

**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

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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)

D.S.P. n° 51 - JUILLET 1973

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

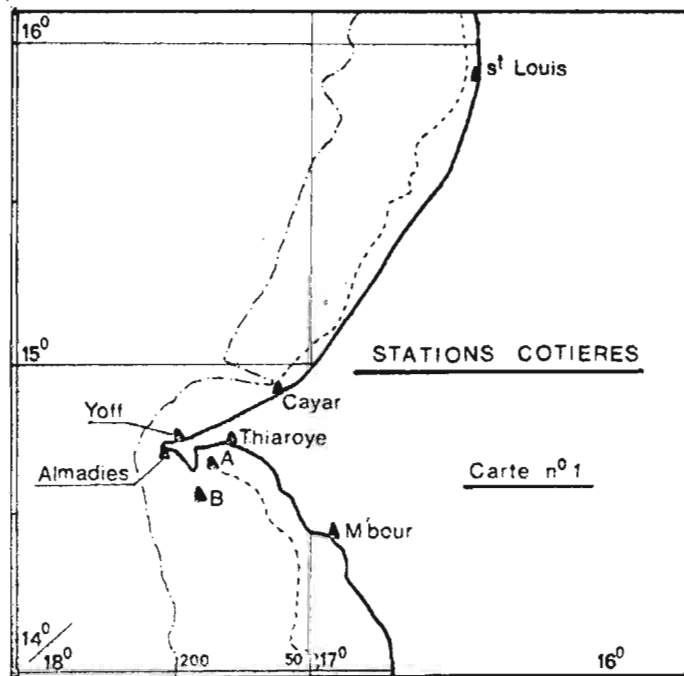
(Centre de Géophysique de l'ORSTOM)

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 1/10e 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

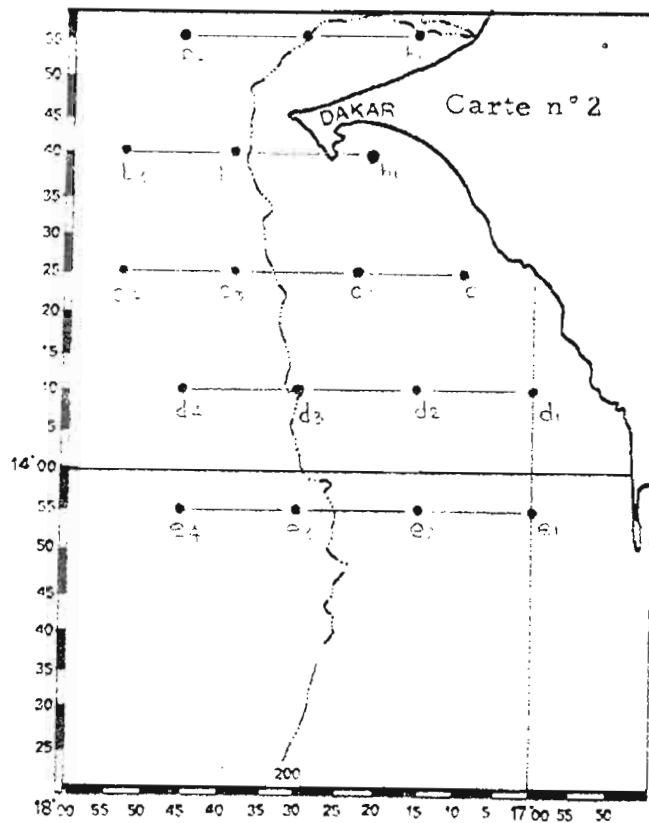
Stations côtières A et B (A : 14°39'N et 17°24'W

(B : 14°38'N et 17°34'W

Observations effectuées sur la radiale du Cap Vert en baie de Gorée (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.

METEOROLOGIE

AEROPORT DE DAKAR-YOFF

1972

RENSEIGNEMENTS METEOROLOGIQUES

ANNEE : 1972

STATION : DAKAR--YOFF

M O I S	Température de l'air C°			Humidité relative		Insolation en heures	Evaporation en mm	Vent Moyen		Précipitation en mm	
	Moyenne mensuelle $\frac{TN+TX}{2}$	Maximum absolu	Minimum absolu	Moyenne %				Vitesse m/s	Fr.		Secteur
				Min.	Max.						
JANVIER	20.7	33.3	14.5	56.0	96.3	255.7	104.3	133	1 à 3	0.1	
FEVRIER	19.3	28.8	12.0	60.1	96.8	283.9	96.6	101	1 à 2	Néant	
MARS	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	"	
JUIN	25.2	31.9	20.2	64.8	90.6	266.3	97.6	65	1 à 2	8.7	
JUILLET	26.7	33.0	23.1	65.9	86.6	274.6	88.6	78	1 à 2	0.7	
AOÛT	27.7	32.0	20.8	66.4	89.4	268.0	102.7	49	1 à 2	35.0	
SEPTEMBRE	27.7	32.5	21.5	67.3	90.1	249.3	89.4	56	1 à 2	66.0	
OCTOBRE	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	

