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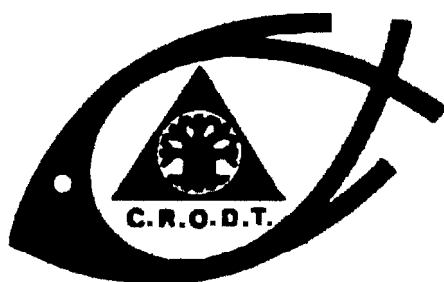
**OBSERVATIONS
PHYSICO - CHIMIQUES ET BIOMASSE
PHYTOPLANCTONIQUE DANS LA
ZONEMARITIMESEN:EGALAISE
1986 -1987**

1

TOME 2

PAR:

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OBSERVATIONS PHYSICO-CHIMIQUES ET BIOMASSE PHYTOPLANCTONIQUE DANS LA ZONE MARITIME SENEGALAISE.

I - PREAMBULE

- Dans le souci d'une meilleure utilisation des résultats , utilisation assurée par une facile manipulation de l'archive , nous avons présenté le document sous deux tomes .
- Le premier tome contient les résultats de toutes les sorties de l'année 1986 , c'est-à-dire les campagnes 8603 , 86 11 , 8617 .
- Le second tome quand à lui renferme les résultats des sorties de l'année 87 (campagnes 8707 , 8715 , 8617) et celle de l'année 88 (campagne 5805) .
- Du fait des positions quasi-identiques des stations durant les sorties 86 11 - 8617 - 8707 - 87 15 - 87 19 , une seule carte de position des stations sera présentée pour ces dites campagnes . Cependant la carte de position des stations de la campagne 8603 sera présentée dans les deux tomes .

II - INTRODUCTION

Avec l'acquisition du navire océanographique «Louis Sauter» , le CRODT a initié à partir de 1986 , un programme d'étude de la circulation des eaux et des mécanismes de production du domaine maritime sénégalais, intitulé « CIRSÉN » (circulation Sénégal) . Le but du programme « CIRSÉN » entre dans les objectifs généraux du Centre de recherches océanographiques , de parvenir à une meilleure gestion des ressources halieutiques nationales.

De 1986 à 1988 sept campagnes ont été effectuées dans le cadre de ce programme : trois campagnes en 1986, trois autres en 1987 et une dernière en 1988. Ces sorties ont été réparties suivant les saisons hydrologiques identifiées par les travaux antérieurs (Rebert 1983, Touré 1983 . ..).

La zone étudiée s'étend de Saint-Louis au cap Roxo et de l'isobathe 10 m à 19° ouest (fig. 1) . Cette zone a été divisée en huit radiales qui comprennent en moyenne huit stations chacune.

A chacune des stations, un profil est effectué à la sonde donnant température, salinité et pression , de laquelle est déduite la profondeur . Une série de prélèvements est également faite à la bouteille Niskin équipée de thermomètres à renversement . L'eau recueillie est utilisée pour les analyses de l'oxygène dissous , des nitrates , des nitrites, des phosphates, des silicates et de la chlorophylle. Ce document présente, outre les données brutes de ces paramètres aux différentes campagnes, les coupes par paramètre pour toutes les campagnes et les cartes de surface correspondantes.

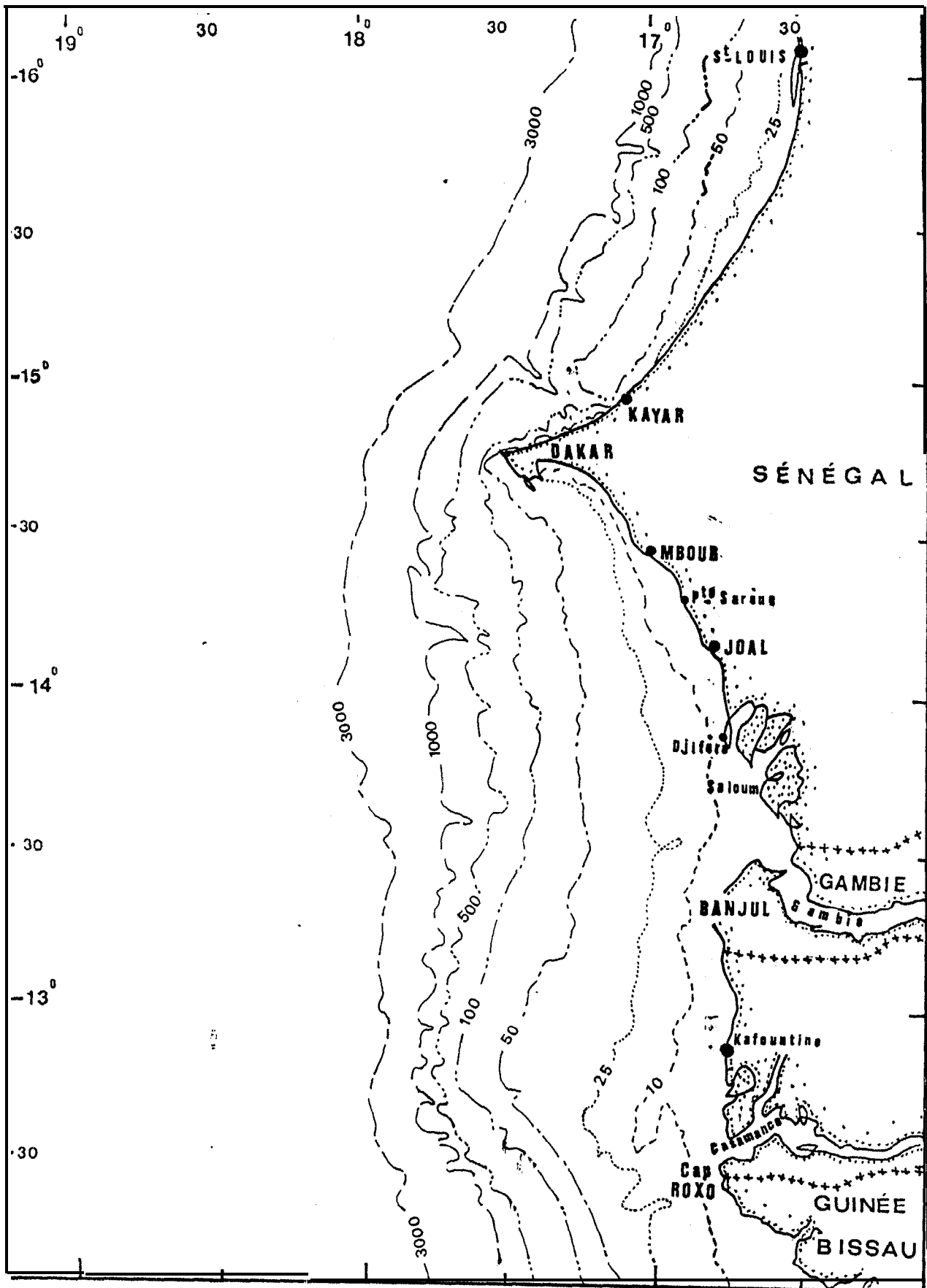
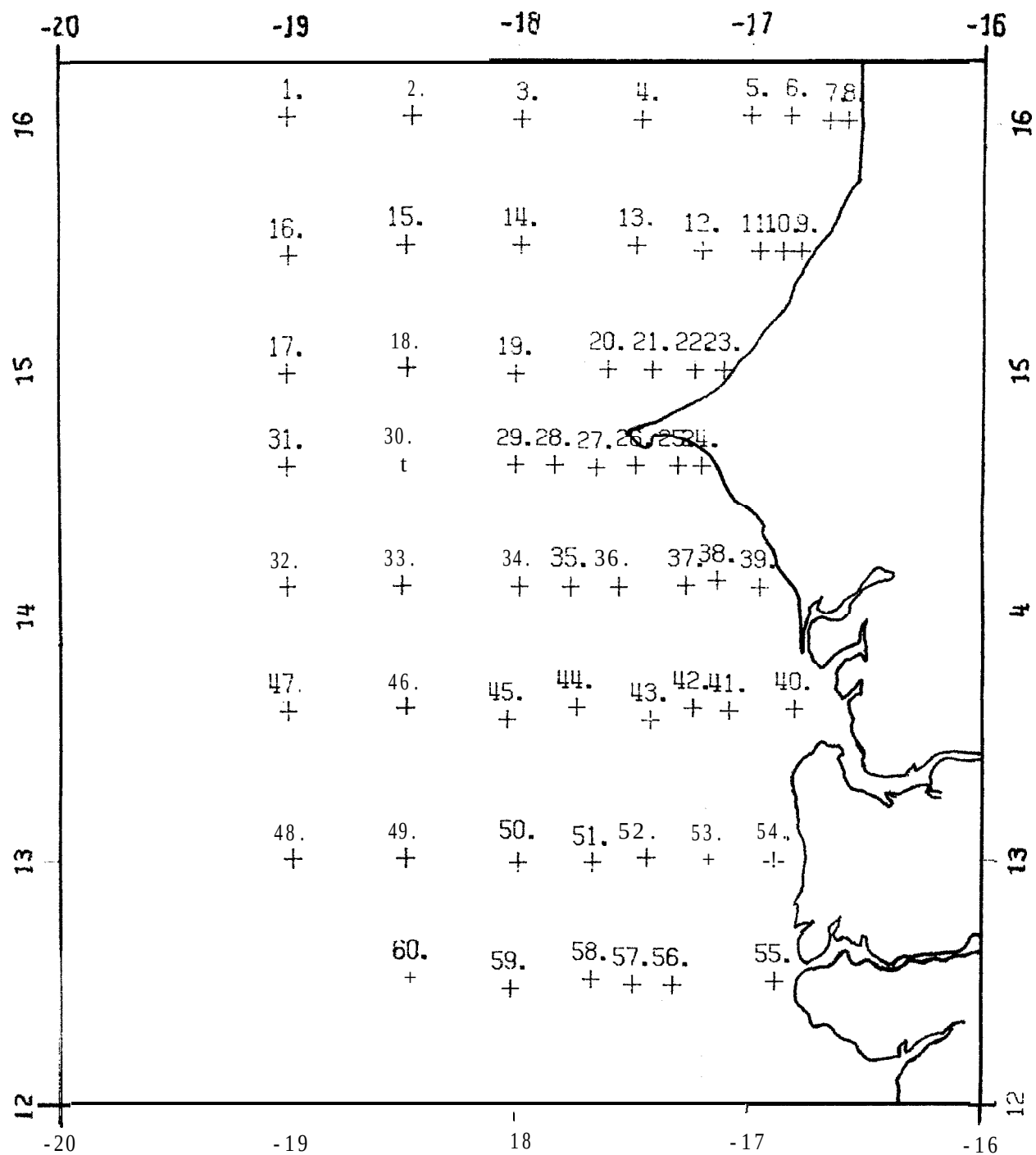
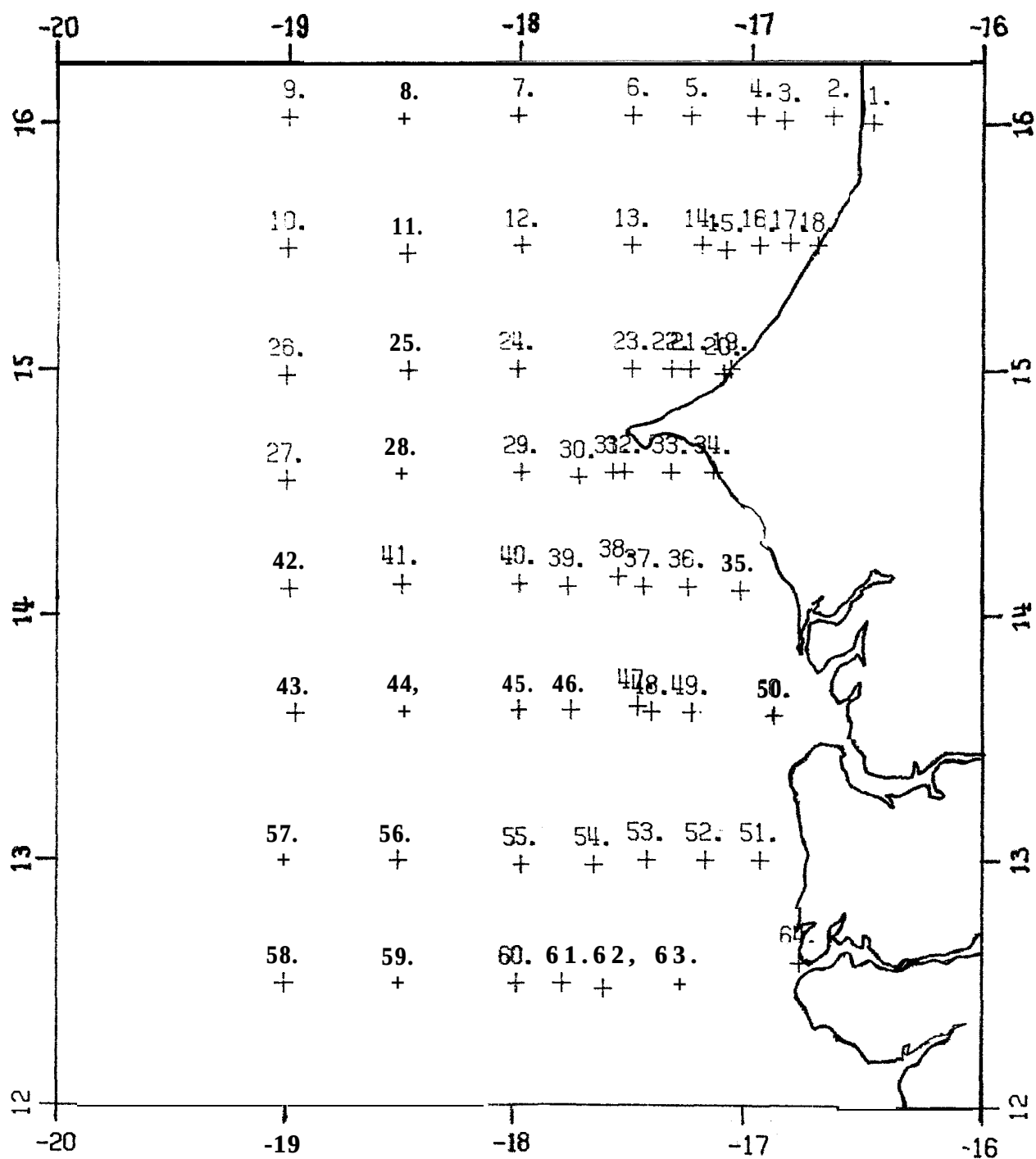


Fig. 1 - Carte bathymétrique et position des principales villes



POSITION DES STATIONS DURING LA CAMPAGNE
8603



POSITION DES STATIONS DURANT LES CAMPAGNES
8611-8617-8707-8715-8719-8805

III-PARAMETRES : METHODOLOGIES ET UNITES.

Les échantillons soutirés des bouteilles Niskin sont conservés en vue du dosage des différents paramètres (congélation pour les sels nutritifs). pour chaque échantillon une seule détermination est faite par paramètre.

a. L'oxygène dissous .

L'oxygène dissous est mesuré par voie chimique suivant la méthode classique de W inkler. L'étalonnage de l'appareil est effectué tous les matins avant le début des analyses grâce à une solution de biodate de potassium. La précision de cette méthode est de 0,01ml/l d'oxygène.

b. Nitrate, Nitrite , Phosphate .

Ces trois éléments ont été dosés simultanément par les méthodes de Murphy et Riley (1962) pour les phosphates , Wood *et al* (1967) pour le nitrate et Bendschneider et Robinson (1952) pour le nitrite. Ces méthodes sont automatisées sur auto-analyseur II à trois voies.

L'étalonnage de l'appareil est effectué chaque matin sur produits **prépesés** et mis en solution dans de l'eau de mer vieillie et filtrée. La dérive de l'appareil a été appréciée sur la même eau de mer chaque heure . Le zéro de l'appareil est réglé sur de l'eau déminéralisée et une correction d'effet de sel est appliquée aux hauteurs de pic en même temps que la correction de dérive pour le calcul des concentrations. Les résultats de sels nutritifs sont exprimés en $\mu\text{atg/l}$. Les précisions sont de 0,02 $\mu\text{atg/l}$ pour le phosphate, de 0,02 à 0,1 $\mu\text{atg/l}$ pour le nitrate et 0,01 $\mu\text{atg/l}$ pour le nitrite.

c. Silicate .

Cet élément est déterminé par la méthode de Murphy et Riley (1955) , modifiée par Strickland et Parsons (1972). La méthode est basée sur la réaction en milieu acide des silicates et du bleu molybdate d'ammonium pour former un complexe bleu silicomolybdique dont la coloration est proportionnelle à la quantité de silicate contenue dans l'échantillon . La solution réductrice utilisée composée d'acide oxalique , d'acide sulfurique et de métholsulfite permet en même temps de supprimer l'interférence des phosphates et ou de leur complexes décomposés. l'intensité de la coloration a été mesurée à 810 nm au spectrophotomètre Bausch-Lomb 2000. La précision de la méthode est de 0,10 $\mu\text{atg/l}$.

d. Chlorophylle « a » et phéopigments .

La chlorophylle « a » a été mesurée par la méthode fluorimétrique classique après extraction dans du méthanol (Holm-Hansen 1955). 250 ml d'eau de mer sont filtrés sur des filtres en fibre de verre Whatman GF/C de 25 mm de diamètre. Le méthanol extrait la chlorophylle en une heure et demi (1 h 30mn) et permet un dosage rapide et aussi efficace qu'avec l'acétone 90 % pendant 24h .

Le fluorimètre utilisé est un Séquoia-Turner 111 équipé d'une lampe F4T5 (maximum d'émission entre 405 et 436 nm),d'un filtre corning cs 560 (maximum de

transmission à 420 nm) à l'émission . L'ensemble présentait un rapport d'acidification de 1,82 à 2,18 avec de la chlorophylle « a » pure (de SIGMA). L'acidification se faisait avec trois gouttes d'HCL 0,5 N sur un volume d'extrait de 4,5 ml . Les phéopigments sont calculés à partir des valeurs après acidification .

e. Température et Salinité

Les bouteilles Niskin utilisées pour le prélèvement des échantillons sont équipées de thermomètres à renversement qui donnent la température de l'eau à un dixième de degré Celsius.

Les profils thermiques et de salinité ont été réalisés à l'aide d'une sonde Neil Brown MKII connectée à une chaîne de traitement sur micro-ordinateur . Les données brutes sont sauvegardées sur disque, sur bande et sur cassette ; un lissage de chacun des profils est réalisé afin de réduire le nombre de données.

Le traitement de l'ensemble des campagnes a été réalisé sans modifications importantes de la chaîne de traitement . Les capteurs de la sonde n'ont cependant pas été étalonnés depuis la réception du matériel. Une dérive de ces capteurs est donc inéluctable, au fur et à mesure du déroulement des campagnes.

IV- PARAMETRES PHYSICO-CHIMIQUES SUIVIS AU COURS DES DIFFERENTES CAMPAGNES EN MER DE 1986 A 1988.

Les données traitées dans ce présent document ont été collectées grâce au navire océanographique le «LOUIS SAUGER ». Les paramètres suivis au cours des différentes campagnes sont : de nature physique et chimique .

1- Les paramètres physiques sont :

- la température sèche notée tsech ,
- la vitesse du vent notée vitvent ,
- la direction du vent notée dirvent ,
- la température de l'eau notée temp ,
- la salinité de l'eau notée salinités ,
- le sigma ,
- la hauteur dynamique notée hdyn .
- les données manquantes sont représentées par le chiffre 99.99 .

La hauteur dynamique permet de déterminer à partir de la température et de la S^0_{∞} la courantologie du milieu .

2- Les paramètres chimiques sont:

- l'oxygène dissous dans l'eau notée O ,
- les nitrates notés NO ,
- les nitrites notés NO ,
- les silicates notés SiO_2 ,
- la chlorophylle totale notée CHLT ,
- les phéopigments notés PHEOP ,

Dans les tableaux des données chimiques les abréviations RAD représentent les radiales .

L'analyse spatio-temporelle des résultats sera facilitée par les paramètres de position tels que:

- le numéro de chaque prélèvement noté row ,
- le numéro de la campagne ,
- le numéro de la station ,
- les latitudes et les longitudes ,
- les niveaux désignant les numéros des différentes immersions ou profondeurs explorées au niveau de chaque station .

V-PRESENTATION DES RESULTATS.

Les résultats des sorties CIRSEN (circulation des eaux océaniques sénégalaises) encore appelées sorties L-SAUGER sont présentés sous les trois formes suivantes :

1- Sous la forme de cartes de surface , chaque carte prenant en compte l'évolution d'un seul paramètre de la côte vers le large. Ces cartes de surface permettent surtout de localiser les upwellings et de voir leurs périodes de renforcement.

2- Sous la forme de coupes verticales qui traduisent la distribution en deux dimensions (horizontale et verticale) d'un paramètre suivi : de la côte vers le large et de la surface vers la limite inférieure de l'immersion.

En plus de l'étendue de la zone d'activités biologiques , ces coupes fournissent l'immersion de la thermocline en fonction des saisons.

3- Sous la forme de données brutes qui permettront d'envisager d'autres cas de figure pouvant aboutir à des interprétations plus détaillées .

Cependant , ces résultats ont déjà fait l'objet d'un document scientifique réalisé par (Dème Gningue , Roy et Touré , 1990) .

CAMPAGNE LOUIS SAUGER 8707

DU 11/03/1987 AU 18/03/1987

DONNEES PHYSIQUES

campagne	stations	heures	latitudes	longitudes	fond	tsech	vifvent	dirvent	Immersions	temp	salinité	sigm	hdyn	radiales
8707	1	6.28	1600	1629	12	18.60	14	0	0	17.19	35.51	25.90	0.10	1
8707	1	4.28	1600	1629	12	18.60	1	0	5	19.14	35.58	25.92	0.00	1
8707	2	8.06	1620	1639	50	20.20	16	0	0	19.55	35.61	25.35	0.92	1
8907	2	8.06	1620	1639	50	20.20	16	0	5	19.55	35.61	25.35	0.79	1
8707	2	8.06	1620	1639	50	20.20	16	0	10	19.19	35.61	25.44	0.66	1
8707	2	8.06	1620	1639	50	20.20	16	0	15	17.67	35.62	25.83	0.54	1
8907	2	8.06	1620	1639	50	20.20	16	0	20	17.01	35.63	25.99	0.44	1
8907	2	8.06	1620	1639	50	20.20	16	0	25	16.52	35.63	26.11	0.34	1
8707	2	8.06	1620	1639	50	20.20	16	0	30	15.89	35.59	26.22	0.25	1
8707	2	8.06	1620	1639	50	20.20	16	0	35	15.38	35.55	26.31	0.16	1
8707	2	8.06	1620	1639	50	20.20	16	0	40	15.15	35.54	26.35	0.08	1
8907	2	8.06	1620	1639	50	20.20	16	0	45	15.03	35.64	26.38	0.00	1
8909	3	10.00	1610	1652	98	21.80	11	335	0	19.38	35.61	25.39	1.82	1
8907	3	10.00	1610	1652	98	21.80	11	335	5	19.36	35.63	25.40	1.69	1
8907	3	10.00	1610	1652	98	21.80	11	335	10	19.30	35.63	25.42	1.56	1
8709	3	10.00	1610	1652	98	21.80	11	335	15	19.23	35.63	25.44	1.44	1
8707	3	10.00	1610	1652	98	21.80	11	335	20	18.82	35.63	25.54	1.31	1
8909	3	10.00	1610	1652	98	21.80	11	335	25	17.74	35.62	25.81	1.20	1
8707	3	10.00	1610	1652	98	21.80	11	335	30	17.07	35.61	25.97	1.09	1
8907	3	10.00	1610	1652	98	21.80	11	335	35	16.78	35.61	26.03	0.99	1
8707	3	10.00	1610	1652	98	21.80	11	335	40	16.54	35.60	26.08	0.90	1
8707	3	10.00	1610	1652	98	21.80	11	335	45	15.96	35.58	26.20	0.80	1
8707	3	10.00	1610	1652	98	21.80	11	335	50	15.41	35.55	26.31	0.72	1
8709	3	10.00	1610	1652	98	21.80	11	335	55	15.19	35.54	26.35	0.63	1
8909	3	10.00	1610	1652	98	21.80	11	335	60	14.92	35.51	26.39	0.55	1
8709	3	10.00	1610	1652	96	21.80	11	335	65	14.86	35.51	26.40	0.47	1
8707	3	10.00	1610	1652	96	21.80	11	335	70	14.79	35.51	26.41	0.39	1
a907	3	10.00	1610	1652	98	21.80	11	335	75	14.73	35.51	26.42	0.31	1
8907	3	10.00	1610	1652	98	21.80	11	335	80	14.64	35.50	26.43	0.23	1
8907	3	10.00	1610	1652	98	21.80	11	335	85	14.55	35.49	26.45	0.15	1
8707	3	10.00	1610	1652	98	21.80	11	335	90	14.44	35.49	26.46	0.07	1
8907	3	10.00	1610	1652	98	21.80	11	335	95	14.26	35.47	26.49	0.00	1
8707	4	11.52	1620	1659	518	20.90	11	0	0	19.14	35.67	25.49	5.80	1
8907	4	12.52	1620	1659	518	20.90	11	0	5	19.14	35.67	25.49	5.68	1
8907	4	12.52	1620	1659	518	20.90	11	0	10	18.90	35.65	25.54	5.56	1
8907	4	12.52	1620	1659	518	20.90	11	0	15	18.63	35.65	25.61	5.44	1
8907	4	12.52	1620	1659	518	20.90	11	0	20	16.69	35.59	26.04	5.33	1
8907	4	12.52	1620	1659	518	20.90	11	0	25	15.97	35.59	26.20	5.24	1
19907	4	12.52	1620	1659	518	20.90	11	0	30	15.72	35.59	26.26	5.15	1
8707	4	12.52	1620	1659	518	20.90	11	0	35	15.45	35.59	26.31	5.06	1
8707	4	12.52	1620	1659	518	20.90	11	0	40	15.00	35.54	26.38	4.98	1
8907	4	12.52	1620	1659	518	20.90	11	0	45	14.85	35.52	26.41	4.90	1
8707	4	12.52	1620	1659	518	20.90	11	0	50	14.73	35.51	26.42	4.82	1
8707	4	12.52	1620	1659	518	20.90	11	0	55	14.65	35.50	26.43	4.94	1
8707	4	12.52	1620	1659	518	20.90	11	0	60	14.60	35.50	26.44	4.66	1
8707	4	11.52	1620	1659	518	20.90	11	0	65	14.55	35.49	26.45	4.58	1
8707	4	12.52	1620	1659	518	20.90	11	0	70	14.49	35.40	26.46	4.50	1
8707	4	12.52	1620	1659	518	20.90	11	0	95	14.35	35.49	26.40	4.43	1
8707	4	12.52	1620	1659	518	20.90	11	0	80	14.25	35.47	26.49	4.35	1
8707	4	12.52	1620	1659	518	20.90	11	0	85	14.16	35.46	26.51	4.27	1
8707	4	12.52	1620	1659	518	20.90	11	0	90	14.09	35.45	26.52	4.20	1
8907	4	12.52	1620	1659	518	20.90	11	0	95	14.05	35.45	26.52	4.12	1
8907	4	12.52	1620	1659	518	20.90	11	0	100	14.01	35.45	26.53	4.05	1
8707	4	12.52	1620	1659	518	20.90	11	0	110	13.92	35.44	26.54	3.90	1
8707	4	12.52	1620	1659	518	20.90	11	0	120	13.85	35.43	26.55	3.75	1
8707	4	12.52	1620	1659	518	20.90	11	0	130	13.99	35.43	26.56	3.61	1
8707	4	12.52	1620	1659	518	20.90	11	0	140	13.91	35.42	26.57	3.46	1
8907	4	12.52	1620	1659	518	20.90	11	0	150	13.60	35.41	26.58	3.32	1
8707	4	11.52	1620	1659	518	20.90	11	0	160	13.49	35.40	26.60	3.17	1
8707	4	11.52	1620	1659	518	20.90	11	0	170	13.49	35.40	26.60	3.03	1
8707	4	12.52	1620	1659	518	20.90	11	0	180	13.42	35.39	26.61	2.89	1
8707	4	12.52	1620	1659	518	20.90	11	0	190	13.29	35.38	26.63	2.75	1
8707	4	12.52	1620	1659	518	20.90	11	0	200	13.24	35.37	26.63	2.61	1
8907	4	12.52	1620	1659	518	20.90	11	0	210	13.19	35.36	26.63	2.47	1
8707	4	12.52	1620	1659	518	20.90	11	0	220	13.11	35.36	26.65	2.33	1
8707	4	12.52	1620	1659	518	20.90	11	0	230	12.94	35.36	26.68	2.19	1
8707	4	12.52	1620	1659	518	20.90	11	0	240	12.89	35.36	26.69	2.06	1
8707	4	12.52	1620	1659	518	20.90	11	0	250	12.74	35.36	26.72	1.93	1
8709	4	12.52	1620	1659	51.3	20.90	11	0	260	12.69	35.36	26.73	1.80	1
8707	4	12.52	1620	1659	518	20.90	11	0	270	12.65	35.36	26.74	1.67	1
8707	4	12.52	1620	1659	518	20.90	11	0	280	12.58	35.35	26.75	1.54	1
8707	4	12.52	1620	1659	518	20.90	11	0	290	12.44	35.34	26.77	1.41	1
8707	4	12.52	1620	1659	518	20.90	11	0	300	12.37	35.34	26.78	1.29	1
8707	4	12.52	1620	1659	518	20.90	11	0	310	12.22	35.34	26.81	1.16	1
8709	4	12.52	1620	1659	518	20.90	11	0	320	12.15	35.34	26.82	1.04	1
8707	4	12.52	1620	1659	518	20.90	11	0	330	12.11	35.34	26.83	0.92	1
8707	4	12.52	1620	1659	518	20.90	11	0	340	12.08	35.34	26.84	0.80	1
8707	4	12.52	1620	1659	518	20.90	11	0	350	12.05	35.35	26.85	0.68	1
8707	4	12.52	1620	1659	518	20.90	11	0	360	12.00	35.35	26.86	0.56	1
8707	4	12.52	1620	1659	518	20.90	11	0	370	11.92	35.35	26.87	0.44	1

campagne	stations	heures	latitudes	longitudes	fond	fsech	vitvent	dirvent	immersions	temp	salinité	sgm	hdyn	radioles
8707	4	12.52	1620	1659	518	20.90	11	0	380	11.74	35.34	26.90	0.33	1
8707	4	12.52	1620	1659	518	20.90	11	0	390	11.61	35.34	26.92	0.22	1
8707	4	11.51	1620	1659	518	20.90	11	0	400	11.53	35.33	26.93	0.10	1
8707	4	12.52	1620	1659	518	20.90	11	0	410	11.45	35.33	26.95	0.00	1
8707	5	16.05	1620	1715	1900	13.m	13	335	0	20.71	35.79	25.17	8.19	1
8707	5	16.05	1620	-1715	1900	23.W	13	335	5	20.63	35.79	25.19	8.05	1
8707	5	16.05	1620	1715	1900	23.m	13	335	10	20.06	35.76	25.32	7.91	1
8707	5	16.05	1620	1715	1900	23.m	13	335	15	19.58	35.75	25.44	7.78	1
8707	5	16.05	1620	1715	1900	23.00	13	335	20	19.36	35.76	25.51	7.66	1
8707	5	16.05	-1620	1715	1900	23.00	13	336	25	19.23	35.79	25.56	7.5	1
8707	5	16.05	1620	1715	1900	23.00	13	335	30	18.45	35.74	25.72	7.42	1
8707	5	16.05	1620	1715	1900	23.00	13	335	35	17.53	35.69	25.92	7.31	1
a707	5	16.05	1620	1715	1900	23.00	13	335	40	16.85	35.66	26.06	7.21	1
8707	5	16.05	1620	1715	1900	23.00	13	335	45	16.45	35.65	26.14	7.12	1
8707	5	16.05	1620	1715	1900	23.00	13	335	50	15.83	35.63	26.27	7.03	1
8707	5	16.05	1620	1715	1900	-23.00	13	335	55	15.53	35.62	26.33	6.94	1
8707	5	16.05	1620	1715	1900	23.00	13	335	60	15.29	35.60	26.36	6.86	1
8707	5	16.05	1620	1715	1900	23.00	13	335	65	15.10	35.58	26.39	6.70	1
8707	5	16.05	1620	1715	1900	23.m	13	335	70	15.03	35.58	26.41	6.70	1
8707	5	16.05	1620	1715	1900	23.00	13	335	75	14.94	35.57	26.42	6.62	1
8707	5	16.05	1620	1715	1900	23.00	13	335	80	14.80	35.55	26.44	6.54	1
8707	5	16.05	1620	1715	1900	23.00	13	335	85	14.64	35.54	26.46	6.46	1
6707	5	16.05	1620	1715	1900	13.m	13	335	90	14.47	35.52	26.48	6.38	1
6707	5	16.05	1620	1715	1900	23.00	13	335	95	14.33	35.50	26.50	6.31	1
6707	5	16.05	1620	1715	1900	23.m	13	335	100	14.23	35.49	26.51	6.23	1
8707	5	16.05	1620	1715	1900	23.00	13	335	110	13.95	35.45	26.55	6.08	1
8707	5	16.05	1620	1715	1900	23.m	13	335	120	13.67	35.41	26.57	5.94	1
0707	5	16.05	1620	1715	1900	23.00	13	335	130	13.48	35.40	26.60	5.79	1
8707	5	16.05	-1620	1715	1900	23.m	13	335	140	13.35	35.39	26.62	5.65	1
0707	5	16.05	1620	1715	1900	13.m	13	335	150	13.21	35.37	26.63	5.51	1
8707	5	16.05	1620	1715	1900	23.00	13	335	160	13.07	35.36	26.66	5.37	1
8707	5	16.05	1620	1715	1900	23.00	13	335	170	12.99	35.36	26.68	5.24	1
6707	5	10.05	1620	1715	1900	23.00	13	335	180	12.86	35.35	26.69	5.10	1
8707	5	16.05	1620	1715	1900	23.W	13	335	190	12.77	35.35	26.70	4.97	1
6707	5	16.05	1620	1715	1900	23.00	13	335	200	12.69	35.34	26.72	4.84	1
8707	5	16.05	1620	1715	1900	23.00	13	335	210	12.59	35.34	26.74	4.71	1
8707	5	16.05	1620	1715	1900	23.m	13	335	220	12.52	35.35	26.75	4.58	1
0707	5	16.05	1620	1715	1900	23.m	13	335	230	12.48	35.35	26.77	4.45	1
6707	5	16.05	1620	1715	1900	23.00	13	335	240	12.42	35.36	26.78	4.33	1
8707	5	16.05	1620	1715	1900	23.00	13	335	250	12.34	35.35	26.8	4.20	1
8707	5	16.05	1620	1715	1900	23.00	13	335	260	12.26	35.34	26.80	4.08	1
8707	5	16.05	1620	-1715	1900	23.00	13	335	270	12.03	35.31	26.02	3.96	1
8707	5	16.05	1620	1715	1900	23.00	13	335	280	11.91	35.30	26.84	3.84	1
8707	5	16.05	1620	1715	1900	23.00	13	335	290	11.94	35.32	26.8	3.72	1
8707	5	16.05	1620	1715	1900	13.m	13	335	300	11.88	35.33	26.86	3.60	1
6707	5	16.05	1620	1715	1900	23.W	13	335	310	11.82	35.33	26.87	3.48	1
6707	5	16.05	1620	1715	1900	23.W	13	335	320	11.77	35.33	26.88	3.37	1
6707	5	16.05	-1620	1715	1900	23.00	13	335	330	11.67	35.33	26.91	3.25	1
8707	5	16.05	1620	1715	1900	23.00	13	335	340	11.59	35.34	26.93	3.14	1
8707	5	16.05	1620	1715	1900	23.00	13	335	350	11.59	35.34	26.93	3.03	1
6707	5	16.05	1620	1715	1900	23.00	13	335	360	11.48	35.34	26.95	2.92	1
8707	5	16.05	1620	1715	1900	23.00	13	335	370	11.39	35.33	26.96	2.81	1
8707	5	16.05	1620	1715	1900	23.m	13	335	380	11.31	35.33	26.97	2.71	1
8707	5	16.05	1620	1715	1900	23.W	13	335	390	11.22	35.32	26.98	2.60	1
0707	5	16.05	1620	1715	1900	23.00	13	335	400	11.11	35.32	27.00	2.49	1
6707	5	16.05	1620	1715	1900	13.00	13	335	410	-11.02	35.32	27.02	2.39	1
8707	5	16.05	1620	1715	1900	23.W	13	335	420	10.92	35.31	27.03	2.29	1
8707	5	16.05	1620	1715	1900	13.m	13	335	430	10.83	35.31	27.04	2.19	1
8707	5	16.05	1620	1715	1900	23.00	13	335	440	10.68	35.29	27.05	2.09	1
8707	5	16.05	1620	1715	1900	23.00	13	335	450	10.45	35.25	27.07	1.99	1
8707	5	16.00	1620	1715	1900	23.00	13	335	460	10.36	35.25	27.05	1.89	1
8707	5	16.05	1715	1715	1900	-23.00	13	335	470	10.28	35.24	27.09	1.80	1
6707	5	16.05	1620	1715	1-900	23.00	13	335	480	10.19	35.24	27.10	1.70	1
6707	5	16.05	1620	1715	1900	23.00	13	335	490	10.12	35.23	27.11	1.61	1
8707	5	16.05	1620	1715	1900	23.00	13	335	500	10.06	35.22	27.12	1.51	1
8707	5	16.05	1620	1715	1900	23.00	13	335	520	9.81	35.19	27.14	1.33	1
8707	5	16.05	1620	1715	1900	23.00	13	335	540	9.50	35.16	27.16	1.15	1
6707	5	16.05	1620	1715	1900	13.m	13	335	560	9.23	35.14	27.19	0.97	1
8707	5	16.05	1620	1715	1900	23.00	13	335	580	9.90	35.10	27.20	0.80	1
8707	5	16.05	1620	1715	1900	23.00	13	335	600	8.76	35.09	27.23	0.63	1
6707	5	16.05	1620	1715	1900	23.W	13	335	620	8.45	35.05	27.24	0.47	1
6707	5	16.05	1620	1715	1900	23.W	13	335	640	8.23	35.03	27.26	0.31	1
8707	5	16.05	1520	1715	1900	23.00	13	335	660	8.03	35.01	27.28	0.15	1
6707	5	18.05	1620	1715	1900	23.00	13	335	680	7.90	34.99	27.30	0.00	1
6707	5	16.05	1620	1715	1900	23.00	13	335	700	99.99	99.99	99.99	99.99	1
6707	6	19.01	1620	1730	2500	22.60	13	335	0	21.80	35.97	25.02	8.55	1
8707	6	19.01	1620	1730	2500	22.60	13	335	5	21.77	35.97	25.02	8.40	1
0707	6	19.01	1620	1730	2500	22.M	13	335	10	21.72	35.97	25.04	8.25	1
6707	6	19.01	1620	1730	2500	22.60	13	335	15	21.54	35.98	25.09	8.11	1
8707	6	19.01	1620	1730	2500	22.60	13	335	20	20.68	36.04	25.37	7.97	1

campagne	stations	heures	latitudes	s	fond	tsech	vilvent	dirvent	immersions	temp	salinité	sgm	hdyn	radiales
8707	6	19.01	1620	1730	2500	22.60	13	335	25	20.12	36.04	25.52	7.85	
5707	6	19.01	1620	1730	2500	22.60	13	335	30	19.83	36.06	25.61	7.73	
8707	6	19.01	1620	1730	2500	22.60	13	335	35	19.44	36.02	25.60	7.61	
8707	6	19.01	1620	1730	2500	22.60	13	335	40	18.79	35.94	25.79	7.50	
8707	6	19.01	1620	1730	2500	22.60	13	335	45	18.13	35.85	25.89	7.39	
8707	6	19.01	1620	1730	2500	22.60	13	335	50	17.77	35.82	25.95	7.29	
5707	6	19.01	1620	1730	2500	22.60	13	335	55	17.57	35.82	26.00	7.19	
8707	6	19.01	1620	1730	2500	22.60	13	335	60	17.12	35.77	26.08	7.09	
8707	6	19.01	1620	1730	2500	22.60	13	335	65	16.61	35.72	26.16	7.00	
8707	6	19.01	1620	1730	2500	22.60	13	335	70	16.24	35.70	26.23	6.91	
8707	6	19.01	1620	1730	2500	22.60	13	335	75	15.70	35.65	26.31	6.82	
0707	6	19.01	1620	1730	2500	22.60	13	335	80	15.30	35.61	26.37	6.74	
8707	6	19.01	1620	1730	2500	22.60	13	335	85	15.15	35.60	26.40	6.65	
8707	6	19.01	1620	1730	2500	22.60	13	335	90	15.09	35.62	26.43	6.57	
8707	6	19.01	1620	1730	2500	22.60	13	335	95	15.01	35.62	26.45	6.50	
8707	6	19.01	1620	1730	2500	22.60	13	335	100	14.80	35.61	26.48	6.42	
8707	6	19.01	1620	1730	2500	22.60	1 3	335	110	14.38	35.54	26.53	6.27	
8707	6	19.01	1620	1730	2500	22.60	13	335	120	14.11	35.51	26.56	6.12	
8707	6	19.01	1620	1730	2500	22.60	13	335	130	13.69	35.49	26.59	5.97	
8707	6	19.01	1620	1730	2500	22.60	13	335	140	13.70	35.46	26.61	5.83	
8707	6	19.01	1620	1730	2500	22.60	43	335	150	13.64	35.46	26.62	5.69	
e m 7	6	19.01	1620	1730	2500	22.60	13	335	160	13.27	35.40	26.65	5.55	
8707	6	19.01	1620	1730	2500	22.60	13	335	170	13.07	35.37	26.66	5.41	
8707	6	19.01	1620	1730	2500	22.60	13	335	180	12.99	35.37	26.68	5.28	
8707	6	19.01	1620	1730	2500	22.60	13	335	190	12.94	35.38	26.70	5.16	
8707	6	19.01	1620	1730	2500	22.60	13	335	200	12.70	35.34	26.72	5.01	
8 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	210	12.37	35.28	26.74	4.88	
8707	6	19.01	1620	1730	2500	22.60	13	335	220	12.23	35.28	26.76	4.76	
8707	6	19.01	1620	1730	2500	22.60	13	335	230	12.21	35.28	26.77	4.63	
8707	6	19.01	1620	1730	2500	22.60	13	335	240	12.29	35.34	26.79	4.50	
8707	6	19.01	1620	1730	2500	22.60	13	335	250	12.27	35.35	26.81	4.38	
8707	6	19.01	1620	1730	2500	22.60	13	335	260	12.16	35.35	26.82	4.26	
8707	6	19.01	1620	1730	2500	22.60	13	335	270	12.02	35.33	26.84	4.14	
a 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	280	11.85	35.30	26.85	4.02	
8 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	290	11.79	35.31	26.87	3.90	
8707	6	19.01	1620	1730	2500	22.60	13	335	300	11.76	35.31	26.87	3.78	
8707	6	19.01	1620	1730	2500	22.60	13	335	310	11.74	35.32	26.88	3.67	
8707	6	19.01	1620	1730	2500	22.60	13	335	320	11.71	35.32	26.89	3.55	
8707	6	19.01	1620	1730	2500	22.60	13	335	330	11.71	35.33	26.90	3.44	
8707	6	19.01	1620	1730	2500	22.60	13	335	340	11.62	35.33	26.91	3.33	
8707	6	19.01	1620	1730	2500	22.60	13	335	350	11.59	35.34	26.93	3.21	
8707	6	19.01	1620	1730	2500	22.60	13	335	360	11.54	35.34	26.94	3.10	
8707	6	19.01	1620	1730	2500	22.60	13	335	370	11.44	35.34	26.96	2.99	
8707	6	19.01	1620	1730	2500	22.60	13	335	380	11.38	35.34	26.97	2.89	
8707	6	19.01	1620	1730	2500	22.60	13	335	390	11.26	35.33	26.98	2.78	
8707	6	19.01	1620	1730	2500	22.60	13	335	400	11.18	35.32	26.99	2.67	
8707	6	19.01	1620	1730	2500	22.60	13	335	410	11.05	35.31	27.00	2.57	
8707	6	19.01	1620	1730	2500	22.60	13	335	420	10.92	35.30	27.02	2.47	
8 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	430	10.77	35.29	27.04	2.37	
8707	6	19.01	1620	1730	2500	22.60	13	335	440	10.67	35.28	27.05	2.26	
8707	6	19.01	1620	1730	2500	22.60	13	335	450	10.64	35.28	27.06	2.17	
8707	6	19.01	1620	1730	2500	22.60	13	335	460	10.55	35.27	27.07	2.07	
8707	6	19.01	1620	1730	2500	22.60	13	335	470	10.43	35.26	27.08	1.97	
8707	6	19.01	1620	1730	2500	22.60	13	335	480	10.28	35.25	27.09	1.87	
8 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	490	10.13	35.23	27.11	1.78	
8 7 0 7	6	19.01	1620	1730	2500	22.60	13	335	500	9.98	35.22	27.13	1.69	
8707	6	19.01	1620	1730	2500	22.60	13	335	520	9.60	35.18	27.15	1.50	
8707	6	19.01	1620	1730	2500	22.60	13	335	540	9.51	35.17	27.16	1.38	
8707	6	19.01	1620	1730	2500	22.60	13	335	560	9.36	35.15	27.17	1.15	
8707	6	19.01	1620	1730	2500	22.60	13	335	580	9.21	35.14	27.19	0.97	
8707	6	19.01	1620	1730	2500	22.60	13	335	600	9.04	35.12	27.20	0.80	
8707	6	19.01	1620	1730	2500	22.60	13	335	620	8.79	35.10	27.23	0.63	
8707	6	19.01	1620	1730	2500	22.60	13	335	640	8.56	35.07	27.24	0.47	
8707	6	19.01	1620	1730	2500	22.60	13	335	660	8.40	35.05	27.25	0.31	
0707	6	19.01	1620	1730	2500	22.60	13	335	680	8.20	35.05	27.28	0.15	
8707	6	19.01	1620	1730	2500	22.60	13	335	700	8.04	35.03	27.29	0.00	
8707	7	23.11	1620	1800	2500	21.90	16	0	0	21.89	35.89	24.92	8.39	
5707	7	23.11	1620	1800	2500	21.90	18	0	5	21.89	35.89	24.92	8.24	
8707	7	23.11	1620	1800	2500	21.90	18	0	10	21.89	35.89	24.92	8.09	
8707	7	23.11	1620	1800	2500	21.90	18	0	15	21.88	35.87	24.91	7.93	
8707	7	23.11	1620	1800	2500	21.90	18	0	20	20.43	35.71	25.19	7.79	
8707	7	23.11	1620	1800	2500	21.90	18	0	25	19.24	35.66	25.46	7.66	
8707	7	23.11	1620	1800	2500	21.90	18	0	30	18.43	35.66	25.67	7.54	
8707	7	23.11	1620	1800	2500	21.90	18	0	35	17.85	35.66	25.82	7.43	
5707	7	23.11	1620	1800	2500	21.90	18	0	40	17.19	35.66	25.97	7.32	
8707	7	23.11	1620	1800	2500	21.90	18	0	45	16.66	35.63	26.08	7.22	
8707	7	23.11	1620	1800	2500	21.90	18	0	50	16.26	35.63	26.17	7.13	
8707	7	23.11	1620	1800	2500	21.90	18	0	55	15.96	35.60	26.22	7.04	
8707	7	23.11	1620	1800	2500	21.90	18	0	60	15.78	35.61	26.26	6.95	
8707	7	23.11	1620	1800	2500	21.90	18	0	65	15.68	35.65	26.32	6.86	

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	7	23.11	1620	1800	2500	21.90	18	0	70	15.58	35.71	26.39	6.78	1
8707	7	23.11	1620	1800	2500	21.90	18	0	75	15.33	35.70	26.44	6.70	1
8707	7	23.11	1620	1800	2500	21.90	18	0	80	15.06	35.66	26.46	6.62	1
8707	7	23.11	1620	1800	2500	21.90	18	0	85	14.79	35.61	26.49	6.55	1
8707	7	23.11	1620	1800	2500	21.90	18	0	90	14.56	35.58	26.51	6.47	1
8707	7	23.11	1620	1800	2500	21.90	18	0	95	14.25	35.51	26.53	6.40	1
0707	7	23.11	1620	1800	2500	21.90	18	0	100	14.06	35.48	26.54	6.32	1
8707	7	23.11	1620	1800	2500	21.90	18	0	110	13.90	35.46	26.56	6.17	1
9707	7	23.11	1620	1800	2500	21.90	18	0	120	13.58	35.42	26.59	6.03	1
8707	7	23.11	1620	1800	2500	21.90	18	0	130	13.49	35.42	26.61	5.69	1
8707	7	23.11	1620	1800	2500	21.90	18	0	140	13.34	35.40	26.64	5.75	1
8707	7	23.11	1620	1800	2500	21.90	18	0	150	13.29	35.40	26.65	5.61	1
8707	7	23.11	1620	1800	2500	21.90	18	0	160	13.19	35.40	26.64	5.47	1
8707	7	23.11	1620	1800	2500	21.90	18	0	170	13.02	35.38	26.65	5.34	1
0707	7	23.11	1620	1800	2500	21.90	0	0	180	12.90	35.38	26.71	5.20	1
0707	7	23.11	1620	1800	2500	21.90	18	0	190	12.85	35.39	26.72	5.07	1
0707	7	23.11	1620	1800	2500	21.90	0	0	200	12.64	35.37	26.75	4.94	1
0707	7	23.11	1620	1800	2500	21.90	18	0	210	12.54	35.36	26.77	4.82	1
8707	7	23.11	1620	1800	2500	21.90	18	0	220	12.47	35.36	26.70	4.69	1
8707	7	23.11	1620	1800	2500	21.90	18	0	230	12.45	35.37	26.79	4.57	1
8707	7	23.11	1620	1800	2500	21.90	0	0	240	12.33	35.37	26.81	4.44	1
8707	7	23.11	1620	1800	2500	21.90	18	0	250	12.22	35.36	26.83	4.32	1
8707	7	23.11	1620	1800	2500	21.90	18	0	260	12.15	35.36	26.64	4.20	1
8707	7	23.11	1620	1800	2500	21.90	18	0	270	12.22	35.40	26.85	4.08	1
8707	7	23.11	1620	1800	2500	21.90	18	0	280	12.24	35.41	26.86	3.96	1
8707	7	23.11	1620	1800	2500	21.90	18	0	290	12.14	35.40	26.87	3.85	1
8707	7	23.11	1620	1800	2500	21.90	18	0	300	11.97	35.37	26.88	3.73	1
8707	7	23.11	1620	1800	2500	21.90	18	0	310	11.79	35.36	26.90	3.62	1
0707	7	23.11	1620	1800	2500	21.90	18	0	320	11.67	35.34	26.91	3.50	1
8707	7	23.11	1620	1800	2500	21.90	18	0	330	11.54	35.33	26.93	3.39	1
8707	7	23.11	1620	1800	2500	21.90	18	0	340	11.41	35.32	26.95	3.28	1
8707	7	23.11	1620	1800	2500	21.90	18	0	350	11.34	35.32	26.96	3.17	1
8707	7	23.11	1620	1800	2500	21.90	18	0	360	11.28	35.31	26.97	3.06	1
8707	7	23.11	1620	1800	2500	21.90	18	0	370	11.17	35.30	26.98	2.96	1
8707	7	23.11	1620	1800	2500	21.90	18	0	380	11.10	35.30	26.99	2.85	1
0707	7	23.11	1620	1800	2500	21.90	18	0	390	11.03	35.30	27.00	2.75	1
8707	7	23.11	1620	1800	2500	21.90	18	0	400	10.96	35.30	27.01	2.64	1
8707	7	23.11	1620	1800	2500	21.90	18	0	410	10.90	35.29	27.02	2.54	1
8707	7	23.11	1620	1800	2500	21.90	18	0	420	10.86	35.32	27.05	2.44	1
8707	7	23.11	1620	1800	2500	21.90	18	0	430	10.76	35.30	27.05	2.34	1
8707	7	23.11	1620	1800	2500	21.90	18	0	MO	10.51	36.27	27.07	2.24	1
8707	7	23.11	1620	1800	2500	21.90	18	0	450	10.46	35.27	27.08	2.14	1
8707	7	23.11	1620	1800	2500	21.90	18	0	460	10.28	35.25	27.10	2.05	1
8707	7	23.11	1620	1800	2500	21.90	18	0	470	10.19	35.24	27.11	1.95	1
8707	7	23.11	1620	1800	2500	21.90	18	0	480	10.03	35.22	27.12	1.86	1
8707	7	23.11	1620	1800	2500	21.90	18	0	490	9.86	35.19	27.13	1.77	1
8707	7	23.11	1620	1800	2500	21.90	18	0	500	9.64	35.16	27.14	1.68	1
8707	7	23.11	1620	1800	2500	21.90	18	0	520	9.36	35.12	27.15	1.49	1
8707	7	23.11	1620	1800	2500	21.90	18	0	540	9.22	35.11	27.16	1.32	1
6707	7	23.11	1620	1800	2500	21.90	18	0	560	9.16	35.12	27.18	1.14	1
8707	7	23.11	1620	1800	2500	21.90	18	0	580	9.10	35.13	27.20	0.97	1
8707	7	23.11	1620	1800	2500	21.90	18	0	600	8.94	35.11	27.21	0.80	1
8707	7	23.11	1620	1800	2500	21.90	18	0	620	8.74	35.09	27.23	0.63	1
8707	7	23.11	1620	1800	2500	21.90	18	0	640	8.53	35.07	27.24	0.47	1
8707	7	23.11	1620	1800	2500	21.90	18	0	660	8.23	35.03	27.26	0.31	1
8707	7	23.11	1620	1800	2500	21.90	18	0	680	8.09	35.02	27.20	0.15	1
8707	7	23.11	1620	1800	2500	21.90	18	0	700	7.97	35.02	27.29	0.00	1
8707	8	2.46	1620	1830	3000	21.50	17	10	0	22.21	35.93	24.86	8.11	1
8707	8	2.46	1620	1830	3000	21.50	17	10	5	22.20	35.93	24.86	7.96	1
6707	8	2.46	1620	1830	3000	21.50	17	10	10	22.18	35.93	24.67	7.81	1
8707	8	2.46	1620	1830	3000	21.50	17	10	15	21.85	35.92	24.96	7.66	1
8707	8	2.46	1620	1830	3000	21.50	17	10	20	20.47	35.97	25.37	7.52	1
8707	8	2.46	1620	1830	3000	21.50	17	10	25	20.00	35.95	25.49	7.39	1
8707	8	2.46	1620	1830	3000	21.50	17	10	30	19.69	35.98	25.59	7.27	1
8707	8	2.46	1620	1830	3000	21.50	17	10	35	19.27	36.96	25.65	7.15	1
8707	8	2.46	1620	1830	3000	21.50	17	10	40	18.88	35.93	25.76	7.04	1
6707	8	2.46	1620	1830	3000	21.50	17	10	45	18.21	35.87	25.88	6.93	1
8707	8	2.46	1620	1830	3000	21.50	17	10	50	17.34	35.89	26.11	6.83	1
8707	8	2.46	1620	1830	3000	21.50	17	10	55	16.73	35.85	26.23	6.74	1
8707	8	2.46	1620	1830	3000	21.50	17	10	60	16.24	35.80	26.31	6.65	1
8707	8	2.46	1620	1830	3000	21.50	17	10	65	15.63	35.71	26.30	6.51	1
8707	8	2.46	1620	1830	3000	21.50	17	10	70	15.52	35.73	26.42	6.49	1
8707	8	2.46	1620	1830	3000	21.50	17	10	75	15.28	35.71	26.46	6.41	1
8707	8	2.46	1620	1830	3000	21.50	17	10	80	14.89	35.66	26.51	6.33	1
8707	8	2.46	1620	1830	3000	21.50	17	10	85	14.55	35.61	26.54	6.26	1
8707	8	2.46	1620	1830	3000	21.50	17	10	90	14.38	35.58	26.55	6.18	1
8707	8	2.46	1620	1830	3000	21.50	17	10	95	14.27	35.57	26.57	6.11	1
8707	8	2.46	1620	1830	3000	21.50	17	10	100	14.16	35.57	26.59	6.04	1
8707	8	2.46	1620	1830	3000	21.50	17	10	110	13.77	35.51	26.63	5.90	1
8707	8	2.46	1620	1830	3000	21.50	17	10	120	13.58	35.50	26.66	5.76	1

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	mmersions	temp	salinité	sigm	hdyn	radiales
8707	8	2.46	1620	1830	3000	-21.60	17	10	130	13.52	35.51	26.68	5.62	1
8707	8	2.46	1620	1830	3000	21.50	7	10	140	13.40	35.50	26.70	5.49	1
8707	8	2.46	1620	1830	3000	21.50	7	10	150	13.08	35.45	26.73	5.56	1
0707	8	2.46	1620	1830	3000	21.50	17	10	160	11.96	35.44	26.74	5.23	1
8707	8	2.46	1620	1830	3000	21.50	7	10	170	12.87	35.44	26.75	5.10	1
8707	8	2.46	1620	1830	3000	21.50	17	10	180	12.82	35.44	26.77	4.97	1
8707	8	2.46	1620	1830	3000	21.50	7	10	190	12.64	35.42	26.79	4.85	1
8707	8	2.46	1620	1830	3000	21.50	17	10	200	12.52	35.40	26.80	4.71	1
8707	8	2.46	1620	1830	3000	21.50	17	10	210	12.48	35.42	26.82	4.60	1
8707	8	2.46	1620	1830	3000	21.50	7	10	220	12.40	35.42	26.84	4.48	1
8707	8	2.46	1620	1830	3000	21.50	7	10	230	12.28	35.41	26.85	4.36	1
8707	8	2.46	1620	1830	3000	21.50	17	10	240	12.14	35.40	26.87	4.25	1
8707	8	2.46	1620	1830	3000	21.50	7	10	250	12.05	35.40	26.88	4.13	1
8707	8	2.46	1620	1830	3000	21.50	17	10	260	11.95	35.39	26.90	4.01	1
8707	8	2.46	1620	1830	3000	21.50	7	10	270	11.84	35.38	26.91	3.90	1
8707	8	2.46	1620	1830	3000	21.50	7	10	280	11.69	35.36	26.93	3.79	1
8707	8	2.46	1620	1830	3000	21.50	17	10	290	11.61	35.36	26.95	3.68	1
8707	8	2.46	1620	1830	3000	21.50	17	10	300	11.46	35.35	26.96	3.57	1
8707	8	2.46	1620	1830	3000	21.50	17	10	310	11.37	35.34	26.97	3.45	1
8707	8	2.46	1620	1830	3000	21.50	17	10	320	11.24	35.32	26.98	3.36	1
8707	8	2.46	1620	1830	3000	21.50	17	10	330	11.17	35.32	26.99	3.25	1
8707	8	2.46	1620	1830	3000	21.50	7	10	340	11.12	35.32	27.00	3.15	1
8707	8	2.46	1620	1830	3000	21.50	17	10	350	11.03	35.32	27.01	3.04	1
8707	8	2.46	1620	1830	3000	21.50	17	10	360	10.96	35.32	27.03	2.94	1
8707	8	2.46	1620	1830	3000	21.50	1 7	10	370	10.76	35.29	27.04	2.84	1
8707	8	2.46	1620	1830	3000	21.50	7	10	380	10.69	35.29	27.05	2.74	1
8707	8	2.46	1620	1830	3000	21.50	17	10	390	10.67	35.29	27.06	2.64	1
8797	8	2.46	1620	1830	3000	21.50	7	10	400	10.55	35.27	27.07	2.54	1
8707	8	2.46	1620	1830	3000	21.50	7	10	410	10.40	35.26	27.08	2.44	1
8707	8	2.46	1620	1830	3000	21.50	17	10	420	10.38	35.27	27.09	2.35	1
8707	8	2.46	1620	1830	3000	21.50	17	10	430	10.27	35.25	27.10	2.25	1
8707	8	2.46	1620	1830	3000	21.50	7	10	440	10.16	35.24	27.11	2.16	1
8707	8	2.46	1620	1830	3000	21.50	1 7	10	450	10.01	35.21	27.12	2.07	1
8707	8	2.46	1620	1830	3000	21.50	7	10	460	9.90	35.21	27.13	1.95	1
8707	8	2.46	1620	1830	3000	21.50	17	10	470	9.80	35.20	27.14	1.88	1
8707	8	2.46	1620	1830	3000	21.50	17	10	480	9.70	35.19	27.15	1.79	1
8707	8	2.46	1620	1830	3000	21.50	17	10	490	9.59	35.18	27.16	1.70	1
8707	8	2.46	1620	1830	3000	21.50	7	10	500	9.49	35.17	27.17	1.61	1
8707	8	2.46	1620	1830	3000	21.50	17	10	520	9.18	35.13	27.19	1.44	1
8707	8	2.46	1620	1830	3000	21.50	17	10	540	8.97	35.11	27.21	1.27	1
8707	8	2.46	1620	1830	3000	21.50	17	10	560	8.78	35.09	27.22	1.10	1
8707	8	2.46	1620	1830	3000	21.50	17	10	580	8.55	35.06	27.24	0.93	1
8707	8	2.46	1620	1830	3000	21.50	7	10	600	8.41	35.05	27.25	0.77	1
8707	8	2.46	1620	1830	3000	21.50	7	10	620	8.26	35.03	27.26	0.61	1
8707	8	2.46	1620	1830	3000	21.50	7	10	640	8.10	35.02	27.27	0.45	1
8707	8	2.46	1620	1830	3000	21.50	7	10	660	7.91	35.01	27.29	0.30	1
8707	8	2.46	1620	1830	3000	21.50	7	10	680	7.77	35.00	27.31	0.14	1
8707	8	2.46	1620	1830	3000	21.50	7	10	700	7.61	34.98	27.32	0.00	1
8707	9	6.27	1620	1900	3000	21.10	20	10	0	22.22	36.04	24.94	8.28	1
8707	9	6.27	1620	1900	3000	21.10	20	10	5	22.21	36.04	24.94	8.14	1
8707	9	6.27	1620	1900	3000	21.10	20	10	10	22.21	36.04	24.94	7.99	1
8707	9	6.27	1620	1900	3000	21.10	20	10	15	22.21	34.04	24.94	-7.84	1
8707	9	6.27	1620	1900	3000	21.10	20	10	20	22.21	36.04	24.94	7.69	1
8707	9	6.27	1620	1900	3000	21.10	20	10	25	21.15	36.02	25.23	7.54	1
8707	9	6.27	1620	1900	3000	21.10	20	10	30	20.75	36.15	25.43	7.41	1
8707	9	6.27	1620	1900	3000	21.10	2 0	10	35	20.56	36.17	25.50	7.29	1
8707	9	6.27	1620	1900	3000	21.10	20	10	40	19.88	36.05	25.59	7.16	1
8707	9	6.27	1620	1900	3000	21.10	20	10	45	19.44	36.09	25.74	7.05	1
8707	9	6.27	1620	1900	3000	21.10	20	10	50	17.71	35.94	26.07	6.95	1
8707	9	6.27	1620	1900	3000	21.10	20	10	55	16.99	35.96	26.26	6.85	1
8707	9	6.27	1620	1900	3000	21.10	20	10	60	16.62	35.94	26.32	6.77	1
8707	9	6.27	1620	1900	3000	21.10	20	10	65	16.69	36.05	26.39	6.68	1
8707	9	6.27	1620	1900	3000	21.10	20	10	70	16.25	35.98	26.44	6.61	1
8707	9	6.27	1620	1900	3000	21.10	20	10	75	16.01	36.94	26.47	6.53	1
8707	9	6.27	1620	1900	3000	21.10	20	10	80	15.83	35.92	26.49	6.45	1
8707	9	6.27	1620	1900	3000	21.10	20	10	85	15.54	35.88	26.53	6.37	1
8707	9	6.27	1620	1900	3000	21.10	20	10	90	15.37	35.86	26.55	6.30	1
8707	9	6.27	1620	1900	3000	21.10	20	10	95	14.40	35.77	26.59	6.23	1
8707	9	6.27	1620	1900	3000	21.10	20	10	100	14.59	35.70	26.60	6.16	1
8707	9	6.27	1620	1900	3000	21.10	20	10	110	14.25	35.64	26.63	6.02	1
8707	9	6.27	1620	1900	3000	21.10	20	10	120	14.36	35.69	26.64	5.88	1
8707	9	6.27	1620	1900	3000	21.10	20	10	130	13.86	35.61	26.68	5.74	1
8707	9	6.27	1620	1900	3000	21.10	20	10	140	13.51	35.52	26.69	5.61	1
8707	9	6.27	1620	1900	3000	21.10	20	10	150	13.29	35.50	26.72	5.47	1
8707	9	6.27	1620	1900	3000	21.10	20	10	160	13.15	35.47	26.73	5.34	1
8707	9	6.27	1620	1900	3000	21.10	20	10	170	13.04	35.46	26.74	5.21	1
8707	9	6.27	1620	1900	3000	21.10	20	10	180	12.95	35.46	26.76	5.08	1
8707	9	6.27	1620	1900	3000	21.10	20	10	190	12.87	35.47	26.78	4.96	1
8707	9	6.27	1620	1900	3000	21.10	20	10	200	12.83	35.47	26.79	4.83	1
8707	9	6.27	1620	1900	3000	21.10	20	10	210	12.57	35.42	26.80	4.71	1

campagne	stations	heures	latitudes	longitudes	fond	tech	vivent	clivent	immersions	temp	salinité	sgm	hdyn	radioles
8707	9	6.27	1620	1900	3000	21.10	20	10	220	12.44	35.41	26.82	4.59	1
8707	9	6.27	1620	1900	3000	21.10	20	10	230	12.40	35.41	26.83	4.47	1
8707	9	6.27	1620	1900	3000	21.10	20	10	240	12.32	35.41	26.84	4.35	1
8707	9	6.27	1620	1900	3000	21.10	20	10	250	12.24	35.41	26.86	4.23	1
8707	9	6.27	1620	1900	3000	21.10	20	10	260	12.25	35.44	26.88	4.11	1
8707	9	6.27	1620	1900	3000	21.10	20	10	270	12.05	35.40	26.89	4.00	1
8707	9	6.27	1620	1900	3000	21.10	20	10	280	11.89	35.38	26.90	3.88	1
8707	9	6.27	1620	1900	3000	21.10	20	10	290	11.88	35.39	26.91	3.77	1
8707	9	6.27	1620	1900	3000	21.10	20	10	300	11.68	35.36	26.93	3.66	1
8707	9	6.27	1620	1900	3000	21.10	20	10	310	11.64	35.36	26.94	3.55	1
8707	9	6.27	1620	1900	3000	21.10	20	10	320	11.51	35.35	26.95	3.44	1
8707	9	6.27	1620	1900	3000	21.10	20	10	330	11.45	35.36	26.96	3.33	1
8707	9	6.27	1620	1900	3000	21.10	20	10	340	11.37	35.34	26.97	3.22	1
8707	9	6.27	1620	1900	3000	21.10	20	10	350	11.26	35.33	26.98	3.11	1
8707	9	6.27	1620	1900	3000	21.10	20	10	360	11.18	35.32	26.99	3.01	1
8707	9	6.27	1620	1900	3000	21.10	20	10	370	11.10	35.32	27.01	2.90	1
8707	9	6.27	1620	1900	3000	21.10	20	10	380	11.02	35.32	27.02	2.80	1
8707	9	6.27	1620	1900	3000	21.10	20	10	390	10.93	35.31	27.03	2.70	1
8707	9	6.27	1620	1900	3000	21.10	20	10	400	10.84	35.30	27.04	2.60	1
8707	9	6.27	1620	1900	3000	21.10	20	10	410	10.75	35.30	27.05	2.50	1
8707	9	6.27	1620	1900	3000	21.10	20	10	420	10.65	35.29	27.06	2.40	1
8707	9	6.27	1620	1900	3000	21.10	20	10	430	10.55	35.28	27.07	2.30	1
8707	9	6.27	1620	1900	3000	21.10	20	10	440	10.46	35.27	27.08	2.20	1
8707	9	6.27	1620	1900	3000	21.10	20	10	450	10.37	35.27	27.09	2.11	1
8707	9	6.27	1620	1900	3000	21.10	20	10	460	10.26	35.25	27.10	2.01	1
8707	9	6.27	1620	1900	3000	21.10	20	10	470	10.13	35.24	27.12	1.92	1
8707	9	6.27	1620	1900	3000	21.10	20	10	480	10.02	35.23	27.13	1.83	1
8707	9	6.27	1620	1900	3000	21.10	20	10	490	9.93	35.22	27.14	1.74	1
8707	9	6.27	1620	1900	3000	21.10	20	10	500	9.78	35.20	27.15	1.64	1
8707	9	6.27	1620	1900	3000	21.10	20	10	520	9.62	35.20	27.17	1.47	1
8707	9	6.27	1620	1900	3000	21.10	20	10	540	9.34	35.16	27.19	1.29	1
8707	9	6.27	1620	1900	3000	21.10	20	10	560	8.97	35.10	27.20	1.12	1
8707	9	6.27	1620	1900	3000	21.10	20	10	580	8.66	35.06	27.21	0.95	1
8707	9	6.27	1620	1900	3000	21.10	20	10	600	8.44	35.03	27.23	0.78	1
8707	9	6.27	1620	1900	3000	21.10	20	10	620	8.24	35.02	27.25	0.62	1
8707	9	6.27	1620	1900	3000	21.10	20	10	640	7.98	34.98	27.26	0.46	1
8707	9	6.27	1620	1900	3000	21.10	20	10	660	7.78	34.97	27.28	0.30	1
8707	9	6.27	1620	1900	3000	21.10	20	10	680	7.74	34.97	27.29	0.15	1
8707	9	6.27	1620	1900	3000	21.10	20	10	700	7.63	34.97	27.30	0.00	1
8707	10	11.10	1620	1900	0	0.00	0	0	0	22.63	35.86	24.70	8.63	2
8707	10	11.10	1620	1900	0	0.00	0	0	5	22.61	35.86	24.70	8.47	2
8707	10	11.10	1620	1900	0	0.00	0	0	10	22.59	35.86	24.71	8.31	2
8707	10	11.10	1620	1900	0	0.00	0	0	15	22.58	35.86	24.71	8.15	2
8707	10	11.10	1620	1900	0	0.00	0	0	20	21.97	35.93	24.93	7.99	2
8707	10	11.10	1620	1900	0	0.00	0	0	25	21.36	35.94	25.11	7.85	2
8707	10	11.10	1620	1900	0	0.00	0	0	30	21.12	35.94	25.18	7.70	2
8707	10	11.10	1620	1900	0	0.00	0	0	35	20.91	35.95	25.24	7.57	2
8707	10	11.10	1620	1900	0	0.00	0	0	40	20.68	35.95	25.30	7.43	2
8707	10	11.10	1620	1900	0	0.00	0	0	45	20.50	35.96	25.36	7.30	2
8707	10	11.10	1620	1900	0	0.00	0	0	50	20.28	35.96	25.42	7.17	2
8707	10	11.10	1620	1900	0	0.00	0	0	55	19.80	35.94	25.53	7.05	2
8707	10	11.10	1620	1900	0	0.00	0	0	60	19.00	35.89	25.70	6.93	2
8707	10	11.10	1620	1900	0	0.00	0	0	65	18.02	36.81	25.88	6.82	2
8707	10	11.10	1620	1900	0	0.00	0	0	70	17.51	35.90	26.08	6.72	2
8707	10	11.10	1620	1900	0	0.00	0	0	75	16.68	35.90	26.28	6.63	2
8707	10	11.18	1620	1900	0	0.00	0	0	80	16.30	35.87	26.34	6.54	2
8707	10	11.10	1620	1900	0	0.00	0	0	85	15.98	35.84	26.39	6.46	2
8707	10	11.10	1620	1900	0	0.00	0	0	90	15.68	35.80	26.44	6.38	2
8707	10	11.10	1620	1900	0	0.00	0	0	95	15.17	35.73	26.50	6.31	2
8707	10	11.10	1620	1900	0	0.00	0	0	100	14.74	35.66	26.54	6.23	2
8707	10	11.10	1620	1900	0	0.00	0	0	110	14.25	35.57	26.57	6.08	2
8707	10	11.10	1620	1900	0	0.00	0	0	120	13.91	35.51	26.60	5.94	2
8707	10	11.10	1620	1900	0	0.00	0	0	130	13.67	35.49	26.63	5.80	2
8707	10	11.10	1620	1900	0	0.00	0	0	140	13.45	35.46	26.65	5.66	2
8707	10	11.10	1620	1900	0	0.00	0	0	150	13.37	35.46	26.67	5.53	2
8707	10	11.10	1620	1900	0	0.00	0	0	160	13.15	35.43	26.70	5.39	2
8707	10	11.10	1620	1900	0	0.00	0	0	170	12.95	35.42	26.72	5.26	2
8707	10	11.10	1620	1900	0	0.00	0	0	180	12.88	35.42	26.74	5.13	2
8707	10	11.10	1620	1900	0	0.00	0	0	190	12.82	35.42	26.75	5.00	2
8707	10	11.10	1620	1900	0	0.00	0	0	200	12.72	35.42	26.77	4.87	2
8707	10	11.10	1620	1900	0	0.00	0	0	210	12.71	35.43	26.78	4.75	2
8707	10	11.10	1620	1900	0	0.00	0	0	220	12.60	35.42	26.80	4.62	2
8707	10	11.10	1620	1900	0	0.00	0	0	230	12.66	35.47	26.82	4.50	2
8707	10	11.10	1620	1900	0	0.00	0	0	240	12.55	35.45	26.83	4.38	2
8707	10	11.10	1620	1900	0	0.00	0	0	250	12.24	35.39	26.85	4.26	2
8707	10	11.10	1620	1900	0	0.00	0	0	260	12.09	35.38	26.87	4.14	2
8707	10	11.10	1620	1900	0	0.00	0	0	270	12.03	35.39	26.88	4.03	2
8707	10	11.10	1620	1900	0	0.00	0	0	280	11.93	35.39	26.90	3.91	2
8707	10	11.10	1620	1900	0	0.00	0	0	290	11.80	35.37	26.91	3.80	2
8707	10	11.10	1620	1900	0	0.00	0	0	300	11.69	35.36	26.92	3.69	2

campagne	stations	hautes	latitudes	longitudes	Fond	Isch	vivent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	10	11.10	1620	1900	0	0.00	0	0	310	11.67	35.34	26.93	3.58	2
8707	10	11.10	1620	1900	0	0.00	0	0	320	11.62	35.36	26.94	3.47	2
8707	10	11.10	1620	1900	0	0.00	0	0	330	11.56	35.36	26.95	3.36	2
8707	10	11.10	1620	1900	0	0.00	0	0	340	11.48	35.35	26.96	3.25	2
a707	10	11.10	1620	1900	0	0.00	0	0	350	11.39	35.34	26.97	3.14	2
8707	10	11.10	1620	1900	0	0.00	0	0	360	11.29	35.33	26.98	3.03	2
0707	10	11.10	1620	1900	0	0.00	0	0	370	11.14	35.32	26.99	2.93	2
8707	10	11.10	1620	1900	0	0.00	0	0	380	11.03	35.31	27.01	2.82	2
5707	10	11.10	1620	1900	0	0.00	0	0	390	10.91	35.29	27.02	2.72	2
8707	10	11.10	1620	1900	0	0.00	0	0	400	10.78	35.28	27.03	2.62	2
8707	10	11.10	1620	1900	0	0.00	0	0	410	10.66	35.27	27.05	2.52	2
8707	10	11.10	1620	1900	0	0.00	0	0	420	10.55	35.26	27.06	2.42	2
8707	10	11.10	1620	1900	0	0.00	0	0	430	10.44	35.25	27.07	2.32	2
8707	10	11.10	1620	1900	0	0.00	8	0	440	10.34	35.24	27.08	2.22	2
8707	10	11.10	1620	1900	0	0.00	0	0	450	10.23	35.23	27.09	2.13	2
8707	10	11.10	1620	1900	0	0.00	0	0	460	10.13	35.22	27.10	2.03	2
8707	10	11.10	1620	1900	0	0.00	0	0	470	10.04	35.21	27.10	1.94	2
8707	10	11.10	1620	1900	0	0.00	0	0	480	9.93	35.20	27.12	1.84	2
8707	10	11.10	1620	1900	0	0.00	0	0	490	9.81	35.18	27.13	1.75	2
8707	10	11.10	1620	1900	0	0.00	0	0	500	9.70	35.17	27.14	1.66	2
8707	10	11.10	1620	1900	0	0.00	0	0	52a	9.45	35.15	27.16	1.48	2
8707	10	11.10	1620	1900	0	0.00	0	0	560	9.25	35.12	27.17	1.30	2
5707	10	11.10	1620	1900	0	0.00	0	0	580	9.07	35.11	27.19	1.13	2
8707	10	11.10	1620	1900	0	0.00	0	0	600	8.95	35.10	27.21	0.96	2
8707	10	11.10	1620	1900	0	0.00	0	0	620	8.74	35.08	27.22	0.79	2
8707	10	11.10	1620	1900	0	0.00	0	0	640	8.51	35.06	27.24	0.62	2
8707	10	11.10	1620	1900	0	0.00	0	0	660	8.32	35.04	27.26	0.46	2
0707	10	11.10	1620	1900	0	0.00	0	0	680	8.13	35.02	27.27	0.30	2
8707	10	11.10	1620	1900	0	0.00	0	0	700	7.95	35.01	27.29	0.15	2
8707	11	15.35	1529	1829	3000	22.60	18	20	0	7.70	35.00	27.31	0.00	2
8707	11	15.35	1529	1829	3000	22.60	18	20	5	22.55	35.93	24.77	0.46	2
8707	11	15.35	1529	1829	3000	22.60	18	20	10	22.53	35.94	24.78	8.30	2
8707	11	15.35	1529	1829	3000	22.60	18	20	15	22.51	35.94	24.78	8.14	2
8707	11	15.35	1529	1829	3000	22.60	18	20	20	22.46	35.94	24.80	7.99	2
8707	11	15.35	1529	1829	3000	22.60	18	20	25	22.28	35.92	24.84	7.83	2
8707	11	15.35	1529	1829	3000	22.60	18	20	30	21.41	35.82	25.00	7.68	2
8707	11	15.35	1529	1829	3000	22.60	18	20	35	20.72	35.82	25.19	7.54	2
8707	11	15.35	1529	1829	3000	22.60	18	20	40	20.06	35.80	25.36	7.44	2
8707	11	15.35	1529	1829	3000	22.60	18	20	45	19.63	35.83	25.49	7.28	2
8707	11	15.35	1529	1829	3000	22.60	18	20	50	19.51	35.91	25.55	7.16	2
8707	11	15.35	1529	1829	3000	22.60	18	20	55	18.71	35.89	25.77	7.04	2
8707	11	15.35	1529	1829	3000	22.60	18	20	60	17.59	35.84	26.01	6.94	2
0707	11	15.35	1529	1829	3000	22.60	18	20	65	16.72	35.76	26.16	6.80	2
8707	11	15.35	1529	1829	3000	22.60	18	20	70	16.28	35.71	26.23	6.75	2
8707	11	15.35	1529	1829	3000	22.60	18	20	75	15.70	35.64	26.31	6.66	2
8707	11	15.35	1529	1829	3000	22.60	18	20	80	15.33	35.61	26.37	6.58	2
8707	11	15.35	1529	1829	3000	22.60	18	20	85	15.05	35.60	26.42	6.52	2
8707	11	15.35	1529	1829	3000	22.60	18	20	90	15.11	35.67	26.47	6.44	2
8707	11	15.35	1529	1829	3000	22.60	18	20	95	15.07	35.71	26.50	6.37	2
8707	11	15.35	1529	1829	3000	22.60	18	20	100	14.93	35.69	26.52	6.29	2
8707	11	15.35	1529	1829	3000	22.60	18	20	110	14.87	35.70	26.54	6.15	2
8707	11	15.35	1529	1829	3000	22.60	18	20	120	14.51	35.66	26.59	6.01	2
8707	11	15.35	1529	1829	3000	22.60	18	20	130	14.06	35.50	26.62	5.97	2
8707	11	15.35	1529	1829	3000	22.60	18	20	140	13.65	35.52	26.66	5.73	2
8707	11	15.35	1529	1829	3000	22.60	18	20	150	13.46	35.51	26.69	5.60	2
8707	11	15.35	1529	1829	3000	22.60	18	20	160	13.34	35.51	26.71	5.57	2
8707	11	15.35	1529	1829	3000	22.60	18	20	170	13.19	35.49	26.73	5.34	2
8707	11	15.35	1529	1829	3000	22.60	18	20	180	12.97	35.45	26.75	5.21	2
8707	11	15.35	1529	1829	3000	22.60	18	20	190	12.75	35.41	26.76	5.19	2
8707	11	15.35	1529	1829	3000	22.60	18	20	200	12.52	35.36	26.78	4.96	2
8707	11	15.35	1529	1829	3000	22.60	18	20	210	12.49	35.39	26.79	4.84	2
8707	11	15.35	1529	1829	3000	22.60	18	20	220	12.61	35.44	26.81	4.70	2
8707	11	15.35	1529	1829	3000	22.60	18	20	230	12.68	35.47	26.82	4.62	2
8707	11	15.35	1529	1829	3000	22.60	18	20	240	12.51	35.46	26.84	4.50	2
8707	11	15.35	1529	1829	3000	22.60	18	20	250	12.36	35.44	26.86	4.38	2
8707	11	15.35	1529	1829	3000	22.60	18	20	260	12.27	35.42	26.86	4.26	2
8707	11	15.35	1529	1829	3000	22.60	18	20	270	12.07	35.39	26.88	4.14	2
8707	11	15.35	1529	1829	3000	22.60	18	20	280	11.97	35.39	26.89	4.03	2
8707	11	15.35	1529	1829	3000	22.60	18	20	290	11.89	35.38	26.91	3.92	2
8707	11	15.35	1529	1829	3000	22.60	18	20	300	11.81	35.38	26.92	3.80	2
8707	11	15.35	1529	1829	3000	22.60	18	20	310	11.78	35.37	26.92	3.69	2
8707	11	15.35	1529	1829	3000	22.60	18	20	320	11.68	35.36	26.93	3.58	2
8707	11	15.35	1529	1829	3000	22.60	18	20	330	11.58	35.36	26.94	3.47	2
8707	11	15.35	1529	1829	3000	22.60	18	20	340	11.53	35.36	26.96	3.36	2
8707	11	15.35	1529	1829	3000	22.60	18	20	350	11.39	35.35	26.98	3.25	2
8707	11	15.35	1529	1829	3000	22.60	18	20	360	11.25	35.33	26.99	3.15	2
8707	11	15.35	1529	1829	3000	22.60	18	20	370	11.19	35.33	27.00	3.04	2
8707	11	15.35	1529	1829	3000	22.60	18	20	380	11.15	35.34	27.01	2.94	2
8707	11	15.35	1529	1829	3000	22.60	18	20	390	11.03	35.32	27.02	2.83	2
8707	11	15.35	1529	1829	3000	22.60	18	20	400	10.93	35.31	27.02	2.73	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vifvent	dirvent	immersions	temp	salinité	slgm	hdyn	radiales
8707	11	15.35	1529	1829	3000	12.60	18	20	400	10.85	35.30	27.04	2.63	2
8707	11	15.35	1529	1829	3000	22.60	18	20	410	10.70	35.28	27.05	2.53	2
8707	11	15.35	1529	1829	3000	22.60	18	20	420	10.59	35.27	27.06	2.43	2
8707	11	15.35	1529	1829	3000	22.60	18	20	430	10.52	35.26	27.06	2.33	2
8707	11	15.35	1529	1829	3000	22.60	18	20	440	10.44	35.25	27.07	2.23	2
8707	11	15.35	1529	1829	3000	22.60	18	20	450	10.37	35.25	27.08	2.14	2
8707	11	15.35	1529	1829	3000	22.60	18	20	460	10.23	35.23	27.09	2.04	2
0707	11	15.35	1529	1829	3000	22.60	18	20	470	10.08	35.21	27.10	1.95	2
8707	11	15.35	1529	1829	3000	22.60	18	20	480	9.94	35.20	27.12	1.85	2
8707	11	15.35	1529	1829	3000	22.60	18	20	490	9.78	35.19	27.13	1.76	2
8707	11	15.35	1529	1829	3000	22.60	18	20	500	9.65	35.17	27.14	1.67	2
8707	11	15.35	1529	1829	3000	22.60	18	20	520	9.48	35.15	27.16	1.49	2
8707	11	15.35	1529	1829	3000	22.60	18	20	540	9.33	35.14	27.18	1.31	2
8707	11	15.35	1529	1829	3000	22.60	18	20	560	9.11	35.11	27.19	1.14	2
8707	11	15.35	1529	1829	3000	22.60	18	20	580	8.90	35.09	27.20	0.97	2
6707	11	15.35	1529	1629	3000	22.60	18	20	600	8.71	35.07	27.22	0.80	2
5707	11	15.35	1529	1829	3000	22.60	18	20	620	8.58	35.06	27.23	0.63	2
8707	11	15.35	1529	1829	3000	22.60	18	20	640	8.43	35.04	27.24	0.47	2
8707	11	15.35	1529	1629	3000	22.60	18	20	660	8.24	35.03	27.26	0.31	2
8707	11	15.35	1529	1829	3000	22.60	18	20	680	7.98	35.00	27.28	0.15	2
8707	11	15.35	1529	1529	3000	22.60	18	20	700	7.80	34.98	27.29	0.00	2
8707	12	19.28	1530	1759	3000	21.00	20	20	0	21.90	35.79	24.85	8.23	2
8707	12	19.28	1530	1759	3000	21.00	20	20	5	21.90	35.79	24.85	8.08	2
8707	12	19.28	1530	1759	3000	21.00	20	20	10	21.37	35.76	24.97	7.92	2
6707	12	19.28	1530	1759	3000	21.00	28	20	15	19.00	35.64	25.51	7.79	2
8707	12	19.28	1530	1759	3000	21.00	20	28	20	18.05	35.66	25.76	7.67	2
8707	12	19.28	1530	1759	3000	21.00	20	20	25	17.41	35.60	25.87	7.56	2
8707	12	19.28	1530	1759	3000	21.00	20	20	30	17.04	35.65	26.00	7.46	2
8707	12	19.28	1530	1759	3000	21.00	20	20	35	16.45	35.68	26.16	7.37	2
8707	12	19.28	1530	1759	3000	21.00	20	20	40	15.95	35.66	26.27	7.28	2
8707	12	19.28	1530	1759	3000	21.00	20	20	45	15.57	35.66	26.35	7.19	2
8707	12	19.28	1530	1759	3000	21.00	20	20	50	15.39	35.66	26.39	7.11	2
8707	12	19.28	1530	1759	3000	21.00	20	20	55	15.41	35.71	26.43	7.03	2
8707	12	19.28	1530	1759	3000	21.00	20	20	60	15.48	35.77	26.46	6.95	2
8707	12	19.28	1530	1759	3000	21.00	20	20	65	15.48	35.79	26.47	6.87	2
8707	12	19.28	1530	1759	3000	21.00	20	20	70	15.42	35.79	26.49	6.80	2
8707	12	19.28	1530	1759	3000	21.00	20	20	75	15.05	35.73	26.52	6.72	2
5707	12	19.28	1530	1759	3000	21.00	20	20	80	14.83	35.68	26.53	6.63	2
8707	12	19.28	1530	1759	3000	21.00	20	20	85	14.55	35.63	26.55	6.57	2
8707	12	19.28	1530	1759	3000	21.00	20	20	90	14.23	35.57	26.58	6.50	2
8707	12	19.28	1530	1759	3000	21.00	20	20	95	14.16	35.55	26.58	6.43	2
5707	12	19.28	1530	1759	3000	21.00	20	20	100	13.87	35.49	26.60	6.35	2
8707	12	19.28	1530	1759	3000	21.00	20	20	110	13.58	35.44	26.62	6.21	2
8707	12	19.28	1530	1759	3000	21.00	20	20	120	13.35	35.41	26.63	6.07	2
8707	12	19.28	1530	1759	3000	21.00	20	20	130	13.24	35.38	26.64	5.93	2
8707	12	19.28	1530	1759	3000	21.00	20	20	140	13.14	35.35	26.65	5.80	2
8707	12	19.28	1530	1759	3000	21.00	20	20	150	13.09	35.38	26.67	5.66	2
8707	12	19.28	1530	1759	3000	21.00	20	20	160	13.00	35.38	26.66	5.53	2
8707	12	19.28	1530	1759	3000	21.00	20	20	170	12.90	35.36	26.69	5.39	2
8707	12	19.28	1530	1759	3000	21.00	20	20	180	12.78	35.35	26.71	5.26	2
8707	12	19.28	1530	1759	3000	21.00	20	20	190	12.67	35.33	26.72	5.13	2
8707	12	19.28	1530	1759	3000	21.00	20	20	200	12.56	35.32	26.73	5.00	2
8707	12	19.25	1530	1759	3000	21.00	20	20	210	12.46	35.32	26.74	4.87	2
8707	12	19.28	1530	1759	3000	21.00	20	20	220	12.44	35.33	26.76	4.74	2
8707	12	19.28	1530	1759	3000	21.00	20	20	230	11.49	35.36	26.78	4.61	2
8707	12	19.28	1530	1759	3000	21.00	20	20	240	12.28	35.34	26.80	4.49	2
8707	12	19.21	1530	1759	3000	21.00	20	20	250	12.10	35.31	26.81	4.36	2
8707	12	19.28	1530	1759	3000	21.00	20	20	260	12.07	35.30	26.81	4.24	2
8707	12	19.28	1530	1759	3000	21.00	20	20	270	12.06	35.33	26.83	4.12	2
8707	12	19.28	1530	1759	3000	21.00	20	20	280	12.06	35.34	26.84	4.00	2
8707	12	19.28	1530	1759	3000	21.00	20	20	290	11.94	35.34	26.86	3.88	2
8707	12	19.28	1530	1759	3000	21.00	20	20	300	12.03	35.38	26.87	3.77	2
8707	12	19.28	1530	1759	3000	21.00	20	20	310	11.95	35.38	26.89	3.65	2
8707	12	19.28	1530	1759	3000	21.00	20	20	320	11.78	35.36	26.91	3.54	2
8707	12	19.28	1530	1759	3000	21.00	20	20	330	11.62	35.33	26.91	3.42	2
8707	12	19.28	1530	1759	3000	21.00	20	20	340	11.57	35.33	26.93	3.31	2
8707	12	19.28	1530	1759	3000	21.00	20	20	350	11.49	35.34	26.94	3.20	2
8707	12	19.28	1530	1759	3000	21.00	20	20	360	11.44	35.34	26.95	3.09	2
8707	12	19.28	1530	1759	3000	21.00	20	20	370	11.44	35.34	26.96	2.98	2
8707	12	19.28	1530	1759	3000	21.00	20	20	380	11.36	35.34	26.97	2.88	2
8707	12	19.28	1530	1759	3000	21.00	20	20	390	11.26	35.33	26.98	2.77	2
8707	12	19.28	1530	1759	3000	21.00	20	20	400	11.17	35.32	26.99	2.66	2
8707	12	19.28	1530	1759	3000	21.00	20	20	410	10.98	35.29	27.01	2.66	2
8707	12	19.28	1530	1759	3000	21.00	20	20	420	10.94	35.29	27.02	2.46	2
8707	12	19.28	1530	1759	3000	21.00	20	20	430	10.80	35.28	27.03	2.35	2
8707	12	19.28	1530	1759	3000	21.00	20	20	440	10.67	35.27	27.04	2.25	2
8707	12	19.28	1530	1759	3000	21.00	20	20	450	10.52	35.25	27.06	2.15	2
8707	12	19.28	1530	1759	3000	21.00	20	20	460	10.38	35.24	27.07	2.05	2
8707	12	19.28	1530	1759	3000	21.00	20	20	470	10.19	35.23	27.09	1.96	2
8707	12	19.28	1530	1759	3000	21.00	20	20	480	10.11	35.22	27.10	1.86	2

campagne	stations	heures	latitudes	longitudes	fond	tech	vitvent	dirvent	immersions	temp	salinité	slgm	hdyn	radiales
8707	12	19.28	1530	1759	3000	21.00	m	m	490	10.00	35.20	27.11	1.77	2
e757	12	19.28	1530	1759	3000	21.00	m	m	500	9.89	35.19	27.12	1.67	2
8707	12	19.28	1530	1759	3000	21.00	m	m	520	9.68	35.17	27.14	1.49	2
8707	12	19.28	1530	17 59	3000	21.00	20	m	540	9.40	35.14	27.16	1.31	2
8757	12	19.28	1530	1759	3000	21.00	20	m	560	9.11	35.15	27.18	1.13	2
8707	12	19.28	1530	1759	3000	21.00	m	20	580	8.92	35.09	27.20	0.96	2
8707	12	19.28	1530	1759	3000	21.00	20	20	600	0.67	35.57	27.22	0.79	2
e m 7	12	19.28	1530	1759	3000	21.00	m	20	620	8.53	35.55	27.23	0.63	2
8707	12	19.28	1530	1759	3000	21.00	m	m	640	8.20	35.01	27.25	0.46	2
8707	12	19.28	1530	1759	3000	21.00	25	20	660	8.08	35.01	27.26	0.31	2
6 7 5 7	12	19.28	1530	1759	3000	21.00	m	m	680	1.97	35.01	27.28	0.15	2
8707	12	19.28	1530	1759	3000	21.00	m	m	700	7.77	34.99	27.30	0.00	2
8707	13	23.12	1530	1730	3000	20.30	16	0	0	20.28	35.72	25.24	8.48	2
8707	13	23.12	1530	1730	3000	20.30	16	0	5	20.28	35.73	25.25	8.35	2
0707	13	23.12	1530	1730	3000	20.30	16	0	10	20.28	35.74	25.25	8.21	2
8707	13	23.12	1530	1730	3000	20.30	16	0	15	20.26	35.76	25.27	8.08	2
a707	13	23.12	1530	1730	3000	20.30	16	0	20	19.56	35.74	25.44	7.95	2
8707	13	23.12	1530	1730	3000	20.30	16	0	25	18.75	35.74	25.67	7.83	2
8707	13	23.12	1530	1730	3000	20.30	16	0	30	18.15	35.75	25.78	7.7	2
8707	13	23.12	1530	1730	3000	20.30	16	0	35	17.53	35.61	25.85	7.61	2
a707	13	23.12	1530	1730	3000	20.30	16	0	40	17.23	35.58	25.90	7.50	2
0707	13	23.12	1530	1730	3000	20.30	16	0	45	16.94	35.59	25.98	7.40	2
8707	13	23.12	1530	1730	3000	20.30	16	0	50	16.59	35.54	26.10	7.30	2
8707	13	23.12	1530	1730	3000	20.30	16	0	55	16.18	35.63	26.19	7.21	2
8707	13	23.12	1530	1730	3000	20.30	16	0	60	15.92	35.62	26.24	7.12	2
6707	13	23.12	1530	1730	3000	20.30	16	0	65	15.62	35.60	26.30	7.03	2
8707	13	23.12	1530	1730	3000	20.30	16	0	70	15.20	35.55	26.36	6.95	2
0707	13	23.12	1530	1730	3000	20.30	16	0	75	15.00	35.55	26.39	6.87	2
8707	13	23.12	1530	1730	3000	20.30	16	0	80	14.81	35.53	26.42	6.78	2
8707	13	23.12	1530	1730	3000	20.30	16	0	85	14.62	35.50	26.44	6.7	2
8707	13	23.12	1530	1730	3000	20.30	16	0	90	14.40	35.49	26.46	6.63	2
6707	13	23.12	1530	1730	3000	20.30	16	0	95	14.34	35.48	26.48	6.55	2
8707	13	23.12	1530	1730	3000	20.30	16	0	100	14.20	35.47	26.50	6.47	2
8707	13	23.12	1530	1730	3000	20.30	16	0	110	14.00	35.45	26.53	6.32	2
8707	13	23.12	1530	1730	3000	20.30	16	0	120	13.78	35.42	26.56	6.18	2
8707	13	23.12	1530	1730	3000	20.30	16	0	130	13.62	35.41	26.58	6.03	2
8707	13	23.12	1530	1730	3000	20.30	16	0	140	13.46	35.40	26.60	5.89	2
8707	13	23.12	1530	1730	3000	20.30	16	0	150	13.27	35.37	26.62	5.75	2
8707	13	23.12	1530	1730	3000	20.30	16	0	160	13.09	35.35	26.64	5.61	2
8707	13	23.12	1530	1730	3000	20.30	16	0	175	12.89	35.32	26.66	5.47	2
8707	13	23.12	1530	1730	3000	20.30	16	0	180	12.75	35.31	26.68	5.34	2
8707	13	23.12	1530	1730	3000	20.30	16	0	190	12.63	35.29	26.69	5.20	2
8707	13	2812	1530	1730	3000	20.30	16	0	200	12.54	35.30	26.71	5.07	2
8707	13	23.12	1530	1730	3000	20.30	16	0	215	12.55	35.32	26.73	4.94	2
8707	13	23.12	1530	1730	3000	20.30	16	0	220	12.55	35.33	26.74	4.81	2
8707	13	23.12	1530	1730	3000	20.30	16	0	230	12.55	35.34	26.74	4.68	2
8707	13	23.12	1530	1730	3000	20.30	16	0	240	12.55	35.35	26.75	4.55	2
8757	13	23.12	1530	1730	3000	20.30	16	0	250	12.49	35.36	26.77	4.42	2
8707	13	23.12	1530	1730	3000	20.30	16	0	260	12.41	35.36	26.78	4.30	2
8707	13	23.12	1530	1730	3000	20.30	16	0	270	12.37	35.36	26.79	4.17	2
8707	13	23.12	1530	1730	3000	20.30	16	0	280	12.32	35.36	26.81	4.05	2
8707	13	23.12	1530	1730	3000	20.30	16	0	290	12.20	35.36	26.83	3.93	2
8707	13	23.12	1530	1730	3000	20.30	16	0	300	12.15	35.36	26.85	3.81	2
8707	13	23.12	1530	1730	3000	20.30	16	0	310	12.00	35.36	26.86	3.69	2
8707	13	23.12	1530	1730	3000	20.30	16	0	320	11.88	35.36	26.89	3.58	2
8707	13	23.12	1530	1730	3000	20.30	16	0	330	11.86	35.36	26.89	3.46	2
0707	13	23.12	1530	1730	3000	20.30	18	5	340	11.76	35.35	26.90	3.35	2
8707	13	23.12	1530	1730	3000	20.30	16	5	350	11.63	35.34	26.92	3.24	2
8707	13	23.12	1530	1730	3000	20.30	16	5	360	11.52	35.34	26.94	3.12	2
0707	13	23.12	1530	1730	3000	20.30	16	0	370	11.44	35.34	26.95	3.01	2
8707	13	23.12	1530	1730	3000	20.30	16	0	380	11.38	35.34	26.96	2.91	2
8707	13	23.12	1530	1730	3000	20.30	16	0	390	11.30	35.33	26.96	2.80	2
0757	13	23.12	1530	1730	3000	20.30	16	0	400	11.17	35.31	26.99	2.69	2
8707	13	23.12	1530	1730	3000	20.30	16	0	410	11.08	35.31	27.00	2.59	2
8707	13	23.12	1530	1730	3000	20.30	16	0	420	11.01	35.31	27.01	2.48	2
8757	13	23.12	1530	1730	3000	20.30	16	5	430	10.90	35.30	27.03	2.38	2
8707	13	23.12	1530	1730	3000	20.30	16	0	440	10.80	35.29	27.04	2.28	2
8707	13	23.12	1530	1730	3000	20.30	16	0	450	10.70	35.28	27.05	2.18	2
8707	13	23.12	1535	1730	3000	20.30	16	0	460	10.60	35.28	27.06	2.08	2
8707	13	23.12	1530	1730	3000	20.30	16	0	470	10.50	35.27	27.07	1.98	2
5707	13	23.12	1530	1730	3000	20.30	16	0	4-m	10.40	35.26	27.08	1.89	2
8757	13	23.12	1530	1730	3000	20.30	16	0	490	10.33	35.25	27.09	1.79	2
8707	13	23.12	1530	1730	3000	20.30	16	0	500	15.21	35.23	27.10	1.69	2
8757	13	23.12	1530	1730	3000	20.30	16	0	520	10.01	35.22	27.12	1.51	2
8707	13	23.12	1530	1730	3000	20.30	16	0	540	9.65	35.17	27.15	1.32	2
8707	13	23.12	1530	1730	3000	20.30	16	5	560	9.13	35.14	27.17	1.14	2
8757	13	23.12	1530	1730	3000	20.30	16	5	580	9.13	35.12	27.19	0.97	2
8707	13	23.12	15341	1730	3000	20.30	16	0	600	8.89	35.10	27.22	0.80	2
8757	13	23.12	1530	1730	3000	20.30	16	0	620	8.68	35.08	27.23	0.63	2
8707	13	23.12	1530	1730	3000	20.30	16	0	640	8.35	35.04	27.25	0.47	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	mmersions	temp	salinité	sgm	hdyn	radiales
8707	13	23.12	1530	1730	3000	20.30	16	0	660	8.18	35.02	27.26	0.31	2
8707	13	23.12	1530	1730	3000	20.30	16	0	680	8.00	35.00	27.27	0.15	2
8707	13	23.12	1530	1730	3000	20.30	16	0	700	7.88	34.99	27.28	0.00	2
8707	14	1.44	1530	1712	496	20.20	16	10	0	19.55	35.67	25.38	6.87	2
8707	14	1.44	1530	1712	496	20.20	16	10	5	19.55	35.66	25.38	6.74	2
8707	14	1.44	1530	1712	496	20.20	16	10	10	19.53	35.66	25.38	6.61	2
0707	14	1.44	1530	1712	496	20.20	16	10	15	19.51	35.65	25.39	6.49	2
8707	14	1.44	1530	1712	496	20.20	16	10	20	18.75	35.63	25.56	6.36	2
8707	14	1.44	1530	1712	496	20.20	16	10	25	18.17	35.64	25.72	6.24	2
8707	14	1.44	1530	1712	496	20.20	16	10	30	17.92	35.64	25.78	6.13	2
8707	14	1.44	1530	1712	496	20.20	16	10	35	17.53	35.62	25.86	6.02	2
0707	14	1.44	1530	1712	496	20.20	16	10	40	17.27	35.63	25.93	5.92	2
3707	14	1.44	1530	1712	496	20.20	16	10	45	17.02	35.62	25.99	5.62	2
8707	14	1.44	1530	1712	496	20.20	16	10	50	16.50	35.61	26.10	5.72	2
8707	14	1.44	1530	1712	496	20.20	16	10	55	16.31	35.61	26.15	5.63	2
8707	14	1.44	1530	1712	496	20.20	16	10	60	15.91	35.61	26.24	5.54	2
8707	14	1.44	1530	1712	496	20.20	16	10	65	15.77	35.60	26.26	5.45	2
8707	14	1.44	1530	1712	496	20.20	16	10	70	15.65	35.59	26.28	5.36	2
a707	14	1.44	1530	1712	496	20.20	16	10	75	15.45	35.58	26.32	5.26	2
8707	14	1.44	1530	1712	496	20.20	16	10	80	15.22	35.57	26.36	5.19	2
8707	14	1.44	1530	1712	496	20.20	16	10	85	14.92	35.53	26.40	5.11	2
8707	14	1.44	1530	1712	496	20.20	16	10	90	14.70	35.52	26.43	5.03	2
8707	14	1.44	1530	1712	496	20.20	16	10	95	14.53	35.50	26.46	4.95	2
8707	14	1.44	1530	1712	496	20.20	16	10	100	14.49	35.50	26.47	4.88	2
8707	14	1.44	1530	1712	496	20.20	16	10	110	14.33	35.48	26.49	4.72	2
8707	14	1.44	1530	1712	496	20.20	16	10	120	14.12	35.46	26.52	4.57	2
8707	14	1.44	1530	1712	496	20.20	16	10	130	13.97	35.45	26.54	4.42	2
8707	14	1.44	1530	1712	496	20.20	16	10	140	13.87	35.44	26.55	4.27	2
0707	14	1.44	1530	1712	496	20.20	16	10	150	13.83	35.44	26.56	4.13	2
8707	14	1.44	1530	1712	496	20.20	16	10	160	13.67	35.43	26.58	3.91	2
8707	14	1.44	1530	1712	496	20.20	16	10	170	13.62	35.42	26.59	3.84	2
8707	14	1.44	1530	1712	496	20.20	16	10	180	13.55	35.42	26.60	3.70	2
6707	14	1.44	1530	1712	496	20.20	16	10	190	13.44	35.41	26.62	3.55	2
6707	14	1.44	1530	1712	496	20.20	16	10	200	13.24	35.38	26.64	3.42	2
8707	14	1.44	1530	1712	496	20.20	16	10	210	13.04	35.35	26.65	3.26	2
8707	14	1.44	1530	1712	496	20.20	16	10	220	12.98	35.34	26.66	3.14	2
8707	14	1.44	1530	1712	496	20.20	16	10	230	12.93	35.34	26.67	3.00	2
8707	14	1.44	1530	1712	496	20.20	16	10	240	12.87	35.34	26.66	2.87	2
8707	14	1.44	1530	1712	496	20.20	16	10	250	12.72	35.33	26.70	2.74	2
8707	14	1.44	1530	1712	496	20.20	16	10	260	12.69	35.32	26.70	2.60	2
8707	14	1.44	1530	1712	496	20.20	16	10	270	12.66	35.32	26.70	2.47	2
8707	14	1.44	1530	1712	496	20.20	16	10	280	12.55	35.32	26.72	2.34	2
8707	14	1.44	1530	1712	496	20.20	16	10	290	12.47	35.32	26.74	2.21	2
8707	14	1.44	1530	1712	496	20.20	16	10	300	12.45	35.32	26.75	2.08	2
8707	14	1.61	1530	1712	496	20.20	16	10	310	12.43	35.33	26.76	1.95	2
8707	14	1.44	1530	1712	496	20.20	16	10	320	12.40	35.34	26.77	1.83	2
8707	14	1.44	1530	1712	496	20.20	16	10	330	12.33	35.35	26.79	1.70	2
8707	14	1.44	1530	1712	496	20.20	16	10	340	12.26	35.35	26.81	1.58	2
8707	14	1.44	1530	1712	496	20.20	16	10	350	12.20	35.35	26.62	1.46	2
8707	14	1.44	1530	1711	496	20.20	16	10	360	12.15	35.35	26.63	1.33	2
8707	14	1.44	1530	1712	496	20.20	16	10	370	11.96	35.34	26.86	-1.22	2
8707	14	1.44	1530	1712	496	20.20	16	10	380	11.86	35.33	26.87	1.10	2
6707	14	1.44	1530	1712	496	20.20	16	10	390	11.78	35.33	26.88	0.95	2
6707	14	1.44	1530	1712	496	20.20	16	10	400	11.70	35.32	26.89	0.87	2
8707	14	1.44	1530	1712	496	20.20	16	10	410	11.62	35.31	26.90	0.75	2
8707	14	1.44	1530	1712	496	20.20	16	10	420	11.45	35.31	26.93	0.64	2
8707	14	1.44	1530	1712	496	20.20	16	10	430	11.42	35.31	26.93	0.53	2
8707	14	1.44	1530	1712	496	20.20	16	10	440	11.39	35.31	26.94	0.42	2
8707	14	1.44	1530	1712	496	20.20	16	10	450	11.28	35.29	26.95	0.31	2
8707	14	1.44	1530	1712	496	20.20	16	10	460	11.13	35.29	26.97	0.20	2
8707	14	1.44	1530	1712	496	20.20	16	10	470	10.90	35.27	27.00	0.10	2
8707	14	1.44	1530	1712	496	20.20	16	10	480	10.64	35.26	27.04	0.00	2
8707	15	2.51	1529	1760	200	20.10	13	0	0	00.00	00.00	99.99	99.99	2
8707	15	2.51	1529	1760	200	20.10	13	0	5	19.26	35.67	25.46	3.01	2
8707	15	2.51	1529	1760	200	20.10	13	0	10	19.26	35.67	25.46	2.89	2
6707	15	2.51	1529	1760	200	20.10	13	0	15	19.23	35.67	25.47	2.76	2
8707	15	2.51	1529	1760	200	20.10	13	0	20	18.80	35.65	25.57	2.64	2
8707	15	2.51	1529	1760	200	20.10	13	0	25	18.34	35.66	26.69	2.52	2
8707	15	2.51	1529	1760	200	20.10	13	0	30	18.06	35.64	25.74	2.41	2
8707	15	2.51	1529	1760	200	20.10	13	0	35	17.60	35.62	25.85	2.30	2
8707	15	2.51	1529	1760	200	20.10	13	0	40	16.87	35.60	26.01	2.20	2
8707	15	2.51	1529	1760	200	20.10	13	0	45	16.33	35.59	26.13	2.10	2
8707	15	2.51	1529	1760	200	20.10	13	0	50	15.95	35.59	26.21	2.01	2
8707	15	2.51	1529	1760	200	20.10	13	0	55	15.79	35.58	26.24	1.92	2
8707	15	2.51	1529	1760	200	20.10	13	0	60	15.52	35.57	26.29	1.83	2
8707	15	2.51	1529	1760	200	20.10	13	0	65	15.36	35.56	26.32	1.75	2
0707	15	2.51	1529	1760	200	20.10	13	0	70	15.29	35.55	26.33	1.67	2
a707	15	2.51	1529	1760	200	20.10	13	0	75	15.27	35.56	26.34	1.58	2
8707	15	2.51	1529	1760	200	20.10	13	0	80	14.90	35.53	26.40	1.50	2
0707	15	2.51	1529	1760	200	20.10	13	0	85	14.77	35.53	26.43	1.42	2

campagne	sta	ins	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	e m p	salinité	sgm	hdyn	radioles
8707	15		2.51	1529	1760	200	20.10	13	0	90	14.74	35.53	26.43	1.34	2
8707	15		2.51	1529	1760	200	20.10	13	0	95	14.65	35.52	26.44	1.26	2
8707	15		2.51	1529	1760	200	20.10	13	0	100	14.45	35.49	26.46	1.18	2
8707	15		2.51	1529	1760	200	20.10	13	0	110	14.25	35.47	26.49	1.03	2
8707	15		2.51	1529	1760	200	20.10	13	0	120	14.04	35.45	26.53	0.88	2
8707	15		2.51	1529	1760	200	20.10	13	0	130	13.99	35.45	26.53	0.73	2
8707	15		2.51	1529	1760	200	20.10	13	0	140	13.94	35.44	26.54	0.58	2
8707	15		2.51	1529	1760	200	20.10	13	0	150	13.84	35.44	26.56	0.43	2
8707	15		2.51	1529	1760	200	20.10	13	0	160	13.82	35.43	26.56	0.29	2
8707	15		2.51	1529	1760	200	20.10	13	0	170	13.81	35.43	26.56	0.14	2
8707	15		2.51	1529	1760	200	20.10	13	0	180	13.81	35.43	26.56	0.00	2
8707	16		4.38	1530	1658	100	19.90	8	0	0	19.62	35.67	25.37	1.63	2
8707	16		4.38	1530	1658	100	19.90	8	0	5	19.60	35.67	25.37	1.50	2
8707	16		4.38	1530	1658	100	19.90	8	0	10	18.88	35.64	25.64	1.38	2
8707	16		4.38	1530	1658	100	19.90	8	0	15	17.12	35.61	25.95	1.27	2
8707	16		4.38	1530	1658	100	19.90	8	0	20	16.64	35.61	26.06	1.17	2
8707	16		4.38	1530	1658	100	19.90	8	0	25	16.51	35.60	26.06	1.07	2
8707	16		4.38	1530	1658	100	19.90	8	0	30	16.01	35.57	26.19	0.98	2
8707	16		4.38	1530	1658	100	19.90	8	0	35	15.47	35.54	26.28	0.89	2
8707	16		4.38	1530	1658	100	19.90	8	0	40	15.27	35.54	26.32	0.80	2
8707	16		4.38	1530	1658	100	19.90	8	0	45	15.22	35.54	26.33	0.72	2
8707	16		4.38	1530	1658	100	19.90	8	0	50	15.21	35.54	26.34	0.64	2
8707	16		4.38	1530	1658	100	19.90	8	0	55	15.14	35.53	26.35	0.55	2
8707	16		4.38	1530	1658	100	19.90	8	0	60	14.91	35.52	26.39	0.47	2
8707	16		4.38	1530	1658	100	19.90	8	0	65	14.81	35.51	26.41	0.39	2
8707	16		4.38	1530	1658	100	19.90	8	0	70	14.78	35.51	26.41	0.31	2
8707	16		4.38	1530	1658	100	19.90	8	0	75	14.76	35.51	26.41	0.23	2
8707	16		4.38	1530	1658	100	19.90	8	0	80	14.67	35.50	26.43	0.15	2
8707	16		4.38	1530	1658	100	19.90	8	0	85	14.48	35.49	26.46	0.07	2
8707	16		4.38	1530	1658	100	19.90	8	0	90	14.41	35.49	26.47	0.00	2
8707	17		6.13	1531	1650	50	19.20	11	50	0	19.03	35.65	25.51	0.82	2
8707	17		6.13	1531	1650	50	19.20	11	50	5	19.00	35.64	25.51	0.69	2
8707	17		6.13	1531	1650	50	19.20	11	50	10	18.48	35.62	25.63	0.57	2
8707	17		6.13	1531	1650	50	19.20	11	50	15	17.19	35.61	25.94	0.46	2
8707	17		6.13	1531	1650	50	19.20	11	50	20	16.53	35.60	26.08	0.36	2
8707	17		6.13	1531	1650	50	19.20	11	50	25	16.18	35.59	26.15	0.27	2
8707	17		6.13	1531	1650	50	19.20	11	50	30	16.09	35.68	26.17	0.18	2
8707	17		6.13	1531	1650	50	19.20	11	50	35	16.07	35.68	26.18	0.09	2
8707	17		6.13	1531	1650	50	19.20	11	50	40	16.05	35.58	26.18	0.00	2
8707	18		7.42	1530	1643	50	18.50	4	55	0	18.38	35.50	25.66	0.22	2
8707	18		7.42	1530	1643	50	18.50	4	55	5	18.34	35.64	25.67	0.11	2
8707	18		7.42	1530	1643	50	18.50	4	55	10	18.05	35.64	25.74	0.00	2
8707	19		12.00	1500	1750	25	20.80	8	0	0	18.68	35.64	25.59	0.42	3
8707	19		12.00	1500	1750	25	20.80	8	0	5	18.05	35.63	25.74	0.31	3
8707	19		12.00	1500	1750	25	20.80	8	0	10	17.35	35.62	25.90	0.20	3
8707	19		12.00	1500	1750	25	20.80	8	0	15	17.23	35.62	25.94	0.10	3
8707	19		12.00	1500	1750	25	20.80	8	0	20	17.14	35.61	25.95	0.00	3
8707	20		13.05	1459	1770	55	20.20	8	0	0	19.02	35.64	25.50	0.79	3
8707	20		13.05	1459	1770	55	20.20	8	0	5	18.72	35.65	25.59	0.67	3
8707	20		13.05	1459	1770	55	20.20	8	0	10	17.55	35.62	25.86	0.55	3
8707	20		13.05	1459	1770	55	20.20	8	0	15	16.97	35.60	25.98	0.45	3
8707	20		13.05	1459	1770	55	20.20	8	0	20	16.44	35.59	26.10	0.35	3
8707	20		13.05	1459	1770	55	20.20	8	0	25	15.98	35.57	26.19	0.26	3
8707	20		13.05	1459	1770	55	20.20	8	0	30	15.88	35.57	26.21	0.17	3
8707	20		13.05	1459	1770	55	20.20	8	0	35	15.58	35.56	26.27	0.08	3
8707	20		13.05	1459	1770	55	20.20	8	0	40	15.25	35.54	26.33	0.00	3
8707	21		14.27	1500	1715	110	21.10	11	340	0	19.57	35.65	25.37	1.82	3
8707	21		14.27	1500	1715	110	21.10	11	340	5	19.09	35.64	25.48	1.69	3
8707	21		14.27	1500	1715	110	21.10	11	340	10	17.61	35.60	25.83	1.58	3
8707	21		14.27	1500	1715	110	21.10	11	340	15	17.17	35.59	25.93	1.47	3
8707	21		14.27	1500	1715	110	21.10	11	340	20	16.56	35.57	26.06	1.37	3
8707	21		14.27	1500	1715	110	21.10	11	340	25	16.23	35.57	26.13	1.28	3
8707	21		14.27	1500	1715	110	21.10	11	340	30	16.04	35.57	26.17	1.18	3
8707	21		14.27	1500	1715	110	21.10	11	340	35	15.94	35.56	26.19	1.09	3
8707	21		14.27	1500	1715	110	21.10	11	340	40	15.89	35.56	26.20	1.00	3
8707	21		14.27	1500	1715	110	21.10	11	340	45	15.80	35.56	26.22	0.91	3
8707	21		14.27	1500	1715	110	21.10	11	340	50	15.57	35.55	26.26	0.83	3
8707	21		14.27	1500	1715	110	21.10	11	340	55	15.34	35.54	26.31	0.74	3
8707	21		14.27	1500	1715	110	21.10	11	340	60	15.23	35.53	26.33	0.66	3
8707	21		14.27	1500	1715	110	21.10	11	340	65	15.18	35.53	26.34	0.57	3
8707	21		14.27	1500	1715	110	21.10	11	340	70	15.14	35.53	26.34	0.49	3
8707	21		14.27	1500	1715	110	21.10	11	340	75	15.10	35.52	26.35	0.40	3
8707	21		14.27	1500	1715	110	21.10	11	340	80	15.03	35.51	26.36	0.32	3
8707	21		14.27	1500	1715	110	21.10	11	340	85	14.99	35.51	26.37	0.24	3
8707	21		14.27	1500	1715	110	21.10	11	340	90	14.95	35.51	26.37	0.16	3
8707	21		14.27	1500	1715	110	21.10	11	340	95	14.91	35.51	26.38	0.08	3
8707	21		14.27	1500	1715	110	21.10	11	340	100	14.85	35.51	26.39	0.00	3
8707	22		15.39	1500	1720	500	21.00	13	10	0	19.23	35.61	25.43	6.67	3
8707	22		15.39	1500	1720	500	21.00	13	10	5	18.54	35.68	25.65	6.55	3
8707	22		15.39	1500	1720	500	21.00	13	10	10	18.09	35.62	25.73	6.43	3

campagne	stations	heures	latitudes	longitudes	tond	tsoch	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	22	15.39	1600	1720	500	21.00	13	10	15	17.14	35.60	25.94	6.32	3
8707	22	15.39	1500	1720	500	21.00	13	10	20	16.82	35.59	26.01	6.22	3
8707	22	15.39	1500	1720	500	21.00	13	10	25	16.19	35.66	26.14	6.13	3
8707	22	15.39	1500	1720	500	21.00	13	10	30	15.93	35.54	26.18	6.04	3
8707	22	15.39	1500	1720	500	21.00	13	10	35	15.77	35.53	26.20	5.95	3
8707	22	15.39	1500	1720	500	21.00	13	10	40	15.62	35.53	26.24	5.84	3
a707	22	15.39	1500	1720	500	21.00	13	10	45	15.34	35.52	26.29	5.77	3
8707	22	15.39	1500	1720	500	21.00	13	10	50	15.28	35.52	26.31	5.68	3
8707	22	15.39	1500	1720	500	21.00	13	10	55	15.25	35.52	26.32	5.60	3
8707	22	15.39	1500	1720	500	21.00	13	10	60	15.22	35.52	26.32	5.51	3
8707	22	15.39	1500	1720	500	21.00	13	10	65	15.10	35.51	26.35	5.43	3
8707	22	15.39	1500	1720	500	21.00	13	10	70	15.04	35.51	26.36	5.35	3
8707	22	15.39	1500	1720	500	21.00	13	10	75	14.99	35.51	26.37	5.26	3
8707	22	15.39	1500	1720	500	21.00	13	10	80	14.93	35.51	26.38	5.18	3
8707	22	15.39	1500	1720	500	21.00	13	10	85	14.88	35.50	26.38	5.10	3
8707	22	15.39	1500	1720	500	21.00	13	10	90	14.84	35.50	26.39	5.02	3
8707	22	15.39	1500	1720	500	21.00	13	10	95	14.79	35.50	26.40	4.94	3
8707	22	15.39	1500	1720	500	21.00	13	10	100	14.77	35.50	26.40	4.84	3
8707	22	15.39	1500	1720	500	21.00	13	10	110	14.72	35.50	26.41	4.70	3
8707	22	15.39	1500	1720	500	11.00	13	10	120	14.63	35.49	26.43	4.54	3
8707	22	15.39	1500	1720	500	21.00	13	10	130	14.61	35.49	26.43	4.38	3
8707	22	15.39	1500	1720	500	21.00	13	10	140	14.60	35.49	26.43	4.22	3
8707	22	15.39	1500	1720	500	21.00	13	10	150	14.59	35.49	26.43	4.06	3
8707	22	15.39	1500	1720	500	21.00	13	10	160	14.54	35.48	26.44	3.91	3
8707	22	15.39	1500	1720	500	21.00	13	10	170	14.46	35.48	26.46	3.75	3
8707	22	15.39	1500	1720	500	21.00	13	10	180	14.40	35.47	26.47	3.59	3
8707	22	15.39	1500	1720	500	21.00	13	10	190	14.27	35.47	26.49	3.44	3
8707	22	15.39	1500	1720	500	21.00	13	10	200	14.14	35.46	26.51	3.29	3
8707	22	15.39	1500	1720	500	21.00	13	10	210	14.07	35.45	26.52	3.14	3
8707	22	15.39	1500	1720	500	21.00	13	10	220	14.01	35.45	26.63	2.99	3
8707	22	15.39	1500	1720	500	21.00	13	10	230	13.87	35.44	26.55	2.84	3
8707	22	15.39	1500	1720	500	21.00	13	10	240	13.74	35.42	26.57	2.70	3
a707	22	15.39	1500	1720	500	21.00	13	10	250	13.63	35.42	26.59	2.55	3
8707	22	15.39	1500	1720	500	21.00	13	10	260	11.56	35.41	26.59	2.41	3
8707	22	15.39	1500	1720	500	21.00	13	10	270	13.41	35.39	26.61	2.27	3
8707	22	15.39	1500	1720	500	21.00	13	10	280	13.27	35.38	26.63	2.13	3
8707	22	15.39	1500	1720	500	21.00	13	10	290	13.02	35.36	26.67	1.99	3
8707	22	15.39	1500	1720	500	21.00	13	10	300	12.84	35.34	26.69	1.85	3
8707	22	15.39	1500	1720	500	21.00	13	10	310	12.72	35.33	26.70	1.72	3
8707	22	15.39	1500	1720	500	21.00	13	10	320	12.63	35.33	26.72	1.59	3
8707	22	15.39	1500	1720	500	21.00	13	10	330	12.39	35.32	26.76	1.46	3
8707	22	15.39	1500	1720	500	21.00	13	10	340	12.20	35.32	26.79	1.33	3
8707	22	15.39	1500	1720	500	21.00	13	10	350	12.04	35.32	26.82	1.21	3
8707	22	15.39	1500	1720	500	21.00	13	10	360	11.91	35.31	26.84	1.09	3
8707	22	15.39	1500	1720	500	21.00	13	10	370	11.80	35.31	26.86	0.97	3
8707	22	15.39	1500	1720	500	21.00	13	10	380	11.72	35.30	26.87	0.86	3
8707	22	15.39	1500	1720	500	21.00	13	10	390	11.58	35.29	26.90	0.74	3
8707	22	15.39	1500	1720	500	21.00	13	10	400	11.43	35.28	26.91	0.63	3
8707	22	15.39	1550	1720	500	21.00	13	10	410	11.18	35.27	26.95	0.52	3
8707	22	15.39	1500	1720	500	21.00	13	10	420	11.01	35.26	26.97	0.41	3
8707	22	15.39	1500	1720	500	21.00	13	10	430	10.92	35.25	26.98	0.30	3
8707	22	15.39	1500	1720	500	21.00	13	10	440	10.70	35.24	27.02	0.20	3
8707	22	15.39	1500	1720	500	21.00	13	10	450	10.55	35.23	27.03	0.10	3
8707	22	15.39	1500	1720	500	21.00	13	10	460	10.37	35.22	27.05	0.00	3
8707	23	15.00	1500	1730	580	20.90	15	10	0	19.48	35.64	25.38	7.75	3
8707	23	15.00	1500	1730	580	20.90	15	10	5	19.43	35.64	25.40	7.63	3
8707	23	15.00	1500	1730	580	20.90	15	10	10	19.39	35.66	25.41	7.50	3
8707	23	15.00	1500	1730	580	20.90	15	10	15	18.89	35.65	25.54	7.37	3
6707	23	15.00	1500	1730	580	20.90	15	10	20	18.00	35.62	25.75	7.26	3
8707	23	15.00	1600	1730	580	20.90	15	10	25	17.02	35.59	25.96	7.15	3
8707	23	15.00	1500	1730	580	20.90	15	10	30	16.59	35.56	26.04	7.05	3
8707	23	15.00	1500	1730	580	20.90	15	10	35	16.27	35.54	26.10	6.95	3
6707	23	15.00	1500	1730	580	20.90	15	10	40	16.04	35.54	26.15	6.86	3
a707	23	15.00	1550	1730	580	20.90	15	10	45	15.86	35.53	26.19	6.77	3
8707	23	15.00	1500	1730	580	20.90	15	10	50	15.66	35.52	26.23	6.66	3
8707	23	15.00	1500	1730	580	20.90	15	10	55	15.46	35.51	26.26	6.59	3
8707	23	15.00	1500	1730	580	20.90	15	10	60	15.19	35.51	26.32	6.51	3
8707	23	15.00	1500	1730	580	20.90	15	10	65	15.13	35.51	26.33	6.42	3
8707	23	15.00	1500	1730	580	20.90	15	10	70	15.06	35.51	26.35	6.34	3
8707	23	15.00	1500	1730	580	20.90	15	10	75	14.99	35.51	26.34	6.26	3
8707	23	15.00	1500	1730	580	20.90	15	10	80	14.94	35.51	26.37	6.17	3
8707	23	15.00	1500	1730	580	20.90	15	10	85	14.94	35.51	26.37	6.09	3
0707	23	15.00	1500	1730	580	20.90	15	10	90	14.84	35.51	26.40	6.01	3
8707	23	15.00	1500	1730	580	20.90	15	10	95	14.77	35.50	26.41	5.93	3
8707	23	15.00	1500	1730	580	20.90	15	10	100	14.72	35.50	26.41	5.85	3
8707	23	15.00	1500	1730	580	20.90	15	10	110	14.64	35.49	26.43	5.69	3
8707	23	15.00	1500	1730	580	20.90	15	10	120	14.59	35.49	26.43	5.53	3
8707	23	15.00	1500	1730	580	20.90	15	10	130	14.58	35.49	26.44	5.37	3
8707	23	15.00	1500	1730	580	20.90	15	10	140	14.56	35.49	26.44	5.22	3
8707	23	15.00	1500	1730	580	20.90	15	10	150	14.54	35.48	26.44	5.06	3

campagne	stations	heures	latitudes	longitudes	fond	ttech	vitvent	dirvent	immersions	temp	salinité	o1gm	hdyn	radioles
8707	23	15.00	1500	1730	590	20.w	15	10	160	14.52	35.48	26.46	4.90	3
8707	23	15.w	1500	1730	580	20.90	15	10	170	14.50	35.48	26.45	4.75	3
8707	23	15.00	1500	1730	580	20.90	15	10	180	14.48	35.48	26.45	4.59	3
8707	23	15.00	1500	1730	580	20.90	15	10	190	14.45	35.47	26.46	4.45	3
8707	23	15.00	1500	1730	580	20.W	15	10	200	14.40	35.47	26.47	4.28	3
8707	23	15.00	1500	1730	580	20.90	15	10	210	14.29	35.47	16.49	4.12	3
6707	23	15.00	1500	1730	580	20.w	15	10	220	14.17	35.46	26.50	3.97	3
8707	23	15.00	1500	1730	580	20.w	15	10	230	14.04	35.44	26.52	3.82	3
8707	23	15.00	1500	1730	580	20.90	15	10	240	13.88	35.43	26.54	3.67	3
8707	23	15.00	1500	1730	580	20.90	15	10	250	13.45	35.36	26.60	3.53	3
8707	23	15.00	1500	1730	580	20.90	15	10	260	13.25	35.36	26.62	3.39	3
8707	23	15.00	1500	1730	580	20.w	15	10	270	13.23	35.36	2.6%	3.25	3
8707	23	15.00	1500	1730	580	20.90	15	10	280	13.21	35.36	26.63	3.11	3
8707	23	15.00	1500	1730	580	20.90	15	10	290	13.20	35.36	26.63	2.97	3
8707	23	15.00	1500	1730	580	20.90	15	10	300	13.16	35.36	26.64	2.83	3
8707	23	15.w	1500	1730	580	20.90	15	10	310	13.10	35.36	26.66	2.69	3
8707	23	15.00	1500	1730	580	20.90	15	10	320	13.01	35.36	26.66	2.55	3
8707	23	15.00	1500	1730	580	20.90	15	10	330	12.73	35.33	26.70	2.42	3
8707	23	15.00	1500	1730	580	20.90	15	10	340	12.34	35.31	26.76	2.29	3
8707	23	15.00	1500	1730	580	20.90	15	10	350	12.24	35.31	26.70	2.16	3
6707	23	15.W	1500	1730	580	20.90	15	10	360	12.18	35.31	26.80	2.04	3
8707	23	15.W	1500	1730	580	20.90	15	10	370	12.05	35.32	26.02	1.92	3
8707	23	15.00	1500	1730	580	20.90	15	10	380	11.98	35.32	26.84	1.80	3
8707	23	15.00	1500	1730	580	20.90	15	10	390	11.92	35.33	26.86	1.68	3
8707	23	15.00	1500	1730	580	20.90	15	10	410	11.72	35.33	26.90	1.45	3
8707	23	15.00	1500	1730	580	20.90	15	10	420	11.46	35.32	26.93	1.33	3
6707	23	15.00	1500	1730	580	20.90	15	10	430	11.36	35.32	26.95	1.22	3
8707	23	15.00	1500	1730	5.30	20.90	15	10	440	11.12	35.31	26.99	1.12	3
8707	23	15.00	1500	1730	580	20.90	15	10	450	10.96	35.29	27.01	1.01	3
a707	23	15.w	1500	1730	580	20.90	15	10	460	10.71	35.27	27.04	0.91	3
8707	23	15.w	1500	1730	580	20.90	15	10	470	10.47	35.25	27.06	0.81	3
8707	23	15.00	1500	1730	580	20.90	15	10	480	10.29	35.23	27.08	0.71	3
8707	23	15.00	1500	1730	580	20.90	15	10	490	10.05	35.21	27.10	0.62	3
8707	23	15.00	1500	1730	580	20.90	15	10	500	9.87	35.19	27.12	0.52	3
8707	23	15.w	1500	1730	580	20.90	15	10	520	9.63	35.18	27.15	0.34	3
8707	23	15.00	1500	1730	580	20.90	15	10	M O	9.16	35.13	27.19	0.17	3
8707	23	15.00	1500	1730	580	20.90	15	10	560	8.85	35.09	27.21	0.00	3
8707	24	21.32	1500	1800	1500	20.30	12	10	0	20.50	35.68	25.14	8.42	3
8707	24	21.32	1500	1800	1500	20.30	12	10	5	20.47	35.68	25.15	8.28	3
8707	24	21.32	1500	1800	1500	20.30	12	10	10	19.88	35.67	25.30	8.15	3
8707	24	21.32	1500	1800	1500	20.30	12	10	15	10.97	35.64	25.52	8.02	3
6707	24	21.32	1500	1800	1500	20.30	12	10	m	18.70	35.64	15.58	7.90	3
8707	24	21.32	1500	1800	1500	20.30	12	10	25	18.44	35.64	25.65	7.70	3
8707	24	21.32	1500	1800	1500	20.30	12	10	30	17.94	35.63	25.77	7.67	3
8707	24	21.32	1500	1800	1500	20.30	12	10	35	17.24	35.62	25.93	7.56	3
8707	24	21.32	1500	1800	1500	20.30	12	10	40	16.61	35.61	26.08	7.46	3
8707	24	21.32	1500	1800	1500	20.30	12	10	45	16.46	35.61	26.11	7.37	3
8707	24	21.32	1500	1800	1500	20.30	12	10	50	16.23	35.62	26.17	7.27	3
8707	24	21.32	1500	1800	1500	20.30	12	10	55	15.86	35.61	26.25	7.18	3
8707	24	21.32	1500	1800	1500	20.30	12	10	60	15.39	35.58	26.33	7.10	3
a707	24	21.32	1500	1800	1500	20.30	12	10	65	15.22	35.57	26.36	7.01	3
8707	24	21.32	1500	1800	1500	20.30	12	10	70	15.02	35.57	26.40	6.93	3
8707	24	21.32	1500	1800	1500	20.30	12	10	75	14.79	35.55	26.44	6.85	3
8707	24	21.32	1500	1800	1500	20.30	12	10	80	14.57	35.52	26.47	6.77	3
8707	24	21.32	1500	1800	1500	20.30	12	10	85	14.29	35.48	26.50	6.70	3
8707	24	21.32	1500	1800	1500	20.30	12	10	90	14.13	35.47	26.52	6.62	3
8707	24	21.32	1500	1800	1500	20.30	12	10	95	14.02	35.46	26.53	6.55	3
8707	24	21.32	1500	1800	1500	20.30	12	10	100	13.90	35.44	26.55	6.47	3
0707	24	21.32	1500	1800	1500	20.30	12	10	110	13.69	35.42	26.57	6.33	3
8707	24	21.32	1500	1800	1500	20.30	12	10	120	13.53	35.39	26.59	6.18	3
8707	24	21.32	1500	1800	1500	20.30	12	10	130	13.38	35.37	26.60	6.04	3
8707	24	21.32	1500	1800	1500	20.30	12	10	140	13.25	35.36	26.62	5.90	3
6707	24	21.32	1500	1800	1500	20.30	12	10	150	13.02	35.34	26.65	5.76	3
8707	24	21.32	1500	1800	1500	20.30	12	10	160	12.88	35.33	26.67	5.62	3
0707	24	21.32	1500	1800	1500	20.30	12	10	170	12.75	35.31	26.68	5.49	3
8707	24	21.32	1500	1800	1500	20.30	12	10	180	12.64	36.31	26.70	5.36	3
a707	24	21.32	1500	1800	1500	20.30	12	10	190	12.46	35.28	26.72	5.22	3
8707	24	21.32	1500	1800	1500	20.30	12	10	200	12.31	35.26	26.73	5.09	3
8707	24	21.32	1500	1800	1500	20.30	12	10	210	12.18	35.24	26.74	4.96	3
8707	24	21.32	1500	1800	1500	20.30	12	10	220	12.09	35.23	26.75	4.84	3
8707	24	21.32	1500	1800	1500	20.30	12	10	230	12.00	35.22	26.76	4.71	3
8707	24	21.32	1500	1800	1500	20.30	12	10	240	11.94	35.22	26.77	4.58	3
a707	24	21.32	1500	1800	1500	20.30	12	10	250	11.89	35.22	26.70	4.46	3
8707	24	21.32	1500	1800	1500	20.30	12	10	260	11.83	35.22	26.79	4.33	3
0707	24	21.32	1500	1800	1500	20.30	12	10	270	11.78	35.23	26.81	4.21	3
8707	24	21.32	1500	1800	1500	20.30	12	10	280	11.74	35.24	26.82	4.09	3
8707	24	21.32	1500	1800	1500	20.30	12	10	290	11.72	35.25	26.83	3.97	3
8707	24	21.32	1500	1800	1500	20.30	12	10	300	11.72	35.25	26.84	3.85	3
8707	24	21.32	1500	1800	1500	20.30	12	10	310	11.64	35.25	26.85	3.73	3
6707	24	21.32	1500	1800	1500	20.30	12	10	320	11.69	35.27	26.05	3.61	3

campagne	stations	heures	latitudes	longitudes	tond	tsech	vivent	dirvent	immersions	tomp	salinité	sgm	hdyn	radiales
8707	24	21.32	1500	1800	1500	20.30	12	10	330	11.77	35.30	26.87	3.49	3
8707	24	21.32	1500	1800	1500	20.30	12	10	340	11.76	35.31	26.88	3.37	3
8707	24	21.32	1500	1800	1500	20.30	12	10	350	11.63	35.32	26.90	3.26	3
8707	24	21.32	1500	1800	1500	20.30	12	10	360	11.58	35.32	26.92	3.15	3
8707	24	21.32	1500	1800	1500	20.30	12	10	370	11.48	35.32	26.93	3.04	3
8707	24	21.32	1500	1800	1500	20.30	12	10	380	11.35	35.31	26.95	2.93	3
8707	24	21.32	1500	1800	1500	20.30	12	10	390	11.18	35.29	26.96	2.02	3
0707	24	21.32	1500	1800	1500	20.30	12	10	400	11.07	35.28	26.98	2.71	3
8707	24	21.32	1500	1800	1500	20.30	12	10	410	10.96	35.27	27.00	2.60	3
8707	24	21.32	1500	1800	1500	20.30	12	10	420	10.87	35.27	27.01	2.50	3
8707	24	21.32	1500	1800	1500	20.30	12	10	430	10.77	35.26	27.02	2.40	3
6707	24	21.32	1500	1800	1500	20.30	12	10	440	10.64	35.25	27.04	2.30	3
8707	24	21.32	1500	1800	1500	20.30	12	10	450	10.50	35.24	27.05	2.20	3
8707	24	21.32	1500	1800	1500	20.30	12	10	460	10.44	35.24	27.06	2.10	3
8707	24	21.32	1500	1800	1500	20.30	12	10	470	10.41	35.24	27.07	2.00	3
8707	24	21.32	1500	1800	1500	20.30	12	10	480	10.34	35.24	27.08	1.90	3
8707	24	21.32	1500	1800	1500	20.30	12	10	490	10.24	35.23	27.09	1.80	3
8707	24	21.32	1500	1800	1500	20.30	12	10	500	10.12	35.22	27.10	1.71	3
8707	24	21.32	1500	1800	1500	20.30	12	10	520	9.81	35.19	27.13	1.52	3
8707	24	21.32	1500	1800	1500	20.30	12	10	540	9.51	35.15	27.15	1.34	3
8707	24	21.32	1500	1800	1500	20.30	12	10	560	9.40	35.14	27.16	1.16	3
8707	24	21.32	1500	1800	1500	20.30	12	10	580	9.26	35.13	27.18	0.98	3
8707	24	21.32	1500	1800	1500	20.30	12	10	600	9.09	35.12	27.20	0.81	3
8707	24	21.32	1500	1800	1500	20.30	12	10	620	8.88	35.10	27.22	0.64	3
8707	24	21.32	1500	1800	1500	20.30	12	10	640	8.71	35.09	27.23	0.48	3
8707	24	21.32	1500	1800	1500	20.30	12	10	660	8.50	35.07	27.25	0.31	3
8707	24	21.32	1500	1800	1500	20.30	12	10	680	8.29	35.05	27.26	0.15	3
8707	24	21.32	1500	1800	1500	20.30	12	10	700	8.09	35.02	27.27	0.00	3
8707	25	1.49	1500	1829	2000	19.90	12	0	0	20.29	35.67	25.19	7.39	3
8707	25	1.49	1500	1829	2000	19.90	12	0	5	20.28	35.67	25.19	7.25	3
8707	25	1.49	1500	1829	2000	19.90	12	0	10	20.27	35.67	25.20	7.11	3
8707	25	1.49	1500	1829	2000	19.90	12	0	15	19.34	35.69	25.46	6.96	3
8707	25	1.49	1500	1829	2000	19.90	12	0	20	18.31	35.70	25.73	6.86	3
8707	25	1.49	1500	1829	2000	19.90	12	0	25	17.59	35.69	25.90	6.75	3
8707	25	1.49	1500	1829	2000	19.90	12	0	30	16.98	35.71	26.06	6.65	3
8707	25	1.49	1500	1829	2000	19.90	12	0	35	16.03	35.63	26.23	6.56	3
8707	25	1.49	1500	1829	2000	19.90	12	0	40	15.63	35.62	26.31	6.47	3
8707	25	1.49	1500	1829	2000	19.90	12	0	45	15.33	35.59	26.36	6.39	3
8707	25	1.49	1500	1829	2000	19.90	12	0	50	15.08	35.55	26.30	6.31	3
8707	25	1.49	1500	1829	2000	19.90	12	0	55	14.92	35.53	26.40	6.23	3
8707	25	1.49	1500	1829	2000	19.90	12	0	60	14.84	35.54	26.42	6.15	3
8707	25	1.49	1500	1829	2000	19.90	12	0	65	14.86	35.58	26.45	6.07	3
8707	25	1.49	1500	1829	2000	19.90	12	0	70	14.71	35.57	26.48	5.99	3
8707	25	1.49	1500	1829	2000	19.90	12	0	75	14.47	35.53	26.49	5.91	3
8707	25	1.49	1500	1829	2000	19.90	12	0	80	14.25	35.49	26.51	5.04	3
8707	25	1.49	1500	1829	2000	19.90	12	0	85	14.11	35.47	26.52	5.76	3
8707	25	1.49	1500	1829	2000	19.90	12	0	90	14.03	35.46	26.53	5.69	3
8707	25	1.49	1500	1829	2000	19.90	12	0	95	13.91	35.45	26.55	5.61	3
8707	25	1.49	1500	1829	2000	19.90	12	0	100	13.77	35.43	26.57	5.54	3
8707	25	1.49	1500	1829	2000	19.90	12	0	110	13.58	35.40	26.59	5.39	3
8707	25	1.49	1500	1829	2000	19.90	12	0	120	13.40	35.38	26.61	5.25	3
8707	25	1.49	1500	1829	2000	19.90	12	0	130	13.16	35.34	26.63	5.11	3
8707	25	1.49	1500	1829	2000	19.90	12	0	140	13.03	35.34	26.65	4.97	3
8707	25	1.49	1500	1829	2000	19.90	12	0	150	12.91	35.33	26.66	4.84	3
8707	25	1.49	1500	1829	2000	19.90	12	0	180	12.74	35.30	26.60	4.70	3
8707	25	1.49	1500	1829	2000	19.90	12	0	170	12.52	35.28	26.70	4.57	3
8707	25	1.49	1500	1829	2000	19.90	12	0	180	12.36	35.27	26.72	4.44	3
8707	25	1.49	1500	1829	2000	19.90	12	0	190	12.22	35.25	26.74	4.31	3
8707	25	1.49	1500	1829	2000	19.90	12	0	200	12.21	35.26	26.75	4.18	3
8707	25	1.49	1500	1829	2000	19.90	12	0	210	12.08	35.25	26.77	4.05	3
8707	25	1.49	1500	1829	2000	19.90	12	0	220	11.92	35.25	26.80	3.93	3
8707	25	1.49	1500	1829	2000	19.90	12	0	230	11.71	35.22	26.81	3.80	3
8707	25	1.49	1500	1829	2000	19.90	12	0	240	11.50	35.18	26.82	3.68	3
8707	25	1.49	1500	1829	2000	19.90	12	0	250	11.36	35.16	26.83	3.56	3
8707	25	1.49	1500	1829	2000	19.90	12	0	260	11.23	35.14	26.84	3.44	3
8707	25	1.49	1500	1829	2000	19.90	12	0	270	11.16	35.14	26.85	3.32	3
8707	25	1.49	1500	1829	2000	19.90	12	0	280	11.15	35.15	26.87	3.20	3
8707	25	1.49	1500	1829	2000	19.90	12	0	290	11.13	35.15	26.87	3.09	3
8707	25	1.49	1500	1829	2000	19.90	12	0	300	11.01	35.14	26.80	2.97	3
8707	25	1.49	1500	1829	2000	19.90	12	0	310	10.87	35.12	26.09	2.86	3
8707	25	1.49	1500	1829	2000	19.90	12	0	320	10.84	35.12	26.90	2.74	3
8707	25	1.49	1500	1829	2000	19.90	12	0	330	10.82	35.13	26.91	2.63	3
8707	25	1.49	1500	1829	2000	19.90	12	0	340	10.89	35.17	26.93	2.52	3
8707	25	1.49	1500	1829	2000	19.90	12	0	350	10.98	35.18	26.93	2.40	3
8707	25	1.49	1500	1829	2000	19.90	12	0	360	11.19	35.27	26.95	2.30	3
8707	25	1.49	1500	1829	2000	19.90	12	0	370	11.33	35.32	26.96	2.19	3
8707	25	1.49	1500	1829	2000	19.90	12	0	380	11.21	35.31	26.90	2.08	3
8707	25	1.49	1500	1829	2000	19.90	12	0	390	11.12	35.31	26.99	1.97	3
8707	25	1.49	1500	1829	2000	19.90	12	0	400	11.03	35.30	27.00	1.07	3
8707	25	1.49	1500	1829	2000	19.90	12	0	410	10.93	35.29	27.00	1.77	3

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sgm	hdyn	radiales
8707	25	1.49	1500	1829	2000	19.90	12	0	420	10.86	35.29	27.03	1.66	3
8707	25	1.49	1500	1829	2000	19.90	12	0	430	10.80	35.29	27.04	1.56	3
8707	25	1.49	1500	1029	2000	19.90	12	0	440	10.72	35.28	27.05	1.46	3
8707	25	1.49	1500	1829	2000	19.90	12	0	450	10.58	35.28	27.06	1.36	3
8707	25	1.49	1500	1029	2000	19.90	12	0	460	10.46	35.26	27.08	1.26	3
8707	25	1.49	1500	1829	2000	19.90	12	0	470	10.29	35.24	27.09	1.17	3
8707	25	1.49	1500	1829	2000	19.90	12	0	480	10.19	35.23	27.10	1.07	3
8707	25	1.49	1500	1829	2000	19.90	12	0	490	10.05	35.22	27.11	0.98	3
8707	25	1.49	1500	1829	2000	19.90	12	0	500	9.99	35.22	27.12	0.80	3
8707	25	1.49	1500	1829	2000	19.90	12	0	520	9.58	35.15	27.14	0.70	3
8707	25	1.49	1500	1829	2000	19.90	12	0	540	9.40	35.13	27.15	0.52	3
8707	25	1.49	1500	1829	2000	19.90	12	0	560	9.15	35.11	27.18	0.34	3
8707	25	1.49	1500	1829	2000	19.90	12	0	580	8.90	35.06	27.18	0.17	3
8707	25	1.49	1500	1829	2000	19.90	12	0	600	8.61	35.03	27.20	0.00	3
8707	26	5.22	1459	1900	2500	20.00	10	10	0	21.03	35.70	25.02	8.13	3
8707	26	5.22	1459	1900	2500	20.00	10	10	5	21.02	35.69	25.01	7.96	3
8707	26	5.22	1459	1900	2500	20.00	10	10	10	21.01	35.69	25.01	7.84	3
8707	26	5.22	1459	1900	2500	20.00	10	10	15	20.81	35.70	25.08	7.69	3
8707	26	5.22	1459	1900	2500	20.00	10	10	20	19.69	35.73	25.40	7.56	3
a707	26	5.22	1459	1900	2500	20.00	10	10	25	18.50	35.66	25.65	7.43	3
8707	26	5.22	1459	1900	2500	20.00	10	10	30	17.44	35.67	25.92	7.32	3
a707	26	5.22	1459	1900	2500	20.00	10	10	35	16.49	35.66	26.14	7.23	3
8707	26	5.22	1459	1900	2500	20.00	10	10	40	15.88	35.61	26.24	7.14	3
8707	26	5.22	1459	1900	2500	20.00	10	10	45	15.57	35.59	26.30	7.05	3
8707	26	5.22	1459	1900	2500	20.00	10	10	50	15.35	35.58	26.34	6.96	3
8707	26	5.22	1459	1900	2500	20.00	10	10	55	15.15	35.56	26.37	6.88	3
8707	26	5.22	1459	1900	2500	20.00	10	10	60	14.94	35.53	26.39	6.80	3
8707	26	5.22	1459	1900	2500	20.00	10	10	65	14.73	35.51	26.43	6.72	3
8707	26	5.22	1459	1900	2500	20.00	10	10	70	14.56	35.51	26.46	6.64	3
8707	26	5.22	1459	1900	2500	20.00	10	10	75	14.39	35.49	26.48	6.56	3
8707	26	5.22	1459	1900	2500	20.00	10	10	80	14.21	35.47	26.51	6.49	3
8707	26	5.22	1459	1900	2500	20.00	10	10	85	14.02	35.45	26.53	6.41	3
6707	26	5.22	1459	1900	2500	20.00	10	10	90	13.88	35.44	26.55	6.34	3
8707	26	5.22	1459	1900	2500	20.00	10	10	95	13.77	35.42	26.56	6.26	3
6707	26	5.22	1459	1900	2500	20.00	10	10	100	13.64	35.41	26.68	6.19	3
8707	26	5.22	1459	1900	2500	20.00	10	10	110	13.44	35.39	26.60	6.05	3
8707	26	5.22	1459	1900	2500	20.00	10	10	120	13.22	35.36	26.63	5.91	3
8707	26	5.22	1459	1900	2500	20.00	10	10	130	13.03	35.35	26.65	5.77	3
6707	26	5.22	1459	1900	2500	20.00	10	10	140	12.86	35.33	26.68	5.63	3
8707	26	5.22	1459	1900	2550	20.00	10	10	150	12.75	35.33	26.70	5.50	3
8707	26	5.22	1459	1900	2500	20.00	10	10	160	12.74	35.35	26.71	5.37	3
8707	26	5.22	1459	1900	2500	20.00	10	10	170	12.48	35.31	26.73	5.24	3
8707	26	5.22	1459	1900	2500	20.00	10	10	180	12.58	35.35	26.75	5.11	3
8707	26	5.22	1459	1900	2500	20.00	10	10	190	12.57	35.38	26.77	4.98	3
8707	26	5.22	1459	1900	2500	20.00	10	10	200	12.43	35.37	26.79	4.86	3
8707	26	5.22	1459	1900	2500	20.00	10	10	210	12.32	35.36	26.81	4.73	3
8707	26	5.22	1459	1900	2500	20.00	10	10	220	12.28	35.37	26.82	4.61	3
0707	26	5.22	1459	1900	2500	20.00	10	10	230	12.12	35.35	26.83	4.49	3
0707	26	5.22	1459	1900	2500	20.00	10	10	240	12.09	35.36	26.85	4.37	3
8707	26	5.22	1459	1900	2500	20.00	10	10	250	12.07	35.37	26.84	4.25	3
0707	26	5.22	1459	1900	2500	20.00	10	10	260	12.02	35.37	26.87	4.14	3
8707	26	5.22	1459	1900	2500	20.00	10	10	270	11.94	35.37	26.88	4.02	3
8707	26	5.22	1459	1900	2500	20.00	10	10	280	11.85	35.36	26.89	3.91	3
0707	26	5.22	1459	1900	2500	20.00	10	10	290	11.75	35.35	26.90	3.79	3
8707	26	s. 22	1459	1900	2500	20.00	10	10	300	11.64	35.34	26.92	3.68	3
5707	26	5.22	1459	1900	2500	20.00	10	10	310	11.60	35.34	26.92	3.57	3
8707	26	5.22	1459	1900	2500	20.00	10	10	320	11.53	35.33	26.94	3.46	3
8707	26	5.22	1459	1900	2500	20.00	10	10	330	11.46	35.33	26.95	3.35	3
8707	26	5.22	1459	1900	2500	20.00	10	10	340	11.38	35.33	26.96	3.24	3
0707	26	5.22	1459	1900	2500	20.00	10	10	350	11.32	35.33	26.97	3.13	3
8707	26	5.22	1459	1900	2500	20.00	10	10	360	11.29	35.34	26.99	3.02	3
8707	26	5.22	1459	1900	2500	20.00	10	10	370	11.13	35.32	27.00	2.92	3
8707	26	5.22	1459	1900	2500	20.00	10	10	380	10.94	35.31	27.02	2.82	3
8707	26	5.22	1459	1900	2500	20.00	10	10	390	10.85	35.30	27.04	2.71	3
8707	26	5.22	1459	1900	2500	20.00	10	10	400	10.74	35.29	27.04	2.61	3
8707	26	5.22	1459	1900	2500	20.00	10	10	410	10.60	35.26	27.05	2.51	3
8707	26	5.22	1459	1900	2500	20.00	10	10	420	10.45	35.24	27.06	2.41	3
8707	26	5.22	1459	1900	2500	20.00	10	10	430	10.37	35.24	27.07	2.32	3
8707	26	5.22	1459	1900	2500	20.00	10	10	440	10.29	35.23	27.08	2.22	3
6707	26	5.22	1459	1900	2500	20.00	10	10	450	10.21	35.22	27.09	2.12	3
8707	26	5.22	1459	1900	2500	20.00	10	10	460	10.10	35.21	27.10	2.03	3
0707	26	5.22	1459	1900	2500	20.00	10	10	470	9.99	35.20	27.11	1.93	3
8707	26	5.22	1459	1900	2500	20.00	10	10	480	9.88	35.18	27.12	1.84	3
8707	26	5.22	1459	1900	2500	20.00	10	10	490	9.76	35.17	27.12	1.75	3
8707	26	5.22	1459	1900	2500	20.00	10	10	500	9.65	35.16	27.13	1.65	3
8707	26	5.22	1459	1900	2500	20.00	10	10	520	9.43	35.14	27.15	1.47	3
8707	26	5.22	1459	1900	2500	20.00	10	10	540	9.21	35.12	27.17	1.30	3
8707	26	5.22	1459	1900	2500	20.00	10	10	560	9.04	35.11	27.19	1.12	3
8707	26	5.22	1459	1900	2500	20.00	10	10	580	8.86	35.09	27.21	0.95	3
8707	26	5.22	1459	1900	2500	20.00	10	10	600	8.55	35.06	27.23	0.78	3

