

00000896

Gouvernement de la République du Sénégal.

Ministère du Développement Rural.

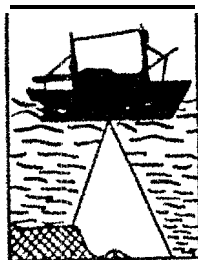
Service de l'océanographie et des Pêches Maritimes

OBSERVATIONS **OCEANOGRAPHIQUES** **EFFECTUÉES EN 1969**

II • Observations de Surface et de Fond

• Bathythermogrammes

J. L. CREMOUX



OFFICE DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE OUTRE-MER

CENTRE DE RECHERCHES OCEANOGRAPHIQUES DE DAKAR-THIAROYE

AOÛT 1970

DSP N° 25

REPUBLIQUE DU SENEGAL
=====

MINISTERE DU DEVELOPPEMENT RURAL
=====

OFFICE DE LA RECHERCHE
=====

SCIENTIFIQUE ET TECHNIQUE OUTRE MER
=====

OBSERVATIONS OCEANOGRAPHIQUES EFFECTUEES
=====

EN 1969

II-OBSERVATIONS DE SURFACE ET DE FOND

-BATHYTHERMOGRAMMES

par

J.L CREMOUX

Assistant physicien de l'O.R.S.T.O.M

avec la collaboration de J.DIARRA

Technicien du Projet

(Les données présentées dans cette publication ont été récoltées à bord du "Laurent Amaro" en coopération avec le Projet SF FAO SEN.264/8 "Etude et Mise en valeur des ressources en poissons pélagiques).

CENTRE DE RECHERCHES OCEANOGRAPHIQUES
=====

D.E.--- DAKAR-THIA ROYE - - - -

(Sénégal)

DSP n° 25 - AOÛT 1970
=====

Ce volume regroupe :

- Le:; observations effectuées lors des campagnes de chalutage sur le plateau continental sénégalais. En particulier sur les radiales, de chalutage de référence de M'Bour (15°12'N) et de Roxo (12°24'N).

- Le:; relevés bathythermiques reproduits selon la méthode décrite dans le document D.S.P N°18 (G.R BERRIT, R. GERARD, L. VERCESI) du Centre de Recherches Océanographiques d'Abidjan.

Les bathythermographes suivants furent employés :

LL	04370	0 à 60 m	Wallace & Tiernan
J	1599	0 à 275 m	TSE
HH	10683	0 à 275 m	Wallace & Tiernan
PP	13138	0 à 275 m	Wallace & Tiernan
B	883	0 à 140 m	S.G Brown
B	908	0 à 280 m	S.G Brown

OBSERVATIONS DE SURFACE ET DE FOND

Date : 16.1.69 Heure : 08H.35
Positions : 15°12'N et Sonde : 20 m
16°55'W Secchi : 1,50 m

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	16.80	35.54	25.99	2.41	44
Fond	16.24	35.54	26.12	1.50	27

Date : 16.1.69 Heure : 15H.45
Positions : 15°14'N et Sonde : 35 m
16°57'W Secchi : 3,50 m

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	17.63	35.54	25.79	3.17	58
Fond	15.40	35.48	26.27	1.34	24

Date : 16.1.69 Heure : 20H.25
Positions : 15°15'N et Sonde : 50 m
16°58'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	17.71	35.55	25.78	3.28	61
Fond	14.97	35.48	26.36	1.49	26

Date : 17.1.69 Heure : 06H.55
Positions : 15°15'N et Sonde : 75 m
17°00'W Secchi : -
N° BT : 69004

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	17.74	35.52	25.75	3.69	68
Fond	-	35.49	-	1.47	-

Date : 17.1.69 Heure : 10H.10
Positions : 15°18'N et Sonde : 119 m
17°07'W Secchi : 11,50
N° BT : 69005

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	18.69	35.73	25.67	3.96	75
Fond	14.16	35.42	26.49	1.65	28

Date : 17.1.69 Heure : 13H.10
Positions : 15°21'N et Sonde : 280 m
17°10'W Secchi : 9,50 m
N° BT : 69006

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	19.70	35.79	25.46	4.49	86
Fond	13.11	-	-	-	-

Date : 17.1.69 Heure : 18H.35
Positions : 15°32'N et Sonde : 185 m
17°05'W Secchi : 9,50 m
N° BT : 69007

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	20.07	35.84	25.40	5.86	110
Fond	13.03	35.38	26.69	1.77	30

Date : 17.1.69 Heure : 22H.30
Positions : 15°31'N et Sonde : 116 m
17°02'W Secchi : -
N° BT : 69008

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
O	18.84	35.75	25.65	5.36	101
Fond	13.50	35.50	26.69	1.50	25

Date : 18.1.69 Heure : 01H.10
 Positions : 15°29'N et Sonde : 76 m
 16°56'W Secchi : -
 N° BT : 69,009

