

000001

CAMPAGNE 74001 Bis

RESULTATS D'OBSERVATIONS-BATHYTHERMOGRAPHIES

La campagne 74.01bis, mission d'échoprospection réalisée à bord du N.O "Capricorne", a eu lieu du 19 au 31 janvier 1974. Elle a couvert l'ensemble du plateau continental ouest-africain compris entre les parallèles 9°30' et 16°50' NORD,

Au cours de la mission 248 bathythermogrammes ont été réalisés à intervalles réguliers; tous les six milles environ, Deux appareils ont été utilisés successivement; l'appareil utilisé pour les onze premières stations ayant donné de très mauvais résultats, seuls figurent dans ce recueil les bathythermogrammes réalisés à partir de la station n° 12 avec l'appareil n° 11011, bathythermographe 0-140 m construit par Wallace et Tiernan.

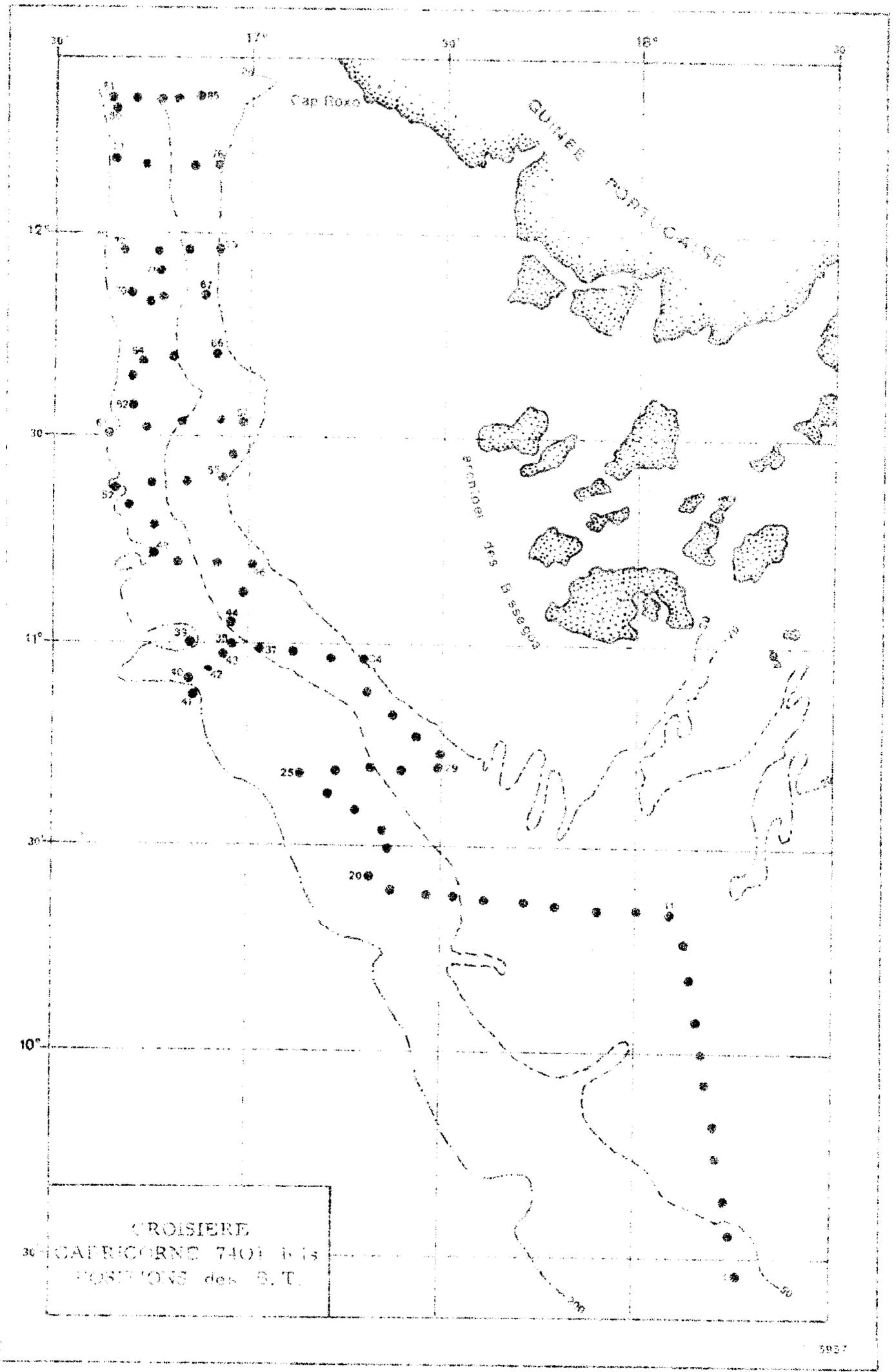
Le premier tableau présente le numéro et la position des différentes stations ainsi que la profondeur et la température de surface relevée au thermographe de surface du "Capricorne".

Dans le second tableau sont consignés les renseignements météorologiques suivants :

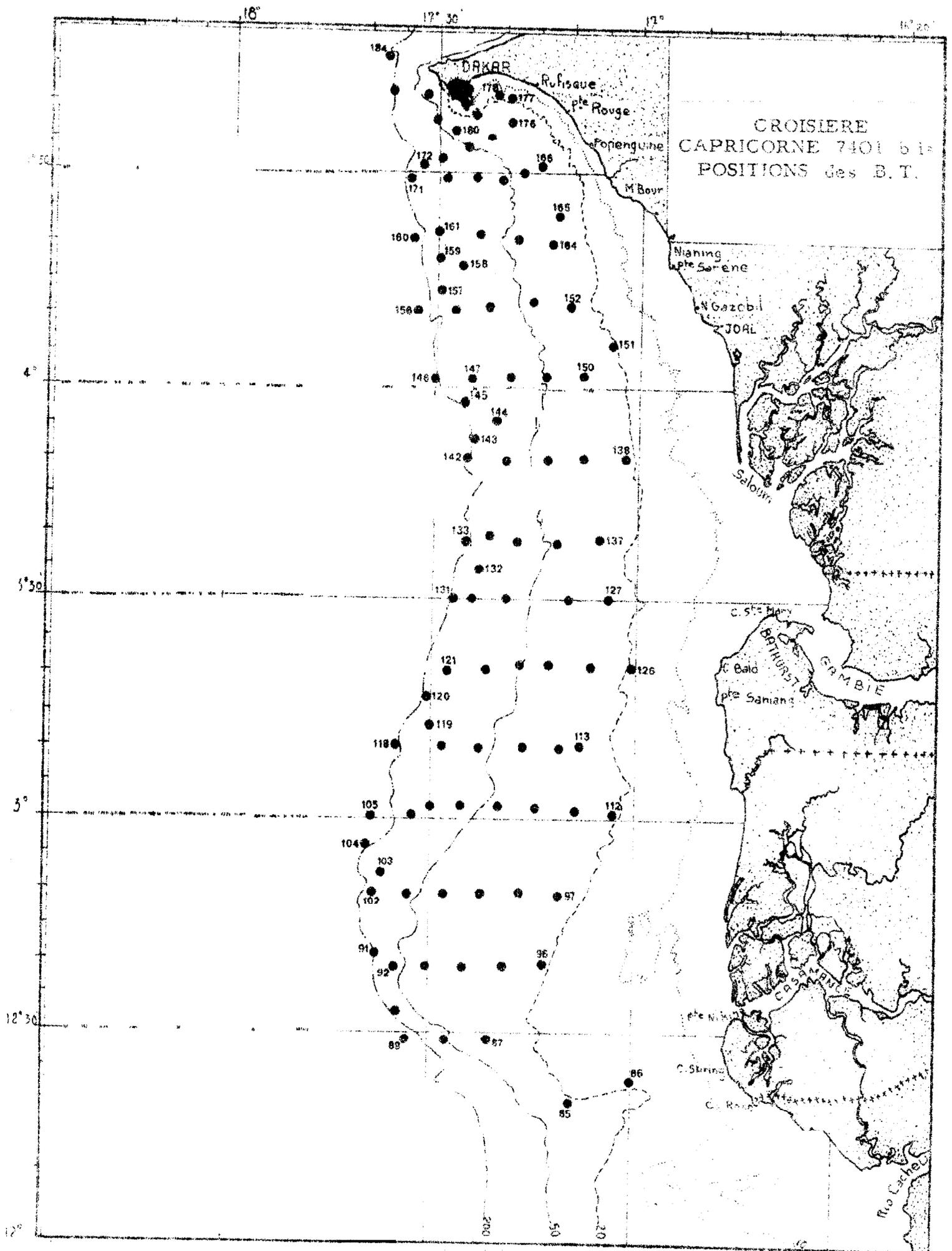
- Vent mesuré à l'altitude de 14 m environ
- Température de l'air sec et humide

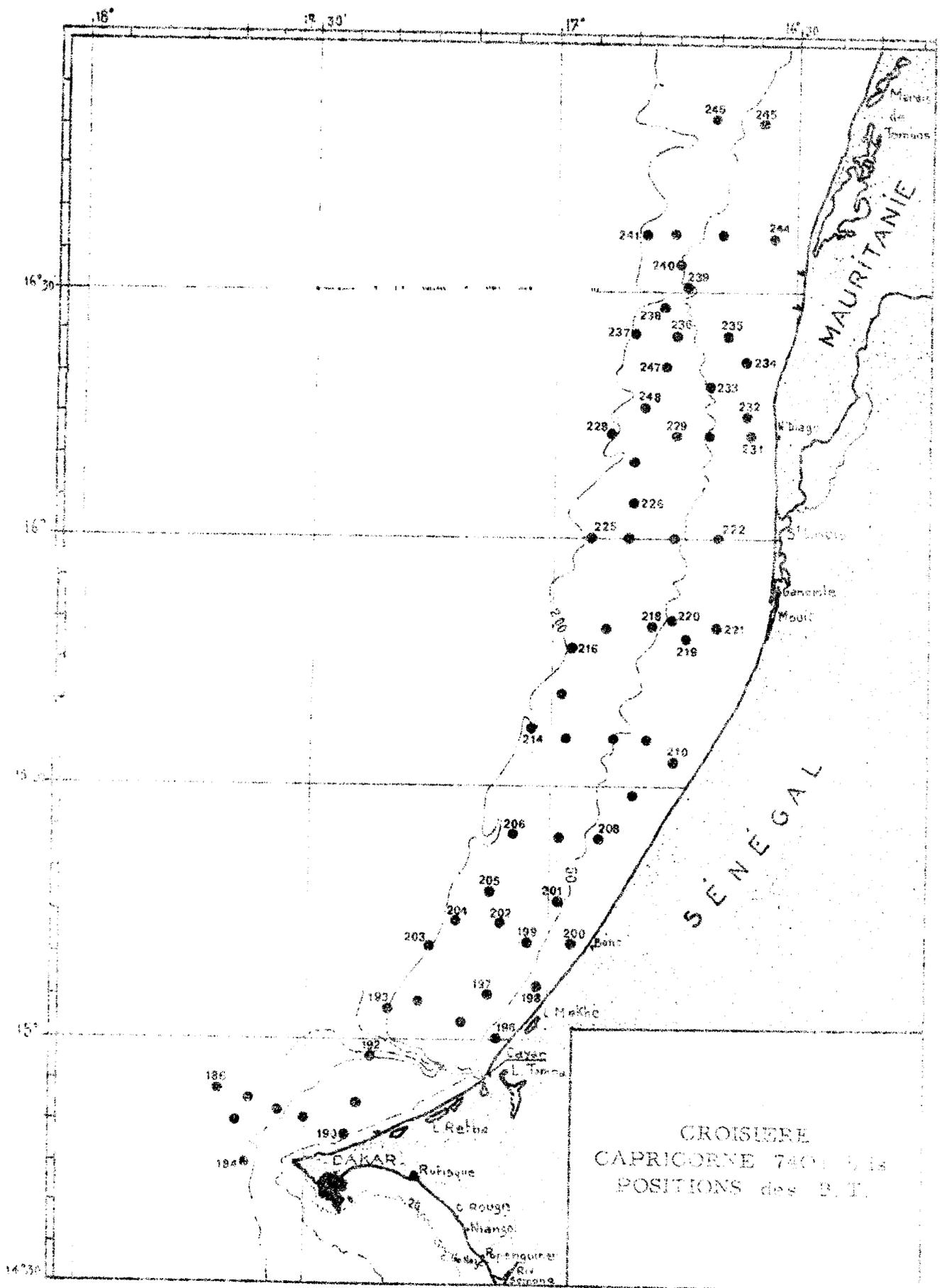
La première série de trois planches représente les positions des stations, La deuxième série de trois planches, représentant les isothermes de surface, a été dressée à partir des enregistrements du thermographe.

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NATIONAL OCEANOGRAPHIC DATA CENTER  
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CROISIÈRE  
 CARRICORNE 7401 à 15  
 POSITIONS des B.T.





"CAPRICORNE"  
 CAMPAGNE 74.01. Bis  
 BATHY THERMOGRAMMES

DATE	HEURE	POSITIONS		N°	T°	FOND	N°
		LAT.	LONG.	PLAQUE	B.T. SURF'	(m)	BATHY
22.1.74	23.15	09°17' N	15°44' W	1	25°2	78	17867
"	23.45	09°33'	15°45'	2	25°2	59	"
23.1.74	00.15	09°38'	15°46'	3	25°3	55	"
"	00.45	09°44'	15°47'	4	25°6	45	"
"	01.15	09°49'	15°47'5	5	26°0	42	"
"	01.45	09°55'	15°49'	6	26°0	38	"
"	02.15	09°59'	15°50'	7	26°0	34	"
"	02.45	10°04'	15°50'5	8	26°0	31	"
"	03.15	10°10'5	15°51'5	9	26°2	37	"
"	03.45	10°16'	15°52'5	10	26°0	29	"
"	04.15	10°21'	15°54'	11	25°9	26	"
23.1.74	07.15	10°21'	16°00'	12	25°8	47	RR 11011
"	07.45	10°21'5	16°05'5	13	25°7	29	"
"	08.10	10°22'	16°12'	14	25°5	38	"
"	08.45	10°22'	16°17'	15	25°6	43	"
"	09.15	10°22'5	16°23'	16	25°2	53	"
"	09.45	10°23'	16°28'	17	25°1	57	"
"	10.15	10°23'	16°32'	18	24°7	73	"
"	10.45	10°24'	16°37'5	19	24°6	119	"
"	11.15	10°26'	16°41'	20	24°7	144	"
"	11.45	10°30'	16°38'	21	25°0	94	"
"	12.15	10°33'	16°39'	22	25°5'	81	"
"	12.45	10°35'5	16°43'	23	25°0	100	"
"	13.15	10°38'	16°47'	24	25°0	150	"

"CAPRICORNE "  
 CAMPAGNE 74.01 Bis  
 BATHYTHERMOGRAMMES

DATE	HEURE	POSITIONS		N° PLAQUE B.T	T° SURF.	FOND (m)	N° BATHY.
		LAT.	LONG.				
23.1.74	13.45	10°41'	N:16°52' W:	25	25°2	164	"
"	14.15	10°41'5	16°46'	26	25°0	141	"
"	14.45	10°41'5	16°41'	27	25°5	104	"
"	15.15	10°42'	16°36'	28	25°7	57	"
"	15.45	10°42'	16°30'5	29	25°5	50	"
"	16.15	10°43'5	16°30'5	30	25°4	41	"
"	16.45	10°46'	16°34'	31	25°6	42	"
"	17.15	10°49'5	16°37'5	32	25°5	41	"
"	17.45	10°53'	16°42'	33	25°5	41	"
"	18.15	10°58'	16°42'	34	25°2	29	"
"	18.45	10°58'	16°47'	35	25°3	38	"
"	19.15	10°59'	16°53'	36	25°4	45	"
"	19.45	10°59'5	16°58'5	37	25°2	54	"
"	20.15	11°00'	17°02'	38	25°0	84	"
"	20.45	11°00'	17°09'	39	24°6	> 250	"
"	21.15	10°55'	17°09'	40	24°6	142	"
"	21.45	10°52'	17°08'	41	24°7	200	"
"	22.15	10°56'	17°06'	42	25°1	> 100	"
"	22.45	10°59'	17°03'5	43	25°3	78	"
24.1.74	01.45	11°03'5	17°03'	44	25°3	54	"
"	02.15	11°07'5	17°00'5	45	25°2	35	"
"	02.45	11°12'	16°59'	46	24°8	25	"
"	03.15	11°12'	17°05'	47	25°0	40	"
"	03.45	11°12'	17°11'	48	24°7	75	"
"	04.15	11°13'5	17°14'	49	24°5	125	"
"	04.45	11°17'5	17°14'	50	24°5	73	"
"	05.15	11°21'	17°18'	51	24°4	89	"
"	05.45	11°22'	17°20'5	52	24°4	125	"
"	06.15	11°23'	17°15'	53	24°5	64	"
"	06.45	11°23'	17°09'	54	24°5	46	"
"	07.15	11°24'	17°04'	55	24°5	28	"

"CAPRICORNE"  
 CAMPAGNE. 74.01 Bis  
 BATHYTHERMOGRAMMES

DATE	HEURE	POSITIONS		N°	T°	FOND	N°
		LAT.	LONG.	PLAQUE B.T	SURF.	(m)	BATHY.
24.1.74	:07.45	11°28'	N:17°02' W:	56	23°9	29	RR 11011
"	:08.15	11°32'	:17°01'	57	23°0	29	"
"	:08.45	11°32'	:17°04'	58	23°7		PI
"	:09.15	11°31'5	:17°10'	59	24°2	46	"
"	:09.45	11°31'	:17°15'	60	24°1	74	"
"	:10.15	11°30'5	:17°21'5	61	23°8	154	PI
"	:10.45	11°34'5	:17°18'	62	23°6	107	PI
PP	:11.15	11°38'5	:17°18'	63	23°5	104	"
"	:11.5	11°41'	:17°16'	64	23°5	102	"
"	:12.15	11°42'	:17°11'	65	23°7	69	PI
PP	:12.45	11°42'5	:17°05'	66	23°5	34	"
"	:15.30	11°51'	:17°07'	67	22°7	44	PI
"	:16.00	11°51'	:17°13'	68	23°3	100	"
"	:16.15	11°50'5	:17°15'5	69	23°5	108	"
"	:16.45	11°51'	:17°18'	70	23°5	134	"
:17.15		11°54'	:17°14'	71	23°4	104	PI
"	:17.45	11°57'	:17°19'	72	23°2	190	PI
"	:18.15	11°57'5	:17°14'	73	23°1	102	"
"	:18.45	11°57'5	:17°09'5	74	22°8	59	"
PI	:19.15	11°58'	:17°05'	75	23°2	22	"
"	:23.45	12°10'	:17°05'	76	22°6	23	"
25.1.74	:00.15	12°10'5	:17°09'	77	22°2	54	"
"	:00.45	12°10'5	:17°16'	78	22°0	99	"
"	:01.15	12°11'	:17°21'	79	22°1	200	"
"	:02.15	12°18'5	:17°21'	80	22°0	54	"
"	:02.40	12°20'5	:17°21'5	81	22°0	104	"
"	:03.00	12°20'5	:17°17'5	82	21°8	79	"
"	:03.20	12°20'5	:17°14'	83	21°5	48	"
"	ro3.40	12°20'5	:17°11'	84	21°5	32	"
"	:04.00	12°20'5	:17°08'	85	21°5	27	"
"	:07.05	12°24'5	:17°01'	86	21°2	22	"
"	:10.15	12°30'	:17°21'5	87	21°6	22	"

