A -

Date : 27.10.72 Heure : 15h.00
Fonds : 25 m

Prof.	T°	S %	SigmaT	O ₂ ml/l	pO ₂
1	27.65	35.57	22.96	-	-
10	25.16	35.50	23.69	-	-
20	21.01	35.56	24.94	-	-

Station - A -

Date : 22~1.72 Heure : 7h55
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	pO ₂
1	24.73	35.38	23.73	-	-
10	24.79	35.38	23.71	-	-
20	24.59	35.44	23.81	-	-

Station - B -

Date : 21.11.72 Heure : 9h.15
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	pO ₂
1	25.72	35.26	23.34	-	-
10	25.69	35.27	23.35	-	-
20	23.19	35.13	23.99	-	-
30	20.37	35.59	25.13	-	-
50	16.43	35.52	26.06	-	-
75	16.23	35.54	26.12	-	-
100	14.92	35.45	26.36	-	-

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- RELEVES HYDROLOGIQUES EFFECTUES A BORD
DU LAURENT AMARO

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S O R T I E : Prospection Sompat - 72.01

Date	Positions		Sonde (m)	Heure	Prof.	T°	s %	SigmaT
	Lat.	Long.						
4.1.72	13.45'N	16.56'W	15	08H20	1	20.42	35.60	25.12
					15	18.54	35.55	25.57
4.1.72	13.48'N	16.52'W	10	09H45	1	20.66	35.66	25.10
					10	20.64	35.66	25.11
4.1.72	13.46'N	16.45.5-e-f	5	10H45	5	22.01	36.03	25.02
4.1.72	13.44'N	16.47'W	7	12H25	1	22.11	35.91	24.90
					7	21.90	35.91	24.96
4.1.72	13.37'N	16.44'W	6	13H50	1	23.15	35.82	24.53
					5	22.72	35.86	24.68
4.1.72	13.33'N	16.42.5'W	6	15H10	1	23.00	35.037	24.23
					6	22.55	35.41	24.40
4.1.72	13.28.5'N	16.49'W	7	16H35	1	22.81	35.83	24.065
					7	22.15	35.83	24.83
4.1.72	13.25'N	16.55'W	1 1	17H50	1	22.51	35.60	24.55
					11	13.57	35.56	25.32
4.1.72	13.12'N	16.52'W		20H30	1	22.82	35.61	24.47
					7	22.82	35.61	24.47
5.1.72	12.37'N	16.50'W	6	07H30	1	23.26	35.51	24.27
					5	23.26	35.50	24.26
5.1.72	12.37'N	16.57'W	7	09H05	1	23.32	35.035	24.12
					Y	23.32	35.35	24.12

SORTIE : Prospection Sompat - 72.01 (suite)

Date	Positions		Sonde (m)	Heure	Prof	T°	S %	SigmaT
	Lat.	Long.						
5.1.72	12.41'N	17.03'W	12	10H55	1	23.40	35.38	24.12
					11	23.43	35.39	24.12
5.1.72	12.48'N	17.09'W	20	13H10	1	22.81	35.44	24.35
					20	20.57	35.45	24.97
5.1.72	12.53'N	16.57'W	12	15H10	1	22.81	35.46	24.37
					12	22.71	35.48	24.40
5.1.72	13.00'N	16.53'W	y	17H20	1	22.89	35.44	24.32
					Y	22.89	35.47	24.35
5.1.72	13.05.5'N	16.55'W	11	19H	1	21.32	35.47	24.62
					11	20.48	35.49	25.03
6.1.72	13.51'N	16.51'W	y	08H15	1	21.54	36.03	25.15
					8	21.54	36.05	25.16
6.1.72	13.51'N	16.51'W	10	22H15	1	21.03	35.69	25.02
					10	20.89	35.69	25.06
7.1.72	13.51'N	16.51'W	10	10H00	1	21.52	35.68	24.87
					9	20.73	35.67	25.09
7.1.72	14.03'N	17.00'W	13	22H07	1	17.35	35.57	25.89
m - s					13	17.11	35.56	25.94

