

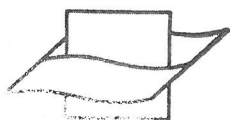
C.I.P.S.  
Projet mer du Nord

Technical Report  
1975/BIOL.02

This paper not to be cited without prior reference to the author

222810

Matières organiques particulaires : croisières 1975.



**Viscous Instituut voor de Zee**  
*Viscous Marine Institute*

Ch. LANCELOT  
Unité d'Océanologie  
Collectif de Bio-écologie  
(Prof. J. BOUILLON)

Croisière du 7 au 10 janvier 1975.

Stations	mg/m3			%			kcal/gm3				
	Prot.	Hyd.C	Lip.	P/HC	% Prot.	% Hyd.C	% Lip.	Prot.	Hyd.C	Lip.	Total
15.080175.1300	mer	mauvaise	-	quantités	filtrées	non	définies.				
12.080175.1645	355	215	74	1.6	55	33	11	1.5	0.8	0.6	2.9
11.080175.1900	493	367	-	1.3	-	-	-	2.1	1.4	-	-
17.090175.1020	70	185	-	0.4	-	-	-	0.3	0.7	-	-
16.090175.0815	175	140	82	1.3	44	35	21	0.7	0.5	0.7	1.9
20.090175.1430	120	180	-	0.7	-	-	-	0.5	0.7	-	-
02.090175.2225	150	125	55	1.2	45	38	17	0.6	0.5	0.5	1.6
01.100175.0825	300	310	50	0.95	45	46	9	1.3	1.2	0.5	3

Stations	mg/m3		P/HC	% Prot.		% Hyd.C		% Lip.	kcal/gm3			
	Prot.	Hyd.C		Lip.	Lip.	Hyd.C	Prot.		Hyd.C	Lip.	Total	
55.040275.1120	360	1020(?)	0.3	-	-	-	-	-	1.5	3.9(?)	-	-
01.050275.1200	358	-	-	-	-	-	-	-	1.5	-	2.3	-
09.050275.1630	390	493	0.8	35	44	21	21	21	1.7	1.9	2.2	5.8
11.060275.0600	225	630	0.4	21	58	21	21	21	1	2.4	0.9	4.3
16.060275.1000	243	472	0.5	23	46	31	31	31	1	1.8	2.8	5.6
17.060275.1330	160	267	0.6	29	49	22	22	22	0.7	1	1.1	2.8
20.060275.1700	215	232	-	-	-	-	-	-	0.9	0.9	-	-
15.070275.0900	79	200	0.4	20	51	29	29	29	0.3	0.8	1	2.1
Croisière MSI												
51.170275.1300	320	370	0.9	39	46	15	15	15	1.4	1.4	1.1	2.9
09.170275.1800	75	260	0.3	19	65	16	16	16	0.3	1	0.6	1.9
02.170275.1500	190	185	1	42	41	17	17	17	0.8	0.7	0.7	2.2
16.180275	110	200	0.6	15	26	59	59	59	0.5	0.8	3.9	5.2
20.180275	155	135	1.1	51	45	4	4	4	0.7	0.5	0.1	1.3
5.210275.13000	350	140	2.5	56	22	22	22	22	1.5	0.5	1.2	3.2
55.210275	130	155	1875(?)	-	-	-	-	-	0.6	0.6	16.5(?)	17.7