"CAPRICORNE"

CAMPAGNE 74.01 Bis

BATHYTHERMOGRAMMES

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DATE	HEURE	POSITIONS		N°	T°	FOND	NO
		LAT.	LONG.	PLAQUE	B.T.	(m)	BATHY.
: 25.1.74	: 10.45	: 12°30'	N:17°27'5	W: 88	: 21°8	: 40	: RR 11011
: "	: 11.15	: 12°30'	: 17°33'	: 89	: 22°0	: 56	: "
: "	: 11.	: 12° 4'	: 1 0 '	: 90	: 22°1	: 100	: "
: "	: 14.10	: 12°42'	: 17°38'	: 91	: 21°8	: 100	: "
: "	: 14.40	: 12°40'	: 17°35'	: 92	: 21°7	: 102	: "
: "	: 15.10	: 12°40'	: 17°30'5	: 93	: 21°6	: 44	: "
: "	: 15.40	: 12°40'	: 17°25'	: 94	: 21°5	: 39	: "
: "	: 16.10	: 12°40'	: 17°19'	: 95	: 22°0	: 31	: "
: "	: 16.40	: 12°40'5	: 17°13'5	: 96	: 22°4	: 23	: "
: "	: 21.45	: 12°50'	: 17°11'5	: 97	: 21°0	: 27	: "
: "	: 22.15	: 12°50'	: 17°17'	: 98	: 21°3	: 34	: "
: "	: 22.	: 12°50'	: 17°22'5	: 99	: 21°4	: 41	: "
: "	: 23.15	: 12°50'	: 17°28'	: 100	: 21°4	: 48	: "
: "	: 23.45	: 12°50'	: 17°33'	: 101	: 21°5	: 54	: "
: 26.1.74	: 00.15	: 12°50'	: 17°38'	: 102	: 22°0	: 109	: "
: "	: 00.45	: 12°53'5	: 17°37'	: 103	: 21°5	: 85	: "
: "	: 01.15	: 12°57'	: 17°39'5	: 104	: 21°5	: 150	: "
: "	: 01.45	: 13°01'	: 17°38'5	: 1 0 5	: 21°4	: 250	: "
: 13°01'	: 02.15		: 17°32'5	: 106	: 21°2	: 79	: "
: "	: 04.40	: 13°02'	: 17°30'5	: 107	: 21°0	: 68	: "
: "	: 05.10	: 1 02'	: 17°25'	: 108	: 20°8	: 54	: "
: "	: 05.40	: 13°02'	: 17°20'	: 109	: 20°7	: 44	: "
: "	: 06.10	: 1 01'5	: 17°14'5	: 110	: 20°6	: 37	: "
: "	: 06.40	: 13°01'5	: 17°09'	: 111	: 20°3	: 29	: "
: "	: 07.10	: 13°01'	: 17°03'5	: 112	: 20°4	: 21	: "
: "	: 12.00	: 13°10'	: 17°08'5	: 113	: 20°1	: 29	: "
: "	: 12.15	: 13°10'	: 17°11'	: 114	: 20°5	: 39	: "
: "	: 12.45	: 13°10'	: 17°16'5	: 115	: 20°5	: 49	: "
: "	: 13.15	: 13°10'	: 17°22'5	: 116	: 20°5	: 60	: "
: "	: 13.45	: 13°10'	: 17°28'	: 117	: 20°5	: 64	: "
: "	: 14.15	: 13°10'	: 17°35'	: 118	: 20°6	: 120	: "
: "	: 14.45	: 13°13'5	: 17°30'	: 119	: 20°5	: 104	: "

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 CAMPAGNE 7401 Bis  
 BATHYTHERMOGRAMMES

DATE	HEURE	POSITIONS		N° PLAQUE	B.T	T° SURF.	FOND (m)	N° BATHY.
		LAT.	LONG.					
:26.1.74	:15.15	:13°17'	N:17°30'5 W:	120	:	20°3	110	:RR. 11011
"	:15.45	:13°20'5	:17°27'5	121	:	20°2	104	"
"	:16.15	:13°21'	:17°22'	122	:	20°4	77	"
:16.45		:13°21'5	:17°17'	123	:	20°5	58	"
"	:1.15	:13°21'5	:17°12'5	124	:	20°5	44	"
"	:17.45	:13°21'5	:17°07'	125	:	20°2	34	"
"	:18.15	:13°21'	:17°01'	126	:	19°9	21	"
"	:21.15	:13°30'5	:17°05'	127	:	19°5	27	"
"	:21.45	:13°30'5	:17°10'	128	:	19°5	41	"
:27.1.74	:00.45	:13°31'	:17°19'5	129	:	20°0	72	"
"	:01.15	:13°30'5	:17°24'	130	:	20°0	94	"
"	:01.45	:13°31'	:17°27'	131	:	20°0	250	"
"	:02.15	:13°34'5	:17°23'	132	:	19°7	91	"
"	:02.45	:13°38'5	:17°19'7	133	:	250		"
"	:03.15	:13°39'5	:17°22'	134	:	19°5	87	"
"	:03.45	:13°38'5	:17°17'5	135	:	19°3	67	"
"	:04.15	:13°38'5	:17°12'	136	4519°	2		"
:04.45		:13°39'	:17°06'	137	:	19°2	33	"
"	:08.00	:13°50'	:17°02'	138	:	18°5	24	"
"	:08.30	:13°50'	:17°08'	139	:	18°6	34	"
"	:09.00	:13°50'	:17°13'5	140	:	18°7	40	"
"	:09.30	:13°50'	:17°19'	141	:	18°7	53	"
"	:10.00	:13°50'	:17°24'5	142	:	19°4	94	"
"	:10.30	:13° 2'	:17°24'5	143	:	19°1	103	"
"	:11.00	:13°55'5	:17°21'	144	:	18°7	67	"
"	:11. 0	:13°58'	:17°25'	145	:	19°2	85	"
"	:12.00	:14°01'	:17°30	146	:	19°3	114	"
"	:12.30	:14°01	:17°24'5	147	:	19°0	85	"
"	:13.00	:14°01'5	:17°19'	148	:	19°0	66	"
"	:13.30	:14°01'5	:17°13'5	149	:	18°8	44	"
"	:14.00	:14°01'5	:17°08'5	150	:	18°5	33	"

"CAPRICORNE"

CAMPAGNE 74.01 Bis

BATHYTHERMOGRAMMES

DATE	HEURE	POSITIONS		N° PLAQUE B. T.	T° SURF.	FOND (m)	N° BATHY.
		LAT.	LONG.				
27.1.74	16.05	14°06'	N 17°04' W	151	18%	24	RR 11011
"	17.30	14°11'	17010'	152	18°3	29	"
"	18.00	14°11'5	17°15'5	153	18°8	46	"
If	18.00	14°11'	17022'	154	18°8	77	"
"	19.00	14°10'	17°27'	155	18°8	102	"
"	19.35	14010' 5	17°32'	156	19°1	250	"
"	20.00	14°11'	17°29'	157	18°5	108	"
II	20.30	14016' 5	17°26'	158	18°4	94	*
"	21.00	14°17'5	17°29'5	159	18°2	104	"
11	21.30	14°20'5	17°33'	160	18°5	100	"
"	22.00	14°21'	17°29'	161	18°3	107	"
"	22.30	14°20'5	17°23'	162	18°2	74	"
"	23.00	14020'	17°18'	163	17°9	49	"
"	23.30	14°20'	17013'	164	18°1	34	"
28.1.74	00.50	14°23'5	17°12'	165	17°8	34	"
"	02.15	14°30'	17°15'	166	17°5	37	"
"	02.45	14°29'5	17°17'5	167	18°0	56	"
"	05.00	14°28'5	17°20'5	168	18°0	56	"
11	05.20	14°28'5	17024'	169	17°8	72	"
"	05.45	14°28'5	17°28'5	170	18°5	89	"
"	06.10	14°29'	17033' 5	171	19°0	109	"
"	06.40	14030'	17031' 5	172	19°0	106	"
"	07.00	14°31'	17029'	173	17°9	84	"
"	07.20	14°33'	17025'	174	17°5	69	"
"	07.40	14°34'	17°22'	175	17°2	41	"
"	08.00	14°36'5	17°19'	176	17°0	33	"
"	08.20	14°40'	17°19'	177	17°2	27	"
"	08.40	14°40'	17°21'	178	17°2	24	"
"	09.00	14037' 5	17°24'5	179	17°3	29	"
"	09.20	14035' 5	17027'	180	17°6	37	"

"CAPRICORNE "

CAMPAGNE 74.01 Bis

BATHYTHERMOGRAMMES

DATE	HEURE	POSITIONS		N° PLAQUE	B.T	T° SURF.	FOND (m)	N° BATHY.
		LAT.	LONG.					
:28.1.74	:09.40	:14°37' N	: 17°29'5 W	: 181	:	: 17°6	: 55	:RR 11011
: "	:10.00	: 14°40'	: 17°31'5	: 182	:	: 17°6	: 67	: "
: "	:10.0	:14°40'5	: 17°36'5	: 183	:	: 18°7	: >200	: "
: "	:11.00	:14°45'5	: 17037'5	: 184	:	: 17°7	: <del>250</del>	: "
: "	:11.30	:14°50'	: 17039	: 185	:	: 18°5	: >200	: "
: "	:12.00	:14°54'	: 17°41'	: 186	:	: 18°5	: >125	: "
: "	:12.20	:14°53'	: 17°37'	: 187	:	: 18°0	: >125	: "
: "	:12.40	:14°51'5	: 17°33'5	: 188	:	: 17°5	: "125	: "
: "	:13.00	:14°50'5	: 17°30'5	: 189	:	: 17°5	: >125	: "
: "	: 1.0	:14°49'	: 17°24'5	: 190	:	: 17°5	: 67	: "
: "	:14.00	:14°52'5	: 17°23'5	: 191	:	: 17°4	: 124	: "
: "	:14.30	:14°58'	: 17°21'5	: 192	:	: 17°8	: >150	: "
: "	:15.00	:15°03'5	: 17°19'5	: 193	:	: 18°0	: >150	: "
: "	:15.30	:15°04'5	: 17016'	: 194	:	: 18°5	: 70	: "
: "	:16.00	:15°02'	: 17°10'5	: 195	:	: 17°9	: v9	: "
: "	:16.0	:15°00'	: 17°06'	: 196	:	: 17°3	: 29	: "
: "	:17.00	:15°05'5	: 17°07'5	: 197	:	: 17°6	: 89	: "
: "	:17.35	:15°06'	: 17°01'	: 198	:	: 16°8	: 33	: "
: "	:18.05'		: 17°02'	: 199	:	: 16°2	: 78	: "
: "	:18.35	:15°12'	: 16°56'5	: 200	:	: 16°0	: 29	: "
: "	:19.05	:15°16'5	: 16°58'5	: 201	:	: 16°0	: 69	: "
: "	:19.40	:15°14'5	: 17°06'	: 202	:	: 16°4	: 104	: "
: "	:20.25	:15°11'5	: 17°15'	: 203	:	: 18°3	: >150	: "
: "	:20.55	:15°14'	: 17°11'5	: 204	:	: 17°0	: 170	: "
: "	:21.40	:15°17'5	: 17°07'	: 205	:	: 16°1	: 130	: "
: "	:22.25	:15°24'	: 17°04'5	: 206	:	: 16°2	: 174	: "
: "	:23.00	:15°24'	: 16°59'	: 207	:	: 16°0	: 90	: "
: "	:23.30	:15°24'	: 16°53'5	: 208	:	: 16°0	: 48	: "
:29.1.74	:00.30	:15°29'5	: 16°49'	: 209	:	: 15°8	: 31	: "
: "	:01.00	:15°33'	: 16°44'	: 210	:	: 15°7	: 24	: "
: "	:02.00	:15°36'	: 16°47'5	: 211	:	: 16°1	: 40	: "

"CAPRICORNE "

