

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.

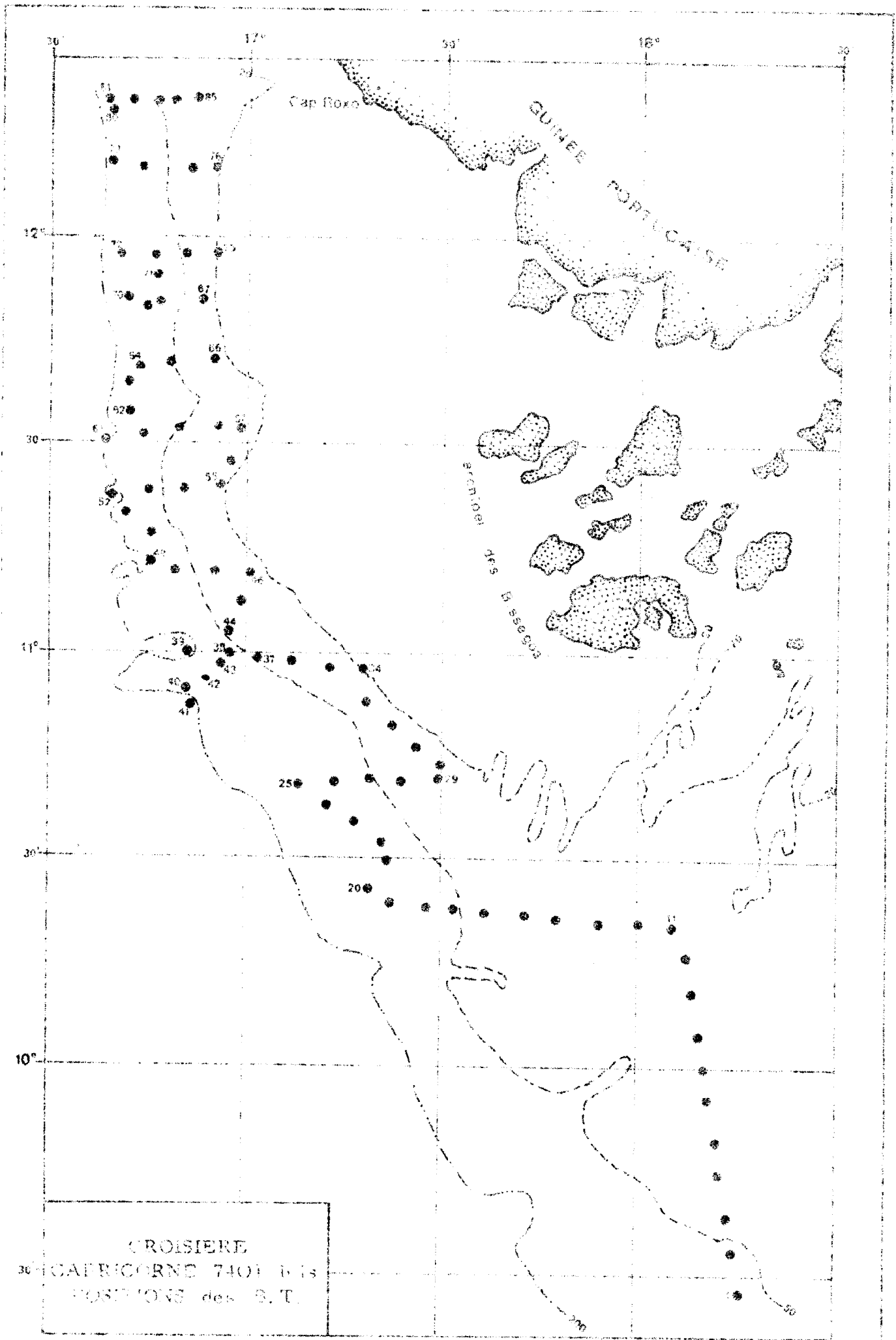
Le premier tableau présente le numéro et la position des différentes stations ainsi que la profondeur et la température de surface relevée au thermographe de surface du "Capricorne".

Dans le second tableau sont consignés les renseignements météorologiques suivants :

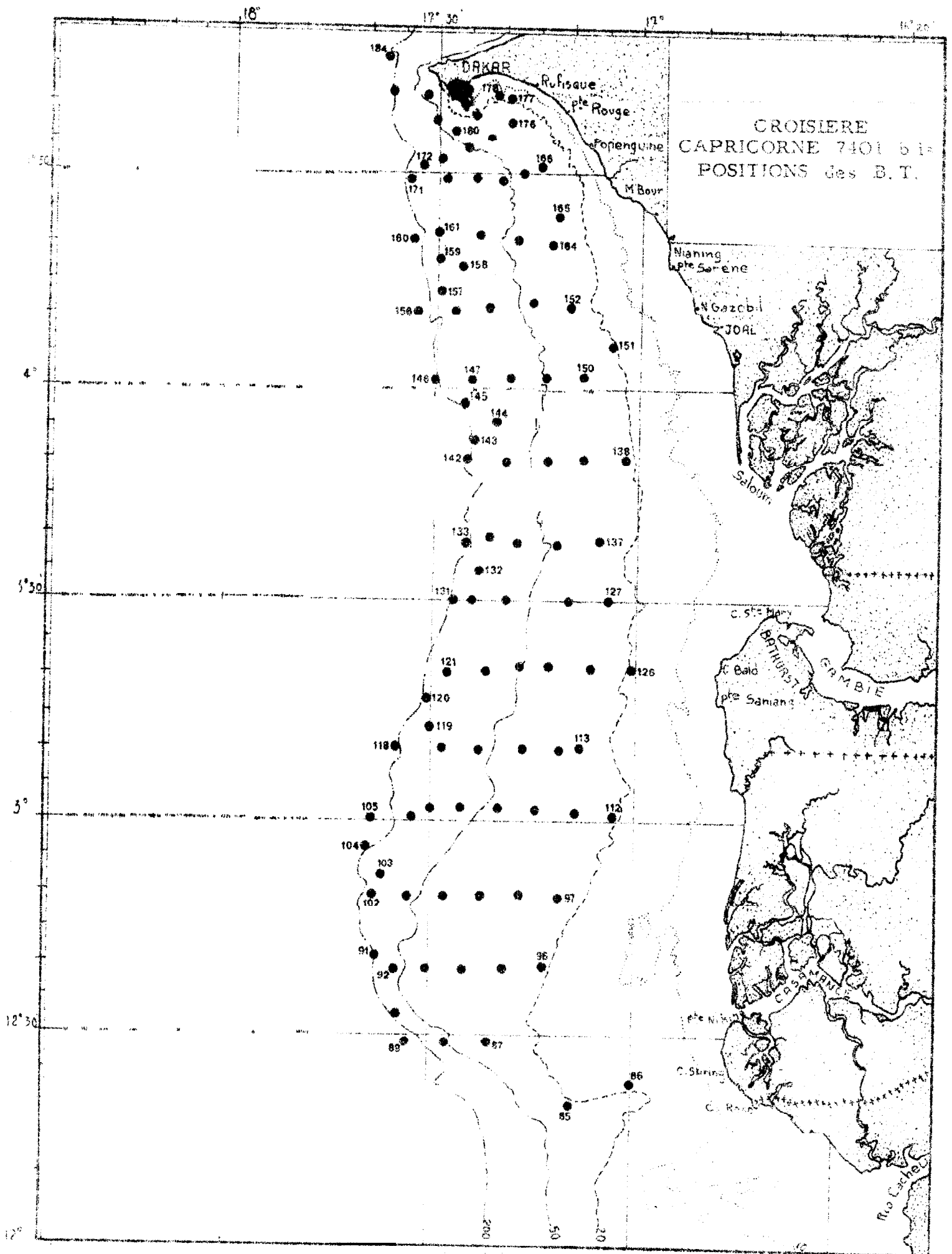
- Vent mesuré à l'altitude de 14 m environ
- Température de l'air sec et humide

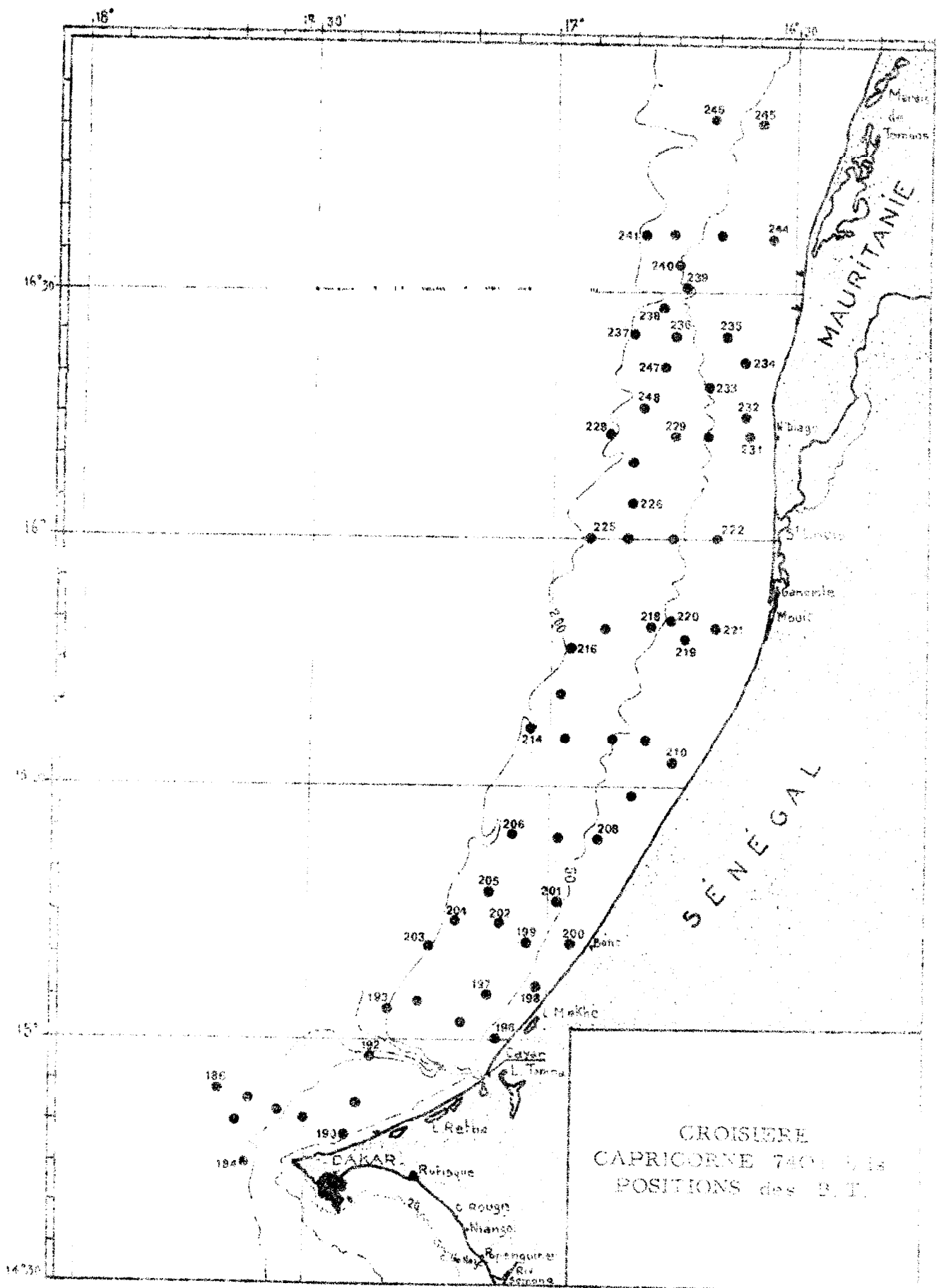
La première série de trois planches représente les positions des stations, La deuxième série de trois planches, représentant les isothermes de surface, a été dressée à partir des enregistrements du thermographe.

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1974



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
p - m	: 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

- r - U - - - - " "

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'	17°10'	152	18°3	29	"
"	18.00	14°11'5	17°15'5	153	18°8	46	"
If	18.00	14°11'	17°22'	154	18°8	77	"
"	19.00	14°10'	17°27'	155	18°8	102	"
"	19.35	14°10'5	17°32'	156	19°1	250	"
"	20.00	14°11'	17°29'	157	18°5	108	"
II	20.30	14°16'5	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	14°20'	17°18'	163	17°9	49	"
"	23.30	14°20'	17°13'	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	17°24'	169	17°8	72	"
"	05.45	14°28'5	17°28'5	170	18°5	89	"
"	06.10	14°29'	17°33'5	171	19°0	109	"
"	06.40	14°30'	17°31'5	172	19°0	106	"
"	07.00	14°31'	17°29'	173	17°9	84	"
"	07.20	14°33'	17°25'	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	14°37'5	17°24'5	179	17°3	29	"
"	09.20	14°35'5	17°27'	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	: 17°37'5	: 184	:	: 17°7	: 250	: "
: "	:11.30	:14°50'	: 17°39	: 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	: "
: "	:14.0	: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	: 17°16'	: 194	:	: 18°5	: 70	: "
: "	:16.00	:15°02'	: 17°10'5	: 195	:	: 17°9	: 9	: "
: "	: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