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.74	f35.4	i25.67	3.93	73
Fond	14.70	35.47	26.72	1.79	31

Date : 18.1.69 Heure : 18H.12
 Positions : 15°39'N et Sonde : 40 m
 16°47'W Secchi : 8.50 m

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.98	35.84	25.43	5.73	111
Fond	15.89	35.55	26.21	1.33	24

Date : 18.1.69 Heure : 06H.40
 Positions : 15°30'N et Sonde : 50 m
 16°53'W
 N° BT : 69010

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.48	i35.47	i25.78	3.63	67
Fond	15.04	f35.48	f26.35	1.36	24

Date : 18.1.69 Heure : 19H.30
 Positions : 15°43'N et Sonde : 52m
 16°48'W
 N° BT : 69011

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	20.03	35.87	25.44	6.77	131
Fond	15.43	35.53	26.29	1.37	24

Date : 18.1.69 Heure : 12H.00
 Positions : 15°30'N et Sonde : 35 m
 16°50'W Secchi : 6 m

	T°	s ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.84	f35.76	i25.66	5.01	95
Fond	16.40	35.60	26.13	2.21	40

Date : 19.1.69 Heure : 08H.15
 Positions : 16°02'N et Sonde : 15 m
 16°33'W Secchi : 4 m

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	16.05	35.56	26.19	2.69	48
Fond	15.39	35.53	26.30	1.47	26

Date : 18.1.69 Heure : 13H.30
 Positions : 15°31'N et Sonde : 15 m
 16°44'W Secchi : 3 m

	T°	spc	SigmaT	O ₂ ml/l	% O ₂
0	17.20	35.47	i25.85	3.44	63
Fond	16.32	35.58	26.13	1.09	20

Date : 19.1.69 Heure : 10H.45
 Positions : 16°02'N et Sonde : 35 m
 16°38'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.47	35.67	25.93	3.57	66
Fond	15.40	35.52	26.30	1.37	24

Date : 19.1.69 Heure : 13H.20
Positions : 16°02'N et Sonde : 50 m
16°41'W Secchi : 13 m
N° BT : 69012

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.00	35.82	25.67	4.46	85
Fond	15.34	35.51	26.31	1.36	24

Date : 20.1.69 Heure : 17H.20
Positions : 16°20'N et Sonde : 230 m
16°52'W Secchi : 4,50 m
N° BT : 69016

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	20.33	35.84	25.33	6.73	131
Fond	13.68	35.38	26.56	1.43	24

Date : 19.1.69 Heure : 15H.45
Positions : 16°03'N et Sonde : 75 m
16°55'W Secchi : 12 m
N° BT : 69013

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	20.59	35.87	25.29	6.03	118
Fond	14.71	35.47	26.42	1.44	25

Date : 20.1.69 Heure : 20H.20
Positions : 16°20'N et Sonde : 130 m
16°49'W Secchi : -
N° BT : 69017

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.15	35.77	25.59	5.94	113
Fond	13.66	35.53	26.68	1.72	29

Date : 20.1.69 Heure : 07H.10
Positions : 16°02'N et Sonde : 120 m
16°53'W Secchi : -
N° BT : 69014

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	21.24	36.02	21.22	5.01	99
Fond	13.70	35.50	26.65	1.67	28

Date : 20.1.69 Heure : 22H.30
Positions : 16°23'N et Sonde : 85 m
16°45'W Secchi : -
N° BT : 69018

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.85	35.77	25.67	4.75	90
Fond	13.64	35.46	26.63	1.66	28

Date : 20.1.69 Heure : 10H.45
Positions : 16°02'N et Sonde : 200 m
16°56'W Secchi : 12 m
N° BT : 69015

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	21.54	36.04	25.12	5.09	102
Fond	13.68	35.37	26.55	1.73	29

Date : 21.1.69 Heure : 08H.10
Positions : 16°20'N et Sonde : 50 m
16°40'W Secchi : 7 m
N° BT : 69019

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.54	35.79	25.75	4.57	86
Fond	15.17	35.54	26.36	1.38	24

Date : 21.1.69 Heure : 10H.25
Positions : 16°20'N et Sonde : 25 m
16°37'W Secchi : 7,50 m

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.30	35.76	25.79	4.69	88
Fond	15.68	35.59	26.29	1.54	27

Date : 21.1.69 Heure : 23H.35
Positions : 16°43'N et Sonde : 50 m
16°37'W
N° BT : 69 020

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.85	35.71	25.87	4.83	90
Fond	14.80	35.56	26.46	1.51	27

Date : 21.1.69 Heure : 14H.03
Positions : 16°23'N et Sonde : 13 m
16°30'W Secchi : 2,50 m

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.03	35.64	26.01	3.34	61
Fond	15.93	35.60	26.24	1.52	27

Date : 22.1.69 Heure : 09H.33
Positions : 16°40'N et Sonde : 76 m
16°43'W
N° BT : 69021