SORTIE : Chalut age = 72.04

Date	Positions		Sonde (m)	Heure	Prof.	Secchi (m)	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.									
22.2.72	15.40'N	16.41'W	20	10H10	1	3	15.58	35.54	26.27	2.54	45
					20		14.64	35.5	26.46	1.04	18
22.2.72	15.42.5'N	16.48'W	50	13H00	1	6	15.69	35.54	26.25	2.28	40
					50		14.47	35.49	26.48	1.12	19
22.2.72	15.43.5'N	16.55.5'W	100	17H00	1	4	16.54	35.60	26.10	4.15	75
					100		13.46	35.38	26.61	1.49	25
22.2.72	15.47'N	16.58'W	200	19H00	1	7	17.52	35.74	25.96	3.60	66
					200		12.91	35.34	26.69	1.33	22
23e2.72	17.40'N	16.06'	10	12H00	1	2	17.52	35.95	26.12	-	-
					10		16.72	35.90	26.28	3.54	64
23.2.72	17.40'N	16.14'W	50	15H20	1	4	16.25	35.56	26.14	4.71	85
					50		13.88	35.48	26.59	1.13	19
23.2.72	17.44'N	16.27'W	100	18H35	1	5	16.14	35.58	26.18	4.15	74
					100		13.32	35.40	26.66	1.17	20
23.2.72	17.43'N	16.34'W	200	19H45	1	10	17.43	35.86	26.08	3.63	67
					200		13.41	35.45	26.68	1.42	24
24.2.72	18.40'N	16.15'	13	08H30	1	4	14.93	35.60	26.46	2.95	51
					13		14.90	35.59	26.46	3.07	54
24.2.72	18.35'N	16.24'W	50	10H20	1	7	15.08	35.58	26.41	2.74	48
					50		13.34	35.51	26.74	1.84	31
24.2.72	18.35'N	16.31'W	100	12H30	1	9	16.04	35.66	26.26	3.16	56
					100		13.87	35.51	26.62	1.46	25

S O R T I E : Chalutage - 72.04 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	Secchi (m)	T°	S ‰	SigmaT°	σ _t	ml/l	‰ O ₂
	Lat.	Long.										
24.2.72	18.33'N	16.37'W	200	14H30	1	11	16.52	35.70	26.17	3.10		56
					200		12.77	35.59	26.92	1.37		23
25.2.72	16.41'N	16.31'W	20	14H15	1	3	15.60	35.53	26.26	2.60		49
					20		14.32	35.50	26.53	1.82		25
25.2.72	16.44'N	16.37'W	50	12H45	1	4	15.61	35.52	26.26	5.19		57
					50		14.21	35.49	26.54	1.24		28
25.2.72	16.46'N	16.42'W	100	10H45	1	8	16.08	35.67	26.26	3.19		92
					100		13.65	35.42	26.59	1.64		21
25.2.72	16.48'N	16.44'W	200	08H50	1	11	16.88	35.79	26.16	2.69		46
					200		13.40	35.44	26.67	1.50		31
26.2.72	14.30'N	17.10'W	30	13H50	1	10	16.60	35.50	26.01	2.60		47
					30		14.34	35.45	26.48	1.33		26
26.2.72	14.21'N	17.20'W	50	15H45	1	9	15.91	35.49	26.16	2.99		53
					50		14.11	35.43	26.51	0.90		15
26.2.72	14.15'N	17.29'W	100	18H15	1	10	16.54	35.57	26.08	3.24		58
					96		13.95	35.41	25.53	0.62		11
26.2.72	14.15'N	17.32'W	200	20H00	1	14	16.44	35.59	26.11	1.91		34
					200		13.52	35.78	26.91	0.84		14

SORTIE : Chalutage - 72.04 (suite)

Date	Positions		Sonde (m)	Heure	Prof. (m)	Secchi (m)	T°	S ‰	SigmaT	O ₂ ml/l	‰ O ₂
	Lat.	Long.									
27.2.72	13.40'N	16.49'W	10	08H15	1	2	18.06	35.51	25.67	3.94	73
"					10		17.93	35.50	25.69	3.53	65
"	13.38'N	17.01'W	20	10H30	1	6	15.78	35.51	26.21	4.43	79
					20		15.56	35.52	26.27	2.92	52
"	13.40'N	17.14'W	50	12H45	1	Y	16.06	35.51	26.15	3.80	68
					48		14.43	35.45	26.46	1.28	21
"	13.40'N	17.27'W	200	20H00	1	11	16.51	35.56	26.08	2.66	48
					200		13.17	35.34	26.64	-	-
28.2.72	12.24'N	16.51'W	10	08H15		1	16.09	35.74	26.31	-	-
					10		16.31	35.59	26.15	-	-
28.2.72	12.20'N	17.02'W	20	10H45	1	2	18.77	35.56	25.52	-	-
					20		17.03	35.57	25.96	-	-
28.2.72	12.14'N	17.13'W	50	13H30	1	4	18.21	35.55	25.66	5.54	103
					50		14.39	35.46	26.48	1.39	24
28.2.72	12.11'N	17.19'W	100	14H50	1	4	17.87	35.56	25.75	2.91	54
					100		16.49	35.46	26.01	1.54	28
28.2.72	12.10'N	17.22'W	200	16H45	1	6	17.57	35.54	25.80	-	-
"					200		13.10	35.32	26.63	1.09	18