CAMPAGNE 74.01 Bis

BATHYTHERMOGRAPHIES

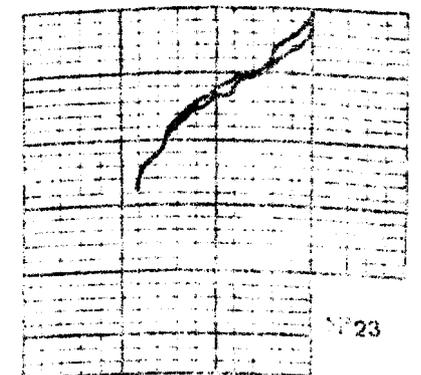
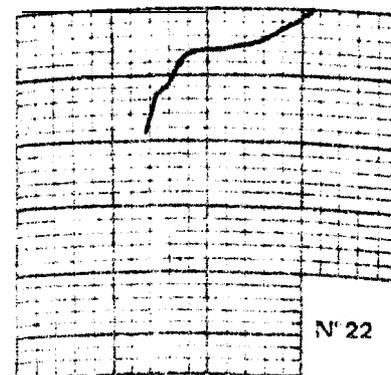
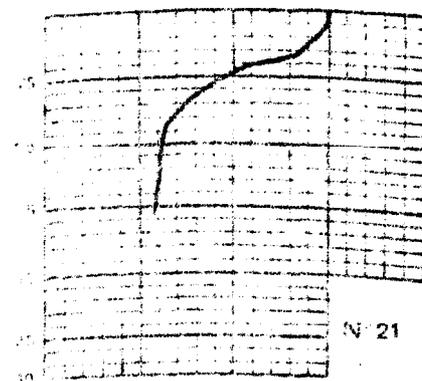
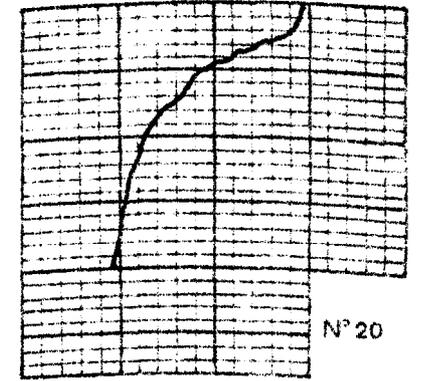
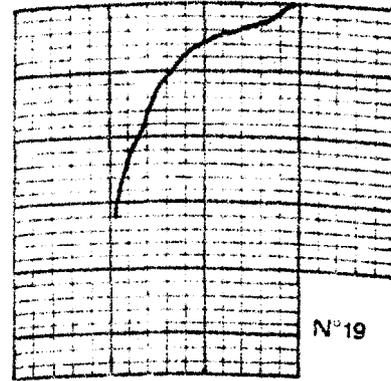
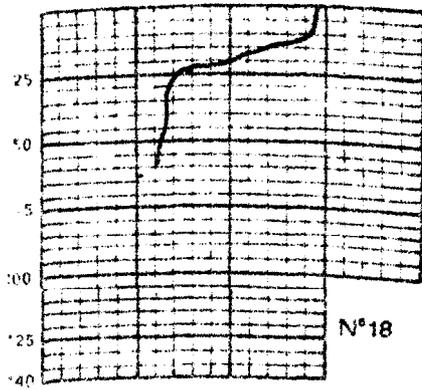
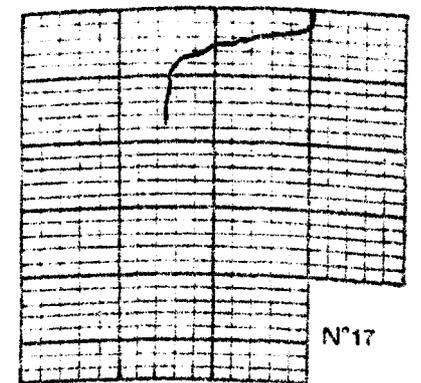
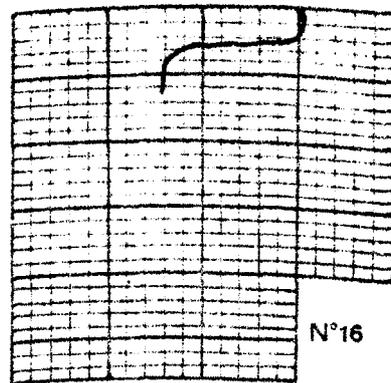
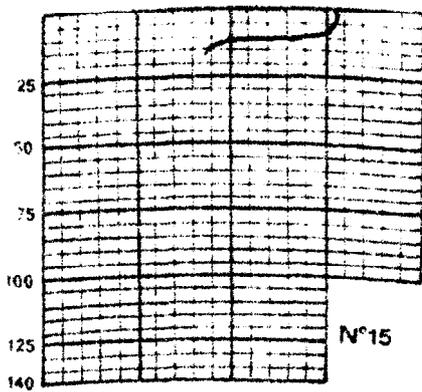
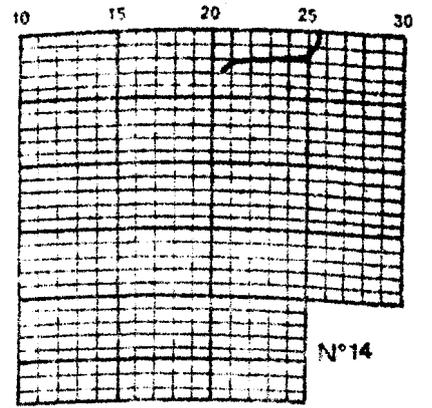
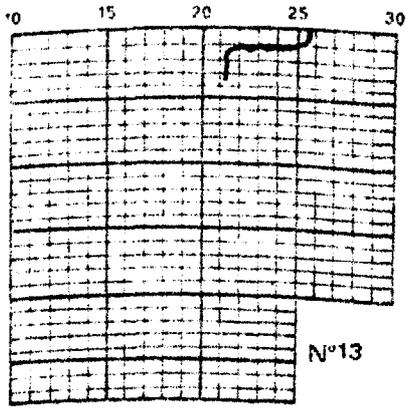
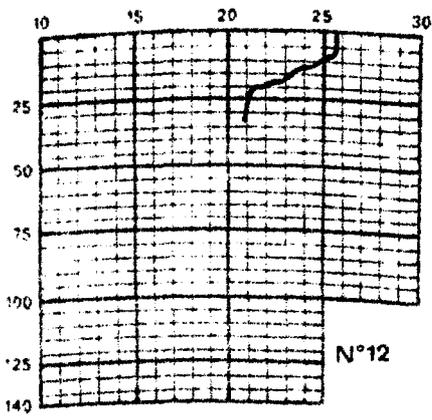
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:	:	: LAT.	: LONG.	: PLAQUE B.T	: SURF.	: (m)	: BATH.
:28-1-74:	02.30	: 15°36'	N : 16° 52' W	: 212	: 16°1	: 64	:RR110'1:
: "	: 03.00	: 15°36'	: 16°58'	: 213	: 16°0	: 99	: "
: "	: 03.30	: 15°37'	: 17°02'5	: 214	: 15°8	: 144	: "
: "	: 04.00	: 15°41'	: 16°58'5	: 215	: 16°0	: 114	: "
: "	: 04.30	: 15°46'5	: 16°57'	: 216	: 16°4	: 108	: "
: "	: 05.00	: 15°49'	: 16°53'	: 217	: 16°9	: 91	: "
: "	: 05.30	: 15°49'	: 16°47'	: 218	: 17°0	: 69	: "
: "	: 06.00	: 15°47'5	: 16°43'	: 219	: 15°9	: 44	: "
: "	: 08.45	: 15°50'	: 16°45'	: 220	: 16°4	: 58	: "
: "	: 09.15	: 15°49'	: 16°39'	: 221	: 15°5	: 34	: "
: "	: 11.15	: 16°00'	: 16°39'	: 222	: 15°8	: 44	: "
: "	: 11.45	: 16°00'	: 16°44'	: 223	: 17°0	: 70	: "
:29-1-74:	12.15	: 16°00'	: 16°50'	: 224	: 17°0	: 104	: "
: "	: 14.20	: 16°00'	: 16°55'	: 225	: 17°2	: 120	: "
: "	: 14.55	: 16°04'	: 16°50'	: 226	: 17°4	: 104	: "
: "	: 15.30	: 16°09'	: 16°49'5	: 227	: 17°3	: 110	: "
: "	: 15.55	: 16°12'	: 16°52'5	: 228	: 17°5	: 200	: "
: "	: 16.40	: 16°12'	: 16°44'	: 229	: 16°2	: 90	: "
: "	: 17°05	: 16°12'	: 16°40'5	: 230	: 15°7	: 60	: "
: "	: 17°30	: 16°12'	: 16°35	: 231	: 15°9	: 30	: "
: "	: 18.12	: 16°15'	: 16°35'5	: 232	: 15°9	: 31	: "
: "	: 18.45	: 16°17'5	: 16°40	: 233	: 15°8	: 64	: "
: "	: 19.15	: 16°20'5	: 16°35'	: 234	: 15°9	: 27	: "
: "	: 20.25	: 16°24'	: 16°38'	: 235	: 15°6	: 27	: "
: "	: 20.50	: 16°24'	: 16°44'5	: 236	: 15°6	: 80	: "
: "	: 21.30	: 16°24'	: 16°49'5	: 237	: 16°0	: 200	: "
: "	: 21.55	: 16°27'5	: 16°46'	: 238	: 15°8	: 120	: "
: "	: 22.15	: 16°30'	: 16°43'	: 239	: 15°9	: 89	: "
: "	: 22.45	: 16°33'	: 16°44'	: 240	: 15°9	: 58	: "
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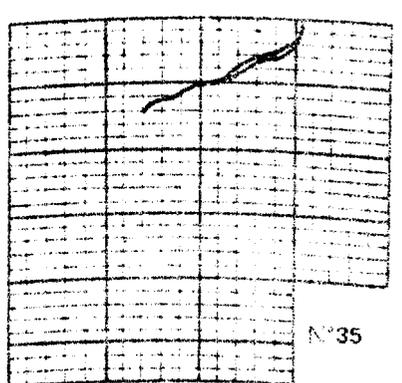
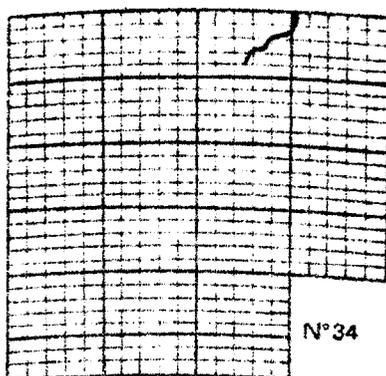
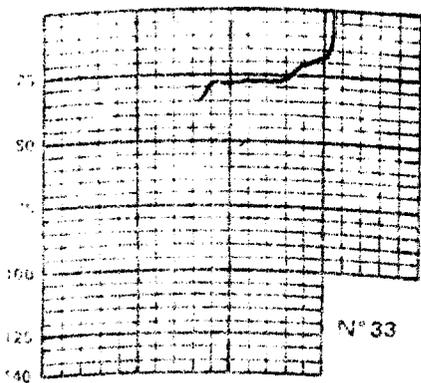
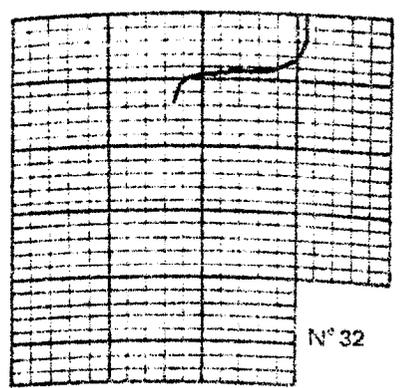
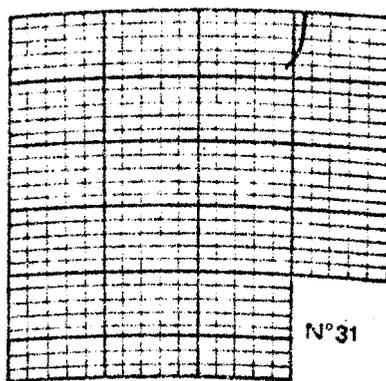
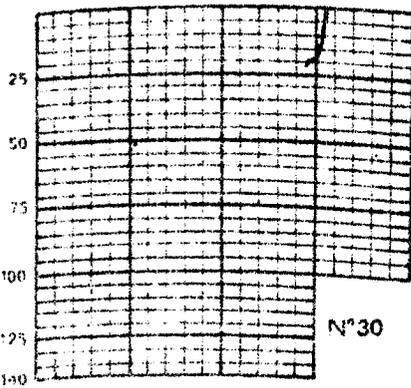
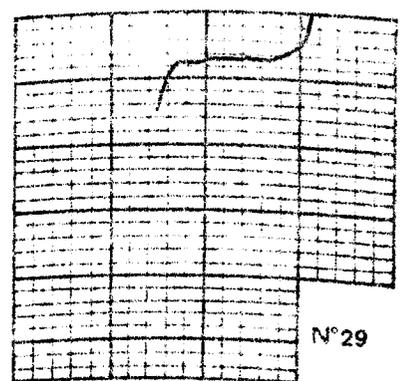
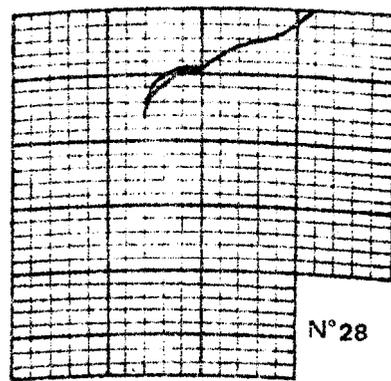
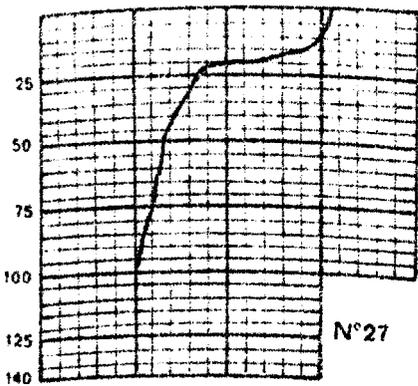
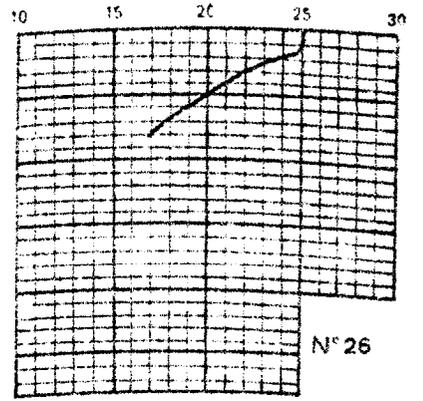
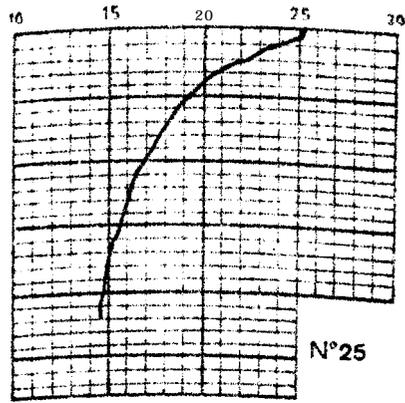
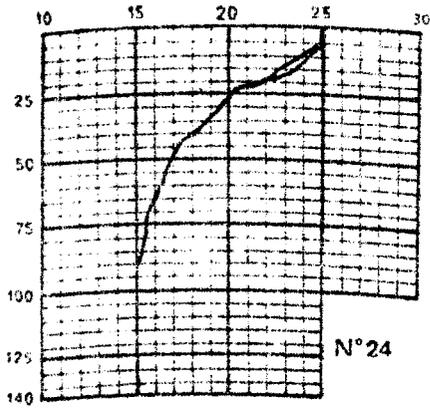
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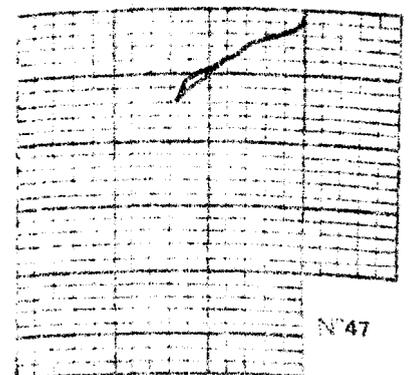
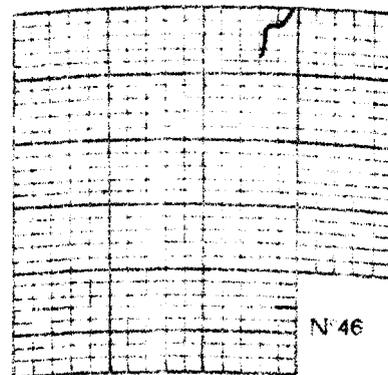
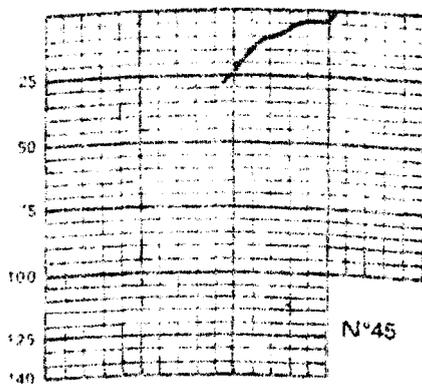
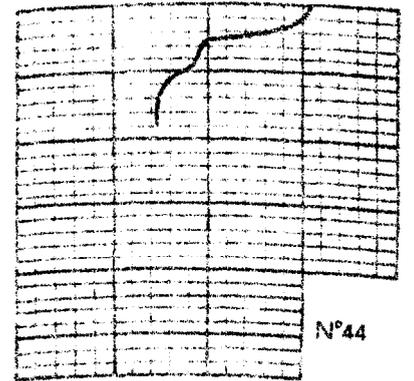
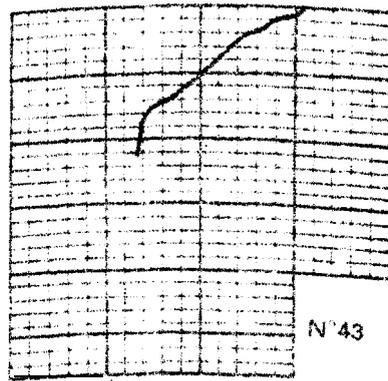
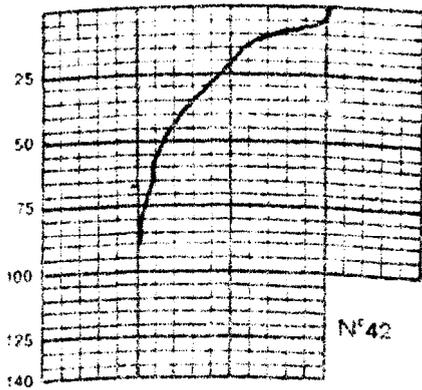
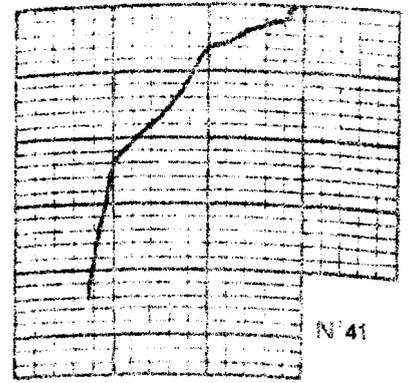
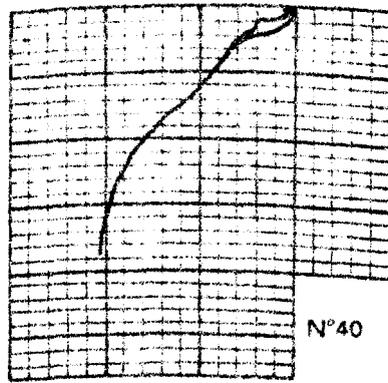
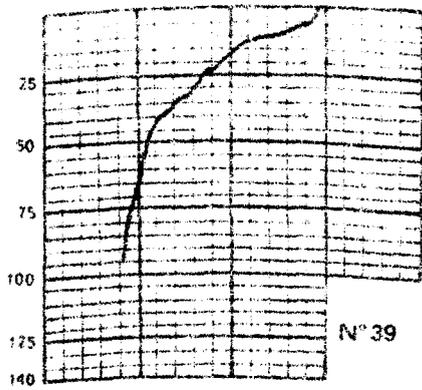
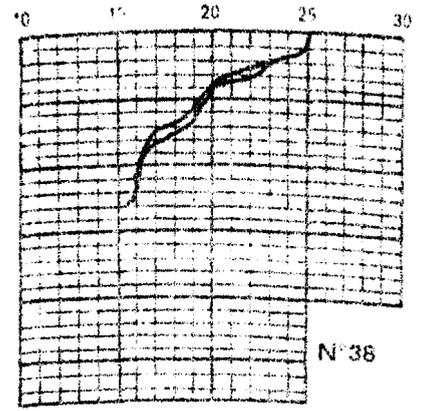
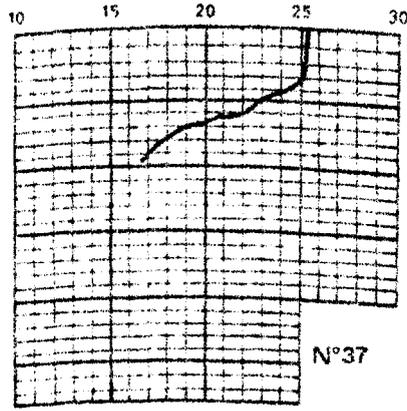
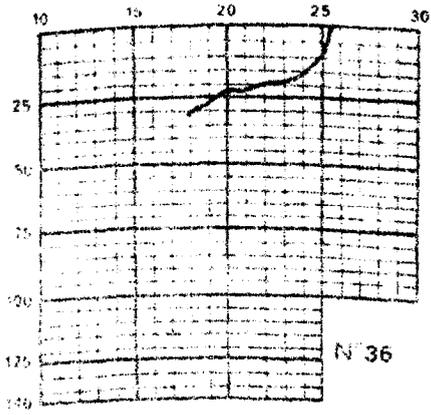
CAMPAGNE 74.01 Bis

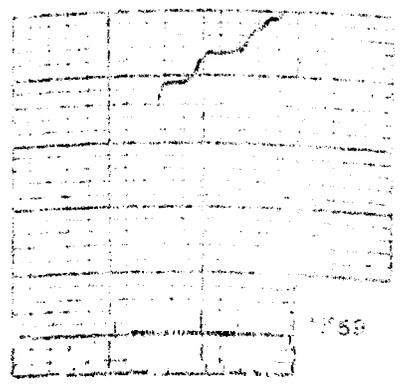
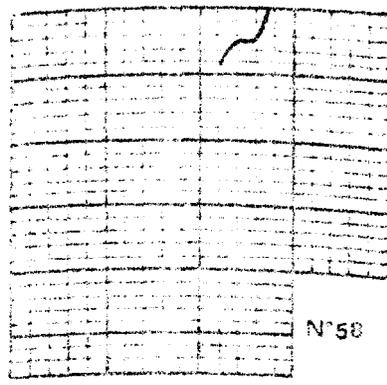
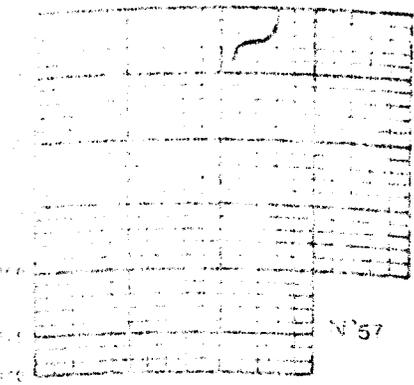
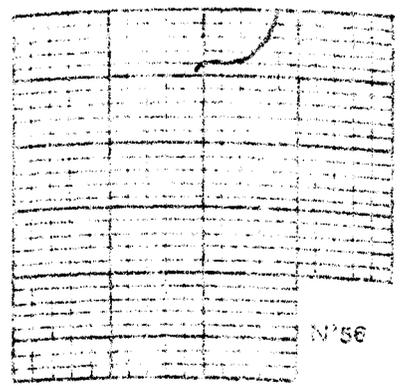
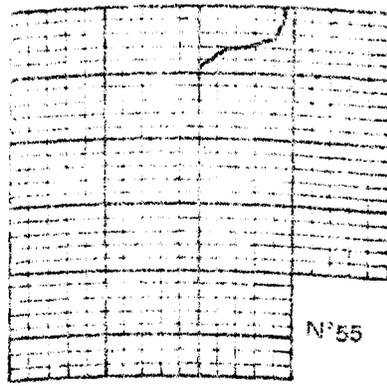
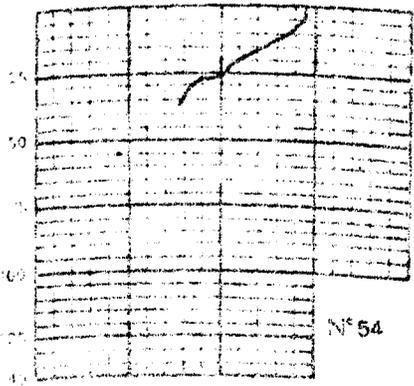
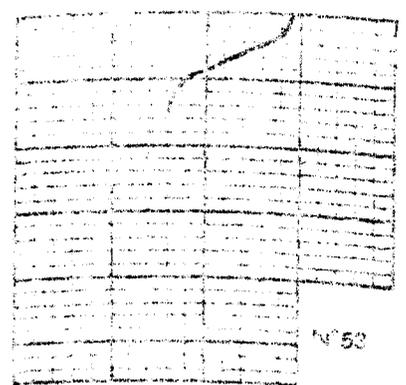
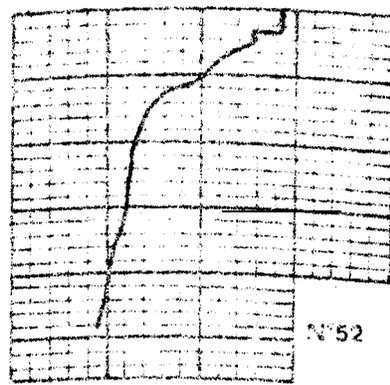
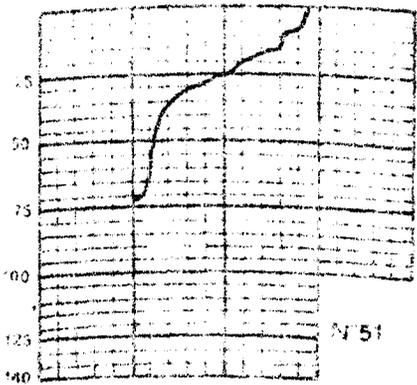
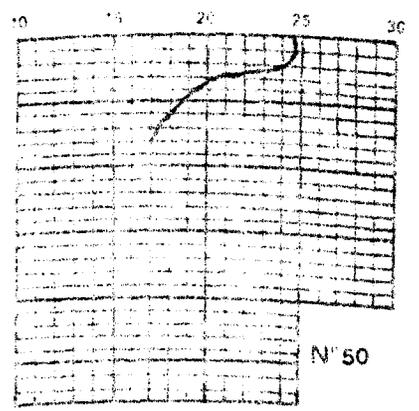
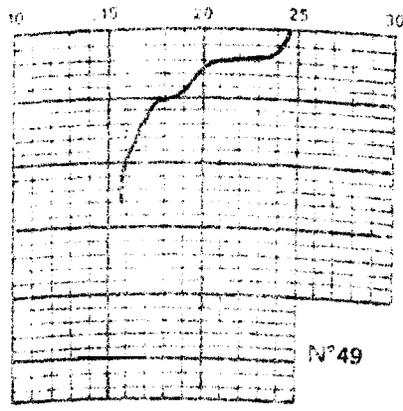
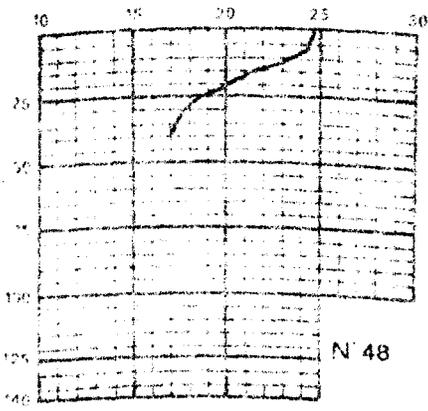
BATHYTHERMOGRAMMES