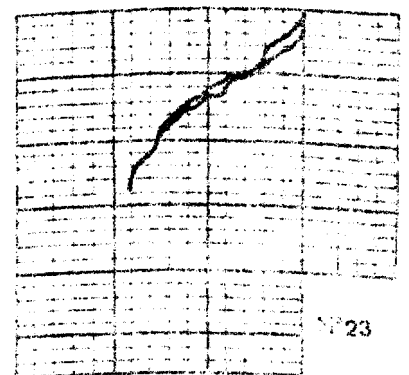
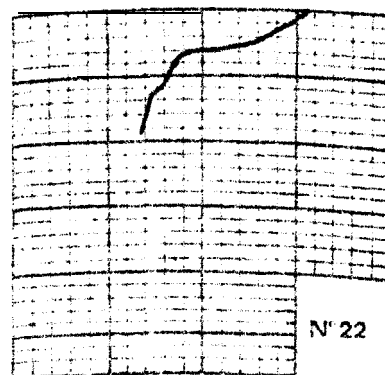
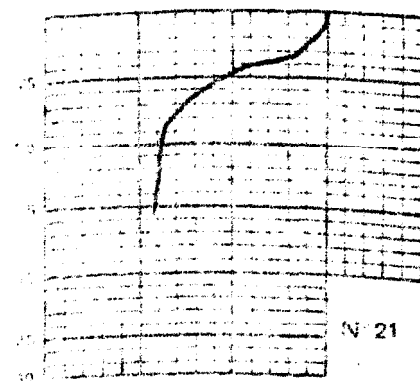
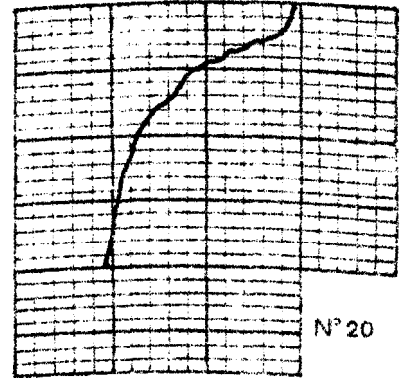
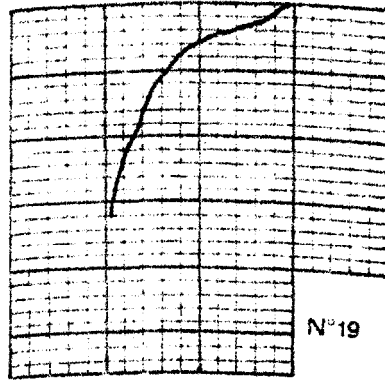
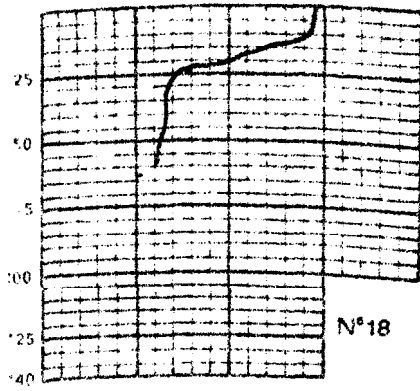
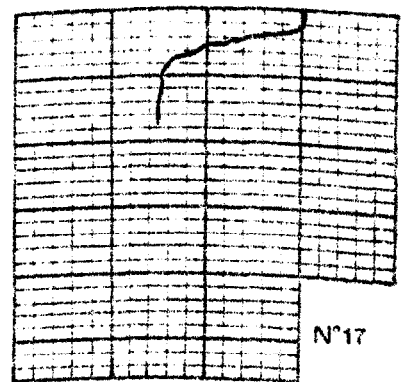
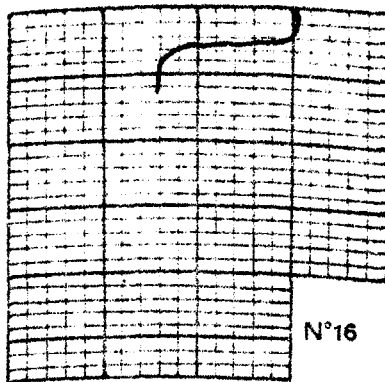
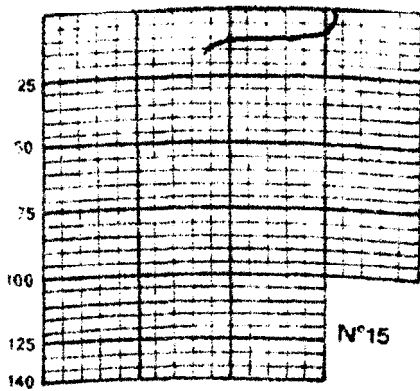
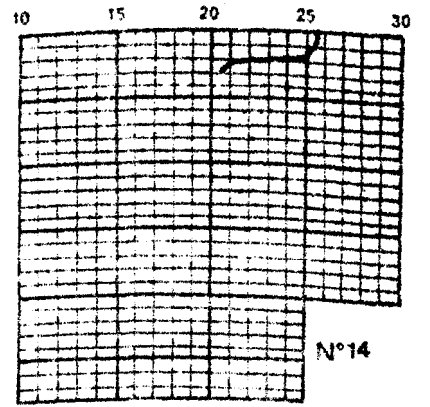
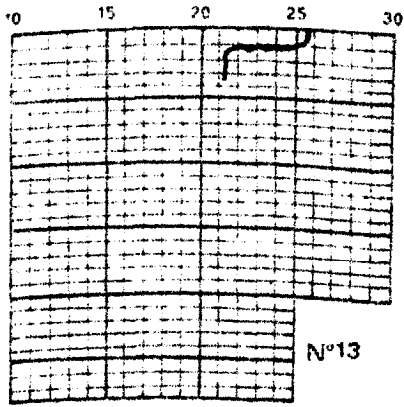
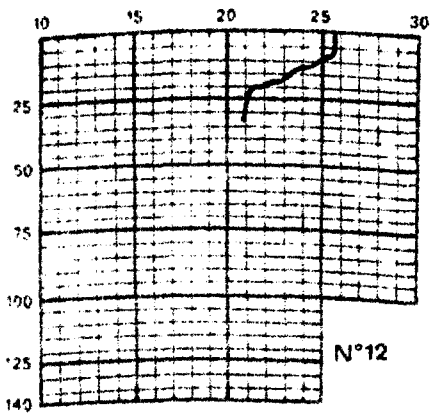
: DATE	: HEURE	: POSITION		: N°	: T°	: FOND	: N°
:	:	: LAT.	: LONG.	: PLAQUE B.T	: SURF.	: (m)	: BATH.
:28-1-74:	02.30	: 15°36'	N : 16° 52' W	: 212	: 16°1	: 64	:RR110'1:
: "	: 03.00	: 15°36'	: 16°58'	: 213	: 16°0	: 99	: "
: "	: 03.30	: 15°37'	: 17°02'5	: 214	: 15°8	: 144	: "
: "	: 04.00	: 15°41'	: 16°58'5	: 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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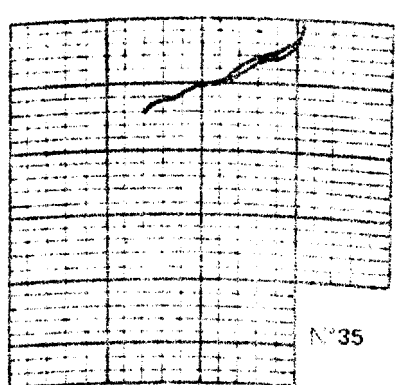
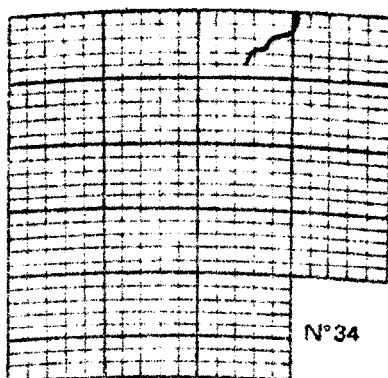
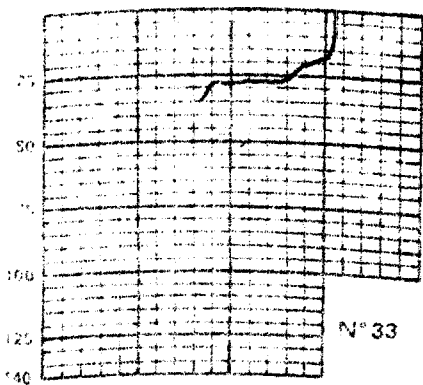
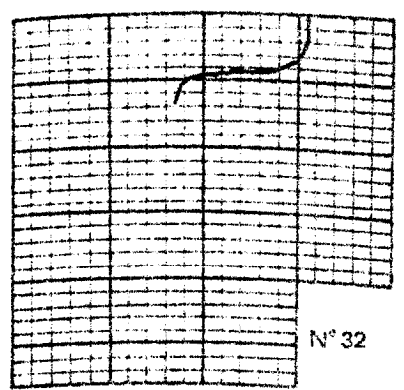
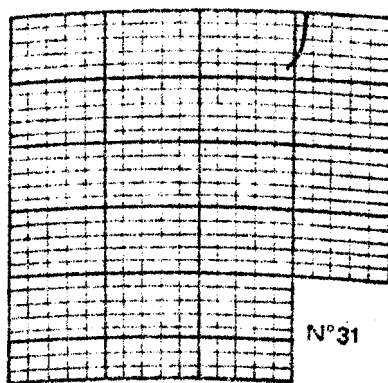
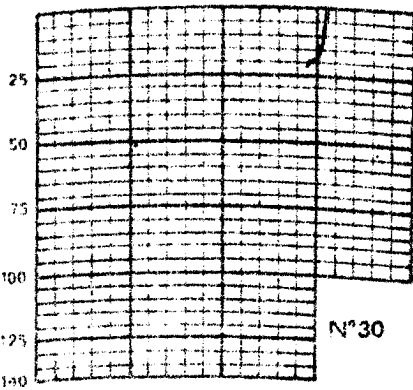
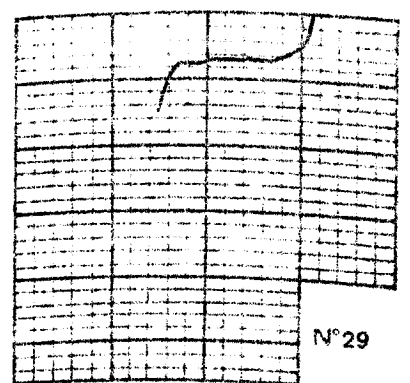
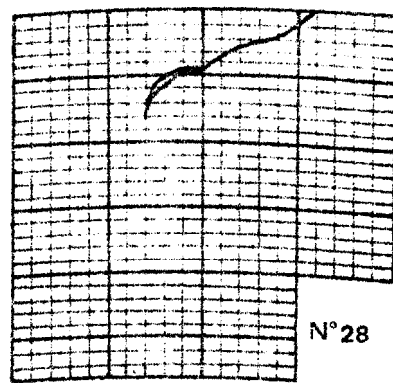
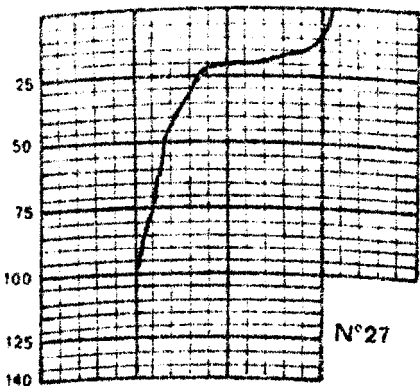
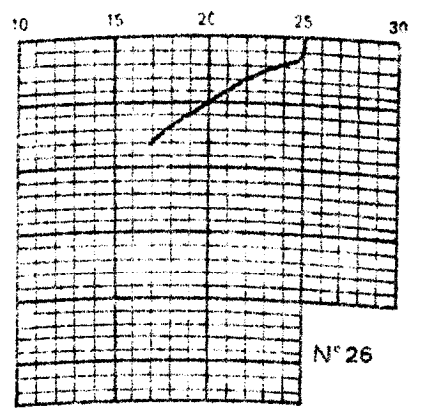
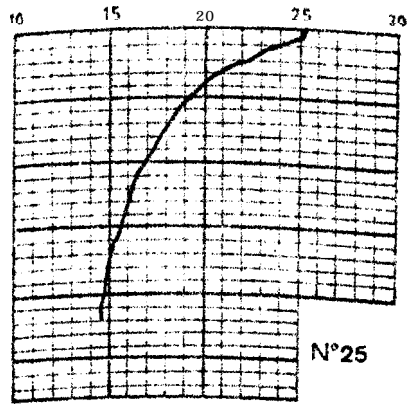
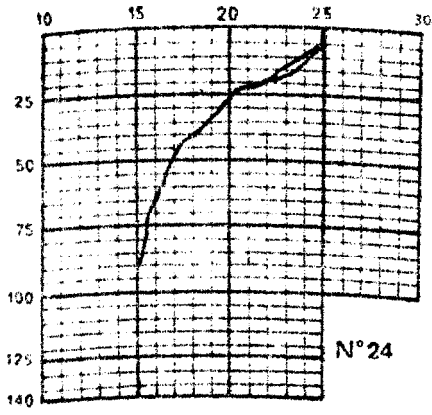
CAF'RICORNE "

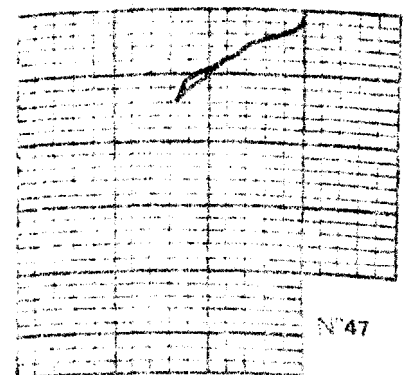
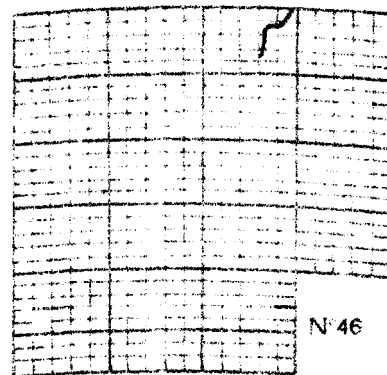
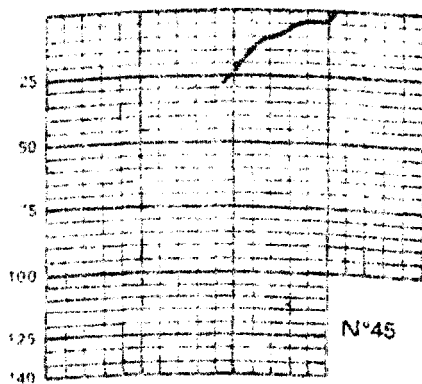
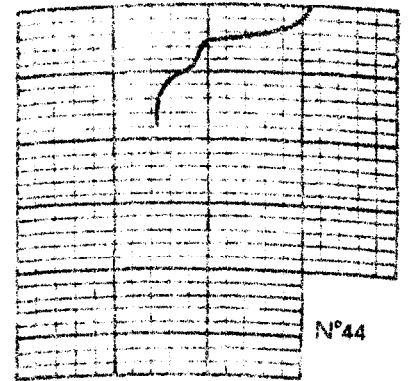
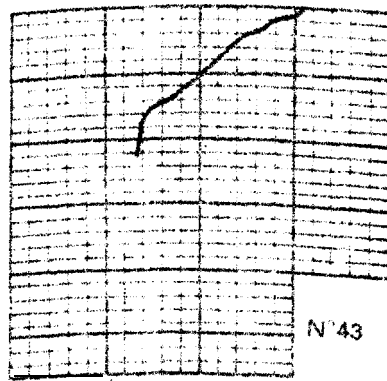
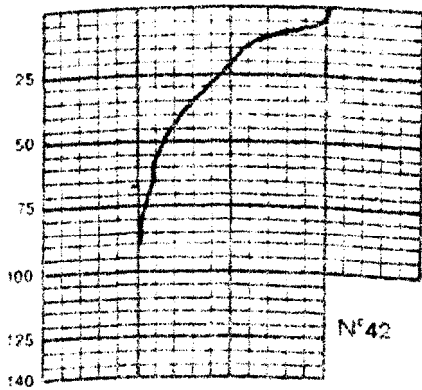
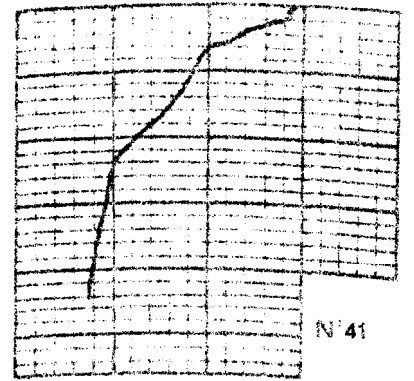
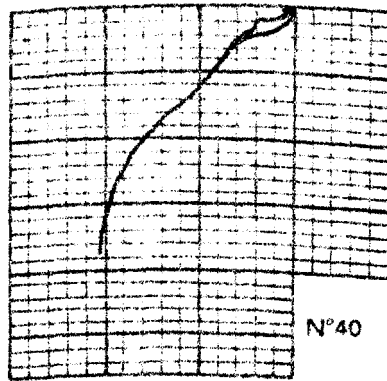
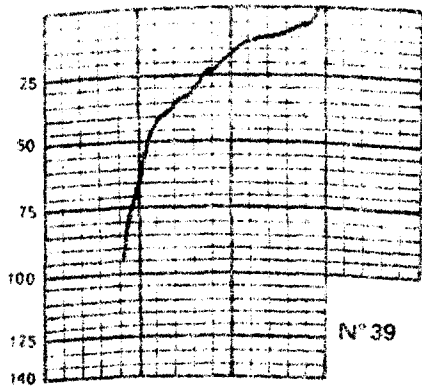
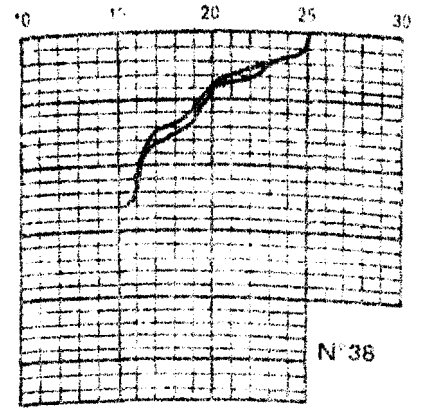
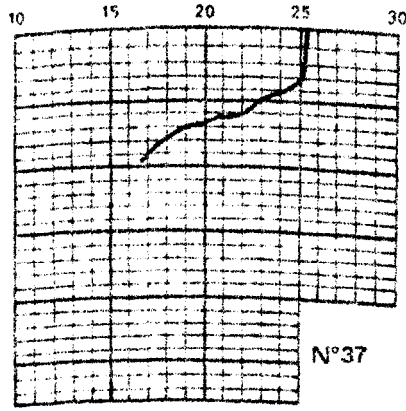
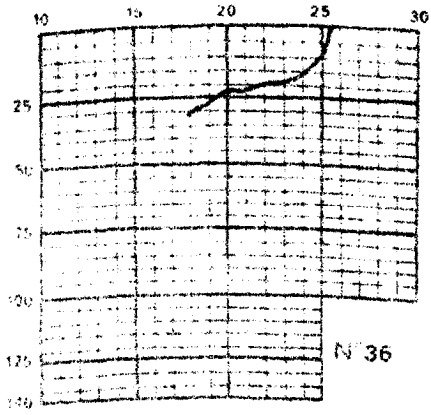
CAMPAGNE 74.01 Bis