S O I I T I E : Chalutage - 72.05

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
13.5.72	15.40'N	16.41'W	20	09H15	1	16.39	35.54	26.09
					20	16.39	35.54	26.09
13.5.72	15.42.5'N	16.48'W	50	11H45	1	18.07	35.55	25.60
					50	15.61	35.52	26.26
13.5.72	15.43.5'N	16.55'W	10	14H45	1	19.58	35.55	25.31
					100	14.32	35.44	26.48
13.5.72	16.47'N	16.58'W	150	16H45	1	19.49	35.54	25.33
					150	13.76	35.38	26.55
14.5.72	17.39'N	16.07'W	10	08H00	1	18.35	36.43	26.29
						18035	36.43	20.23
14.5.72	17.40'N	16.14'W	50	10H30	1	16.80	35.66	26.09
					50	14.07	35.42	26.50
14.5.72	17.42'N	16.27'W	100	12H45	1	17.49	35.58	25.85
					100	14.37	35.40	26.43
14.5.72	17.45'N	16.34'W	200	15H00	1	17.60	35.52	25.70
					200	12.82	35.34	26.71
15e5.72	18.38'N	16.15'W	12	08H30	1	17.86	35.65	25.81
					12	14.50	35.58	26.48
15.5.72	18.37'N	16.24'W	50	11H45	1	16.76	35.50	25.08
					50	13.32	35.33	26053

S O R T I E : Chalutage - 72.09 (suite)

Date	Positions		Sonde	Heure	Prof.	T°	S %	Signal
15.5.72	18.33'N	16.30'W	100	14H15	1	16.84	35.50	25.96
					100	14.00	35.41	26.52
15.5.72	18.33'N	16.37'W	200	16H15	1	17.40	35.45	25.75
					200	13.46	35.38	26.60
16.5.72	16.48'N	16.46'W	200	08H15	1	17.22	35.51	25.76
					200	15.63	35.39	26.15
16.5.72	16.46'N	16.42'W	100	10H30	1	17.54	35.55	25.82
					100	14.25	35.43	26.48
16.5.72	16.44'N	16.37'W	50	13H30	1	17.51	35.53	25.77
						14.97	35.46	26.35
16.5.72	16.41'N	16.31'W	20	15H00	1	17.82	35.53	25.73
					20	15.06	35.46	26.34
17.5.72	14.30'N	17.10'W	20	12H00	1	17.72	35.55	25.77
					20	15.99	35.55	25.95
17.5.72	14.19'N	17.19'W	50	14H40	1	19.60	35.58	25.32
					50	17.46	35.57	25.86
17.5.72	14.15'N	17.29'W	100	17H20	1	20.26	35.58	25.15
					100	16.17	35.55	26.15
17.5.72	14.15'N	17.32'W	200	19H15	1	20.54	35.58	25.07
					200	11.56	35.25	26.81

SORTIE : Chalutage - 72.09 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	s %	SigmaT
	Lā-t.	Long.						
13.5.72	12.24'N	16.50'W	10	08H30	1	23.57	35.31	24.02
					10	23.59	35.32	24.01
18.5.72	12.20'N	17.02'W	20	12H20	1	21.80	35.57	24.73
					20	20.37	35.157	25.12
18.5.72	12.14'N	17.13'W	59	14H50	1	21.91	35.59	24.72
					50	19.13	35.58	25.44
18.5.72	12.11'N	17.18'W	100	17H20	1	22.10	35.60	24.67
					100	20.05	35.59	25.22
18.5.72	12.10'N	17.22'W	200	19H25	1	20.36	35.61	25.15
					200	12.09	35.29	26.81
19.5.72	13.38'N	16.48.5'W	10	09H40	1	20.77	35.55	24.73
					10	20.60	35.55	25.02
19.5.72	13.40'N	17.00'W	20	1	18.70	35.53	25.51	
					20	18.08	35.53	25.67
19.5.72	13.38'N	17.14'W	50	14H25	1	19.60	35.57	25.30
					50	17.77	35.54	25.75
19.5.72	13.40'N	17.28'W	100	18H25	1	21.75	35.66	24.81
					100	10.11	35.32	26.63