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyu	radiates
8707	26	5.22	1459	1900	2500	20.w	10	10	620	a.29	35.02	27.24	0.62	3
8707	26	5.22	1459	1900	2500	20.00	10	10	640	8.10	35.00	27.26	0.46	3
8707	26	5.22	1459	1900	2500	20.w	10	10	660	7.66	34.98	27.28	0.30	3
8707	26	5.22	1459	1900	2500	20.w	10	10	660	7.72	34.97	27.29	0.15	3
8707	26	5.22	1459	1900	2500	20.00	10	10	700	7.67	34.97	27.30	0.00	3
6707	27	8.45	1433	1900	3000	20.60	18	20	0	21.99	35.74	24.70	8.36	4
8707	27	a.45	1433	1900	3000	20.60	18	20	5	21.96	35.74	24.78	a.22	4
8707	27	a.45	1433	1900	3000	20.60	18	20	10	21.98	35.74	24.76	8.06	4
8707	27	a.45	1433	1900	3000	20.60	18	20	15	21.97	35.74	24.78	7.91	4
6707	27	a.45	1433	1900	3000	20.60	18	20	20	21.97	35.74	24.78	7.75	4
8707	27	8.45	1433	1900	3000	20.60	18	20	25	21.85	35.74	24.82	7.59	4
6707	27	a.45	1433	1900	3000	20.60	18	20	30	20.13	35.67	25.24	7.45	4
8707	27	a.45	1433	1900	3000	20.60	18	20	35	16.45	35.66	25.66	7.32	4
8707	27	6.45	1433	1900	3000	20.60	18	20	40	17.55	35.66	25.69	7.21	4
6707	27	8.45	1433	1900	3000	20.60	18	20	45	17.01	35.65	26.01	7.11	4
8707	27	a.45	1433	1900	3000	20.80	18	20	50	1b.54	35.65	26.13	7.01	4
8707	27	a.45	1433	1900	3000	20.60	18	20	55	16.05	35.65	26.22	6.92	4
8707	27	a.45	1433	1900	3000	20.60	18	20	60	15.65	35.60	26.31	6.63	4
8707	27	a.45	1433	1900	3000	20.60	18	20	65	15.20	35.57	26.37	6.75	4
8707	27	8.45	1433	1900	3000	20.60	18	20	70	14.99	35.55	26.40	6.67	4
8707	27	8.45	1433	1900	3000	20.60	18	20	75	14.75	35.53	26.43	6.59	4
8707	27	a.45	1433	1900	3000	20.80	18	20	80	14.53	35.50	26.46	6.51	4
8707	27	6.45	1433	1900	3000	20.60	18	20	85	14.32	35.47	26.49	6.43	4
8707	27	a.45	1433	1900	3000	20.60	18	20	90	14.26	35.47	26.50	6.36	4
8707	27	a.45	1433	1900	3000	20.60	18	20	95	14.21	35.46	26.51	6.28	4
6707	27	a.45	1433	1900	3000	20.80	18	20	100	14.16	35.49	26.53	6.21	4
8707	27	8.46	1433	1900	3000	20.80	18	20	110	13.98	35.46	26.54	6.06	4
6707	27	a.45	1433	1900	3000	20.60	18	20	120	13.60	35.46	26.56	5.91	4
6707	27	6.45	1433	1900	3000	20.80	18	20	130	13.58	35.43	26.61	5.77	4
6707	27	a.45	1433	1900	3000	20.80	18	20	140	13.41	35.42	26.63	5.63	4
8707	27	6.45	1433	1900	3000	20.60	18	20	150	13.20	35.40	26.66	5.49	4
8707	27	8.45	1433	1900	3000	20.80	18	20	160	13.12	35.39	26.67	5.36	4
8707	27	8.45	1433	1900	3000	20.60	18	20	170	12.99	35.39	26.70	5.22	4
8707	27	a.46	1433	1900	3000	20.w	18	20	160	12.77	35.37	26.72	5.09	4
8707	27	a.45	1433	1900	3000	20.60	18	20	190	12.66	35.35	26.73	4.96	4
8707	27	8.45	1433	1900	3000	20.80	18	20	200	12.55	35.35	26.75	4.83	4
8707	27	a.45	1433	1900	3000	20.60	18	20	210	12.51	35.35	26.76	4.70	4
8707	27	a.45	1433	1900	3000	20.80	18	20	220	12.46	35.36	26.78	4.56	4
8707	27	a.45	1433	1900	3000	20.60	16	20	230	12.44	35.36	26.79	4.45	4
a707	27	a.45	1433	1900	3000	20.60	18	20	240	12.23	35.35	26.82	4.33	4
8707	27	a.45	1433	1900	3000	20.80	18	20	250	12.07	35.34	26.64	4.21	4
8707	27	a.45	1433	1900	3000	20.80	18	20	260	11.95	35.33	26.85	4.09	4
8707	27	8.45	1433	1900	3000	20.60	18	20	270	11.84	35.32	26.86	3.97	4
8707	27	a.45	1433	1900	3000	20.80	18	20	280	11.66	35.30	26.66	3.86	4
8707	27	8.45	1433	1900	3000	20.60	18	20	290	11.59	35.30	26.90	3.74	4
8707	27	a.45	1433	1900	3000	20.60	18	20	300	11.57	35.32	26.91	3.65	4
8707	27	a.45	1433	1900	3000	20.60	18	20	310	11.48	35.32	26.93	3.52	4
8707	27	a.45	1433	1900	3000	20.60	18	20	320	11.37	35.31	26.94	3.41	4
8707	27	a.45	1433	1900	3000	20.60	18	20	330	11.26	35.30	26.96	3.30	4
8707	27	8.45	1433	1900	3000	20.80	18	20	340	11.17	35.30	26.97	3.19	4
8707	27	a.45	1433	1900	3000	20.60	18	20	350	11.03	35.29	27.00	3.09	4
8707	27	8.45	1433	1900	3000	20.60	18	20	360	10.94	35.29	27.01	2.98	4
6707	27	a.45	1433	1900	3000	20.60	18	20	370	10.60	35.26	27.01	2.66	4
8707	27	a.45	1433	1900	3000	20.60	16	20	380	10.54	35.23	27.03	2.76	4
8707	27	a.45	1433	1900	3000	20.80	18	20	390	10.36	35.20	27.04	2.68	4
8707	27	a.45	1433	1900	3000	20.80	18	20	400	10.40	35.22	27.05	2.58	4
8707	27	a.45	1433	1900	3000	20.80	18	20	410	10.42	35.24	27.06	2.46	4
8707	27	a.45	1433	1900	3000	20.60	18	20	420	10.36	35.23	27.07	2.38	4
8707	27	a.45	1433	1900	3000	20.80	18	20	430	10.29	35.23	27.06	2.28	4
6707	27	8.45	1433	1900	3000	20.80	18	20	440	10.09	35.20	27.09	2.16	4
8707	27	a.45	1433	1900	3000	20.60	18	20	450	10.07	35.20	27.10	2.09	4
6707	27	8.45	1433	1900	3000	20.80	18	20	460	9.97	35.20	27.11	1.99	4
6707	27	6.45	1433	1900	3000	20.80	18	20	470	9.87	35.19	27.12	1.90	4
8707	27	a.45	1433	1900	3000	20.60	18	20	480	9.77	35.18	27.13	1.81	4
6707	27	9.45	1433	1900	3000	20.80	18	20	490	9.66	35.16	27.15	1.72	4
8707	27	6.45	1433	1900	3000	20.80	16	20	500	9.52	35.16	27.16	1.63	4
6707	27	8.45	1433	1900	3000	20.80	18	20	520	9.27	35.13	27.17	1.45	4
8707	27	0.45	1433	1900	3000	20.80	18	20	540	9.06	35.11	27.19	1.26	4
8707	27	a.45	1433	1900	3000	20.80	18	20	560	8.67	35.09	27.21	1.11	4
0707	27	6.45	1433	1900	3000	20.80	18	20	580	a.57	35.06	27.23	0.94	4
8707	27	0.45	1433	1900	3000	20.80	18	20	600	6.30	35.03	27.25	0.78	4
6707	27	6.45	1433	1900	3000	20.80	18	20	620	a.14	35.01	27.26	0.62	4
6707	27	6.45	1433	1900	3000	20.80	18	20	640	7.98	34.99	27.27	0.46	4
8707	27	8.45	1433	1900	3000	20.80	18	20	660	7.82	34.96	27.28	0.30	4
8707	27	6.45	1433	1900	3000	20.80	18	20	680	7.69	34.97	27.29	0.15	4
8707	27	6.45	1433	1900	3000	20.80	18	20	700	7.56	34.96	27.30	0.00	4
8707	28	13.16	1435	1830	3000	20.80	12	10	0	19.94	35.63	25.25	8.21	4
8707	28	13.16	1435	1830	3000	20.80	12	10	5	19.91	35.63	25.27	8.07	4
8707	28	13.18	1435	1630	3000	20.80	12	10	10	19.63	35.64	25.29	7.94	4
6707	28	13.16	1435	1830	3000	20.80	12	10	15	19.68	35.65	25.34	7.80	4

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	28	13.18	1435	1830	3000	20.80	12	10	20	18.51	35.72	25.70	7.60	4
0707	28	13.18	1435	1830	3000	20.80	12	10	25	17.79	35.71	25.07	7.57	4
8707	28	13.18	1435	1830	3000	20.80	12	10	30	17.34	35.69	25.96	7.47	4
8707	28	13.18	1435	1830	3000	20.80	12	10	35	16.70	35.66	26.09	7.37	4
0707	28	13.18	1435	1830	3000	20.80	12	10	40	10.25	35.66	na.20	7.28	4
8707	28	13.18	1435	1830	3000	20.80	12	10	45	15.79	35.64	26.28	7.19	4
8707	28	13.18	1435	1830	3000	20.80	12	10	50	15.47	35.60	26.33	7.10	4
8707	28	13.18	1435	1830	3000	20.80	12	10	55	15.21	35.58	26.37	7.02	4
8707	28	13.18	1435	1830	3000	20.80	12	10	60	14.89	35.53	26.41	6.94	4
8707	20	13.18	1435	1830	3000	20.80	12	10	65	14.68	35.51	26.44	6.86	4
8707	28	13.18	1435	1830	3000	20.80	12	10	70	14.53	35.50	26.46	6.78	4
8707	28	13.18	1435	1830	3000	20.80	12	10	75	14.44	35.49	26.47	6.70	4
8707	28	13.18	1435	1830	3000	20.80	12	10	80	14.26	35.47	26.50	6.63	4
8707	28	13.18	1435	1830	3000	20.80	12	10	85	14.13	35.46	26.51	6.55	4
8707	28	13.18	1435	1830	3000	20.80	12	10	90	14.02	35.45	26.63	6.48	4
0707	28	13.18	1435	1830	3000	20.80	12	10	95	13.91	35.43	26.54	6.40	4
8707	28	13.18	1435	1830	3000	20.80	12	10	100	13.79	35.42	26.56	6.33	4
8707	28	13.18	1435	1830	3000	20.80	12	10	110	13.59	35.41	26.59	6.18	4
6707	28	13.18	1435	1830	3000	20.80	12	10	120	13.40	35.34	26.60	6.04	4
8707	28	13.18	1435	1830	3000	20.80	12	10	130	13.24	35.36	26.62	5.94	4
8707	28	13.18	1435	1830	3000	20.80	12	10	140	13.08	35.35	24.64	5.76	4
8707	28	13.18	1435	1830	3000	20.80	12	10	150	12.97	35.34	26.66	5.62	4
8707	28	13.18	1435	1830	3000	20.80	12	10	160	12.78	35.32	26.68	5.49	4
8707	28	13.18	1435	1830	3000	20.80	12	10	170	12.67	35.31	26.70	5.35	4
8707	28	13.18	1435	1830	3000	20.80	12	10	180	12.56	35.30	26.71	5.22	4
8707	28	13.18	1435	1830	3000	20.80	12	10	190	12.44	35.28	26.72	5.09	4
0707	28	13.18	1435	1830	3000	20.80	12	10	200	12.31	35.26	26.73	4.96	4
8707	28	13.18	1435	1830	3000	20.80	12	10	210	12.15	35.25	26.75	4.83	4
a707	28	13.18	1435	1830	3000	20.80	12	10	220	12.02	35.23	26.76	4.70	4
0707	28	13.18	1435	1830	3000	20.80	12	10	230	11.95	35.22	26.77	4.58	4
8707	28	13.18	1435	1830	3000	20.80	12	10	240	11.89	35.22	26.70	4.45	4
8707	28	13.18	1435	1830	3000	20.80	12	10	250	11.79	35.21	26.79	4.33	4
8707	28	13.18	1435	1830	3000	20.80	12	10	260	11.63	35.19	26.81	4.20	4
8707	28	13.18	1435	1830	3000	20.80	12	10	270	11.67	35.23	26.83	4.08	4
8707	28	13.18	1435	1830	3000	20.80	12	10	280	11.82	35.30	26.85	3.96	4
8707	28	13.18	1435	1830	3000	20.80	12	10	290	11.80	35.30	26.86	3.84	4
8707	28	13.18	1435	1830	3000	20.80	12	10	300	11.53	35.26	26.88	3.73	4
0707	13	13.18	1435	1830	3000	20.80	12	10	310	11.68	35.33	26.90	3.61	4
8707	13	13.18	1435	1830	3000	20.80	12	10	320	11.63	35.33	26.92	3.50	4
8707	28	13.18	1435	1830	3000	20.80	12	10	330	11.54	35.33	26.93	3.39	4
8707	28	13.18	1435	1830	3000	20.80	12	10	340	11.46	35.32	26.94	3.28	4
8707	28	13.18	1435	1830	3000	20.80	12	10	350	11.38	35.32	26.95	3.17	4
8707	28	13.18	1435	1830	3000	20.80	12	10	360	11.25	35.30	26.96	3.06	4
8707	28	13.18	1435	1830	3000	20.80	12	10	370	11.12	35.29	26.98	2.95	4
8707	28	13.18	1435	1830	3000	20.80	12	10	380	11.03	35.28	26.98	2.85	4
8707	28	13.18	1435	1830	3000	20.80	12	10	390	11.02	35.28	26.99	2.74	4
6707	28	13.18	1435	1830	3000	20.80	12	10	400	10.92	35.28	27.01	2.64	4
8707	28	13.18	1435	1830	3000	20.80	12	10	410	10.79	35.27	27.02	2.53	4
8707	28	13.18	1435	1830	3000	20.80	12	10	420	10.62	35.25	27.03	2.43	4
8707	28	13.18	1435	1830	3000	20.80	12	10	430	10.45	35.23	27.05	2.33	4
8707	28	13.18	1435	1830	3000	20.80	12	10	440	10.32	35.22	27.07	2.23	4
8707	28	13.18	1435	1830	3000	20.80	12	10	450	10.22	35.22	27.00	2.14	4
8707	28	13.18	1435	1830	3000	20.80	12	10	460	10.05	35.20	27.10	2.04	4
8707	28	13.18	1435	1830	3000	20.80	12	10	470	9.67	35.18	27.11	1.95	4
0707	13	13.18	1435	1830	3000	20.80	12	10	480	9.64	35.15	27.13	1.85	4
8707	28	13.18	1435	1830	3000	20.80	12	10	490	9.48	35.13	27.14	1.76	4
8707	28	13.18	1435	1830	3000	20.80	12	10	500	9.37	35.11	27.14	1.67	4
8707	28	13.18	1435	1830	3000	20.80	12	10	520	9.11	35.07	27.16	1.49	4
8707	28	13.18	1435	1830	3000	20.80	12	10	540	8.78	35.04	27.18	1.31	4
6707	28	13.18	1435	1830	3000	20.80	12	10	560	8.62	35.02	27.20	1.14	4
8707	28	13.18	1435	1830	3000	20.80	12	10	580	8.43	35.01	27.21	0.97	4
8707	28	13.18	1435	1830	3000	20.80	12	10	600	8.23	34.98	27.22	0.80	4
8707	28	13.18	1435	1830	3000	20.80	12	10	620	8.06	34.96	27.23	0.54	4
8707	28	13.18	1435	1830	3000	20.80	12	10	640	7.95	34.95	27.24	0.47	4
8707	28	13.18	1435	1830	3000	20.80	12	10	660	7.85	34.95	27.25	0.31	4
8707	28	13.18	1435	1830	3000	20.80	12	10	680	7.76	34.95	27.27	0.15	4
8707	28	13.18	1435	1830	3000	20.80	12	10	700	7.67	34.94	27.28	0.00	4
8707	29	17.26	1435	1759	2500	21.50	10	20	0	19.57	35.64	25.34	8.49	4
8707	29	17.26	1435	1759	2500	21.50	10	20	5	19.58	35.63	25.35	8.36	4
8707	29	17.26	1435	1759	2500	21.50	10	20	10	18.62	35.63	25.59	0.23	4
8707	29	17.26	1435	1759	2500	21.50	10	20	15	17.32	35.61	25.91	8.12	4
8707	29	17.26	1435	1759	2500	21.50	10	20	20	16.96	35.61	25.99	8.02	4
8707	29	17.26	1435	1759	2500	21.50	10	20	25	16.32	35.58	26.12	7.92	4
6707	29	17.26	1435	1759	2500	21.50	10	20	30	15.88	35.56	26.20	7.63	4
8707	29	17.26	1435	1759	2500	21.50	10	20	35	15.76	35.55	26.23	7.74	4
8707	29	17.26	1435	1759	2500	21.50	10	20	40	15.66	35.55	26.25	7.65	4
8707	29	17.26	1435	1759	2500	21.50	10	20	45	15.54	35.54	26.27	7.56	4
8707	29	17.26	1435	1759	2500	21.50	10	20	50	15.28	35.53	26.32	7.48	4
0707	29	17.26	1435	1759	2500	21.50	10	20	55	15.17	35.53	26.34	7.40	4
8707	29	17.26	1435	1759	2500	21.50	10	20	60	15.06	35.52	26.36	7.31	4

campagne	stations	heures	latitudes	longitudes	fond	t sech	vit vent	dir vent	immersions	temp	salinité	slgm	hdyn	radiales
8707	29	17.26	1435	1759	2500	21.50	10	20	65	14.95	35.52	26.38	7.23	4
8707	29	17.26	1435	1759	2500	21.50	10	m	70	14.88	35.51	26.39	7.15	4
8707	29	17.26	1435	1759	2500	21.50	10	20	75	14.82	35.51	26.40	7.07	4
8707	29	17.26	1435	1759	2500	21.50	10	m	80	14.69	35.50	26.42	6.99	4
8707	29	17.26	1435	1759	2500	21.50	10	20	a5	14.58	35.49	26.44	6.91	4
8707	29	17.26	1435	1759	2500	21.50	10	20	90	14.53	35.49	26.45	6.83	4
8707	29	17.26	1435	1759	2500	21.50	10	20	95	14.49	35.49	26.46	6.75	4
8707	29	17.26	1435	1759	2500	21.50	10	20	100	14.44	35.48	26.46	6.67	4
8707	29	17.26	1435	1759	2500	21.50	10	20	110	14.34	35.47	26.48	6.52	4
8707	29	17.26	1435	1759	2500	21.50	10	20	120	14.23	35.46	26.49	6.37	4
8707	29	17.26	1435	1759	2500	21.50	10	m	130	14.13	35.45	26.50	6.21	4
6707	29	17.26	1435	1759	2500	21.50	10	20	140	14.03	35.44	26.52	6.06	4
8707	29	17.26	1435	1759	2500	21.50	10	m	150	13.93	35.43	26.53	5.91	4
8707	29	17.26	1435	1759	2500	21.50	10	20	160	13.85	35.42	26.54	5.77	4
8707	29	17.26	1435	1759	2500	21.50	10	20	170	13.78	35.42	26.55	5.62	4
8707	29	17.26	1435	1759	2500	21.50	10	20	180	13.74	35.41	26.56	5.47	4
8707	29	17.26	1435	1759	2500	21.50	10	20	190	13.65	35.40	26.57	5.33	4
8707	29	17.26	1435	1759	2500	21.50	10	m	200	13.56	35.32	26.58	5.18	a
8707	29	17.26	1435	1759	2500	21.50	10	m	210	13.42	35.38	26.60	5.04	4
8707	29	17.26	1435	1759	2500	21.50	10	m	220	13.16	35.35	26.63	4.90	4
8707	29	17.26	1435	1759	2500	21.50	10	20	230	13.00	35.35	26.66	4.76	4
8707	29	17.26	1435	1759	2500	21.50	10	20	240	12.88	35.33	26.67	4.62	4
8707	29	17.26	1435	1759	2500	21.50	10	20	250	12.67	35.30	26.69	4.49	4
6707	29	17.26	1435	1759	2500	21.50	10	20	260	12.46	35.29	26.72	4.36	4
8707	29	17.26	1435	1759	2500	21.50	10	m	270	12.33	35.29	26.75	4.23	4
8707	29	17.26	1435	1759	2500	21.50	10	m	280	12.23	35.28	26.76	4.10	4
8707	29	17.26	1435	1759	2500	21.50	10	m	290	12.14	35.28	26.77	3.97	4
0707	29	17.26	1435	1759	2500	21.50	10	m	300	12.09	35.29	26.00	3.85	4
8707	29	17.26	1435	1759	2500	21.50	10	m	310	12.04	35.31	16.82	3.73	4
8707	29	11.26	1435	1759	2500	21.50	10	m	320	11.94	35.31	26.84	3.61	4
8707	29	17.26	1435	1759	2500	21.50	10	m	330	11.82	35.31	26.86	3.49	4
8707	29	17.26	1435	1759	2500	21.50	10	m	340	11.72	35.31	26.88	3.37	4
a707	29	17.26	1435	1759	2500	21.50	10	20	350	11.63	35.31	26.89	3.25	4
a707	29	17.26	1435	1759	2500	21.50	10	20	360	11.57	35.31	26.91	3.14	4
8707	29	17.26	1435	1759	2500	21.50	10	20	370	11.46	35.31	26.93	3.03	4
8707	29	17.26	1435	1759	2500	21.50	10	20	380	11.37	35.30	26.94	2.92	4
8707	29	17.26	1435	1759	2500	21.50	10	20	390	11.17	35.28	26.96	2.81	4
8707	29	17.26	1435	1759	2500	21.50	10	20	400	11.10	35.28	26.98	2.70	4
8707	29	17.26	1435	1759	2500	21.50	10	20	410	10.96	35.27	26.99	2.60	4
0707	29	17.26	1435	1759	2500	21.50	10	20	420	10.80	35.27	27.02	2.49	4
8707	29	17.26	1435	1759	2500	21.50	10	20	430	10.65	35.27	27.04	2.39	4
8707	29	17.26	1435	1759	2500	21.50	10	20	M O	10.37	35.24	27.07	2.29	4
8707	29	17.26	1435	1759	2500	21.50	10	20	450	10.30	35.24	27.08	2.20	4
6707	2	9	1435	1759	2500	21.50	10	m	460	10.24	35.23	27.09	2.10	4
8707	29	17.26	1435	1759	2500	21.50	10	m	470	10.14	35.22	27.10	2.00	4
8707	29	17.26	1435	1759	2500	21.50	10	m	480	10.00	35.20	27.11	1.91	4
6707	29	17.26	1435	1759	2500	21.50	10	20	490	9.88	35.19	27.12	1.82	4
8707	29	17.26	1435	1759	2500	21.50	10	m	500	9.84	35.19	27.12	1.72	4
8707	29	17.26	1435	1759	2500	21.50	10	m	520	9.73	35.17	27.13	1.54	4
8707	29	17.26	1435	1759	2500	21.50	10	20	540	9.58	35.15	27.14	1.36	4
8707	29	17.26	1435	1759	2500	21.50	10	20	560	9.46	35.14	27.15	1.17	4
8707	29	17.26	1435	1759	2500	21.50	10	20	580	9.17	35.11	27.17	1.00	4
8707	29	17.26	1435	1759	2500	21.50	10	20	600	9.04	35.10	27.19	0.82	4
8707	29	17.26	1435	1759	2500	21.50	10	20	620	0.73	35.06	27.21	0.65	4
6707	29	17.26	1435	1759	2500	21.50	10	20	640	8.70	35.07	-27722	0.48	4
8707	29	17.26	1435	1759	2500	21.50	10	20	660	8.53	35.06	27.24	0.32	4
8707	29	17.26	1435	1759	2500	21.50	10	20	680	8.33	35.04	17.25	0.15	4
8707	29	17.26	1435	1759	2500	21.50	10	20	700	7.88	34.97	27.27	0.00	4
8707	30	20.07	1434	1744	1500	19.70	13	10	0	19.32	35.54	25.36	7.90	4
0707	30	20.07	1434	1744	1500	19.70	13	10	5	19.30	35.54	25.36	7.77	4
8707	30	20.07	1434	1744	1500	19.70	13	10	10	19.27	35.53	25.36	7.63	4
8707	30	20.07	1434	1744	1500	19.70	13	10	15	18.86	35.56	25.48	7.51	4
8707	30	20.07	1434	1744	1500	19.70	13	10	m	18.31	35.58	25.63	7.39	4
8707	30	m.07	1434	1744	1500	19.70	13	10	2.5	17.77	35.60	25.78	7.27	4
8707	30	20.07	1434	1744	1500	19.70	13	10	30	17.18	35.60	25.93	7.17	4
8707	30	20.07	1434	1744	1500	19.70	13	10	35	16.53	35.58	26.07	7.07	4
8707	30	m.07	1434	1744	1500	19.70	13	10	40	16.18	35.57	26.14	6.97	4
8707	30	20.07	1434	1744	1500	19.70	13	10	45	16.04	35.57	26.17	6.88	4
8707	30	20.07	1434	1744	1500	19.70	13	10	50	15.97	35.57	26.19	6.79	4
0707	30	20.07	1434	1744	1500	19.70	13	10	55	15.86	35.57	26.22	6.70	4
8707	30	20.07	1434	1744	1500	19.70	13	10	60	15.51	35.55	26.28	6.61	4
8707	30	20.07	1434	1744	1500	19.70	13	10	65	15.15	35.53	26.34	6.53	4
8707	30	20.07	1434	1744	1500	19.70	13	10	70	14.90	35.51	26.39	6.45	4
8707	30	20.07	1434	1744	1500	19.70	13	10	75	14.79	35.50	26.40	6.36	4
8707	30	20.07	1434	1744	1500	19.70	13	10	80	14.69	35.49	26.42	6.28	4
8707	30	20.07	1434	1744	1500	19.70	13	10	85	14.60	35.49	26.43	6.21	4
8707	30	20.07	1434	1744	1500	19.70	13	10	90	14.58	35.49	26.44	6.13	4
8707	30	20.07	1434	1744	1500	19.70	13	10	95	14.49	35.48	26.45	6.05	4
8707	30	20.07	1434	1744	1500	19.70	13	10	100	14.43	35.47	26.46	5.97	4
8707	30	20.07	1434	1744	1500	19.70	13	10	110	14.29	35.47	26.48	5.82	4

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	30	20.07	1434	1744	1500	19.70	13	10	120	14.21	35.46	-26.50	5.66	4
8707	30	20.07	1434	1744	1500	19.70	13	10	130	14.11	35.45	26.51	5.51	4
8707	30	20.07	1434	1744	1500	19.70	13	10	140	14.03	35.44	26.52	5.34	4
8707	30	20.07	1434	1744	1500	19.70	13	10	150	13.92	35.43	26.54	5.21	4
8707	30	20.07	1434	1744	1500	19.70	13	10	160	13.77	35.42	26.54	5.06	4
8707	30	20.07	1434	1744	1500	19.70	13	10	170	11.62	35.40	26.58	4.92	4
8707	30	20.07	1434	1744	1500	19.70	13	10	180	13.52	35.39	26.59	4.78	4
8707	30	20.07	1434	1744	1500	19.70	13	10	190	13.39	35.38	26.60	4.63	4
8707	30	20.07	1434	1744	1500	19.70	13	10	200	13.30	35.37	26.61	4.49	4
8707	30	20.07	1434	1744	1500	19.70	13	10	210	13.10	35.34	26.64	4.35	4
8707	30	20.07	1434	1744	1500	19.70	13	10	220	12.94	35.32	26.65	4.21	4
8707	30	20.07	1434	1744	1500	19.70	13	10	230	12.80	35.32	26.68	4.08	4
8707	30	20.07	1434	1744	1500	19.70	13	10	240	12.68	35.31	26.69	3.94	4
8707	30	m.07	1434	1744	1500	19.70	13	10	250	12.62	35.30	26.70	3.81	4
8707	30	20.07	1434	1744	1500	19.70	13	10	260	11.57	35.30	26.71	3.68	4
8707	30	20.07	1434	1744	1500	19.70	13	10	270	12.46	35.29	26.72	3.55	4
8707	30	20.07	1434	1744	1500	19.70	13	10	280	12.39	35.29	26.73	3.42	4
8707	30	20.07	1434	1744	1500	19.70	13	10	290	12.32	35.29	26.75	3.29	4
8707	30	20.07	1434	1744	1500	19.70	13	10	300	12.25	35.29	26.76	3.16	4
8707	30	20.07	1434	1744	1500	19.70	13	10	310	12.17	35.29	26.78	3.03	4
8707	30	20.07	1434	1744	1500	19.70	13	10	320	12.08	35.29	26.79	2.91	4
8707	30	20.07	1434	1744	1500	19.70	13	10	330	11.93	35.28	26.82	2.79	4
8707	30	m.07	1434	1744	1500	19.70	13	10	340	11.83	35.26	26.82	2.66	4
8707	30	m.07	1434	1744	1500	19.70	13	10	350	11.81	35.28	26.84	2.54	4
8707	30	m.07	1434	1744	1500	19.70	13	10	360	11.77	35.28	26.85	2.42	4
8707	30	20.07	1434	1744	1500	19.70	13	10	370	11.67	35.29	26.87	2.31	4
8707	30	20.07	1434	1744	1500	19.70	13	10	380	11.59	35.29	26.89	2.19	4
8707	30	20.07	1434	1744	1500	19.70	13	10	39a	11.53	35.29	26.90	2.08	4
8707	30	20.07	1434	1744	1500	19.70	13	10	400	11.45	35.29	26.92	1.96	4
8707	30	20.07	1434	1744	1500	19.70	13	10	410	11.39	35.30	26.94	1.85	4
8707	30	20.07	1434	1744	1500	19.70	13	10	420	11.27	35.30	26.96	1.74	4
8707	30	20.07	1434	1744	1500	19.70	13	10	430	11.20	35.29	26.97	1.64	4
8707	30	20.07	1434	1744	1500	19.70	13	10	440	11.14	35.29	26.98	1.53	4
8707	30	20.07	1434	1744	1500	19.70	13	10	450	11.00	35.28	26.99	1.42	4
8707	30	20.07	1434	1744	1500	19.70	13	10	460	10.83	35.27	27.01	1.32	4
8707	30	20.07	1434	1744	1500	19.70	13	10	470	10.75	35.26	27.02	1.22	4
8707	30	m.07	1434	1744	1500	19.70	13	10	480	10.59	35.24	27.04	1.12	4
8707	30	20.07	1434	1744	1500	19.70	13	10	490	10.46	35.23	27.05	1.02	4
8707	30	20.07	1434	1744	1500	19.70	13	10	500	10.29	35.22	27.08	0.92	4
8707	30	20.07	1434	1744	1500	19.70	13	10	520	10.15	35.21	27.09	0.72	4
8707	30	20.07	1434	1744	1500	19.70	13	10	M O	9.99	35.21	27.11	0.53	4
8707	30	20.07	1434	1744	1500	19.70	13	10	560	9.71	35.17	27.13	0.35	4
8707	30	20.07	1434	1744	1500	19.70	13	10	580	9.18	35.11	27.17	0.17	4
8707	30	20.07	1434	1744	1500	19.70	13	10	600	8.84	35.07	17.19	0.00	4
8707	31	22.03	1435	1735	195	18.80	a	10	0	18.73	35.56	25.51	2.68	4
8707	31	22.03	1435	1735	195	18.80	a	10	5	18.72	35.56	25.51	2.56	4
8707	31	22.03	1435	1735	195	18.80	a	10	10	18.65	35.55	25.53	2.43	4
8707	31	22.03	1435	1735	195	18.80	a	10	15	18.21	35.54	-25.64	2.32	4
8707	31	22.03	1435	1735	195	18.80	a	10	20	17.41	35.54	25.83	2.20	4
8707	31	22.03	1435	1735	195	18.80	a	10	25	16.61	35.54	26.02	2.10	4
8707	31	22.03	1435	1735	195	18.80	a	10	30	15.85	35.54	26.19	2.01	4
8707	31	22.03	1435	1735	195	18.80	a	10	35	15.29	35.53	26.32	1.92	4
8707	31	22.03	1435	1735	195	18.80	a	10	40	15.15	35.53	26.35	1.83	4
8707	31	22.03	1435	1735	195	18.80	a	10	45	15.00	35.52	26.37	1.75	4
8707	31	22.03	1435	1735	195	18.80	a	10	50	14.83	35.51	26.40	1.67	4
8707	31	22.03	1435	1735	195	18.80	a	10	55	14.64	35.50	26.43	1.59	4
8707	31	22.03	1435	1735	195	18.80	a	10	60	14.48	35.48	26.46	1.51	4
8707	31	22.03	1435	1735	195	18.80	a	10	65	14.41	35.48	26.47	1.43	4
8707	31	22.03	1435	1735	195	18.80	a	10	70	14.33	35.47	26.48	1.36	4
8707	31	22.03	1435	1735	195	18.80	a	10	75	14.27	35.44	26.49	1.28	4
8707	31	22.03	1435	1735	195	18.80	a	10	80	14.27	35.44	26.49	1.20	4
8707	31	22.03	1435	1735	195	18.80	a	10	85	14.26	35.44	26.49	1.13	4
8707	31	22.03	1435	1735	195	18.80	a	10	90	14.26	35.46	26.49	1.05	4
8707	31	22.03	1435	1735	195	18.80	a	10	95	14.25	35.46	26.49	0.97	4
8707	31	22.05	1435	1735	195	18.80	a	10	100	14.25	35.46	26.49	0.90	4
8707	31	22.03	1435	1735	195	18.80	a	10	110	14.18	35.46	26.50	0.75	4
8707	31	22.03	1435	1735	195	18.80	a	10	120	14.08	35.45	26.51	0.59	4
8707	31	22.03	1435	1735	195	18.80	a	10	130	14.04	35.45	26.52	0.44	4
8707	31	22.03	1435	1735	195	18.80	a	10	140	14.04	35.45	26.52	0.29	4
8707	31	22.03	1435	1735	195	18.80	a	10	150	14.04	35.45	26.52	0.14	4
8707	31	22.03	1435	1735	195	18.80	a	10	160	14.04	35.45	26.52	0.00	4
8707	32	23.15	1435	1732	80	18.20	5	10	0	17.32	35.56	25.86	1.22	4
8707	32	23.15	1435	1732	80	18.20	5	10	5	17.30	35.56	25.87	1.12	4
8707	32	23.15	1435	1732	80	18.20	5	10	10	17.27	35.57	25.88	1.01	4
8707	32	23.15	1435	1732	80	18.20	5	10	15	17.02	35.55	25.93	0.91	4
8707	32	23.15	1435	1732	80	18.20	5	10	20	16.09	35.54	26.15	0.81	4
8707	32	23.15	1435	1732	80	18.20	5	10	25	15.55	35.54	26.26	0.72	4
8707	32	23.15	1435	1732	80	18.20	5	10	30	15.27	35.54	26.32	0.64	4
8707	32	23.15	1435	1732	80	18.20	5	10	35	15.14	35.53	26.35	0.55	4
8707	32	23.15	1435	1732	80	18.20	5	10	40	15.04	35.53	26.37	0.47	4

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	mersions	temp	salinité	slgm	hdyn	radiales
8707	32	23.15	14.35	1732	80	18.20	5	10	45	14.86	35.51	26.40	0.39	4
8707	32	23.15	1435	1732	80	18.20	5	10	50	14.70	35.50	26.42	0.31	4
8707	32	23.15	1 4 3 5	1732	80	18.20	5	10	55	14.56	35.49	26.44	0.23	4
8707	32	23.15	1435	1732	80	18.20	5	10	60	14.52	33.49	26.45	0.15	4
6707	32	23.15	1435	1732	80	18.20	5	10	65	14.46	35.48	26.46	0.07	4
8707	32	23.15	1435	1732	80	18.20	5	10	70	14.39	35.48	26.47	0.00	4
8707	33	1.00	1435	1720	34	17.90	5	10	0	16.93	35.52	25.93	0.46	4
8707	33	1.00	1435	1720	34	17.90	5	10	5	16.81	35.52	25.96	0.36	4
8707	33	1.00	1435	1720	34	17.90	5	10	10	16.47	35.51	26.03	0.26	4
8707	33	1.00	1435	1720	34	17.90	5	10	15	15.51	35.52	26.26	0.17	4
8707	33	1.00	1435	1720	34	17.90	5	10	20	15.31	35.53	26.31	0.08	4
8707	33	1.00	1435	1720	34	17.90	5	10	25	15.27	35.52	26.31	0.00	4
8707	34	2.30	1435	1790	11	17.30	9	0	0	15.89	35.50	26.15	0.09	4
8707	34	2.30	1435	1790	11	17.30	9	0	5	15.77	35.50	26.18	0.00	4
8707	35	5.52	1470	1720	15	17.00	9	10	0	16.44	35.50	26.03	0.09	5
8707	35	5.52	1470	1720	15	17.00	9	10	5	16.44	35.50	26.02	0.00	5
8707	36	7.51	1470	1716	50	17.70	12	355	0	17.10	35.51	25.88	0.80	5
0707	36	7.51	1470	1716	50	17.70	12	355	5	17.08	35.54	25.90	0.70	5
8707	36	7.51	1470	1716	50	17.70	12	35.5	10	17.07	35.54	25.91	0.59	5
0707	36	7.51	1470	1716	50	17.70	12	355	15	17.06	35.54	25.91	0.49	5
8707	36	7. 5 1	1470	1716	50	17.70	12	355	20	16.97	35.54	25.94	0.38	5
8707	36	7. 5 1	1470	1716	50	17.70	12	355	25	16.81	35.53	25.96	0.28	5
6707	36	7. 5 1	1470	1716	50	17.70	12	355	30	16.40	35.55	26.08	0.18	5
0707	36	7. 5 1	1470	1716	50	17.70	12	355	35	16.33	35.56	26.10	0.09	5
8707	36	7. 5 1	1470	1716	50	17.70	12	355	40	15.95	35.55	26.18	0.00	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	0	18.48	35.58	25.59	1.57	5
8707	37	9.45	1470	1727	96	19.50	16	355	5	18.44	35.68	25.60	1.45	5
8707	37	9.45	1470	1727	96	19.50	16	355	10	18.36	35.58	25.62	1.33	5
8707	37	9.45	1470	1727	96	19.50	16	355	15	18.11	35.57	25.68	1.22	5
8707	37	9.45	1470	1727	96	19.50	16	355	20	17.07	35.58	25.94	1.11	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	25	16.56	35.60	26.07	1.01	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	30	16.13	35.58	26.16	0.91	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	35	15.93	35.57	26.20	0.82	5
8707	37	9.45	1470	1727	96	19.50	16	355	40	15.67	35.54	26.24	0.73	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	45	15.38	35.54	26.30	0.65	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	50	15.20	35.53	26.34	0.56	5
a707	37	9. 4 5	1470	1727	96	19.50	16	355	55	15.05	35.52	26.36	0.48	5
6707	37	9. 4 5	1470	1727	96	19.50	16	355	60	14.96	35.52	26.38	0.40	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	65	14.93	35.52	26.38	0.32	5
8707	37	9. 4 5	1470	1727	96	19.50	16	355	70	14.90	35.52	26.39	0.24	5
8707	37	9.45	1470	1727	96	19.50	16	355	75	14.77	35.50	26.41	0.15	5
8707	37	9.45	1470	1727	96	19.50	16	355	80	14.69	35.49	26.42	0.07	5
8707	37	9.45	1470	1727	96	19.50	16	355	85	14.63	35.49	26.43	0.00	3
8707	38	11.35	1490	1734	780	20.30	18	355	0	20.21	35.70	25.24	7.12	5
8707	38	11.35	1490	1734	780	20.30	18	355	5	20.18	35.70	25.24	6.98	5
0707	38	11.35	1490	1734	-780	20.30	18	355	10	20.08	35.68	25.26	6.85	5
8707	38	11.35	1490	1734	780	20.30	18	355	15	18.83	35.67	25.58	6.72	5
8707	38	11.35	1490	1734	780	20.30	18	355	20	17.92	35.65	25.79	6.61	5
0707	38	11.36	1490	1734	780	20.30	18	355	25	17.79	35.67	25.83	6.50	5
8707	38	11.35	1490	1734	780	20.30	18	355	30	17.31	35.64	25.93	6.39	5
8707	38	11.35	1490	1734	780	20.30	18	355	35	16.57	35.59	26.07	6.29	5
8707	38	11.35	1490	1734	780	20.30	18	355	40	16.04	35.57	26.17	6.20	5
8707	38	11.36	1490	1734	780	20.30	18	355	45	15.74	35.55	26.23	6.11	5
8707	38	11.35	1490	1734	780	20.30	18	355	50	15.49	35.54	26.28	6.02	5
8707	38	11.35	1490	1734	780	20.30	18	355	55	15.35	35.54	26.31	5.94	5
8707	38	11.35	1490	1734	780	20.30	18	355	60	15.21	35.52	26.32	5.85	5
6707	30	11.35	1490	1734	780	20.30	18	355	65	15.12	35.52	26.34	5.77	5
6707	38	11.35	1490	1734	780	20.30	18	355	70	14.97	35.51	26.37	5.69	5
6707	30	11.35	1490	1734	780	20.30	18	355	75	14.82	35.50	26.39	5.60	5
6707	38	11.35	1490	1734	780	20.30	18	355	80	14.68	35.49	26.42	5.52	5
8707	38	11.35	1490	1734	780	20.30	18	355	85	14.50	35.48	26.45	5.44	5
8707	38	11.35	1490	1734	780	20.30	18	355	90	14.38	35.47	26.47	5.37	5
8707	38	11.35	1490	1734	780	20.30	18	355	95	14.29	35.46	26.48	5.29	5
8707	38	11.35	1490	1734	780	20.30	18	355	100	14.25	35.46	26.49	5.21	5
8707	38	11.35	1490	1734	780	20.30	18	355	110	14.21	35.46	26.49	5.06	5
8707	38	11.35	1490	1734	780	20.30	18	355	120	14.18	35.45	26.50	4.91	5
8707	38	11.36	1490	1734	780	20.30	18	355	130	14.17	35.46	26.50	4.76	5
8707	38	11.35	1490	1734	780	20.30	18	355	140	14.15	35.46	26.50	4.60	5
a707	38	11.35	1490	1734	780	20.30	18	355	150	14.07	35.44	26.51	4.45	5
8707	30	11.35	1490	1734	780	20.30	18	355	160	13.97	35.43	26.53	4.30	5
8707	38	11.35	1490	1734	780	20.30	18	355	170	13.93	35.43	26.53	4.15	5
8707	38	11.35	1490	1734	780	20.30	18	355	180	13.84	35.42	26.54	4.01	5
8707	38	11.35	1490	1734	780	20.30	18	355	190	13.72	35.41	26.56	3.86	5
8707	38	11.35	1490	1734	780	20.30	18	355	200	13.66	35.40	26.56	3.71	5
8707	38	11.35	1490	1734	780	20.30	18	355	210	13.56	35.39	26.68	3.57	5
8707	38	11.35	1490	1734	780	20.30	18	355	220	13.50	35.39	26.59	3.42	5
8707	38	11.35	1490	1734	780	20.30	18	355	230	13.46	35.39	26.60	3.28	5
8707	38	11.35	1490	1734	780	20.30	18	355	240	13.42	35.38	26.61	3.14	5
8707	38	11.35	1490	1734	780	20.30	18	355	250	13.34	35.38	26.62	3.00	5
8707	38	11.36	1490	1734	780	20.30	18	355	260	15.29	35.37	16.62	2.86	5

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	t emp	salinité	sigm	hdyn	radiales
8707	38	11.35	1490	1 7 3 4	780	20.30	18	356	270	13.26	35.36	26.62	2.72	5
6707	38	11.35	1490	1734	780	20.30	18	356	280	13.22	35.36	26.62	2.50	5
8707	38	11.35	1490	1734	780	20.30	18	355	290	12.99	35.34	26.66	2.44	5
8707	30	11.35	1490	1734	780	20.30	10	356	300	12.04	35.33	26.68	2.30	5
6707	38	11.35	1490	1734	780	20.30	18	355	310	12.77	35.33	26.69	2.17	5
8707	38	11.35	1490	1734	780	20.30	10	355	320	12.60	35.32	26.72	2.04	5
8707	38	11.35	1490	1734	780	20.30	18	355	330	12.46	35.32	26.74	1.91	5
0707	38	11.35	1490	1734	780	20.50	18	356	340	12.37	35.32	26.76	1.78	5
8707	38	11.35	1490	1734	700	20.30	18	355	350	12.31	35.31	26.77	1.65	5
6707	38	11.35	1490	1734	700	20.30	18	355	360	12.20	35.31	26.79	1.53	5
0707	38	11.35	1490	1734	780	20.30	18	355	370	12.12	35.31	26.80	1.40	5
6707	38	11.35	1490	1734	780	20.30	18	355	380	12.02	35.31	26.82	1.28	5
8707	38	11.30	1490	1734	780	20.30	18	355	390	11.79	35.30	26.86	1.16	5
6707	38	11.35	1490	1734	780	20.30	18	351	4 m	11.65	35.29	26.88	1.04	5
0707	38	11.35	1490	1734	780	20.30	18	355	410	11.54	35.29	26.90	0.93	5
0707	38	11.35	1 4 w	1734	780	20.30	18	355	420	11.44	35.29	26.91	0.82	5
6707	38	11.35	1490	1734	780	20.30	16	355	430	11.22	35.29	26.96	0.71	5
6707	38	11.35	1490	1734	780	20.30	16	355	440	10.99	35.26	26.90	0.60	5
8707	38	11.35	1 4 w	1734	780	20.30	16	355	450	10.80	35.25	26.90	0.49	5
0707	30	11.35	1490	1734	780	20.30	18	355	460	10.65	35.24	27.02	0.39	5
0707	30	11.35	1490	1734	780	20.30	16	355	470	10.53	35.23	27.04	0.29	5
0707	38	11.35	1490	1734	780	20.30	16	355	400	10.41	35.22	27.05	0.19	5
8707	38	11.35	1490	1734	780	20.30	18	355	490	10.21	35.21	27.08	0.09	5
8707	38	11.35	1490	1734	780	20.30	16	355	500	10.10	35.21	27.09	0.00	5
8707	39	14.05	1470	1747	1500	20.70	16	10	0	21.86	35.72	24.81	8.70	5
8707	39	14.05	1470	1747	1500	20.70	18	10	5	11.05	35.73	24.81	6.55	5
8707	39	14.05	1470	1747	1500	20.70	18	10	10	21.69	35.73	24.86	6.39	5
0707	39	14.05	1470	1747	1500	20.70	16	10	15	21.46	35.75	24.93	8.24	5
8707	39	14.05	1470	1747	1500	20.70	16	10	20	20.30	35.72	25.23	8.10	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	25	19.42	35.72	25.46	7.96	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	30	18.09	35.66	25.75	7.05	5
0707	39	14.05	1470	1747	1500	20.70	18	10	35	16.54	35.61	26.09	7.74	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	40	15.99	35.59	26.21	7.65	5
0707	39	14.05	1470	1747	1 5 m	M.70	18	10	45	15.59	35.59	26.29	7.56	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	50	15.49	35.50	26.31	7.40	5
6707	39	14.05	1470	1747	1 5 m	20.70	18	10	55	15.32	35.57	26.36	7.39	5
8707	39	14.05	1470	1747	1500	20.70	10	10	60	15.18	35.55	26.36	7.31	5
6707	39	14.05	1470	1747	1500	20.70	10	10	65	14.91	35.53	26.40	7.23	5
0707	39	14.05	1470	1747	1500	20.70	18	10	70	14.76	35.52	26.42	7.15	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	75	14.69	35.52	26.44	7.07	5
0707	39	14.05	1470	1747	1500	20.70	18	10	80	14.59	35.50	26.45	6.99	5
8707	39	14.05	1470	1747	1500	20.70	18	10	85	14.42	35.40	26.47	6.91	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	90	14.29	35.47	26.49	6.04	5
8707	39	14.05	1470	1747	1500	20.70	18	10	95	14.21	35.46	26.50	6.76	5
8707	39	14.05	1470	1747	1500	20.70	18	10	100	14.15	35.45	26.50	6.68	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	110	14.06	35.39	26.51	6.53	5
6707	39	14.05	1470	1747	1 5 m	20.70	18	10	120	13.97	35.43	26.53	6.38	5
0707	39	14.05	1470	1747	1 5 m	20.70	18	10	130	13.86	35.42	26.54	6.23	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	140	13.73	35.41	26.56	6.09	5
0707	39	14.05	1470	1747	1 5 m	20.70	18	10	150	13.59	35.39	26.58	5.94	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	160	13.50	35.39	26.59	5.00	5
8707	39	14.05	1470	1747	1500	20.70	18	10	170	13.44	35.38	26.60	5.65	5
8707	39	14.05	1470	1747	1500	20.70	18	10	180	13.35	35.37	26.61	5.51	5
8707	39	14.05	1470	1747	1500	20.70	18	10	190	13.26	35.36	26.62	5.37	5
0707	39	14.05	1470	1747	1 5 m	20.70	18	10	200	13.17	35.35	26.63	5.23	5
8707	39	14.05	1470	1747	1500	20.70	18	10	210	13.06	35.34	26.65	5.09	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	220	12.96	35.34	26.66	4.96	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	230	12.86	35.33	26.67	4.82	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	248	12.75	35.32	26.69	4.69	5
0707	39	14.05	1470	1747	1 5 m	20.70	18	10	250	12.66	35.31	26.70	4.55	5
8707	39	14.05	1470	1747	1 5 m	20.70	18	10	260	11.52	35.30	26.72	4.42	5
6707	39	14.05	1470	1747	1500	20.70	18	10	270	12.30	35.29	26.74	4.29	5
0707	39	14.05	1470	1747	1500	20.70	18	10	280	12.27	35.20	26.75	4.16	5
0707	39	14.05	1470	1747	1500	20.70	16	10	290	12.13	35.27	26.77	4.03	5
8707	39	14.05	1470	1747	1500	20.70	18	10	300	12.11	35.26	26.79	3.91	5
8707	39	14.05	1470	1747	1500	20.70	18	10	310	11.94	35.26	26.80	3.79	5
8707	39	14.05	1470	1747	1500	20.70	18	10	320	11.89	35.27	26.82	3.66	5
6707	39	14.05	1470	1747	1500	20.70	18	10	330	11.85	35.28	26.84	3.54	5
8707	39	14.05	1470	1747	1500	20.70	18	10	340	11.78	35.29	26.86	3.42	5
8707	39	14.05	1470	1747	1500	20.70	18	10	350	11.70	35.29	26.87	3.31	5
8707	39	14.05	1470	1747	1500	20.70	18	10	360	11.62	35.30	26.89	3.19	5
6707	39	14.05	1470	1747	1500	20.70	18	10	370	11.59	35.30	26.90	3.08	5
0707	39	14.05	1470	1747	1500	20.70	18	10	380	11.56	35.31	26.91	2.96	5
0707	39	14.05	1470	1747	1500	20.70	18	10	390	11.53	35.31	26.92	2.05	5
0707	39	14.05	1470	1747	1500	20.70	18	10	400	11.44	35.31	26.93	2.74	5
8707	39	14.05	1470	1747	1500	20.70	18	10	410	11.32	35.29	26.94	2.63	5
0707	39	14.05	1470	1747	1 5 m	20.70	18	10	420	11.16	35.29	26.97	2.52	5
0707	39	14.05	1470	1747	1500	20.70	18	10	430	11.05	35.20	26.90	2.41	5
8707	39	14.05	1470	1747	1500	20.70	16	10	M O	10.04	35.27	27.01	2.31	5
0707	39	14.05	1470	1747	1500	20.70	16	10	450	10.75	35.26	27.02	2.21	5

campagne	stations	heures	latitudes	longitudes	fond	t sech	vivent	dirvent	immersions	temp	salinité	sgm	hdyn	radioles
8707	39	14.05	1470	1747	1500	20.70	la	10	460	10.68	35.26	27.03	2.11	5
8707	39	14.05	1470	1747	1500	20.70	la	10	470	10.61	35.26	27.05	2.00	5
8707	39	14.05	1470	1747	1500	20.70	la	10	480	10.55	35.26	27.06	1.91	5
a707	39	14.05	1470	1747	1500	20.70	la	10	490	10.37	35.25	27.08	1.81	5
8707	39	14.05	1470	1747	1500	20.70	la	10	500	10.22	35.22	27.09	1.71	5
a707	39	14.05	1470	1747	1500	20.70	la	10	520	9.91	35.19	27.11	1.52	5
a707	39	14.05	1470	1747	1500	20.70	la	10	540	9.73	35.18	27.13	1.34	5
a707	39	14.05	1470	1747	1500	20.70	la	10	560	9.41	35.14	27.16	1.16	5
8707	39	14.05	1470	1747	1500	20.70	la	10	580	9.24	35.11	27.17	0.98	5
a707	39	14.05	1470	1747	1500	20.70	la	10	600	9.04	35.10	27.19	0.80	5
8707	39	14.05	1470	1747	1500	20.70	ta	10	620	0.67	35.06	27.22	0.63	5
0707	39	14.05	1470	1747	1500	20.70	ta	10	640	8.26	35.01	27.24	0.47	5
8707	39	14.05	1470	1747	1500	20.70	18	10	660	7.97	34.98	27.26	0.31	5
a707	39	14.05	1470	1747	1500	20.70	la	10	680	7.69	34.96	27.28	0.15	5
a707	39	14.05	1470	1747	1500	20.70	18	10	700	7.42	34.92	27.29	0.00	5
8707	40	16.39	1480	1759	2000	21.20	18	10	0	22.63	35.69	24.56	a.73	5
8707	40	16.39	1480	1759	2000	21.20	la	10	5	22.62	35.69	24.56	a.54	5
a707	40	16.39	1480	1759	2000	21.20	la	10	10	22.6	35.69	24.56	8.40	5
a707	40	16.39	1480	1759	2000	21.20	la	10	15	22.54	35.69	24.58	a.23	5
a707	40	16.39	1480	1759	2000	21.20	la	10	20	22.06	35.70	24.73	8.06	5
8707	40	16.39	1480	1759	2000	21.20	la	10	25	20.55	35.77	25.20	7.92	5
8707	40	16.39	1480	1759	2000	21.20	la	10	30	19.21	35.69	25.50	7.78	5
a707	40	16.39	1480	1759	2000	21.20	la	10	35	18.08	35.78	25.85	7.67	5
a707	40	16.39	1480	1759	2000	21.20	la	10	40	17.53	35.76	25.97	7.57	5
a707	40	16.39	1480	1759	2000	21.20	la	10	45	16.76	35.70	26.11	7.47	5
8707	40	16.39	1480	1759	2000	21.20	la	10	50	15.80	35.61	26.26	7.38	5
0707	40	16.39	1480	1759	2000	21.20	ta	10	55	15.38	35.57	26.33	7.29	5
a707	40	16.39	1480	1759	2000	21.20	la	10	60	15.13	35.55	26.37	7.21	5
8707	40	16.39	1480	1759	2000	21.20	18	10	65	14.90	35.53	26.40	7.13	5
8707	40	16.39	1480	1759	2000	21.20	18	10	70	14.69	35.51	26.43	7.05	5
6707	40	16.39	1480	1759	2000	21.20	la	10	75	14.54	35.50	26.46	6.97	5
8707	40	16.39	1480	1759	2000	21.20	18	10	a0	14.31	35.47	26.48	6.89	5
a707	40	16.39	1480	1759	2000	21.20	la	10	ai	14.16	35.45	26.50	6.81	5
8707	40	16.39	1480	1759	2000	21.20	la	10	90	14.03	35.44	26.52	6.74	5
6707	40	16.39	1480	1759	2000	21.20	18	10	95	13.89	35.42	26.54	6.66	5
a707	40	16.39	1480	1759	2000	21.20	18	10	100	13.72	35.40	26.56	6.59	5
a707	40	16.39	1480	1759	2000	21.20	ta	10	110	13.58	35.39	26.58	6.45	5
8707	40	16.39	1480	1759	2000	21.20	18	10	120	13.52	35.58	26.58	6.30	5
a707	40	16.39	1480	1759	2000	21.20	ta	10	130	13.45	35.37	26.59	6.16	5
8707	40	16.39	1480	1759	2000	21.20	la	10	140	13.26	35.35	26.61	6.02	5
8707	40	16.39	1480	1759	2000	21.20	18	10	150	13.09	35.34	26.64	5.88	5
a707	40	16.39	1480	1759	2000	21.20	18	10	160	12.94	35.32	26.65	5.74	5
8707	40	16.39	1480	1759	2000	21.20	la	10	170	12.88	35.31	26.66	5.60	5
8707	40	16.39	1480	1759	2000	21.20	la	10	1a0	12.79	35.31	26.67	5.46	5
6707	40	16.39	1480	1759	2000	21.20	18	10	190	12.70	35.30	26.67	5.33	5
8707	40	16.39	1480	1759	2000	21.20	18	10	200	12.60	35.29	26.69	5.20	5
0707	40	16.39	1480	1759	2000	21.20	18	10	210	12.50	35.28	26.71	5.06	5
8707	40	16.39	1480	1759	2000	21.20	18	10	220	12.44	35.27	26.71	4.93	5
8707	40	16.39	1480	1759	2000	21.20	18	10	230	12.40	35.27	26.72	4.80	5
a707	40	16.39	1480	1759	2000	21.20	18	10	240	12.36	35.27	26.72	4.67	5
8707	40	16.39	1480	1759	2000	21.20	18	10	250	12.32	35.26	26.73	4.54	5
8707	40	16.39	1480	1759	2000	21.20	18	10	260	12.25	35.25	26.73	4.41	5
a707	40	16.39	1480	1759	2000	21.20	18	10	270	12.14	35.24	26.75	4.28	5
8707	40	16.39	1480	1759	2000	21.20	la	10	280	12.07	35.24	26.76	4.15	5
8707	40	16.39	1480	1759	2000	21.20	18	10	290	12.00	35.24	26.77	4.03	5
8707	40	16.39	1480	1759	2000	21.20	18	10	300	11.76	35.22	26.80	3.90	5
8707	40	16.39	1480	1759	2000	21.20	18	10	310	11.74	35.23	26.81	3.78	5
8707	40	16.39	1480	1759	2000	21.20	18	10	320	11.85	35.27	26.83	3.66	5
8707	40	16.39	1480	1759	2000	21.20	la	10	330	11.71	35.25	26.84	3.54	5
8707	40	16.39	1480	1759	2000	21.20	18	10	340	11.69	35.27	26.86	3.42	5
6707	40	16.39	1480	1759	2000	21.20	18	10	350	11.68	35.29	26.87	3.30	5
8707	40	16.39	1480	1759	2000	21.20	18	10	360	11.59	35.29	26.90	3.19	5
8707	40	16.39	1480	1759	2000	21.20	18	10	378	11.47	35.29	26.92	3.07	5
8707	40	16.39	1480	1759	2000	21.20	la	10	380	11.40	35.29	26.93	2.96	5
8707	40	16.39	1480	1759	2000	21.20	la	10	390	11.34	35.29	26.94	2.85	5
0707	40	16.39	1480	1759	2000	21.20	18	10	400	11.20	35.29	26.96	2.74	5
6707	40	16.39	1480	1759	2000	21.20	la	10	410	11.0a	35.27	26.97	2.64	5
a707	40	16.39	1480	1759	2000	21.20	la	10	420	11.17	35.31	26.98	2.53	5
8707	40	16.39	1480	1759	2000	21.20	18	10	430	11.07	35.29	26.99	2.42	5
8707	40	16.39	1480	1759	2000	21.20	18	10	M O	11.01	35.29	27.00	2.32	5
0707	40	16.39	1460	1759	2000	21.20	la	10	450	10.91	35.29	27.01	2.21	5
0707	40	16.39	1480	1759	2000	21.20	la	10	460	10.75	35.27	27.03	2.11	5
8707	40	16.39	1480	1759	2000	21.20	18	10	470	10.60	35.26	27.05	2.01	5
a707	40	16.39	1480	1759	2000	21.20	18	10	480	10.44	35.24	27.07	1.91	5
6707	40	16.39	1480	1759	2000	21.20	18	10	4 w	10.23	35.22	27.09	1.82	5
0707	40	16.39	1480	1759	2000	21.20	18	10	500	10.08	35.20	27.10	1.72	5
a707	40	16.39	1480	1759	2000	21.20	18	10	520	9.94	35.19	27.11	1.63	5
8707	40	16.39	1480	1759	2000	21.20	18	10	540	9.65	35.16	27.13	1.34	5
8707	40	16.39	1480	1759	2000	21.20	18	10	560	9.42	35.13	27.15	1.16	5
8707	40	16.39	1480	1759	2000	21.20	18	10	580	9.23	35.12	27.17	0.99	5

campagne	stations	heures	latitudes	longitudes	fond	tsch	vltvent	dirvent	immersions	temp	salinité	sgm	hdyn	radiales
8707	40	16.39	1480	1759	2000	21.20	1a	10	600	9.01	35.10	27.19	0.61	5
a707	40	16.39	1480	1759	2000	21.20	1a	10	620	8.65	35.05	27.21	0.64	5
a707	40	16.39	1480	1759	2000	21.x	1a	10	640	8.48	35.04	27.23	0.47	5
a707	40	16.39	1480	1759	2000	21.M	1a	10	660	8.03	34.98	17.25	0.31	5
a707	40	16.39	1480	1759	2000	21.20	1a	10	680	7.81	34.96	27.27	0.15	5
a707	40	16.39	1480	1759	2000	21.20	18	10	700	7.63	34.94	27.28	0.00	5
a707	41	20.47	1480	1830	3000	21.20	18	30	0	22.80	35.72	24.52	a.69	5
a707	41	20.47	1480	1830	3000	21.20	18	30	5	22.85	35.72	24.52	a.52	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	10	22.85	35.72	24.52	8.35	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	15	22.85	35.72	24.52	8.18	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	20	22.85	35.72	24.52	8.01	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	25	22.85	35.72	24.52	7.84	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	30	22.84	35.72	24.52	7.67	5
a707	41	21.47	1480	1830	3000	21.20	18	30	35	21.33	35.74	24.69	7.50	5
a707	41	20.47	1480	1830	3000	21.20	18	30	40	20.28	35.78	25.28	7.35	5
8707	41	20.47	1480	1830	3000	21.20	18	30	45	18.32	35.77	25.78	7.23	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	50	16.97	35.65	26.01	7.13	5
a707	41	20.47	1480	1830	3000	21.20	18	30	55	16.45	35.60	26.10	7.03	5
8707	41	20.47	1480	1830	3000	21.20	18	30	60	16.18	35.60	26.16	6.94	5
a707	41	20.47	1480	1830	3000	21.20	18	30	65	15.95	35.59	26.21	6.84	5
a707	41	20.47	1480	1830	3000	21.20	18	30	70	15.71	35.59	26.26	6.76	5
a707	41	20.47	1480	1a30	3000	21.20	18	30	75	15.28	35.54	26.34	6.67	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	a0	14.97	35.54	26.39	6.59	5
8707	41	20.47	1480	1830	3000	21.20	18	30	a5	14.79	35.53	26.42	6.51	5
a707	41	20.47	1480	1a30	3000	21.20	18	30	90	14.69	35.52	26.44	6.43	5
8707	41	20.47	1480	1830	3000	21.M	1a	30	95	14.59	35.51	26.45	6.35	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	100	14.47	35.49	26.47	6.27	5
a707	41	M.47	1480	1830	3000	21.20	18	30	110	14.37	35.52	26.51	6.12	5
8707	41	20.47	1480	1830	3000	21.20	18	30	120	14.34	35.54	26.53	5.97	5
8707	41	20.47	1480	1830	3000	21.20	18	30	130	13.96	35.49	26.57	5.82	5
8707	41	20.47	1480	1830	3000	21.M	1a	30	140	13.55	35.43	26.61	5.68	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	150	13.41	35.41	26.63	5.54	5
a707	41	20.47	1480	1830	3000	21.x	1a	30	160	13.30	35.41	26.65	5.40	5
a707	41	20.47	1480	1830	3000	21.M	18	30	170	13.19	35.40	26.66	5.26	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	180	13.08	35.40	26.68	5.13	5
6707	41	20.47	1480	1830	3000	21.20	1a	30	190	13.01	35.40	26.70	5.00	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	200	12.83	36.39	26.72	4.86	5
6707	41	20.47	1480	1830	3000	21.20	1a	30	210	12.71	35.39	26.75	4.74	5
a707	41	20.47	1480	1830	3000	21.20	18	30	220	11.55	35.37	26.77	4.61	5
8707	41	20.47	1480	1830	3000	21.20	18	30	230	12.44	35.37	26.79	4.48	5
8707	41	M.47	1480	1830	3000	21.20	18	30	240	12.33	35.36	26.80	4.36	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	250	12.27	35.36	26.81	4.24	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	260	11.22	35.37	26.83	4.11	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	270	11.86	35.31	26.85	4.00	5
a707	41	20.47	1480	1830	3000	21.20	18	30	280	11.72	35.30	26.87	3.88	5
8707	41	20.47	1480	1830	3000	21.20	18	30	290	11.70	35.30	26.88	3.76	5
a707	41	20.47	1480	1830	3000	21.20	18	30	300	11.55	35.30	26.90	3.65	5
a707	41	20.47	1480	1830	3000	21.20	18	30	310	11.49	35.30	26.92	3.53	5
8707	41	20.47	1480	1830	3000	21.20	18	30	320	11.45	35.30	26.93	3.42	5
a707	41	20.47	1480	1830	3000	21.20	18	30	330	11.38	35.30	26.94	3.31	5
8707	41	20.47	1480	1830	3000	21.20	18	30	340	11.21	35.28	26.96	3.M	5
8707	41	20.47	1480	1a30	3000	21.20	1a	30	350	10.89	35.22	16.97	3.09	5
a707	41	20.47	1480	1830	3000	21.20	18	30	360	10.76	35.21	26.98	2.99	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	370	10.63	35.20	27.00	2.88	5
8707	41	20.47	1480	1830	3000	21.20	18	30	380	10.57	35.20	27.01	2.78	5
8707	41	20.47	1480	1830	3000	21.20	18	30	390	10.55	35.21	27.02	2.68	5
a707	41	20.47	1480	1830	3000	21.20	18	30	400	10.39	35.19	27.05	2.57	5
8707	41	20.47	1480	1830	3000	21.20	18	30	410	10.39	35.21	27.04	2.47	5
8707	41	20.47	1480	1830	3000	21.20	18	30	420	10.50	35.25	27.06	2.37	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	430	10.26	35.23	27.08	2.28	5
a707	41	20.47	1480	1830	3000	21.20	18	30	440	10.21	35.23	27.10	2.18	5
a707	41	20.47	1480	1830	3000	21.20	18	30	450	10.11	35.23	27.11	2.09	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	460	9.98	35.21	27.12	1.99	5
a707	41	20.47	1480	1830	3000	21.20	18	30	470	9.83	35.19	27.13	1.90	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	480	9.69	35.18	27.14	1.81	5
a707	41	20.47	1480	1a30	3000	21.20	1a	30	490	9.50	35.15	27.15	1.72	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	500	P.36	35.14	27.16	1.63	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	520	9.02	35.08	27.18	1.45	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	540	8.65	35.03	27.20	1.28	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	560	8.32	34.99	27.22	1.11	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	580	a.13	34.97	27.23	0.94	5
a707	41	20.47	1480	1830	3000	21.20	18	30	600	7.07	34.94	27.24	0.78	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	620	7.60	34.90	27.26	0.62	5
a707	41	20.47	1480	1830	3000	21.20	1a	30	640	7.39	34.88	27.27	0.46	5
8707	41	20.47	1480	1830	3000	21.20	18	30	660	7.22	34.86	27.28	0.30	5
8707	41	M.47	1480	1830	3000	11.20	18	30	680	7.12	34.86	27.29	0.15	5
8707	41	20.47	1480	1830	3000	21.20	1a	30	700	7.02	34.86	27.30	0.00	5
a707	42	0.25	1470	1.559	3000	21.00	20	10	0	22.36	36.77	24.70	8.34	5
a707	42	0.25	1470	1859	3000	21.00	20	10	5	22.35	35.76	24.70	8.18	5
a707	42	0.25	1470	1a59	3000	21.00	20	10	10	11.35	35.76	24.70	8.01	5

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	slgm	hdyn	radiales	
8707	42	0.25	1470	1859	3000	21.m	20	10	15	-22.35	35.76	24.69	7.65	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	20	21.70	35.74	id.86	7.69	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	25	19.94	35.76	25.35	7.55	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	30	18.94	35.72	25.58	7.43	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	35	18.35	35.72	25.74	7.31	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	40	18.11	35.72	25.79	7.20	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	45	17.80	35.76	25.90	7.09	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	50	17.19	35.74	26.04	6.99	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	55	16.65	35.74	26.17	6.W	5	
0707	42	0.25	1470	1859	3000	21.00	20	10	60	16.19	35.74	26.27	6.81	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	65	15.93	35.72	26.32	6.72	5	
0707	42	0.25	1470	1859	3000	21.00	20	10	70	15.67	35.71	24.37	6.64	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	75	15.44	35.70	26.41	6.56	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	80	15.17	35.66	26.44	6.48	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	85	14.71	35.58	26.48	6.40	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	90	14.45	35.53	26.50	6.33	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	95	14.34	35.52	26.51	6.25	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	100	14.31	35.52	26.52	6.17	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	110	13.90	35.47	26.57	6.03	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	120	13.65	35.45	26.60	5.88	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	130	13.59	35.45	26.62	5.74	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	140	13.26	35.40	24.65	5.60	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	150	13.38	35.47	26.60	5.47	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	160	13.03	35.41	26.70	5.33	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	170	12.89	35.39	26.72	5.20	5	
8707	42	0.25	1470	1859	3000	11.00	20	10	180	12.81	35.38	26.73	5.07	5	
0707	42	0.25	1470	1.959	3000	21.00	20	10	190	12.67	35.37	26.74	4.94	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	200	12.60	35.37	24.76	4.81	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	210	12.49	35.37	26.78	4.69	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	220	12.38	35.36	26.79	4.56	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	230	12.28	35.36	26.81	4.44	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	240	12.19	35.35	26.82	4.32	5	
6707	42	0.25	1470	1859	3000	21.00	20	10	250	12.09	35.34	26.63	4.20	5	
6707	42	0.25	1470	1859	3000	21.m	20	10	260	12.04	35.35	26.05	4.08	5	
5.707	42	0.25	1470	1859	3000	21.m	20	10	270	11.97	35.35	26.86	3.96	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	280	11.89	35.35	26.88	3.84	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	290	11.79	35.35	26.90	3.73	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	300	11.70	35.34	26.91	3.61	5	
0707	42	0.25	1470	1859	3000	21.m	20	10	310	11.61	35.34	26.92	3.50	5	
6707	A2	0.25	1470	1859	3000	21.00	20	10	320	11.55	35.34	26.94	3.39	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	330	11.47	35.34	26.95	3.28	5	
8707	A2	0.25	1470	1859	3000	21.00	20	10	340	11.35	35.33	26.97	3.17	5	
8707	A2	0.25	1470	1859	3000	21.00	20	10	350	11.22	35.52	26.99	3.07	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	360	11.07	35.31	27.01	2.96	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	370	10.98	35.30	27.02	2.86	5	
6707	42	0.25	1470	1859	3000	21.00	20	10	380	10.91	35.30	27.02	2.76	5	
6707	42	0.25	1470	1859	3000	21.00	20	10	390	10.77	35.29	27.04	2.65	5	
8707	A2	0.25	1470	1859	3000	21.m	20	10	400	10.60	35.28	27.06	2.66	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	410	10.51	35.27	27.07	2.46	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	420	10.41	35.26	27.08	2.36	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	430	10.29	35.25	27.09	2.26	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	440	10.18	35.23	27.10	2.17	5	
8707	42	0.25	1470	1859	3000	21.00	50	10	450	10.07	35.22	27.11	2.07	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	460	9.93	35.20	27.12	1.98	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	470	9.70	35.19	27.14	1.89	5	
8707	42	0.25	1470	1859	3000	21.m	20	10	480	9.70	35.18	27.14	1.80	5	
8707	4	2	0.25	1470	1859	3000	21.00	20	10	490	9.65	35.18	27.15	1.71	5
8707	42	0.25	1470	1859	3000	21.00	20	10	500	9.52	35.16	27.16	1.62	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	520	9.24	35.12	27.18	1.44	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	540	0.94	35.09	27.20	1.27	5	
8707	4	2	0.25	1470	1859	3000	21.00	20	10	560	8.75	35.07	27.21	1.10	5
8707	42	0.25	1470	1859	3000	21.00	20	10	580	0.57	35.06	27.23	0.93	5	
8707	42	0.25	1470	1559	3000	21.00	20	10	600	8.21	35.01	27.25	0.77	5	
0707	42	0.25	1470	1859	3000	21.00	20	10	620	7.98	34.98	27.26	0.61	5	
0707	42	0.25	1470	1859	3000	21.00	20	10	640	7.70	34.95	27.28	0.45	5	
8707	42	0.25	1470	1859	3000	21.00	20	10	660	7.64	34.96	27.29	0.29	5	
8707	A2	0.25	1470	1859	3000	21.00	20	10	680	7.48	34.95	27.31	0.14	5	
8707	A2	0.25	1470	1859	3000	21.00	20	10	700	7.24	34.92	27.32	0.00	5	
8707	43	4.00	1336	1858	3000	21.00	20	10	0	22.35	35.84	24.75	8.40	6	
8707	43	4.00	1336	1858	3000	21.00	20	10	5	22.35	35.84	24.75	8.09	6	
8707	A3	4.m	1336	1858	3000	21.00	20	10	15	22.35	35.84	24.75	7.93	6	
8707	43	4.m	1336	1858	3000	21.00	20	10	20	22.35	35.84	24.75	7.77	6	
8707	43	4.m	1336	1858	3000	21.00	20	10	25	22.28	35.84	24.77	7.61	6	
8707	43	4.00	1334	1858	3000	21.00	20	10	30	20.94	35.85	25.16	7.46	6	
a707	43	4.m	1336	1858	3000	21.00	20	10	35	19.18	35.86	25.63	7.33	6	
8707	43	4.m	1336	1.358	3000	21.00	20	10	40	18.68	35.80	25.71	7.22	6	
8707	43	4.00	1336	1858	3000	21.00	20	10	45	18.20	35.73	25.78	7.11	6	
8707	43	4.m	1336	1855	3000	21.00	20	10	50	17.93	35.73	25.85	7.m	6	
8707	43	4.00	1336	1858	3000	21.00	20	10	55	17.39	35.73	25.98	6.89	6	

campagne	stations	heures	latitudes	longitudes	fond	tssch	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
6707	43	4.00	1336	1858	3000	21.00	20	10	60	16.78	35.73	26.13	6.80	6
8707	43	4.00	1334	1856	3000	21.00	20	10	65	16.54	35.78	26.22	6.71	6
8707	A3	4.00	1336	1858	3000	21.00	20	10	70	16.13	35.79	26.33	6.62	6
6707	43	4. m	1336	185.3	3000	21. m	20	10	75	15.87	35.75	26.35	6.54	6
8707	43	4.00	1334	1858	3000	21. m	20	10	80	15.46	35.69	26.40	6.45	6
8707	43	4.00	1336	1858	3000	21.00	20	10	85	14.81	35.59	26.47	6.36	6
6707	43	4. m	1336	1868	3000	21.00	20	10	90	14.35	35.53	26.52	6.30	6
8707	43	4. m	1336	1858	3000	21. m	20	10	95	14.15	35.51	26.54	6.23	6
8707	43	4.00	1336	1858	3000	21. m	20	10	100	13.95	35.48	26.57	6.15	6
8707	43	4.00	1336	1858	3000	21.00	20	10	110	13.58	35.43	26.61	6.01	6
8707	43	4. m	1336	1858	3000	21.00	20	10	120	13.30	35.39	26.64	5.67	6
8707	43	4.00	1336	1858	3000	21.00	20	10	130	13.10	35.37	26.66	5.73	6
8707	43	4. m	1336	1858	3000	21.00	20	10	140	12.92	35.35	26.68	5.59	6
8707	43	4. m	1336	1858	3000	21.00	20	10	150	12.69	35.32	26.70	5.46	6
8707	43	4.00	1336	1858	3000	21. m	20	10	160	12.52	35.30	26.72	5.33	6
8707	43	4. m	1336	1858	3000	21. m	20	10	170	12.35	35.28	26.74	5.20	6
8707	43	4.00	1336	1858	3000	21.00	20	10	180	12.19	35.26	26.76	5.07	6
8707	43	4. m	1336	1858	3000	21.00	20	10	190	12.00	35.25	26.76	4.94	6
8707	43	4.00	1336	1858	3000	21.00	20	10	200	11.95	35.25	26.80	A.62	6
8707	43	4. m	1336	1858	3000	21. m	20	10	210	11.89	35.26	26.81	4.70	6
8707	43	4. m	1336	1858	3000	21. m	20	10	220	11.55	35.27	26.62	A.58	6
8707	43	4.00	1336	1858	3000	21. m	20	10	230	11.82	35.27	26.83	4.46	6
6707	43	4.00	1336	1858	3000	21.00	20	10	240	11.77	35.26	26.85	4.34	6
8707	43	4.00	1336	1858	3000	21. m	20	10	250	11.75	35.29	26.56	A.22	6
8707	43	4.00	1336	1858	3000	21. m	20	10	260	11.70	35.30	26.88	4.10	6
8707	43	4.00	1336	1858	3000	21.00	20	10	270	11.73	35.32	26.89	3.99	6
8707	43	4.00	1336	1858	3000	21. m	20	10	280	11.66	35.32	26.90	3.87	6
8707	43	4.00	1336	1858	3000	21.00	20	10	290	11.55	35.30	26.91	3.76	6
8707	43	4. m	1334	1858	3000	21. m	20	10	300	11.42	35.29	26.92	3.64	6
8707	43	4. m	1336	1858	3000	21.00	20	10	310	11.40	35.30	26.93	3.53	6
8707	43	4.00	1336	1858	3000	21. m	20	10	320	11.41	35.32	26.95	-3.42	6
6707	43	4.00	1336	1858	3000	21. m	20	10	330	11.26	35.30	26.96	3.31	6
8707	43	4. m	1336	1858	3000	21. m	20	10	340	11.10	35.29	26.98	3.21	6
8707	43	4. m	1336	1858	3000	21. m	20	10	350	10.97	35.28	26.99	3.10	6
8707	43	4.00	1336	1856	3000	21. m	20	10	360	10.89	35.28	27.01	3.00	6
8707	43	4. m	1336	1858	3000	21. m	20	10	370	10.79	35.27	27.02	2.89	6
8707	43	4.00	1336	1858	3000	21.00	20	10	380	10.65	35.26	27.03	2.79	6
8707	43	4. m	1336	1858	3000	21.00	20	10	390	10.57	35.25	27.04	2.69	6
8707	43	4.00	1336	1858	3000	21. m	20	10	400	10.45	35.23	27.05	2.59	6
8707	43	4.00	1336	1858	3000	21. m	20	10	410	10.31	35.22	27.07	2.49	6
8707	43	4.00	1336	1858	3000	21. m	20	10	420	10.25	35.22	27.07	2.40	6
8707	43	4. m	1336	1858	3000	21. m	20	10	430	10.20	35.22	27.08	2.30	6
8707	43	4. m	1336	1858	3000	21. m	20	10	440	10.11	35.20	27.09	2.20	6
6707	43	4.00	1336	1858	3000	21.00	20	10	450	10.00	35.19	27.10	2.11	6
8707	43	4.00	1336	1858	3000	21.00	20	10	460	9.88	35.16	27.11	2.01	6
8707	43	4. m	1336	1858	3000	21. m	20	10	470	9.78	35.18	27.12	1.92	6
8707	43	4. m	1336	1858	3000	21. m	20	10	480	9.68	35.17	27.13	1.83	6
8707	43	4.00	1336	1858	3000	21.00	20	10	490	9.58	35.15	27.14	1.74	6
5707	43	4.00	1336	1858	3000	21.00	20	10	5 m	9.51	35.15	27.15	1.65	6
6707	43	4.00	1336	1858	3000	21.00	20	10	520	9.34	35.14	27.17	1.47	6
8707	43	4.00	1336	1858	3000	21. m	20	10	540	9.17	35.12	27.18	1.29	6
8707	43	4. m	1336	1858	3000	21. m	20	10	560	8.79	35.06	27.20	1.12	6
8707	43	4. m	1336	1858	3000	21.00	20	10	580	8.59	35.03	27.21	0.95	6
8707	43	4. m	1336	1858	3000	21.00	20	10	600	8.25	34.99	27.23	0.78	6
8707	43	4.00	1336	1858	3000	21.00	20	10	620	8.13	35.00	27.25	0.62	6
8707	43	4.00	1336	1856	3000	21.00	20	10	640	7.91	34.96	27.27	0.46	6
8707	43	4. m	1336	1858	3000	21.00	20	10	660	7.83	34.97	27.28	0.31	6
8707	43	4.00	1336	1858	3000	21.00	20	10	680	7.75	34.96	27.28	0.15	6
8707	43	4. m	1336	1858	3000	21. m	20	10	700	7.67	34.96	27.29	0.00	6
8707	AA	8.12	-1336	1858	3000	20.60	13	0	0	20.71	35.67	25.08	8.47	6
8707	AA	8.12	1336	1858	3000	20.50	13	0	5	20.70	35.67	25.08	8.33	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	10	20.70	35.67	25.08	8.18	6
8707	AA	8.12	1336	1855	3000	20.60	13	0	15	20.69	35.67	25.09	8.04	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	20	20.69	35.67	25.09	7.90	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	25	20.69	35.68	25.09	7.76	6
6707	AA	8.12	1334	1858	3000	20.60	13	0	30	20.58	35.68	25.10	7.61	6
8707	AA	6.12	1336	1855	3000	20.50	13	0	35	20.68	35.68	25.10	7.47	6
6707	AA	8.12	1336	1858	3000	20.60	13	0	40	20.68	35.68	25.10	7.35	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	45	20.05	35.73	25.31	7.19	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	50	17.65	35.74	25.92	7.07	6
8707	AA	6.12	1336	1858	3000	20.50	13	0	55	16.43	35.67	26.16	6.98	6
8707	AA	8.12	1336	1858	3000	20.50	13	0	60	15.63	35.61	26.30	6.89	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	65	15.16	35.56	26.37	6.80	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	70	14.84	35.53	26.41	6.72	6
8707	AA	8.12	1336	1855	3000	20.60	13	0	75	14.69	35.52	26.44	6.64	6
8707	AA	6.12	1336	1858	3000	20.60	13	0	80	14.48	35.50	26.47	6.56	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	85	14.22	35.47	26.50	6.49	6
6707	AA	8.12	1334	1858	3000	20.60	13	0	90	14.05	35.46	26.53	6.41	6
8707	AA	8.12	1336	1855	3000	20.60	13	0	95	11.95	35.45	26.54	6.34	6
8707	AA	8.12	1336	1858	3000	20.60	13	0	100	13.55	35.44	26.56	6.27	6

campagne	stations	heures	latitudes	longitudes	fond	t sech	vit vent	dir vent	immersions	temp	salinité	sigm	hdyn	radioles
8707	44	8.12	1336	1858	3000	20.60	13	0	110	13.70	35.43	26.58	6.12	6
8707	44	8.12	1336	1858	3000	20.60	13	0	120	13.45	35.40	26.61	5.98	6
6707	44	8.12	1336	1858	3000	20.60	13	0	130	13.23	35.37	26.63	5.84	6
8707	44	8.12	1336	1858	3004	20.60	13	0	140	13.05	35.35	26.65	5.70	6
a707	44	8.12	1336	1858	3000	20.60	13	0	150	12.91	35.34	26.67	5.55	6
8707	44	8.12	1336	1858	3000	20.60	13	0	160	12.79	35.33	26.69	5.43	6
8707	44	8.12	1336	1858	3000	20.60	13	0	170	12.67	35.31	26.70	5.29	6
8707	44	8.12	1336	1858	3000	20.60	13	0	180	12.55	35.31	26.72	5.16	6
8707	44	8.12	1336	1858	3000	20.60	13	0	190	12.55	35.32	26.73	5.03	6
8707	44	8.12	1336	1858	3000	20.60	13	0	200	12.47	35.32	26.74	4.90	6
8707	44	8.12	1336	1858	3000	20.60	13	0	210	12.40	35.32	26.76	4.76	6
8707	44	5.12	1336	1858	3000	20.60	13	0	220	12.35	35.32	26.77	4.65	6
8707	44	8.12	1336	1858	3000	20.60	13	0	230	12.30	35.32	26.78	4.52	6
8707	44	8.12	1336	1858	3000	20.60	13	0	240	12.23	35.33	26.80	4.40	6
8707	44	8.12	1336	1858	3000	20.60	13	0	250	12.14	35.32	26.81	4.28	6
8707	44	8.12	1336	1858	3000	20.60	13	0	260	12.00	35.31	26.83	4.15	6
8707	44	8.12	1336	1858	3000	20.60	13	0	270	11.92	35.31	26.84	4.03	6
8707	44	8.12	1336	1858	3000	20.60	13	0	280	11.85	35.31	26.86	3.92	6
8707	44	8.12	1336	1858	3000	20.60	13	0	290	11.72	35.31	26.00	3.80	6
8707	44	8.12	1336	1858	3000	20.60	13	0	300	11.67	35.31	26.09	3.68	6
8707	44	8.12	1336	1858	3000	20.60	13	0	310	11.56	35.30	26.91	3.57	6
8707	44	8.12	1336	1858	3000	20.60	13	0	320	11.40	35.29	26.93	3.46	6
8707	44	8.12	1336	1858	3000	20.60	13	0	330	11.27	35.29	26.95	3.35	6
8707	44	8.12	1336	1858	3000	20.60	13	0	340	11.13	35.27	26.96	3.24	6
8707	44	8.12	1336	1858	3000	20.60	13	0	350	11.01	35.27	26.98	3.13	6
a707	44	8.12	1336	1858	3000	20.60	13	0	360	10.96	35.27	26.99	3.03	6
8707	44	8.12	1336	1858	3000	20.60	13	0	370	10.89	35.27	27.00	2.92	6
6707	44	8.12	1336	1858	3000	20.60	13	0	380	10.82	35.27	27.01	2.82	6
8707	44	8.12	1336	1858	3000	20.60	13	0	390	10.76	35.27	27.02	2.71	6
a707	44	8.12	1336	1858	3000	20.60	13	0	400	10.70	35.27	27.03	2.61	6
6707	44	8.12	1336	185.3	3000	20.60	13	0	410	10.61	35.26	27.05	2.51	6
8707	44	8.12	1336	1858	3000	20.60	13	0	420	10.53	35.25	27.06	2.41	6
8707	44	8.12	1336	1.954	3000	20.60	13	0	430	10.45	35.25	27.07	2.32	6
8707	44	8.12	1336	1858	3000	20.60	13	0	440	10.36	35.25	27.08	2.22	6
8707	44	8.12	1336	1858	3000	20.60	13	0	450	10.28	35.24	27.09	2.12	6
8707	44	8.12	1336	1858	3000	20.60	13	0	460	10.16	35.22	27.10	2.03	6
0707	44	8.12	1336	1858	3000	20.60	13	0	470	10.05	35.21	27.10	1.93	6
8707	44	8.12	1336	1858	3000	20.60	13	0	480	9.87	35.19	27.12	1.84	6
6707	44	8.12	1336	1858	3000	20.60	13	0	490	9.66	35.16	27.14	1.75	6
8707	44	8.12	1336	1858	3000	20.60	13	0	500	9.56	35.15	27.14	1.65	6
a707	44	8.12	1336	1858	3000	20.60	13	0	510	9.36	35.13	27.16	1.47	6
8707	44	8.12	1336	1858	3000	20.60	13	0	520	9.16	35.11	27.18	1.30	6
8707	44	8.12	1336	1858	3000	20.60	13	0	530	9.00	35.10	27.19	1.13	6
6707	44	8.12	1336	1858	3000	20.60	13	0	540	8.82	35.08	27.21	0.95	6
8707	44	8.12	1336	1858	3000	20.60	13	0	550	8.57	35.05	27.23	0.79	6
8707	44	8.12	1336	1858	3000	20.60	13	0	560	8.32	35.03	27.24	0.62	6
8707	44	8.12	1336	1858	3000	20.60	13	0	570	8.03	34.99	27.26	0.45	6
8707	44	8.12	1336	1858	3000	20.60	13	0	580	7.92	34.98	27.27	0.30	6
8707	44	8.12	1336	1858	3000	20.60	13	0	590	7.70	34.96	27.29	0.15	6
8707	44	8.12	1336	1858	3000	20.60	13	0	600	7.34	34.91	27.30	0.00	6
9707	45	12.22	1337	1759	2500	20.70	12	m	0	20.53	35.67	25.13	8.54	6
8707	45	12.22	1337	1759	2500	20.70	12	m	5	20.46	35.67	25.15	8.40	6
8707	45	12.22	1337	1759	2500	20.70	12	m	10	20.36	35.68	25.18	6.26	6
8707	45	12.22	1337	1759	2500	20.70	12	20	15	20.27	35.68	25.20	8.12	6
8707	45	12.22	1337	1759	2500	20.70	12	20	m	20.24	35.68	25.21	7.90	6
8707	45	12.22	1337	1759	2500	20.70	12	20	25	20.22	35.68	25.22	7.85	6
8707	45	12.22	1337	1759	2500	20.70	12	20	30	20.18	35.68	25.23	7.71	6
8707	45	12.22	1337	1759	2500	20.70	12	20	35	20.18	35.68	25.23	7.57	6
9707	45	12.22	1337	1759	2500	20.70	12	20	40	19.50	35.67	25.41	7.44	6
8707	45	12.22	1337	1759	2500	20.70	12	20	45	17.94	35.71	25.83	7.32	6
8707	45	12.22	1337	1759	2500	20.70	12	20	50	17.25	35.68	25.97	7.22	6
8707	45	12.22	1337	1759	2500	20.70	12	20	55	16.72	35.66	26.09	7.12	6
8707	45	12.22	1337	1759	2500	20.70	12	m	60	16.24	35.64	26.19	7.03	6
8707	45	12.22	1337	1759	2500	20.70	12	20	65	15.73	35.60	26.27	6.94	6
8707	45	12.22	1337	1759	2500	20.70	12	20	70	15.30	35.57	26.35	6.55	6
8707	45	12.22	1337	1759	2500	20.70	12	20	75	14.99	35.55	26.39	6.77	6
8707	45	12.22	1337	1759	2500	20.70	12	20	80	14.84	35.53	26.41	6.69	6
8707	45	12.22	1337	1759	2500	20.70	12	20	85	14.63	35.51	26.45	6.61	6
8707	45	12.22	1337	1759	2500	20.70	12	m	90	14.31	35.48	26.49	6.54	6
8707	45	12.22	1337	1759	2500	20.70	12	m	95	14.13	35.45	26.51	6.46	6
8707	45	12.22	1337	1759	2500	20.70	12	20	100	13.92	35.43	26.54	6.39	6
a707	45	12.22	1337	1759	2500	20.70	12	20	110	13.77	35.42	26.56	6.24	6
0707	45	12.22	1337	1759	2500	20.70	12	20	120	13.63	35.40	26.57	6.09	6
8707	45	12.22	1337	1759	2500	20.70	12	20	130	13.48	35.38	26.59	5.95	6
8707	45	12.22	1337	1759	2500	20.70	12	20	140	13.35	35.37	26.61	5.81	6
8707	45	12.22	1337	1759	2500	20.70	12	m	150	13.15	35.35	26.63	5.67	6
8707	45	12.22	1337	1759	2500	20.70	12	m	160	13.00	35.32	26.64	5.53	6
8707	45	12.22	1337	1759	2500	20.70	12	m	170	12.84	35.31	26.67	5.39	6
8707	45	12.22	1337	1759	2500	20.70	12	20	180	12.76	35.30	26.67	5.25	6
8707	45	12.22	1337	1759	2500	20.70	12	20	190	12.63	35.29	26.69	5.12	6

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	h d y n	radiales
6707	A5	' 2 . 2 2	1337	'759	2500	20.70	12	20	2 W	12.48	35.27	26.70	A.99	6
6707	A5	'2.22	1337	'759	2500	20.70	12	20	2'0	12.38	35.27	26.72	4.66	6
6707	A5	'2.22	1337	'759	2500	20.70	12	20	220	12.30	35.27	26.74	4.73	6
8707	A5	'2.22	1 3 3 7	'759	2500	20.70	12	20	230	12.20	35.27	26.76	4.60	6
6707	A5	12.22	1337	'759	2500	20.70	'2	20	240	12.13	35.26	26.76	4.47	6
6707	A5	12.22	1337	'759	2500	20.70	'2	20	250	11.90	35.23	26.76	A.34	6
6707	A5	' 2 . 2 2	' 3 3 7	'759	2500	20.70	'2	20	260	11.74	35.21	26.80	A.22	6
6707	A5	'2.22	'337	'759	2500	20.70	12	20	270	11.63	35.20	26.61	A.10	6
6707	A5	12.22	1337	1759	2500	20.70	'2	20	280	11.56	35.20	26.62	3.96	6
6707	A5	12.22	1337	'759	2500	20.70	'2	20	290	11.60	35.22	26.83	3.86	6
8707	A5	12.22	1337	'759	2500	20.70	'2	20	300	'1.75	35.26	26.85	3.74	6
6707	A5	12.22	'337	1759	2500	20.70	12	20	310	11.73	35.29	26.67	3.62	6
6707	A5	'2.22	1337	'759	2500	20.70	12	20	320	11.65	35.29	26.88	3.50	6
8707	A5	'2.22	1337	'759	2500	20.70	'2	20	330	11.57	35.29	26.90	3.39	6
6707	A5	'2.22	1337	'759	2500	20.70	'2	20	340	11.41	35.26	26.92	3.27	6
6707	A5	'2.22	1337	1759	2500	20.70	'2	20	350	11.29	35.26	26.94	3.16	6
6707	A5	' 2 . 2 2	'337	'759	2500	20.70	'2	20	360	11.19	35.26	26.96	3.05	6
6707	A5	12.22	' 3 3 7	'759	2500	20.70	'2	20	370	'1.06	35.27	26.97	2.95	6
6707	A5	12.22	'337	1759	2 5 W	20.70	12	20	380	11.03	35.27	26.97	2.84	6
6707	A5	12.22	'337	1759	2 5 W	20.70	'2	20	390	10.96	35.27	26.98	2.73	6
6707	45	12.22	1337	1759	2500	20.70	'2	20	400	10.91	35.27	27.1 W	2.63	6
6707	A5	1 2 . 2 2	1337	1759	2500	20.70	12	20	410	10.83	35.26	27.01	2.52	6
6707	45	12.22	1337	1759	2 5 W	20.70	12	20	A20	10.60	35.24	11.04	2.42	6
6707	A5	12.22	1337	1759	2500	20.70	12	20	A30	10.47	35.23	27.05	2.32	6
6707	45	'2.22	1337	1759	2500	20.70	12	20	440	10.32	35.22	27.07	2.22	6
6707	A5	' 2 . 2 2	1337	1759	2500	20.70	12	20	450	10.05	35.19	27.09	2.13	6
6707	A5	12.22	'337	'759	2500	20.70	'2	20	460	9.84	35.15	27.10	2.03	6
6707	A5	12.22	1337	1759	2 5 W	20.70	12	20	A70	9.71	35.13	27.10	1.94	6
6707	A5	12.22	1337	1759	2500	20.70	'2	20	450	9.58	35.13	27.12	1.84	6
6707	A5	12.22	1337	'759	2500	20.70	'2	20	490	9.37	35.10	27.15	1.75	6
8707	45	12.22	1337	'759	2500	20.70	'2	20	500	9.25	35.09	27.15	1.66	6
6707	A5	1 2 . 2 2	1337	'759	2500	20.70	'2	20	520	8.93	35.04	27.16	1.48	6
6707	A5	12.22	1337	'759	2500	20.70	12	20	540	8.58	35.1 W	27.18	1.30	6
6707	A5	12.22	'337	'759	2500	20.70	'2	20	560	a.33	34.97	27.20	1.13	6
6707	A5	' 2 . 2 2	1337	'759	2500	20.70	'2	20	580	8.18	34.96	27.21	0.96	6
6707	A5	12.22	-1337	'759	2500	20.70	'2	20	600	8.03	34.94	27.22	0.50	6
6707	A5	12.22	'337	1759	2500	20.70	'2	20	620	7.67	34.93	27.23	0.63	6
6707	A5	'2.22	'337	'759	2500	20.70	12	20	640	7.79	34.93	27.25	0.47	6
6707	A5	' 2 . 2 2	'337	1759	2500	20.70	12	20	660	7.85	34.96	27.26	0.31	6
6707	A5	12.22	1337	1759	2 5 W	20.70	12	20	660	7.65	34.94	27.26	0.15	6
6707	45	12.22	1337	'759	2500	20.70	12	20	700	7.54	34.94	27.29	0.00	6
6707	A 6	15.20	1337	1745	2000	21.70	13	20	0	20.30	35.65	25.17	6.40	6
8707	46	15.20	1337	1745	2000	21.70	13	20	5	20.18	35.65	15.21	6.27	6
6707	A6	15.20	1337	1745	2000	21.70	13	20	'0	'9.92	35.67	25.29	6.13	6
a707	46	15.20	1337	1745	2000	21.70	13	20	'5	19.84	35.67	25.31	6.W	6
6707	A6	15.20	'337	1745	2000	21.70	'3	20	20	'9.65	35.65	25.35	7.67	6
6707	A6	15.20	'337	'745	2000	21.70	13	20	25	'6.6'	35.67	25.63	7.74	6
6707	46	15.20	1337	1745	2000	21.70	13	20	30	'6.30	35.69	25.72	7.63	6
8707	A6	15.20	'337	1745	2000	21.70	'3	20	35	17.65	35.69	25.88	7.52	6
6707	46	1 5 . 2 0	'337	'745	2000	21.70	13	20	40	17.33	35.71	25.98	7.41	6
6707	A6	15.M	1337	1745	2000	21.70	13	20	A5	16.64	35.65	26.10	7.32	6
6707	46	15.20	1337	1745	2000	21.70	13	20	50	16.16	35.63	26.19	7.22	6
6707	46	15.20	1337	'745	2000	21.70	13	20	55	16.00	35.61	26.22	7.13	6
6707	46	15.20	1337	'745	2000	21.70	13	20	60	'5.83	35.59	26.24	7.05	6
8707	A6	15.20	'337	1745	2000	21.70	13	20	65	'5.6'	35.58	26.26	6.96	6
6707	46	15.20	1337	1745	2000	21.70	'3	20	70	'5.26	35.55	26.34	6.67	6
a707	46	15.20	1337	'745	2000	21.70	13	20	75	14.97	35.53	26.38	6.79	6
6707	46	'5.20	1337	1745	2000	21.70	13	20	80	14.76	35.52	26.42	6.71	6
6707	46	15.20	1337	1745	2000	21.70	13	20	a5	14.60	35.50	26.44	6.63	6
6707	A6	15.20	1337	1745	2000	21.70	13	20	90	14.47	35.48	26.46	6.55	6
6707	A6	15.20	1337	1745	2000	21.70	13	20	95	'4.42	35.48	26.47	6.48	6
6707	A6	15.20	1337	'745	2000	21.70	13	20	100	'A.37	35.48	26.47	6.40	6
6707	46	15.20	'337	1745	2000	21.70	13	20	110	1A.14	35.45	26.50	6.25	6
6707	46	15.20	'337	1745	2000	21.70	13	20	120	14.03	35.44	26.52	6.10	6
6707	46	15.20	1337	1745	2000	21.70	13	20	'30	13.84	35.42	26.54	5.95	6
6707	A6	15.20	1337	1745	2000	21.70	'3	20	'40	'3.75	35.41	26.55	5.80	6
6707	46	15.20	1337	1745	2000	21.70	13	20	150	'3.64	35.40	26.57	5.65	6
6707	A6	15.20	'337	1745	2000	21.70	13	20	160	13.45	35.39	26.60	5.51	6
6707	46	15.20	1337	1745	2000	21.70	'3	20	170	'3.22	35.35	26.62	5.37	6
8707	A6	15.20	1337	1745	2000	21.70	'3	20	180	13.04	35.33	26.64	5.23	6
6707	46	15.M	1337	1745	2000	21.70	'3	20	190	'2.69	35.32	26.66	5.09	6
6707	46	15.20	'337	'745	2000	21.70	'3	20	200	12.71	35.30	26.68	4.96	6
6707	46	15.20	'337	1745	2000	21.70	13	20	210	12.51	35.27	26.70	4.82	6
6707	A6	15.20	1337	1745	2000	21.70	'3	20	220	'2.4'	35.26	26.71	A.69	6
6707	A6	15.20	1337	1745	2000	21.70	'3	20	230	12.33	35.25	26.72	4.56	6
6707	46	15.20	'337	'745	2000	21.70	'3	20	240	'2.33	35.27	26.73	4.43	6
6707	46	15.20	1337	'745	2000	21.70	13	20	250	'2.29	35.26	26.75	4.X'	6
6707	A6	15.20	1337	1745	2000	21.70	13	20	260	'2.25	35.29	26.76	A.17	6
6707	46	'5.20	1337	1745	2000	21.70	13	20	270	12.28	35.32	26.76	4.05	6
6707	A6	15.20	'337	1745	2000	21.70	'3	20	280	12.19	35.32	26.80	3.92	6

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sglm	hdyn	radiales
8707	56	15.20	1337	1745	2000	21.70	13	20	290	12.03	35.32	26.83	3.80	6
8707	56	15.20	1337	1745	2000	21.70	13	20	300	11.06	35.31	26.85	3.68	6
8707	A6	15.20	1337	1745	2000	21.70	13	20	310	11.74	30.31	24.07	3.54	6
8707	56	15.20	1337	1745	2000	21.70	13	20	320	11.67	35.30	26.00	3	4 56
0707	46	15.20	1337	1745	2000	21.70	13	20	330	11.62	35.30	26.90	3.33	6
8707	56	15.20	1337	1755	2000	21.70	13	20	350	11.54	35.31	26.91	3.22	6
8707	A6	15.20	1337	1755	2000	21.70	13	20	350	11.40	35.31	26.93	3.11	6
8707	56	15.20	1337	1755	2000	21.70	13	20	360	11.36	35.31	26.95	3.00	6
6707	A6	15.20	1337	1755	2000	21.70	13	20	370	11.27	35.30	16.96	2.89	6
8707	56	15.20	1337	1755	2000	21.70	13	20	380	11.16	35.29	26.97	2.70	6
6707	56	15.20	1337	1755	2000	21.70	13	20	390	10.99	35.28	26.99	2.67	6
8707	56	15.20	1337	1755	2000	21.70	13	20	500	10.75	35.27	27.03	2.57	6
0707	56	15.20	1337	1755	2000	21.70	13	20	410	10.63	35.26	27.04	2.57	6
8707	56	15.20	1337	1755	2000	21.70	13	20	420	10.46	35.24	27.06	2.37	6
6707	56	15.20	1337	1755	2000	21.70	13	20	A M	10.33	35.23	27.07	2.27	6
6707	A6	15.20	1337	1745	2000	21.70	13	20	550	10.16	35.22	27.09	2.16	6
6707	56	15.20	1337	1745	2000	21.70	13	20	550	10.05	35.21	27.11	2.08	6
8707	56	15.20	1337	1755	2000	21.70	13	20	460	9.98	35.20	27.11	1.99	6
8707	56	15.20	1337	1755	2000	21.70	13	20	470	9.00	35.16	27.12	1.09	6
8707	46	15.20	1337	1755	2000	21.70	13	20	580	9.60	35.16	27.13	1.80	6
0707	56	15.20	1337	1745	2000	21.70	13	20	490	9.59	35.15	27.15	1.71	6
0707	56	15.20	1337	1755	2000	21.70	13	20	500	9.35	35.12	27.16	1.62	6
8707	56	15.20	1337	1755	2000	21.70	13	20	520	9.03	35.09	27.16	1.45	6
8707	46	15.20	1337	1745	2000	21.70	13	20	550	8.60	35.03	27.20	1.27	6
8707	56	15.20	1337	1755	2000	21.70	13	20	560	8.52	35.01	27.21	1.10	6
8707	46	15.20	1337	1755	2000	21.70	13	20	580	8.10	34.97	27.24	0.95	6
8707	56	15.20	1337	1745	2000	21.70	13	20	600	8.05	34.97	27.24	0.77	6
8707	46	15.20	1337	1755	2000	21.70	13	20	620	7.80	34.95	27.26	0.61	6
8707	56	15.20	1337	1755	2000	21.70	13	20	640	7.06	34.92	27.27	0.46	6
0707	A6	15.20	1337	1755	2000	21.70	13	20	660	7.37	34.90	27.29	0.30	6
8707	56	15.20	1337	1755	2000	21.70	13	20	680	7.25	34.69	27.29	0.15	6
8707	A6	15.20	1337	1755	1000	21.70	13	20	700	7.00	34.67	27.31	0.00	6
8707	57	17.25	1338	1728	455	20.80	15	355	0	18.51	35.57	25.50	6.06	6
8707	57	17.25	1330	1728	555	20.80	15	355	5	18.50	35.57	25.00	6.43	6
8707	57	17.25	1338	1728	455	20.00	15	355	10	18.17	35.57	25.66	6.31	6
0707	57	17.25	1330	1728	555	20.80	15	355	15	17.76	35.50	25.78	6.20	6
8707	57	17.25	1330	1728	555	20.80	15	355	20	17.18	35.59	25.92	6.09	6
8707	57	17.25	1330	1728	555	20.80	15	355	25	16.75	35.57	26.01	5.70	6
8707	57	17.25	1338	1720	455	20.00	15	355	30	16.60	35.57	26.02	5.69	6
8707	57	17.25	1330	1728	A65	20.80	15	355	35	16.52	35.57	26.09	5.79	6
0707	57	17.25	1330	1728	555	20.00	15	355	50	16.16	35.50	26.15	5.70	6
0707	57	17.25	1330	1720	455	20.00	15	355	45	15.82	35.56	26.22	5.61	6
0707	57	17.25	1338	1728	455	20.00	15	355	50	15.75	35.56	26.24	5.52	6
8707	57	17.25	1338	1728	555	20.80	15	355	55	15.59	35.57	26.20	5.45	6
8707	57	17.25	1330	1728	555	20.00	15	355	60	15.07	35.03	26.36	5.30	6
8707	57	17.25	1330	1728	555	20.00	15	355	65	14.82	35.50	26.40	5.27	6
8707	57	17.25	1330	1728	555	20.80	15	355	70	14.74	35.59	26.51	5.10	6
0707	57	17.25	1330	1728	555	20.80	15	355	75	14.69	35.49	26.52	5.10	6
8707	57	17.25	1338	1728	555	20.00	15	355	80	14.64	35.59	26.42	5.02	6
6707	57	17.25	1338	1728	455	20.00	15	355	85	14.60	35.48	26.43	A.95	6
6707	57	17.25	1338	1728	A55	20.80	15	355	90	15.56	35.40	26.44	5.07	6
8707	57	17.25	1336	1728	555	20.80	15	355	95	15.51	35.57	26.44	5.79	6
8707	57	17.25	1338	1728	555	20.80	15	355	100	14.45	35.57	26.45	4.71	6
8707	57	17.25	1330	1728	A55	20.80	15	355	110	14.37	35.46	26.46	4.55	6
8707	57	17.25	1338	1728	555	20.80	15	355	120	15.31	35.46	26.57	4.50	6
8707	57	17.25	1330	1728	455	20.80	15	355	130	14.25	35.45	26.40	5.25	6
8707	57	17.25	1338	1728	555	20.80	15	355	140	15.16	35.44	26.59	4.09	6
0707	57	17.25	1338	1728	455	20.80	15	355	150	14.12	35.44	26.50	3.95	6
8707	57	17.25	1338	1720	A05	20.80	15	355	160	14.08	35.44	26.51	3.79	6
8707	A?	17.25	1338	1728	555	20.80	15	355	170	15.02	35.43	26.52	3.64	6
8707	57	17.25	1330	1720	455	20.80	15	355	180	13.92	35.42	26.53	3.49	6
8707	47	17.25	1338	1728	455	20.80	15	355	190	13.76	35.51	26.65	3.34	6
8707	57	17.25	1338	1728	455	20.80	15	355	200	13.67	35.39	26.56	3.19	6
8707	A7	17.25	1338	1728	455	20.80	15	355	210	13.50	35.38	26.60	3.05	6
8707	57	17.25	1330	1728	455	20.80	15	355	220	13.41	35.36	26.59	2.90	6
6757	57	17.25	1338	1726	455	20.80	15	355	230	13.34	35.56	26.61	2.76	6
8707	57	17.25	1338	1728	455	20.80	15	355	240	13.17	35.34	26.62	2.62	6
8707	57	17.25	1338	1728	455	20.80	15	355	250	13.12	35.34	26.63	2.40	6
8707	5	7	17.20	1336	555	20.80	15	355	260	12.99	35.33	26.60	2.34	6
8707	57	17.25	1338	1728	A55	20.80	15	355	270	12.87	35.50	26.66	2.20	6
8707	57	17.25	1338	1728	A65	20.80	15	355	280	12.75	35.30	26.67	2.07	6
0707	57	17.25	1338	1728	555	20.80	15	355	290	12.65	35.30	26.69	1.93	6
6707	A7	17.25	1338	1728	A55	20.80	15	355	300	12.56	35.29	26.71	1.80	6
6707	A7	17.25	1330	1728	455	20.00	15	355	310	12.47	35.29	26.73	1.67	6
8707	57	17.25	1338	1728	A55	20.00	15	355	320	12.28	35.29	26.76	1.54	6
8707	57	17.25	1338	1728	555	20.80	15	355	330	12.12	35.29	26.79	1.52	6
0707	57	17.25	1338	1728	555	20.00	15	355	340	12.06	35.29	26.80	1.29	6
0707	57	17.25	1338	1728	A55	20.80	15	355	350	12.01	35.29	26.81	1.17	6
8707	57	17.25	1330	1726	A55	20.00	15	355	360	11.95	35.29	26.82	1.05	6
8707	57	17.25	1338	1728	555	20.80	15	355	370	11.89	35.29	26.03	0.93	6

campagne	stations	heures	latitudes	longitudes	fond	tsech	vifvent	dirvent	Immersion	temp	salinité	sigm	hdyn	radiales
8707	47	17.25	1338	1720	455	20.80	15	355	360	11.79	35.29	26.85	0.81	6
6707	A7	17.25	1338	1720	455	20.80	15	355	390	11.69	35.29	26.67	0.69	6
6707	47	17.25	1338	1720	455	20.80	15	355	400	11.66	35.29	26.67	0.57	6
8707	A7	17.25	1338	1726	455	20.80	15	355	410	11.65	35.29	26.66	0.46	6
8707	A7	17.25	1338	1728	455	20.80	15	355	420	11.63	35.29	26.88	0.34	6
8707	A7	17.25	1336	1728	455	20.80	15	355	430	11.62	35.29	26.66	0.23	6
8707	47	17.25	1338	1728	455	20.80	15	355	440	11.59	35.29	26.89	0.11	6
8707	47	17.25	1338	1728	455	20.80	15	355	450	11.55	35.29	26.89	0.00	6
8707	48	19.27	1337	1724	100	18.90	20	350	0	17.93	35.56	25.71	1.69	6
8707	48	19.27	1337	1724	100	18.90	20	350	5	17.90	35.56	15.72	1.57	6
8707	48	19.27	1337	1724	100	18.90	20	350	10	17.26	35.57	25.89	1.47	6
8707	48	19.27	1337	1724	100	18.90	20	350	15	16.33	35.58	26.11	1.37	6
8707	48	19.27	1337	1724	100	18.90	20	350	20	15.98	35.57	26.19	1.27	6
8707	48	19.27	1337	1724	100	18.90	20	350	25	15.64	35.55	16.25	1.18	6
8707	48	19.27	1337	1724	100	18.90	20	350	30	15.34	35.54	26.31	1.10	6
8707	46	19.27	1337	1724	100	18.90	20	350	35	15.20	35.53	26.34	1.01	6
8707	48	19.27	1337	1724	100	18.90	20	350	40	15.00	35.51	26.37	0.93	6
6707	48	19.27	1337	1724	100	18.90	20	350	45	14.74	35.49	26.41	0.85	6
6707	48	19.27	1337	1724	100	18.90	20	350	50	14.62	35.48	26.43	0.77	6
8707	48	19.27	1337	1724	100	18.90	20	350	55	14.53	35.48	26.44	0.69	6
8707	48	19.27	1337	1724	100	18.90	20	350	60	14.45	35.47	26.46	0.61	6
8707	48	19.27	1337	1724	100	18.90	20	350	65	14.43	35.47	26.46	0.54	6
8707	48	19.27	1337	1724	100	18.90	20	350	70	14.40	35.47	26.46	0.44	6
a707	48	19.27	1337	1724	100	18.90	20	350	75	14.37	35.47	26.47	0.38	6
8707	48	19.27	1337	1724	100	18.90	20	350	80	14.35	35.47	26.47	0.30	6
8707	48	19.27	1337	1724	100	18.90	20	350	85	14.32	35.46	26.47	0.23	6
8707	A8	19.27	1337	1724	100	18.90	20	350	90	14.28	35.45	26.48	0.15	6
8707	48	19.27	1337	1724	100	18.90	20	350	95	14.25	35.45	26.48	0.07	6
8707	48	19.27	1337	1724	100	18.90	20	350	100	14.15	35.44	26.49	0.00	6
8707	49	21.11	1337	1714	51	17.80	16	350	0	16.60	35.52	26.00	0.79	6
8707	49	21.11	1337	1714	51	17.80	16	350	5	16.57	35.54	26.03	0.69	6
8707	A9	21.11	1337	1714	51	17.80	16	350	10	16.24	35.54	26.10	0.59	6
8707	A9	21.11	1337	1714	51	17.80	16	350	15	15.98	35.54	26.16	0.50	6
8707	49	21.11	1337	1714	51	17.80	16	350	20	15.84	35.54	26.19	0.41	6
6707	49	21.11	1337	1714	51	17.80	16	350	25	15.31	35.52	26.30	0.32	6
6707	Ai	21.11	1337	1714	51	17.80	16	350	30	14.79	35.50	26.40	0.24	6
8707	49	21.11	1337	1714	51	17.80	16	350	35	14.75	35.50	26.41	0.15	6
6707	A9	21.11	1337	1714	51	17.80	16	350	40	14.71	35.50	26.42	0.07	6
8707	49	21.11	1337	1714	51	17.80	16	350	45	14.71	35.50	26.42	0.00	6
8707	50	0.00	1336	1653	15	17.80	12	350	0	17.80	35.52	25.72	0.22	6
a707	50	0.00	1334	1653	15	17.80	12	350	5	17.80	35.52	25.71	0.11	6
8707	50	0.00	1336	1653	15	17.80	12	350	10	17.80	35.52	25.71	0.00	6
8707	51	A.17	1260	1657	14	17.90	16	0	0	18.43	35.54	25.57	0.11	7
8707	51	A.17	1260	1657	14	17.90	16	0	5	18.43	35.53	25.57	0.00	7
8707	52	6.13	1300	1711	29	17.00	14	0	0	16.66	35.56	26.02	0.48	7
8707	52	6.13	1300	1711	29	17.00	14	0	5	16.65	35.56	26.02	0.38	7
8707	52	6.13	1300	1711	29	17.m	14	0	10	16.63	35.66	26.03	0.28	7
8707	52	6.13	1300	1711	29	17.m	14	0	15	16.55	35.55	26.04	0.19	7
6707	52	6.13	1300	1711	29	17.m	14	0	20	16.26	35.54	26.11	0.09	7
6707	52	6.13	1300	1711	29	17.00	14	0	25	16.17	35.54	26.13	0.00	7
8707	53	8.15	1300	1726	50	18.20	10	0	0	18.30	35.60	25.65	0.80	7
8707	53	a.15	1300	1726	50	18.20	10	0	5	18.29	35.60	25.65	0.68	7
6707	53	a.15	1300	1726	50	18.20	10	0	10	16.26	35.60	25.66	0.57	7
8707	53	8.15	1300	1726	50	16.20	10	0	15	16.92	35.39	25.96	0.49	7
a707	53	8.15	1300	1726	50	18.20	10	0	20	16.49	35.58	26.07	0.35	7
8707	53	8.15	1300	1726	50	16.20	10	0	25	16.32	35.57	26.11	0.27	7
6707	53	8.15	1300	1726	50	18.20	10	0	30	16.04	35.55	26.17	0.17	7
6707	53	8.15	1300	1726	50	16.20	10	0	35	15.68	35.54	26.23	0.08	7
8707	53	8.15	1300	1726	50	16.20	10	0	40	15.37	35.53	26.29	0.00	7
6707	54	10.24	1259	1740	646	20.70	10	30	0	19.30	35.61	25.40	7.67	7
6707	54	10.24	1259	1740	646	20.70	10	30	0	19.30	35.61	25.40	7.67	7
0707	54	10.24	1259	1740	646	20.70	10	30	5	19.30	35.61	25.41	7.55	7
8707	54	10.24	1259	1740	646	20.70	10	30	10	19.18	35.61	25.44	7.42	7
8707	54	10.24	1259	1740	646	20.70	10	30	15	19.09	35.61	25.46	7.29	7
6707	54	10.24	1259	1740	646	20.70	10	30	20	16.75	35.63	25.56	7.17	7
6707	54	10.24	1259	1740	646	20.70	10	30	25	18.00	35.70	25.81	7.05	7
8707	54	10.24	1259	1740	646	20.70	10	30	30	16.97	35.66	26.03	6.95	7
8707	54	10.24	1259	1740	646	20.70	10	30	35	16.14	35.60	26.18	6.86	7
6707	54	10.24	1259	1740	646	20.70	10	30	40	15.77	35.56	26.23	6.77	7
8707	54	10.24	1259	1740	646	20.70	10	30	45	15.61	35.56	26.27	6.68	7
6707	54	10.24	1259	1740	646	20.70	10	30	50	15.M	35.56	26.30	6.59	7
8707	54	10.24	1259	1740	646	20.70	10	30	55	15.33	35.55	26.32	6.51	7
6707	54	10.24	1259	1740	646	20.70	10	30	60	15.16	35.53	26.35	6.42	7
8707	54	10.24	1259	1740	646	20.70	10	30	65	14.91	35.51	26.58	6.34	7
a707	54	10.24	1259	1740	646	20.70	10	30	70	14.81	35.50	26.40	6.26	7
6707	54	10.24	1259	1740	646	20.70	10	30	75	14.72	35.50	26.42	6.18	7
8707	54	10.24	1259	1740	646	20.70	10	30	80	14.64	35.50	26.43	6.10	7
8707	54	10.24	1259	1740	646	20.70	10	30	85	14.48	35.48	26.45	6.02	7
8707	54	10.24	1259	1748	646	20.70	10	30	90	14.32	35.46	26.47	5.94	7
a707	54	10.24	1259	1740	646	20.70	10	30	95	14.23	35.45	26.48	5.87	7

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	temp	salinité	sigm	hdyn	radiales
8707	54	10.24	1259	1740	646	20.70	10	30	100	14.19	35.45	26.49	5.79	7
8707	54	10.24	1259	1740	646	20.70	10	30	110	14.10	35.44	26.50	5.64	7
8707	54	10.24	1259	1740	646	20.70	10	30	120	13.96	35.43	26.52	5.49	7
8707	54	10.24	1259	1740	646	20.70	10	30	130	13.07	35.42	26.54	5.34	7
8707	54	10.24	1259	1740	646	20.70	10	30		13.79	35.41	26.55	5.19	7
8707	54	10.24	1259	1740	646	20.70	10	30	150	13.74	36.41	26.55	5.05	7
8707	54	10.24	1259	1740	646	20.70	10	30	160	13.55	35.38	26.58	4.90	7
8707	54	10.24	1259	1740	646	20.70	10	30	170	13.37	35.36	26.60	4.76	7
8707	54	10.24	1259	1740	646	20.70	10	30	180	13.30	35.35	26.60	4.61	7
8707	54	10.24	1259	1740	646	20.70	10	30	190	13.19	35.34	26.62	4.47	7
8707	54	10.24	1259	1740	646	20.70	10	30	200	13.12	35.34	26.63	4.33	7
8707	54	10.24	1259	1740	646	20.70	10	30	210	13.09	35.34	26.63	4.19	7
8707	54	10.24	1259	1740	646	20.70	10	30	220	13.06	35.33	26.64	4.05	7
8707	54	10.24	1259	1740	646	20.70	10	30	230	12.94	35.32	26.65	3.92	7
8707	54	10.24	1259	1740	646	20.70	10	30	240	12.74	35.30	26.66	3.78	7
8707	54	10.24	1259	1740	646	20.70	10	30	250	12.69	35.30	26.60	3.65	7
8707	54	10.24	1259	1740	646	20.70	10	30	260	12.48	35.27	26.70	3.51	7
8707	54	10.24	1259	1740	646	20.70	10	30	270	12.36	35.27	26.72	3.38	7
8707	54	10.24	1259	1740	646	20.70	10	30	280	12.31	35.27	26.73	3.25	7
8707	54	10.24	1259	1740	646	20.70	10	30	290	12.26	35.27	26.74	3.12	7
8707	54	10.24	1259	1740	646	20.70	10	30	300	12.13	35.26	26.76	2.99	7
8707	54	10.24	1259	1740	646	20.70	10	30	310	11.93	35.25	26.79	2.87	7
8707	54	10.24	1259	1740	646	20.70	10	30	3 m	11.78	35.24	26.81	2.75	7
8707	54	10.24	1259	1740	646	20.70	10	30	330	11.74	35.25	16.83	2.62	7
8707	54	10.24	1259	1740	646	20.70	10	30	340	11.72	35.26	26.84	2.50	7
8707	54	10.24	1259	1740	646	20.70	10	30	350	11.79	35.31	16.87	2.39	7
8707	54	10.26	1259	1740	646	20.70	10	30	360	11.64	55.31	26.90	2.27	7
8707	54	10.24	1259	1740	646	20.70	10	30	370	11.41	35.29	26.92	2.16	7
8707	54	10.24	1259	1740	646	20.70	10	30	380	11.35	35.31	26.95	2.05	7
8707	54	10.24	1259	1740	646	m.70	10	30	390	11.21	35.29	26.96	1.94	7
8707	54	10.24	1259	1740	646	20.70	10	30	400	11.10	35.28	26.97	1.83	7
8707	54	10.24	1259	1740	646	20.70	10	30	410	10.99	35.28	26.99	1.73	7
8707	54	10.24	1259	1740	646	20.70	10	30	420	10.91	35.26	26.99	1.62	7
8707	54	10.24	1259	1740	646	m.70	10	30	430	10.80	35.25	27.00	1.52	7
8707	54	10.24	1259	1740	646	20.70	10	30	440	10.40	35.19	27.03	1.41	7
8707	54	10.24	1259	1740	646	m.70	10	30	450	10.05	35.17	27.07	1.31	7
8707	54	10.24	1259	1740	646	20.70	10	30	460	9.67	35.15	27.09	1.22	7
8707	54	10.24	1259	1740	646	20.70	10	30	470	9.65	35.12	17.11	1.12	7
8707	54	10.24	1259	1740	646	20.70	10	30	480	9.40	35.10	27.13	1.03	7
8707	54	10.24	1259	1740	646	20.70	10	30	490	9.23	35.09	27.15	0.94	7
8707	54	10.24	1259	1740	646	20.70	10	30	500	8.98	35.05	27.16	0.85	7
8707	54	10.24	1259	1740	646	20.70	10	30	520	8.71	35.03	17.15	0.67	7
8707	54	10.24	1259	1740	646	20.70	10	30	540	8.52	35. w	27. m	0.50	7
8707	54	10.24	1259	1740	646	20.70	10	30	560	8.44	35. m	27.20	0.33	7
8707	54	10.24	1259	1740	646	20.70	10	30	580	8.11	34.96	27.22	0.16	7
8707	54	10.24	1259	1740	646	20.70	10	30	600	7.83	34.94	27.25	0.00	7
8707	55	13.55	1259	1759	1500	21.60	18	10	0	21.55	35.65	24.84	8.76	7
8707	55	13.65	1259	1759	1500	21.60	18	10	5	21.52	35.65	24.85	a.61	7
8707	55	13.55	1259	1759	1500	21.60	18	10	10	21.49	35.65	24.86	8.45	7
8707	55	13.55	1259	1759	1500	21.60	18	10	15	21.42	35.65	24.88	0.30	7
8707	55	13.55	1259	1759	1500	21.60	18	10	m	21.35	35.65	24.89	8.15	7
8707	55	13.55	1259	1759	1500	21.60	18	10	25	21.29	35.66	24.91	8.00	7
8707	55	13.55	1259	1759	1500	21. w	1.3	10	30	21.24	35.64	24.93	7.84	7
8707	55	13.55	1259	1759	1500	21.60	18	10	35	21.19	35.66	24.94	7.69	7
8707	55	13.55	1259	1759	1500	21. w	18	10	40	20.97	35.69	25.03	7.55	7
8707	55	13.56	1259	1759	1500	21.60	18	10	45	19.09	35.72	25.64	7.41	7
8707	55	13.55	1259	1759	1500	21.60	18	10	50	18.02	36.71	25.81	7.30	7
8707	55	13.55	1259	1759	1500	21.60	18	10	55	17.58	35.71	25.91	7.19	7
8707	55	13.55	1259	1759	1500	21.60	18	10	60	17.22	35.69	25.99	7.09	7
8707	55	13.55	1259	1759	1500	21. M	18	10	65	16.52	35.66	26.13	6.99	7
8707	55	13.55	1259	1759	1500	21.60	18	10	70	15.89	35.62	26.25	6.90	7
8707	55	13.56	1259	1759	1500	21.60	18	10	75	15.45	35.57	26.31	6.82	7
8707	55	13.55	1259	1759	1500	21.60	18	10	80	15.23	35.57	26.36	6.73	7
8707	55	13.55	1259	1759	1500	21.60	18	10	85	14.99	35.55	26.40	6.65	7
8707	55	13.55	1259	1759	1500	21.60	18	10	90	14.77	35.54	16.44	6.57	7
8707	55	13.55	1259	1759	1500	21.60	18	10	95	14.57	35.52	26.47	6.49	7
8707	55	13.55	1259	1759	1500	21.60	18	10	100	14.36	35.50	26.49	6.42	7
8707	55	13.55	1259	1759	1500	21.60	18	10	110	14. M	35.45	26.53	6.26	7
8707	55	13.65	1259	1759	1500	21.60	18	10	120	13.86	35.44	26.55	6.12	7
8707	55	13.55	1259	1759	1500	21.60	18	10	130	13.99	35.51	26.58	5.97	7
8707	55	13.55	1259	1759	1500	21.60	18	10	140	13.78	35.49	26.61	5.53	7
8707	55	13.55	1259	1759	1500	21.60	18	10	150	13.29	35.40	26. M	5.69	7
8707	55	13.55	1259	1759	1500	21.60	18	10	160	13.12	35.39	26.67	5.55	7
8707	55	13.55	1259	1759	1500	21.60	18	10	170	13.02	35.38	26.68	5.42	7
8707	55	13.55	1259	1759	1500	21.60	18	10	180	12.90	35.36	26.69	5.25	7
8707	55	13.55	1259	1759	1500	21.60	18	10	190	12.82	35.34	26.71	5.15	7
8707	55	13.55	1259	1759	1500	21.60	1.3	10	200	12.74	35.36	26.72	5.02	7
8707	55	13.55	1259	1759	1500	21.60	18	10	210	12.71	35.37	26.73	4.89	7
8707	55	13.55	1259	1759	1500	21.60	18	10	2 m	12.66	35.35	26.75	4.76	7
8707	55	13.55	1259	1759	1500	21.60	18	10	230	12.58	35.38	26.77	4.63	7

campagne	stations	heures	latitudes	longitudes	tend	ttech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	55	13.55	1259	1759	1500	21.60	18	10	240	12.49	35.37	26.78	4.51	7
8707	55	13.65	1259	1759	1500	21.60	18	10	250	12.37	35.35	26.79	4.38	7
8707	55	13.55	1259	1759	1500	21.60	18	10	260	12.28	35.35	26.80	4.26	7
8707	55	13.55	1259	1759	1500	21.60	18	10	270	12.22	35.35	26.82	4.14	7
9707	55	13.55	1259	1759	1500	21.60	18	10	280	12.17	35.35	26.83	4.01	7
8707	55	13.55	1259	1759	1500	21.60	18	10	290	12.11	35.35	26.83	3.e1	7
8707	55	13.55	1259	1759	1500	21.60	18	10	300	11.89	35.32	26.86	3.77	7
8707	55	13.55	1259	1759	1500	21.60	18	10	310	11.80	31.32	26.87	3.66	7
8707	55	13.55	1259	1759	1500	21.M)	18	10	320	11.60	35.28	26.88	3.54	7
8707	55	13.55	1259	1759	1500	21.60	18	10	330	11.48	35.27	26.90	3.43	7
8707	55	13.56	1259	1759	1500	21.60	18	10	340	11.40	36.27	26.91	3.31	7
8707	55	13.55	1259	1759	1500	21.M)	18	10	350	11.36	35.27	26.92	3.20	7
8707	55	13.56	1259	1759	1500	21.60	18	10	360	11.27	35.27	26.93	3.09	7
8707	55	13.55	1259	1759	1500	21.60	18	10	370	11.19	35.27	26.95	2.98	7
8707	55	13.55	1259	1759	1500	21.60	18	10	380	11.09	35.26	26.96	2.87	7
8707	55	13.55	1259	1759	1500	21.60	18	10	390	10.93	35.25	26.98	2.76	7
8707	55	13.55	1259	1759	1500	21.60	18	10	400	10.87	35.25	26.99	2.66	7
8707	55	13.55	1259	1759	1500	21.60	18	10	410	10.78	35.25	27.00	2.55	7
8707	55	13.55	1259	1759	1500	21.60	18	10	420	10.67	35.25	27.03	2.46	7
8707	55	13.55	1259	1759	1500	21.60	18	10	430	10.57	35.24	27.04	2.35	7
8707	55	13.55	1259	1759	1500	21.60	18	10	440	10.47	35.22	27.04	2.25	7
8707	55	13.55	1259	1759	1500	21.60	18	10	450	10.29	35.21	27.06	2.15	7
8707	55	13.55	1259	1759	1500	21.60	18	10	460	10.18	35.20	27.08	2.05	7
8707	55	13.55	1259	1759	1500	21.60	18	10	470	10.11	35.m	27.08	1.95	7
8707	55	13.55	1259	1759	1500	21.60	18	10	430	9.97	35.18	27.10	1.86	7
8707	55	13.55	1259	1759	1500	21.60	18	10	490	9.89	35.17	27.10	1.76	7
8707	55	13.55	1259	1759	1500	21.60	18	10	500	9.78	35.17	27.12	1.67	7
8707	55	13.55	1259	1759	1500	21.60	18	10	520	9.40	35.12	27.14	1.48	7
8707	55	13.55	1259	1759	1500	21.60	18	10	540	9.12	35.09	27.17	1.30	7
8707	55	13.55	1259	1759	1500	21.60	18	10	560	8.77	35.04	27.18	1.13	7
8707	55	13.55	1259	1759	1500	21.60	18	10	580	8.41	34.99	27.20	0.96	7
8707	55	13.55	1259	1759	1500	21.60	18	10	600	8.22	34.98	27.22	0.79	7
8707	55	13.55	1259	1759	1500	21.60	18	10	620	7.95	34.95	27.24	0.62	7
8707	55	13.55	1259	1759	1500	21.60	18	10	640	7.74	34.92	27.25	0.46	7
8707	55	13.55	1259	1759	1500	21.60	18	10	660	i.53	34.91	27.27	0.30	7
8707	55	13.55	1259	1759	1500	21.60	18	10	b a i	7.21	34.87	27.29	0.15	7
8707	55	13.55	1259	1759	1500	21.60	18	10	700	6.93	34.85	27.30	0.00	7
8707	56	18.22	1300	1831	3000	21.80	18	15	0	22.67	35.71	24.58	8.57	7
8707	56	18.22	1300	1831	3000	21.80	18	15	5	22.66	35.73	24.58	8.40	7
8707	56	18.22	1300	1831	3000	21.80	18	15	10	22.66	35.74	24.59	8.24	7
8707	56	18.22	1300	1831	3000	21.80	18	15	15	22.65	35.75	24.60	8.07	7
8707	56	18.22	1300	1831	3000	21.80	18	15	20	22.64	35.76	24.61	7.90	7
8707	56	18.22	1300	1831	3000	21.80	18	15	25	22.45	35.76	24.66	7.74	7
8707	56	18.22	1300	1831	3000	21.80	18	15	30	20.97	36.75	25.07	7.58	7
8707	56	18.22	1300	1831	3000	21.80	18	15	35	19.53	35.73	25.44	7.45	7
8707	56	18.22	1300	1831	3000	21.80	18	15	40	18.59	36.74	25.69	7.33	7
8707	56	18.22	1300	1831	3000	21.80	18	15	45	17.66	35.75	25.93	7.22	7
8707	56	18.22	1300	1831	3000	21.80	18	15	50	17.02	35.75	26.09	7.12	7
8707	56	18.22	1300	1831	3000	21.80	18	15	55	16.66	35.75	26.17	7.05	7
8707	56	18.22	1300	1831	3000	21.80	18	15	60	16.16	35. M	26.24	6.94	7
8707	56	18.22	1300	1831	3000	21.80	18	15	65	15.66	35.64	26.32	6.85	7
8707	56	18.22	1300	1831	3000	21.80	18	15	70	15.23	35.59	26.37	6.77	7
8707	56	18.22	1300	1831	3000	21.80	18	15	75	14.88	35.54	26.42	6.69	7
8707	56	18.22	1300	1831	3000	21.80	18	15	80	14. M	35.52	26.45	6.61	7
8707	56	18.22	1300	1831	3000	21.80	18	15	a5	14.38	35.48	26.48	6.53	7
8707	56	18.22	1300	1831	3000	21.80	18	15	90	14. 20	35.46	26.50	6.45	7
8707	56	18.22	1300	1831	3000	21.80	18	15	95	14.08	35.45	26.52	6.38	7
8707	56	18.22	1300	1831	3000	21.80	18	15	100	13.96	35.44	26.53	6.30	7
8707	56	18.22	1300	1831	3000	21.80	18	15	110	13.72	35.41	26.56	6.16	7
8707	56	18.22	1300	1831	3000	21.80	18	15	120	13.50	35.39	26.59	6.01	7
8707	56	18.22	1300	1831	3000	21.80	18	15	130	13.32	35.37	26.61	5.87	7
8707	56	18.22	1300	1831	3000	21.80	18	15	140	13.19	35.35	26.62	5.73	7
8707	56	18.22	1300	1831	3000	21.80	18	15	150	13.09	35.36	26.64	5.59	7
8707	56	18.22	1300	1831	3000	21.80	18	15	160	12.99	35.33	26.65	5.45	7
8707	56	18.22	1300	1831	3000	21.80	18	15	170	12.89	35.32	26.66	5.32	7
8707	56	18.22	1300	1831	3000	21.80	18	15	180	12.74	35.32	26.69	5.18	7
8707	56	18.22	1300	1831	3000	21.80	18	15	190	12.67	35.33	26.71	5.05	7
8707	56	18.22	1300	1831	3000	21.80	18	15	200	12.56	35.32	26.73	4.92	7
8707	56	18.22	1300	1831	3000	21.80	18	15	210	12.26	35.27	26.75	4.79	7
8707	56	18.22	1300	1831	3000	21.80	18	15	220	12.09	35.25	26.76	4.66	7
8707	56	18.22	1300	1831	3000	21.80	18	15	230	12.05	35.25	26.78	4.53	7
8707	56	18.22	1300	1831	3000	21.80	18	15	240	12.05	35.28	26.79	4.41	7
8707	56	18.22	1300	1831	3000	21.80	18	15	250	11.96	35.27	26.80	4.29	7
8707	56	18.22	1300	1831	3000	21.80	18	15	260	-11.91	35.27	26.82	4.16	7
8707	56	18.22	1300	1831	3000	21.80	18	15	270	11.75	35.27	26.84	4.04	7
8707	56	18.22	1300	1831	3000	21.80	18	15	280	11.82	35.29	26.85	3.92	7
8707	56	18.22	1300	1831	3000	21.80	18	15	290	11.71	35.29	26.87	3.81	7
8707	56	18.22	1300	1831	3000	21.80	18	15	300	11.M)	35.29	26.88	3.69	7
8707	56	18.22	1300	1831	3000	11.80	18	15	310	11.51	35.29	26.90	3.58	7
8707	56	18.22	1300	1831	3000	21.80	18	15	320	11.43	35.29	26.92	3.46	7

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	56	18.22	1300	1831	3000	21.80	18	15	330	11.31	35.28	26.94	3.35	7
8707	56	18.22	1300	1831	3000	21.80	18	15	340	11.17	35.27	26.96	3.24	7
8707	56	18.22	1300	1831	3000	21.80	18	15	350	11.02	35.26	26.98	3.13	7
8707	56	18.22	1300	1831	3000	21.80	18	15	360	10.94	35.27	26.99	3.03	7
8707	56	18.22	1300	1.331	3000	21.80	18	15	370	10.84	36.26	27.00	2.92	7
8707	56	18.22	1300	1831	3000	21.80	1 8	15	380	10.65	35.24	27.02	2.82	7
8707	56	18.22	1300	1831	3000	11.80	18	15	390	10.58	35.24	27.03	2.72	7
3707	56	18.22	1300	1831	3000	21.80	18	15	400	10.51	35.23	27.04	2.62	7
8707	56	18.22	1300	1e.31	3000	21.80	18	15	410	10.44	35.23	27.05	2.52	7
0707	56	18.22	1300	1831	3000	21.80	18	15	420	10.29	35.22	27.07	2.42	7
6707	56	18.22	1300	1831	3000	21.80	18	15	430	10.16	35.21	27.08	2.32	7
8707	56	18.22	1300	1831	3000	21.80	18	15	M O	10.04	35.19	27.09	2.23	7
8707	56	18.22	1300	1e.31	3000	21.80	18	15	450	9.92	35.18	27.11	2.13	7
8707	56	18.22	1300	1831	3000	21.80	18	15	460	9.81	35.17	27.12	2.04	7
8707	56	18.22	1300	1831	3000	21.80	18	15	470	9.72	35.16	27.13	1.95	7
0707	56	18.22	1300	1831	3000	21.80	18	15	480	9.67	35.16	27.13	1.85	7
8707	56	18.22	1300	1831	3000	21.80	18	15	490	9.61	35.16	27.14	1.76	7
6707	56	18.22	1300	1831	3000	21.80	18	15	500	9.55	35.15	27.14	1.67	7
0707	56	18.22	1300	1e.31	3000	11.80	18	15	520	9.43	35.14	27.15	1.49	7
6707	56	18.22	1300	1831	3000	21.80	18	15	540	9.29	35.12	27.17	1.31	7
0707	56	18.22	1300	1831	3000	21.80	18	15	560	9.13	35.10	27.17	1.14	7
8707	56	18.22	1300	1831	3000	21.80	18	15	580	8.87	35.07	27.19	0.96	7
6707	56	18.22	1300	1831	3000	21.80	18	15	600	8.39	35.00	27.27	0.79	7
8707	56	18.22	1300	1831	3000	21.80	18	15	620	8.12	34.96	27.24	0.63	7
3707	56	18.22	1300	1831	3000	21.80	18	15	640	8.13	34.99	27.25	0.44	7
6707	56	18.22	1300	1831	3000	21.80	18	15	660	7.81	34.96	27.27	0.30	7
8707	56	18.22	1300	1831	3000	21.80	18	15	680	7.56	34.93	27.28	0.15	7
8707	56	18.22	1300	1831	3000	21.80	18	15	700	7.19	34.89	27.30	0.00	7
8707	57	21.43	1300	1900	3000	21.30	14	20	0	22.76	35.86	24.66	8.35	7
8707	57	21.43	1300	1900	3000	21.30	14	20	5	22.76	35.86	24.55	8.18	7
6707	57	21.43	1300	1900	3000	21.30	14	20	10	22.76	35.86	24.55	8.02	7
6707	57	21.43	1300	1900	3000	21.30	14	20	15	22.76	35.86	24.65	7.86	7
8707	57	21.43	1300	1900	3000	21.30	14	20	20	22.76	35.86	24.45	7.69	7
0707	57	21.43	1300	1900	3000	21.30	14	20	25	21.19	35.83	25.07	7.54	7
8707	57	21.43	1300	1900	3000	21.30	14	20	30	19.46	35.72	25.45	7.41	7
8707	57	21.43	1300	1900	3000	21.30	14	20	35	18.22	35.69	25.74	7.29	7
8707	57	21.43	1300	1900	3000	21.30	14	20	40	16.81	35.65	26.06	7.18	7
8707	57	21.43	1300	1900	3000	21.30	14	20	45	16.30	35.63	26.16	7.09	7
8707	57	21.43	1300	1900	3000	21.30	14	20	50	15.79	35.61	26.26	7.00	7
8707	57	21.43	1300	1900	3000	21.30	14	20	55	15.38	35.57	26.32	6.91	7
8707	57	21.43	1300	1900	3000	21.30	14	20	60	14.92	35.53	26.40	6.83	7
8707	57	21.43	1300	1900	3000	21.30	14	20	65	14.69	35.51	26.43	6.75	7
8707	57	21.43	1300	1900	3000	21.30	14	20	70	14.44	35.48	26.47	6.67	7
8707	57	21.43	1300	1900	3000	21.30	14	20	75	14.14	35.45	26.51	6.60	7
8707	57	21.43	1300	1900	3000	21.30	14	20	80	13.98	35.43	26.53	6.52	7
8707	57	21.43	1300	1900	3000	21.30	14	20	85	13.82	35.42	26.65	6.45	7
8707	57	21.43	1300	1900	3000	21.30	14	20	90	13.68	35.40	26.56	6.37	7
8707	57	21.43	1300	1900	3000	21.30	14	20	95	13.62	35.40	26.57	6.30	7
8707	57	21.43	1300	1900	3000	21.30	14	20	100	13.51	35.39	26.59	6.23	7
8707	57	21.43	1300	1900	3000	21.30	14	20	110	13.31	35.37	26.61	6.09	7
8707	57	21.43	1300	1900	3000	21.30	14	20	120	13.05	35.33	26.64	5.95	7
8707	57	21.43	1300	1900	3000	21.30	14	20	130	12.90	35.31	26.66	5.81	7
0707	57	21.43	1300	1900	3000	21.30	14	20	140	12.76	35.30	26.67	5.67	7
8707	57	21.43	1300	1900	3000	21.30	14	20	150	11.64	35.29	26.69	5.54	7
8707	57	21.43	1300	1900	3000	21.30	14	20	160	12.50	35.27	26.70	5.40	7
8707	57	21.43	1300	1900	3000	21.30	14	20	170	11.40	35.27	26.72	5.27	7
8707	57	21.43	1300	1900	3000	21.30	14	20	180	12.22	35.24	26.73	5.14	7
8707	57	21.43	1300	1900	3000	21.30	14	20	190	12.04	35.22	26.75	5.01	7
8707	57	21.43	1300	1900	3000	21.30	14	20	200	12.18	35.26	26.76	4.88	7
8707	57	21.43	1300	1900	3000	21.30	14	20	210	12.07	35.25	26.77	4.76	7
8707	57	21.43	1300	1900	3000	21.30	14	20	220	11.94	35.24	26.78	4.63	7
8707	57	21.43	1300	1900	3000	21.30	14	20	230	11.91	35.24	26.79	4.51	7
8707	57	21.43	1300	1900	3000	21.30	14	20	240	11.96	35.28	26.81	4.38	7
0707	57	21.43	1300	1900	3000	21.30	14	20	250	11.91	35.28	26.82	4.26	7
8707	57	21.43	1300	1900	3000	21.30	14	20	260	11.84	35.28	26.84	4.14	7
8707	57	21.43	1300	1900	3000	21.30	14	20	270	11.84	35.30	26.85	4.02	7
8707	57	21.43	1300	1900	3000	21.30	14	20	280	11.77	35.29	26.86	3.90	7
8707	57	21.43	1300	1900	3000	21.30	14	20	290	11.75	35.31	26.88	3.79	7
8707	57	21.43	1300	1900	3000	21.30	14	20	300	11.40	35.27	26.89	3.67	7
8707	57	21.43	1300	1900	3000	21.30	14	20	310	11.43	35.27	26.90	3.56	7
8707	57	21.43	1300	1900	3000	21.30	14	20	320	11.28	35.25	26.92	3.45	7
8707	57	21.43	1300	1900	3000	21.30	14	20	330	11.25	35.26	26.93	3.33	7
8707	57	21.43	1300	1900	3000	21.30	14	20	340	11.10	35.25	26.95	3.22	7
8707	57	21.43	1300	1900	3000	21.30	14	20	350	10.94	35.23	26.96	3.12	7
8707	57	21.43	1300	1900	3000	21.30	14	20	360	10.83	35.22	26.98	3.01	7
8707	57	21.43	1300	1900	3000	21.30	14	20	370	10.80	35.24	27.00	2.90	7
8707	57	21.43	1300	1900	3000	21.30	14	20	380	10.59	35.22	27.02	2.80	7
8707	57	21.43	1300	1900	3000	21.30	14	20	390	10.48	35.21	27.03	2.70	7
8707	57	21.43	1300	1900	3000	21.30	14	20	400	10.39	35.20	27.04	2.60	7
8707	57	21.43	1300	1900	3000	21.30	14	20	410	10.34	35.20	27.04	2.50	7

campagn	stations	heures	latitudes	longitudes	fond	tsech	vifvent	dirvent	immersions	tomp	salinité	sigm	hdyn	radiales
8707	57	21.43	1300	1900	3000	21.30	14	20	420	10.30	35.21	27.06	2.40	7
0707	57	21.43	1300	1900	3000	21.30	14	20	430	10.07	35.17	27.07	2.50	7
0707	57	21.43	1300	1900	3000	21.30	14	20	440	9.94	35.16	27.08	2.20	7
8707	57	21.43	1300	1900	3000	21.30	14	20	450	9.04	35.15	27.10	2.11	7
0707	57	21.43	1300	1900	3000	21.30	14	20	460	9.75	35.15	27.11	2.01	7
0707	57	21.43	1300	1900	3000	21.30	14	20	470	9.59	35.13	27.12	1.92	7
0707	57	21.43	1300	1900	3000	21.30	14	20	480	9.56	35.13	27.12	1.82	7
0707	57	21.43	1300	1900	3000	21.30	14	20	490	9.53	35.13	27.13	1.73	7
0707	57	21.43	1300	1900	3000	21.30	14	20	500	9.32	35.11	27.15	1.64	7
8707	57	21.43	1300	1900	3000	21.30	14	20	520	9.11	35.08	27.16	1.46	7
0707	57	21.43	1300	1900	3000	21.30	14	20	540	6.02	35.05	27.19	1.29	7
0707	57	21.43	1300	1900	3000	21.30	14	20	560	8.60	35.02	27.20	1.11	7
0707	57	21.43	1300	1900	3000	21.30	14	20	580	6.30	35.00	27.21	0.95	7
3707	07	21.8	1300	1900	3000	21.30	14	20	600	8.19	34.98	27.23	0.78	7
8707	57	21.43	1300	1900	3000	21.30	14	20	620	7.95	34.97	27.25	0.62	7
0707	57	21.43	1300	1900	3000	21.30	14	20	640	7.56	34.91	27.27	0.44	7
0707	57	21.43	1300	1900	3000	21.30	14	20	660	7.44	34.91	27.28	0.30	7
0707	57	1.18	1230	1900	3000	21.30	14	20	680	7.35	34.90	27.29	0.15	7
0707	57	1.18	1230	1900	3000	21.30	14	20	7 m	7.21	34.90	27.31	0.00	7
6707	58	1.18	1230	1860	3000	21.40	16	10	0	23.31	35.57	24.27	8.92	8
0707	58	1.18	1230	1860	3000	21.40	16	10	5	23.31	35.57	24.27	8.74	8
0707	58	1.18	1230	1860	3000	21.40	16	10	10	23.31	35.57	24.27	8.56	8
6707	58	1.18	1230	1860	3000	21.40	16	10	15	23.31	35.57	24.27	8.37	8
0707	58	1.18	1230	1860	3000	21.40	16	10	20	23.31	35.57	24.27	8.19	8
6707	58	1.18	1230	1860	3000	21.40	16	10	25	23.31	35.57	24.27	8.01	8
0707	56	1.18	1230	1860	3000	21.40	16	10	30	23.31	35.57	24.27	7.83	8
6707	58	1.18	1230	1860	3000	21.40	16	10	35	21.52	35.60	24.81	7.66	8
8707	58	1.11	1230	1860	3000	21.40	16	10	40	20.31	35.50	25.20	7.51	8
6707	58	1.10	1230	1860	3000	21.40	16	10	45	18.44	35.75	26.73	7.39	8
0707	50	1.10	1230	1060	3000	21.40	16	10	50	17.54	35.75	26.96	7.26	8
8707	58	1.16	1230	1860	3000	21.40	16	10	55	16.98	35.72	26.07	7.18	8
0707	58	1.18	1230	1860	3000	21.40	16	10	60	15.93	35.63	26.25	7.09	8
6707	58	1.18	1230	1860	3000	21.40	16	10	65	15.62	35.61	26.30	7.00	8
6707	58	1.16	1230	1860	3000	21.40	16	10	70	15.13	35.56	26.38	6.92	8
6707	56	1.16	1230	1860	3000	21.40	16	10	75	14.91	35.54	26.41	6.84	8
0707	56	1.18	1230	1060	3000	21.40	16	10	80	14.77	35.53	26.43	6.76	8
0707	50	1.10	1230	1060	3000	21.40	16	10	85	14.53	35.50	26.46	6.68	8
0707	58	1.10	1230	1860	3000	21.40	16	10	90	14.34	35.49	26.49	6.60	8
6707	58	1.18	1230	1860	3000	21.40	16	10	95	14.30	35.48	26.49	6.53	8
0707	58	1.18	1230	1860	3000	21.40	16	10	100	14.17	35.46	26.51	6.45	8
8707	58	1.10	1230	1860	3000	21.40	16	10	110	13.79	35.42	26.56	6.30	8
0707	58	1.10	1230	1860	3000	21.40	16	10	120	13.64	35.40	26.57	6.16	8
8707	58	1.16	1230	1060	3000	21.40	16	10	130	13.45	35.30	26.59	6.01	8
6707	58	1.10	1230	1060	3000	21.40	16	10	140	13.24	35.34	26.62	5.07	8
8707	58	1.16	1230	1060	3000	21.40	16	10	150	13.08	35.34	26.64	5.73	8
8707	58	1.16	1230	1860	3000	21.40	16	10	160	12.99	35.33	26.65	5.59	8
8707	58	1.18	1230	1060	3000	21.40	16	10	170	12.90	35.32	26.66	5.46	8
0707	58	1.18	1230	1860	3000	21.40	16	10	180	12.76	35.32	26.68	5.32	8
8707	58	1.16	1230	1860	3000	21.40	16	10	190	12.64	35.30	26.70	6.19	8
0707	58	1.16	1230	1860	3000	21.40	16	10	200	12.51	35.29	26.71	5.06	8
a707	58	1.16	1230	1860	3000	21.40	16	10	210	12.39	35.27	26.72	4.92	8
0707	58	1.18	1230	1860	3000	21.40	16	10	220	12.23	35.25	26.73	4.79	8
8707	58	1.16	1230	1860	3000	21.40	16	10	230	12.15	35.24	26.76	4.67	8
0707	5.3	1.16	1230	1860	3000	21.40	16	10	240	12.03	35.23	24.76	4.56	8
0707	50	1.10	1230	1860	3000	21.40	16	10	250	11.90	35.25	26.70	4.41	8
0707	58	1.10	1230	1860	3000	21.40	16	10	260	11.94	35.25	26.79	4.29	8
0707	5.3	1.10	1230	1860	3000	21.40	16	10	270	11.91	35.26	26.80	4.16	8
6707	58	1.10	1230	1860	3000	21.40	16	10	280	11.62	35.26	26.82	4.04	8
6707	58	1.10	1230	1860	3000	21.40	16	10	290	11.69	35.25	26.84	3.92	0
0707	58	1.16	1230	1860	3000	21.40	16	10	300	11.58	35.24	26.85	3.80	8
0707	58	1.16	1230	1860	3000	21.40	16	10	310	11.55	35.25	26.87	3.68	0
6707	58	1.18	1230	1860	3000	21.40	16	10	320	11.55	35.26	26.88	3.57	0
0707	58	1.18	1230	1860	3000	21.40	16	10	330	11.50	35.27	26.89	3.45	0
0707	58	1.16	1230	1860	3000	21.40	16	10	340	11.44	35.27	26.90	3.34	a
0707	58	1.16	1230	1860	3000	21.40	16	10	350	11.35	35.27	26.92	3.23	6
0707	58	1.10	1230	1860	3000	21.40	16	10	360	11.25	35.26	26.93	3.11	0
6707	58	1.18	1230	1860	3000	21.40	16	10	370	11.17	35.26	26.94	3.00	6
6707	50	1.16	1230	1860	3000	21.40	16	10	380	11.09	35.26	26.96	2.89	a
8707	58	1.18	1230	1860	3000	21.40	16	10	390	11.03	35.26	26.97	2.79	6
0707	5.3	1.18	1230	1860	3000	21.40	16	10	400	10.97	35.26	26.98	2.60	0
8707	58	1.18	1230	1860	3000	21.40	16	10	410	10.92	35.27	27.00	2.50	8
0707	50	1.18	1230	1860	3000	21.40	16	10	420	10.79	35.26	27.01	2.47	8
0707	58	1.18	1230	1860	3000	21.40	16	10	430	10.78	35.27	27.02	2.37	8
6707	58	1.18	1230	1860	3000	21.40	16	10	440	10.66	35.26	27.04	2.27	a
0707	58	1.18	1230	1860	3000	21.40	16	10	450	10.55	35.24	27.04	2.17	8
0707	58	1.10	1230	1860	3000	21.40	16	10	460	10.44	35.24	27.06	2.07	8
6707	58	1.18	1230	1860	3000	21.40	16	10	470	10.20	35.21	27.07	1.97	8
6707	58	1.16	1230	1860	3000	21.40	16	10	480	10.12	36.20	27.08	1.87	8
8707	58	1.18	1230	1860	3000	21.40	16	10	490	9.97	35.18	27.10	1.78	8
0707	5.3	1.16	1230	1860	3000	21.40	16	10	500	9.01	35.17	27.11	1.68	8