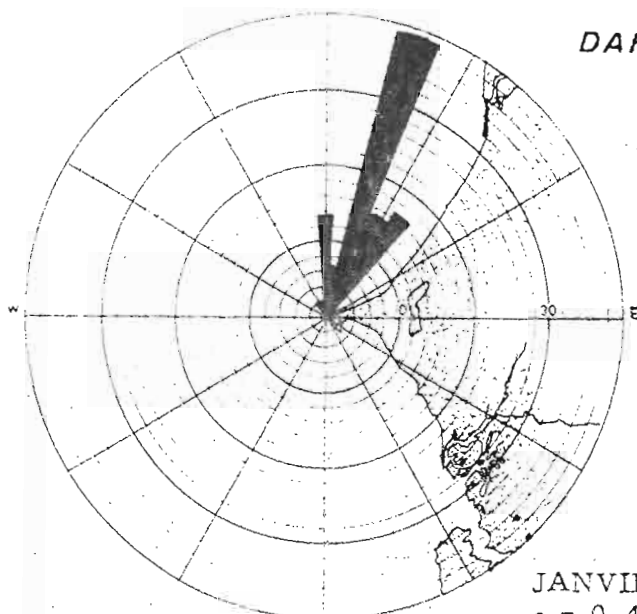
1 9 7 2 - D A K A R - Y O F F

FREQUENCE DES VENTS EXPERIMEE EN POURCENTAGE

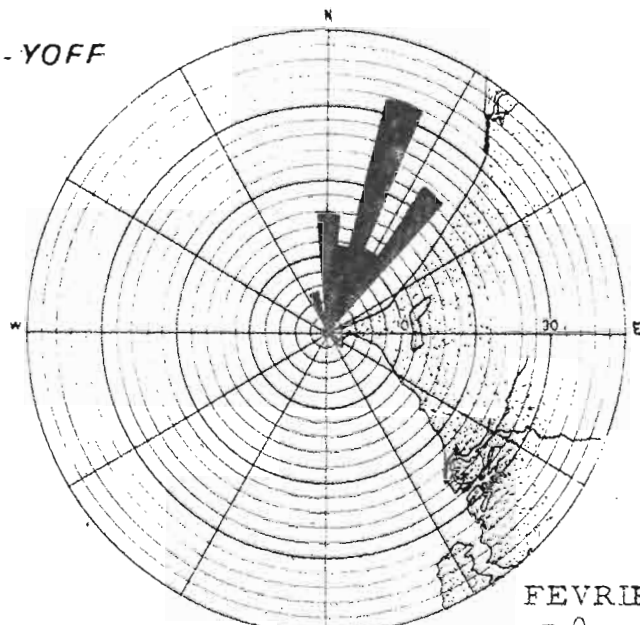
	J	F	M	A	M	J	Jt	A	S	O	N	D
10	6.45	11.21	7.66	6.67	2.82	0.42			0.83		0.83	1.21
20	38.71	31.90	37.10	15.83	18.14	7.08	1.21	2.02	7.50	8.47	34.58	37.50
30	14.92	11.64	10.08	0.83	1.61	0.83					2.08	2.42
40	16.13	22.84	18.55	1.25	0.80	3.33		2.02	3.75	3.22	19.17	31.45
50	1.61	0.40	2.02							0.40		0.40
60	1.61	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					0.40	3.33	5.64	4.84	2.92	5.64		
270						0.42			0.41	0.40		
280					1.21	3.33	12.50	7.66	4.58	4.43		
290												
300			0.40		0.40	5.42	17.74	12.10	7.05	0.40	6.45	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	4.17	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	4.43	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