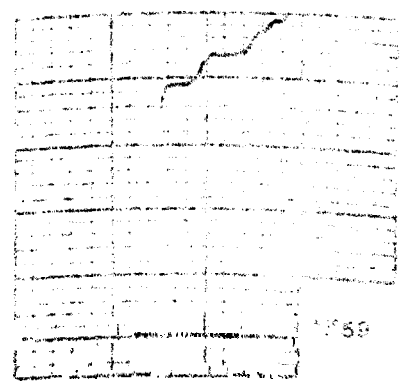
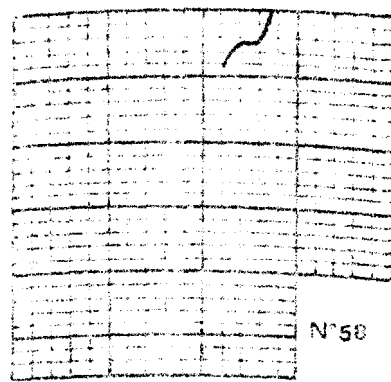
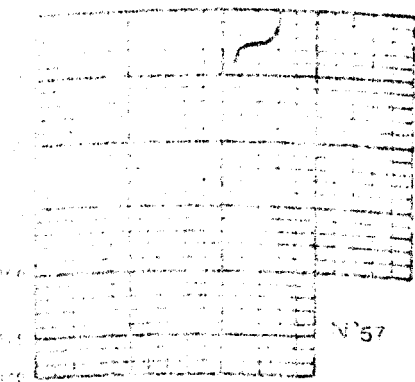
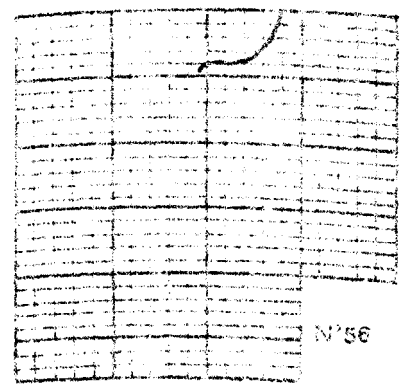
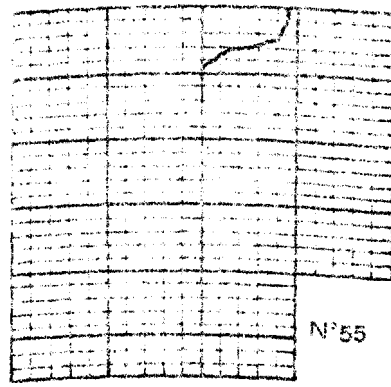
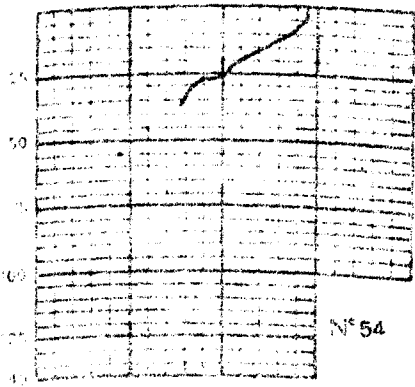
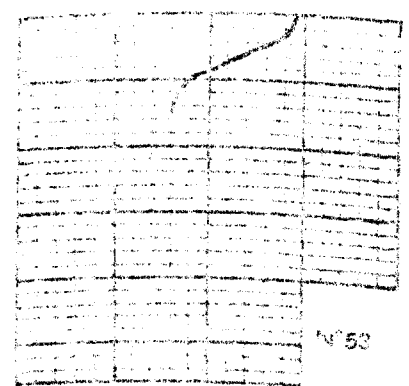
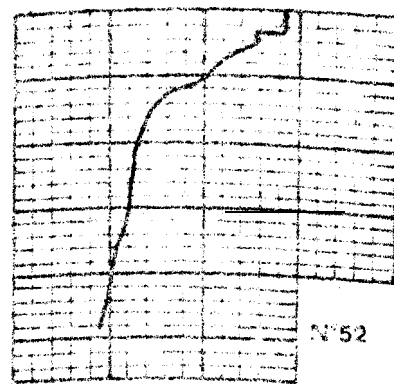
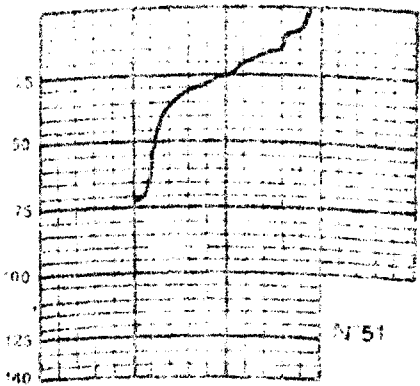
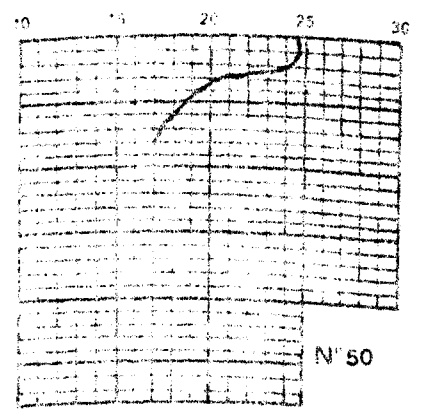
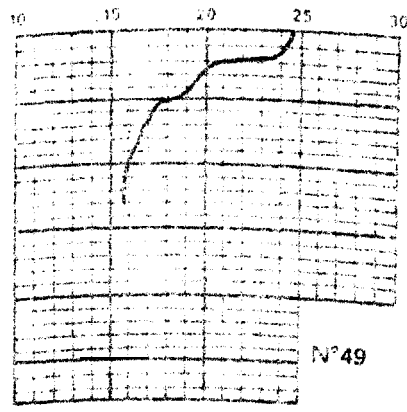
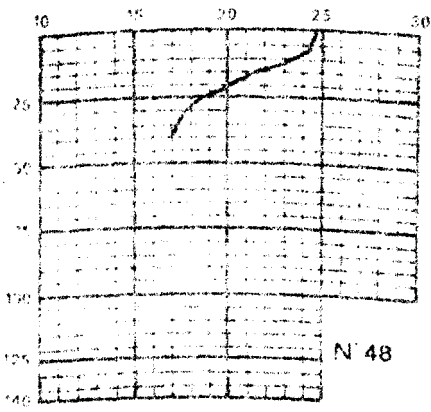
BATHYTHERMOGRAMMES

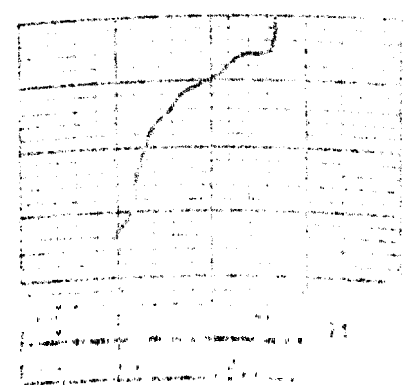
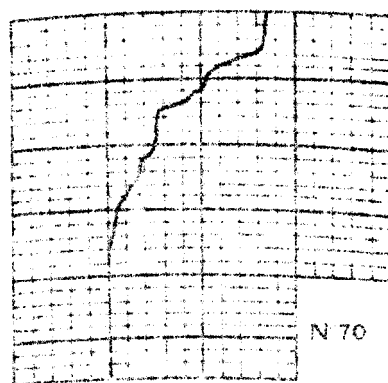
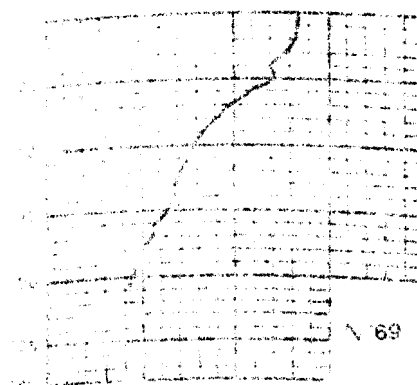
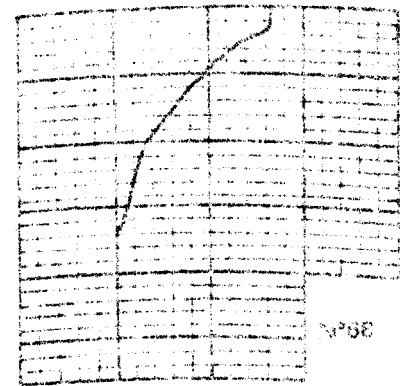
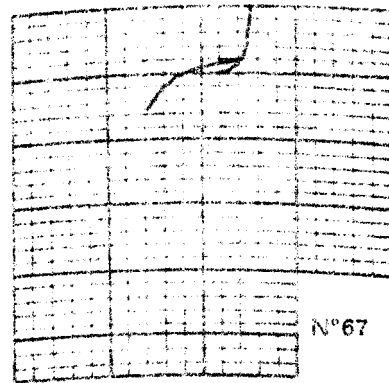
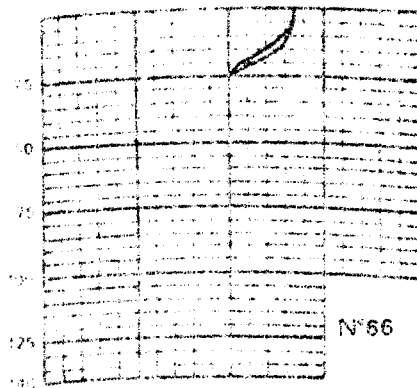
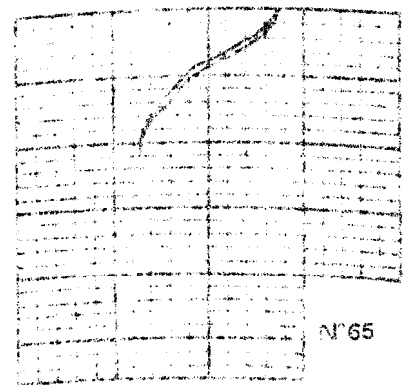
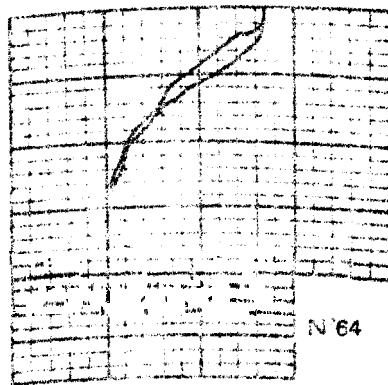
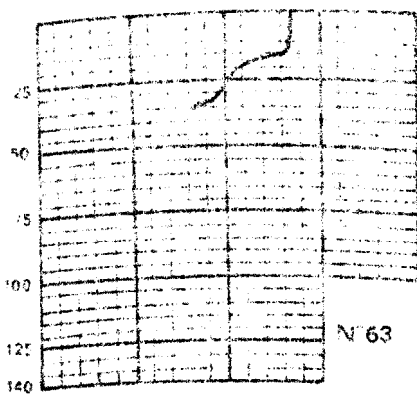
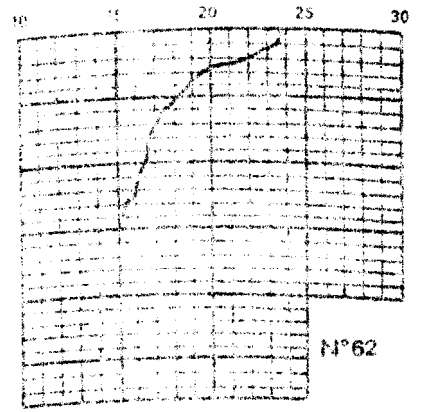
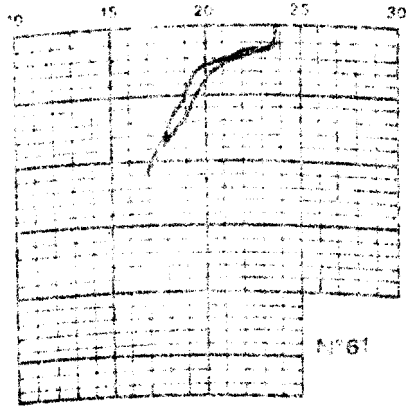
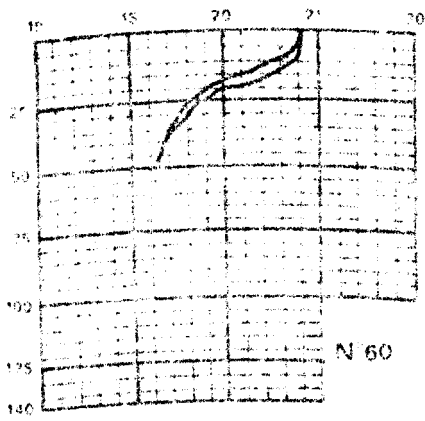
DATE	HEURE	POSITIONS		N°	T°	FOND	N°
		LAT.	LONG.	PLAQUE B.T.	SURF.	(m)	BATHY.
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30-1-74	00.15	16°36'	16°38'5	243	15°6	49	"
"	00.45	16°36'	16°37'5	244	15°5	29	"
"	03.15	16°49'5	16°34'	245	15°4	6	"
"	03.45	16°50'	16°40'	246	15°8	95	"
"	08.15	16°20'	16°46'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

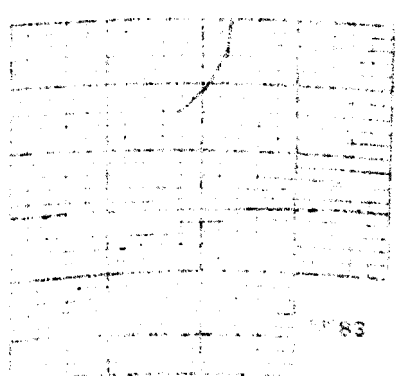
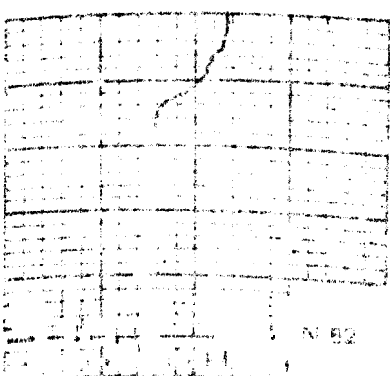
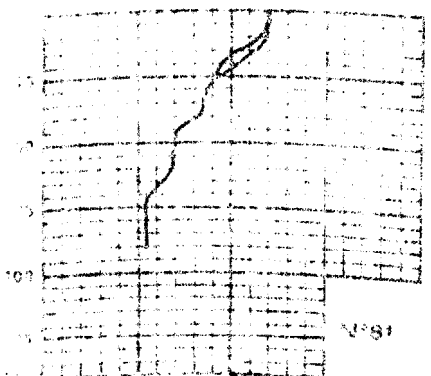
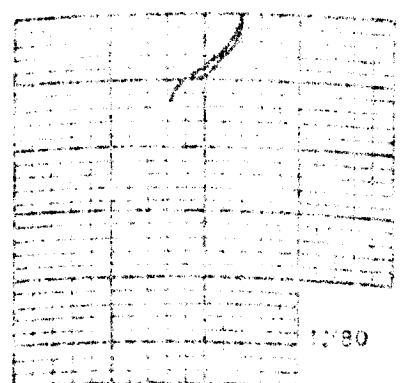
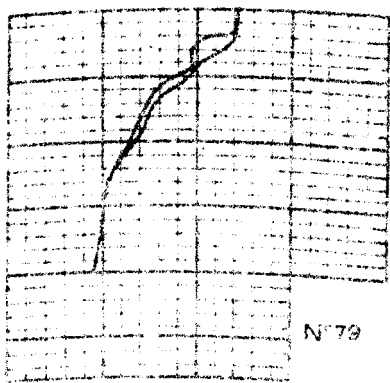
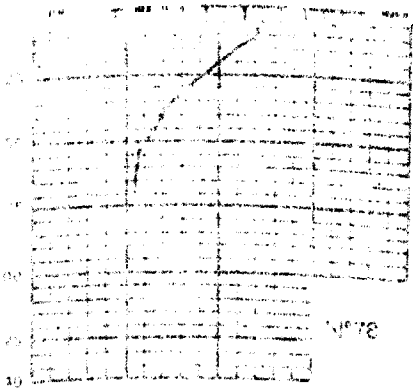
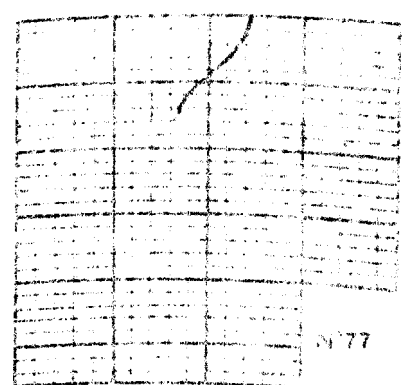
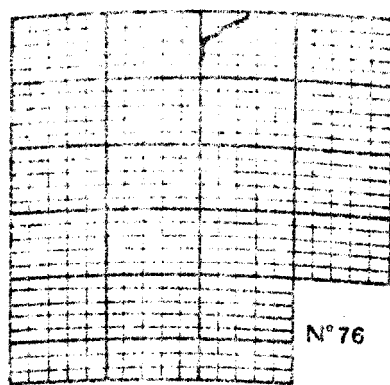
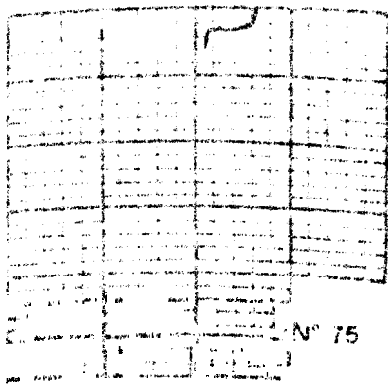
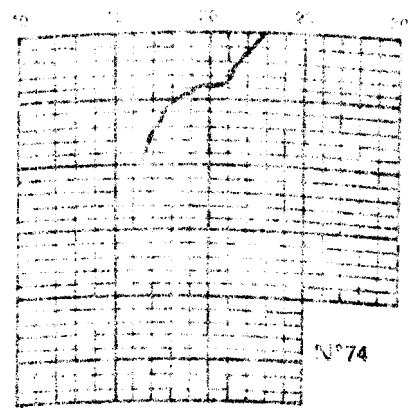
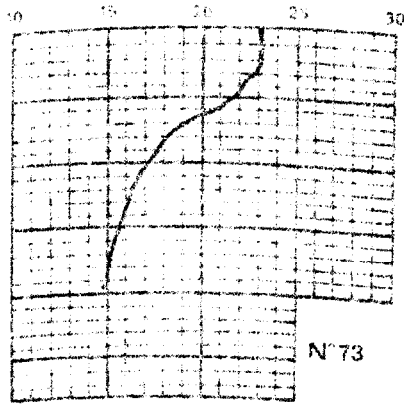
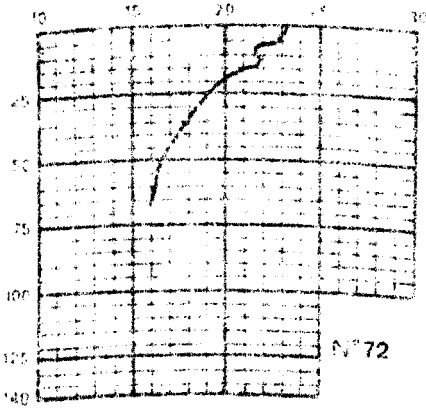