Croisière de mars 1975

Stations	mg/m3			%			kcal/gm3				
	Prot.	Hyd.C	Lip.	P/HC	% Prot.	% Hyd.C	% Lip.	Prot.	Hyd.C	Lip.	Total
52.030375.1230	390	335	520	1.2	31	27	42	1.7	1.3	4.6	7.6
51.030375.1400	530	255	178	2.1	55	26	19	2.3	1	1.6	4.9
1068.030375.1700	640	405	-	1.6	-	-	-	2.7	1.6	-	-
8.040375	240	300	100	0.8	38	47	15	1	1.2	0.9	3.1
9.040375	155	-	59	-	-	-	-	0.7	-	0.5	-
10.040375	108	82	53	1.3	44	34	22	0.5	0.3	0.5	1.3
6.050375	455	350	3840(?)	1.3	-	-	-	1.9	1.3	33.8	37 (?)
5.050375	493	453	87	1.1	48	44	8	2.1	1.7	0.8	4.7
55.050375	290	370	47	0.8	41	52	7	1.2	1.4	0.4	3
55.210375	330	485	128	0.7	35	51	14	1.4	1.9	1.1	4.4
8.210375	133	213	77	0.6	32	50	18	0.6	0.8	0.7	2.1
1154.070475	420	700	125	0.6	34	56	10	1.8	2.7	1.1	5.6

Croisière avril-mai 1975

Stations	mg/m <sup>3</sup>		P/HC	% Prot.		% Hyd.C		% Lip.	Prot.	kcal/gm <sup>3</sup>		Total
	Prot.	Hyd.C		Lip.	Lip.	Hyd.C	Lip.					
15.280475.1605	430	246	107	1.7	55	31	14	1.8	0.9	0.9	3.6	
20.280475.2330	689	390	371	1.8	48	27	25	2.9	1.5	3.3	7.7	
25.290475.0630	650	460	240	1.4	48	34	18	2.8	1.8	2.1	6.7	
24.290475.0955	800	1556	-	0.5	-	-	-	3.4	6	-	-	
22.290475.1420	450	414	-	1.1	-	-	-	1.9	1.6	-	-	
21.290475.1700	1067	250	335	4.3	65	15	20	4.5	1	2.9	8.4	
16.290475.2210	1060	730	249	1.4	52	36	12	4.5	2.8	2.2	9.5	
17.300475.0600	671	770	-	0.9	-	-	-	2.8	3	-	-	
18.300475.1205	647	676	-	0.9	-	-	-	2.7	2.6	-	-	
13.300475.1415	1294	591	109	2.2	65	30	5	5.5	2.3	1	8.8	
12.300475.1645	920	900	246	1	44	44	12	3.9	3.5	2.2	9.6	
11.300475.2005	1260	570	166	2.2	63	29	8	5.4	2.2	1.5	9.1	
5.010575.0650	906	812	144	1.1	49	44	7	3.9	3.1	1.3	8.3	
6.010575.1025	1260	930	362	1.3	49	36	15	5.4	3.6	3.2	12.2	
1068.200575	565	215	102	2.6	64	24	12	2.4	0.8	0.9	4.1	
51.200575	515	130	86	4	70	18	12	2.2	0.5	0.8	3.5	

Croisière juin 1975

Stations	Prot.		Hyd.C		Lip.	P/HC	% Prot.	% Hyd.C	% Lip.	Prot.	Hyd.C	Lip.	Total
	mg/m3	mg/m3	mg/m3	mg/m3									
51.020675	485	280	2050(?)	1.7					2.1	1.1	18(?)	21.2 (?)	
1068.020675	-	420	2725(?)						-	1.6	24(?)		
1192.040675	297	323	-	0.9					1.3	1.2	-		
1154.040675	495	740	-	0.7					2.1	2.8	-		
9.040675	300	152	105	2	54	28	18		1.3	0.6	0.9	2.8	
54.050675	-	200	-	-					-	0.8	-		
55.050675	600	555	-	1.1					2.6	2.1	-		
15.160675.2100	245	215	117	1.1	42	37	21		1	0.8	1	2.8	
25.170675.0430	300	215	241	1.4	40	28	32		1.3	0.8	2.1	4.2	
22.170675.0915	195	195	240	1	31	31	38		0.8	0.75	2.1	3.65	
16.170675.1400	505	345	259	1.5	46	31	23		2.1	1.3	2.3	5.7	
20.170675.2100	205	260	95	0.8	37	46	17		0.9	1	0.8	2.7	
12.180675.0400	230	220	145	1.05	39	37	24		1	0.8	1.3	3.1	
11.180675.0645	600	370	375	1.6	45	27	28		2.6	1.4	3.3	7.3	