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.93	35.72	25.85	4.59	85
Fond	14.78	35.47	26.40	1.61	28

Date : 21.1.69 Heure : 19H.15
Positions : 16°38'N et Sonde : 15 m
16°28'W Secchi : -

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	17.78	35.72	25.89	3.28	61
Fond	15.19	35.62	26.43	1.80	32

Date : 22.1.69 Heure : 10H.20
Positions : 16°41'N et Sonde : 135 m
16°45'W Secchi : 7 m
N° BT : 69022

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.20	35.75	25.81	4.86	91
Fond	13.86	35.48	26.60	1.63	28

Date : 21.1.69 Heure : 21H.
Positions : 16°40'N et Sonde : 25 m
16°33'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.27	35.71	25.76	5.13	96
Fond	15.19	35.58	26.39	1.48	26

Date : 22.1.69 Heure : 14H.42
Positions : 16°41'N et Sonde : 175 m
16°44'W Secchi : 5 m
N° BT : 69023

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.44	35.72	25.73	6.07	116
Fond	13.84	35.41	26.55	1.39	29

Date : 24.2.69 Heure : 07H.00
Positions : 12°10'N et Sonde : 210 m
17°22'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.26	35.58	25.45	6.91	132
Fond	14.76	35.48	26.40	1.87	33

Date : 24.2.69 Heure : 10H.50
Positions : 12°14'N et Sonde : 45 m
17°11'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.42	35.56	25.36	6.57	125
Fond	16.05	35.55	26.18	1.76	31

Date : 24.2.69 Heure : 07H.50
Positions : 12°11'N et Sonde : 120 m
17°20'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.40	35.56	25.37	7.50	143
Fond	14.96	35.49	26.38	1.60	28

Date : 24.2.69 Heure : 12H.00
Positions : 12°17'N et Sonde : 30 m
17°07'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	18.90	35.55	25.48	6.10	115
Fond	16.03	35.52	26.16	1.76	31

Date : 24.2.69 Heure : 08H.20
Positions : 12°12'N et Sonde : 74 m
17°17'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.69	35.57	25.30	6.43	124
Fond	15.35	35.52	26.31	1.35	24

Date : 24.2.69 Heure : 14H.20
Positions : 12°19'N et Sonde : 20 m
17°03'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	19.69	35.55	25.28	7.59	146
Fond	16.35	35.53	26.09	1.07	37

Date : 24.2.69 Heure : 10H.15
Positions : 12°13'N et Sonde : 60 m
17°13'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	20.28	35.53	25.11	6.81	132
Fond	15.04	35.57	26.42	1.36	24

Date : 5.3.69 Heure : 13H.40
Positions : 12°15'N et Sonde : 20 m
17°03'W Secchi : 4 m

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	21.68	35.70	24.86	4.13	82
Fond	17.54	35.54	25.81	1.94	36

Date : 5.3.69 Heure : 22H.50
Positions : 11°58'N et Sonde : 45 m
17°10'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	16.91	35.55	25.97	1.65	30

Date : 5.3.69 Heure : 16H.41
Positions : 12°11'N Sonde : 35 m
17°07'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	17°17	35.54	25.90	1.85	34

Date : 6.3.69 Heure : 01H.15
Positions : 11°55'N et Sonde : 30 m
17°07'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	17°15	35.54	25.91	1.96	36

Date : 5.3.69 Heure : 18H.50
Positions : 12°06'N et Sonde : 42 m
17°11'W Secchi : 3,50 m

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	17.10	35.54	25.92	1.66	30

Date : 6.3.69 Heure : 08H.30
Positions : 11°51'N et Sonde : 15 m
17°04'W Secchi : 3 m

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	19.17	35.41	25.30	2.98	57

Date : 5.3.69 Heure : 21H.00
Positions : 12°03'N et Sonde : 57 m
17°14'W
N° BT : 69051

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	20.53	35.63	125.1,	-	-
Fond	16.56	35.56	26.07	1.52	27

Date : 6.3.69 Heure : 11H.30
Positions : 11°47'N et Sonde : 26 m
17°07'W Secchi : 3,50 m

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	17.37	35.54	25.85	1.81	33

Date : 6.3.69 Heure : 13H.35
Positions : 11°44'N et Sonde : 46 m
17°33'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 17.27	: 35.55	: 25.88	: 1.76	: 32

Date : 6.3.69 Heure : 23H.45
Positions : 11°37'N et Sonde : 35 m
17°04'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 18.48	: 35.52	: 25.57	: 2.50	: 47

Date : 6.3.69 Heure : 15H.50
Positions : 11°39'N et Sonde : 60 m
17°12'W Secchi : 5 m

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 17.35	: 35.55	: 25.87	: 1.94	: 36

Date : 7.3.69 Heure : 01H.00
Positions : 11°32'N et Sonde : 40 m
17°08'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 18.38	: 35.54	: 25.60	: 2.54	: 48