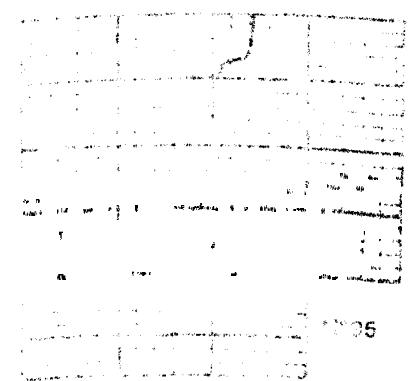
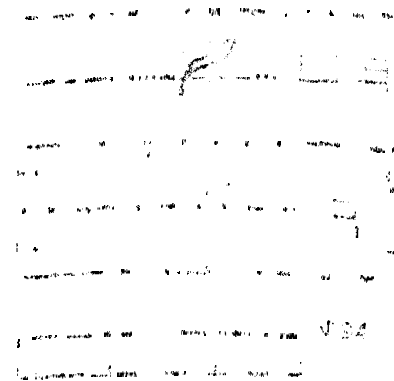
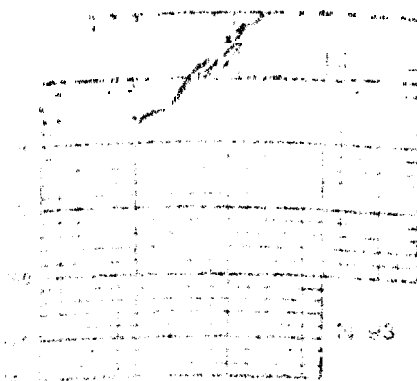
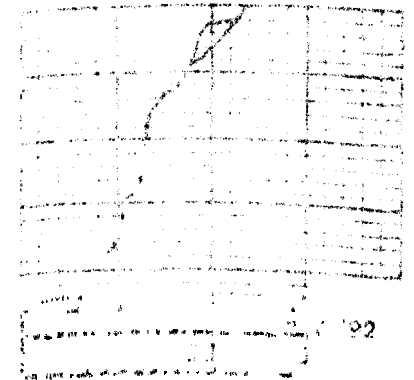
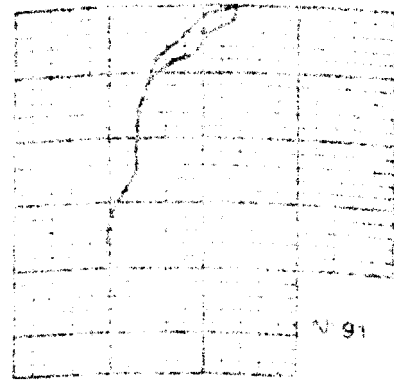
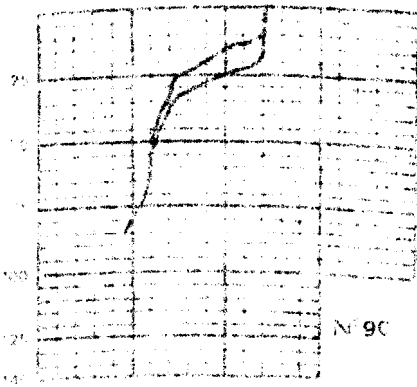
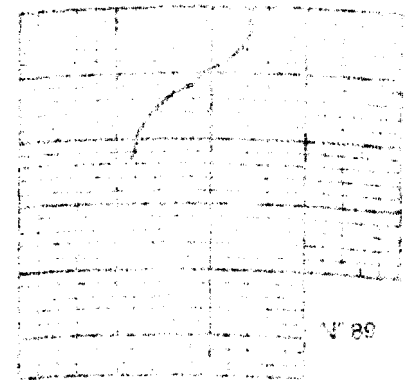
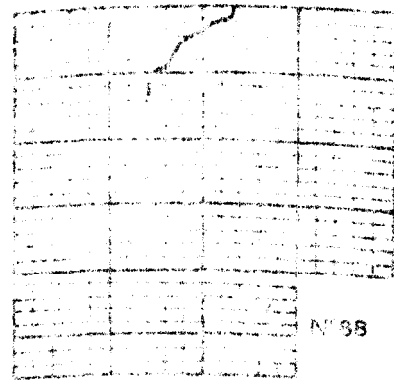
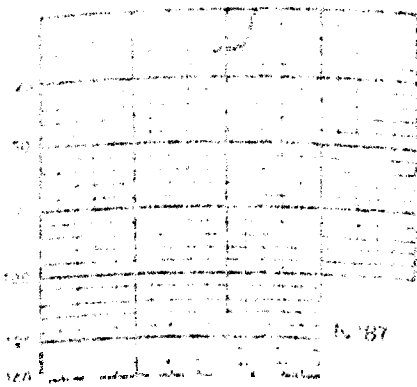
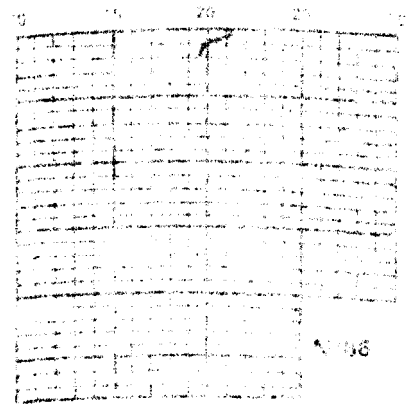
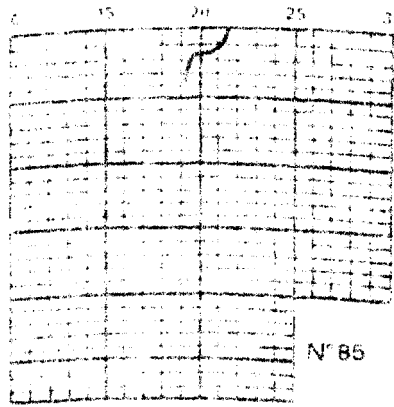
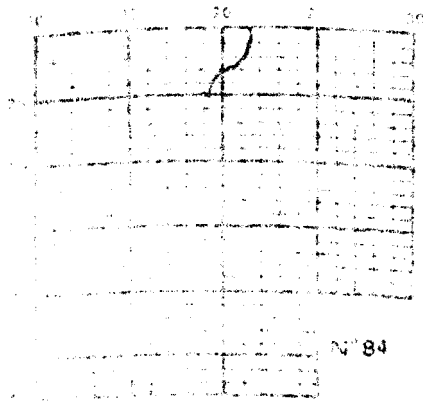


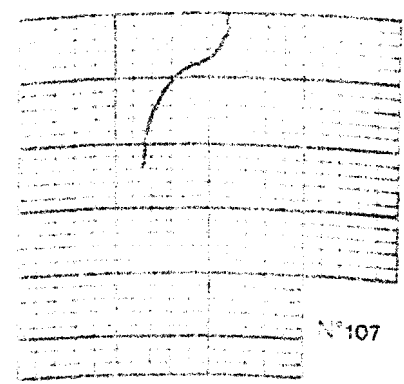
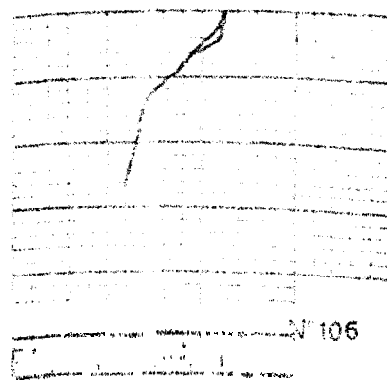
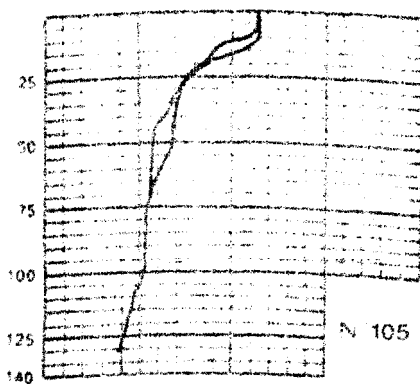
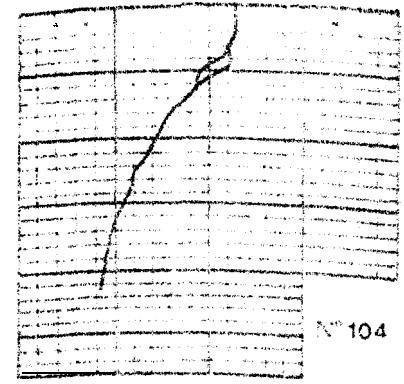
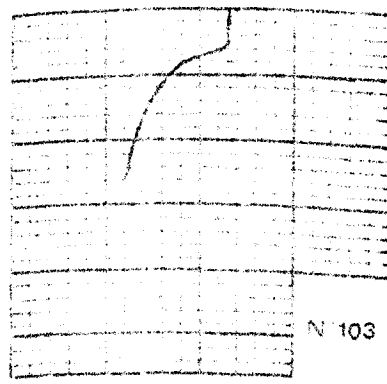
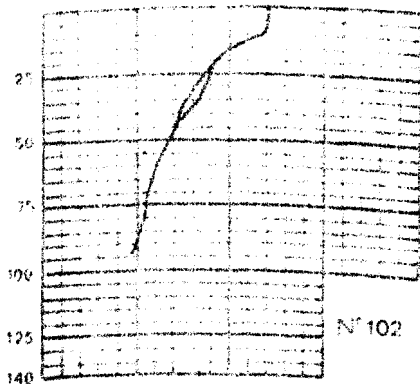
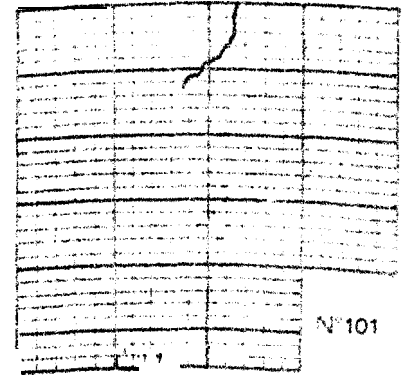
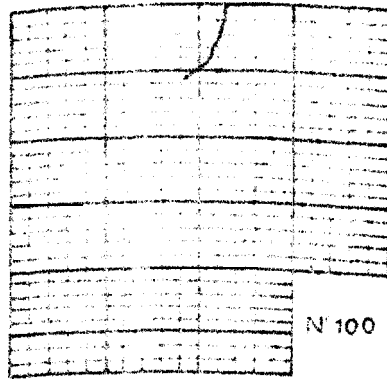
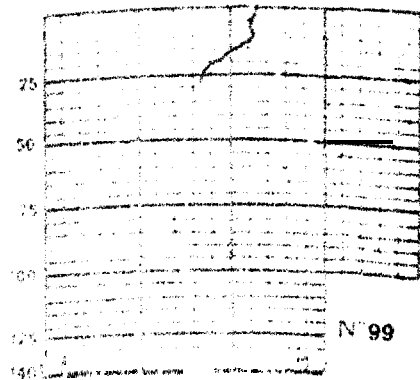
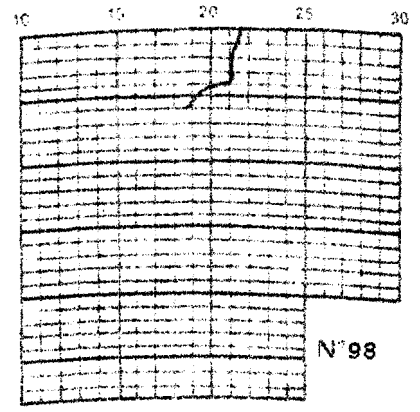
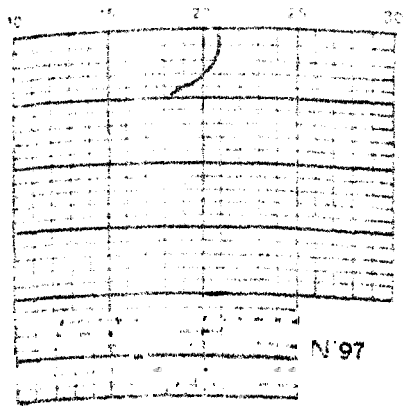
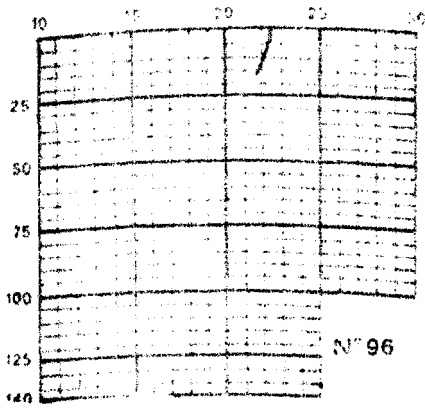


