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MODELE MATHEMATIQUE DE LA
POLLUTION EN MER DU NORD.

TECHNICAL REPORT

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RELEVÉ DES DONNÉES MÉTÉOROLOGIQUES ET DE
NAVIGATION (Croisière printemps 18 avril -
11 mai 1973).

F.N. - Z.M.

Station	Date	H.	Position	Marée	Courant Dir. Vit.	Vent Dir. Vit.	Prof. m.	Couleur Eau	Temp. Mer	Temp. de l'air Sec Humide	Pression
1	18/04/73	1300	51°06'15"N 02°32'30"E	Duinkerke 1320	053	0.8	310/6	10	7.5	8.0 5.5	1022.5
1	"	1400	"	1h. after HW Duinkerke	057	0.8	320/3	9.5	9.0	8.0 5.5	1022.0
2	"	1600	51°05'20"N 02°15'00"E	3h. after HW Duinkerke	039	0.2	305/6	26	7.3	8.4 5.5	1021.5
3	"	1800	"	5h. "	252	0.8	310/7	30	8.0	8.5 5.0	1021.0
3	"	1900	"	6h. "	245	1.6	310/7	29.5	7.0	8.5 5.5	1021.0
6	24/04/73	1300	51°27'45"N 03°09'00"E	4h. after 0843 HW Zeebrugge	331	0.7	050/10	8	7.5	10.0 6.0	1012.5
4	"	1400	"	5h. "	302	1.1	040/10	8.3	7.5	9.5 6.5	1012.0
5	"	1600	"	4h. "	320	0.6	030/20	5.5	7.5	12.4 6.5	1012.0
11	26/04/73	1200	51°51'00"N 03°47'12"E		264	0.2	/1	11.5	7.6	8.2 5.0	1019.0
7	"	1900	51°28'30"N 02°51'00"E	1h. bef. HW Oostende	052	1.1	100/3	27	8.5	9.5 5.0	1017.0
7	"	2000	"	HW Oost.	052	1.0	110/4	27	7.5	9.5 4.0	1015.0
7	"	2100	"	1h. after HW Oostende	047	1.1	110/5	27	7.0	9.0 4.0	1016.0
7	"	2200	"	2h. "	037	1.0	130/5	27	8.0	9.5 3.0	1016.0
7	"	2300	"	3h. "	028	0.4	150/7	26.5	7.5	9.5 4.0	1016.0
7	27/04/73	0000	51°28'30"N 02°51'00"E	4h. after HW Oost.	342	0.3	170/10	26	7.5	9.0 4.5	1015.3
"	"	0100	"	5h. "	268	0.4	170/5	25	7.5	9.0 3.5	1014.3
"	"	0200	"	6h. after HW Zeeb.	234	0.6	230/7	25	7.3	9.0 3.5	1014.0

Station	Date	H.	Position	Marée	Courant Dir. Vit.	Vent Dir. Vit.	Prof. m.	Couleur Eau	Temp. Mer	Temp.de l'air Sec Humide	Pression
7	27/04/73	0300	51°28'30"N 02°51'00"E	6h.bef.HW	231 0.8	235/10	25	-	7.3	8.6 3.5	1013.8
"	"	0400	"	5h. "	229 1.2	215/9	25	-	7.5	8.7 4.0	1013.0
10	"	0800	51°28'30"N 01°56'50"E	1h.afterHW Dover	029 0.5	300/4	44	-	7.0	8.3 4.7	1012.0
8	"	1200	51°28'30"N 02°33'40"E	4h.afterHW Oostende	000 0.4	320/4	37	-	8.0	9.0 5.5	1013.0
15	02/05/73	1400	51°51'10"N 02°33'40"E	4h.afterHW Dover	027 1.1	045/17	39	-	7.7	8.7 5.7	1012.7
21	03/05/73	0100	52°36'48"N 04°24'36"E	2h.afterHW Dover	000 0.3	065/6	16	-	8.0	8.0 4.5	1011.5
"	"	0200	"	3h. "	022 1.0	065/6	16.5	-	8.0	8.0 4.5	1011.0
"	"	0300	"	4h. "	023 1.4	075/6	17.5	-	8.0	8.0 4.5	1010.8
"	"	0400	"	5h. "	024 1.3	060/6	18	-	8.0	8.0 4.5	1011.0
"	"	0500	"	6h. "	023 0.1	060/7	17	-	8.0	8.0 4.5	1011.0
"	"	0600	"	6h.bef.HW Dover	023 0.6	060/6	17	-	8.0	8.0 4.3	1010.5
"	"	0700	"	5h. "	022 0.1	060/5	17	-	8.0	8.0 4.5	1010.5
17	"	2200	52°13'07"N 03°47'04"E	2h.bef.HW	212 1.3	155/10	27	-	8.3	11.9 7.3	1006.0
"	"	2300	"	1h. "	211 1.0	140/9	27	-	8.1	11.7 7.6	1006.0
"	"	2400	"	HW	205 0.4	140/10	27	-	8.0	11.6 7.1	1006.0
17	04/05/73	0100	52°13'07"N 03°47'04"E	1h.after HW Dover	056 0.4	140/10	26	-	8.4	12.6 8.0	1005.0
"	"	1200	"	2h. "	047 1.0	130/8	26	-	8.4	12.6 7.6	1004.5
"	"	0300	"	3h. "	041 1.3	140/8	23.5	-	8.1	12.0 8.0	1004.0