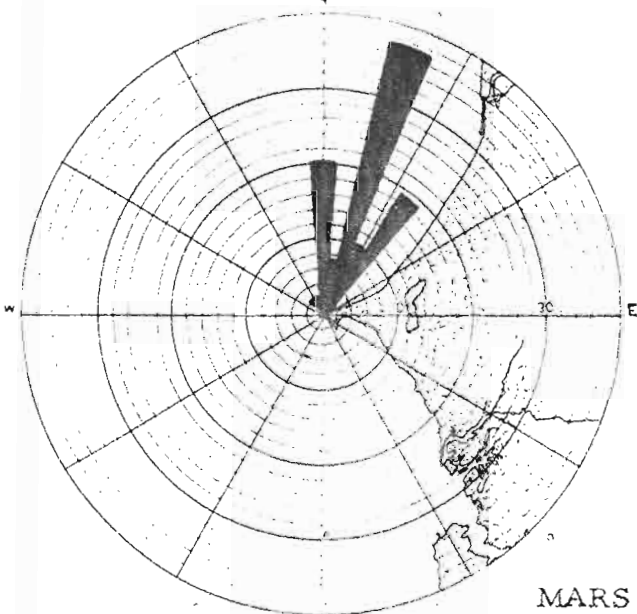
1972



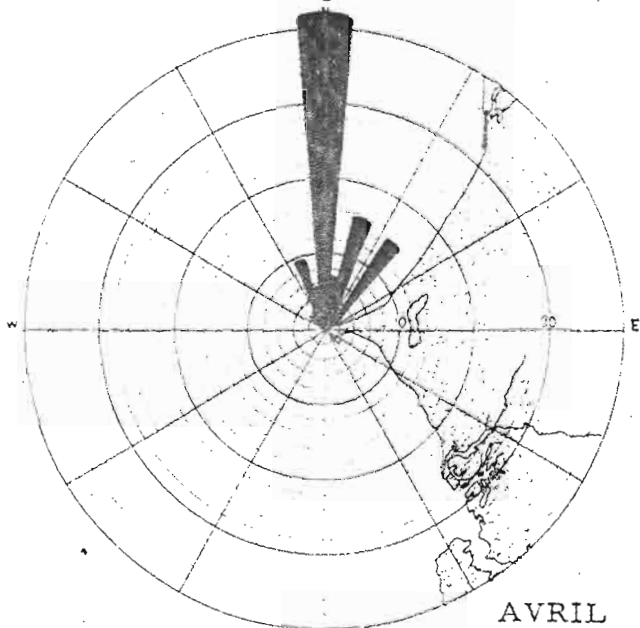
JANVIER
c = 0,40



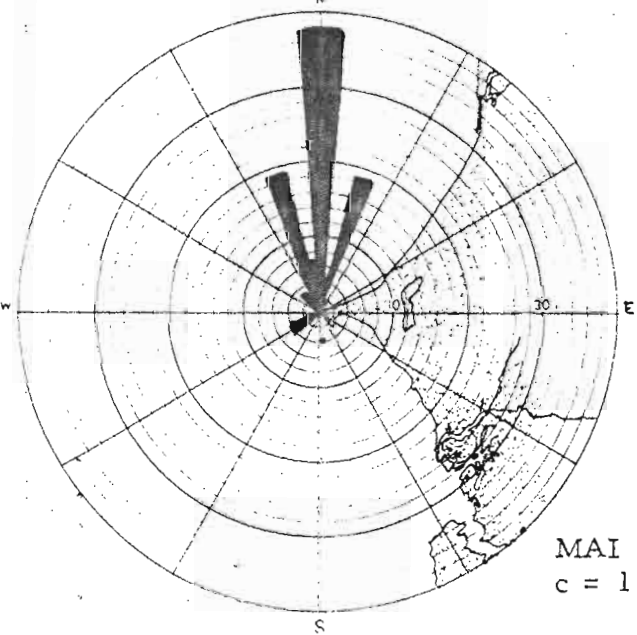
FEVRIER
c = 0



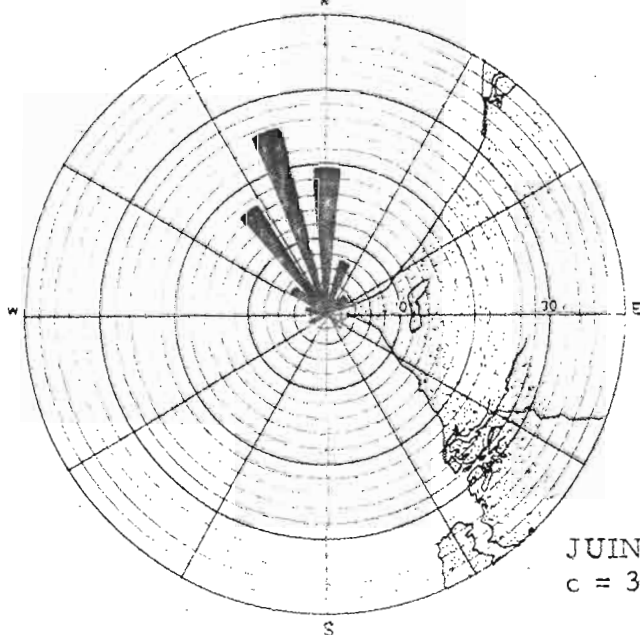
MARS
c = 0



AVRIL
c = 1,67



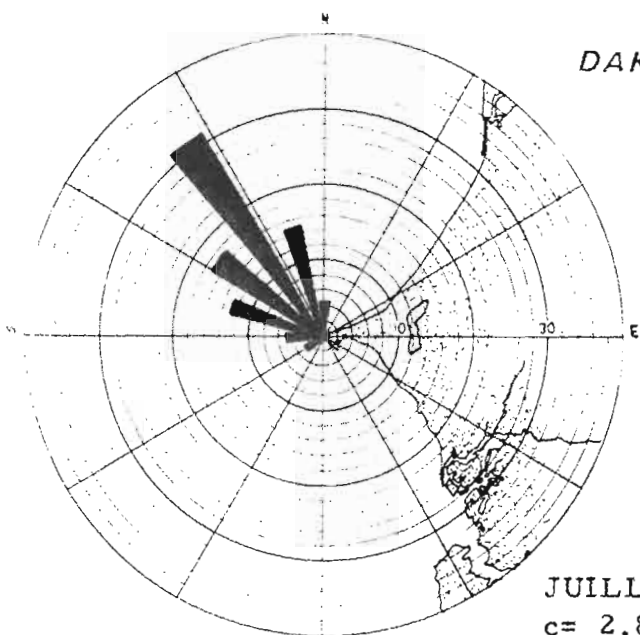
MAI
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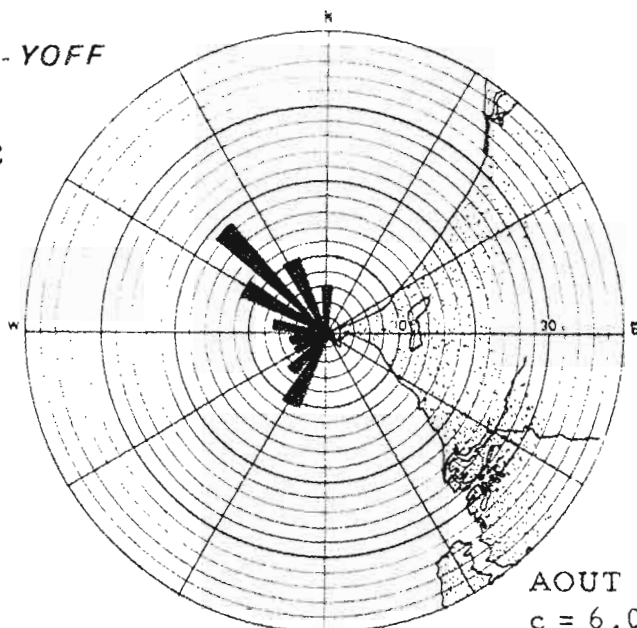
JUIN
c = 3,33