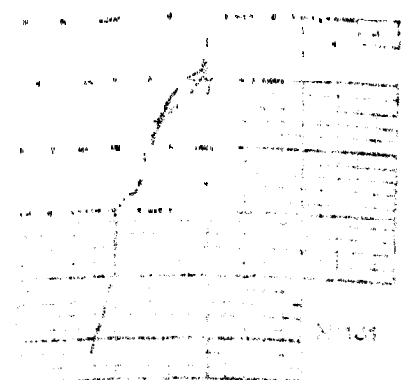
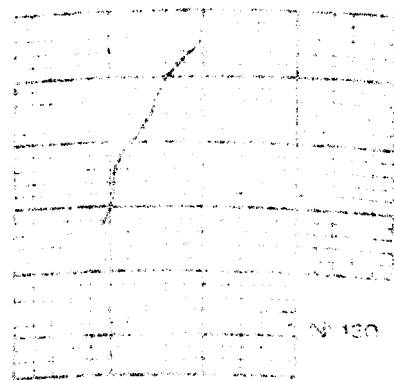
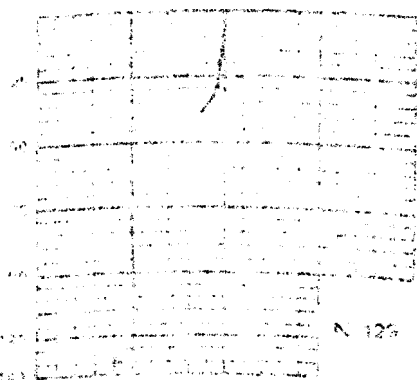
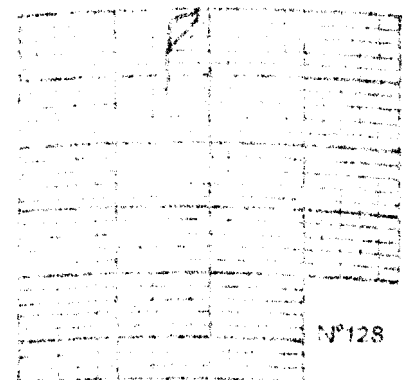
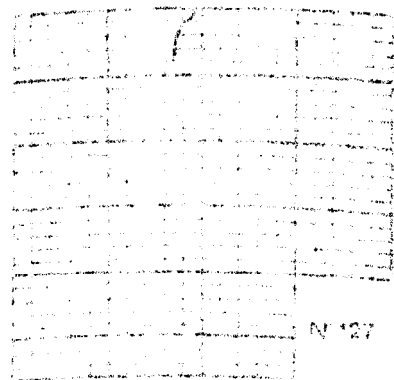
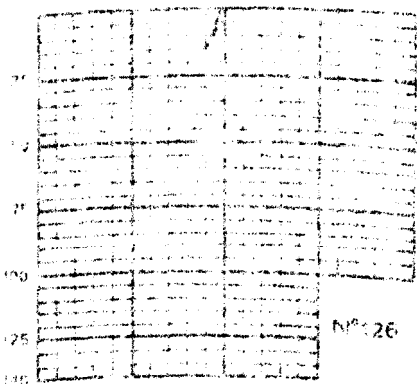
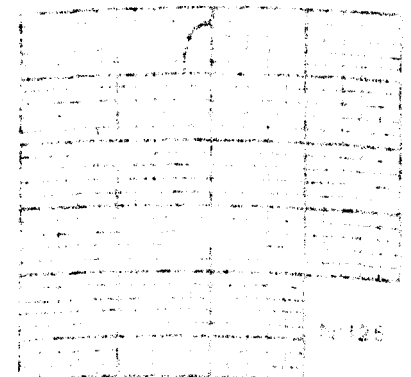
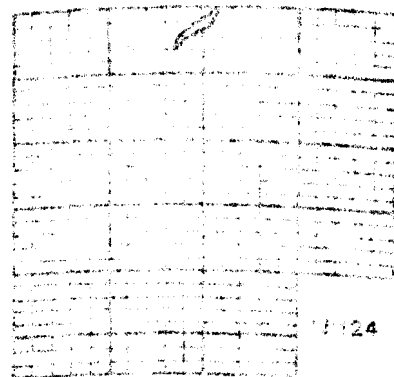
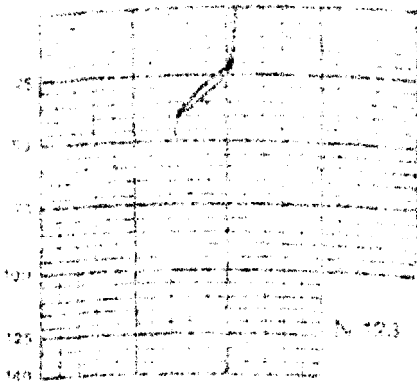
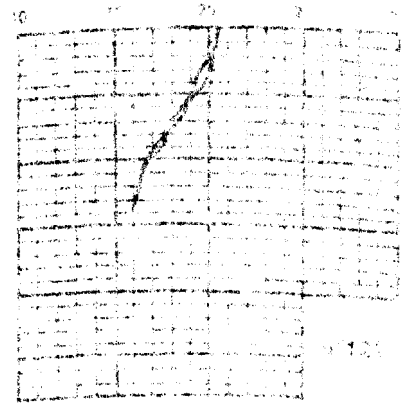
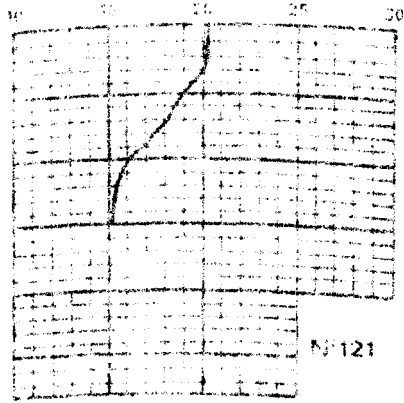
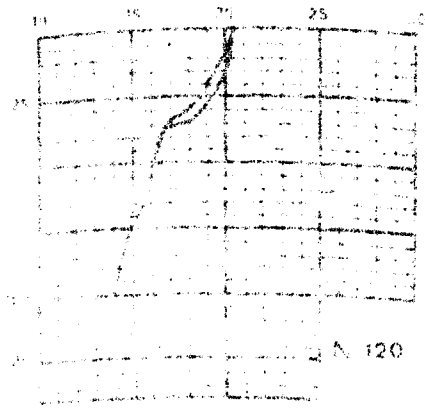


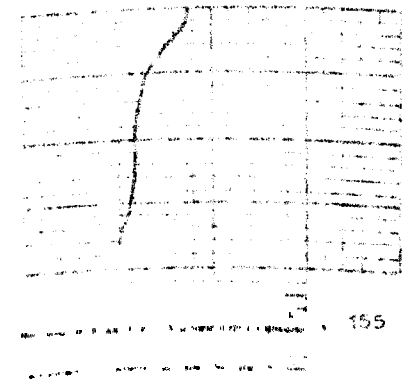
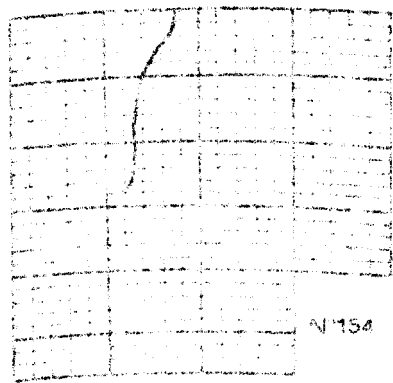
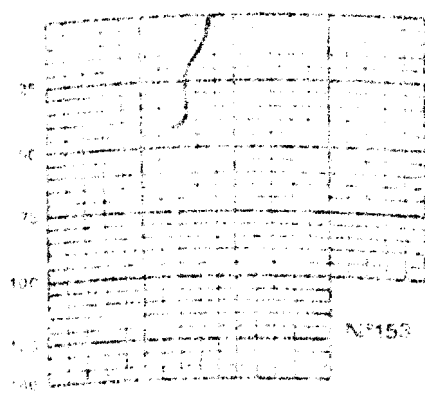
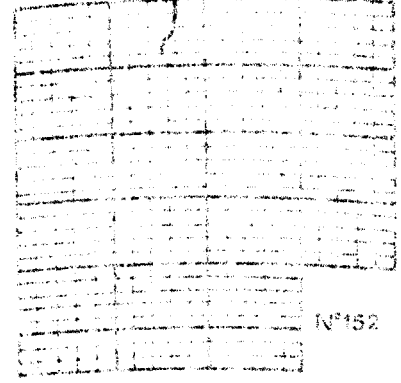
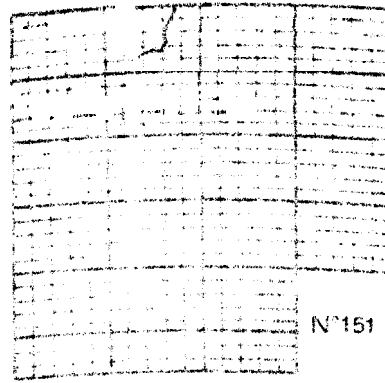
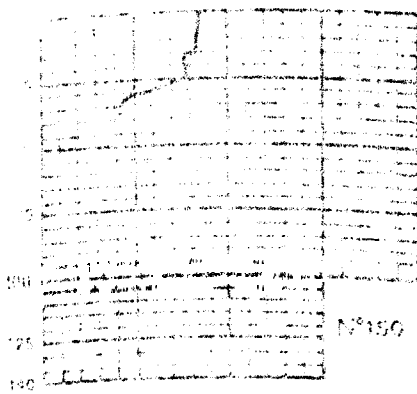
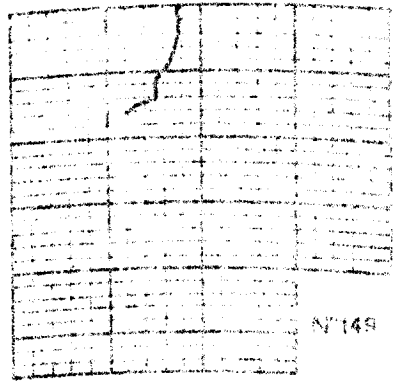
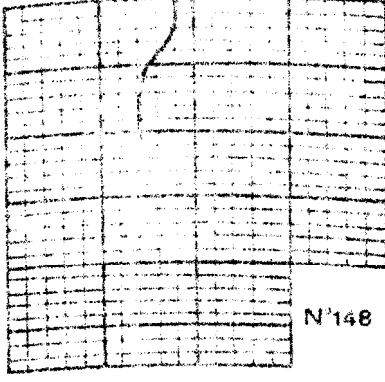
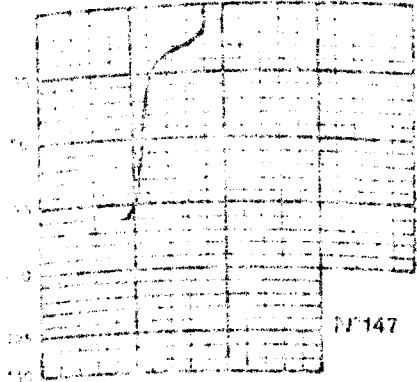
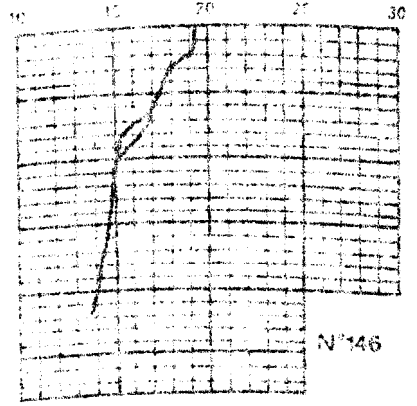
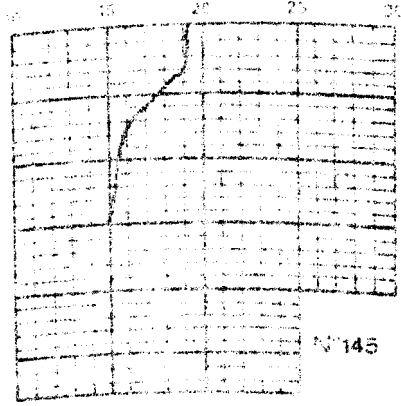
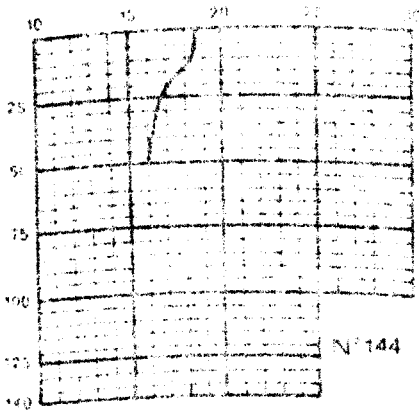


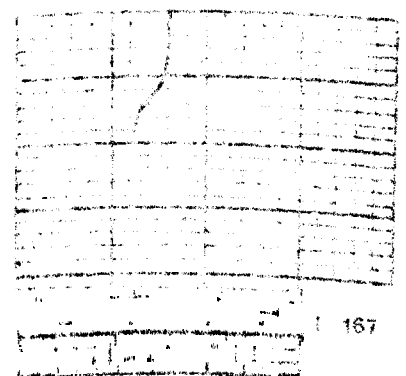
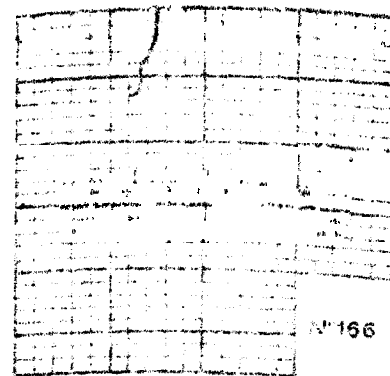
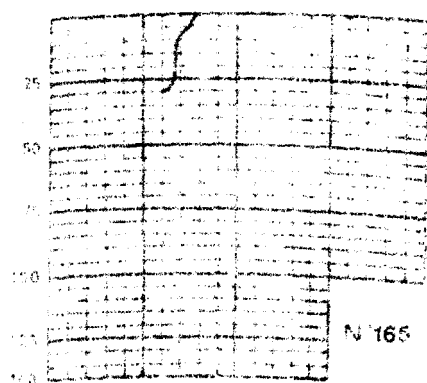
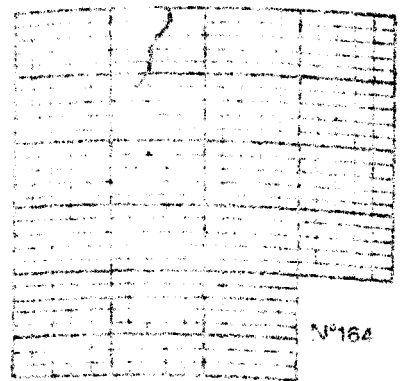
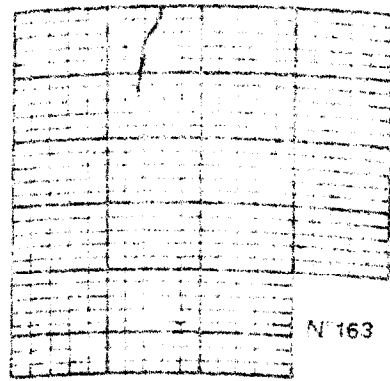
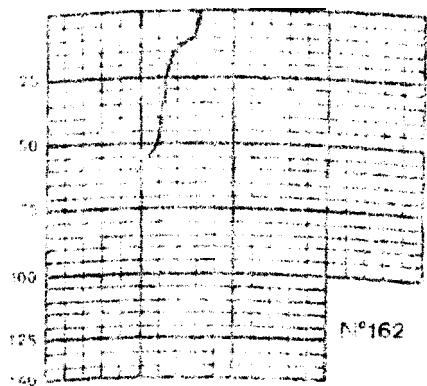
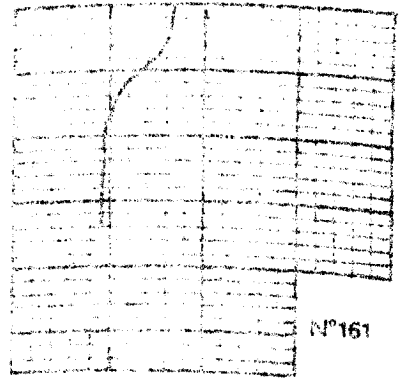
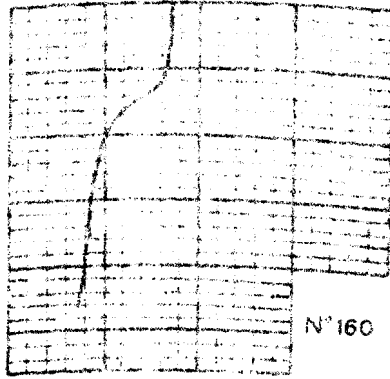
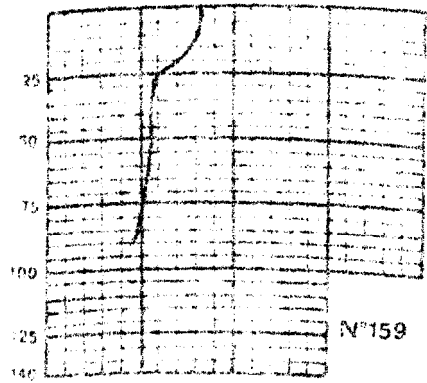
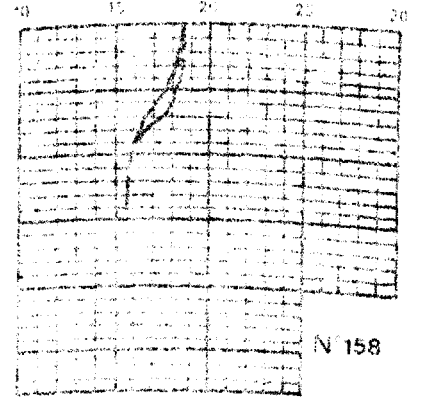
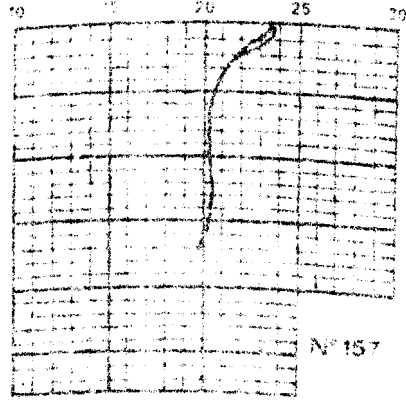
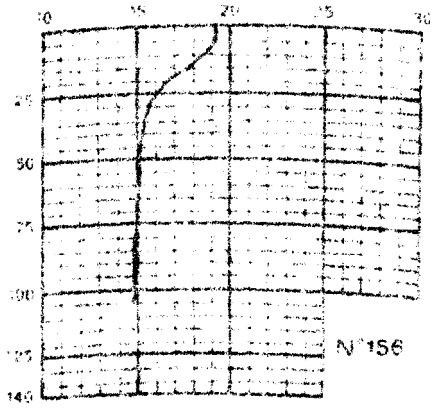