Date : 6.3.69 Heure : 17H.00
Positions : 11°42'N et Sonde : 79 m
17°15'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 17.19	: 35.55	: 25.91	: 2.04	: 37

Date : 7.3.69 Heure : 08H.45
Positions : 11°28'N et Sonde : 30 m
17°05'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 19.24	: 35.52	: 25.38	: 3.17	: 60

Date : 6.3.69 Heure : 20H.50
Positions : 11°36'N et Sonde : 43 m
17°07'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 17.98	: 35.53	: 25.69	: 2.13	: 40

Date : 7.3.69 Heure : 11H.00
Positions : 11°24'N et Sonde : 18 m
17°02'W

T°	S ‰	SigmaT	C _{2ml/1}	% O ₂
Fond : 19.69	: 35.50	: 25.24	: 3.58	: 69

Date : 7.3.69 Heure : 13H.00
Positions : 11°15'N et Sonde : 30 m
17°05'W

Date : 8.3.69 Heure : 07H.55
Positions : 11°36'N et Sonde : 38 m
17°06'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	18.77	35.53	25.49	2.85	54

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	18.68	35.58	25.56	2.66	50

Date : 7.3.69 Heure : 15H.40
Positions : 11°40'N et Sonde : 60 m
17°08'W Secchi : 6,50m
N° BT : 69052

Date : 8.3.69 Heure : 21H.20
Positions : 11°49'N Sonde : 50 m
et 17°11'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	21.47	35.45	24.73	5.86	116
Fond	18.12	35.56	25.68	2.32	43

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	17.75	35.55	25.77	1.82	34

Date : 7.3.69 Heure : 18H.25
Positions : 11°02'N et Sonde : 250 m
17°10'W Secchi : 9 m
N° BT : 69053

Date : 8.3.69 Heure : 21H.20
Positions : 12°01'N et Sonde : 20 m
17°06'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	21.49	35.47	24.74	5.05	100
Fond	13.44	35.45	26.67	1.71	29

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	18.31	35.52	25.61	2.07	39

Date : 7.3.69 Heure : 23H.50
Positions : 11°19'N et Sonde : 47 m
17°51'W

Date : 8.3.69 Heure : 17H.15
Positions : 12°24'N et Sonde : 30 m
17°17'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	17.79	35.55	25.76	2.07	38

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
Fond	17.37	35.55	25.86	1.69	31

Date : 8.3.69 Heure : 19H.45
Positions : 12°31'N et Sonde : 40 m
17°25'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
Fond	17.18	35.61	25.96	1.77	32

Date : 18.4.69 Heure : 10H.00
Positions : 11°38'N et Sonde : 75 m
17°15'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
Fond	19.41	35.59	25.39	1.75	33

Date : 9.3.69 Heure : 12H.30
Positions : 13°52'N et Sonde : 300 m
17°27'W Secchi : 10 m

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
0	18.09	35.53	25.67	5.49	102
Fond	12.50	35.30	26.74	1.69	28

Date : 19.4.69 Heure : 13H.10
Positions : 12°14'N et Sonde : 30 m
17°09'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
0	24.68	-	-	7.33	-
Fond	20.86	35.61	25.01	1.82	36

Date : 23.4.69 Heure : 07H.45
Positions : 15°15'N et Sonde : 50 m
16°58'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
Fond	18.11	35.90	25.94	3.56	66

Date : 23.4.69 Heure : 10H.15
Positions : 15°17'N et Sonde : 55 m
16°58'W

	T°	S ‰	SigmaT:0	2ml/1	% O ₂
Fond	18.03	35.63	25.76	3.38	63

Date : 23.4.69 Heure : 11H.55
Positions : 15°16'N et Sonde : 45 m
 16°57'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	18.33	35.65	25.69	3.50	66

Date : 24.4.69 Heure : 15H.30
Positions : 15°18'N et Sonde : 75 m
 17°01'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	18.16	35.60	25.70	2.68	50

Date : 23.4.69 Heure : 13H.35
Positions : 15°16'N et Sonde : 40 m
 16°56'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	18.48	35.65	25.66	3.88	73

Date : 24.4.69 Heure : 19H.30
Positions : 15°23'N et Sonde : 200 m
 17°08'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	20.68	35.74	25.16	5.30	104

Date : 23.4.69 Heure : 15H.15
Positions : 15°15'N et Sonde : 30 m
 16°56'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	18.74	35.66	25.60	3.92	74

Date : 23.4.69 Heure : 17H.15
Positions : 15°15'N et Sonde : 18 m
 16°54'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
Fond	19.88	35.66	25.31	4.59	87

Date : 11.9.69 Heure : 07H.15
Positions : 15°15'N et Sonde : 50 m
16°58'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	26.69	35.08	22.24	4.35	98
Fond	16.36	35.58	26.13	1.32	24