DAKAR - YOFF

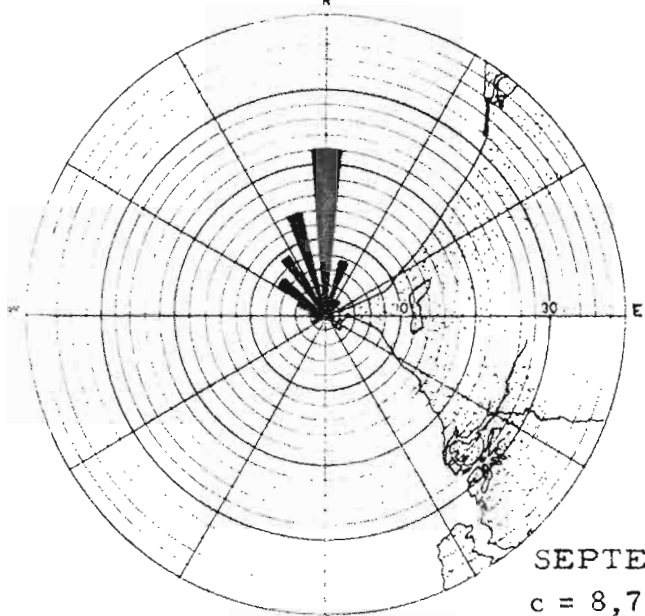
1972



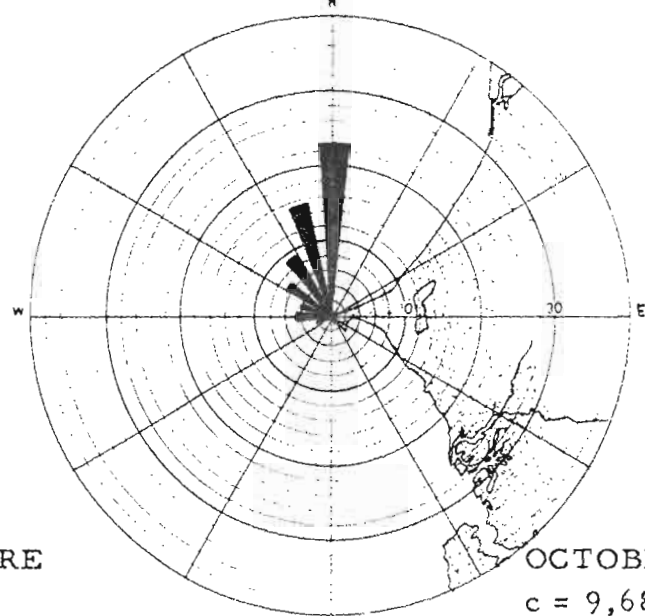
JUILLET
c = 2,82



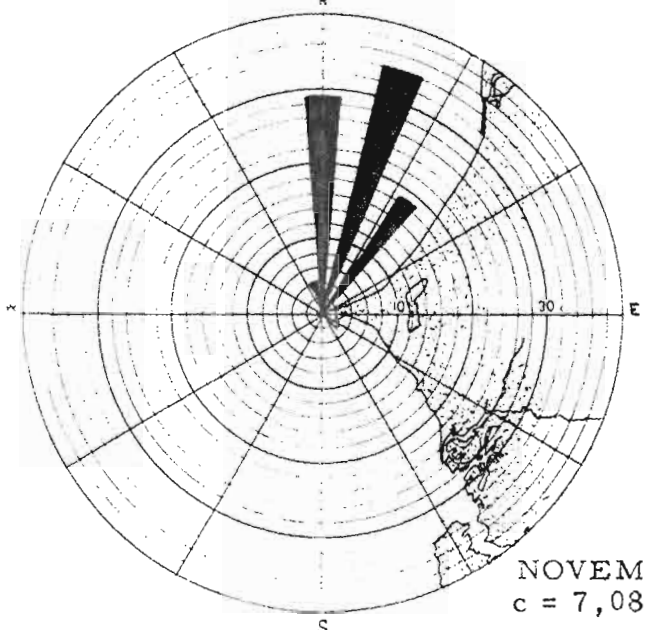
AOUT
c = 6,05



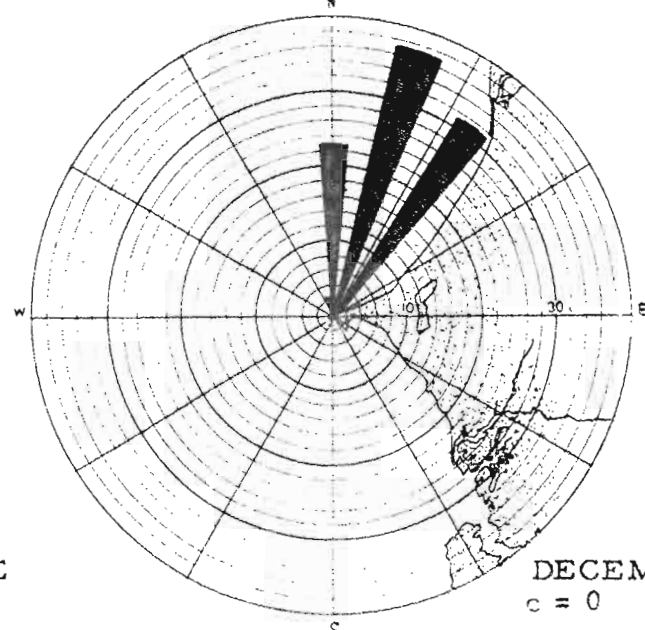
SEPTEMBRE
c = 8,75



OCTOBRE
c = 9,68



NOVEMBRE
c = 7,08



DECEMBRE
c = 0

STATION COTIERE DE M'BOUR

1972

OBSERVATIONS DE SURFACE à M'BOUR

1 9 7 2

Date	JANVIER		FEVRIER		MARS	
	T°	S ‰	T°	S ‰	T°	S ‰
1	21.5	35.58	17.7	35.41	17.0	35.44
2	21.4	35.62	17.7	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
7	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	35.67	17.1	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	35.30
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	35.49	18.5	35.30	17.0	35.41
18	18.0	35.61	18.4	35.46	17.4	35.29
19	17.0	35.53	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	35.76	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	18.0	35.40			18.6	35.41

OBSERVATIONS DE SURFACE à M'BOUR

1 9 7 2

Date	AVRIL		MAI		JUIN	
	T°	S ‰	T°	S ‰	T°	S ‰
1	18.6	35.35	22.0	35.14	23.5	-
2	19.2	35.43	22.4	35.24	23.1	35.74
3	19.0	35.50	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	-	20.0	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	35.50	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	35.29	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	35.69
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	35.55	27.0	35.63
22	19.4	35.42	21.2	35.61	26.9	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	35.40
25	19.1	35.47	21.7	35.45	28.2	35.60
26	20.0	35.49	22.0	35.55	26.6	35.51
27	20.3	35.47	22.4	35.28	26.6	35.41
28	19.9	35.45	23.0	35.13	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

1972

Date	JUILLET		AOUT		SEPTEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	26.2	35.70	27.9	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	35.74	28.4	35.49	28.2	35.81
6	26.6	35.80	28.6	35.78	28.8	36.01
7	27.0	35.86	28.5	35.53	28.6	35.83
8	27.6	35.93	28.0	35.72	29.3	35.50
9	27.0	35.73	28.2	35.63	29.0	35.62
10	26.8	35.80	28.5	35.98	29.0	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	35.90	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	35.85	28.5	35.16	29.4	35.68
23	27.1	35.77	28.7	34.32	30.1	35.88
24	27.5	35.99	28.1	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

1 9 7 2

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	35.99	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	35.77	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	22.0	35.57
8	29.1	35.71	26.0	35.36	21.4	35.59
9	29.6	35.90	27.0	35.30	21.0	35.51
10	29.3	35.79	26.0	35.50	20.0	35.56
11	29.1	35.84	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	35.48	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'BOUR - 1972
 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	18.1
				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
AOUT	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 - 1 9 7 2
SALINITES DE SURFACE - MOYENNE PAR QUINZAINE

MOIS	S ‰	S ‰ Max.	S ‰ Min.	QUINZAINE	S ‰	S ‰ Max.	S ‰ Min.
JANVIER	35.62	35.85	35.31	1	35.61	35.85	35.31
				2	35.63	35.79	35.38
FEVRIER	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	35.43	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
AOÛT	35.43	35.98	34.32	1	35.61	35.98	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	35.98	35.22	1	35.51	35.74	35.22
				2	35.84	35.98	35.77