SORTIE : Prospection Sompat '72.11

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
30.5.72	14.00'N	17.06'W	30	07H15	1	22.91	35.67	24.49
					10	22.50	35.6	24.60
					30	19.45	35.58	25.37
30.5.72	14.00'N	16.54'W	15	08H45	1	22.65	35.57	24.49
					5	22.27	35.057	24.60
					10	21.90	35.58	24.71
30.5.72	14.00'N	16.48'W	5	09H50	1	24.50	35.71	24.05
					5	24.46	35.70	24.05
30.5.72	13.53'N	16.48'W	6	11H50	1	24.86	35.63	23.88
					6	23.82	35.63	24.19
30.5.72	13.53'N	16.56'W	15	1W55	1	23.86	35.55	24.12
					5	22.28	35.56	24.59
					10	21.99	35.57	24.67
30.5.72	13.53'N	17.05'W	30	14H10	1	23.07	35.62	24.41
					10	21.22	35.53	24.90
					30	19.82	35.054	25.23
30.5.72	13.46'N	17.05'W	30	15H25	1	23.20	35.58	24.33
					10	21.97	35.61	24.72
					30	20.93	35.56	24.96
30.5.72	13.45'N	16.50'W	10	18H20	1	24.47	35.71	24.06
					5	24.27	35.73	24.13
					10	23.60	35.73	24.33

SORTIE : Prospection Sompat 72.11

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
30.5.72	13.46'N	16.46'W	5	21H30	1	24.61	35.93	24.19
					5	24.63	35.96	24.20
31.5.72	13.39'N	16.43'W	5	09H00	1	24.95	36.40	24.43
					5	25.02	36.41	24.41
31.5.72	13.39'N	16.48'W	10	09H40	1	25.01	35.71	23.90
					5	23.70	35.70	24.28
	u	e			10	23.71	35.70	24.28
31.5.72	13.39'N	17.05'W	30	11H45	1	22.80	35.53	24.31
					10	22.16	35.61	24.66
					20	21.89	35.060	24.73
31.5.72	13.32'N	17.05'W	30	12H30	1	22.89	35.64	24.47
					10	22.22	35.62	24.65
					29	21.99	35.60	24.71
31.5.72	13.32'N	16.51'W	15	15H10	1	24.09	35.68	24.14
					5	24.02	35.68	24.16
					10	23.82	35.67	24.22
31.5.72	13.32'N	16.40'W	5	16H50	1	25.91	37.32	24.84
					5	25.30	37.33	24.88
31.5.72	13.25'N	16.51'W	10	19H05	1	24.53	35.96	24.23
					10	24.55	35.997	24.23

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SORTIE : Prospection Sompat 72.11

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.-	Long.						
1.6.72	13.35'N	16.38'	8	12H15	1	26.10	37.74	25.10
					8	25.90	37.46	24.94
2.6.72	14.21'N	17.02'W	10	21H30	22.29		35.66	24.65
					10	21.83	35.62	24.76
					m - s			

SORTIE : Plancton 72.12

Date'	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
1.6.72	13.39'N	16.43.5'W	5		1	25.99	35.8~1	23.67
	13.36'N	16.39.5'W	7		1	26.09	35.83	23.66
	13.41.5'W	16.45'W	5		1	26.61	35.86	23.52
	13.43'N	16.47'W	8		1	26.96	35.86	23.40
	13.48'N	16.48'W	8		1	25.62	35.80	23.77
2.6.72	13.51'N	16.47.5'W	9 10		1	24.81	35.65	23.91
	13.53'N	16.54'W	15		1	25.76	35.60	23.58
	13.55.5'N	16.51'W	10		1	25.16	35.65	23.80