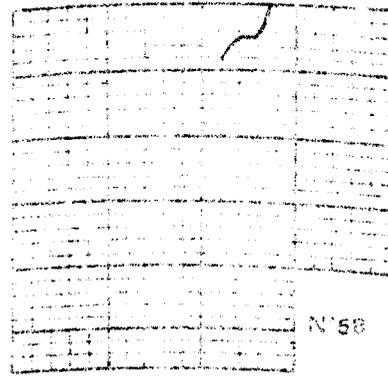
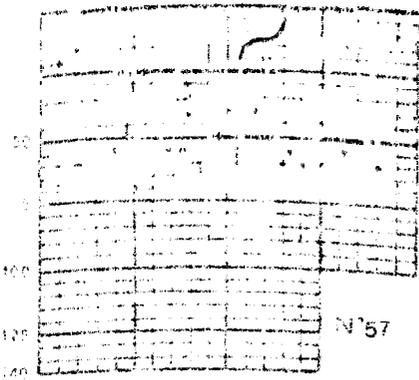
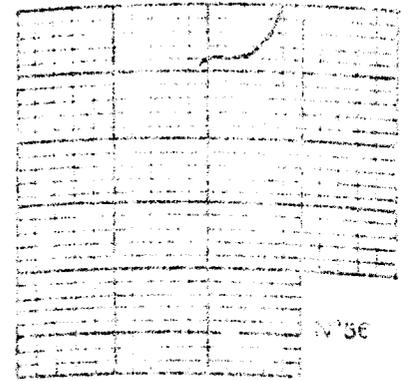
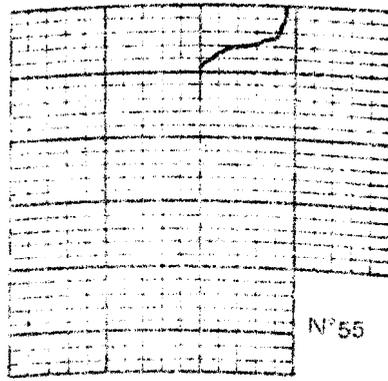
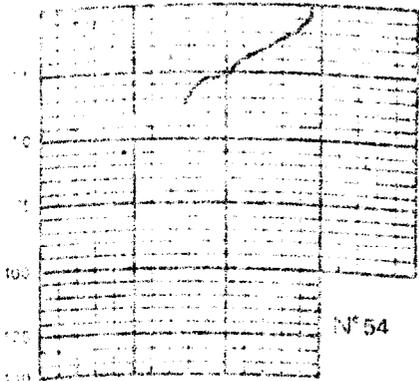
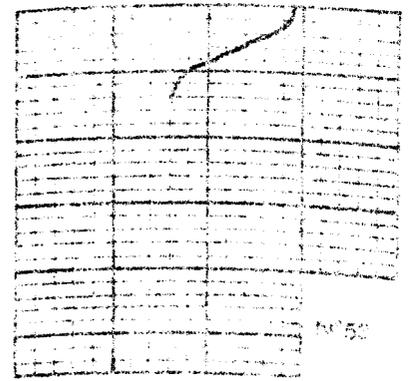
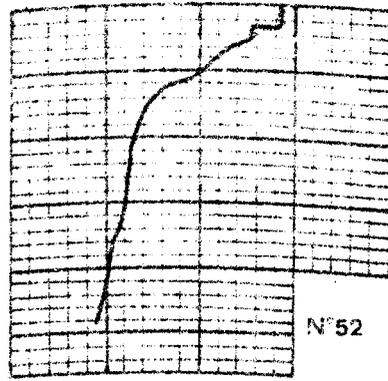
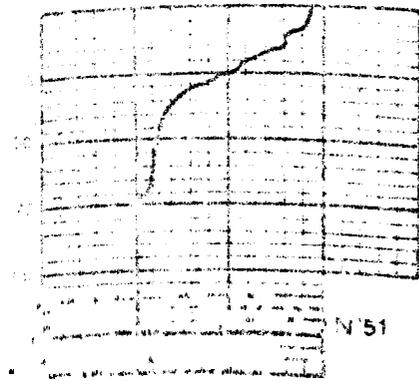
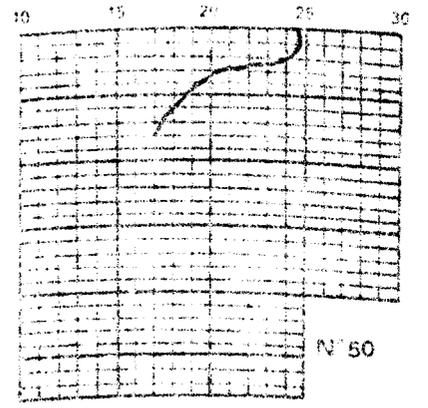
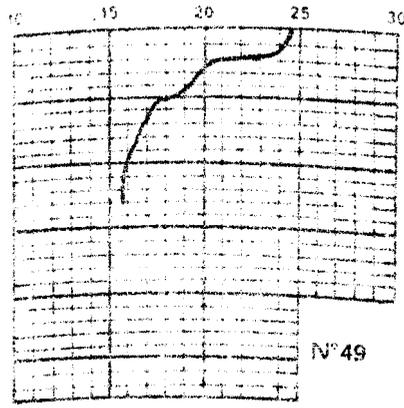
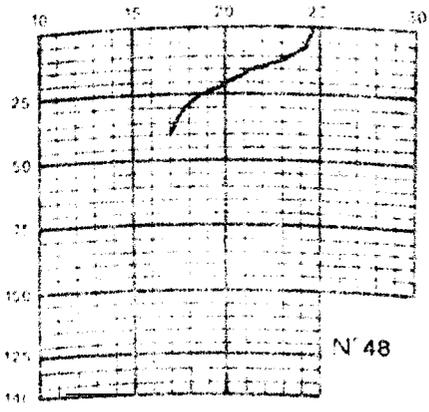
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		LAT.	LONG.	PLAQUE B.T	SURF.	(m)	BATHY.
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30-1-74	00.15	16°36'	16°38'5	243	15°6	49	"
"	00.45	16°36'	16°37'5	244	15°5	29	"
"	03.15	16°49'5	16°34'	245	15°4	6	"
"	03.45	16°50'	16°40'	246	15°8	95	"
"	08.15	16°20'	16°46'	247	15°9	98	"
"	08.45	16°15'5	16°4'	248	16°5	100	"

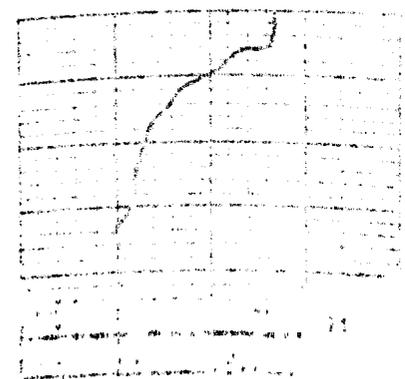
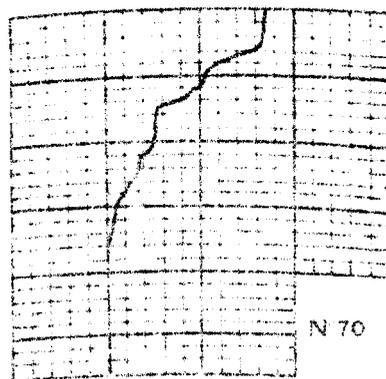
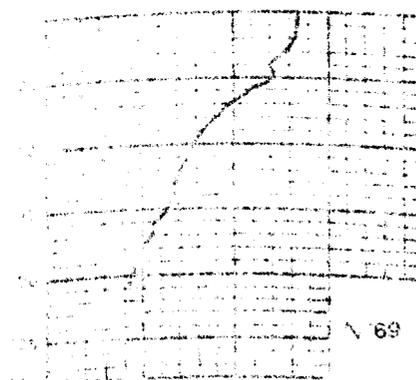
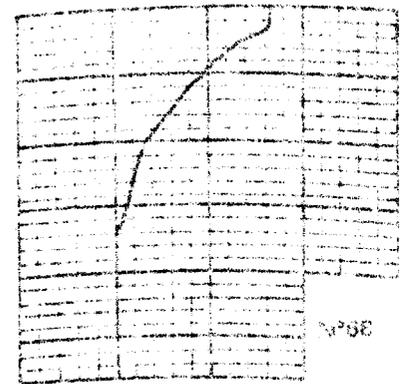
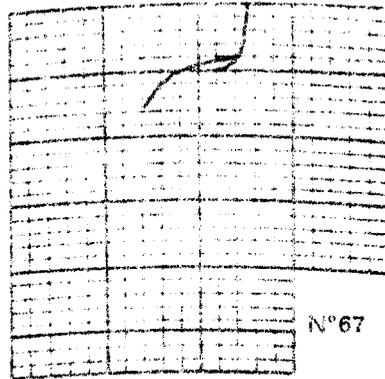
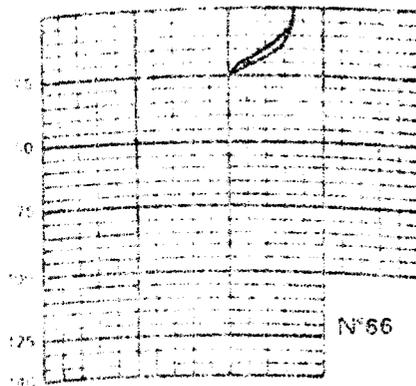
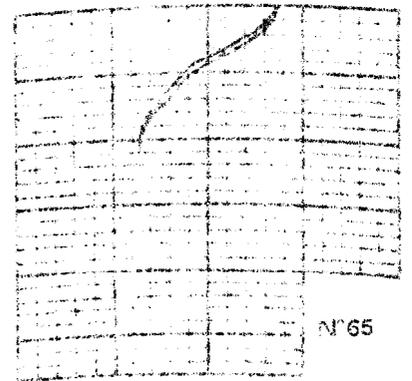
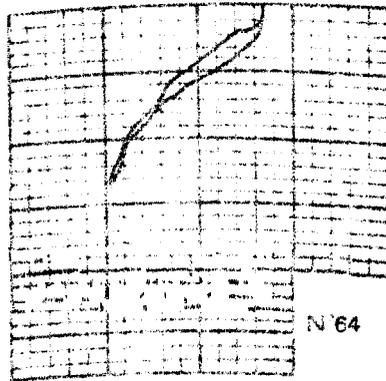
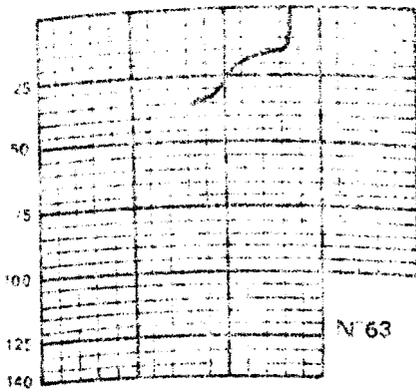
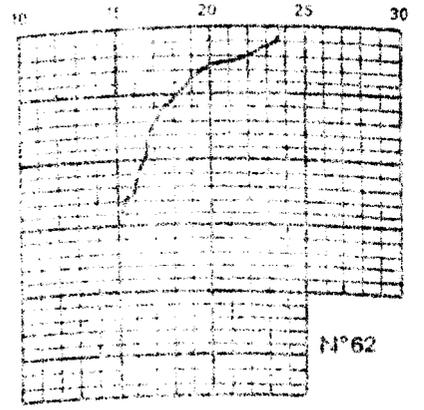
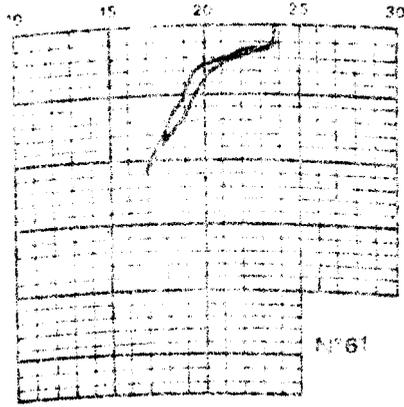
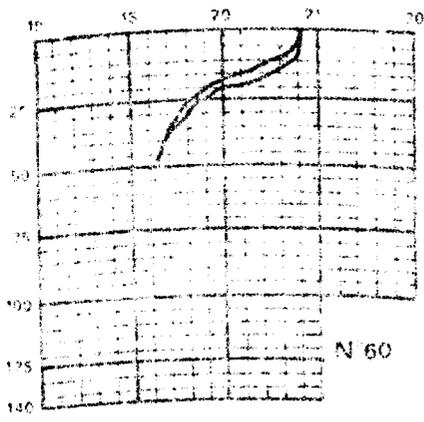


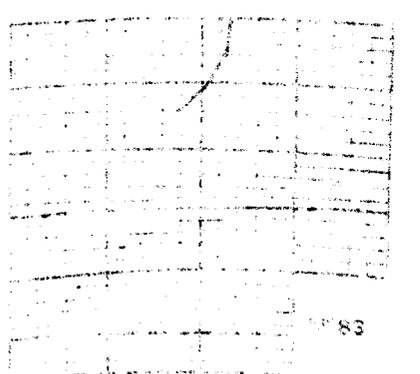
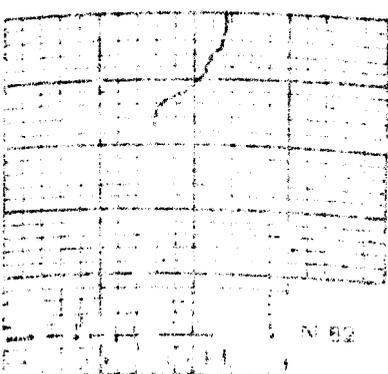
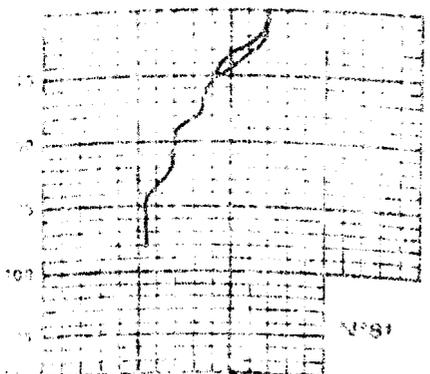
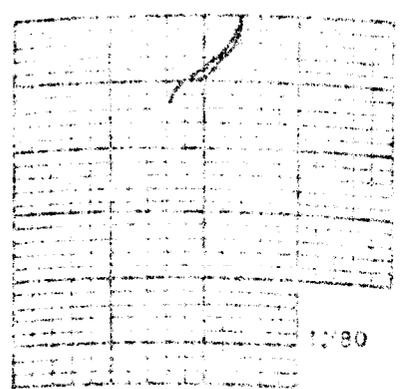
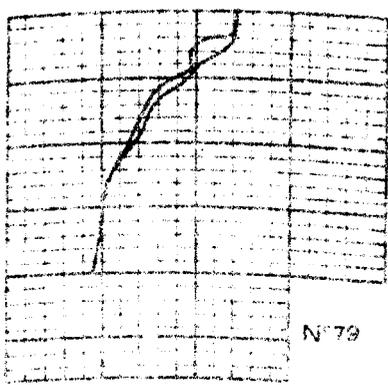
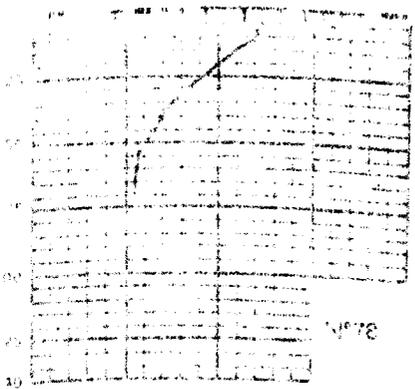
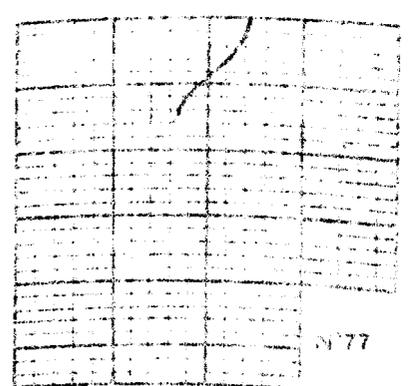
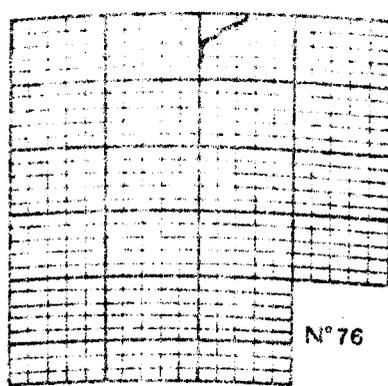
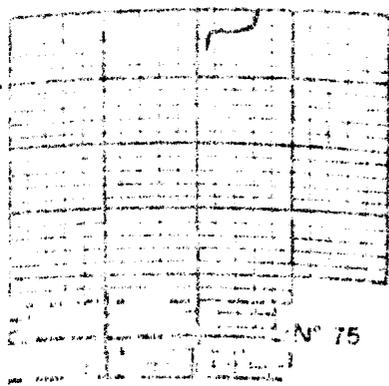
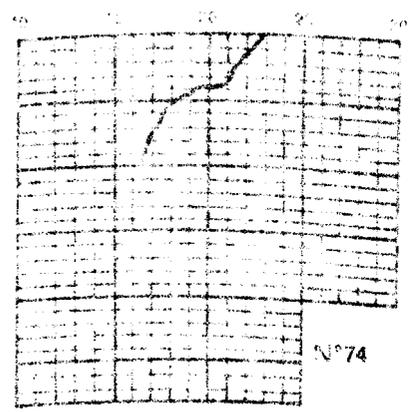
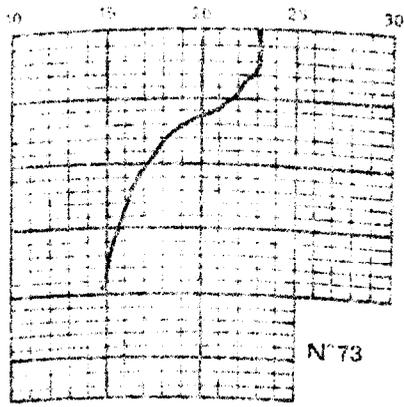
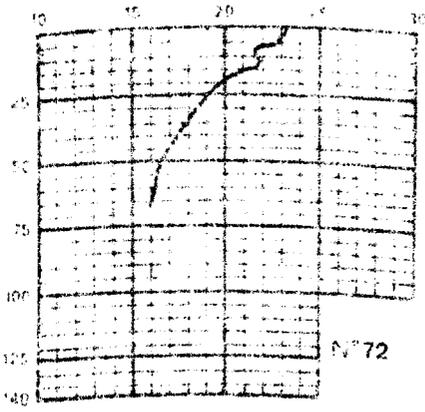