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales
8707	58	1.18	1230	1860	3000	21.40	16	10	520	9.50	35.13	27.13	1.50	8
8707	58	1.18	1230	1860	3000	21.40	16	10	540	9.22	35.10	27.15	1.32	8
8707	58	1.18	1230	1860	3000	21.40	16	10	560	8.80	35.04	27.18	1.14	8
8707	58	1.18	1230	1860	3000	21.40	16	10	580	8.49	35.00	27.20	0.97	8
0707	58	1.18	1230	1860	3000	21.40	16	10	600	8.27	34.98	27.21	0.80	8
8707	58	1.18	1230	1860	3000	21.40	16	10	620	8.07	34.96	27.23	0.63	8
8707	58	1.18	1230	1860	3000	21.40	16	10	640	7.87	34.94	27.25	0.47	8
8707	58	1.18	1230	1860	3000	21.40	16	10	660	7.53	34.90	27.26	0.31	8
8707	58	1.18	1230	18.50	3000	21.40	16	10	680	7.22	34.84	27.28	0.15	8
8707	58	1.18	1230	1860	3000	21.40	16	10	700	7.05	34.85	27.29	0.00	8
8707	59	4.58	1230	1830	3000	21.00	22	10	0	22.20	35.75	24.73	8.84	8
8707	59	4.58	1230	1830	3000	21.00	22	10	5	22.20	35.74	24.73	8.68	8
8707	59	4.58	1230	1830	3000	21.00	22	10	10	22.20	35.74	24.73	8.52	8
8707	59	4.58	1230	1830	3000	21.00	22	10	15	22.20	35.74	24.72	8.36	8
8707	59	4.58	1230	1830	3000	21.00	22	10	20	22.20	35.74	24.72	8.20	8
8707	59	4.65	1230	1830	3000	21.00	22	10	25	22.19	35.73	24.72	8.04	8
8707	59	4.58	1230	1830	3000	21.00	22	10	30	21.52	35.71	24.89	7.88	8
8707	59	4.58	1230	1830	3000	21.00	22	10	35	19.89	35.70	25.33	7.74	8
8707	59	4.58	1230	1830	3000	21.00	22	10	40	19.31	35.72	25.49	7.61	8
8707	59	4.58	1230	1830	3000	21.00	22	10	45	18.70	35.71	25.64	7.49	8
8707	59	4.58	1230	1830	3000	21.00	22	10	50	17.85	35.70	25.84	7.38	8
8707	59	4.58	1230	1830	3000	21.00	22	10	55	17.14	35.67	26.00	7.28	8
8707	59	4.58	1230	1830	3000	21.00	22	10	60	16.80	35.66	26.07	7.18	8
8707	59	4.55	1230	1830	3000	21.00	22	10	65	16.43	35.64	26.14	7.05	8
8707	59	4.58	1230	1830	3000	21.00	22	10	70	16.01	35.62	26.22	6.99	8
8707	59	4.58	1230	1830	3000	21.00	22	10	75	15.77	35.61	26.27	6.90	8
8707	59	4.58	1230	1830	3000	21.00	22	10	80	15.58	35.60	26.30	6.82	8
8707	59	4.58	1230	1830	3000	21.00	22	10	85	15.36	35.58	26.34	6.73	8
8707	59	4.53	1230	1830	3000	21.00	22	10	90	15.08	35.55	26.37	6.65	8
8707	59	4.58	1230	1830	3000	21.00	22	10	95	14.87	35.53	26.41	6.57	8
8707	59	4.55	1230	1830	3000	21.00	22	10	100	14.68	35.51	26.44	6.49	8
8707	59	4.58	1230	1830	3000	21.00	22	10	110	14.32	35.47	26.49	6.34	8
8707	59	4.58	1230	1830	3000	21.00	22	10	120	14.07	35.44	26.51	6.18	8
8707	59	4.58	1230	1830	3000	21.00	22	10	130	13.82	35.42	26.55	6.03	8
8707	59	4.58	1230	1830	3000	21.00	22	10	140	13.70	35.41	26.66	5.89	8
8707	59	4.68	1230	1830	3000	21.00	22	10	150	13.55	35.39	26.58	5.74	8
8707	59	4.58	1230	1830	3000	21.00	22	10	160	13.34	35.36	26.60	5.60	8
8707	59	4.58	1230	1830	3000	21.00	22	10	170	13.22	35.35	26.62	5.46	8
8707	59	4.58	1230	1830	3000	21.00	22	10	180	13.07	35.34	26.64	5.32	8
8707	59	4.68	1230	1830	3000	21.00	22	10	190	12.90	35.31	26.66	5.18	8
8707	59	4.58	1230	1830	3000	21.00	22	10	200	12.74	35.29	26.67	5.04	8
8707	59	4.58	1230	1830	3000	21.00	22	10	210	12.63	35.28	26.68	4.91	8
8707	59	4.58	1230	1830	3000	21.00	22	10	220	12.46	35.27	26.70	4.78	8
8707	59	4.58	1230	1830	3000	21.00	22	10	230	12.31	35.25	26.72	4.65	8
8707	59	4.68	1230	1830	3000	21.00	22	10	240	12.20	35.25	26.74	4.52	8
8707	59	4.55	1230	1830	3000	21.00	22	10	250	12.18	35.26	26.75	4.39	8
8707	59	4.58	1230	1830	3000	21.00	22	10	260	11.03	35.25	26.77	4.26	8
8707	59	4.58	1230	1830	3000	21.00	22	10	270	11.79	35.22	26.79	4.14	8
8707	59	4.55	1230	1830	3000	21.00	22	10	280	11.91	35.26	26.81	4.01	8
8707	59	4.58	1230	1830	3000	21.00	22	10	290	11.80	35.25	26.82	3.89	8
8707	59	4.58	1230	1830	3000	21.00	22	10	300	11.70	35.25	26.84	3.77	8
8707	59	4.53	1230	1830	3000	21.00	22	10	310	11.93	35.33	26.86	3.65	8
8707	59	4.58	1230	1830	3000	21.00	22	10	320	11.85	35.33	26.87	3.53	8
8707	59	4.58	1230	1830	3000	21.00	22	10	330	11.63	35.30	26.89	3.42	8
8707	59	4.68	1230	1830	3000	21.00	22	10	340	11.47	35.27	26.90	3.30	8
6707	59	4.58	1230	1830	3000	21.00	22	10	350	11.39	35.27	26.91	3.19	8
8707	59	4.58	1230	1830	3000	21.00	22	10	360	11.45	35.30	26.93	3.08	8
8707	59	4.55	1230	1830	3000	21.00	22	10	370	11.46	35.32	26.94	2.97	8
8707	59	4.58	1230	1830	3000	21.00	22	10	380	11.48	35.34	26.95	2.86	8
8707	59	4.58	1230	1830	3000	21.00	22	10	390	11.32	35.32	26.96	2.75	8
8707	59	4.58	1230	1830	3000	21.00	22	10	400	11.17	35.31	26.98	2.64	8
8707	59	4.58	1230	1830	3000	21.00	22	10	410	10.94	35.28	27.00	2.54	8
8707	59	4.58	1230	1830	3000	21.00	22	10	420	10.77	35.27	27.02	2.43	8
8707	59	4.58	1230	1830	3000	21.00	22	10	430	10.58	35.24	27.04	2.33	8
8707	59	4.55	1230	1830	3000	21.00	22	10	440	10.43	35.23	27.05	2.23	8
8707	59	4.58	1230	1830	3000	21.00	22	10	450	10.24	35.21	27.07	2.13	8
8707	59	4.58	1230	1830	3000	21.00	22	10	460	10.12	35.20	27.08	2.04	8
8707	59	4.58	1230	1830	3000	21.00	22	10	470	10.00	35.19	27.09	1.94	8
8707	59	4.58	1230	1830	3000	21.00	22	10	480	9.83	35.16	27.11	1.85	8
8707	59	4.58	1230	1830	3000	21.00	22	10	490	9.69	35.15	27.12	1.75	8
8707	59	1.58	1230	1830	3000	21.00	22	10	500	9.52	35.13	27.13	1.66	8
8707	59	4.58	1230	1830	3000	21.00	22	10	520	9.33	35.11	27.15	1.48	8
8707	59	4.58	1230	1830	3000	21.00	22	10	540	9.26	35.12	27.17	1.30	8
8707	59	4.58	1230	1830	3000	21.00	22	10	560	9.00	35.09	27.19	1.13	8
8707	59	4.58	1230	1830	3000	21.00	22	10	580	8.70	35.05	27.21	0.96	8
8707	59	4.58	1230	1830	3000	21.00	22	10	600	8.45	35.03	27.22	0.79	8
8707	59	4.58	1230	1830	3000	21.00	22	10	620	8.18	34.99	27.24	0.62	8
8707	59	4.58	1230	1830	3000	21.00	22	10	640	7.84	34.95	27.25	0.46	8
8707	59	4.58	1230	1830	3000	21.00	22	10	660	7.62	34.93	27.27	0.30	8
8707	59	4.58	1230	1830	3000	21.00	22	10	680	7.40	34.91	27.29	0.15	8

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sgm	hdyn	radiales
8707	59	A.58	1230	1830	3000	21.W	22	10	7 0 0	7.23	34.89	27.30	0.00	8
8707	60	8.53	1230	1759	2000	20.50	18	20	0	20.69	35.45	25.07	8.51	8
8707	60	8.50	1230	1759	2000	20.50	18	20	5	20.69	35.62	25.05	8.37	8
8707	60	8.50	1230	1759	2000	20.50	18	20	10	20.68	35.63	25.06	8.22	8
8707	60	8.58	1230	1759	2000	20.50	18	20	15	20.67	35.64	25.07	8.00	8
0707	60	8.50	1230	1759	2000	20.50	18	20	m	19.63	35.73	25.41	7.94	8
8707	60	8.58	1230	1759	2000	20.50	18	20	25	18.39	35.74	25.74	7.82	8
8707	60	8.50	1230	1759	2000	20.50	18	20	30	17.53	35.71	25.93	7.72	8
8707	60	8.58	1230	1759	2000	20.50	18	20	35	16.88	35.68	26.06	7.62	8
8707	60	8.50	1230	1759	2000	20.50	18	20	40	16.55	35.45	26.12	7.52	8
8707	60	8.58	1230	1759	2000	20.50	18	20	45	16.27	35.63	26.17	7.43	8
8707	60	8.58	1230	1759	2000	20.50	18	20	50	16.01	35.61	26.21	7.34	8
8707	60	8.50	1230	1759	2000	20.50	18	20	55	15.78	35.59	26.25	7.25	8
8707	60	8.58	1230	1759	2000	20.50	18	20	60	15.57	35.58	26.29	7.16	8
8707	60	8.58	1230	1759	2000	20.50	18	20	65	15.50	35.53	26.30	7.08	8
8707	60	8.50	1230	1759	2000	20.50	18	20	70	15.35	35.57	24.33	6.99	8
6707	60	8.58	1230	1759	2000	20.50	18	20	75	15.19	35.56	24.36	6.91	8
8707	60	8.58	1230	1759	2000	20.50	18	20	80	15.01	35.54	26.39	6.03	8
8707	60	a.50	1230	1759	2000	20.50	18	20	85	14.83	35.53	26.41	6.75	8
8707	60	8.58	1230	1759	2000	m.54	18	20	90	14.70	35.52	26.44	6.67	8
8707	60	8.58	1230	1759	2000	20.50	18	20	95	14.59	35.51	26.46	6.59	8
8707	60	8.58	1230	1759	2000	20.50	18	20	100	14.47	35.51	26.48	6.51	8
8707	60	8.58	1230	1759	2000	20.50	18	20	110	14.15	35.48	26.52	6.36	8
8707	60	8.58	1230	1759	2000	20.50	18	20	120	13.92	35.45	26.55	6.21	8
8707	60	8.58	1230	1759	2000	20.50	18	20	130	13.79	35.44	26.57	6.06	8
8707	60	8.58	1230	1759	2000	20.50	18	20	140	13.62	35.41	26.58	5.92	8
8707	60	8.58	1230	1759	2000	20.50	18	20	150	13.36	35.37	26.61	5.70	8
0707	60	8.58	1230	1759	2000	20.50	18	20	160	13.23	35.36	26.63	5.64	8
0707	60	8.58	1230	1759	2000	20.50	18	20	170	13.10	35.35	26.64	5.50	8
8707	60	8.58	1230	1759	2000	20.50	18	20	180	13.01	35.35	26.66	5.36	8
8707	60	8.58	1230	1759	2000	20.50	18	20	190	12.96	35.35	26.67	5.22	8
8707	60	8.58	1230	1759	2000	20.50	18	20	200	12.95	35.37	26.68	5.09	8
8707	60	8.58	1230	1759	2000	20.50	18	20	210	13.02	35.40	26.70	A.95	8
8707	60	8.58	1230	1759	2000	20.50	18	20	220	12.92	35.39	26.71	A.82	8
8707	60	8.58	1230	1759	2004	20.50	18	20	230	12.74	35.38	26.73	A.69	8
8707	60	8.58	1230	1759	2000	20.50	18	20	240	12.63	35.37	26.75	4.56	8
8707	60	8.58	1230	1759	2000	20.50	18	20	250	12.38	35.33	26.77	4.44	8
8707	60	8.58	1230	1759	2000	20.50	18	20	260	12.30	35.33	26.79	4.31	8
8707	60	8.58	1230	1759	2000	20.50	18	20	270	12.25	35.34	26.80	4.19	8
8707	60	8.58	1230	1759	2000	20.50	18	20	280	12.07	35.32	26.82	4.06	8
8707	60	8.58	1230	1759	2000	20.50	18	20	290	11.83	35.28	26.83	3.94	8
8707	60	8.58	1230	1759	2000	20.50	18	20	300	11.80	35.28	26.85	3.02	8
8707	60	8.58	1230	1759	2000	20.50	18	20	310	11.67	35.27	26.86	3.71	8
8707	60	8.58	1230	1759	2000	20.50	18	20	320	11.54	35.27	26.88	3.59	8
8707	60	8.58	1230	1759	2000	20.50	18	20	330	11.47	35.27	26.90	3.48	a
0707	60	8.58	1230	1759	2000	20.50	18	20	340	11.41	35.28	26.91	3.36	8
8707	60	8.58	1230	1759	2000	20.50	18	20	350	11.31	35.27	26.93	3.25	8
6707	60	8.58	1230	1759	2000	20.50	18	m	360	11.21	35.26	26.94	3.14	8
8707	60	8.58	1230	1759	2000	20.50	18	20	370	11.04	35.23	26.95	3.03	8
0707	60	8.58	1230	1759	2000	20.50	18	20	380	10.97	35.22	26.95	2.92	8
8707	60	8.58	1230	1759	2000	20.50	18	20	390	10.90	35.22	24.96	2.81	8
8707	60	8.58	1230	1759	2000	20.50	18	m	400	10.84	35.22	26.97	2.70	8
8707	60	8.58	1230	1759	2000	20.50	18	20	410	10.87	35.24	26.99	2.60	8
8707	60	8.58	1230	1759	2000	20.50	18	20	420	10.71	35.22	27.W	2.49	8
8707	60	a.58	1230	1759	2000	20.50	18	20	430	10.71	35.24	27.01	2.39	8
0707	60	a.5.3	1230	1759	2000	20.50	18	20	AA0	10.66	35.24	27.02	2.29	8
6707	60	8.58	1230	1759	2000	20.50	18	20	450	10.54	35.23	27.04	2.18	8
6707	60	8.58	1230	1759	2000	20.50	18	20	460	10.34	35.22	27.06	2.08	8
8707	60	8.58	1230	1759	2000	20.50	18	m	470	10.25	35.21	27.07	1.99	a
8707	60	8.58	1230	1759	2000	20.50	18	20	480	10.13	35.19	27.08	1.09	8
8707	60	8.58	1230	1759	2000	20.50	18	m	490	9.99	35.18	27.09	1.79	8
8707	60	8.58	1230	1759	2000	20.50	18	20	500	9.85	35.16	27.10	1.70	8
8707	60	8.58	1230	1759	mw	20.50	18	20	520	9.55	35.13	27.12	1.51	8
8707	60	8.58	1230	1759	2000	20.50	18	20	M O	9.31	35.10	27.14	1.33	8
8707	60	8.58	1230	1759	2000	20.50	18	20	560	9.10	35.08	27.16	1.15	a
8707	60	8.58	1230	1759	2000	20.50	18	20	580	a.72	35.03	27.19	0.97	8
8707	60	8.50	1230	1759	2000	20.50	18	20	600	8.45	35.w	27.21	0.80	8
a707	60	8.58	1230	1759	2000	20.50	18	20	620	a.24	34.99	27.23	0.63	8
6707	60	6.50	1230	1759	2000	20.50	18	20	M O	8.14	34.99	27.24	0.47	8
8707	60	8.54	1230	1759	2000	20.50	18	20	660	7.97	34.98	27.26	0.31	8
8707	60	8.58	1230	1759	2000	20.50	18	20	680	7.71	34.95	27.27	0.15	8
8707	60	8.59	1230	1759	2000	20.50	18	20	700	7.57	34.94	27.29	0.00	8
8707	61	11.39	1230	1747	1000	20.10	20	20	0	19.72	35.61	25.30	8.46	8
8707	61	11.39	1230	1747	1000	20.10	20	20	5	19.69	35.61	25.30	8.33	8
8707	61	11.39	1230	1747	1000	20.10	20	20	10	19.67	35.61	25.31	8.20	8
8707	61	11.39	1230	1747	1000	20.10	20	20	15	19.60	35.61	25.33	a.07	8
8707	61	11.39	1230	1747	1000	20.10	20	20	20	19.47	35.42	25.37	7.94	8
8707	61	11.39	1230	1747	1000	20.10	20	20	25	18.69	35.67	25.61	7.81	8
8707	61	11.39	1230	1747	1000	20.10	20	20	30	17.74	35.70	25.87	7.70	8
8707	61	11.39	1230	1747	1000	20.10	m	m	35	17.26	35.68	25.97	7.60	8

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	tomp	salinité	sigm	hdyn	radioles
8707	61	11.39	1230	1747	1000	20.10	20	20	40	16.85	35.65	26.05	7.50	a
8707	61	11.39	1230	1747	1000	20.10	20	20	45	16.45	35.63	26.12	7.40	a
0707	61	11.39	1230	1747	1000	20.10	m	20	50	16.03	35.61	26.21	7.31	a
a707	61	11.39	1230	1747	1000	20.10	20	20	55	15.74	35.60	26.26	7.22	a
8707	61	11.39	1230	1747	1000	20.10	20	20	60	15.45	35.57	26.31	7.14	8
8707	61	11.39	1230	1747	1000	20.10	20	20	65	15.31	35.54	26.33	7.05	a
8707	61	11.39	1230	1747	1000	20.10	20	20	70	15.23	35.55	26.35	6.97	a
8707	61	11.39	1230	1747	1000	20.10	20	20	75	15.04	35.54	26.38	6.89	a
8707	61	11.39	1230	1747	1000	20.10	20	20	80	14.92	35.53	26.40	6.80	a
8707	61	11.39	1230	1747	1000	20.10	20	20	a5	14.78	35.52	26.42	6.72	a
8707	61	11.39	1230	1747	1000	20.10	20	20	90	14.61	35.49	26.44	6.64	a
8707	61	11.39	1230	1747	1000	20.10	20	m	95	14.47	35.48	26.46	6.57	a
8707	61	11.39	1230	1747	1000	20.10	20	20	100	14.38	35.47	26.47	6.49	a
8707	61	11.39	1230	1747	1000	20.10	20	20	110	14.21	35.45	26.49	6.33	a
8707	61	11.39	1230	1747	1000	20.10	20	20	120	13.98	35.43	26.52	6.18	a
8707	61	11.39	1230	1747	1000	20.10	20	20	130	13.80	35.41	26.54	6.03	a
0707	61	11.39	1230	1747	1000	20.10	20	m	140	13.61	35.39	26.57	5.89	a
8707	61	11.39	1230	1747	1000	20.10	20	20	150	13.50	35.38	26.58	5.74	a
8707	61	11.39	1230	1747	1000	20.10	20	20	160	13.30	35.36	26.60	5.60	a
8707	61	11.39	1230	1747	1000	20.10	20	20	170	13.14	35.34	26.63	5.46	a
8707	61	11.39	1230	1747	1000	20.10	20	20	180	12.83	35.30	26.66	5.32	a
8707	61	11.39	1230	1747	1000	20.10	20	20	190	12.62	35.28	26.69	5.19	a
8707	61	11.39	1230	1747	1000	20.10	20	20	2 W	12.45	35.26	26.70	5.05	a
6707	61	11.39	1230	1747	1000	20.10	20	20	210	12.34	35.25	26.72	4.92	a
8707	61	11.39	1230	1747	1000	20.10	20	20	220	12.17	35.24	26.74	4.79	a
8707	61	11.39	1230	1747	1000	20.10	20	20	230	12.10	35.23	26.75	4.66	a
8707	61	11.39	1230	1747	1000	20.10	20	20	240	12.03	35.22	26.75	4.53	a
8707	61	11.39	1230	1747	1000	20.10	20	20	250	11.98	35.22	26.76	4.41	a
8707	61	11.39	1230	1747	1000	20.10	20	20	260	11.94	35.22	26.77	4.28	a
a707	61	11.39	1230	1747	1000	20.10	20	20	270	11.87	35.22	26.76	4.15	a
8707	61	11.39	1230	1747	1000	20.10	20	20	280	11.79	35.21	26.79	4.03	a
0707	61	11.39	1230	1747	1000	20.10	20	20	290	11.71	35.21	26.80	3.90	a
8707	61	11.39	1230	1747	1000	20.10	20	20	300	11.53	35.19	26.82	3.78	a
8707	61	11.39	1230	1747	1000	20.10	20	20	310	11.49	35.19	26.83	3.66	a
6707	61	11.39	1230	1747	1000	20.10	20	20	320	11.36	35.18	26.85	3.54	a
6707	61	11.39	1230	1747	1000	20.10	20	20	330	11.23	35.17	26.67	3.42	a
0707	61	11.39	1230	1747	1000	20.10	20	20	340	11.21	35.19	26.89	3.31	a
8707	61	11.39	1230	1747	1000	20.10	20	20	350	11.20	35.21	26.90	3.19	a
a707	61	11.39	1230	1747	1000	20.10	20	m	360	11.12	35.22	26.92	3.08	a
0707	61	11.39	1230	1747	1000	20.10	20	m	370	11.06	35.22	26.93	2.97	8
8707	61	11.39	1230	1747	1000	20.10	20	m	380	11. W	35.22	26.95	2.86	8
8707	61	11.39	1230	1747	1000	20.10	20	20	390	10.90	35.22	26.96	2.75	a
6707	61	11.39	1230	1747	1000	20.10	20	20	400	10.75	35.20	26.97	2.64	a
6707	61	11.39	1230	1747	1000	20.10	20	m	410	10.77	35.23	27.00	2.64	a
8707	61	11.39	1230	1747	1000	20.10	20	20	420	10.67	35.22	27. W	2.43	a
8707	61	11.39	1230	1747	1000	20.10	20	20	430	10.64	35.23	27.01	2.33	a
8707	61	11.39	1230	1747	1000	20.10	20	m	440	10.54	35.23	27.03	2.23	a
8707	61	11.39	1230	1747	1000	20.10	20	m	450	10.38	35.21	27.05	2.13	a
8707	61	11.39	1230	1747	1000	20.10	20	20	460	10.21	35. m	27.07	2.03	a
8707	61	11.39	1230	1747	1000	20.10	20	20	470	10.04	35.18	27.09	1.93	a
8707	61	11.39	1230	1747	1000	20.10	20	20	480	9.81	35.16	27.11	1.84	a
6707	61	11.39	1230	1747	1000	20.10	20	m	490	9.71	35.15	27.12	1.74	a
8707	61	11.39	1230	1747	1000	20.10	20	m	500	9.52	35.12	27.13	1.65	a
8707	61	11.39	1230	1747	1000	20.10	20	m	520	9.14	35.08	27.16	1.47	8
a707	61	11.39	1230	1747	1000	20.10	m	20	540	a.94	35.06	27.17	1.29	a
8707	61	11.39	1230	1747	1000	20.10	20	20	560	a.71	35.03	27.19	1.12	a
6707	61	11.39	1230	1747	1000	20.10	m	20	580	a.41	35.00	27.21	0.95	a
8707	61	11.39	1230	1747	1000	20.10	20	m	600	8.14	34.97	27.23	0.78	a
8707	61	11.39	1230	1747	1000	20.10	20	20	620	7.82	34.94	27.25	0.62	a
8707	61	11.39	1230	1747	1000	20.10	20	20	640	7.40	34.89	27.27	0.46	a
8707	61	11.39	1230	1747	1000	20.10	20	20	660	7.29	34.88	27.28	0.30	8
8707	61	14.31	1229	1736	1000	20.10	20	20	680	7.20	34.88	27.29	0.15	a
8707	61	14.31	1229	1736	1000	20.10	20	20	700	6.94	34.85	27.31	0.00	a
8707	62	14.31	1229	1736	480	20.80	17	10	0	18.73	35.58	25.53	6.52	a
8707	62	14.31	1229	1736	480	20.80	17	10	5	18.69	35.58	25.54	6.40	a
8707	62	14.31	1229	1736	480	20.80	17	10	10	18.64	35.59	25.56	6.28	a
8707	62	14.31	1229	1734	480	20.80	17	10	15	18.56	35.59	25.58	6.16	a
8707	62	14.31	1229	1736	480	20.80	17	10	20	18.45	35.59	25.61	6.04	a
8707	62	14.31	1229	1736	480	20.80	17	10	25	18.16	35.60	25.69	5.93	a
8707	62	14.31	1229	1736	480	20.80	17	10	30	17.66	35.60	25.81	5.81	a
8707	62	14.31	1229	1736	480	20.80	17	10	35	17.65	35.60	25.82	5.71	a
8707	62	14.31	1229	1736	480	20.80	17	10	40	16.96	35.59	25.97	5.60	a
8707	62	14.31	1229	1736	480	20.80	17	10	45	16.44	35.57	26.08	5.50	a
8707	62	14.31	1229	1736	480	20.80	17	10	50	16.19	35.56	26.14	5.41	a
8707	62	14.31	1229	1736	480	20.80	17	10	55	16.03	35.56	26.17	5.32	a
8707	62	14.31	1229	1736	480	20.80	17	10	60	15.92	35.55	26.19	5.23	a
8707	62	14.31	1229	1736	480	20.80	17	10	65	15.70	35.55	26.24	5.14	a
8707	62	14.31	1229	1736	480	20.80	17	10	70	15.52	35.56	26.28	5.05	a
8707	62	14.31	1229	1736	480	20.80	17	10	75	15.29	35.54	26.32	4.96	a
8707	62	14.31	1229	1736	480	20.80	17	10	80	15.13	35.54	26.35	4.88	8

campagne	stations	heure	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinité	sgm	hdyn	radiales
8707	62	14.31	1229	1736	480	20.80	17	10	85	14.99	35.52	26.30	4.80	8
8707	62	14.31	1229	1736	480	20.80	17	10	90	14.83		26.40	4.72	8
0707	62	14.31	1229	1736	480	20.80	17	10	95	14.78	35.51	26.41	4.64	8
8707	62	14.31	1229	1736	4.30	20.80	17	10	100	14.74	35.51	26.42	4.56	8
8707	62	14.31	1229	1736	480	20.80	17	10	110	14.46	35.47	26.46	4.40	8
8707	62	14.31	1229	1736	480	20.80	17	10	120	14.15	35.44	26.50	4.24	8
0707	62	14.31	1229	1736	480	20.80	17	10	130	13.96	35.42	26.52	4.09	8
6707	62	14.31	1229	1736	480	20.80	17	10	140	13.90	35.42	26.53	3.94	8
6707	62	14.31	1229	1736	480	20.80	17	10	150	13.55	35.41	26.53	3.80	8
8707	62	14.31	1229	1736	480	20.80	17	10	160	13.75	35.40	26.54	3.65	8
5707	62	14.31	1229	1736	480	20.80	17	10	170	13.69	35.40	26.56	3.50	8
5707	62	14.31	1229	1736	480	20.80	17	10	180	13.50	35.38	26.58	3.36	8
8707	62	14.31	1229	1736	480	20.80	17	10	190	13.40	35.37	26.60	3.21	8
8707	62	14.31	1229	1736	480	20.80	17	10	200	13.34	35.36	26.60	3.07	8
8707	62	14.31	1229	1736	480	20.80	17	10	210	13.31	35.36	26.61	2.93	8
8707	62	14.31	1229	1736	480	20.80	17	10	220	13.18	35.34	26.62	2.79	8
8707	62	14.31	1229	1736	480	20.50	17	10	230	12.96	35.32	26.65	2.66	8
8707	62	14.31	1229	1736	480	20.80	17	10	240	12.68	35.32	26.66	2.51	8
8707	62	14.31	1229	1736	480	20.80	17	10	250	12.81	35.31	26.67	2.37	8
8707	62	14.31	1229	1736	480	20.80	17	10	260	12.80	35.31	26.67	2.24	8
8707	62	14.31	1229	1736	450	20.80	17	10	270	12.77	35.30	26.67	2.10	8
8707	62	14.31	1229	1736	480	20.80	17	10	280	12.71	35.29	26.60	1.97	8
8707	62	14.31	1229	1736	480	20.60	17	10	290	12.49	35.27	26.70	1.83	8
0707	62	14.31	1229	1736	480	20.80	17	10	300	12.20	35.24	26.73	1.70	8
6707	62	14.31	1229	1736	480	20.80	17	10	310	12.09	35.23	26.75	1.57	8
8707	62	14.31	1229	1736	480	20.80	17	10	320	12.05	35.24	26.76	1.45	8
8707	62	14.31	1229	1736	480	20.60	17	10	330	11.92	35.25	26.79	1.32	8
8707	62	14.31	1229	1736	480	20.60	17	10	340	11.66	35.24	26.84	1.20	8
8707	62	14.31	1229	1736	4.30	20.80	17	10	350	11.52	35.24	26.86	1.08	8
0707	62	14.31	1229	1736	480	20.80	17	10	360	11.44	35.24	26.80	0.96	8
6707	62	14.31	1229	1736	480	20.80	17	10	370	11.34	35.24	26.59	0.85	8
8707	62	14.31	1229	1736	480	20.80	17	10	380	11.27	35.24	26.91	0.74	8
8707	62	14.31	1229	1736	480	20.80	17	10	390	11.20	35.23	26.92	0.62	8
8707	62	14.31	1229	1736	480	20.80	17	10	400	11.05	35.22	26.94	0.51	8
8707	62	14.31	1229	1736	480	20.80	17	10	410	10.96	35.21	26.95	0.40	8
8707	62	14.31	1229	1736	480	20.80	17	10	420	10.68	35.19	26.90	0.29	8
8707	62	14.31	1229	1736	480	20.80	17	10	430	10.16	35.15	27.04	0.19	8
6707	62	14.31	1229	1736	480	20.80	17	10	440	9.99	35.14	27.06	0.09	8
8707	62	14.31	1229	1736	480	20.50	17	10	450	9.68	35.10	27.09	0.00	8
8707	63	18.04	1230	1716	19	19.10	15	330	0	17.34	35.57	25.87	0.21	8
a707	63	18.04	1230	1716	19	19.10	15	330	5	17.30	35.56	25.07	0.10	8
8707	63	18.04	1230	1716	19	19.10	15	330	10	17.29	35.57	25.88	0.00	8
8707	64	20.42	1235	1647	10	19.30	20	350	0	19.87	35.58	25.23	0.13	8
8707	64	20.42	1235	1647	10	19.30	20	350	5	19.57	35.58	25.23	0.00	8

CAMPAGNE LOUIS SAUGER 8707

DU 11/03/1987 AU 18/03/1987

DONNEES CHIMIQUES

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Temp	O2	NO3	NO2	PO4	Sio2	CHLT	PHEOP	RAI
1	8707	1	1600	1629	1	0	17.19	2.17	1.60	0.47	0.24	6.00	0.86	0.59	1
2	8707	1	1600	1629	2	8	16.98	1.30	7.81	0.16	1.44	8.00	2.95	2.89	1
3	8707	2	1610	1652	1	0	19.72	5.21	1.40	a40	0.46	1.00	4.47	3.90	1
4	8707	2	1610	1652	2	11	18.25	99.99	17.43	0.62	0.72	2.50	2.35	3.03	1
5	8707	2	1610	1652	3	21	16.89	99.99	22.89	0.97	1.75	3.50	1.03	1.04	1
6	8707	2	1610	1652	4	30	15.83	1.86	23.31	1.20	1.70	4.50	0.50	0.59	1
7	8707	2	1610	1652	5	45	15.10	0.74	26.53	0.19	2.09	5.25	1.56	2.02	1
8	8707	3	1620	1659	1	0	19.48	5.21	4.28	0.18	0.36	4.00	3.10	2.81	1
9	8707	3	1620	1659	2	10	19.09	4.92	5.76	0.59	0.53	4.00	3.05	3.83	1
10	8707	3	1620	1659	3	20	17.27	99.99	15.63	0.71	1.16	5.25	1.77	1.79	1
11	8707	3	1620	1659	4	30	17.04	99.99	18.30	0.72	1.63	5.50	3.65	3.41	1
12	8707	3	1620	1659	5	42	16.52	99.99	19.80	0.50	1.68	4.50	1.68	2.33	1
13	8707	3	1620	1659	6	54	15.26	99.99	24.86	0.15	1.89	4.50	0.54	0.45	1
14	8707	3	1620	1659	7	74	14.83	99.99	25.43	0.41	2.05	4.75	0.36	0.60	1
15	8707	3	1620	1659	8	93	14.36	W.W	26.18	0.28				0.87	1
16	8707	4	1620	1659	1	0	19.35	99.99	2.00	0.36	2.16	5.25	0.89 2.66	2.62	1
17	8707	4	1620	1659	2	2	19.34	5.14	3.94	0.27	0.49	4.00	2.68	2.54	1
18	8707	4	1620	1659	3	5	19.25	4.74	6.40	0.50	0.78	2.50	2.84	2.35	1
19	8707	A	1620	1659	4	10	18.96	99.99	19.63	1177	1.43	2.50	3.56	2.35	1
20	8707	4	1620	1659	5	35	16.61	2.28	22.01	0.21	1.63	-2.75	0.70	1.10	1
21	8707	4	1620	1659	6	55	14.99	1.68	99.99	0.16	1.86	5.00	0.15	0.14	1
22	8707	4	1620	1659	7	77	14.26	1.27	25.58	0.07	1.88	5.50	0.07	0.18	1
23	8707	4	1620	1659	8	120	13.80	99.90	27.00	0.10	1.89	5.50	0.12	0.15	1
24	8707	4	1620	1659	9	160	13.54	1.36	27.00	0.10	1.92	5.50	99.99	99.99	1
25	8707	4	1620	1659	10	210	99.99	1.16	27.14	0.05	1.91	6.25	99.99	99.99	1
26	8707	4	1620	1659	11	259	12.71	99.99	28.35	0.04	1.90	6.50	99.99	99.99	1
27	8707	4	1620	1659	12	361	12.06	99.99	29.91	0.04	2.56	6.75	99.99	99.99	1
28	8707	5	1620	1715	1	0	20.60	4.86	0.73	0.13	0.50	Cl.50	2.57	2.79	1
29	8707	5	1620	1715	2	12	19.61	99.99	2.96	0.16	0.63	1.00	99.99	99.99	1
30	8707	5	1620	1715	3	22	19.13	4.02	5.92	0.29	0.71	1.50	2.25	1.55	1
31	8707	5	1620	1715	4	32	18.02	2.87	15.02	1.19	1.32	2.50	1.23	1.22	1
32	8707	5	1620	1715	5	38	16.79	1.68	22.15	0.65	1.66	3.00	0.17	0.25	1
33	8707	5	1620	1715	6	48	15.82	1.42	24.82	0.13	1.77	3.00	0.14	0.43	1
34	8707	5	1620	1715	7	66	15.17	1.32	27.85	0.09	1.93	4.25	0.20	0.16	1
35	8707	5	1620	1715	8	91	14.15	1.22	25.71	0.08	1.87	5.00	0.22	0.13	1
36	8707	5	1620	1715	9	138	13.34	99.99	27.10	0.04	1.87	5.00	0.49	0.54	1
37	8707	5	1620	1715	10	180	12.89	1.34	24.59	0.08	2.00	5.50	0.47	0.49	1
38	8707	6	1620	1715	11	270	12.08	99.99	30.16	0.04	2.00	6.00	99.99	99.99	1
39	8707	5	1620	1715	12	460	10.55	0.82	33.90	0.02	2.31	6.00	99.99	99.99	1
40	8707	6	1620	1730	1	0	21.38	4.18	0.08	0.04	0.46	1.50	0.61	0.77	1
41	8707	6	1620	1730	2	10	21.58	4.18	0.35	0.10	0.57	2.50	1.37	1.57	1
42	8707	6	1620	1730	3	20	20.46	99.99	0.27	0.11	0.51	3.00	0.68	1.05	1
43	8707	6	1620	1730	4	30	19.65	99.99	3.56	1.47	0.82	4.00	0.31	0.63	1
44	8707	6	1620	1730	5	40	18.63	3.10	5.10	1.19	1.22	4.00	0.13	0.24	1
45	8707	6	1620	1730	6	48	17.91	2.29	5.15	0.10	1.49	4.50	0.06	0.21	1
46	8707	6	1620	1730	7	70	15.98	1.07	5.29	0.09	1.85	4.50	0.11	0.14	1
47	8707	6	1620	1730	8	90	15.06	1.22	5.48	0.08	1.88	5.00	1.07	1.03	1
48	8707	6	1620	1730	9	135	13.84	99.99	5.62	0.10	1.89	5.50	99.99	99.99	1
49	8707	6	1620	1730	10	180	13.03	1.16	6.02	0.07	1.84	7.25	99.99	99.99	1
50	8707	6	1620	1730	11	261	12.06	99.99	7.27	0.09	1.97	7.50	99.99	99.99	1
51	8707	6	1620	1730	12	457	10.57	1.00	13.53	0.06	2.07	8.25	99.99	99.99	1
52	8707	7	1620	1800	1	0	21.95	99.99	1.19	0.04	1.29	1.50	99.99	99.99	1
53	8707	8	1620	1830	1	0	22.27	4.39	0.34	0.02	0.97	2.50	0.31	0.74	1
54	8707	9	1602	1900	1	0	22.34	4.18	0.12	0.01	0.84	2.00	0.21	0.41	1
55	8707	9	1602	1900	2	10	22.21	99.99	99.99	99.99	99.99	99.99	99.99	99.99	1
56	8707	9	1602	1900	3	20	22.21	99.99	0.19	0.00	0.86	2.50	0.26	0.39	1
57	8707	9	1602	1900	4	30	20.75	99.99	0.30	0.06	0.88	2.50	0.42	1.09	1
58	8707	9	1602	1900	5	40	19.88	99.99	0.87	0.20	0.93	3.50	0.61	1.50	1
59	8707	9	1602	1900	6	50	17.71	99.99	7.88	0.36	1.31	4.00	0.40	0.94	1
60	8707	10	1530	1900	1	0	22.77	99.99	0.06	99.99	0.66	1.00	99.99	99.99	2
61	8707	15	1530	1900	2	9	22.77	99.99	0.04	w.w	0.73	1.25	99.99	99.99	2
62	8707	10	1530	1900	3	18	22.36	99.99	0.04	99.99	99.99	3.00	99.99	99.99	2
63	8707	10	1530	1900	4	25	21.30	99.99	0.10	w.w	0.78	2.75	99.99	99.99	2
64	8707	10	1530	1900	5	35	20.93	99.99	0.84	0.15	0.86	3.50	99.99	99.99	2
65	8707	10	1530	1900	6	45	20.53	99.99	1.28	0.15	1.02	3.75	99.99	99.99	2
66	8707	11	1525	1829	1	0	22.63	4.31	0.23	0.23	1.28	1.50	0.20	0.41	2
67	8707	12	1529	1829	1	0	21.98	99.99	2.85	w.w	0.54	2.00	0.20	0.42	2
68	8707	13	1530	1730	1	0	20.28	3.82	4.85	0.07	1.07	2.00	1.58	1.58	2
69	8707	14	1530	1712	1	0	19.55	4.81	7.25	0.16	1.40	1.75	4.31	2.85	2
70	8707	15	1529	1760	1	0	19.34	99.99	5.20	0.24	1.51	1.00	2.09	1.96	2
71	8707	15	1529	1760	2	8	19.29	4.13	6.85	0.23	1.53	1.00	2.11	2.07	2
72	8707	15	1529	1760	3	15	19.07	3.76	8.96	0.29	1.58	1.00	2.29	1.64	2
73	8707	15	1529	1760	4	20	18.78	3.39	11.16	0.35	1.83	1.50	0.99	1.61	2

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Temp	O2	NO3	NO2	PO4	Sio2	CHLT	PHEOP	RAC
74	8707	15	1529	1760	5	30	17.65	3.76	14.11	0.46	2.53	2.00	1.27	1.18	2
75	a707	15	1529	1760	6	38	17.04	2.67	14.61	0.42	2.37	2.25	1.27	0.95	2
76	a707	15	1529	1760	7	45	16.73	2.17	20.60	1.57	2.99	3.25	0.02	0.60	2
77	a707	15	1529	1760	a	60	15.25	99.99	25.84	0.21	3.61	3.00	0.20	0.04	2
78	a707	15	1529	1760	9	100	14.49	1.30	26.59	99.99	3.70	3.50	99.99	99.99	2
79	a707	15	1529	1760	10	130	13.98	0.73	27.05	0.02	3.93	4.75	99.99	99.99	2
a0	a707	16	1530	1658	1	0	19.70	99.99	99.99	0.12	0.34	0.80	2.60	1.86	2
81	a707	16	1530	1658	2	4	19.72	99.99	5.11	0.22	0.42	0.80	2.26	1.93	2
a2	a707	16	1530	1658	3	a	19.39	99.99	5.75	0.29	1.17	1.50	3.64	2.56	2
83	a707	16	1530	1658	4	15	16.98	2.53	18.35	0.74	1.23	1.50	1.43	0.27	2
ad	a707	16	1530	1658	5	20	16.71	99.99	19.57	0.76	1.26	2.25	0.75	0.82	2
85	8707	16	1530	1658	6	35	15.40	99.99	25.50	0.73	1.61	2.50	0.44	0.38	2
a6	8707	16	1530	1658	7	59	15.08	99.99	26.47	0.41	1.68	3.75	0.39	0.30	2
a7	a707	16	1530	1658	a	70	14.68	1.22	27.59	0.57	1.89	4.25	0.45	0.34	-2
88	a707	17	1531	1650	1	0	19.11	99.99	2.37	0.19	0.34	1.00	20.88	14.28	2
a9	a707	17	1531	1650	2	5	19.10	99.99	2.46	0.26	0.38	1.50	19.49	13.48	2
90	a707	17	1531	1650	3	10	18.78	2.13	4.79	0.27	0.85	2.50	1.31	1.71	2
91	a707	17	1531	1650	4	20	16.31	1.99	21.76	1.03	1.55	3.00	0.20	0.18	2
92	a707	17	1531	1650	5	30	15.12	2.00	23.12	1.04	1.57	3.50	0.22	0.24	2
93	a707	17	1531	1650	6	40	16.09	99.99	23.13	1.62	1.61	4.00	0.18	0.12	2
94	a707	18	1530	1643	1	0	16.32	99.99	99.99	0.44	0.78	2.50	2.22	1.76	2
95	a707	1a	1530	1643	2	a	16.17	99.99	27.71	0.48	0.75	3.75	1.28	0.72	2
96	a707	19	1500	1750	1	0	19.06	3.84	16.28	0.46	0.80	1.50	2.89	2.23	3
97	a707	19	1500	1750	2	5	18.38	99.99	24.09	0.50	0.91	2.00	1.59	1.46	3
98	8707	19	1500	1750	3	10	17.35	2.53	25.15	0.59	1.28	3.50	0.29	0.37	3
99	a707	19	1500	1750	4	20	17.15	99.99	32.27	0.65	1.47	4.50	0.54	0.49	3
100	a707	20	1459	1770	1	0	19.38	99.99	1.90	0.36	0.65	1.00	2.83	2.08	3
101	a707	20	1459	1770	2	4	18.83	4.10	7.00	0.41	0.87	1.50	1.39	1.00	3
102	a707	20	1459	1770	3	a	17.71	99.99	14.92	0.61	1.23	2.50	0.54	0.37	3
103	a707	20	1459	1770	4	15	17.09	2.55	16.14	0.54	1.22	2.50	0.18	0.24	3
104	a707	20	1459	1770	5	25	16.13	99.99	16.79	0.68	1.55	2.50	0.16	0.18	3
105	a707	20	1459	1770	6	35	15.56	99.99	22.14	0.83	1.63	4.00	0.16	0.18	3
106	a707	21	1500	1715	1	0	19.63	4.04	6.42	0.39	0.68	2.00	0.75	0.46	3
107	8707	21	1500	1715	2	5	17.40	99.99	11.50	0.56	1.08	2.50	0.41	0.35	3
108	a707	21	1500	1715	3	10	16.95	99.99	19.36	0.47	1.18	3.00	0.23	0.32	3
109	a707	21	1500	1715	4	20	16.27	99.99	20.86	1.10	1.42	3.50	0.15	0.22	3
110	a707	21	1500	1715	5	31	16.04	2.34	22.58	1.62	1.49	3.75	0.16	0.18	3
111	a707	21	1500	1715	6	49	15.43	1.18	23.65	0.07	1.65	4.50	0.11	0.08	3
112	a707	21	1500	1715	7	75	15.12	1.11	25.52	0.14	1.85	4.00	0.11	0.14	3
113	a707	21	1500	1715	8	100	14.84	1.10	34.08	0.14	1.90	5.50	0.09	0.09	3
114	8707	22	1500	1720	1	0	19.30	4.33	5.72	0.28	0.68	0.80	1.18	1.16	3
115	8707	22	1500	1720	2	5	19.00	4.32	12.09	0.26	0.67	0.80	1.23	1.22	3
116	a707	22	1500	1720	3	10	17.71	3.53	14.52	0.31	1.05	1.00	0.34	0.39	3
117	8707	22	1500	1720	4	20	16.67	2.85	16.24	0.91	1.15	1.50	0.24	0.26	3
118	a707	22	1500	1720	5	31	16.04	99.99	17.33	1.11	1.34	2.00	0.19	0.21	3
119	a707	22	1500	1720	6	47	15.35	1.21	20.74	1.15	1.50	2.50	0.22	0.18	3
120	a707	22	1500	1720	7	65	15.15	1.01	22.06	1.17	1.62	3.50	0.23	0.28	3
121	a707	22	1500	1720	8	90	14.87	0.58	22.63	1.61	1.62	3.00	0.32	0.24	3
122	a707	22	1500	1720	9	136	14.67	0.87	23.10	0.99	1.64	3.25	0.29	0.23	3
123	a707	22	1500	1720	10	a2	14.31	1.38	23.53	0.14	1.68	4.75	99.99	99.99	3
124	a707	22	1500	1720	11	271	13.33	1.34	23.62	0.24	1.73	5.25	99.99	99.99	3
125	8707	22	1500	1720	12	364	11.69	1.20	23.83	0.11	1.81	6.00	99.99	99.99	3
126	8707	23	1500	1730	1	0	19.51	4.55	7.42	0.34	0.75	0.70	1.01	0.60	3
127	a707	23	1500	1730	2	a	19.36	4.35	8.84	0.35	0.74	1.00	0.8	0.80	3
128	a707	23	1500	1730	3	1a	17.78	3.56	12.33	0.46	0.95	1.00	0.76	0.50	3
129	a707	23	1500	1730	A	25	17.08	2.98	16.70	0.51	1.04	1.50	0.42	0.62	3
130	a707	23	1500	1730	5	30	16.41	2.46	17.00	0.65	1.29	1.50	0.27	0.48	3
131	a707	23	1500	1730	6	38	16.21	2.44	21.20	0.65	1.34	2.50	0.28	0.34	3
132	8707	23	1500	1730	7	60	15.27	1.40	22.80	0.74	1.52	2.75	0.26	0.15	3
133	a707	23	1500	1730	8	a0	15.04	1.20	23.11	1.31	1.63	99.99	0.06	0.06	3
134	8707	23	1500	1730	9	130	14.74	1.20	23.11	0.37	1.70	4.50	1.27	1.24	3
135	a707	23	1500	1730	10	172	14.71	1.78	26.55	0.38	1.74	5.75	99.99	99.99	3
136	a707	23	1500	1730	11	260	13.27	1.56	26.75	0.14	1.74	6.25	99.99	99.99	3
137	a707	23	1500	1730	12	570	99.99	1.17	35.52	0.14	1.86	6.75	99.99	99.99	3
138	a707	24	1500	1800	1	0	20.42	4.87	2.91	0.27	0.52	1.00	1.28	0.65	3
139	a707	24	1500	1800	2	4	20.42	4.86	2.99	0.22	0.49	1.00	0.45	0.56	3
140	8707	24	1500	1800	3	a	20.22	4.64	3.00	0.27	0.49	1.50	0.37	0.45	3
141	a707	24	1500	1800	4	a	19.02	3.54	3.43	0.31	0.59	2.25	0.16	0.33	3
142	a707	24	1500	1800	5	25	18.66	3.05	7.69	0.37	0.81	2.50	0.29	0.35	3
143	a707	24	1500	1800	6	40	17.03	2.43	16.44	0.82	1.18	3.25	0.06	0.21	3
144	a707	24	1500	1800	7	62	15.44	1.27	17.42	0.21	1.30	3.50	0.05	0.09	3
145	a707	24	1500	1800	8	82	14.72	1.18	23.69	0.14	1.54	4.50	0.06	0.09	3
146	8707	24	1500	1800	9	128	13.57	1.61	23.94	0.16	1.55	4.75	99.99	99.99	3

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Temp	O2	NO3	NO2	P04	Sio2	CHLT	PHE	O.P	D
147	8707	24	1500	1800	10	175	12.88	1.78	24.26	0.12	1.56	5.50	99.99	99.99		3
148	8707	24	1500	1800	11	267	11.94	1.67	24.31	0.13	1.56	6.25	99.99	99.99		3
149	8707	24	1500	1800	12	365	11.65	1.17	24.45	0.17	1.57	7.00	99.99	99.99		3
150	8707	25	1500	1829	1	0	20.36	99.99	3.57	0.32	0.66	2.00	0.22	0.20		3
151	8707	26	1433	1900	1	0	21.12	5.05	1.76	0.21	0.32	1.50	0.95	0.84		3
152	8707	27	1433	1900	1	0	22.37	99.99	0.82	0.11	0.21	1.75	0.17	0.16		4
153	8707	27	1433	1900	2	10	22.11	99.99	0.98	0.20	0.25	2.50	0.12	0.19		4
154	8707	27	1433	1900	3	20	22.08	99.99	1.49	0.16	0.49	2.75	0.18	0.20		4
155	8707	27	1433	1900	4	30	18.92	99.99	9.33	0.75	0.84		0.41	0.19		4
156	8707	27	1433	1900	5	40	16.56	99.99	19.14	0.33	1.30	4.00	0.23	0.19		4
157	8707	27	1433	1900	6	49	16.31	99.99	20.56	0.26	1.38	5.25	0.14	0.35		4
158	8707	28	1435	1830	1	0	20.08	4.94	4.12	0.26	0.47	1.00	0.40	0.18		4
159	8707	29	1435	1759	1	0	19.70	4.36	8.68	0.39	0.65	1.50	0.92	0.31		4
161	8707	30	1434	1744	2	10	18.76	4.37	7.74	0.29	0.72	1.00	1.20	0.33		4
162	8707	30	4 3 4	1744	3	20	17.79	3.42	13.01	0.51	1.06	1.50	0.67	0.28		4
163	8707	30		1744	4	25	16.94	2.78	15.21	0.44	1.13	1.25	0.35	0.13		4
164	8707	30	1434	1744	5	30	16.17	2.17	17.53	0.30	1.35	2.00	0.53	0.37		4
165	8707	30	1434	1744	6	40	16.12	1.7	20.16	0.36	1.51	2.50	0.63	0.01		4
166	8707	30	1434	1744	7	65	15.00	1.63	20.09	0.30	1.54	3.25	0.30	0.07		4
167	8707	30	1434	1744	8	80	14.69	1.44	20.79	0.06	1.53	4.00	0.20	0.03		4
168	8707	30	1434	1744	9	130	14.18	1.37	22.03	0.06	1.65	4.50	0.16	0.02		4
169	8707	30	1434	1744	10	175	13.68	1.69	23.39	0.01	1.58	4.75	99.99	99.99		4
170	8707	30	1434	1744	11	275	12.36	99.99	24.42	0.00	1.70	5.50	99.99	99.99		4
171	8707	30	1434	1744	12	476	10.78	1.06	28.63	0.03	1.96	6.25	99.99	99.99		4
172	8707	31	1435	1735	1	0	18.84	4.72	6.13	0.31	0.59	1.50	1.50	0.41		4
173	8707	31	1435	1735	2	4	18.89	4.78	6.81	0.25	0.62	2.00	1.42	0.69		4
174	8707	31	1435	1735	3	8	18.89	4.69	6.71	0.29	0.69	2.25	1.42	0.49		4
175	8707	31	1435	1735	4	15	18.83	4.65	5.87	0.23	0.70	3.00	1.34	0.49		4
176	8707	31	1435	1735	5	25	18.14	3.91	8.06	0.28	0.72	3.50	1.10	0.44		4
177	8707	31	1435	1735	6	45	15.45	1.54	8.13	0.31	1.52	4.50	0.32	0.22		4
178	8707	31	1435	1735	7	70	14.70	1.46	8.25	0.11	1.52	5.00	0.15	0.08		4
179	8707	31	1435	1735	8	90	14.39	99.99	8.84	0.07	1.58	5.50	0.12	0.07		4
180	8707	31	1435	1735	9	140	14.11	1.36	9.43	0.04	1.88	5.75	0.12	0.03		4
181	8707	32	1435	1732	1	0	17.40	3.37	4.68	0.49	1.08	2.25	0.54	0.26		4
182	8707	32	1435	1732	2	4	17.39	3.32	4.95	0.47	1.10	3.00	0.63	0.28		4
183	8707	32	1435	1732	3	9	17.31	3.28	6.11	0.45	1.10	3.50	0.61	0.17		4
184	8707	32	1435	1732	4	18	16.39	1.98	7.90	0.64	1.50	4.50	0.42	0.26		4
185	8707	32	1435	1732	5	28	15.37	1.64	7.92	0.23	1.52	4.75	0.34	0.24		4
186	8707	32	1435	1732	6	36	15.17	1.35	7.93	0.13	1.58	5.25	0.19	0.21		4
187	8707	32	1435	1732	7	45	14.82	1.34	8.22	0.06	1.62	6.00	0.16	0.13		4
188	8707	32	1435	1732	8	65	14.49	1.28	8.43	0.12	1.61	6.25	0.15	0.12		4
189	8707	33	1435	1720	1	0	17.20	2.98	4.35	0.80	1.28	4.00	0.50	0.18		4
190	8707	33	1435	1720	2	10	15.87	99.99	6.12	0.97	1.48	5.50	99.99	99.99		4
191	8707	33	1435	1720	3	20	15.31	99.99	6.56	1.13	1.67	6.00	0.33	0.15		4
192	8707	33	1435	1720	4	25	15.27	99.99	7.11	1.12	1.75	6.00	0.35	0.13		4
193	8707	34	1435	1790	1	0	16.09	99.99	4.48	1.22	1.59	4.50	1.13	0.38		4
194	8707	34	1435	1790	2	8	15.89	99.99	5.55	1.45	1.78	5.00	1.85	0.65		4
195	8707	35	1470	1720	0	0	16.52	2.53	3.75	99.99	1.29	6.00	1.44	0.41		5
196	8707	35	1470	1720	2	8	16.57	2.48	4.61	99.99	1.43	8.00	1.42	0.31		5
197	8707	36	1470	1716	1	0	17.18	3.58	3.36	0.27	0.88	4.50	2.68	1.08		5
198	8707	36	1470	1716	2	7	17.23	99.99	10.79	0.28	0.83	5.25	2.73	1.70		5
199	8707	36	1470	1716	3	15	17.17	3.52	11.76	0.30	0.92	5.75	2.19	0.49		5
200	8707	36	1470	1716	4	25	16.92	2.80	13.38	0.42	1.15	6.00	1.98	0.41		5
201	8707	37	1470	1727	1	0	18.62	4.33	7.72	0.31	0.57	1.00	0.64	0.58		5
202	8707	37	1470	1727	2	10	18.49	3.94	8.18	0.31	0.62	1.50	1.30	0.59		5
203	8707	37	1470	1727	3	20	16.80	99.99	16.14	0.66	1.14	2.00	0.60	0.43		5
204	8707	37	1470	1727	4	30	16.20	1.46	19.67	1.10	1.20	2.25	0.30	0.23		5
205	8707	37	1470	1727	5	40	15.78	1.34	19.70	0.79	1.22	3.00	0.20	0.22		5
206	8707	37	1470	1727	6	50	15.27	1.23	20.30	0.85	1.37	3.75	0.21	0.17		5
207	8707	37	1470	1727	7	75	14.80	99.99	20.53	0.70	1.37	4.50	0.15	0.14		5
208	8707	37	1470	1727	8	90	14.71	99.99	21.66	0.21	1.42	6.00	0.11	0.08		5
209	8707	38	1490	1736	1	0	21.50	4.32	3.29	0.15	0.43	0.80	0.51	0.26		5
210	8707	38	1490	1736	2	10	20.41	4.23	5.75	0.14	0.42	0.90	0.40	0.25		5
211	8707	38	1490	1736	3	20	19.29	3.45	5.92	0.25	-0.64	1.25	0.44	0.37		5
212	8707	38	1490	1736	4	30	18.38	2.67	9.92	0.48	0.73	2.55	0.38	0.29		5
213	8707	38	1490	1736	5	34	17.71	2.25	14.04	0.69	1.01	3.00	0.31	0.39		5
214	8707	38	1490	1736	6	41	17.10	99.99	16.89	0.56	1.17	2.50	0.28	0.22		5
215	8707	38	1490	1736	7	56	15.36	1.24	19.38	0.37	1.33	3.50	0.16	0.13		5
216	8707	38	1490	1736	8	70	14.94	1.39	20.13	0.17	1.39	4.25	0.16	0.11		5
217	8707	38	1490	1736	9	102	14.44	99.99	21.25	0.19	1.45	5.75	0.10	0.06		5
218	8707	38	1490	1736	10	138	14.24	99.99	21.29	0.10	1.50	6.50	0.12	0.01		5
219	8707	38	1490	1736	11	218	13.64	1.18	23.23	0.07	1.51	6.50	99.99	99.99		5
220	8707	38	1490	1736	12	381	12.04	99.99	25.60	0.12	1.72	7.00	99.99	99.99		5

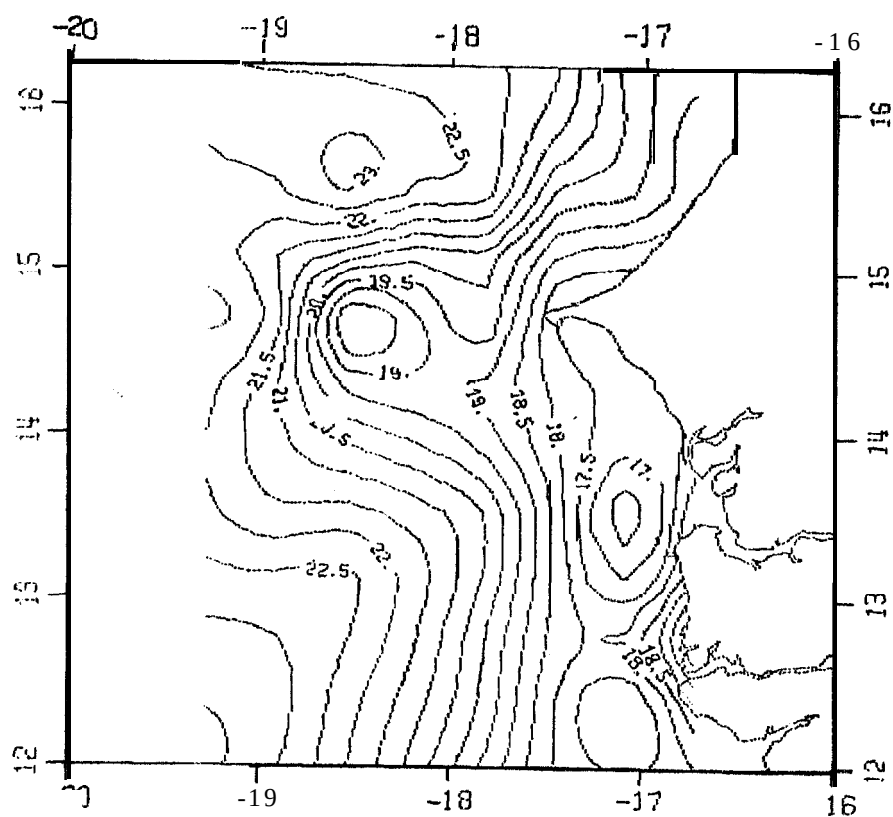
Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Temp	O2	NO3	NO2	P04	SiO2	CHLT	PHEOP	RAI
221	8707	39	1470	1747	1	0	22.22	99.99	0.63	0.03	0.09	1.00	0.23	0.17	5
222	8707	39	1470	1747	2	8	22.21	4.71	0.83	0.09	0.18	0.80	0.32	0.13	5
223	8707	39	1470	1747	3	15	21.86	4.60	1.85	0.35	0.26	1.25	0.30	0.27	5
224	8707	39	1470	1747	4	20	20.44	4.54	2.04	0.26	0.38	1.50	0.67	0.46	5
225	8707	39	1470	1747	5	25	19.41	99.99	3.00	0.24	0.51	2.25	0.22	0.31	5
226	8707	3 9	1470	1747	6	35	17.61	1.87	5.53	0.48	1.13	3.00	0.15	0.16	5
227	8707	39	1470	1747	7	65	15.37	99.99	17.47	0.21	1.27	4.50	0.10	0.08	5
228	8707	39	1470	1747	8	85	14.51	1.61	20.32	0.09	1.36	3.50	0.06	0.02	5
229	8707	39	1470	1747	9	130	13.87	1.53	21.65	0.05	1.42	5.00	0.13	0.02	5
230	8707	39	1470	1747	10	180	13.45	1.70	23.81	0.21	1.51	5.25	0.11	0.05	5
231	8707	39	1470	1747	11	470	12.29	1.44	24.09	0.05	99.99	6.25	99.90	99.90	5
232	8707	39	1470	1747	12		110.65	1.00	29.55	0.22	1.81	7.00	99.99	99.99	5
233	8707	40	1480	1759	1	0	22.73	4.43	0.79	0.05	0.04	0.70	0.15	0.07	5
234	8707	40	1480	1759	2	8	22.79	4.43	0.80	0.06	0.12	0.10	0.12	0.08	5
235	8707	40	1480	1759	3	15	22.73	99.99	0.81	0.08	0.13	1.00	0.14	0.07	5
236	8707	40	1480	1759	4	20	21.16	99.99	0.87	0.66	0.26	1.25	0.09	0.08	5
237	8707	40	1480	1759	5	30	18.10	2.89	8.36	0.50	0.46	1.50	0.44	0.41	5
238	8707	40	1480	1759	6	40	17.65	99.99	13.23	0.07	1.18	2.50	0.29	0.41	5
239	8707	40	1480	1759	7	60	14.96	99.99	14.91	0.11	1.20	3.25	0.08	0.15	5
240	8707	40	1480	1759	8	74	14.37	1.59	15.50	0.08	1.25	4.00	0.07	0.02	5
241	8707	40	1480	1 7 5 9	9	115	13.67	1.67	16.30	0.10	1.27	4.50	0.08	0.01	5
242	8707	40	1480	1759	10	155	13.07	1.68	16.35	0.12	1.31	5.25	0.12	0.05	5
243	8707	40	1480	1759	11	230	12.50	1.60	21.46	0.05	1.43	6.25	99.99	99.99	5
244	8707	40	1480	1759	12	410	11.17	1.06	18.84	0.05	1.50	6.75	99.99	99.99	5
245	8707	41	1480	1830	1	0	22.93	4.46	0.26	99.99	0.25	2.00	0.17	0.14	5
246	8707	42	1470	1859	1	0	22.44	4.55	0.34	0.05	0.22	1.50	0.20	0.08	5
247	8707	43	1336	1858	1	0	22.44	4.45	0.17	0.03	0.14	1.50	0.24	0.04	6
248	8707	44	1337	1829	1	0	20.81	99.99	1.69	0.08	0.25	1.00	0.48	0.26	6
249	8707	44	1337	1829	2	12	20.81	99.99	1.91	0.13	0.29	1.25	0.47	0.18	6
250	8707	44	1337	1829	3	25	20.81	99.99	1.99	0.07	0.30	1.50	0.42	0.21	6
251	8707	44	1337	1829	4	35	20.81	99.99	2.12	0.15	0.58	2.50	0.63	0.18	6
252	8707	A i	1337	1829	5	48	18.76	99.99	7.85	0.07	0.65	3.25	0.55	0.52	6
253	8707	A 4	1337	1829	6	60	15.22	99.99	16.35	0.60	1.24	4.50	0.15	0.18	6
254	8707	45	1337	1759	1	0	20.57	4.23	3.40	0.14	0.39	1.50	0.75	0.19	6
255	8707	46	1337	1745	1	0	20.30	4.31	3.89	0.15	0.39	1.50	0.82	0.40	6
256	8707	47	1338	1728	1	0	18.47	3.97	8.45	0.29	0.63	1.50	1.51	0.94	6
257	8707	47	1338	1728	2	8	18.27	99.99	10.34	0.25	0.71	1.50	1.70	0.91	6
258	8707	47	1338	1728	3	15	17.91	3.58	10.69	0.43	0.76	2.00	2.63	1.43	6
259	8707	47	1338	1728	4	25	16.98	2.31	11.78	0.74	1.00	2.75	0.71	0.58	6
260	8707	47	1338	1728	5	35	16.49	1.74	13.81	0.72	1.08	3.25	0.19	0.24	6
261	8707	47	1338	1728	6	45	15.84	1.36	14.90	0.35	1.09	4.00	0.14	0.14	6
262	8707	47	1338	1728	7	60	14.87	99.99	14.94	0.11	1.18	5.50	0.09	0.07	6
263	8707	47	1338	1728	8	80	14.64	1.45	14.88	0.05	1.18	5.75	0.11	0.05	6
264	8707	47	1338	1728	9	120	14.38	99.99	16.45	0.04	1.23	5.25	0.10	0.06	6
265	8707	A 7	1338	1728	10	160	14.06	1.44	16.78	0.14	1.30	6.25	0.09	0.05	6
266	8707	47	1338	1728	11	240	13.16	1.11	19.86	0.77	1.33	6.50	99.99	99.99	6
267	8707	47	1338	1728	12	380	11.70	99.99	20.41	0.05	1.47	7.00	99.99	99.99	6
268	8707	4 8	1337	1724	1	0	17.99	99.99	9.79	0.27	0.75	1.00	1.14	0.71	6
269	8707	48	1337	1724	2	10	17.53	3.57	10.19	0.39	0.88	1.50	1.17	0.65	6
270	8707	48	1337	1724	3	20	16.10	99.99	14.51	0.87	1.19	2.25	0.29	0.15	6
271	8707	48	1337	1724	4	30	15.44	1.31	15.24	0.25	1.15	2.50	0.09	0.13	6
272	8707	48	1337	1724	5	40	14.83	1.28	16.28	0.04	1.26	3.25	0.14	0.06	6
273	8707	1 3 3 7	1724	6	50	14.62	1.33	17.67	0.05	1.43	3.00	0.13	0.10	6	
274	8707	48	1337	1724	7	55	14.52	1.37	18.52	0.01	1.49	3.75	0.11	0.04	6
275	8707	48	1337	1724	8	70	14.42	1.42	18.92	0.02	1.54	4.75	0.14	0.08	6
276	8707	49	1337	1714	1	0	16.63	2.12	15.24	0.87	1.29	2.00	0.65	0.31	6
277	8707	49	1337	1714	2	5	16.65	2.12	16.57	0.99	1.40	2.50	0.89	0.42	6
278	8707	49	1337	1714	3	10	16.17	1.81	17.47	1.00	1.47	3.25	0.58	0.29	6
279	8707	49	1337	1714	4	20	15.97	1.74	17.76	0.73	1.48	4.00	0.72	0.39	6
280	8707	49	1337	1714	5	30	14.84	1.50	18.74	0.19	1.56	4.25	0.50	0.12	6
281	8707	49	1337	1714	6	40	14.82	1.24	20.76	0.66	1.62	5.25	0.24	0.11	6
282	8707	50	1336	1653	1	0	17.91	3.53	6.95	0.94	1.05	4.00	2.91	2.23	6
283	8707		1336	1653	2	8	17.93	3.51	22.62	1.03	1.39	6.00	2.94	2.30	6
284	8707	50	1260	1657	1	0	18.52	3.65	17.92	0.91	0.71	4.50	6.71	2.77	7
285	8707	51	1260	1657	2	a	18.51	3.64	18.78	1.17	0.82	6.75	7.08	2.39	7
286	8707	52	1300	1726	1	0	16.71	1.87	14.15	1.36	1.50	2.50	0.53	0.25	7
287	8707	52	1300	1726	2	10	16.71	1.53	14.41	1.46	1.56	3.00	0.52	0.33	7
288	8707	52	1300	1726	3	20	16.27	0.74	17.72	1.27	1.72	4.75	0.32	0.19	7
289	8707	53	1300	1726	1	0	18.49	3.48	6.90	99.99	0.83	0.30	2.00	1.62	7
290	8707	53	1300	1 7 2 6	2	10	16.96	1.76	11.70	0.70	1.13	3.50	1.60	0.81	7
291	8707	53	1300	1726	3	20	16.38	1.57	13.94	0.97	1.30	4.00	0.17	0.05	7
292	8707	53	1300	1726	4	35	15.78	1.08	14.12	1.64	1.39	4.25	0.14	0.08	7
293	8707	53	1300	1726	5	40	15.40	1.02	16.56	1.02	1.48	5.25	0.26	0.11	7

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersions	Temp	O2	NO3	NO2	PO4	Sio2	CHLT	PHEOP	RAI
294	8707	54	'259	'1740	1	0	'9.37	4.17	4.61	0.39	0.43	1.00	2.46	1.05	7
295	a707	54	1259	1740	2	10	19.30	3.83	4.63	0.35	0.62	1.25	2.49	1.48	7
296	a707	54	1259	1740	3	20	'a.28	2.17	11.40	0.62	1.01	1.00	0.89	0.66	7
297	a707	54	'259	1740	4	30	'6.92	1.93	15.00	1.06	1.21	2.00	0.27	0.26	7
298	a707	54	1259	1740	5	35	16.14	1.52	15.14	1.01	1.26	2.50	0.26	0.19	7
299	8707	54	'259	1740	6	45	15.84	1.33	16.66	0.25	1.33	4.00	0.19	0.15	7
300	a707	54	'259	1740	7	70	'5.27	1.48	15.66	0.18	1.34	3.50	0.11	0.12	7
301	a707	54	1259	1740	a	a6	14.82	1.45	15.83	0.18	1.33	4.50	0.12	0.10	7
302	a707	54	1259	1740	9	120	'4.01	1.40	16.25	0.14	1.46	5.25	0.09	0.06	7
303	a707	54	'259	1740	io	167	13.56	1.40	17.90	0.17	1.50	5.75	0.07	0.05	7
304	8707	54	'259	1740	11	263	12.64	1.31	19.16	0.26	1.50	6.00	99.99	99.99	7
305	8707	54	'259	1740	2	dda	9.99	1.92	20.30	0.19	1.77	6.50	99.99	99.99	7
306	8707	55	1259	1759	1	0	21.60	3.77	1.24	0.13	0.34	0.80	0.21	0.13	7
307	8707	55	1259	1759	2	a	21.55	3.74	1.17	0.13	0.36	1.50	0.23	0.18	7
308	8707	55	'259	'759	3	'a	21.46	3.87	1.46	0.17	0.37	2.75	0.10	0.07	7
309	8707	55	'259	1759	4	25	11.31	4.52	1.40	0.15	0.40	2.50	0.13	0.11	7
310	8707	55	'259	1759	5	33	21.25	4.36	1.45	0.14	0.41	3.00	0.14	0.10	7
311	8707	55	'259	'759	6	40	21.14	3.77	2.02	0.30	0.42	3.50	0.04	0.13	7
312	a707	55	1259	1759	7	65	16.20	99.99	19.08	0.30	1.43	3.75	0.34	0.45	7
313	8707	55	1259	'759	a	85	14.86	1.07	20.52	0.15	1.70	4.00	0.05	0.05	7
314	8707	55	'259	'759	9	'35	13.99	99.99	22.29	0.14	1.58	5.00	0.05	0.02	7
315	8707	55	1259	1759	10	178	13.01	1.29	23.54	0.39	1.72	4.25	99.99	99.99	7
316	8707	55	1259	'759	1	279	12.21	1.26	24.06	0.14	1.83	6.50	99.99	99.99	7
317	8707	55	1259	'759	12	370	11.02	1.97	25.49	0.14	2.04	6.75	99.99	99.99	7
318	8707	56	1300	1831	1	0	22.78	1.82	2.63	0.16	0.37	1.00	0.18	0.15	7
319	a707	57	1300	'900	1	0	22.86	1.72	0.69	0.03	99.99	1.00	0.15	0.07	7
320	8707	58	1230	1860	1	0	23.39	99.99	1.38	0.16	0.20	1.50	0.11	0.08	a
321	a707	59	1230	1860	1	0	22.22	3.92	1.34	0.14	0.13	1.00	0.15	0.10	a
322	8707	60	1230	'759	1	0	20.4d	4.35	1.09	0.13	0.14	0.90	0.72	0.43	8
323	a707	60	1230	'759	2	a	20.82	4.21	1.37	0.10	0.19	1.00	0.71	0.24	8
324	8707	60	1230	1759	3	15	20.83	99.99	1.29	0.13	0.18	1.75	0.67	0.28	a
325	8707	60	1230	1759	4	20	20.22	4.08	2.22	0.27	0.16	2.25	0.63	0.41	8
326	8707	60	1230	1759	5	30	18.01	2.58	7.63	0.17	0.57	2.28	0.41	0.25	a
327	a707	60	1230	1759	6	40	16.71	1.49	99.99	99.99	99.99	3.25	0.41	0.39	a
328	8707	61	1230	1747	1	0	19.77	4.13	2.09	0.16	0.11	0.70	0.74	0.69	a
329	a707	61	1230	1747	2	3	'9.77	4.10	2.13	0.15	0.08	0.90	0.90	0.53	a
330	8707	61	'230	1747	3	6	19.76	4.00	2.28	0.15	0.09	3.50	0.92	0.50	a
331	8707	61	1230	1747	4	'0	'9.67	99.99	4.23	0.44	0.15	3.75	1.18	0.38	a
332	a707	61	1230	1747	5	'a	19.66	3.72	5.52	0.20	0.31	4.50	1.05	0.38	8
333	8707	61	1230	'747	6	25	18.89	2.61	8.28	0.33	0.47	4.50	0.59	0.21	8
334	8707	61	1230	'747	7	35	17.46	99.99	10.62	0.12	0.77	4.50	0.11	0.14	a
335	8707	61	'230	'747	a	50	16.08	1.52	12.55	0.07	1.04	5.00	0.07	0.11	a
336	8707	61	'230	'767	9	86	14.89	1.42	13.47	0.01	1.07	5.25	0.05	0.06	a
337	a707	61	1230	1747	10	116	14.22	1.44	15.63	0.02	1.29	5.50	0.04	0.06	a
338	a707	61	'230	'747	11	'a5	'12.89	1.36	17.29	0.04	1.14	5.50	99.99	99.99	a
339	a707	61	1230	1747	12	340	11.29	1.24	18.89	0.11	1.34	5.75	99.99	99.99	a
340	a707	62	'229	1736	1	0	18.73	3.89	7.70	1.32	0.58	1.00	3.43	2.32	8
341	a707	62	1229	1736	2	10	'18.71	3.81	10.67	0.46	0.65	1.00	3.00	2.73	8
342	a707	62	1229	1736	3	20	18.45	3.11	10.72	0.78	0.71	1.50	2.39	1.47	8
343	a707	62	'229	'736	4	30	16.40	1.37	17.45	0.51	1.32	1.75	0.34	0.32	8
344	8707	62	1229	'736	5	40	'15.75	1.26	18.09	0.12	1.44	2.00	0.17	0.06	8
345	8707	62	'229	1736	6	50	15.38	1.36	19.01	99.99	1.48	2.25	0.12	0.16	a
346	a707	62	1229	'736	7	75	14.45	1.37	19.56	99.99	1.43	3.75	0.13	0.07	a
347	8707	62	'229	1736	a	'00	'14.10	1.37	19.66	99.99	1.47	3.75	0.11	0.05	a
348	a707	62	1229	'736	9	150	'13.79	1.36	19.79	99.99	1.59	4.00	0.10	0.05	a
349	8707	62	1229	'736	10	191	113.44	1.36	20.81	99.99	1.53	4.25	0.09	0.03	a
350	8707	62	1229	'736	i	290	'12.26	1.32	21.43	99.99	1.59	4.75	99.99	99.99	a
351	8707	62	'229	'736	12	370	11.34	1.30	24.62	0.83	1.81	4.75	99.99	99.99	8
352	8707	63	'230	'716	1	0	117.40	2.08	5.58	0.85	0.59	3.50	2.14	1.03	8
353	8707	63	1230	'716	2	5	17.35	2.00	10.71	1.02	0.96	4.00	2.20	1.14	8
354	8707	63	1230	'716	3	'0	17.33	1.21	12.15	0.50	1.00	5.00	2.30	1.81	a
355	8707	64	'235	1647	1	0	19.92	3.67	4.06	0.31	99.99	4.00	1.83	0.92	a
356	8707	64	'235	1647	2	6	19.94	2.90	99.99	99.99	99.99	5.00	2.04	0.93	a

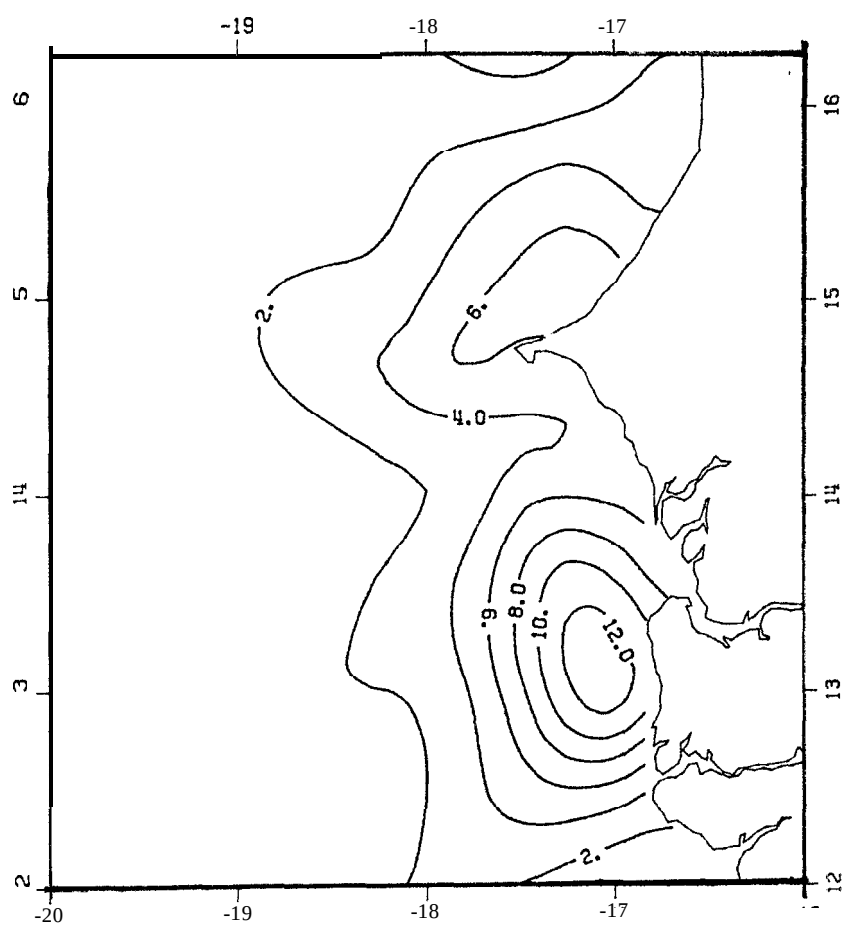
CAMPAGNE LOUIS SAUGER 8707

DU 11/03/1987 AU 18/03/1987

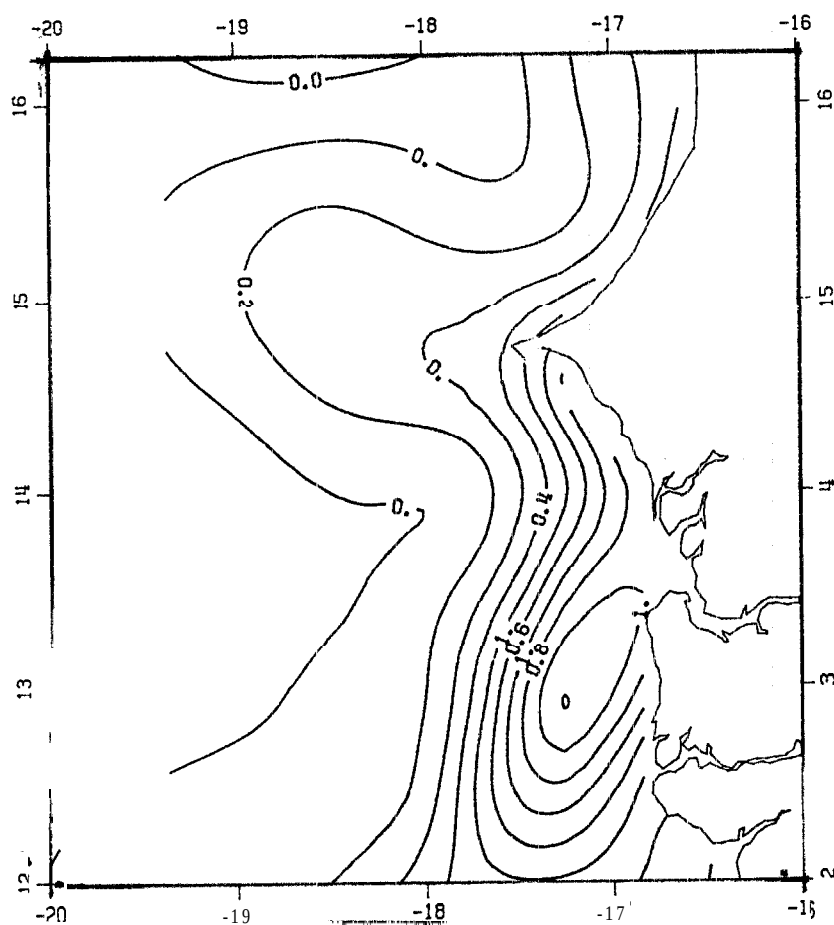
CARTES DE SURFACE ET COUPES



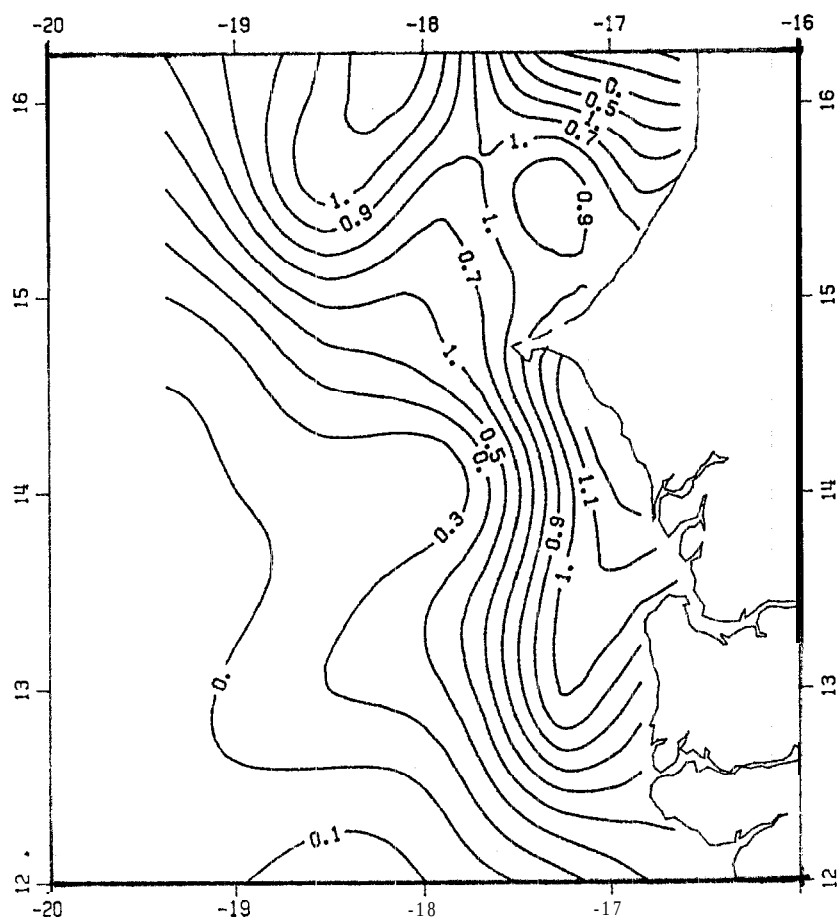
CAMPAGNE 8707: CARTE DES TEMPERATURES (°C) EN SURFACE



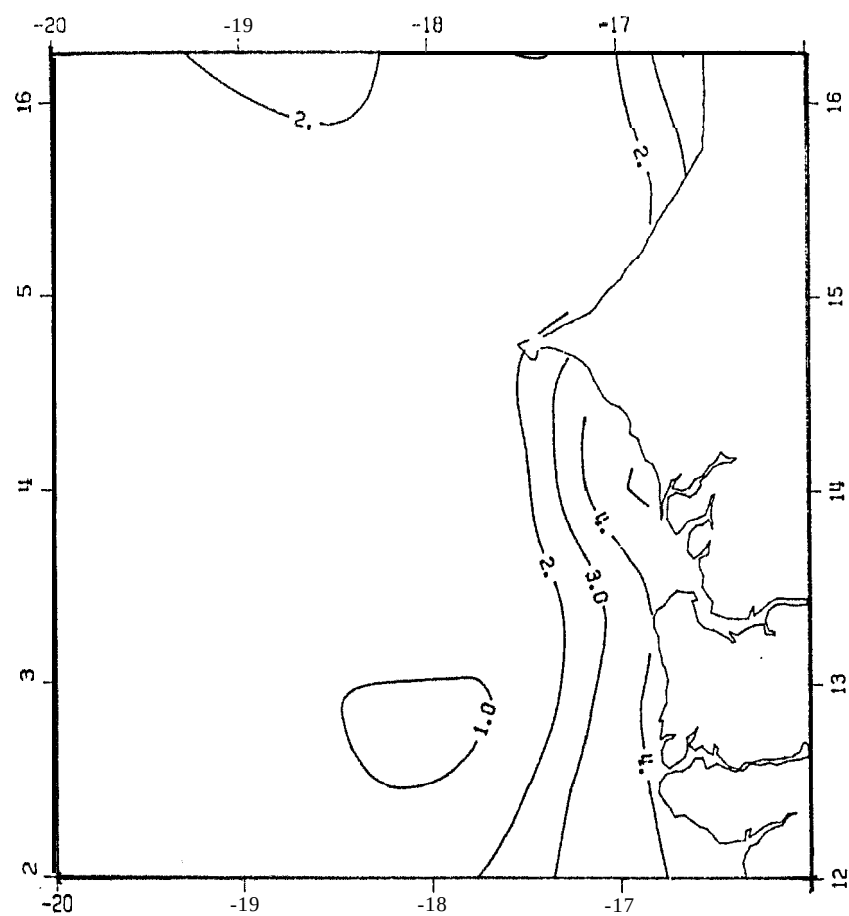
CAMPAGNE 8707 : CARTE DES NITRATES (en $\mu\text{atg/l}$) EN SURFACE



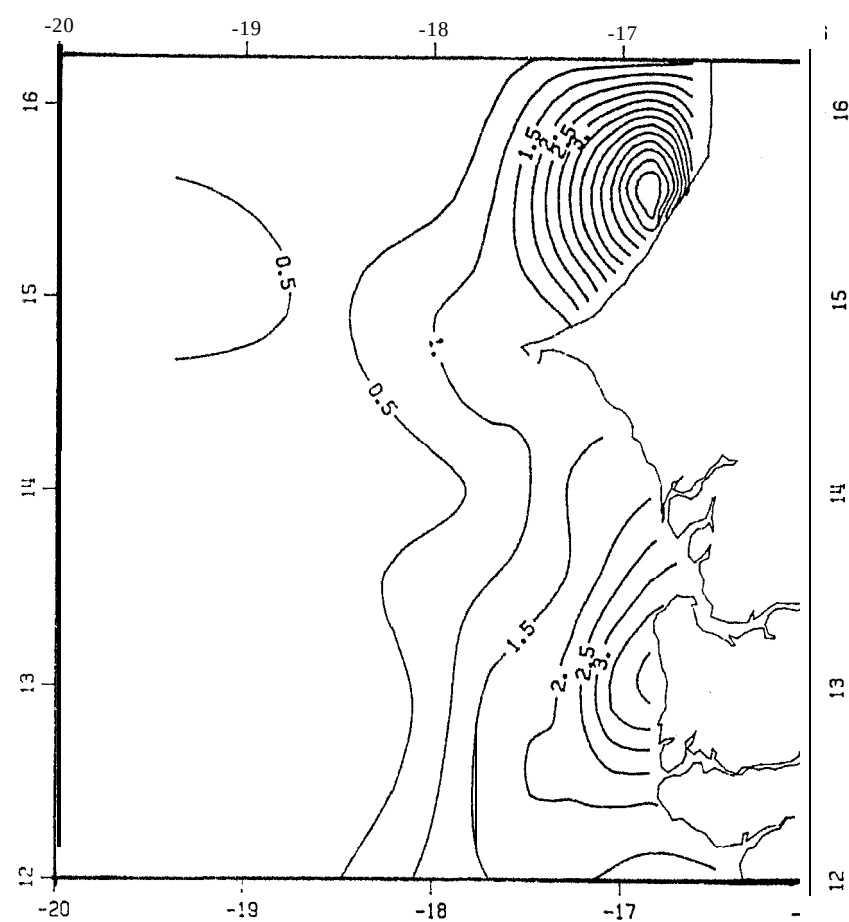
CAMPAGNE 8707 : CARTE DES NTRITES (en $\mu\text{atg/l}$) EN SURFACE



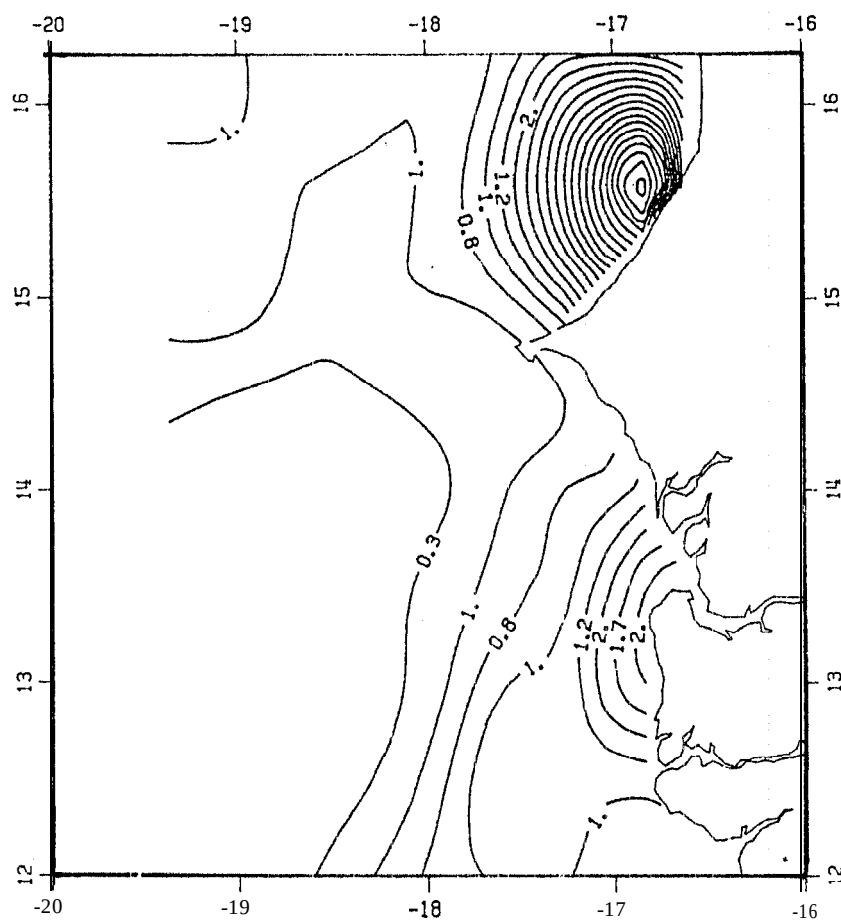
CAMPAGNE 8707 : CARTE DES PHOSPHATES (en $\mu\text{atg/l}$) EN SURFACE



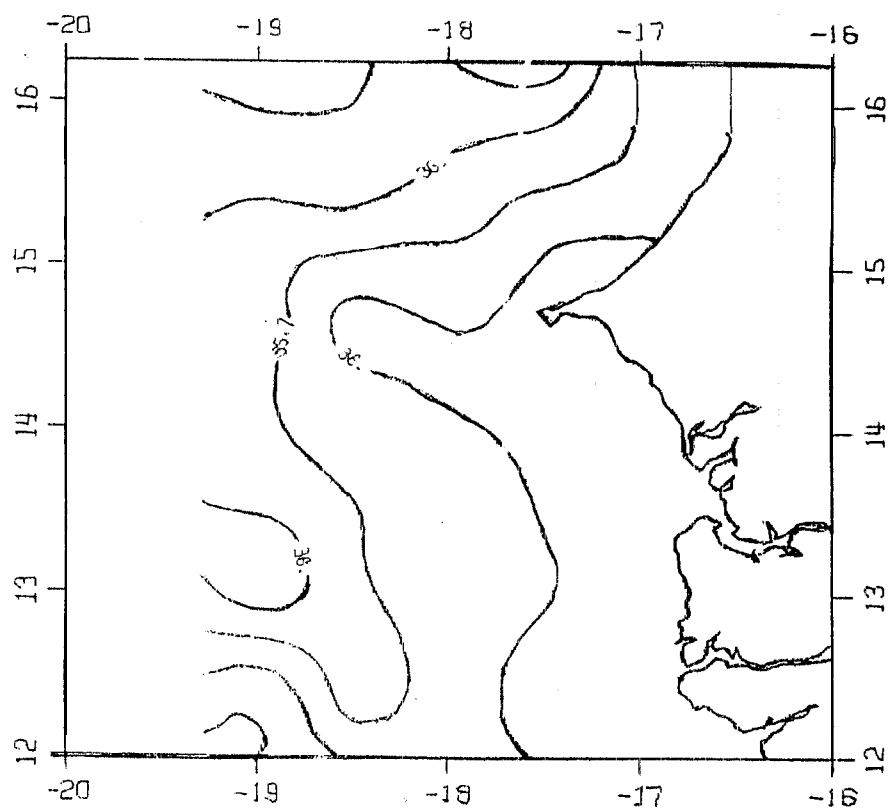
CAMPAGNE 8707 : CARTE DES SILICATES (en $\mu\text{atg/l}$) EN SURFACE

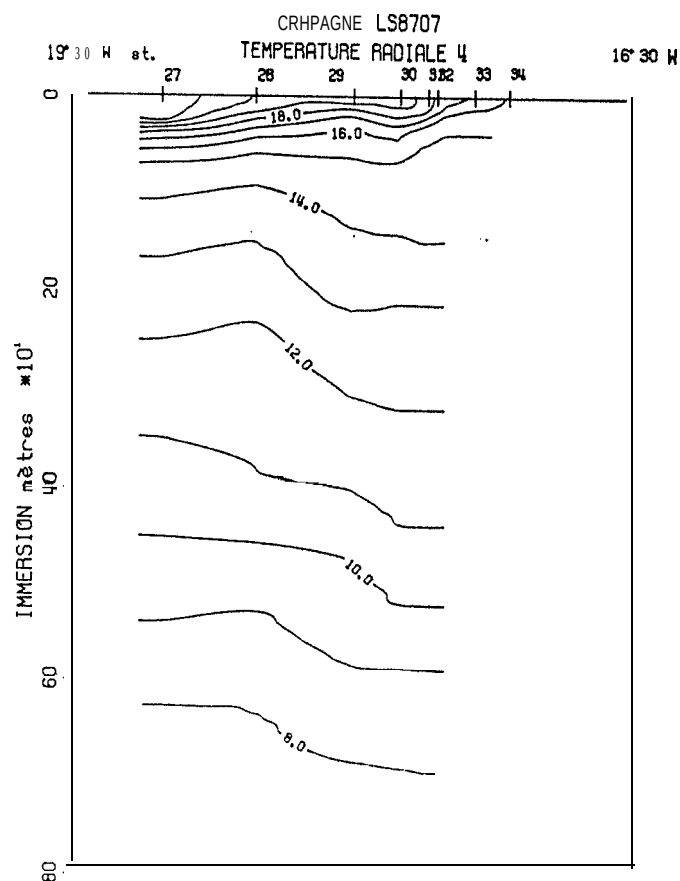
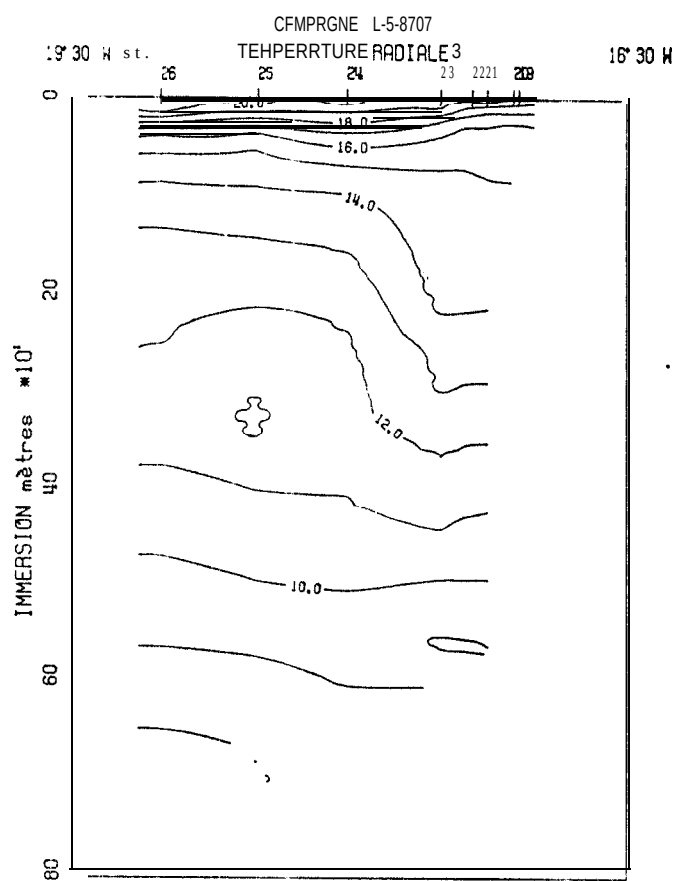
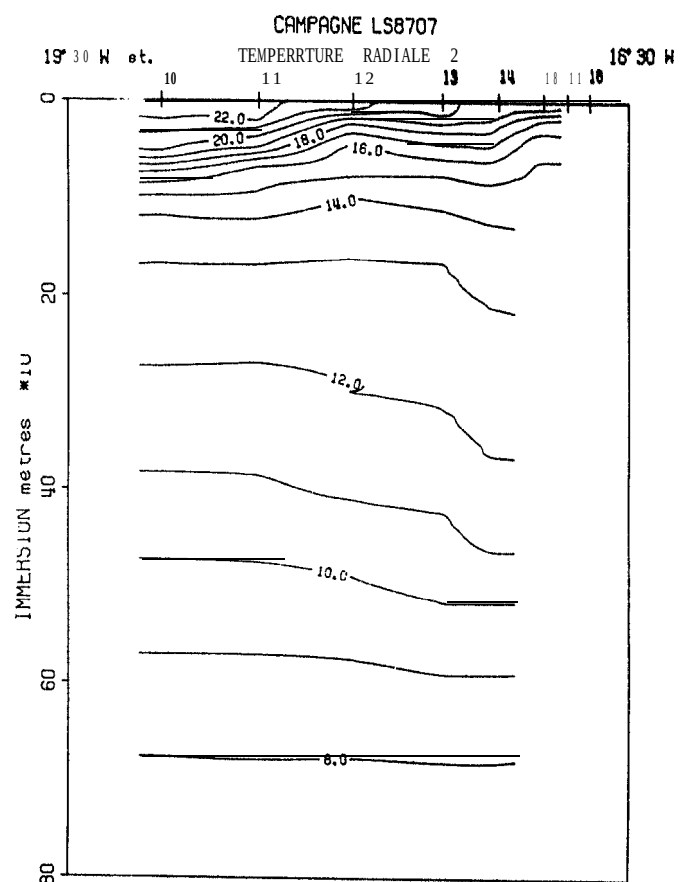
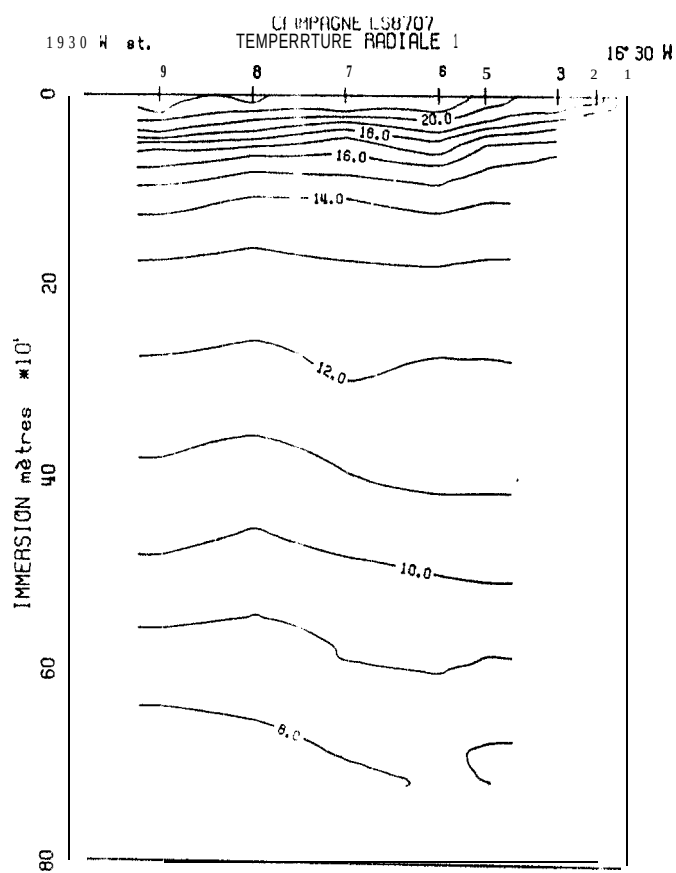


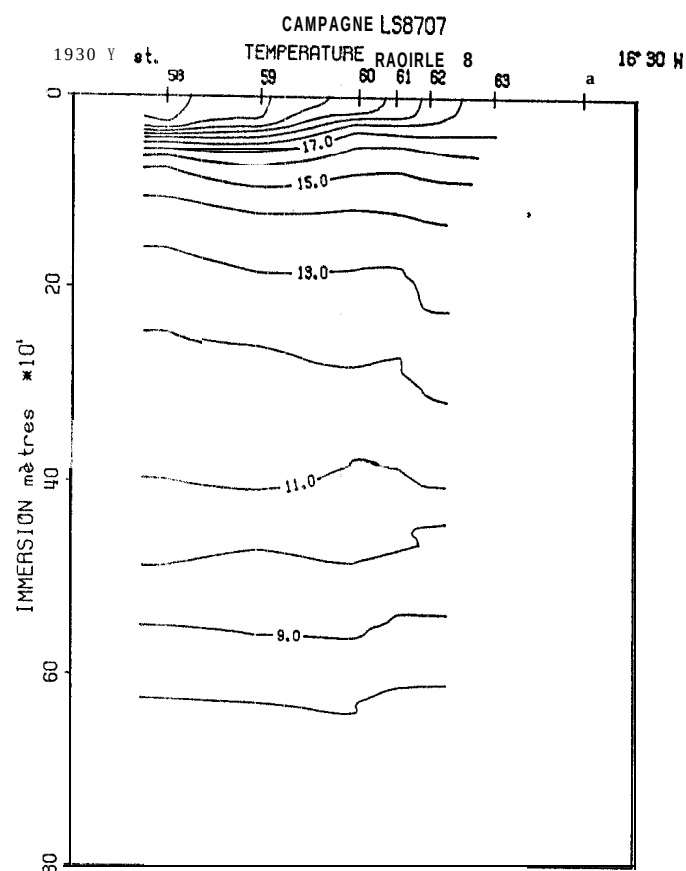
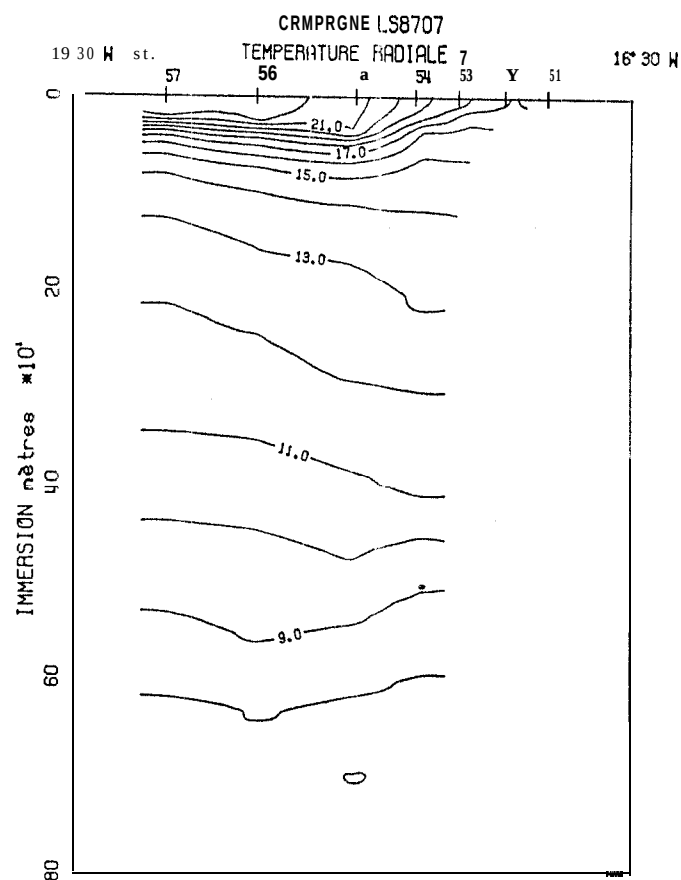
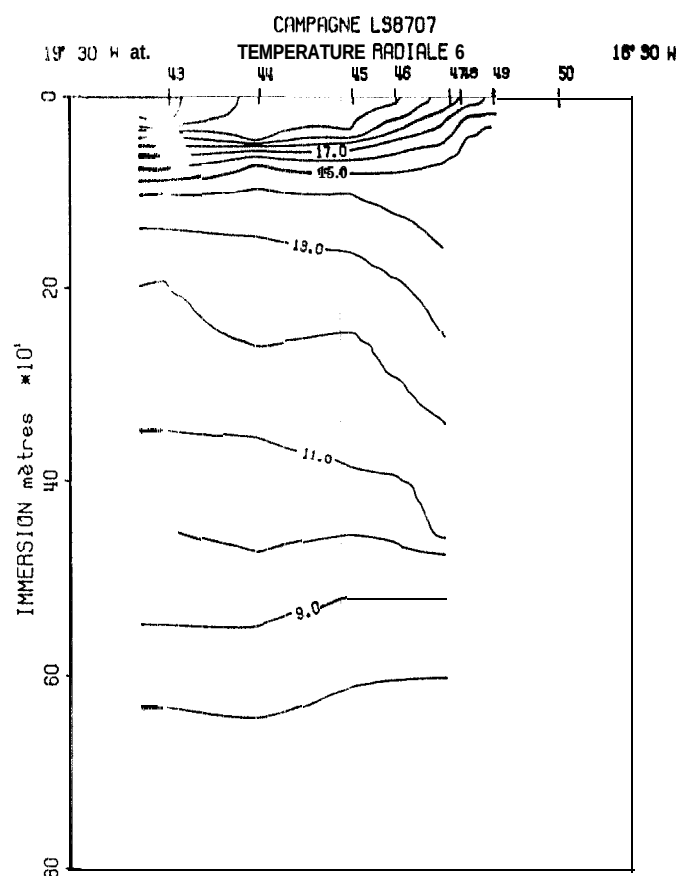
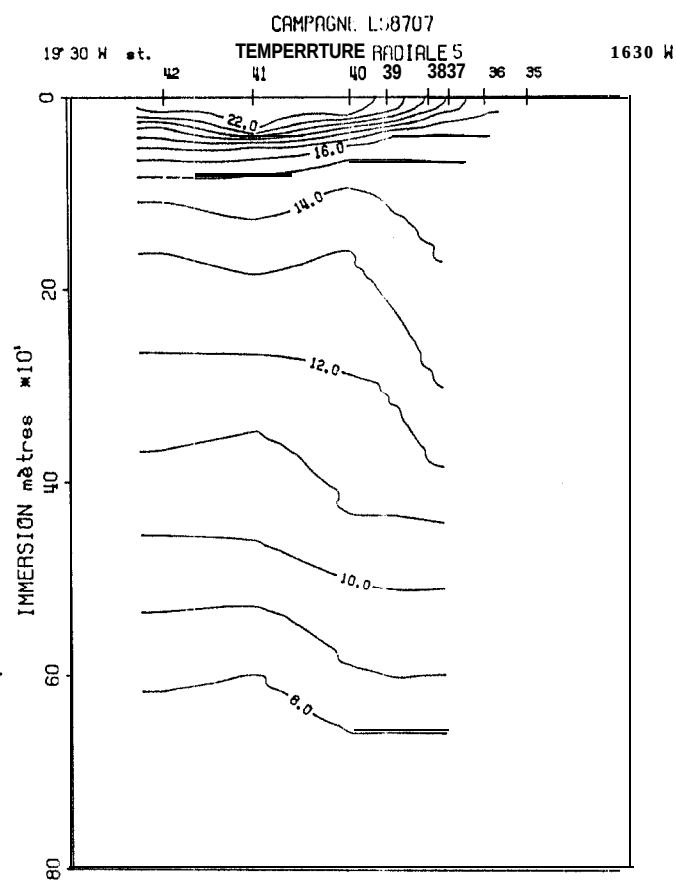
CAMPAGNE 8707 : CARTE DES CHLOROPHYLLES ($\mu\text{g/l}$) EN SURFACE

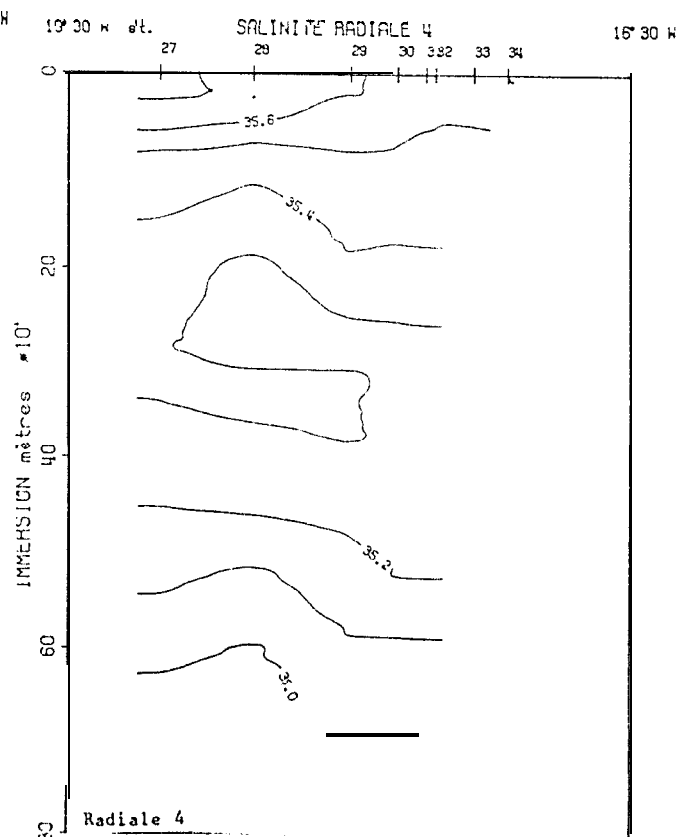
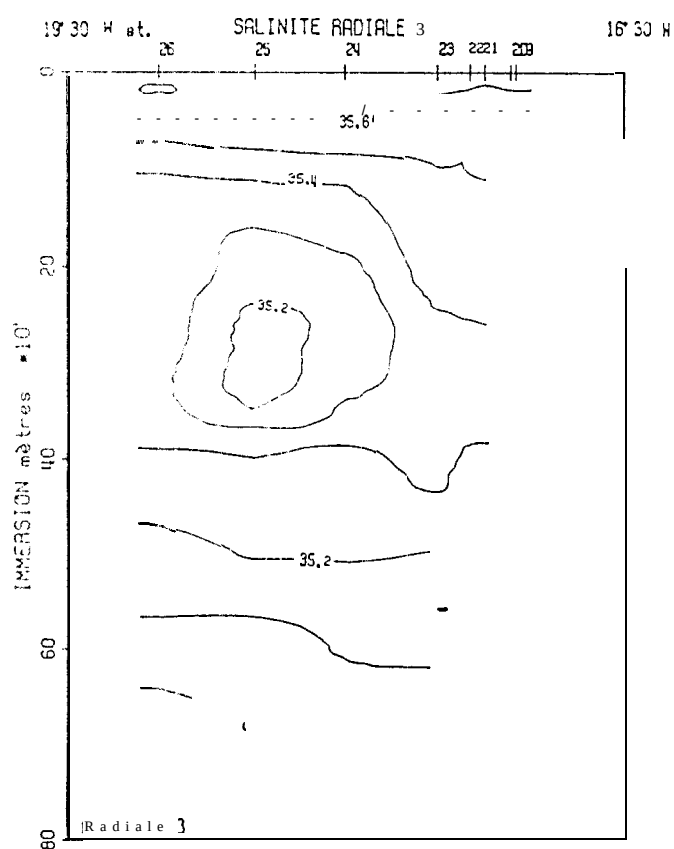
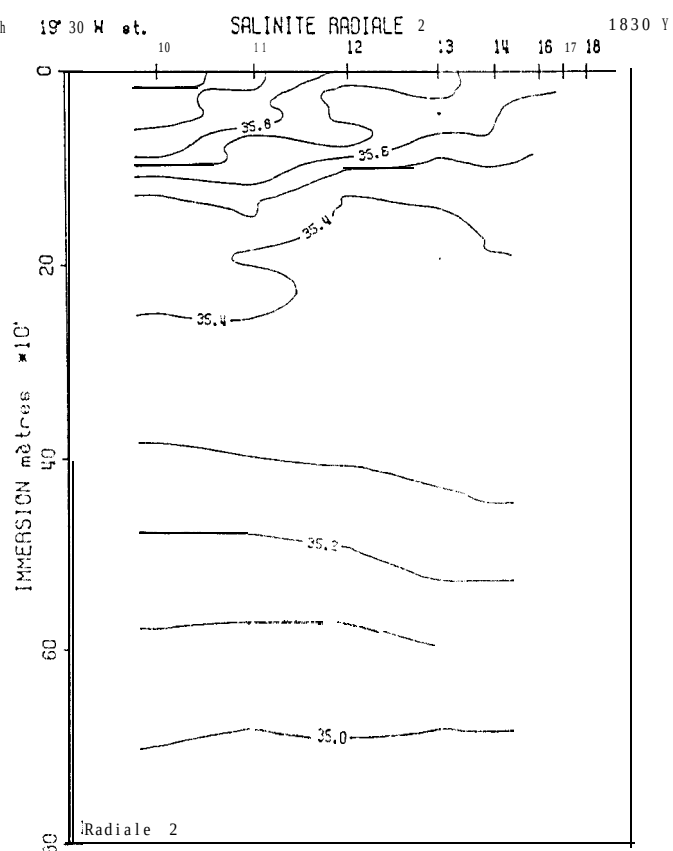
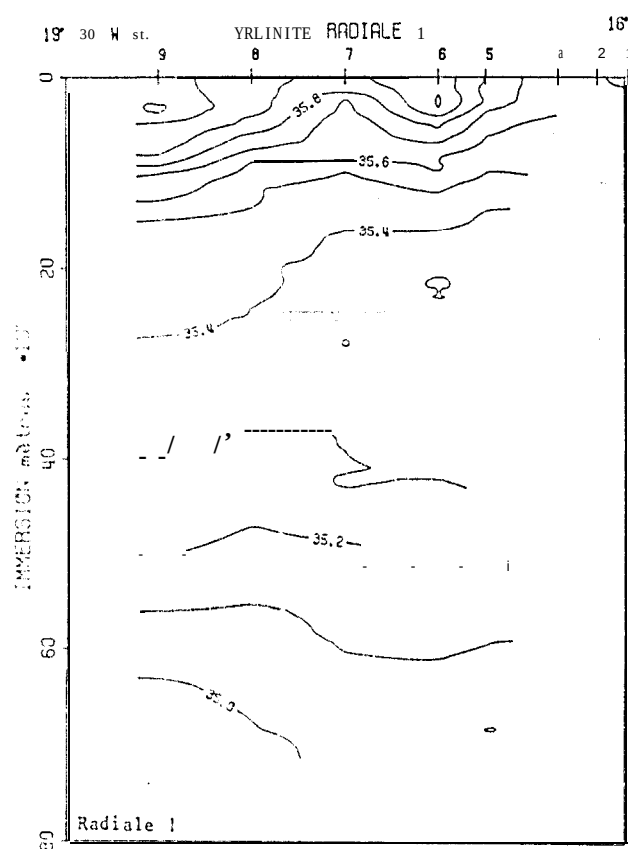


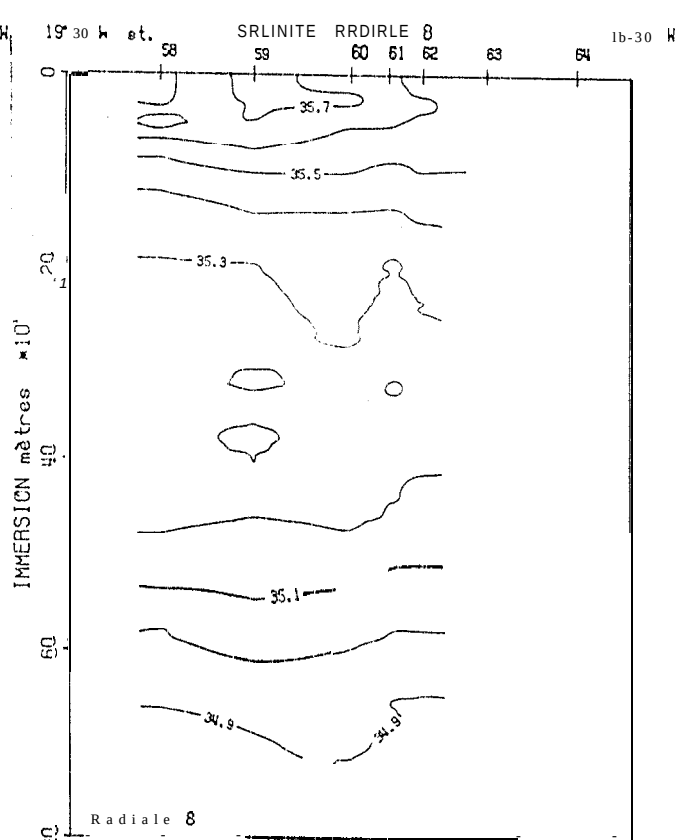
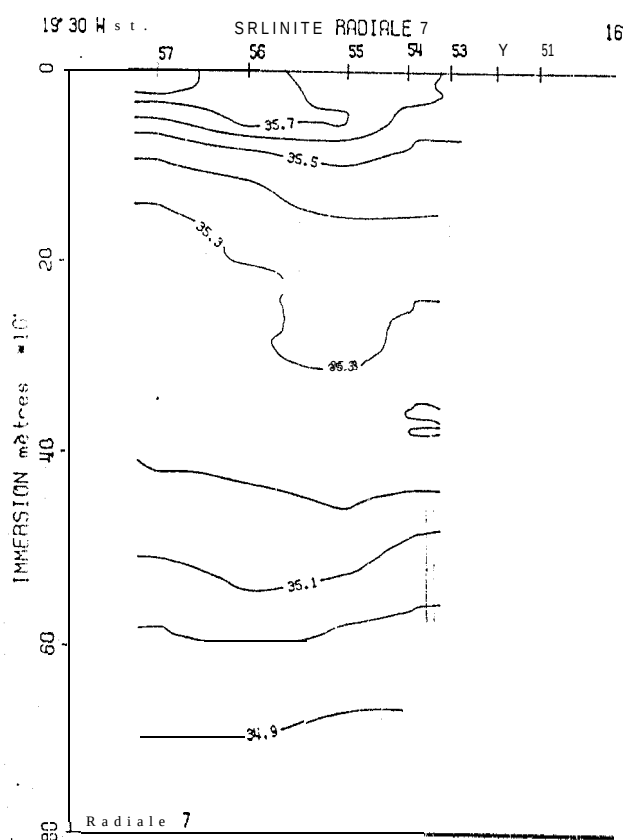
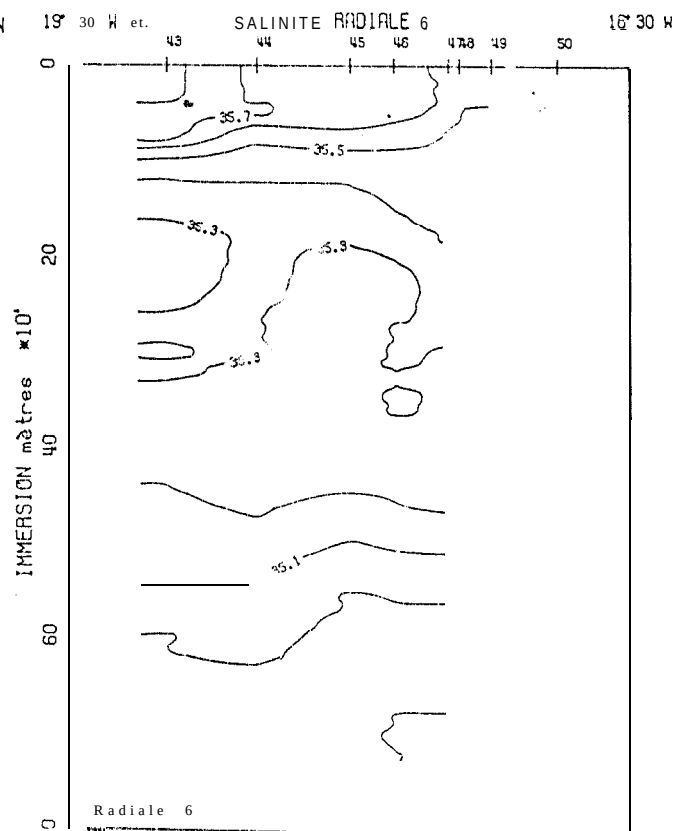
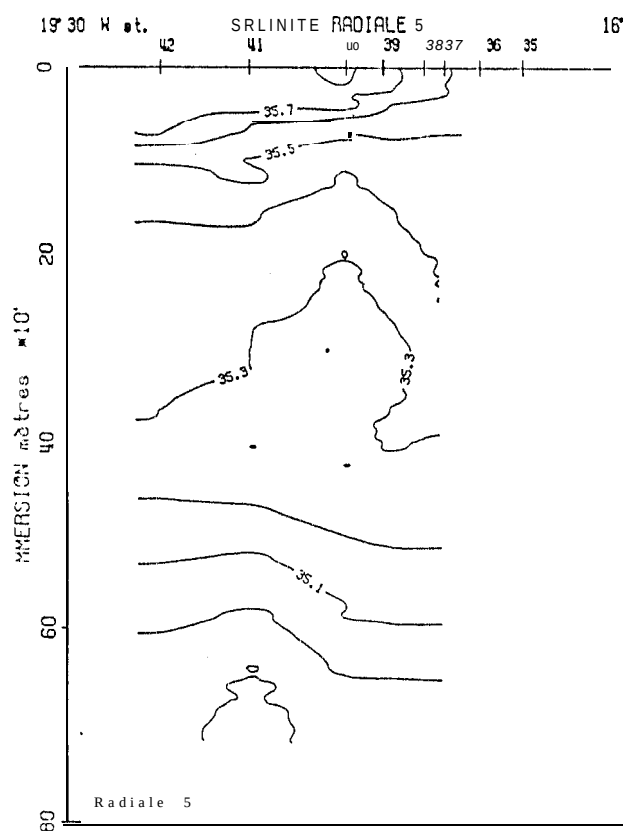
CAMPAGNE 8707 : CARTE DES PHEOPIGMENTS ($\mu\text{g/l}$) EN SURFACE

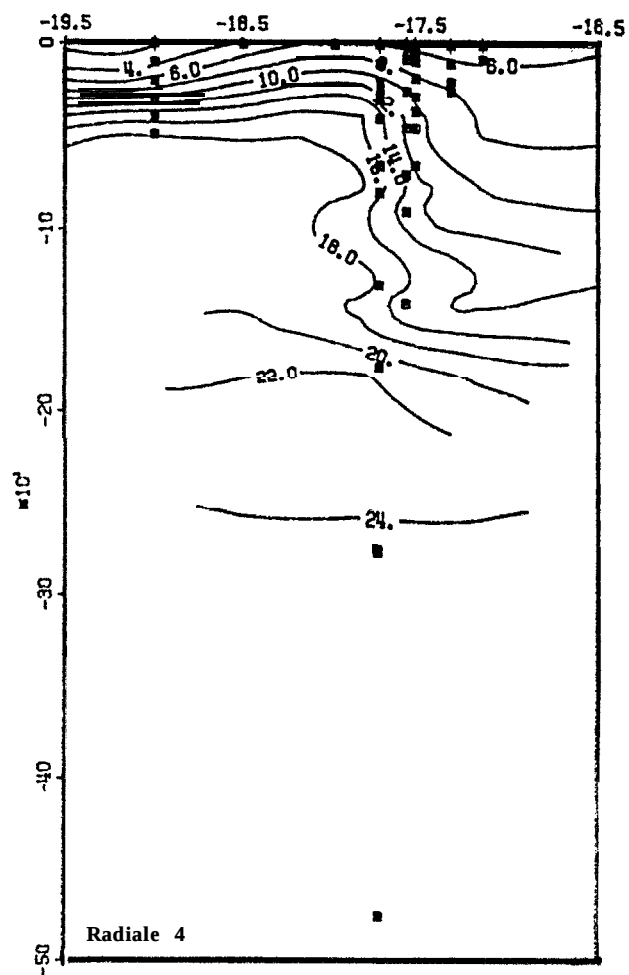
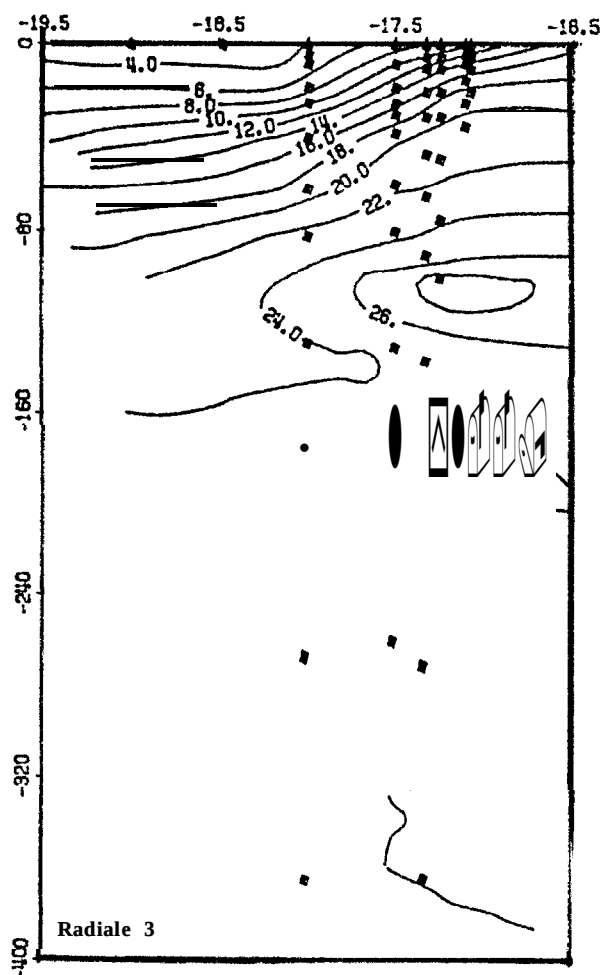
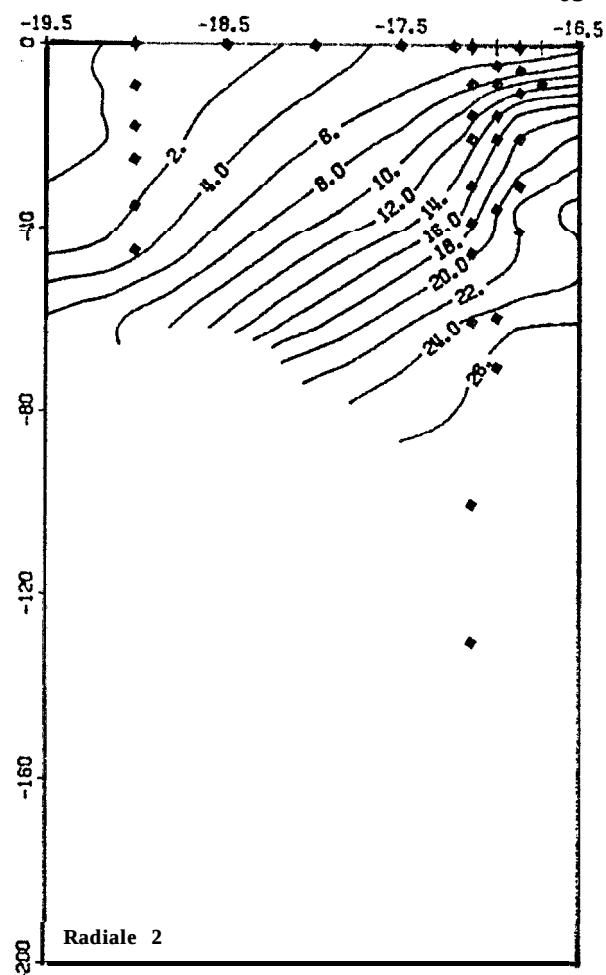
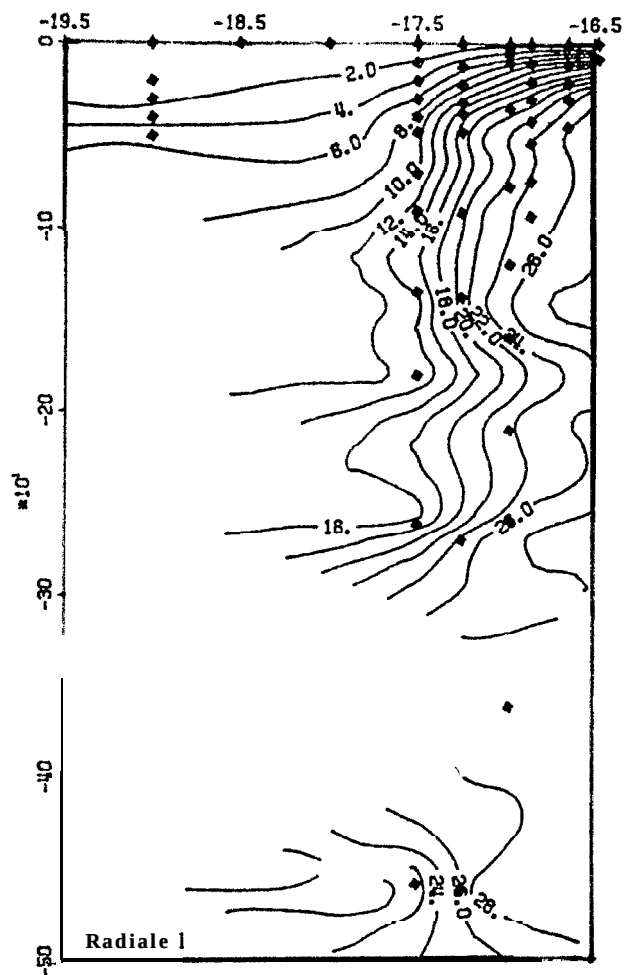


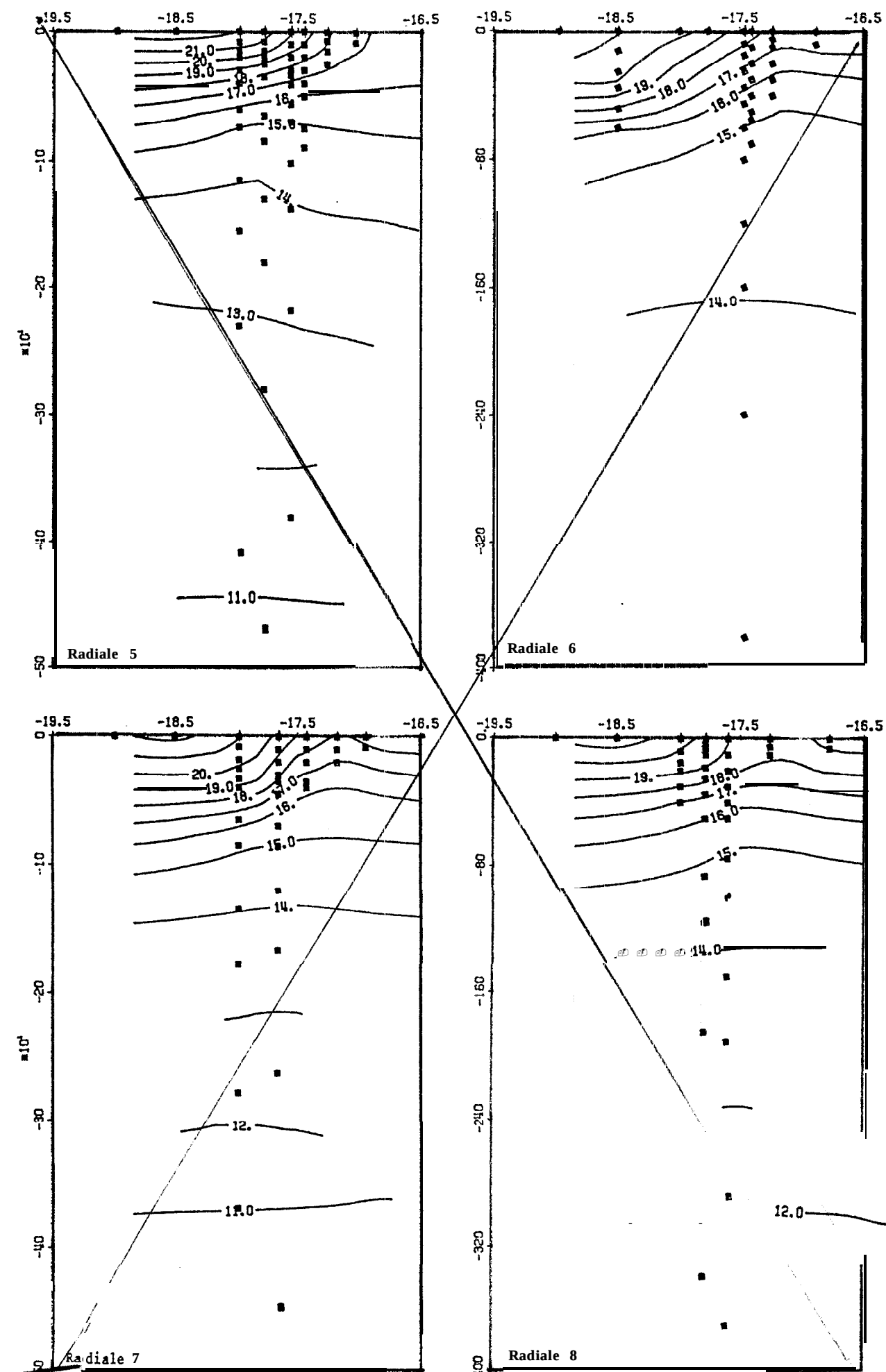




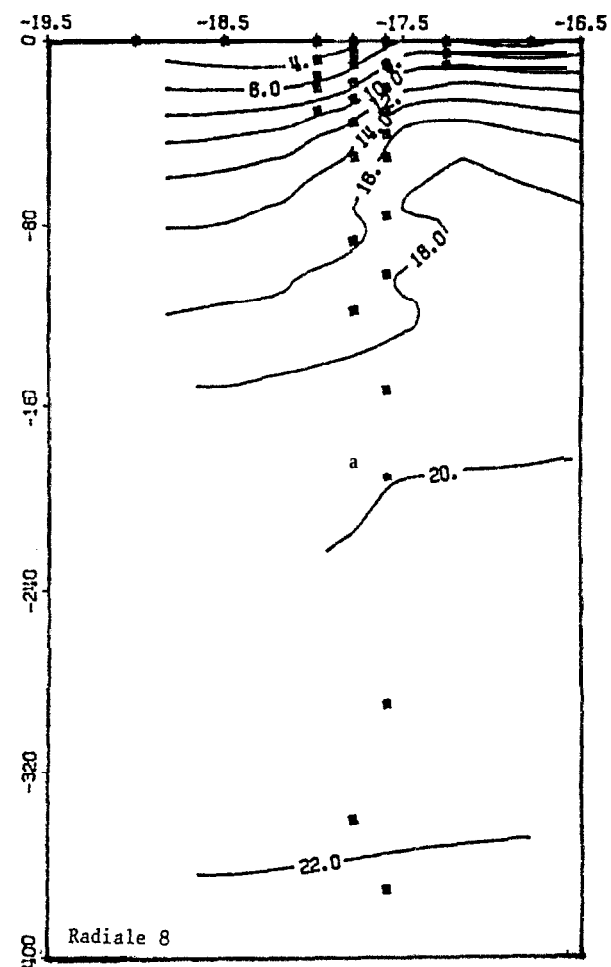
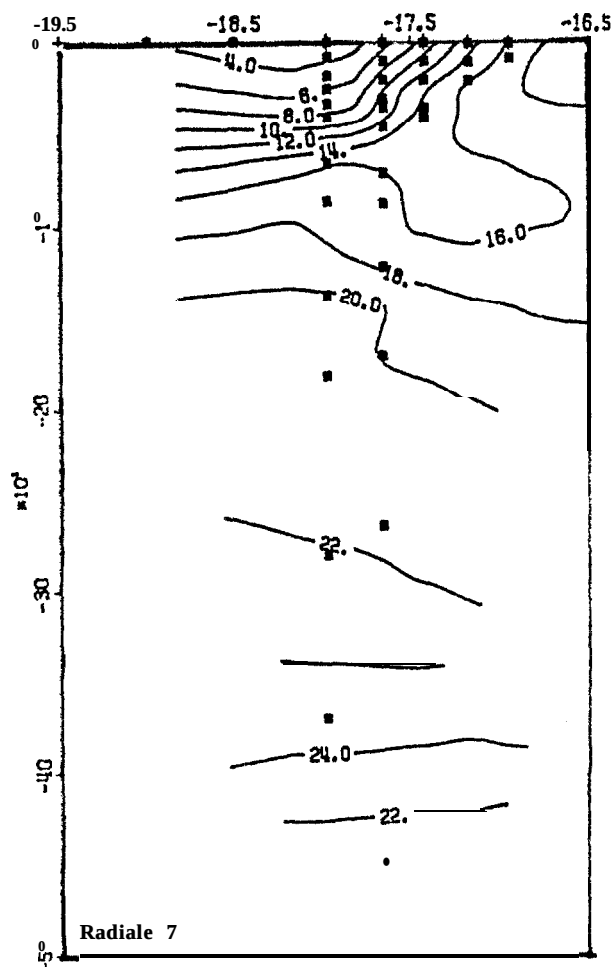
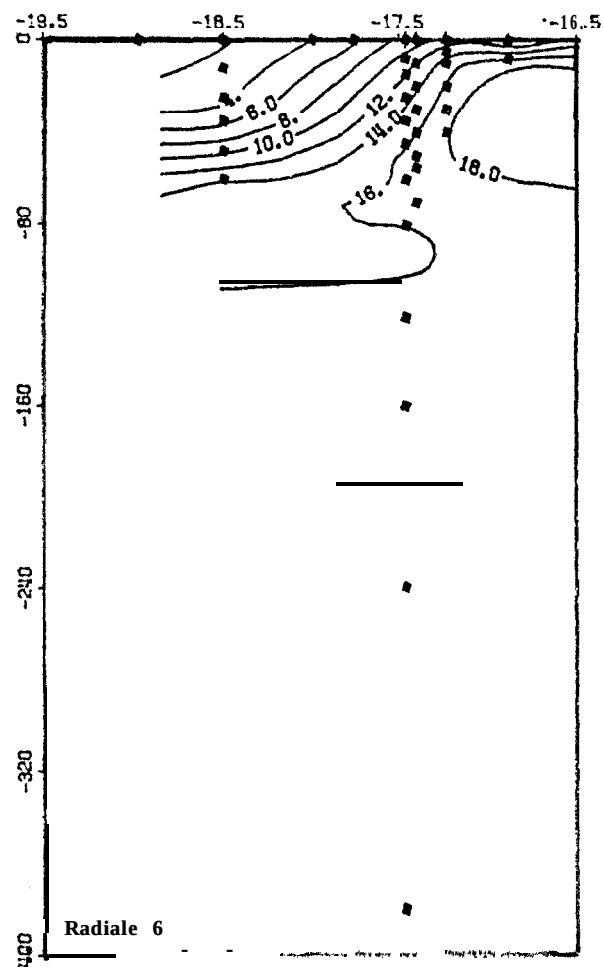
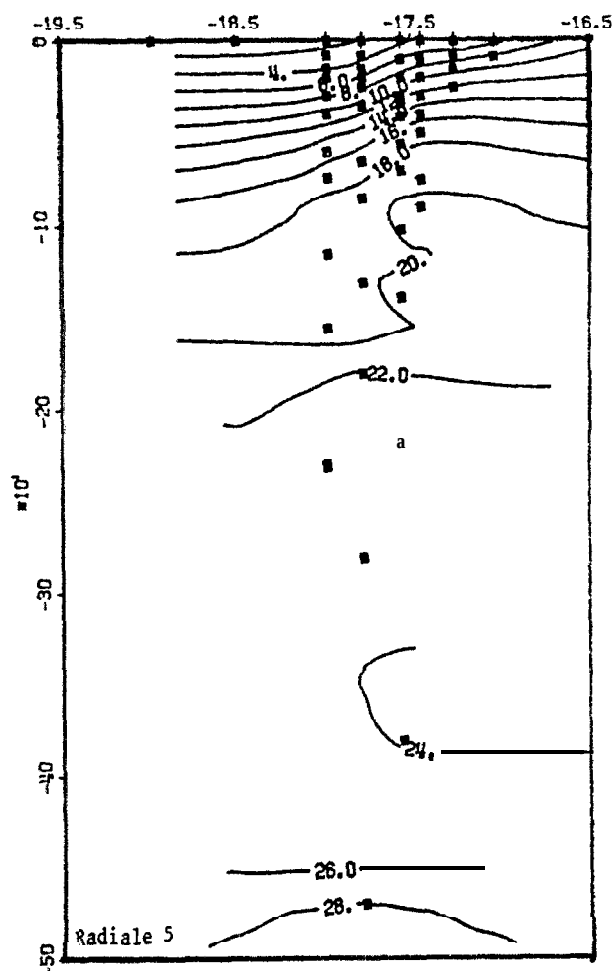