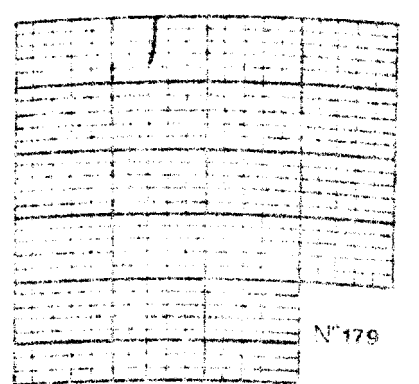
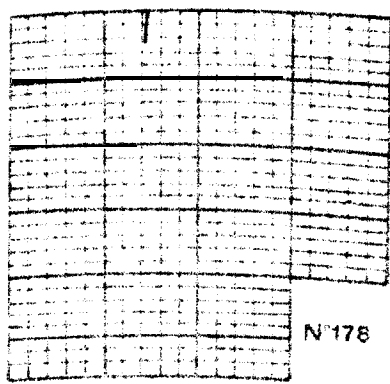
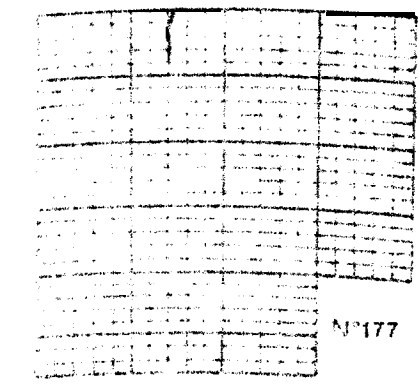
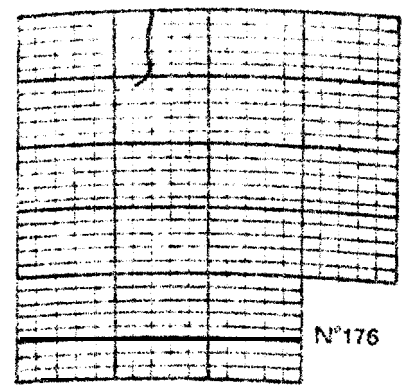
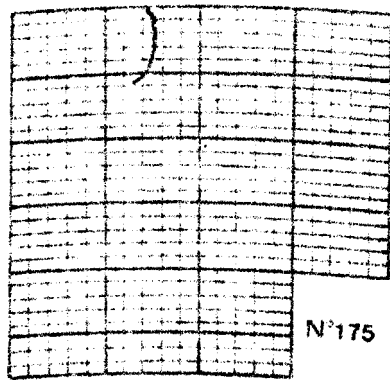
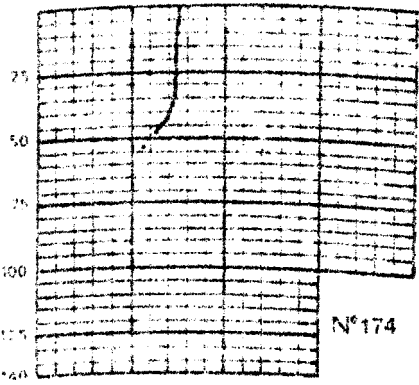
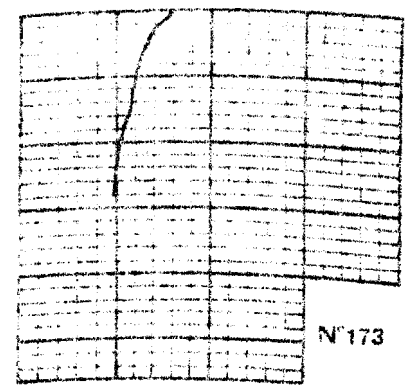
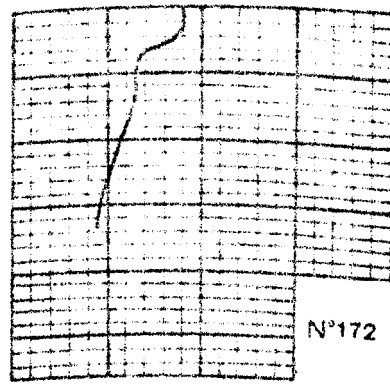
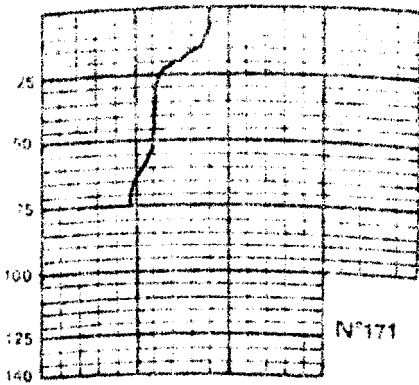
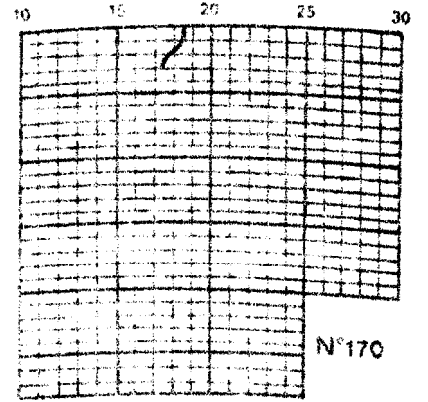
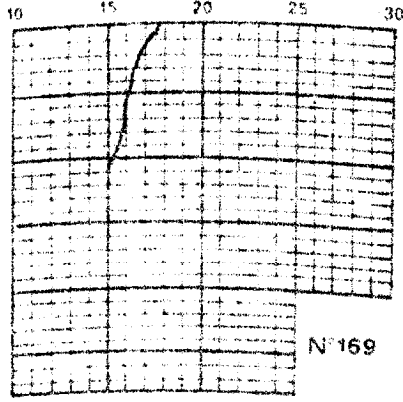
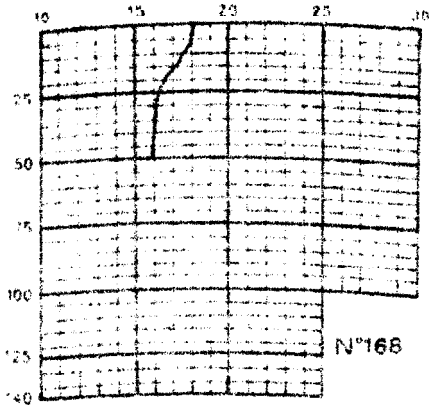


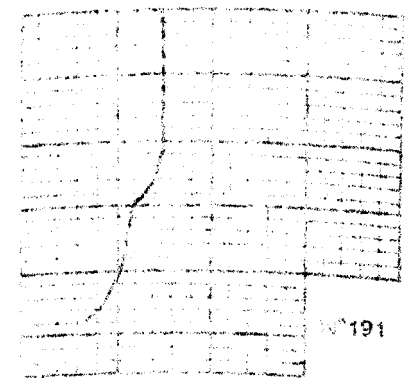
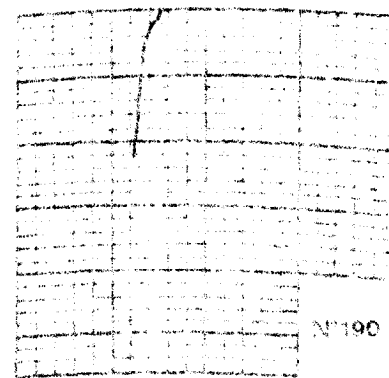
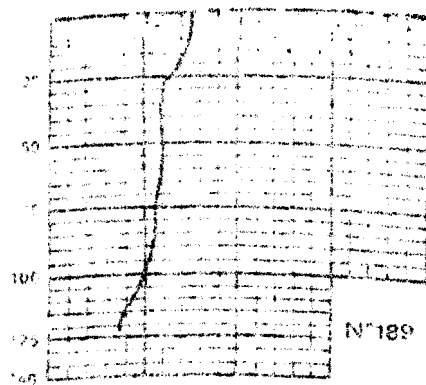
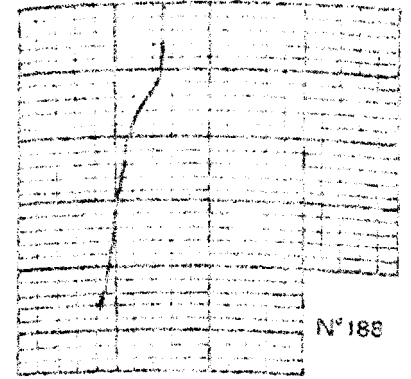
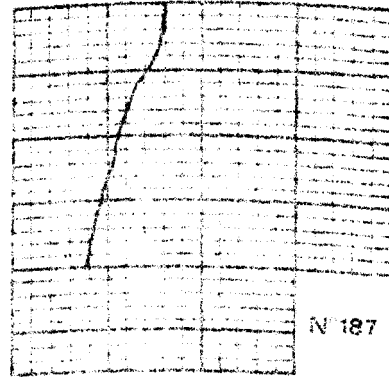
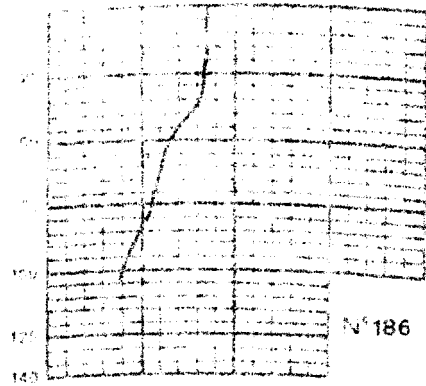
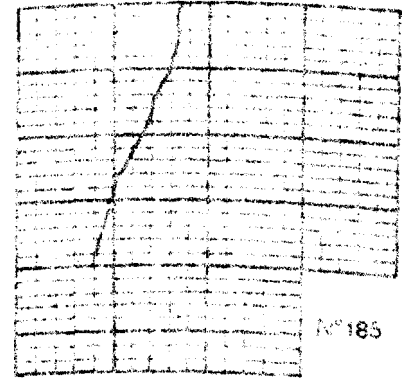
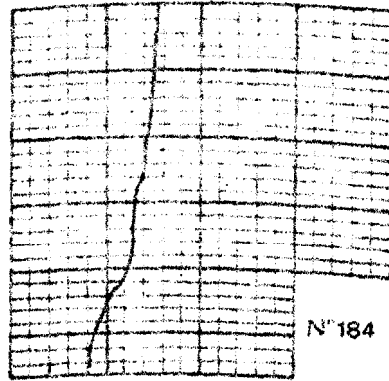
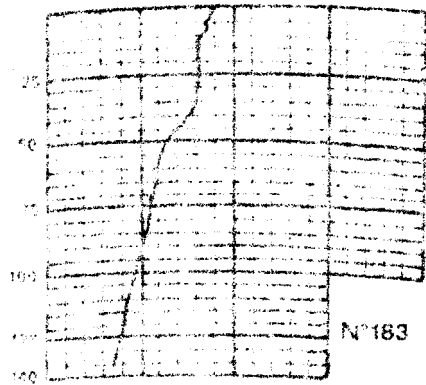
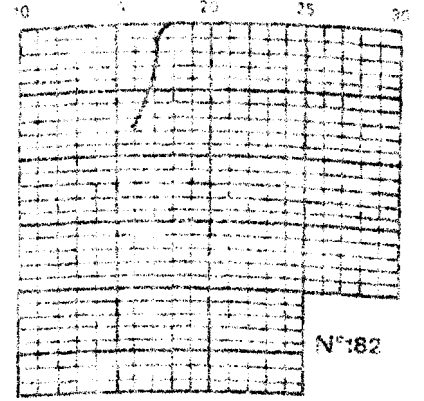
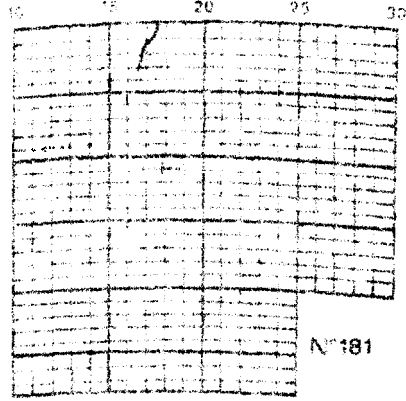
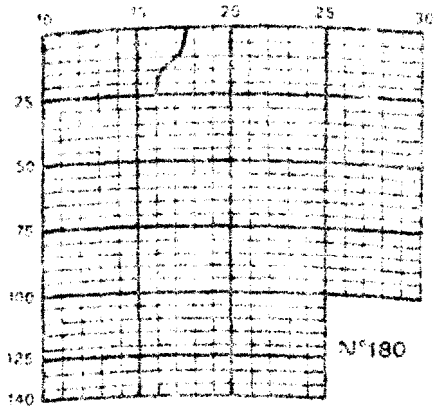


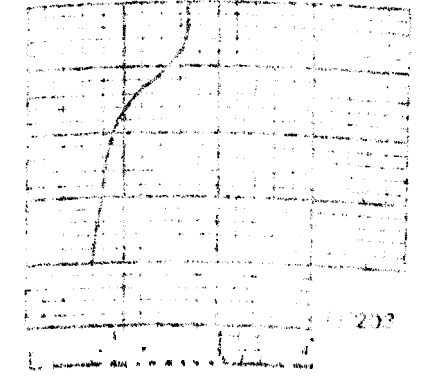
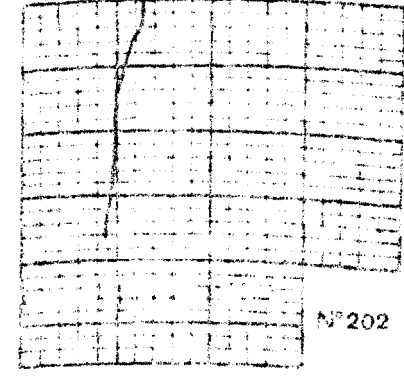
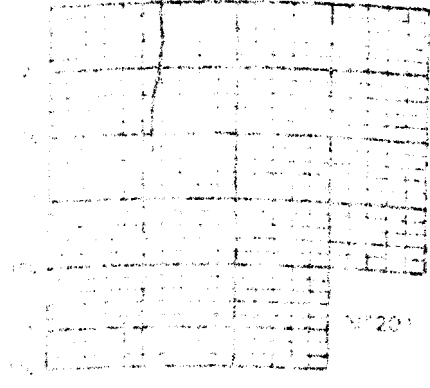
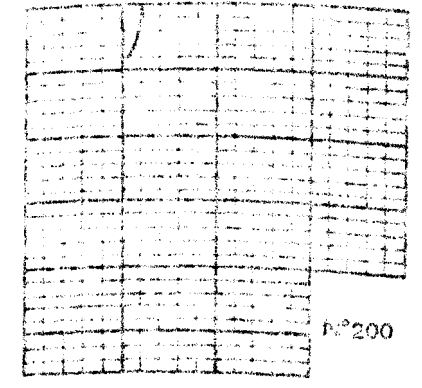
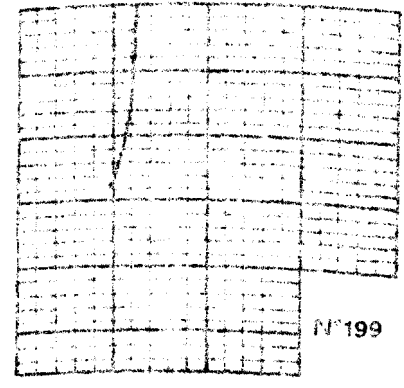
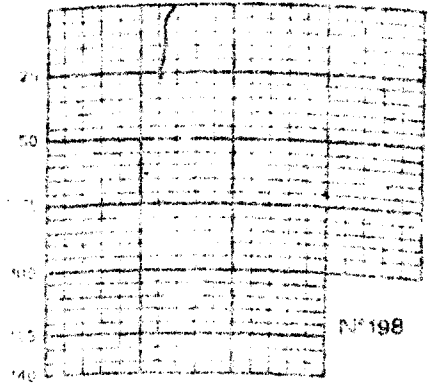
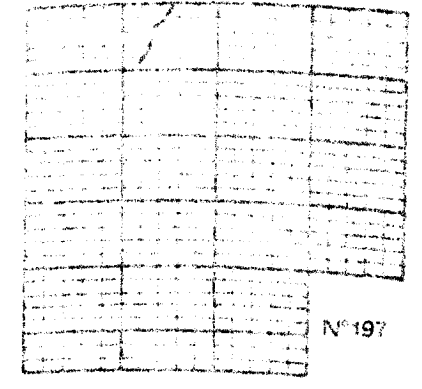
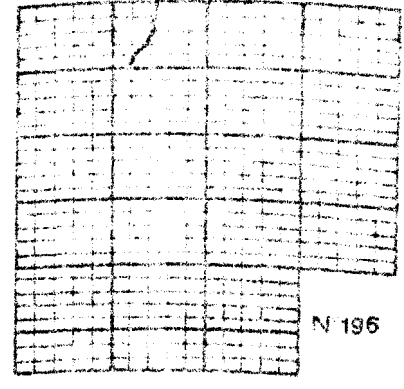
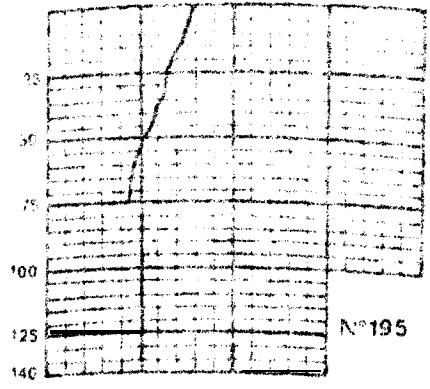
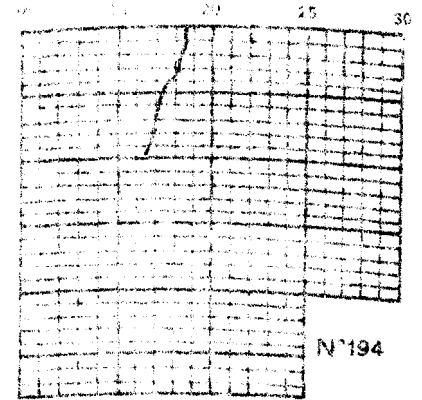
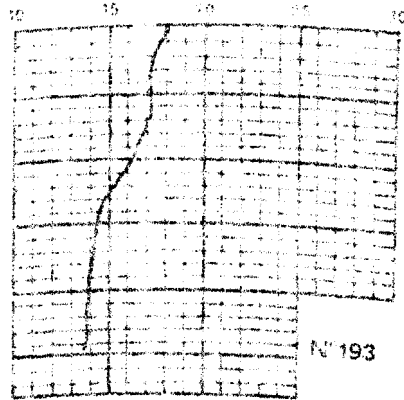
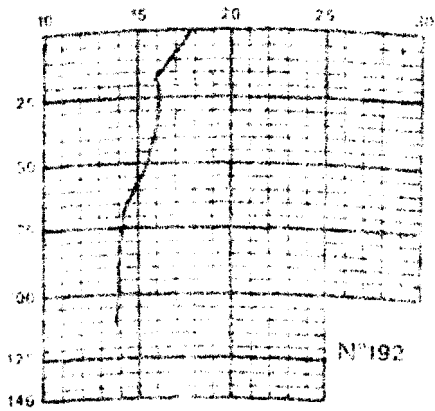