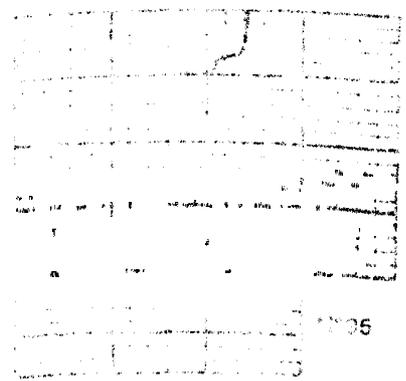
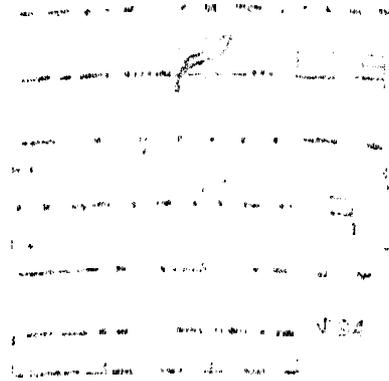
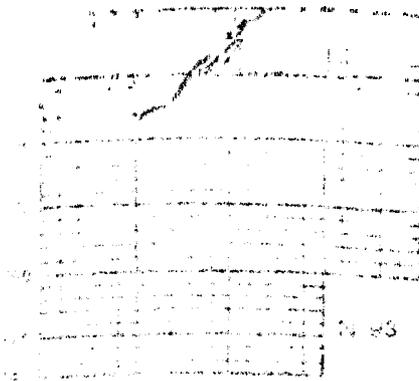
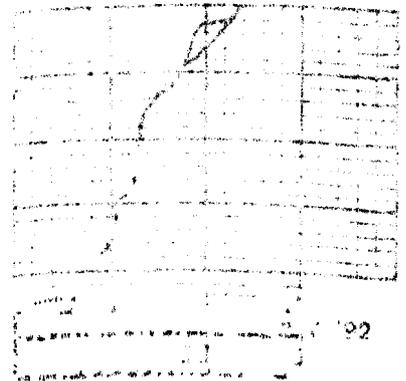
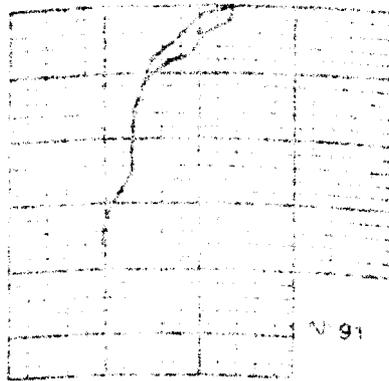
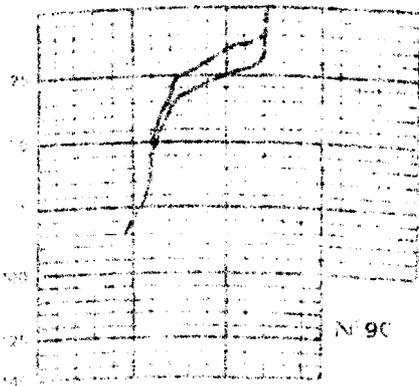
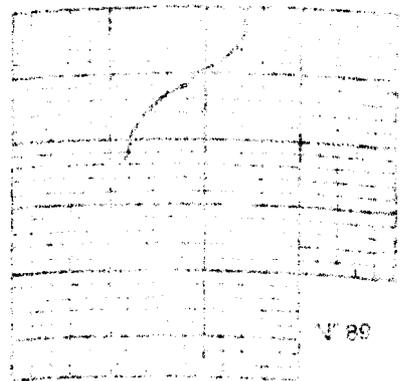
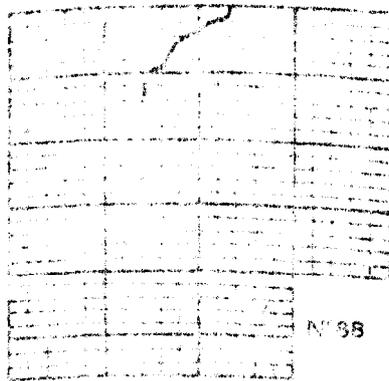
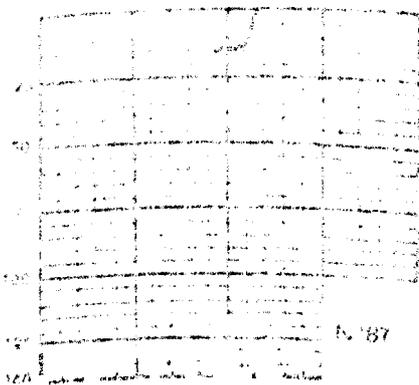
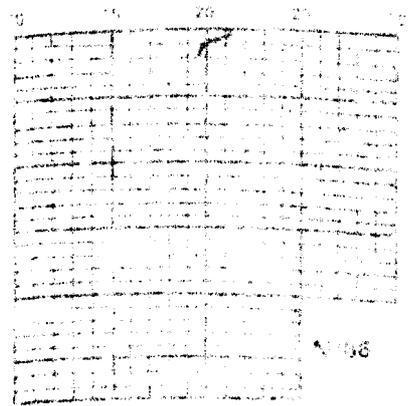
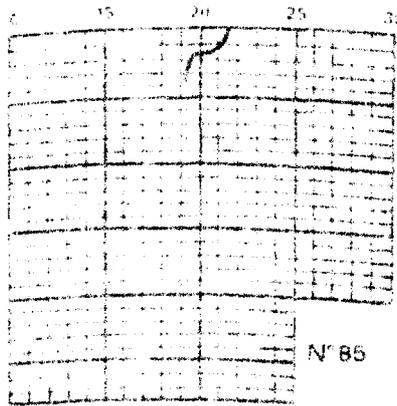
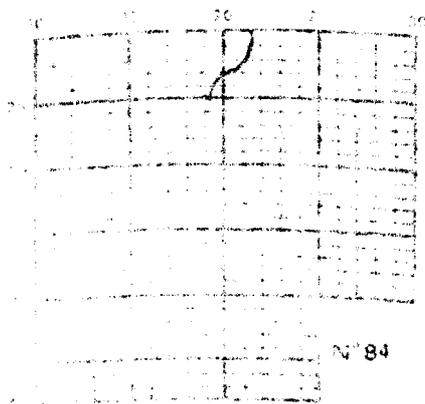


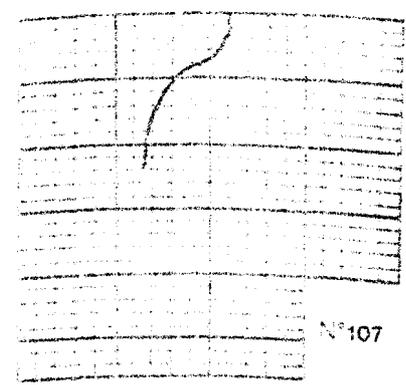
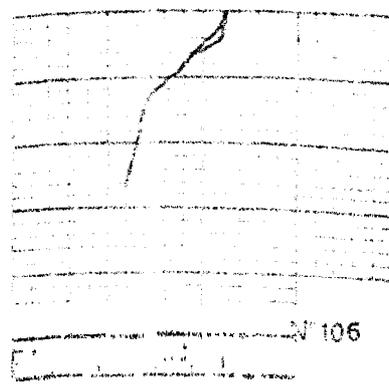
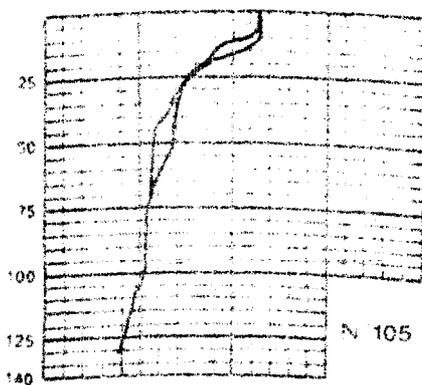
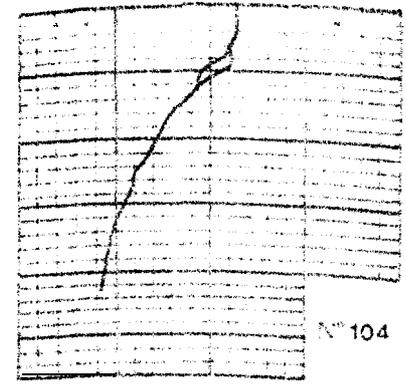
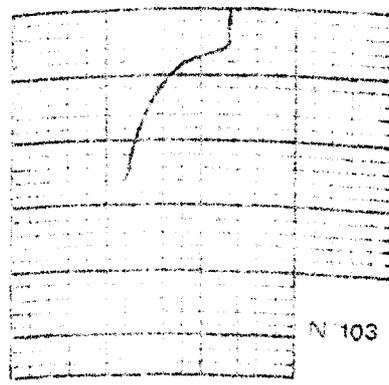
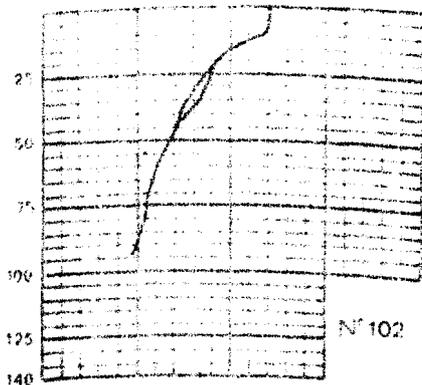
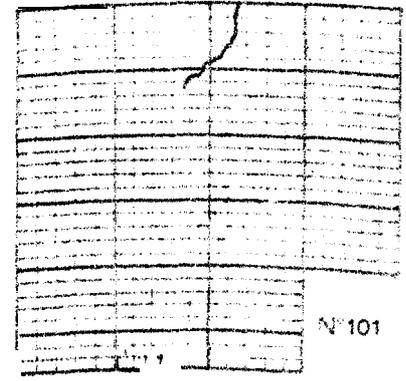
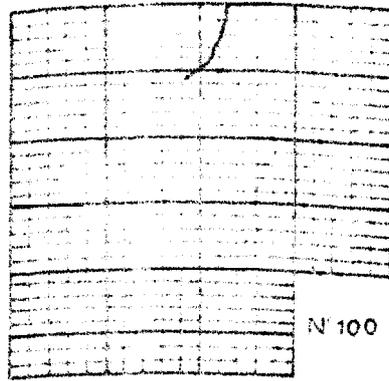
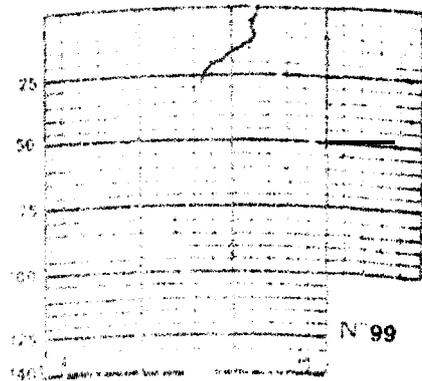
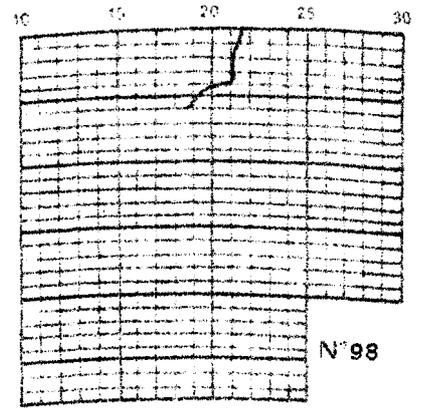
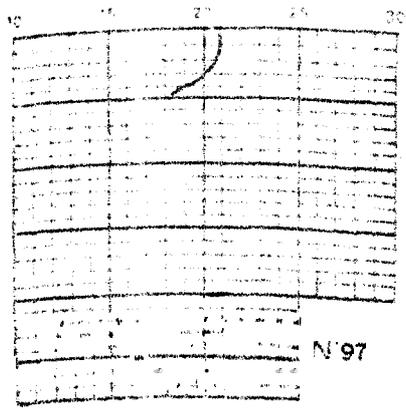
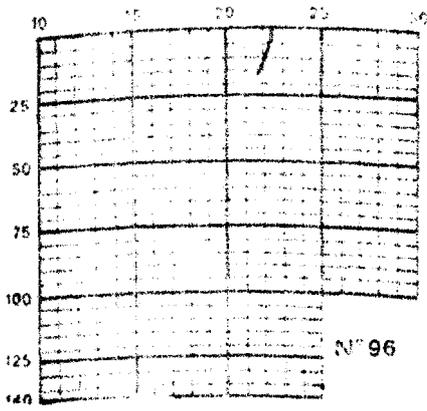






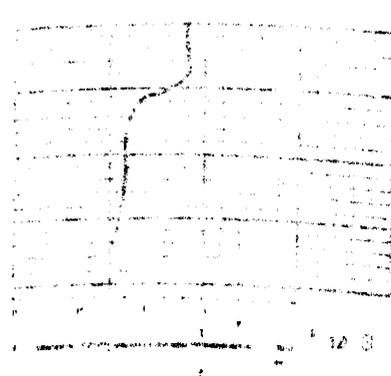
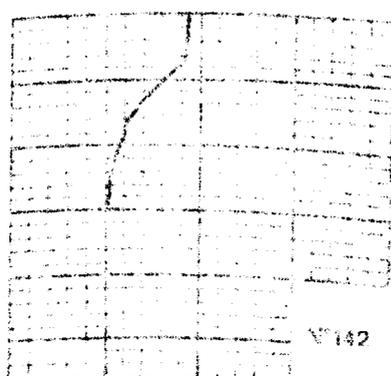
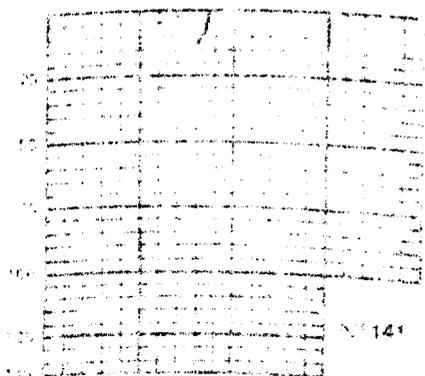
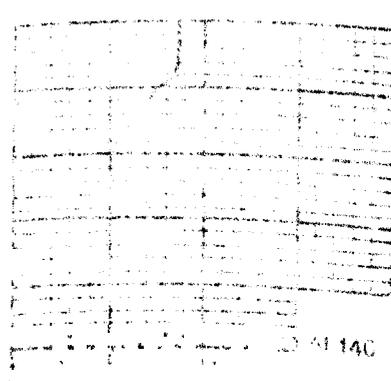
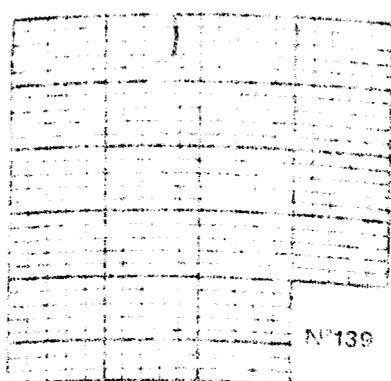
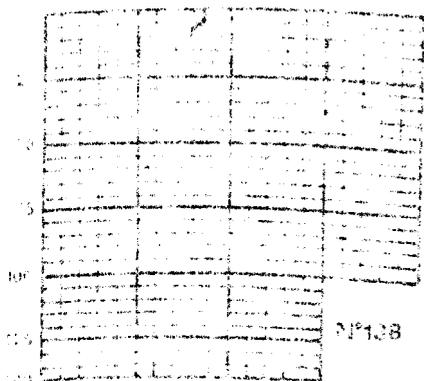
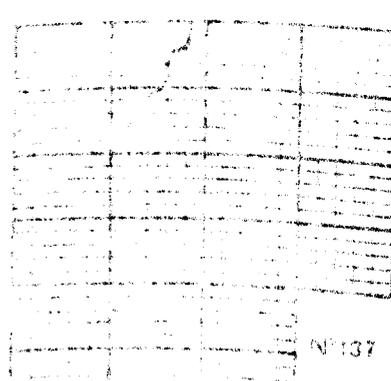
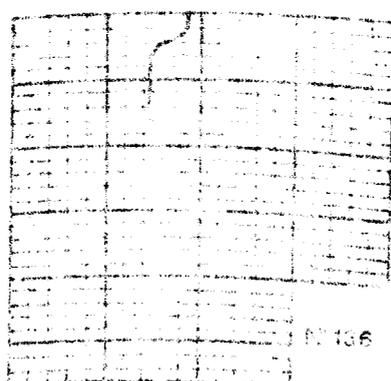
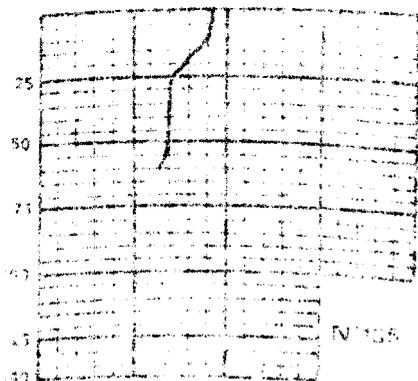
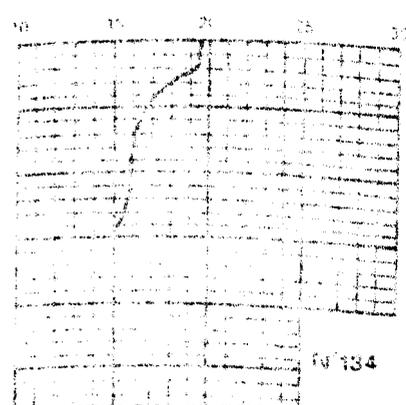
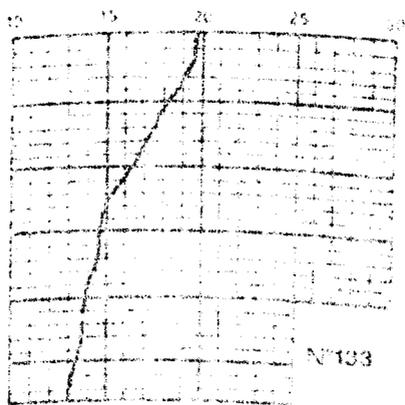
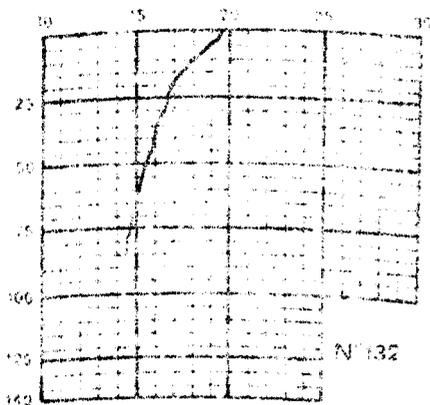