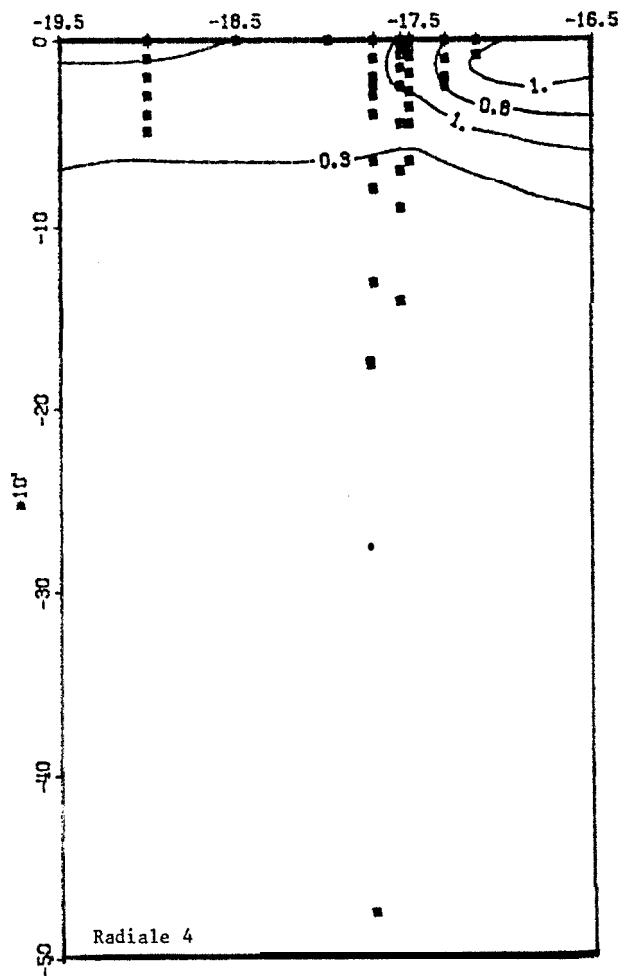
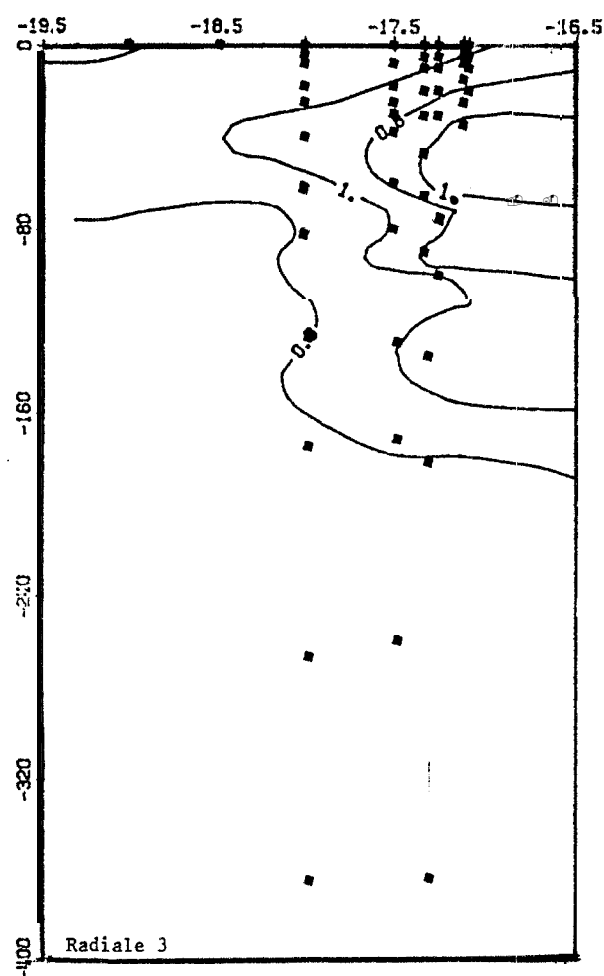
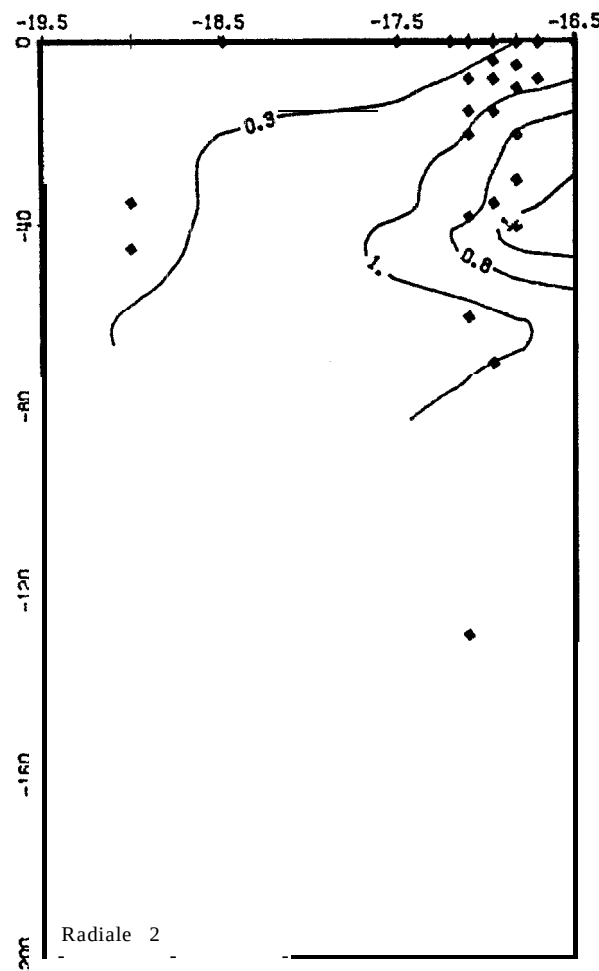
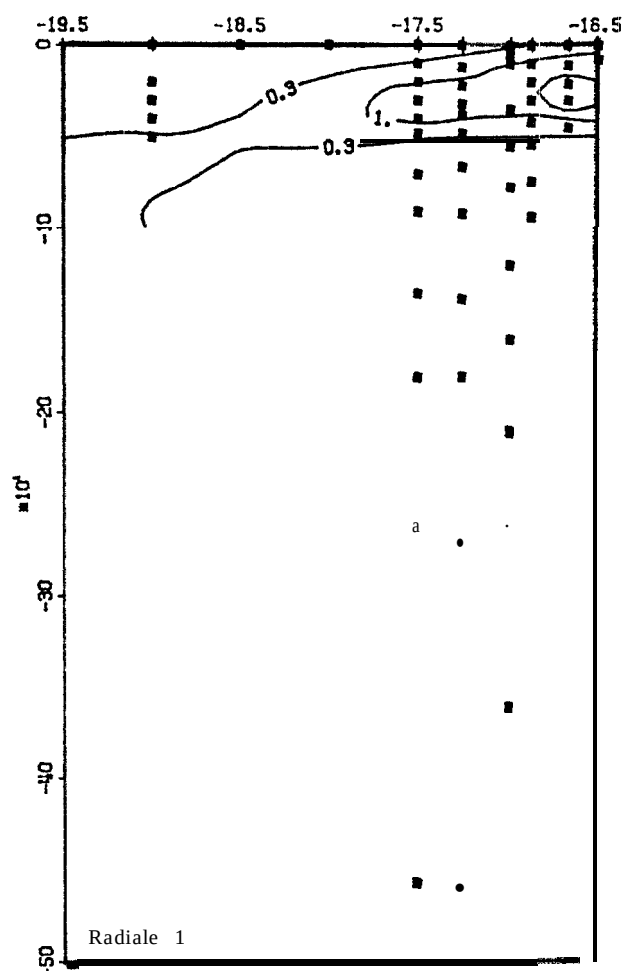


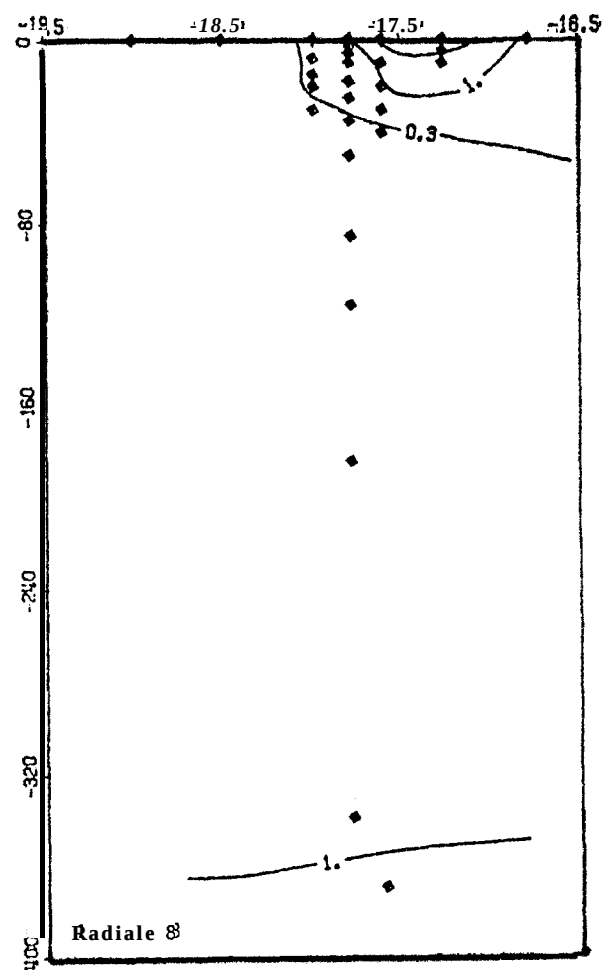
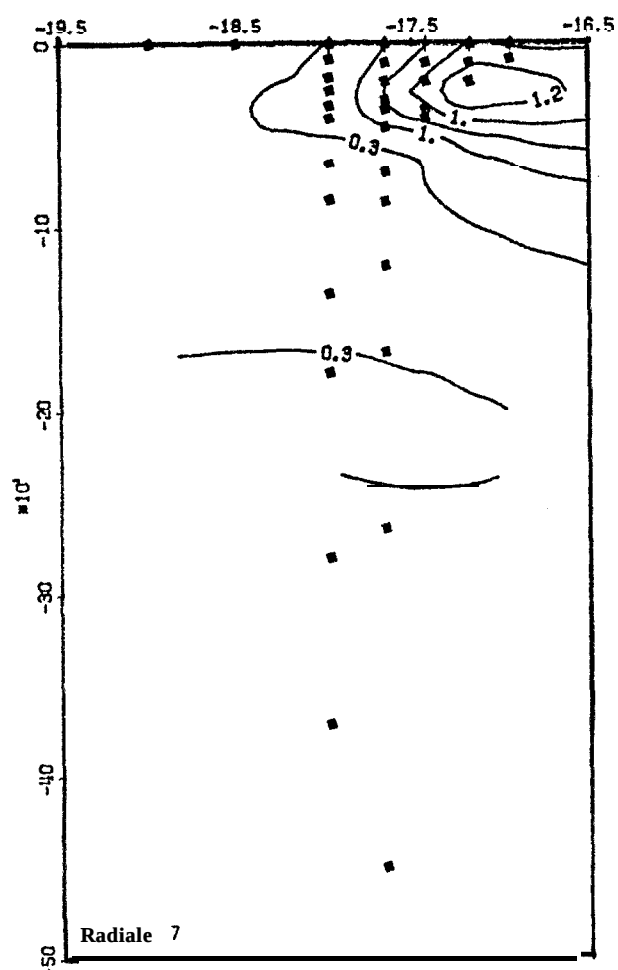
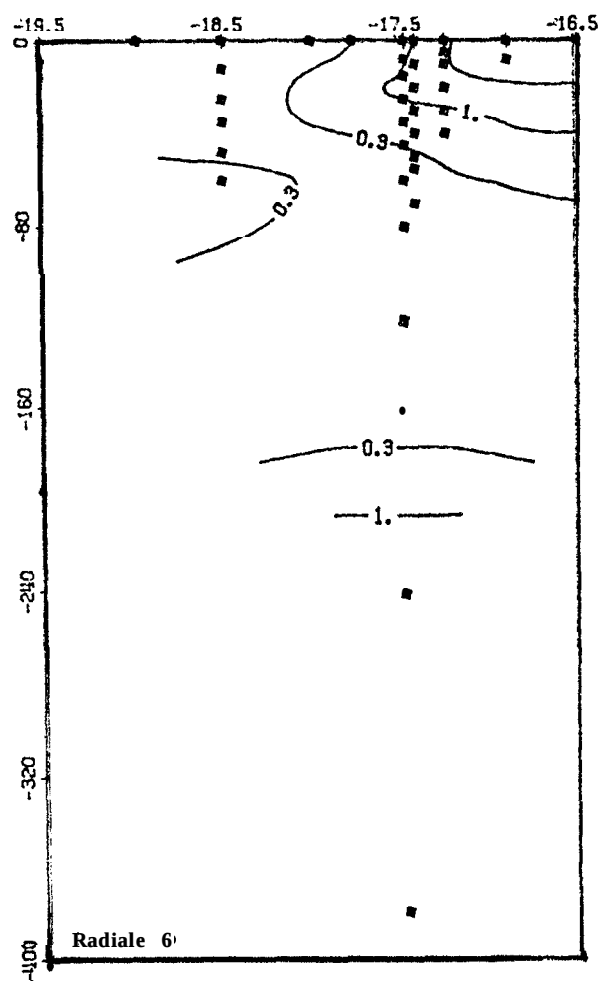
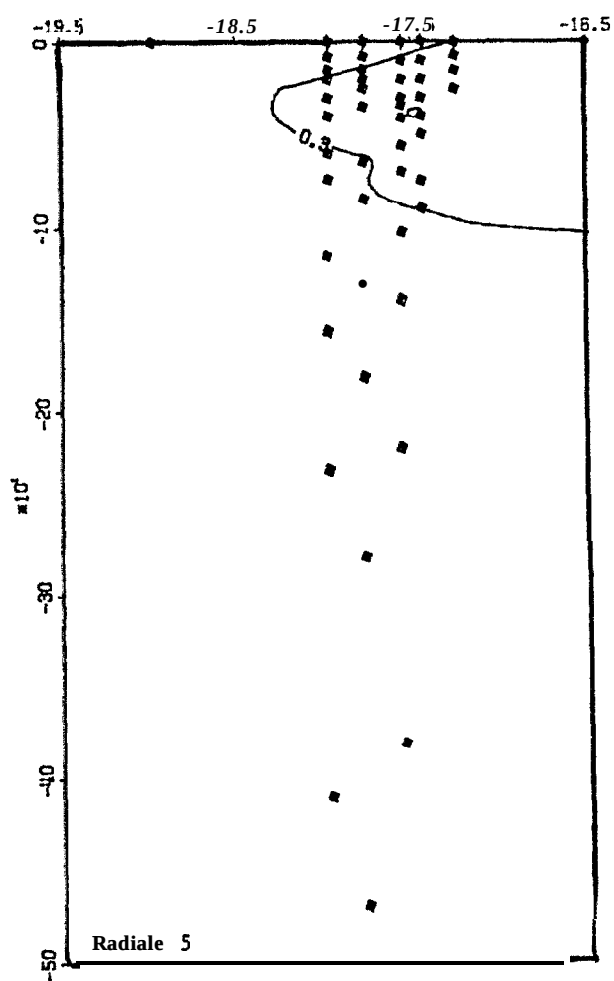


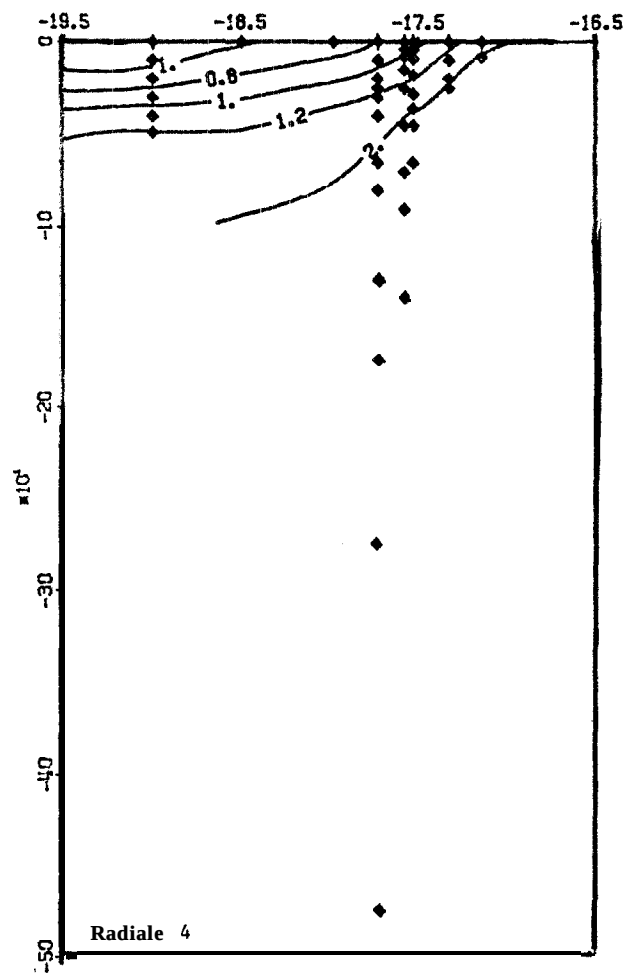
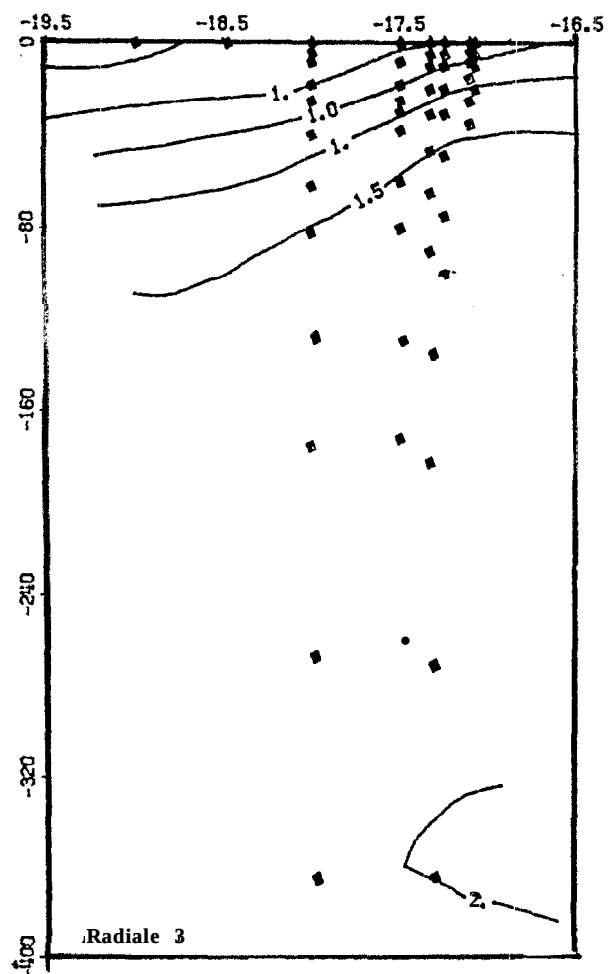
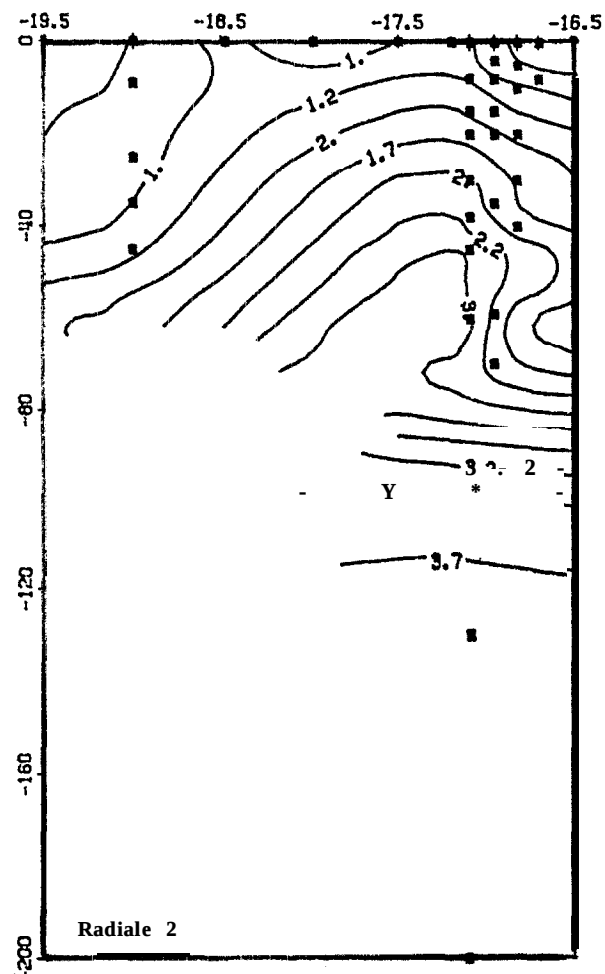
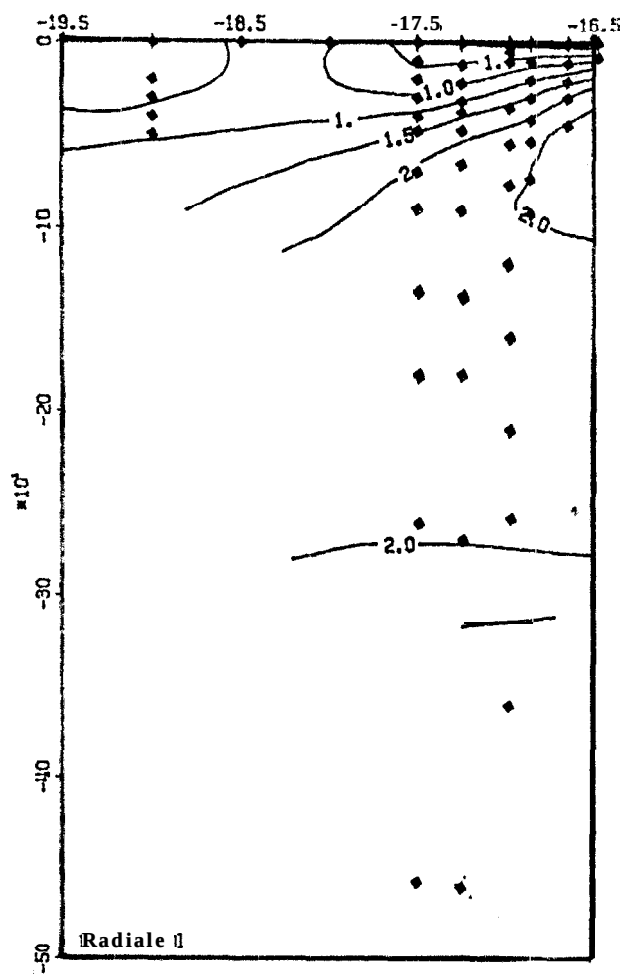


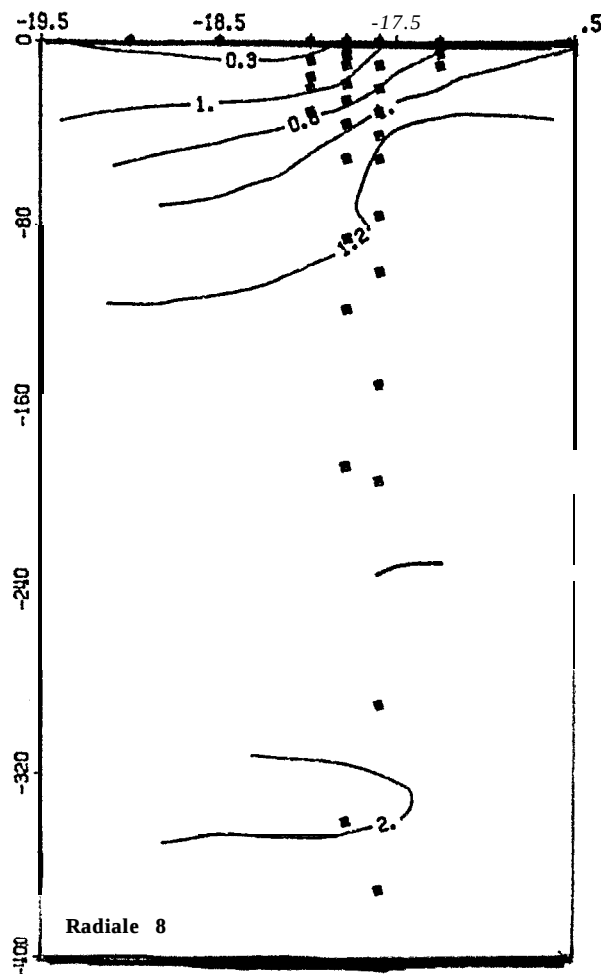
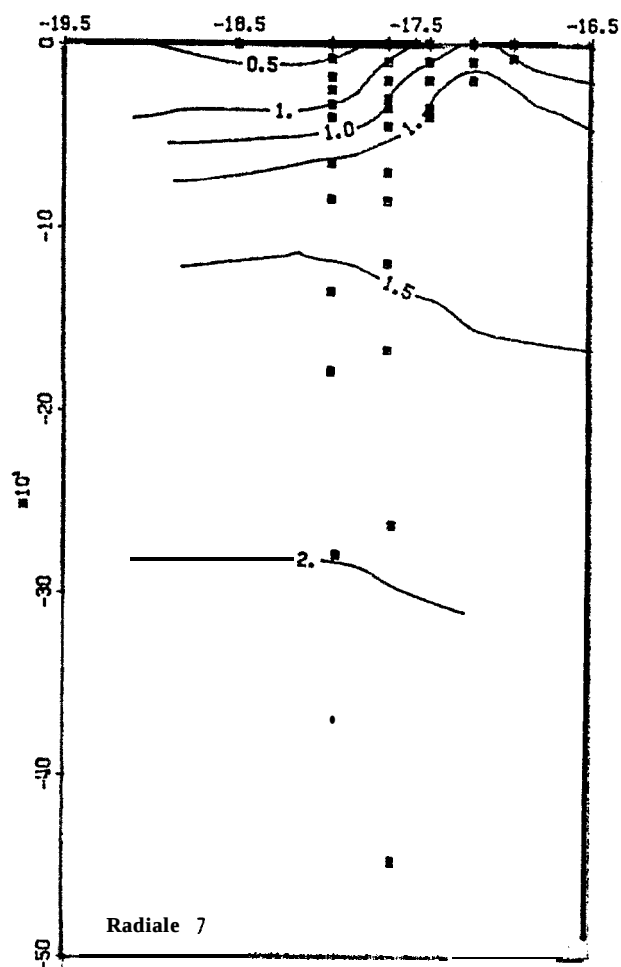
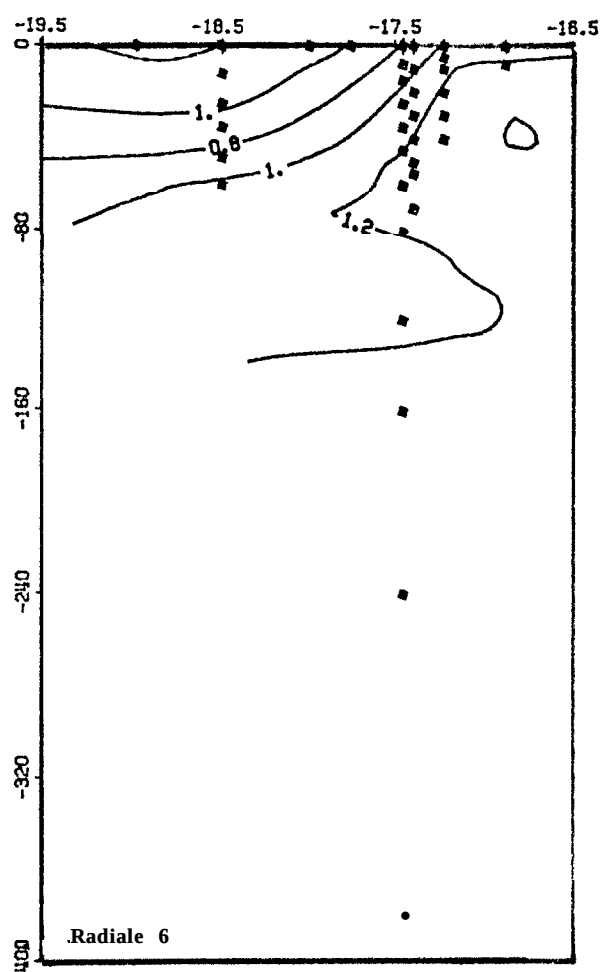
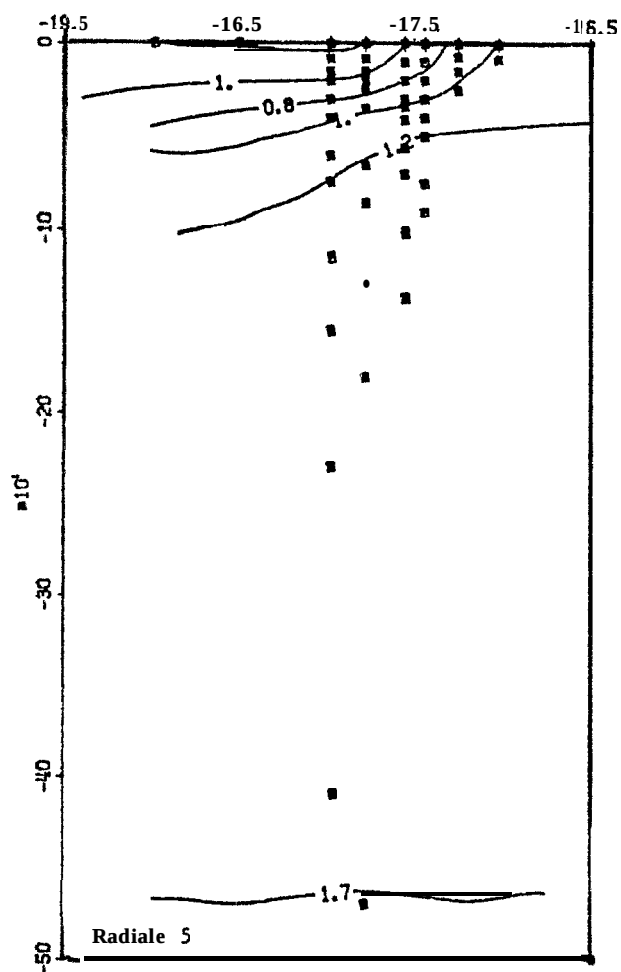
AMPAGNE 8707: TEMPERATURES (°C) PRISES AU THERMOMETRE

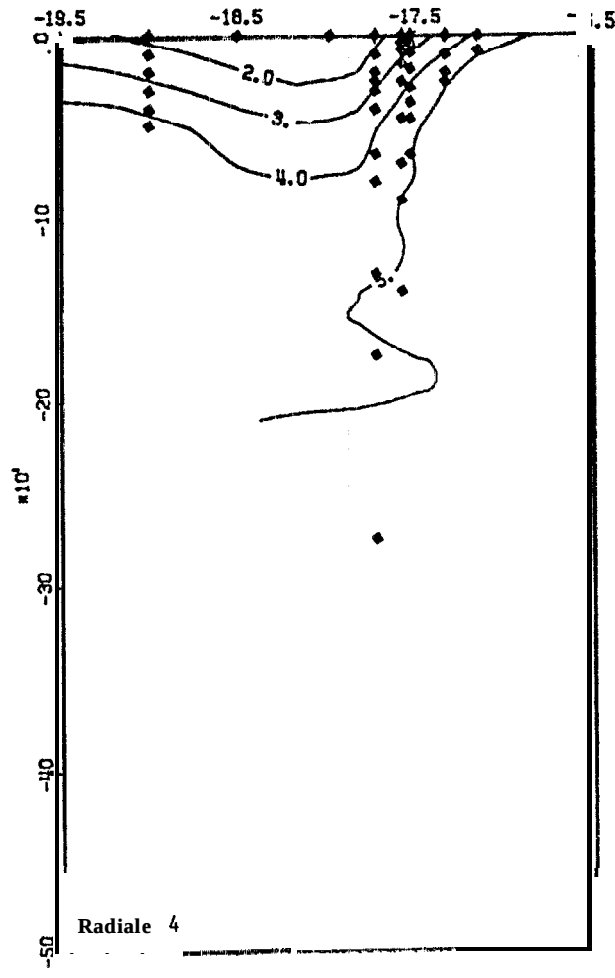
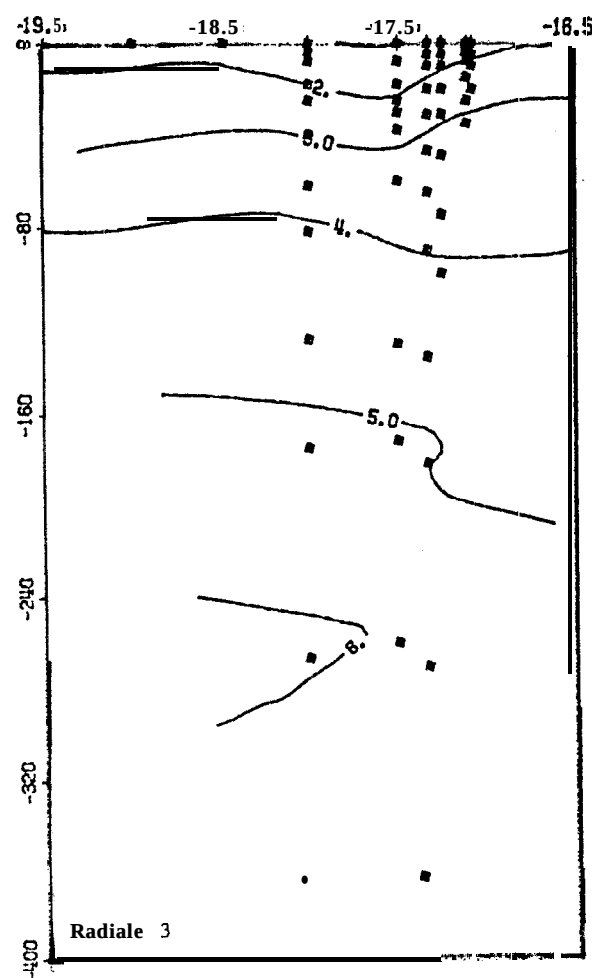
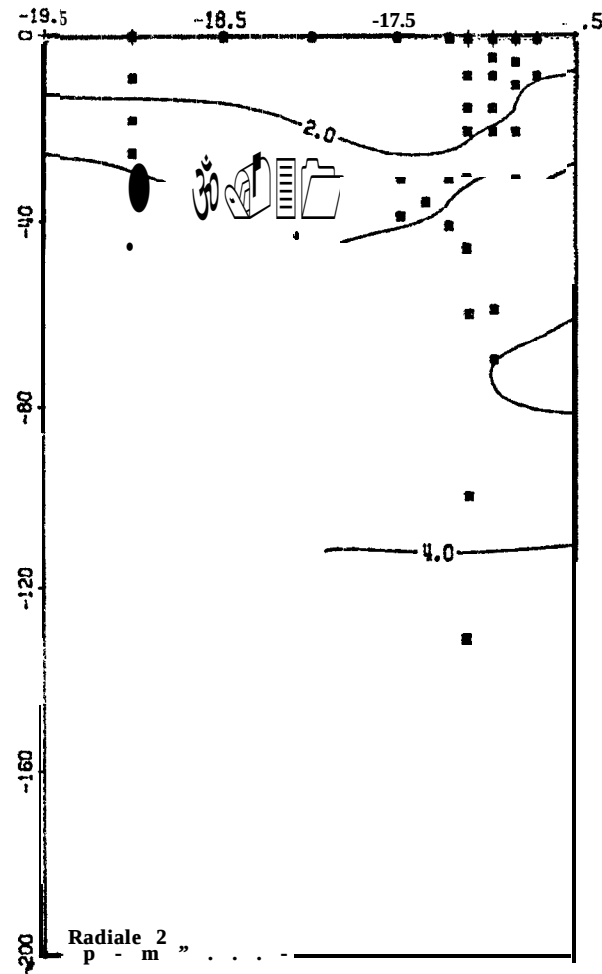
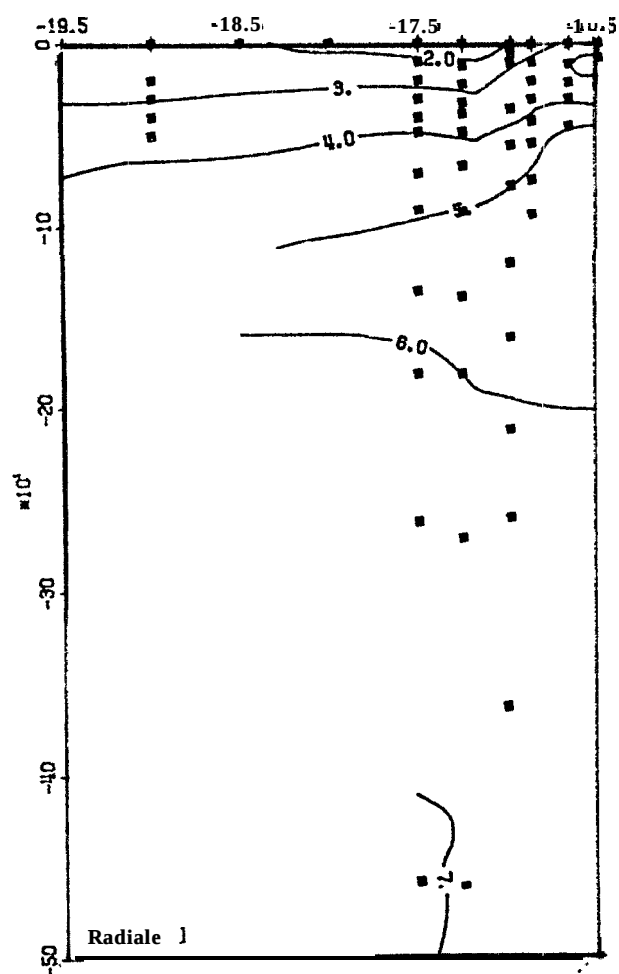


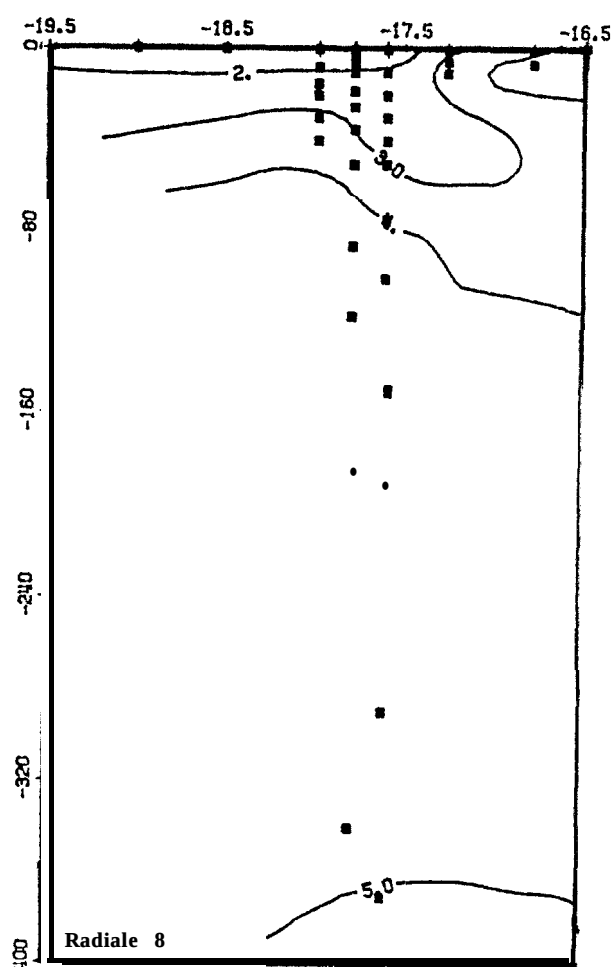
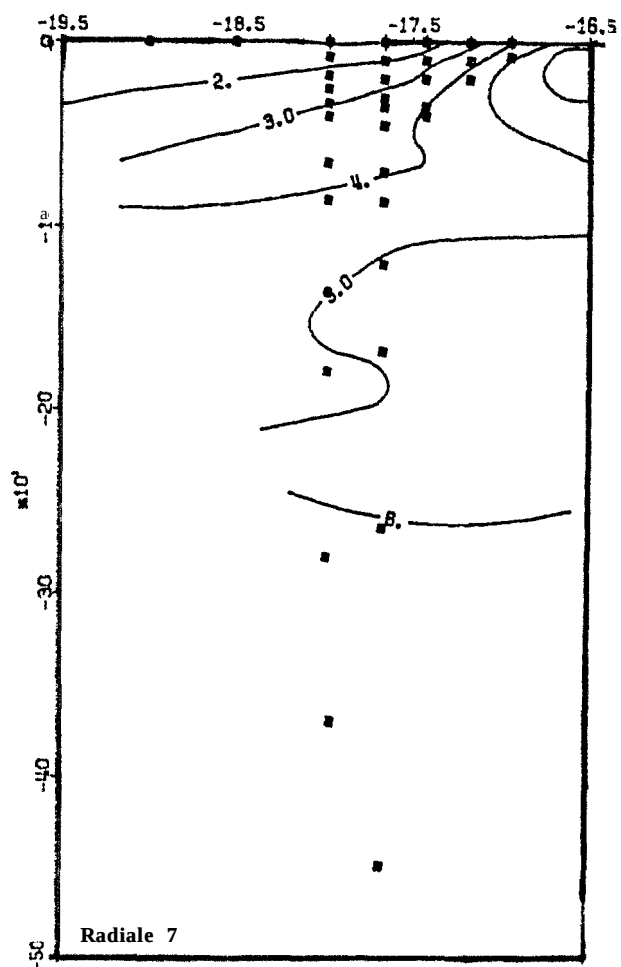
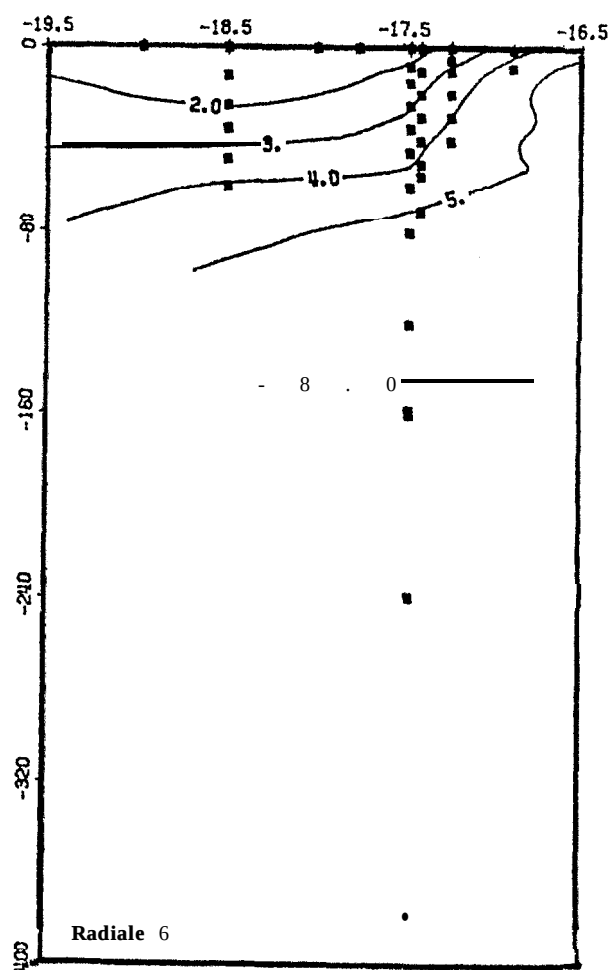
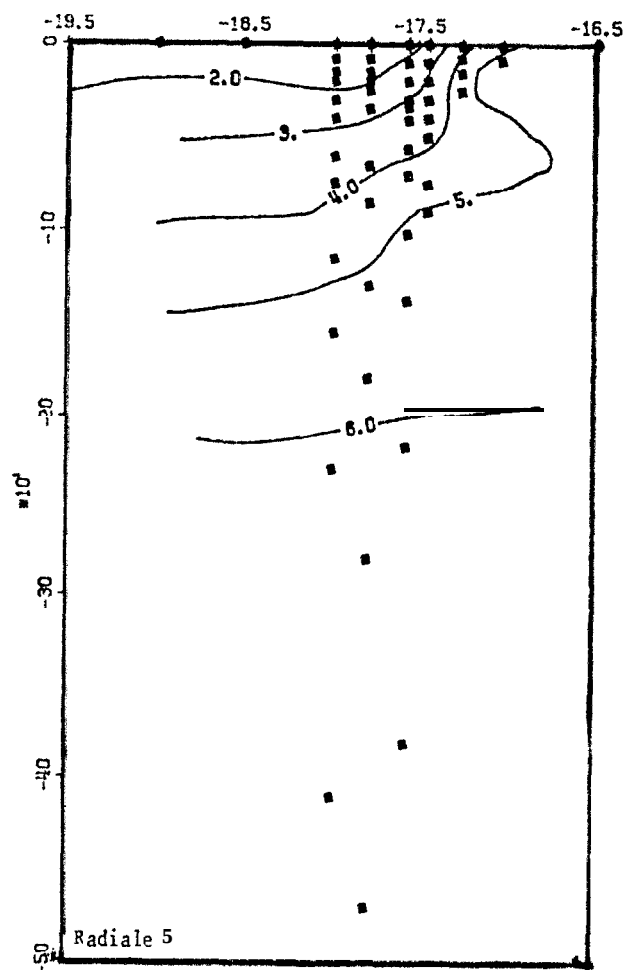


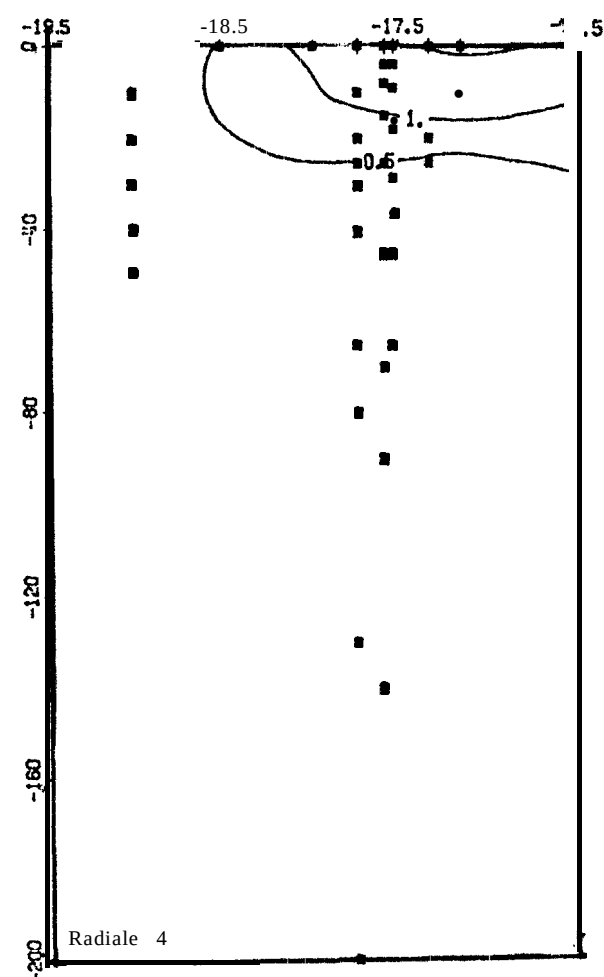
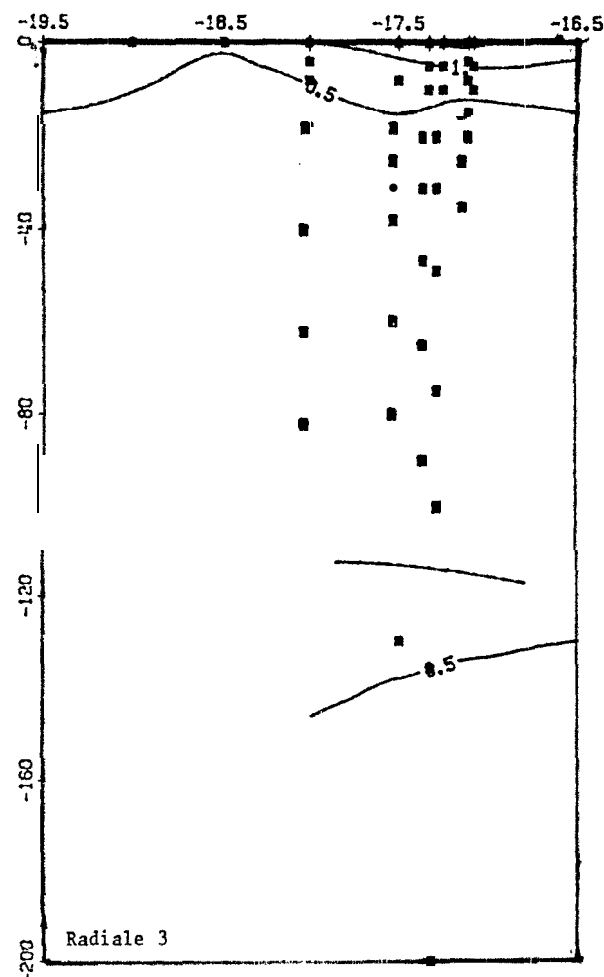
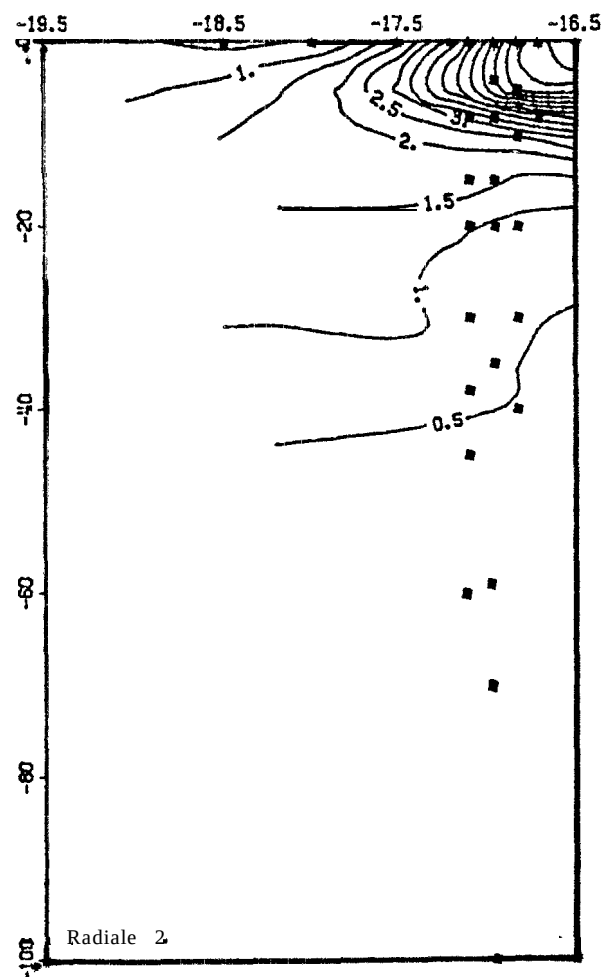
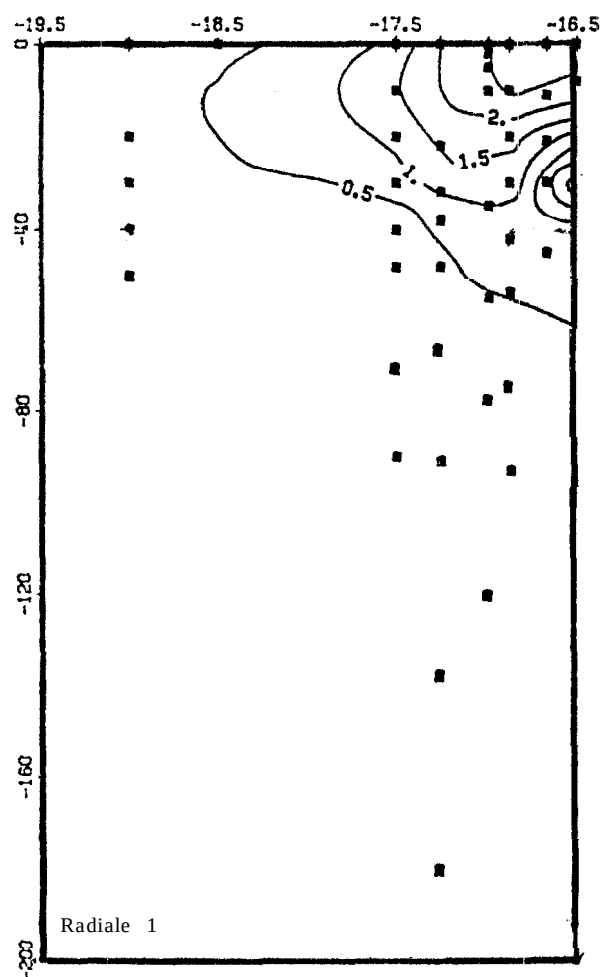


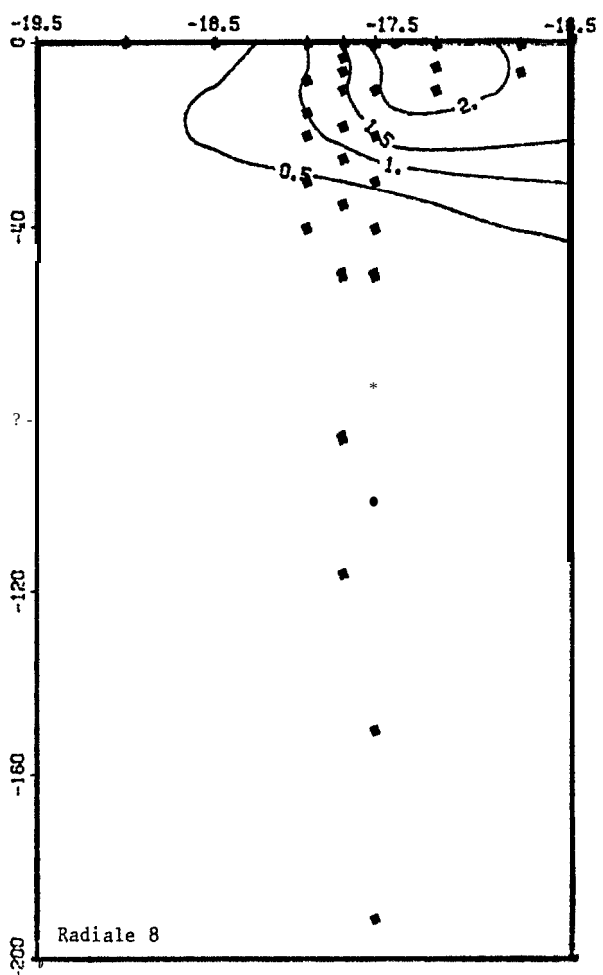
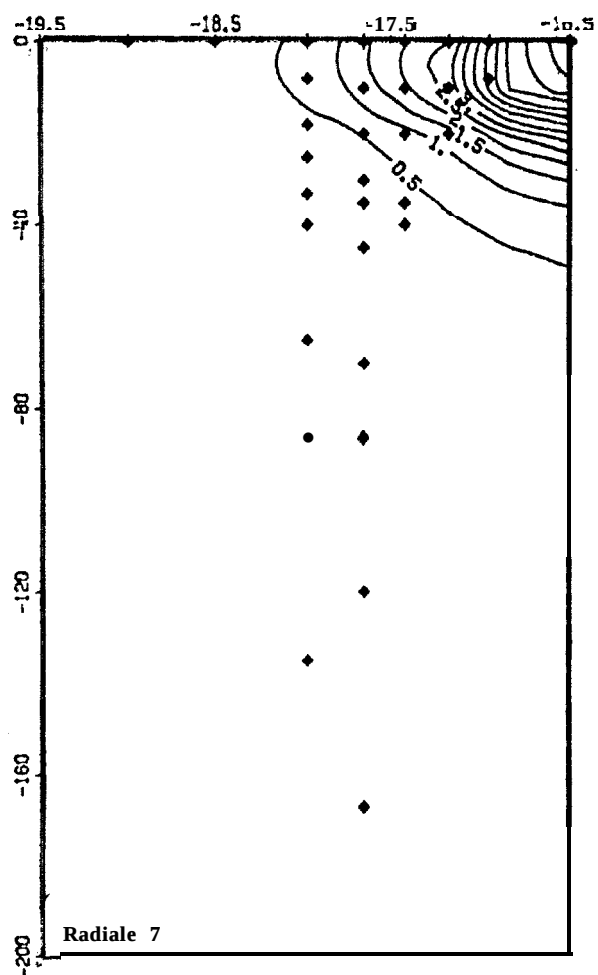
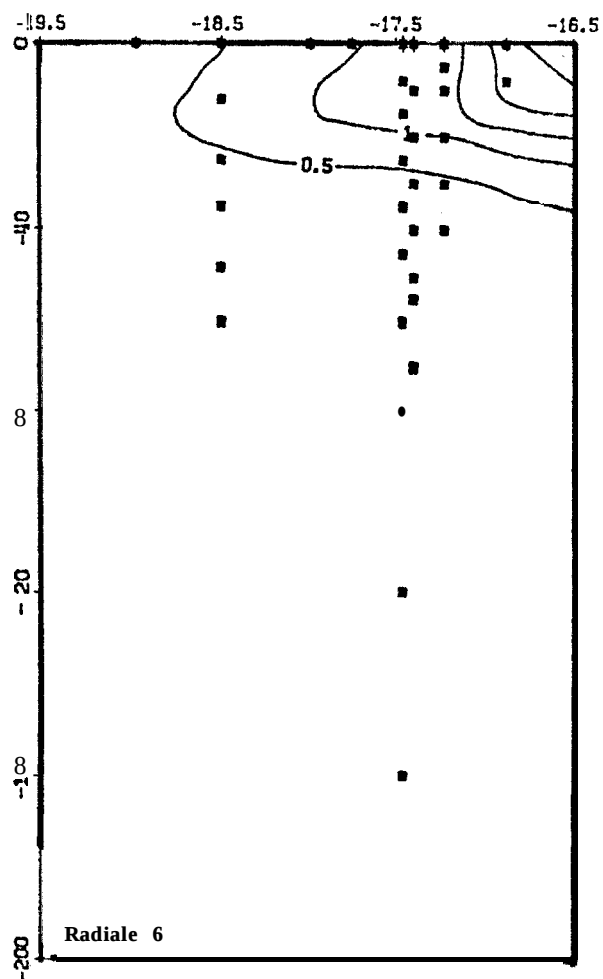
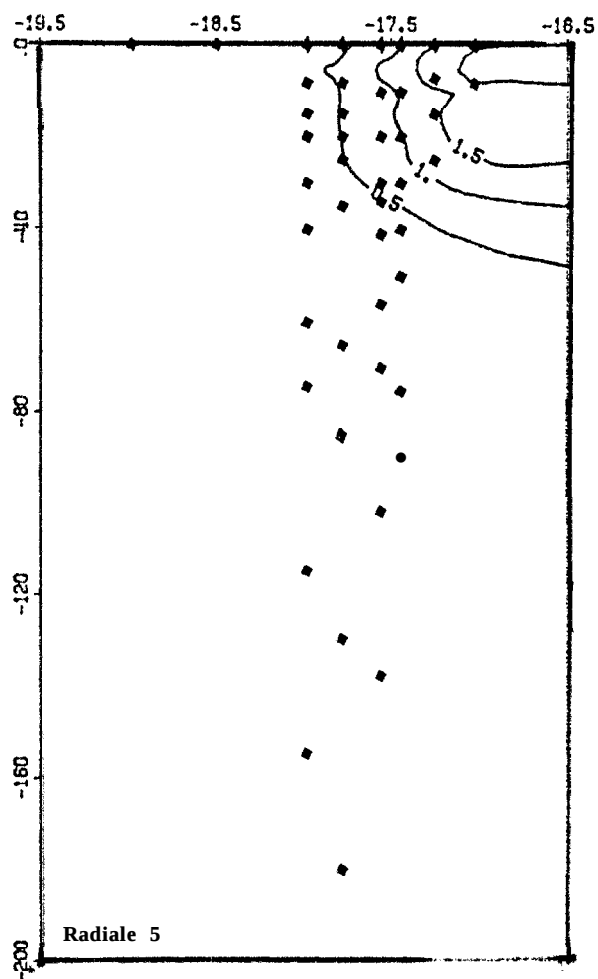


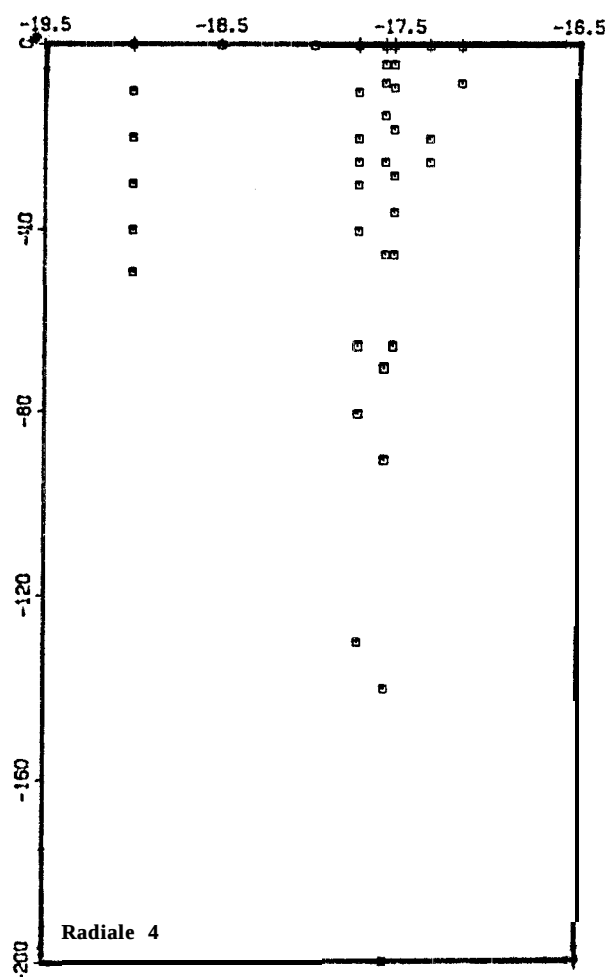
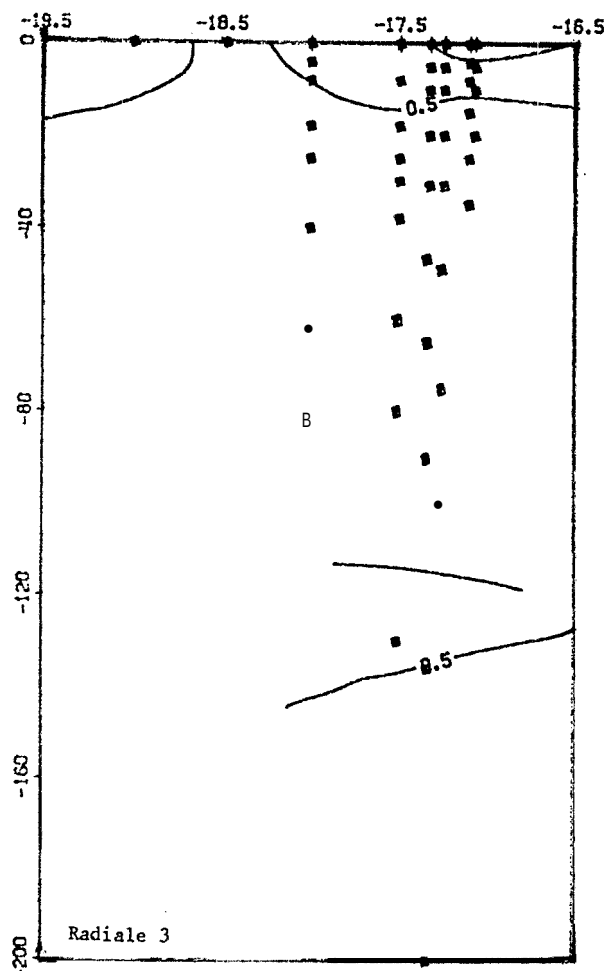
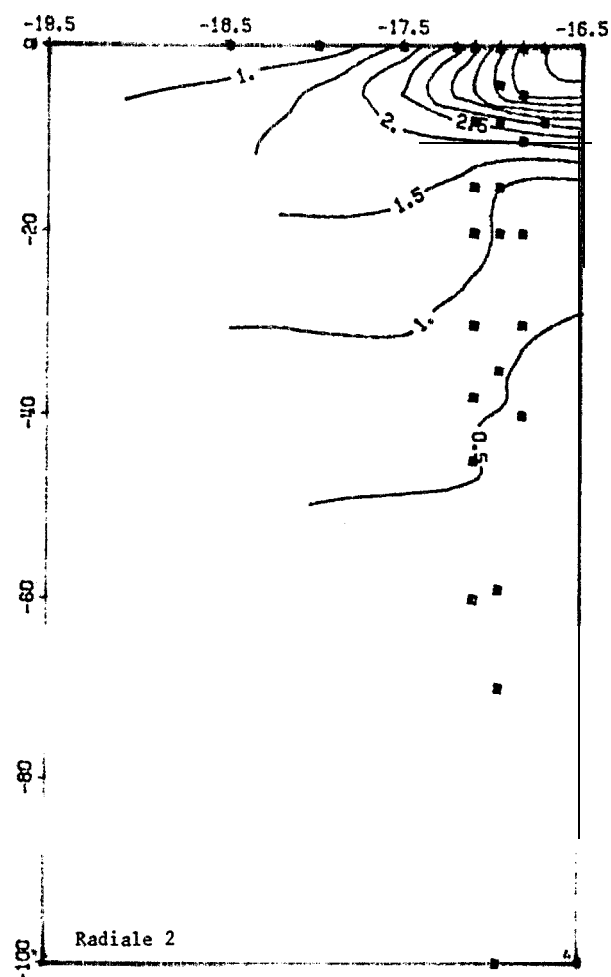
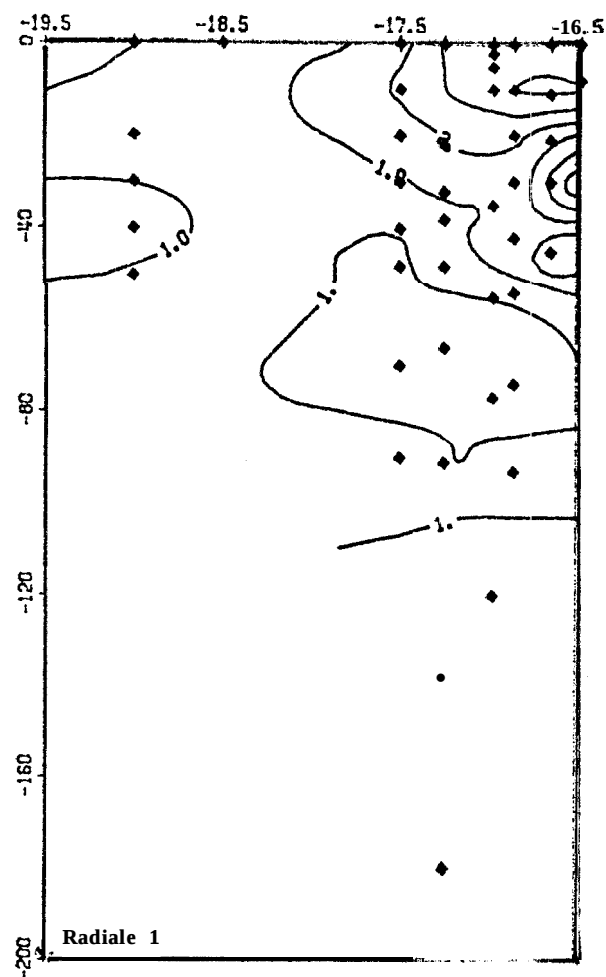


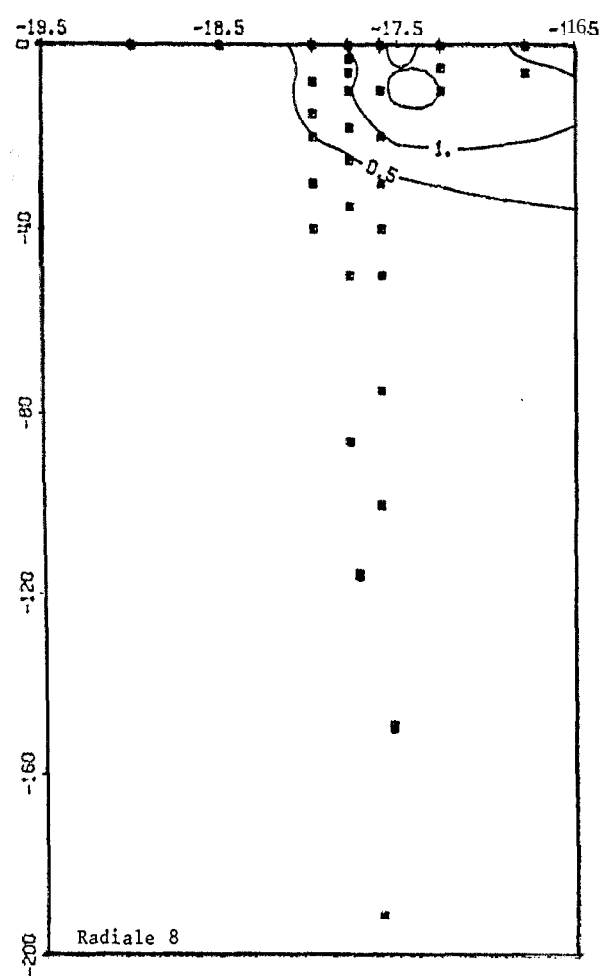
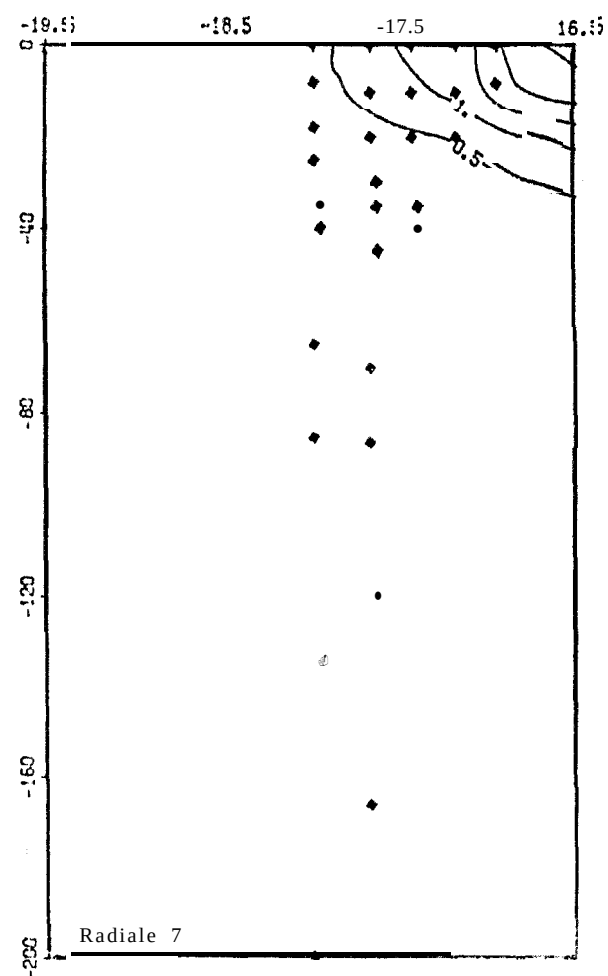
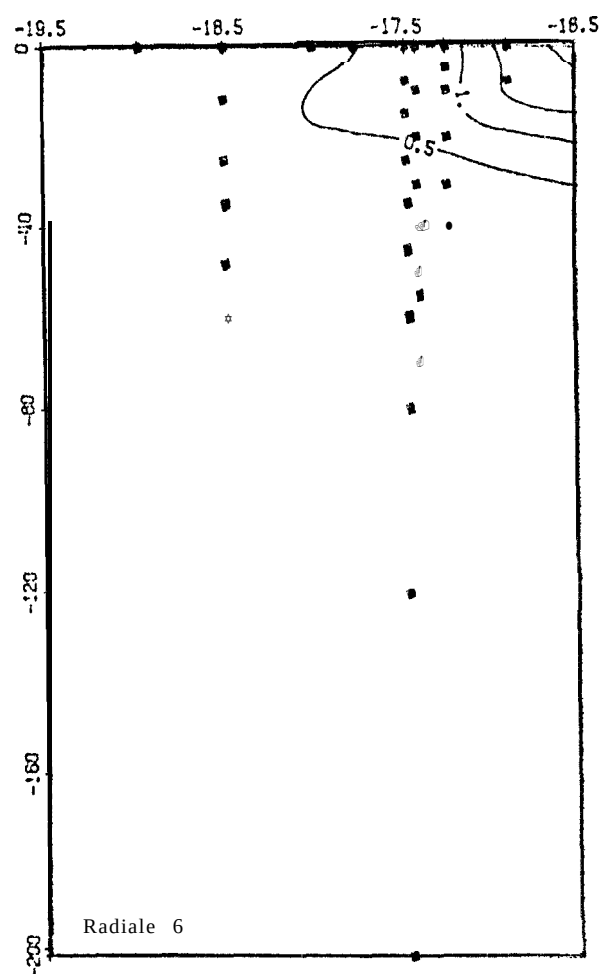
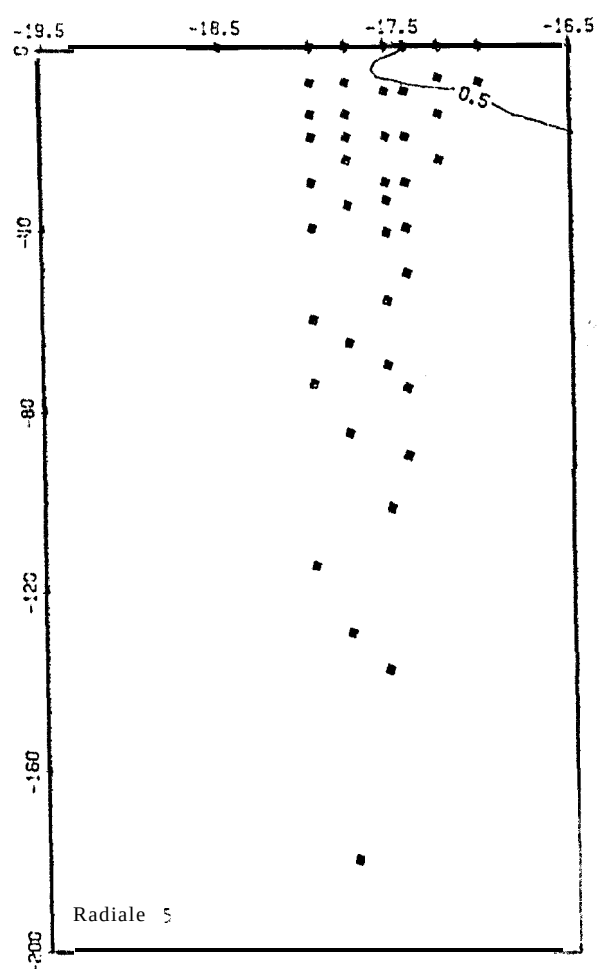












CAMPAGNE LOUIS SAUGER 18715

DU 15/09/1987 AU 22/09/1987

DONNEES PHYSIQUES

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	mmersions	temp	salinités	sigm	hdyn	radiales
8715	1	18.52	1601	1632	12	99.99	99.99	99.99	0	26	36.08	99.99	99.99	1
8715		18.52	1601	1632	12	99.99	99.99	99.99	5	25	36.05	99.99	99.99	1
8715		18.52	1601	1632	12	99.99	99.99	99.99	10	23	35.95	99.99	99.99	1
8715	2	20.24	1603	1641	50	w . w	99.99	99.99	0	26	36.11	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	5	26	36.11	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	10	26	36.10	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	15	24	35.99	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	20	21	35.86	99.99	99.99	1
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8715	2	20.24	1603	1641	50	w . w	99.99	99.99	30	19	35.81	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	35	18	35.77	99.99	99.99	1
8715	2	20.24	1603	1641	50	99.99	99.99	99.99	A0	17	35.72	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	0	w	99.99	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	5	w	99.99	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	10	27	36.06	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	15	27	36.07	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	20	26	36.03	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	25	22	35.82	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	30	20	35.82	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	35	19	35.80	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	A0	18	35.77	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	A5	16	35.67	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	50	15	35.62	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	55	15	35.58	99.99	99.99	1
8715	3	22.26	1602	1651	100	w . w	99.99	99.99	60	14	35.53	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	65	14	99.99	99.99	99.99	1
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8715	3	22.26	1602	1651	100	99.99	99.99	99.99	80	14	99.99	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	85	14	99.99	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	90	14	99.99	99.99	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	95	14	99.99	w . w	99.99	1
8715	3	22.26	1602	1651	100	99.99	99.99	99.99	100	14	99.99	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	0	28	99.99	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	5	28	99.99	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	10	28	99.99	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	15	23	99.99	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	20	20	36.07	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	25	26	35.90	99.99	99.99	1
8715	4	0.29	1602	1656	550	99.99	w . w	99.99	30	22	35.88	99.99	w . w	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	35	20	35.80	99.99	99.99	1
8715	4	0.29	1602	1654	550	99.99	99.99	99.99	A0	19	35.76	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	A5	18	35.77	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	50	17	35.75	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	55	16	35.68	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	60	15	35.64	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	65	15	35.61	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	70	15	35.59	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	75	15	35.57	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	80	14	35.57	99.99	99.99	1
8715	4	0.29	1602	1658	550	99.99	99.99	99.99	85	14	35.57	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	90	14	35.58	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	950	14	35.58	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	100	14	35.59	99.99	99.99	1
5715	A	0.29	1602	1658	550	99.99	99.99	99.99	110	14	35.58	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	120	14	35.53	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	130	13	35.48	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	140	13	35.48	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	150	13	35.47	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	w . w	160	13	35.45	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	170	13	35.43	99.99	99.99	1
5715	A	0.29	1602	1653	550	99.99	99.99	99.99	180	13	35.41	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	190	13	35.43	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	200	13	35.42	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	w . w	99.99	210	13	35.42	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	220	12	35.42	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	230	12	35.42	99.99	99.99	1
								99.99	240	12	35.38	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	250	12	35.38	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	260	12	35.44	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	270	12	35.41	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	280	12	35.43	99.99	99.99	1
8715	A	0.29	1602	1655	550	99.99	99.99	99.99	290	12	35.52	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	300	12	35.50	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	310	12	35.48	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	320	12	35.44	99.99	99.99	1
8715	A	0.29	1602	1654	550	99.99	99.99	99.99	330	12	35.41	99.99	99.99	1
8715	A	0.29	1602	1658	550	99.99	99.99	99.99	340	11	35.40	99.99	99.99	1
8715	A	0.29	1602	1658	550	w . w	99.99	99.99	350	11	35.36	99.99	99.99	1
0715	A	0.29	1602	1658	550	99.99	99.99	99.99		11	35.36	99.99	99.99	1

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8 7 1 5	4	0.29	1602	1658	550	99.99	99.99	99.99	370	11	35.36	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	80	15	35.79	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	85	15	35.73	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	90	15	35.68	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	950	14	35.61	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	100	14	35.57	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.w	99.99	110	14	35.57	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.w	99.99	120	14	35.56	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.w	99.99	130	13	35.50	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	140	13	35.47	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	150	13	35.41	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.W	99.99	160	12	35.36	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	170	12	35.33	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	180	12	35.32	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.W	99.99	190	12	35.34	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	200	12	35.32	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	210	12	35.35	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	220	12	35.40	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	230	12	35.43	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	240	12	35.40	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	250	12	35.58	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	260	12	35.36	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	270	11	35.33	99.w	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	280	11	35.33	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	290	11	35.35	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	300	11	35.37	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	310	12	35.40	99.99	99.99	1
8715	5	3.21	1602	1715	1950	99.99	99.99	99.99	320	11	35.39	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	330	11	35.43	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	340	11	35.40	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	350	11	35.39	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	360	11	35.38	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	370	11	35.37	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	380	11	35.34	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	390	11	35.31	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	400	10	35.28	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	410	10	35.28	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	420	10	35.27	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	430	10	35.26	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	440	10	35.26	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	450	10	35.25	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.w	99.99	460	10	35.25	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	470	10	35.24	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	480	10	35.24	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	490	9	35.21	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	500	9	35.19	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	520	9	35.15	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	540	9	35.12	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	560	8	35.10	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	580	8	35.08	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	600	8	35.05	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	620	8	35.04	99.99	99.99	1
8 7 1 5	5	3.24	1602	1715	1950	99.99	99.99	99.99	640	8	35.M	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	660	7	35.01	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	680	7	34.99	99.99	99.99	1
8715	5	3.24	1602	1715	1950	99.99	99.99	99.99	700	7	34.97	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	0	28	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	5	28	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	10	28	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	15	28	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	20	28	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.w	99.99	25	-28	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	30	28	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	35	23	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	40	21	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.w	99.99	45	20	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	50	19	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	55	18	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	60	17	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	65	17	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	70	16	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	75	15	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	80	15	99.99	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	85	14	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.w	99.99	90	14	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	95	14	99.99	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	100	14	35.42	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.w	99.99	110	13	35.44	99.99	99.99	1
8715	6	6.01	1602	1729	3000	99.99	99.99	99.99	120	13	35.41	99.99	99.99	1
8 7 1 5	6	6.01	1602	1729	3000	99.99	99.99	99.99	130	13	35.38	99.99	99.99	1

compagne	stations	heures	latitude	longitude	fond	tsech	vltvent	dirvent	immersions	t emp	salinités	sgm	hdyv	radiates
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	5	28.00	36.05	99.99	99.99	1
8715	9	17.54	1601	1900	3000	99.99	99.W	99.99	10	28.00	36.05	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	15	28.W	36.05	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	20	28.00	36.05	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	25	27.00	35.98	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	30	26.00	35.87	99.99	99.99	1
8715	9	17.54	1601	1900	3000	99.99	99.99	99.99	35	23.00	35.83	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	40	21.w	35.74	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	45	20.w	35.79	99.99	99.99	1
8715	9	17.66	1601	1900	3000	99.99	99.99	99.99	50	19.m	35.77	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	55	18.W	35.73	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	60	17.00	35.73	99.99	99.99	1
8715	9	17.54	1601	1900	3000	99.99	99.99	99.99	65	17.00	35.74	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	70	17.00	35.72	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.w	99.99	75	16.00	35.68	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	80	16.00	35.65	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	85	16.00	35.64	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	90	15.00	35.60	99.99	99.99	1
8715	9	17.66	1601	1900	3000	99.99	99.99	99.99	95	15.00	35.57	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	100	15.00	35.55	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	110	14.00	35.51	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	120	14.00	35.49	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	130	14.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	140	14.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	150	13.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	160	13.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	170	13.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	180	13.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	190	12.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.w	99.99	200	12.00	99.99	99.99	99.99	1
8715	9	17.56	1601	19.w	3000	99.99	99.99	99.99	210	12.00	99.99	99.99	99.99	1
8715	9	17.66	1601	1900	3000	99.w	99.99	99.99	220	12.w	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	230	12.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	240	11.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	250	11.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	260	11.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.w	99.99	99.99	270	11.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	280	11.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.w	99.99	290	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	300	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	310	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	3000	99.99	99.99	99.99	99.99	320	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	330	10.00	99.99	99.99	99.99	1
8715	9	17.54	1601	1900	3000	99.99	99.99	99.99	340	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	350	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	360	10.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	370	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	380	9.w	99.99	99.99	99.99	1
8715	9	17.66	1601	1900	3000	99.99	99.99	99.99	390	9.w	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	400	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	410	9.m	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	420	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	430	9.w	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	440	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	450	9.w	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	460	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	470	9.w	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	480	9.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.w	99.99	490	8.00	99.99	99.99	99.99	1
8715	9	17.56	1601	1900	3000	99.99	99.99	99.99	500	8.00	99.99	99.99	99.99	1
8715	10	21.40	1529	1860	3000	99.99	99.w	99.99	0	99.00	'9999.00'	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	5	28.00	35.86	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	10	28.00	35.67	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	15	28.00	35.88	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	20	28.00	36.14	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	25	25.00	36.09	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	30	22.00	35.78	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	35	19.00	35.71	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	40	18.00	35.æ	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	w.w	99.99	45	18.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	50	18.W	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	55	18.M	99.99	99.99	'99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	60	17.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	65	16.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	70	16.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	75	16.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	80	15.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	85	15.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	90	14.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	95	14.00	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitude:	fond	tsech	vivent	dirvent	immersions	temp	salinités	sign	hdy	radiales
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	100	14.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	110	14.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	120	13.W	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	130	13.00	w . w	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	140	13.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	150	13.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	160	13.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	170	12.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	180	12.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	190	12.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	2 W	12.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.w	99.99	210	12.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.w	99.99	220	12.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	230	12.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.w	99.99	99.99	240	12.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	250	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	260	11.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	270	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	280	11.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	290	11.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	300	11.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	310	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	320	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	330	11.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	340	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	350	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	360	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	370	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	380	11.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	390	10.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	4 W	10.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	w.w	99.99	99.99	410	10.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	420	10.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	430	10.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	M O	10.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	450	10.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	460	10.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	470	10.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	480	10.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	490	9.w	w . w	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.w	99.99	500	9.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	520	9.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	540	9.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	560	9.w	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.w	99.99	580	9.00	99.99	99.99	99.99	2
8715	10	21.40	1529	1860	3000	99.99	99.99	99.99	600	8.W	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	0	28.00	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	5	28.W	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	10	28.W	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	15	28.00	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	20	28.W	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	25	28.W	35.82	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	30	27.W	35.74	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	35	24.00	35.76	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	40	21.00	35.76	99.99	99.99	2
8715	ii	1.38	1530	1829	3000	99.99	99.99	99.99	45	19.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	50	18.W	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	55	18.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	60	17.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	65	17.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	70	16.W	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	75	16.W	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	80	15.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1a29	3000	99.99	99.w	99.99	85	15.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	90	15.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	95	15.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	100	15.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	110	15.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	120	14.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	130	14.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.w	99.99	140	14.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	150	13.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	160	13.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	180	13.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	190	13.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1a29	3000	99.99	99.99	99.99	200	12.w	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	210	12.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	220	12.00	99.99	99.99	99.99	2
8715	11	1.34	1530	1a29	3000	99.99	99.99	99.99	230	12.00	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirivent	immersions	temp	salinités	sigm	hctyn	radiales
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	240	12.m	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	250	12.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	260	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	270	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	280	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	290	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	300	11.00	99.99	99.99	99.99	2
8715	11	1.35	1530	1829	3000	99.99	99.99	99.99	310	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	320	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	330	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	340	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	350	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	360	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	370	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	380	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	390	11.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	4 m	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	410	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	w . w	420	10.00	99.99	99.99	99.99	2
8 7 1 5	11	1.38	1530	1829	3000	99.99	99.99	99.99	430	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	440	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	450	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	460	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	470	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	480	10.00	99.99	99.99	99.99	2
8715	11	1.38	1530	1829	3000	99.99	99.99	99.99	490	9 . m	99.99	99.99	99.99	2
8 7 1 5	11	1.38	1530	1829	3000	99.99	99.99	99.99	500	9.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	0	28.00	99.99	w . w	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	5	18.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	10	28.m	99.99	99.99	99.99	2
8 7 1 5	12	5.16	1530	1800	2000	99.99	99.99	99.99	15	28.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	20	28.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	25	28.00	99.99	99.99	99.99	2
8 7 1 5	12	5.16	1530	1800	2000	99.99	99.99	99.99	30	26.00	99.99	99.99	99.99	2
8 7 1 5	12	5.16	1530	1800	2000	w . w	99.99	99.99	35	2 . i . m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	40	23.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	45	2u.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	50	19.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	55	18.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	60	17.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	65	17.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	70	16.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	75	15.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	80	15.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	85	15.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	90	15.00	99.99	99.99	99.99	2
8 7 1 5	12	5.16	1530	1800	2000	99.99	99.99	99.99	95	15.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	100	14.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	110	14.m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	120	14 . m	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	130	13.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	140	13.W	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	150	13.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	160	13.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	170	13.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	180	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	190	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	200	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	210	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	220	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	230	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	240	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	250	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	260	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	270	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	280	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	290	12.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	300	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	310	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	320	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	330	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	340	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	350	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	360	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	370	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	380	11.00	99.99	w . w	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	390	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.W	99.99	400	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	410	11.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	420	10.00	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	divrent	mmersions	temp	salinités	sgm	hdyv	radiales
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	430	10.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	440	10.00	99.99	99.99	99.99	2
a715	12	5.16	1530	1800	2000	99.99	99.99	99.99	456	10.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	460	10.00	99.99	99.99	99.99	2
8715	12	5.16	1530	1800	2000	99.99	99.99	99.99	470	10.00	99.99	99.99	99.99	2
8715	13	5.16	1530	1800	2000	99.99	99.99	99.99	460	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	0	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	5	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	10	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	15	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	20	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	i i	28.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	30	27. m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	35	25.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	40	22.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	45	20. m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	50	20. m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	55	i9. m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	60	18.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	20m	99.99	99.99	99.99	65	17.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	20m	99.99	99.99	99.99	70	17.00	99.99	99.99	99.99	2
8715	13	9.04	1 5 2 8	1727	2000	99.99	99.99	99.99	75	16.00	99.99	99.99	99.99	2
6715	13	9.04	1 5 2 8	1727	2000	99.99	99.99	99.99	80	15.00	99.99	99.99	99.99	2
8715	13	9.04	152.9	1727	2000	99.99	99.99	99.99	85	15.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2mo	99.99	99.99	99.99	90	15.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	95	15.00	99.99	99.99	99.99	2
8715	13	9.04	152.9	1727	2000	99.99	99.99	99.99	100	14.00	99.99	99.99	99.99	2
8715	13	9.04	1 5 2 8	1727	20m	99.99	99.99	99.99	110	14.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	20m	99.99	99.99	99.99	120	14.00	99.99	99.99	99.99	2
8715	13	9.04	1 5 2 8	1727	2000	99.99	99.99	99.99	130	14.00	99.99	99.99	99.99	2
8715	13	9.M	1528	1727	2000	99.99	99.99	99.99	140	1 3.m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	150	13.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	160	13.00	99.99	99.99	99.99	2
8715	13	9.04	1521	1727	2000	99.99	99.99	99.99	170	13.00	99.99	99.99	99.99	2
8715	13	9.04	152.3	1727	2000	99.99	99.99	99.99	180	13.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	190	13.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	200	12.00	99.99	99.99	99.99	2
8715	13	9.M	1528	1727	2mo	99.99	99.99	99.99	210	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	220	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	230	12.00	99.99	99.99	99.99	2
8 7 1 5	13	9.04	1528	1727	2000	99.99	99.99	99.99	240	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	250	12.00	99.99	99.99	99.99	2
8 7 1 5	13	9.04	1528	1727	2000	99.99	99.99	99.99	260	12.00	99.99	99.99	99.99	2
8715	13	9.M	1528	1727	2000	99.99	99.99	99.99	2 7 0	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	280	12.m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	290	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	300	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	310	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	320	12.00	99.99	99.99	99.99	2
6715	13	9.04	1528	1727	2000	99.99	99.99	99.99	330	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	340	12.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	350	12.00	99.99	99.99	99.99	2
8715	13	9.04	152.9	1727	2000	99.99	99.99	99.99	360	11.00	99.99	99.99	99.99	2
8 7 1 5	13	9.04	1528	1727	2000	99.99	99.99	99.99	370	11.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	380	11.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	390	11.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	4m	11.00	99.99	99.99	99.99	2
8 7 1 5	13	9.M	1528	1727	2000	99.99	99.99	99.99	410	10.00	w. w	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	420	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	430	10.00	99.99	99.99	99.99	2
8 7 1 5	13	9.04	1528	1727	20m	99.99	99.99	99.99	440	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	450	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	20m	99.99	99.99	99.99	460	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	470	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	480	10. m	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	2000	99.99	99.99	99.99	490	10.00	99.99	99.99	99.99	2
8715	13	9.04	1528	1727	20m	99.99	99.99	99.99	500	9. m	99.99	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	0	2.3.m	35.72	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	5	28.00	35.74	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	10	28. m	35.76	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	15	28.00	35.70	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	20	28. m	35.81	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	25	28.00	35.70	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	30	27.00	35.70	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	35	24.00	35.63	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	40	22. m	35.63	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	45	22. w	99.99	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	50	20.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	55	19.00	w. m	99.99	99.99	2
8715	14	11.24	1 5 2 9	1710	460	99.99	99.99	99.99	60	19.00	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	lsec	vivent	dirvent	immersions	temp	salinités	sgm	hdayn	radcales
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	65	18.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	70	17.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	75	17.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	80	16.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	85	15.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	90	15.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	95	15.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	100	14.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	110	14.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	120	14.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	130	14.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	140	14.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	150	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	160	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	170	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	180	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	190	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	200	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	210	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	220	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	230	13.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	240	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	250	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	260	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	270	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	280	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	290	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	300	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	310	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	320	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	330	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	340	12.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	350	11.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	360	11.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	370	11.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	380	11.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	390	11.00	99.00	99.99	99.99	2
8715	14	11.24	1529	1710	460	99.99	99.99	99.99	400	11.00	99.00	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	0	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	5	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	10	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	15	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	20	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	25	27.00	36.09	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	30	27.00	36.10	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	35	27.00	36.10	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	40	27.00	36.10	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	45	24.00	35.81	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	50	21.00	35.79	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	55	18.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	60	17.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	65	17.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	70	16.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	75	16.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	80	16.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	85	15.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	90	15.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	95	15.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	100	15.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	110	15.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	120	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	130	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	140	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	150	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	160	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	170	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	180	14.00	99.99	99.99	99.99	2
8715	15	12.27	1530	1704	210	99.99	99.99	99.99	190	13.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	0	27.00	36.08	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	5	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	10	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	15	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	20	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	25	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	30	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	35	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	40	27.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	45	26.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	50	23.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1668	110	99.99	99.99	99.99	55	21.00	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vltvent	dirvent	immersions	temp	salinités	sigm	hodyn	radiales
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	60	19.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	65	17. w	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	1 1 0	99.99	99.99	99.99	70	16.00	99.99	99.99	99.99	2
5715	16	13.31	1544	1658	110	99.99	99.99	99.99	75	16.00	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	80	15. w	99.99	99.99	99.99	2
8715	16	13.31	1544	1668	110	99.99	99.99	99.99	85	15.00	99.99	99.99	99.99	2
5715	16	13.31	1544	1658	110	99.99	99.99	99.99	90	15. w	99.99	99.99	99.99	2
8715	16	13.31	1544	1658	110	99.99	99.99	99.99	95	14. w	99.99	99.99	99.99	2
8715	17	17.27	1529	1653	50	99.99	99.99	99.99	0	27.00	99.99	99.99	99.99	2
8 7 1 5	17	17.27	1529	1653	50	99.99	99.99	99.99	5	27. w	99.99	99.99	99.99	2
8715	18	19.38	1530	1645	15	99.99	99.99	99.99	0	26.00	35.94	99.99	99.99	2
8715	18	19.38	1530	1645	15	99.99	99.99	99.99	5	26.00	34.03	99.99	99.99	2
8715	19	23.34	1500	1705	25	99.99	99.99	99.99	0	27.00	35.53	99.99	99.99	3
8715	19	23.34	1500	1705	25	99.99	99.99	99.99	5	27.00	35.55	99.99	99.99	3
8715	19	23.34	1500	1705	25	99.99	99.99	99.99	10	27. w	35.64	99.99	99.99	3
8 7 1 5	19	23.34	1500	1705	2 5	99.99	99.99	99.99	15	26. w	35.73	99.99	99.99	3
8715	19	23.34	1500	1705	25	99.99	99.99	99.99	20	24.00	35.79	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	0	21. w	35.54	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	5	27.00	36.57	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	10	27. w	35.73	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	15	26. w	35.90	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	20	13. w	35.88	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	25	22. w	35.87	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	30	20.00	35.79	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	35	18.00	35.74	99.99	99.99	3
8715	20	0.43	1500	1706	52	99.99	99.99	99.99	40	17.00	35.68	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	0	28. w	35.53	99.99	99.99	3
8715	21	2.16	1500	1715	1 0 8	99.99	99.99	99.99	5	28.00	35.83	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	10	27.00	36.04	99.99	99.99	3
8715	21	2.16	1500	1715	1 0 8	99.99	99.99	99.99	15	21. w	36.04	99.99	99.99	3
8715	21	2.16	1500	1715	1 0 8	99.99	99.99	99.99	20	22. w	35.86	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	25	21.00	35.85	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	30	21. w	35.83	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	35	19. w	35.81	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	40	18.00	35.78	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	45	17. w	35.70	99.99	99.99	3
8715	21	2.16	1500	1715	1 0 8	99.99	99.99	99.99	50	16.00	35.64	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	55	15. w	35.62	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	60	15. w	35.61	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	65	15. w	35.59	99.99	99.99	3
8715	21	2.16	1500	1715	105	99.99	99.99	99.99	70	15.00	35.58	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	75	15. w	35.57	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	80	15.00	35.57	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	85	15.00	35.56	99.99	99.99	3
8715	21	2.16	1500	1715	108	99.99	99.99	99.99	90	14.00	35.56	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	0	28. w	35.72	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	5	28.00	35.86	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	10	27.00	36.30	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	15	27.00	35.92	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	20	22. m	35.82	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	25	21.00	35.84	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	30	20. w	35.83	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	35	19.00	35.82	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	40	19.00	35.81	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	45	19. w	35.80	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	50	18.00	35.75	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	5 5	17.00	35.72	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	60	17.00	35.70	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	65	16.00	35.68	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	70	16. m	35.65	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	75	15.00	35.61	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	50	15.00	35.60	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	85	15. w	35.55	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	90	15. w	35.58	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	95	15.00	35.57	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	100	15.00	35.57	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	105	14.00	35.55	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	110	14.00	35.52	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	115	14.00	35.45	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	120	14.00	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	125	13.00	35.48	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	130	13.00	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	135	13. w	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	140	13.00	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	145	13. w	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	150	13.00	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	160	13. w	35.46	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	165	13.00	35.45	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	170	13.00	35.44	99.99	99.99	3
8715	22	4.02	1500	1721	500	99.99	99.99	99.99	175	13. m	35.43	99.99	99.99	3

campagne	stations	heures	latitudes	longitudes	fond	itech	vivent	dirvent	immersions	temp	tailinités	slgm	hdyn	radiales
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	20	24.00	35.86	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	25	22.00	35.80	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	30	21.00	35.79	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	35	20.00	35.78	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	40	18.00	35.75	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	45	18.00	35.73	99.99	99.99	3
8715	24	9. W	1500	1759	2000	99.99	99.99	99.99	50	17.00	35.71	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	55	17.00	35.70	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	60	16.00	35.68	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	65	16.00	35.67	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	70	16.00	35.65	99.99	99.99	3
5.715	24	9.09	1500	1759	2000	99.99	99.99	99.99	75	15.00	35.66	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99. w	99.99	99.99	80	15.00	35.64	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	a5	15.00	35.61	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	90	15.00	35.58	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	95	14.00	35.56	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	100	14.00	35.54	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	110	14.00	35.54	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	120	14.00	35.52	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	140	14.00	35.31	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	150	14.00	35.50	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	160	13.00	35.46	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	170	13.00	35.45	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	180	13.00	35.41	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	190	13.00	35.41	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	200	13.00	35.41	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	210	13.00	35.40	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	220	13.00	35.40	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	230	12.00	35.40	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	240	12.00	35.45	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	250	13.00	35.47	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	260	12.00	35.46	99.99	99.99	3
8715	24	9.09	1500	17.59	2000	99.99	99.99	99.99	270	12.00	35.47	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	280	12.00	35.44	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	290	12.00	35.42	99.99	99. w	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	300	12.00	35.38	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	310	12.00	35.38	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	320	11.00	35.38	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	330	11.00	35.37	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	340	11.00	35.37	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	350	11.00	35.36	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	370	11.00	35.34	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	380	11.00	35.34	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	390	11.00	35.33	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	400	10. w	35.32	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	410	10.00	35.31	99.99	99.99	3
6715	24	9.09	1500	1759	2000	99.99	99.99	99.99	420	10.00	35.31	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	430	10.00	35.31	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	M O	10.00	35.32	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	450	10.00	35.31	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	460	10.00	35.31	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99. w	470	10.00	35.30	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	480	10.00	35.28	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	490	10.00	35.25	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	500	9.00	35.22	99.99	99.99	3
8715	24	9.09	1500	1759	2000	p9. w	99.99	99.99	520	9.00	35.20	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	540	9.00	35.16	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	460	9.00	35.13	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	550	8.00	35.10	99.99	99.99	3
6715	24	9.09	1500	1759	2000	99.99	99.99	99.99	600	8.00	35.07	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	620	8.00	35.03	99.99	99.99	3
8715	24	9. w	1500	1759	2000	99.99	99.99	99.99	640	7.00	34.99	99.99	99.99	3
0715	24	9.09	1500	1759	2000	99.99	99.99	99.99	660	7.00	34.96	99.99	99.99	3
8715	24	9.09	1500	1759	2000	99.99	99.99	99.99	680	7.00	34.92	99.99	99.99	3
8715	25	12.35	1500	1759	2000	99.99	99.99	99.99	700	7.00	34.93	99.99	99.99	3
6715	25	12.35	1500	1759	2000	99.99	99.99	99.99	0	28.00	35.39	99.99	99.99	3
8715	25	12.35	1500	1759	2000	99.99	99.99	99.99	5	28.00	35.86	99.99	99.99	3
8715	25	12.35	1500	1759	2000	99.99	99.99	99.99	10	28.00	36.01	99.99	99.99	3
8715	25	12.35	1500	1759	2000	99.99	99.99	99.99	15	28.00	36.01	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	20	28.00	36.01	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	25	26.00	36.18	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	30	23.00	35.88	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	35	21.00	35.83	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	40	19.00	35.76	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99. w	99.99	99.99	45	18.00	35.86	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99.99	50	17.00	35.77	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99. w	99.99	55	16.00	35.74	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	99. w	60	16.00	35.74	99.99	99.99	3

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	immersions	temp	salinités	sign	h dyn	radiales
8715	25	12.35	1500	1830	2000	99.99	99.99	100	65	16.00	35.77	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	70	15.00	35.70	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	75	15.00	35.63	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	80	14.00	35.57	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	85	14.00	35.55	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	90	14.m	35.55	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	95	14.00	35.54	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	100	14.00	35.54	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	110	13.m	35.50	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	120	13.00	35.46	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	130	13.00	35.42	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	140	13.00	35.39	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	150	12.m	35.38	99.w	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	160	12.00	36.37	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	170	12.00	35.34	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	180	12.m	35.32	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	190	12.00	35.50	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	200	12.00	35.28	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	210	12.00	35.28	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	22a	11.00	35.25	99.w	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	230	11.00	35.25	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	240	11.00	35.26	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	250	11.00	35.24	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	260	11.00	35.27	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	270	11.00	35.30	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	280	11.W	35.32	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	290	11.00	35.30	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	300	11.00	35.31	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	310	11.00	35.36	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	320	11.00	35.38	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	330	11.00	35.36	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	340	11.00	35.37	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	350	11.00	35.36	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	360	11.00	35.36	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	370	11.00	35.36	99.99	99.99	3
8715	25	12.36	1500	1830	2000	99.99	99.99	100	380	11.00	35.32	99.99	99.99	3
6715	25	12.35	1500	1830	2000	99.99	99.99	100	390	11.00	35.31	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	400	10.00	35.31	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	410	10.00	35.30	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	420	10.00	35.29	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	430	10.00	35.29	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	440	10.00	35.28	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	450	10.00	35.26	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	460	10.00	35.25	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	470	10.00	35.24	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	480	10.00	35.24	99.99	99.99	3
8715	25	12.35	1500	1830	2mo	99.99	99.99	100	490	10.00	35.23	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	500	9.00	35.22	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	520	9.W	35.19	99.99	99.99	3
6715	25	12.35	1500	1830	2000	99.99	99.99	100	540	9.00	35.18	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	560	9.00	35.15	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	580	8.W	35.13	99.99	99.99	3
8715	25	12.35	1500	1830	2000	99.99	99.99	100	600	8.00	35.12	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	0	28.00	36.21	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	5	28.00	36.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	10	28.00	36.31	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	15	28.00	36.31	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	20	28.00	36.32	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	25	26.00	36.31	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	30	23.00	36.18	99.99	99.99	3
8715	26	15.64	1459	1860	3000	99.99	99.99	100	35	22.00	36.25	99.99	99.99	3
8715	26	15.56	1459	1860	3000	99.99	99.99	100	40	20.00	36.16	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	45	19.m	36.05	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	50	18.00	35.95	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	55	17.00	35.85	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	60	16.00	35.82	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	65	16.00	35.92	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	70	16.00	35.90	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	75	15.00	35.86	99.99	99.99	3
8715	26	15.64	1459	1860	3000	99.99	99.99	100	80	15.00	35.86	99.99	99.99	3
8715	26	15.64	1459	1860	3000	99.99	99.99	100	85	15.m	35.85	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	90	15.00	35.81	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	95	14.00	35.77	99.99	99.99	3
8715	26	15.64	1459	1860	3000	99.99	99.99	100	100	14.00	35.74	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	110	14.m	35.66	99.99	99.99	3
6715	26	15.54	1459	1860	3000	99.99	99.99	100	120	13.00	35.60	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	130	13.00	35.57	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	140	13.00	35.54	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	150	13.m	35.66	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	160	13.00	35.49	99.99	99.99	3

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	immersions	temp	salinités	sigm	hdyd	radiales
8715	26	15.54	1459	1860	3000	99.99	99.99	100	170	12.00	35.42	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	180	12.00	35.40	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	190	12.00	35.39	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	200	12.00	35.41	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	210	12.00	35.39	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	220	12.00	35.40	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	230	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	240	11.00	35.32	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	250	11.00	35.35	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	260	11.00	35.33	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	270	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	280	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	290	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	300	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	310	11.00	35.34	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	320	11.00	35.33	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	330	11.00	35.32	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	340	11.00	35.31	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	350	10.00	35.31	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	360	10.00	35.30	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	370	10.00	35.29	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	380	10.00	35.29	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	390	10.00	35.27	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	400	10.00	35.26	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	410	10.00	35.26	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	420	10.00	35.25	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	430	10.00	35.23	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	440	9.00	35.21	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	450	9.00	35.20	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	460	9.00	35.20	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	470	9.00	35.18	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	480	9.00	35.18	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	490	9.00	35.17	99.99	99.99	3
8715	26	15.54	1459	1860	3000	99.99	99.99	100	500	9.00	35.15	99.99	99.99	3
8715	27	18.53	1435	1859	3000	99.99	99.99	100	0	28.00	36.19	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	5	28.00	36.20	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	10	28.00	36.24	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	15	28.00	36.29	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	20	28.00	36.29	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	25	27.00	36.25	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	30	25.00	36.25	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	35	25.00	36.19	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	40	23.00	36.20	99.99	99.99	4
8715	27	18.53	1435	1959	3000	99.99	99.99	100	45	20.00	34.08	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	50	18.00	36.07	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	55	17.00	36.01	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	60	17.00	35.92	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	65	16.00	35.89	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	70	16.00	35.80	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	75	15.00	35.72	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	80	15.00	35.73	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	85	15.00	35.68	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	90	14.00	35.64	99.99	99.99	4
8715	27	18.53	1435	1959	3000	99.99	99.99	100	95	14.00	35.62	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	100	14.00	35.67	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	110	14.00	35.64	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	120	13.00	35.61	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	130	13.00	35.61	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	140	13.00	35.58	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	150	13.00	35.55	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	160	13.00	35.52	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	170	12.00	35.47	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	180	12.00	35.44	99.99	99.99	4
8715	27	18.53	1435	1959	3000	99.99	99.99	100	190	12.00	35.44	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	200	12.00	35.43	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	210	12.00	35.42	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	220	12.00	35.41	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	230	12.00	35.40	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	240	12.00	35.39	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	250	11.00	35.38	99.99	99.99	4
8715	27	15.53	1435	1859	3000	99.99	99.99	100	260	11.00	35.36	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	270	11.00	35.36	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	280	11.00	35.36	99.99	99.99	4
8715	27	18.53	1435	1959	3000	99.99	99.99	100	290	11.00	35.35	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	300	11.00	35.35	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	310	11.00	35.35	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	320	11.00	35.35	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	330	11.00	35.34	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	340	11.00	35.33	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	100	350	11.00	35.33	99.99	99.99	4

campagne	stations	heures	latitudes	longitudes	tond	tsech	vivent	dirvent	immersions	temp	salinités	slgm	hdyn	radiales
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	360	10.00	35.32	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	370	10.00	35.31	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	380	10.00	35.31	99.99	99.99	4
5715	27	18.53	1435	1959	3000	99.99	99.99	99.99	3 w	10.00	35.29	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	400	10.00	35.27	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	410	10.00	35.25	99.99	99.99	4
8715	27	18.53	1435	1.959	3000	99.99	99.99	99.99	420	10.00	35.23	99.99	99.99	4
8715	27	18.53	1435	1e.59	3000	99.99	99.99	99.99	430	10.00	35.21	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	M O	9.00	35.20	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	450	9.00	35.20	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	4 6 0	9. w	35.19	99.99	99.99	4
0715	27	18.53	1435	1859	3000	99.99	99.99	9 9 . w	470	9. w	35.19	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	480	9. w	35.18	99.99	99.99	4
8715	27	18.53	1435	1959	3000	99.99	99.99	99.99	490	9.00	35.16	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	500	9.00	35.16	99.99	99.99	4
8715	27	18.53	1435	1559	3000	99.99	99.99	99.99	520	9.00	35.14	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	540	9.00	35.13	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	460	8.00	35.12	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	580	8.00	35.10	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	600	8.00	35.07	99.99	99.99	4
8715	27	18.53	1435	1859	3000	99.99	99.99	99.99	620	8.00	35.05	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	640	8.00	35.04	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	660	7. w	35.00	99.99	99.99	4
8715	27	18.53	1 4 3 5	1959	3000	99.99	99.99	99.99	680	7.00	34.97	99.99	99.99	4
8715	27	18.53	1 4 3 5	1859	3000	99.99	99.99	99.99	700	7. w	34.95	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	0	2e. w	36.07	99.99	99.99	4
8715	26	22.26	1434	1829	2000	99.99	99.99	99.99	5	2e. w	36.07	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	10	28. W	36.07	99.99	99.99	4
8715	28	22.24	1434	1829	2000	99.99	99.99	99.99	15	28.00	34.07	99.99	99.99	4
8715	25	22.24	1434	1829	2000	99.99	99.99	99.99	20	28.00	36.07	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	25	28.00	36.08	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	30	27.00	36.08	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	35	23.00	36.01	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	40	22.00	35.97	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	45	21.00	35.99	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	50	20.00	36.00	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	55	19.00	36.01	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	60	18.00	36.01	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	65	18.00	36.02	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	70	17.00	35.94	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	75	16.00	35.94	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	80	15.00	35.73	99.99	99.99	4
8715	23	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	85	15. m	35.65	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	90	15. w	35.61	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	95	14.00	35.57	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	100	14.00	35.58	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	110	14.00	35.59	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	120	13.00	35.49	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	130	13. m	35.45	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	140	13. w	35.44	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	150	13.00	35.38	99.99	99.99	4
8715	28	22.26	1 4 3 4	1829	2000	99.99	99.99	99.99	160	12.00	35.36	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	170	12.00	35.32	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	180	12.00	35.31	99.99	99.99	4
8715	28	22.26	1434	1e.29	2000	99.99	99.99	99.99	190	12.00	35.32	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	200	12. w	35.31	99.99	99.99	4
8715	26	22.26	1434	1829	2000	99.99	99.99	99.99	210	12. w	35.31	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	220	12.00	35.32	99.99	99.99	4
5715	28	22.26	1434	1829	2000	99.99	99.99	99.99	230	12.00	35.32	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	240	12.00	35.34	99.99	99.99	4
8715	26	22.26	1434	1829	2000	99.99	99.99	99.99	250	12.00	35.34	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	260	12.00	35.34	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	270	12. w	35.35	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	280	12.00	35.35	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	290	11.00	35.34	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	300	11.00	35.34	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	310	11.00	35.36	99.99	99.99	4
6715	28	22.26	1434	1829	2000	99.99	99. w	99.99	320	11.00	35.36	99.99	99.99	4
8715	26	22.26	1434	1829	2000	99.99	99.99	99.99	330	11.00	35.37	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	340	11.00	35.36	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	350	11.00	35.36	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99. w	99.99	360	11.00	35.36	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	370	11.00	35.36	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99. w	99.99	380	11.00	35.35	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	390	11.00	35.34	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	400	11. M	35.32	99.99	99.99	4
5715	28	22.26	1434	1829	2000	99.99	99.99	99.99	410	10.00	35.30	99.99	99.99	4
8715	28	22.26	1434	1629	2000	99.99	99.99	99.99	420	10.00	35. M	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	430	10.00	35.27	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99. w	440	10. W	35.27	99.99	99.99	4

campagne	stations	heures	latitudes	longitudes	fond	lsec	vitvent	dirvent	immersion	tcmp	salinités	sigm	hdyn	radiales
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	450	10.00	35.26	99.99	99.99	4
8715	28	22.26	1434	1.329	2000	99.99	99.99	99.99	460	10.00	35.26	99.99	99.99	4
8715	2.3	22.26	1434	1829	2000	99.99	99.99	99.99	470	10.00	35.26	99.99	99.99	4
8715	2.3	22.26	1434	1829	2000	99.99	99.99	99.99	480	10.00	35.26	99.99	99.99	4
8715	28	22.26	1434	1.329	2000	99.99	99.99	99.99	4 w	10.00	35.26	99.99	99.99	8715
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	520	9.00	35.21	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	540	9.00	35.19	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	460	9.00	35.18	99.99	99.99	4
8715	28	22.26	1434	1829	2000	99.99	99.99	99.99	580	9.00	35.15	99.99	99.99	4
8715	29	1.44	1434	1829	2000	99.99	99.99	99.99	600	8.00	35.13	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	0	28.00	35.56	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	5	28.00	35.54	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	10	28.00	35.56	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	15	28.00	35.57	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	20	28.00	35.60	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	25	27.00	35.71	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	30	25.00	35.62	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	35	23.W	35.65	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	40	20.w	35.76	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	45	18.00	35.69	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	50	17.00	35.68	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	55	16.00	35.67	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	60	16.00	35.64	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	65	16.00	35.64	99.99	99.99	4
8715	29	1.44	1434	1e.29	150	99.99	99.99	99.99	70	15.00	35.63	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	75	15.00	35.61	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	80	15.00	35.58	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	a5	15.00	35.58	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	90	15.00	35.57	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	95	14.00	35.55	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	100	14.00	35.54	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	110	14.00	35.52	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	120	14.00	35.52	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	4
8715	29	1.44	1434	1529	150	99.99	99.99	99.99	140	14.m	35.43	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	150	13.00	35.46	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	160	13.00	35.44	w . w	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	170	13.00	35.43	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	180	13.00	35.42	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	190	13.00	35.43	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	200	13.00	35.44	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	210	13.00	35.44	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	220	13.00	35.44	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	230	12.00	35.36	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	w . w	240	12.00	35.35	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	250	12.00	35.35	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	260	12.00	35.36	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	270	12.00	35.36	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	280	12.00	35.40	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	290	12.00	35.40	99.99	99.99	4
8715	29	1.44	1434	1a29	150	99.99	99.99	99.99	300	12.00	35.40	99.99	99.99	4
5715	29	1.44	1434	1829	150	99.99	99.99	99.99	310	12.00	35.40	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	320	12.00	35.39	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	330	12.00	35.38	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	340	11.00	35.38	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	350	11.00	35.37	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	360	11.00	35.36	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	370	11.00	35.36	99.99	99.99	4
8715	29	1.M	1434	1829	150	99.99	99.99	99.99	380	11.00	35.34	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	390	10.00	35.31	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	400	10.00	35.31	99.99	99.99	4
6715	29	1.44	1434	1829	150	99.99	99.99	99.99	410	10.00	35.28	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	420	10.00	35.27	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	430	9.00	35.23	99.99	99.99	4
8715	29	1.44	1434	1829	150	w . w	99.99	99.99	M O	9.00	35.22	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	450	9.00	35.21	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	460	9.00	35.19	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	470	9.00	35.18	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	480	9.00	35.17	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	490	9.00	35.15	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	500	9.00	34.14	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	520	8.00	35.13	99.99	99.99	4
8715	29	1.44	1434	1e.29	150	99.99	99.99	99.99	540	8.00	35.13	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	4bo	8.00	35.10	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	580	8.00	35.06	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	600	8.00	35.04	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	620	7.00	35.00	99.99	99.99	4
8715	29	1.44	1434	1.329	150	99.99	99.99	99.99	640	7.00	34.98	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	660	7.00	34.96	99.99	99.99	4
8715	29	1.44	1434	1829	150	99.99	99.99	99.99	680	7 . w	34.95	99.99	99.99	4

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	airvent	immersions	tomp	salinités	sigm	hdyn	radiales
8715	31	6.13	1435		300	99.99	99.99	99.99	40	22.W	35.83	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	45	21.00	35.83	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	50	19.00	35.77	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	55	17.00	35.71	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	60	16.00	35.67	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	65	16.00	35.64	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	70	16.00	35.63	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.w	99.99	75	15.00	35.62	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.w	99.99	80	15.00	35.60	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	85	15.00	35.57	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	90	15.00	35.54	99.99	99.99	4
8715	31	6.13	1435	1734	300	99.99	99.99	99.99	95	14.00	35.55	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	100	14.00	35.54	99.99	99.99	4
8715	31	6.13	1435	1736	300	W.W	99.99	99.99	110	14.00	35.53	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.w	99.99	120	14.00	35.52	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	140	14.00	35.49	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	150	14.00	35.48	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	160	13.00	35.46	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.w	99.99	170	13.00	35.45	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	180	13.00	35.44	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	190	13.00	35.43	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	200	13.00	35.42	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	210	13.00	35.42	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	220	13.00	35.41	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	230	13.00	35.40	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	240	12.00	35.39	99.99	99.99	4
8715	31	6.13	1435	1736	300	99.99	99.99	99.99	250	12.00	35.39	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	0	28.00	35.85	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.w	99.99	5	28.00	35.85	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.w	99.99	10	28.00	35.81	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	15	28.00	35.92	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	20	27.W	35.96	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	25	27.W	35.98	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	30	25.W	35.93	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	35	21.00	35.83	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	40	21.00	35.81	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	45	20.00	35.81	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	50	19.00	35.79	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	55	18.00	35.74	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	60	1a.w	35.73	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	65	17.00	35.72	99.99	99.99	4
8715	32	7.24	1434	1732	80	99.99	99.99	99.99	70	17.00	35.69	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	0	28.00	35.94	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	5	28.00	35.96	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	10	28.00	35.97	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	15	28.00	35.98	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	20	28.00	35.97	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	25	27.W	35.93	99.99	99.99	4
8715	33	9.29	1434	1721	34	99.99	99.99	99.99	30	25.w	35.89	99.99	99.99	4
8715	34	10.50	1434	1711	15	99.99	99.99	99.99	0	28.00	35.11	99.99	99.99	4
8715	34	10.50	1434	1711	15	99.99	99.99	99.99	5	28.00	35.09	99.99	99.99	4
8715	34	10.50	1434	1711	15	99.99	99.99	99.99	10	28.00	34.82	99.99	99.99	4
8715	35	14.37	1407	1701	14	99.99	99.99	99.99	0	29.00	35.31	99.99	99.99	5
8715	35	14.37	1407	1701	14	99.99	99.99	99.99	5	28.00	35.27	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	0	28.00	35.88	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	5	28.00	35.68	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	10	28.00	35.86	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	15	28.00	35.84	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.w	99.99	20	28.00	35.85	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	25	27.W	35.83	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	30	24.00	35.72	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	35	20.00	35.72	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	40	19.00	35.72	99.99	99.99	5
8715	36	16.37	1407	1716	54	99.99	99.99	99.99	45	19.00	35.78	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	0	28.00	35.78	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	5	28.00	35.79	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	10	28.00	35.78	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	15	28.00	35.77	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	20	28.00	35.76	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.w	99.99	25	28.00	35.76	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	30	27.00	35.78	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.w	99.99	35	24.W	35.85	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	40	22.00	35.84	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	45	21.00	35.83	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	50	19.00	35.78	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	55	18.00	35.74	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.99	99.99	60	17.00	35.69	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	99.w	99.99	65	16.W	35.65	99.99	99.99	5
8715	37	18.04	1407	1729	101	99.99	w.w	99.99	70	16.00	35.64	99.99	99.99	5

campagne	stations	heures	latitudes	longitudes	tond	tsech	vivent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	200	13.00	35.47	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	210	13.00	35.45	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	220	13.00	35.43	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	230	12.00	35.42	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	240	12.00	35.41	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	250	12.00	35.41	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	260	12.00	35.40	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	270	12.00	35.40	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	280	12.00	35.39	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	290	12.00	35.38	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	300	12.00	35.36	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	310	12.00	35.37	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	320	12.00	35.38	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	330	11.00	35.38	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	340	11.00	35.38	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	350	11.00	35.37	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	360	11.00	35.36	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	370	11.00	35.36	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	380	11.00	35.36	99.99	99.99	5
5715	40	23.09	1407	1759	2000	99.99	99.99	99.99	390	11.00	35.35	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	400	11.00	35.35	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	410	11.00	35.35	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	420	11.00	35.34	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	430	11.00	35.32	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	440	10.00	35.32	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	450	10.00	35.31	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	460	10.00	35.28	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	470	10.00	35.27	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	480	10.00	35.25	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	490	10.00	35.24	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	500	9.00	35.23	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	520	9.00	35.19	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	540	9.00	35.17	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	460	9.00	35.15	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	580	8.00	35.12	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	600	0.00	35.08	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	620	8.00	35.06	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	640	8.00	35.05	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	660	8.00	35.02	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	650	7.00	35.01	99.99	99.99	5
8715	40	23.09	1407	1759	2000	99.99	99.99	99.99	700	7.00	34.99	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	0	28.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	5	28.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	10	28.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	15	28.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	20	28.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	25	28.00	35.63	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	30	26.00	35.75	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	35	24.00	35.89	99.99	99.99	5
6715	41	2.50	1407	1830	2000	99.99	99.99	99.99	40	23.00	35.74	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	45	20.00	35.77	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	50	18.00	35.74	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	55	17.00	35.65	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	60	16.00	35.64	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	65	16.00	35.65	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	70	15.00	35.62	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	75	15.00	35.60	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	80	15.00	35.59	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	85	15.00	35.58	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	90	14.00	35.56	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	95	14.00	35.56	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	100	14.00	35.55	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	110	14.00	35.54	99.99	99.99	5
5715	41	2.50	1407	1830	2000	99.99	99.99	99.99	120	14.00	35.52	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	130	14.00	35.49	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	140	13.00	35.47	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	150	13.00	35.43	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	160	13.00	35.42	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	170	13.00	35.40	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	180	12.00	35.37	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	190	12.00	35.36	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	200	12.00	35.34	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	210	12.00	35.32	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	220	12.00	35.28	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	230	12.00	35.26	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	240	11.00	35.25	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	250	11.00	35.25	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	260	11.00	35.24	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	270	11.00	35.23	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	280	11.00	35.23	99.99	99.99	5

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	dirvent	immersion	temp	salinités	sigm	hdyn	radiales
8 7 1 5	41	2.50	1407	1830	2000	99.99	99.99	99.99	290	11.00	35.26	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	300	11.00	35.25	99.99	99.99	5
8 7 1 5	41	2.50	1407	1830	2000	99.99	99.99	99.99	310	11.00	35.25	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	320	11.00	35.26	W.V	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	330	11.00	35.26	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	340	11.00	35.26	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	350	11.00	35.33	W.V	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	360	11.00	35.35	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	370	11.00	35.34	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	380	11.00	35.34	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	390	11.00	35.33	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	400	11.00	35.32	w . w	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	410	11.00	35.32	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	420	11.00	35.31	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	430	10.00	35.31	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	440	10.00	35.20	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	450	10.00	35.26	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	460	10.00	35.28	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	470	10.00	35.26	w . w	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	480	10.00	35.24	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	W.V	99.99	490	10.00	35.22	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	500	10.00	35.21	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	520	9 . w	35.20	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	540	9.00	35.19	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	460	9.00	35.16	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	550	9 . m	35.15	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	600	9.00	35.16	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	620	8.00	35.13	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	640	8.00	35.09	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	660	8.00	35.09	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	680	8.00	35.07	99.99	99.99	5
8715	41	2.50	1407	1830	2000	99.99	99.99	99.99	700	7.00	35.04	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	0	28.M	35.76	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	5	28.00	35.76	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	10	28.00	35.76	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	15	28.00	35.76	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	20	27.m	35.w	99.99	99.99	5
8715	42	6.18	1407	1859	2000	w . w	99.99	99.99	25	26.00	36.17	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	30	25.00	36.29	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	35	24.00	34.27	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	40	23.00	36.24	99.99	w . w	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	45	21.00	36.22	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	50	20.00	36.15	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	55	19.00	36.02	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	60	18.00	35.95	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	65	17.00	35.91	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	70	17.00	35.88	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	75	16.00	35.83	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	80	16.00	35.79	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	85	15.00	35.75	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	90	15.00	35.72	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	95	15.00	35.71	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	100	14.00	35.69	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	110	14.00	35.66	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	120	14.00	35.69	99.99	99.99	5
8715	42	6.18	1407	1859	2000	w . w	99.99	99.99	130	14.00	35.68	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	140	14.00	35.66	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	150	13.w	35.60	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	160	13.00	35.56	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	170	13.00	35.52	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	180	13.00	35.49	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	190	12.00	35.44	99.99	99.99	5
8715	42	6.13	1407	1859	2000	99.99	99.99	99.99	200	12.00	35.44	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	210	12.00	35.43	99.99	99.99	5
8715	4	2	6 . 1 8	1407	1859	99.99	w . w	99.99	220	12.00	35.40	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	230	12.00	35.40	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	240	12.00	35.40	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	250	12.00	35.40	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	260	12.00	35.40	w . w	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	270	12.00	35.40	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	280	12.00	35.38	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	290	11.00	35.36	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	300	11.00	35.35	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	310	11.00	35.35	w . w	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	320	11.00	35.55	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	330	11.00	35.34	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	340	11.00	35.34	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	350	11.00	35.34	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	360	11.00	35.33	99.99	99.99	5
8715	42	6.18	1407	1859	2000	99.99	99.99	99.99	370	11.00	35.32	99.99	99.99	5

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	380	11.00	35.31	99.99	99.99	5
8715	A2	6.18	1 4 0 7	1859	2000	99.99	99.99	99.99	390	10.00	35.30	99.99	99.99	5
8715	A2	6.18	1 4 0 7	1859	2000	99.99	99.99	99.99	400	10.00	35.30	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	410	10.00	35.29	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2mo	99.99	99.99	99.99	420	10.00	35.29	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	430	10.w	35.28	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	MO	10.00	35.27	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	450	10.00	35.26	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	460	10.00	35.25	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	470	10.00	35.24	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	480	10.w	35.51	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	490	9.m	35.17	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	500	9.m	35.17	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	520	9.00	35.17	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	540	9.w	35.15	99.99	99.99	5
8715	42	6 . 1 8	1407	1859	2000	99.99	99.99	99.99	460	9.00	35.15	w . w	99.99	5
8715	42	6 . 1 8	1407	1859	2om	99.99	99.99	99.99	580	9.w	35.15	99.99	99.99	5
8715	42	6.18	1 4 0 7	1859	2000	99.99	99.99	99.99	600	8.00	35.12	99.99	99.99	5
8715	42	6.18	1 4 0 7	1859	2000	99.99	99.99	99.99	620	8 . W	35.09	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	640	8 . W	35.05	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	660	8.00	35.03	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	680	7.w	35.00	99.99	99.99	5
8715	42	6 . 1 8	1 4 0 7	1859	2000	99.99	99.99	99.99	700	7.w	34.99	99.99	99.99	5
8715	43	9 . 5 7	1337	1900	2000	99.99	99.99	99.99	0	28.00	35.61	99.99	99.99	6
8715	43	9 . 5 7	1337	1900	2000	99.99	99.99	99.99	5	28.00	35.61	99.99	99.99	6
8715	43	9 . 5 7	1 3 3 7	1900	2000	99.99	99.99	99.99	10	2e.m	35.61	99.99	99.99	6
8715	A3	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	15	2e.m	35.62	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	20	28.00	35.62	99.99	99.99	6
8715	A3	9.57	1337	1900	2000	99.99	99.99	99.99	25	2e.m	35.74	99.99	99.99	6
8715	43	9.57	1337	1900	2mo	99.99	99.99	99.99	30	27.m	35.79	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	35	24.00	35.68	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	40	23 . W	35.88	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	45	21.00	35.66	99.99	99.99	6
8715	43	9 . 5 7	1 3 3 7	1900	2000	99.99	99.99	99.99	50	20.w	35.74	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	55	19.w	35.77	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	60	1e.m	35.77	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	65	17.m	35.67	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	70	17.00	35.70	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	75	16.00	35.67	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	80	16.00	35.64	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	85	15.m	35.62	P9.w	99.99	6
8715	43	9 . 5 7	1 3 3 7	1900	2000	99.99	99.99	99.99	90	15.00	35.61	99.99	99.99	6
8715	43	9 . 5 7	1 3 3 7	1900	2000	99.99	99.99	99.99	95	15.00	35.60	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	100	15.00	35.59	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	110	14.m	35.55	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	120	14.00	35.53	99.99	99.99	6
8715	A3	9.57	1337	1900	2000	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	140	13.00	35.47	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	150	13.00	35.44	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	160	13.00	35.42	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	170	i3.m	35.39	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	180	13.00	35.37	99.99	99.99	6
8715	43	9 . 5 7	1337	1900	2000	99.99	99.99	99.99	190	12.m	35.34	99.99	99.99	6
8715	43	9 . 5 7	1337	1900	2000	99.99	99.99	99.99	200	12.00	35.32	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	210	12.00	35.31	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	220	12.00	35.29	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	230	12.00	35.29	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	240	11.00	35.26	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	250	11.00	35.26	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	260	11.00	35.30	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	270	12.00	35.36	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	280	i2.m	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	290	11.00	35.36	99.99	99.99	6
8715	43	9.57	1 3 3 7	1900	2000	99.99	99.w	99.99	300	11.00	35.36	99.99	99.99	6
8715	A3	9.57	1 3 3 7	1900	2000	99.99	99.99	99.99	310	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	m m	99.99	99.99	99.99	320	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	330	11.00	35.34	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	340	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	350	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	360	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	370	11.00	35.36	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.w	99.99	380	11.00	35.34	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	390	11.00	35.34	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	4 w	11.00	35.22	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	410	11.00	35.31	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	420	10.00	35.30	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	430	10.m	35.28	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	MO	10.00	35.28	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	450	10.00	35.28	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.w	99.99	460	10.00	35.27	99.99	99.99	6

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	dirvent	Immersions	temp	salinités	sigm	hdyn	radiales
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	4 7 0	10.00	35.27	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	480	10.m	35.25	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	490	10.00	35.25	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	500	10.00	35.23	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	520	9.m	35.19	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	540	9.m	35.16	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	460	9.00	35.14	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	580	8.00	35.11	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	600	8.00	35.09	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	620	8.00	35.08	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	640	8.00	35.06	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	660	8.00	35.04	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	680	8.m	35.03	99.99	99.99	6
8715	43	9.57	1337	1900	2000	99.99	99.99	99.99	700	7.00	35.03	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	0	99.00	99.99	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	5	28.00	35.74	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	10	28.00	35.77	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	15	28.00	35.78	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	20	28.00	35.79	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	25	28.m	35.79	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	30	28.00	35.79	99.99	99.99	6
0715	44	13.22	1337	1830	2000	99.99	99.99	99.99	35	25.W	35.81	99.99	99.99	6
0715	44	13.22	1337	1830	2000	99.99	99.99	99.99	40	20.00	35.77	99.99	99.99	6
6715	44	13.22	1337	1830	2000	99.99	99.99	99.99	45	1a.m	35.71	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	50	17.m	35.68	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	55	17.00	35.66	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	60	17.00	35.65	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	65	16.00	35.65	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	70	16.m	35.63	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	75	16.00	35.62	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	80	16.00	35.61	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	85	15.00	35.61	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	90	15.00	35.60	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	95	15.00	35.60	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	100	15.m	35.59	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	110	15.00	35.57	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	120	14.m	35.56	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	130	14.00	35.52	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	140	14.00	35.39	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	150	14.m	35.47	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	160	13.00	35.45	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	170	13.m	35.44	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	180	13.m	35.42	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	190	13.m	35.40	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	200	13.00	35.38	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	210	13.m	35.37	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	220	12.m	35.36	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	230	12.m	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	240	12.00	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	250	12.m	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	260	12.m	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	270	12.m	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	280	12.00	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	290	12.00	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	300	12.m	35.32	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	310	12.00	35.30	99.99	99.99	6
8715	44	13.27	1337	1830	2000	99.99	99.99	99.99	320	12.m	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	330	12.m	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	340	11.m	35.36	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	350	11.m	35.34	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	370	11.00	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	380	11.00	35.32	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	390	11.W	35.31	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	400	11.00	35.32	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	410	11.00	35.33	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	420	11.m	35.32	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	430	10.m	35.31	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	440	10.m	35.31	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	450	10.m	35.30	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	460	10.m	35.29	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	470	10.m	35.29	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	480	10.00	35.28	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	490	10.00	35.26	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	500	10.00	35.25	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	520	10.m	35.22	99.99	99.99	6
a715	44	13.22	1337	1830	2000	99.99	99.99	99.99	540	9.00	35.19	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	460	9.00	35.12	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	580	9.m	35.13	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	600	9.00	35.14	99.99	99.99	6

campagne	stations	heures	latitudes	/longitude	fond	tscch	vivent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	620	8.00	35.12	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	640	8.00	35.10	99.99	99.99	6
8715	44	13.22	1337	1830	2000	99.99	99.99	99.99	660	8.00	35.05	99.99	99.99	6
5715	44	13.22	1337	1830	2000	99.99	99.99	99.99	680	8.00	35.05	99.99	99.99	6
5715	44	13.22	1337	1830	2000	99.99	99.99	99.99	700	8.00	35.06	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	0	29.00	35.82	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	5	29.00	35.80	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	10	28.00	35.79	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	15	28.00	35.79	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	20	28.00	35.79	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	25	28.00	35.80	99.99	99.99	6
a715	45	16.46	1337	1759	1000	99.99	99.99	99.99	30	27.00	35.80	99.99	99.99	6
0715	45	16.46	1337	1759	1000	99.99	99.99	99.99	35	23.W	35.81	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	40	21.00	35.80	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	45	20.00	35.79	99.99	99.99	6
6715	45	16.46	1337	1759	1000	99.99	99.99	99.99	50	19.W	35.77	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	55	19.00	35.75	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	60	18.00	35.72	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	65	17.00	35.70	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	70	16.00	35.69	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	75	16.00	35.66	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	80	16.W	35.65	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	85	15.00	35.66	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	90	15.00	35.63	99.99	99.99	6
6715	45	16.46	1337	1759	1000	99.99	99.99	99.99	95	15.00	35.62	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	100	15.00	35.61	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	110	15.W	35.58	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	120	14.W	35.55	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	130	14.00	35.53	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	140	14.00	35.60	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	150	14.00	35.45	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	160	13.W	35.46	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	170	13.W	35.45	99.99	99.99	6
0715	45	16.46	1337	1759	1000	99.99	99.99	99.99	180	13.00	35.43	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	190	13.W	35.40	99.99	99.99	6
0715	45	16.46	1337	1759	1000	99.99	99.W	99.99	200	13.00	35.37	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	210	13.00	35.35	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	220	12.00	35.34	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	230	12.W	35.34	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	240	12.00	35.32	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	250	12.00	35.29	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	260	12.W	35.30	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	270	12.W	35.31	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.W	280	12.W	35.31	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	290	12.00	35.32	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	300	12.W	35.35	99.99	99.99	6
6715	45	16.46	1337	1759	1000	99.99	99.99	99.99	310	12.00	35.36	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	320	12.00	35.37	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	330	12.00	35.37	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	340	11.00	35.36	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	370	11.00	35.35	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.W	99.99	380	11.00	35.35	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	390	11.W	35.34	99.99	99.99	6
8715	4	5	16.46	1337	1759	1000	99.99	99.99	400	11.00	35.33	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	410	11.00	35.33	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	420	11.00	35.32	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	430	11.00	35.31	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	440	10.00	35.29	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	450	10.W	35.27	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	460	10.W	35.28	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	470	10.W	35.26	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	480	10.00	35.26	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	490	10.00	35.26	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	500	10.00	35.25	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	520	10.W	35.23	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	540	9.W	35.20	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	460	9.W	35.16	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	580	9.00	35.13	99.W	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.W	99.99	600	8.00	35.11	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	620	8.00	35.08	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	640	8.00	35.06	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	660	8.00	35.01	99.99	99.99	6
5715	45	16.46	1337	1759	1000	99.99	99.99	99.99	680	7.00	35.W	99.99	99.99	6
8715	45	16.46	1337	1759	1000	99.99	99.99	99.99	700	7.00	34.99	99.99	99.99	6
8715	46	19.20	1337	1744	1000	99.99	99.99	99.99	0	29.W	35.72	99.99	99.W	6
8715	46	19.20	1337	1744	1000	99.99	99.99	99.99	5	29.W	35.72	99.99	99.99	6
8715	46	19.20	1337	1744	1000	99.99	99.99	99.99	10	28.00	35.71	99.99	99.99	6
8715	46	19.20	1337	1744	1000	99.99	99.99	99.99	15	28.00	35.71	99.99	99.99	6

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinités	sigm	h d y n	radiales
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	20	2a.m	35.71	99.99	99.99	6
0715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	25	2a.m	35.73	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	30	2a.m	35.72	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	35	27.m	35.73	99.99	99.99	6
8715	46	19.20	1337	1744	1000	00.00	00.00	00.00	40	25.00	35.82	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	A5	23.m	35.74	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	50	21.m	35.65	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	55	19.00	35.74	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	60	18.00	35.72	99.99	99.99	6
8715	A6	19.20	1 3 3 7	1744	1000	99.99	99.99	99.99	65	17.00	35.69	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	70	17.00	35.68	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	75	16.00	35.66	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	a0	16.00	35.66	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	a5	16.00	35.65	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	90	16.00	35.66	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	95	15.00	35.64	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	100	15.00	35.62	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	110	15.00	35.61	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	120	15.00	35.59	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	130	14.00	35.54	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	140	14.00	35.63	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	150	14.00	35.50	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	160	14.00	35.47	99.99	99.99	6
a715	46	19.20	1337	1744	1000	99.99	99.99	99.99	170	13.00	35.45	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	180	13.00	35.44	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	190	13.00	35.42	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	200	13.00	35.42	99.99	99.99	6
8715	A6	19.20	1 3 3 7	1744	1000	99.99	99.99	99.99	210	13.00	35.42	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	220	13.00	35.42	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	230	12.00	35.40	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	240	12.00	35.37	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	250	12.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	260	12.00	35.32	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	270	12.m	35.32	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	280	12.00	35.32	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	290	12.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	300	12.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	310	12.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	320	11.00	35.34	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	330	11.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	340	11.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	350	11.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	370	11.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	380	11.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	390	11.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	400	11.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	410	11.00	35.36	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	420	11.00	35.34	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	A M	10.00	35.29	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	M O	10.00	35.27	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	A50	10.00	35.27	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	A60	10.00	35.27	99.99	99.99	6
8715	A6	19.20	1 3 3 7	1744	1000	99.99	99.99	99.99	A70	10.00	35.26	99.99	99.99	6
a715	46	19.20	1337	1744	1000	99.99	99.99	99.99	A80	10.00	35.23	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	A90	10.00	35.22	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	500	10.00	35.22	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	520	9.00	35.20	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	540	9.00	35.14	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	560	9.00	35.14	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	580	9.00	36.11	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	600	a.00	35.09	99.99	99.99	6
a715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	620	8.00	35.05	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	640	8.00	35.05	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	660	8.00	35.03	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	680	7.00	34.99	99.99	99.99	6
8715	A6	19.20	1337	1744	1000	99.99	99.99	99.99	700	7.00	34.95	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	0	2a.w	35.67	99.99	99.99	6
a715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	5	2a.m	35.67	99.99	99.99	6
8715	A7	21.29	1338	1728	460	99.99	99.99	99.99	10	2a.w	35.74	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	15	28.00	35.80	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	20	28.00	35.80	99.99	99.99	6
a715	A7	21.29	133.3	1728	A60	99.99	99.99	99.99	25	26.00	35.77	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	30	24.00	35.81	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	35	23.00	35.80	99.99	99.99	6
8715	A7	21.29	1338	1720	A60	99.99	99.99	99.99	40	22.w	35.77	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	A5	20.00	35.76	99.99	99.99	6
8715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	50	19.m	35.75	99.99	99.99	6
a715	A7	21.29	1338	1728	A60	99.99	99.99	99.99	55	18.00	35.69	99.99	99.99	6
8715	A7	21.29	1338	1728	460	99.99	99.99	99.99	60	17.00	35.67	99.99	99.99	6

campagne	stations	heures	latitudes	longitudes	fond	tsech	vilvent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	65	16.00	35.65	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	70	16.00	35.64	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	75	16.00	35.63	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	80	15.m	35.62	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	85	15.m	35.61	99.99	99.99	6
8715	47	21.29	1335	1728	460	99.99	99.99	99.99	90	15.00	35.60	w . w	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	95	15.00	35.58	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	i m	i 5.m	35.57	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	110	15.00	35.55	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	120	i4.m	35.55	99.99	00.00	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	130	i4.m	35.54	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	140	i4.m	35.53	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	150	i4.m	36.51	99.99	99.99	6
8715	47	21.29	1338	1726	460	99.99	99.99	99.99	160	14.00	35.50	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	170	14.m	35.49	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	180	14.00	35.49	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	190	13.m	35.46	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	200	13.00	35.44	99.99	99.99	6
8715	47	21.29	1335	1728	460	99.99	99.99	99.99	210	13.m	35.41	99.99	99.99	6
5715	47	21.29	1335	1728	460	99.99	99.99	99.99	220	13.00	35.39	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	230	12.m	35.37	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	240	12.m	35.36	99.99	99.99	6
8715	47	21.29	1338	1725	460	99.99	99.99	99.99	250	12.m	35.36	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	260	12.00	35.36	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	270	12.00	35.36	99.99	99.99	6
8715	47	21.29	1333	1720	460	99.99	99.99	99.99	280	12.00	35.37	99.99	99.99	6
8715	47	21.29	1338	1726	460	99.99	99.99	99.99	290	12.m	35.38	99.99	99.99	6
8715	47	21.29	1338	1723	460	99.99	99.99	99.99	300	12.m	35.38	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	310	12.00	35.37	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	320	i2.m	35.37	99.99	99.99	6
8715	47	21.29	1338	1728	460	99.99	99.99	99.99	330	11.00	35.36	99.99	99.99	6
8715	47	21.29	1338	1728	450	99.99	99.99	99.99	340	11.00	35.36	99.99	99.99	6
5715	47	21.29	1338	1728	460	99.99	99.99	99.99	350	11.00	35.35	99.99	99.99	6
8715	47	21.29	1338	1726	460	99.99	99.99	99.99	360	11.00	35.35	99.99	99.99	6
8715	47	21.29	1338	1729	460	99.99	99.99	99.99	370	11.00	35.34	99.99	99.99	6
8715	47	21.29	1338	1723	460	99.99	99.99	99.99	380	11.00	35.33	99.99	99.99	6
8715	47	21.29	1338	1728	450	99.99	99.99	99.99	390	11.00	35.32	99.99	99.99	6
8715	47	21.29	1338	1723	460	99.99	99.99	99.99	400	10.00	35.31	99.99	99.99	6
5715	48	22.50	1336	1716	103	99.99	99.99	99.99	0	99.00	99.99	99.99	99.99	6
5715	48	22.50	1336	1716	103	99.99	99.99	99.99	5	28.00	35.70	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	10	28.00	35.70	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	15	28.00	35.75	99.99	99.99	6
8715	48	22.50	1334	1716	103	99.99	99.99	99.99	20	28.00	35.81	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	25	27.m	35.76	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	30	25.00	35.72	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	35	23.00	35.75	99.99	99.99	6
8715	48	22.50	1334	1716	103	99.99	99.99	99.99	40	21.00	35.73	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	45	20.00	35.76	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	50	19.00	35.72	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	55	17.m	35.69	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	60	15.m	35.60	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	65	15.00	35.57	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	70	15.00	35.57	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	75	15.m	35.54	99.99	99.99	6
5715	48	22.50	1334	1716	103	99.99	99.99	99.99	80	14.00	35.56	99.99	99.99	6
5715	46	22.50	1336	1716	103	99.99	99.99	99.99	85	14.00	35.54	99.99	99.99	6
5715	48	22.50	1336	1716	103	99.99	99.99	99.99	90	14.00	35.53	99.99	99.99	6
8715	48	22.50	1336	1716	103	99.99	99.99	99.99	95	14.00	35.53	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	0	28.m	35.77	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	5	28.00	35.78	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	10	28.00	35.01	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	15	28.m	35.75	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	20	27.00	35.73	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	25	24.m	35.77	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	30	22.00	35.71	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	35	20.m	35.68	99.99	99.99	6
8715	49	0.55	1337	1714	50	99.99	99.99	99.99	40	18.00	35.68	99.99	99.99	6
8715	50	3.10	1337	1656	15	99.99	99.99	99.99	0	29.00	35.04	99.99	99.99	6
8715	50	3.10	1337	1656	15	99.99	99.99	99.99	5	29.m	35.04	99.99	99.99	6
8715	50	3.10	1337	1656	15	99.99	99.99	99.99	10	28.00	35.02	99.99	99.99	6
8715	51	7.06	1300	1657	15	99.99	99.99	99.99	0	28.m	34.34	99.99	99.99	7
8715	51	7.06	1300	1657	15	99.99	99.99	99.99	5	28.m	34.34	99.99	99.99	7
6715	51	7.06	1300	1657	15	99.99	99.99	99.99	10	28.00	34.34	99.99	99.99	7
8715	52	8.48	1300	1711	29	99.99	99.99	99.99	0	28.m	34.42	99.99	99.99	7
8715	52	6.40	1300	1711	29	99.99	99.99	99.99	5	28.m	34.43	99.99	99.99	7
8715	52	0.40	1300	1711	29	99.99	99.99	99.99	10	28.00	34.44	99.99	99.99	7
8715	52	8.48	1300	1711	29	99.99	99.99	99.99	15	28.00	34.95	99.99	99.99	7
8715	52	8.48	1300	1711	29	99.99	99.99	99.99	20	26.00	35.39	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	0	29.00	34.82	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	w . w	99.99	5	29.00	34.81	99.99	99.99	7

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinités	sigm	hdyn	radiales
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	10	29.00	34.83	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	w . w	15	28.00	35.12	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	m	27.00	35.37	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	25	25.00	35.44	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	30	22.00	35.61	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	35	20.00	35.62	99.99	99.99	7
8715	53	10.32	1259	1426	50	99.99	99.99	99.99	40	18.00	35.60	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	0	29.00	35.54	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	5	29.00	35.54	w . w	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	10	28.00	35.56	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	15	28.00	35.61	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	m	28.00	35.66	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	25	27.00	35.67	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	30	25.00	35.61	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	35	21.00	35.59	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	40	20.00	35.66	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	45	19.00	35.71	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	50	18.00	35.72	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	55	17.00	35.69	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	60	17.00	35.64	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	65	16.00	35.64	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	70	16.00	35.63	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	75	16.00	35.61	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	80	16.00	35.61	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	85	15.00	36.61	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	90	15.00	35.60	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	95	15.00	35.59	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	100	15.00	35.58	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	110	14.00	35.54	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	120	14.00	35.54	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	130	14.00	35.53	99.99	w . w	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	140	14.00	35.51	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	150	14.00	35.51	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	160	14.00	35.50	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	170	13.m	35.46	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	w . w	180	13.m	35.44	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	190	13.00	35.42	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	200	13.m	35.40	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	210	13.00	35.39	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	220	13.00	35.38	w . w	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	230	13.03	35.37	99.99	w . w	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	240	12.00	35.36	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	250	12.00	35.36	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	260	12.00	35.35	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	270	12.00	35.35	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	280	12.00	35.33	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	290	12.00	35.33	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	300	12.m	35.33	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	310	11.00	35.33	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	320	11.00	35.33	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	330	11.00	35.32	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	340	11.00	35.32	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	350	11.00	35.31	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	360	11.00	35.31	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	370	11.00	35.31	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	380	11.00	35.29	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	390	10.00	35.29	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	400	10.00	35.26	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	410	10.00	35.25	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	420	10.00	35.24	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	430	10.00	35.24	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	M O	10.00	36.23	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	450	10.00	35.22	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	460	10.00	35.21	99.99	99.99	7
8715	54	12.02	1300	1739	5m	99.99	99.99	99.99	470	10.00	35.21	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	480	10.00	35.21	99.99	w . w	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	490	9.m	35.19	99.99	99.99	7
8715	54	12.02	1300	1739	520	99.99	99.99	99.99	500	9.00	35.17	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	0	29.w	35.26	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	5	29.00	35.27	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	10	29.00	35.65	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	w . w	99.99	15	28.m	35.74	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	m	28.00	35.72	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	25	25.00	35.81	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	30	23.00	35.70	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	35	21.00	35.72	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	40	19.00	35.65	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	45	113.m	35.68	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	50	17.00	35.68	99.99	99.99	7
8715	55	14.18	1260	1800	1000	99.99	99.99	99.99	55	17.00	35.71	99.99	99.99	7