SORTIE : Plancton, 72.13

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
29.6.72	14.40'N	17.50'W	500	11H00	1	27.56	35.89	23.22
"	14.25'N	17.50'W	500	12H00	1	27.56	35.89	23.22
	14.10'N	17.45'W	500	15H00	1	26.50	35.92	23.59
	13.55'N	17.41'W	500	17H00	1	27.59	35.91	23.23
	13.55'N	17.26'W	200	18H45	1	27.63	35.89	23.20
	13.55'N	17.10'W	38	20H45	1	27.09	35.79	23.30
30.6.72	13.55'N	16.55'W	10	06H15	1	27.58	36.10	23.37
	14.10'N	17.00'W	10	08H15	1	26.78	35.76	23.038
	14.10'N	17.15'W	44	10H15	1	26.67	35.82	23.47
	14.10'N	17.30'W	200	12H15	1	27.36	35.89	23.29
	14.25'N	17.35'W	200	14H15	1	27.68	35.89	23.18
	14.25'N	17.20'W	50	16H35	1	26.40	35.79	23.52
	14.40'N	17.20'W	25	18H20	1	26.26	35.40	23.27

S O R T I E : Plancton - 72.14

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
18.7.72	14.40'N	17.50'W	500	11H20	1	27.93	35.88	23.10
	14.25'N	17.50'W	500	13H50	1	27.25	36.00	23.41
	14.10'N	17.45'W	500	15H00	1	26.65	36.00	23.60
	13.55'N	17.40'W	500	17H00	1	28.10	35.87	23.04
	13.55'N	17.25'W	200	18H50	1	28.02	35.75	22.97
	13.55'N	17.10'W	38	20H30	1	28.88	35.72	22.67
"9.7.72	13.55'N	16.56'W	10	06H15	1	27.20	35.79	23.26
	14.09'N	17.17'W	50	10H15	1	27.91	35.74	23.00
	14.11'N	17.30'W	190	12H15	1	27.96	35.91	23.01
	14.25'N	17.35'W	200	14H00	1	28.20	35.83	22.97
	14.25'N	17.20'W	50	15H50	1	28.28	35.79	22.90
	14.40'N	17.20'W	25	18H30	1	26.51	35.076 ----	23.47

S O R T I E : Plancton - 72.15

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
10.8.72	14.40 'N	17.50 'W	500	11H15	1	27.60	36.13	23.40
	14.25 'N	17.50 'W	500	13H35	1	28.00	36.14	23.27
	14.10 'N	17.45 'W	500	15H25	1	28.30	36.14	23.17
	13.55 'N	17.40 'W	503	17H15	1	28.00	36.01	23.18
	13.55 'N	17.25 'W	200	19H25	1	28.00	35.86	23.06
	13.55 'N	17.10 'W	38	21H30	1	28.20	35.86	22.99
	13.55 'N	16.55 'W	10	23H30	1	29.10	36.02	22.82
11.8.72	14.10 'N	17.00 'W		06H10	1	28.30	35.88	22.98
	14.10 'N	17.15 'W	46	08H12	1	27.90	35.89	23.11
	14.10 'N	17.30 'W	200	09H55	1	28.30	35.93	23.02
	14.25 'N	17.35 'W	200	12H00	1	28.50	35.93	22.95
	14.25 'N	17.20 'W	50	14H10	1	28.40	35.83	22.91
	14.40 'N	17.20 'W	25	15H40	1	28.40	35.83	22.91

S O R T I E : Plancton 72.16

Date	Positions		Sonde (m)	Heure	Prof.:	T°	S ‰	SigmaT	0 ₂	2ml/l	‰ O ₂
	Lat.	Long,									
19.9.72	14.14'N	17.18'W	55	22H15	1	28.78	35.16	22.30			
20.9.72	13.48'N	17.12'W	42	01H35	1	28.79	35.24	22.34			
	13.22'N	17.05'W	22	05H00	1	28.93	34.95	21.73	a		
	12.27'N	16.51'W	10	12H00	1	29.97	34.52	21.34	4.40	101	
20.9.72	12.12'N	17.22'W	200	22H40	1	28.59	34.44	20.80	5.23	117	
21.9.72	12.48'N	17.12'W	22	03H05	1	28.68	34.47	21.46			
	13.37'N	16.49'W	10	09H25	1	29.38	35.30	22.18	3.75	86	
	13.40'N	17.28'W	200	18H50	1	29.20	35.22	22.18	4.18	96	
21.9.72	14.15'N	17.32'W	200	23H20	1	28.82	35.24	22.33	4.2-I	95	
22.9.72	14.30'N	17.11'W	20	16H10	1	29.99	35.81	22.35	4.40	102	
22.9.72	14.40'N	17.35'W	100	23H20	1	28.52	35.59	22.68	4.25	96	
23.9.72	15.13'N	17.18'W	450	04H20	1	28.59	35.59	22.66	a		
23.9.72	15.46'N	16.58'W	250	09H15	1	28.60	35.69	28.60	4.21	95	
23.9.72	15.38'N	16.42'W	20	16H45	1	29.64	31.92	19.57	4.25	97	
24.9.72	16.02'N	16.43'W	60	01H20	1	28.65	35.65	22.68			
24.9.72	16.25'N	16.45'W	70	04H30	1	27.85	35.44	22.46			
24.9.72	16.48'N	16.45'W	200	07H50	1	28.24	35.88	23.00	4.12	93	
24.9.72	16.42'~	16.30'W	20	21H45	1	27.61	35.76	23.12			