Date : 11.9.69 Heure : 15H.35
Positions : 15°13'N et Sonde : 20 m
16°55'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	29.40	34.86	21.84	4.27	98
Fond	28.32	35.18	22.44	3.76	84

Date : 11.9.69 Heure : 9H.26
Positions : 15°15'N et Sonde : 45 m
16°57'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	28.76	35.10	22.24	4.33	98
Fond	16.52	35.58	26.08	1.34	24

Date : 11.9.69 Heure : 17H.30
Positions : 15°13'N et Sonde : 15 m
16°55'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	29.07	34.75	21.57	4.01	96
Fond	28.09	35.16	22.51	2.59	80

Date : 11.9.69 Heure : 11H.20
Positions : 15°14'N et Sonde : 40 m
16°57'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	29.21	34.83	21.89	4.23	96
Fond	17.72	35.60	25.81	1.60	30

Date : 12.9.69 Heure : 07H.35
Positions : 15°17'N et Sonde : 55 m
16°58'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	28.70	34.84	22.07	4.13	93
Fond	17.66	35.50	25.83	1.50	28

Date : 11.9.69 Heure : 13H.41
Positions : 15°14'N et Sonde : 30 m
16°58'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	29.41	34.84	21.83	4.23	97
Fond	26.06	35.40	23.33	3.01	65

Date : 12.9.69 Heure : 09H.21
Positions : 15°17'N et Sonde : 60 m
16°59'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	28.67	34.75	22.00	3.41	75
Fond	25.74	35.73	23.31	1.59	34

Date : 12.9.69 Heure : 11H.50
Positions : 15°19'N et Sonde : 75 m
 17°01'W

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
3	29.35	34.91	21.89	4.16	95
Fond	14.66	35.59	26.52	1.42	25

Date : 13.9.69 Heure : 07H.25
Positions : 15°23'N et Sonde : 290 m
 17°13'W
N° BT : 69143

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	28.88	34.65	21.86	4.17	94
Fond	11.69	35.30	26.90	0.51	8

Date : 12.9.69 Heure : 14H.37
Positions : 15°21'N et Sonde : 120 m
 17°06'W
N° BT : 69141

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	29.54	34.58	21.59	4.17	95
Fond	14.98	35.51	26.39	1.34	23

Date : 13.9.69 Heure : 09H.55
Positions : 15°23'N et Sonde : 390 m
 17°14'W
N° BT : 69142

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	28.92	34.78	21.94	4.14	94
Fond	12.35	35.21	26.70	-	-

Date : 12.9.69 Heure : 16H.45
Positions : 15°23'N et Sonde : 200 m
 17°10'W
N° BT : 69142

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	29.53	34.72	21.69	4.20	96
Fond	13.15	35.39	26.68	1.55	26

Date : 13.9.69 Heure : 17H.25
Positions : 16°03'N et Sonde : 300 m
 16°58'W
N° BT : 69145

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	29.37	35.19	22.11	-	-
Fond	12.59	35.39	26.79	1.37	23

Date : 14.9.69 Heure : 08H.05
Positions : 16°02'N et Sonde : 200 m
 16°58'W
N° BT : 69146

	T°	S ‰	SigmaT	σ _t	σ ₂
				2ml/1	‰
0	29.40	35.04	21.98	-	-
Fond	14.94	35.55	26.42	1.92	34

Date : 14.9.69 Heure : 10H.35
 Positions : 16°05'N et Sonde : 120 m
 16°53'W
 N° BT : 69147

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.34	33.05	20.52	4.01	91
Fond	14.43	35.47	26.48	1.41	24

Date : 15.9.69 Heure : 09H.31
 Positions : 16°03'N et Sonde : 30 m
 16°36'W

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.41	33.62	20.91	-	-
Fond	28.49	35.22	22.42	2.65	60

Date : 14.9.69 Heure : 13H.35
 Positions : 16°02'N et Sonde : 75 M
 16°46'W

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.50	33.44	20.74	-	-
Fond	16.12	35.64	25.23	1.15	21

Date : 15.9.69 Heure : 14H.45
 Positions : 15°58'N et Sonde : 20 m
 16°34'W

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.80	33.55	19.74	-	-
Fond	28.82	35.10	22.22	4.22	96

Date : 14.9.69 Heure : 16H.10
 Positions : 16°02'N et Sonde : 50 m
 16°42'W

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.76	33.50	20.71	-	-
Fond	19.88	35.66	25.31	1.56	30

Date : 15.9.69 Heure : 07H.30
 Positions : 16°02'N et Sonde : 40 m
 16°39'W

	T°	S ‰	SigmaT:0	2ml/1	‰ O ₂
O	29.19	33.40	20.83	-	-
Fond	26.32	35.41	23.26	2.89	63

Date : 28.10.69 Heure : 08H.45
Positions : 12°08'N et Sonde : 200 m
17°22'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	28.35	33.28	21.01	4.31	96
Fond	14.48	35.42	26.42	1.59	28