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	immersions	tomp	salinités	sigm	hctyn	radiales
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	110	14.00	35.50	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	120	14.00	35.49	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	130	14.00	35.48	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	140	14.00	35.47	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	150	13.00	35.43	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	160	13.00	35.41	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	170	13.00	35.40	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	180	13.00	35.40	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	190	13.00	35.39	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	200	13.00	35.38	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	210	13. w	35.37	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	220	13.00	35.36	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	230	12.00	35.35	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	240	12.00	35.34	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	250	12.00	35.29	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	260	12.00	35.27	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	270	12.00	35.26	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	280	11.00	35.24	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	290	11.00	35.23	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	300	11.00	35.22	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	310	11.00	35.23	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	320	11.00	35.24	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	330	11.00	35.25	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	340	11.00	35.25	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	350	11.00	35.26	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	360	11.00	35.27	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99. w	99.99	370	11.00	35.27	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	380	11.00	35.26	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	390	11. w	35.33	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	400	11. w	35.31	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	410	10.00	35.27	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	420	10.00	35.24	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	430	10.00	35.22	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	440	10.00	35.22	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	450	10. w	35.21	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	460	10. w	35.21	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	470	10.00	35.21	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99. w	99.99	480	10.00	35.19	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	490	9. w	35.18	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	500	9. w	35.17	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	520	9.00	35.16	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	540	9.00	35.15	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	460	9. w	35.12	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	580	9.00	35.10	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	600	8.00	35.08	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	620	8.00	35.05	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	MO	8.00	35.02	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	660	7.W	34.99	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99. w	99.99	99.99	680	7.00	34.96	99.99	99.99	7
8715	56	17.40	1300	1829	2000	99.99	99.99	99.99	7 w	7.00	34.94	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	0	29.00	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	5	29.00	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	10	28. W	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	15	28. W	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	20	28.00	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	25	28.00	35.66	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	30	18. W	35.67	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	35	26.00	35.76	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	40	24.00	35.80	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	45	21.00	35.81	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	50	19.00	35.74	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	55	18.00	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	60	17.00	35.64	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	65	17.00	35.63	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	70	16.00	35.62	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	75	16.00	35.63	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	80	15.00	35.62	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	85	15.00	35.M	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	90	15.00	35.59	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	95	15.00	35.57	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	100	14.00	35.56	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	110	14.00	35.53	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	120	14.00	35.50	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	140	13.00	35.48	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	150	13.00	35.44	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	160	13.00	35.39	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	170	13.00	35.39	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	180	13.00	35.40	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99. w	99.99	190	13.00	35.40	99.99	99.99	7

campagne	stations	heures	latitudes	longitudes	fond	tsech	viltvent	dirvent	mmersions	temp	salinités	sigm	hcdyn	radiales
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	200	12.00	35.36	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	210	12.00	35.37	99.99	99.99	7
8715	57	21.05	1300	1.359	2000	99.99	99.99	99.99	220	12.00	35.36	99.99	99.99	7
8715	57	21.05	1300	1859	2000	99.99	99.99	99.99	230	12.00	35.35	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	240	12.00	35.34	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	250	12.00	35.34	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	260	12.00	35.33	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	270	11.00	36.32	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	280	12.00	35.35	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	290	11.00	35.34	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	300	11.00	35.33	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	310	11.00	35.32	99.99	99.99	7
8715	57	21.08	1300	1.359	2000	99.99	99.99	99.99	320	11.00	35.32	99.99	99.99	7
0 7 1 5	57	21.08	1300	1859	2000	99.99	99.99	99.99	330	11.00	35.33	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	340	11.00	35.34	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	350	11.00	35.34	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	360	11.00	35.33	99.99	99.99	7
8715	57	21.08	1300	1869	2000	99.99	99.99	99.99	370	11.00	35.32	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	380	11.00	35.32	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	390	11.00	35.32	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	400	10.00	35.31	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	410	10.00	35.30	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	420	10.00	35.29	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	430	10.00	35.28	99.99	99.99	7
8715	57	21.08	1300	1.359	2000	99.99	99.99	99.99	M O	10.00	35.28	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	450	10.00	35.27	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	460	10.00	36.25	99.99	99.99	7
8715	57	21.08	1300	1559	2000	99.99	99.99	99.99	470	10.00	35.24	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	480	10.00	35.22	99.99	99.99	7
8715	57	21.08	1300	1559	2000	99.99	99.99	99.99	490	9.00	35.21	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	500	9.00	35.19	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	520	9.00	35.17	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	540	9.00	35.13	99.99	99.99	7
8715	57	21.08	1300	1559	2000	99.99	99.99	99.99	460	8.00	35.04	99.99	99.99	7
8715	57	21.06	1300	1859	2000	99.99	99.99	99.99	580	8.00	35.03	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	600	8.00	34.97	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	620	7.00	34.97	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	M O	7.00	34.94	99.99	99.99	7
0715	57	21.08	1300	1859	2000	99.99	99.99	99.99	660	7.00	34.90	99.99	99.99	7
8715	57	21.08	1300	1859	2000	99.99	99.99	99.99	680	7.00	34.89	99.99	99.99	7
8715	57	21.05	1300	1859	2000	99.99	99.99	99.99	700	7.00	34.88	99.99	99.99	7
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	0	29.00	34.44	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	5	29.00	34.45	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	10	29.00	34.56	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	15	28.00	34.81	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	20	28.00	35.56	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	25	28.00	35.72	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	30	26.00	35.83	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	35	24.00	36.04	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	40	22.00	35.95	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	45	21.00	35.00	99.99	99.99	8
5715	58	0.39	1230	1859	2000	99.99	99.99	99.99	50	19.00	35.77	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	55	18.00	35.73	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	60	17.00	35.72	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	65	16.00	35.70	99.99	99.99	8
8715	58	0.39	1230	1559	2000	99.99	99.99	99.99	70	16.00	35.72	99.99	99.99	8
8715	5.3	0.39	1230	1859	2000	99.99	99.99	99.99	75	15.00	35.68	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	80	15.00	35.68	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	85	15.00	36.67	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	90	15.00	35.62	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	95	14.00	35.57	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	100	14.00	35.53	99.99	99.99	8
8715	5.5	0.39	1230	1859	2000	99.99	99.99	99.99	110	14.00	35.55	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	120	14.00	35.54	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	130	13.00	35.51	99.99	99.99	8
8715	5.3	0.39	1230	1859	2000	99.99	99.99	99.99	140	13.00	35.44	99.99	99.99	8
8715	5.3	0.39	1230	1859	2000	99.99	99.99	99.99	150	13.00	35.44	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	160	13.00	35.44	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	170	13.00	35.44	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	180	12.00	35.41	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	190	12.00	35.38	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	200	12.00	36.41	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	210	12.00	35.41	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	220	12.00	35.40	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	230	12.00	35.39	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	240	12.00	35.39	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	250	12.00	35.39	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	260	12.00	35.38	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	270	12.00	35.36	99.99	99.99	8
8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	280	11.00	35.37	99.99	99.99	8

campagne	stations	heures	latitudes	longitudes	tond	tsch	vivent	dirvent	immersions	temp	salinité	sigm	hdyn	radiales	
	8715	68	0.39	1230	1859	2000	99.99	99.99	99.99	290	11.00	35.37	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	300	11.00	35.36	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	310	11.00	35.35	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	320	11.00	35.34	P9 . w	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	330	11.00	35.33	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	340	11.00	35.33	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	350	11.00	35.31	w . w	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	360	11.00	35.32	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	370	11.00	35.32	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	380	10.00	35.31	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	390	10.00	35.29	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	400	10.00	35.27	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	410	10.00	55.26	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	420	10.00	35.24	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	430	10.00	35.21	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	440	9.00	35.19	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	450	9 . w	35.17	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	460	9 . w	35.15	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	480	9 . w	35.14	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	490	9.00	35.11	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	500	9.00	35.08	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	520	8.00	35.06	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	540	8 . W	35.01	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	460	8.00	34.97	99.99	99.99	8
	8715	58	0.39	1 2 3 0	1859	2000	99.99	99.99	99.99	580	8 . W	34.94	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	600	7 . w	34.93	w . w	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	620	7 . w	34.93	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	M O	7 . w	34.91	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	660	7 . w	34.91	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	680	7 . w	34.88	99.99	99.99	8
	8715	58	0.39	1230	1859	2000	99.99	99.99	99.99	7 W	6 . W	34.84	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	0	29.W	31.10	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	5	29.w	31.63	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	10	29.W	31.83	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	15	29.W	32.04	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	20	28.W	32.50	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	25	26.00	34.57	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	30	24.00	35.90	w . w	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	35	22 . w	35.97	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	40	21.00	35.90	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	45	20.W	35.89	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	50	19.00	35.87	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	55	18.00	35.84	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	60	17.00	35.80	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	65	16.00	35.72	99.99	99.99	a
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	70	16.00	35.67	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	75	15.00	35.64	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	80	15.00	35.61	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	85	15.00	35.58	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	90	14.00	35.55	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	w . w	99.99	95	14.00	35.52	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	100	14.00	35.49	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	110	14.00	35.47	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	w . w	99.99	99.99	120	13.00	35.44	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	130	13.00	35.42	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	140	13.00	35.40	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	150	13.00	35.39	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	160	13.00	35.37	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	170	12.00	35.36	99.99	99.99	a
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	180	12.00	35.34	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	190	12.00	35.33	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	200	12.00	35.32	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	210	12.00	35.31	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	220	12.00	35.31	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	230	12.00	35.29	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	240	12.00	35.31	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	250	12.00	35.32	99.99	99.99	a
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	260	12.00	35.32	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	270	12.00	35.32	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	280	11.00	35.33	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	290	11.00	35.30	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	300	11.00	35.30	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	310	11.00	35.31	99.99	99.99	8
	8715	69	4.05	1231	1829	1000	99.99	99.99	99.99	320	11.00	35.31	99.99	99.99	8
	6715	59	4.05	1231	1829	1000	99.99	99.99	99.99	330	11.00	36.31	99 . w	99.99	8
	8715	59	4.05	1231	1829	1000	w . w	99.99	99.99	340	11.00	35.31	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	350	11.00	35.30	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	360	11.00	35.28	99.99	99.99	8
	8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	370	11.00	35.26	99.99	99.99	8

campagne	stations	heures	latitudes	longitudes	fond	taech	vivent	dirvent	immersion	temp	salinité	sigm	hdyn	radiales
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	380	11.00	35.25	99.99	99.99	8
8715	59	4.05	1231	1829	1000	w . w	99 . w	99.99	390	10.00	35.25	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	400	10.00	35.27	w . w	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	410	10.00	35.27	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	420	10.00	35.27	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	430	10.00	35.27	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	450	10.00	35.27	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	460	10.00	35.25	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	470	10.00	35.23	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	480	10.00	35.23	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	490	9.00	35.20	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	500	9.00	35.16	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	520	9 . m	35.13	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	540	9.00	35.11	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	560	9.00	35.11	w . w	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	580	8.00	35.11	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	600	8.00	35.06	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	620	8.00	35.03	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	M O	7 . m	35.00	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	660	7 . w	34.96	w . w	99.99	8
8715	59	4.05	1231	1829	1000	99.99	99.99	99.99	680	7.00	34.93	99.99	99.99	8
8715	59	4.05	1231	1829	1000	99.99	w . w	99.99	700	7 . w	34.91	w . w	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	0	29.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	5	29.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	10	29.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	15	29.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	20	28.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	25	28.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	30	26.00	99.99	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	40	24.00	35.81	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	45	22.00	35.77	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	50	21.00	35.79	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	55	20 . m	35.88	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	60	19.00	35.85	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	65	18.00	35.86	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	70	18.00	35.81	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	75	17.00	35.76	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	80	16.00	35.73	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	85	16.00	35.70	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	90	16.00	35.68	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	95	15.00	35.66	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	100	15.00	35.62	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	110	14.00	35.57	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	120	14.00	35.52	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	130	14.00	35.49	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	w . w	99.99	140	14.00	35.46	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	150	13.00	35.43	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	P9 . w	99.99	160	13.00	35.42	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	170	13.00	35.40	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	180	13.00	35.39	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	190	13.00	35.38	99.99	w . w	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	200	13.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	210	12 . m	35.35	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	220	12.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	230	12 . w	35.33	w . w	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	240	12.00	35.33	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	250	12 . M	35.52	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	260	12 . w	35.32	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	270	12 . m	35.32	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	280	12.00	35.36	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	290	12 . m	35.36	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	300	12.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	310	11 . w	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	320	11.00	35.35	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	330	11.00	35.35	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	340	11.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	350	11.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	360	11.00	35.34	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	370	11.00	35.33	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	380	10.00	35.32	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	390	10.00	35.29	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	400	10.00	35.27	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	410	10.00	35.26	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	420	10.00	35.25	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	430	10.00	35.23	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	M O	9.00	35.19	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	450	9.00	35.15	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	460	9 . m	35.15	99.99	99.99	8

campagne	stations	heures	latitudes	longitudes	fond	tsech	vilvent	dirvent	immersions	temp	salinités	sigm	hdyin	radiales
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	470	9.00	35.14	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	480	9.00	35.11	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	490	9.00	35.10	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	500	9.00	35.09	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	520	8.00	35.05	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	540	8.00	35.03	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	460	8.00	35.02	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	580	8.00	35.01	99.99	99.99	8
8715	60	7.57	1230	1800	1000	99.99	99.99	99.99	600	8.00	34.96	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	8	29.00	35.53	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	5	29.00	35.51	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	10	29.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	15	29.00	35.52	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	20	28.00	35.57	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	25	26.00	35.63	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	30	24.00	35.96	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	35	21.00	35.88	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	40	20.00	35.86	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	45	19.00	35.81	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	50	18.00	35.76	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	55	17.00	35.72	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	60	17.00	35.69	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	65	17.00	35.69	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	70	16.00	35.67	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	75	16.00	35.64	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	80	15.00	35.63	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	85	15.00	35.62	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	90	15.00	35.62	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	95	15.00	35.62	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	100	15.00	35.61	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	110	15.00	35.59	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	120	14.00	35.54	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	130	14.00	35.50	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	140	14.00	35.47	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	150	13.00	35.45	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	160	13.00	35.41	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	170	13.00	35.39	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	180	13.00	35.38	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	190	13.00	35.37	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	200	13.00	35.36	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	210	12.00	35.34	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	220	12.00	35.33	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	230	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	240	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	250	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	260	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	270	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	280	12.00	35.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	290	12.00	35.33	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	300	12.00	35.34	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	310	11.00	35.36	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	320	11.00	35.35	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	330	11.00	35.34	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	340	11.00	35.34	99.99	99.99	8
6715	61	10.15	1229	1747	1000	99.99	99.99	99.99	350	11.00	35.34	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	360	11.00	35.33	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	370	11.00	36.32	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	380	10.00	35.30	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	390	10.00	35.27	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	400	10.00	35.25	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	410	10.00	35.24	99.99	99.99	8
6715	61	10.15	1229	1747	1000	99.99	99.99	99.99	420	10.00	35.24	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	430	10.00	35.22	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	MO	10.00	35.20	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	450	10.00	35.19	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	460	9.00	35.17	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	470	9.00	35.17	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	480	9.00	35.14	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	490	9.00	35.08	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	500	8.00	35.04	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	520	8.00	35.04	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	540	8.00	35.01	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	460	8.00	34.99	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	580	11.00	34.97	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	600	7.00	34.94	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	620	7.00	34.92	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	640	7.00	34.90	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	660	7.00	34.88	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	680	7.00	34.86	99.99	99.99	8
8715	61	10.15	1229	1747	1000	99.99	99.99	99.99	700	6.00	34.85	99.99	99.99	8

campagne	stations	heures	latitudes	longitude	fond	tsech	vitvent	dirvent	immersion	temp	salinités	sgm	hdyn	radioles
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	0	29.00	35.52	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	5	29.00	35.51	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	10	29.00	35.50	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	15	28. m	35.49	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	20	27.00	35.49	99.99	99.99	8
6715	62	12.09	1229	1737	470	99.99	99.99	99.99	25	25.00	35.64	99.99	99.99	8
5715	62	12.09	1229	1737	470	99.99	99.99	99.99	30	22.00	35.69	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	35	21.00	35.67	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	40	19.00	35.66	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	45	19.00	35.68	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	50	18.00	35.71	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	55	18.00	35.76	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	60	17.00	35.73	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	65	1b. W	35.67	99.99	99.99	8
8715	62	12. w	1229	1737	470	99.99	99.99	99.99	70	16.00	35.65	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	75	1 h-W	35.64	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	80	16.00	35.61	99.99	99.99	8
5715	62	12. w	1229	1737	470	99.99	99.99	99.99	85	i5. m	35.61	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	90	15.00	35.61	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	95	15.00	35.61	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	100	15.00	35.61	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	110	15.00	35.59	99.99	99.99	8
5715	62	12.09	1229	1737	470	99.99	99.99	99.99	120	15.00	35.57	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	130	14.00	35.53	99.99	99.99	8
5715	62	12.09	1229	1737	470	99.99	99.99	99.99	140	14.00	35.50	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	150	14.00	35.50	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	160	14.00	35.50	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	170	14.00	35.49	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	180	14.00	35.48	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	190	14.00	35.47	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	200	i3. m	35.44	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	210	13.00	35.51	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	220	13.00	35.38	99.99	99.99	8
8715	62	12. w	1229	1737	470	99.99	99.99	99.99	230	i2. m	35.34	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	240	12.00	35.32	99.99	99.99	8
5715	62	12.09	1229	1737	470	99.99	99.99	99.99	250	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	260	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	270	12.00	35.31	99.99	99.99	8
5715	62	12.09	1229	1737	470	99.99	99.99	99.99	280	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	290	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	300	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	310	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	320	12.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	330	11.00	35.31	99.99	99.99	8
8715	62	12.09	1229	1737	4 7 0	99.99	99.99	99.99	340	11.00	35.30	99.99	99.99	8
8715	62	12.09	1229	1737	4 7 0	99.99	99.99	99.99	350	11.00	35.30	99.99	99.99	8
8715	62	12.09	1229	1737	4 7 0	99.99	99.99	99.99	360	11.00	35.29	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	370	11.00	35.29	99.99	99.99	8
8715	62	12.09	1229	1737	470	99.99	99.99	99.99	380	11.00	35.29	99.99	99.99	8
8715	63	14.29	1229	1714	17	99.99	99.99	99.99	0	29. m	34.28	99.99	99.99	8
8715	63	14.29	1229	1714	1 7	99.99	99.99	99.99	5	29.00	34.31	99.99	99.99	8
8715	63	14.29	1229	1714	17	99.99	99.99	99.99	10	28. m	34.48	99.99	99.99	8
8715	b4	1b.54	1231	1653	10	99.99	99.99	99.99	0	30. m	34.04	99.99	99.99	8
8715	64	16.54	1231	1653	10	99.99	99.99	99.99	5	29. m	34.03	99.99	99.99	8

CAMPAGNE LOUIS SAUGER 8715

DU 15/09/1987 AU 22/09/1987

DONNEES CHIMIQUES

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	PO4	Sio2	CHCT	RAD
1	8715	1	1601	1632	1	0	26.45	3.70			0.53	0.85	1.93	1
2	8715	1	'601	1632	2	5	16.29	3.60			0.57	0.77	2.33	1
3	8715	1	1601	1632	3	10	23.24	2.60	0.73	1.40	2.54	1.77	0.08	1
4	8715	2	1603	1641	1	0	26.88	-5.20	0.88	0.25	1.15	0.00	0.12	1
5	8715	2	'603	1641	2	10	26.88	3.70	11.84	0.25	1.16	0.00	0.19	1
6	8715	2	1603	1641	3	22	21.76	3.20	2.63	0.57	1.25	0.00	0.16	1
7	8715	2	'603	1641	4	35	19.02	99.99	6.78	0.72	2.06	1.77	0.22	1
8	8715	2	1603	1641	5	44	16.95	99.99	11.60	0.54	3.00	2.61	0.10	1
9	8715	3	1602	1651	1	0	28.01	99.99	0.21	0.14	0.93	0.00	0.12	1
10	8715	3	1602	1651	2	10	28.01	99.99	0.07	0.05	0.70	0.00	0.00	1
11	8715	3	1602	1651	3	22	23.11	4.70	0.17	0.11	0.72	0.00	0.24	1
12	8715	3	1602	1651	4	32	19.62	3.00	4.97	0.30	1.56	0.38	0.40	1
13	8715	3	1602	1651	5	55	15.56	1.30	13.37	0.08	2.99	1.92	0.06	1
14	8715	3	1602	1651	6	80	14.86	1.20	11.13	0.12	2.71	5.08	0.06	1
15	8715	3	1602	1651	7	94	14.53	1.50	12.35	0.11	2.99	4.46	0.06	1
16	8715	4	1602	1658	1	0	28.29	3.90	0.36	0.11	0.72	0.00	0.08	1
17	8715	4	1602	1658	2	9	28.38	3.90	0.07	0.03	0.59	0.00	0.09	1
18	8715	4	1602	1658	3	18	28.49	3.90	0.13	0.07	0.62	0.00	0.10	1
19	8715	4	1602	1658	4	28	27.68	4.00	0.08	0.05	0.61	0.00	0.07	1
20	8715	4	1602	1658	5	45	18.94	-2.40	5.00	0.41	1.54	0.31	0.30	1
21	8715	4	1602	1658	6	66	15.76	1.30	9.50	0.43	2.66	2.00	0.01	1
22	8715	4	1602	1658	7	90	14.91	1.50	11.31	0.10	2.72	3.23	0.04	1
23	8715	4	1602	1658	8	130	15.17	1.50	12.27	0.09	2.95	3.31	99.99	1
24	8715	4	1602	1658	9	182	13.58	1.50	12.61	0.06	2.86	4.54	99.99	1
25	8715	4	1602	1658	10	260	12.91	1.40	13.58	0.06	3.04	3.69	0.01	1
26	8715	4	1602	1658	11	360	11.63	1.00	4.77	0.20	3.18	7.38	0.00	1
27	8715	5	1602	1715	1	0	28.73	3.70	0.13	0.03	0.60	0.00	0.05	1
28	8715	6	1602	1729	1	0	28.91	3.90	0.15	0.06	0.55	0.00	0.08	1
29	8715	7	1605	1746	1	0	28.70	3.80	3.28	0.13	0.57	0.00	0.08	1
30	8715	8	1604	1830	1	0	28.90	4.20	0.21	0.08	0.50	1.69	0.08	1
31	8715	9	1601	1900	1	0	28.45	99.99	0.05	0.02	0.59	0.92	0.08	1
32	8715	10	1529	1860	1	0	28.93	3.80	0.13	0.08	0.05	1.61	0.08	2
33	8715	'1	1530	1829	1	0	28.78	3.80	0.08	0.03	0.04	1.61	0.00	2
34	8715	'2	1530	1800	1	0	28.51	3.60	0.24	0.18	0.01	1.15	0.06	2
35	8715	'3	1528	'727	1	0	28.80	3.60	0.07	0.06	0.01	1.08	0.07	2
36	8715	14	1529	1710	1	0	28.57	99.99	0.04	0.03	0.14	1.15	0.06	2
37	8715	'5	'530	1704	1	0	27.69	99.99	0.18	0.07	0.13	1.31	0.21	2
38	8715	16	1544	1658	1	0	27.59	99.99	0.10	0.07	0.13	3.38	0.32	2
39	8715	17	'529	1653	1	0	27.48	99.99	0.17	0.11	0.43	3.38	1.12	2
40	8715	18	1530	1645	1	0	27.02	3.60	0.96	0.27	0.02	4.54	2.00	2
41	8715	19	'500	1705	1	0	27.31	3.60	0.14	0.12	0.42	2.00	2.40	3
42	8715	'9	1500	1705	2	10	25.90	3.00	0.28	0.12	0.56	4.69	3.27	3
43	8715	19	1500	1705	3	20	24.94	2.40	3.10	0.25	0.77	3.92	1.27	3
44	8715	20	1500	1706	1	0	27.73	4.90	0.19	0.13	0.46	2.00	0.91	3
45	8715	20	'500	1706	2	10	27.45	99.99	0.08	0.10	0.48	4.15	2.10	3
46	8715	20	1500	1706	3	20	23.98	2.90	1.45	0.36	0.57	3.92	4.82	3
47	8715	20	1500	1706	4	30	20.37	99.99	5.67	0.39	0.83	7.77	0.63	3
48	8715	20	1500	1706	5	41	17.08	1.30	11.78	0.47	1.33	4.92	0.25	3
49	8715	21	'500	1715	1	0	28.15	99.99	0.12	0.08	0.37	2.46	0.34	3
50	8715	21	'500	1715	2	10	27.62	99.99	0.12	0.09	0.38	2.38	1.02	3
51	8715	21	1500	1715	3	20	22.41	3.20	1.31	0.29	0.49	4.23	1.19	3
52	8715	21	1500	1715	4	30	19.89	2.70	3.7	0.34	0.66	8.69	-0.37	3
53	8715	21	1500	1715	5	50	16.82	1.50	10.21	0.45	1.30	10.20	0.29	3
54	8715	21	1500	1715	6	70	15.29	99.99	11.25	0.11	1.31	10.20	0.07	3
55	8715	21	1500	1715	7	89	15.04	'w . w	14.02	0.15	1.49	3.77	0.12	3
56	8715	22	1500	1721	1	0	28.34	4.30	0.11	0.06	0.41	2.54	99.99	3
57	8715	22	1500	1721	2	10	27.98	3.60	0.09	0.05	0.33	4.31	99.99	3
58	8715	22	1500	1721	3	20	23.06	99.99	99.99	99.99	99.99	99.99	99.99	3
59	8715	22	1500	1721	4	30	19.82	3.10	2.46	0.44	0.55	4.92	99.99	3
60	8715	22	1500	1721	5	50	19.26	99.99	5.01	0.37	0.76	6.23	99.99	3
61	8715	22	1500	1721	6	75	16.35	-1.30	9.80	0.19	1.15	9.31	99.99	3
62	8715	22	1500	1721	7	100	15.13	99.99	10.49	0.13	1.26	9.54	99.99	3
63	8715	22	1500	1721	8	146	14.08	-1.30	12.51	0.07	1.47	11.00	99.99	3
64	8715	22	1500	1721	9	200	13.79	99.99	99.99	99.99	'w . w	99.99	99.99	3
65	8715	22	1500	1721	10	297	12.18	1.10	12.20	0.10	1.51	'5.30	99.99	3
66	8715	22	1500	1721	11	394	10.51	99.99	17.13	0.07	1.90	12.80	99.99	3
67	8715	23	1460	1759	1	0	28.51	'w . w	0.34	0.19	0.44	4.69	0.05	3
68	8715	24	1500	1759	1	0	28.51	2.80	0.12	0.06	0.31	2.61	9.11	3
69	8715	25	1500	1830	1	0	28.99	'w . w	0.28	0.11	0.27	1.15	0.10	3
70	8715	26	1459	1860	1	0	28.79	99.99	0.32	0.07	0.30	1.61	0.07	3

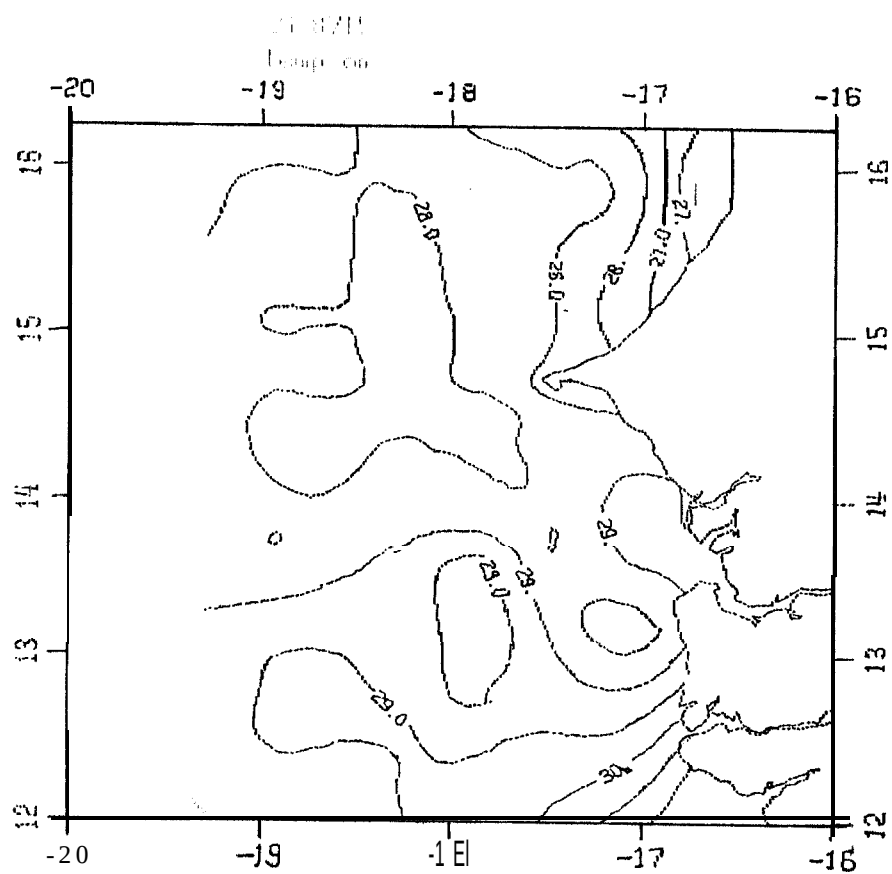
Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	immersions	Tmp	O2	NO3	NO2	P04	Si02	CHC	RA
71	8715	27	1435	1859	1	0	28.90	99.99	0.08	0.05	0.24	0.54	0.07	4
72	8715	28	1434	1829	1	0	28.74	99.99	0.35	0.14	0.29	0.61	0.07	4
73	8715	29	1434	1760	1	0	28.78	99.99	0.10	0.06	0.24	0.92	0.06	4
74	8715	30	1435	1743	1	0	28.70	99.99	0.12	0.38	0.36	0.77	0.08	4
75	8715	30	1435	1743	2	10	28.66	99.99	0.12	0.07	0.24	0.92	0.09	4
76	8715	30	1435	1743	3	20	28.69	99.99	0.13	0.08	0.22	0.92	-0.08	4
77	8715	30	1435	1743	4	29	27.63	99.99	0.11	0.07	0.27	1.15	0.40	4
78	8715	30	1435	1743	5	50	19.34	99.99	3.13	0.44	0.60	2.38	0.24	4
79	8715	30	1435	1743	6	73	16.10	99.99	11.77	0.13	1.25	4.54	0.04	4
80	8715	30	1435	1743	7	100	15.38	3.90	12.20	0.09	1.33	7.85	0.04	4
81	8715	30	1435	1743	8	150	13.73	99.99	13.56	0.09	1.51	8.92	0.01	4
82	8715	30	1435	1743	9	200	13.12	99.99	12.42	0.09	1.35	7.69	99.99	4
83	8715	30	1435	1743	10	299	12.21	99.99	16.34	0.06	1.65	9.69	99.99	4
84	8715	30	1435	1743	11	392	11.21	99.99	15.57	0.14	1.58	-10.40	99.99	4
85	8715	31	1435	1736	1	0	28.60	99.99	0.26	0.10	0.30	0.92	0.09	4
86	8715	31	1435	1736	2	10	28.65	99.99	0.16	0.08	0.26	0.92	0.10	4
87	8715	31	1435	1736	3	20	28.60	3.90	0.22	0.14	0.23	1.00	0.11	4
88	8715	31	1435	1736	4	30	24.65	99.99	0.28	0.13	0.33	1.23	0.12	4
89	8715	31	1435	1736	5	50	19.55	99.99	4.41	0.31	0.72	3.69	0.26	4
90	8715	31	1435	1736	6	74	16.10	99.99	13.32	0.29	1.47	7.08	0.18	4
91	8715	31	1435	1736	7	101	15.00	2.20	10.40	0.13	1.23	8.31	0.07	4
92	8715	31	1435	1736	8	153	14.26	1.40	14.63	0.12	1.61	8.92	0.02	4
93	8715	31	1435	1736	9	206	13.56	99.99	11.97	0.14	1.44	9.08	0.01	4
94	8715	31	1435	1736	10	252	13.07	1.20	11.76	0.10	1.39	8.46	0.02	4
95	8715	32	1434	1732		0	28.72	99.99	0.18	0.11	0.33	2.08	0.15	4
96	8715	32	1434	1732	2	10	28.73	4.00	0.13	0.10	0.30	1.38	0.08	4
97	8715	32	1434	1732	3	20	27.68	99.99	0.13	0.10	0.34	1.46	0.15	4
98	8715	32	1434	1732	4	30	26.02	3.90	0.16	0.12	0.34	1.61	0.25	4
99	8715	32	1434	1732	5	50	99.99	99.99	4.55	0.36	0.77	3.08	0.12	4
100	8715	32	1434	1732	6	70	16.96	99.99	9.16	0.34	1.29	6.31	0.23	4
101	8715	33	1434	1721	1	0	28.63	3.90	0.14	0.09	0.37	2.85	0.09	4
102	8715	33	1434	1721	2	10	28.60	3.80	0.11	0.10	0.32	1.61	0.12	4
103	8715	33	1434	1721	3	20	27.71	3.90	0.14	0.08	0.61	1.85	0.17	4
104	8715	34	1434	1711	1	0	28.41	3.70	0.10	0.08	0.61	4.38	0.79	4
105	8715	34	1434	1711	2	10	28.39	3.70	0.09	0.08	0.58	2.85	0.82	4
106	8715	35	1407	1701	1	0	29.21	99.99	0.20	0.13	0.72	3.31	2.96	5
107	8715	36	1407	1716	1	0	28.97	3.80	0.09	0.07	0.31	1.31	0.15	5
108	8715	37	1407	1729	1	0	29.01	3.80	0.07	0.07	0.28	2.54	0.11	5
109	8715	38	1407	1735	1	0	28.94	3.90	0.07	0.08	0.25	1.38	0.09	5
110	8715	39	1407	1748	1	0	28.81	3.90	0.10	0.08	0.27	1.23	0.07	5
111	8715	40	1407	1759	1	0	28.87	3.90	0.08	0.08	0.30	1.00	-0.02	5
112	8715	41	1407	1830	1	0	28.64	1.20	0.09	0.08	0.28	1.15	0.03	5
113	8715	42	1407	1859	1	0	28.00	3.90	99.99	99.99	99.99	1.00	0.15	5
114	8715	43	1337	1900	1	0	28.76	99.99	0.06	0.08	0.28	1.85	2.70	6
115	8715	44	1337	1830	1	0	29.13	3.80	0.09	0.08	0.27	1.46	0.07	6
116	8715	45	1337	1759	1	0	29.51	99.99	0.07	0.07	0.28	1.15	0.06	6
117	8715	46	1337	1744	1	0	29.17	3.90	0.14	0.10	0.29	1.15	0.02	6
118	8715	46	1337	1744	2	10	28.76	3.70	0.16	0.11	0.29	1.69	0.02	6
119	8715	46	1337	1744	3	20	28.77	3.60	0.19	0.12	0.28	1.31	0.00	6
120	8715	46	1337	1744	4	30	28.37	3.80	0.06	0.08	0.48	1.38	0.10	6
121	8715	46	1337	1744	5	49	21.34	3.00	1j.47	0.23	1.04	1.46	0.34	6
122	8715	46	1337	1744	6	75	17.03	99.99	9.7	0.15	1.18	5.31	0.04	6
123	8715	46	1337	1744	7	100	15.75	-1.30	12.08	0.15	1.43	6.00	0.06	6
					8	146	14.23	1.30	14.72	0.09	1.25	7.38	99.99	6
125	8715	46	1337	1744	9	200	13.43	1.50	11.91	0.15	1.56	8.23	99.99	6
126	8715	46	1337	1744	10	296	12.22	1.40	16.58	0.08	1.47	8.54	99.99	6
127	8715	46	1337	1744	11	391	11.38	1.00	14.08	0.10	0.39	9.92	99.99	6
128	8715	47	1338	1728		0	29.12	4.00	0.17	0.08	0.33	1.23	0.16	6
129	8715	47	1338	1728	2	5	29.02	99.99	0.19	0.11	0.31	1.15	0.14	6
130	8715	47	1338	1728	3	10	28.62	3.90	0.16	0.12	0.29	1.54	0.22	6
131	8715	47	1338	1728	4	20	27.28	99.99	0.07	0.10	0.43	1.77	0.37	6
132	8715	47	1338	1728	5	40	22.38	3.50	1.11	0.34	0.51	2.92	0.24	6
133	8715	47	1338	1728	6	65	17.09	1.70	9.83	0.34	1.14	5.69	0.14	6
134	8715	47	1338	1728	7	90	15.74	1.50	11.25	0.32	1.27	5.08	0.08	6
135	8715	47	1338	1728	8	135	14.84	1.30	12.40	0.13	1.35	6.46	0.08	6
136	8715	47	1338	1728	9	180	14.18	99.99	12.33	0.28	1.38	7.61	0.02	6
137	8715	47	1338	1728	10	280	12.60	1.50	13.07	0.12	1.43	8.38	99.99	6
138	8715	47	1338	1728	11	380	11.35	1.30	13.03	0.11	1.49	15.90	99.99	6
139	8715	48	1336	1716	1	0	29.07	3.90	0.33	0.18	0.48	1.69	0.15	6
140	8715	48	1336	1716	2	10	28.93	4.00	0.87	0.41	0.49	1.23	0.19	6

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	immersions	Tmp	O2	NO3	NO2	Po4	Sio2	CHLT	RA
141	8715	48	1336	1716	3	20	28.41	4.00	0.13	0.13	0.39	1.38	0.20	6
142	8715	48	1336	1716	4	30	26.67	3.80	0.18	0.13	0.49	2.15	0.61	6
143	8715	48	1336	1716	5	50	19.94	2.50	5.02	0.50	0.83	2.85	0.31	6
144	8715	48	1336	1716	6	70	15.26	1.40	12.10	0.22	1.43	7.38	0.12	6
145	8715	48	1336	1716	7	86	14.83	1.30	-11.92	0.46	1.08	7.59	0.00	6
146	8715	49	1337	1714	1	0	28.92	3.60	0.15	0.11	0.43	1.08		-6
147	8715	49	1337	1714	2	10	28.85	3.70	0.12	0.11	0.36	1.38		6
148	8715	49	1337	1714	3	20	27.05	3.20	0.21	0.14	0.53	1.69	0.05	6
149	8715	49	1337	1714	4	31	21.41	1.60	4.76	0.79	1.08	7.23	0.40	6
150	8715	49	1337	1714	5	40	18.36	1.00	8.12	0.95	1.24	11.50	99.99	6
151	8715	50	1337	1656	1	0	29.21	4.30	0.11	0.13	0.69	2.23	0.92	6
152	8715	50	1337	1656	2	8	29.13	3.90	0.10	0.12	0.68	5.46	1.57	6
153	8715	51	1300	1657	1	0	29.01	4.00	0.18	0.15	0.64	5.38	0.98	7
154	8715	52	1300	1711	1	0	28.98	3.90	0.08	0.10	0.56	5.54	0.43	7
155	8715	53	1259	1426	1	0	29.19	99.99	0.09	0.11	0.53	99.99	0.29	7
156	8715	54	1300	1739	1	0	29.21	3.60	0.06	0.10	0.41	1.31	0.34	7
157	8715	55	1260	1800	1	0	29.66	4.00	0.07	0.12	0.37	1.23	1.49	7
158	8715	56	1300	1829	1	0	29.88	3.70	0.06	0.09	0.41	4.38	0.21	7
159	8715	57	1300	1859	1	0	29.48	3.90	0.07	0.10	0.37	1.38	0.09	7
160	8715	58	1230	1859	1	0	29.75	4.00	0.08	0.10	0.35	1.85	2.19	8
161	8715	59	1231	1829	1	0	29.54	4.10	0.02	0.11	0.31	1.61	1.24	8
162	8715	60	1230	1800	1	0	29.43	4.10	0.00	0.10	0.33	2.15	1.45	8
163	8715	61	1229	1747	1	0	29.34	4.00	0.03	0.11	0.32	1.69	1.80	8
164	8715	61	1229	1747	2	9	29.26	4.20	0.04	0.12	0.32	0.38	2.00	8
165	8715	61	1229	1747	3	18	28.86	4.10	0.02	0.11	0.31	0.31	1.76	8
166	8715	61	1229	1747	4	25	26.48	3.90	0.04	0.32	0.33	1.00	0.96	8
167	8715	61	1229	1747	5	45	20.16	3.00	1.32	0.25	0.47	4.77	0.10	8
168	8715	61	1229	1747	6	63	17.11	1.60	11.21	0.14	1.15	5.77	0.08	8
169	8715	61	1229	1747	7	80	15.85	1.50	16.42	0.16	1.13	5.92	0.06	8
170	8715	61	1229	1747	8	122	14.51	1.80	10.21	0.11	1.18	6.77	99.99	8
171	8715	61	1229	1747	9	169	13.49	1.90	10.96	0.11	1.19	8.38	99.99	8
172	8715	61	1229	1747	10	256	12.40	2.00	16.15	0.11	1.58	13.70	99.99	8
173	8715	61	1229	1747	11	354	11.36	1.00	14.59	0.12	1.52	16.80	99.99	8
174	8715	62	1229	1737	1	0	29.50	4.10	0.11	0.11	0.36	1.38	2.32	8
175	8715	62	1229	1737	2	5	29.31	4.10	0.06	0.11	0.34	1.23	2.10	8
176	8715	62	1229	1737	3	15	29.22	4.00	0.02	99.99	99.99	1.69	2.56	8
177	8715	62	1229	1737	4	25	27.91	3.70	0.03	0.13	0.34	1.85	0.00	8
178	8715	62	1229	1737	5	38	21.56	2.60	99.99	0.17	1.34	2.38		8
179	8715	62	1229	1737	6	57	18.55	2.00	10.22	0.32	1.18	6.46	0.23	8
180	8715	62	1229	1737	7	68	16.56	1.40	6.66	0.32	0.92	8.08	0.10	8
181	8715	62	1229	1737	8	112	15.46	1.30	99.99	0.55	0.70	8.23	99.99	8
182	8715	62	1229	1737	9	154	14.56	1.30	12.31	0.12	1.35	8.54	99.99	8
183	8715	63	1229	1714	1	0	29.65	4.00	0.10	0.11	0.55	4.54	0.37	8
184	8715	63	1229	1714	2	10	28.21	4.20	99.99	0.11	0.50	6.61	1.29	8
185	8715	63	1229	1714	3	15	25.64	1.90	11.38	0.59	0.96	12.90	3.20	8
186	8715	64	1231	1653	1	0	30.13	4.40	0.22	0.01	0.64	7.15	2.16	8

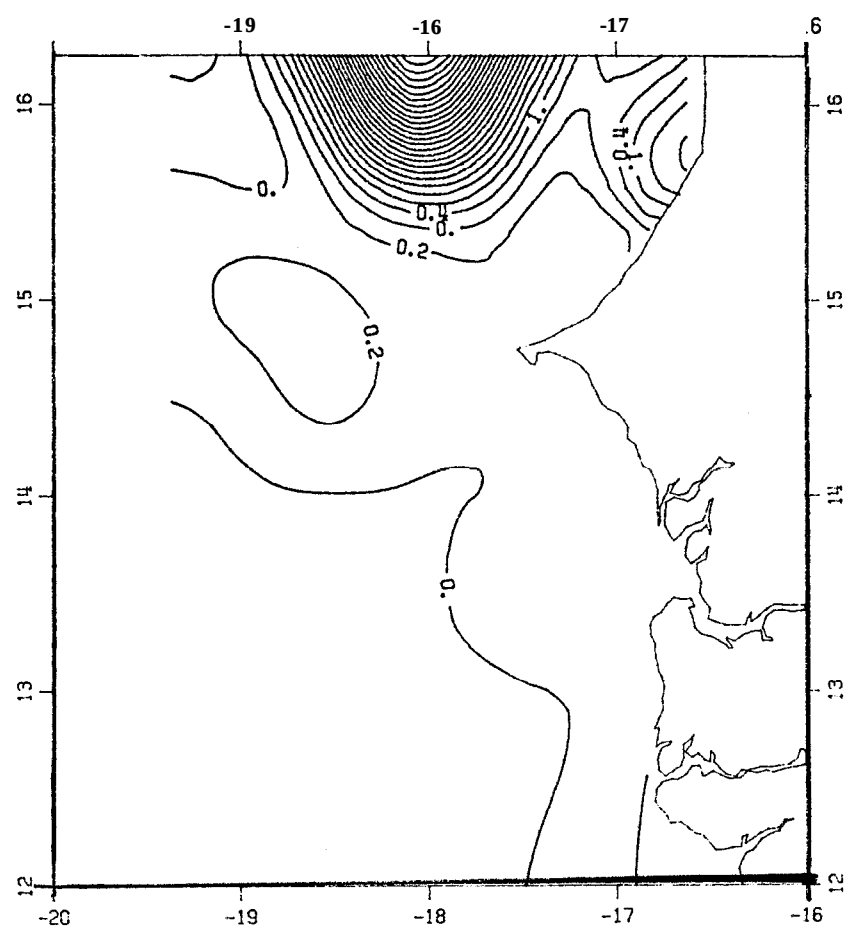
CAMPAGNE LOUIS SAUGER 8715

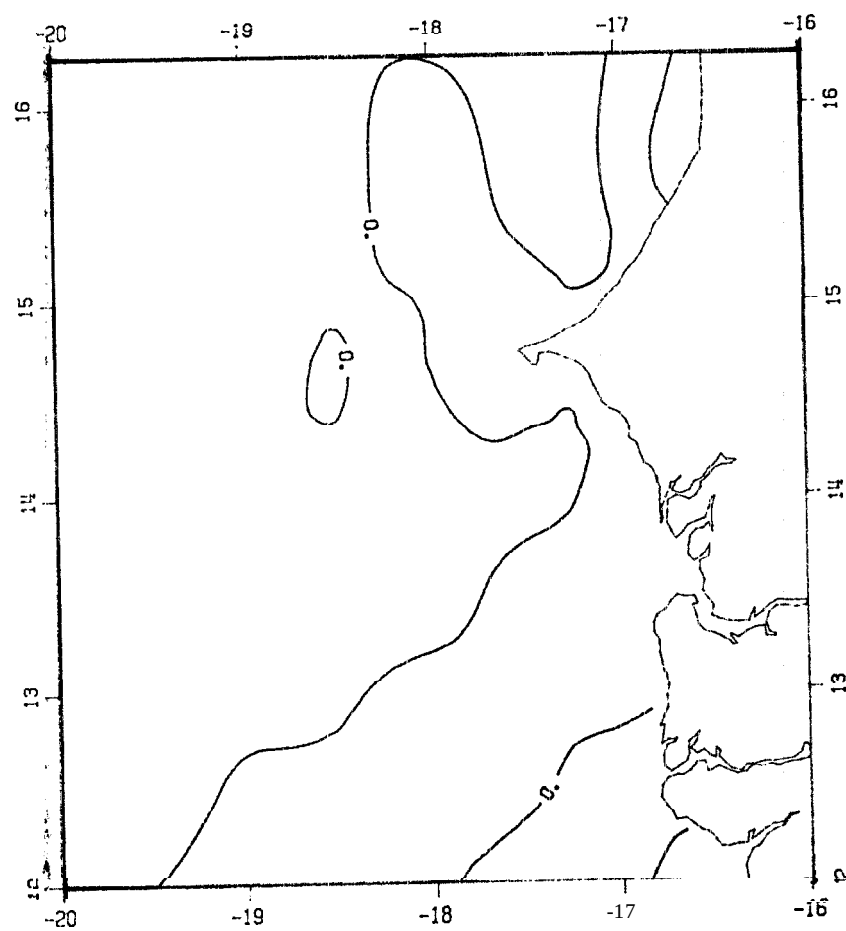
DU 15/09/1987 AU 22/09/1987

CARTES DE SURFACE ET COUPES.

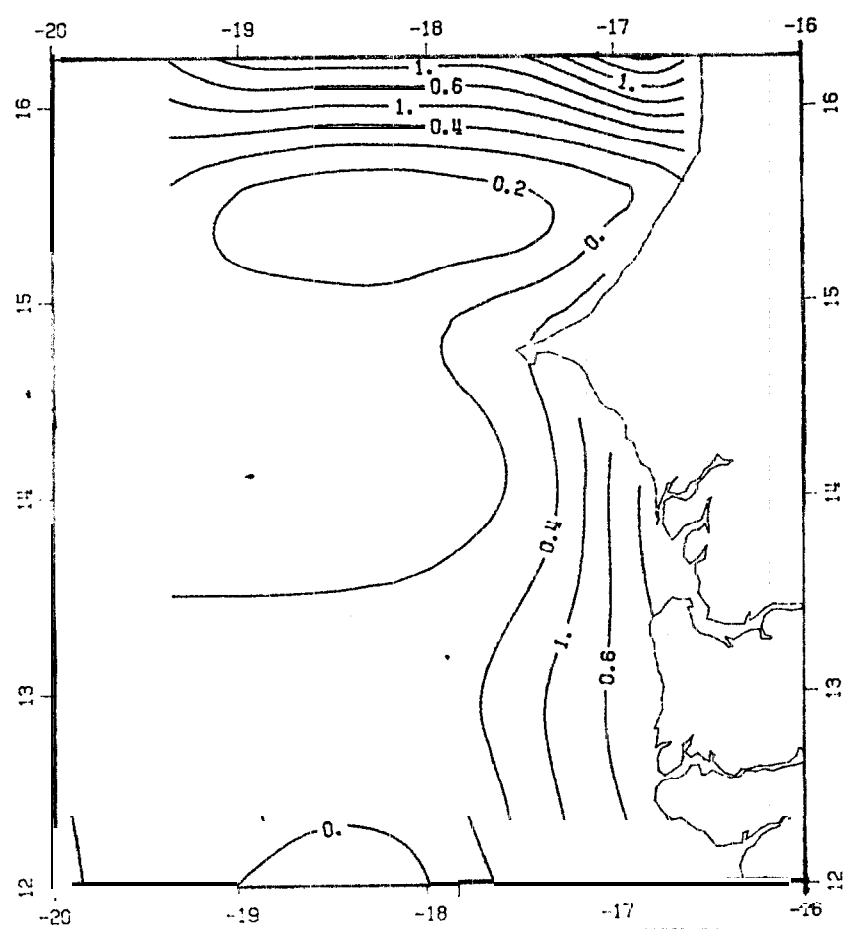


CAMPAGNE 8715 : CARTE DES TEMPERATURES (°C) EN SURFACE

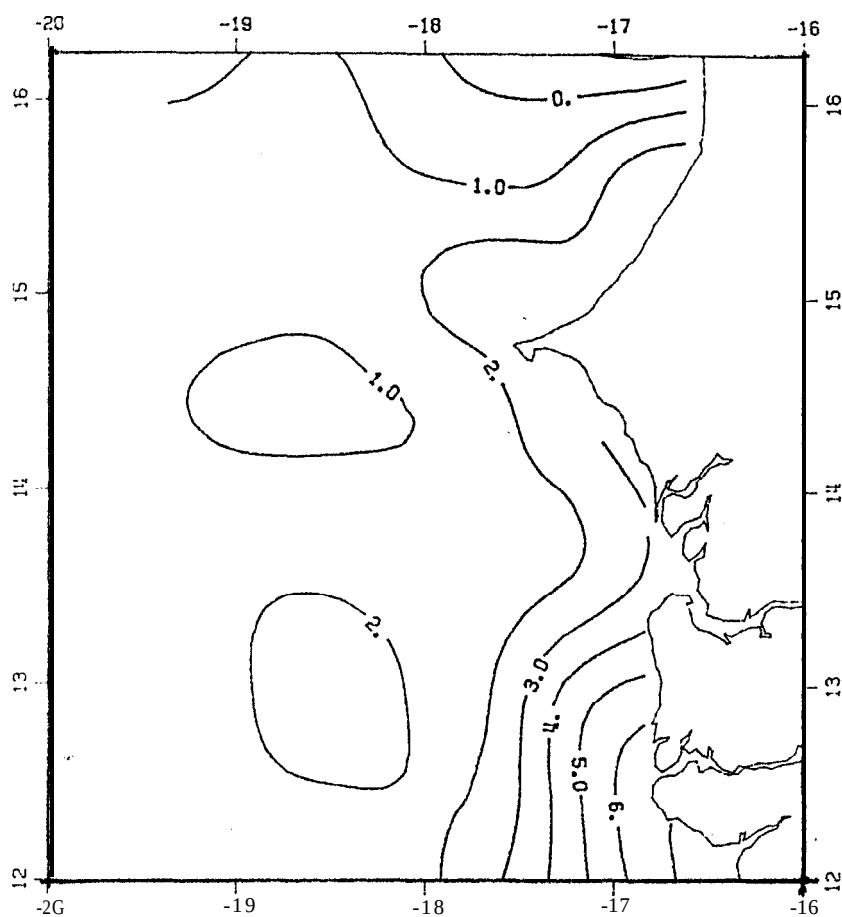
CAMPAGNE 8715 : CARTE DES NITRATES (en $\mu\text{atg/l}$) EN SURFACE



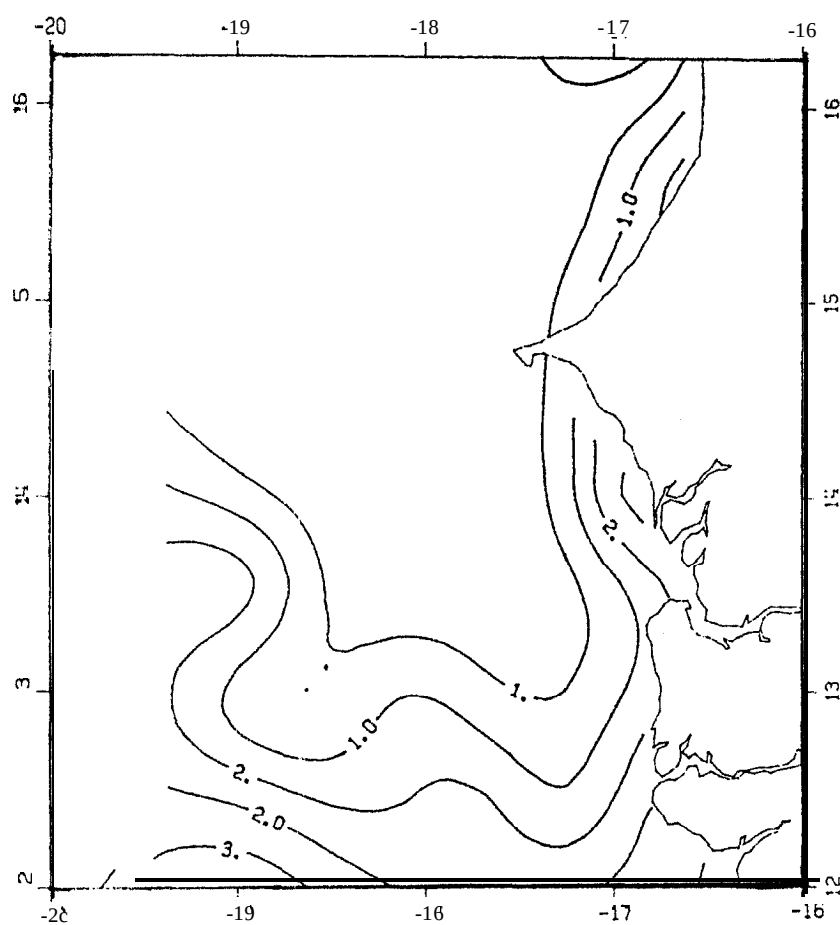
CAMPAGNE 8715 : CARTE DES NITRITES (en $\mu\text{atg/l}$) EN SURFACE



CAMPAGNE 8715 : CARTE DES PHOSPHATES (en $\mu\text{atg/l}$) EN SURFACE



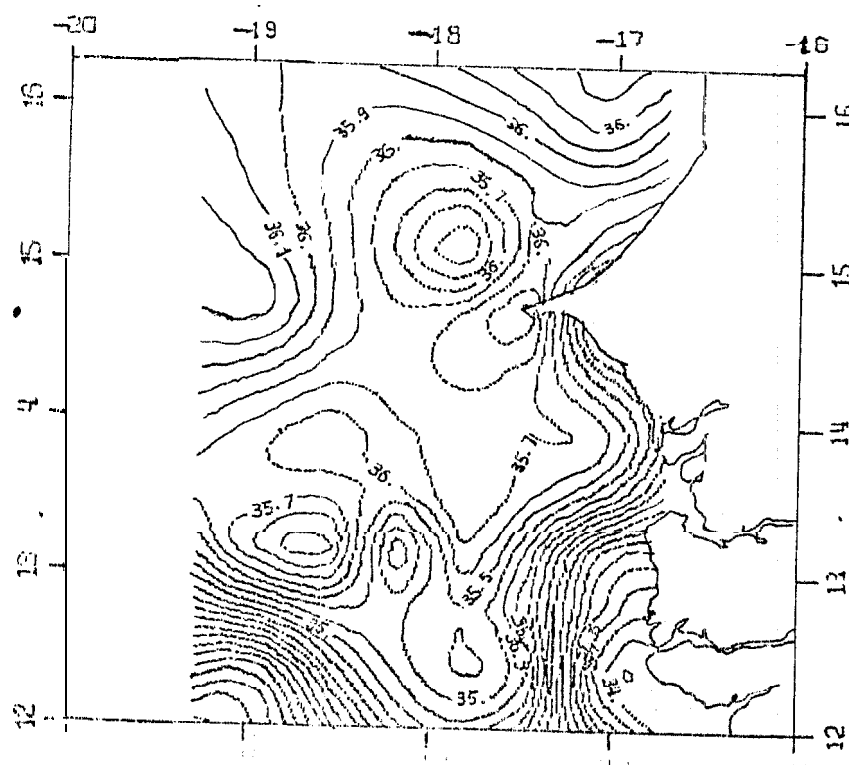
CAMPAGNE 8715 : CARTE DES SILICATES (en $\mu\text{atg/l}$) EN SURFACE



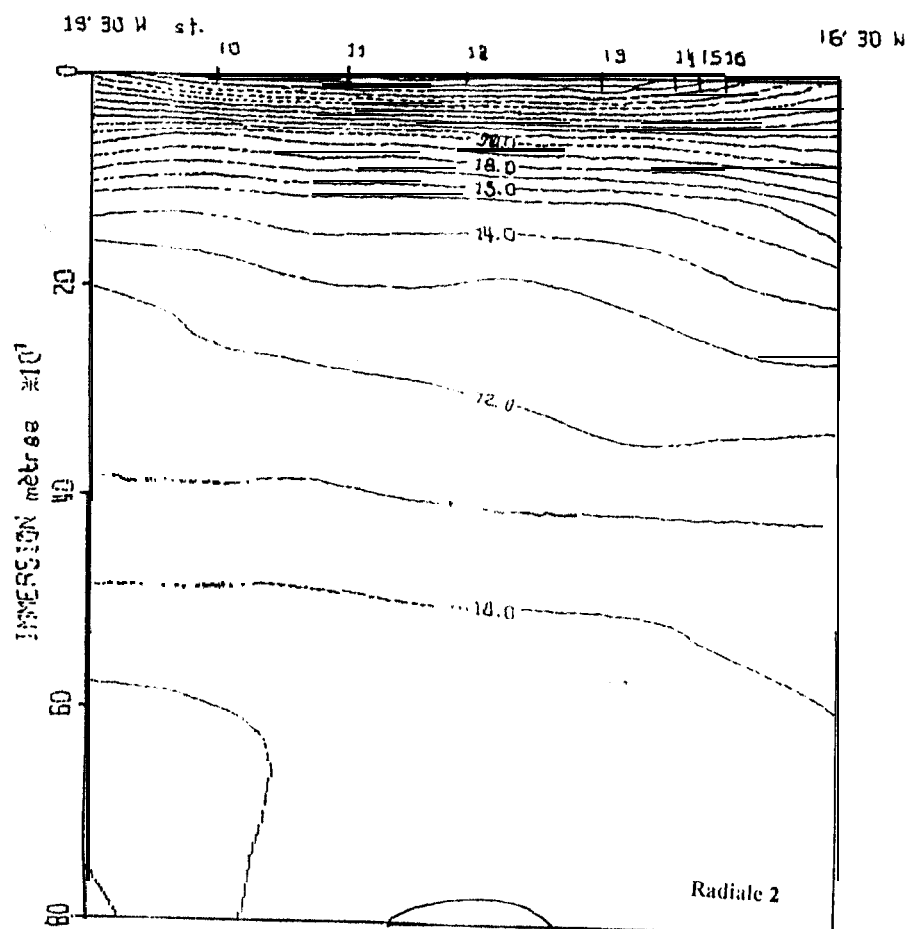
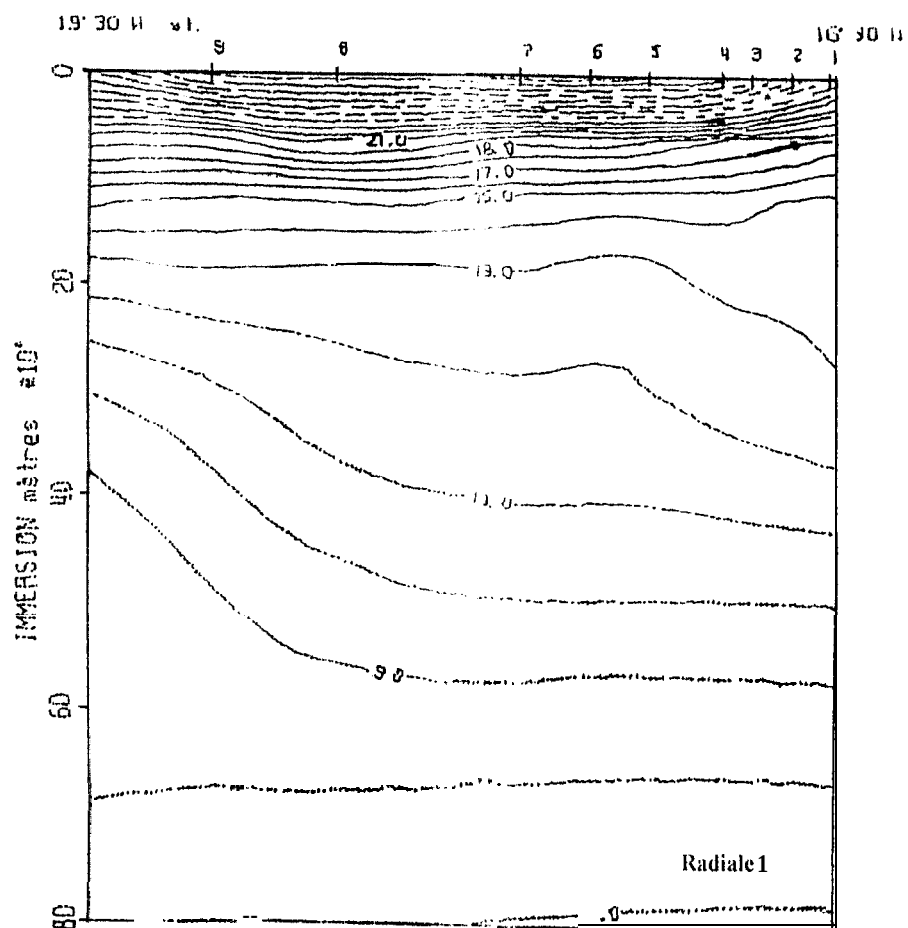
CAMPAGNE 8715 : CARTE DES CHLOROPHYLLES (en $\mu\text{g/l}$) EN SURFACE

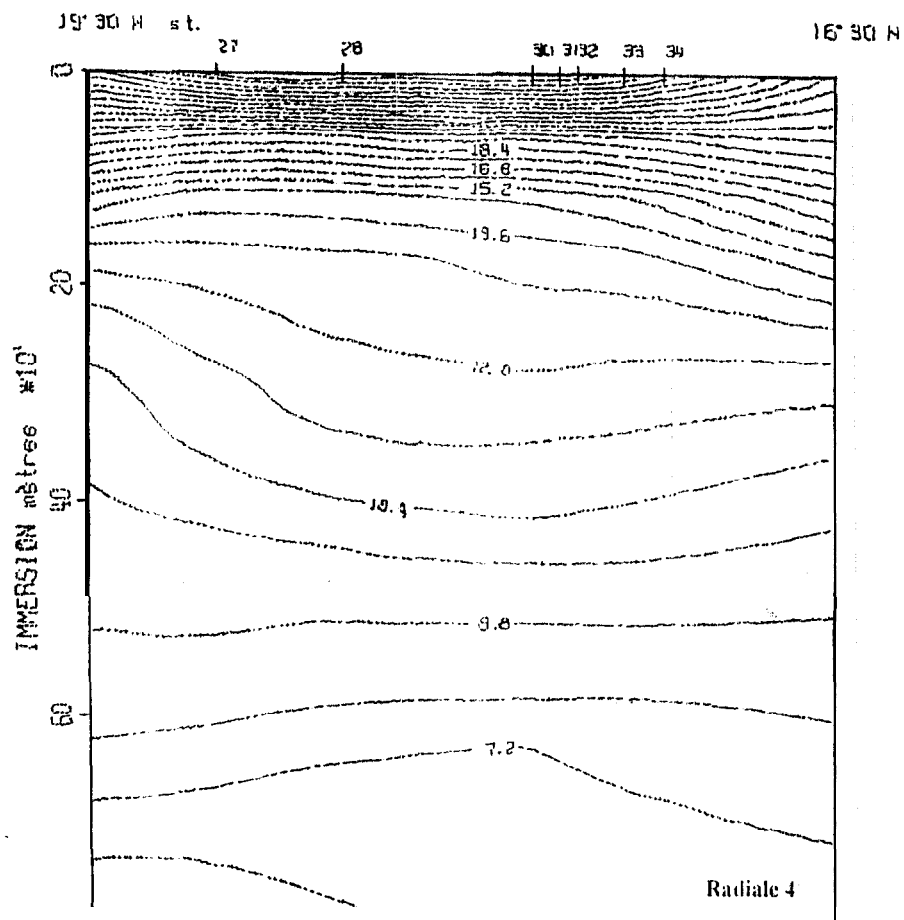
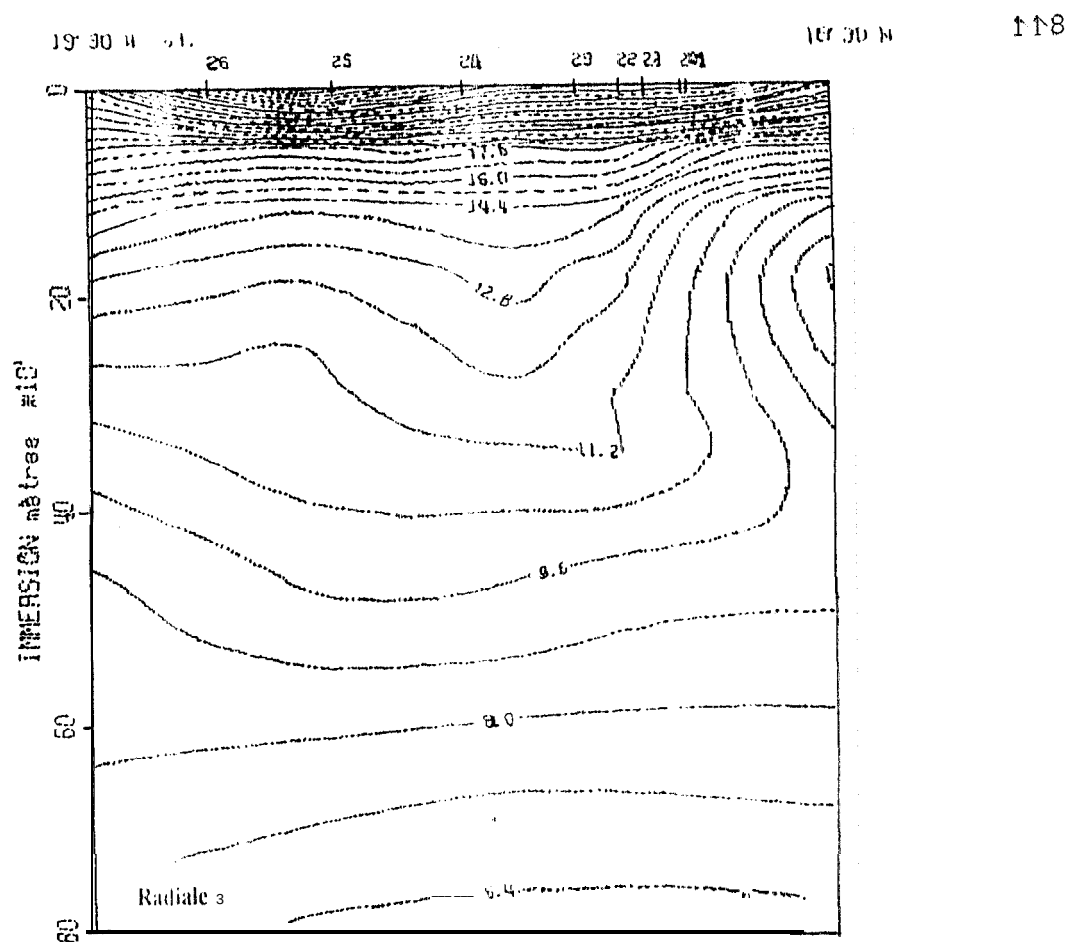


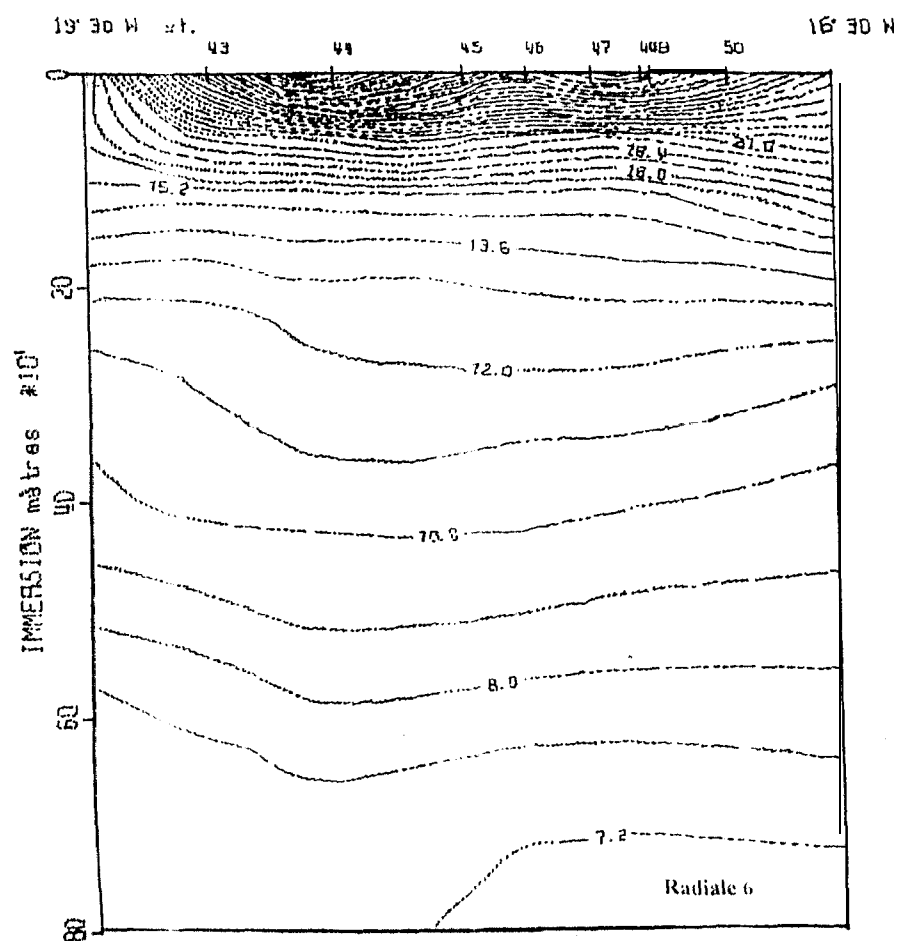
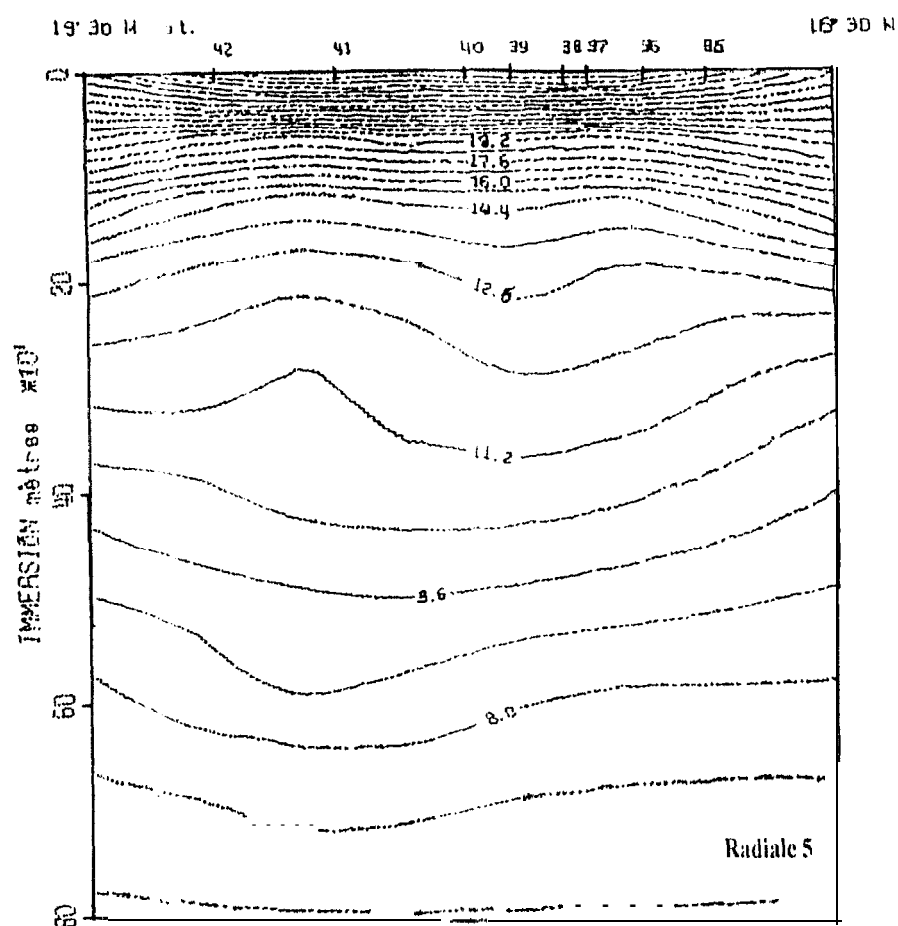
CAMPAGNE 8715 : **CARTE DES PHEOPIGMENTAS** (en $\mu\text{g/l}$) EN SURFACE



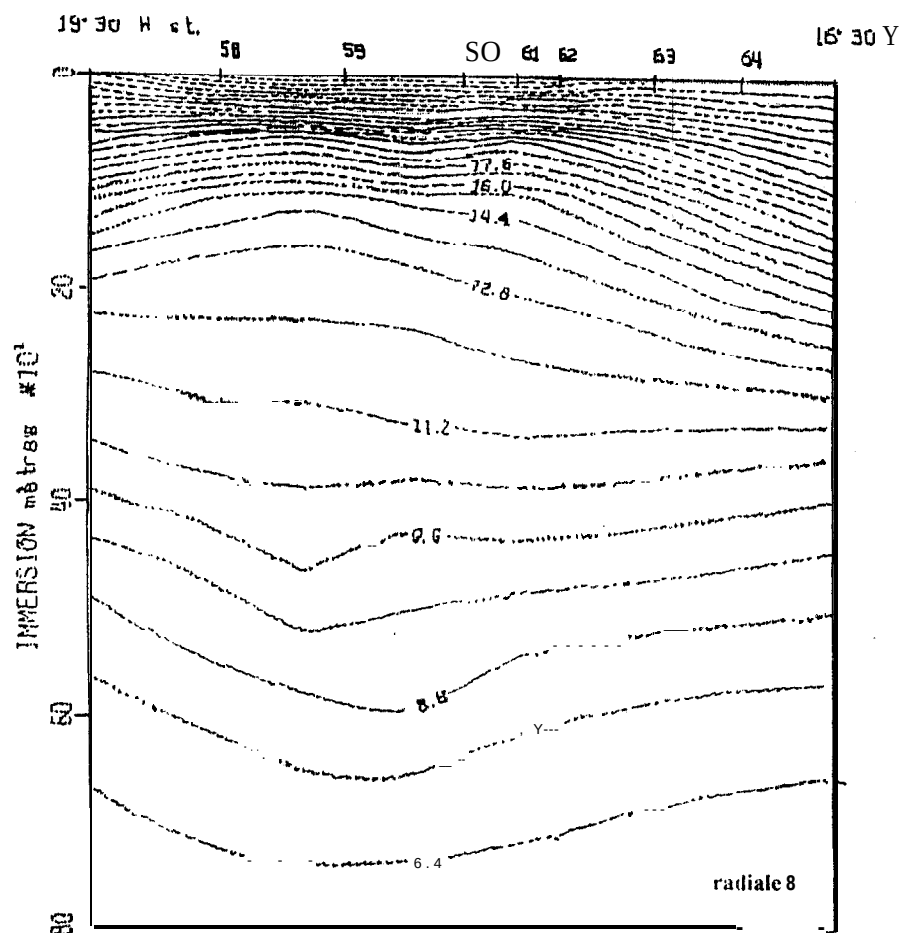
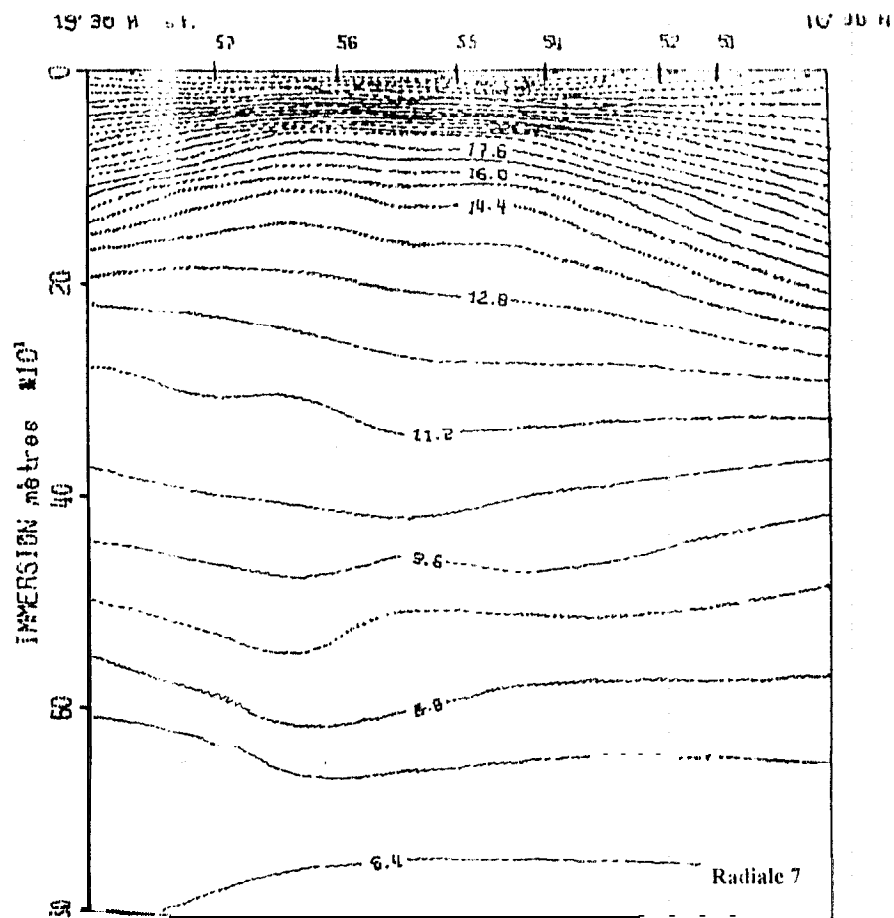
CAMPAGNE 8715 : **CARTE DES SALINITES** (‰) EN SURFACE



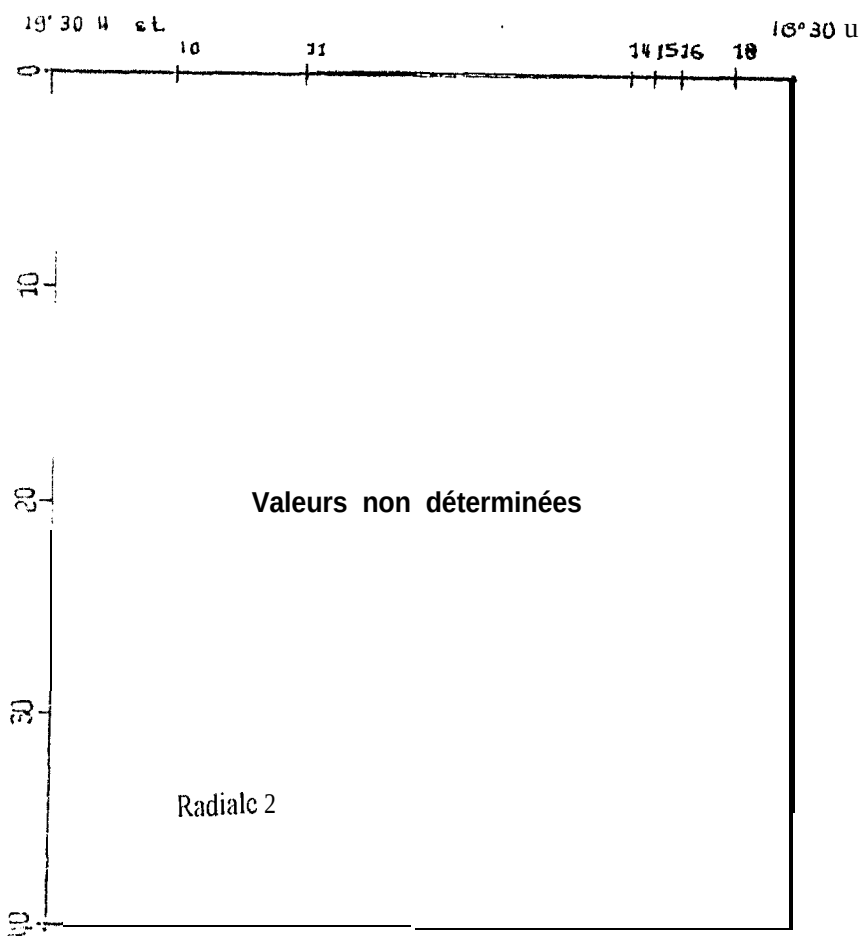
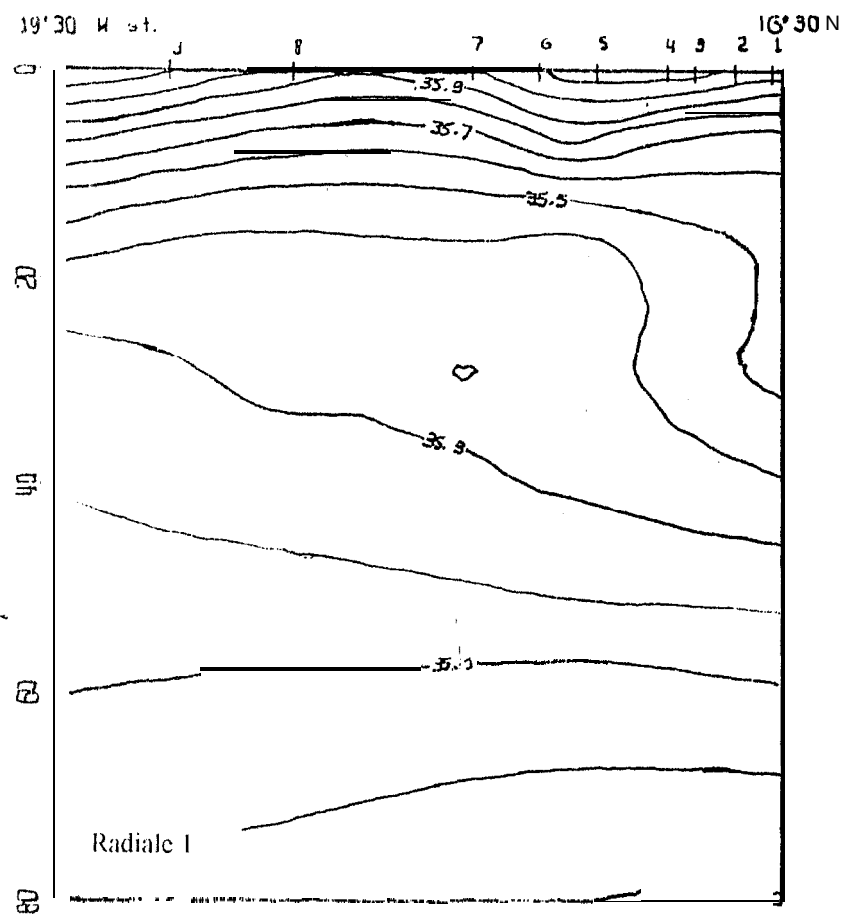


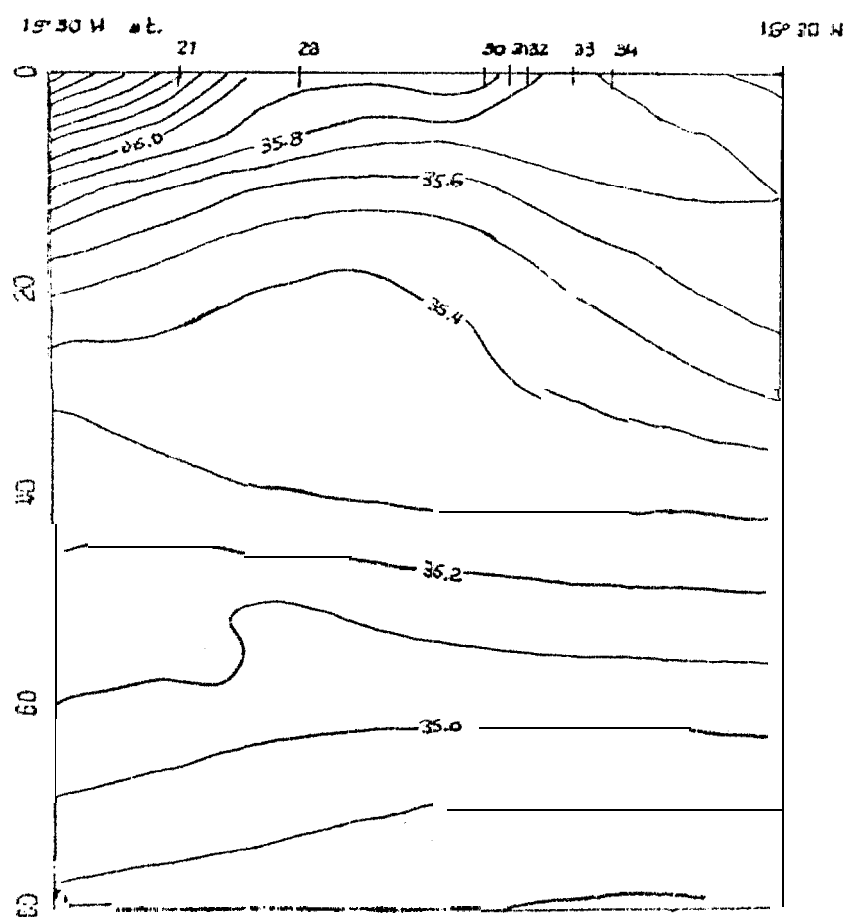
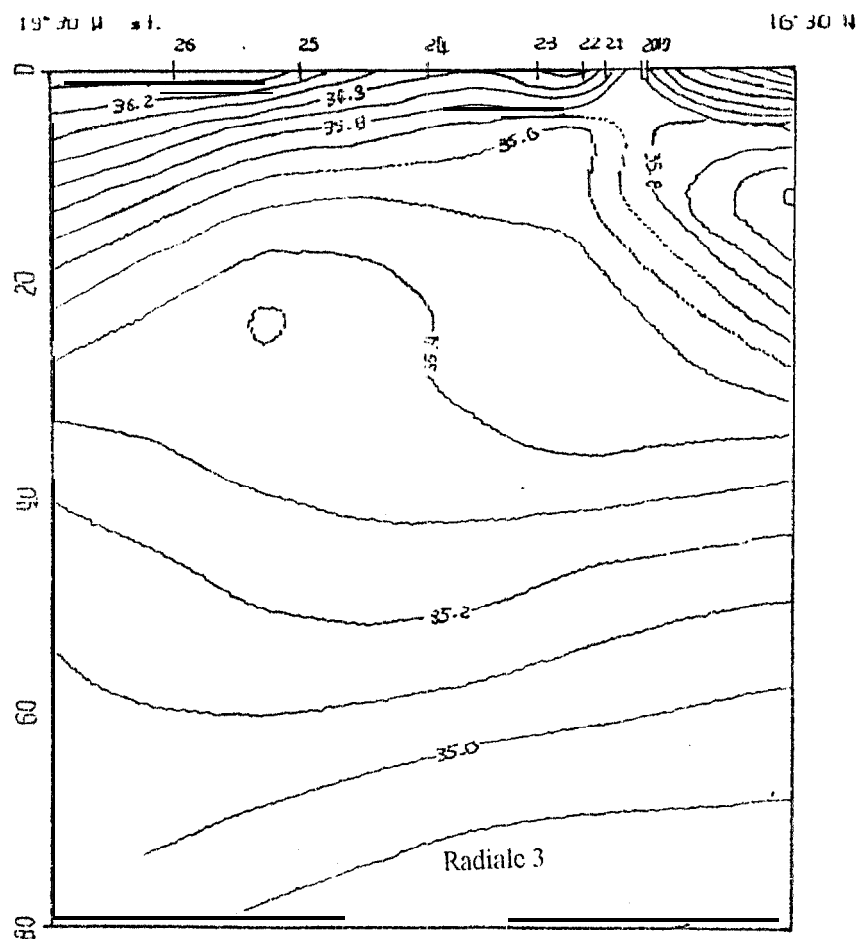


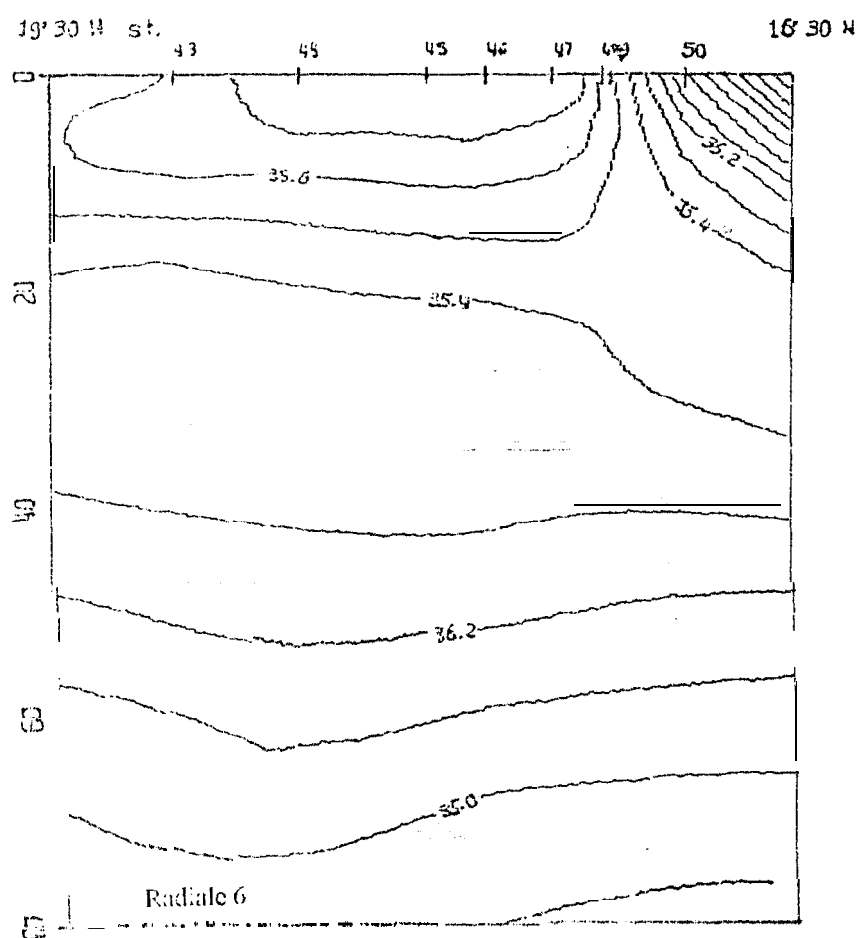
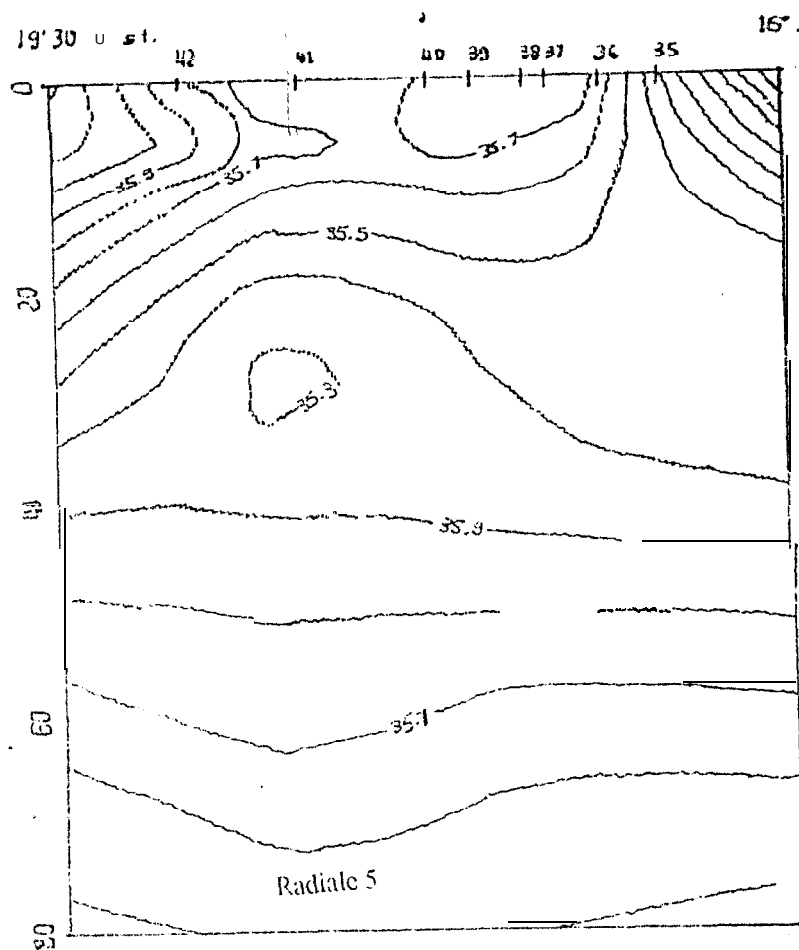
CAMPAGNE 8715 : VARIATION DES TEMPERATURES (en °C) EN FONCTION DE LA PROFONDEUR

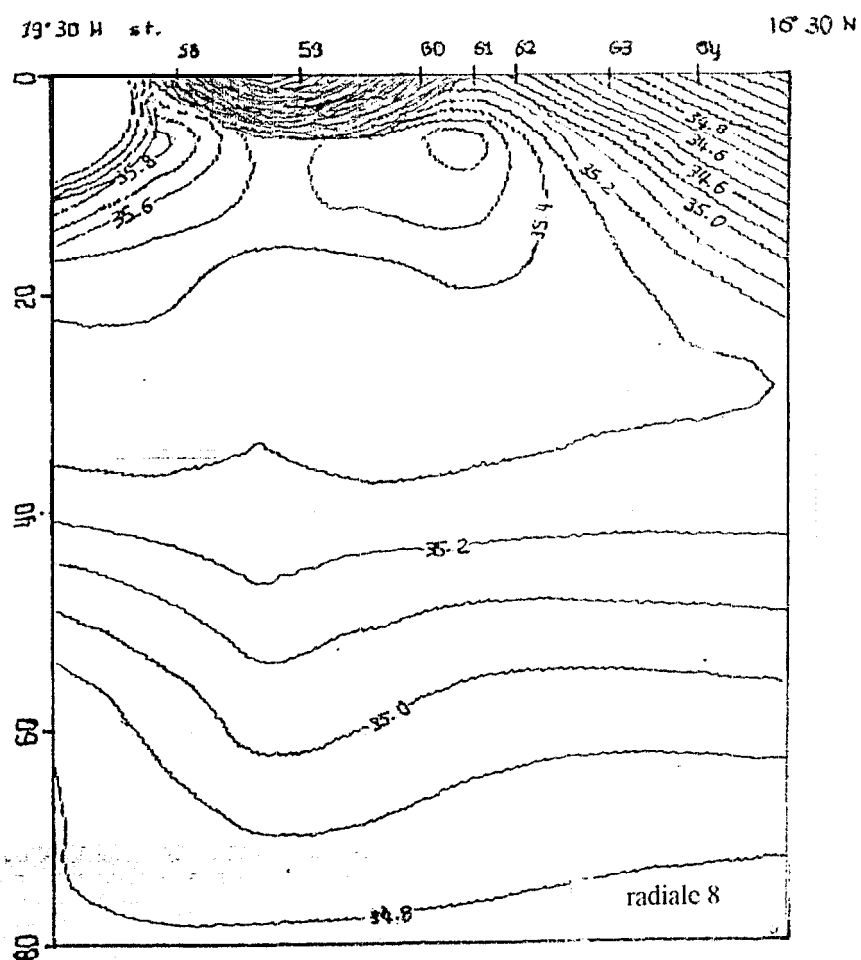
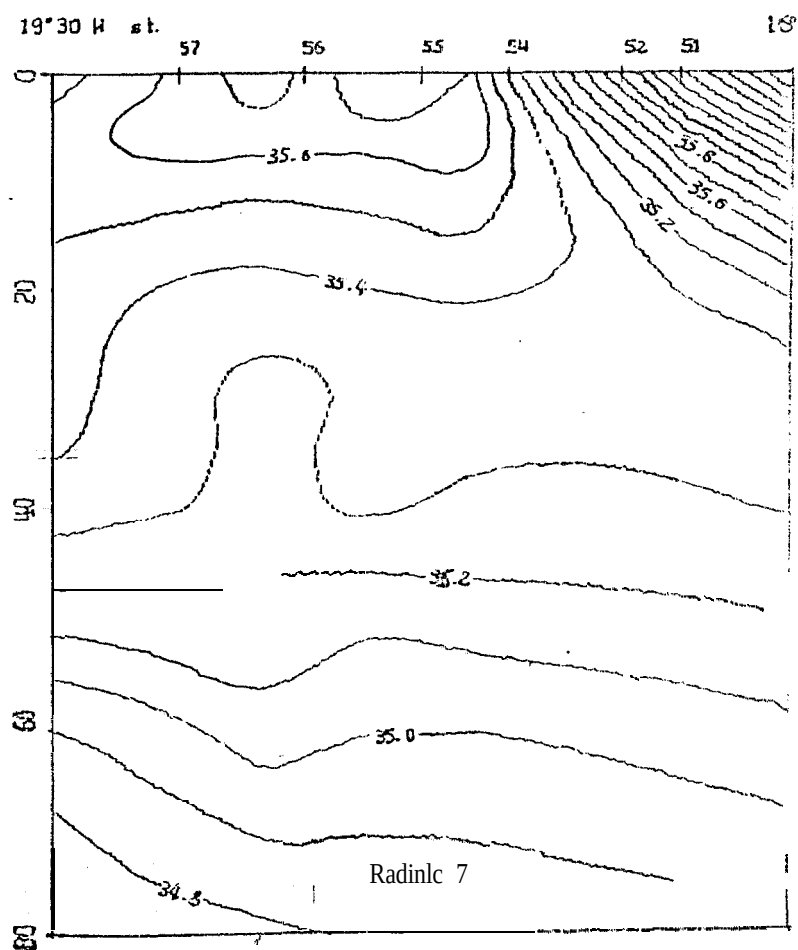


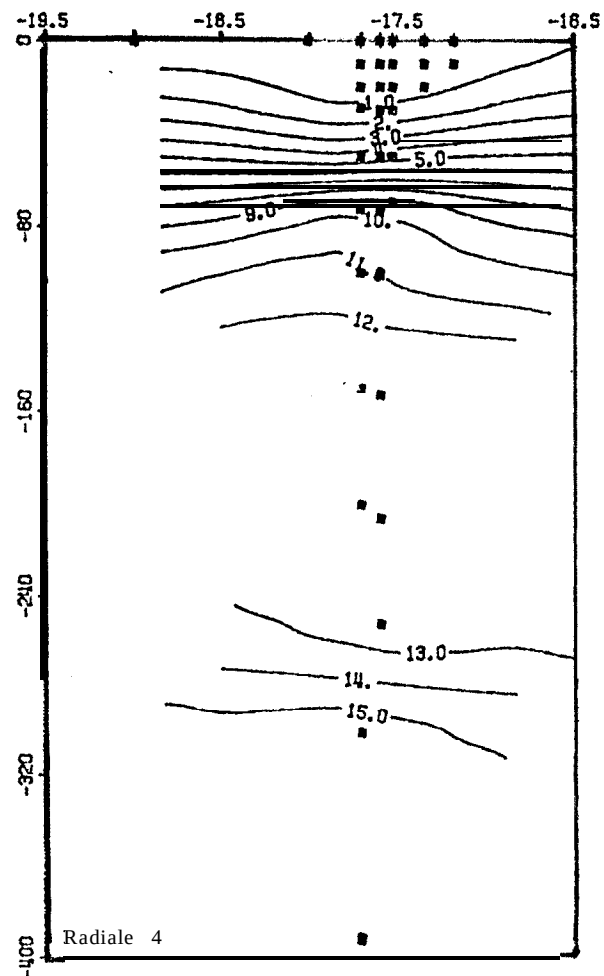
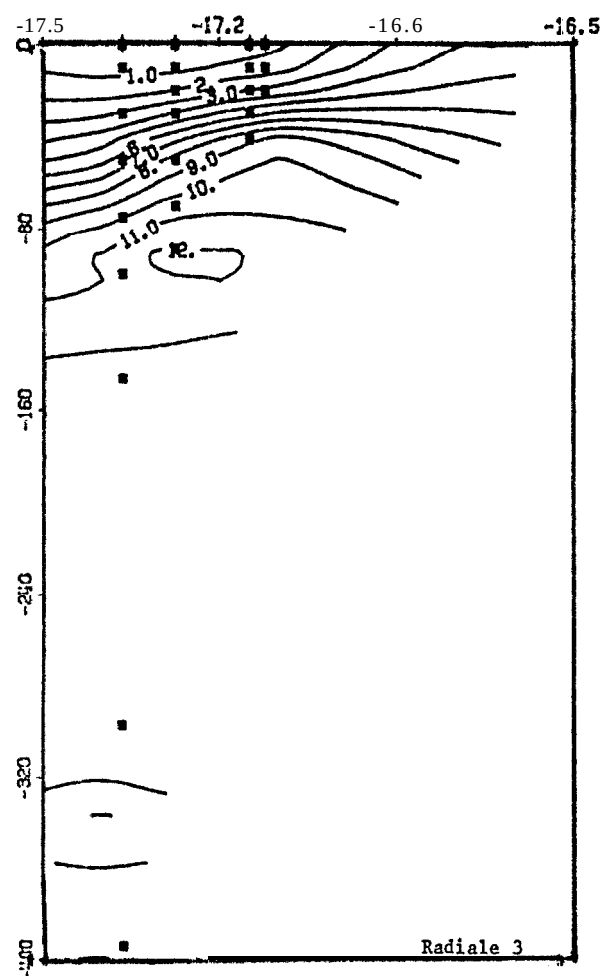
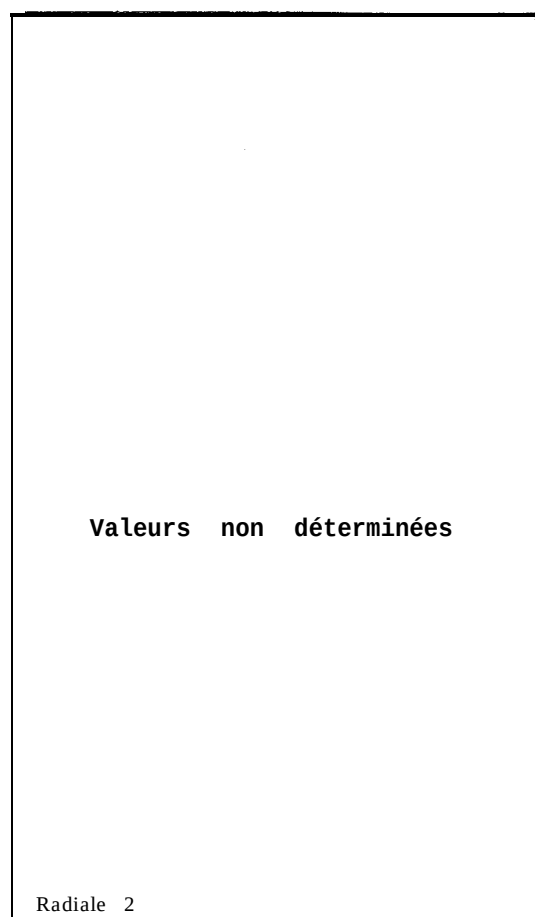
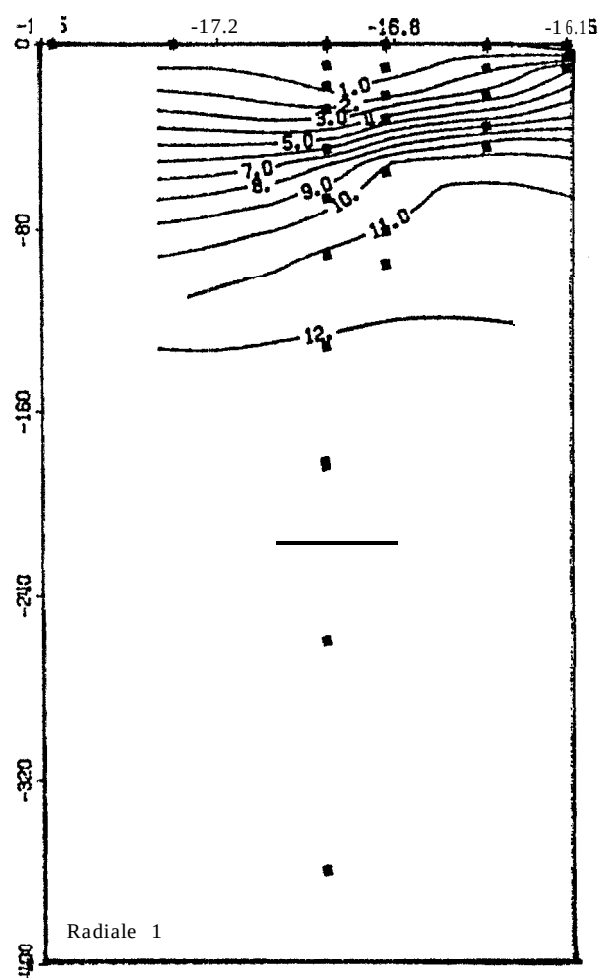
CAMPAGNE 8715 : VARIATION DES TEMPERATURES (en °C) EN FONCTION DE LA PROFONDEUR

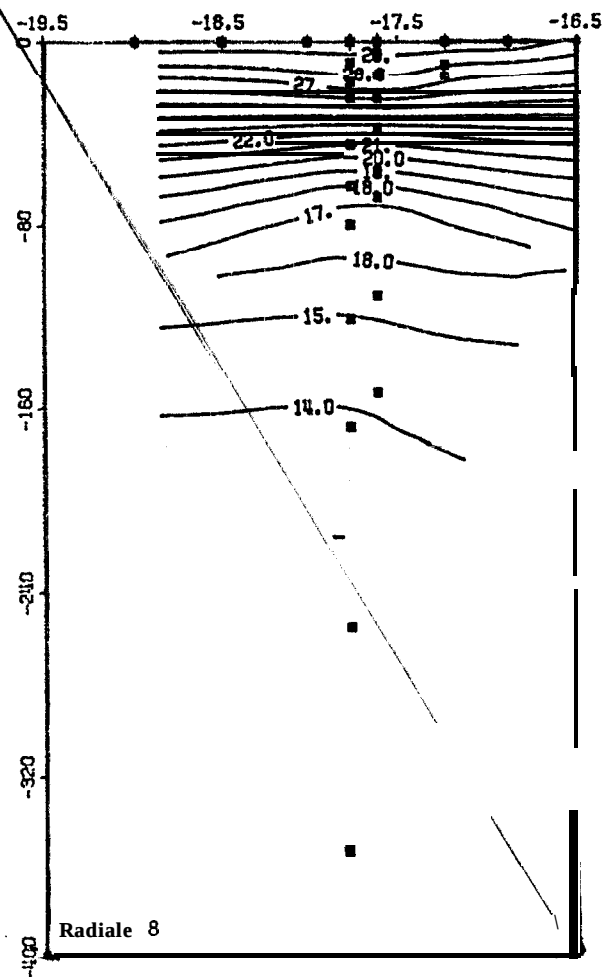
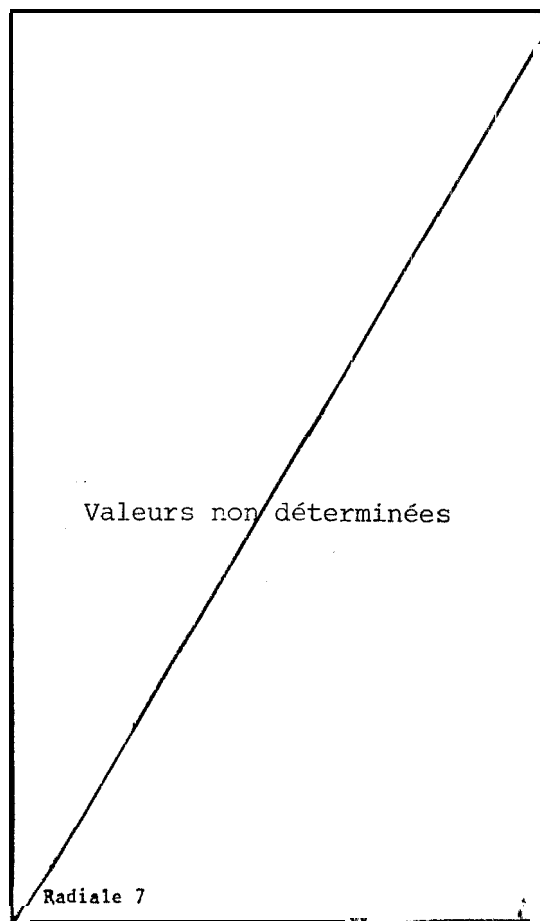
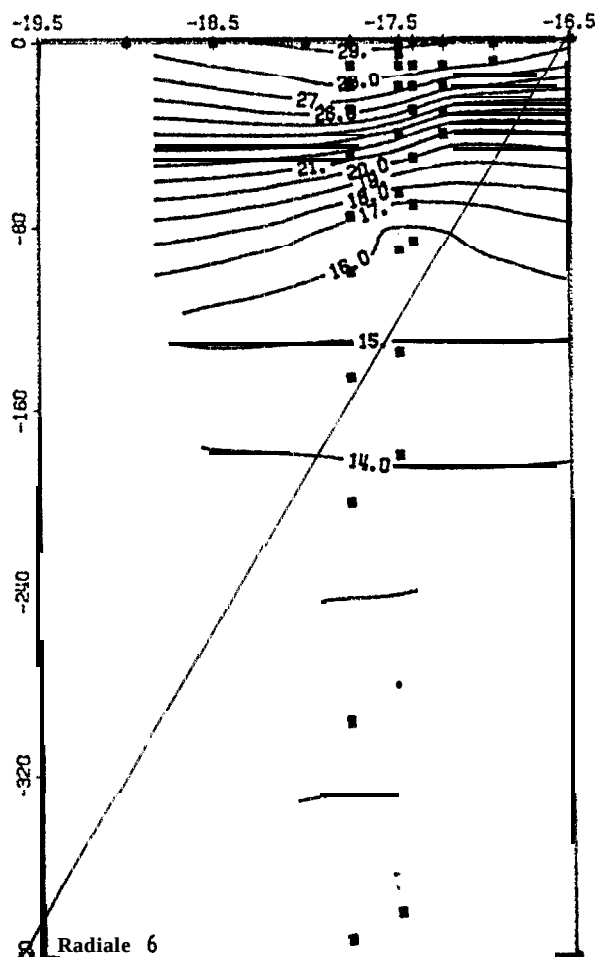
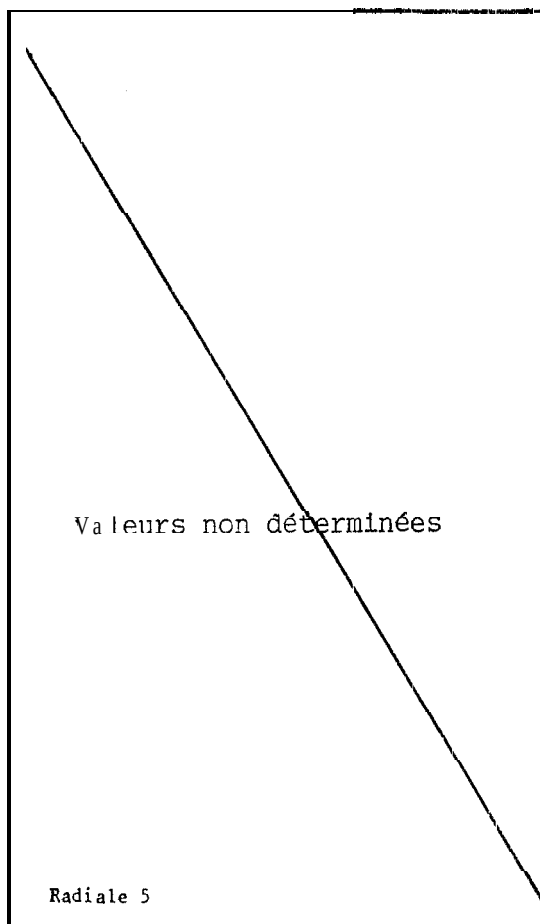




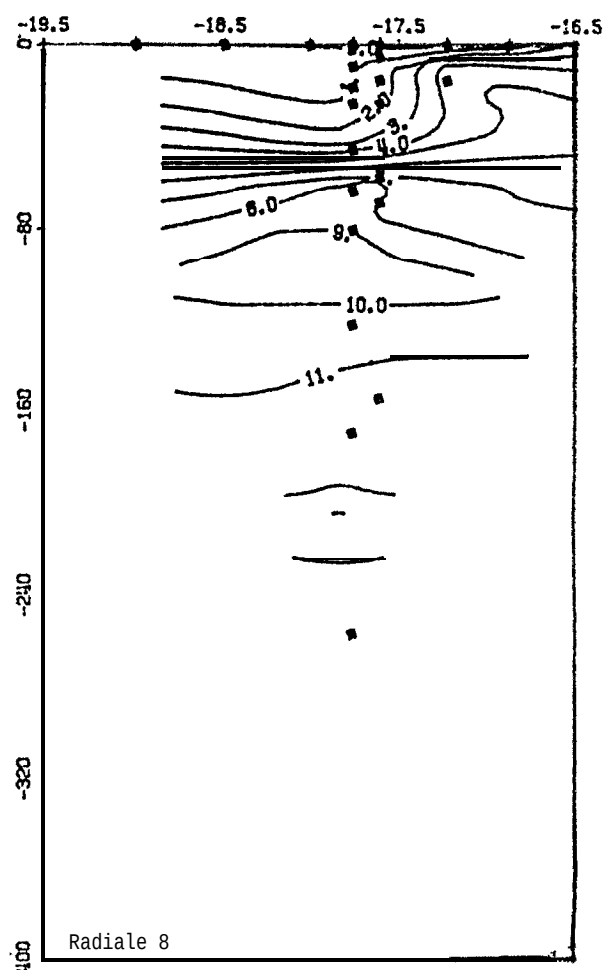
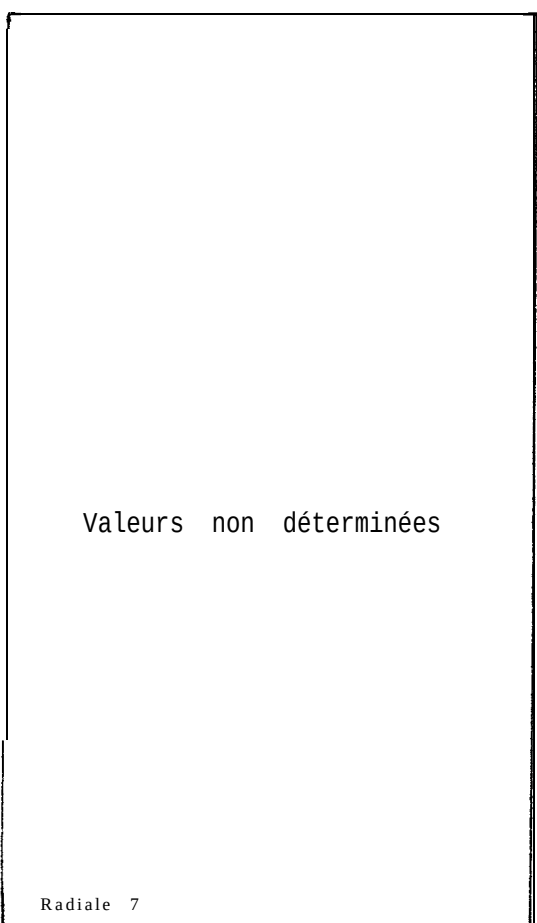
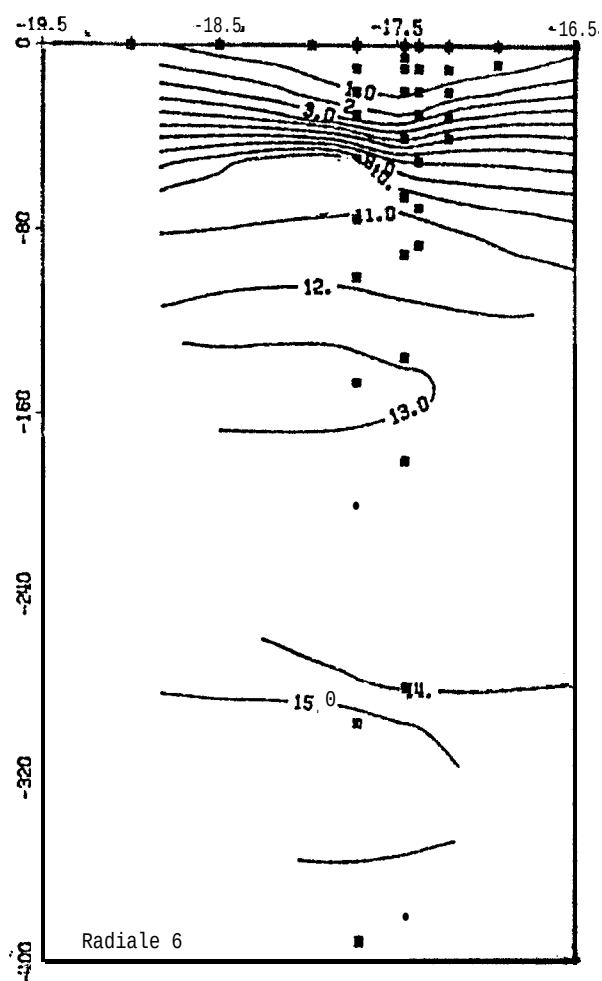
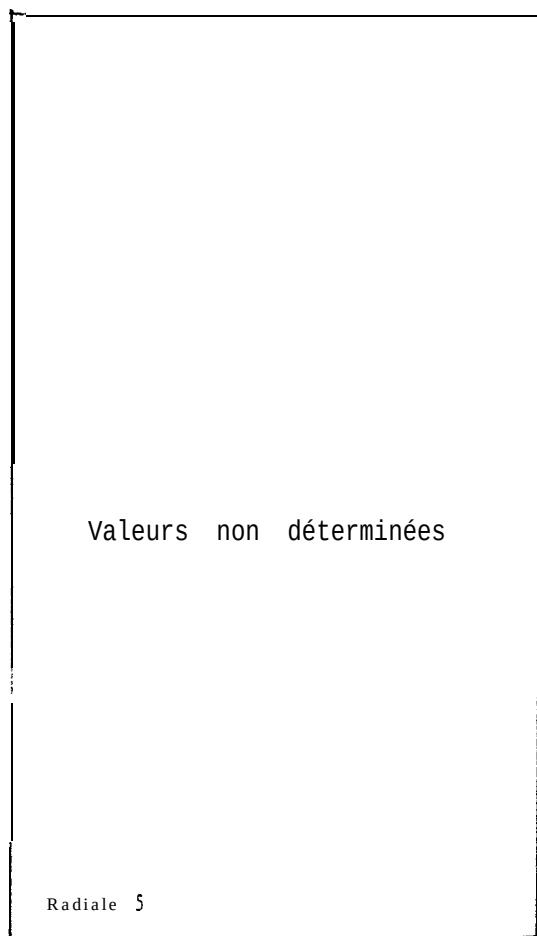


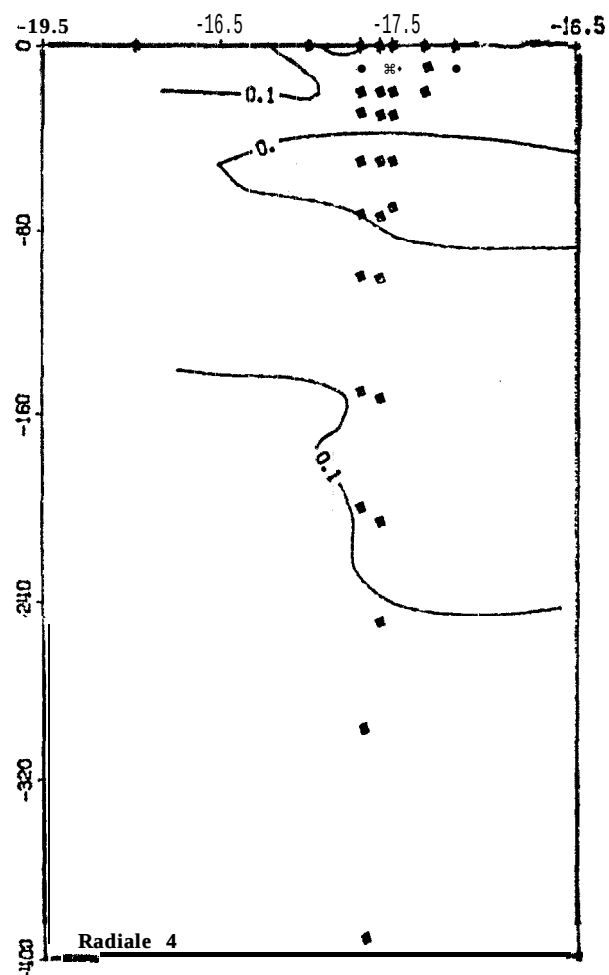
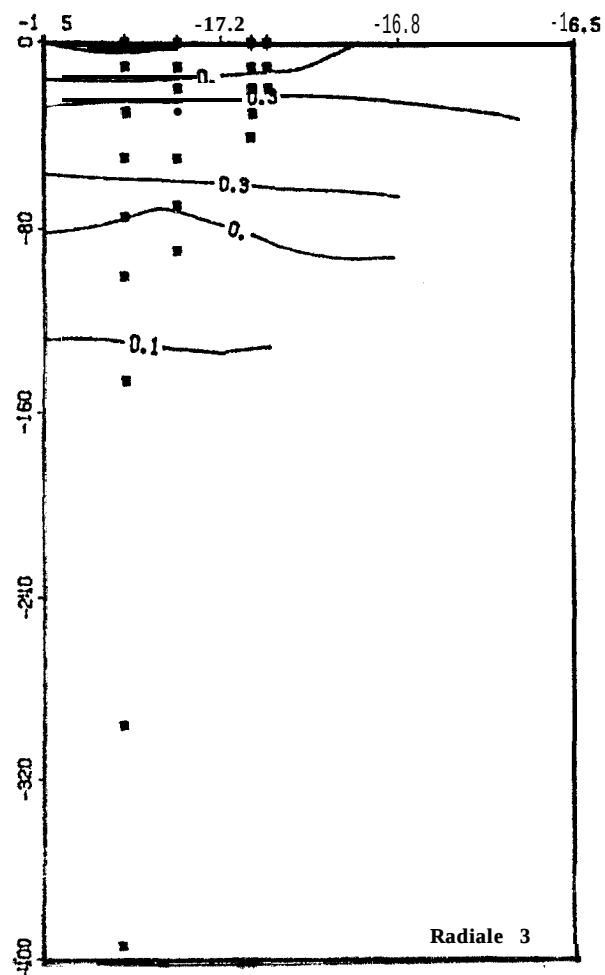
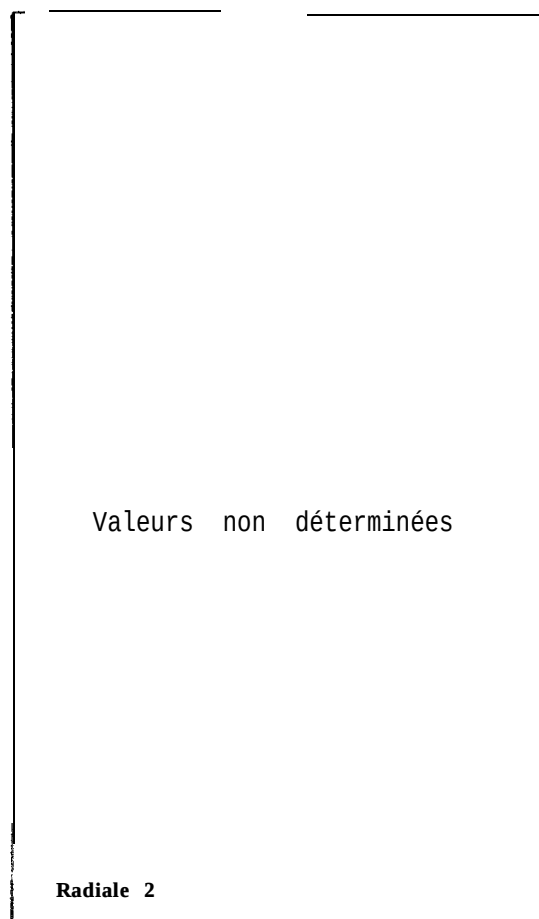
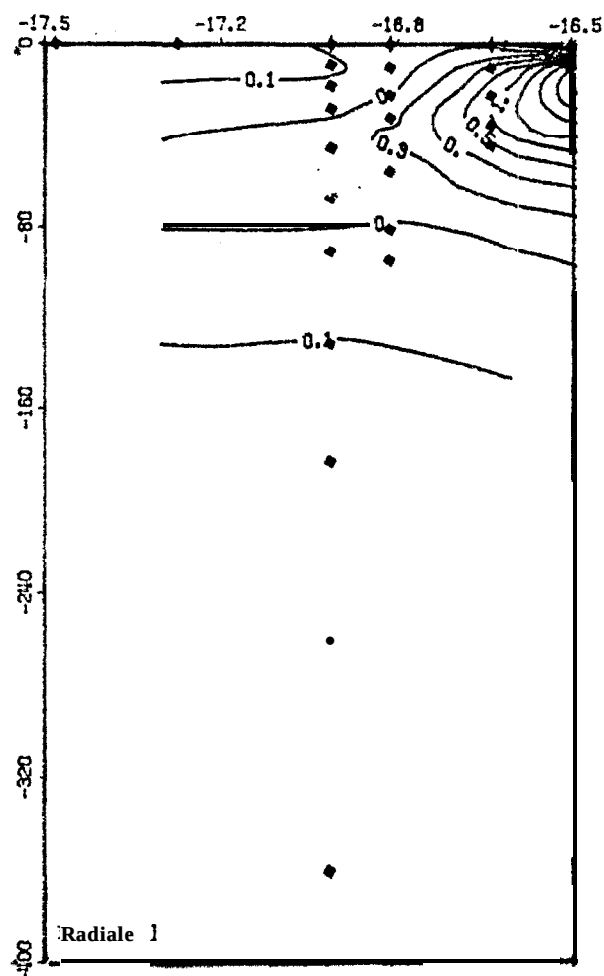






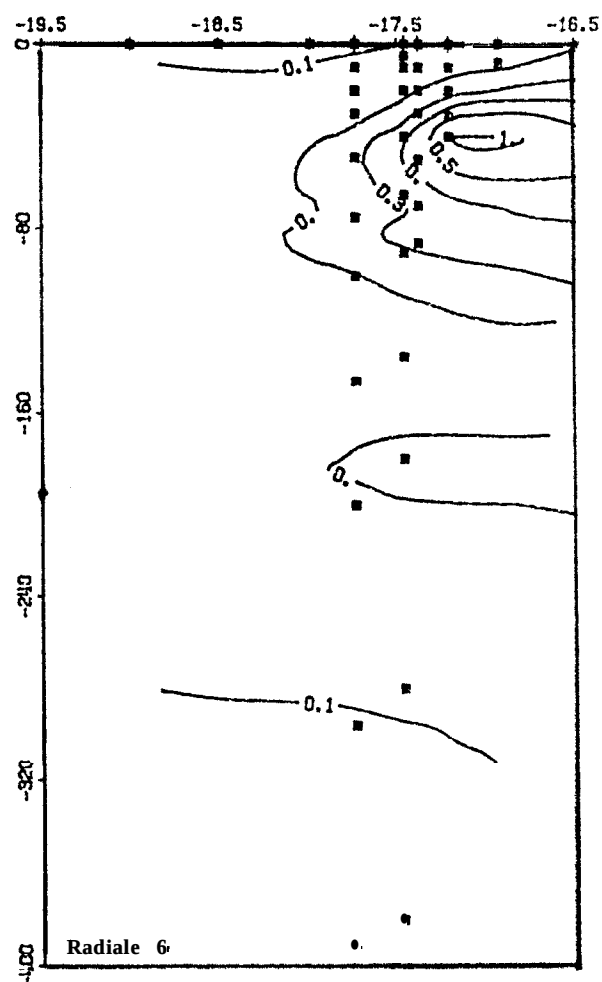
CAMPAGNE 8715: TEMPERATURES (°C) PRISES AU THERMOMETRE





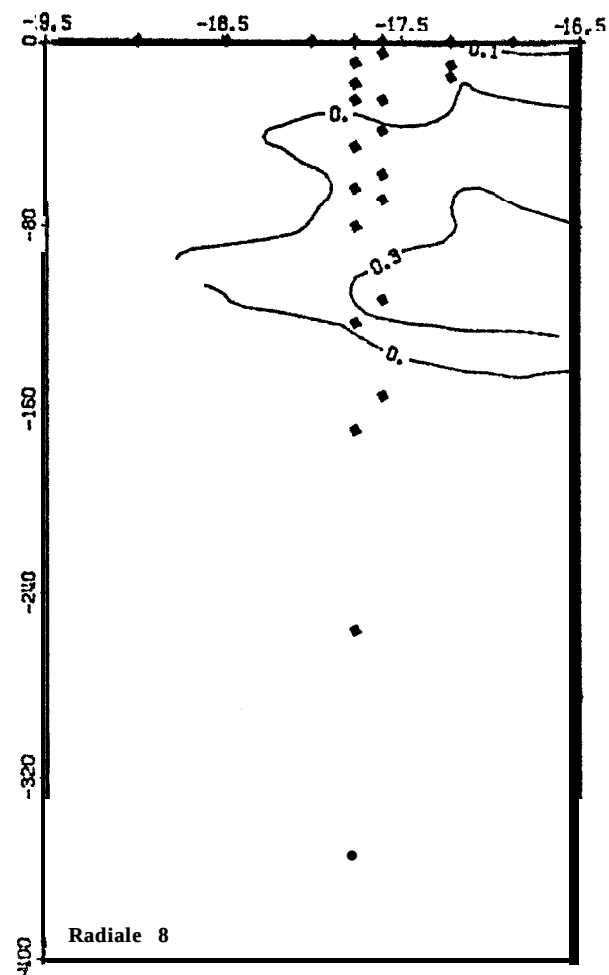
Valeurs non déterminées

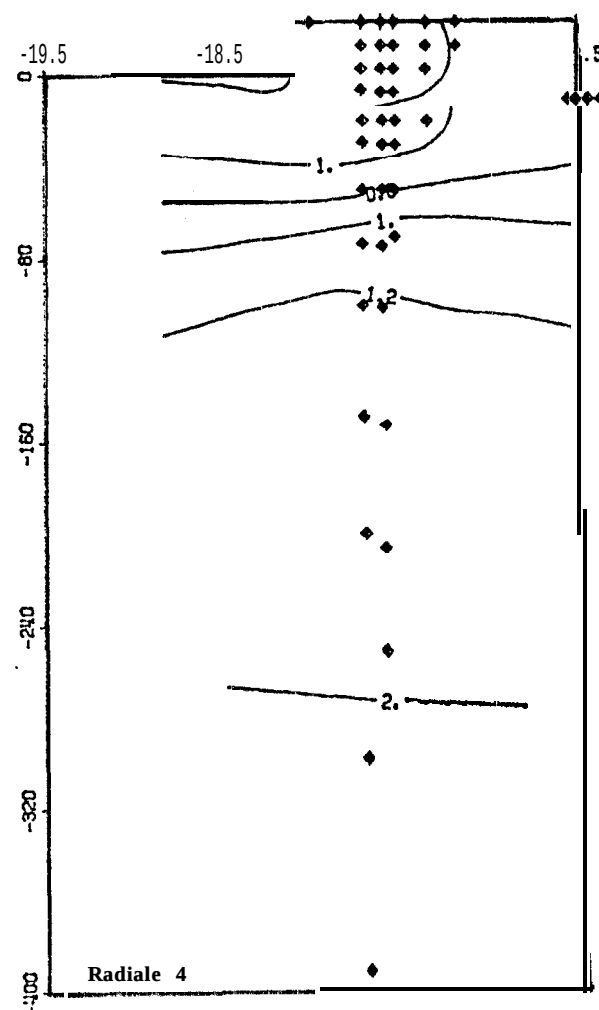
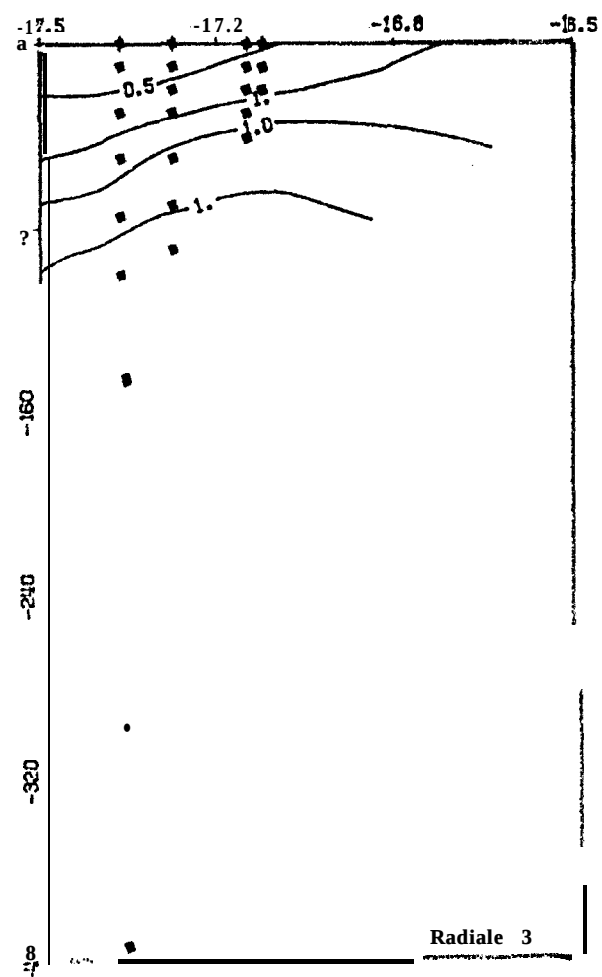
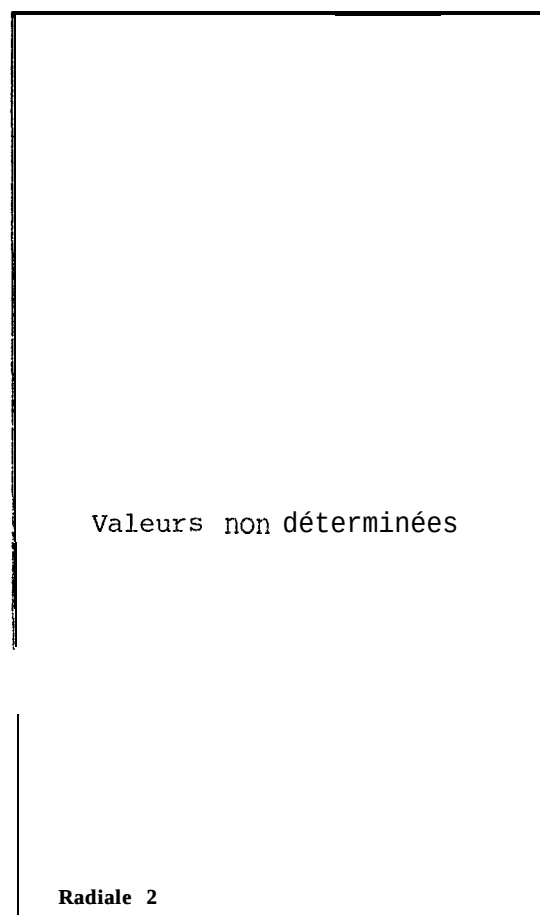
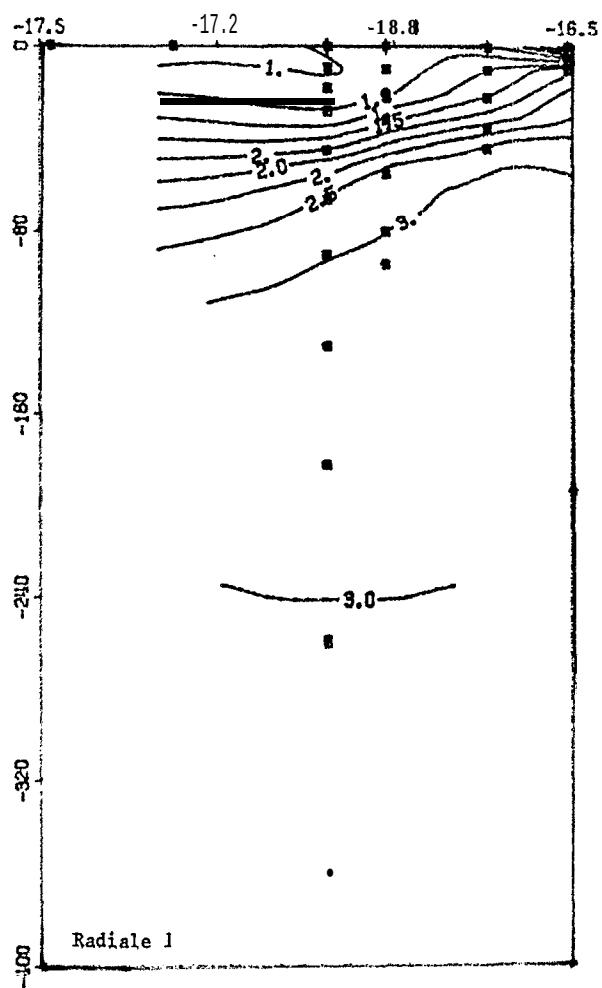
Radiale 5

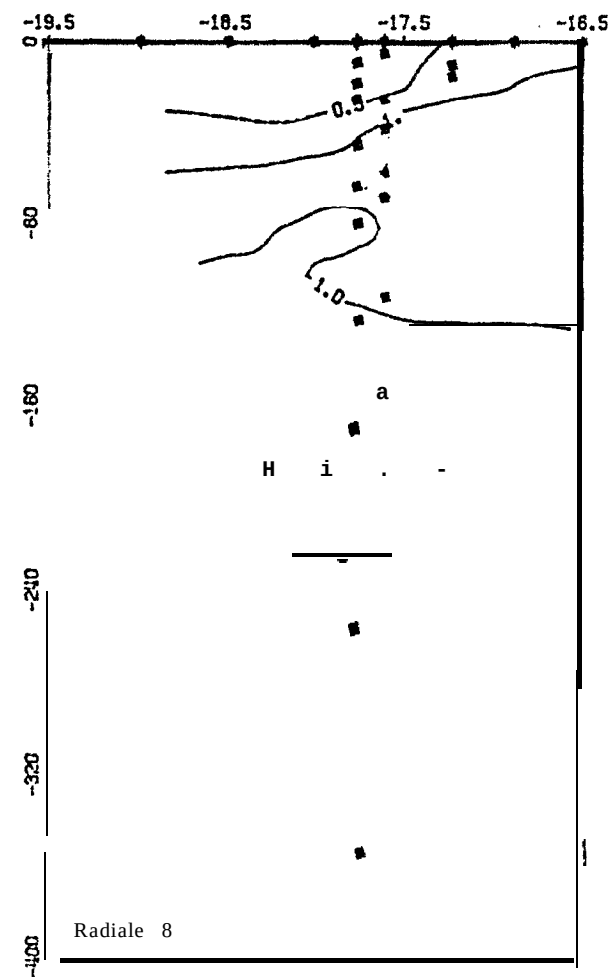
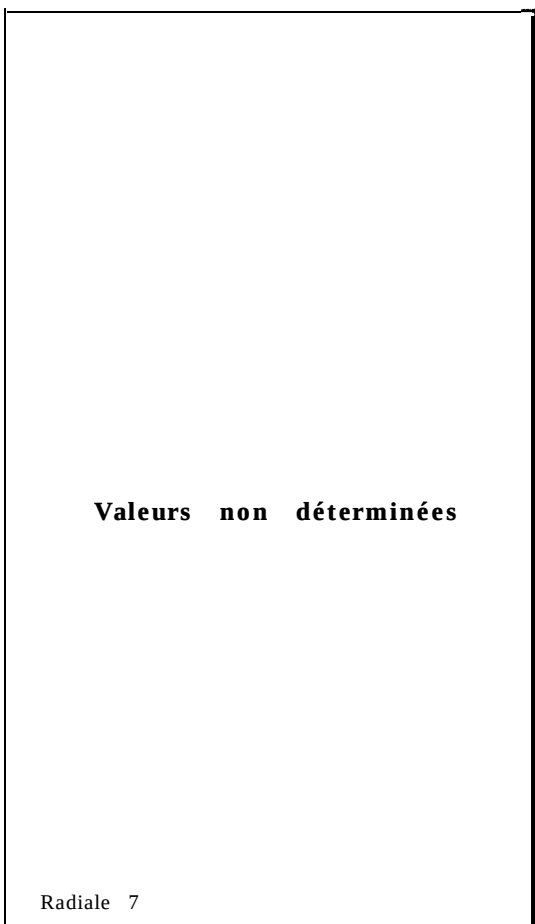
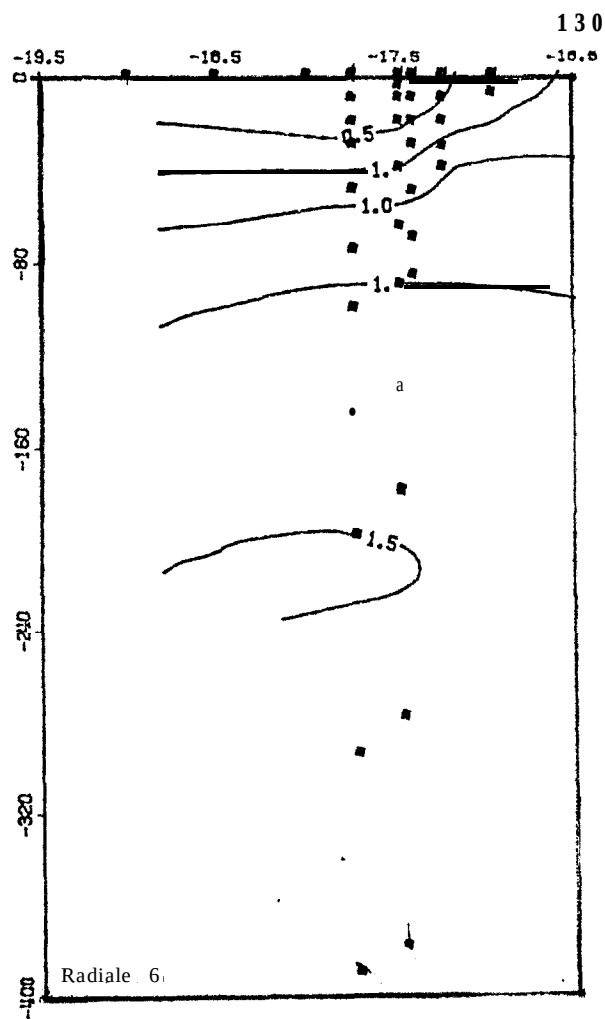
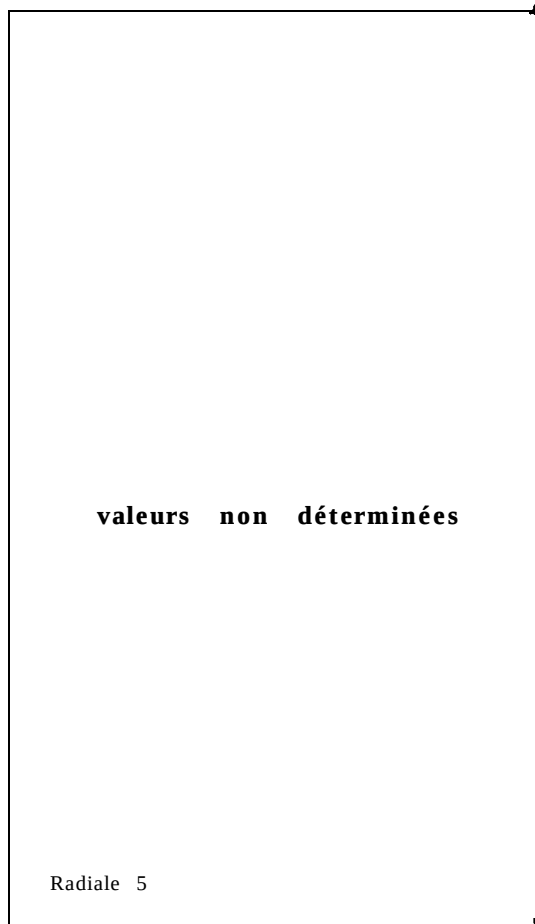


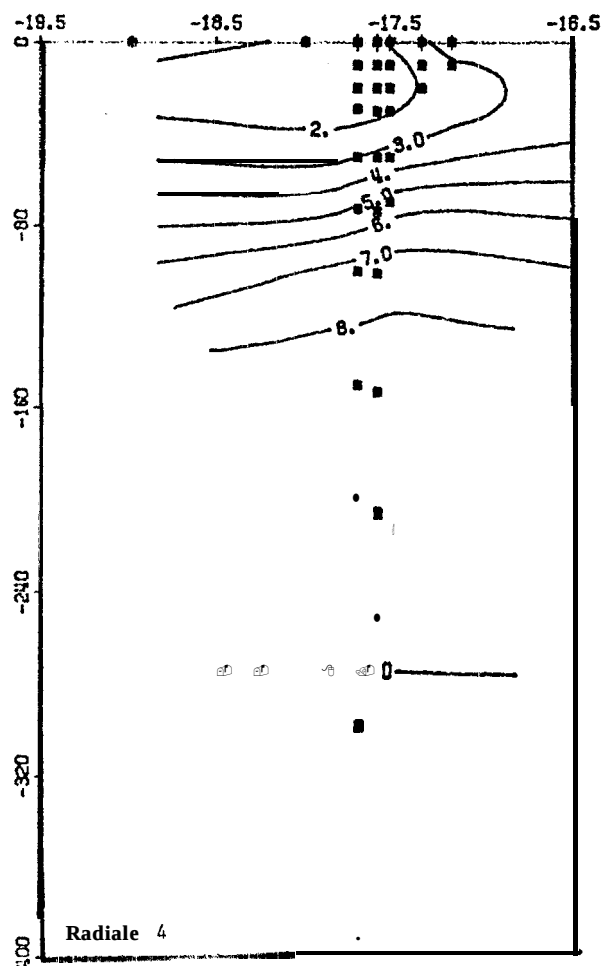
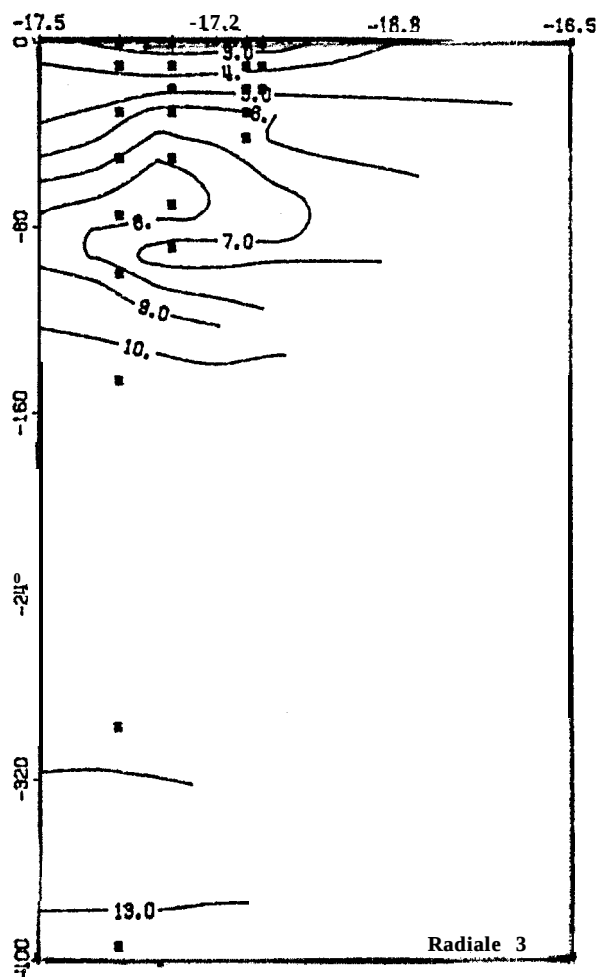
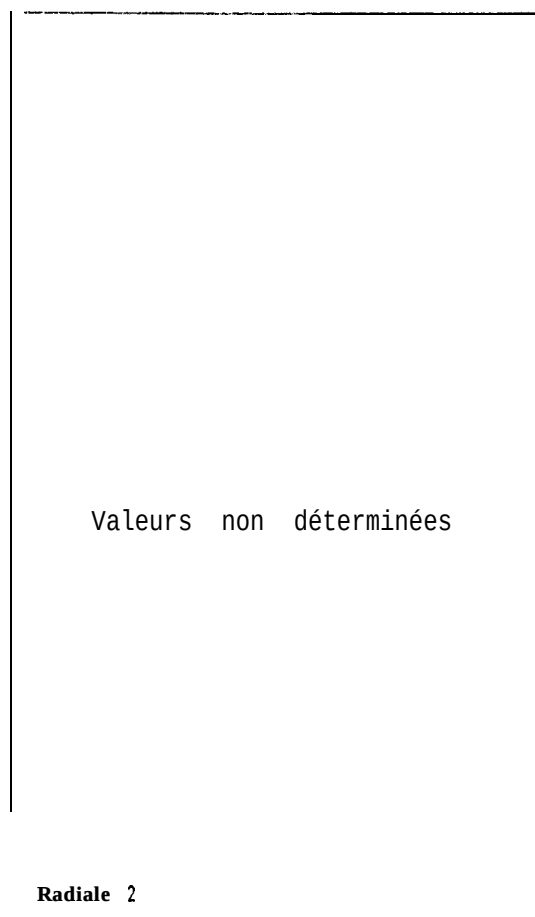
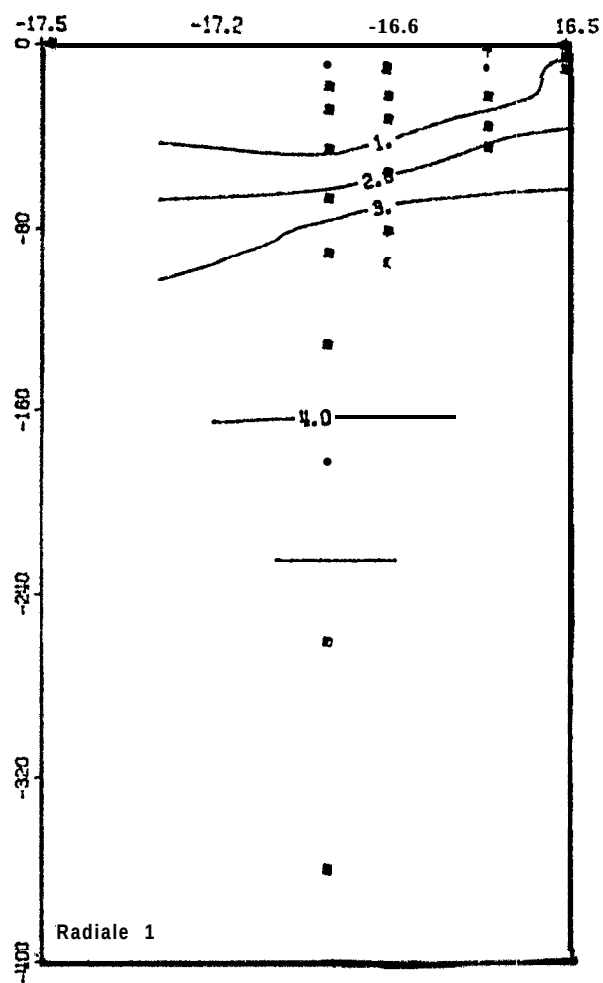
Valeurs non déterminées