S O R T I E : Plancton - 7'2.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
25.9.72	17.03'N	16.29'W	52	01H15	1	27.45	35.82	23.21
"	17.23'N	16.20'W	50	04H55	1	26.11	35.97	23.76
"	17.42'N	16.09'W	20	08H05	1	25.10	36.11	24.17
"	17.42'N	16.34'W	200	19H15	1	27.13	36.23	23.63
"	18.02'N	16.28'W	200	22H40	1	26.06	35.99	23.78
26.9.72	18.21'N	16.22'W	48	01H45	1	24.19	35.90	24.28
"	18.37'N	16.16'W	20	07H00	1	22.10	35.94	24.92
"	18.32'N	16.37'W	200	16H50	1	24.03	35.90	24.33
"	18.54'N	16.39'W	130	19H45	1	25.58	36.06	23.97
"	19.11'N	16.51'W	550	23H00	1	25.92	36.06	23.87
27.9.72	19.30'N	17.04'W	600	02H30	1	25.52	36.10	24.02
"	19.48'N	17.16'W	300	05H35	1	24.09	36.08	24.45
"	20.05'N	17.21'W	3 5	08H05	1	21.10	35.92	25.18
"	20.30'N	17.08'W	30	12H35	1	20.90	35.91	25.23
28.9.72	20.47'N	16.55'W	17	08H35	1	21.93	36.44	25.35
29.9.72	20.30'N	17.43'W	250	19H15	1	20.82	36.93	26.03
30.9.72	20.06'N	17.31'W	50	07H05	1	20.52	36.52	26.78

SORTIE : Chalutage - Roxo

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
20.9.72	12.25'N	16.52'W	10	13H30	1	29.97	34.52	21.40	4.40	101
					10	29.15	34.51	21.67	3.96	90
"	12.15'N	17.00'W	20	15H40	1	29.80	33.66	20.81	4.95	113
					20	28.60	34.15	21.58	3.17	71
"	12.14'N	17.13'W	50	18H50	1	28.81	34.12	21.50	4.30	96
					50	18.48	35.41	25.51	1.36	26
"	12.11'N	17.19'W	100	20H30	1	28.54	34.46	20.83	4.28	y6
					100	14.69	34.44	26.39	1.00	17
"	12.09'N	17.22'W	200	21H50	1	28.55	34.44	20.81	5.23	118
					200	13.12	35.33	26.64	1.41	24

S O R T 1 E : Chalutage - Bathurst

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S	‰	Sigma T°	2ml/l	‰ A- O ₂
	Lat.	Long.									
21.9.72	13.38 'N	16.49 'W	10	10H30	1	29.38	35.30	22.18	3.75	86	
					10	29.40	35.31	22.18	3.75	86	
"	13.40 'N	17.00 'W	20	12H30	1	29.82	35.19	21.95	4.23	98	
					20	29.23	35.18	22.14	3.84	88	
"	13.38 'N	17.14 'W	48	15H30	1	29.48	35.25	22.11	4.12	95	
					48	20.41	35.19	24.82	3.79	7-r	
"	13.38 'N	13.28 'W	200	17H30	1	29.20	35.22	22.18	4.18	95	
					200	12.90	35.33	26.68	1.51	25	