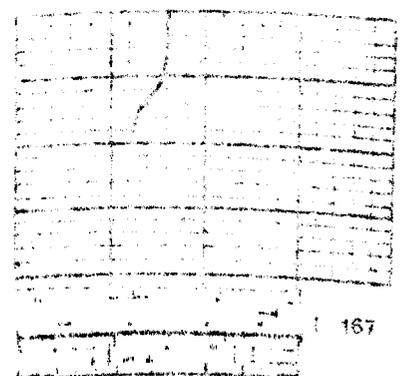
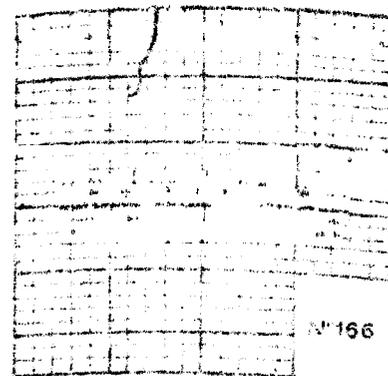
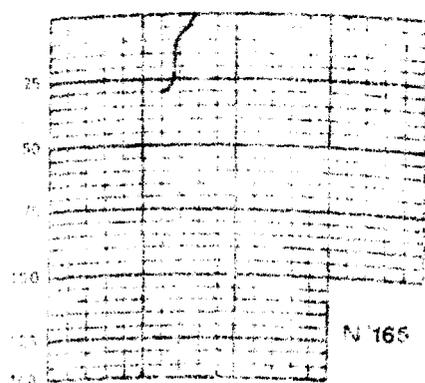
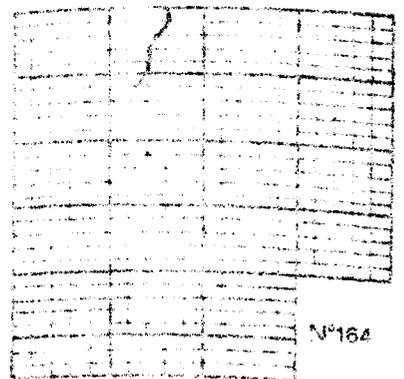
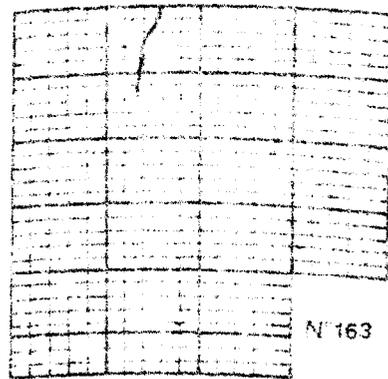
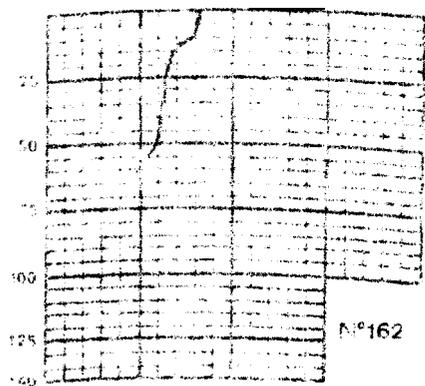
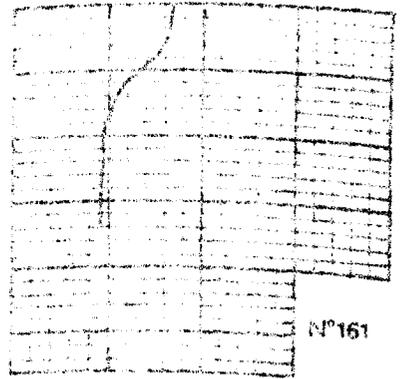
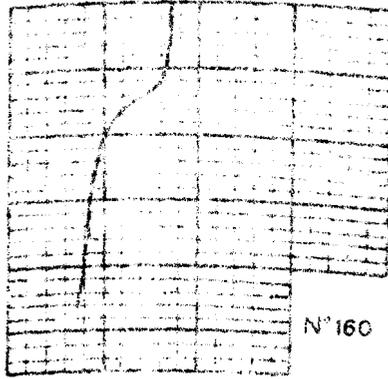
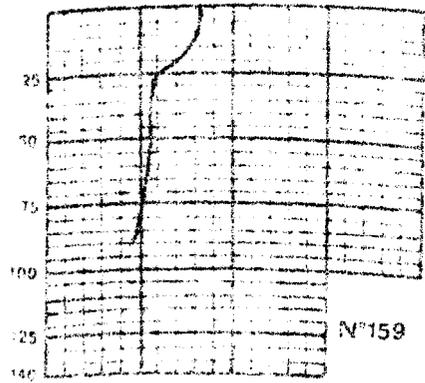
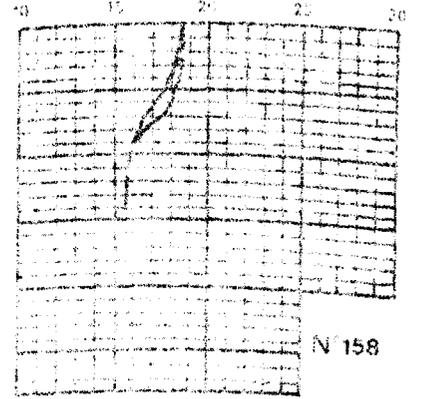
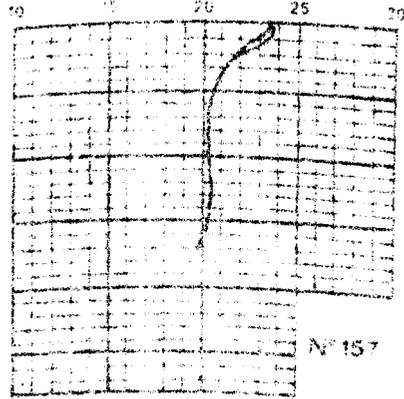
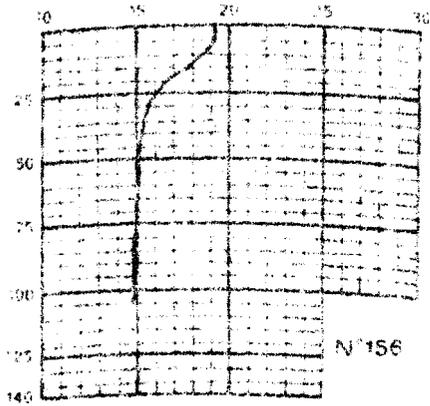


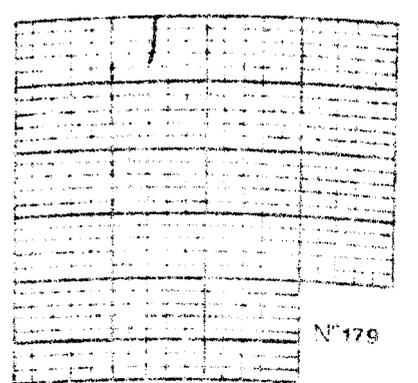
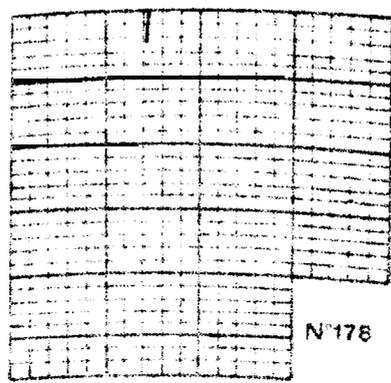
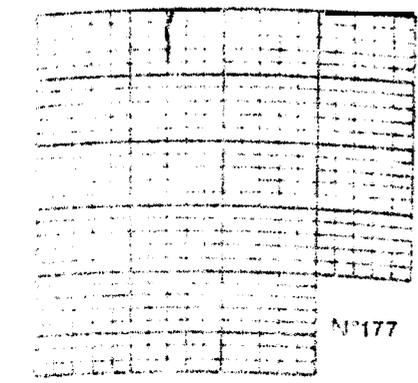
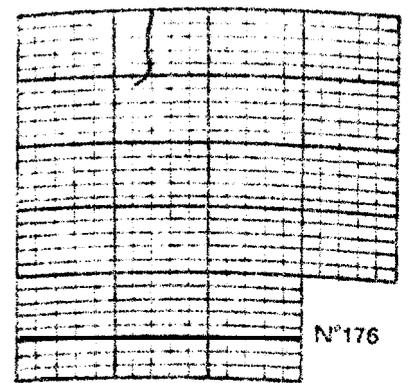
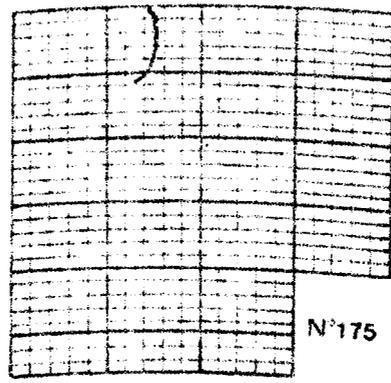
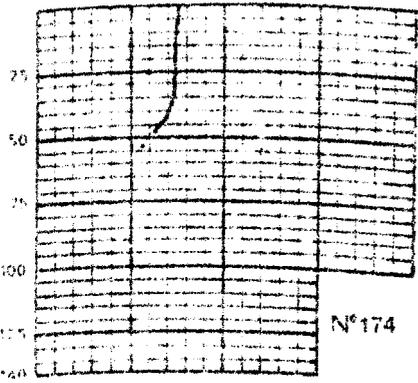
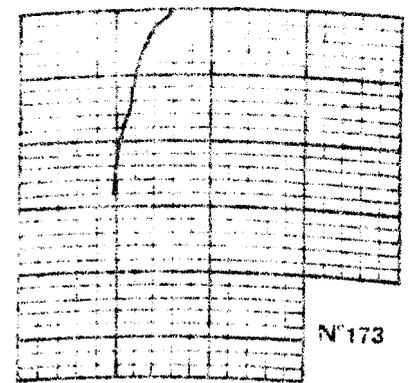
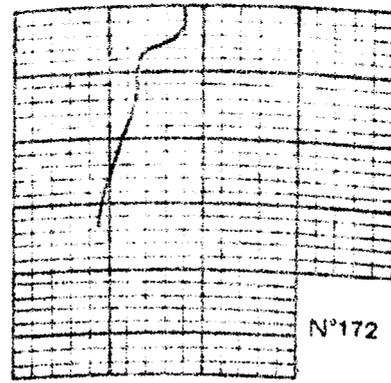
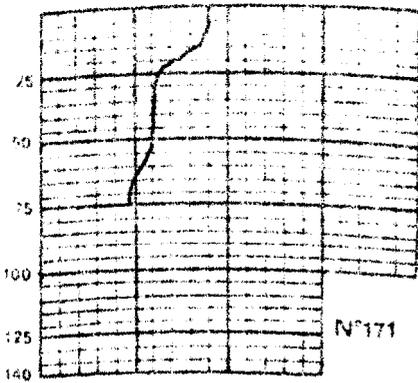
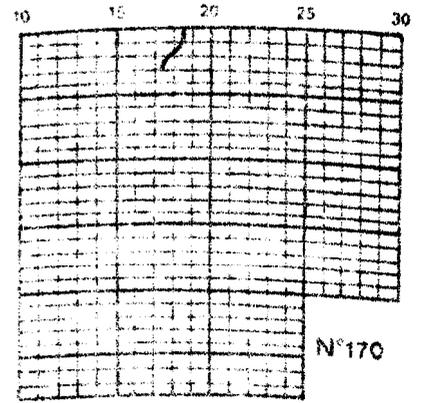
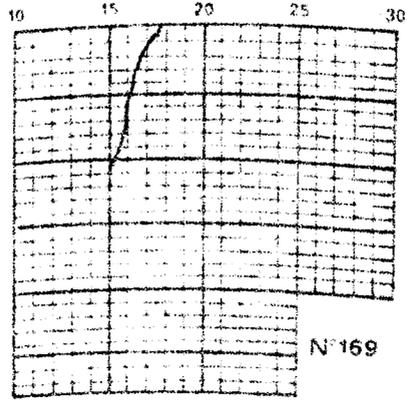
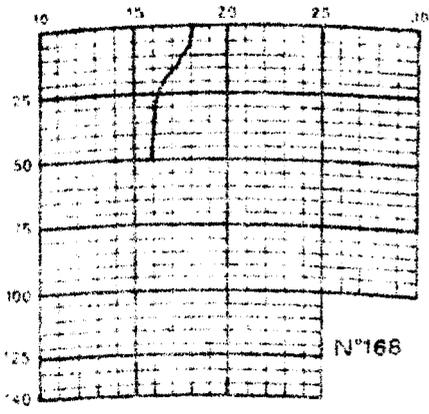


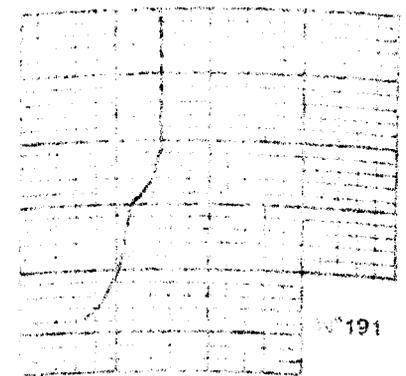
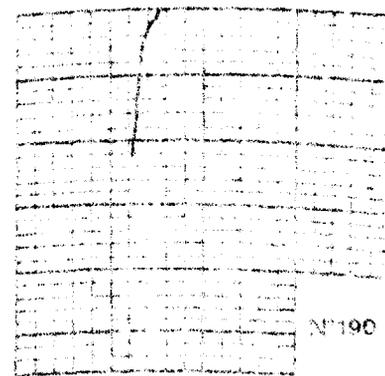
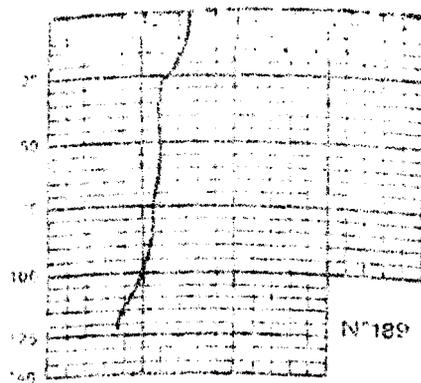
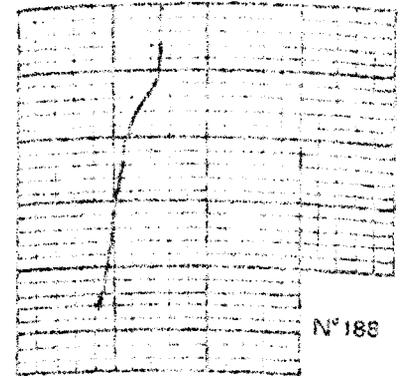
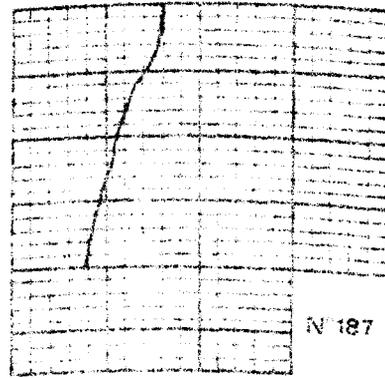
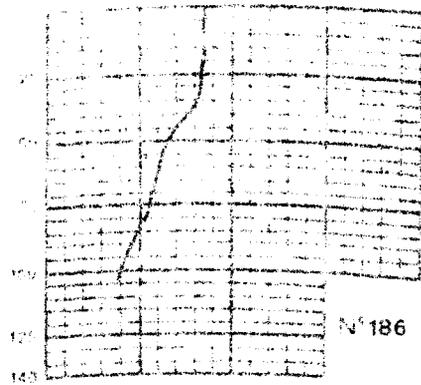
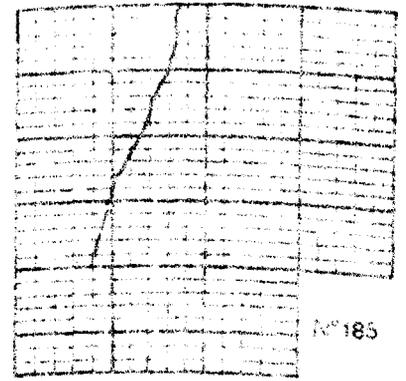
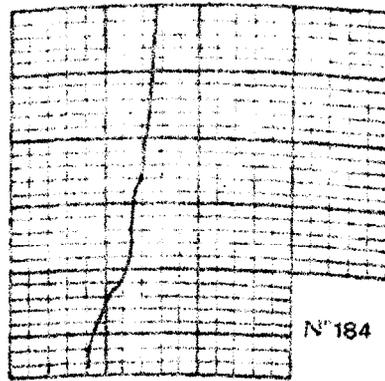
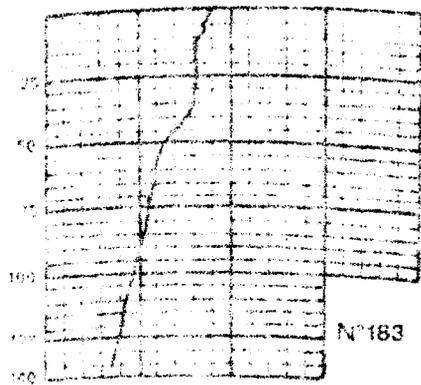
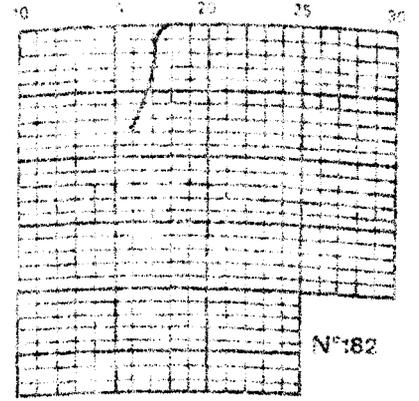
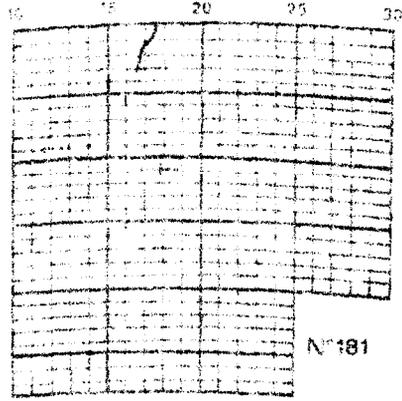
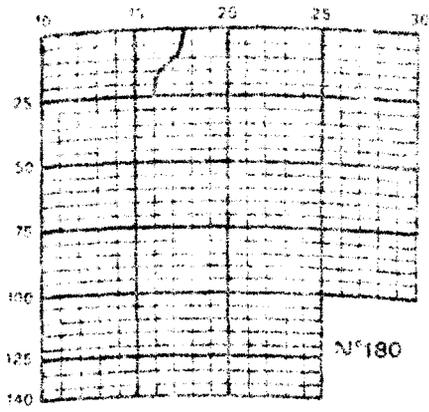