Radiale 7



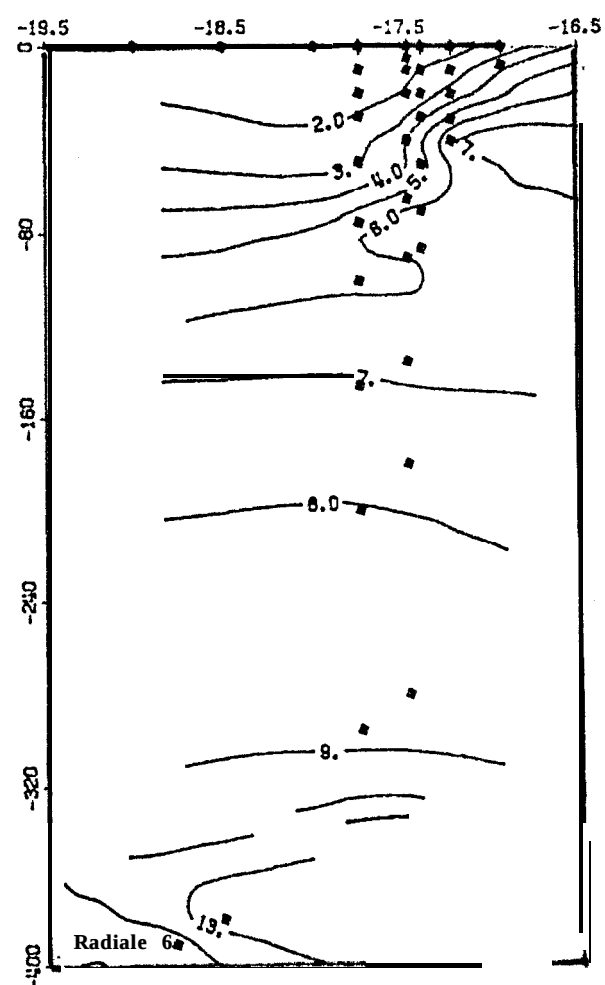






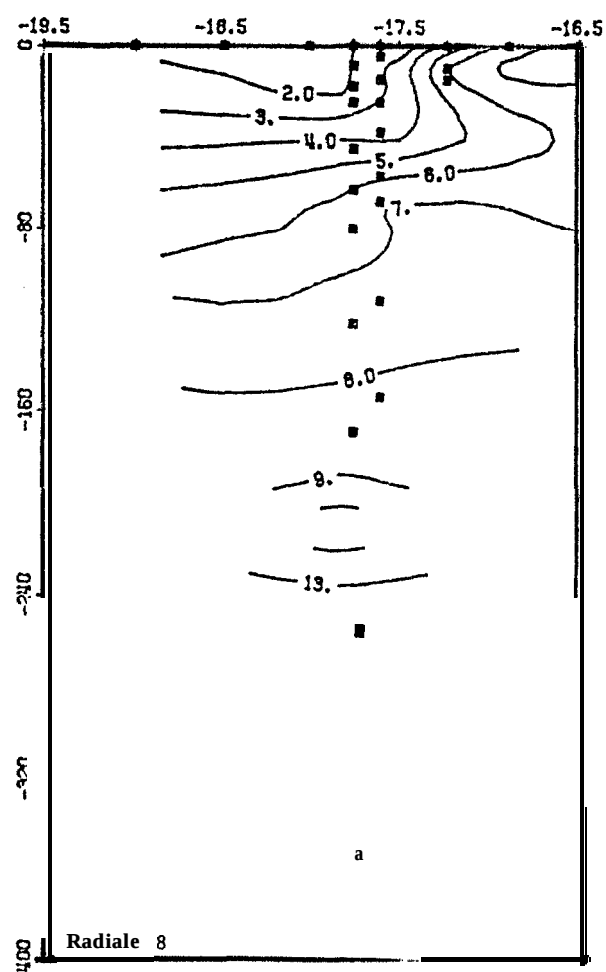
Valeurs non déterminées

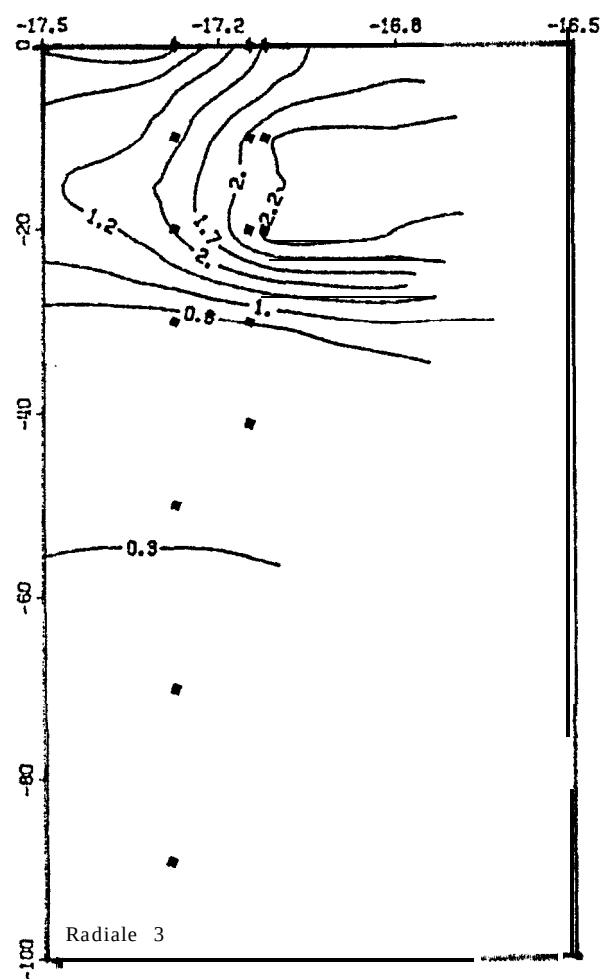
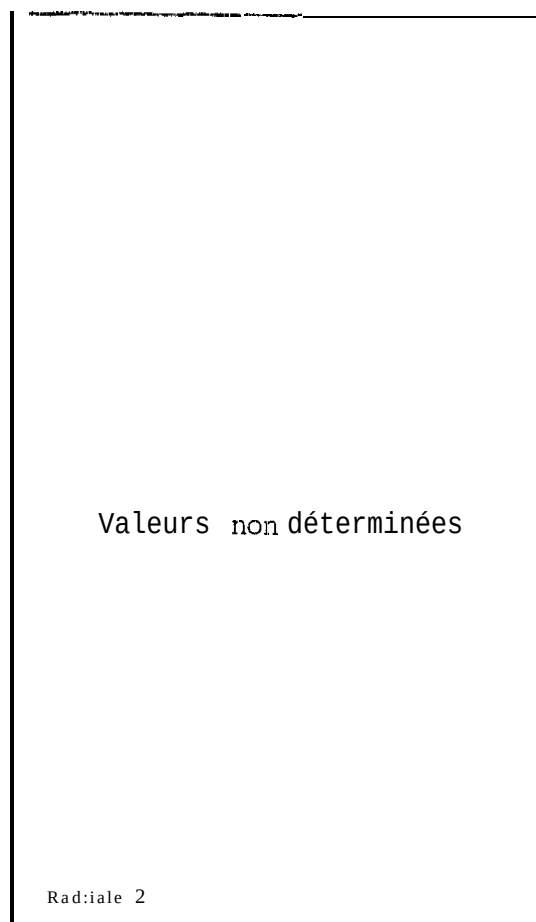
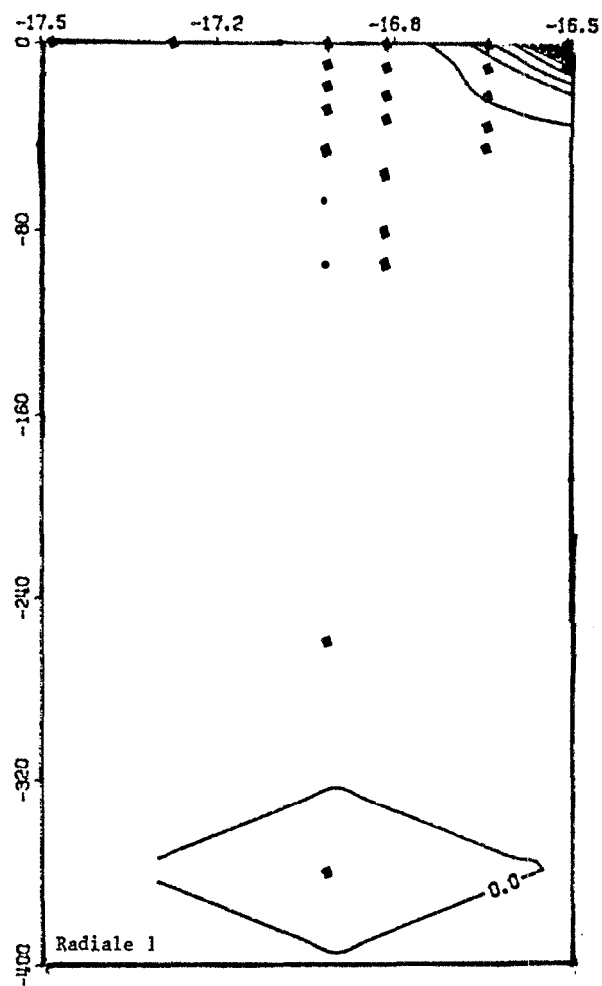
Radiale 5

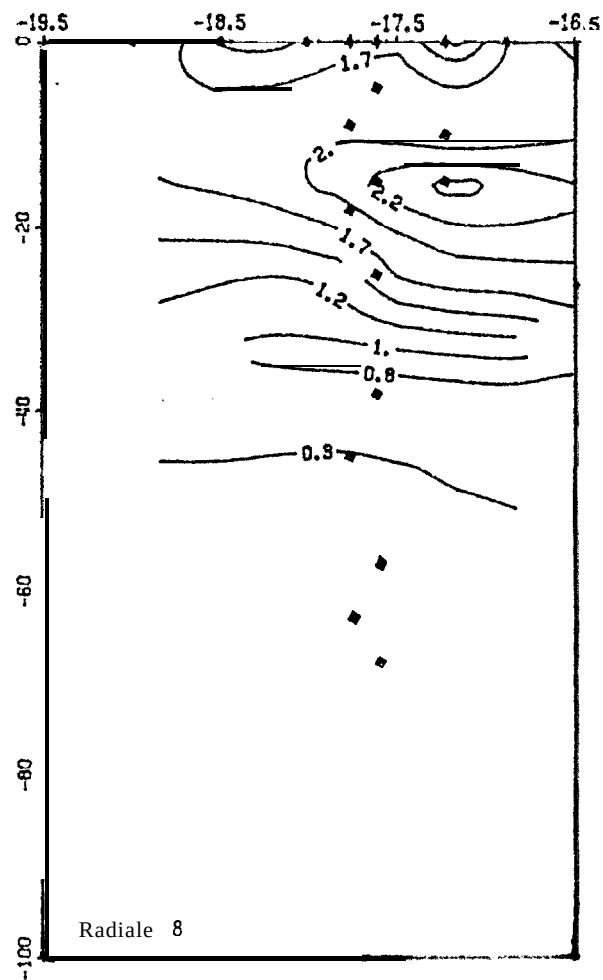
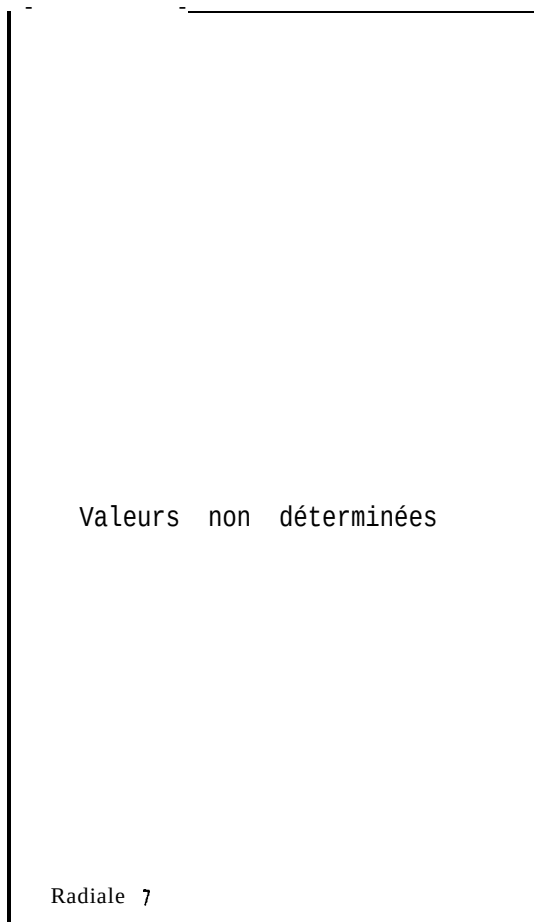
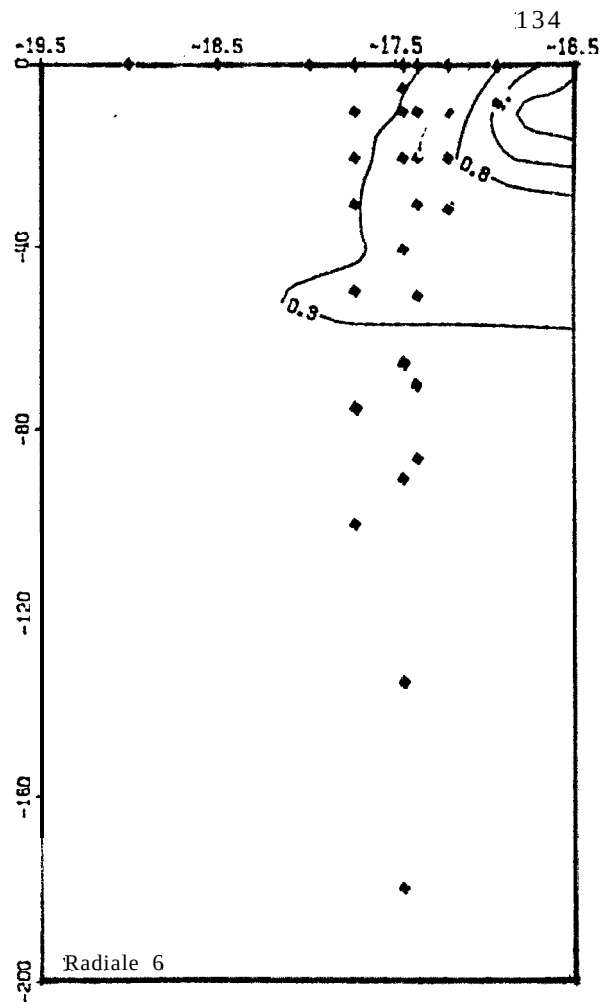
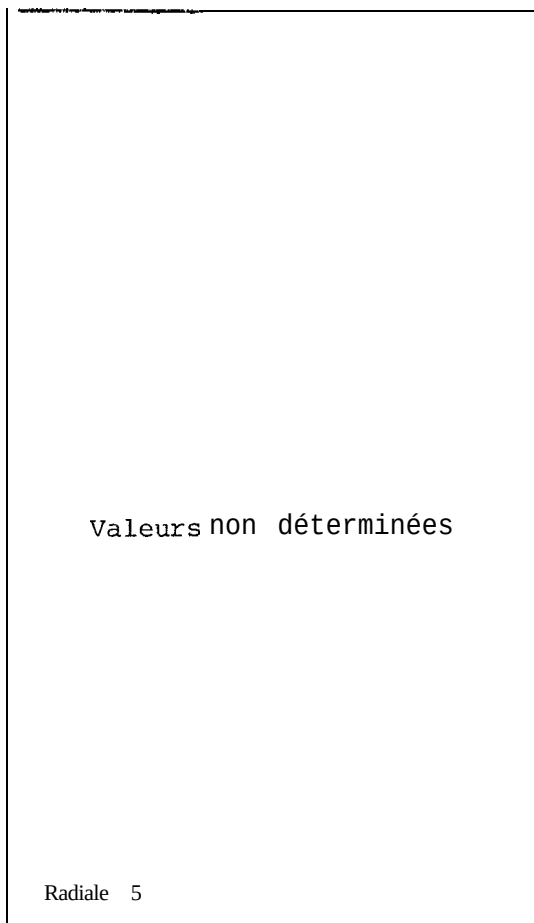


Valeurs non déterminées

Radiale 7







Valeurs non déterminées

Radiale 1

Valeurs non déterminées

Radiale 2

Valeurs non déterminées

Radiale 3

Valeurs non déterminées

Radiale 4

Valeurs non déterminées

Radiale 5

Valeurs non déterminées

Radiale 6

Valeurs non déterminées

Radiale 7

valeurs non déterminées

Radiale 8

CAMPAGNE LOUIS SAUGER 8719

DU 02/12/1987 AU /12/1987

DONNEES PHYSIQUES

campagne	stations	heures	latitudes	longitudes	fond	tsech	vivent	dirvent	immersions	temps	salinités	sigma	hdyn	radiales
8719	1	7.49	1602	1632	13	21.60	7	20	0	22.19	35.81	24.78	1.50	1
8719	1	7.49	1602	1632	13	21.60	7	20	5	22.19	35.81	24.78	0.00	1
8719	2	9.13	1601	1641	52	23.80	5	25	0	22.43	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	5	22.42	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	10	22.42	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	15	22.41	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	20	22.41	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	30	22.36	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	40	21.34	99.99	99.99	99.99	1
8719	2	9.13	1601	1641	52	23.80	5	25	50	19.78	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	0	23.51	35.82	24.40	99.99	1
8719	3	11.02	1641	1651	100	24.50	18	10	5	23.49	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	10	13.47	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	11	13.44	99.99	99.99	99.99	1
5719	3	11.02	1641	1651	100	24.80	18	10	20	23.42	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	30	21.57	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	40	19.46	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	50	18.52	99.99	99.99	99.99	1
8719	3	11.02	1641	1651	100	24.80	18	10	75	16.86	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	0	25.12	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	5	25.19	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	10	25.19	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	15	15.15	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	20	25.14	99.99	99.99	99.99	1
0719	4	13.05	1601	1659	475	25.10	15	10	30	23.27	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	40	20.95	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	50	20.29	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	75	16.85	99.99	99.99	99.99	1
a119	4	13.05	1601	1659	475	25.10	15	10	100	15.75	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	150	14.41	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	200	13.49	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	250	13.7	99.99	w. w	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	300	12.45	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	350	11.78	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	400	10.99	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	450	10.41	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	500	9.53	99.99	99.99	99.99	1
8719	4	13.05	1601	1659	475	25.10	15	10	800	9.53	99.99	99.99	99.99	1
8719	5	16. W	1600	1715	1000	24.90	22	0	0	99.99	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	0	25.25	99.99	99.99	99.99	1
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5719	6	23.52	1602	1729	2000	23.90	22	0	15	15.26	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	20	25.11	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	30	21.29	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	40	20.35	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	50	19.67	99.99	99.99	99.99	1
5719	6	23.52	1602	1729	2000	23.90	22	0	75	18.11	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	100	16.72	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	150	14.48	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	200	13.28	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	250	12.72	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	300	12.15	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	350	11.83	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	400	11.32	99.99	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	450	10.81	w. w	99.99	99.99	1
8719	6	23.52	1602	1729	2000	23.90	22	0	500	10.37	99.99	99.99	99.99	1
0719	6	23.52	1602	1729	2000	23.90	22	0	600	9.23	99.99	99.99	99.99	1
0719	6	23.52	1602	1729	2000	23.90	22	0	7 w	8.10	99.99	99.99	99.99	1
0719	6	23.52	1602	1729	2000	23.90	22	0	800	8.10	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	0	w. w	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	5	25.32	99.99	99.99	99.99	1
a719	7	23.52	1602	1800	2000	23.70	18	0	10	25.32	99.99	99.99	99.99	1
0719	7	23.52	1602	1800	2000	23.70	18	0	15	25.32	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	20	25.33	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	30	25.31	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	40	24.62	w. w	99.99	99.99	1
0719	7	23.52	1602	1800	2000	23.70	18	0	50	22.90	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	75	17.69	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	100	16.20	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	150	14.12	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	200	12.94	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	250	12.39	w. w	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	300	12.7	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	350	11.51	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	ion	11.23	99.99	99.99	99.99	1
a719	7	23.52	1602	1800	2000	23.70	18	0	450	10.62	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	500	10.09	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	600	8.88	99.99	99.99	99.99	1
8719	7	23.52	1602	1800	2000	23.70	18	0	800	8.88	99.99	99.99	99.99	1

campagne	stations	heures	latitudes	longitudes	fond	tsch	vivent	dirvent	immersions	tomp	salinité	sigma	hdy	radiales
8719	--a--	3.36	1601	1828	2000	23.60	22	3 0	0	-26.14	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	5	26.16	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	10	26.16	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	15	26.17	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	20	26.16	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	30	25.22	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	40	21.05	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	50	19.04	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	75	15.85	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	100	14.47	99.99	99.99	99.99	1
8719	8	a 36	1601	1828	2000	23.60	22	30	150	13.81	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	200	12.47	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	250	12.02	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	300	11.69	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	350	11.26	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	400	10.89	99.99	99.99	99.99	1
8719	8	A 3 6	1601	1828	2000	23.60	22	30	450	10.54	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	500	9.77	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	600	9.77	99.99	99.99	99.99	1
8719	8	3.36	1601	1828	2000	23.60	22	30	800	9.77	99.99	99.99	99.99	1
8719	9	7.31	1602	1900	2000	23.40	21	30	0	25.98	99.99	99.99	99.99	1
8719	9	7.31	1602	1900	2000	23.40	21	30	5	25.97	99.99	99.99	99.99	1
8719	9	7.31	1602	1900	2000	23.40	21	30	10	25.97	99.99	99.99	99.99	1
8719	9	7.31	1602	1900	2000	23.40	21	30	15	25.58	99.99	99.99	99.99	1
8719	9	5.31	1602	1900	2000	23.40	21	30	20	24.83	99.99	99.99	99.99	1
8719	9	7.31	1602	1900	2000	23.40	21	30	30	23.63	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	40	20.77	99.99	99.99	99.99	1
8719	9	11.1	1601	1900	2000	23.40	21	30	50	19.04	99.99	99.99	99.99	1
8719	9	5.31	1601	1900	2000	23.40	21	30	75	16.18	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	100	15.37	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	150	13.31	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	200	12.68	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	250	12.15	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	300	11.76	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	350	11.25	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	400	10.90	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	450	10.16	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	500	9.78	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	600	8.72	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	700	7.96	99.99	99.99	99.99	1
8719	9	7.31	1601	1900	2000	23.40	21	30	800	7.96	99.99	99.99	99.99	1
8719	10	11.41	1529	1859	2000	25.30	20	45	0	99.99	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	5	99.99	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	10	26.74	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	15	26.73	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	20	26.73	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	30	24.91	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	40	20.67	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	50	18.48	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	75	15.50	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	100	14.13	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	150	13.47	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	200	12.72	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	250	12.18	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	300	11.73	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	350	11.49	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	400	10.83	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	450	10.22	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	500	9.69	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	600	8.55	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	700	7.69	99.99	99.99	99.99	2
8719	10	11.41	1529	1859	2000	25.30	20	45	800	7.69	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	0	26.12	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	5	26.12	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	10	25.11	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	15	26.09	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	20	26.06	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	30	25.53	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	40	22.20	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	50	19.96	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	75	16.72	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	100	16.18	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	150	13.89	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	200	12.70	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	250	12.14	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	300	11.66	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	350	11.26	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	400	10.66	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	450	10.18	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	500	9.57	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersions	temp	salinités	sigma	hdyn	radiales
8719	11	15.02	1530	1829	2000	25.00	16	35	600	8.81	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	7 w	7.64	99.99	99.99	99.99	2
8719	11	16.02	1530	1829	2000	25.00	16	35	800	7.64	99.99	99.99	99.99	2
a719	12	10.25	1531	1759	2000	23.50	18	0	0	24.97	99.99	99.99	99.99	2
8719	12	11.25	1531	1759	2000	23.50	18	0	5	24.98	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	10	24.99	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	15	24.97	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	20	24.93	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	30	21.68	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	40	20.14	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	50	19.34	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	75	17.61	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	100	16.09	99.99	99.99	99.99	2
a719	12	M.25	1531	1759	2000	23.50	18	0	150	14.32	99.99	99.99	99.99	2
6719	12	20.25	1531	1759	2000	23.50	18	0	200	13.49	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	250	12.65	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	300	12.18	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	350	11.75	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	400	11.23	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	450	10.40	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	500	10.00	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	600	8.82	99.99	99.99	99.99	2
8719	12	20.25	1531	1759	2000	23.50	18	0	700	8.06	99.99	99.99	99.99	2
a719	12	20.25	1531	1759	2000	23.50	18	0	800	8.06	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	0	25.45	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	5	25.46	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	10	25.46	99.99	99.99	99.99	2
a719	13	0.26	1529	1730	2000	23.30	18	30	15	25.45	99.99	99.99	99.99	2
6719	13	0.26	1529	1730	2000	23.30	18	30	20	25.41	99.99	99.99	99.99	2
0719	13	0.26	1529	1730	2000	23.30	18	30	30	23.62	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	40	21.77	99.99	99.99	99.99	2
6719	13	0.26	1529	1730	2000	23.30	18	30	50	20.42	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	75	18.37	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	100	16.64	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	150	14.44	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	200	13.51	99.99	99.99	99.99	2
6719	13	0.26	1529	1730	2000	23.30	18	30	250	12.65	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	300	12.30	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	350	11.71	99.99	99.99	99.99	2
1719	13	0.26	1529	1730	2000	23.30	18	30	400	11.37	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	450	10.82	99.99	99.99	99.99	2
0719	13	0.26	1529	1730	2000	23.30	18	30	500	10.18	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	600	9.14	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	700	8.03	99.99	99.99	99.99	2
8719	13	0.26	1529	1730	2000	23.30	18	30	800	8.03	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	0	24.90	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	5	24.91	99.99	99.99	99.99	2
6719	14	2.54	1529	1713	510	23.40	23	15	10	24.92	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	15	24.93	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	20	24.90	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	30	24.39	99.99	99.99	99.99	2
6719	14	2.54	1529	1713	510	23.40	23	15	40	22.41	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	50	20.98	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	75	18.07	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	100	16.86	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	150	14.59	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	200	13.30	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	250	13.07	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	300	12.37	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	350	1.78	99.99	99.99	99.99	2
8719	14	2.54	1529	1713	510	23.40	23	15	4 w	11.11	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	0	24.08	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	5	24.09	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	10	24.09	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	15	24.08	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	20	24.06	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	30	13.98	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	40	21.99	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	50	19.96	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	75	17.11	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	100	17.07	99.99	99.99	99.99	2
8719	15	5.13	1706	1706	208	23.90	16	20	150	15.26	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	0	26.34	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	5	24.33	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	10	24.32	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	15	24.32	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	20	24.22	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	30	23.35	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	40	21.59	99.99	99.99	99.99	2
8719	16	6.56	1659	1659	100	23.70	16	20	50	21.32	99.99	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsch	vivent	dirvent	immersions	temp	salinités	sigma	hdyn	radiales
8719	16	6 %	1529	1659	100	23.70	16	20	75	18.31	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	22	10	0	23.38	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	11	10	5	23.39	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	22	10	10	23.39	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	22	10	15	23.39	99.99	99.99	99.99	2
8719	17	11.43	1500	1652	47	22.70	22	10	20	23.33	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	22	10	30	22.25	99.99	99.99	99.99	2
8719	17	8.43	1500	1652	47	22.70	22	10	40	21.25	99.99	99.99	99.99	2
8719	18	10.14	1529	1644	1	22.30	20	10	0	22.97	99.99	99.99	99.99	2
8719	18	10.14	1529	1644	16	22.30	20	10	5	22.96	99.99	99.99	99.99	2
8719	18	10.14	1529	1644	16	22.30	20	10	10	22.94	99.99	99.99	99.99	2
8719	19	15.13	1502	1704	25	23.50	18	20	0	24.28	99.99	99.99	99.99	3
8719	19	15.13	1502	1704	25	23.50	18	20	5	24.29	99.99	99.99	99.99	3
8719	19	15.13	1502	1704	25	23.50	18	20	10	24.21	99.99	99.99	99.99	3
8719	19	15.13	1502	1704	25	23.50	18	20	15	24.06	99.99	99.99	99.99	3
8719	19	15.13	1502	1704	25	23.50	18	20	20	23.79	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	0	24.66	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	5	24.65	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	10	24.65	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	15	24.53	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	20	23.87	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	30	22.74	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	40	21.79	99.99	99.99	99.99	3
8719	20	16.06	1459	1707	60	23.90	17	10	50	20.18	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	0	25.10	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	5	24.95	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	10	24.78	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	15	24.62	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	20	24.06	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	30	22.50	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	40	21.06	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	50	20.52	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	75	17.10	99.99	99.99	99.99	3
8719	21	17.47	1500	1715	116	23.90	15	30	100	16.30	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	0	24.67	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	5	24.63	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	10	24.10	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	15	23.29	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	20	22.94	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	30	22.63	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	40	12.78	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	50	21.52	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	75	19.96	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	100	16.18	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	150	14.40	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	200	12.98	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	250	12.23	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	300	11.55	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	350	10.96	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	400	10.71	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	450	10.11	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	500	9.46	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	600	8.77	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	700	8.26	99.99	99.99	99.99	3
8719	22	19.06	1500	1715	820	23.30	17	30	800	8.26	99.99	99.99	99.99	3
8719	23	19.06	1500	1732	675	23.70	15	30	0	24.86	99.99	99.99	99.99	3
8719	23	19.06	1500	1732	675	23.70	15	30	5	24.88	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	10	24.82	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	15	24.25	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	20	23.69	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	30	23.43	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	40	12.29	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	50	21.01	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	75	20.16	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	100	17.75	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	150	14.83	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	200	13.52	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	250	12.56	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	300	12.12	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	350	11.71	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	400	11.13	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	450	10.61	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	500	9.80	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	600	8.38	99.99	99.99	99.99	3
8719	23	21.32	1500	1732	675	23.70	15	30	800	8.86	99.99	99.99	99.99	3
8719	24	13.45	1435	1710	14	24.90	14	345	0	26.30	99.99	99.99	99.99	4
8719	25	15.30	1435	1721	35	24.40	17	5	5	25.43	99.99	99.99	99.99	4
8719	25	15.30	1435	1721	35	24.40	17	5	10	25.40	99.99	99.99	99.99	4
8719	25	15.30	1435	1721	35	24.40	17	5	15	23.75	99.99	99.99	99.99	4
8719	25	15.30	1435	1721	35	24.40	17	5	20	21.37	99.99	99.99	99.99	4

campagne	stations	heures	latitudes	longitudes	tond	tsech	vitvent	divent	immersions	temp	salinités	sigma	hdyn	radiales
8719	25	15.30	1435	1721	35	24.40	17	5	25	19.78	35.63	99.99	99.99	4
8719	25	15.30	1435	1721	35	24.40	17	5	30	19.66	35.72	99.99	99.99	4
8719	26	17.35	1435	1732	80	13.70	22	30	20	26.23	35.01	99.99	99.99	4
8719	26	17.35	1435	1732	80	11.70	22	30	30	26.27	33.47	99.99	99.99	4
8719	26	17.35	1435	1732	80	23.70	22	30	40	20.03	35.87	99.99	99.99	4
8719	26	17.35	1435	1732	80	-23.70	22	30	50	18.44	35.74	99.99	99.99	4
8719	26	17.35	1435	1732	88	23.70	22	30	60	17.89	35.71	99.99	99.99	4
8719	26	17.35	1435	1732	80	23.70	22	30	70	17.62	35.69	99.99	99.99	4
8719	26	17.35	1435	1732	80	23.70	22	30	75	17.62	35.68	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	0	26.30	34.96	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	10	26.02	35.00	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	20	23.38	35.69	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	30	17.71	36.00	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	40	16.36	35.56	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	50	14.36	35.18	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	60	13.52	35.52	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	70	12.43	35.37	99.99	99.99	4
8719	27	19.05	1435	1736	470	23.30	20	30	80	11.84	35.34	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	0	25.86	35.02	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	15	25.86	35.07	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	30	24.33	35.77	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	40	20.36	35.95	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	70	16.95	35.76	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	90	14.70	34.67	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	130	12.78	35.29	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	140	12.15	35.28	99.99	99.99	4
8719	28	21.30	1435	1745	2000	23.40	18	30	180	13.28	34.90	99.99	99.99	4
8719	29	2.20	1480	1748	2000	23.50	14	20	0	25.83	35.15	99.99	99.99	4
8719	29	2.20	1480	1748	2000	23.50	14	20	15	25.89	35.11	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	20	25.89	35.10	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	30	24.54	35.21	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	40	21.67	35.92	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	50	17.71	35.41	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	60	16.36	35.69	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	110	15.38	35.36	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	120	13.18	35.19	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	250	12.31	35.34	99.99	99.99	5
8719	29	2.20	1480	1748	2000	23.50	14	20	300	11.93	35.39	99.99	99.99	5
8719	30	5.20	1408	1734	560	23.00	16	10	0	25.13	35.21	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	10	25.13	35.20	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	20	23.47	35.55	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	50	20.27	35.72	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	95	15.84	35.62	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	120	15.60	35.23	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	145	15.07	35.69	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	150	13.59	35.23	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	190	12.43	35.30	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	210	13.59	35.23	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	245	12.68	35.21	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	0	24.33	35.33	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	10	24.33	35.33	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	20	19.24	35.49	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	5 0	16.95	35.70	99.99	99.99	5
8719	31	7.20	1408	1734	560	23.00	14	15	70	16.58	35.63	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	0	24.10	35.42	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	10	24.14	35.42	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	20	24.11	35.44	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	30	22.04	35.57	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	35	19.66	35.57	99.99	99.99	5
8719	32	9.35	1408	1717	45	23.20	16	0	40	19.02	35.68	99.99	99.99	5
8719	33	11.46	1408	1717	15	23.70	8	350	0	23.68	35.34	99.99	99.99	5
8719	33	11.45	1408	1717	15	23.70	8	350	10	23.68	35.42	99.99	99.99	5
8719	33	11.45	1408	1717	15	23.70	8	350	20	23.50	35.42	99.99	99.99	5
8719	33	11.45	1408	1717	15	23.70	8	350	30	22.46	35.34	99.99	99.99	5
8719	33	11.45	1408	1717	15	23.70	8	350	40	22.13	35.49	99.99	99.99	5
8719	34	17.10	1408	1653	14	23.70	18	320	0	25.46	35.22	99.99	99.99	6
8719	34	17.10	1408	1653	14	23.70	18	320	10	25.49	35.19	99.99	99.99	6
8719	34	17.10	1408	1653	14	23.70	18	320	20	25.49	35.25	99.99	99.99	6
8719	35	20.15	1338	1715	-54	22.90	18	320	30	25.49	35.25	99.99	99.99	6
8719	35	20.15	1338	1715	-54	22.90	18	320	0	25.03	35.22	99.99	99.99	6
8719	35	20.15	1338	1715	-54	22.90	18	320	10	25.03	35.22	99.99	99.99	6
8719	35	20.15	1338	1715	-54	22.90	18	320	20	23.20	35.78	99.99	99.99	6
8719	35	20.15	1338	1715	-54	22.90	18	320	30	20.85	35.78	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	40	20.09	35.75	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	0	25.89	35.00	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	15	25.96	34.94	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	20	25.37	35.01	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	40	20.03	35.80	99.99	99.99	6
8719	36	22.00	1338	1724	104	23.50	18	320	70	-18.72	35.80	99.99	99.99	6
8719	37	23.40	1338	1729	613	23.00	18	320	0	25.93	34.97	99.99	99.99	6

campagne	stations	heures	latitudes	longitudes	fond	lsec	vivent	dirvent	immersions	temp	salinités	sigma	hdyn	radiales
8719	37	23.40	1338	1729	613	23. m	18	20	15	25.93	34.97	99.99	99.99	6
8719	37	23.40	1338	1729	613	23. m	18	20	20	25.93	34.97	99.99	99.99	6
8719	37	23.40	1338	1729	613	23. m	18	20	30	24.60	33.61	99.99	99.99	6
8719	37	23.40	1338	1729	613	23. m	18	20	40	21.76	35.79	99.99	99.99	6
8719	37	23.40	1338	1729	613	23.00	18	20	55	21.37	35.22	99.99	99.99	6
8719	37	23.40	1338	1729	613	23. w	18	20	70	18.72	35.74	99.99	99.99	6
8719	37	23.40	133.3	1729	613	23.00	18	20	90	17.16	36.69	99.99	99.99	6
8719	37		1338	1729	613	23.00	18	20	100	17.04	35.40	99.99	99.99	6
8719	37	23.40	1338	1729	613	23.00	18	20	135	15.41	35.66	99.99	w.-w	6
8719	37	23.40	1338	1729	613	23.00	18	20	155	15.38	35.34	99.99	99.99	6
8719	37	23.40	1338	1746	613	23. m	18	20	175	14.80	35.66	99.99	99.99	6
8719	37	23.40	1338	1745	613	23. m	18	20	180	14.84	35.49	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	15	26.11	34.97	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	20	26.11	35.04	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	30	23.13	35.54	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	40	14.55	35.48	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	70	17.13	55.73	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	195	13.21	35.44	99.99	99.99	6
8719	38	23.40	1338	1745	1000	23.30	18	20	245	12.62	35.41	99.99	99.99	6
8719	39	7.55	1300	1740	520	23.20	18	35	0	26.85	34.94	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	20	26.85	34.48	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	30	21.95	35.76	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	70	16.70	35.59	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	85	16.33	35.64	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	90	16.33	35.64	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	115	15.66	35.64	99.99	99.99	7
8719	39	7.55	13 m	1740	520	23.20	18	35	125	15.38	35.62	99.99	w.-w	7
8719	39	7.55	1300	1740	520	23.20	18	35	150	14.83	35.61	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	155	14.86	35.47	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	18	35	170	14.30	35.57	99.99	99.99	7
8719	39	7.55	1300	1740	520	23.20	16	35	175	14.18	36.61	99.99	99.99	7
8719	40	10.45	1300	1726	50	22.80	22	10	0	25.77	34.98	99.99	99.99	7
8719	40	10.45	1300	1726	50	in.80	22	10	15	25.77	34.98	99.99	99.99	7
8719	40	10.45	13 m	1726	50	22.80	22	10	20	25.77	34.98	99.99	99.99	7
8719	40	10.45	1300	1726	50	22.80	22	10	40	23.51	35.34	99.99	99.99	7
8719	40	10.45	1300	1726	50	22.80	22	10	45	21.43	35.77	99.99	99.99	7
8719	41	13.25	1300	1711	26	23. m	20	20	0	24.73	35.19	99.99	99.99	7
8719	41	13.25	1300	1711	26	23.00	20	20	10	24.73	35.18	99.99	99.99	7
8719	41	13.25	1300	1711	26	23. m	20	20	20	24.66	35.17	99.99	99.99	7
8719	41	13.25	1300	1711	26	23. m	20	20	30	23.87	35.35	99.99	99.99	7
8719	42	15.35	1300	1657	13	24.70	16	0	0	25.19	35.05	99.99	99.99	7
8719	42	15.35	1300	1657	13	24.40	16	0	15	25.06	35.09	99.99	99.99	7
8719	43	15.35	1230	1654	13	24.40	13	345	0	26.08	34.69	99.99	99.99	7
8719	43	15.35	1230	1654	13	24.40	13	345	15	26.11	34.67	99.99	99.99	7
8719	44	11.45	1230	1714	20	24.40	16	345	0	25.25	35.06	99.99	99.99	8
8719	44	21.46	1230	1714	20	24.40	16	345	10	25.28	35.03	99.99	99.99	a
8719	45	0.10	1230	1735	452	24.00	18	10	0	25.86	35.02	99.99	99.99	8
8719	45	0.10	1230	1735	452	24.00	18	10	20	20.45	35.68	99.99	99.99	8
8719	45	0.10	1230	1735	452	24.00	18	10	30	-16.64	35.63	99.99	99.99	8
8719	45	0.10	1230	1735	452	24.00	18	10	40	15.66	35.64	99.99	99.99	8
8719	45	0.10	1230	1735	452	24. m	18	10	50	14.70	35.54	99.99	99.99	a
8719	45	0.10	1230	1735	452	24. m	18	10	60	14.70	35.54	99.99	99.99	8
8719	45	0.10	1230	1735	452	24. m	18	10	70	14.70	-35.54	99.99	99.99	8
8719	45	0.10	1230	1735	452	24. m	18	10	80	14.70	35.54	99.99	99.99	8

CAMPAGNE LOUIS SAUGER 8719

DU 02/12/1987 AU /12/1987

DONNEES CHIMIQUES

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	PO4	Sio2	CHLT	PHEOP	RAD
1	8719	1	1602	1632	1	0	22.28	4.22	2.91	0.45	0.43	3.00	1.75	0.26	1
2	8719	1	1602	1632	2	5	22.31	4.19	2.15	0.12	0.36	3.90	1.94	0.34	1
3	8719	1	1602	1632	3	10	23.13	3.01	2.81	0.54	0.42	8.10	0.26	0.15	1
4	8719	2	1601	1641	1	0	22.62	3.68	1.62	0.12	0.31	2.80	0.34	0.14	1
5	8719	2	1601	1641	2	10	22.57	3.59	2.14	0.20	0.41	5.10	0.15	0.14	1
6	8719	2	1601	1641	3	20	22.39	3.00	2.85	0.21	0.47	7.20	0.76	0.16	1
7	8719	2	1601	1641	4	30	21.19	99.99	9.35	0.03	0.78	11.00	0.29	0.10	1
8	8719	2	1601	1641	5	46	19.74	99.99	8.83	0.09	0.83	11.80	0.28	0.07	1
9	8719	3	1641	1651	1	0	23.63	4.07	0.33	0.02	0.20	1.80	0.20	0.10	1
10	8719	3	1641	1651	2	10	23.27	4.07	0.06	0.14	0.20	3.20	0.22	0.09	1
11	8719	3	1641	1651	3	20	23.49	4.04	0.24	0.39	0.16	5.40	0.21	0.06	1
12	8719	3	1641	1651	4	35	20.77	2.87	5.59	0.13	0.44	9.10	0.32	0.17	1
13	8719	3	1641	1651	5	52	18.48	1.87	11.43	0.57	1.58	10.70	0.11	0.04	1
14	8719	3	1641	1651	6	80	17.00	1.51	13.45	0.20	1.03	12.80	0.07	0.07	1
15	8719	3	1641	1651	7	96	16.06	1.30	21.46	0.21	1.47	12.00	0.09	0.02	1
16	8719	4	1601	1659	1	0	25.21	4.04	0.10	0.03	0.20	2.00	0.22	0.08	1
17	8719	4	1601	1659	2	10	25.14	4.01	0.13	0.09	0.14	2.70	0.25	0.04	1
18	8719	4	1601	1659	3	20	24.85	3.90	0.05	0.02	0.13	3.80	0.45	0.11	1
19	8719	4	1601	1659	4	24	24.67	3.86	0.40	0.14	0.16	5.00	0.45	0.20	1
20	8719	4	1601	1659	5	46	21.90	3.30	2.63	0.39	0.23	6.70	0.43	0.32	1
21	8719	4	1601	1659	6	58	18.34	99.99	14.01	0.13	0.98	8.30	0.06	0.06	1
22	8719	4	1601	1659	7	77	16.92	1.46	15.75	0.57	1.22	9.20	0.07	0.03	1
23	8719	4	1601	1659	8	126	15.18	1.39	22.56	0.08	1.50	10.00	0.04	0.01	1
24	8719	4	1601	1659	9	171	14.10	1.39	21.24	0.04	1.44	12.80	0.01	0.00	1
25	8719	4	1601	1659	10	216	13.55	1.37	25.11	0.03	1.59	12.10	0.00	0.00	1
26	8719	4	1601	1659	11	266	13.08	1.41	19.89	0.06	1.40	13.00	99.99	99.99	1
27	8719	5	1600	1715	1	0	25.67	3.91	0.47	0.08	0.26	1.60	0.28	0.06	1
28	8719	6	1602	1729	1	0	25.34	4.26	0.59	0.15	0.32	2.10	0.39	0.04	1
29	8719	7	1602	1800	1	0	25.23	4.02	0.10	0.02	0.21	2.00	0.33	0.10	1
30	8719	8	1601	1828	1	0	26.11	4.00	0.78	0.16	0.18	2.40	0.10	0.04	1
31	8719	9	1601	1900	1	0	25.74	3.93	0.08	0.05	0.11	2.00	0.05	0.03	1
32	8719	10	1529	1859	1	0	26.73	3.87	0.03	0.04	0.08	2.00	0.08	0.06	2
33	8719	11	1530	1829	1	0	26.16	99.99	0.14	0.08	0.11	2.10	0.10	0.05	2
34	8719	12	1531	1759	1	0	24.92	3.95	0.05	0.02	0.22	1.70	0.29	0.10	2
35	8719	13	1529	1730	1	0	25.50	4.40	0.13	0.03	0.18	1.80	0.22	0.06	2
36	8719	14	1529	1713	1	0	24.77	3.91	0.35	0.18	0.21	4.60	0.30	0.11	2
37	8719	14	1529	1713	2	10	24.70	3.91	0.14	0.05	0.22	3.20	0.34	0.10	2
38	8719	14	1529	1713	3	20	24.70	3.94	0.12	0.03	0.21	3.90	0.35	0.13	2
39	8719	14	1529	1713	4	27	24.69	3.91	0.35	0.18	0.20	5.10	0.39	0.07	2
40	8719	14	1529	1713	5	44	22.39	3.80	0.39	0.15	0.16	6.60	0.37	0.28	2
41	8719	14	1529	1713	6	42	19.02	1.98	12.29	0.13	0.85	6.70	0.08	0.07	2
42	8719	14	1529	1713	7	55	17.97	1.80	14.38	0.14	1.05	8.90	0.06	0.04	2
43	8719	14	1529	1713	8	132	15.73	1.65	16.40	0.41	1.21	9.10	0.05	0.02	2
44	8719	14	1529	1713	9	173	14.07	1.38	18.14	0.11	1.31	11.20	0.01	0.00	2
45	8719	14	1529	1713	10	254	12.89	1.37	24.44	0.05	1.59	12.10	99.99	99.99	2
46	8719	15	1706	1706	1	0	24.01	4.00	0.31	0.07	0.29	3.40	0.27	0.07	2
47	8719	15	1706	1706	2	10	24.01	4.05	0.28	0.13	0.15	4.90	0.30	0.06	2
48	8719	15	1706	1706	3	20	24.02	99.99	0.37	0.23	0.23	8.00	0.29	0.05	2
49	8719	15	1706	1706	4	31	24.00	4.00	0.18	0.06	0.20	7.80	0.28	0.05	2
50	8719	15	1706	1706	5	49	21.14	2.81	4.59	0.66	0.40	9.00	0.01	0.00	2
51	8719	15	1706	1706	6	66	17.96	1.69	17.67	0.07	1.20	10.00	0.04	0.11	2
52	8719	15	1706	1706	7	98	17.37	1.60	17.82	0.08	1.16	12.40	0.18	0.02	2
53	8719	15	1706	1706	8	140	15.37	1.38	19.83	0.05	1.30	11.70	0.06	99.99	2
54	8719	16	1529	1659	1	0	24.23	4.04	0.15	0.06	0.24	3.20	0.71	0.00	2
55	8719	16	1529	1659	2	10	24.22	4.02	0.21	0.10	0.20	4.50	0.79	0.00	2
56	8719	16	1529	1659	3	20	24.20	3.99	0.13	0.05	0.21	6.40	0.69	0.00	2
57	8719	16	1529	1659	4	27	23.79	3.75	0.95	0.15	0.25	9.80	0.38	0.00	2
58	8719	16	1529	1659	5	35	21.51	2.71	6.14	0.55	0.54	8.70	0.31	0.00	2
59	8719	16	1529	1659	6	52	21.24	2.64	6.47	0.43	0.56	10.20	0.46	0.06	2
60	8719	16	1529	1659	7	63	18.81	1.93	14.14	0.14	1.04	11.70	0.10	0.01	2
61	8719	16	1529	1659	8	88	17.04	1.50	15.32	0.57	1.17	13.10	0.14	0.06	2
62	8719	17	1500	1652	1	0	23.35	3.40	4.34	0.28	0.39	5.10	0.26	0.95	2
63	8719	17	1500	1652	2	10	23.27	3.39	2.58	0.30	0.41	4.30	0.66	0.31	2
64	8719	17	1500	1652	3	20	23.22	3.38	7.26	1.23	0.69	6.30	0.48	0.23	2
65	8719	17	1500	1652	4	35	22.21	2.72	4.82	0.46	0.51	9.20	0.27	0.19	2
66	8719	17	1500	1652	5	60	20.94	2.36	9.11	0.68	0.77	10.70	0.30	0.13	2
67	8719	18	1529	1644	1	0	22.78	3.62	1.62	0.38	0.77	5.80	0.74	0.29	2
68	8719	18	1529	1644	2	6	22.80	99.99	3.35	0.55	0.46	7.60	0.71	0.29	2
69	8719	18	1529	1644	3	12	22.76	3.60	2.66	0.49	0.54	9.80	0.77	0.31	2
70	8719	19	1502	1704	1	0	24.19	3.70	1.18	0.21	0.40	5.20	0.57	0.21	3
71	8719	19	1502	1704	2	10	24.17	3.69	1.08	0.19	0.36	6.90	0.49	0.22	3
72	8719	19	1502	1704	3	20	24.15	3.15	1.22	0.18	0.49	9.60	0.57	0.08	3
73	8719	19	1502	1704	4	25	23.37	3.16	3.22	0.39	0.58	9.10	1.03	0.23	3

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Inmersions	Tmp	O2	NO3	NO2	PO4	Sio2	CHLT	PHEOF	RAI
74	87'9	20	1459	1707	1	0	24.60	3.82	0.68	0.14	0.26	4.10	0.71	0.28	3
75	8719	20	1459	1707	2	10	24.48	3.80	0.75	0.14	0.30	3.80	0.81	0.22	-3
76	8719	20	1459	1707	3	20	23.84	3.31	2.21	0.35	0.39	5.90	0.28	0.15	3
77	87'9	20	1459	1707	4	34	22.67	2.93	3.85	0.45	0.43	8.20	0.62	0.15	3
78	8719	20	1459	1707	5	39	21.82	2.42	7.22	0.63	0.64	10.10	0.16	0.15	3
79	87'9	20	1459	1707	6	47	19.89	2.09	10.14	0.32	0.83	11.30	0.24	0.12	3
80	8719	21	1500	1715	1	0	24.88	6.42	0.10	0.07	0.22	3.80	0.24	0.13	3
82	8719	21	1500	1715	2	10	24.74	4.02	0.10	0.07	0.29	5.10	0.27	0.06	-3
		21	1500	1715	3	20	24.52	4.01	0.10	0.09	0.29	7.30	0.33	0.10	3
83	8719	21	1500	1715	4	39	22.58	2.58	5.86	0.53	0.63	6.70	0.27	0.19	3
84	87'9	21	1500	1715	5	43	20.83	2.37	6.21	0.38	0.63	8.80	0.22	0.05	3
85	87'9	21	1500	1715	6	54	17.89	1.63	14.74	0.14	1.17	11.10	0.08	0.00	3
86	8719	21	1500	1715	7	97	16.00	1.31	17.41	0.18	1.35	10.70	0.07	0.00	3
87	8719	22	1500	1721	1	0	24.52	3.83	0.77	0.15	0.40	3.00	0.21	0.07	3
88	87'9	22	1500	1721	2	10	24.52	3.84	0.52	0.13	0.35	2.80	0.23	0.07	3
89	8719	22	1500	1721	3	20	24.52	3.69	1.18	0.23	0.41	3.80	0.29	0.11	3
90	87'9	22	1500	1721	4	20	23.34	2.89	5.18	0.63	0.74	4.70	0.22	0.10	3
91	8719	22	1500	1721	5	38	22.28	2.37	8.33	0.67	0.88	7.20	0.21	-0.20	3
92	8719	22	1500	1721	6	37	21.87	2.13	6.74	0.42	0.89	8.00	0.28	0.01	3
93	8719	22	1500	1721	7	65	20.38	2.08	9.99	0.39	0.97	9.10	0.15	0.02	3
94	8719	22	1500	1721	8	87	16.75	1.42	19.95	0.12	1.30	10.70	0.02	0.01	3
95	8719	22	1500	1721	9	130	14.94	1.33	11.55	0.12	1.37	11.20	0.01	0.01	3
96	8719	22	1500	1721	10	211	12.99	1.38	99.99	99.99	1.82	12.40	0.01	0.00	3
97	87'9	23	1500	1732	1	0	24.71	3.79	2.35	0.10	0.52	1.80	0.16	0.16	4
98	87'9	23	1500	1732	2	10	24.68	3.75	0.63	0.14	0.44	2.00	0.14	0.17	4
99	8719	23	1500	1732	3	20	24.61	3.71	0.97	0.18	0.49	2.40	0.18	0.17	4
100	8719	23	1500	1732	4	24	24.02	3.22	3.38	0.43	0.52	4.90	0.24	-0.18	4
101	87'9	23	1500	1732	5	50	23.81	99.99	3.34	0.57	0.26	4.00	0.20	0.30	4
102	87'9	23	1500	1732	6	60	22.02	2.42	7.67	0.74	0.51	5.80	0.11	0.03	-4
103	8719	23	1500	1732	7	65	20.44	2.01	9.13	0.29	0.64	7.60	0.16	0.11	4
'04	87'9	23	1500	1732	8	89	19.82	1.81	13.50	0.24	0.89	8.80	0.10	0.08	4
'05	8719	23	1500	1732	9	126	15.74	1.34	19.96	0.20	1.23	10.00	0.05	0.02	4
'06	8719	23	1500	1732	10	165	14.54	1.61	18.11	0.18	1.08	12.00	0.03	-0.02	4
107	8719	23	1500	1732	11	205	13.60	1.28	22.67	8.13	1.34	15.10	99.99	99.99	4
108	8719	23	1500	1732	12	247	12.46	1.03	25.30	0.11	1.52	14.40	99.99	99.99	4
'09	8719	24	1435	1710	1	0	23.41	2.61	6.25	0.86	0.70	4.10	0.39	0.23	4
110	8719	24	1435	1710	2	5	23.24	2.47	7.41	1.02	0.77	3.90	0.29	0.26	4
111	8719	24	1435	1710	3	10	23.16	2.52	6.10	0.80	0.63	6.80	0.38	0.38	-4
112	8719	25	1435	1721	1	0	25.44	3.84	0.25	0.15	0.17	5.00	0.24	0.15	4
" 3	8719	25	1435	1721	2	5	25.32	3.84	0.33	0.15	0.15	4.50	0.28	0.27	4
114	8719	25	1435	1721	3	10	24.56	3.76	0.95	0.24	0.17	7.00	0.52	0.30	4
115	8719	25	1435	1721	4	26	22.47	3.57	0.92	-0.16	0.15	9.10	0.27	0.34	4
116	8719	25	1435	1721	5	32	19.84	1.93	12.85	0.47	0.88	9.80	0.08	0.12	4
117	8719	26	1435	1732	1	0	26.27	3.90	0.14	0.15	0.19	3.50	0.07	0.08	4
118	8719	26	1435	1732	2	10	26.24	3.89	0.11	0.13	0.05	2.80	0.07	0.07	4
119	8719	26	1435	1732	3	20	23.14	3.81	0.88	0.26	0.26	2.90	0.39	0.29	4
120	8719	26	1435	1732	4	43	20.53	2.67	4.51	0.36	0.33	4.80	0.23	0.19	4
121	87'9	26	1435	1732	5	58	18.39	1.72	11.77	0.35	0.78	6.10	0.11	0.04	4
122	8719	26	1435	1732	6	76	17.64	1.45	12.54	0.24	0.85	8.80	0.04	0.07	4
'23	8719	27	1435	1736	1	0	26.40	3.89	0.74	0.22	0.12	1.40	0.06	0.06	4
124	8719	27	1435	1736	2	10	26.38	3.92	0.12	0.14	0.05	1.80	0.06	0.04	4
125	8719	27	1435	1736	3	20	26.32	3.88	0.01	0.13	0.02	1.40	0.08	0.03	4
126	8719	27	1435	1736	4	28	26.26	3.88	0.00	-0.10	0.02	1.80	0.07	0.06	4
127	8719	27	1435	1736	5	35	23.34	3.64	0.39	0.11	0.13	2.00	0.25		4
128	8719	27	1435	1736	6	48	20.12	2.51	7.55	0.49	0.53	2.60	0.10		4
129	8719	27	1435	1736	7	78	99.99	1.83	13.51	0.20	0.84	3.40	0.04	0.12	4
130	8719	27	1435	1736	8	100	15.93	1.82	17.03	0.16	1.05	6.10	0.02	0.03	4
131	87'9	27	1435	1736	9	111	14.42	1.57	18.62	0.14	1.10	7.10	99.99	99.99	4
132	87'9	27	1435	1736	10	202	12.48	1.46	20.43	0.13	1.20	8.90	99.99	99.99	4
133	8719	28	1435	1745	1	0	25.93	4.00	0.18	0.13	0.16	3.10	0.07	0.03	5
134	8719	28	1435	1745	2	10	25.87	4.00	0.14	0.12	0.09	2.00	0.06	0.05	5
135	8719	28	1435	1745	3	20	25.93	4.03	0.10	0.13	0.07	1.40	0.08	-0.04	5
136	8719	28	1435	1745	4	30	25.90	3.89	0.08	0.12	0.09	4.00	0.09	0.08	5
137	8719	28	1435	1745	5	50	22.47	3.55	0.06	0.12	0.02	4.40	0.12	0.11	5
'38	8719	28	1435	1745	6	67	21.27	3.42	0.02	0.11	-0.02	4.80	0.10	0.11	5
139	8719	28	1435	1745	7	85	18.28	2.11	9.45	0.46	0.49	5.50	0.08	0.13	5
140	8719	28	1435	1745	8	122	14.42	1.62	16.53	0.27	-1.04	7.30	0.01	0.03	5
141	8719	28	1435	1745	9	163	13.00	1.58	20.92	0.15	1.44	8.60	0.00	0.00	5
142	8719	28	1435	1745	10	212	12.12	1.49	21.54	0.16	1.49	10.70	0.00	0.00	5
143	8719	29	1480	1748	1	0	25.89	4.03	0.42	0.18	0.40	2.80	0.12	0.06	5
144	8719	29	1480	1748	2	10	26.87	4.08	0.29	0.21	0.29	3.60	0.10	0.08	5
145	8719	29	1480	1748	3	17	26.86	3.89	0.02	0.15	0.31	5.40	0.12	0.06	5
146	8719	29	1480	1748	4	20	25.99	3.66	0.26	0.18	0.31	5.60	0.15	0.03	5

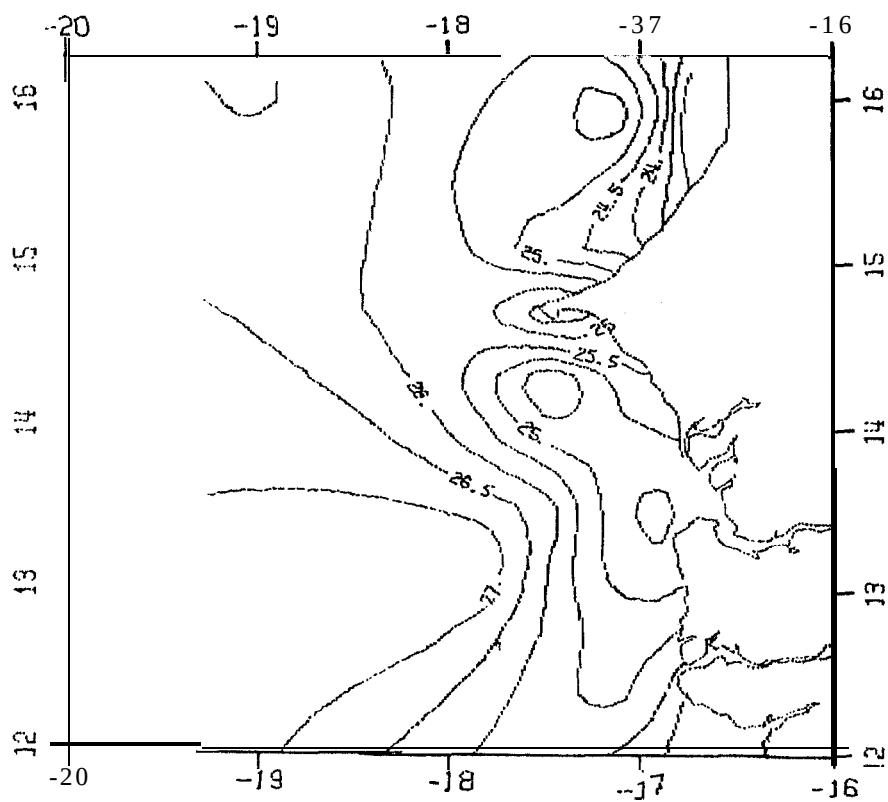
Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	P04	Sio2	CHLT	PHEOP	RAD
147	8719	29	1480	1748	5	44	20.27	2.98	3.20	0.26	0.54	7.00	0.35	0.17	5
148	8719	29	1480	1748	6	70	17.02	2.21	16.74	0.24	1.17	5.80	0.11	0.10	5
149	8719	29	1480	1748	7	91	15.68	1.87	22.74	0.17	1.55	8.90	0.09	0.01	5
150	8719	29	1480	1748	8	145	13.86	1.85	21.69	0.32	1.41	9.80	0.00	0.00	5
151	8719	29	1480	1748	9	200	12.90	1.83	20.18	0.19	1.44	11.60	0.00	0.00	5
152	8719	29	1480	1748	10	257	12.33	1.83	22.47	0.16	1.55	13.20	99.99	99.99	5
153	8719	30	1408	1734	1	0	25.16	3.91	0.76	0.25	0.55	6.10	0.36	0.10	5
154	8719	30	1408	1734	2	10	25.13	3.89	0.74	0.27	0.48	4.70	0.39	0.09	5
155	8719	30	1408	1734	3	20	25.16	3.89	0.66	0.26	0.45	3.40	0.32	0.09	5
156	8719	30	1408	1734	4	48	22.87	3.61	0.08	0.18	0.30	5.60	0.18	0.16	5
157	8719	30	1408	1734	5	75	18.89	2.18	10.49	0.27	0.84	5.60	0.10	0.09	5
158	8719	30	1408	1734	6	94	16.57	1.81	18.13	0.21	1.27	9.40	0.06	0.05	5
159	8719	30	1408	1734	7	150	15.92	1.60	17.36	0.19	1.26	9.60	0.05	0.04	5
160	8719	30	1408	1734	8	200	15.07	1.44	23.62	0.14	1.64	9.70	0.03	0.02	5
161	8719	30	1408	1734	9	244	13.74	99.99	20.92	0.18	1.47	12.40	0.00	0.00	5
162	8719	30	1408	1734	10	0	12.51	4.99	20.95	0.21	1.45	1	0.00	0.00	5
163	8719	31	1408	1732	1	10	24.33	3.57	3.05	0.59	0.66	3.10	0.71	0.18	5
164	8719	31	1408	1732	2	20	24.32	3.53	3.49	0.63	0.73	2.40	0.64	0.18	5
165	8719	31	1408	1732	3	32	24.37	3.55	2.44	0.47	0.59	5.30	0.71	0.23	5
166	8719	31	1408	1732	4	47	22.56	3.35	-1.32	0.31	0.39	7.60	0.24	0.14	5
167	8719	31	1408	1732	5	55	19.86	2.57	7.16	0.47	0.68	9.10	0.15	0.12	5
168	8719	31	1408	1732	6	70	18.30	99.99	16.19	0.31	1.24	10.70	0.09	0.05	5
169	8719	31	1408	1732	7	10	16.66	1.42	23.54	0.17	1.48	12.40	0.04	0.03	5
170	8719	32	1408	1718	1	20	24.15	3.80	1.60	0.39	0.55	3.40	1.21	0.05	5
171	8719	32	1408	1718	2	31	24.11	3.60	1.68	0.39	0.51	5.20	0.85	0.02	5
172	8719	32	1408	1718	3	40	22.02	3.04	4.66	0.53	0.67	6.70	0.35	0.08	5
173	8719	32	1408	1718	4	0	19.50	1.90	10.11	0.51	1.35	8.10	0.11	0.06	5
174	8719	32	1408	1718	5	6	19.30	1.91	11.90	0.48	1.02	9.80	0.09	0.03	5
175	8719	33	1408	1717	1	12	23.66	2.95	5.33	0.99	0.81	3.80	1.98	0.00	5
176	8719	33	1408	1717	2	6	23.06	2.01	7.43	0.93	0.92	6.20	1.38	0.04	5
177	8719	33	1408	1717	3	12	22.15	1.73	8.86	1.97	0.97	7.70	0.61	0.10	5
178	8719	34	1408	1653	1	6	25.51	3.85	0.81	0.40	0.88	4.10	1.98	0.00	6
179	8719	34	1408	1653	2	12	25.45	3.86	0.70	0.37	0.84	5.90	2.06	0.00	6
180	8719	34	1408	1653	3	0	25.42	3.80	1.30	0.52	0.89	8.10	1.43	0.21	6
181	8719	35	1338	1715	1	10	25.05	4.07	0.29	0.25	0.49	4.00	0.60	0.08	6
182	8719	35	1338	1715	2	20	25.03	4.00	0.42	0.30	0.46	5.60	0.44	0.16	6
183	8719	35	1338	1715	3	29	23.92	3.69	0.41	0.25	0.46	6.40	0.42	0.30	6
184	8719	35	1338	1715	4	37	21.04	3.05	2.72	0.38	0.65	8.40	0.24	0.06	6
185	8719	35	1338	1715	5	0	20.19	2.07	8.48	0.77	0.91	9.90	0.13	0.06	6
186	8719	36	1338	1724	1	0	25.95	4.00	0.17	0.21	0.48	3.60	0.15	0.03	6
187	8719	36	1338	1724	2	10	25.94	4.07	0.08	0.20	0.43	4.20	0.12	0.00	6
188	8719	36	1338	1724	3	20	25.96	3.98	0.01	0.15	0.45	3.60	0.15	0.00	6
189	8719	36	1338	1724	4	29	21.36	3.34	1.88	0.30	0.60	5.60	0.17	0.06	6
190	8719	36	1338	1724	5	37	20.02	1.99	11.91	1.13	1.07	5.80	0.08	0.03	6
191	8719	36	1338	1724	6	48	19.63	1.71	14.24	0.75	1.20	6.10	0.10	0.06	6
192	8719	36	1338	1724	7	69	18.07	1.31	14.21	0.21	1.28	9.10	0.10	0.04	6
193	8719	37	1338	1729	1	0	25.95	4.24	0.10	0.15	0.51	7.30	0.15	0.00	6
194	8719	37	1338	1729	2	10	25.88	4.13	0.29	0.16	0.45	6.70	0.18	0.01	6
195	8719	37	1338	1729	3	20	25.94	4.11	0.07	0.16	0.47	4.10	0.18	0.00	6
196	8719	37	1338	1729	4	23	25.74	3.84	0.37	0.25	0.37	2.80	99.99	99.99	6
197	8719	37	1338	1729	5	30	23.81	3.77	0.67	0.33	0.38	3.20	99.99	99.99	6
198	8719	37	1338	1729	6	41	22.26	3.30	2.90	0.30	0.56	5.20	0.27	0.02	6
199	8719	37	1338	1729	7	54	20.26	2.45	9.70	0.42	0.94	7.00	0.25	0.08	6
200	8719	37	1338	1729	8	73	18.60	2.02	10.27	0.19	0.43	7.40	0.13	0.06	6
201	8719	37	1338	1729	9	117	16.57	1.75	23.01	0.09	1.40	9.40	0.07	0.02	6
202	8719	37	1338	1729	10	168	14.83	1.83	99.99	0.10	0.20	12.10	0.04	0.02	6
203	8719	38	1338	1745	1	0	26.07	4.32	0.38	0.10	0.18	2.30	0.15	0.03	6
204	8719	38	1338	1745	2	20	26.08	4.60	1.99	0.41	0.13	2.70	0.15	0.01	6
205	8719	38	1338	1745	3	47	25.75	4.05	15.73	0.14	1.05	3.60	0.22	0.00	6
206	8719	38	1338	1745	4	66	18.70	3.60	99.99	0.16	0.27	4.10	0.24	0.12	6
207	8719	38	1338	1745	5	74	16.87	2.21	12.15	0.20	0.83	4.50	0.13	0.11	6
208	8719	38	1338	1745	6	96	16.87	1.59	18.45	0.13	1.19	4.90	0.07	0.06	6
209	8719	38	1338	1745	7	156	15.84	1.44	19.43	0.17	1.24	5.00	0.04	0.01	6
210	8719	38	1338	1745	8	202	14.41	1.44	25.30	0.03	1.59	7.20	0.00	0.00	6
211	8719	38	1338	1745	9	251	13.15	1.27	19.13	0.10	1.28	6.80	0.00	0.00	6
212	8719	38	1338	1745	10	0	11.59	1.24	20.35	0.08	1.33	8.90	0.00	0.00	6
213	8719	39	1300	1745	1	10	26.85	4.03	0.24	0.04	0.20	2.20	0.13	0.04	7
214	8719	39	1300	1745	2	20	26.82	4.02	0.54	0.23	0.16	4.70	0.14	0.02	7
215	8719	39	1300	1745	3	22	26.76	4.00	99.99	0.07	0.14	5.30	0.11	0.06	7
216	8719	39	1300	1745	4	33	26.84	4.00	18.50	0.16	1.26	6.00	0.16	0.04	7
217	8719	39	1300	1745	5	56	22.75	2.84	6.17	0.25	0.58	6.40	0.19	0.06	7
218	8719	39	1300	1745	6	64	19.61	2.73	12.55	0.11	0.89	10.70	0.09	0.06	7
219	8719	39	1300	1745	7	1e.33	2.20	13.87	0.08	0.98	8.80	0.04	0.03	7	

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	PO4	SiO2	CHLT	PHEOP	RAID
220	8719	39	1300	1745	8	135	15.86	2.18	15.80	0.09	-1.13	11.50	0.01	0.00	7
221	8719	39	1300	1745	9	141	15.11	1.59	20.71	0.06	1.30	11.90	0.01	0.00	7
222	8719	39	1300	1745	10	185	14.10	1.52	19.93	0.04	1.35	12.70	0.00	0.00	7
223	8719	40	1300	1740	1	0	25.78	4.41	0.55	0.14	0.31	4.30	0.18	0.02	7
224	8719	40	1300	1740	2	10	25.73	3.87	0.31	0.02	0.31	5.00	0.16	0.03	7
225	8719	40	1300	1740	3	20	24.10	3.22	1.82	0.23	0.26	5.10	0.30	0.13	7
226	8719	40	1300	1740	4	37	23.13	2.99	5.13	0.29	0.43	5.80	0.21	0.13	7
227	8719	40	1300	1740	5	51	20.73	2.32	8.36	0.18	0.64	7.50	0.17	0.13	7
228	8719	41	1300	1711	1	0	24.68	3.67	2.95	0.52	0.44	4.20	1.23	0.14	7
229	8719	41	1300	1711	2	5	24.72	3.44	3.53	0.63	0.51	5.40	1.17	0.18	7
230	8719	41	1300	1711	3	10	24.70	3.47	3.78	0.70	0.56	7.60	0.75	0.32	7
231	8719	41	1300	1711	4	25	24.01	3.12	4.81	0.66	0.56	9.70	0.59	0.12	7
232	8719	42	1300	1657	1	0	25.21	3.23	4.34	1.61	0.64	6.40	0.72	0.09	7
233	8719	42	1300	1657	2	10	25.05	3.26	5.18	1.90	0.71	8.20	0.55	0.00	7
234	8719	43	1230	1654	1	0	26.06	3.77	0.63	0.36	0.45	6.00	0.62	0.00	8
235	8719	43	1230	1654	2	4	26.06	3.39	0.68	0.40	-0.64	6.50	0.44	0.00	8
236	8719	43	1230	1654	3	8	26.06	3.36	0.57	0.34	0.72	7.70	0.27	0.00	8
237	8719	44	1230	1714	1	0	25.26	3.30	3.00	0.82	0.53	4.90	0.23	0.01	8
238	8719	44	1230	1714	2	7	25.24	3.54	1.71	0.90	0.52	1280	0.17	0.00	8
239	8719	44	1230	1714	3	15	25.16	3.14	3.47	0.75	0.56	9.00	0.09	0.01	8
240	8719	45	1230	1735	1	0	25.83	3.94	0.92	0.21	0.44	3.00	0.08	0.00	8
241	8719	45	1230	1735	2	20	25.74	3.63	0.88	0.19	0.34	5.00	0.07	0.00	8
242	8719	45	1230	1735	3	30	25.73	99.99	0.91	0.21	0.35	7.10	0.08	0.00	8
243	8719	45	1230	1735	4	53	22.10	2.89	6.39	0.47	0.55	7.90	0.04	0.01	8
244	8719	45	1230	1735	5	84	16.75	99.99	17.89	0.16	1.22	6.90	0.01	0.00	8
245	8719	45	1230	1735	6	133	15.13	1.54	17.07	0.08	1.26	11.60	0.01	0.00	8
246	8719	45	1230	1735	7	175	14.30	1.51	16.02	0.09	1.19	12.80	0.01	0.00	8

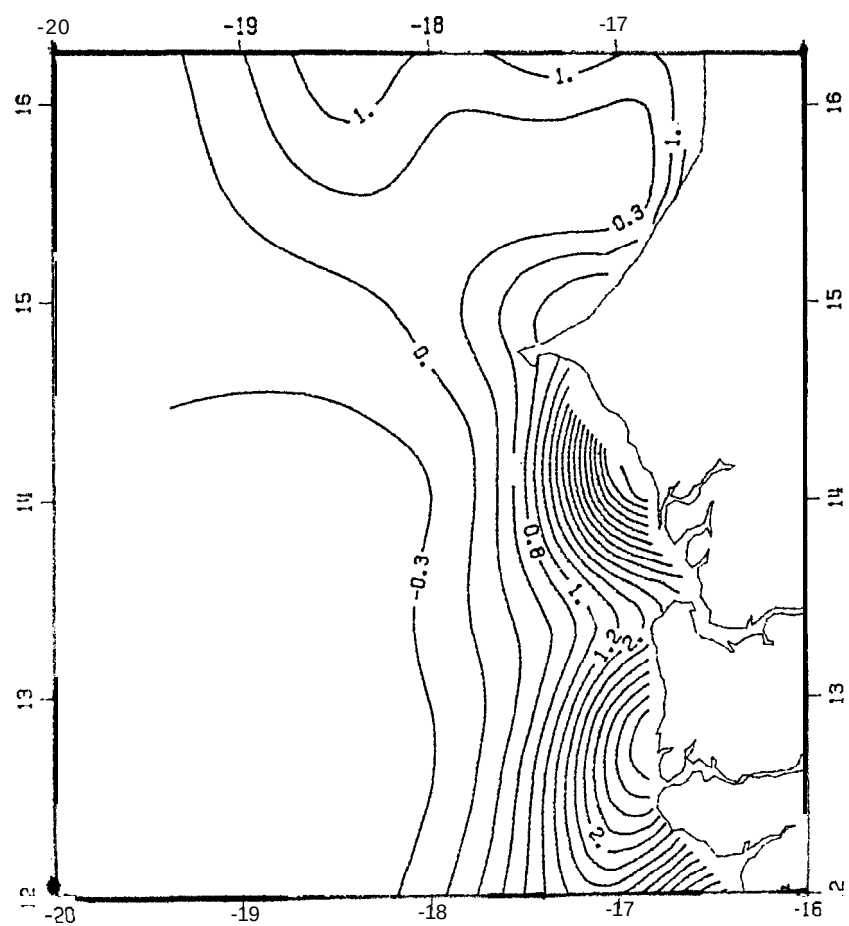
CAMPAGNE LOUIS SAUGER 8719

DU 02/12/1987 AU /12/1987

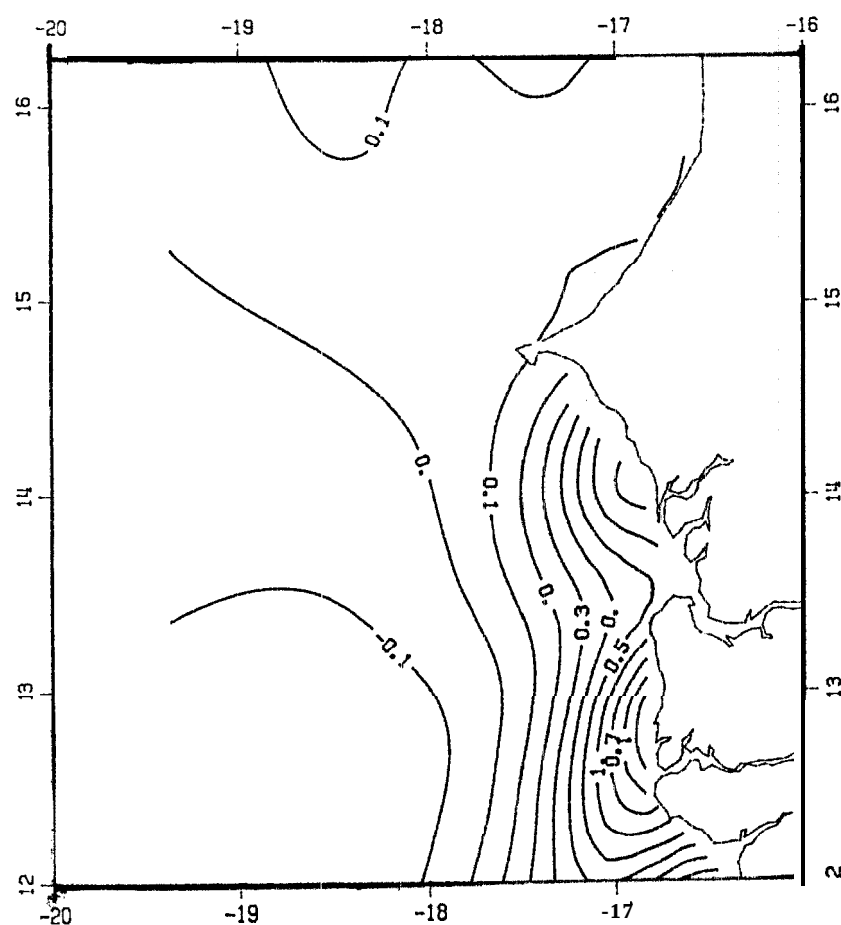
CARTES DE SURFACE ET COUPES



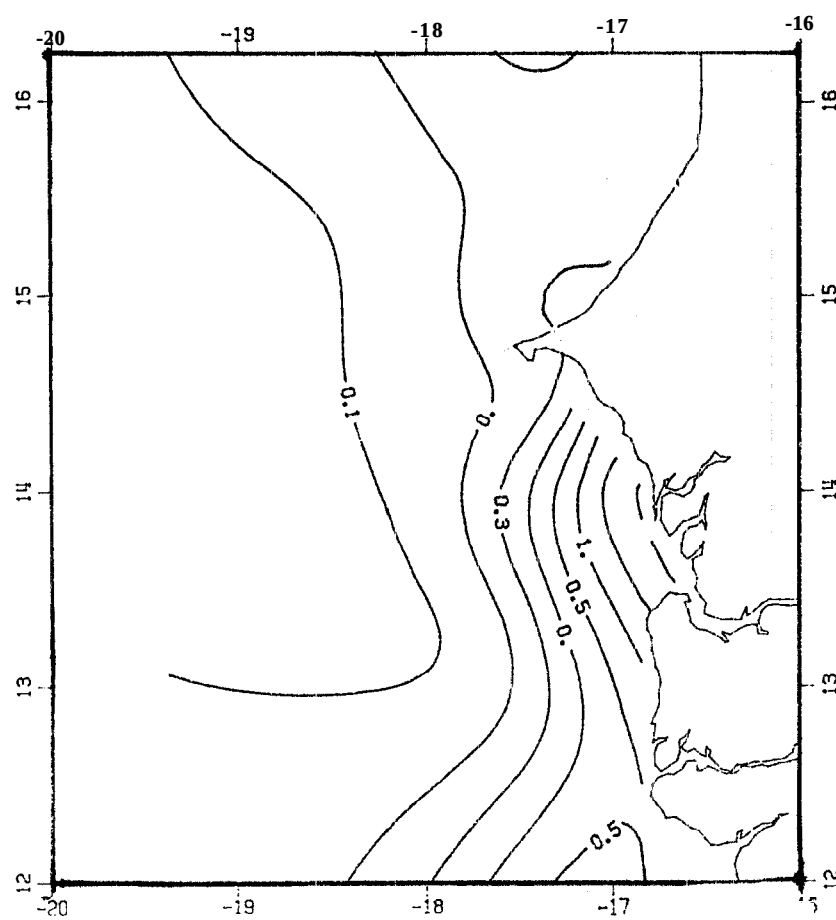
CAMPAGNE 8719 : CARTE DES TEMPERATURES (°C) EN SURFACE



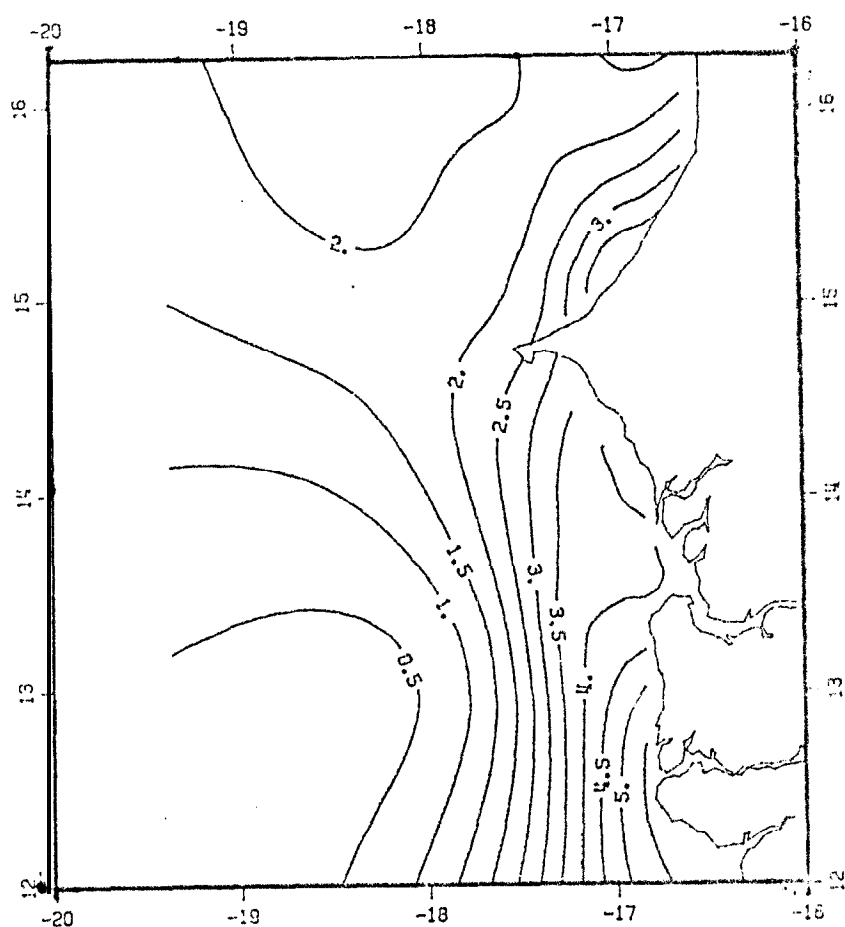
CAMPAGNE 8719 : CARTE DES NITRATES (en $\mu\text{atg/l}$) EN SURFACE



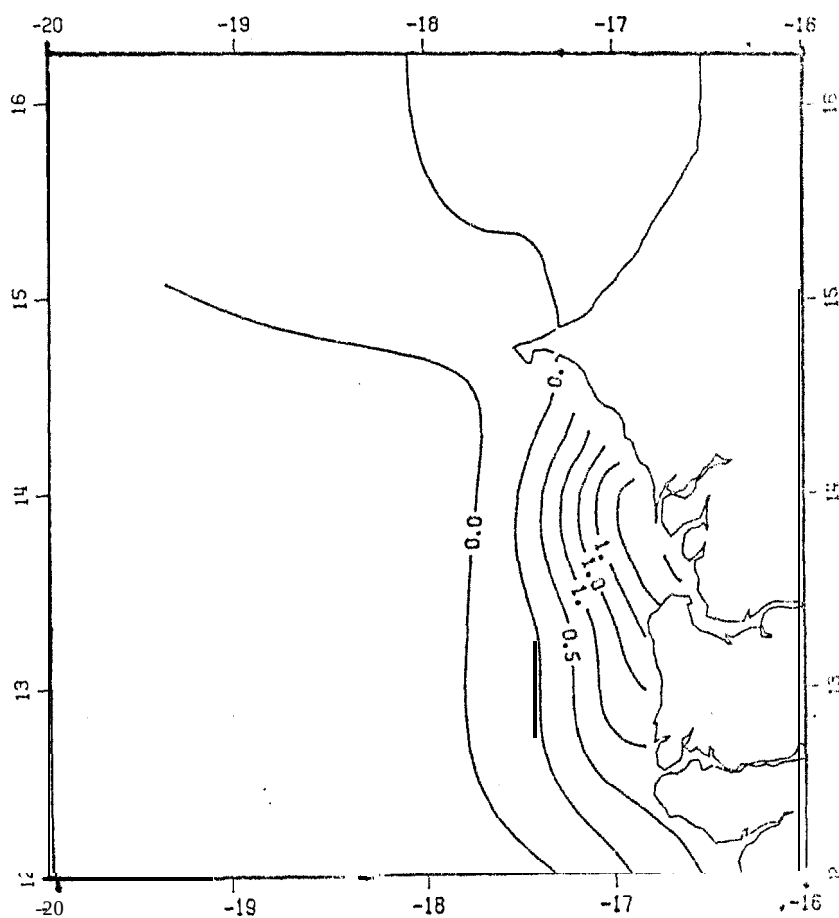
CAMPAGNE 8719 : CARTE DES **NITRITES** (en $\mu\text{atg/l}$) EN SURFACE



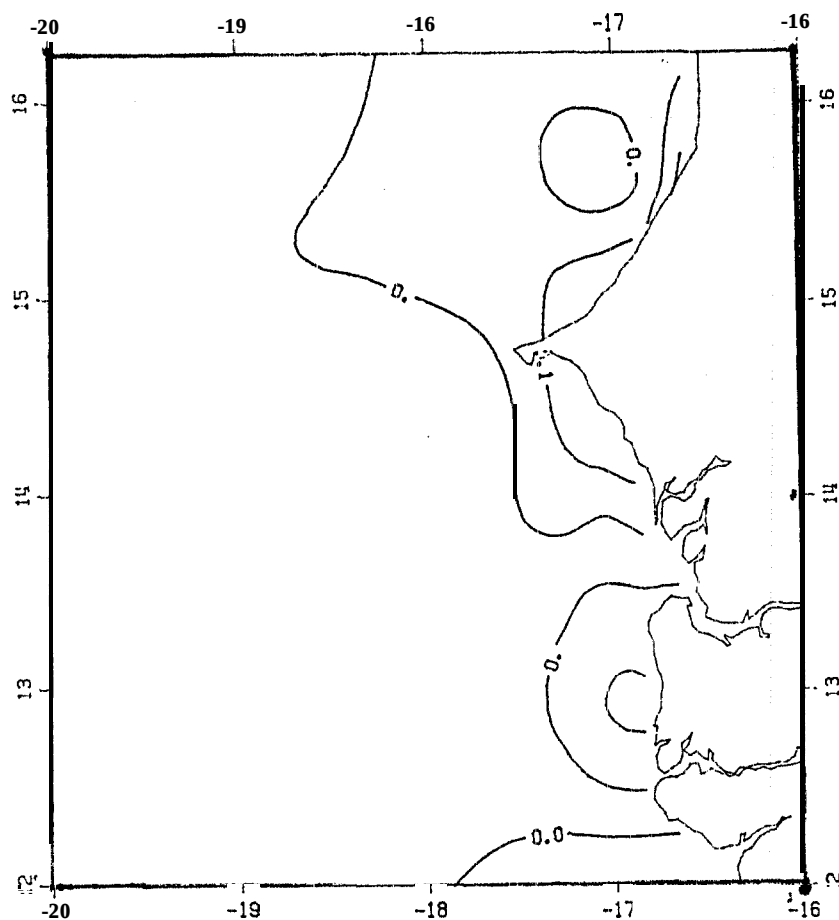
CAMPAGNE 8719 : CARTE DES **PHOSPHATES** (en $\mu\text{atg/l}$) EN SURFACE



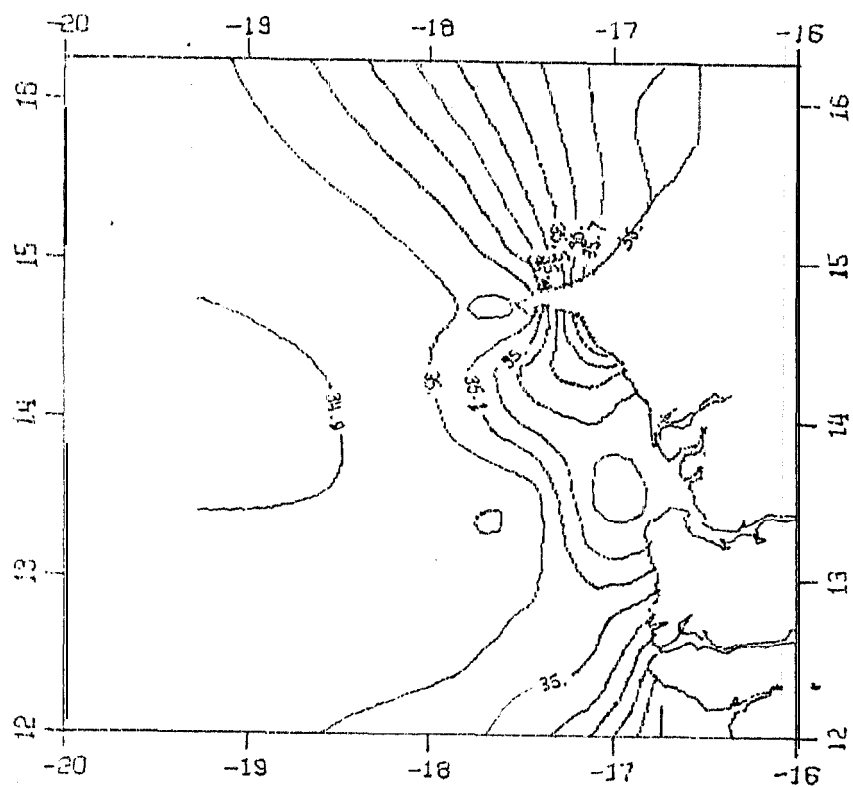
CAMPAGNE 8719 : CARTE DES SILICATES (en $\mu\text{atg/l}$) EN SURFACE



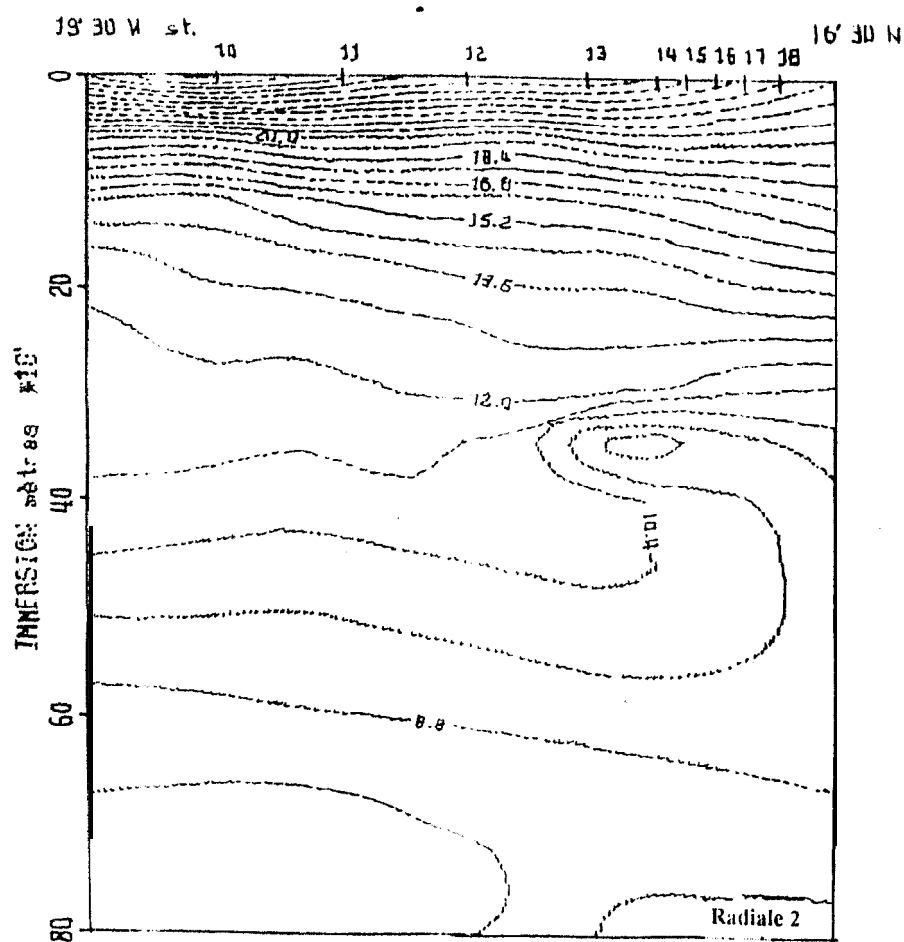
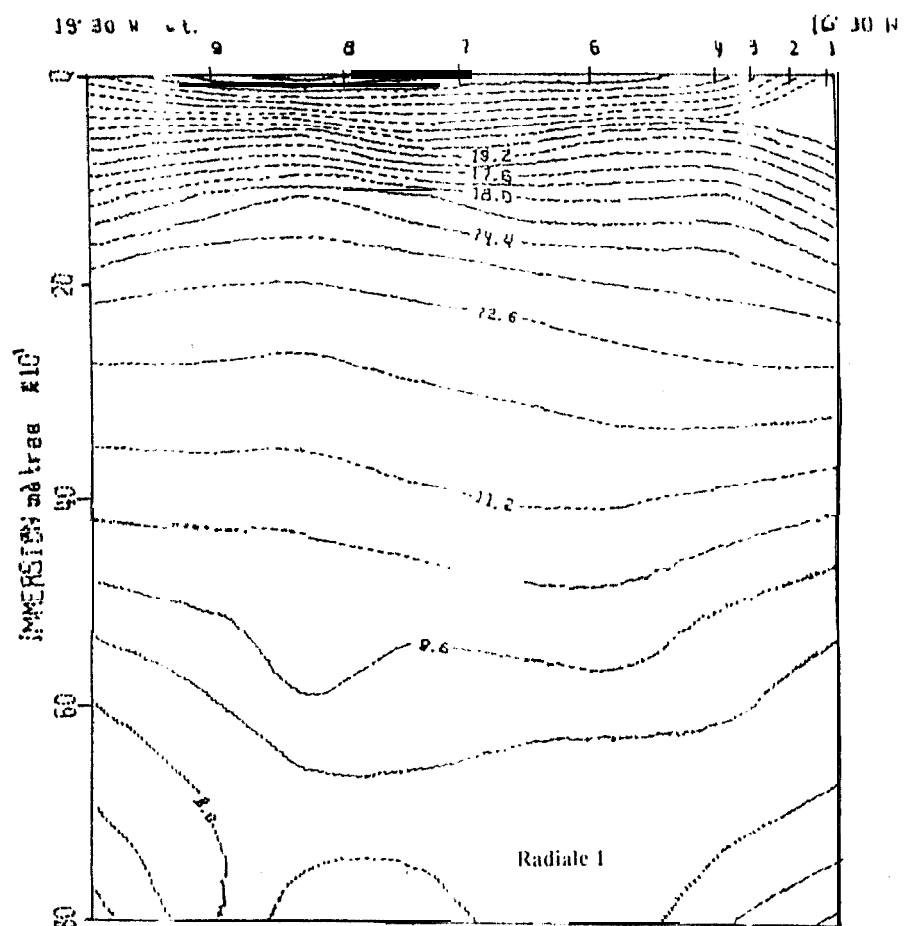
CAMPAGNE 8719 : CARTE DES CHLOROPHYLLES (en $\mu\text{g/l}$) EN SURFACE



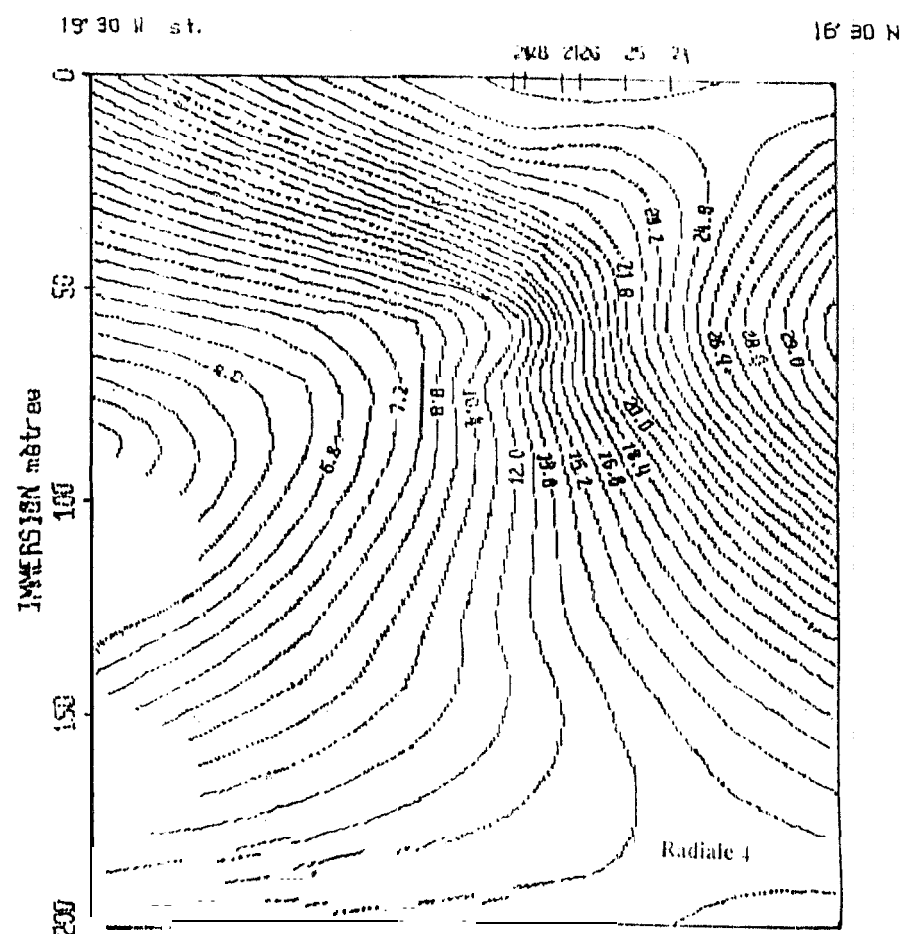
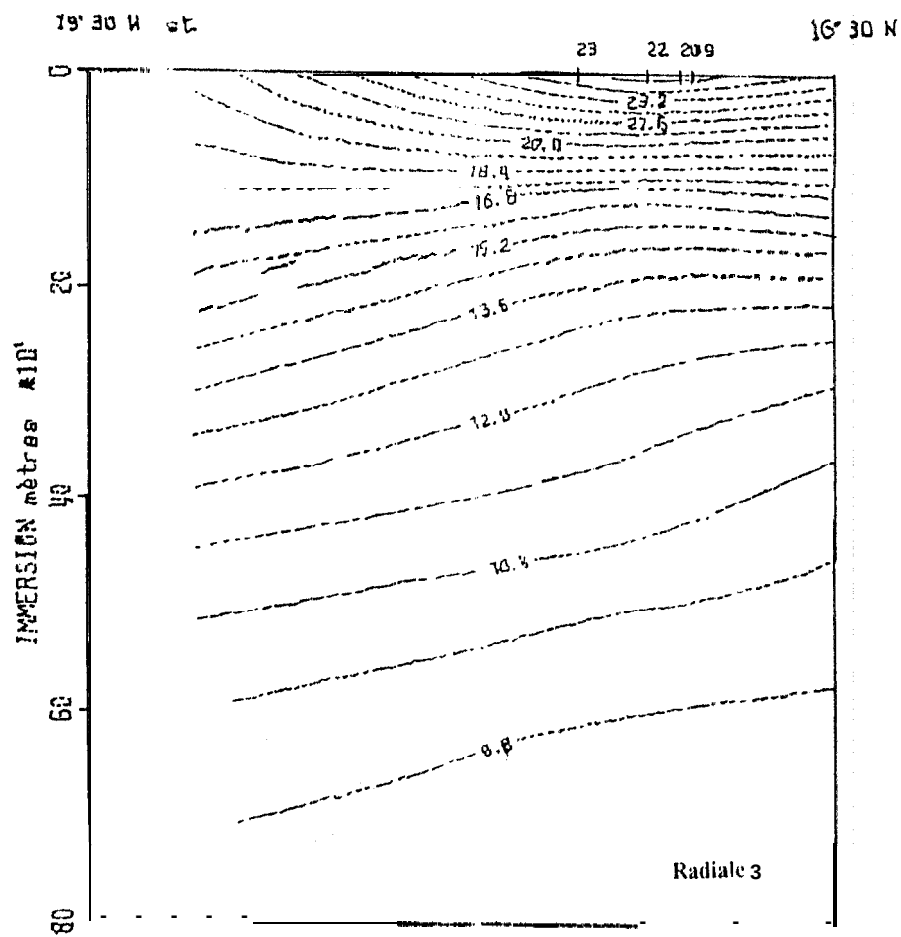
CAMPAGNE 8719 : CARTE DES PHEOPIGMENTS (en $\mu\text{g/l}$) EN SURFACE

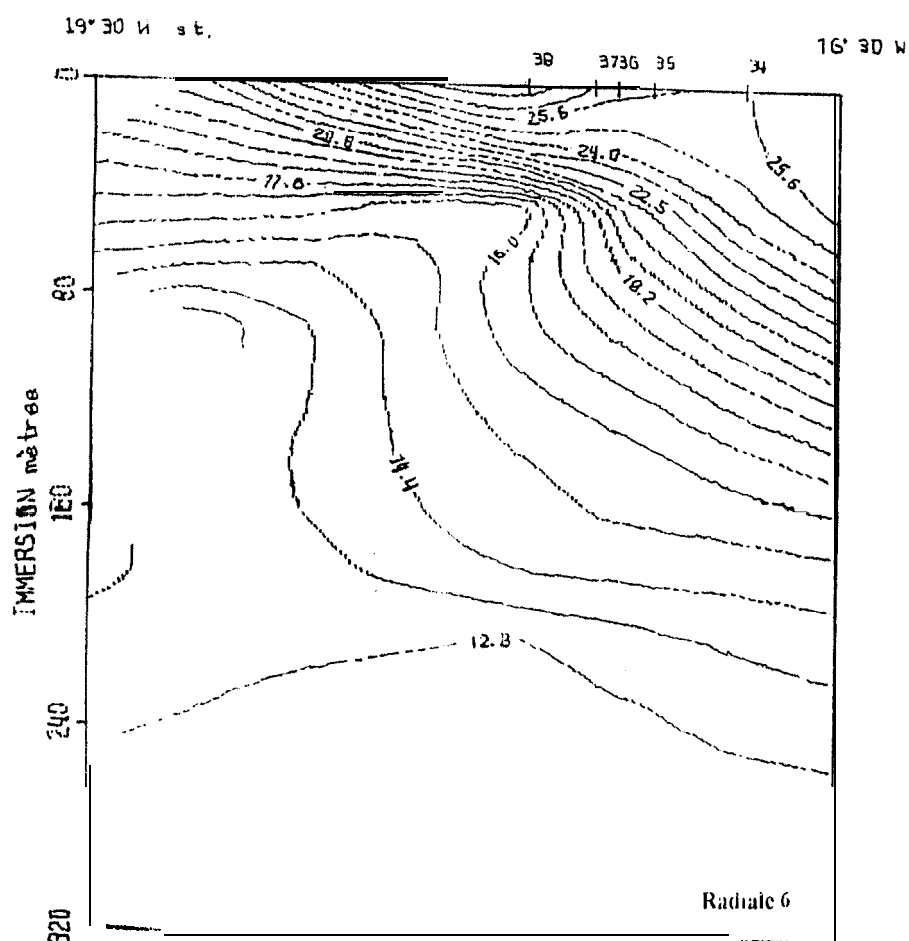
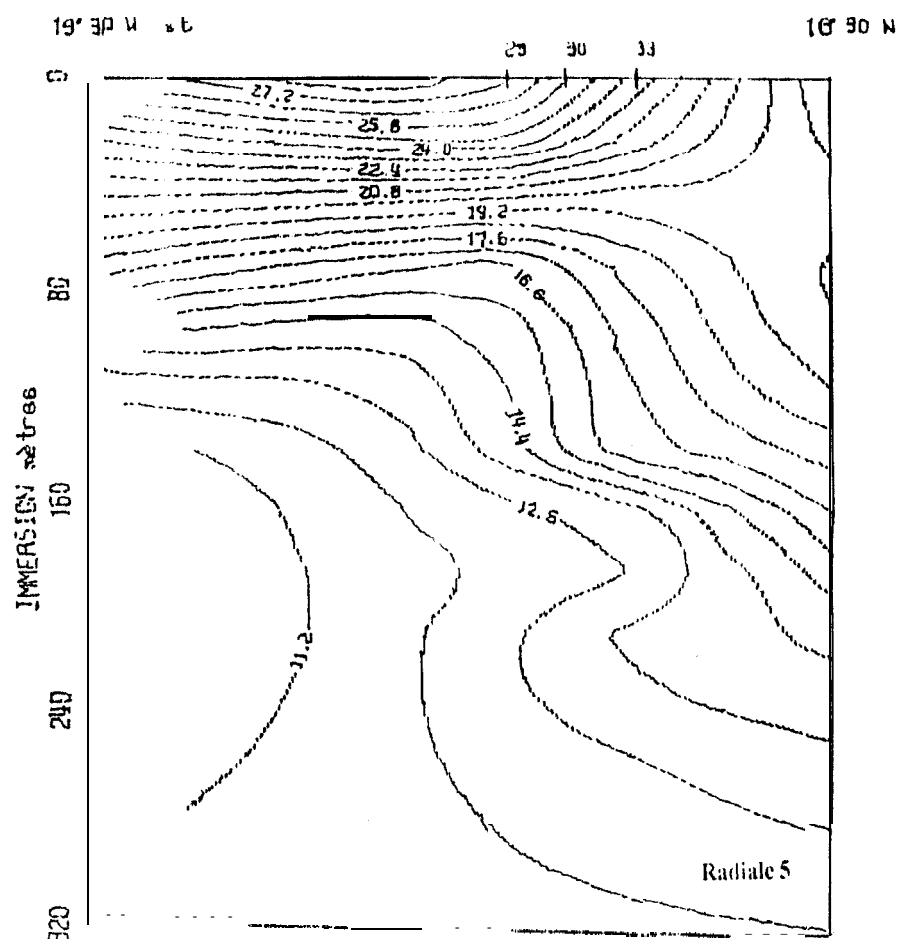


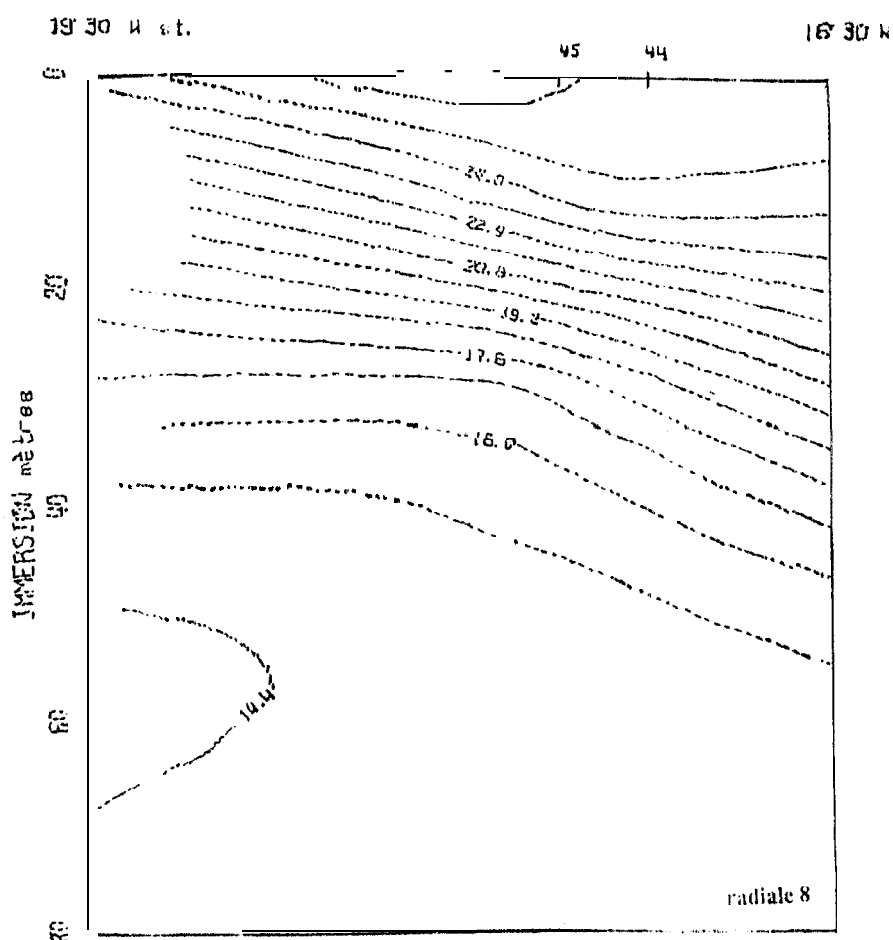
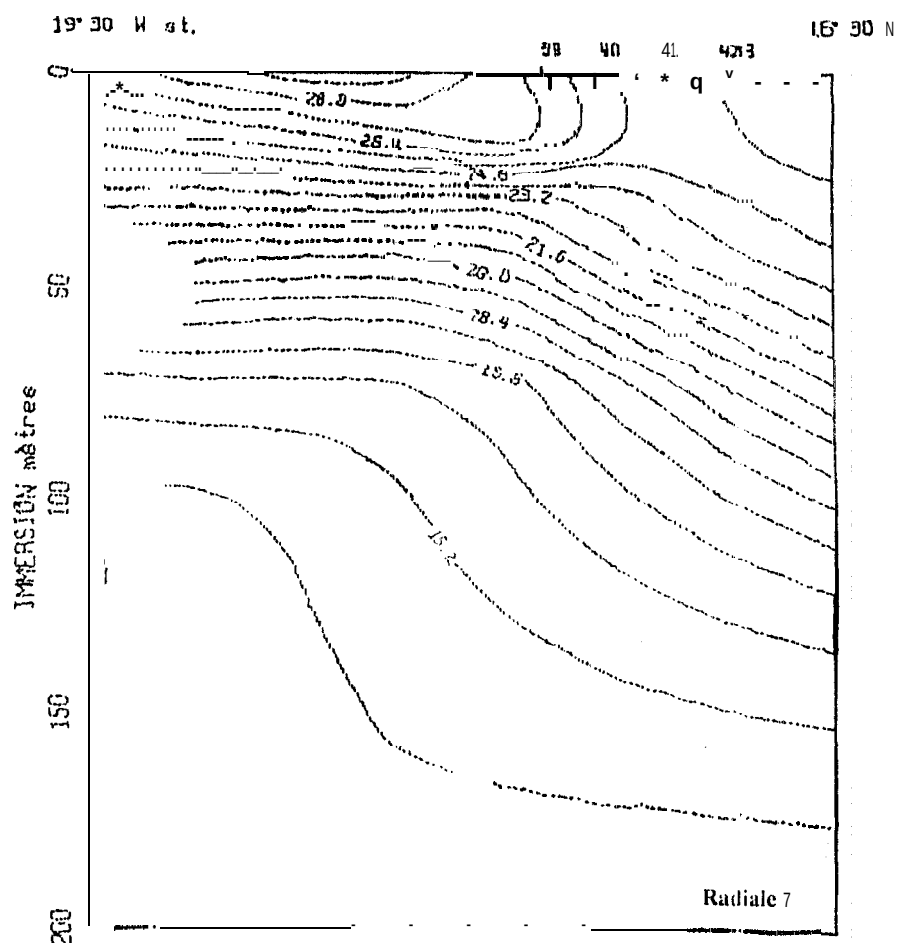
CAMPAGNE 8719 : CARTE DES SALINITES (en ‰) EN SURFACE

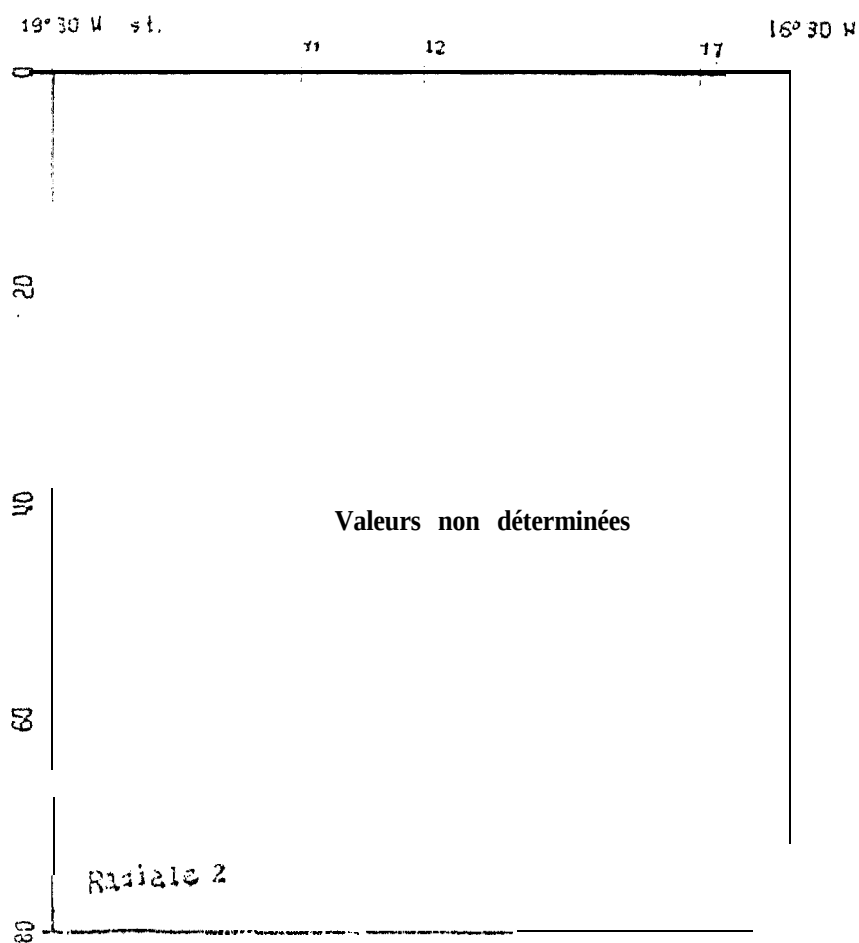
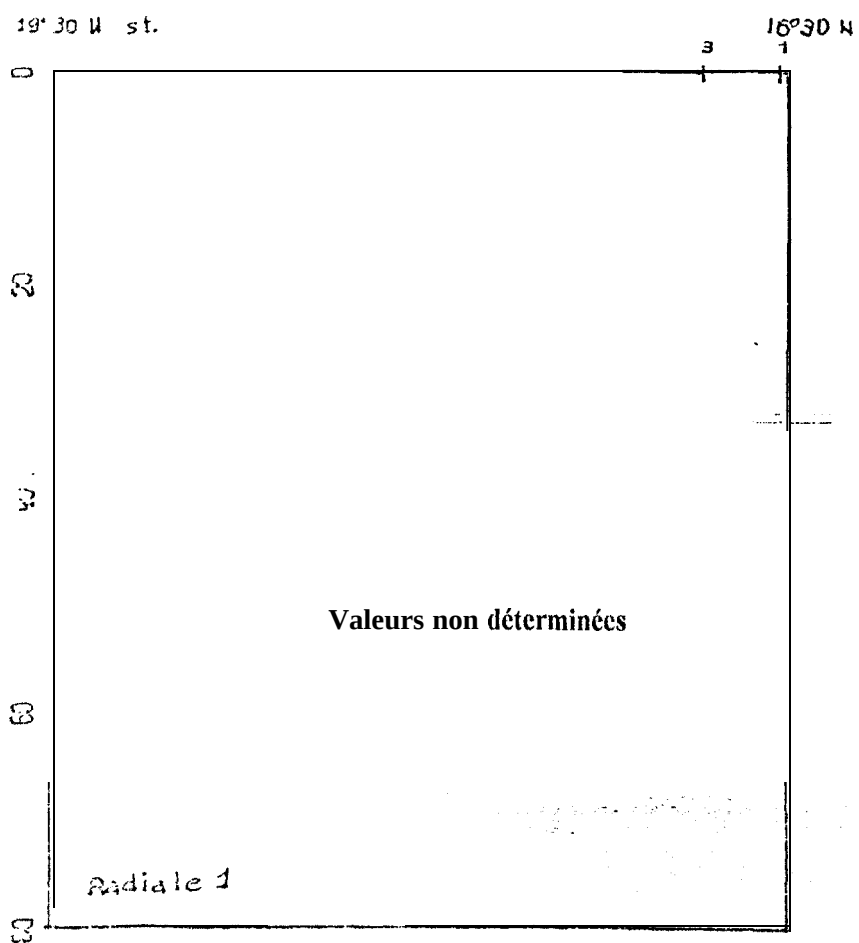


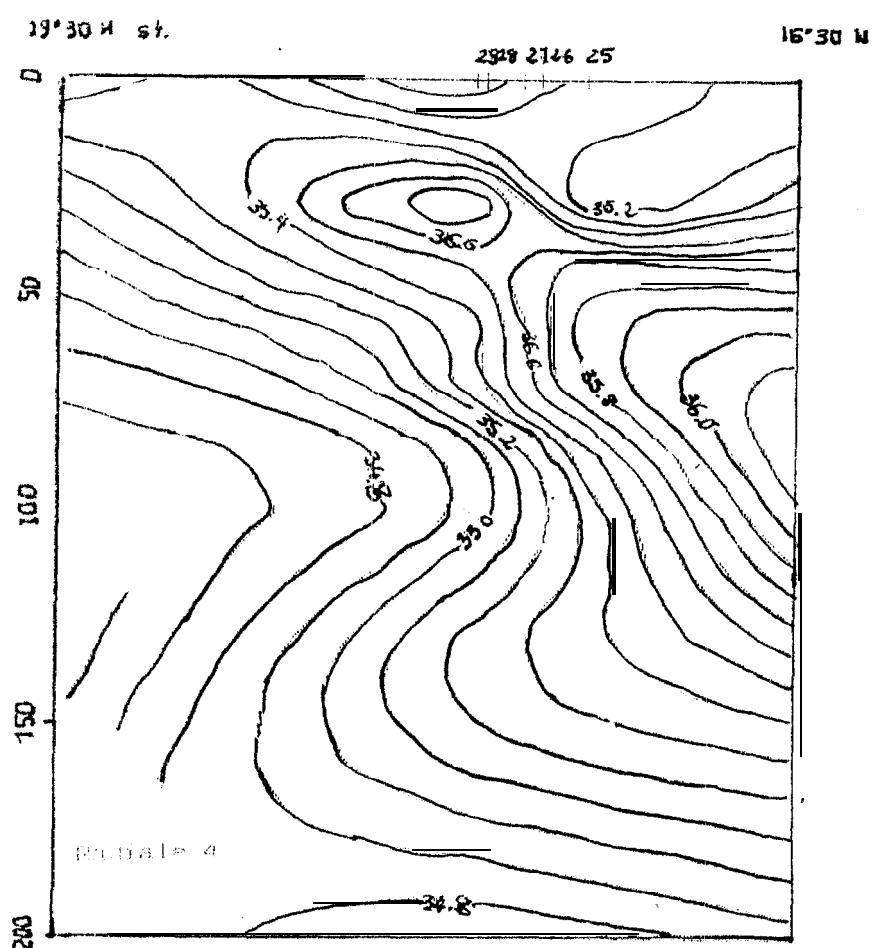
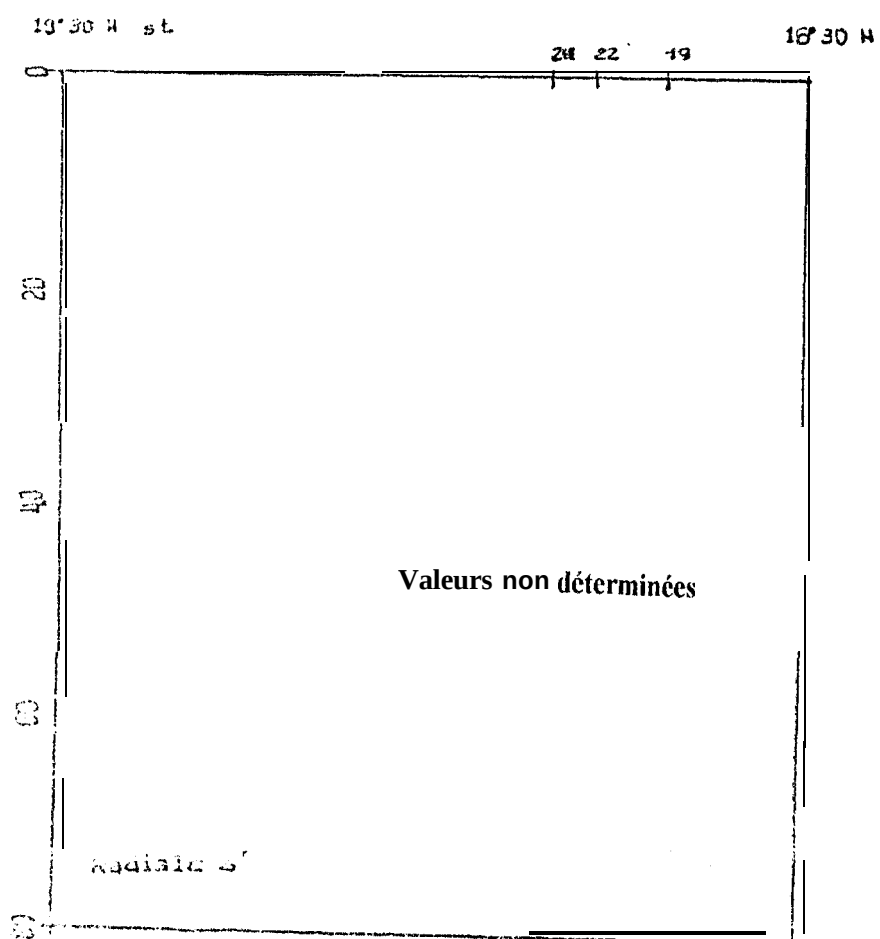
CAMPAGNE 8719 : VARIATION DES TEMPERATURES (en °C) EN FONCTION DE LA PROFONDEUR

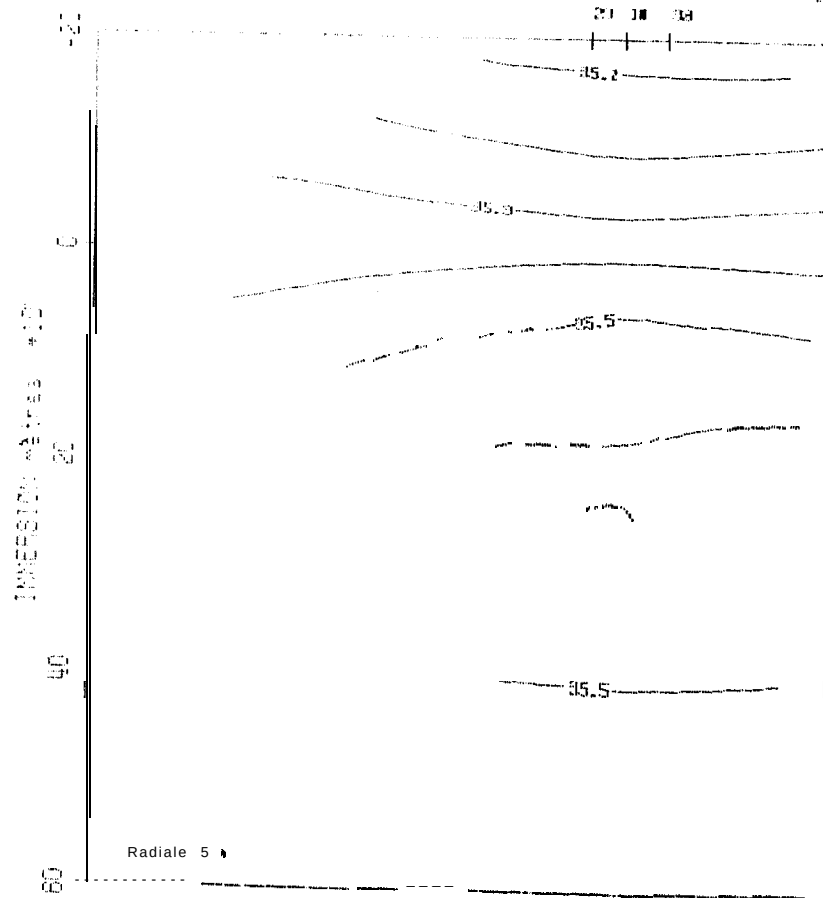






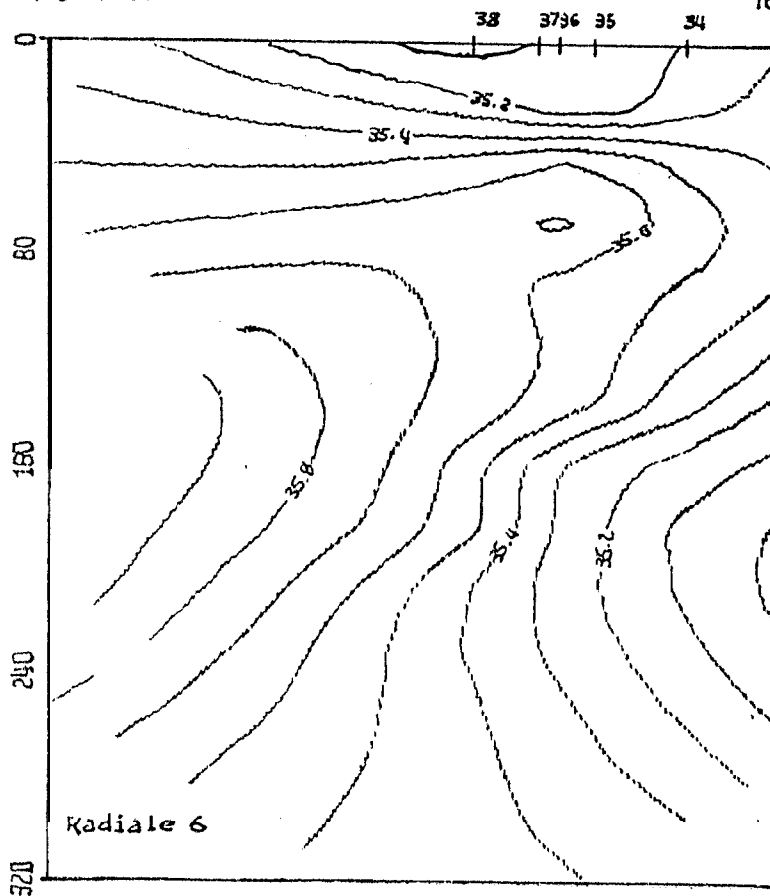






19° 30' N st.

16° 30' W

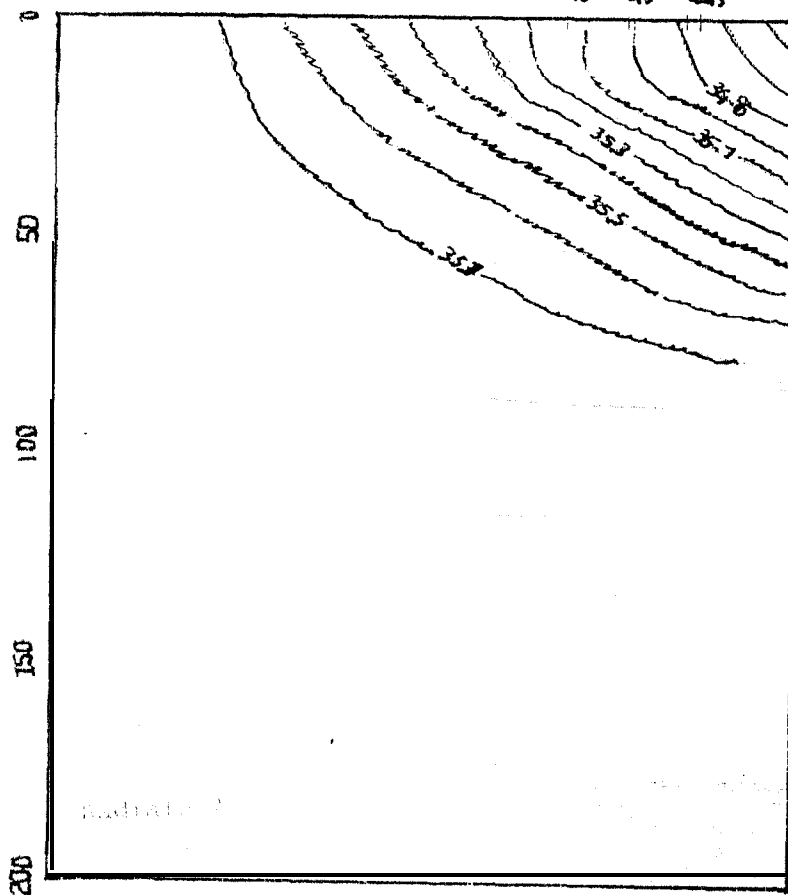


19°30 N st.

40 41 42 43

16°30 N

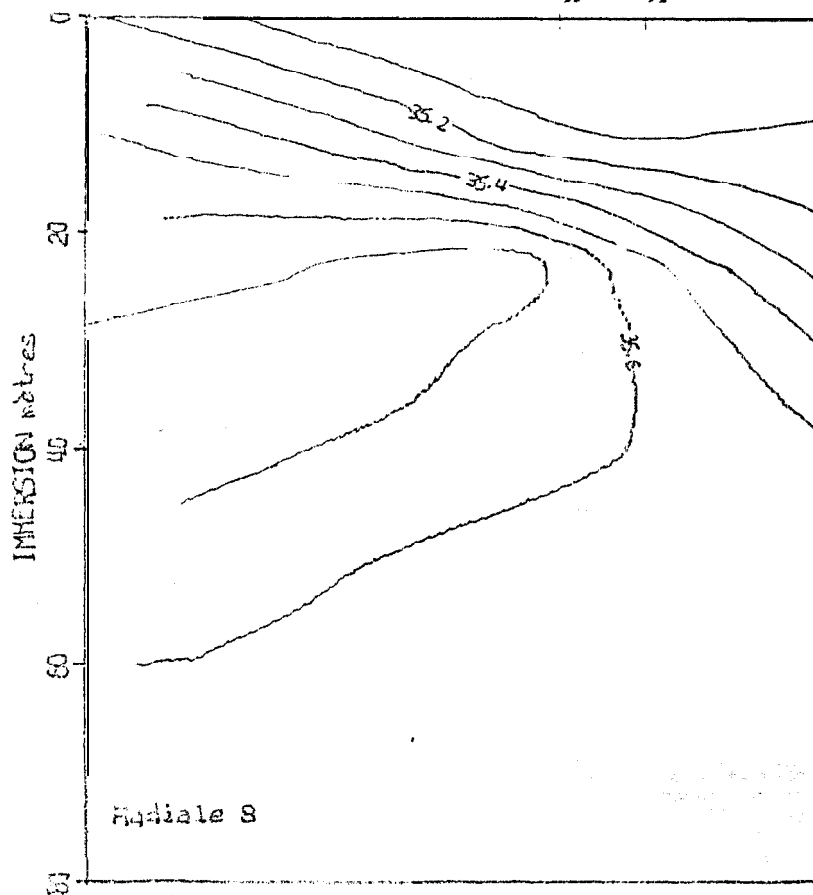
158

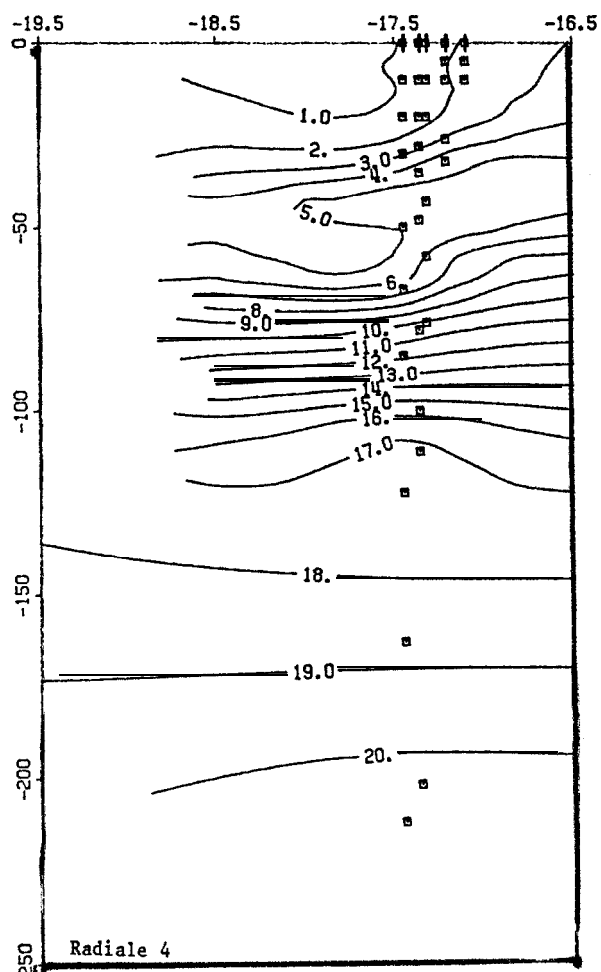
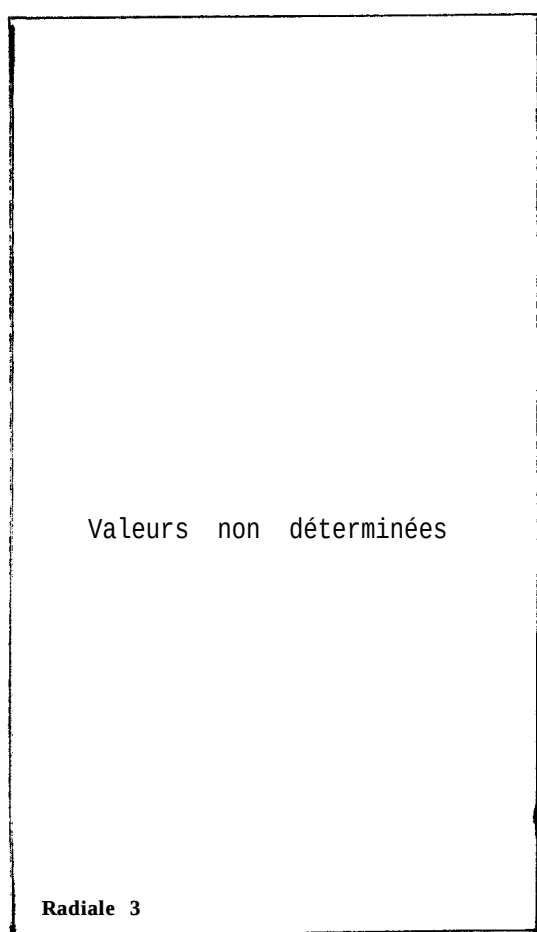
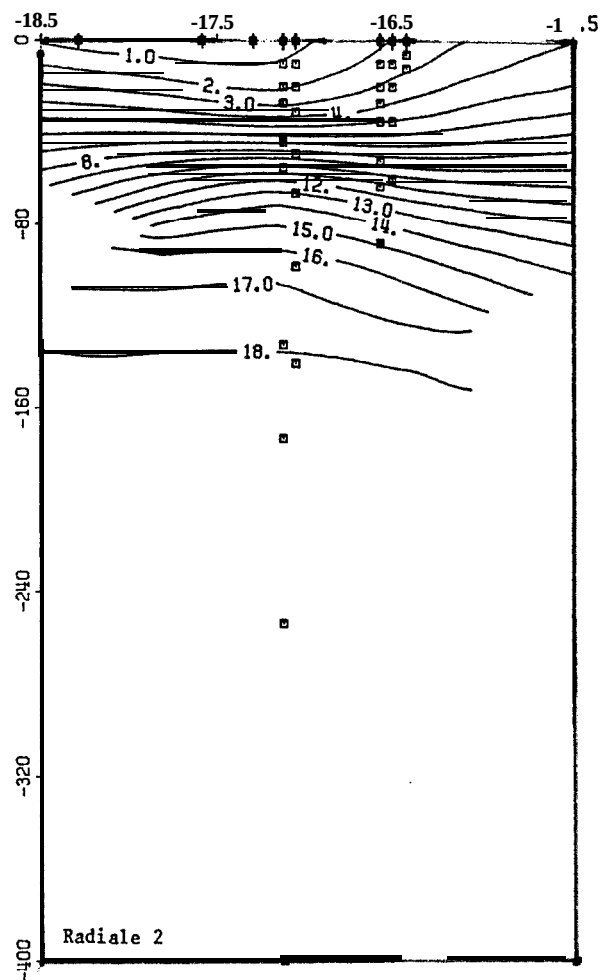
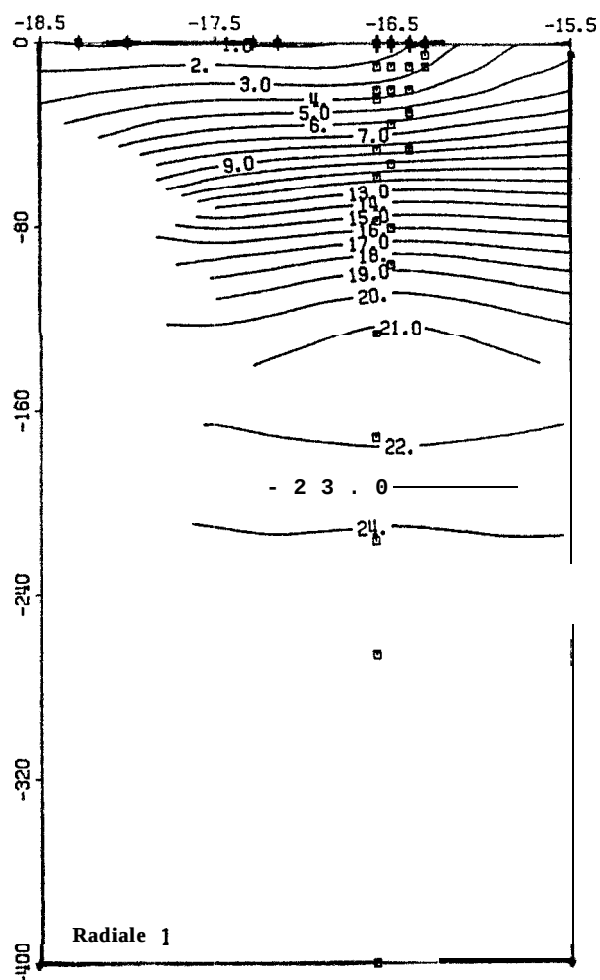


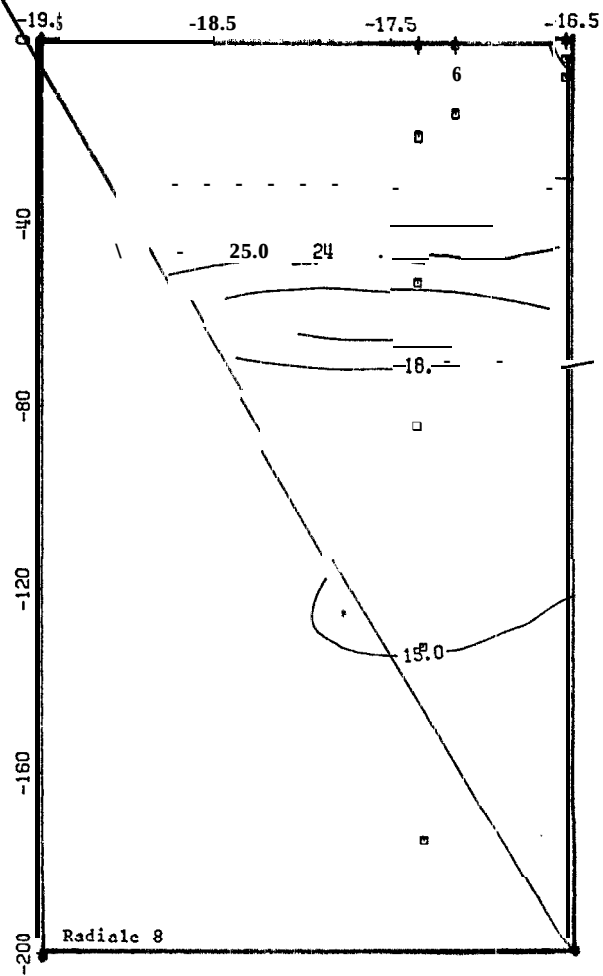
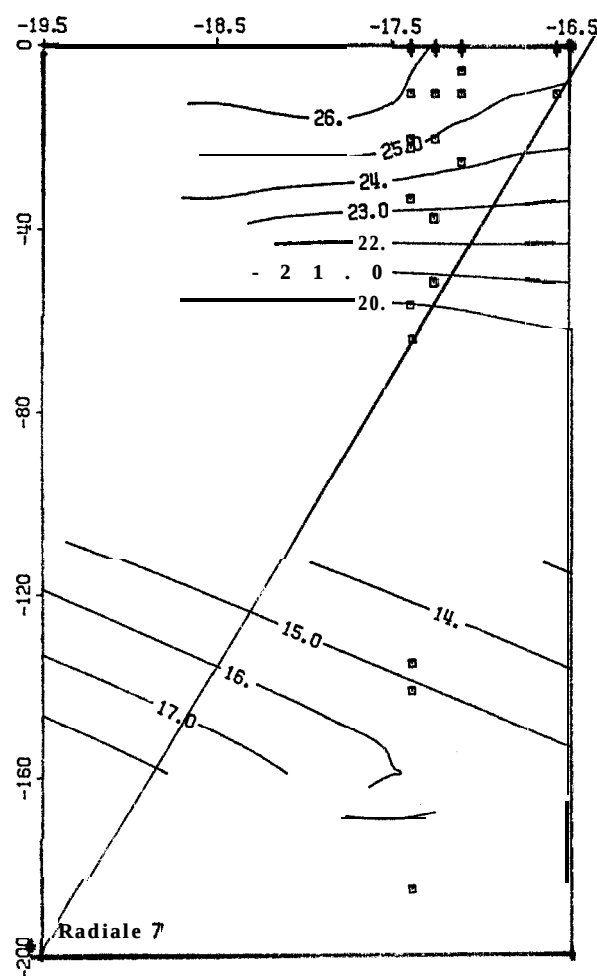
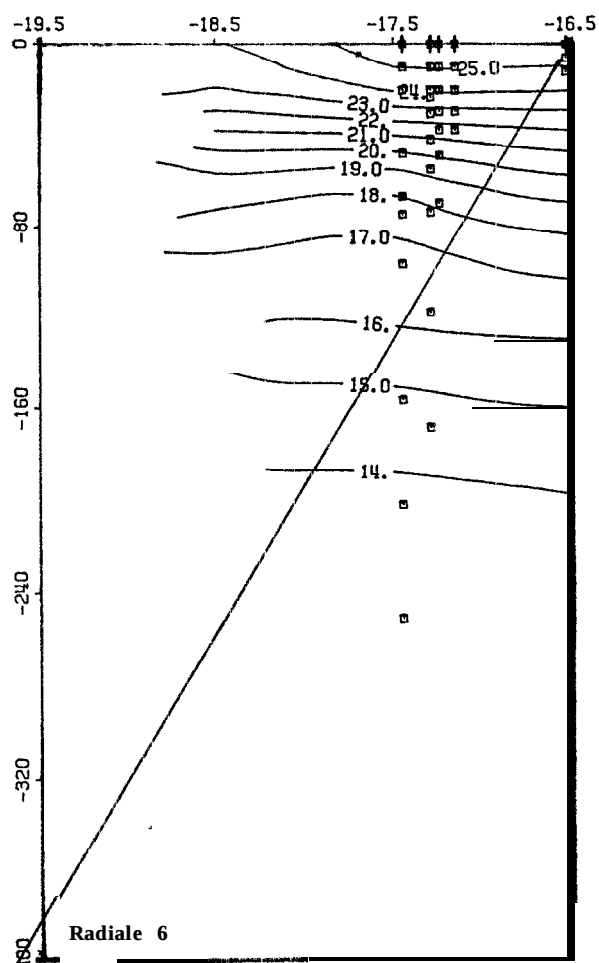
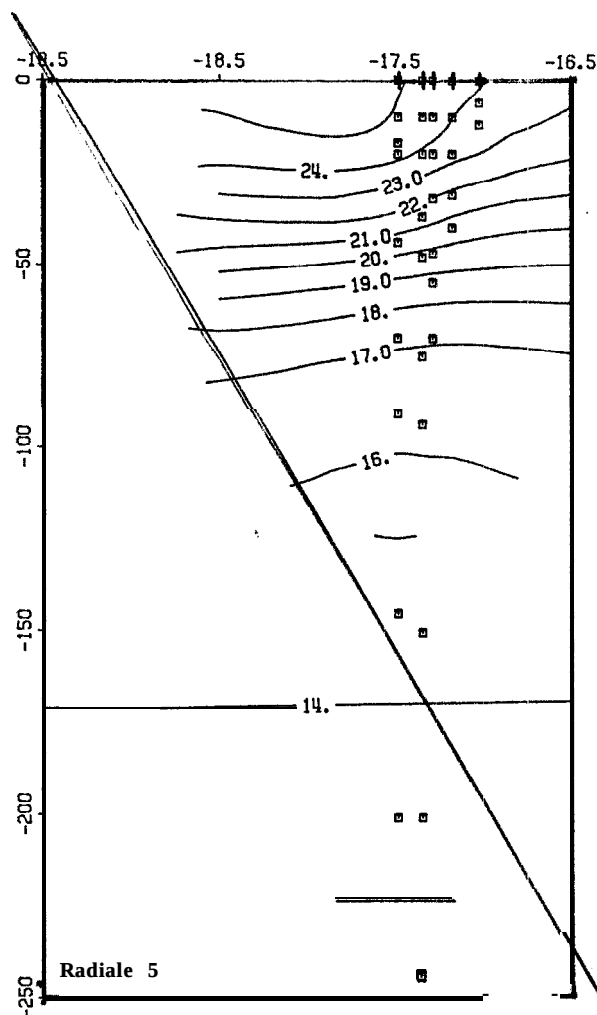
19°30 N st.