S O R T I E : Chalutage - Popenguine

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
22.9.72	14.15'N	17.32'W	200	07H30	1	28.82	35.24	22.23	4.21	95
					200	14.83	35.46	26.38	1.16	20
"	14.20'N	17.28'W	100	09H20	1	29.00	35.48	22.44	4.20	96
					100	14.91	35.48	26.38	1.08	19
"	14.18'N	17.23'W	50	11H00	1	29.18	35.61	22.49	4.03	92
					50	19.14	35.58	25.44	1.13	21
"	14.30'N	17.11'W	20	15H10	1	29.99	35.81	22.35	4.40	102
					20	28.13	35.81	22.98	1.82	41

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S O R T 1 E : Chalutage - 15°40

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
23.9.72	15.45'N	16.59'W	200	10H15	1	28.60	35.69	22.73	4.21	95
					200	11.85	35.31	26.88	1.31	21
"	15.43'N	16.55'W	98	12H30	1	29.12	35.01	22.05	4.17	95
					98	14.02	35.50	26.59	1.02	17
"	15.43'N	16.48'W	50	14H00	1	28.95	35.10	22.17	4.26	97
					50	18.61	35.25	25.33	1.74	33
"	15.38'N	16.42'W	20	16H00	1	29.64	34.92	19.57	4.25	96
					20	25.80	35.67	23.62	2.71	58

S O R T I E : Chalutage - 16.40 72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.:	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
27.9.72	16.48'N	16.45'W	200	07H50	1	28.24	35.88	23.00	4.12	93
					200	12.98	35.33	26.57		
II	16.45'N	16.43'W	1 0 0	10H30	I	28.89	35.90	22.80		
					100	14.93	35.57	26.44		
II	16.42'N	16.37'W	50	13H00	1	28.00	35.90	23.09	4.11	92
					50	19.84	35.73	25.37	1.91	37
"	16.40'N	16.31'W	20	15H30		27.61	35.76	23.12		
					20	26.09	35.79	23.62		
"	16.40'N	16.31'W	16	17H00	1	27.71	35.73	23.06	4.03	90
					16	26.13	35.80	23.62	2.61	57

SORTIE : Chalutage - 17°40 72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
25.9.72	17.42'N	16.05'W	10	12H10	1	26.86	36.23	23.71	3.76	83
					10	26.93	36.65	24.00	3.75	83
"	17.41'N	16.15'W	50	13H30	1	24.92	36.01	24.15	4.78	101
					50	19.97	35.69	25.31	1.29	25
"	17.43'N	16.27'W	100	16H40	1	26.41	36.02	23.70	4.42	97
					100	14.82	35.54	26.44	0.88	15
"	17.45'N	16.34'W	200	18H50	1	27.08	35.95	23.42	4.22	93
					200	13.24	35.44	26.70	1.29	22

S O R T I E : Chalutage - 18°40' 72.16 (suite)

Date	Positions		Sonde	Heure	Prof.	T°	S ‰	SigmaT	0 ₂ ml/l	% O ₂
	Lat.	Long.	(m)							
26.9.72	18.40'N	16.15'W	10	08H20	I	23.12	35.92	24.61	3.72	76
					10	21.91	35.89	24.94	2.73	55
II	18.36'N	16.24'W	50	10H35	I	23.39	35.88	24.51	4.46	92
---S.-U.					50	18.00	35.73	26.32	1.74	3 2
"	18.32'N	16.30'W	100	12H30	1	24.07	35.89	24.31	4.51	94
					100	14.30	35.49	26.52	1.03	18
If	18.33'N	16.37'W	200	15H30	1	24.01	35.90	24.34	5.73	99
					200	13.39	35.49	26.71	1.20	20

S O R T I E : Chalutage - Banc d'Arguin 72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
27.9.72	19.30'N	17.04'W	200	02H35	1	20.14	36.01	25.51	4.79	93
					10	19.92	35.90	25.48	2.35	45
"	19.48'N	17.16'W	200	05H40	1	21.94	36.44	25.35	5.33	107
					10	21.96	36.44	25.34	5.42	109
"	20.05'N	17.21'W	50	08H10	1	24.02	36.71	24.95	3.84	81
					50	23.82	36.72	25.02	3.81	79
"	20.30'N	17.08'W	30	12H40		21.89	36.44	25.36	5.57	112
					30	20.75	36.37	25.64	4.44	87