Station	Date	H.	Position	Marée	Courant Dir. Vit.	Vent Dir. Vit.	Prof. m.	Couleur Eau	Temp. Mer	Temp. de l'air Sec Humide	Pression
17	04/05/73	0400	52°13'07"N 03°47'04"E	4h. after HW Dover	034 1.1	150/6	25	-	8.1	11.4 9.1	1003.9
"	"	0500	"	5h. "	021 0.8	160/6	25	-	8.1	11.5 9.4	1003.8
"	"	0600	"	6h. "	352 0.4	175/8	24.5	-	8.0	11.5 9.2	1004.5
16	07/05/73	1900	52°13'08"N 04°05'06"E	4h. after HW Dover	029 1.3	080/2	20.5	donkergroen	7.0	9.4 9.5	1011.2
"	"	2000	"	5h. "	025 1.1	050/1a2	20	"	8.9	9.4 5.6	1010.5
"	"	2100	"	6h. "	020 0.7	330/1	19	"	8.6	8.6 5.0	1011.5
"	"	2200	"	6h. bef. HW	013 0.5	000/1	19	"	7.7	9.0 5.7	1011.8
"	"	2300	"	5h. "	slack	320/2	19	"	8.6	8.2 5.2	1012.0
"	"	2400	"	4h. "	209 0.7	330/1.2	19	"	8.6	8.5 5.5	1012.1
16	08/05/73	0100	"	3h. bef. HW Dover	211 1.1	310/3	19.5	-	8.3	8.4 3.6	1012.0
"	"	0200	"	2h. "	214 1.2	300/1	19	-	8.3	8.3 3.6	1012.5
"	"	0300	"	1h. "	215 1.1	300/1	19	-	8.4	8.3 3.6	1013.0
"	"	0400	"	HW Dover	212 0.7	300/2	19	-	8.4	8.2 3.6	1013.0
"	"	0500	"	1h. after HW Dover	198 0.3	265/3	20	-	8.5	8.5 4.0	1013.1
"	"	0600	"	2h. "	044 0.7	225/3-4	21	-	8.7	8.7 5.6	1013.7
"	"	0700	"	3h. "	035 1.5	230/5	21	-	8.4	? 5.5	1013.8
"	"	0800	"	4h. "	029 1.3	250/7	21	-	8.4	? 6.0	1014.2
"	"	0900	"	5h. "	028 1.1	270/4	20	-	8.5	8.7 7.1	1015.0
"	"	1000	"	6h. "	013 0.5	270/12	20	-	8.0	9.1 7.4	1016.0
"	"	1100	"	5h. bef. HW Dover	slack	290/15	20	-	8.9	9.0 7.3	1016.5
"	"	1200	"	4h. "	209 0.7	295/15	20	-	8.6	9.5 6.0	1017.0