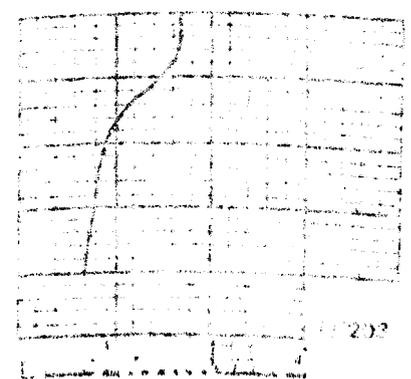
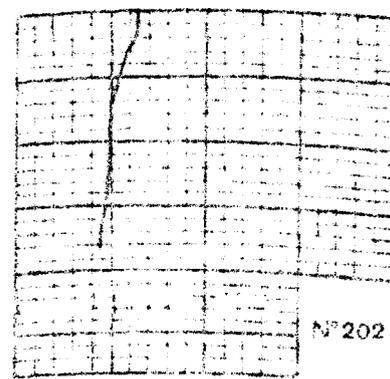
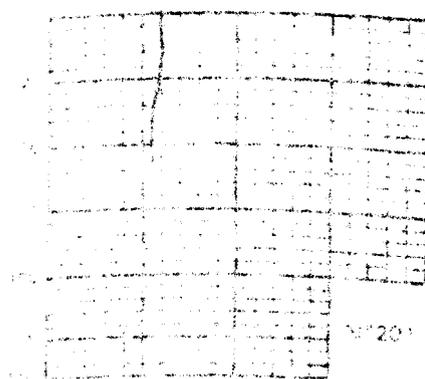
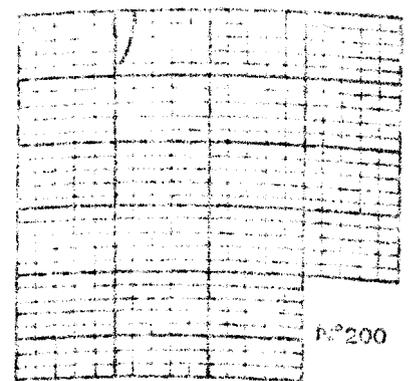
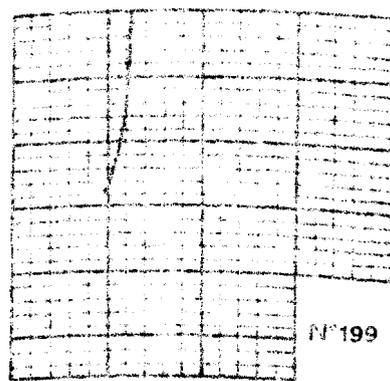
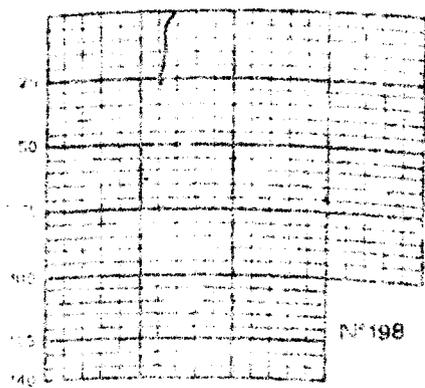
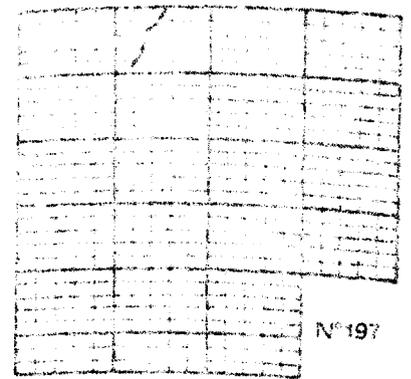
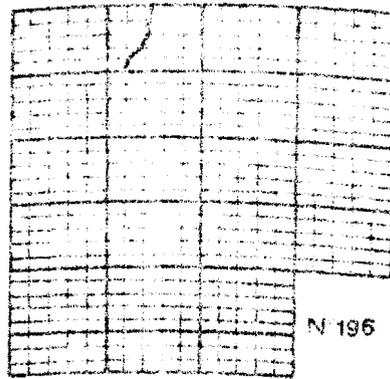
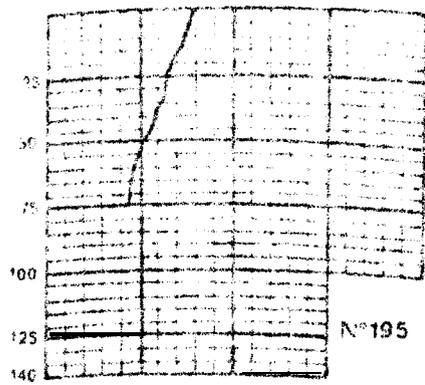
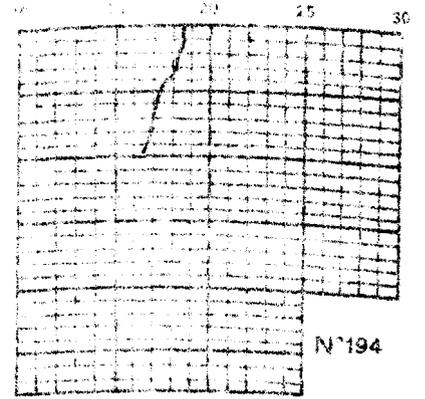
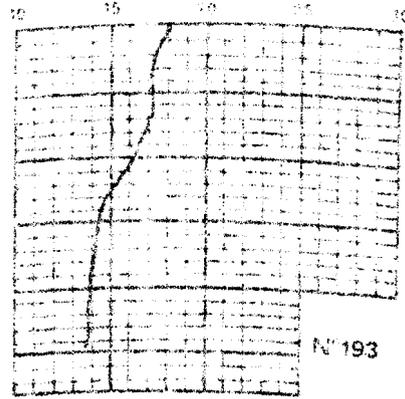
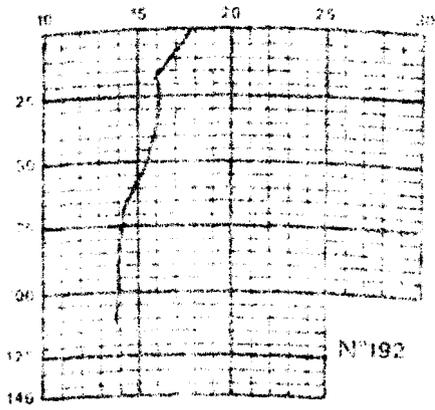


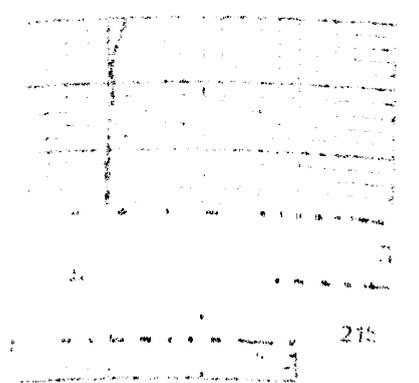
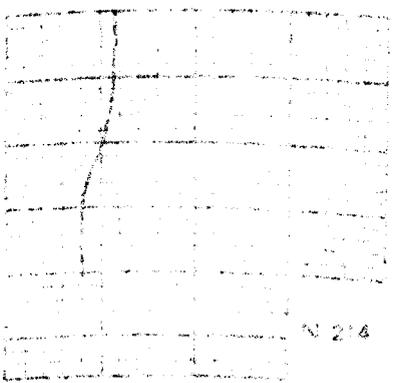
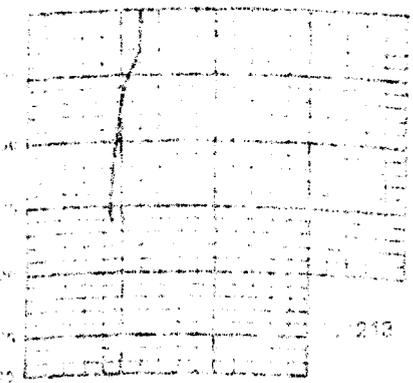
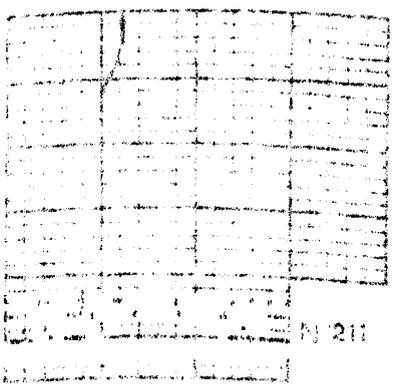
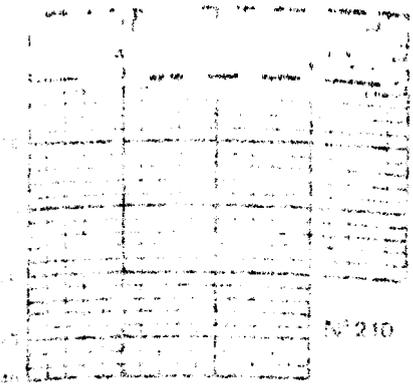
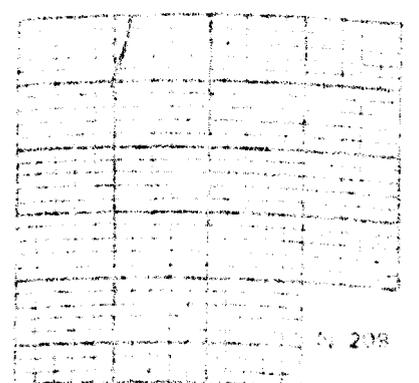
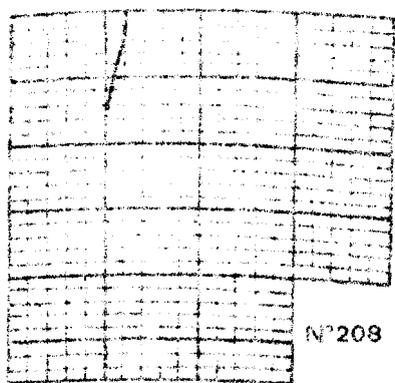
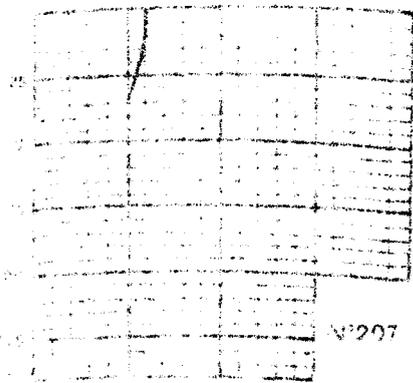
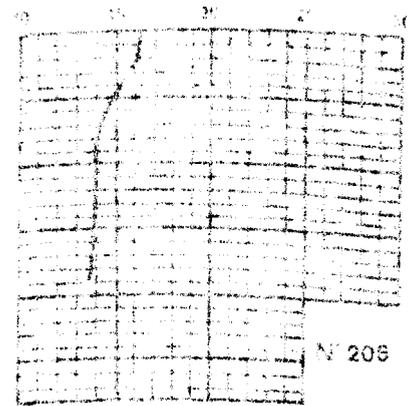
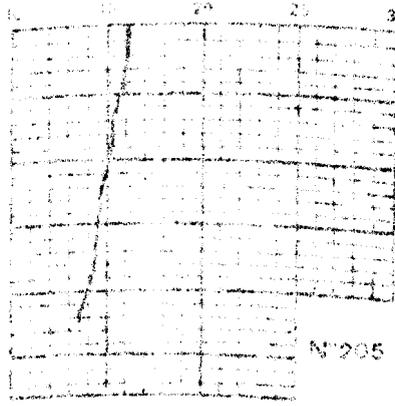
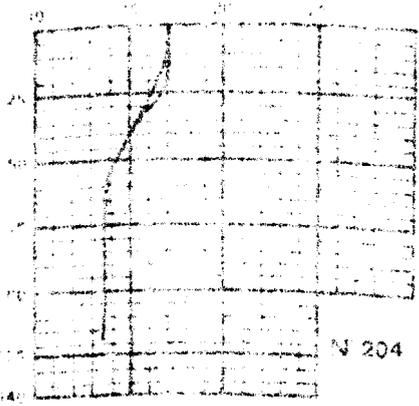




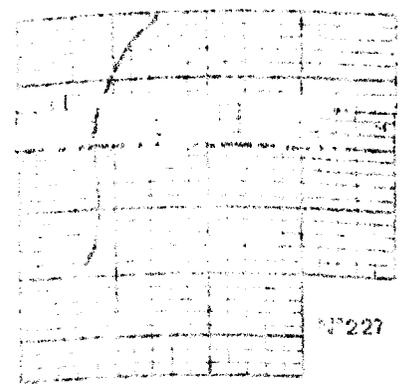
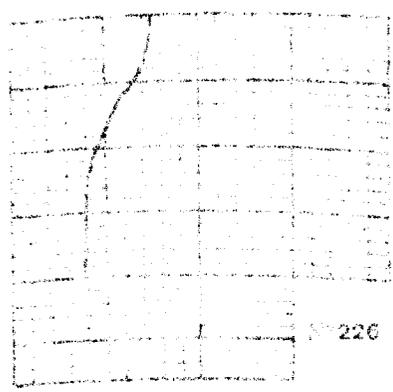
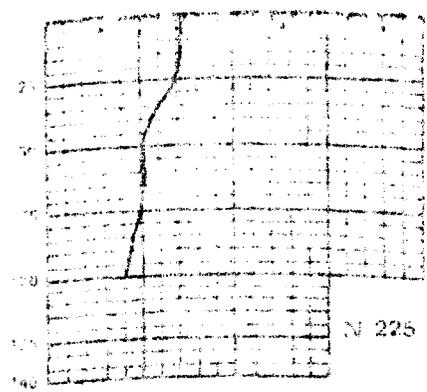
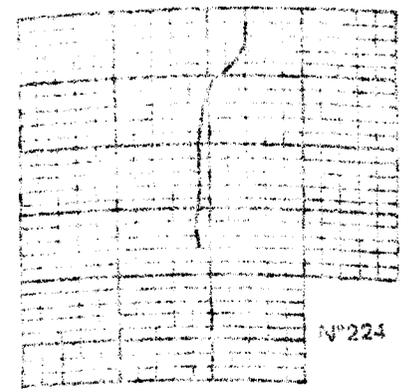
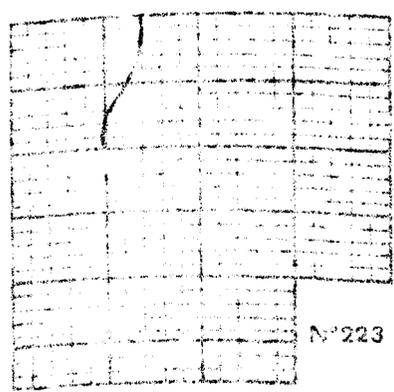
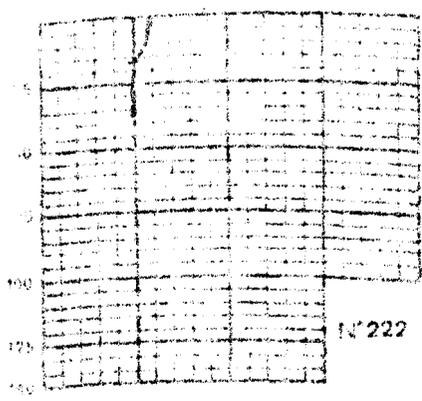
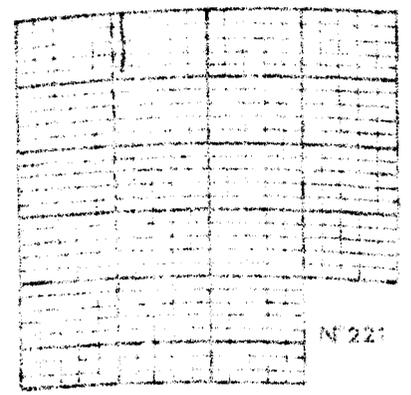
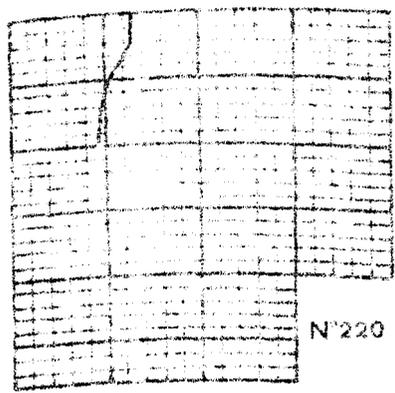
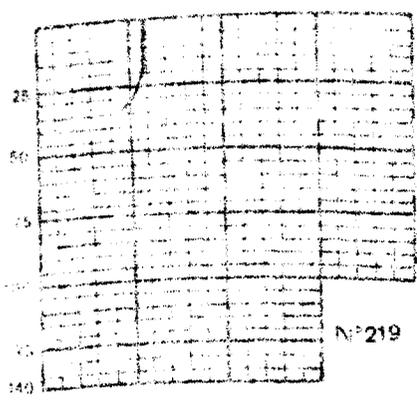
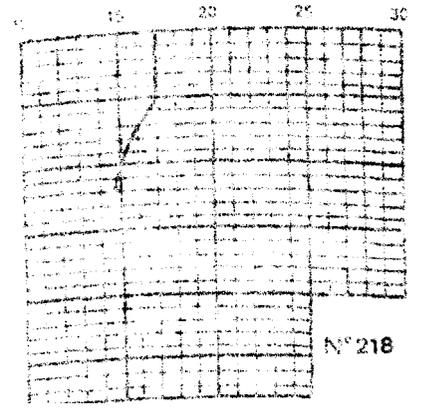
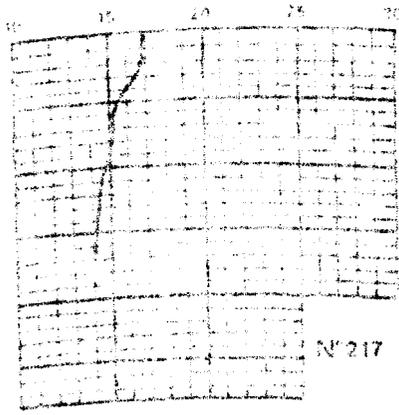
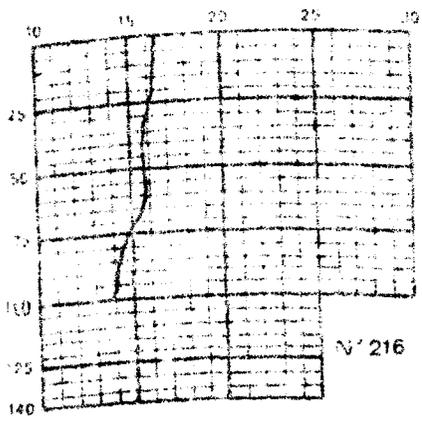