45 44

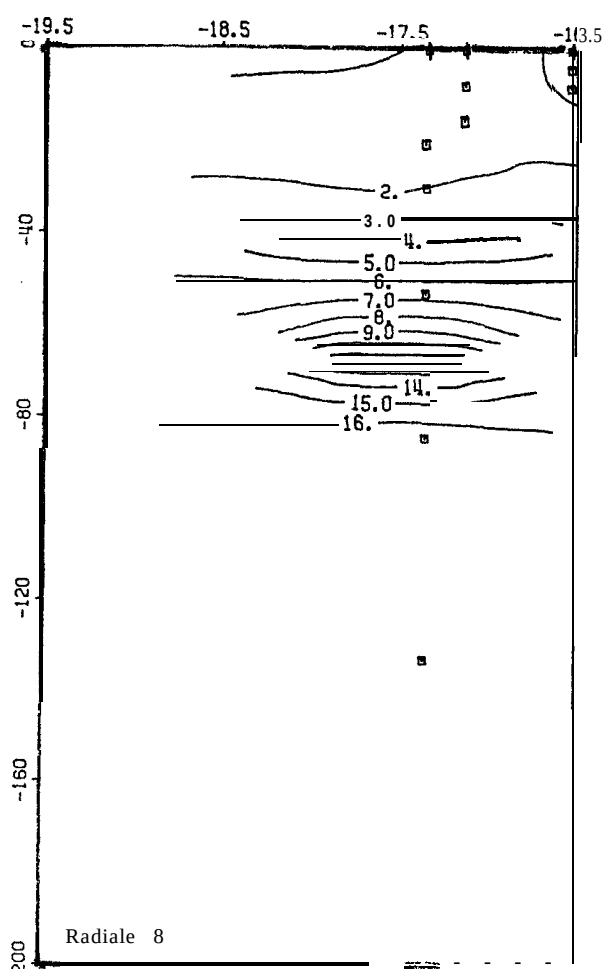
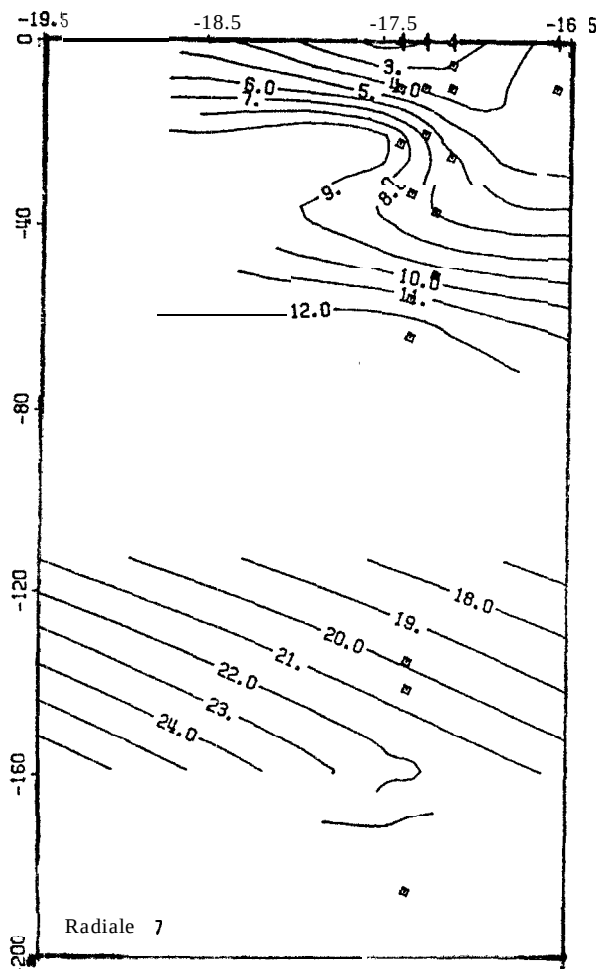
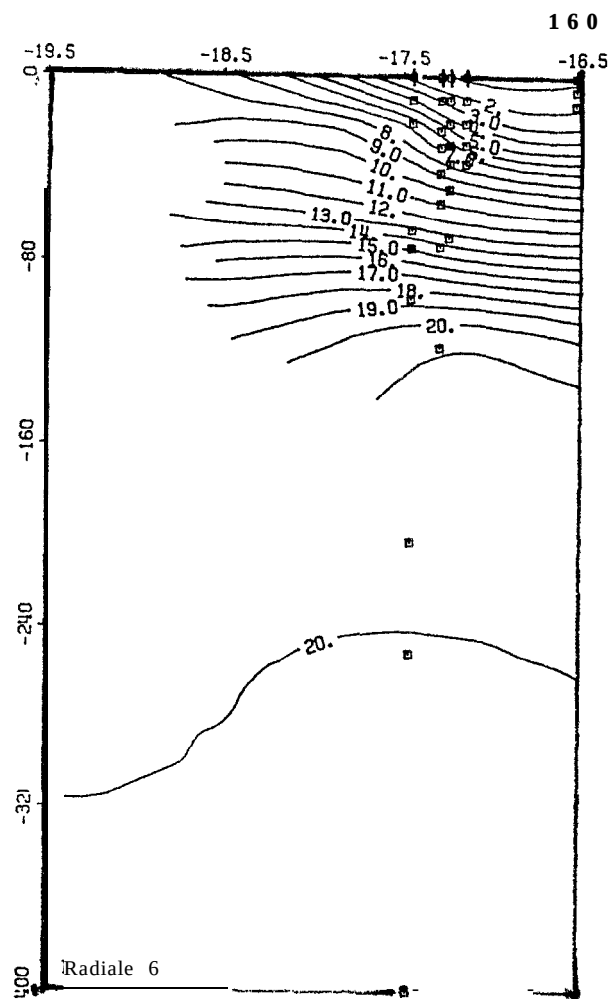
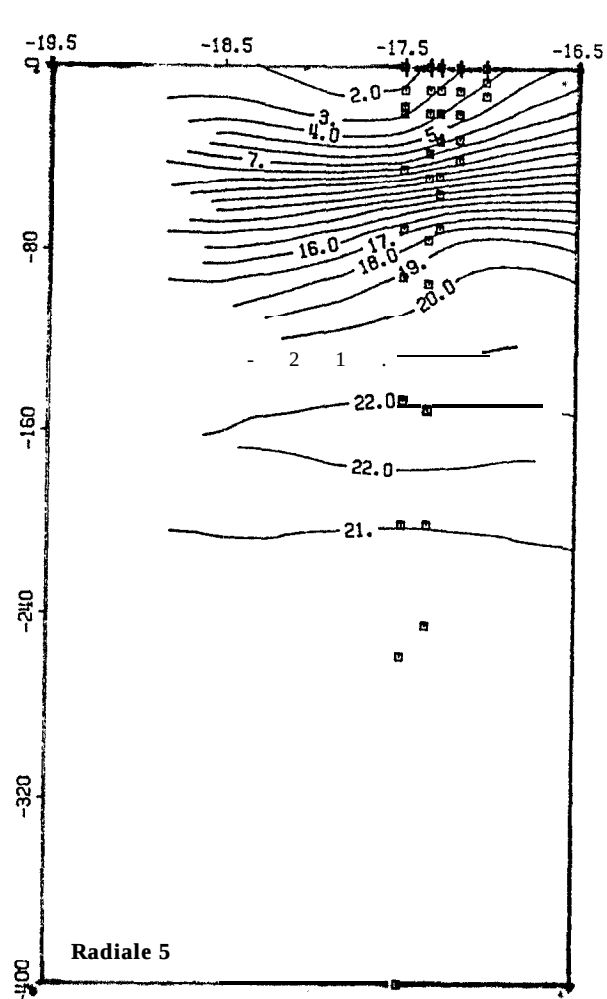
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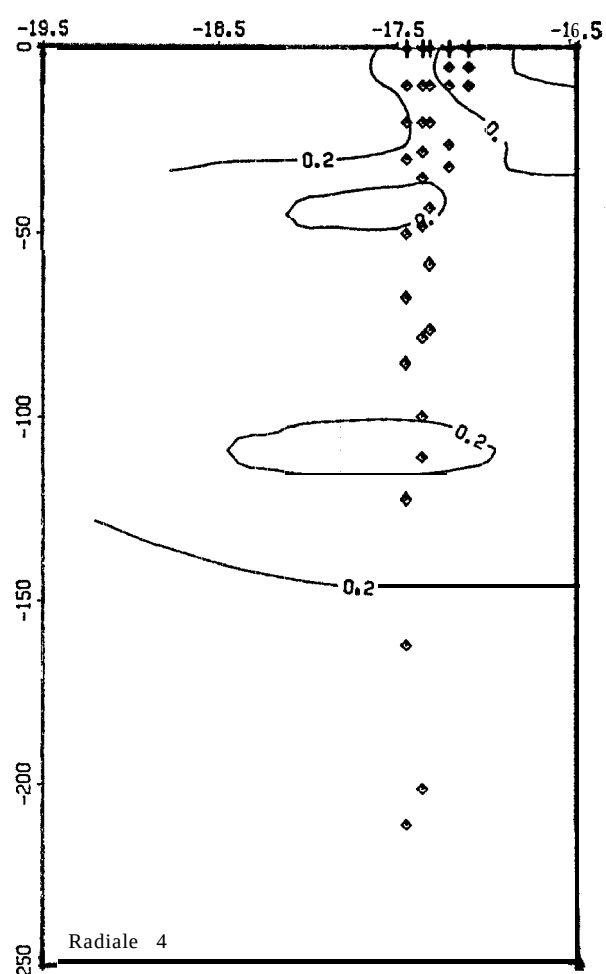
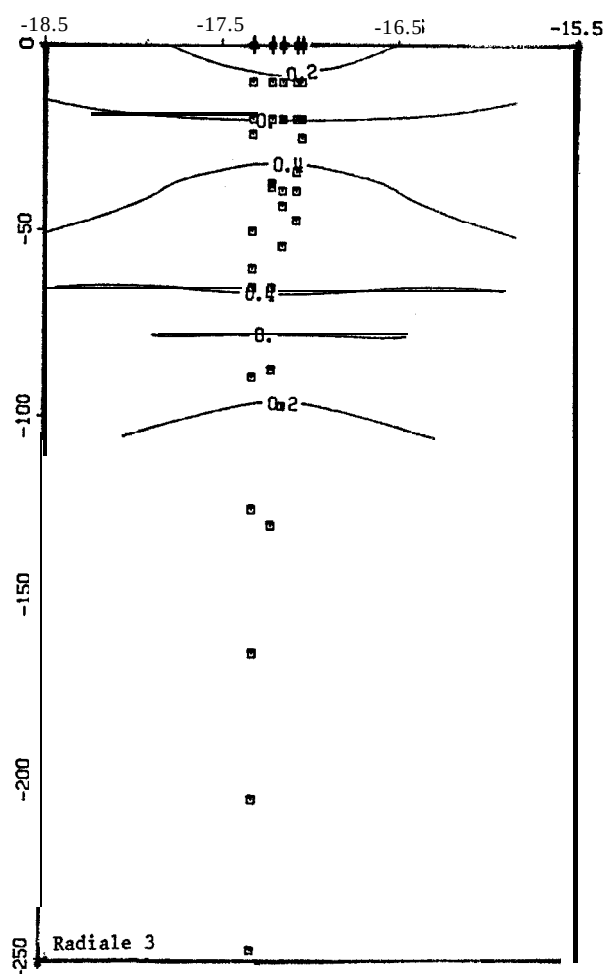
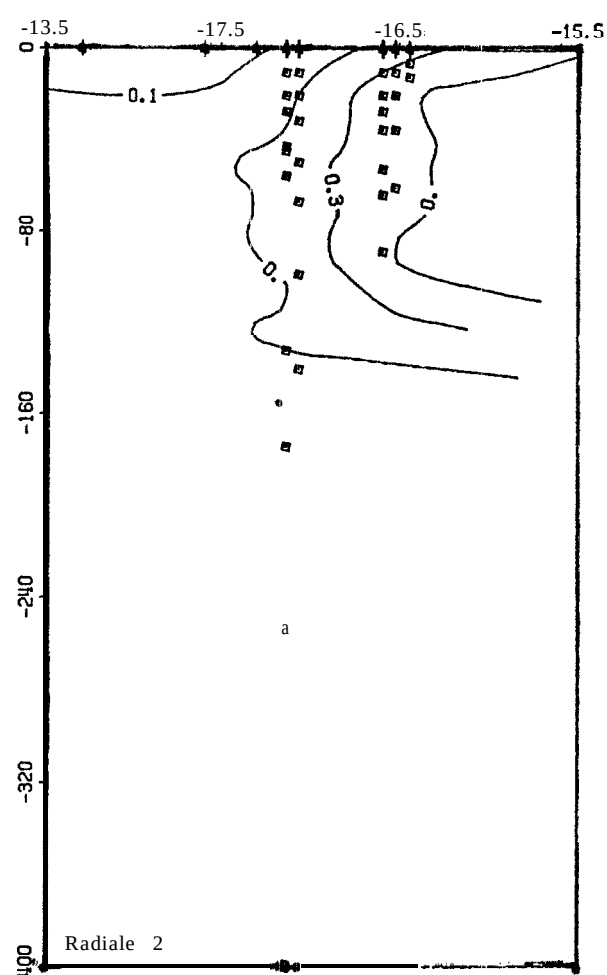
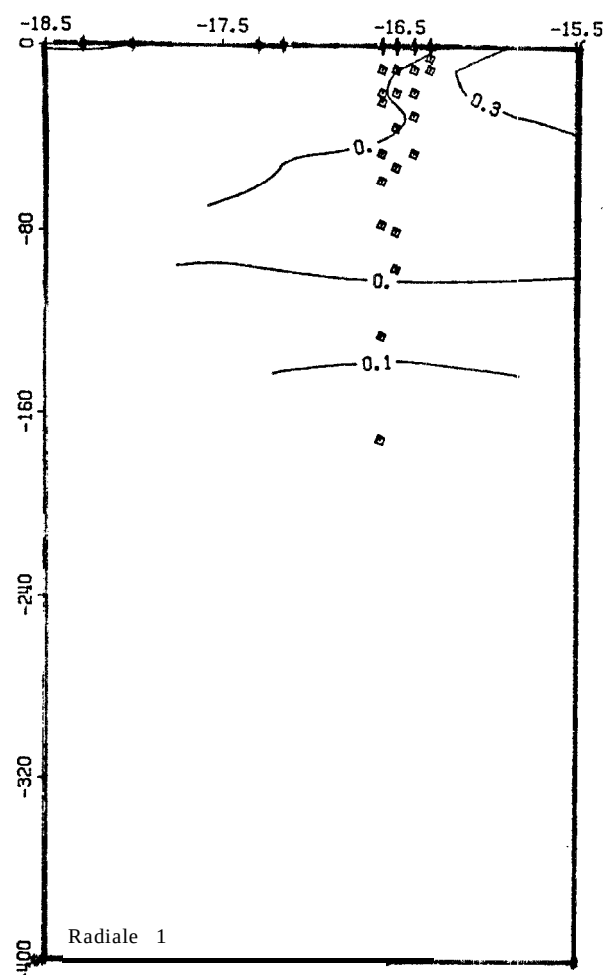


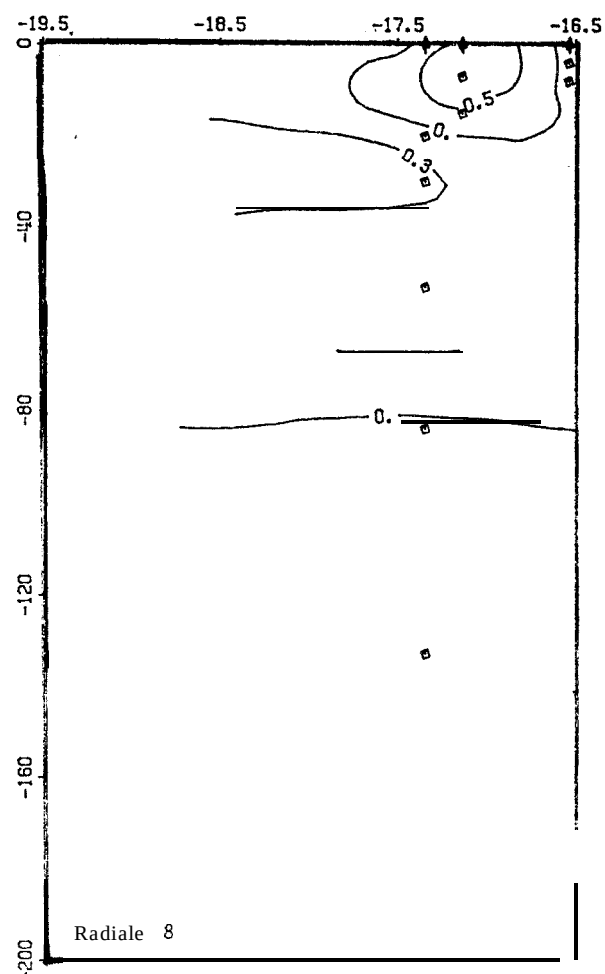
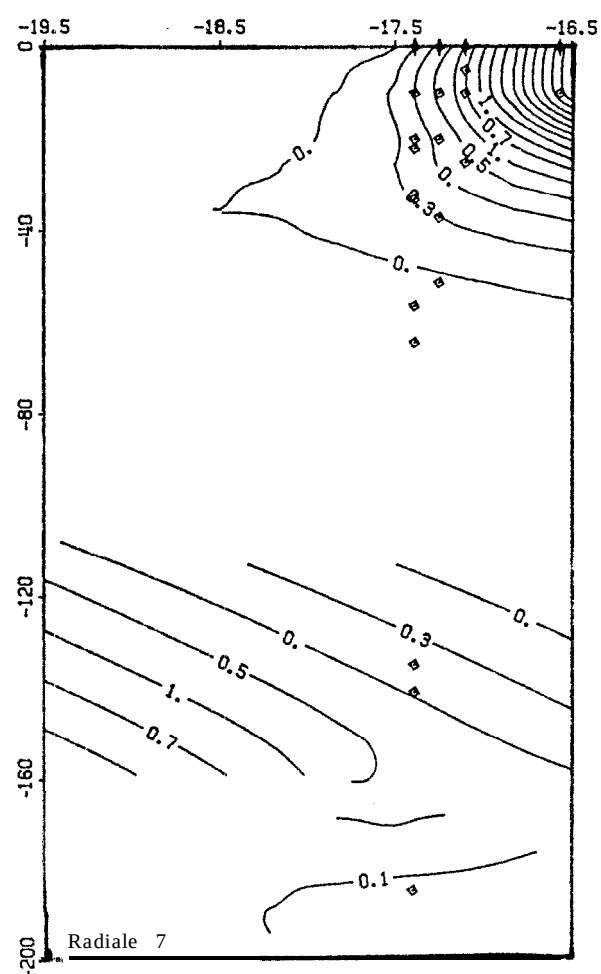
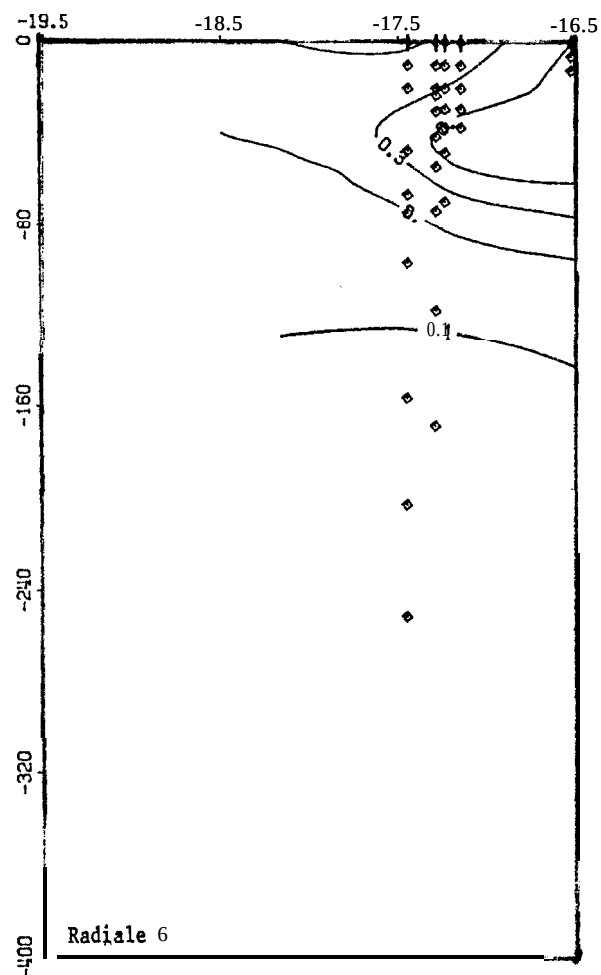
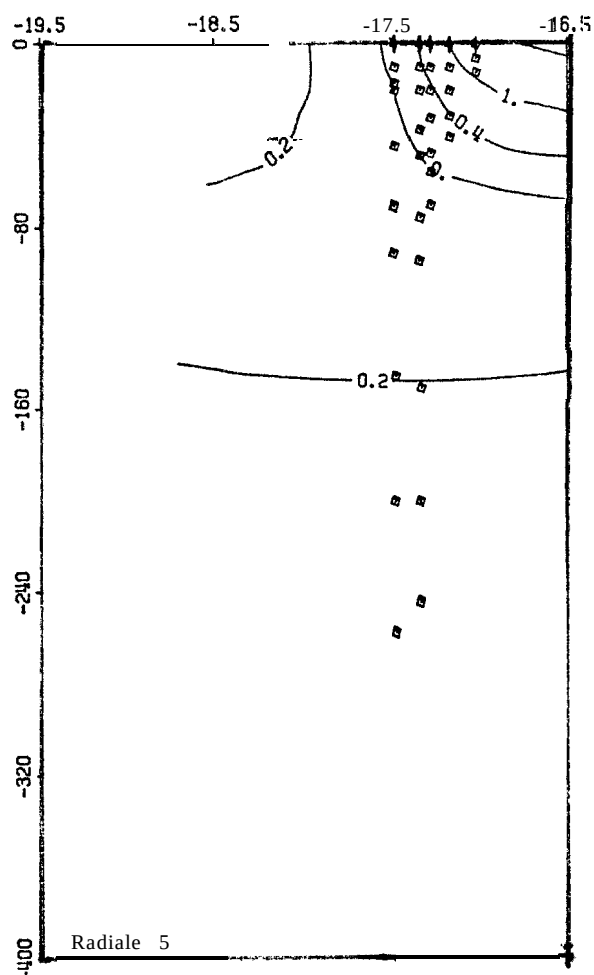


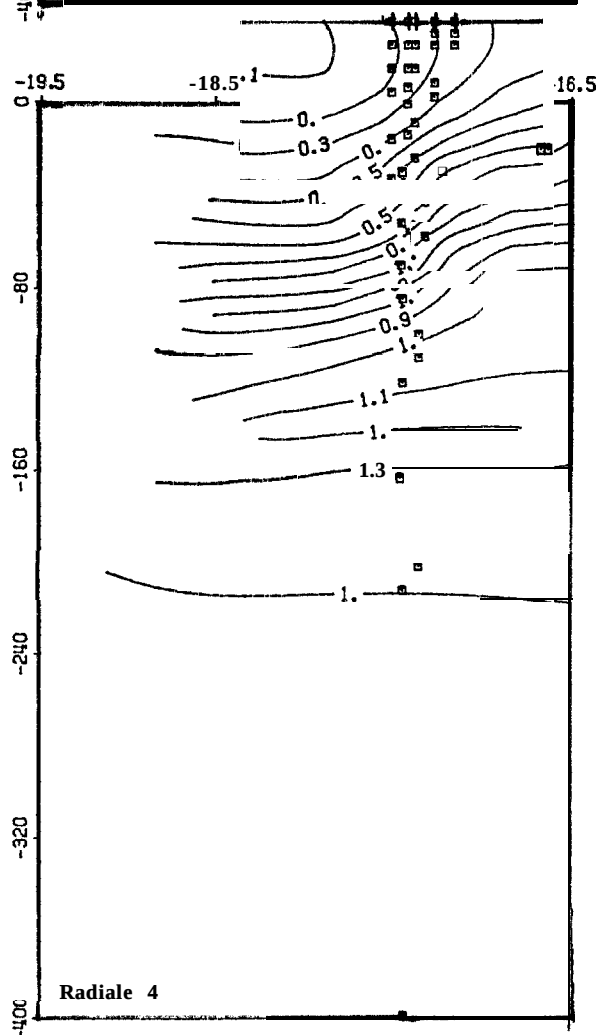
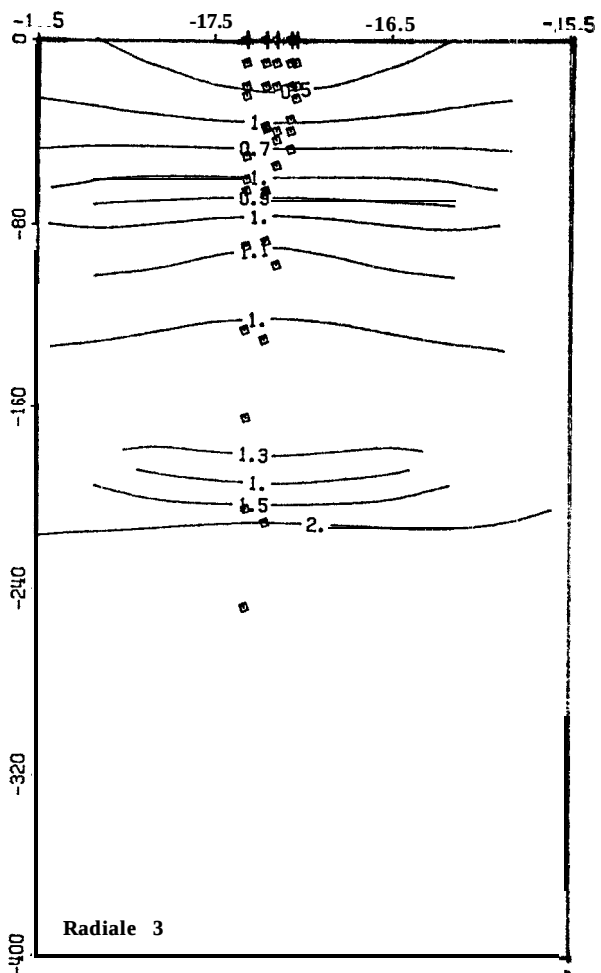
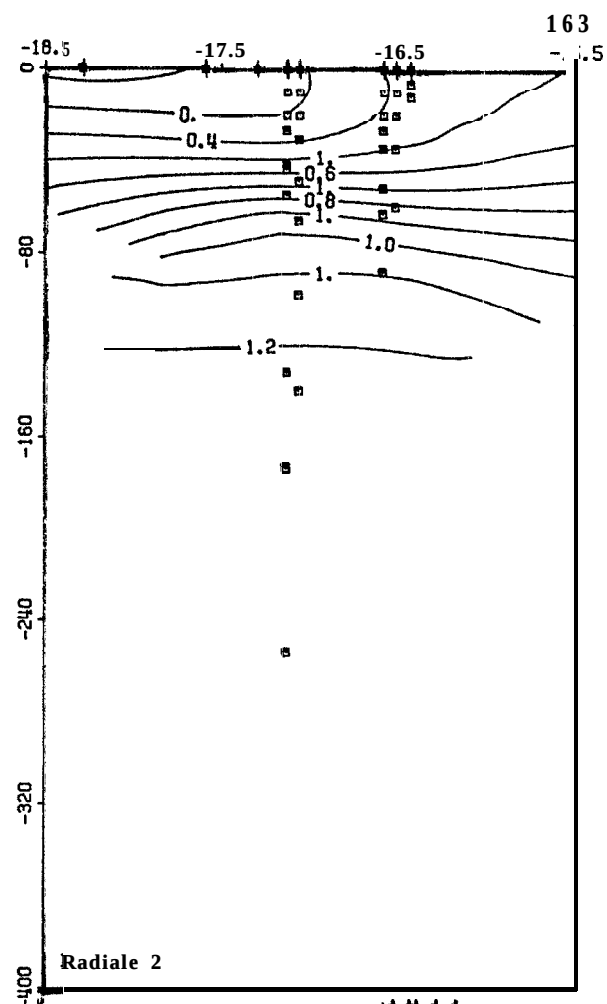
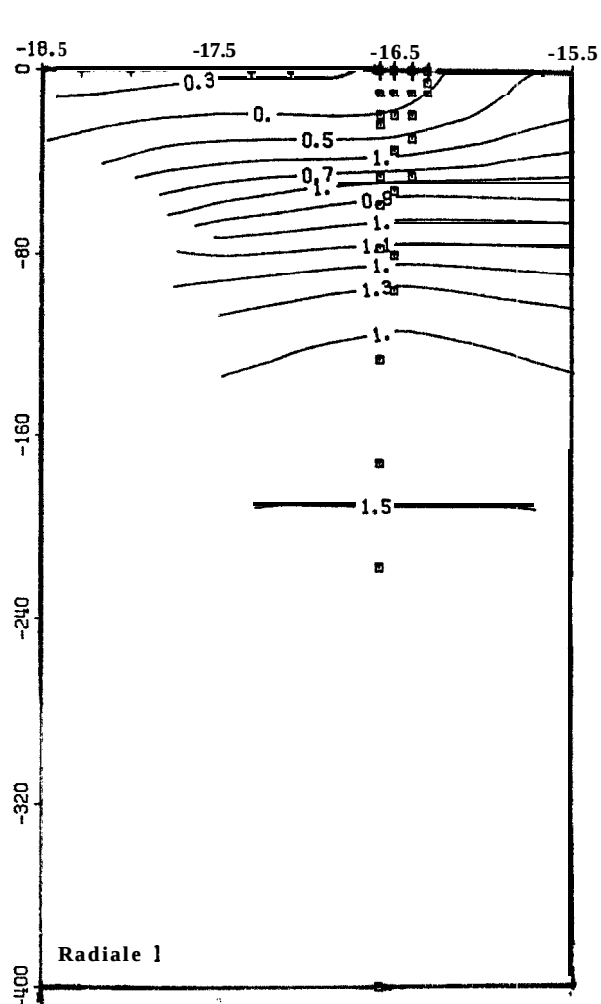


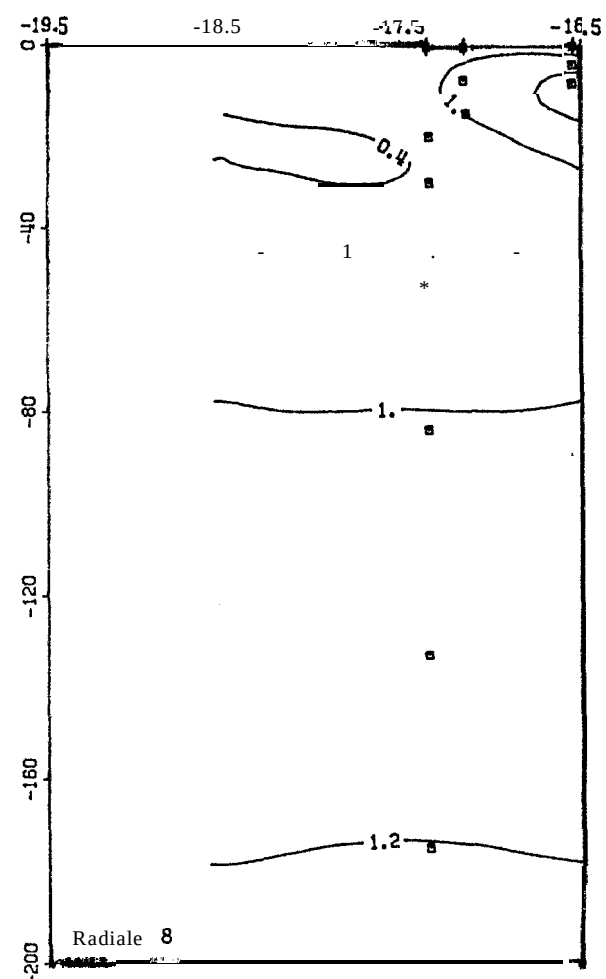
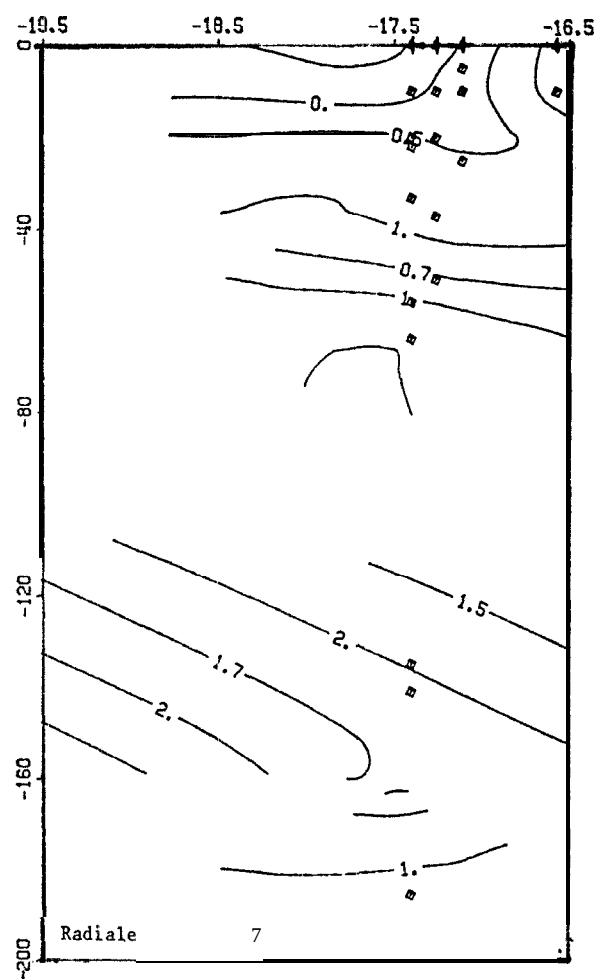
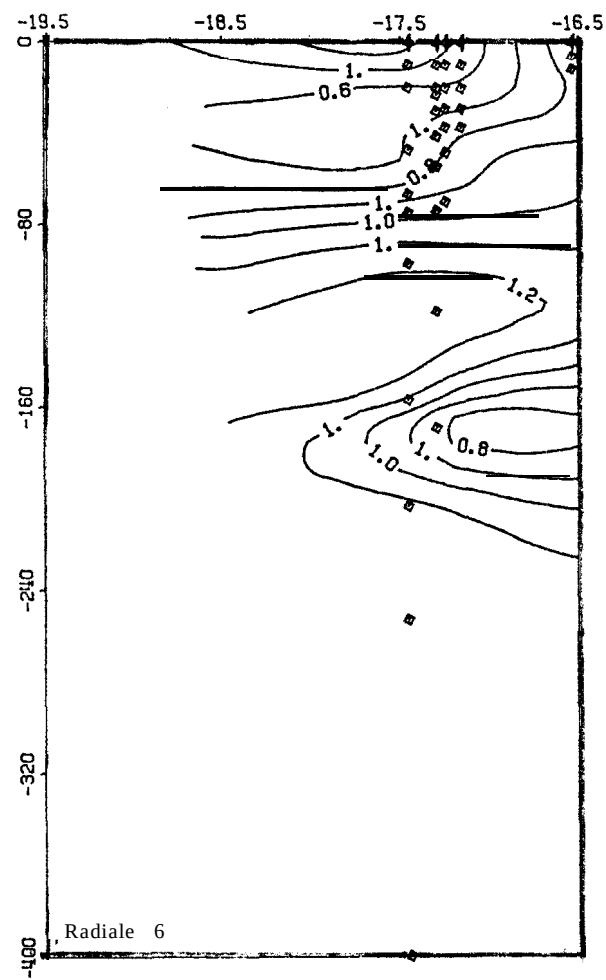
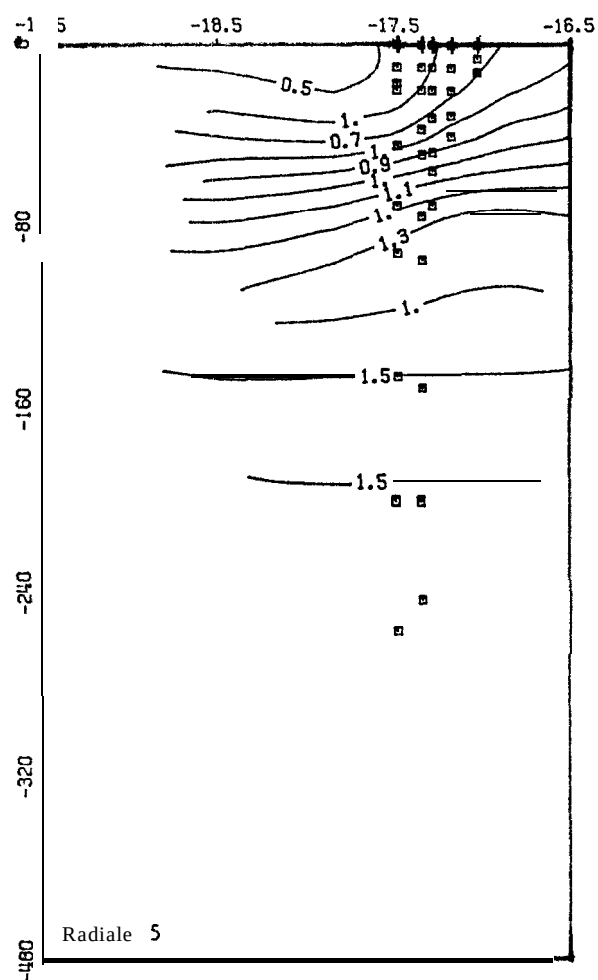
CAMPAGNE 8719: TEMPERATURES (°C) PRISES AU THERMOMETRE

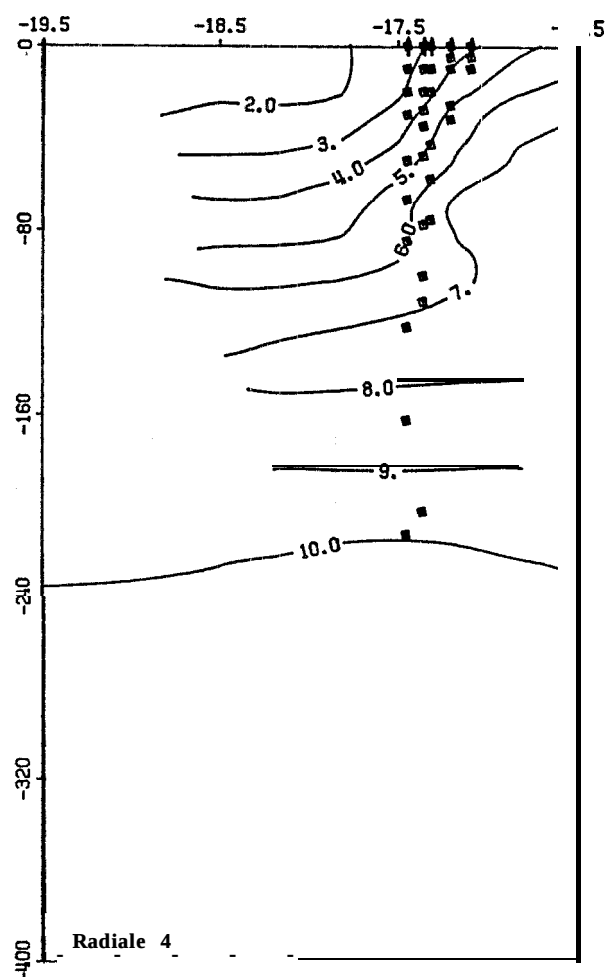
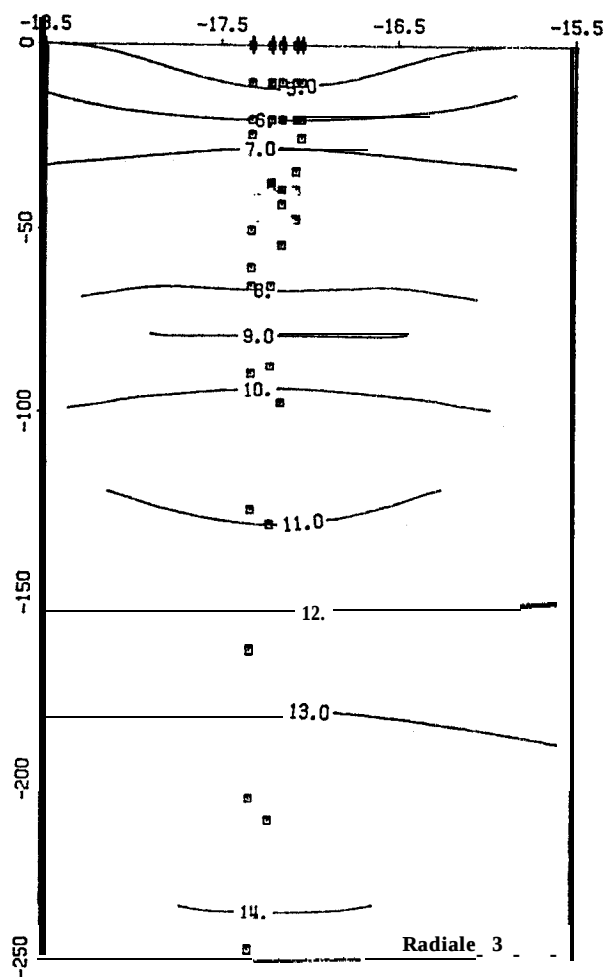
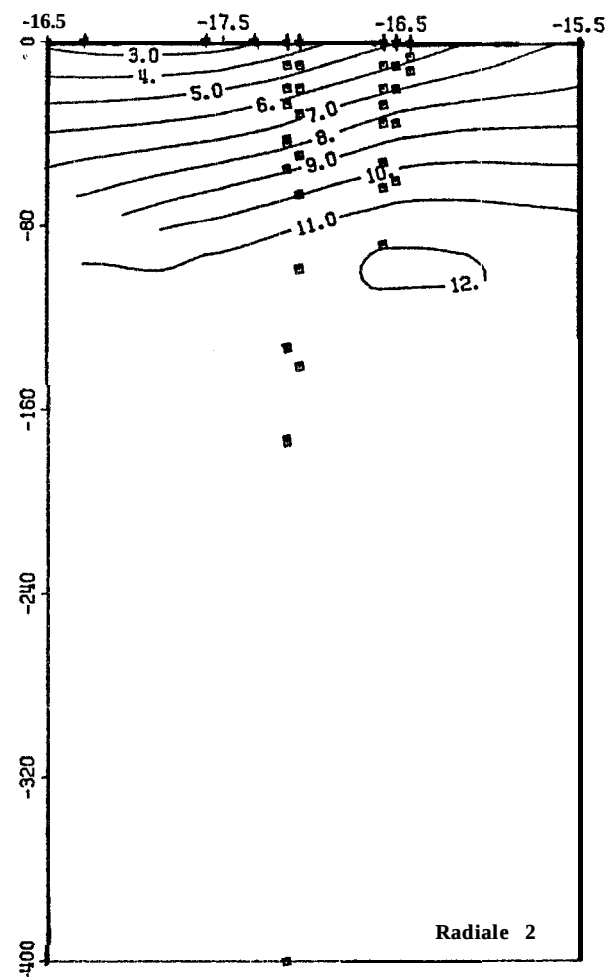
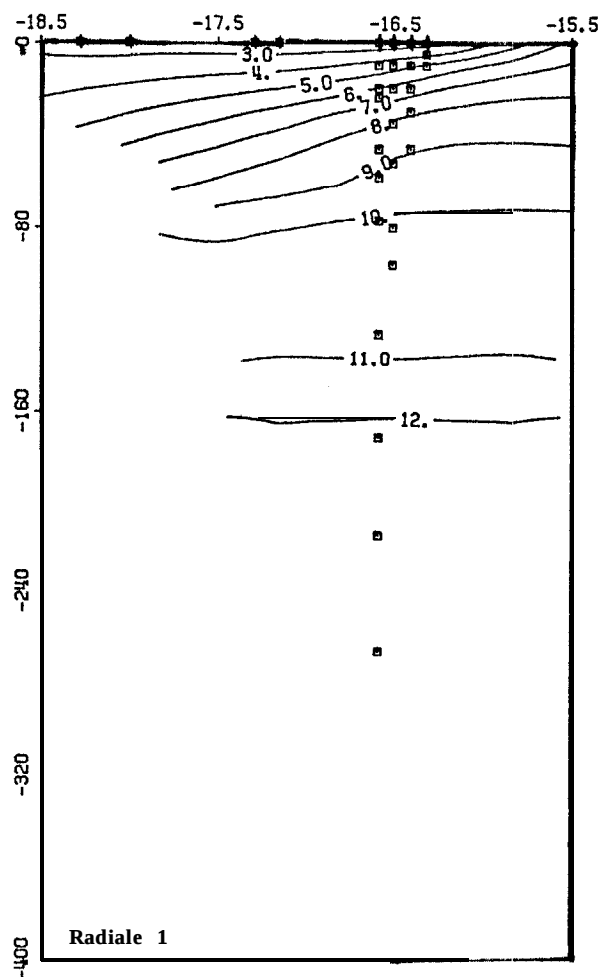


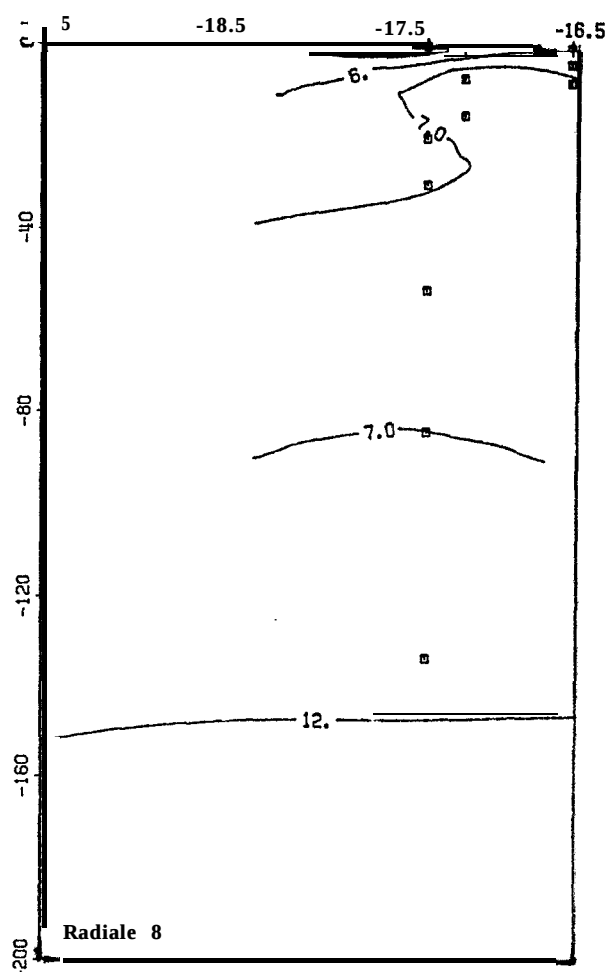
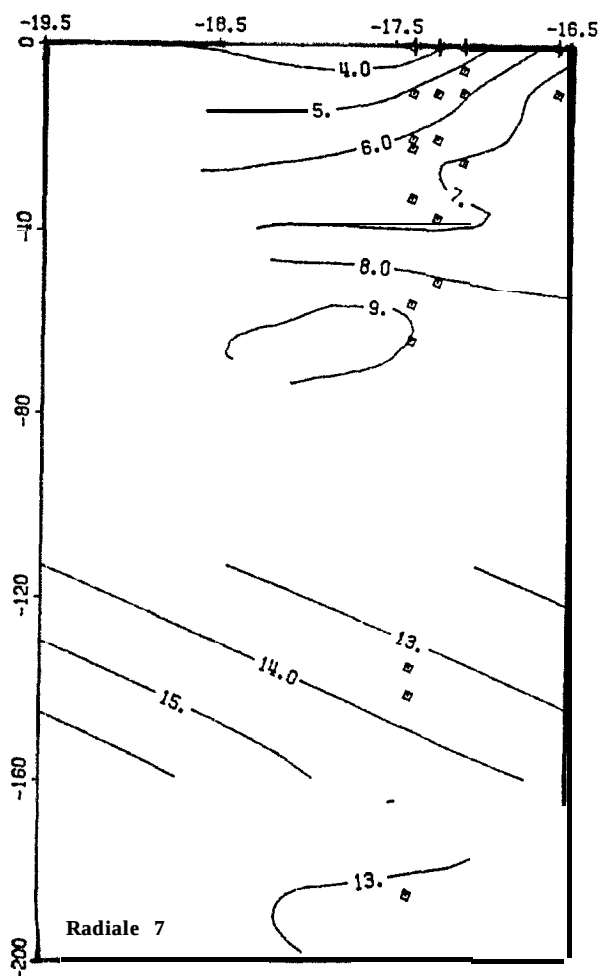
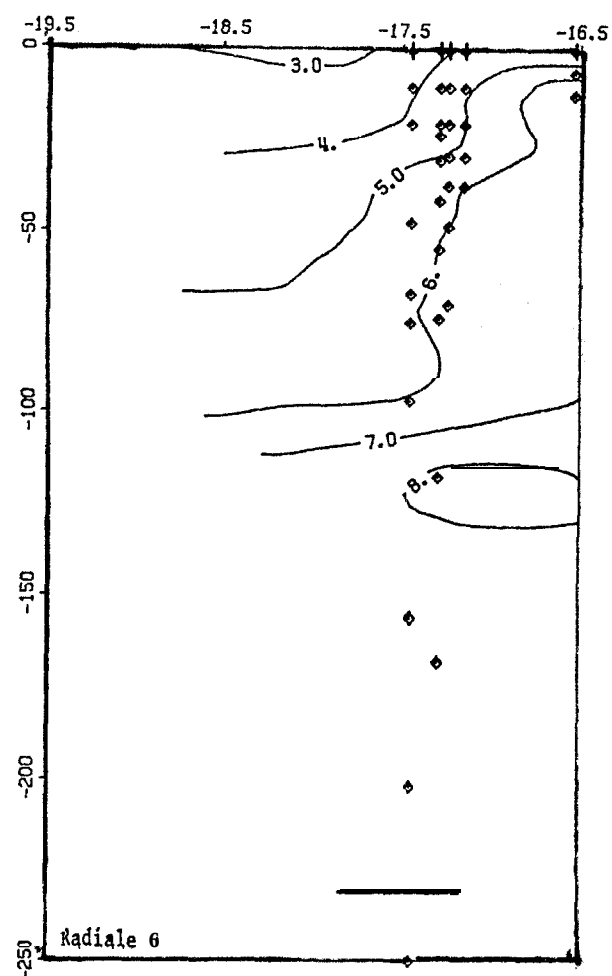
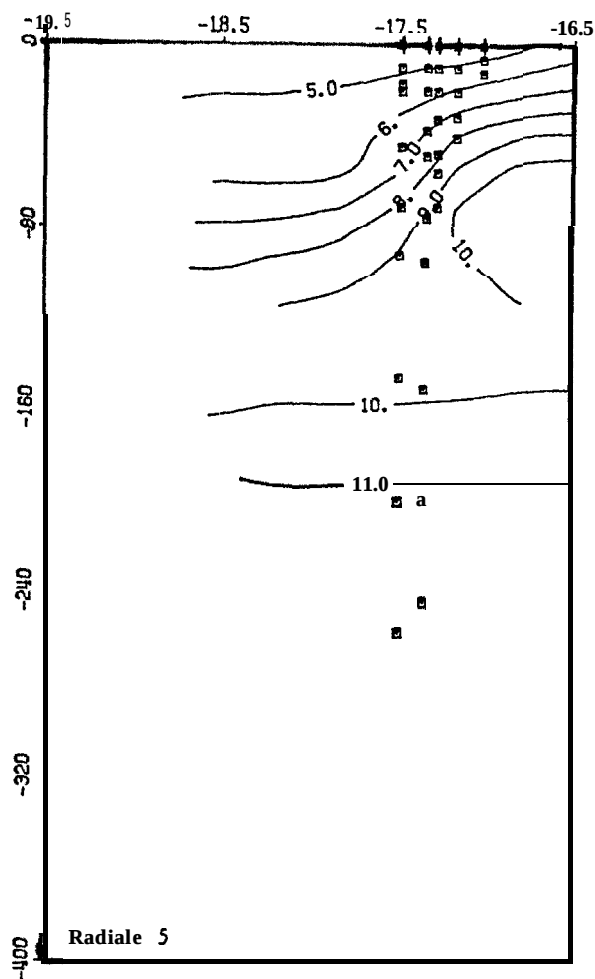


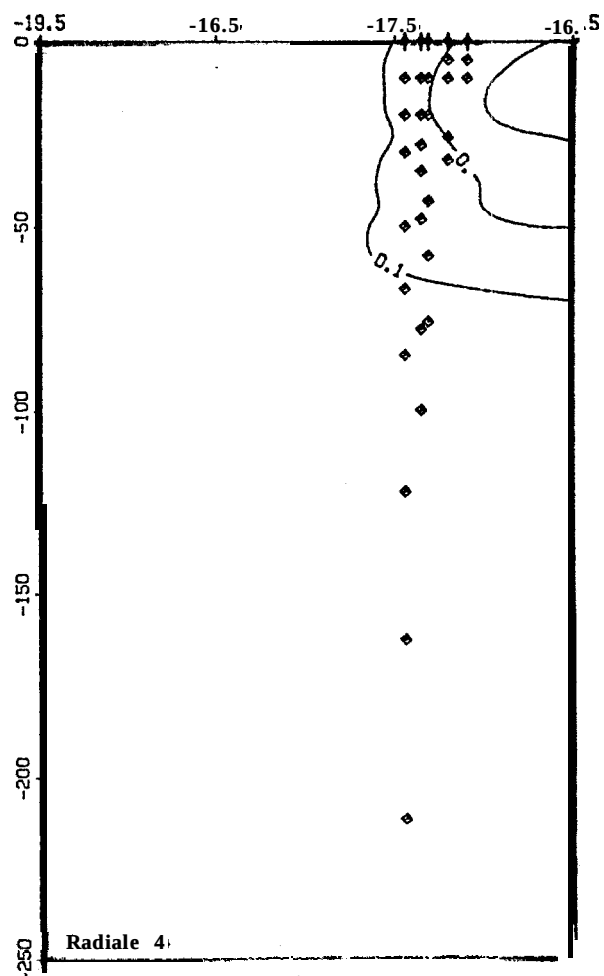
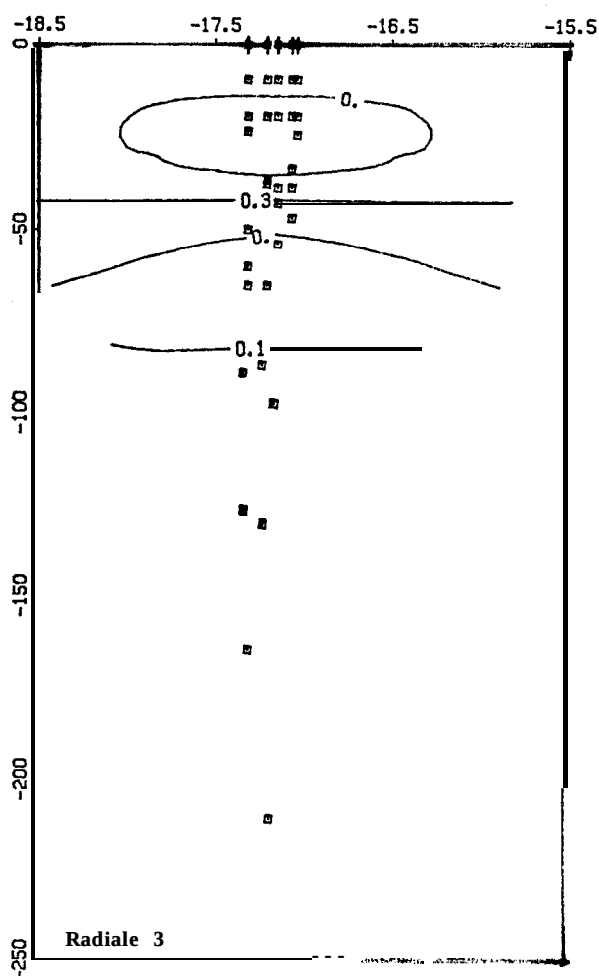
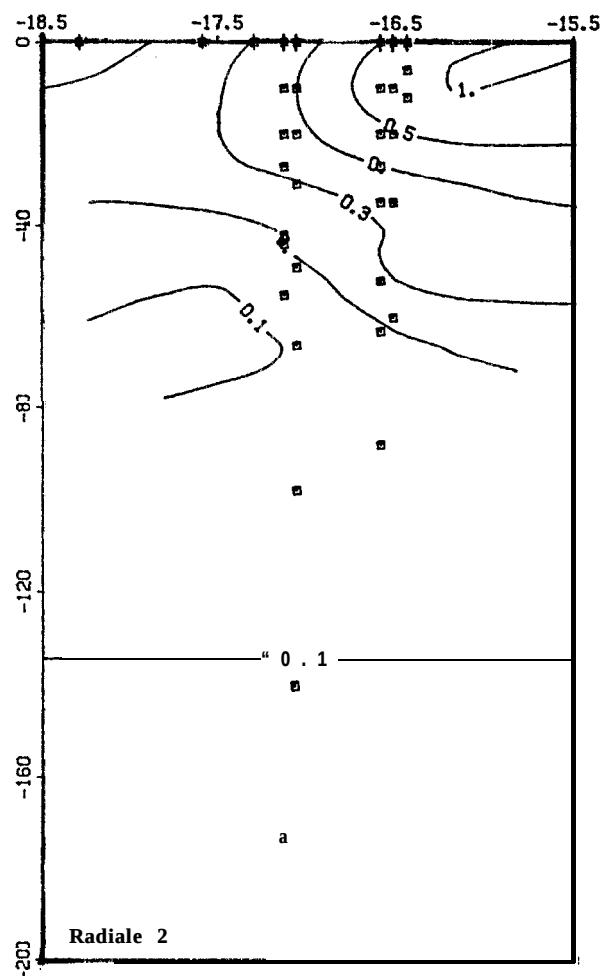
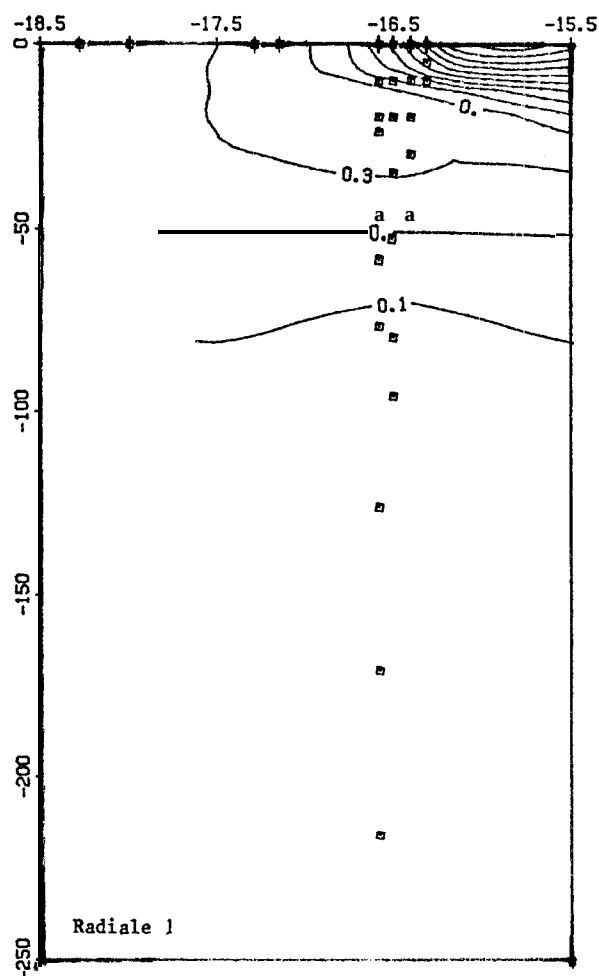


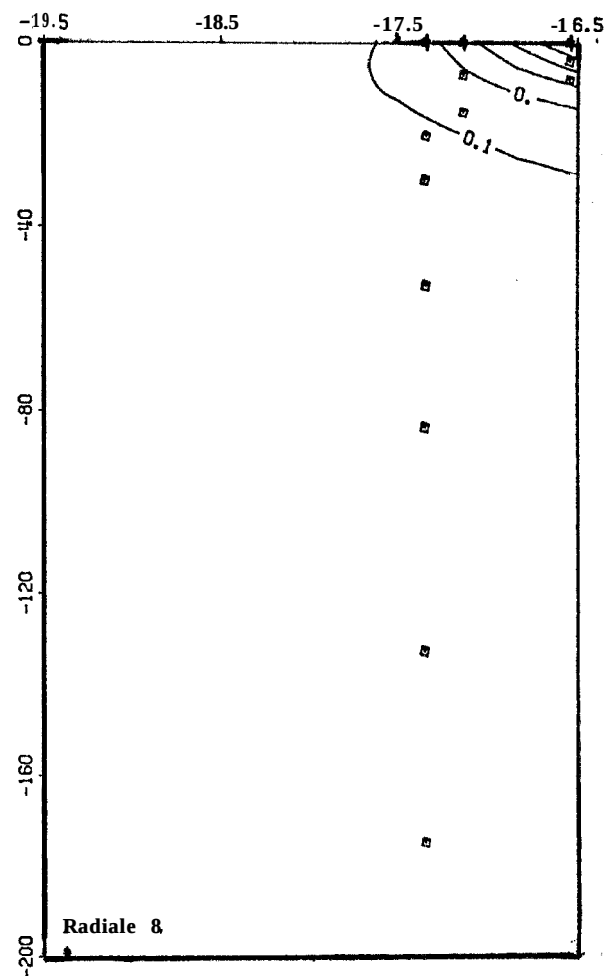
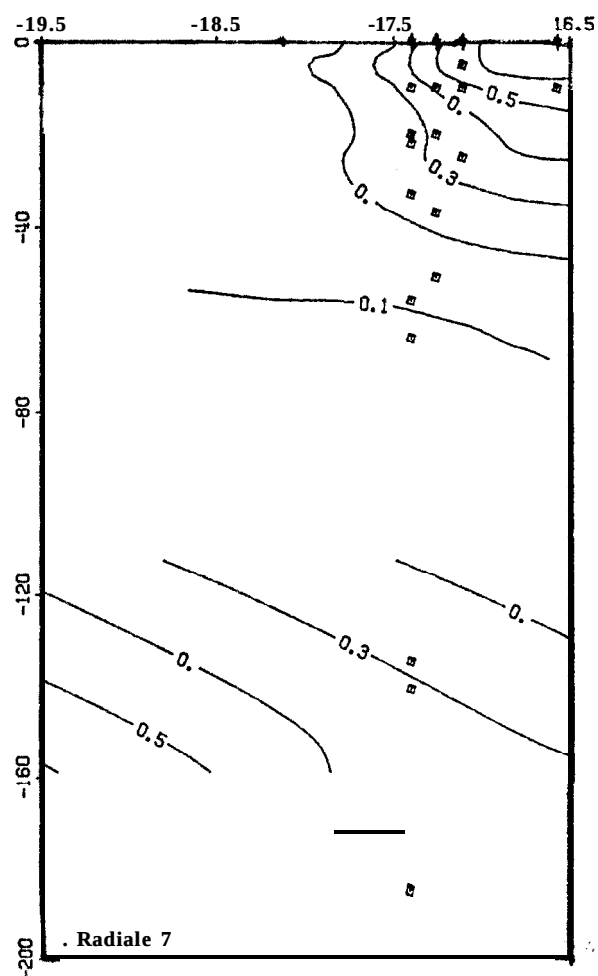
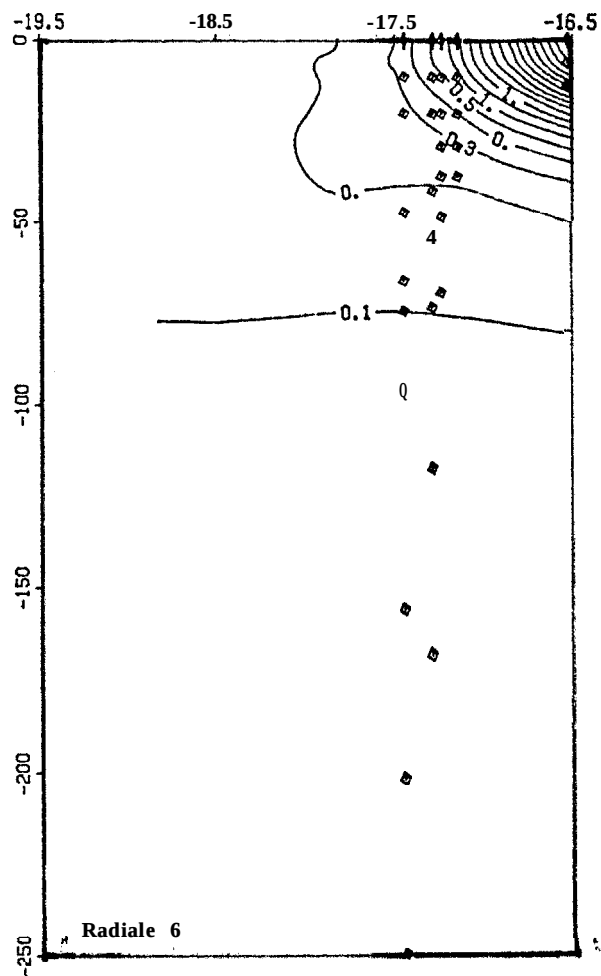
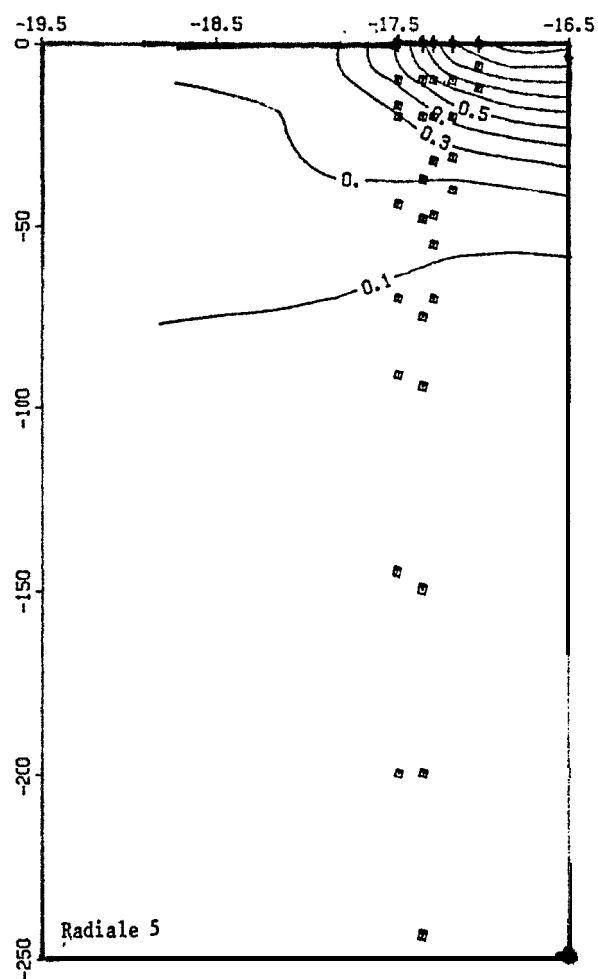


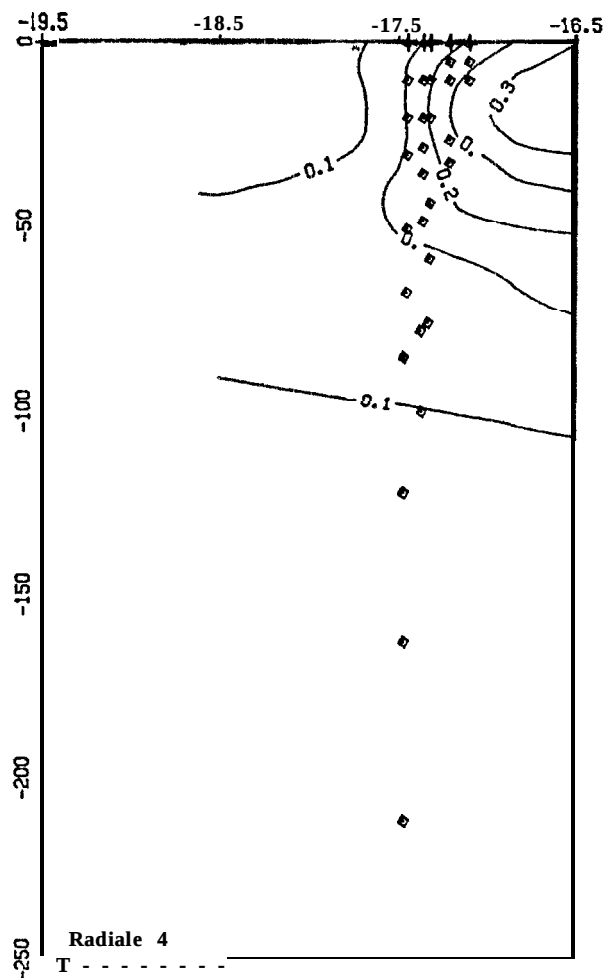
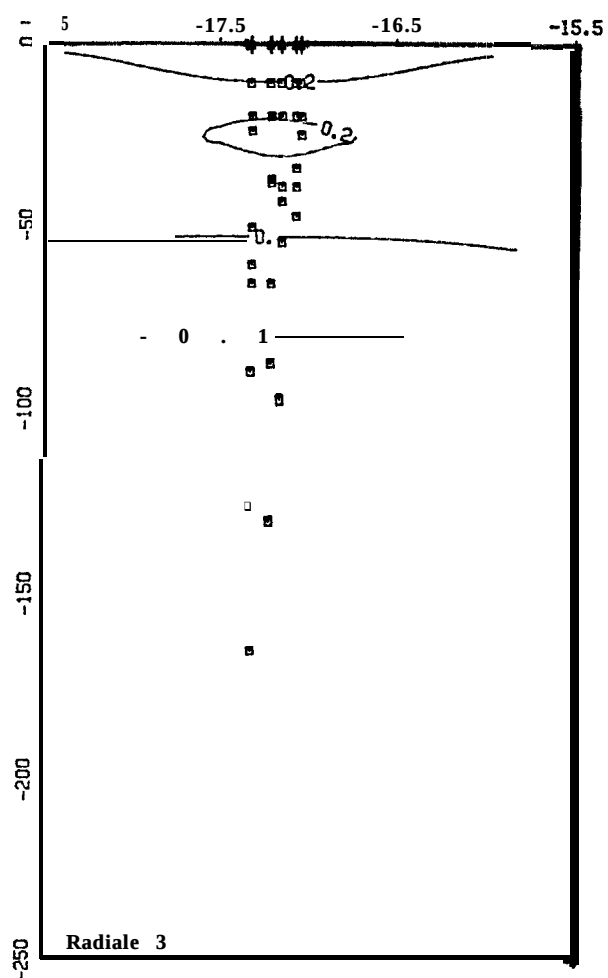
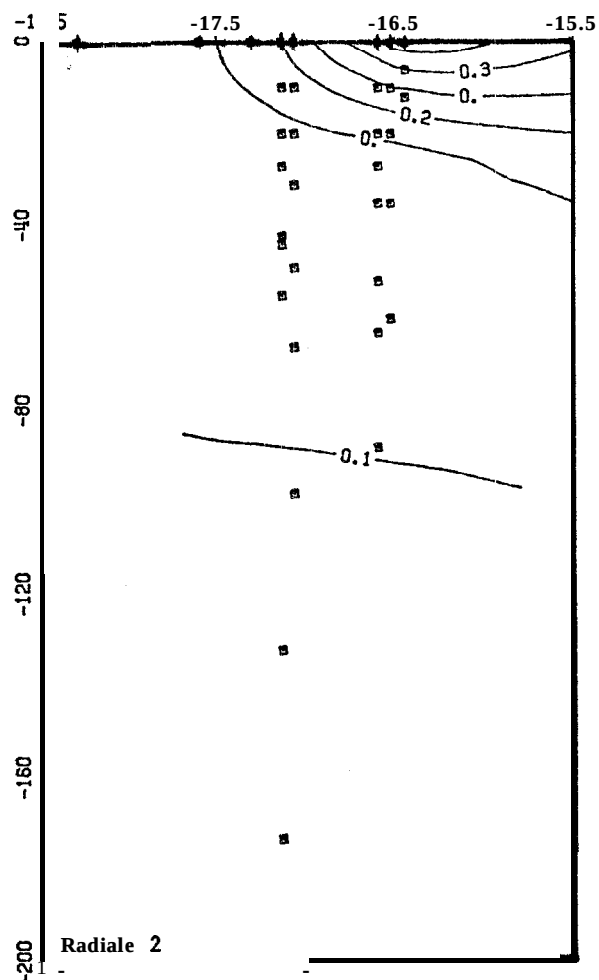
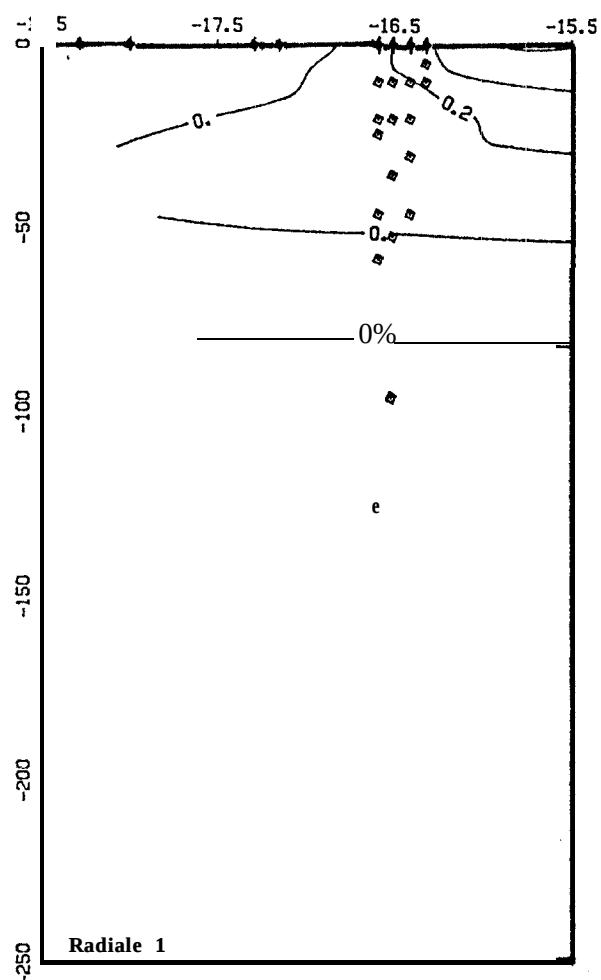


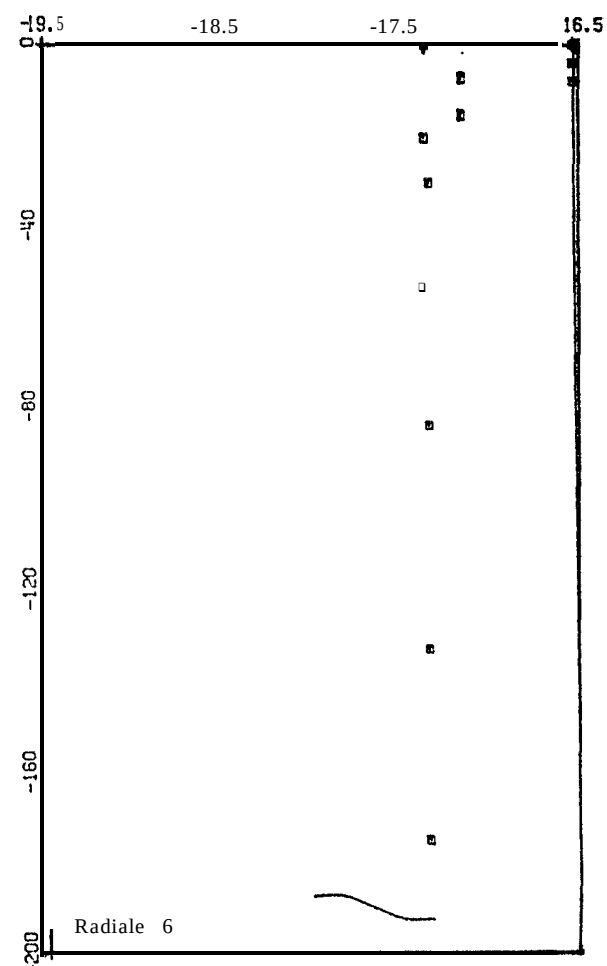
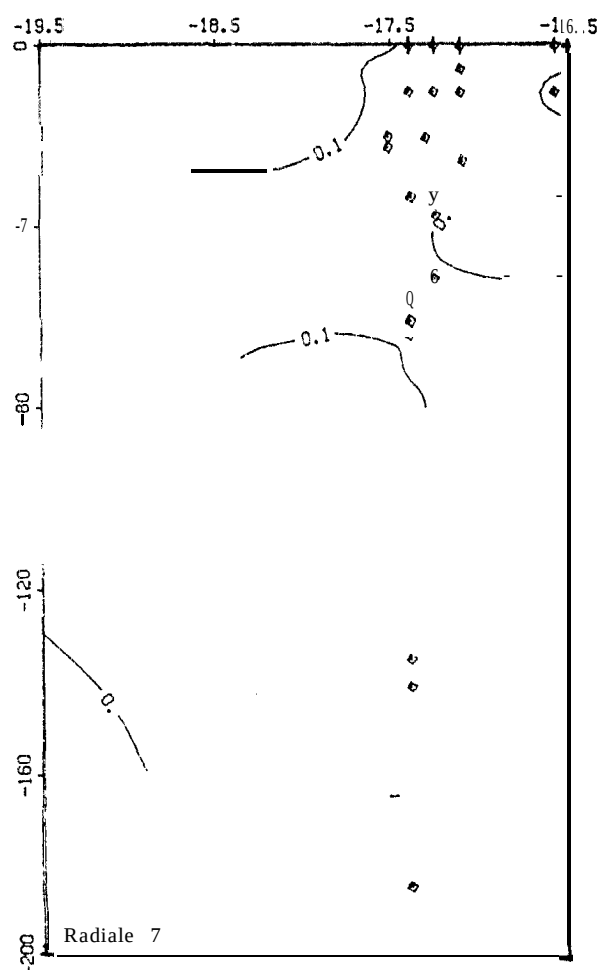
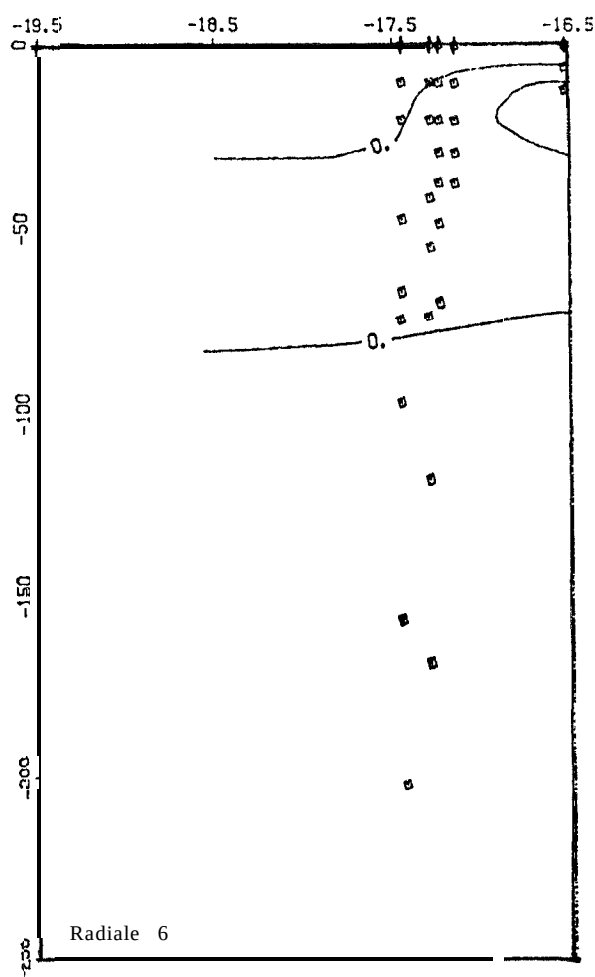
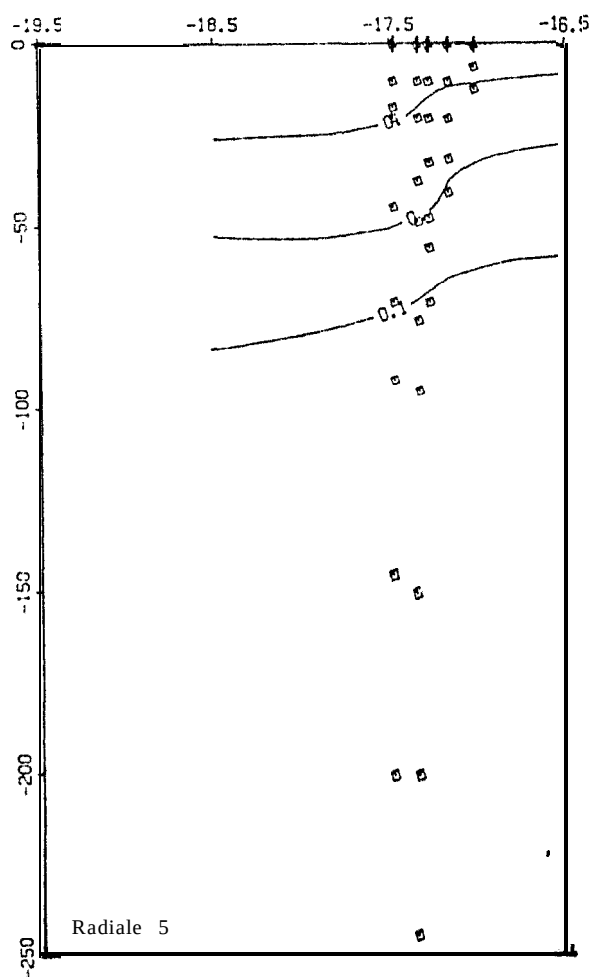












CAMPAGNE LOUIS SAUGER 8805

DU 08/03/1988 AU 14 /03/1988

DONNEES PHYSIQUES

campagne	stations	heures	latitudes	longitudes	fond	tsch	vlvent	dirvent	immersions	temp	salinité	sigma	hdyn	radiates
8805	1	99 w	1601	1b32	99.99	99.99	99.99	99.99	0	1b.12	35.54	99.99	w w	1
8805		99 99	1601	1b32	99.99	99.99	99.99	99.99	5	16.10	35.59	99.99	w w	1
8805	1	99 99	1601	1b32	99.99	99.99	99.99	99.99	10	16.06	35.59	99.99	w w	1
8805	2	99 w	1b01	1b40	99.99	99.99	99.99	99.99	0	16.69	35.61	99.99	99.99	1
8805	2	w w	1601	1b40	99.99	99.99	99.99	99.99	5	16.68	35.62	99.99	99.99	1
8805	2	99 99	1601	1640	99.99	99.99	99.99	99.99	10	16.67	35.62	99.99	99.99	1
8805	2	w w	1601	1640	99.99	99.99	99.99	99.99	15	16.65	35.62	99.99	99.99	1
8805	2	99 99	1601	1640	w w	99.99	99.99	99.99	20	16.63	35.63	99.99	99.99	1
8805	2	99 w	1601	1b40	99.99	99.99	99.99	99.99	30	1b.49	55.62	99.99	99.99	1
8805	2	99 w	1601	1640	w w	99.99	99.99	99.99	40	15.72	36.67	99.99	99.99	1
8805	3	99 99	1600	1652	99.99	99.99	99.99	99.99	0	17.43	35.61	99.99	w w	1
8805	3	99 w	1600	1b52	99.99	99.99	99.99	99.99	5	17.38	35.62	99.99	99.99	1
8805	3	99 w	1600	1b52	w w	99.99	99.99	w w	10	17.36	35.63	99.99	99.99	1
8805	3	99 W	1600	1652	99.99	99.99	99.99	99.99	15	17.32	35.63	99.99	w w	1
8805	3	99 99	1600	1652	99.99	99.99	99.99	99.99	20	17.25	35.63	99.99	99.99	1
8805	3	99 w	1600	1b52	99.99	99.99	99.99	99.99	30	16.85	35.63	99.99	w w	1
8805	3	w w	1600	1b52	99.99	99.99	99.99	99.99	40	16.18	35.67	99.99	99.99	1
8805	3	w w	1600	1b52	99.99	99.99	99.99	99.99	50	15.80	35.55	99.99	99.99	1
8805	3	99 99	1600	1652	99.99	99.99	99.99	99.99	75	15.06	35.51	99.99	99.99	1
8805	4	99 w	1601	1b59	99.99	99.99	w w	99.99	0	16.26	35.61	99.99	w w	1
8805	A	99 99	1601	1659	99.99	99.99	99.99	99.99	5	16.26	35.65	99.99	99.99	1
8805	4	99 99	1601	1659	99.99	99.99	99.99	99.99	10	16.22	35.65	99.99	99.99	1
8805	4	99 99	1601	1659	99.99	99.99	99.99	99.99	15	16.17	35.65	99.99	99.99	1
8805	A	99 99	1601	1659	99.99	99.99	99.99	99.99	20	16.12	35.65	99.99	99.99	1
8805	4	99 W	1601	1b59	99.99	99.99	99.99	99.99	30	17.62	35.64	99.99	99.99	1
8805	4	99 w	1601	1659	99.99	99.99	w w	99.99	40	1b.76	35.65	99.99	99.99	1
8805	A	99 99	1601	1b59	w w	99.99	99.99	99.99	50	15.77	35.56	99.99	99.99	1
8805	4	99 w	1.501	1659	99.99	99.99	99.99	99.99	75	15.00	35.53	99.99	99.99	1
8805	4	99 w	1601	1b59	99.99	99.99	99.99	99.99	100	14.95	36.62	99.99	w w	1
8805	4	99 w	1601	1b59	99.99	99.99	99.99	99.99	150	14.38	35.49	99.99	99.99	1
8805	4	99 99	1601	1659	99.99	99.99	w w	99.99	200	13.81	35.42	99.99	w w	1
8805	4	99 99	1601	1659	99.99	99.99	99.99	99.99	250	12.95	36.34	99.99	99.99	1
8805	4	w w	1601	1b69	11.96	99.99	w w	99.99	300	12.66	35.36	99.99	99.99	1
8805	4	99 99	1601	1b59	99.99	w w	99.99	99.99	350	11.81	55.33	99.99	99.99	1
6605	4	99 99	1601	1659	99.99	99.99	99.99	99.99	400	11.31	35.29	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	99.99	0	18.47	35.68	99.99	99.99	1
8805	5	Q Q W	1602	1715	99.99	99.99	99.99	99.99	5	18.44	35.68	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	w w	10	18.44	35.66	99.99	w w	1
8805	5	99 w	1602	1715	99.99	99.99	99.99	99.99	15	18.41	35.61	99.99	99.99	1
8805	5	w w	1602	1715	99.99	w w	99.99	99.99	20	18.33	35.70	99.99	99.99	1
8805	5	99 w	1602	1715	99.99	99.99	99.99	99.99	30	17.46	35.67	99.99	99.99	1
6605	5	99 99	1602	1715	99.99	99.99	w w	99.99	40	17.04	35.68	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	99.99	50	16.44	35.60	99.99	99.99	1
8805	5	99 w	1602	1715	99.99	99.99	99.99	99.99	75	15.01	36.531	99.99	99.99	1
8805	5	w w	1602	1715	99.99	w w	99.99	99.99	100	14.12	35.49	99.99	99.99	1
8805	5	w w	1602	1715	99.99	99.99	99.99	99.99	150	13.32	35.38	99.99	99.99	1
6605	5	99 99	1602	1715	99.99	99.99	w w	99.99	200	12.71	35.29	99.99	99.99	1
8805	5	99 99	1602	1715	w w	99.99	w w	99.99	250	12.09	35.31	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	99.99	300	12.39	35.39	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	99.99	350	11.70	35.34	99.99	99.99	1
8805	5	99 w	1602	1715	99.99	99.99	99.99	99.99	400	11.31	36.31	99.99	99.99	1
8805	5	99 w	1b01	1715	99.99	99.99	99.99	99.99	450	10.57	35.24	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	w w	500	10.10	35.20	99.99	99.99	1
8805	5	99 99	1602	1715	99.99	99.99	99.99	99.99	600	8.85	35.06	99.99	99.99	1
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86.05	6	99 99	1602	1729	99.99	w w	99.99	99.99	5	20.04	36.71	99.99	99.99	1
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8805	6	99 w	1602	1729	99.99	99.99	99.99	99.99	15	20.00	35.74	99.99	99.99	1
8805	6	w w	1602	1729	99.99	99.99	99.99	99.99	20	19.98	36.71	99.99	w w	1
8805	6	99 99	1602	1729	w w	99.99	99.99	99.99	30	19.76	35.73	99.99	99.99	1
8805	6	99 99	1602	1729	99.99	99.99	99.99	99.99	40	18.65	35.67	99.99	99.99	1
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8805	6	99 99	1602	1729	99.99	99.99	99.99	99.99	75	15.82	35.65	99.99	19.99	1
8805	6	w w	1602	1729	99.99	99.99	99.99	99.99	100	15.17	35.72	99.99	99.99	1
6605	6	99 99	1602	1729	99.99	99.99	99.99	w w	150	13.29	35.40	99.99	99.99	1
8805	6	99 w	1602	1729	99.99	99.99	99.99	w w	200	12.72	35.37	99.99	99.99	1
8805	6	99 99	1602	1729	19.99	99.99	99.99	w w	250	12.21	35.35	99.99	99.99	1
6605	6	99 99	1602	1729	99.99	99.99	99.99	99.99	300	11.73	35.28	99.99	99.99	1
6605	6	99 w	1602	1729	99.99	99.99	99.99	99.99	350	11.63	35.34	99.99	99.99	1
8805	6	99 w	1602	1729	99.99	11.94	99.99	99.99	400	11.23	35.34	99.99	99.99	1
6605	6	99 w	1602	1729	99.99	99.99	99.99	99.99	450	10.67	35.26	99.99	99.99	1
6605	6	99 w	1602	1729	99.99	99.99	99.99	99.99	500	10.8a	35.20	99.99	99.99	1
8805	6	99 w	1602	1729	99.99	w w	99.99	19.99	600	8.79	35.16	99.99	99.99	1
8805	b	w w	1602	1729	99.99	99.99	99.99	99.99	700	7.77	34.96	99.99	99.99	1
8805	7	w w	1601	1800	99.99	w w	99.99	99.99	0	19.1b	36.66	99.99	99.99	1
6605	7	99 w	1601	1800	99.99	99.99	99.99	99.99	5	19.86	35.66	99.99	99.99	1
6605	7	99 99	1601	1800	99.99	w w	99.99	99.99	10	19.66	35.78	99.99	19.99	1
8805	7	99 w	1601	1800	99.99	19.99	99.99	99.99	15	19.86	35.70	99.99	99.99	1
8805	7	99 w	1601	1800	99.99	99.99	99.99	99.99	20	19.64	35.70	99.99	99.99	1
8805	7	99 w	1601	1800	99.99	99.99	99.99	99.99	30	17.9a	35.68	99.99	99.99	1

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	temp	salinité	sigma	hdyn	radioles
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	40	16.71	35.64	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	50	16.01	35.65	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	75	14.81	35.59	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	100	14.01	35.50	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	150	13.08	35.40	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	200	12.45	35.35	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	250	11.96	35.34	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	300	11.49	35.31	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	350	10.87	35.24	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	400	10.57	35.24	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	450	10.00	35.19	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	500	9.50	35.13	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	Kil	8.60	35.03	99.99	99.99	1
8805	7	99.99	1601	1800	99.99	99.99	99.99	99.99	700	7. M	34.94	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	5	20.13	35.89	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	10	20.13	35.89	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	15	20.12	35.89	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	20	20.12	35.09	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	30	20.11	35.89	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	40	18.97	35.81	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	50	18.64	35.80	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	75	17.99	35.97	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	100	15.93	35.91	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	150	13.90	35.67	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	200	12.65	35.46	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	250	11.94	35.27	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	300	11.55	35.35	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	350	11.09	35.31	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	400	10.63	35.25	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	450	10.09	32.20	99.99	99.99	1
8805	8	99.99	1602	1830	99.99	99.99	99.99	99.99	500	9.50	35.14	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	600	8.43	35.00	99.99	99.99	1
8805	a	99.99	1602	1830	99.99	99.99	99.99	99.99	700	7.75	34.96	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	0	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	5	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	10	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	15	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	m	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	30	20.57	36.03	99.99	99.99	1
8805	y	99.99	1602	1900	99.99	99.99	99.99	99.99	40	20.57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	50	m. 57	36.03	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	75	18.39	35.10	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	100	15.55	35.73	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	150	14.21	35.69	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	200	12.75	35.47	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	250	12.07	35.39	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	300	11.56	35.36	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	350	11.09	35.31	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	400	10.24	35.30	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	450	9.73	35.14	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	500	9.36	35.12	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	600	8.33	35.01	99.99	99.99	1
8805	9	99.99	1602	1900	99.99	99.99	99.99	99.99	700	7.45	34.94	99.99	99.99	1
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	0	20.39	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	5	20.39	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	10	20.39	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	15	20.39	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	m	20.38	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	30	20.37	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	40	20.37	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	50	20.14	36.00	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	75	15.94	35.70	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	100	14.53	35.58	99.99	99.99	2
8805	% a	99.99	1529	1859	99.99	99.99	99.99	99.99	150	13.72	35.36	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	200	12.46	35.38	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	250	11.90	35.34	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	300	11.60	35.34	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	350	11.15	35.32	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	400	10.56	35.25	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	450	9.93	35.19	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	500	9.32	35.13	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	600	a. 12	34.99	99.99	99.99	2
8805	10	99.99	1529	1859	99.99	99.99	99.99	99.99	700	7.25	34.69	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	5	21.02	35.75	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	10	20.92	35.76	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	15	20.92	35.77	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	20	20.88	35.70	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	30	20.17	36.02	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsch	vitvent	dirvent	immersion	temp	salinités	sigma	hdyn	radiales
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	40	19.86	36.02	99.99	99.99	2
				1829	99.99	99.99	99.99	99.99	50	19.66	36.03	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	75	15.80	35.63	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	100	15.42	35.87	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	150	12.92	35.39	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	200	12.84	35.50	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	250	12.40	35.46	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	300	11.56	35.34	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	350	11.16	35.31	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	400	10.73	35.26	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	450	10.27	35.22	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	500	9.67	35.16	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	600	a.64	35.04	99.99	99.99	2
8805	11	99.99	1530	1829	99.99	99.99	99.99	99.99	700	7.67	34.95	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	5	20.32	36.75	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	10	20.24	35.75	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	15	19.86	35.75	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	20	19.77	35.75	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	30	19.28	35.72	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	40	19.04	35.64	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	50	16.43	35.68	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	75	14.82	35.53	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	100	14.10	35.46	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	150	13.08	35.34	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	200	12.35	36.31	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	250	12.04	35.32	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	300	11.66	35.32	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	350	11.16	35.25	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	400	10.72	35.25	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	450	10.22	35.19	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	500	9.61	35.13	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	600	8.69	35.02	99.99	99.99	2
8805	12	99.99	1530	1760	99.99	99.99	99.99	99.99	700	7.81	34.96	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	0	19.03	35.68	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	5	19.02	36.69	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	10	19.01	35.70	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	15	18.87	35.69	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	20	18.68	35.68	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	30	18.43	35.69	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	40	18.40	36.69	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	50	17.93	35.67	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	75	16.22	35.58	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	100	14.59	35.52	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	150	13.64	35.43	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	200	12.80	35.36	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	250	12.13	35.27	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	300	12.18	35.35	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	350	11.64	35.34	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	400	11.18	36.31	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	450	10.88	35.29	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	500	10.23	35.24	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	600	8.85	35.07	99.99	99.99	2
8805	13	99.99	1529	1729	99.99	99.99	99.99	99.99	700	7.87	34.96	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	5	18.82	36.70	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	10	13.27	35.65	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	15	11.54	35.69	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	20	17.39	35.70	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	30	17.23	35.71	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	40	16.96	35.69	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	50	16.80	35.68	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	75	16.19	35.65	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	100	15.87	35.63	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	150	14.39	35.51	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	200	13.42	35.40	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	250	12.81	35.37	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	300	12.40	35.35	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	350	11.69	35.34	99.99	99.99	2
8805	14	99.99	1529	1711	99.99	99.99	99.99	99.99	400	11.44	35.34	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	5	16.42	35.70	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	10	18.11	35.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	15	17.70	35.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	20	17.05	35.64	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	30	16.60	35.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	40	16.57	36.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	50	16.65	35.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	75	16.37	35.65	99.99	99.99	2
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	100	15.35	35.57	99.99	99.99	2

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	temp	salinités	sigma	hdyn	radiales
8805	15	99.99	1529	1706	99.99	99.99	99.99	99.99	150	14.19	35.46	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	0	17.38	35.3	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	5	17.36	35.62	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	10	17.31	35.63	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.94	99.99	15	16.85	35.61	99.99	99.99	2
8805	16	99.99	1529	1655	99.99	99.99	99.99	99.99	20	16.39	35.61	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	30	15.90	35.60	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	40	15.63	35.65	99.99	99.99	2
8805	16	99.99	1529	1655	99.99	99.99	99.99	99.99	50	15.46	35.57	99.99	99.99	2
8805	16	99.99	1529	1658	99.99	99.99	99.99	99.99	75	15.39	35.36	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	5	16.56	35.57	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	10	16.69	35.90	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	15	16.63	35.60	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	20	16.61	35.60	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	30	16.37	35.60	99.99	99.99	2
8805	17	99.99	1530	1651	99.99	99.99	99.99	99.99	40	15.58	35.57	99.99	99.99	2
8805	18	99.99	1530	1643	99.99	99.99	99.99	99.99	0	17.19	35.61	99.99	99.99	2
8805	18	99.99	1530	1643	99.99	99.99	99.99	99.99	5	17.16	35.61	99.99	99.99	2
8805	18	99.99	1530	1643	99.99	99.99	99.99	99.99	10	16.01	35.52	99.99	99.99	2
8805	19	99.99	1500	1705	99.99	99.99	99.99	99.99	0	17.46	35.57	99.99	99.99	3
8805	19	99.99	1500	1705	99.99	99.99	99.99	99.99	5	17.84	35.55	99.99	99.99	3
8805	19	99.99	1500	1705	99.99	99.99	99.99	99.99	10	17.08	35.58	99.99	99.99	3
8805	19	99.99	1500	1705	99.99	99.99	99.99	99.99	15	16.68	35.58	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	0	19.16	35.68	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	5	18.74	35.68	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	10	18.03	35.62	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	15	17.69	35.61	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	20	17.50	35.59	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	30	16.74	35.60	99.99	99.99	3
8805	20	99.99	1500	1707	99.99	99.99	99.99	99.99	40	16.41	35.59	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	0	19.27	35.64	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	5	19.09	35.63	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	10	18.21	35.61	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	15	17.82	35.61	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	20	17.71	35.63	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	30	17.41	35.64	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	40	16.53	35.61	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	50	16.29	35.60	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	75	15.75	35.58	99.99	99.99	3
8805	21	99.99	1500	1715	99.99	99.99	99.99	99.99	100	15.35	35.34	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	5	19.31	35.65	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	10	19.08	35.64	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	15	18.40	35.61	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	20	17.91	35.63	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	30	17.66	35.63	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	40	16.90	35.55	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	50	16.23	35.59	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	75	15.79	35.57	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	100	15.67	35.57	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	150	15.18	35.52	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	200	13.46	35.39	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	250	12.99	35.34	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	300	12.33	35.33	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	350	11.40	35.27	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	400	10.60	35.21	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	450	10.22	35.19	99.99	99.99	3
8805	22	99.99	1500	1721	99.99	99.99	99.99	99.99	500	9.71	35.15	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	0	19.02	35.65	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	5	19.00	35.65	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	10	18.70	35.64	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	15	17.82	35.60	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	20	17.21	35.61	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	30	16.50	35.60	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	40	16.66	35.60	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	50	16.53	35.60	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	75	16.02	35.58	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	100	15.75	35.55	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	150	14.91	35.51	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	200	14.09	35.46	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	250	13.08	35.35	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	300	12.62	35.36	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	350	12.06	35.34	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	400	11.49	35.55	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	450	10.50	35.24	99.99	99.99	3
8805	23	99.99	1459	1732	99.99	99.99	99.99	99.99	500	9.94	35.20	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	0	18.73	35.61	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	5	18.73	35.62	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	10	15.73	35.62	99.99	99.99	3

compagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	temp	salinités	sigma	hdyn	radiales
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	15	8.73	35.62	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	20	18.66	35.61	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	30	17.88	35.61	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	40	16.85	35.59	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	50	15.99	35.58	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	75	15.11	35.56	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	100	14.49	35.51	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	150	13.20	35.37	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	200	12.30	35.24	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	250	11.91	35.22	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	300	11.48	35.20	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	350	11.31	35.26	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	400	10.69	35.25	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	450	10.10	35.24	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	500	9.68	35.16	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	600	8.54	35.02	99.99	99.99	3
8805	24	99.99	1500	1800	99.99	99.99	99.99	99.99	700	7.52	34.93	99.99	99.99	3
8805	25	99.99	1500	1830	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	5	21.12	35.69	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	10	21.12	35.69	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	20	21.12	35.69	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	30	19.79	35.69	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	40	18.83	35.81	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	50	18.02	35.74	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	75	15.46	35.77	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	100	14.35	35.61	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	150	13.18	35.44	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	200	12.43	35.36	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	250	12.06	35.35	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	300	11.65	35.33	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	350	11.24	35.32	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	400	10.57	35.25	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	450	10.07	35.21	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	500	9.53	35.14	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	600	8.42	35.02	99.99	99.99	3
8805	26	99.99	1459	1900	99.99	99.99	99.99	99.99	700	7.50	34.93	99.99	99.99	3
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	0	21.34	35.65	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	5	21.33	35.65	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	10	21.32	35.65	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	15	21.32	35.65	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	20	21.32	35.65	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	30	20.02	35.75	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	40	19.38	35.75	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	50	18.22	35.75	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	75	15.68	35.71	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	100	14.56	35.58	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	150	13.29	35.48	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	250	12.83	35.46	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	300	12.15	35.39	99.99	99.99	4
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	350	11.63	35.32	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	400	11.09	35.28	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	450	10.75	35.25	99.99	99.99	A
8805	27	99.99	1434	1859	99.99	99.99	99.99	99.99	500	10.29	35.22	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	5	20.77	35.70	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	10	20.72	35.70	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	20	20.61	35.70	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	30	20.50	35.70	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	40	20.10	35.70	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	50	19.32	35.68	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	75	18.48	35.66	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	100	15.80	35.61	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	150	14.57	35.55	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	200	13.58	35.45	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	250	12.88	35.40	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	300	12.21	35.36	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	350	11.62	35.29	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	400	11.30	35.28	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	450	10.88	35.26	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	500	10.35	35.22	99.99	99.99	4
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	600	9.62	35.13	99.99	99.99	A
8805	28	99.99	1436	1833	99.99	99.99	99.99	99.99	700	8.44	35.07	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	0	19.30	35.70	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	5	19.28	35.70	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	10	19.14	35.71	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	15	19.07	35.71	99.99	99.99	4

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitvent	dirvent	immersion	temp	salinité	sigma	hdyn	radiales
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	20	18.12	35.66	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	30	16.99	35.66	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	40	16.06	35.64	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	50	15.49	35.61	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	75	14.68	35.53	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	100	14.03	35.46	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	150	13.16	35.35	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	200	12.74	35.34	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	250	12.31	35.30	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	300	11.66	35.31	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	350	11.57	35.31	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	400	11.18	35.27	99.99	99.99	4
8805	29	99.99	1436	1800	99.99	99.99	99.99	99.99	450	10.46	35.23	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	500	10.00	35.20	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	600	8.62	35.04	99.99	99.99	4
8805	29	99.99	1435	1800	99.99	99.99	99.99	99.99	700	7.48	34.93	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	0	18.02	35.61	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	5	17.99	35.61	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	10	17.22	35.64	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	15	16.89	35.64	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	20	16.73	35.63	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	30	15.79	35.61	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	40	15.36	35.58	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	50	15.12	35.56	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	75	14.61	35.50	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	100	14.18	35.46	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	150	13.96	35.40	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	200	13.59	35.40	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	260	12.99	35.36	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	300	12.20	35.33	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	350	11.87	35.30	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	400	10.74	35.23	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	450	9.64	35.16	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	500	9.23	35.11	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	600	8.15	34.99	99.99	99.99	4
8805	30	99.99	1434	1744	99.99	99.99	99.99	99.99	700	7.37	34.90	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	0	99.99	99.99	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	5	17.64	35.60	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	10	17.60	35.60	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	15	16.60	35.60	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	20	15.94	35.59	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	30	15.35	35.56	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	40	14.85	35.53	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	50	14.62	35.50	99.99	99.99	4
8805	31	99.99	1436	1736	99.99	99.99	99.99	99.99	75	14.46	35.49	99.99	99.99	4
8805	31	99.99	1435	1736	99.99	99.99	99.99	99.99	100	14.30	35.47	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	0	17.02	35.57	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	5	17.01	35.57	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	10	16.80	35.59	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	15	16.53	35.61	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	20	16.36	35.62	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	30	15.80	35.60	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	40	15.20	35.52	99.99	99.99	4
8805	32	99.99	1435	1730	99.99	99.99	99.99	99.99	50	14.80	35.52	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	0	16.89	35.54	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	5	16.69	35.51	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	10	15.51	35.51	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	15	15.32	35.54	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	20	15.29	35.54	99.99	99.99	4
8805	33	99.99	1435	1721	99.99	99.99	99.99	99.99	30	15.22	35.54	99.99	99.99	4
8805	34	99.99	1435	1711	99.99	99.99	99.99	99.99	0	15.82	35.56	99.99	99.99	4
8805	34	99.99	1435	1711	99.99	99.99	99.99	99.99	5	15.69	35.55	99.99	99.99	4
8805	34	99.99	1435	1711	99.99	99.99	99.99	99.99	10	15.52	35.55	99.99	99.99	4
8805	35	99.99	1407	1702	99.99	99.99	99.99	99.99	0	16.57	35.58	99.99	99.99	5
8805	35	99.99	1407	1702	99.99	99.99	99.99	99.99	5	16.57	35.58	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	0	16.87	35.59	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	5	16.86	35.59	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	10	16.85	35.59	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	15	16.84	35.59	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	20	16.71	35.60	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	30	16.10	35.61	99.99	99.99	5
8805	36	99.99	1407	1716	99.99	99.99	99.99	99.99	40	15.64	35.59	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	0	18.84	35.63	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	5	18.83	35.66	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	10	18.81	35.68	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	15	18.79	35.68	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	20	18.78	35.66	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	30	18.08	35.65	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	40	17.03	35.66	99.99	99.99	5

campagne	stations	heures	latitudes	longitudes	fond	tsech	vilvent	dirvent	nersion	temp	salinités	sigma	hdyn	radiales
8805	37	99.99	1407	1727	99.99	99.99	99.W	99.99	50	16.57	35.64	99.99	99.99	5
8805	37	99.99	1407	1727	99.99	99.99	99.99	99.99	75	15.48	35.57	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	0	18.98	35.65	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	5	18.96	35.66	99.99	99.99	5
8805	38	99.99	1407	1736	99.99	99.99	99.99	99.99	10	18.94	35.66	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	15	18.93	35.66	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.W	99.99	20	18.91	35.67	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	30	18.87	35.67	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	40	18.71	35.65	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	50	17.74	35.59	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	75	15.40	35.58	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	100	14.78	35.51	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	150	13.64	35.39	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	200	12.85	35.31	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	250	12.56	35.36	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	300	12.03	35.35	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	350	11.53	35.32	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	400	11.12	35.30	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	450	10.39	35.25	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	500	9.99	35.20	99.99	99.99	5
8805	38	99.99	1407	1736	99.99	99.99	99.99	99.99	600	8.56	35.02	99.99	99.99	5
8805	38	99.99	1407	1735	99.99	99.99	99.99	99.99	700	7.52	34.91	99.99	99.99	5
8805	39	99.99	1406	1745	99.99	99.99	99.99	99.99	0	19.72	35.63	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	5	19.70	35.63	99.99	99.99	5
8805	39	99.99	1406	1740	99.99	99.99	99.99	99.99	10	19.63	35.63	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	15	19.53	35.63	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	20	19.48	35.63	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	30	19.05	35.62	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	40	16.98	35.61	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	50	16.46	35.63	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	75	15.36	35.59	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	100	14.54	35.50	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	150	13.24	35.36	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	200	12.32	35.24	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	250	12.05	35.27	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	300	11.88	35.31	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	350	11.32	35.28	99.99	99.99	5
8805	39	99.99	1406	1745	99.99	99.99	99.99	99.99	400	10.72	35.24	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	450	10.22	35.20	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	500	9.60	35.13	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	600	8.37	34.99	99.99	99.99	5
8805	39	99.99	1406	1748	99.99	99.99	99.99	99.99	700	7.51	34.93	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	0	19.67	35.65	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	5	19.64	35.65	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	10	19.60	35.63	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	15	19.50	35.62	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	20	19.44	35.62	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	30	18.82	35.58	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	40	16.82	35.64	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	50	15.80	35.62	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	75	14.37	35.49	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	100	13.75	35.43	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	150	12.69	35.28	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	200	12.12	35.22	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	250	11.69	35.20	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	300	11.46	35.21	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	350	11.20	35.26	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	400	10.73	35.23	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	450	10.34	35.22	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	500	9.74	35.13	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	600	8.67	35.11	99.99	99.99	5
8805	40	99.99	1407	1800	99.99	99.99	99.99	99.99	700	7.35	34.87	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	0	21.58	35.65	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.W	99.99	5	21.56	35.65	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	10	21.51	35.67	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	15	21.44	35.69	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	20	21.27	35.70	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.W	99.99	30	21.15	35.72	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	40	20.73	35.69	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	50	19.11	35.64	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	75	15.54	35.59	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	100	14.57	35.60	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	150	13.51	35.39	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	200	12.73	35.32	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	250	12.13	35.27	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	300	11.81	35.31	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	350	11.34	35.31	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	400	10.77	35.24	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	450	10.30	35.20	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	500	9.73	35.14	99.99	99.99	5

campagne	stations	heures	latitudes	longitudes	fond	tsch	vitvent	dirvent	immersion	temp	salinités	sigma	hdy	radiales
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	600	8.71	35.02	99.99	99.99	5
8805	41	99.99	1407	1830	99.99	99.99	99.99	99.99	700	7.62	34.91	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	0	21.76	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	5	21.75	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	10	21.74	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	15	21.73	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	20	21.70	35.64	99.99	w . w	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	30	21.55	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	40	21.33	35.65	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	50	20.54	35.75	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	75	15.42	35.64	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	100	14.51	35.53	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	150	13.27	35.39	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	200	12.58	35.33	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	250	12.20	35.36	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	300	11.75	35.34	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	350	11.11	35.27	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	400	10.42	35.21	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	450	9.89	35.16	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	500	-9.49	35.12	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	600	5.41	35.00	99.99	99.99	5
8805	42	99.99	1407	1900	99.99	99.99	99.99	99.99	700	7.42	34.93	99.99	99.99	5
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	0	21.45	35. w	99.99	99.99	6
5505	43	w . w	1337	1900	99.99	99.99	99.99	99.99	5	21.47	35.60	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	10	-21.47	35.60	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	15	21.47	35.60	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	20	21.46	35.60	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	30	21.45	35.59	99.99	w . w	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	40	21.31	35.56	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	50	18.97	35.50	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	75	15.37	35.61	99.99	99.99	6
8805	4	3	99.99	1337	1900	99.99	99.99	99.99	100	14.50	35.52	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	150	13.47	35.42	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	200	12.55	35.34	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	250	12.02	35.31	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	300	11.61	35.28	w . w	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	350	11.23	35.28	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	400	10.48	35.21	99.99	99.99	6
8805	43	99.99	1337	19 w	99.99	99.99	99.99	99.99	450	10.22	35.20	99.99	99.99	6
8805	43	w . w	1337	1900	99.99	99.99	99.99	99.99	500	9.49	35.11	99.99	99.99	6
8805	43	99.99	1337	1900	99.99	99.99	99.99	99.99	600	8.35	34.97	99.99	99.99	6
8805	43	99.99	1337	19 w	99.99	99.99	99.99	99.99	700	7.46	34. w	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	0	20.66	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	5	20.65	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	10	20.64	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	15	M.49	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	20	20.39	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	30	m.3.3	35.72	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	40	19.11	35.72	99.99	99.99	6
8805	44	99.99	1337	1.329	99.99	99.99	99.99	99.99	50	16.91	35.68	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	75	15.17	35.69	99.99	99.99	6
5.305	44	99.99	1337	1529	99.99	99.99	99.99	99.99	100	-14.47	35.49	w . w	99.99	6
8805	44	99.99	1337	1529	99.99	99.99	99.99	99.99	150	13.37	35.37	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	200	12.55	35.26	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	250	12.03	35.24	99.99	99.99	6
8805	44	99.99	1337	1529	99.99	99.99	99.99	99.99	300	11.57	35.23	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	350	11.21	35.24	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	400	10.77	35.22	99.99	99.99	6
8805	44	99.99	1337	1.329	99.99	99.99	99.99	99.99	450	10.34	35.20	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	500	9.57	35.11	99.99	99.99	6
8805	44	99.99	1337	1829	99.99	99.99	99.99	99.99	600	8.43	34.97	99.99	99.99	6
8805	A4	99.99	1337	1529	99. w	99.99	99.99	99.99	700	7.31	34.85	99.99	99.99	6
8805	A5	99.99	1337	1800	99.99	99.99	99.99	99.99	0	99.90	99.90	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	5	20.08	34.59	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	10	20.10	35.63	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	15	20.10	35.54	99.99	99.99	6
8805	A5	99.99	1337	1800	99.99	99.99	99.99	99.99	20	20.80	35.64	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	30	18.29	35.64	99.99	99.99	6
5505	45	99.99	1337	1800	99.99	99.99	99.99	99.99	40	16.82	35.64	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	50	15.78	-35.63	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	75	14.47	35.50	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	100	13.76	35.41	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	150	13.05	35.33	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	200	12.23	35.23	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	250	11.68	35.16	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	300	11.39	35.16	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	350	11.33	35.24	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	400	10.91	35.23	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	99.99	99.99	99.99	450	10.35	35.19	99.99	99.99	6
8805	45	99.99	1337	1800	99.99	w . w	99.99	99.99	500	9.74	35.11	99.99	99.99	6

campagne	stations	heures	latitudes	longitudes	fond	tsech	vitenti	dirvent	immersion	temp	salinités	sigma	hdyn	radiales
8805	A5	99.99	1337	1800	99.99	99.99	99.99	99.99	600	8.44	34.97	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	0	18.14	35.65	99.99	99.99	6
8805	A6	00 00	1338	1745	99.99	99.99	99.99	99.99	5	15.13	35.64	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	10	18.05	35.64	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	15	17.97	35.64	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	20	17.88	35.64	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	w . w	99.99	30	17.70	35.63	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	40	17.57	35.63	99.99	99.99	6
8805	A6	99.99	1335	1745	99.99	99.99	99.99	99.99	50	17.22	35.61	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	75	16.00	35.63	99.99	99.99	6
8805	A6	99.99	1335	1745	99.99	99.99	99.99	99.99	100	14.58	as.50	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	150	13.44	35.37	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	200	12.63	35.28	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	250	12.25	35.27	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	300	11.86	35.28	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	350	11.62	35.32	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	400	10.91	35.27	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	A50	10.25	35.21	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	500	9.63	35.14	99.99	99.99	6
8805	46	99.99	1338	1745	99.99	99.99	99.99	99.99	600	8.24	38.98	99.99	99.99	6
8805	A6	99.99	1338	1745	99.99	99.99	99.99	99.99	700	7.33	34.89	99.99	99.99	6
8805	A2	99.99	1337	1728	99.99	99.99	99.99	99.99	0	18.41	35.65	99.99	99.99	6
8805	A2	99.99	1337	1728	99.99	99.99	99.99	99.99	5	18.27	35.64	99.99	99.99	6
8805	47	99.99	1337	1725	99.99	99.99	99.99	99.99	10	17.96	35.64	99.99	99.99	6
8805	47	99.99	1337	1728	99.99	99.99	99.99	99.99	15	17.73	35.64	99.99	99.99	6
8805	A2	99.99	1337	1728	99.99	99.99	99.99	99.99	20	17.54	35.63	99.99	99.99	6
8805	A7	99.99	1337	1728	99.99	99.99	99.99	99.99	30	17.21	35.63	99.99	99.99	6
8805	47	99.99	1337	1728	99.99	99.99	99.99	99.99	40	16.93	35.63	99.99	99.99	6
8805	47	99.99	1337	1725	99.99	99.99	99.99	99.99	50	16.06	35.59	99.99	99.99	6
8805	47	99.99	1337	1725	99.99	99.99	99.99	99.99	75	15.28	35.55	99.99	99.99	6
8805	A7	99.99	1337	1728	99.99	99.99	99.99	99.99	100	15.01	35.53	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	0	18.16	35.61	99.99	99.99	6
a.305	48	99.99	1337	1724	99.99	99.99	99.99	99.99	5	1 a m	35.61	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	10	17.51	35.61	99.99	99.99	6
8805	A6	99.99	1337	1724	w . w	99.99	99.99	99.99	15	17.32	35.61	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	20	17.18	35.61	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	30	16.56	35.60	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	40	15.82	35.59	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	50	15.52	35.56	99.99	99.99	6
8805	48	99.99	1337	1724	99.99	99.99	99.99	99.99	75	15.22	35.56	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	0	1a.22	35.55	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	5	18.17	35.57	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	10	17.56	35.54	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	15	17.16	35.57	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	20	16.55	35.57	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	30	15.83	35.58	99.99	99.99	6
8805	A9	99.99	1337	1714	99.99	99.99	99.99	99.99	40	15.54	35.57	99.99	99.99	6
8805	50	99.99	1338	1652	99.99	99.99	99.99	99.99	0	19.82	35.57	99.99	99.99	6
8805	50	99.99	1338	1652	99.99	99.99	99.99	99.99	5	19.50	35.56	99.99	99.99	6
8805	50	99.99	1338	1652	99.99	99.99	99.99	99.99	10	15.07	35.48	w . w	w . w	6
8805	51	99.99	1259	1657	99.99	99.99	99.99	99.99	0	19.62	35.60	99.99	99.99	7
8805	51	99.99	1259	1657	99.99	99.99	99.99	99.99	5	19.60	35.60	99.99	99.99	7
8805	51	99.99	1259	1657	99.99	99.99	99.99	99.99	10	18.15	35.56	99.99	99.99	7
8805	52	99.99	1260	1711	99.99	99.99	99.99	99.99	0	18.48	35.59	99.99	99.99	7
8805	52	99.99	126a	1711	99.99	99.99	99.99	99.99	5	18.48	35.58	99.99	99.99	7
8805	52	99.99	1 2 6 0	1711	99.99	99.99	99.99	w . w	1 0	1a.39	35.57	99.99	99.99	7
8805	52	99.99	1260	1711	99.99	99.99	99.99	99.99	15	17.63	35.55	99.99	99.99	7
8805	52	99.99	-1260	1711	99.99	99.99	99.99	99.99	20	17.09	35.59	99.99	99.99	7
8805	53	99.99	1260	1725	99.99	99.99	99.99	99.99	0	20.07	35.59	99.99	99.99	7
8805	53	99.99	1260	1725	99.99	99.99	99.99	99.99	5	20.05	35.59	99.99	99.99	7
8805	53	99.99	1260	1725	99.99	99.99	99.99	99.99	10	19.90	35.60	99.99	99.99	7
a505	53	99.99	1260	1725	99.99	99.99	99.99	99.99	15	19.73	35.61	99.99	99.99	7
8805	53	w . w	1260	1725	99.99	99.99	99.99	99.99	20	19.61	35.61	99.99	99.99	7
8805	53	99.99	1260	1725	99.99	99.99	99.99	99.99	30	18.71	35.53	99.99	99.99	7
8805	53	99.99	1260	1725	99.99	99.99	99.99	99.99	40	17.18	35.62	99.99	99.99	7
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	0	20.64	35.57	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	5	20.63	35.57	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	10	20.62	35.57	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	15	20.43	35.56	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	20	19.94	35.58	99.99	99.99	a
a505	54	99.99	-1300	1740	99.99	99.99	99.99	99.99	30	19.54	35.60	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	A0	1a.89	35.61	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	50	18.22	35.62	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	75	16.64	35.63	99.99	99.99	8
8805	SA	99.99	1300	1740	99.99	99.99	99.99	99.99	100	15.67	35.59	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	150	14.18	35.45	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	2	13.62	35.38	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	250	12.97	35.34	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	300	12.09	35.31	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	350	10.92	35.22	99.99	99.99	8

campagne	stations	heures	latitudes	longitudes	fond	tsech	vlvent	divent	immersion	temp	salinités	sigma	hdyn	radioles
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	400	9.66	35.11	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	450	9.34	35.08	99.99	99.99	8
8805	54	99.99	1300	1740	99.99	99.99	99.99	99.99	500	8.92	35.03	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	5	20.27	35.59	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	5	20.25	35.59	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	10	20.21	35.59	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	15	20.16	35.60	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	20	20.10	35.58	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	30	19.64	35.62	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	40	19.01	35.58	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	50	17.91	35.62	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	75	15.53	35.58	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	100	14.66	35.49	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	150	13.74	35.40	99.99	99.99	8
8805	55	99.99	1159	1800	99.99	99.99	99.99	99.99	200	12.84	35.29	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	250	12.12	35.22	99.99	99.69	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	300	11.82	35.23	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	350	11.42	35.24	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	400	10.99	35.25	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	450	10.43	35.21	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	500	9.70	35.13	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	600	8.45	34.99	99.99	99.99	8
8805	55	99.99	1259	1800	99.99	99.99	99.99	99.99	700	7.09	34.81	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	0	21.65	35.57	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	5	21.58	35.57	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	10	21.48	35.58	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	15	21.42	35.57	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	20	21.29	35.57	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	30	21.19	35.37	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	40	21.10	35.58	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	50	17.78	35.61	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	75	15.41	35.59	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	100	14.67	35.52	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	150	13.53	35.39	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	200	12.80	35.29	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	250	12.33	35.29	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	300	11.72	35.25	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	350	11.32	35.25	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	400	10.83	35.24	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	450	10.36	35.20	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	500	9.62	35.12	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	600	8.18	34.95	99.99	99.99	8
8805	56	99.99	1300	1830	99.99	99.99	99.99	99.99	700	7.10	34.85	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	0	22.10	35.46	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	5	22.07	35.49	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	10	21.99	35.54	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	15	21.78	35.57	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	20	21.63	35.59	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	30	21.55	35.59	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	40	20.54	35.56	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	50	17.10	35.68	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	75	15.76	35.61	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	100	14.74	35.51	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	150	13.69	35.39	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	200	12.87	35.29	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	250	12.20	35.26	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	300	11.68	35.25	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	350	11.36	35.27	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	400	10.77	35.22	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	450	10.24	35.18	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	500	9.82	35.15	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	600	8.59	35.15	99.99	99.99	8
8805	57	99.99	1259	1900	99.99	99.99	99.99	99.99	700	7.36	34.86	99.99	99.99	8

CAMPAGNE LOUIS SAUGER 8805

DU 08/03/1988 AU 14 /03/1988

DONNEES CHIMIQUES

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	S	Tmp	O2	NO3	NO2	PO4	SIO4	CHLT	PHEOP	RAD
1	8805	1	1601	1632	1	0		16.25	2.60	15.82	0.97	1.47	12.20	2.62	0.05	1
2	8805	1	1601	1632	2	5		16.24	2.60	16.02	1.00	1.52	12.70	2.47	0.3	
3	8805	1	1601	1632	3	10		16.04	2.14	20.97	1.35	1.89	13.60	0.81	0.13	
4	8805	2	1601	1640	1	0		20.75	4.03	13.52	0.75	1.15	6.10	4.18	0.12	
5	8805	2	1601	1640	2	10		20.70	3.89	14.05	0.76	1.17	3.90	5.16	1.22	
6	8805	2	1601	1640	3	20		19.93	3.56	10.66	0.68	0.91	5.50	3.27	-0.07	
7	8805	2	1601	1640	4	30		16.40	2.17	19.12	0.47	1.46	7.00	0.98	0.10	
8	8805	2	1601	1640	5	45		15.36	1.69	23.48	0.41	1.72	9.30	0.30	0.05	
9	8805	3	1600	1652	1	0		17.54	4.71	8.33	0.32	0.76	2.20	4.38	0.06	
10	8805	3	1600	1652	2	10		17.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	
11	8805	3	1600	1652	3	15		17.53	4.49	10.59	0.31	0.97	1.90	4.66	-0.39	
12	8805	3	1600	1652	4	25		17.57	3.06	11.356	0.31	1.04	2.30	5.57	0.72	
13	8805	3	1600	1652	5	35		16.32	2.29	16.380	0.36	1.28	6.50	1.48	0.07	
14	8805	3	1600	1652	6	65		15.39	1.600	221.73	0.24	1.60	9.30	0.45	0.08	
15	8805	3	1600	1652	7	90		15.07	1.465	22.991	0.23	1.72	9.80	0.26	0.00	
16	8805	4	1601	1659	1	0		18.41	4.682	10.080	0.42	1.06	4.00	2.12	0.04	
17	8805	4	1601	1659	2	5		18.44	4.144	10.80	0.41	0.99	4.00	2.57	0.06	
18	8805	4	1601	1659	3	10		18.33	4.30	11.78	0.42	1.33	4.00	2.44	0.02	
19	8805	4	1601	1659	4	20		18.44	4.23	12.73	0.52	1.09	4.00	1.55	0.20	
20	8805	4	1601	1659	5	30		17.89	3.86	14.08	0.43	1.16	5.00	1.28	0.16	
21	8805	4	1601	1659	6	50		16.20	1.93	21.89	0.62	1.62	7.00	0.22	0.07	
22	8805	4	1601	1659	7	75		15.16	1.47	21.65	0.16	1.65	8.80	0.07	0.16	
23	8805	4	1601	1659	8	100		15.02	1.45	23.02	0.12	1.71	9.10	0.13	0.01	
24	8805	4	1601	1659	9	150		14.63	1.40	24.06	0.16	1.75	9.80	99.99	69.99	
25	8805	4	1601	1659	10	200		13.95	1.44	24.51	0.05	1.75	10.40	99.99	99.99	
26	8805	4	1601	1659	11	300		12.74	99.99	25.73	0.00	1.79	11.40	99.99	99.99	
27	8805	4	1601	1659	12	400		11.19	99.99	28.12	0.02	4.27	13.60	99.99	49.99	
28	8805	5	1602	1715	1	0		18.57	4.42	9.23	0.15	0.84	0.70	1.31	0.19	
29	8805	6	1602	1729	1	0		19.48	4.85	2.90	0.33	0.65	0.00	1.37	0.26	
30	8805	7	1601	1800	1	0		20.07	4.66	2.88	0.18	0.45	0.40	0.70	0.12	
31	8805	8	1602	1830	1	0		20.29	4.62	1.26	0.09	0.41	0.00	0.69	0.05	
32	8805	9	1602	1900	1	0		20.67	4.35	0.80	0.08	0.35	0.60	0.41	0.08	
33	8805	10	1529	1829	1	0		20.04	4.42	0.82	0.10	0.39	0.00	0.64	0.10	
34	8805	11	1530	1760	1	0		21.15	4.56	0.47	0.03	0.32	0.00	0.62	0.09	
35	8805	12	1530	1729	1	0		20.51	4.93	2.08	0.08	0.44	0.00	1.64	0.17	
36	8805	13	1529	1729	1	0		19.14	4.52	10.17	0.31	0.82	1.30	1.39	0.17	
37	8805	14	1529	1711	1	0		18.98	4.69	9.73	0.40	0.85	0.80	1.69	0.28	
38	8805	14	1529	1711	2	5		19.04	4.43	9.41	0.30	0.80	1.00	1.78	0.33	
39	8805	14	1529	1711	3	10		18.99	4.58	2.71	0.31	0.84	1.70	-1.71	0.20	
40	8805	14	1529	1711	4	20		18.56	4.19	2.96	0.39	0.95	3.00	1.20	0.16	
41	8805	14	1529	1711	5	30		17.55	3.16	15.22	1.23	1.21	3.80	0.65	0.11	
42	8805	14	1529	1711	6	50		17.18	3.07	15.34	0.96	1.34	4.70	0.40	0.07	
43	8805	14	1529	1711	7	75		16.75	2.82	19.73	0.29	1.47	5.80	0.15	0.02	
44	8805	14	1529	1711	8	100		16.29	2.19	19.99	0.23	1.49	5.90	0.11	0.01	
45	8805	14	1529	1711	9	150		14.56	99.99	22.38	0.13	1.65	6.00	99.99	99.99	
46	8805	14	1529	1711	10	200		13.88	99.99	22.49	0.08	1.63	6.40	99.99	99.99	
47	8805	14	1525	1711	11	300		12.78	99.99	26.52	0.08	1.89	6.40	99.99	99.99	
48	8805	14	1525	1711	12	400		11.87	99.99	26.63	0.09	1.99	6.70	99.99	99.99	
49	8805	15	1525	1706	1	0		18.62	4.39	7.61	0.49	0.88	3.10	1.61	0.36	
50	8805	15	1525	1706	2	10		18.38	4.65	10.74	0.88	1.41	3.70	1.73	0.34	
51	8805	15	1525	1706	3	20		17.66	3.38	11.61	1.10	1.21	3.00	1.13	0.25	
52	8805	15	1525	1706	4	30		17.15	2.98	15.88	0.88	1.23	3.90	0.49	0.05	
53	8805	15	1529	1706	5	50		16.65	2.58	15.41	0.73	1.21	3.90	0.31	-0.08	
54	8805	15	1529	1706	6	75		16.34	2.33	14.32	0.67	1.21	4.00	0.10	0.03	2
55	8805	15	1529	1706	7	100		15.93	1.55	16.48	0.23	1.28	4.80	0.06	0.02	
56	8805	15	1529	1706	8	140		14.71	1.54	16.56	0.43	1.35	5.60	0.05	0.02	
57	8805	15	1529	1706	9	180		14.15	1.50	16.02	0.19	1.32	5.60	99.99	99.99	
58	8805	16	1529	1658	1	0		17.96	3.78	11.75	0.38	1.00	0.80	3.59	0.67	
59	8805	16	1529	1658	2	10		17.46	3.38	15.77	0.55	1.23	1.70	2.91	0.56	
60	8805	16	1529	1658	3	20		16.34	1.78	21.74	0.38	1.60	2.00	0.20	0.07	
61	8805	16	1529	1658	4	30		16.25	1.70	22.59	0.31	1.67	4.10	0.22	0.06	
62	8805	16	1529	1658	5	50		15.54	1.60	23.07	0.25	1.70	9.90	0.20	0.08	
63	8805	16	1529	1658	6	90		15.33	1.49	20.04	0.47	1.54	9.80	0.16	0.05	
64	8805	17	1530	1651	1	0		16.97	3.94	11.78	0.58	1.00	1.10	3.06	0.78	
65	8805	17	1530	1651	2	10		16.87	3.47	13.30	0.67	1.15	3.60	3.03	0.47	
66	8805	17	1530	1651	3	20		16.94	3.31	12.63	0.55	0.94	2.20	5.79	1.35	
67	8805	17	1530	1651	4	30		16.60	2.60	12.63	0.55	0.94	2.20	5.79	1.35	
68	8805	17	1530	1651	5	40		15.51	1.52	20.15	0.41	1.19	8.10	0.65	0.17	
69	8805	18	1530	1643	1	0		17.30	3.35	18.58	1.07	1.58	5.60	1.50	0.67	
70	8805	18	1530	1643	2	10		15.98	2.02	22.28	1.92	1.83	6.70	2.02	0.19	
71	8805	19	1500	1705	1	0		18.24	3.56	15.52	0.67	1.24	8.00	1.93	0.25	
72	8805	19	1500	1715	2	10		16.89	2.60	16.73	0.80	1.34	8.80	0.99	0.26	
73	8805	20	1500	1715	1	0		19.09	4.60	9.06	0.45	0.93	2.00	0.91	0.47	

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	0.2	NO3	NO2	PO4	SIO4	CHLT	PHEOP	RAI
73	8805	20	1500	1715	1	0	19.09	A.60	9.06	0.45	0.93	2.00	1.91	0.47	3
74	8805	20	1500	1715	2	10	17.99	4.60	12.14	0.69	0.99	1.50	6.73	1.54	3
75	8805	20	1500	1715	3	20	17.43	3.84	13.50	1.14	1.36	2.30	3.59	0.92	3
76	8805	20	1500	1715	4	30	17.14	3.50	16.03	0.76	1.23	6.50	2.06	0.41	3
77	8805	20	1500	1715	5	40	16.46	2.35	20.86	0.83	1.55	7.80	0.88	0.15	3
78	8805	21	1500	1715	1	0	19.34	A.68	6.35	0.38	0.78	2.00	1.25	0.37	3
79	8805	21	1500	1715	2	10	18.22	4.20	13.30	0.46	1.22	4.40	1.45	0.42	3
80	8805	21	1500	1715	3	20	17.87	3.50	13.65	0.65	1.20	5.30	0.70	0.24	3
81	8805	21	1500	1715	4	30	17.53	2.91	15.95	0.55	1.31	5.40	0.14	0.04	3
82	8805	21	1500	1715	5	50	16.51	2.16	17.12	0.59	1.38	5.70	0.77	0.21	J
83	8805	21	1500	1715	6	75	15.89	1.52	19.83	0.57	1.51	6.50	0.10	0.03	3
84	8805	21	1500	1715	7	100	15.54	1.64	23.20	0.39	1.72	8.60	0.07	0.02	3
85	8805	22	1500	1721	1	0	19.47	5.47	7.82	0.94	1.00	0.10	1.74	0.42	3
86	8805	22	1500	1721	2	10	19.11	5.17	7.96	0.49	0.79	0.50	1.58	0.34	3
87	8805	22	1500	1721	3	20	17.98	3.91	10.24	0.57	0.99	2.00	1.38	0.16	3
88	8805	22	1500	1721	A	30	17.83	3.50	9.72	0.51	0.96	2.10	0.99	0.26	3
89	8805	22	1500	1721	5	50	17.22	3.56	5.38	0.65	1.20	3.60	0.12	0.03	3
90	8805	22	1500	1721	6	75	16.40	2.46	5.17	0.06	1.08	4.00	0.08	0.01	3
91	8805	22	1500	1721	7	100	16.05	-1.90	5.44	0.08	1.15	4.60	0.07	0.02	3
92	8805	22	1500	1721	8	1 5 0	15.81	1.85	5.27	0.74	1.18	4.60	0.05	0.01	3
93	8805	22	1500	1721	9	200	15.75	1.74	5.19	0.49	1.10	5.20	0.04	0.00	3
94	8805	22	1500	1721	10	300	14.69	1.61	99.99	99.99	99.99	6.50	99.99	99.99	3
95	8805	22	1500	1721	11	400	13.42	1.61	6.96	0.28	1.33	5.30	99.99	99.99	3
96	8805	22	1500	1721	12	5 0 0	12.13	1.54	7.45	0.20	1.65	7.10	99.99	99.99	3
97	8805	23	1459	1732	1	0	19.49	A.98	3.56	0.39	0.95	1.40	1.48	0.44	3
98	8805	24	1500	1800	1	0	18.79	5.01	5.84	0.48	0.72	0.00	5.92	0.96	3
99	8805	25	1500	1830	1	0	21.44	99.99	0.56	0.25	0.45	1.20	0.59	0.14	3
100	8805	26	1459	1900	1	0	21.21	4.90	0.55	0.19	0.35	0.40	0.36	0.07	3
101	8805	27	1434	1859	1	0	21.45	A.55	0.36	0.10	0.36	0.50	0.08	0.03	4
102	8805	28	1436	1833	1	0	20.89	A.68	0.80	0.24	0.51	2.40	1.61	0.54	4
103	8805	29	1435	1800	1	0	19.44	A.68	5.37	0.36	0.76	2.10	1.95	0.43	4
104	8805	30	1434	1744	1	0	18.92	5.15	4.56	0.44	0.82	2.20	5.38	1.57	4
105	8805	30	1434	1744	2	10	18.28	5.47	6.55	0.55	0.79	2.30	4.44	1.05	4
106	8805	30	1434	1744	3	20	18.13	5.13	6.37	0.51	0.83	1.70	6.28	2.08	4
107	8805	30	1434	1744	4	30	16.65	2.56	14.13	0.64	1.27	5.40	1.19	0.43	4
108	8805	30	1434	1744	5	50	15.37	1.93	19.77	0.29	4.70	6.70	0.18	0.05	4
109	8805	30	1434	1744	6	75	14.91	1.85	16.65	0.22	1.48	6.40	0.08	0.03	4
110	8805	30	1434	1744	7	100	14.61	1.85	15.17	0.24	3.06	7.10	0.07	0.03	4
111	8805	30	1434	1744	8	150	14.21	1.82	18.73	0.16	1.56	7.50	0.10	0.05	4
112	8805	30	1434	1744	9	200	13.90	1.82	20.21	0.15	2.73	7.80	0.02	0.01	4
113	8805	30	1434	1744	10	300	13.10	1.71	20.34	0.16	1.62	8.10	99.99	99.99	4
114	8805	30	1434	1744	11	400	12.28	1.53	22.22	0.22	1.70	9.30	99.99	99.99	4
115	8805	30	1434	1744	12	500	10.13	1.24	24.58	0.16	1.98	11.70	99.99	99.99	4
116	8805	31	1435	1736	1	0	17.90	5.72	6.29	0.56	0.92	3.10	8.74	1.69	4
117	8805	31	1435	1736	2	10	17.73	4.97	8.86	0.57	1.09	2.90	6.05	1.10	4
118	8805	31	1435	1736	3	20	16.14	1.81	22.88	0.16	1.87	7.20	0.72	0.15	4
119	8805	31	1435	1736	A	30	15.35	1.61	22.57	0.16	1.86	7.20	0.05	0.05	4
120	8805	31	1435	1736	5	50	14.94	1.58	22.53	0.15	1.90	8.30	0.08	0.04	4
121	8805	31	1435	1736	6	75	14.63	1.43	22.50	0.17	1.92	8.60	0.13	0.04	4
122	8805	31	1435	1736	7	100	14.47	1.42	24.29	0.18	1.65	7.80	0.13	0.05	4
123	8805	31	1435	1736	8	125	14.29	1.42	24.43	0.17	1.74	13.30	0.12	0.04	4
124	8805	32	1435	1730	1	0	17.10	A.55	9.66	0.44	0.87	2.40	5.92	1.27	4
125	8805	32	1435	1730	2	10	16.74	1.98	19.24	0.42	1.41	3.50	1.87	0.47	4
126	8805	32	1435	1730	3	20	16.57	1.79	20.26	0.41	1.42	6.50	2.07	0.40	4
127	8805	32	1435	1730	A	30	16.05	1.30	23.54	0.23	1.63	7.10	0.58	0.13	4
128	8805	32	1435	1730	5	50	14.86	1.42	24.64	0.17	1.72	7.70	0.16	0.06	4
129	8805	33	1435	1721	1	0	16.86	5.20	5.08	0.36	0.70	2.00	6.13	1.05	4
130	8805	33	1435	1721	2	10	15.47	1.94	17.62	0.30	1.28	6.10	1.98	0.48	4
131	8805	33	1435	1721	3	25	15.40	1.73	19.33	0.35	1.57	6.30	2.17	0.46	A
132	8805	34	1435	1711	1	0	15.92	2.68	17.13	0.36	1.55	6.60	2.94	0.17	A
133	8805	34	1435	1711	2	6	15.86	2.38	15.12	0.36	1.37	6.70	2.76	0.54	A
134	8805	34	1435	1711	3	12	15.55	1.57	18.44	0.31	1.30	7.00	1.79	0.27	4
135	8805	35	1407	1702	1	0	16.69	4.80	6.60	0.48	0.76	0.80	8.07	2.73	5
136	8805	35	1407	1702	2	8	16.74	4.74	7.79	0.40	0.79	0.70	7.17	1.53	5
137	8805	36	1407	1716	1	0	16.98	A.58	8.95	0.38	0.74	0.30	6.28	1.70	5
138	8805	36	1407	1716	2	10	16.97	4.63	8.27	0.35	0.72	0.90	6.28	1.67	5
139	8805	36	1407	1716	3	20	16.68	3.29	13.13	0.38	1.01	2.60	1.56	0.38	5
140	8805	36	1407	1716	A	30	16.08	1.65	20.22	0.25	1.45	8.30	A.26	1.02	5
141	8805	36	1407	1716	5	40	15.75	1.43	21.12	0.22	1.70	8.00	0.93	0.21	5
142	8805	37	1407	1727	1	0	19.47	4.04	8.71	0.48	0.81	2.30	1.48	0.36	5
143	8805	37	1407	1727	2	10	19.43	4.07	8.85	0.52	0.88	1.20	1.51	0.28	5
144	8805	37	1407	1727	3	20	18.94	4.00	7.92	0.39	0.77	3.20	1.53	0.28	5
145	8805	37	1407	1727	4	30	18.75	3.73	9.85	0.48	0.89	3.80	1.56	0.34	5

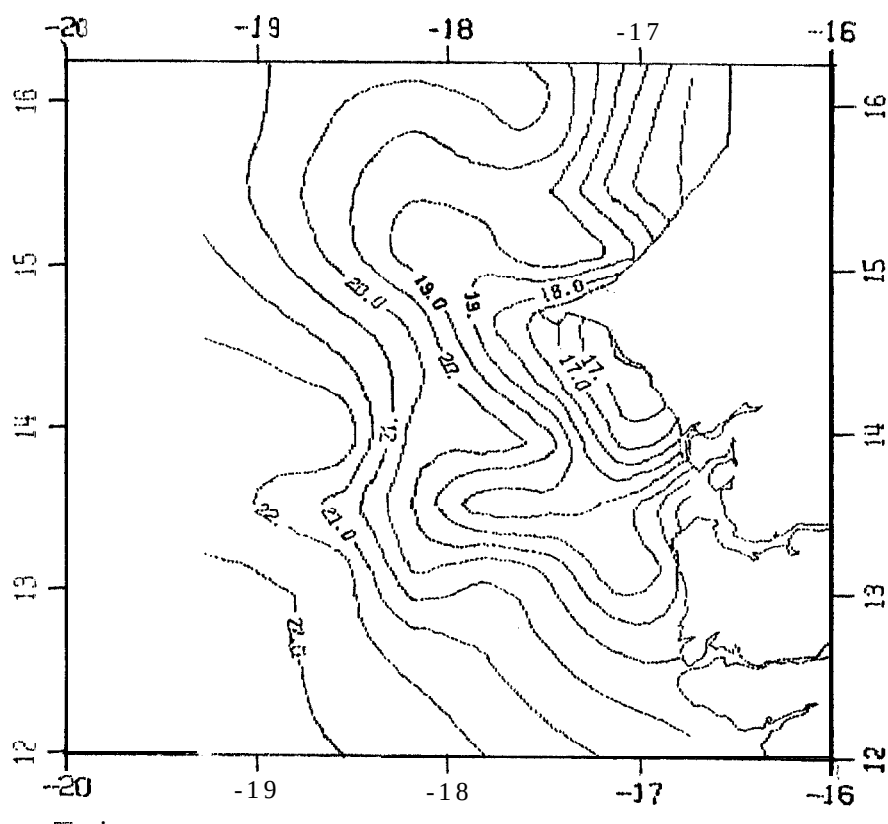
Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	PO4	SIO4	CHLT	PHEOP	RAD	
146	8805	37	1407	1727	5	50	16.80	1.88	20.69	0.28	1.47	4.50	0.63	0.13	5	
148	8805	37	1407	1727	7	90	14.63	1.47	24.37	0.15	1.74	8.70	0.10	0.03	5	
149	8805	38	1407	1735	1	0	19.92	4.30	6.20	0.32	0.73	3.90	2.06	0.42	5	
150	8805	38	1407	1735	2	10	19.04	4.30	8.04	0.45	0.77	2.80	2.13	0.59	5	
151	8805	38	1407	1735	3	20	18.98	4.23	9.07	0.40	0.79	2.80	2.15	0.48	5	
152	8805	38	1407	1735	4	30	18.93	4.12	10.83	0.46	0.89	4.40	2.26	0.55	5	
153	8805	38	1407	1735	5	50	18.41	3.05	12.18	0.41	0.92	5.00	1.67	0.40	5	
154	8805	38	1407	1735	6	75	15.59	1.56	18.66	0.21	1.29	5.60	0.09	0.03	5	
155	8805	38	1407	1735	7	100	14.92	1.57	19.75	0.15	1.40	6.00	0.06	0.02	5	
156	8805	38	1407	1735	8	150	13.95	1.52	21.61	0.10	1.54	7.10	0.09	0.03	5	
157	8805	38	1407	1735	9	200	13.94	1.52	19.64	0.15	1.43	8.00	0.04	0.02	5	
158	8805	38	1407	1735	10	300	12.17	1.43	20.11	0.10	1.41	10.00	99.99	99.99	5	
159	8805	38	1407	1735	11	400	11.25	1.00	22.82	0.24	1.48		99.99		5	
160	8805	38	1407	1735	12	500	9.93	1.17	28.33	0.14	1.85	12.00	9999.99	99.99	5	
161	8805	39	1406	1748	1	0	19.80	4.16	4.93	-0.48	0.72	0.60	2.22	0.31	5	
162	8805	40	1407	1800	1	0	19.96	99.99	7.46	0.48	1.38	0.30			5	
163	8805	41	1407	1830	1	0	21.69	4.59	0.23	0.11	0.42	1.00	0.38	1.94	0.41	5
164	8805	42	1407	1900	1	0	21.88	4.64	0.12	0.08	0.33	0.70	0.72	0.12	5	
165	8805	43	1337	1900	1	0	21.88	4.59	0.19	0.10	0.35	0.40	2.07	0.40	6	
166	8805	44	1337	1829	1	0	20.75	4.86	1.00	0.18	0.44	0.30	2.15	0.44	6	
167	8805	45	1337	1800	1	0	20.23	4.63	4.24	0.24	0.51	0.50	3.12	-0.71	6	
168	8805	46	1338	1745	1	0	18.24	4.25	9.93	0.36	0.80	2.80	1.26	0.33	6	
169	8805	46	1338	1745	2	10	18.03	4.25	9.08	0.33	0.82	2.60	1.20	0.29	6	
170	8805	46	1338	1745	3	20	17.84	4.08	9.41	0.38	0.74	2.90	1.01	0.28	6	
171	8805	46	1338	1745	4	30	17.72	4.03	8.49	0.41	0.77	3.30		0.76	6	
172	8805	46	1338	1745	5	50	16.90	1.85	15.85	0.45	1.28	4.10		0.09	6	
173	8805	46	1338	1745	6	75	15.52	1.85	19.21	0.19	1.43	4.40	0.35	0.09	6	
174	8805	46	1338	1745	7	100	14.50	1.80	20.46	0.15	1.54	7.10	0.18	0.05	6	
175	8805	46	1338	1745	8	150	13.59	99.99	17.53	0.24	1.42	6.90	0.11	0.03	6	
176	8805	46	1338	1745	9	200	12.83	1.80	17.13	0.16	1.37	9.20	0.05	0.02	6	
177	8805	46	1338	1745	10	300	12.05	1.73	20.42	0.15	1.54	10.10	99.99	99.99	6	
178	8805	46	1338	1745	11	400	11.17	1.15	23.35	0.16	1.76	11.20	99.99	99.99	6	
179	8805	46	1338	1745	12	500	9.95	1.13	26.13	0.15	1.90	12.80	99.99	99.99	6	
180	8805	47	1337	1728	1	0	8.64	3.95	16.66	0.66	1.71	3.00	2.03	0.50	6	
181	8805	47	1337	1728	2	10	18.06	4.02	9.43	0.47	1.07	2.80	2.02	0.37	6	
182	8805	47	1337	1728	3	20	17.71	3.52	13.82	0.51	1.22	3.20	1.12	0.43	6	
183	8805	47	1337	1728	4	30	17.47	3.20	15.76	0.51	1.53	4.10	0.53	0.13	6	
184	8805	47	1337	1728	5	50	17.07	99.99	17.40	0.47	1.47	7.00	0.75	0.23	6	
185	8805	47	1337	1728	6	75	16.11	1.64	22.30	0.45	1.69	8.80	0.18	0.05	6	
186	8805	47	1337	1728	7	100	15.89	1.60	22.67	0.32	1.74	8.20	0.22	0.06	6	
187	8805	48	1337	1724	1	0	18.40	4.98	6.73	0.45	0.85	3.00	4.11	0.64	6	
188	8805	48	1337	1724	2	10	17.61	4.58	9.72	-0.45	0.91	3.40	4.56	1.06	6	
189	8805	48	1337	1724	3	20	17.30	3.81	9.91	0.40	0.82	3.60	4.21	0.68	6	
190	8805	48	1337	1724	4	30	16.86	2.65	14.82	0.39	1.28	4.80	3.53	0.99	6	
191	8805	48	1337	1724	5	50	15.79	1.44	22.46	0.26	1.71	6.50	0.25	0.06	6	
192	8805	48	1337	1724	6	75	15.21	1.39	20.15	0.24	1.45	7.80	0.25	0.07	6	
193	8805	49	1337	1714	1	0	18.29	6.93	1.59	0.29	0.21	2.80	0.92	-0.11	6	
194	8805	49	1337	1714	2	10	17.61	6.45	2.04	0.30	0.57	4.50	1.53	0.27	6	
195	8805	49	1337	1714	3	20	17.26	4.70	5.36	0.38	0.78	6.10	1.39	0.24	6	
196	8805	49	1337	1714	4	30	16.16	1.58	16.47	0.34	1.43	7.20	0.57	0.12	6	
197	8805	49	1337	1714	5	45	15.57	1.24	22.28	0.26	1.72	8.00	0.58	0.09	6	
198	8805	50	1338	1652	1	0	19.90	6.30	2.95	0.27	0.65	3.60	1.53	0.30	6	
199	8805	50	1338	1652	2	8	17.97	4.57	7.34	0.49	0.89	6.00	1.74	0.39	6	
200	8805	51	1259	1657	1	0	19.73	5.96	1.03	0.19	0.56	6.40	10.76	2.38	7	
201	8805	51	1259	1657	2	10	19.40	2.01	13.94	0.59	1.46	8.20	10.76	2.38	7	
202	8805	52	1260	1711	1	0	18.60	5.84	3.06	0.20	0.47	5.30	11.57	1.58	7	
203	8805	52	1260	1711	2	10	18.34	3.04	7.06	0.33	0.61	7.00	11.88	1.78	7	
204	8805	52	1260	1711	3	25	16.86	1.52	17.61	0.53	1.53	8.90	7.17	1.46	7	
205	8805	53	1260	1725	1	0	20.14	4.08	4.10	0.37	0.83	4.00	1.12	0.28	7	
206	8805	53	1260	1725	2	10	19.88	4.04	6.65	0.47	0.92	3.90	1.17	0.33	7	
207	8805	53	1260	1725	3	20	19.59	99.99	8.16	0.54	1.02	5.60	1.84	0.52	7	
208	8805	53	1260	1725	4	30	17.82	2.32	15.57	0.58	1.39	7.00	0.82	0.28	7	
209	8805	53	1260	1725	5	40	17.16	1.91	19.89	0.60	1.71	8.20	0.72	0.19	7	
210	8805	54	1300	1740	1	0	20.74	4.43	2.84	0.33	0.78	2.80	0.16	0.03	7	
211	8805	54	1300	1740	2	10	20.71	99.99	22.05	0.29	0.74	2.70	0.19	0.04	7	
212	8805	54	1300	1740	3	20	19.93	4.13	14.67	0.43	1.03	3.00	0.22	0.05	7	
213	8805	54	1300	1740	4	30	19.63	4.08	21.17	0.50	1.11	2.80	0.21	0.05	7	
214	8805	54	1300	1740	5	50	18.28	3.15	13.13	0.64	1.61	4.10	0.13	0.03	7	
215	8805	54	1300	1740	6	75	16.71	1.61	21.43	0.46	1.87	6.40	0.99	0.15	7	
216	8805	54	1300	1740	7	100	16.04	1.55	22.64	0.38	1.87	7.80	0.69	-0.16	7	
217	8805	54	1300	1740	8	150	14.52	1.55	24.76	0.17	2.10	8.20	0.08	0.02	7	
218	8805	54	1300	1740	9	200				0.15	1.01	8.40	0.07	0.03	7	
---	8805	54	1300	1740	10	300	12.67	1.51	24.98	0.13	0.90	10.40	99.99	99.99	7	

Row	Campagnes	Stations	Latitudes	Longitudes	Niveaux	Immersion	Tmp	O2	NO3	NO2	PO4	SIO4	CHLT	PHEOP	RAD
220	8805	54	1300	1740	11	400	10.75	1.19	31.09	0.14	1.17	10.70	99.99	99.99	7
221	8805	54	1300	1740	12	500	9.34	1.15	27.03	0.21	1.10	13.80	99.99	99.99	7
222	8805	55	1259	1800	1	0	20.39	4.35	2.46	0.37	0.51	0.30	0.21	0.05	7
223	8805	56	1300	1830	1	0	21.80	4.52	0.48	0.25	0.45	0.10	0.17	0.04	7
224	8805	-- 57	1259	1900	1	0	99.99	4.79	0.36	0.13	0.39	0.10	0.73	0.10	7