SORT I E : Chalutage - 20°30

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT°	O ₂ ml/l	‰ O ₂
	Lat.	Long.								
29.9.72	20.30'N	17.06'W	23	07H10	1	18.71	36.09	25.95	2.50	47
					23	18.69	36.09	25.36	2.37	45
"	20.32'N	17.20'W	40	10H00	1	19.92	36.05	25.60	4.79	93
					40	18.51	36.09	26.00	0.77	14
"	20.30'N	17.34'W	80	14H20	1	20.52	36.03	25.42	4.84	95
					80	15.72	36.72	27.14	1.35	24
"	20.32'N	17.42'W	150	16H30	1	20.49	36.92	26.11	4.37	86
					150	14.78	-	-	1.92	-
"	20.30'N	17°43'W	250	19H30	1	20.82	36.93	26.02	4.62	91
					250	12.64	36.56	27.68	1.66	28
"	20.30'N	17.43'W	200	22H00	200	13.55	36.50	27.46	1.08	18

SORTIE : Plancton 72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
2.10.72	19.02'N	17.09'W	1500	01H25	1	24.96	36.03	24.15
"	18.16'N	17.04'W	1500	06H40	1	26.75	-	-
"	17.16'N	16.42'W	200	15H30	1	27.20	35.99	23.43

S O R T I E : Chalutage = 72.17

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
7.10.72	13.55'N	16.45'W	10	08H10	1	30.30	38.51	24.37
					10	-	38.62	-
	13.56'N	16.45'W	10	09H15	1	30.11	38.12	24.07
					10	30.13	38.13	24.08
	13.55'N	16.45'W	8	10H50	1	30.13	36.63	22.37
					8	29.06	36.96	23.54
	Pointe Sangomar		8	12H00	1	30.00	35.63	22.22
					8	29.94	36.26	22.71
	13.51'N	16.47'W	5	15H15	1	30.59	35.73	22.29
	13.53'N	16.55'W	10	17H05	1	30.32	35.37	21.02
					10	29.77	35.35	22.06
	14.00'N	16.48'W	5	19H35	1	30.27	36.06	22.54
8.10.72	13.25'N	16.53.5'W	10	07H45	1	30.11	34.70	21.66
					10	30.07	34.89	21.67
	13.31'N	16.51.5'W	8	09H45	1	30.05	34.86	21.64
					8	30.03	34.86	21.64
	13.32'N	16.40'W	8	12H00	1	30.41	29.13	17.34
					8	29.98	35.51	20.64
	13.36' ~	16.39.5'W	9	14H38	1	30.57	31.58	19.18
					9	30.12	31.33	19.00
	13.41.5'N	16.45'115	5	16H30	5	30.43	350.35	22.15

SORTIE : Plancton - 72.18

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	La-t.	Long.						
30.10.72	14.40'N	17.35'W	100	00H30	1	27.47	35.38	22.30
m m					10	27.43	35.37	22.88
					25	19.69	35.27	25.07
					50	15.75	35.50	26.21
					75	14.83	35.46	26.38
					100	14.33	35.41	26.45
	14.40'N	17.50'W	500		1	27.51	35.36	22.85
	14.25'N	17.50'W	1500		1	27.99	35.17	22.54
	14.25'N	17.35'W	200		1	27.92	35.18	22.58
	14.25'N	17.20'W	60		1	26.61	35.41	23.17
	14.10'N	17.15'W	40		1	27.46	35.25	22.79
	14.10'N	17.30'W	100		1	28.29	35.22	22.46
	13.55'N	17.25'W	110		1	28.72	35.37	22.45
	13.55'N	17.10'W	30		1	28.20	35.28	22.55
	13.40'N	17.10'W	30		1	28.23	35.32	22.57
	13.40'N	17.25'W	110		1	28.57	35.58	22.66
	13.25'N	17.31'W	100		1	28.97	35.43	22.41
	13.25'N	17.16'W	40		1	28.59	35.31	22.45
W V	13.25'N	17.00'W	15		1	29.41	35.51	22.33
	13.10'N	17.00'W	15		1	29.30	35.74	22.54
	13.55'N	17.00'W	15		1	28.78	35.17	22.28

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SORTIE : Plancton - 72.18

Date	Positions		Sonde (m)	Heure	Prof.	T° -me.-	S ‰	SigmaT
	Lat.	Long.						
30.10.72	14.10'N	17.00'W	10	: : 1	27.54		35.60	23.02
	14.25'N	17.08'W	20		25.35		35.63	23.73
	14.40'N	17.20'W	20		26.54		35.59	25.33