Item	Quantity	Unit	Price	Total
1	1	kg	100	100
2	2	kg	150	300
3	3	kg	200	600
4	4	kg	250	1000
5	5	kg	300	1500
6	6	kg	350	2100
7	7	kg	400	2800
8	8	kg	450	3600
9	9	kg	500	4500
10	10	kg	550	5500
11	11	kg	600	6600
12	12	kg	650	7800
13	13	kg	700	9100
14	14	kg	750	10500
15	15	kg	800	12000
16	16	kg	850	13600
17	17	kg	900	15300
18	18	kg	950	17100
19	19	kg	1000	19000
20	20	kg	1050	21000
21	21	kg	1100	23100
22	22	kg	1150	25300
23	23	kg	1200	27600
24	24	kg	1250	30000
25	25	kg	1300	32500
26	26	kg	1350	35100
27	27	kg	1400	37800
28	28	kg	1450	40600
29	29	kg	1500	43500
30	30	kg	1550	46500
31	31	kg	1600	49600
32	32	kg	1650	52800
33	33	kg	1700	56100
34	34	kg	1750	59500
35	35	kg	1800	63000
36	36	kg	1850	66600
37	37	kg	1900	70300
38	38	kg	1950	74100
39	39	kg	2000	78000
40	40	kg	2050	82000
41	41	kg	2100	86100
42	42	kg	2150	90300
43	43	kg	2200	94600
44	44	kg	2250	99000
45	45	kg	2300	103500
46	46	kg	2350	108100
47	47	kg	2400	112800
48	48	kg	2450	117600
49	49	kg	2500	122500
50	50	kg	2550	127500
51	51	kg	2600	132600
52	52	kg	2650	137800
53	53	kg	2700	143100
54	54	kg	2750	148500
55	55	kg	2800	154000
56	56	kg	2850	159600
57	57	kg	2900	165300
58	58	kg	2950	171100
59	59	kg	3000	177000
60	60	kg	3050	183000
61	61	kg	3100	189100
62	62	kg	3150	195300
63	63	kg	3200	201600
64	64	kg	3250	208000
65	65	kg	3300	214500
66	66	kg	3350	221100
67	67	kg	3400	227800
68	68	kg	3450	234600
69	69	kg	3500	241500
70	70	kg	3550	248500
71	71	kg	3600	255600
72	72	kg	3650	262800
73	73	kg	3700	270100
74	74	kg	3750	277500
75	75	kg	3800	285000
76	76	kg	3850	292600
77	77	kg	3900	300300
78	78	kg	3950	308100
79	79	kg	4000	316000
80	80	kg	4050	324000
81	81	kg	4100	332100
82	82	kg	4150	340300
83	83	kg	4200	348600
84	84	kg	4250	357000
85	85	kg	4300	365500
86	86	kg	4350	374100
87	87	kg	4400	382800
88	88	kg	4450	391600
89	89	kg	4500	400500
90	90	kg	4550	409500
91	91	kg	4600	418600
92	92	kg	4650	427800
93	93	kg	4700	437100
94	94	kg	4750	446500
95	95	kg	4800	456000
96	96	kg	4850	465600
97	97	kg	4900	475300
98	98	kg	4950	485100
99	99	kg	5000	495000
100	100	kg	5050	505000

STATION COTIERE DU WHARF DE THIAROYE

1972

OBSERVATIONS DE SURFACE -- WHARF DE THIAROYE

1 9 7 2

Date	JANVIER		FEVRIER		MARS	
	T°	S ‰	T°	S ‰	T°	S ‰
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	17.4	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	15.8	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	35.41
14	16.0	35.58	15.3	35.50	15.1	35.43
15	16.5	35.57	15.0	35.44	15.2	35.43
16	17.4	35.63	15.2	35.42	15.4	35.43
17	17.4	35.60	14.9	35.46	15.4	35.42
18	17.4	35.63	15.3	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	15.9	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	35.41
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

D te	AVRIL		MAI		JUN	
	T°	S ‰	T°	S ‰	T°	S ‰
1	15.8	35.48	17.0	35.37	20.0	35.58
2	15.8	35.45	18.0	35.43	20.2	35.59
3	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	35.64
6	15.6	35.44	17.0	35.46	20.8	35.57
7	16.0	35.47	16.8	35.46	21.7	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	35.53	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	17.4	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			20.2	35.57		

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	24.9	35.75	26.4	35.81	28.2	36.05
4	24.9	35.75	26.3	35.82	28.2	36.09
5	24.8	35.78	25.3	35.77	29.0	35.99
6	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
9	23.8	35.63	27.4	35.82	28.6	35.93
10	23.5	35.71	27.1	35.85	28.2	35.94
11	24.4	35.73	26.4	35.75	28.0	35.90
12	23.0	35.73	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	34.94
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	35.34
18	24.6	35.76	27.8	35.97	28.3	35.44
19	25.1	35.76	26.5	35.96	28.9	35.40
20	25.3	35.78	26.0	35.97	28.7	35.54
21	25.5	35.79	27.8	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	25.6	35.78	26.8	35.90	28.6	35.58
25	25.8	35.77	27.3	35.95	28.6	35.73
26	25.1	35.81	28.4	35.95	28.4	35.79
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	28.9	36.00	28.0	35.75
30	26.0	35.87	28.7	36.05	25.5	35.83
31	25.4	35.85	28.3	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	24.3	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	21.0	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	19.3	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

NEARF DE THIEROYE - 1 9 7 2
 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
JUN	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	28.5	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 THIAROYE - 1 9 7 2
SALINITES DE SURFACE - MOYENNE PAR QUINZAINE

M O I S	\bar{S} ‰	\bar{S} ‰ Max.	\bar{S} ‰ Min.	QUINZAINE	\bar{S} ‰	\bar{S} ‰ Max.	\bar{S} ‰ Min.
JANVIER	35.57	35.67	35.48	1	35.58	35.57	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	35.37	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	35.68
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	35.66
				2	35.67	35.77	35.61
NOVEMBRE	35.63	35.79	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

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COMMUNIQUE

8

STATION DES ALMADIES 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		
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	35.50	24	17.2	35.55	
16.6	35.47	28	16.6	35.37	
17.0	35.52	31	17.6	35.50	

FEVRIER

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	35.50	27	18.3	35.51	
16.0	35.48	31	16.2	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		
T°	S ‰	Date	T°	S ‰	
18.3	35.30	7	18.0	35.47	
18.0	35.51	11	18.4	35.51	
18.2	35.47	15	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	35.43	
17.2	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	35.53	
18.1	35.56	12	18.2	35.56	
18.2	35.56	15	19.0	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	
23.4	35.68	30	22.4	35.63	

J U I N

22.2	35.47	1	22.1	35.69	
23.2	35.69	4	23.9	35.69	
24.0	35.69	8	23.8	35.71	
23.6	35.77	13	24.0	35.75	
23.2	35.82	16	23.4	35.81	
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	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 ‰	Date	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	35.91	
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	27.8	35.99	
29.6	35.90	31	28.9	35.62	

AOUT

28.6	35.94	3	28.5	35.92	
27.3	35.98	8	27.4	36.01	
28.0	35.79	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	
28.4	35.90	25	28.2	35.91	
28.1	35.82	28	28.0	36.09	

SEPTEMBRE

27.7	35.90	1	27.9	35.91	
27.7	35.86	4	28.4	35.90	
28.5	35.89	8	28.6	35.78	
27.2	35.64	11	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	29	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	35.45	1	25.5	35.41	
28.3	35.54	6	27.9	35.55	
28.4	35.48	9	28.4	35.41	
28.8	35.44	13	29.1	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

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	15	19.0	35.54	
18.4	35.59	18	18.4	35.56	
19.9	35.60	22	18.6	35.62	
16.4	35.52	29	20.0	35.54	