Date : 28.10.69 Heure : 17H.05
Positions : 12°13'N et Sonde : 50 m
17°13'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	27.75	31.62	19.96	4.48	98
Fond	16.51	35.51	26.04	1.36	25

Date : 28.10.69 Heure : 10H.30
Positions : 12°12'N et Sonde : 125 m
17°20'W
N° BT : 69174

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	28.50	33.09	20.82	4.37	97
Fond	114.71	35.45	26.40	1.55	27

Date : 28.10.69 Heure : 19H.00
Positions : 12°11'N et Sonde : 35 m
17°11'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	27.31	31.32	19.87	4.50	97
Fond	17.27	35.44	25.80	1.17	21

Date : 28.10.69 Heure : 12H.10
Positions : 12°08'N et Sonde : 75 m
17°15'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	28.67	32.98	20.68	4.47	100
Fond	15.43	35.50	26.28	1.51	27

Date : 29.10.69 Heure : 09H.10
Positions : 12°13'N et Sonde : 30 m
17°08'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	28.25	30.59	19.03	4.68	102
Fond	18.63	35.26	25.33	1.24	23

Date : 28.10.69 Heure : 14H.55
Positions : 12°12'N et Sonde : 60 m
17°14'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	18.48	32.02	22.90	4.43	85
Fond	16.05	35.51	26.15	1.47	26

Date : 29.10.69 Heure : 11H.20
Positions : 12°14'N et Sonde : 20 m
17°05'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0	28.37	30.25	18.73	4.74	104
Fond	27.50	32.79	20.91	2.16	47

Date : 29.10.69 Heure : 14H.30
Positions : 12°22'N et Sonde : 10 m
16°50'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
O	29.38	28.96	17.79	4.49	101
Fond	29.68	33.33	20.60	3.79	87

Date : 5.11.69 Heure : 08H.10
Positions : 25°16'N et Sonde : 52 m
16°58'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
O	25.76	34.04	22.40	4.42	94
Fond	15.74	35.52	26.23	1.51	27

Date : 5.11.69 Heure : 10H.05
Positions : 15°16'N et Sonde : 45 m
16°57'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
O	25.67	34.17	22.53	4.40	94
Fond	16.60	35.54	26.04	1.30	24

Date : 5.11.69 Heure : 12H.00
Positions : 15°15'N et Sonde : 40 m
16°56'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
O	23.52	34.20	23.19	4.40	90
Fond	15.90	35.53	26.19	1.39	63

Date : 5.11.69 Heure : 14H.30
Positions : 15°14'N et Sonde : 30 m
16°56'W

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
O	25.10	34.56	23.09	4.40	95
Fond	18.47	35.59	25.62	1.89	25

Date : 5.11.69 Heure : 16H.15
Positions : 15°13'N et Sonde : 20 m
16°55'W

Date : 6.11.69 Heure : 12H.10
Positions : 15°16'N et Sonde : 78 m
17°01'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	24.11	35.02	23.65	4.06	84
Fond	20.42	35.59	25.11	2.42	47

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	25.63	34.88	23.08	4.36	93
Fond	15.03	35.48	26.35	1.14	20

Date : 5.11.69 Heure : 17H.50
Positions : 15°13'N et Sonde : 15 m
16°55'W

Date : 6.11.69 Heure : 16H.10
Positions : 15°20'N et Sonde : 120 m
17°13'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	23.98	35.02	23.69	4.03	84
Fond	22.88	35.34	24.25	3.37	69

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	26.34	34.69	22.72	4.35	94
Fond	14.60	35.46	26.43	1.34	23

Date : 6.11.69 Heure : 08H.00
Positions : 12°16'N et Sonde : 55 m
16°59'W

Date : 6.11.69 Heure : 18H.10
Positions : 15°21'N et Sonde : 200 m
17°11'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	25.17	34.99	23.31	4.27	91
Fond	16.30	35.56	26.13	1.41	25

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	26.58	34.61	22.57	4.36	95
Fond	13.86	34.71	26.01	2.04	35

Date : 6.11.69 Heure : 09H.55
Positions : 15°17'N et Sonde : 60 m
16°59'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	25.46	34.90	23.15	4.32	92
Fond	15.64	35.52	26.25	1.30	23

Date : 25.11.69 Heure : 19H.00
 Positions : 12°21'N et Sonde : 20 m
 16°58'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	26.99	31.22	19.90	4.78	103
Fond	24.39	33.07	22.08	2.25	47

Date : 26.11.69 Heure : 07H.57
 Positions : 12°14'N et Sonde : 30 m
 17°08'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	27.26	30.39	19.19	4.12	88
Fond	22.98	34.26	23.41	4.00	81

Date : 26.11.69 Heure : 11H.00
 Positions : 12°13'N et Sonde : 42 m
 17°11'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	27.51	30.50	19.20	4.55	98
Fond	21.82	34.78	24.11	3.91	78