Station	Date	H.	Position	Marée	Courant Dir. Vit.	Vent Dir. Vit.	Prof. m.	Couleur Eau	Temp. Mer	Temp.de l'air Humide	Pression
16	08/05/73	1300	52°13'08"N 04°05'05"E	3h.bef. HW Dover	211 1.7	290/20	20	-	8.6	9.0 6.0	1017.4
"	"	1400	"	2h. "	214 1.2	290/19	20	-	8.5	9.0 6.5	1018.0
"	"	1500	"	1h. "	215 1.1	295/18	20	-	8.5	9.0 6.5	1018.8
"	"	1600	"	HW	212 0.7	295/15	20	-	8.5	9.0 6.0	1019.0
"	"	1700	"	1h.after HW	198 0.3	295/15	20	-	9.1	8.6 5.1	1019.3
"	"	1800	"	2h. "	044 0.7	300/15	20	-	9.0	8.6 5.2	1019.8
"	"	1900	"	3h. "	035 1.5	300/12	20	-	8.7	8.6 5.0	1020.3
"	"	2000	"	4h. "	029 1.3	270/10	20	-	8.6	8.5 5.3	1021.0
"	"	2100	"	5h. "	025 1.1	260/10	20	-	9.0	8.8 5.0	1021.0
"	"	2200	"	6h. "	020 0.7	265/13	19.5	-	8.8	8.8 5.0	1022.0
"	"	2300	"	6h.bef.HW	013 0.5	265/12	19	-	9.2	9.2 5.2	1022.5
"	"	2400	"	5h. "	slack	230/13	19	-	8.7	8.7 5.3	1021.0
16	09/05/73	0100	52°13'08"N 04°05'06"E	4h.bef.HW Dover	209 0.7	220/12	19.5	Vert-Brun	8.6	9.1 7.6	1021.0
"	"	0200	"	3h. "	211 1.1	230/11	19.5	"	8.9	9.4 7.6	1021.1
"	"	0300	"	2h. "	214 1.2	245/10	19	"	8.9	9.6 7.6	1021.1
"	"	0400	"	1h. "	215 1.1	245/11	19	"	8.8	9.4 7.6	1020.8
"	"	0500	"	HW	212 0.7	245/10	19.5	"	8.7	9.2 8.4	1020.7
"	"	0600	"	1h.after HW Dover	198 0.3	245/11	19.5	"	8.8	9.3 8.5	1020.8
"	"	0700	"	2h. "	044 0.7	260/11	21	"	8.8	9.6 8.4	1020.9
"	"	0800	"	3h. "	035 1.5	270/12	21	"	8.8	5.6 8.4	1020.9
"	"	0900	"	4h. "	029 1.3	265/14	21	-	9.0	9.6 6.9	1021.0
"	"	1000	"	5h. "	025 1.1	260/12	20.5	-	9.0	10.0 7.0	1021.4
"	"	1100	"	6h. "	020 0.7	255/12	19.5	-	8.9	9.8 7.0	1021.8

Station	Date	H.	Position	Marée	Courant Dir. Vit.	Vent Dir. Vit.	Prof. m.	Couleur Eau	Temp. Mer	Temp. de l'air Sec Humide	Pression
16	09/05/73	1200	52°13'08"N 04°05'06"E	5h.bef.HW	slack	255/12	20	-	8.9	10.0	1021.6
"	"	1300	"	4h. "	219 0.7	250/13	19.5	-	9.0	10.0	1021.6
"	"	1400	"	3h. "	211 1.1	260/10	19.5	-	9.0	10.2	1021.1
"	"	1500	"	2h. "	214 1.2	240/12	19.5	-	9.1	10.2	1021.1
"	"	1600	"	1h. "	215 1.1	240/13	19	-	9.0	10.0	1020.7
"	"	1700	"	HW	212 0.7	220/12	19.5	-	9.3	10.4	1020.0
"	"	1800	"	1h.after HW	198 0.3	205/12	19.5	-	9.3	10.3	1019.3
"	"	1900	"	2h. "	044 0.7	215/20	19.5	-	9.3	10.4	1018.7
"	"	2000	"	3h. "	035 1.5	220/22	20	-	8.9	10.2	1017.7
"	"	2100	"	4h. "	029 1.3	220/23	20.5	-	9.1	10.2	1018.0
"	"	2200	"	5h. "	025 1.1	220/22	20.5	-	9.1	10.1	1017.8
"	"	2300	"	6h. "	020 0.7	220/22	20	-	8.9	9.6	1015.7
"	"	2400	"	6h.bef.HW	013 0.5	220/22	20	-	9.0	9.6	1015.7
16	10/05/73	0100	52°13'08"N 04°05'06"E	5h.bef.HW Dover	slack	225/22	19	Vert-Brun	8.8	9.4	1014.7
"	"	0200	"	4h. "	209 0.7	220/22	19.	"	8.8	9.4	1013.7
"	"	0300	"	3h. "	211 1.1	225/22	19	"	8.8	9.4	1012.8
"	"	0400	"	2h. "	214 1.2	225/23	19	"	8.5	9.4	1012.0
"	"	0500	"	1h. "	215 1.1	225/25	19	"	8.7	9.1	1011.0
"	"	0600	"	HW	212 0.7	230/25	19.5	"	9.0	9.2	1010.4
"	"	0700	"	1h.after HW	198 0.9	230/22	20	"	9.1	9.2	1010.0
"	"	0800	"	2h. "	044 0.7	220/25	20.5	"	9.0	9.2	1009.7
"	"	0900	"	3h. "	035 1.5	230/24	21	"	9.2	9.1	1009.9
"	"	1000	"	4h. "	029 1.3	220/26	20	-	9.2	9.6	1009.8
"	"	1100	"	5h. "	025 1.1						
"	"	1200	"	6h. "	020 0.7						