- STATION COTIERE DE CAYAR. -

- 1 9 7 2 -

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	35.53	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	35.28	15.9	35.37	15.5	35.38
9	-	-	16.2	35.31	16.1	35.33
10	17.6	34.95	16.2	35.25	-	-
11	17.4	35.45	15.5	35.37	-	-
12	16.9	35.13	16.8	35.39	-	-
13	16.9	35.41	-	-	16.4	35.32
14	17.5	35.43	16.6	35.44	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	35.37	17.6	35.43	-	-
20	16.2	35.37	-	-	16.1	35.33
21	19.4	35.23	16.6	35.36	16.6	35.33
22	17.4	34.97	17.2	35.25	17.4	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	15.9	35.46	17.5	35.44
29	16.6	35.33	15.3	35.48	17.2	35.46
30	-	-	-	-	-	-
31	16.8	35.44	-	-	-	-

OBSERVATIONS DE SURFACE à GAYAR

1972

Date	AVRIL		MAI		JUIN	
	T°	S ‰	T°	S ‰	T°	S ‰
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	35.41
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	18.6	35.44	19.2	35.50	25.0	35.63
14	18.7	35.46	-	-	25.2	35.65
15	18.6	35.43	19.2	35.50	25.0	35.64
16	-	-	19.2	35.48	24.0	35.64
17	18.4	35.42	19.5	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 ‰	T°	S ‰	T°	S ‰
1	26.6	35.83	-	-	28.4	36.00
2	-	-	28.2	35.79	28.6	35.91
3	-	-	28.0	35.90	-	-
4	-	-	28.1	35.58	29.0	35.23
5	26.7	35.73	27.8	35.82	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	35.78	28.2	35.79	-	-
11	26.6	35.84	28.1	35.78	29.0	35.31
12	26.7	35.86	28.1	35.82	-	-
13	26.5	35.88	-	-	28.6	35.41
14	26.8	35.88	28.4	35.73	27.8	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	35.70	28.9	35.56
20	27.4	35.91	-	-	29.0	35.59
21	28.0	35.95	28.9	35.82	29.1	35.65
22	27.4	35.98	28.8	34.17	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	29.5	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	35.92	26.5	35.34
29	27.6	35.94	29.0	35.92	26.5	35.38
30	-	-	28.5	35.93	27.0	35.16
31	28.0	35.78	-	-	-	-

OBSERVATIONS DE SURFACE à CAYAR

1 9 7 2

Date	OCTOBRE		NOVEMBRE		DECEMBRE	
	T°	S ‰	T°	S ‰	T°	S ‰
1	-	-	-	-	24.0	35.33
2	27.0	34.60	27.0	35.51	-	-
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	35.27	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	35.75	-	-
11	28.8	35.41	23.0	35.66	19.0	35.56
12	-	-	-	-	19.0	35.63
13	28.9	35.39	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	20.0	35.69	18.5	35.53
21	29.0	35.29	21.0	35.67	19.0	35.54
22	-	-	22.0	35.73	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	35.53	-	-
28	23.5	35.31	24.0	35.33	17.0	35.18
29	-	-	24.0	35.46	16.6	35.30
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

MOIS	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
FEVRIER	16.5	17.6	15.3	1	16.3	16.8	15.5
				2	16.7	17.6	15.3
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
MAI	20.0	22.6	17.8	1	19.3	20.5	17.8
				2	20.6	22.6	19.2
JUIN	24.9	26.5	22.6	1	24.2	25.2	22.6
				2	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	19.0	16.6