Date : 26.11.69 Heure : 13H.52
 Positions : 12°12'N et Sonde : 52 m
 17°13'W

	T°	S ‰	SigmaT	O ₂ ml/l	% O ₂
0	25.76	30.58	19.80	2.86	60
Fond	19.15	35.33	25.25	1.75	33

Date : 26.11.69 Heure : 15H.52
Positions : 12°12'N et Sonde : 61 m
17°14'W

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	27.94	30.54	19.10	-	-
Fond	18.26	35.43	25.55	1.45	27

Date : 28.11.69 Heure : 14H.12
Positions : 12°13'N et Sonde : 40 m
17°14'W

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	28.49	31.32	19.49	3.40	75
Fond	20.74	35.18	24.72	4.17	81

Date : 26.11.69 Heure : 18H.00
Positions : 12°11'N et Sonde : 75 m
17°15'W

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	28.29	30.39	18.86	4	98
Fond	16.62	35.51	26.01	1.14	21

Date : 28.11.69 Heure : 16H.41
Positions : 12°16'N et Sonde : 30 m
17°08'W

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	28.29	30.39	18.86	4	98
Fond	23.36	34.89	23.77	4.14	7

Date : 26.11.69 Heure : 21H.15
Positions : 12°10'N et Sonde : 120 m
17°18'W
N° BT : 69178

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	27.83	31.01	19.47	4.14	90
Fond	15.52	35.47	26.23	1.05	19

Date : 29.11.69 Heure : 11H.40
Positions : 12°19'N et Sonde : 10 m
16°59'W

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	27.99	30.98	19.41	4.09	89
Fond	26.29	31.84	20.59	-	-

Date : 27.11.69 Beurs : 11H.25
Positions : 12°08'N et Sonde : 200 m
17°22'W
N° BT : 69179

	T°	S ‰	SigmaT	0 _{2ml/1}	% O ₂
0	28.26	31.76	19.90	3.82	84
Fond	14.88	35.48	26.38	3.67	64

Date : 30.11.69 Heure : 08H.05
 Positions : 13°29'N et Sonde : 10 m
 16°53'W

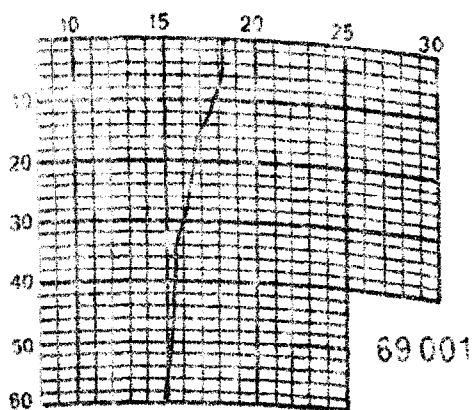
	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0					
Fond	26.30	33.31	21.68	4.22	91

Date : 30.11.69 Heure : 11H.02
 Positions : 13°29'N et Sonde : 20 m
 17°01'W

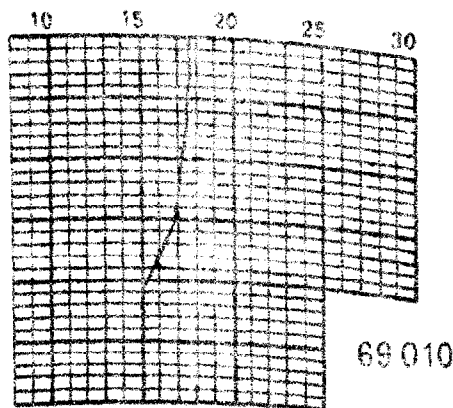
28

	T°	S ‰	SigmaT:0	2ml/l	% O ₂
0					
Fond	24.59	33.84	22.60	4.32	90

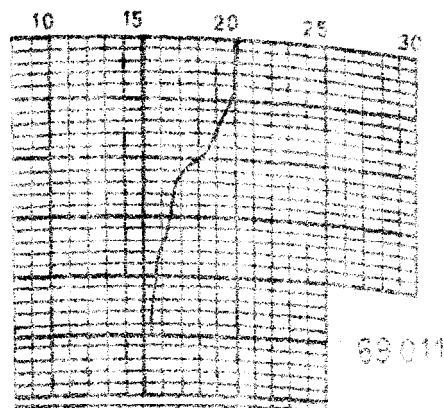
BATHYTHERMOGRAMMES



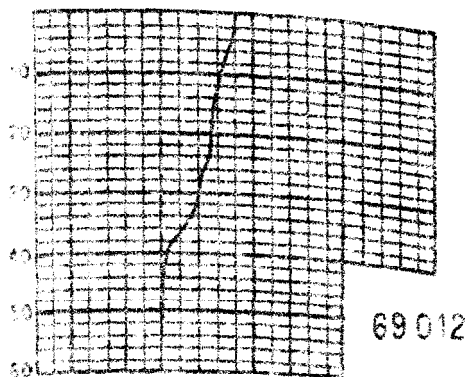
le: 10.1.69 18.00 t.u.
pos: 14° 38' N et 17° 31' W
fond: 65 m
t° 12.04 S‰ 25.55