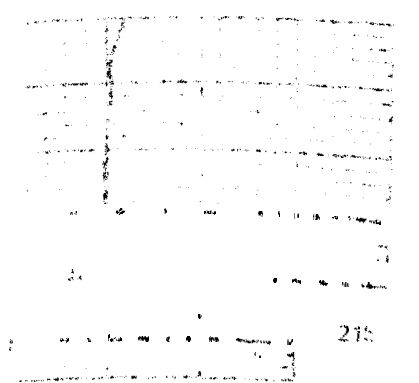
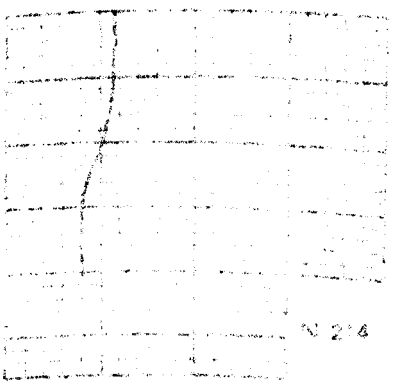
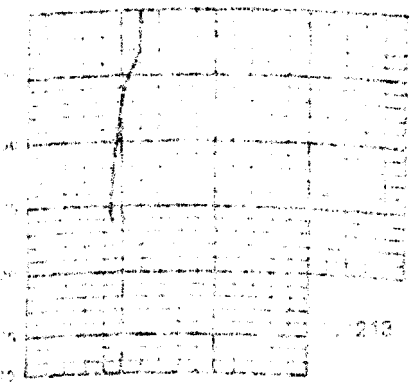
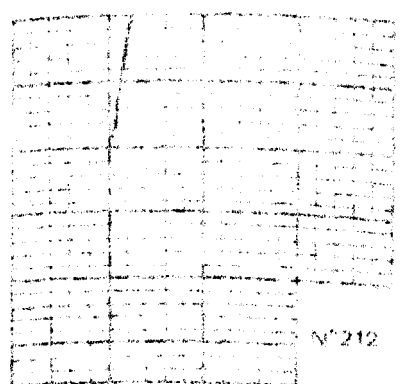
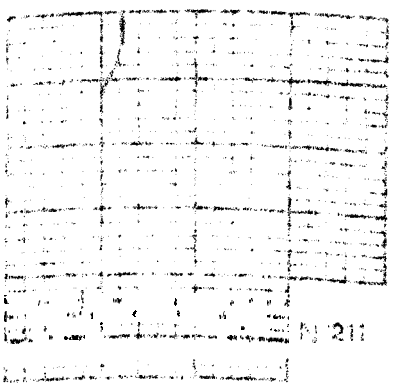
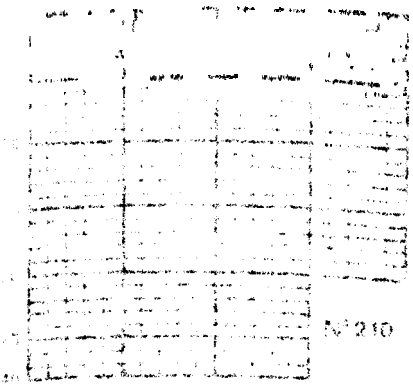
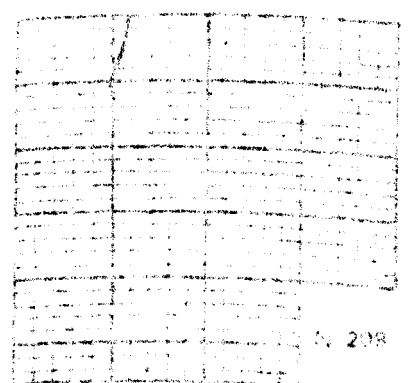
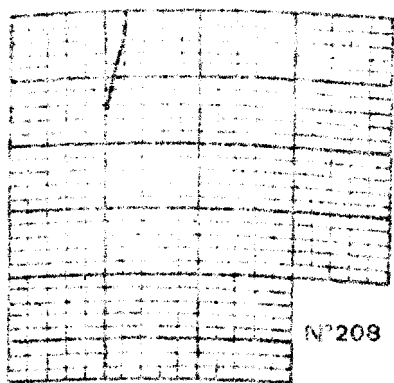
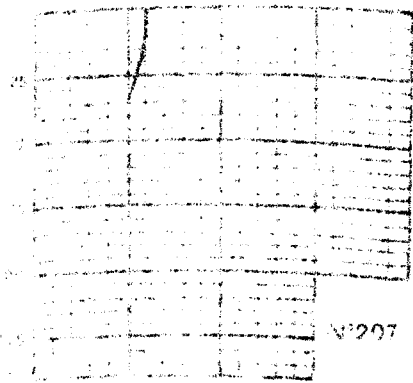
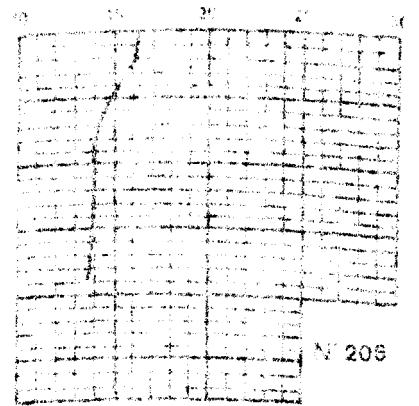
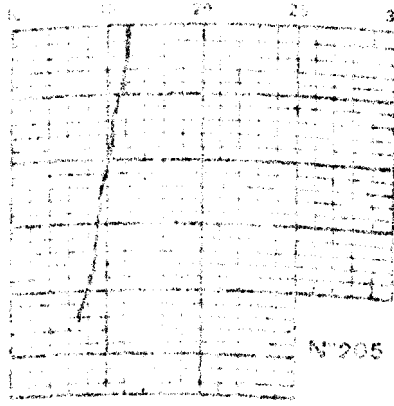
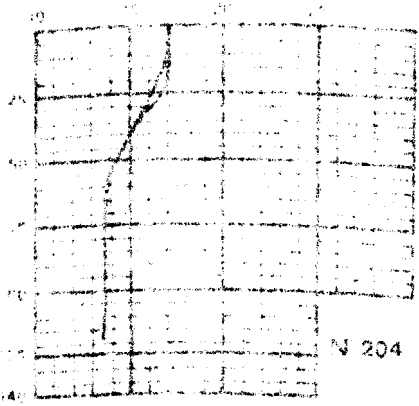




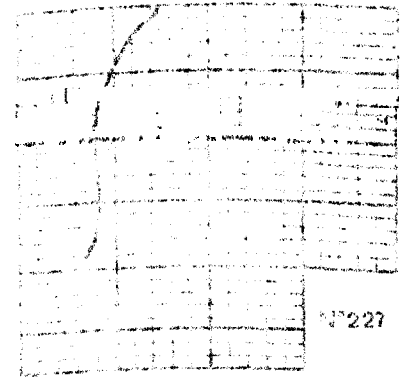
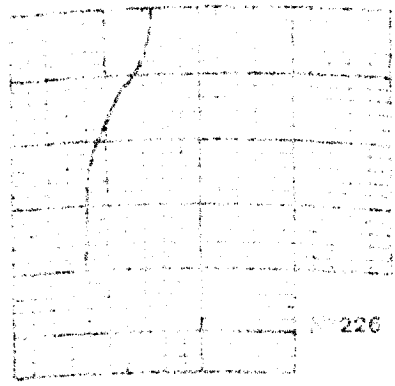
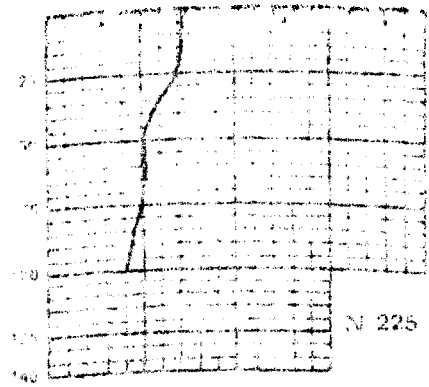
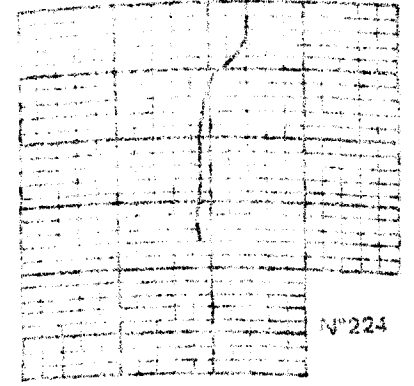
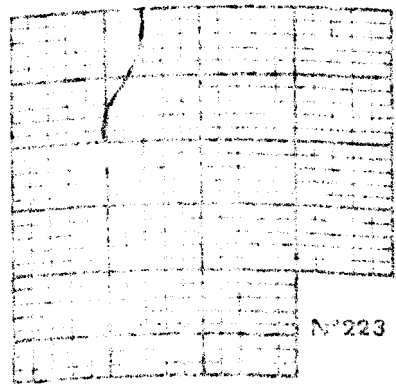
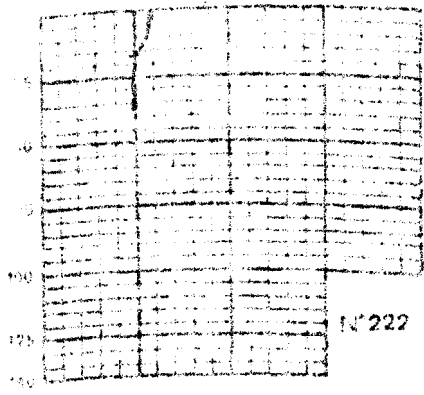
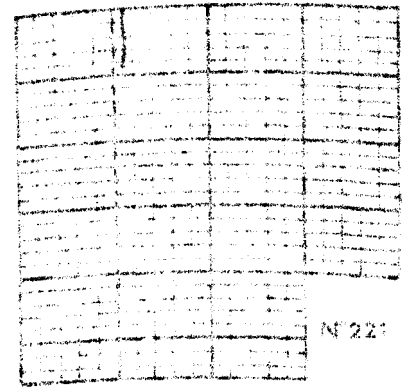
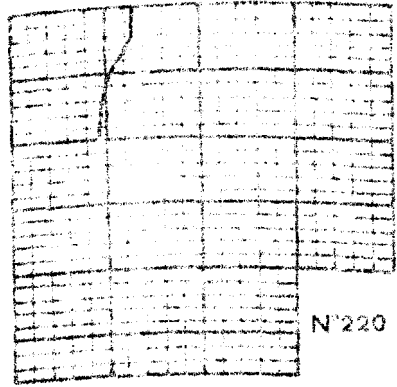
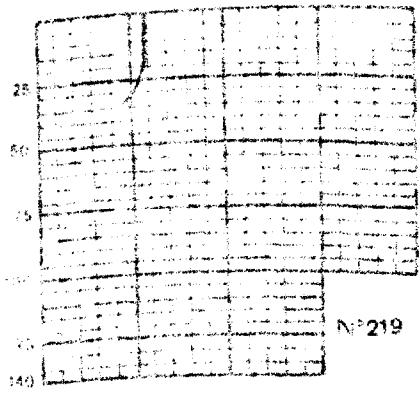
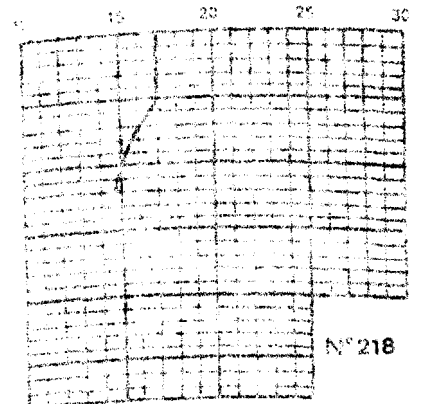
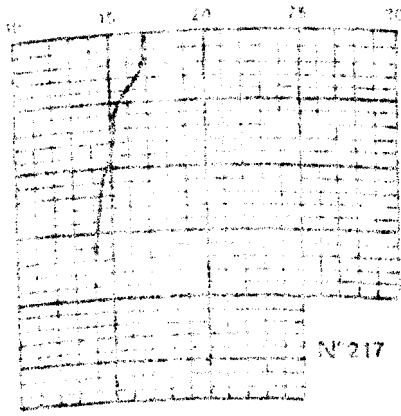
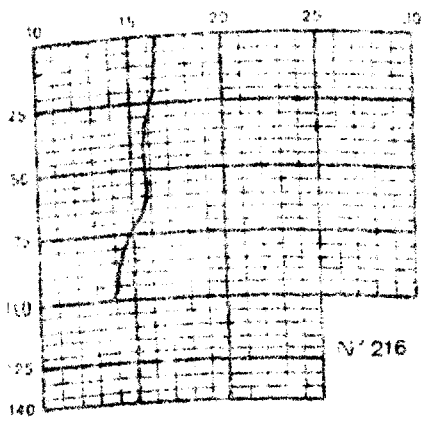