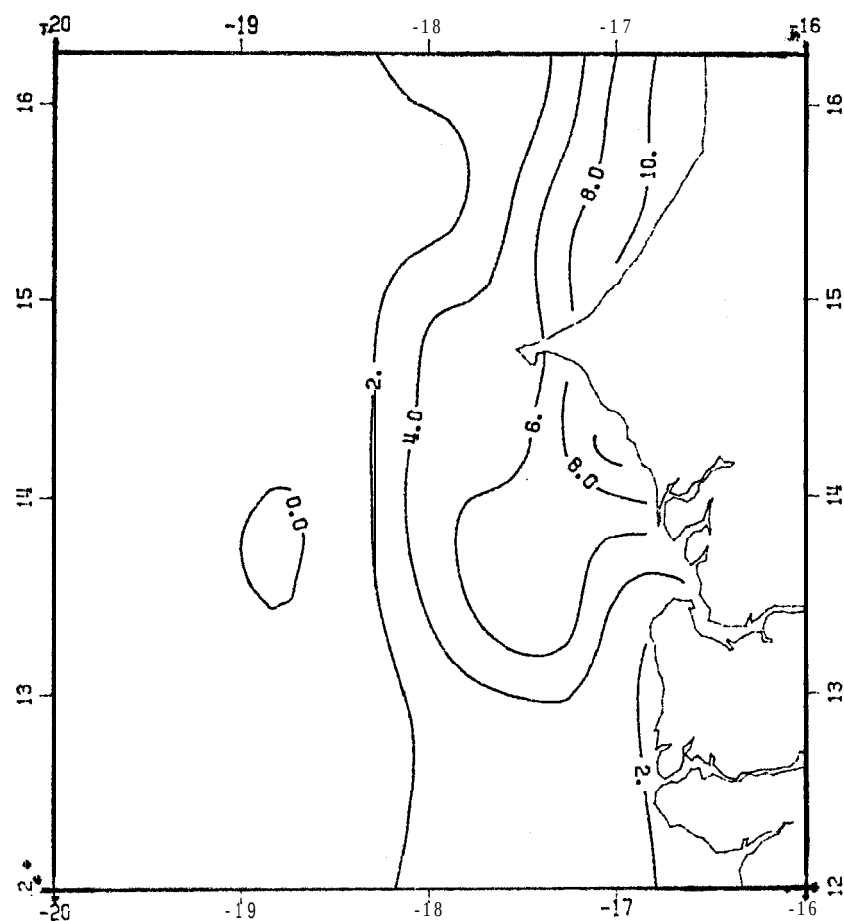
CAMPAGNE LOUIS SAUGER 8805

DU 08/03/1988 AU 14 /03/1988

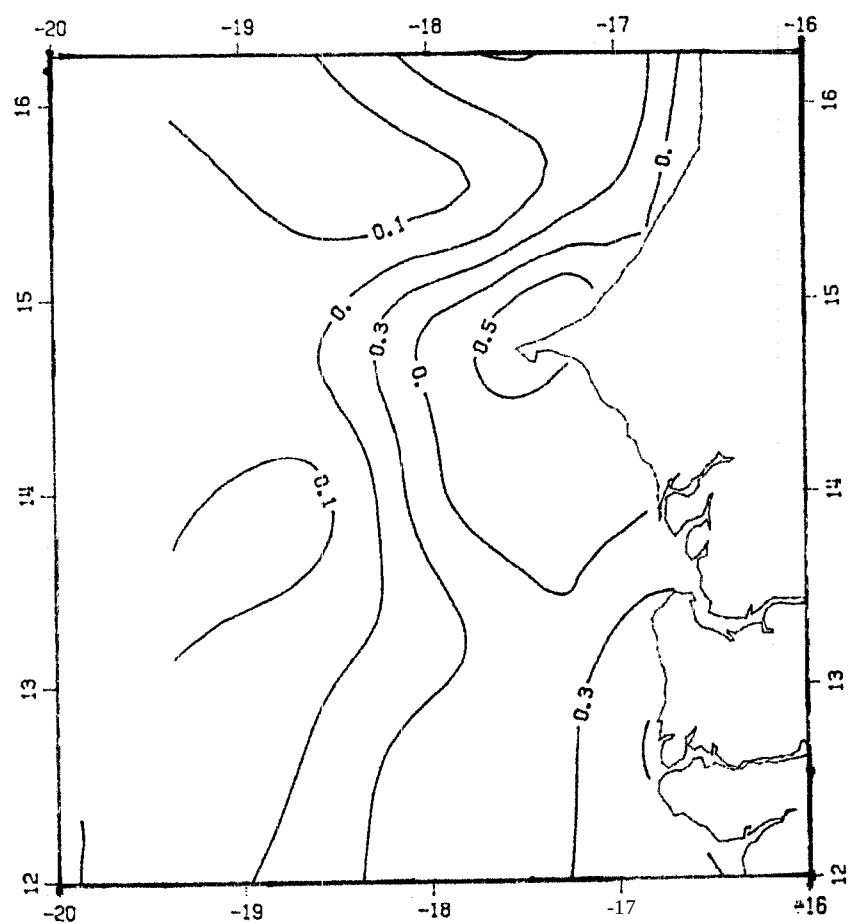
CARTES DE SURFACE ET COUPES



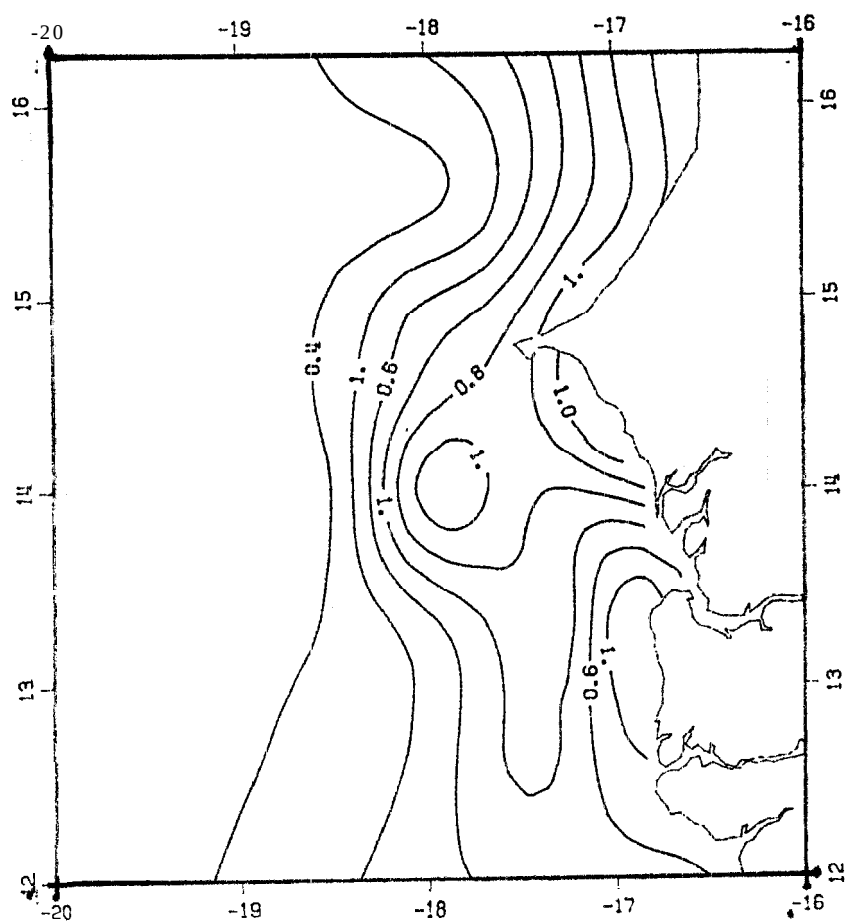
CAMPAGNE 8805 : CARTE DES TEMPERATURES (en °C) EN SURFACE



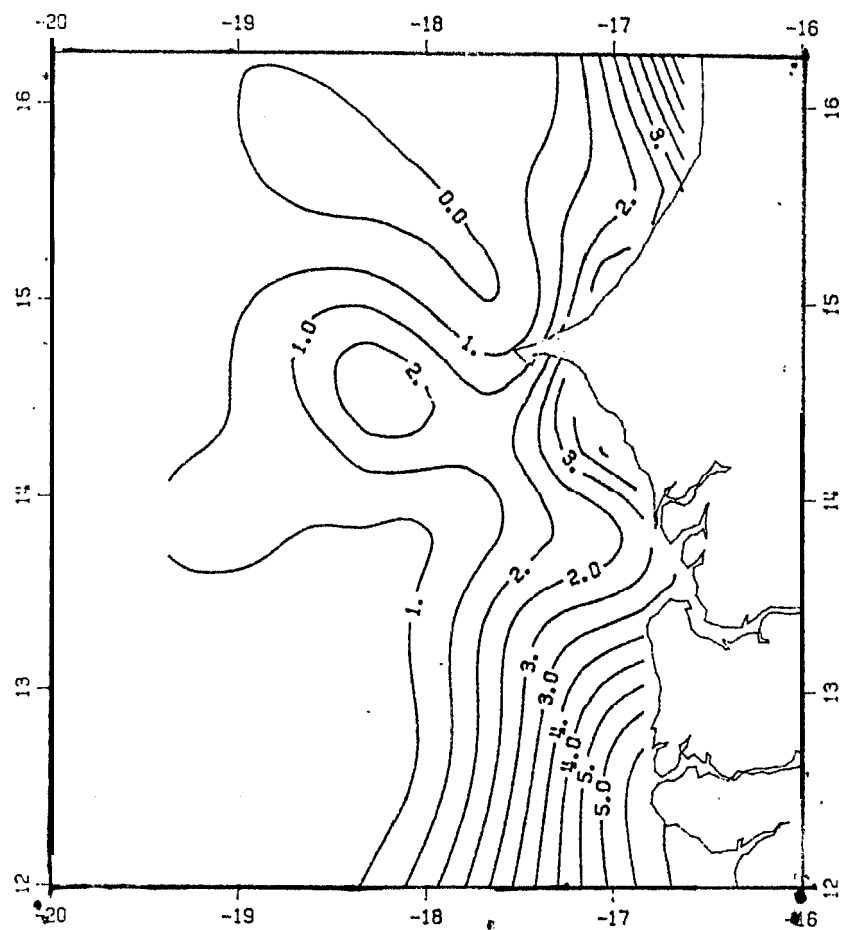
CAMPAGNE 8805 : CARTE DES NITRATES (en µatg/l) EN SURFACE



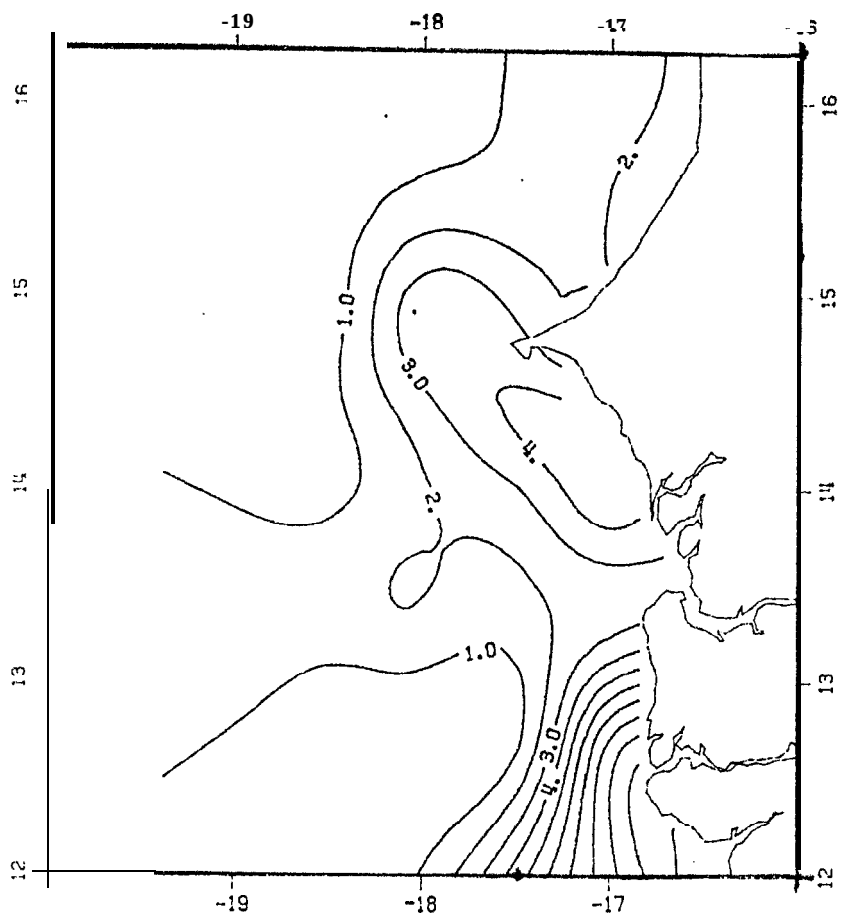
CAMPAGNE 8805 : CARTE DES NITRITES (en $\mu\text{atg/l}$) EN SURFACE



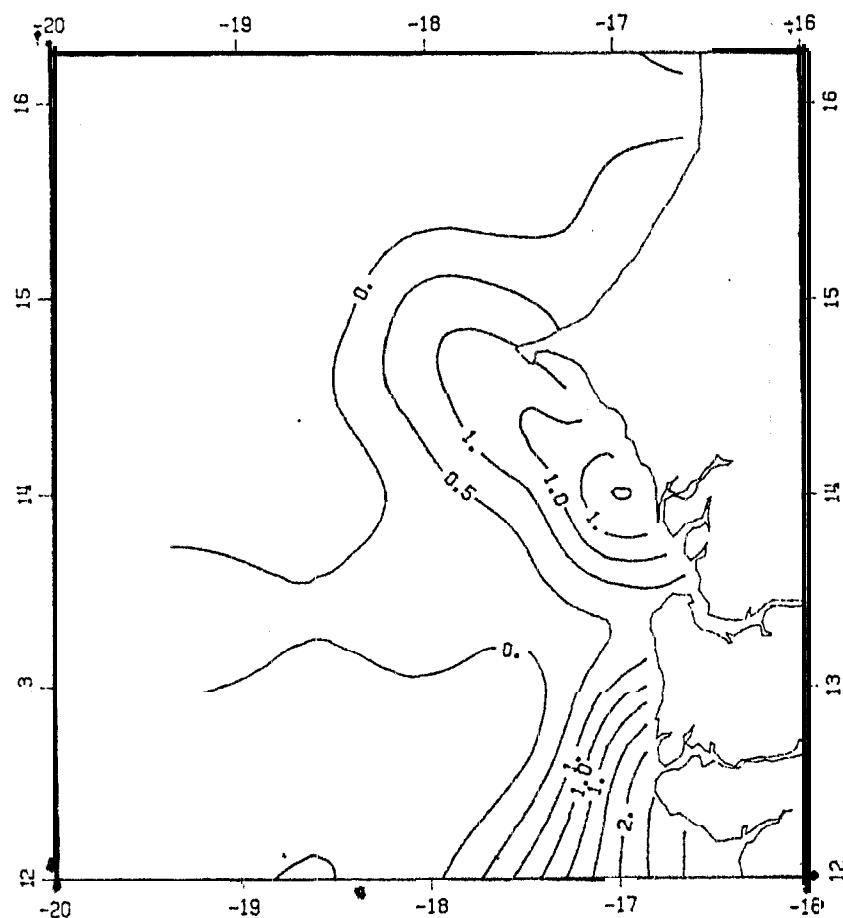
CAMPAGNE 8805 : CARTE DES PHOSPHATES (en $\mu\text{atg/l}$) EN SURFACE



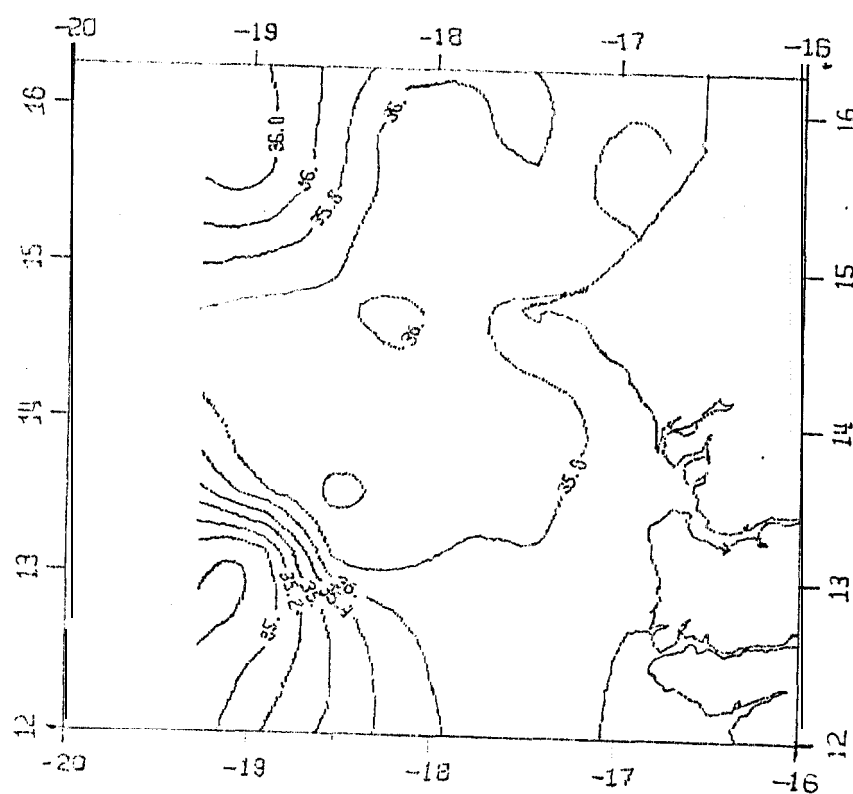
CAMPAGNE 8805 : CARTE DES SILICATES (en $\mu\text{atg/l}$) EN SURFACE

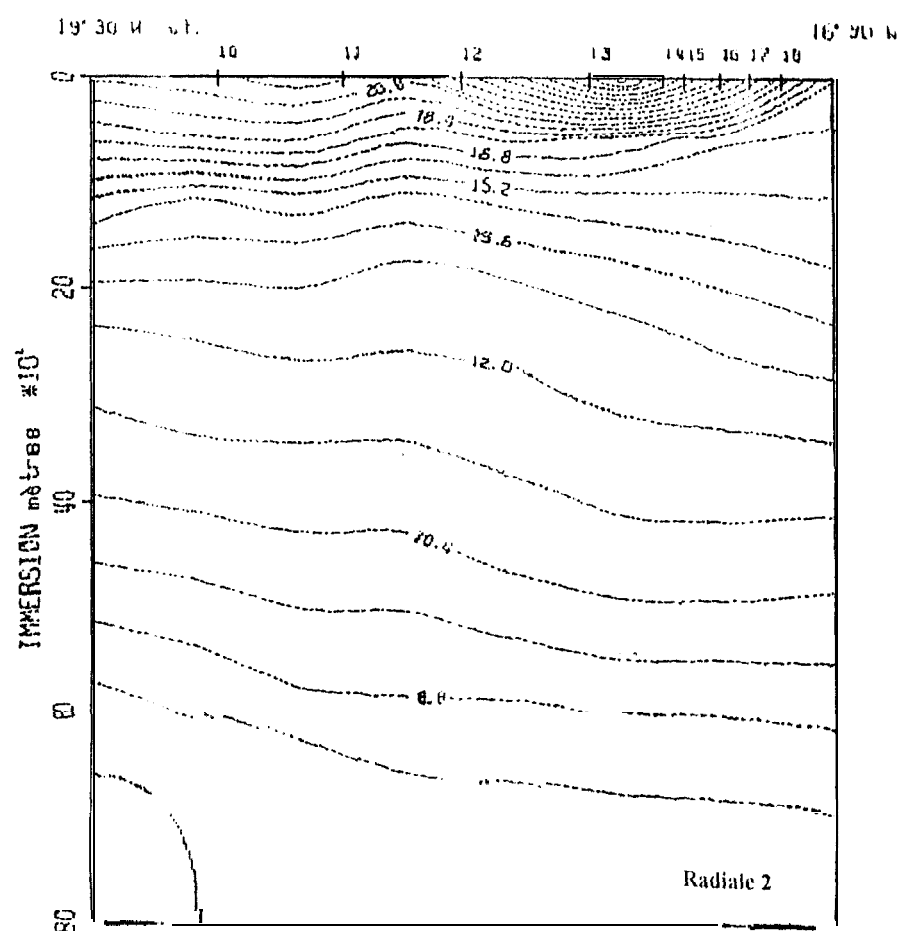
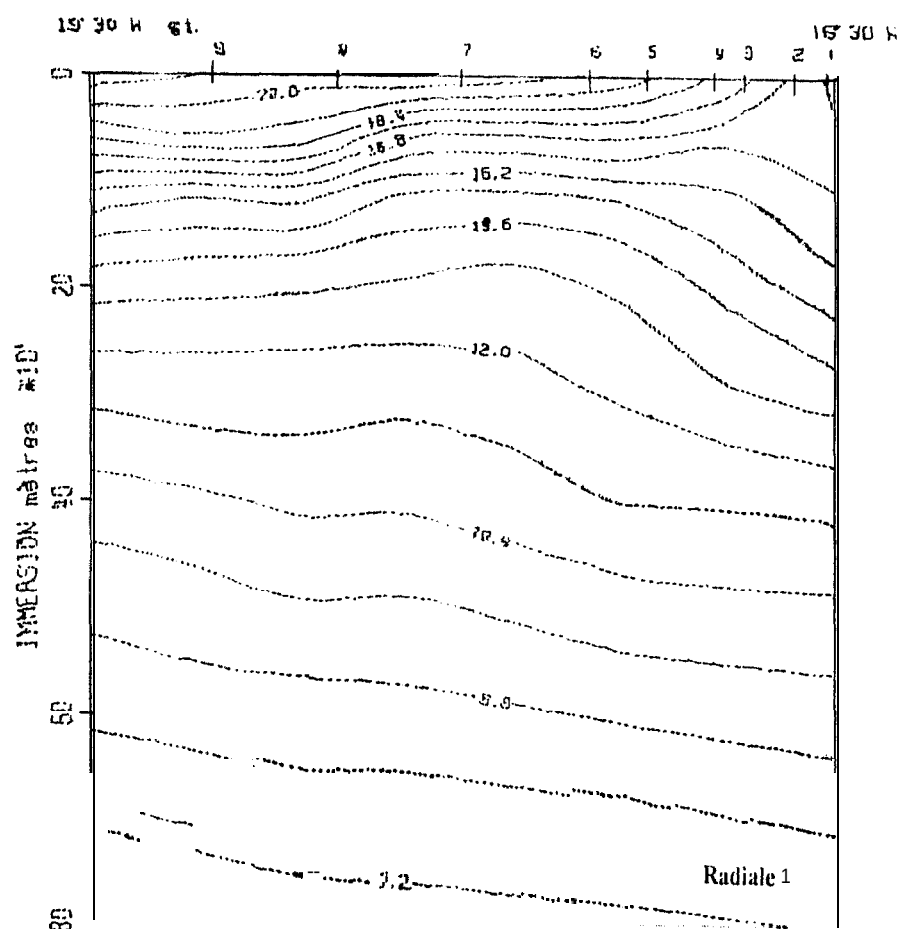


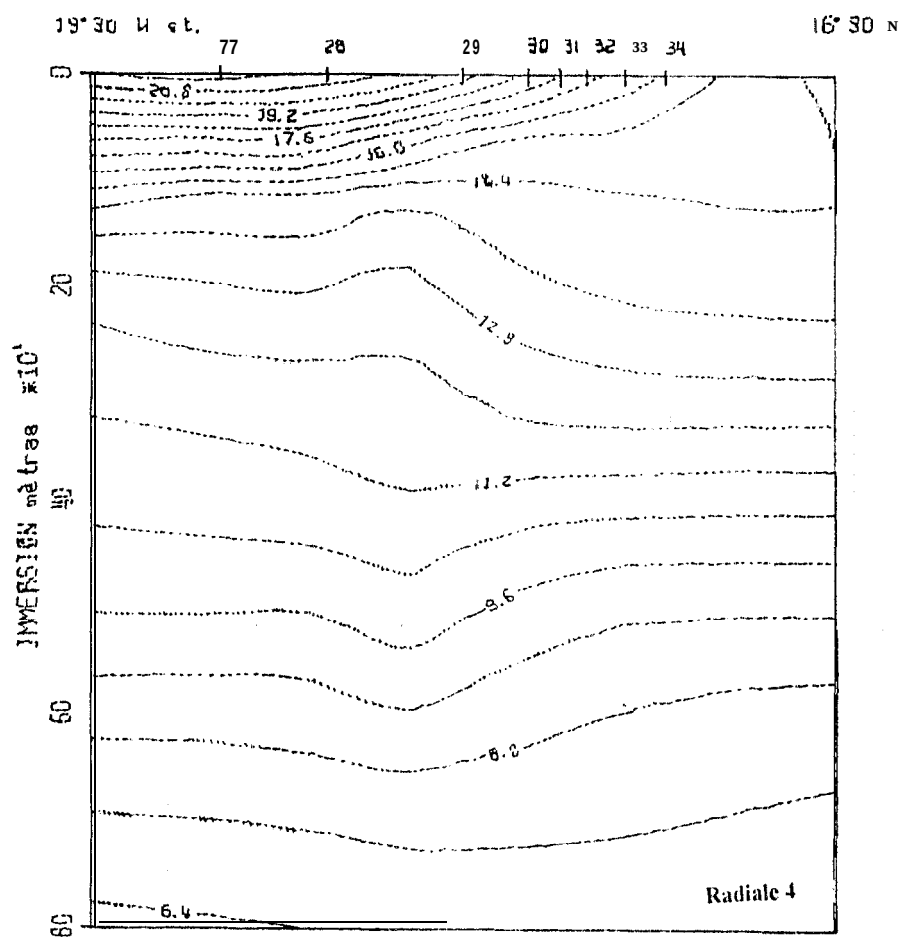
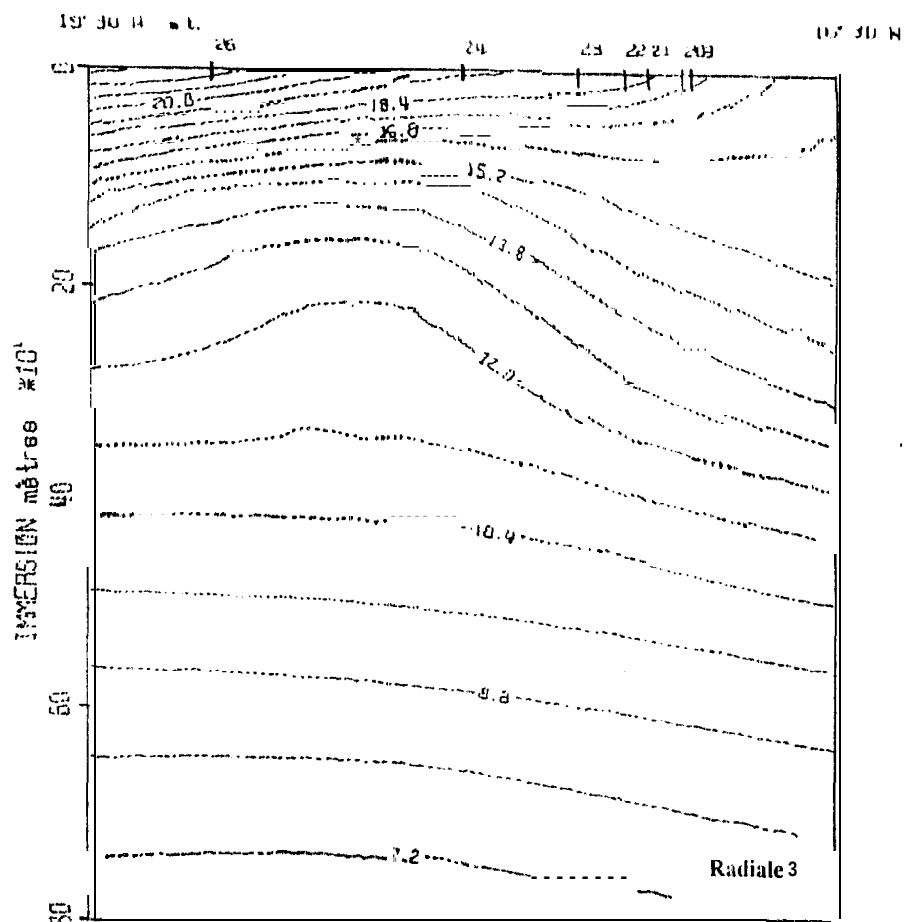
CAMPAGNE 8805 : CARTE DES CHLOROPHYLLES (en $\mu\text{g/l}$) EN SURFACE



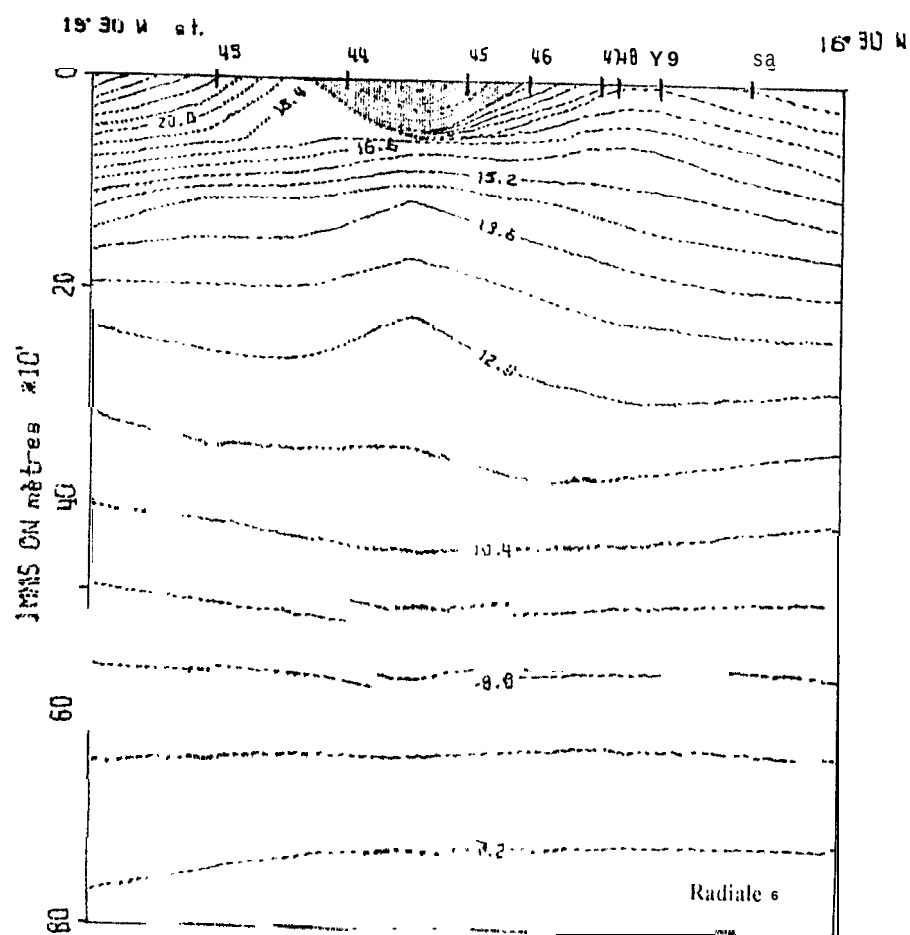
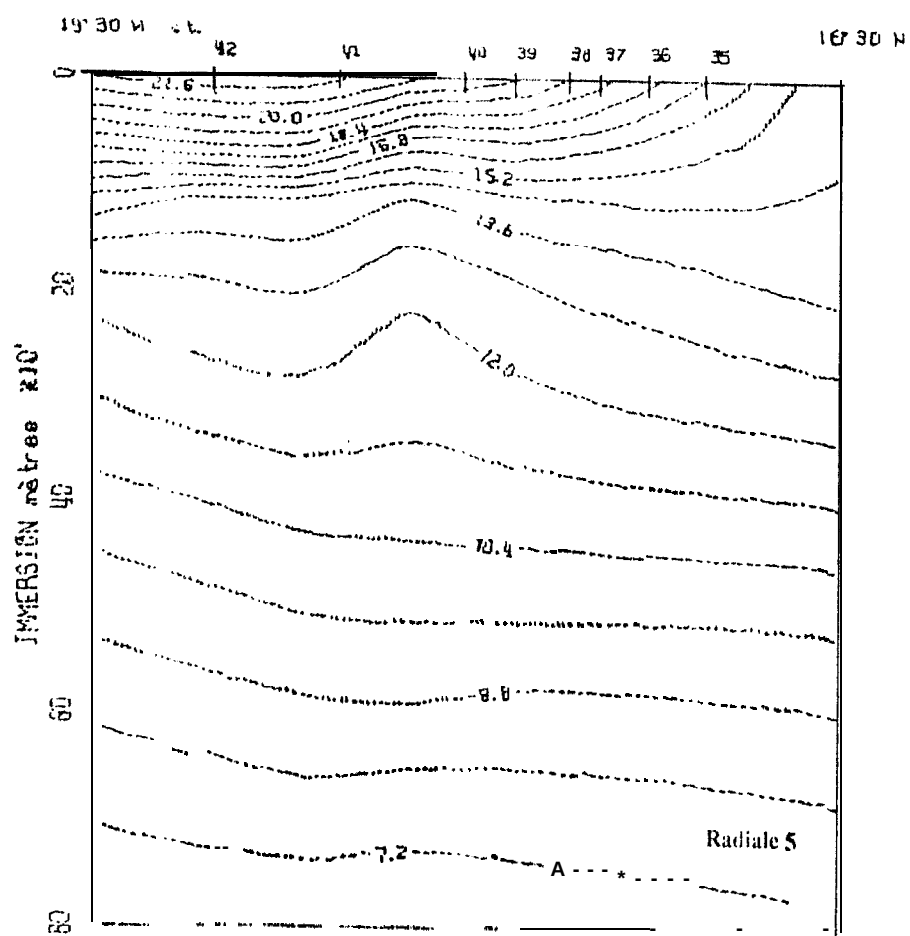
CAMPAGNE 8805 : COUPES DES PHEOPIGMENTS (en $\mu\text{g/l}$) EN SURFACE

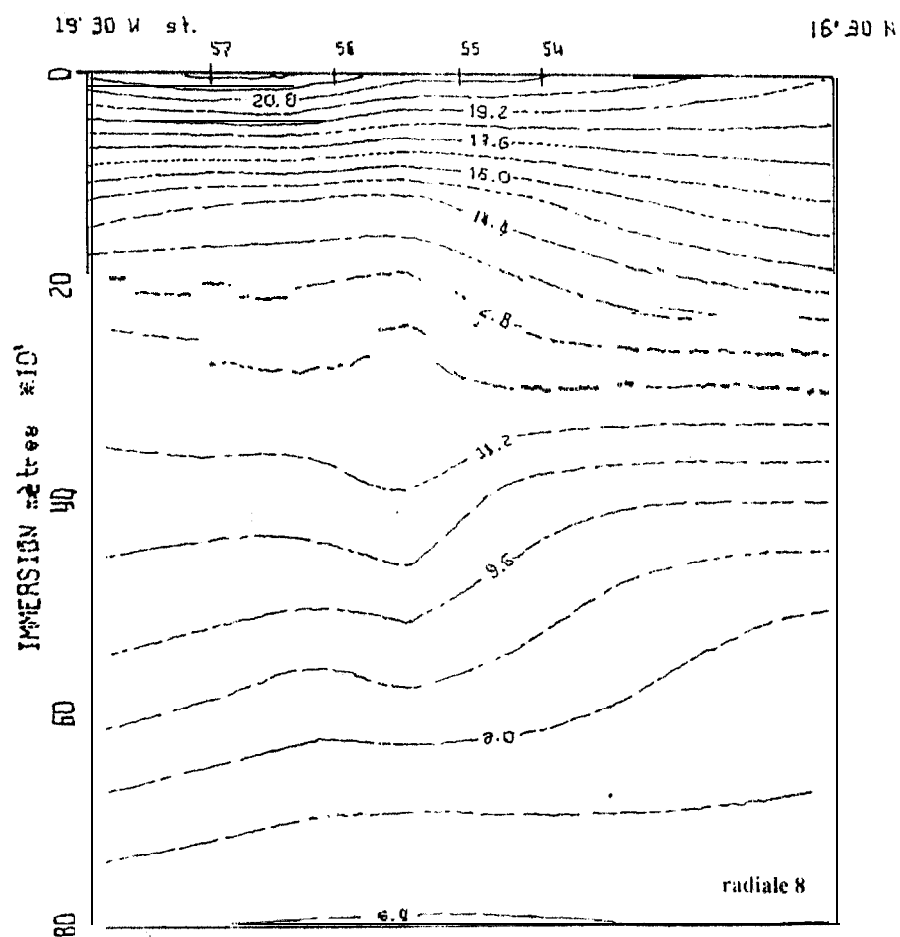
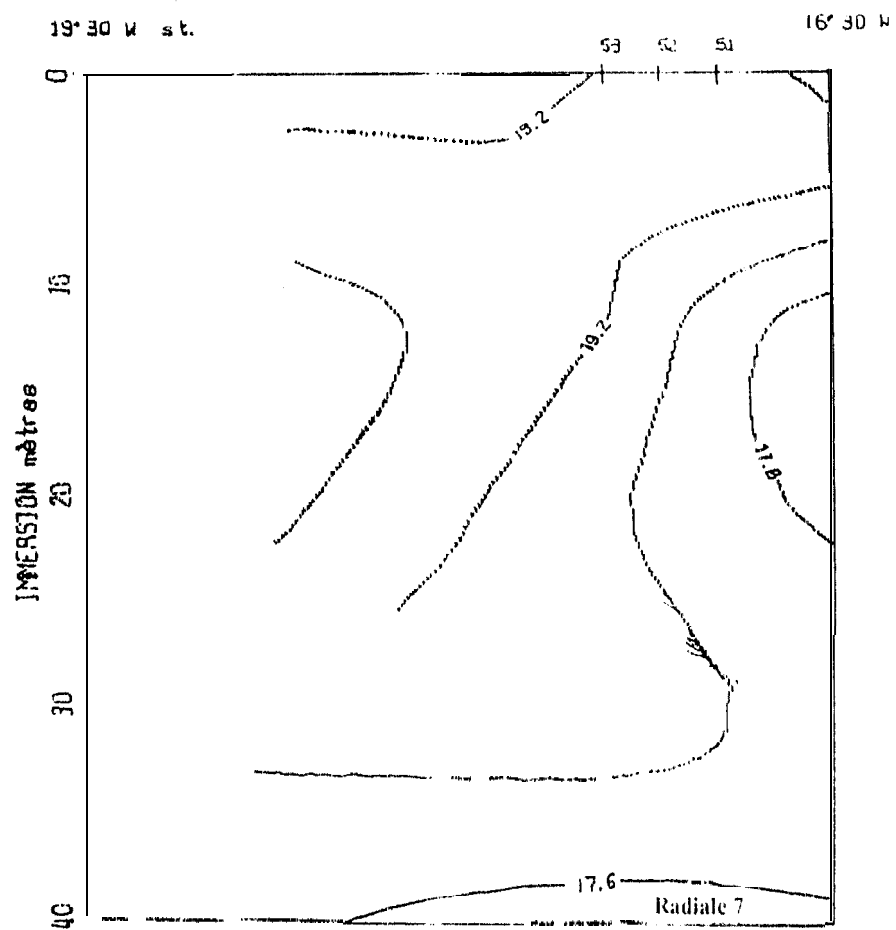


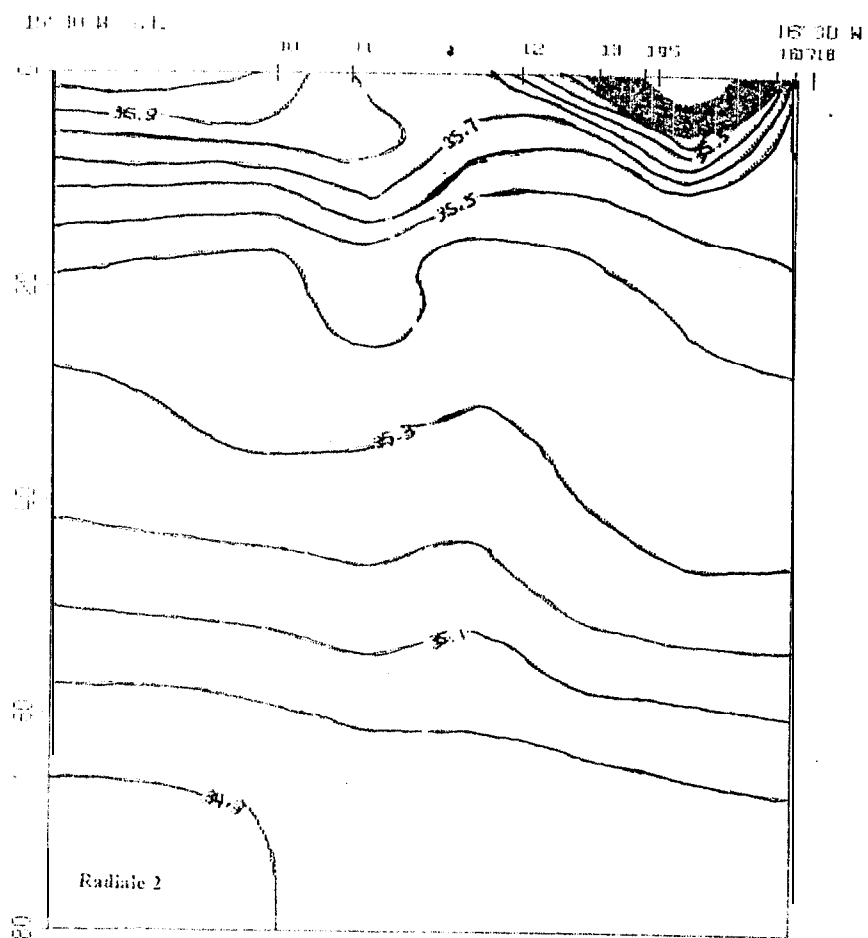
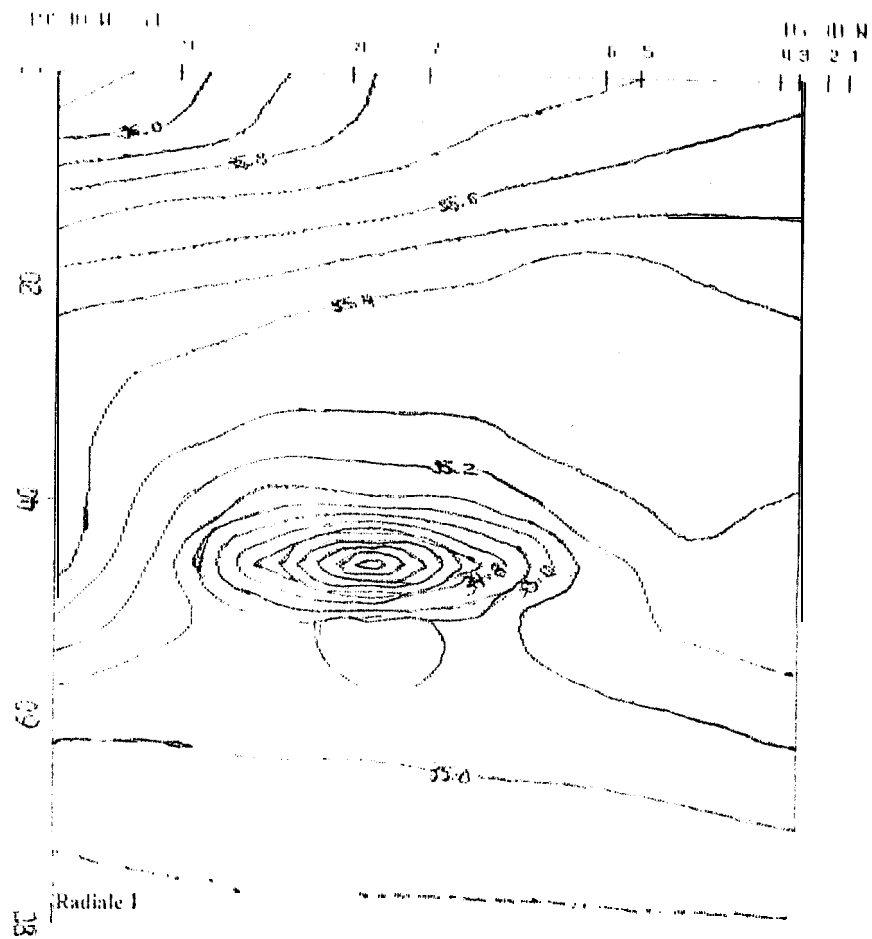


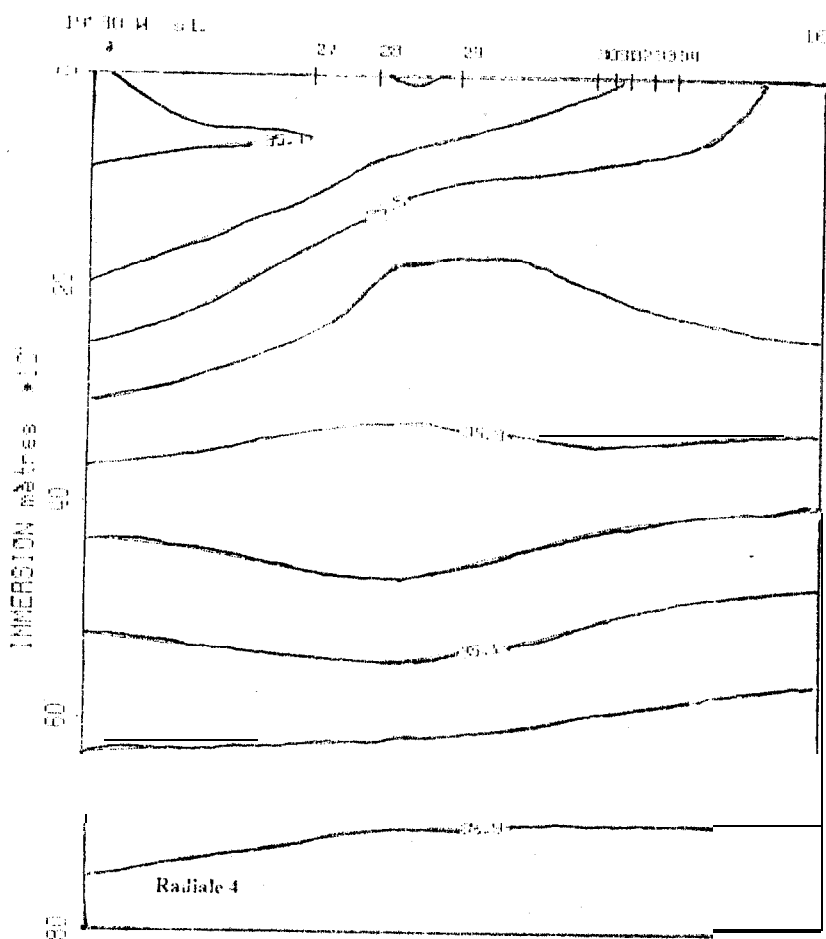
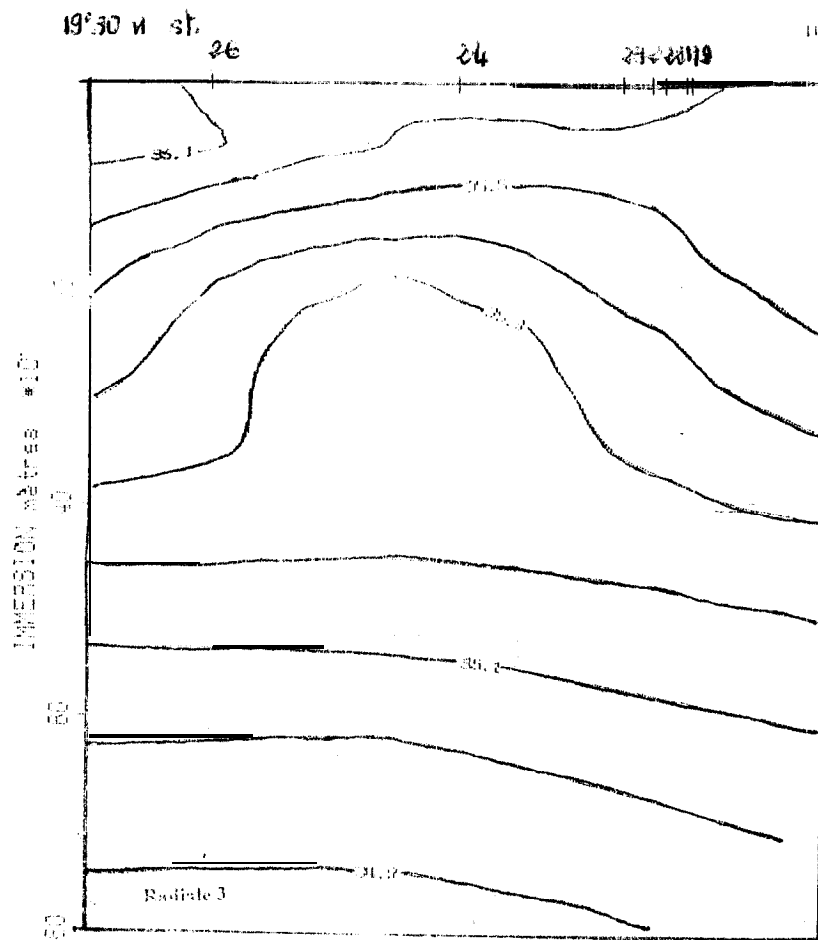


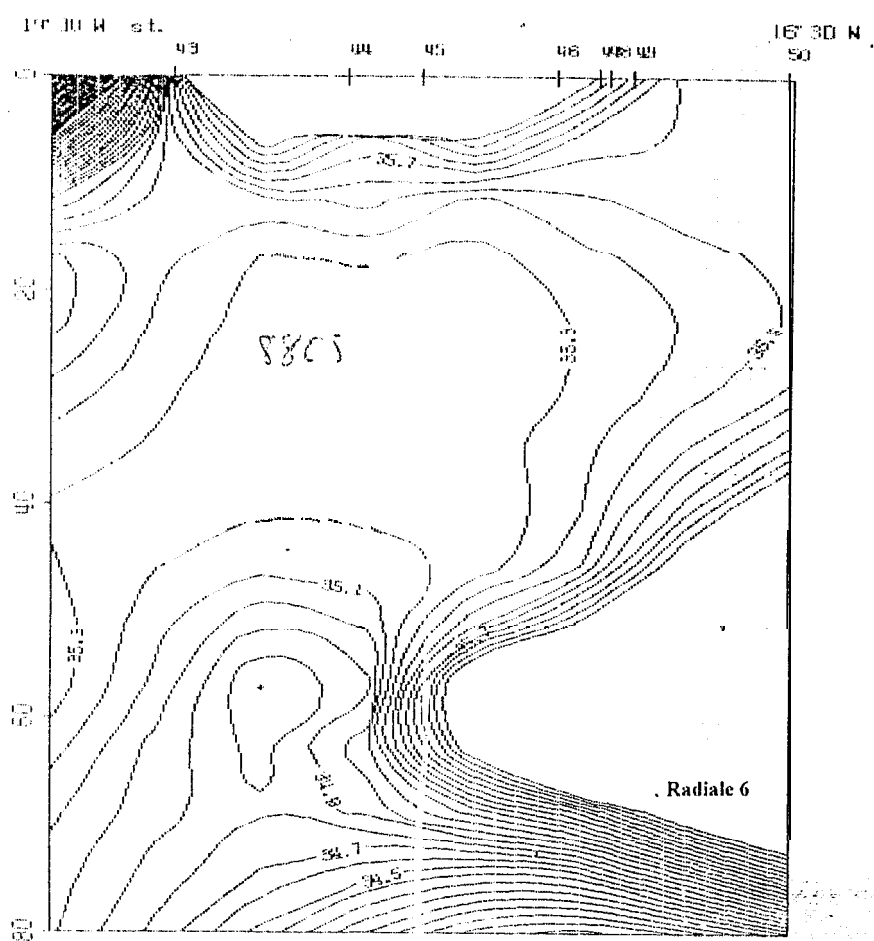
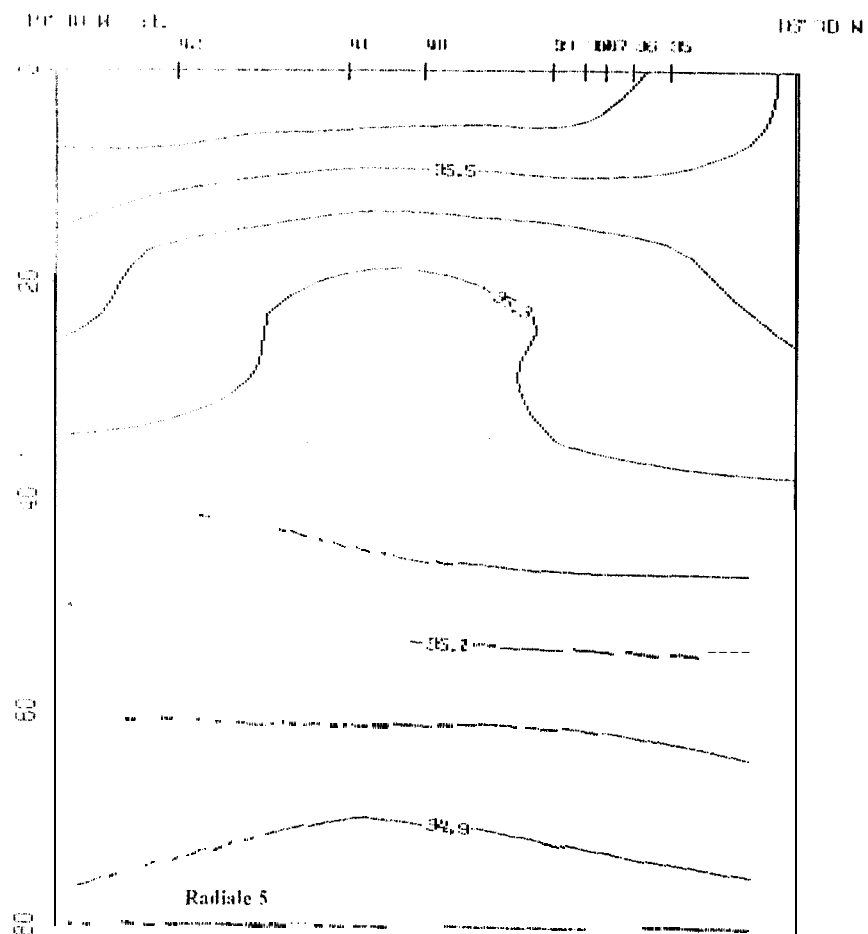
CAMPAGNE 8805 : VARIATION DES TEMPERATURES (en °C) EN FONCTION DE LA PROFONDEUR

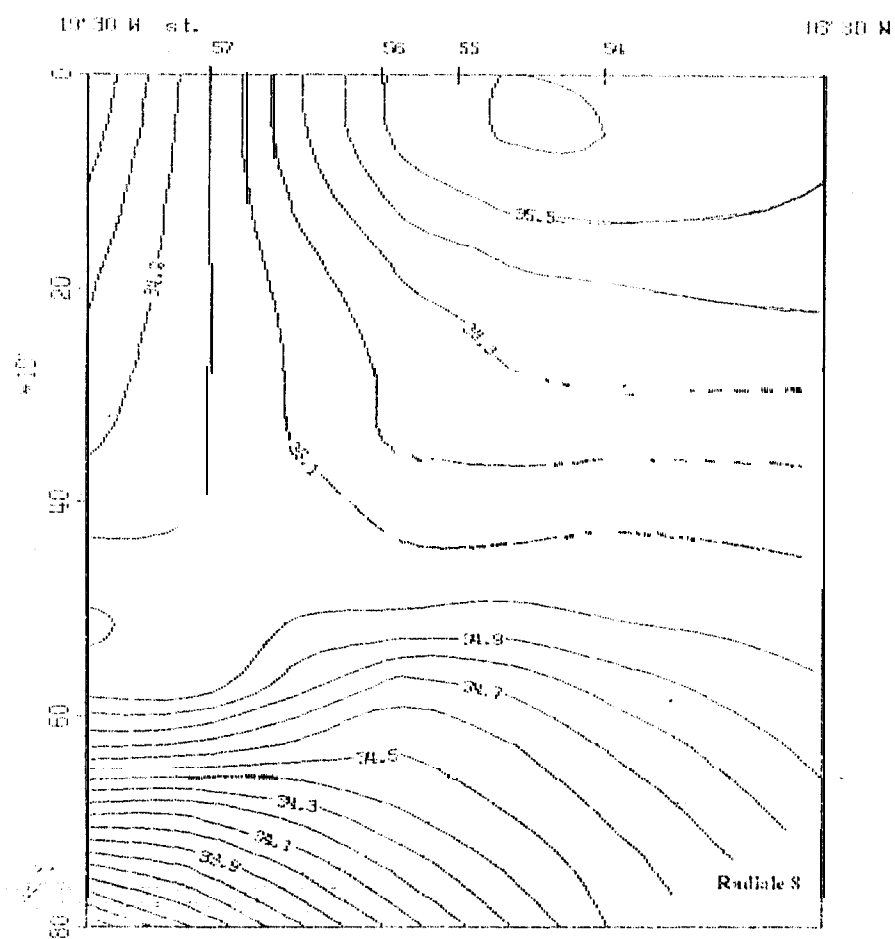
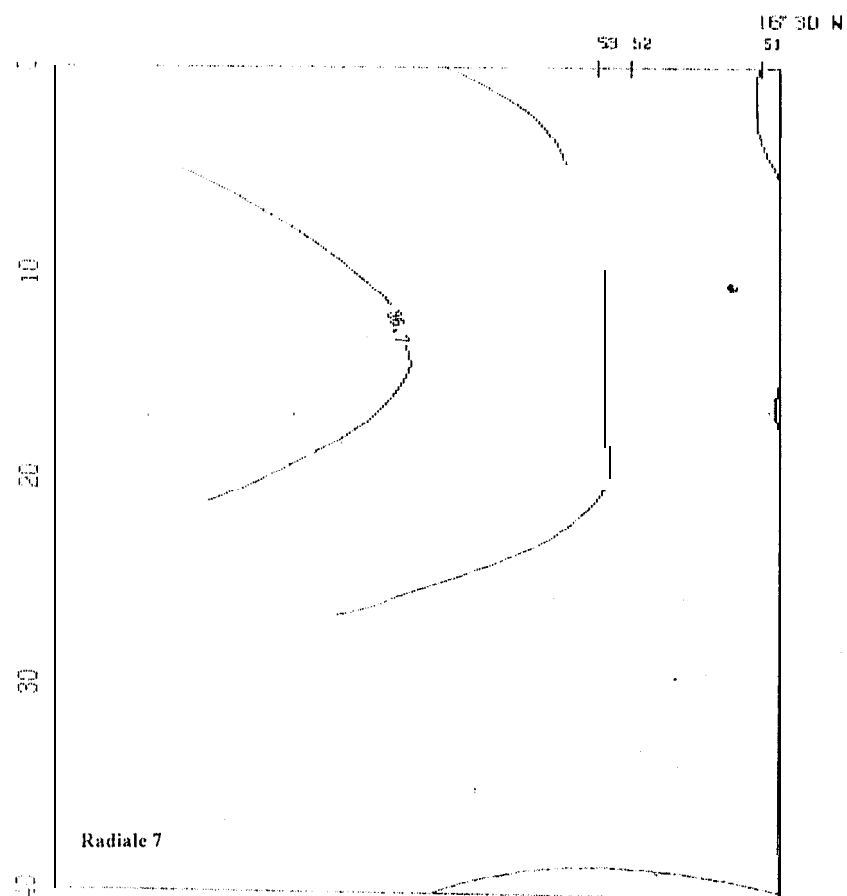


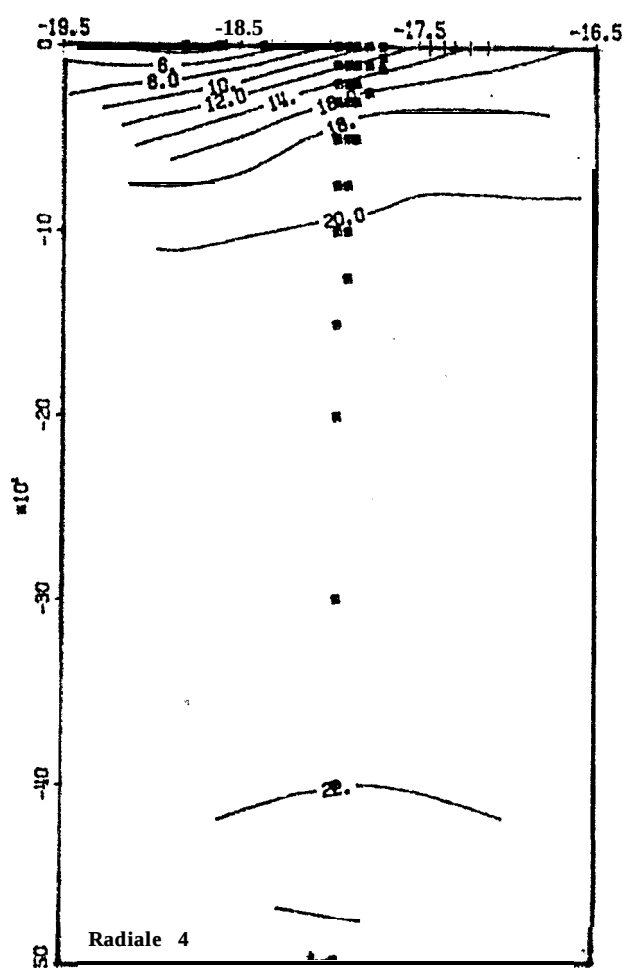
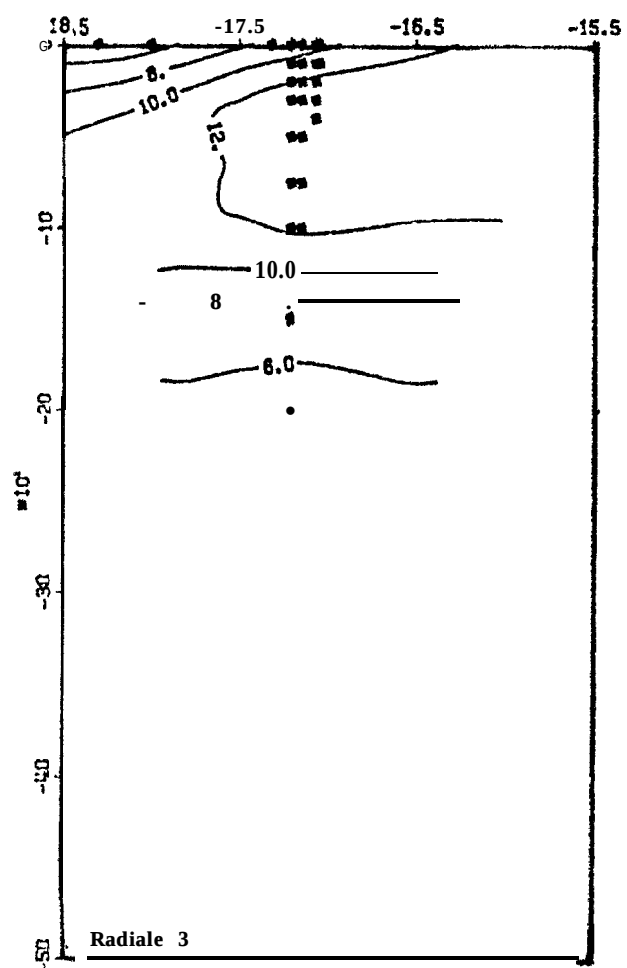
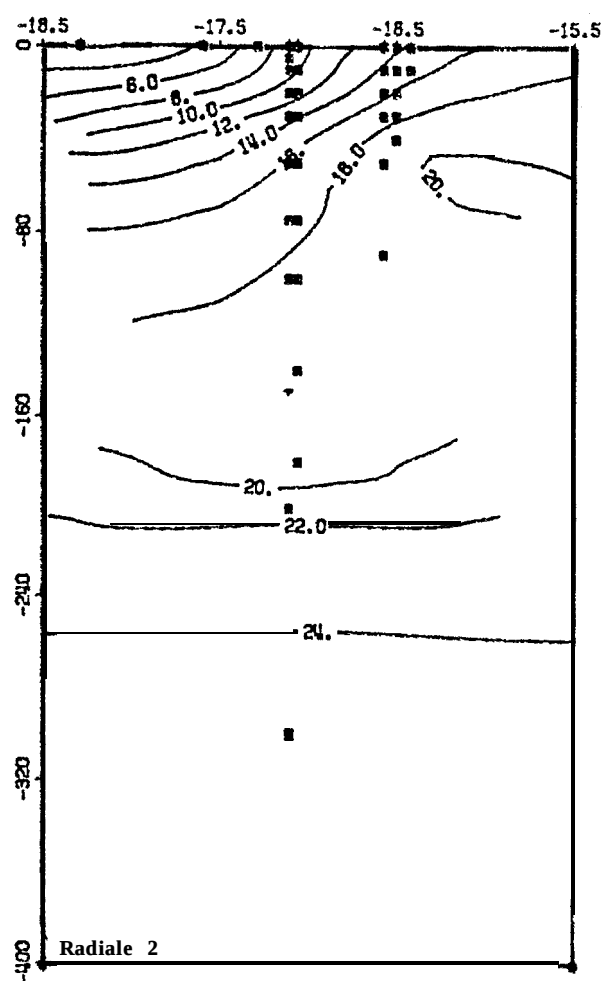
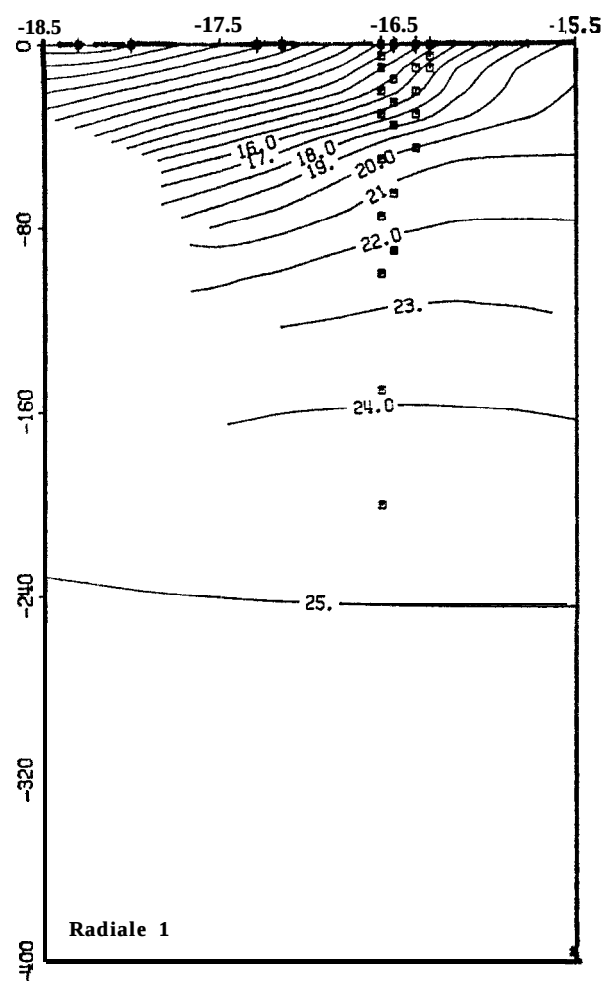


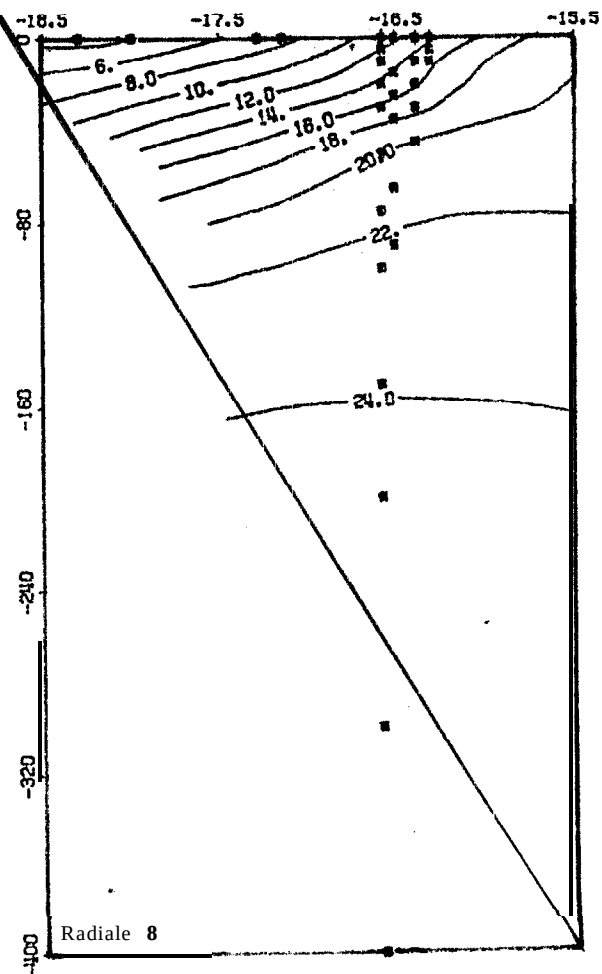
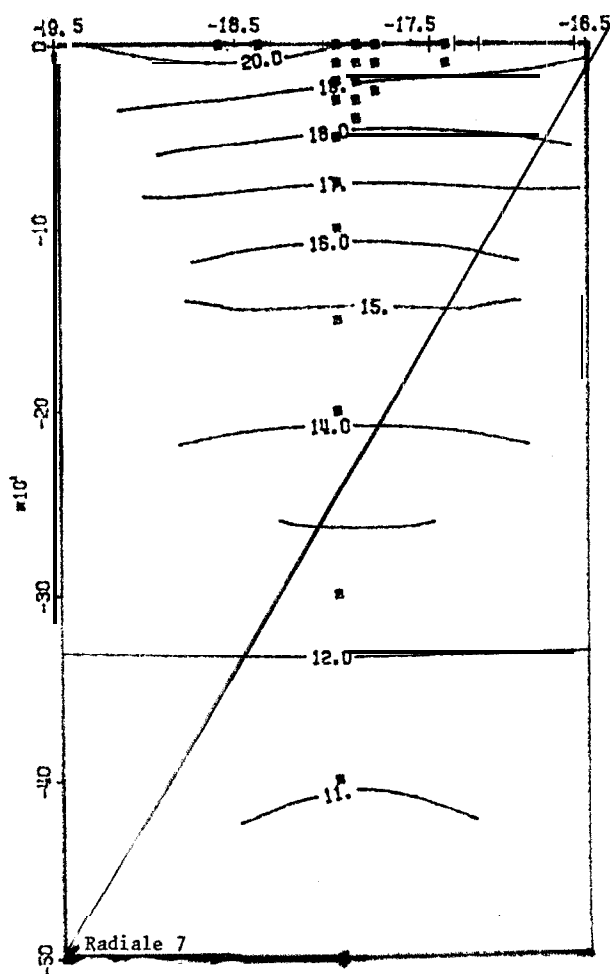
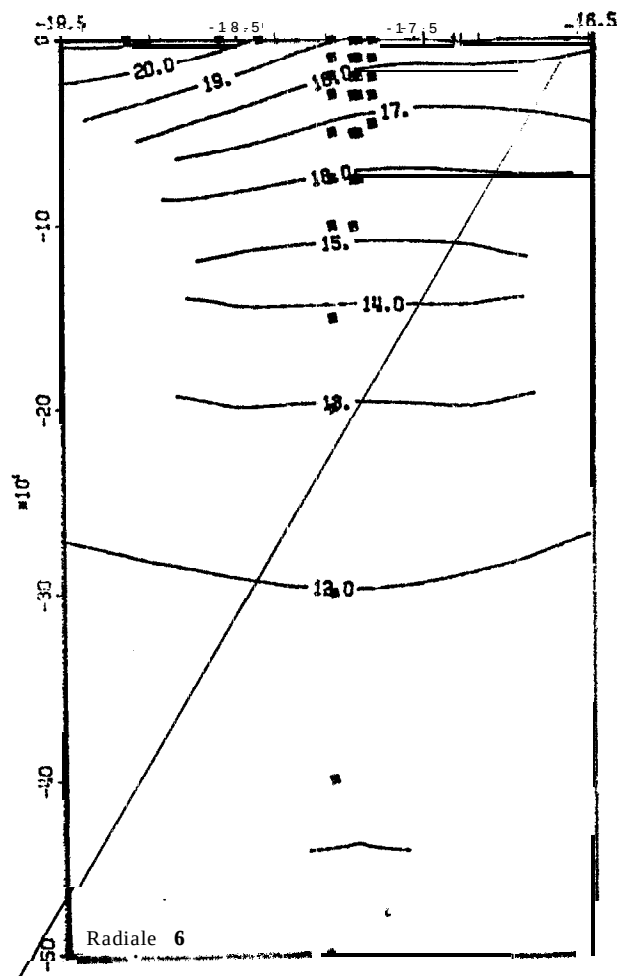
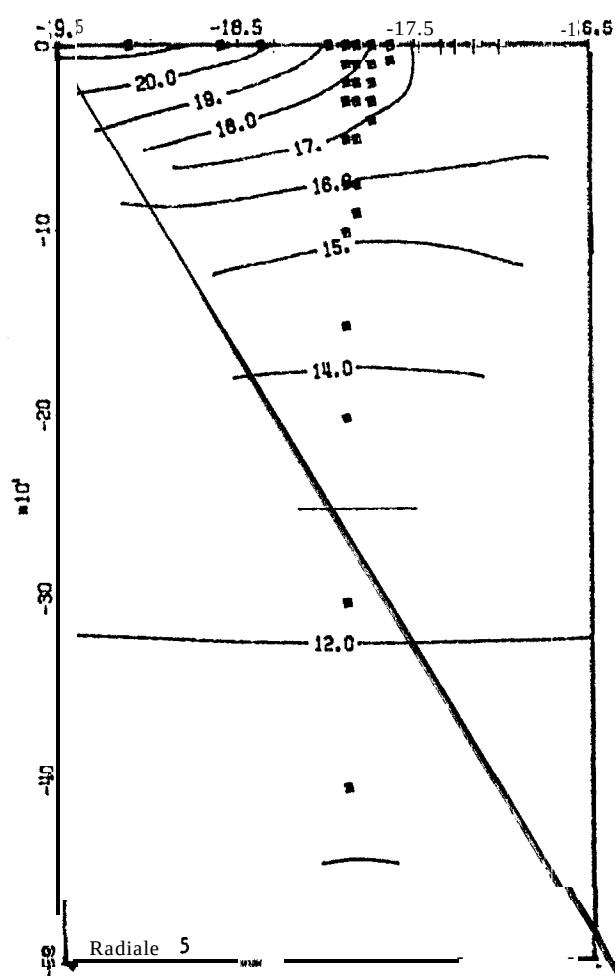




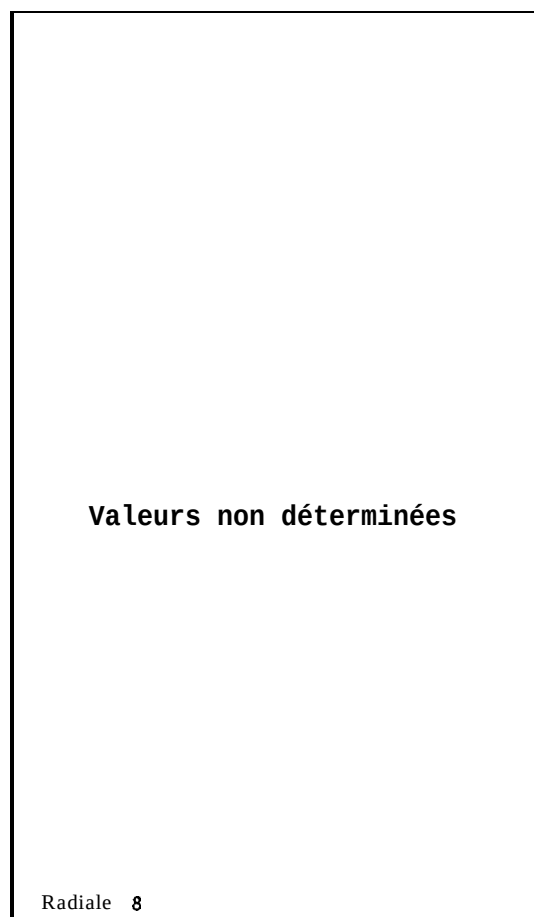
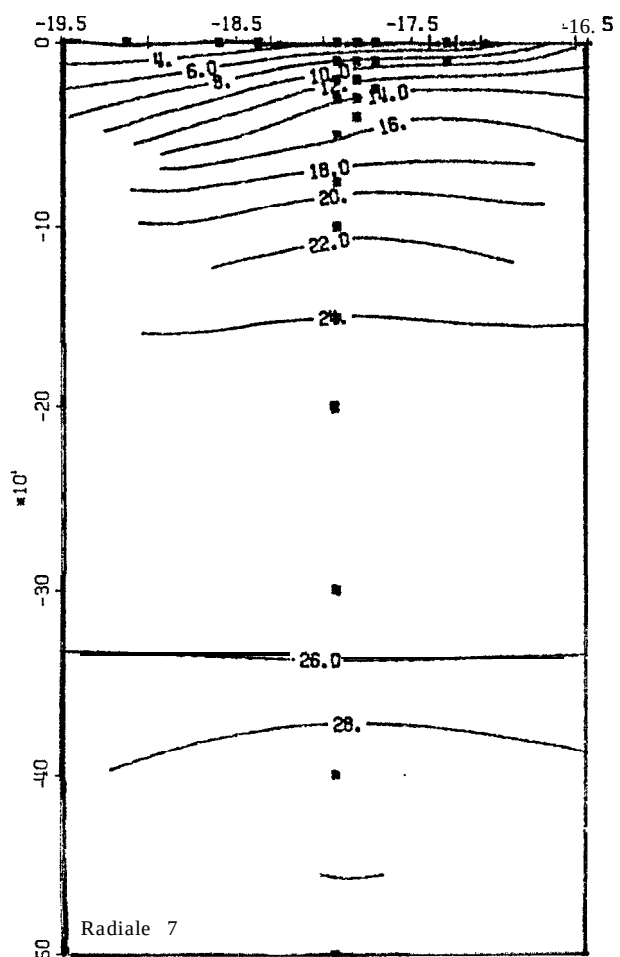
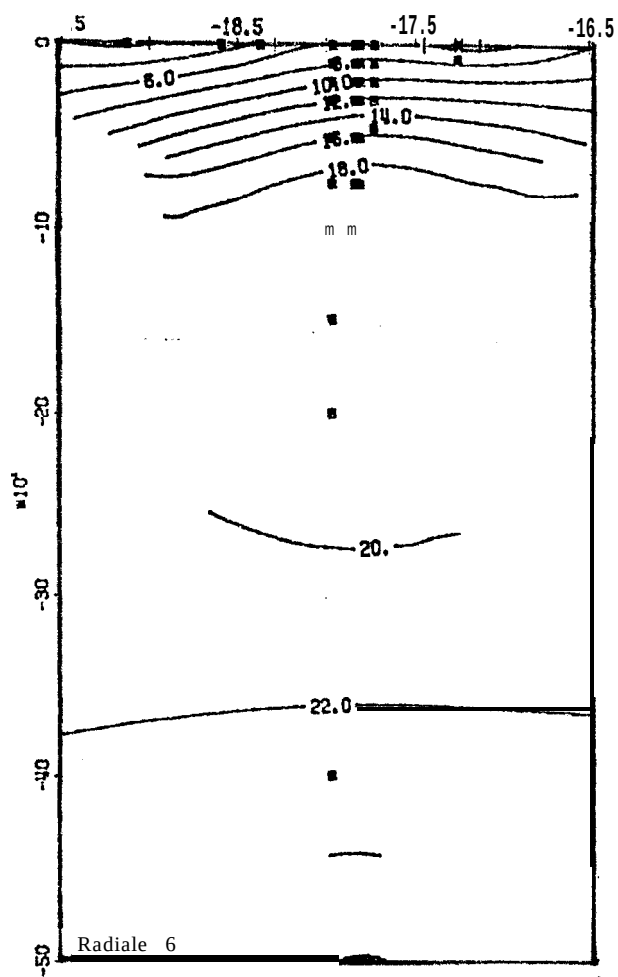
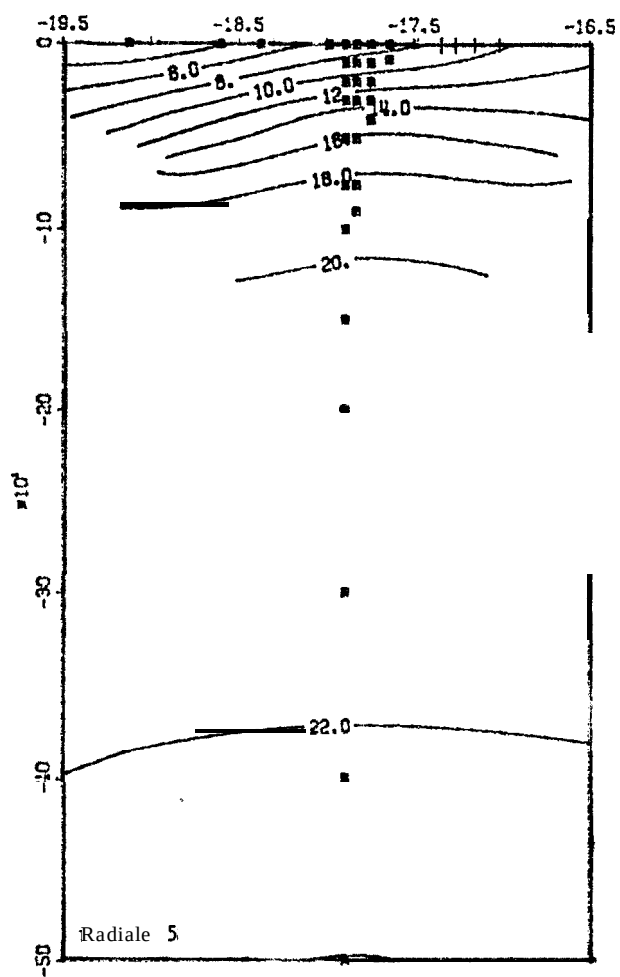


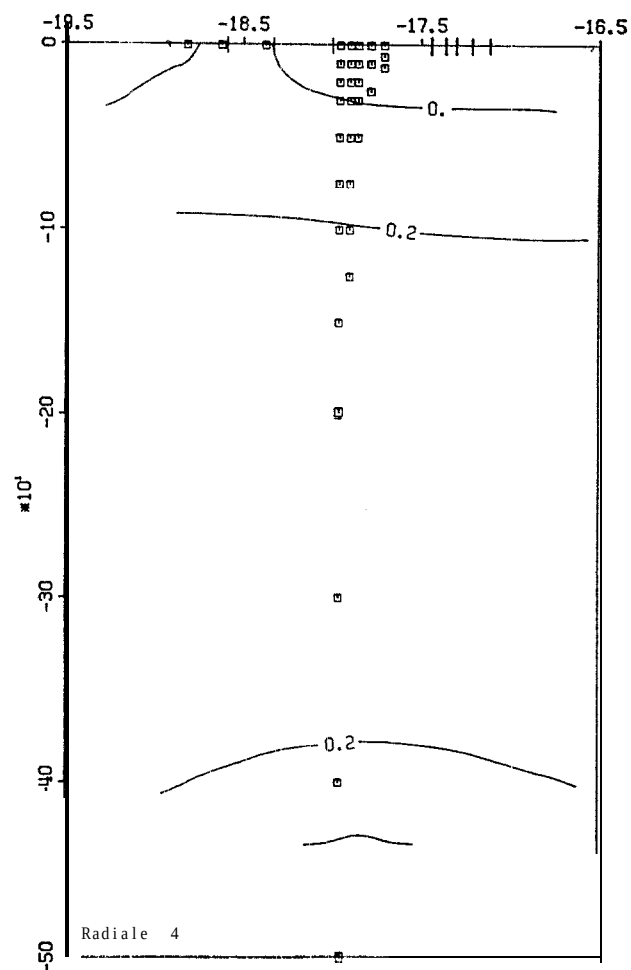
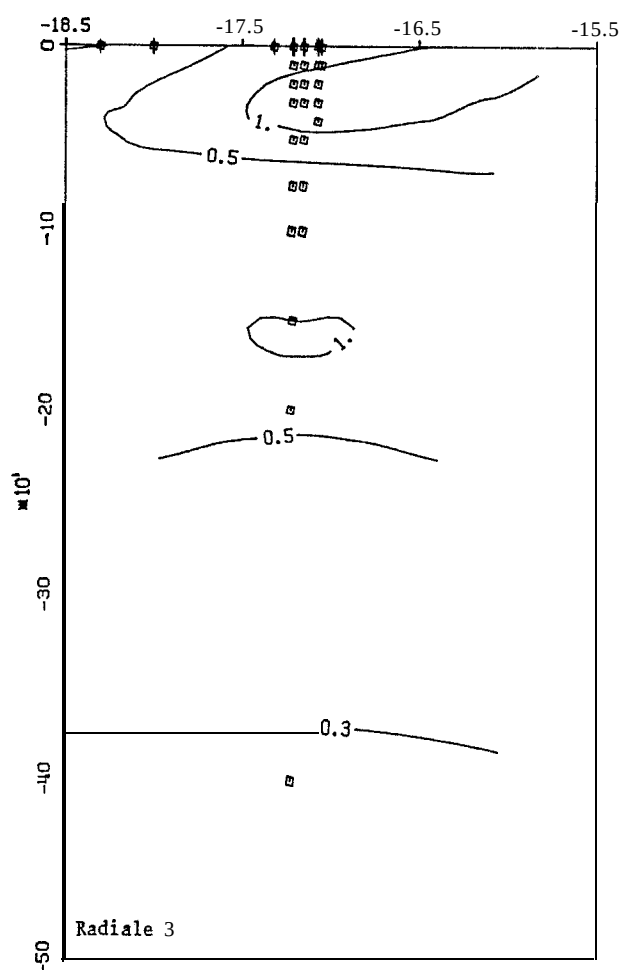
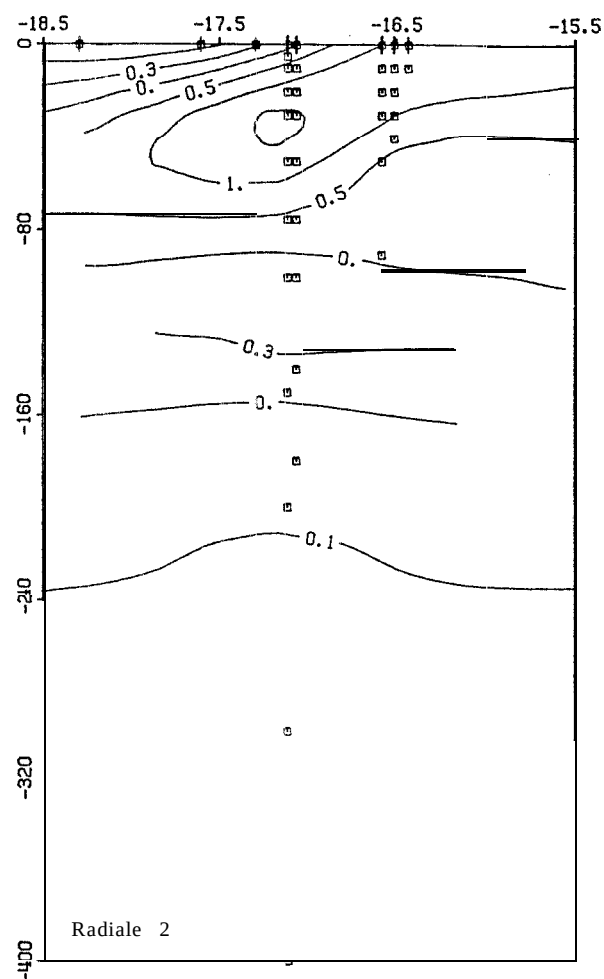
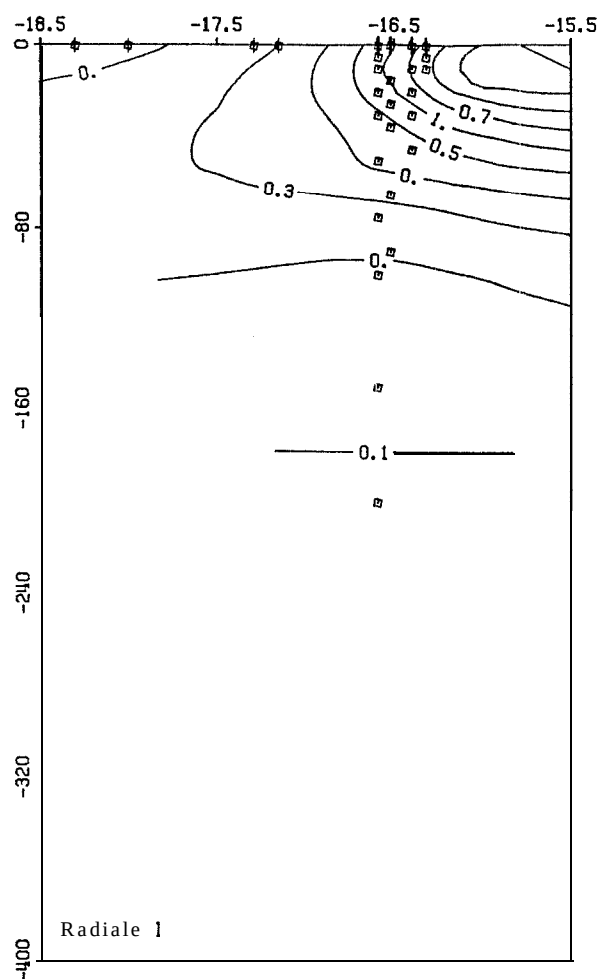


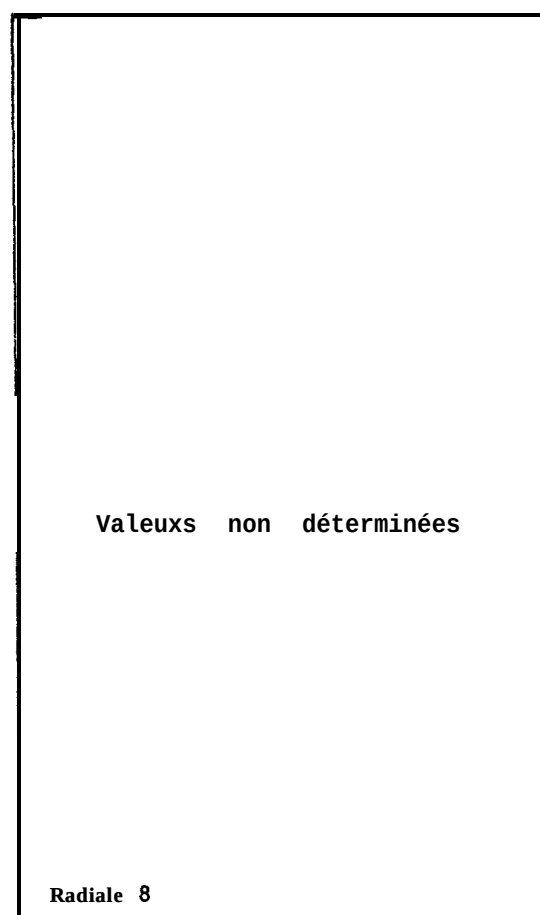
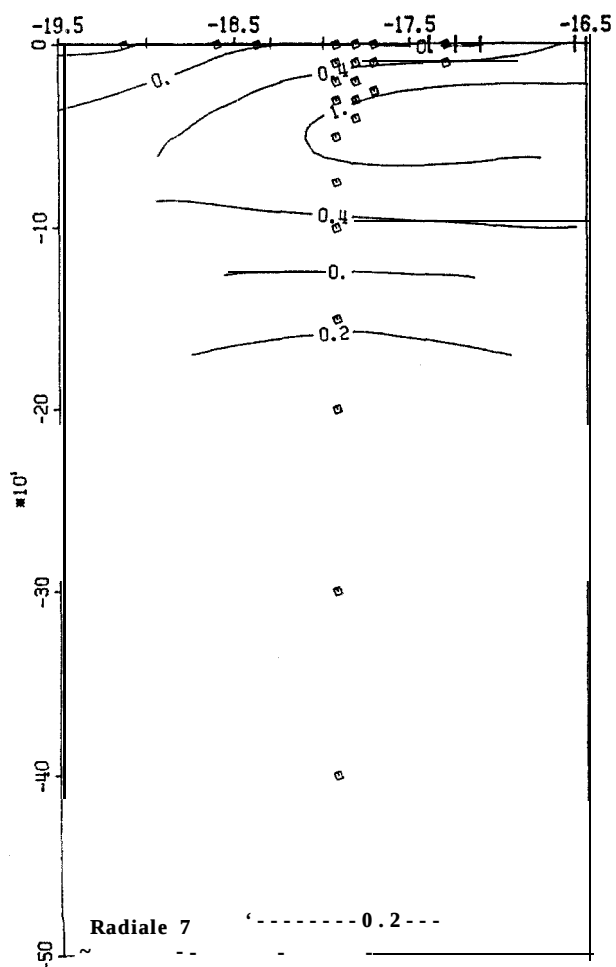
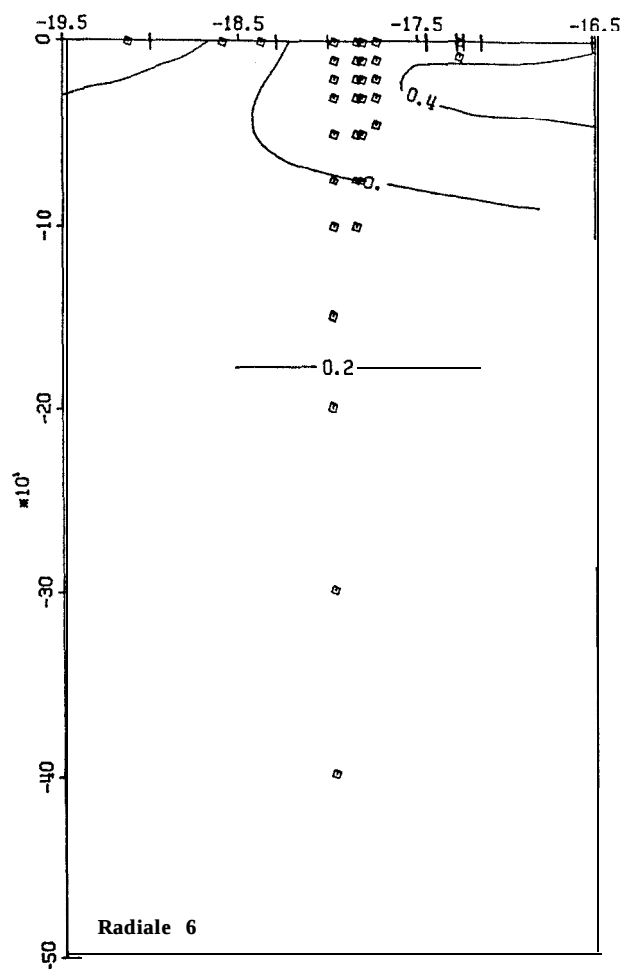
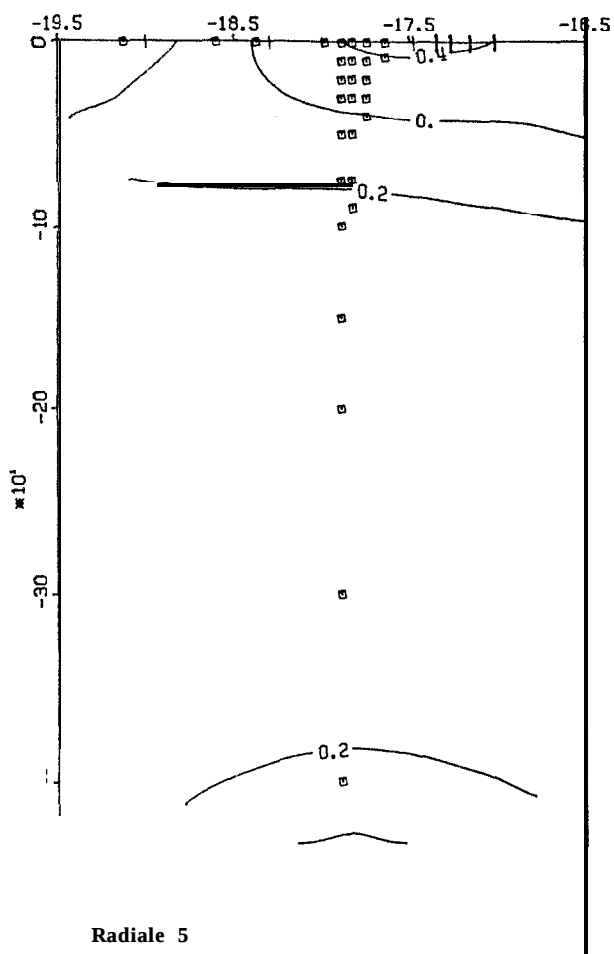


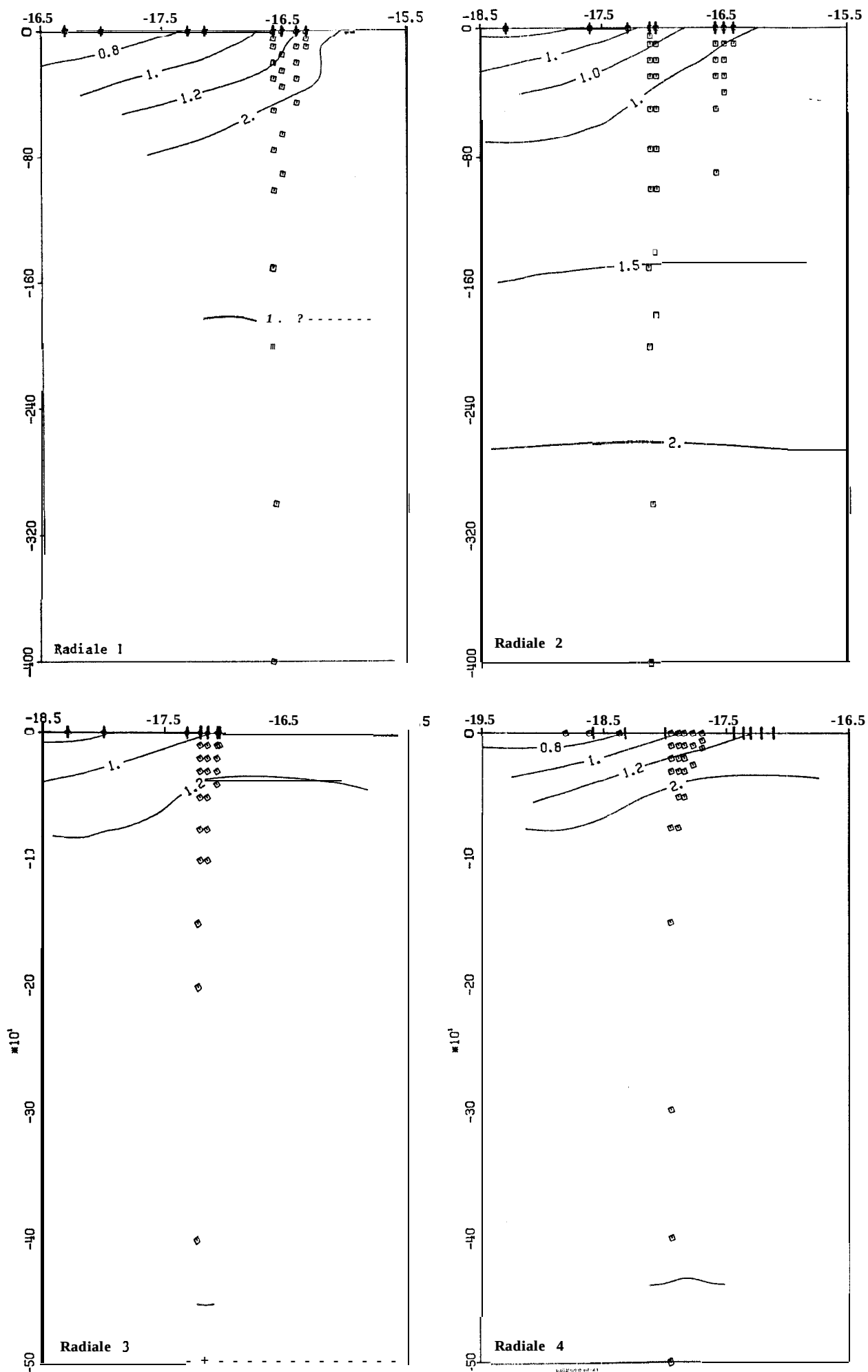


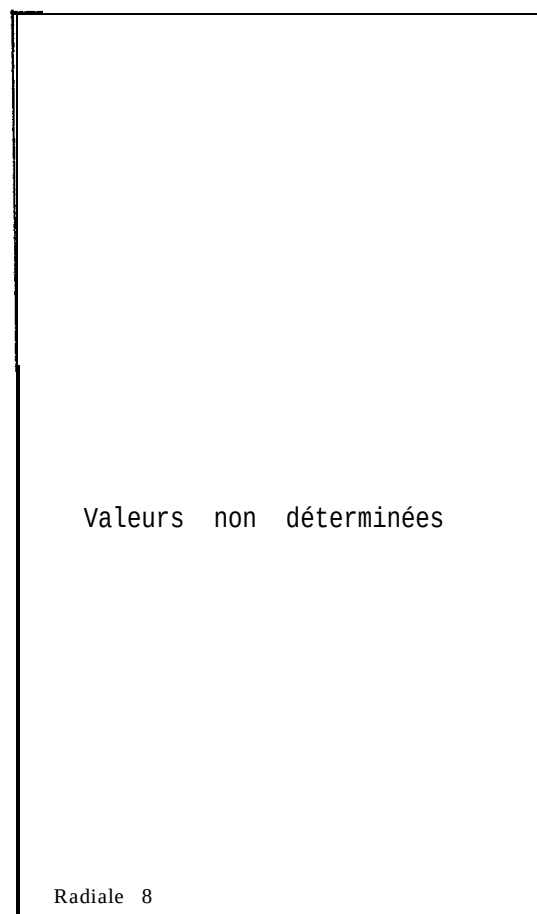
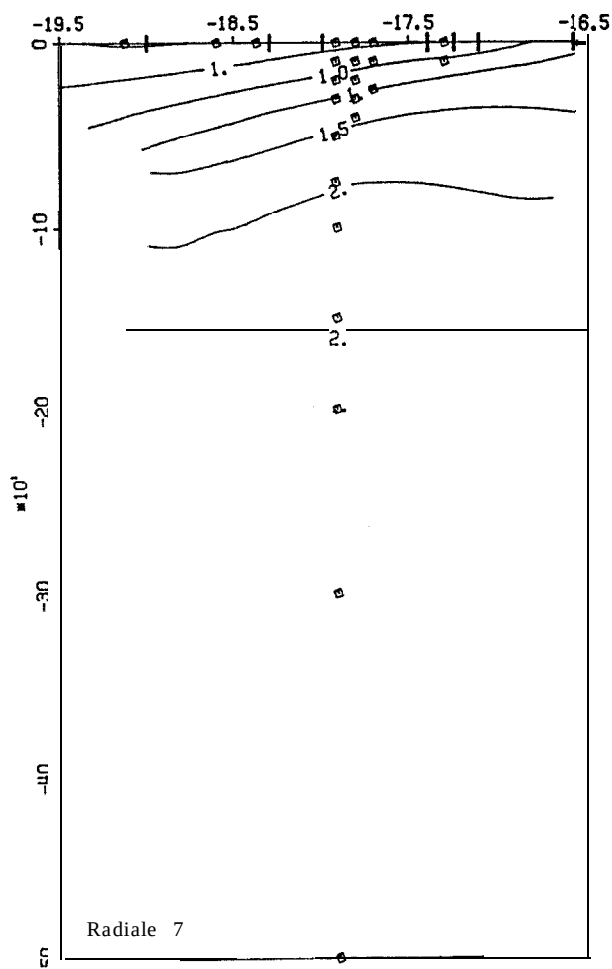
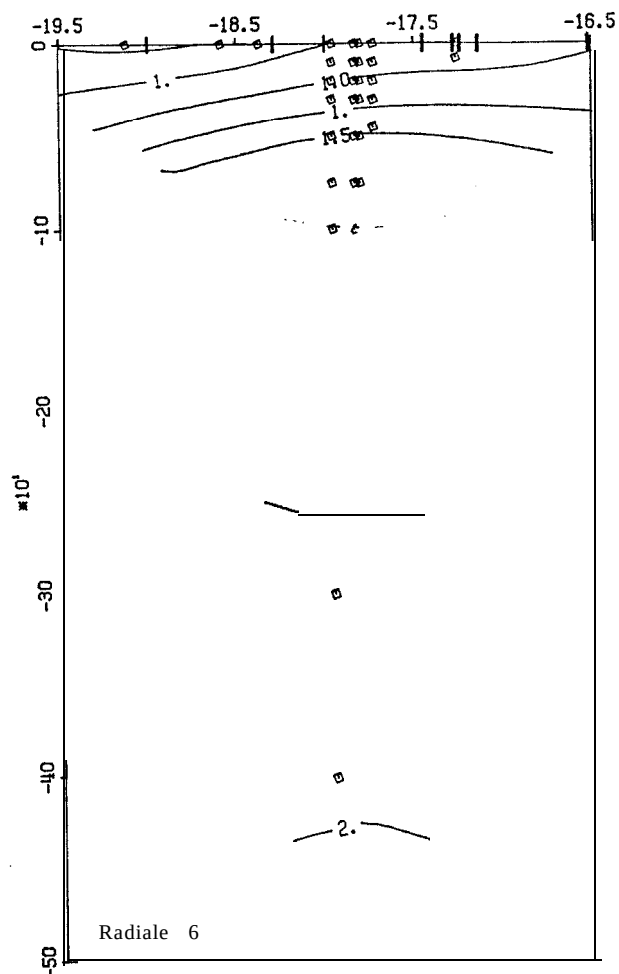
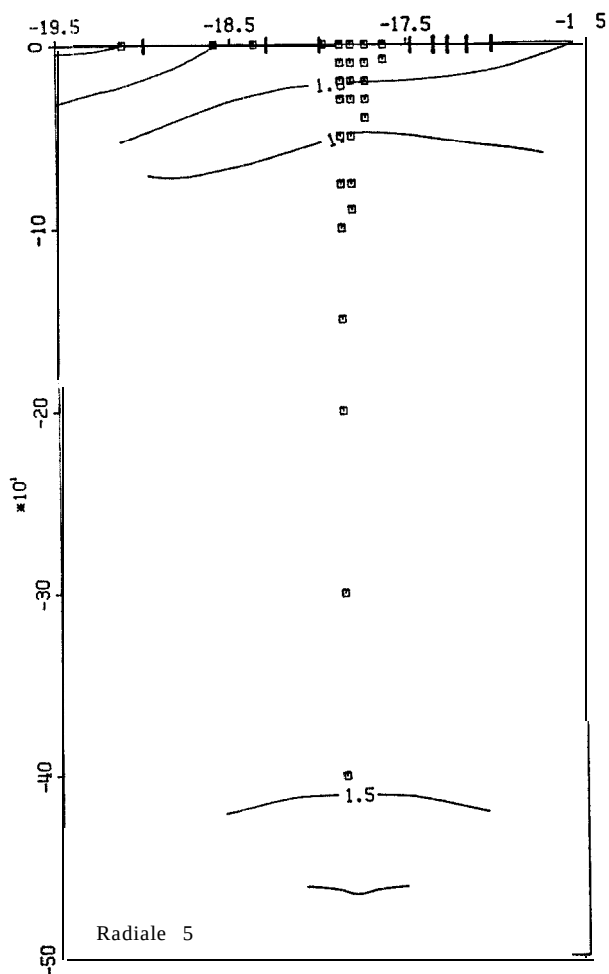
CAMPAGNE 8805: TEMPERATURES (°C) PRISES AU THERMOMETRE

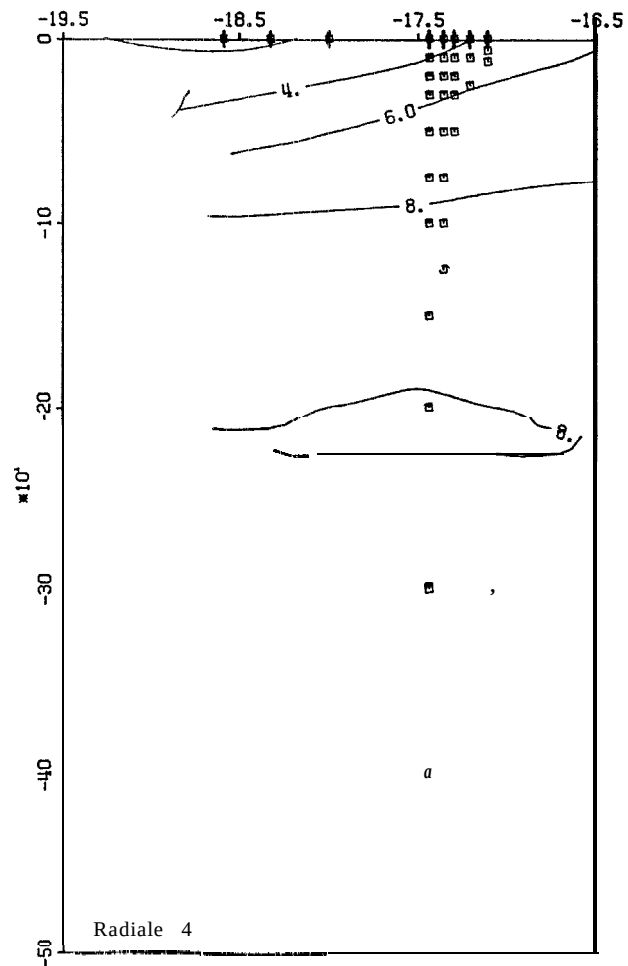
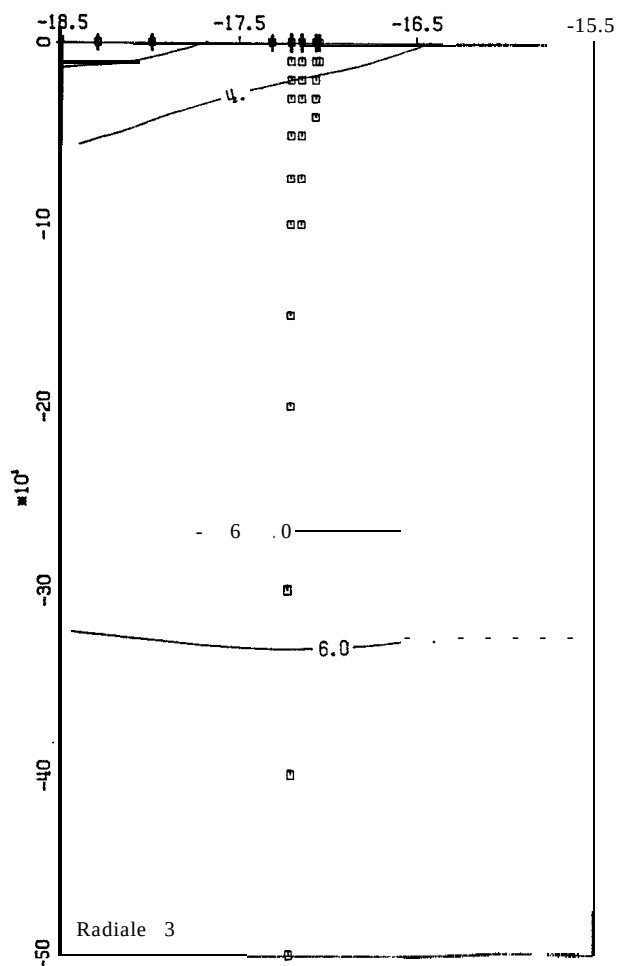
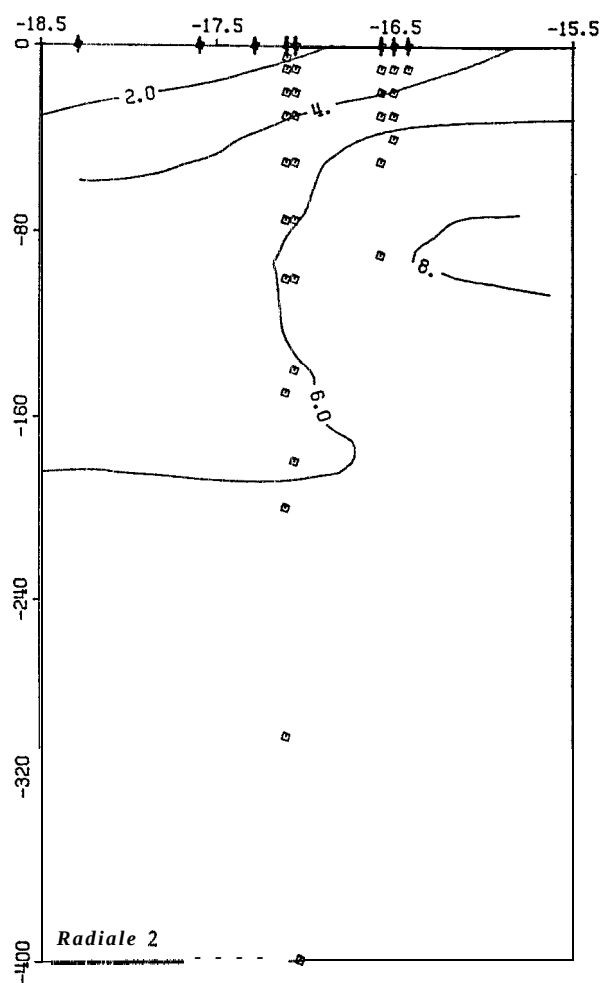
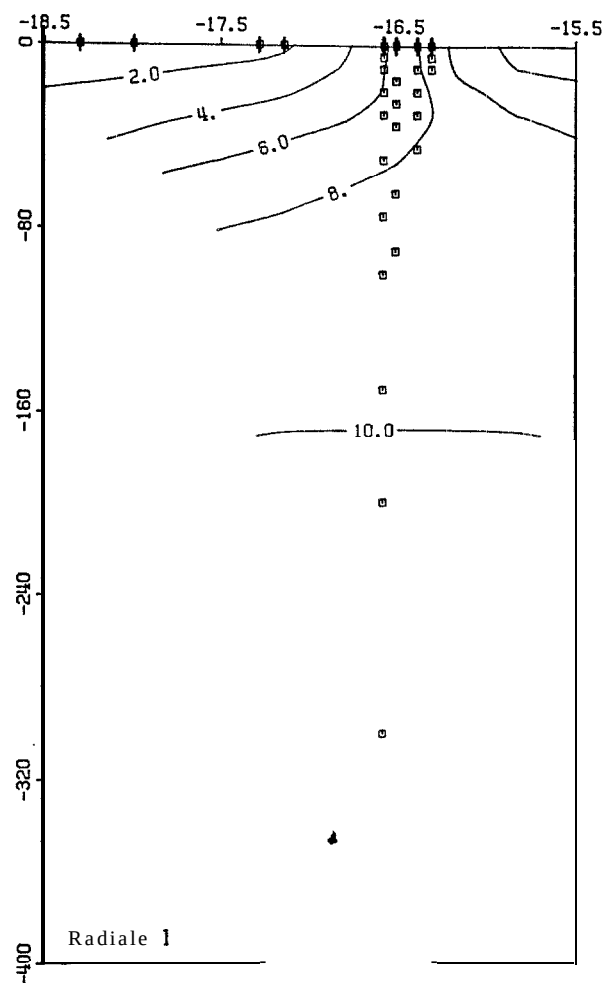


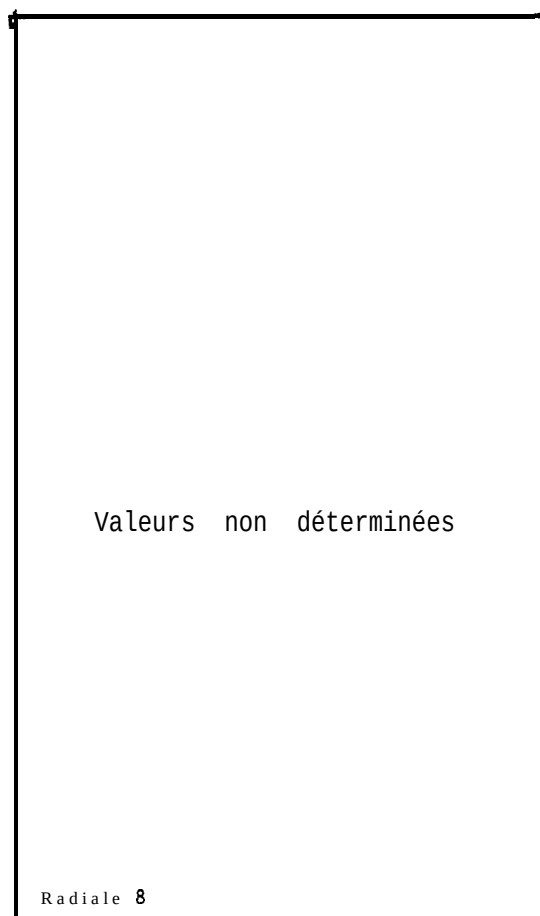
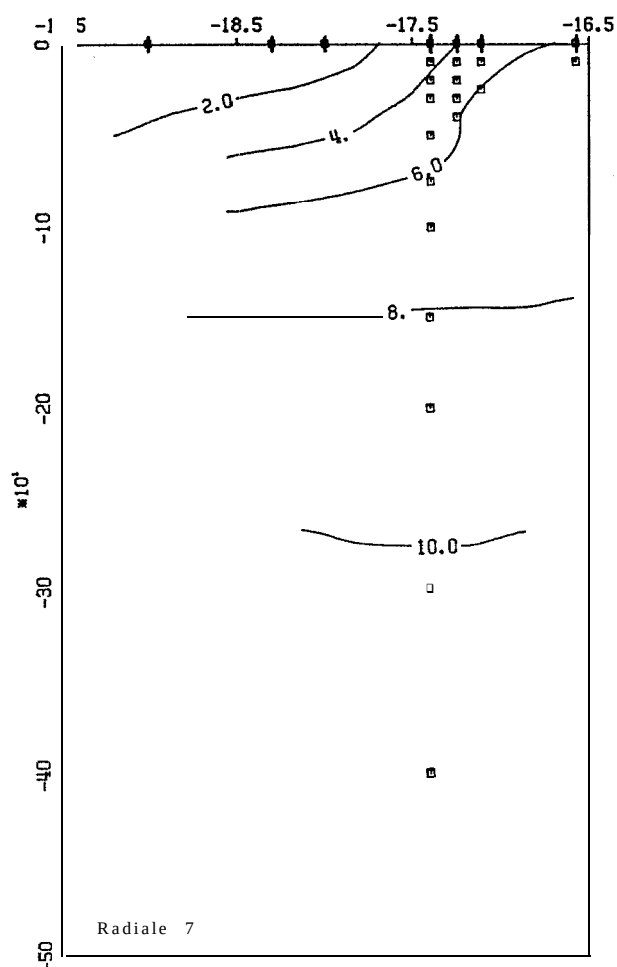
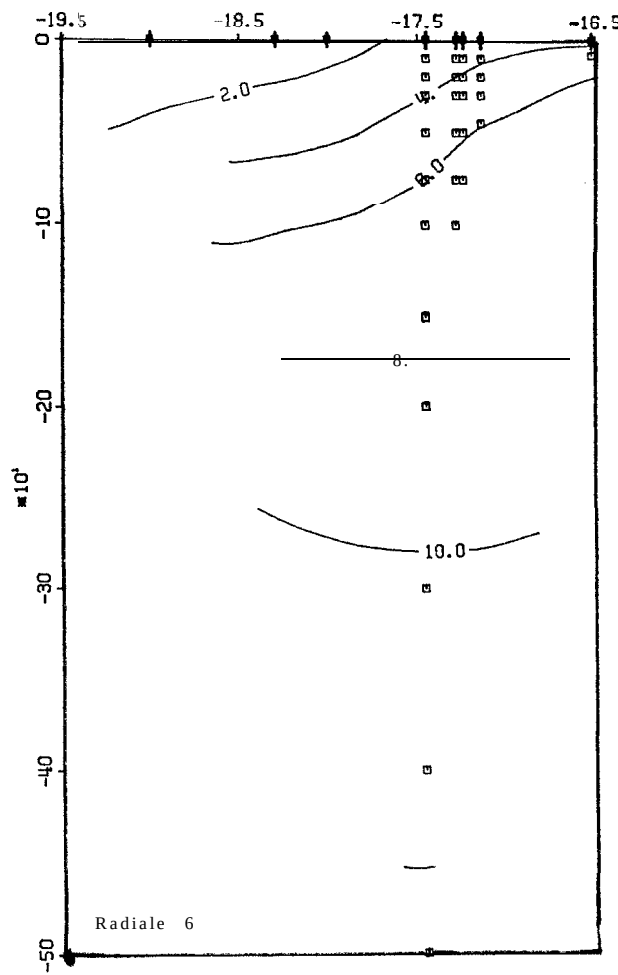
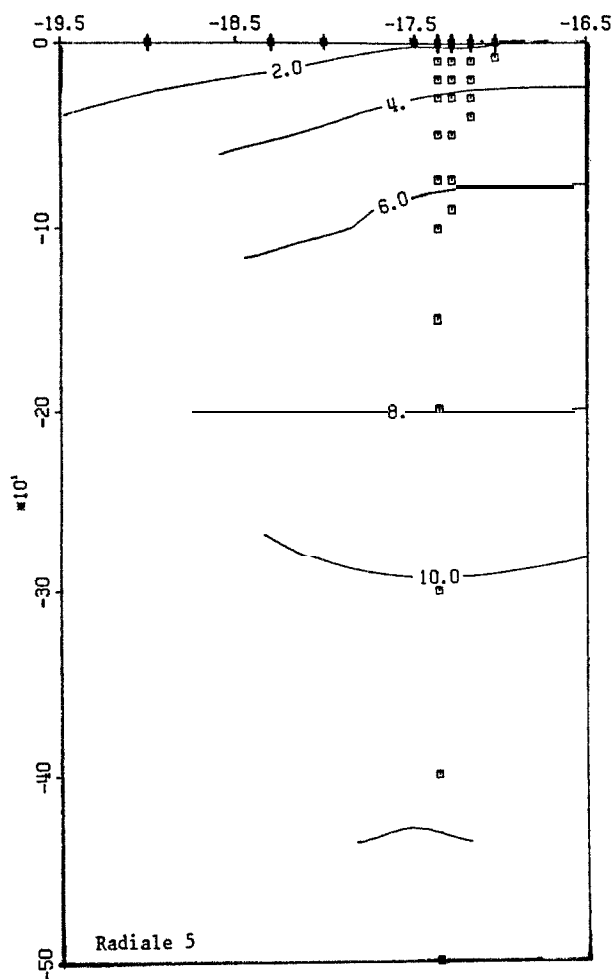


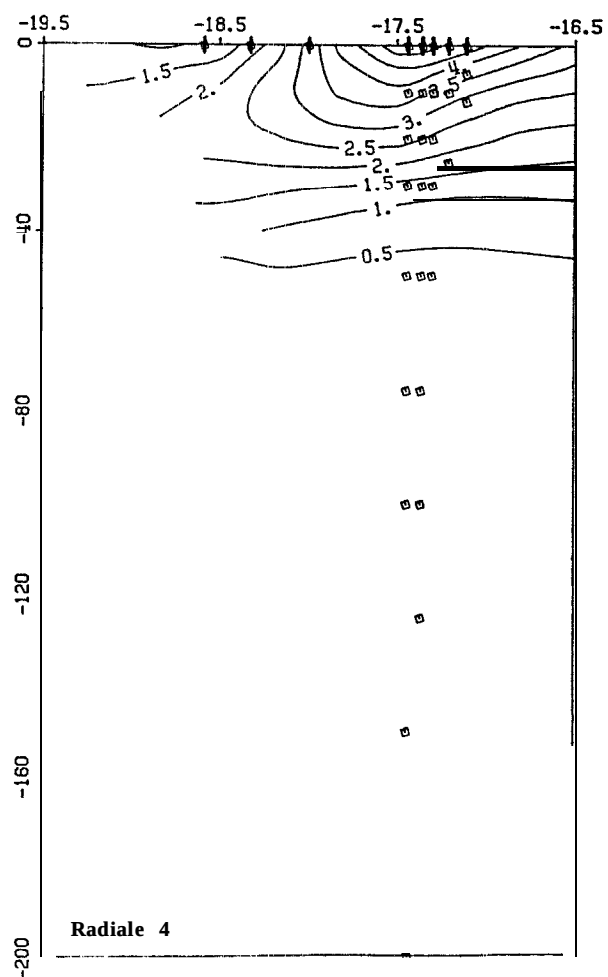
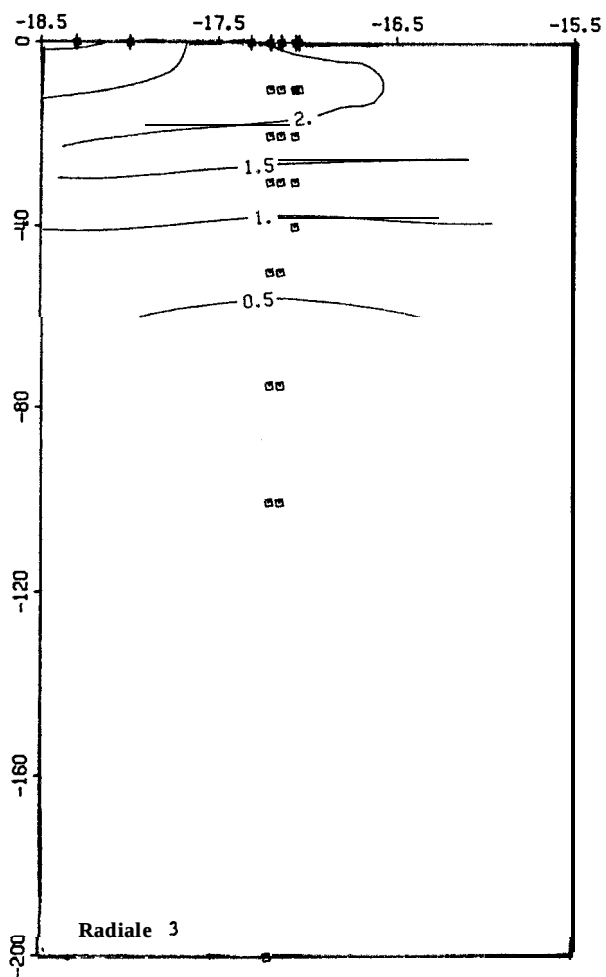
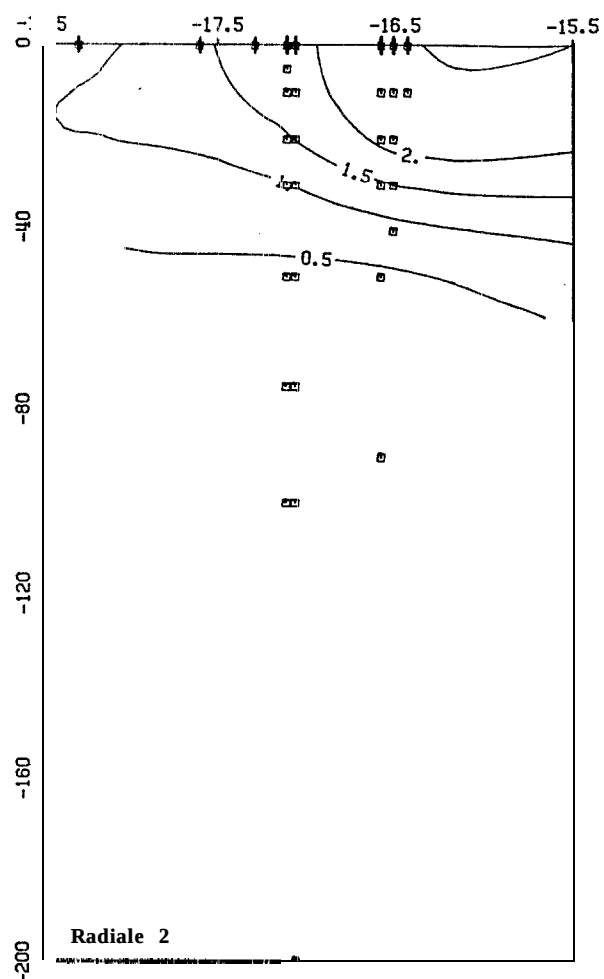
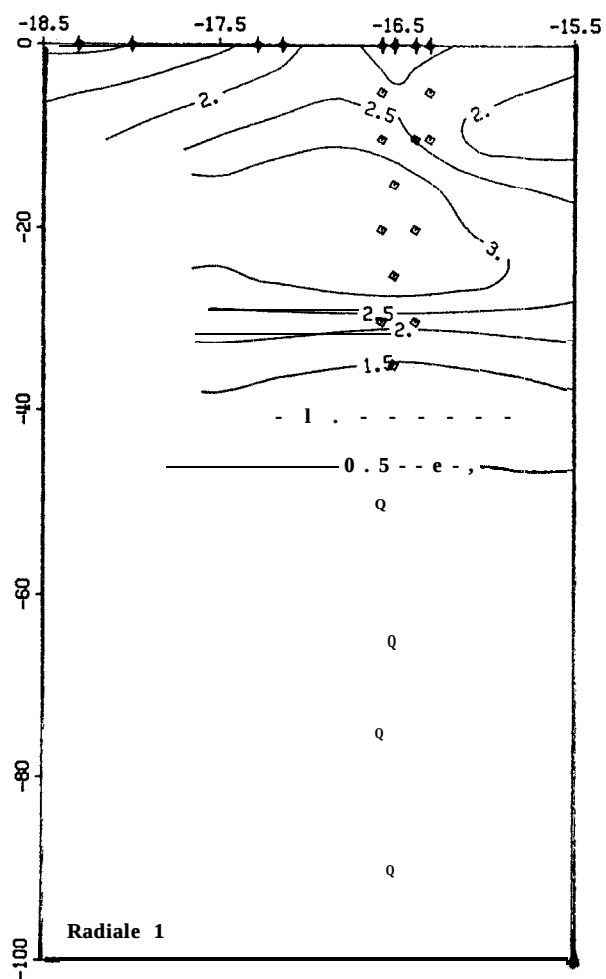


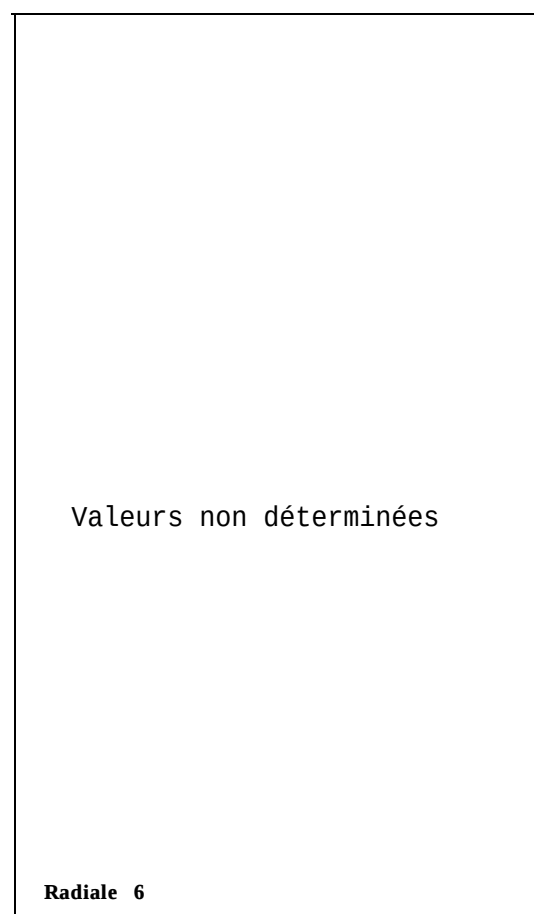
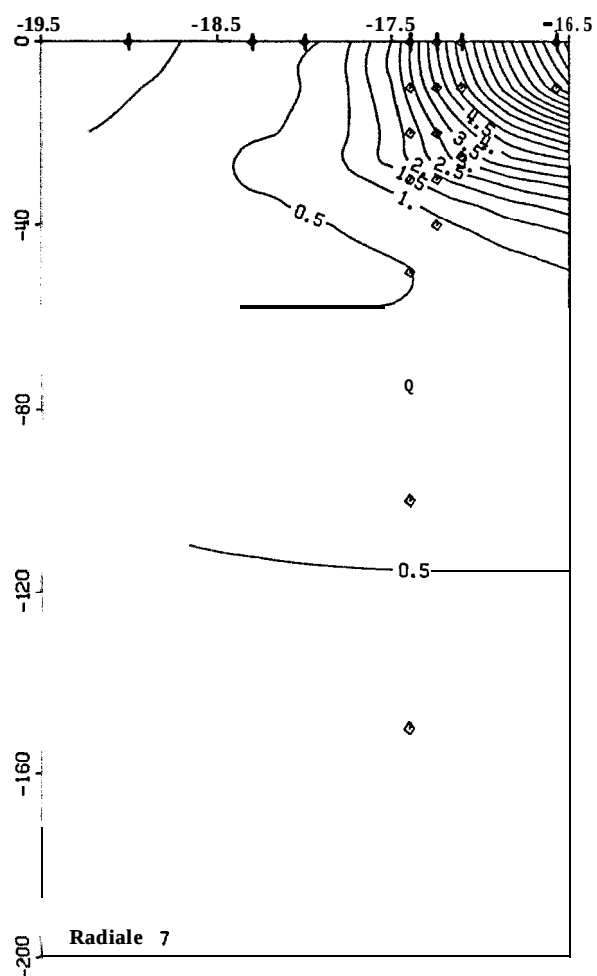
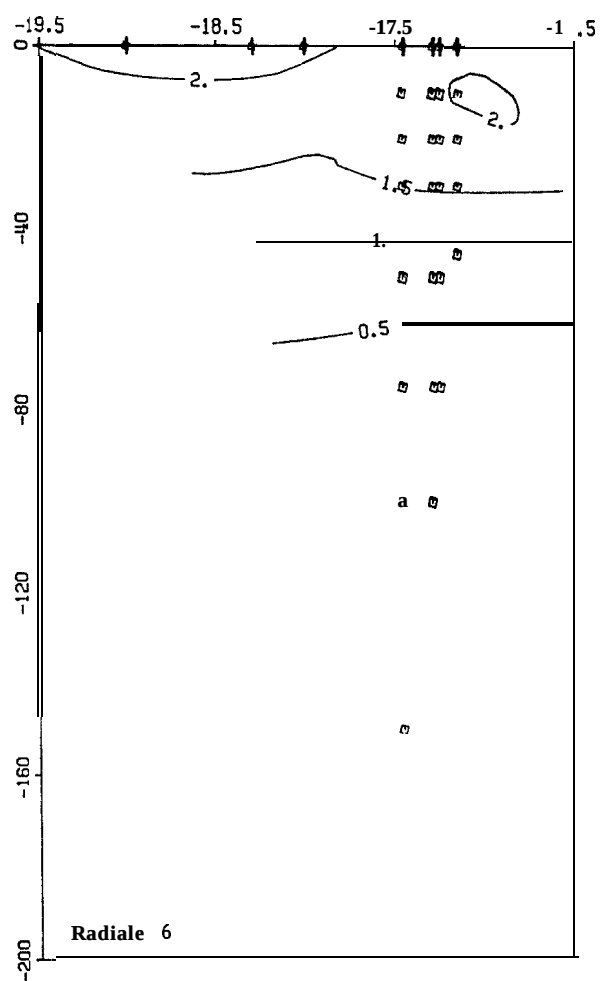
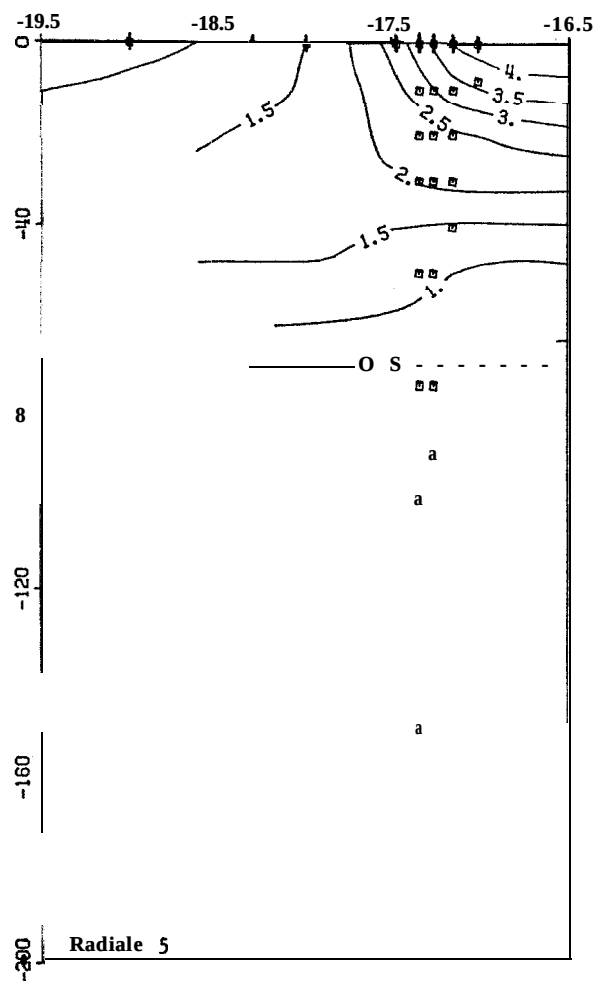


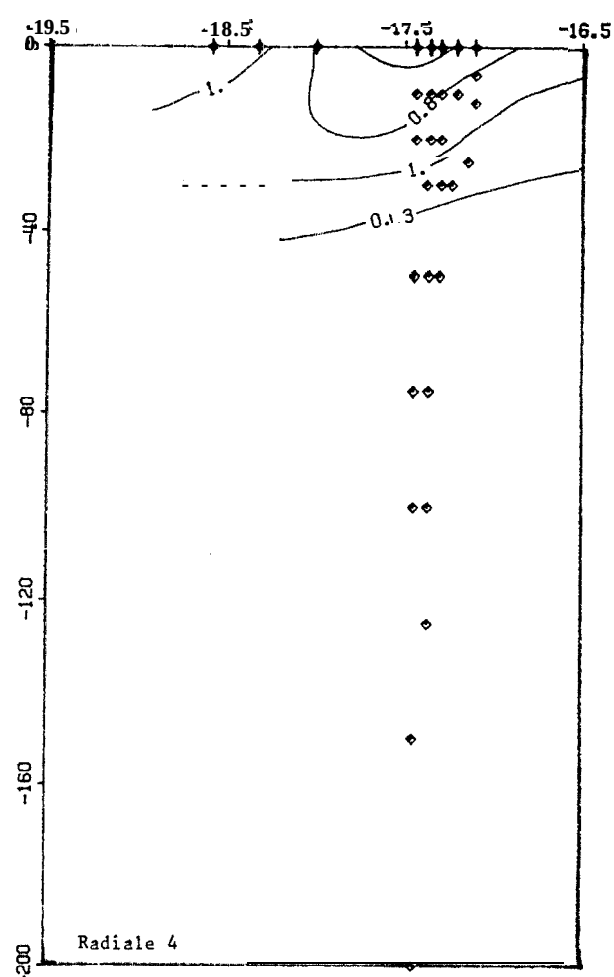
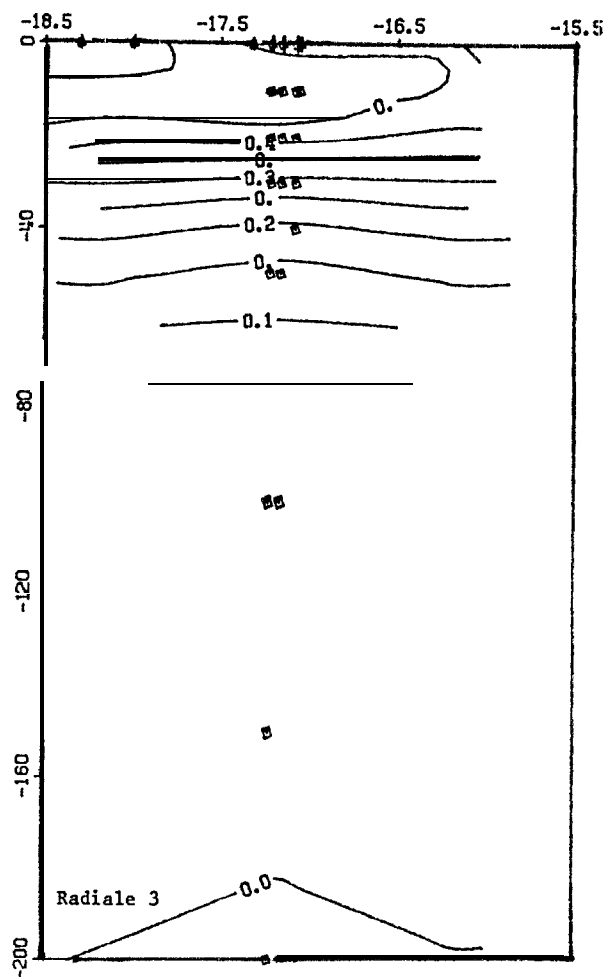
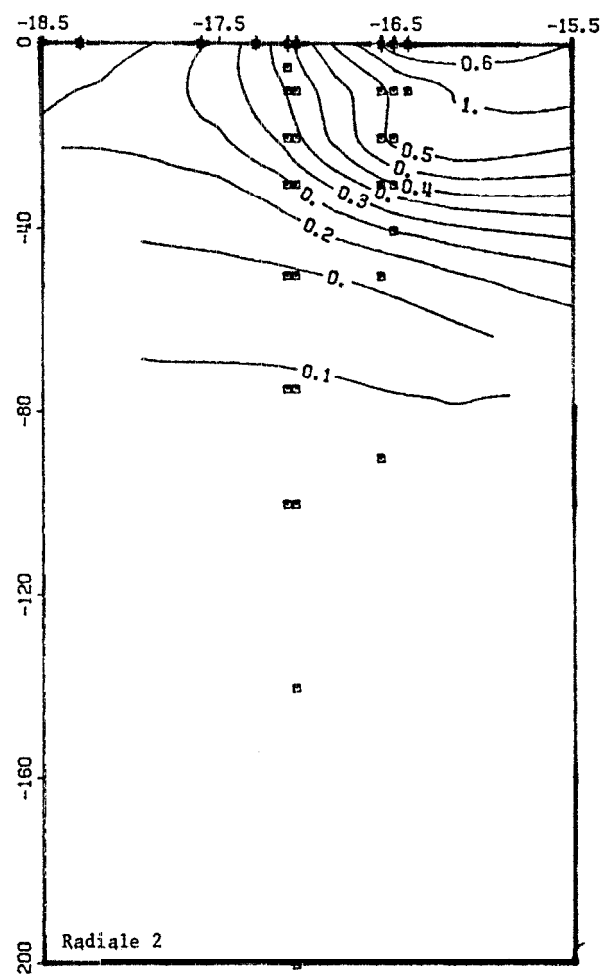
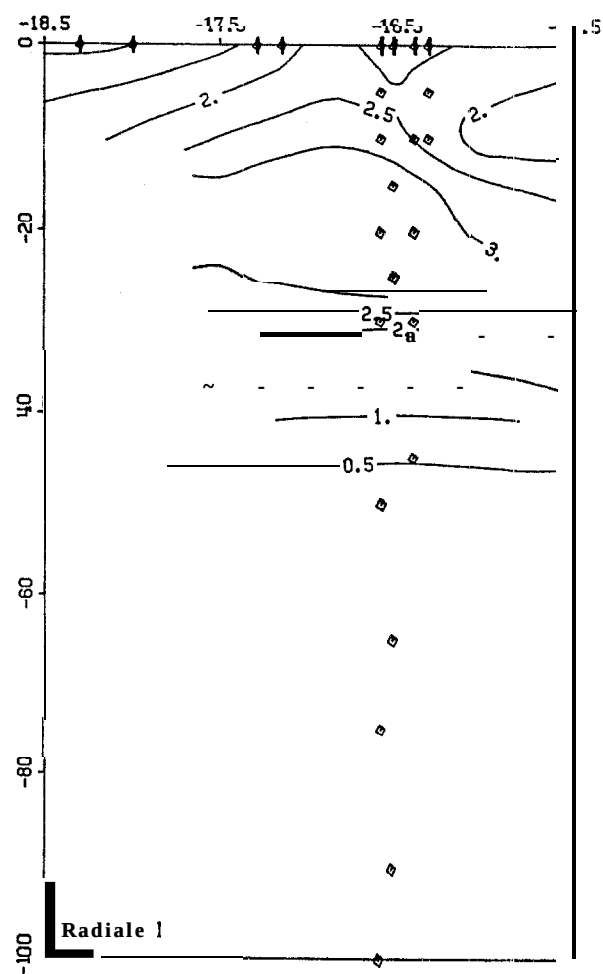


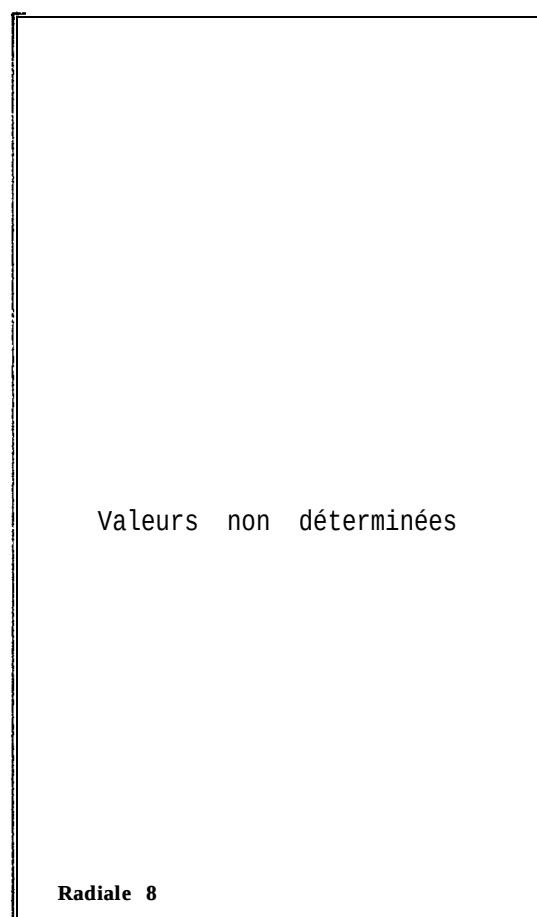
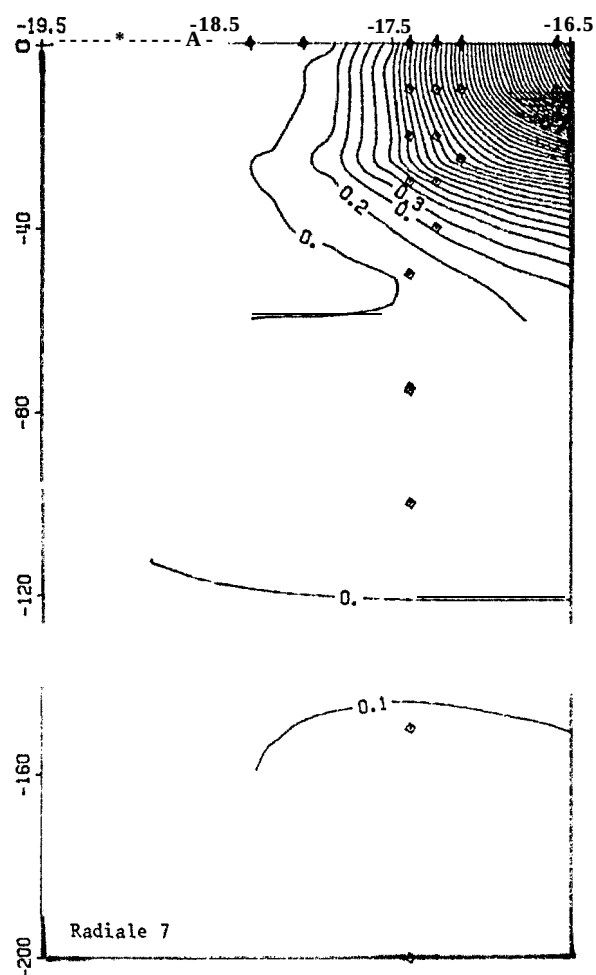
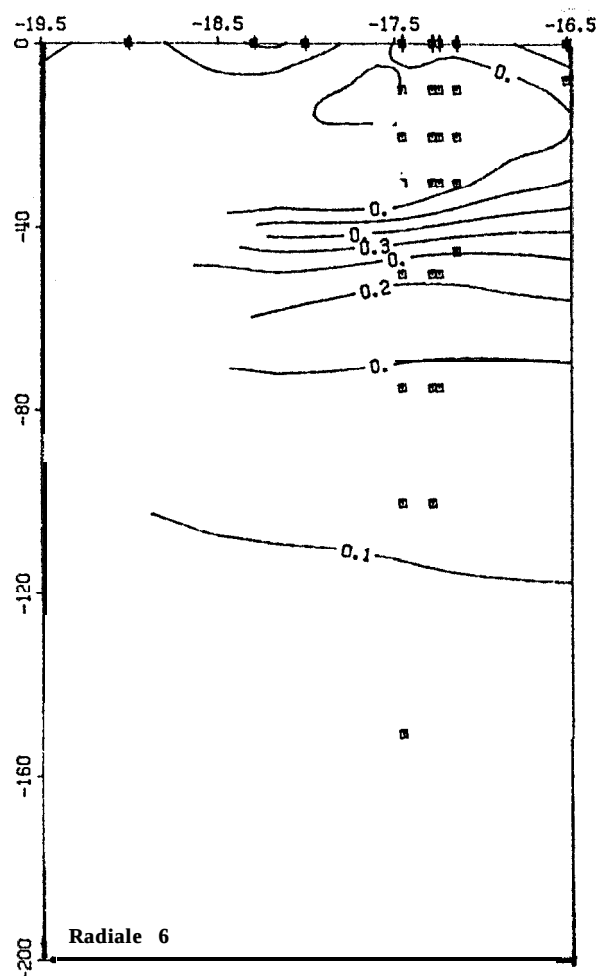
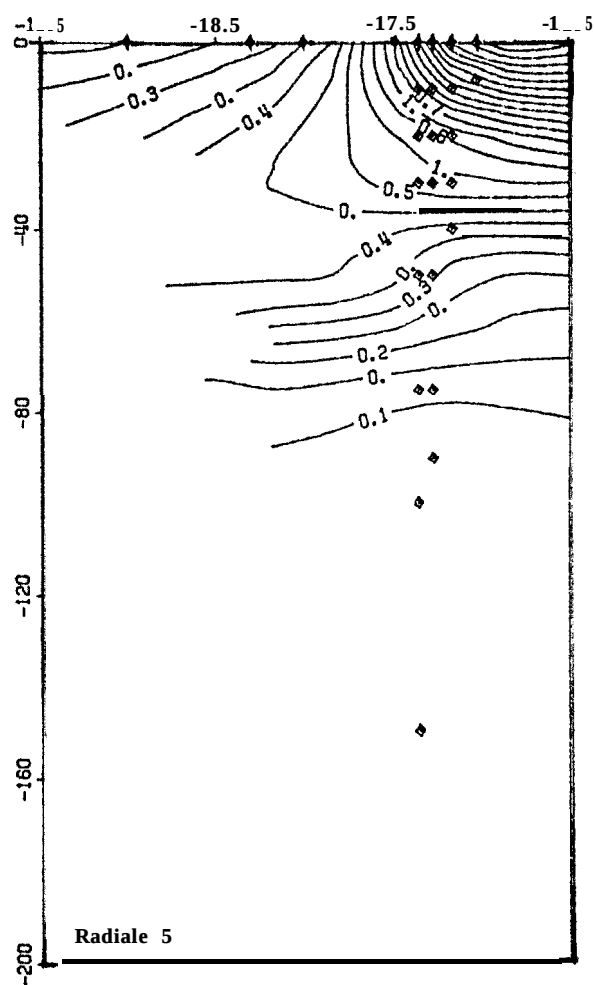












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