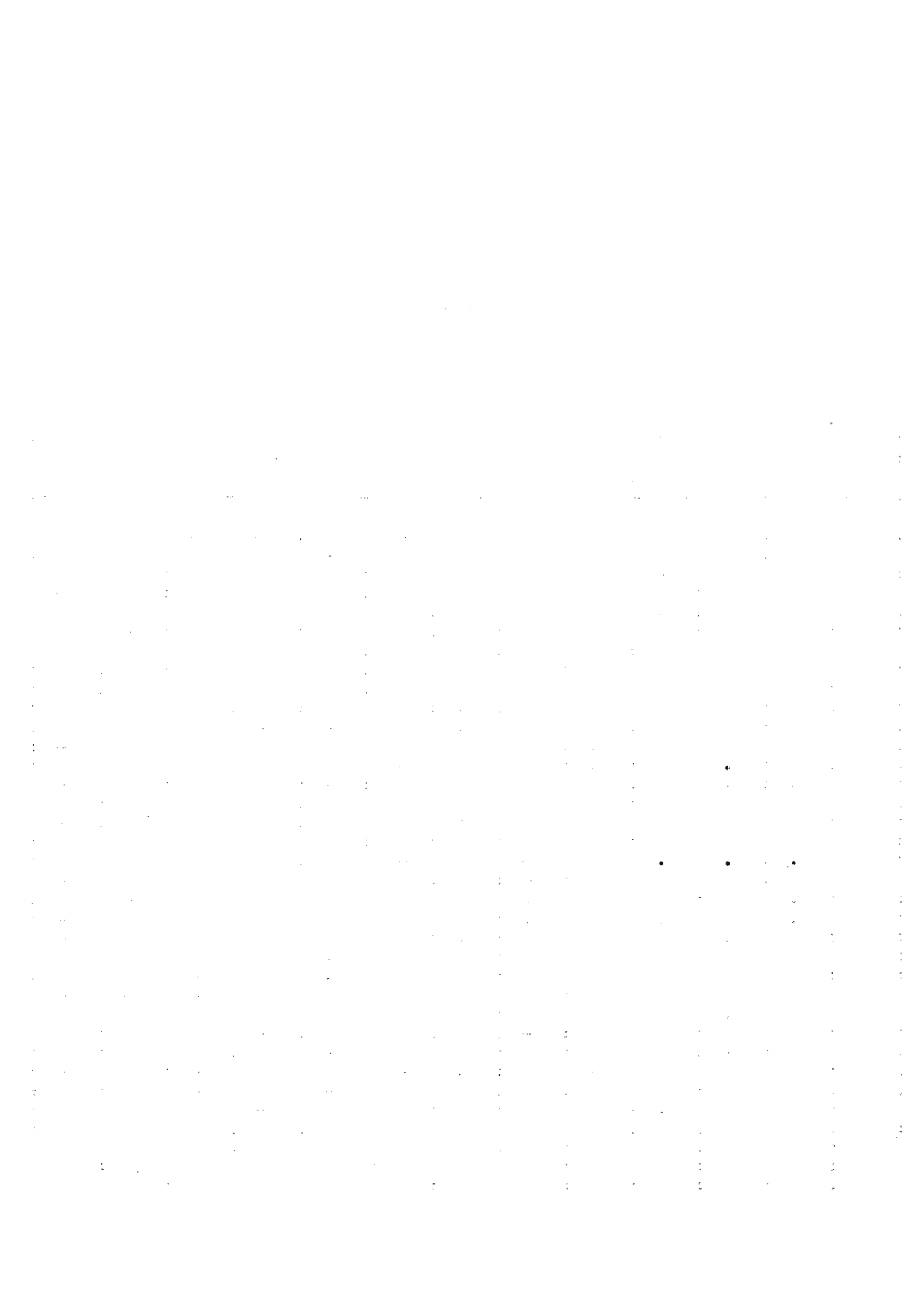
- STATION COTIERE DE SAINT-LOUIS -

1 9 7 2

OBSERVATIONS DE SURFACE à ST-LOUIS

1 9 7 2

Date	JANVIER				FEVRIER				MARS			
	T°		S ‰		T°		S ‰		T°		S ‰	
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	17.6	16.2	11.18	35.47	-	-	-	-	-	-	-	-
7	18.1	17.2	10.42	35.55	-	-	-	-	-	-	-	-
8	18.5	16.1	10.44	35.42	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-	-	-
10	18.1	15.1	7.95	35.51	-	-	-	-	17.8	15.3	18.45	35.36
11	17.7	15.5	7.24	35.52	-	-	-	-	20.7	17.1	18.23	35.23
12	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-	-	-
20	16.1	15.2	14.61	35.55	-	-	-	-	16.4	14.8	23.27	35.28
21	16.4	15.6	14.97	35.53	-	-	-	-	-	-	-	-
22	-	-	-	-	17.4	17.5	17.61	35.53	-	-	-	-
23	17.6	16.5	14.07	35.51	17.2	14.9	17.78	35.39	-	-	-	-
24	16.9	16.1	13.89	35.50	17.6	16.0	18.11	35.31	-	-	-	-
25	17.3	16.2	12.79	35.57	-	-	-	-	-	-	-	-
26	-	-	-	-	17.9	16.4	17.90	-	20.7	16.1	22.13	35.30
27	-	-	-	-	17.4	15.2	17.78	35.52	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-	-	-
	Fleuve	Mer	Fleuve	Mer	Fleuve	Mer	Fleuve	Mer	Fleuve	Mer	Fleuve	Mer



→ Ancienne ST A Différent
Nouvelle ST A = Ancienne B
Nouvelle ST B = Ancienne C

STATIONS COTIERE (A) et (B) (C)

A : 14°39'N et 17°24'W

B : 14°38'N et 17°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	35.55	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 : 103 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	-	-
10	14.86	35.52	26.42	-	-
25	14.59	35.47	26.45	-	-

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 - 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 : 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 - 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 : 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 - 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	T: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	T:O ₂ ml/l	% O ₂
1	15.57	35.49	26.23	-	-
10	15.57	35.49	26.23	-	-
20	15.51	35.49	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	T: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	26.54	-	-
100	13.69	35.38	26.56	-	-

Station - A -

Date : 26.2.72
Fonds : 25 m

Heure 6h.10

Prof.	T°	S ‰	SigmaT	T: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:0	2ml/1	% 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 : 6.3.72 Heure : 21h.35
Fonds : 25 m

Prof.	T°	S ‰	SigmaT:0	2ml/1	% O ₂
1	14.59	35.41	26.39	-	-
10	14.66	35.40	26.37	-	-
20	14.67	35.35	26.35	-	-

Station - A -

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

Prof.	T°	S ‰	SigmaT:0	2ml/1	% O ₂
1	15.37	35.47	26.27	-	-
10	15.30	35.45	26.27	-	-
20	14.69	35.44	26.38	-	-

Station - B -

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

Prof.	T°	S ‰	SigmaT:0	2ml/1	% 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 - B -

Date : 13.3.72 Heure : 22h.40
Fonds : 103 m

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 Heure : 18h.00
Fonds : 110 m

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	35.54	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	14.67	35.47	26.42	1.71	30
90	14.39	35.44	26.46	1.71	30

Station - A -

Date : 13.3.72 Heure : 23h.40
Fonds : 25 m

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 Heure : 10h
Fonds : 25 m

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:0	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	14.95	35.46	26.36	1.47	27

Station - A -

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

Prof.	T°	S ‰	SigmaT:0	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	2.22	38

Station - B -

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

Prof.	T°	S ‰	SigmaT:0	O ₂ ml/l	% O ₂
5	18.04	35.51	25.68	4.97	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	35.45	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:0	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 Heure : 8h.15
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	0 _{2ml/1}	% 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 Heure : 4h.40
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
1	18.94	35.57	25.49	4.37	83
10	18.97	35.59	25.49	4.20	80
20	18.58	35.60	25.60	3.27	61
30	18.93	35.58	25.49	4.69	87
50	18.92	35.62	25.53	4.28	81
75	16.44	35.54	26.07	1.72	31
95	14.76	35.45	26.39	1.63	28

Station - B -

Date : 8.5.72 Heure : 9h.30
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
1	17.94	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 Heure : 6h.30
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	0 _{2ml/1}	% 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/l	‰ O ₂
1	19.77	35.58	25.28	-	-
10	19.71	35.58	25.30	4.54	87
20	18.70	35.58	25.55	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/l	‰ 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/l	‰ 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 ‰	SigmaT	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 : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
1	23.02	35.69	24.46	4.88	100
10	22.09	35.67	24.72	4.65	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 ‰	SigmaT	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 ‰	SigmaT	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:0	2ml/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:0	2ml/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:0	2ml/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	O ₂ ml/l	γ 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	O ₂ ml/l	γ 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	O ₂ ml/l	γ 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	O ₂ ml/l	γ 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	35.79	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
1	28.20	35.73	22.89	-	-
10	28.20	35.95	23.06	-	-
25	24.20	35.70	24.13	-	-
50	19.20	35.67	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 ‰	Sigma-T	O ₂ 2ml/l	% O ₂
1	28.11	35.83	23.01	-	-
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 ‰	Sigma-T	O ₂ 2ml/l	% 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 ‰	Sigma-T	O ₂ 2ml/l	% O ₂
1	28.52	35.83	22.86	-	-
10	28.53	35.83	22.86	-	-
20	28.37	35.84	22.92	-	-
30	27.19	35.83	23.31	-	-
50	23.28	35.70	24.40	-	-
75	17.60	35.65	25.88	-	-
95	15.76	35.57	26.27	-	-

Station - A -

Date : 1.9.72 Heure : 8h.50
Fonds : 25 m

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 : 9.9.72 Heure 17h.35
Fonds : 103 m