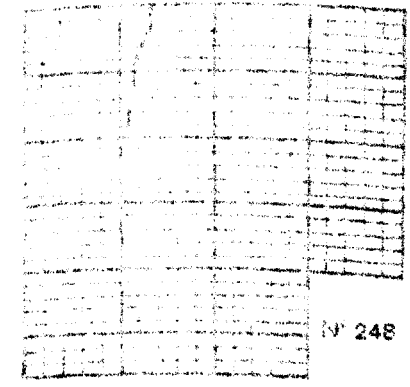
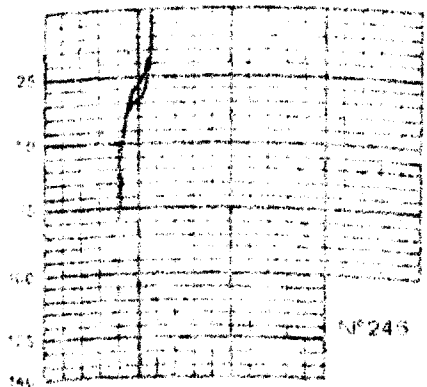
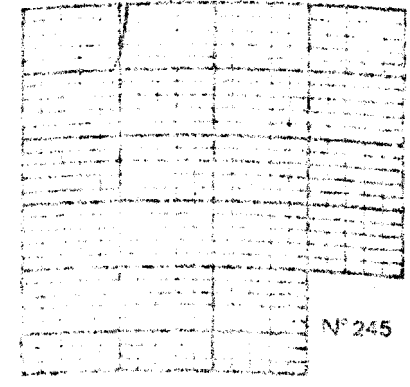
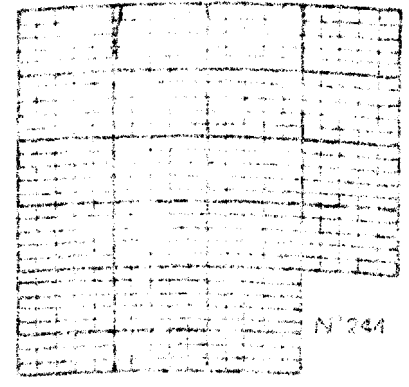
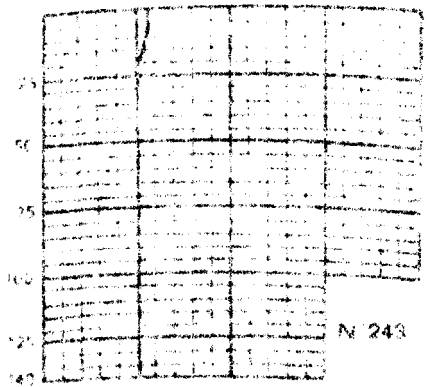
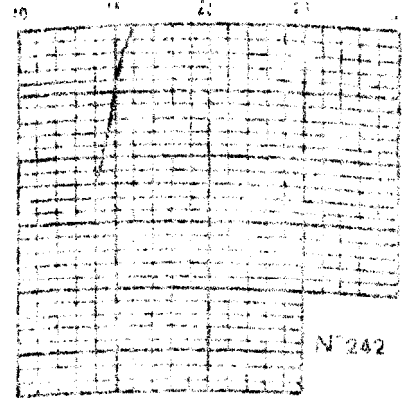
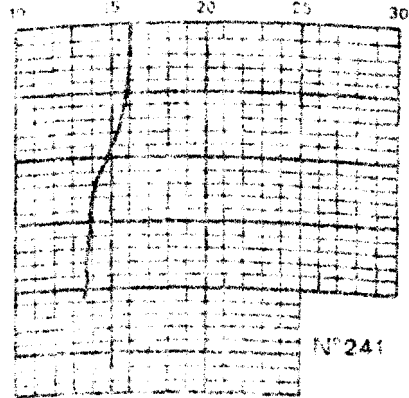
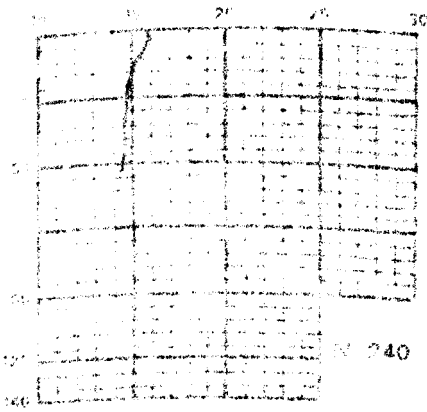


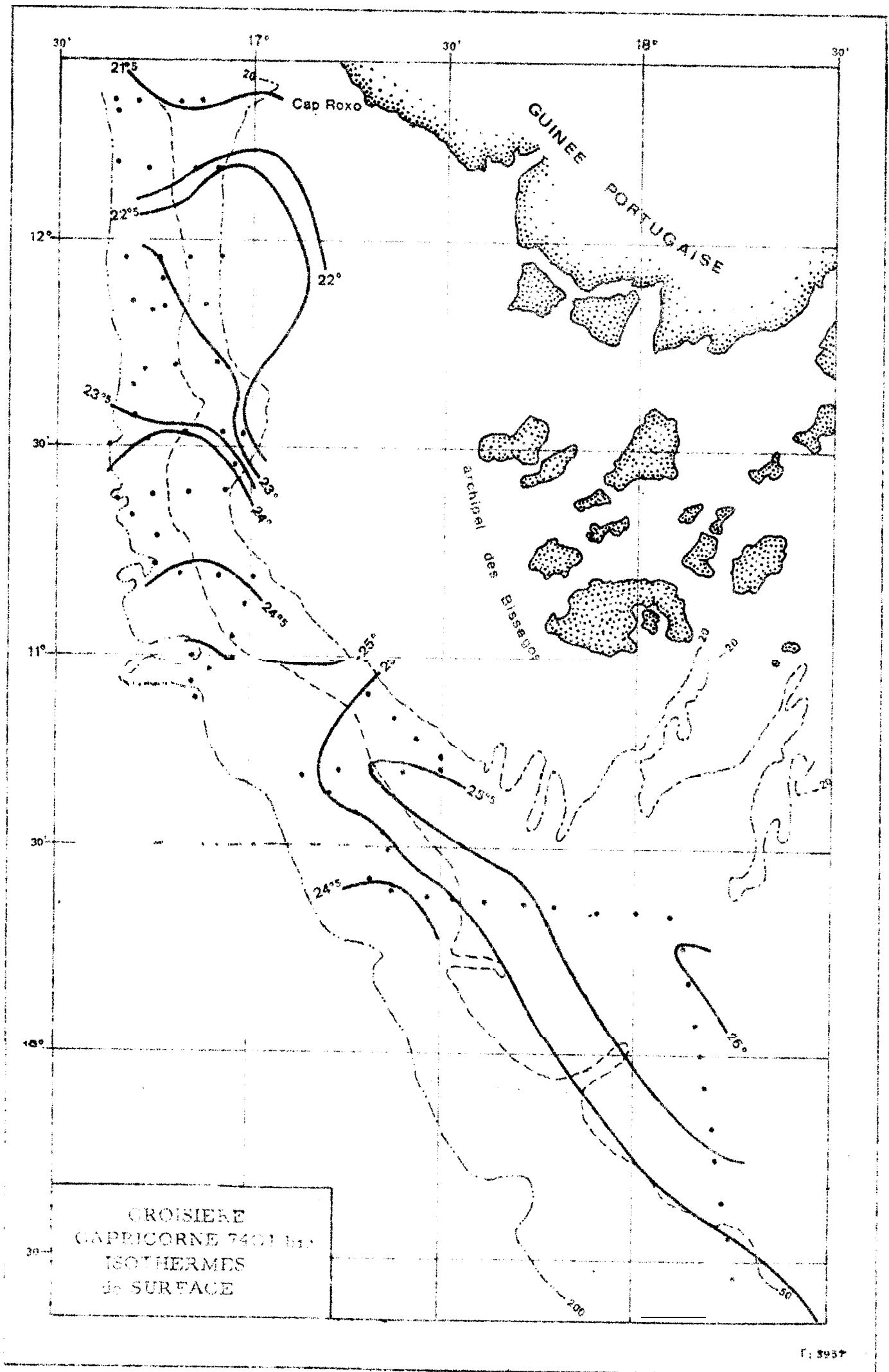


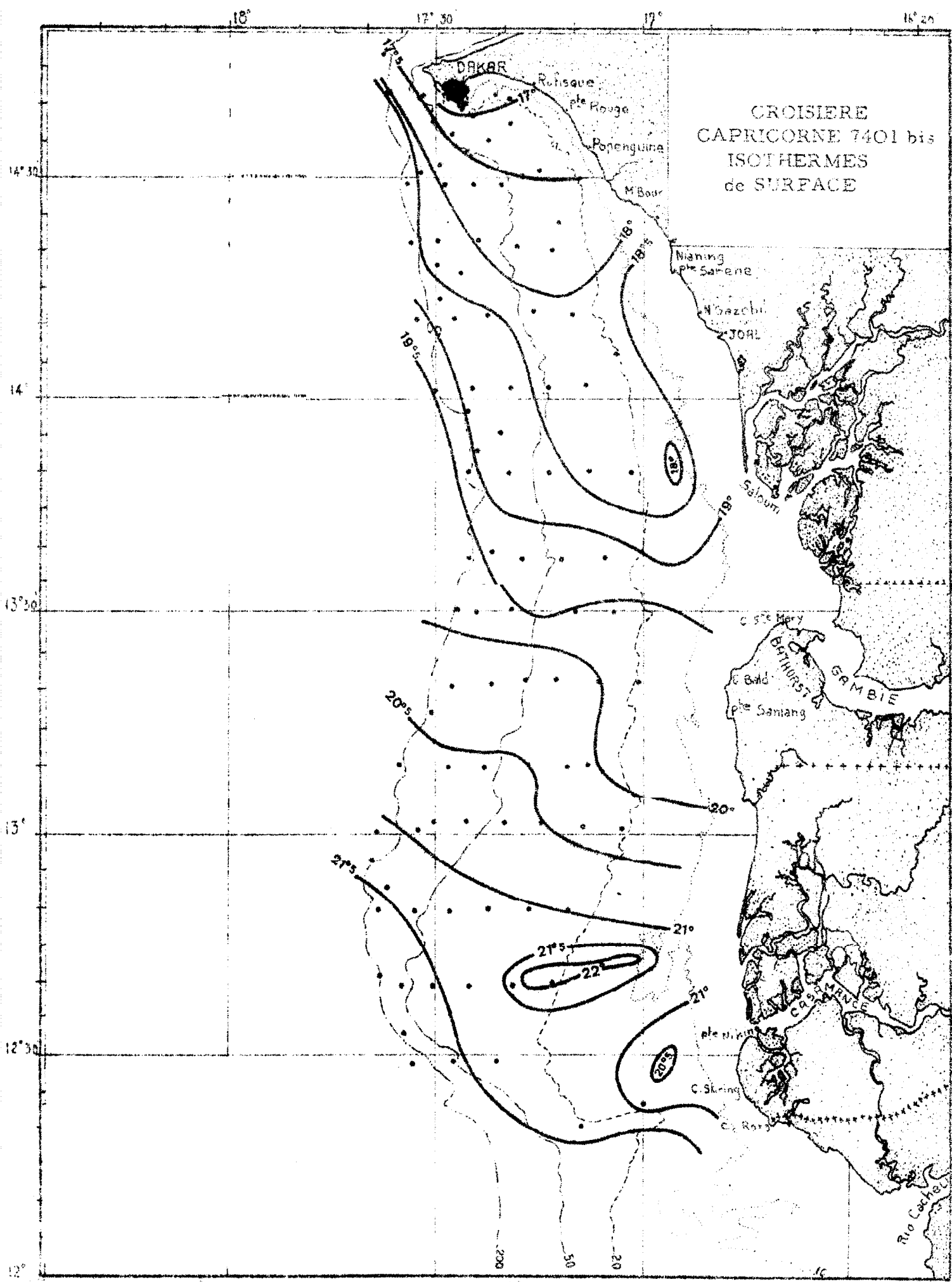
RR 11011



RR 1101







CROISIÈRE CAPRICORNE 7401 bis
ISOTHERMES de SURFACE

DAKAR
 Pointe Rouge
 Pointe de la Pêche
 Pointe de la Liberté
 Pointe de la République
 Pointe de la Solidarité
 Pointe de la Sagesse
 Pointe de la Science
 Pointe de la Vérité
 Pointe de la Justice
 Pointe de la Paix
 Pointe de l'Espérance
 Pointe de la Foi
 Pointe de la Charité
 Pointe de la Miséricorde
 Pointe de la Grâce
 Pointe de la Gloire
 Pointe de la Honneur
 Pointe de la Reine
 Pointe de la Princesse
 Pointe de la Duchesse
 Pointe de la Comtesse
 Pointe de la Marquise
 Pointe de la Vicomtesse
 Pointe de la Baronne
 Pointe de la Comtesse
 Pointe de la Marquise
 Pointe de la Vicomtesse
 Pointe de la Baronne

Nianing
 Pointe de la Sagesse
 Pointe de la Science
 Pointe de la Vérité
 Pointe de la Justice
 Pointe de la Paix
 Pointe de l'Espérance
 Pointe de la Foi
 Pointe de la Charité
 Pointe de la Miséricorde
 Pointe de la Grâce
 Pointe de la Gloire
 Pointe de la Honneur
 Pointe de la Reine
 Pointe de la Princesse
 Pointe de la Duchesse
 Pointe de la Comtesse
 Pointe de la Marquise
 Pointe de la Vicomtesse
 Pointe de la Baronne

C. Ste Mary
 BATHURST
 C. Bald
 Pointe de la Sagesse
 GAMBIE

Pointe de la Sagesse
 Pointe de la Science
 Pointe de la Vérité
 Pointe de la Justice
 Pointe de la Paix
 Pointe de l'Espérance
 Pointe de la Foi
 Pointe de la Charité
 Pointe de la Miséricorde
 Pointe de la Grâce
 Pointe de la Gloire
 Pointe de la Honneur
 Pointe de la Reine
 Pointe de la Princesse
 Pointe de la Duchesse
 Pointe de la Comtesse
 Pointe de la Marquise
 Pointe de la Vicomtesse
 Pointe de la Baronne

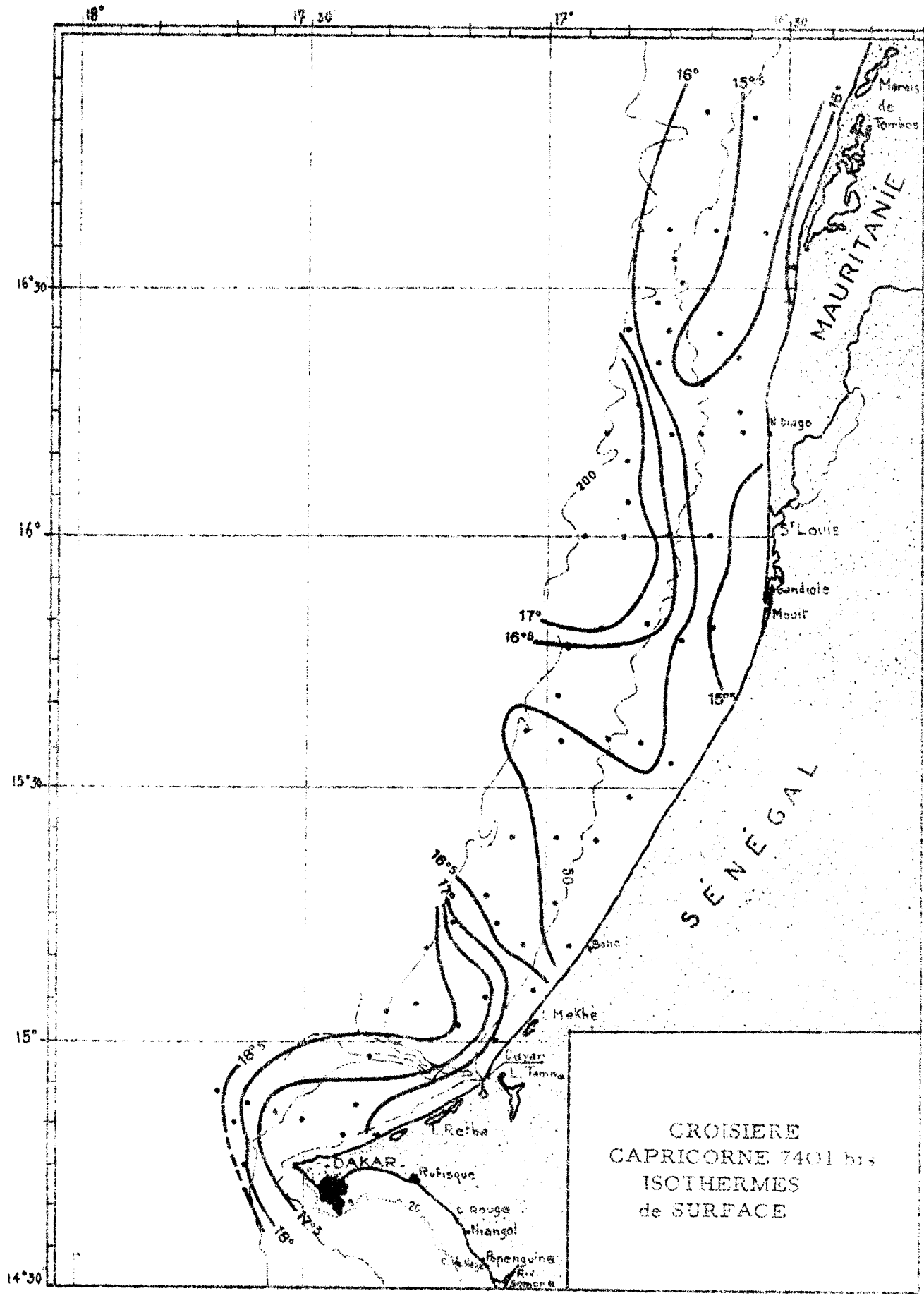
Rio Casamansa
 Rio Casamansa

200

50

20

16



"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				