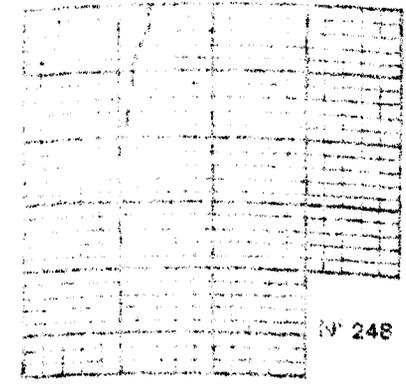
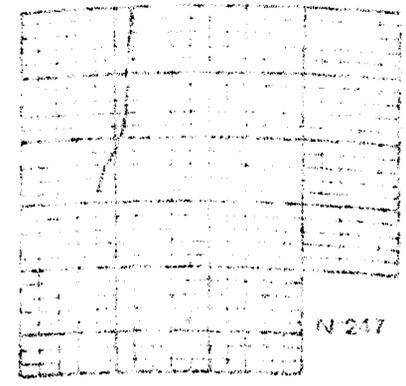
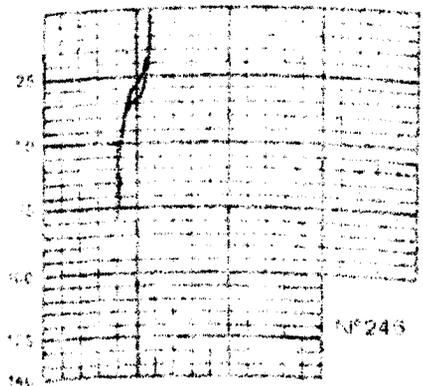
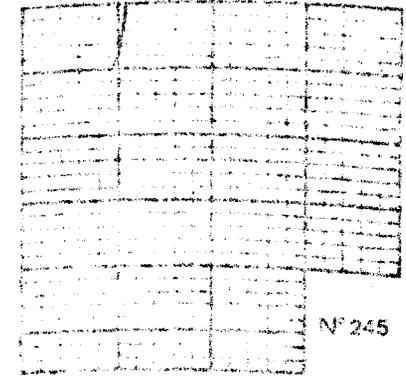
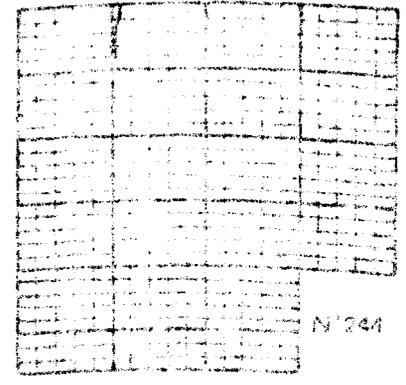
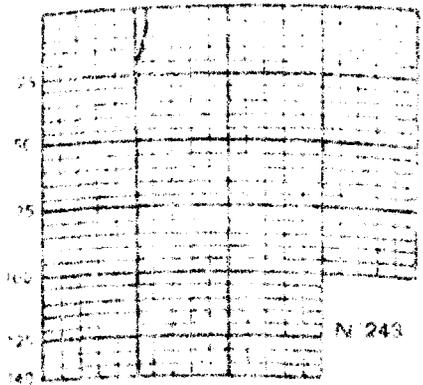
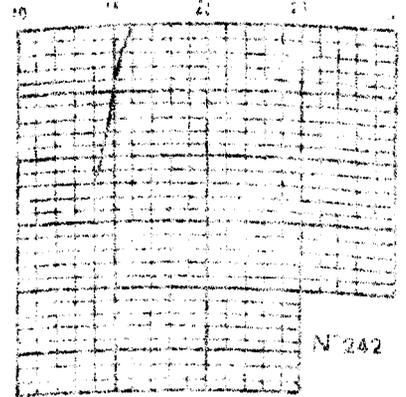
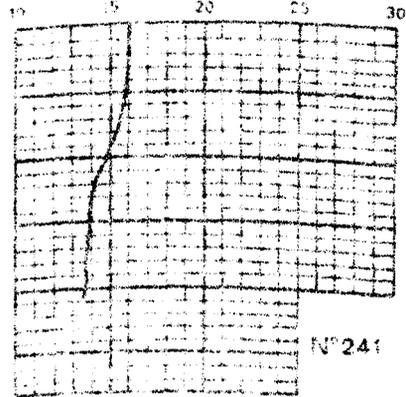
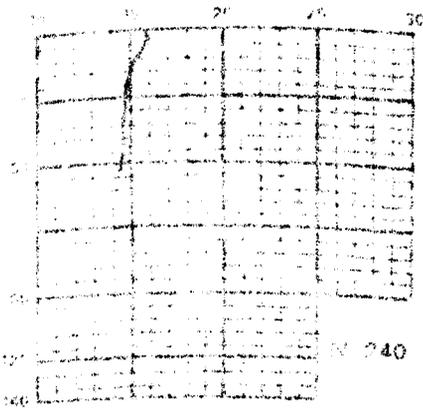


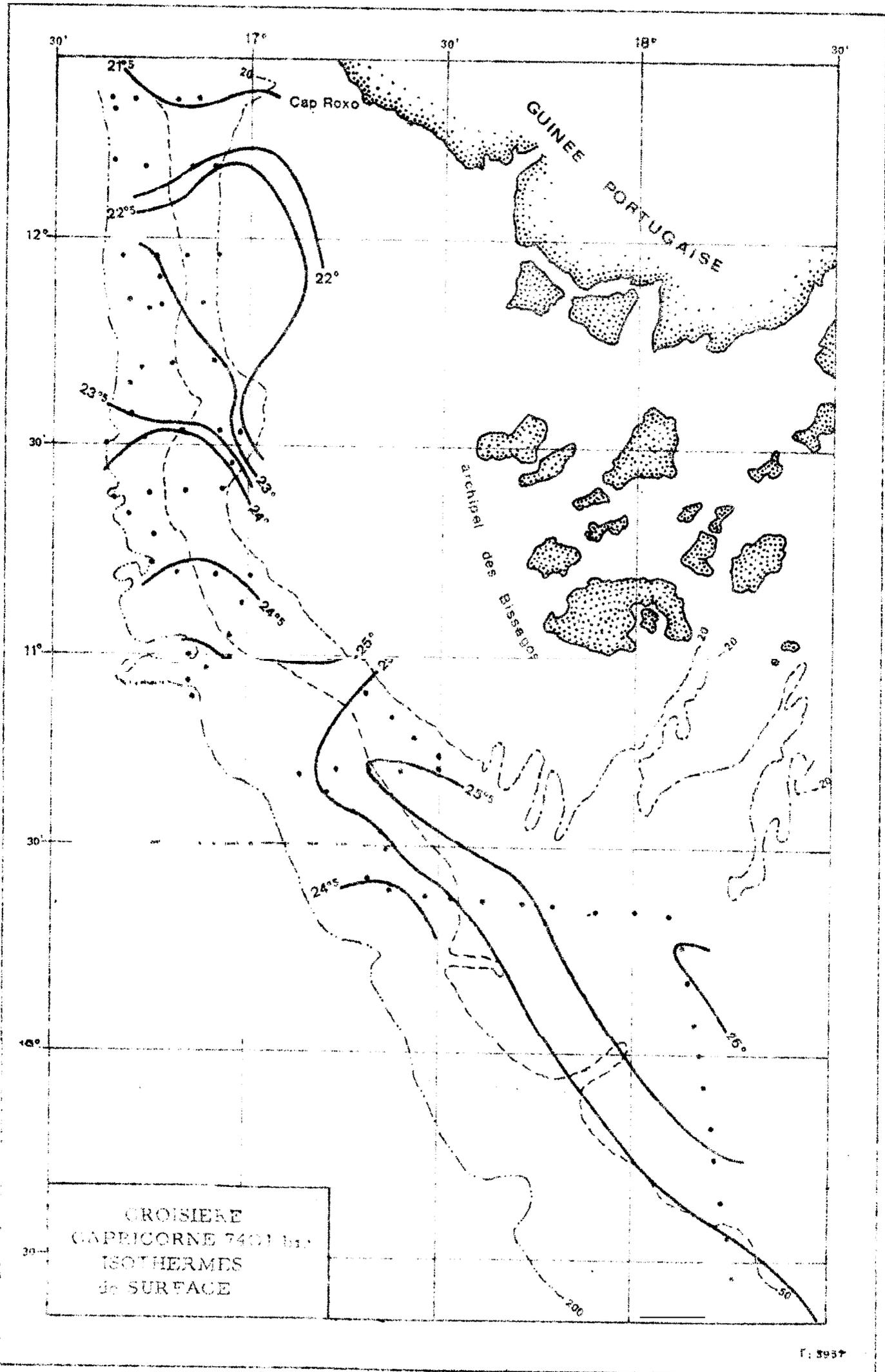
RR 11011





RR 1101





CROISIERE  
 CAPRICORNE 7401 1957  
 ISOTHERMES  
 36 SURFACE





"CAPRI CORNE"

CAMPAGNE 74.01 Bis

METEOROLOGIE

N°	T° AIR	HUM.	DIR	VENT	N°	T° AIR	HUM.	DIR	VENT
St	SEC.			v m/s	St	SEC.			V m/s
1	25.5	24.3	315	2.5	33	25.8	21.6	0	4
2	25.5	24.1	325	3.0	34	25.6	21.8	30	2
3	25.5	23.7	345	5.0	35	25.8	22.1	15	2.5
	26.0	23.4	350	4.0	36	25.7	21.8	345	4.5
	26.1	23.3	350	4.0	37	25.5	21.8	350	4.0
6	26.5	22.7	330	2.5	38	25.5	22.0	340	3.5
	26.5	23.5	325	4.5	39	25.4	22.1	0	5.0
8	26.5	23.0	340	.	40	25.2	22.2	0	4.0
9	26.5	21.8	350	.	41	25.2	22.2	335	4.0
10	26.5	21.7	350	.	42	25.4	22.6	355	4.0
11	26.7	21.3	30	7.5	43	25.3	22.7	30	5.0
12	26.2	20.1	30	9.0	44	25.3	22.3	330	6.0
13	26.1	20.0	30	.	45	25.2	22.0	325	6.0
14	26.1	20.2	40	9.0	46	25.2	21.2	335	7.0
15	26.3	20.0	45	10.5	47	25.0	21.0	340	6.5
16	26.5	20.4	50	8.5	48	24.5	21.5	330	6.5
17	26.3	20.3	50	8.5	49	24.5	21.3	340	7.0
18	26.2	20.3	45	8.5	50	24.5	21.2	C	.
19	26.1	21.1	35	.	51	24.5	21.1	15	4.5
20	25.9	20.4	30	6.0	52	25.1	20.4	30	5.5
21	25.9	20.2	40	8.5	53	25.3	19.9	30	7.0
22	25.5	20.5	55	.	54	25.0	20.1	40	6.5
23	25.5	20.5	55	5	55	25.1	19.4	45	8.0
24	25.7	20.7	30	4.5	56	25.0	19.6	55	8.0
25	25.5	20.5	25	6.0	57	24.6	19.4	45	7.0
26	25.7	21.3	20	5.5	58	24.5	19.1	50	7.5
27	25.7	21.3	25	5.0	59	25.1	19.4	55	9.5
28	26.0	22.0	20	4.5	60	25.2	18.8	55	11.5
29	26.4	21.2	30	3.5	61	25.0	18.0	55	11.5
30	26.5	21.0	60	2.5	62	24.6	18.6	50	9.0
31	25.9	22.1	15	3.5	63	24.5	18.1	60	10.5
32	26.5	21.4	35	3.0	64	24.4	18.0	60	9.5

" CAPRICORNE"  
 CAMPAGNE 74.01 Bis  
 METEOROLOGIE

N°					N°				
T° AIR		VENT			T° AIR		VENT		
St.	SEC	HUM.	DIR.	V m/s	St.	SEC	HUM.	DIR.	V m/s
65	24.5	18.5	55	.5	97	22.6	19.5	350	5.5
66	24.3	18.6	55	.5	98	22.6	19.6	355	8.5
67	25.2	20.8	65	4.0	99	22.5	19.6	345	9.0
68	25.3	20.9	45	.5	100	22.4	19.8	355	9.0
69	25.5	20.9	30	3.0	101	22.4	19.8	355	7.0
70	24.7	20.9	10	3.5	102	22.4	19.8	5	6.5
71	24.6	21.2	355	.5	103	22.2	19.7	5	7.0
72	24.2	21.4	335	4.5	104	22.3	19.5	15	7.0
3	24.1	21.2	340	4.0	105	22.3	19.0	5	8.5
4	24.0	21.6	340	4.5	106	22.4	18.7	20	7.5
75	24.0	22.0	335	3.5	107	22.5	17.5	30	8.5
76	23.9	21.0	340	4.0	108	22.4	17.2	40	9.0
77	23.2	21.0	345	4.0	109	22.3	17.0	45	8.0
78	23.5	20.2	345	5.5	110	22.0	16.5	45	8.0
79	23.0	20.5	340	7.0	111	21.8	16.1	35	a.0
80	22.8	20.5	350	5.5	112	21.5	15.8	50	8.0
81	23.0	20.5	15	6.0	113	21.1	16.0	25	a.0
82	22.6	20.5	15	5.5	114	21.0	16.2	30	7.5
83	22.5	20.5	5	5.0	115	21.5	15.5	30	6.5
84	22.5	20.5	5	5.5	116	21.5	15.5	40	5.5
85	22.5	20.0	5	4.5	117	21.5	16.7	25	6.5
86	22.7	16.1	60	7.5	118	21.8	16.6	10	7.0
87	23.5	16.2	65	8.5	119	21.6	17.2	10	6.0
88	23.6	17.8	75	6.0	120	21.8	17.5	10	5.0
89	23.6	17.2	70	6.0	121	22.0	17.7	0	7.5
90	22.8	17.0	60	6.0	122	22.3	18.1	0	7.5
91	23.0	17.6	45	3.0	123	22.4	18.4	350	a.0
92	23.0	18.2	5		124	22.4	18.8	345	7.5
93	22.7	18.1	355	4.0	125	22.4	18.9	340	7.5
94	23.0	18.8	Y 345	4.5	126	22.5	18.9	345	8.5
95	23.2	18.6	345	5.0	127	21.0	18.3	335	
96	23.5	20.0	340	6.0	128	21.2	18.2	345	8.0

"CAPRICORNE"

CAMPAGNE 74.0 1 Bis

METEOROLOGIE

N°	T°	AIR	VENT	N°	T°	AIR	VENT				
St.	SEC	HUM.	DIR.	V m/s	St.	SEC	HUM.	DIR.	V m/s		
129	2	20.3	17.6	10	9.0	161	19.7	18.2	355	9.0	
130		20.5	17.8	10	7.5	162	19.5	17.3	355	9.5	
131		20.7	17.4	0	8.5	163	19.2	17.2	355	10.0	
132		20.8	17.0	51	8.0	164	19.3	16.6	355	10.0	
133		20.7	m.-m.	16.9	5	8.5	165	18.5	16.5	345	9.0
134		21.7	w---m.	16.6	10	10.0	166	18.0	16.5	355	7.5
135	1 5	20.5	16.2	15	11.0	167	18.5	17.0	0	8.5	
136		20.7	16.0	10	9.0	168	18.5	17.1	5	8.0	
137		20.2	16.5	15	7.5	169	18.6	17.1	5	7.5	
138		20.2	14.6	50	8.0	170	19.0	17.2	5	8.0	
139	1	a.2	15.0	40	7.5	171	19.3	17.4	10	8.0	
140		20.4	15.3	50	6.0	172	19.3	17.4	0	8.5	
141	1 41	20.4	15.7	70	6.0	173	19.2	17.4	5	9.0	
142		20.5	15.5	50	6.5	174	18.6	17.4	0	8.0	
143		20.3	14.7	50	6.0	175	18.3	17.4	10	8.0	
144		20.0	15.4	60	5.5	176	18.2	17.4	0	6.5	
145	--	20.0	15.7	45	4.0	177	18.2	17.2	20	7.0	
146		20.5	15.7	30	5.5	178	18.0	17.2	65	6.5	
147	1	20.2	16.5	35	4.0	179	18.6	16.4	25	6.5	
148		20.5	16.5	35	3.5	180	19.0	16.8	25	7.0	
149		21.2	16.9	40	3.0	181	19.6	16.2	10	6.0	
150		21.5	17.5	40	3.0	182	18.2	19.7	16.7	10	6.0
151		23.1	18.4	295	4.0	183	19.2	17.4	0	6.5	
152		21.8	18.2	320	7.0	184	19.3	17.8	0	7.5	
153		21.5	17.5	325	7.5	185	19.6	17.6	0	Y	
154		20.8	17.7	350	8.5	186	20.0	18.0	5	10.5	
155		20.1	17.5	335	5	187	19.5	17.8	0	0	
156		20.5	17.4	335	8.5	188	19.5	17.7	0	9.0	
157		20.0	17.5	335	8.0	189	19.2	17.5	0	7.0	
158		20.2	18.1	355	8.0	190	19.0	16.9	345	7.5	
159		20.0	18.2	355	8.5	191	19.0	16.6	350	8.5	
160		20.0	17.5	355	8.5	192	19.5	16.7	350	8.5	

"CAPRICORNE"  
 CAMPAGNE 74.01 Bis  
 METEOROLOGIE

N°	T° AIR	HUM.	VENT	N°	T° AIR	HUM.	VENT
St.	SEC		DIR. : V m/s	St.	SEC		DIR. : V m/s
193	19.42	16.7	355 : 8.5	225	18.9	15.2	345 : 9.5
194	19.7	17.2	355 : .	226	18.7	15.2	345 : 9.5
195	17.4	350	9.0	227	18.9	14.1	350 : 9.5
196	19.0	17.0	345 : 8.5	228	19.0	15.2	345 : 8.5
197	18.6	17.3	345 : .5	229	18.4	15.0	345 : 10.5
198	18.3	17.0	340 : 8.5	230	18.0	15.0	345 : 10.0
199	18.1	17.5	340 : 8.5	231	18.2	15.0	345 : 10.5
200	17.6	17.3	340 : .	232	18.1	340	9.0
201	17.8	17.5	340 : 8.0	233	17.8	15.2	340 : 10.0
202	18.1	17.5	345 : 9.0	234	17.6	15.3	345 : 10.0
203	19.2	18.5	340 : .5	235	17.5	15.5	355 : 8.5
204	18.7	16.7	50 : 6.0	236	17.5	15.7	355 : 8.5
205	18.5	16.1	340 : .	237	17.4	15.5	345 : 9.5
206	18.5	16.3	350 : .	238	17.5	15.6	350 : 9.0
207	17.9	16.2	350 : 8.5	239	17.3	15.7	350 : 9.0
208	17.9	16.3	355 : 7.0	240	17.3	15.7	8.0
209	18.2	16.2	280 : 10.0	241	17.5	15.8	350 : 8.5
210	18.0	16.2	360 : 8.5	242	17.2	15.7	0 : 8.5
211	18.0	16.5	5 : 9.5	243	16.7	15.4	355 : 8.0
212	18.0	16.6	350 : 8.5	244	16.6	15.2	8.0
213	17.8	16.5	0 : 9.0	245	17.2	13.5	20 : 8.5
214	18.0	16.3	0 : 9.5	246	17.5	13.8	25 : 8.5
215	18.2	16.1	15 : 9.5	247	17.3	13.2	35 : 9.5
216	18.8	16.3	15 : 9.0	248	16.1	10.5	
217	19.0	16.1	15 : 10.0				
218	18.5	16.0	20 : 9.5				
219	17.6	16.5	20 : 8.5				
220	18.0	17.8	40 : 9.0				
221	18.1	17.8	25 : 11.0				
222	19.3	14.1	35 : 8.0				
223	19.1	15.2	30 : 7.0				
224	18.5	15.0	20 : 7.0				