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 Heure : 19h.00
Fonds : 25 m

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	T:O ₂ ml/l	% O ₂
1	28.90	35.66	22.63	4.28	97
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	T:O ₂ ml/l	% O ₂
1	28.92	35.72	22.65	4.40	100
10	28.92	35.72	22.65	4.31	98
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	T:O ₂ ml/l	% 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
Fonds : 25 m

Heure : 23h.30

Prof.	T°	S ‰	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
Fonds : 25 m

Heure : 4h.05

Prof.	T°	S ‰	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	35.61	23.17	-	-

Station - A -

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

Prof.	T°	S %	SigmaT	O ₂ ml/l	1/ O 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	1/ O 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 : 22.11.72 Heure : 7h55
Fonds : 25 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	f O 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 : 22.11.72 Heure : 9h.15
Fonds : 103 m

Prof.	T°	S ‰	SigmaT	O ₂ ml/l	f O 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	-	-

- RELEVES HYDROLOGIQUES EFFECTUES A BORD
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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	16.46.5'W	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	35.37	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	24.65
					7	22.15	35.83	24.83
4.1.72	13.25'N	16.55'W	11	17H50	1	22.51	35.60	24.55
					11	19.57	35.56	25.32
4.1.72	13.12'N	16.52'W	9	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	35.35	24.12
					9	23.32	35.35	24.12

S O R T I E : Prospection Sompat - 72.01 (suite)

Date	Positions		Sonde (m)	Heure	Prof	T°	S %	Sigma
	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	9	17H20	1	22.89	35.44	24.32
					9	22.89	35.47	24.35
5.1.72	13.05.5'N	16.55'W	11	19H	1	21.92	35.47	24.62
					11	20.48	35.49	25.03
6.1.72	13.51'N	16.51'W	9	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
					13	17.11	35.56	25.94

S O R T I E : Chalutage - 72-04 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	Secchi (m)	No.	S %	Sigma-t	O ₂	% O ₂
	Lat.	Long.									
24.2.72	13.33°N	16.37°W	200	14H30	1	11	16.52	35.70	26.17	3.10	56
							200		12.77	35.59	26.92
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
25.2.72	16.44°N	16.37°W	50	12H45	1	4	15.51	35.52	26.26	3.19	57
							50		14.21	35.49	26.54
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
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
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	26.18
26.2.72	14.21°N	17.20°W	50	15H45	1	9	15.21	35.49	26.16	2.99	53
							50		14.11	35.43	26.51
26.2.72	14.15°N	17.29°W	100	18H15	1	10	16.54	35.57	26.08	3.24	58
							55		13.95	35.41	25.53
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

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

Date	Positions		Sonde (m)	Heure	Prof. (m)	Secchi (m)	T°	S ‰	SigmaT	σ _t	2ml/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	9	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	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 R 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	25.69
					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
					10	18.35	36.43	26.29
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	25.79
					200	12.82	35.34	26.71
15.5.72	18.38'N	16.15'W	12	08H30	1	17.86	35.65	25.81
					12	14.50	35.50	26.48
15.5.72	18.37'N	16.24'W	50	11H45	1	16.76	35.50	25.98
					50	13.92	35.39	26.53

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

Date	Positions		Sonde	Heure	Prof.	T°	S ‰	SigmaT
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	25.78
					200	13.46	35.36	26.60
16.5.72	16.48'N	16.46'W	200	08H15	1	17.99	35.61	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	17.67	35.53	25.77
					50	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
					19	16.99	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	11.96	35.25	26.81

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

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
18.5.72	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	35.57	25.12
18.5.72	12.14'N	17.13'W	50	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	24.99
					10	20.69	35.55	25.02
19.5.72	13.40'N	17.00'W	20	11H30	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	19.69	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	13.11	35.32	26.63

S O R T I E : 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	35.67	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	35.57	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	12H55	1	23.86	35.55	24.12
					5	22.28	35.56	24.59
					10	21.99	35.57	24.69
30.5.72	13.53'N	17.05'W	30	14H10	1	23.07	35.62	24.41
					10	21.22	35.59	24.90
					30	19.82	35.54	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

S O R T I E : 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
					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	35.60	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	25.80	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	35.97	24.23

S O R T I E : Prospection Sompat 72.11

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
1.6.72	13.35'N	16.38'W	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	1	22.29	35.66	24.65
					10	21.83	35.62	24.76

S O R T I E : 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	35.81	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	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

S O R T I E : 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	27.50	36.10	23.37
	14.10'N	17.00'W	10	08H15	1	26.78	35.76	23.38
	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
19.7.72	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	23.11
	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	35.76	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	500	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	10	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	O 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		
	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	4.21	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		
23.9.72	15.46'N	16.58'W	250	09H15	1	28.60	35.69	22.60	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'N	16.30'W	20	21H45	1	27.61	35.76	23.12		

S O R T I E : Plancton - 72.16 (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	35	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

S O R T I E : 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	96
					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 I E : Chalutage - Bathurst

72.16 (suite)

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT	T ₀	O ₂ ml/l	% 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	74	
"	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

S O R T I 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	31.92	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.								
24.9.72	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		
"	16.45'N	16.43'W	100	10H30	1	28.89	35.90	22.80		
					100	14.93	35.57	26.44		
"	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	1	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

S O R T I E : 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 (m)	Heure	Prof.	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
	Lat.	Long.								
26.9.72	18.40'N	16.15'W	10	08H20	1	23.12	35.92	24.61	3.72	76
					10	21.91	35.89	24.94	2.73	55
"	18.36'N	16.24'W	50	10H35	1	23.39	35.88	24.51	4.46	92
					50	18.00	35.73	26.32	1.74	32
"	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
"	18.33'N	16.37'W	200	15H30	1	24.01	35.90	24.34	4.73	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

S O R T 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	07H40	1	18.71	36.09	25.95	2.50	47
					23	18.69	36.09	25.96	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

S O R T I E : 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	22.97
					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	34.90	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'N	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'W	5	16H30	5	30.43	35.35	22.15

S O R T I E : Plancton - 72.18

Date	Positions		Sonde (m)	Heure	Prof.	T°	S ‰	SigmaT
	Lat.	Long.						
30.10.72	14.40'N	17.35'W	100	00H30	1	27.47	35.38	22.90
					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
	13.25'N	17.00'W	15		1	29.41	35.51	22.33
	13.40'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

S O R T I E : Plancton - 72.18

Date	Positions		Sonde (m)	Heure	Prof.	T°	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		1	25.35	35.63	23.73
	14.40'N	17.20'W	20		1	26.54	35.59	25.33