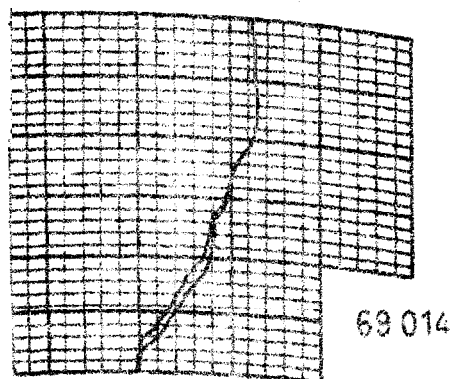
le: 18.1.69 8.40 t.u.
pos: 15° 30' N et 16° 53' W
fond: 50 m
t° 17.48 S‰ 35.47



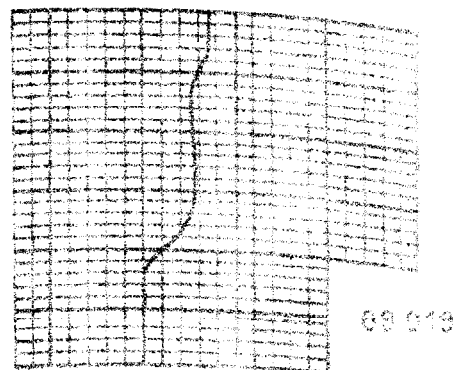
le: 18.1.69 19.30 t.u.
pos: 15° 40' N et 16° 45' W
fond: 52 m
t° 20.03 S‰ 35.81



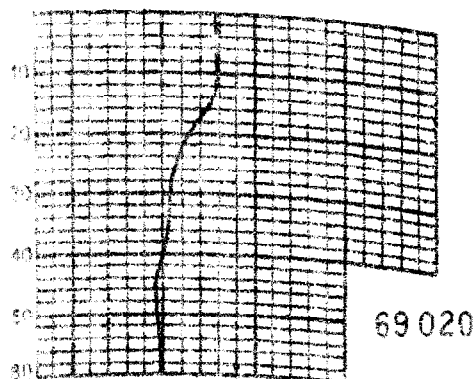
le: 19.1.69 13.20 t.u.
pos: 16° 02' N et 16° 41' W
fond: 50 m
t° 19.09 S‰ 35.82



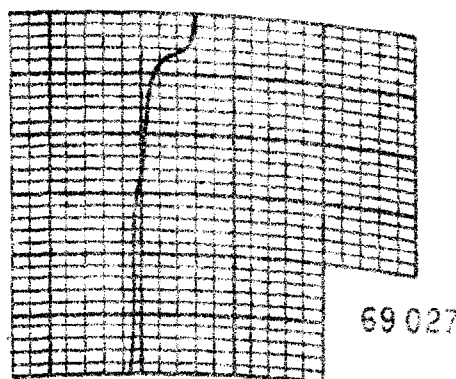
le: 20.1.69 7.10 t.u.
pos: 16° 02' N et 16° 53' W
fond: 120 m
t° 21.24 S‰ 36.02



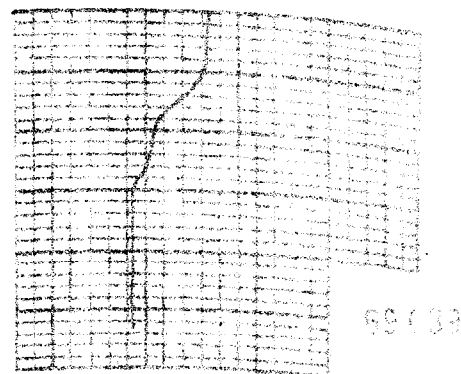
le: 21.1.69 8.10 t.u.
pos: 16° 20' N et 16° 40' W
fond: 50 m
t° 19.54 S‰ 35.79



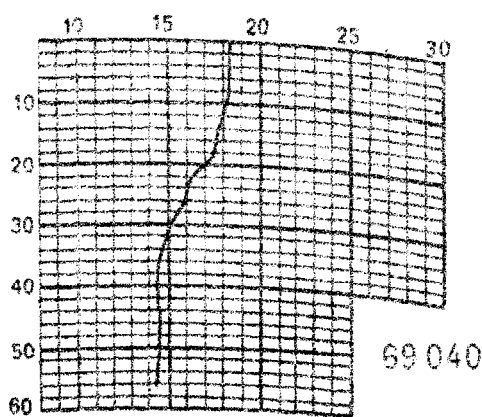
le: 21.1.69 23.35 t.u.
pos: 16° 43' N et 16° 37' W
fond: 50 m
t° 17.85 S‰ 35.71



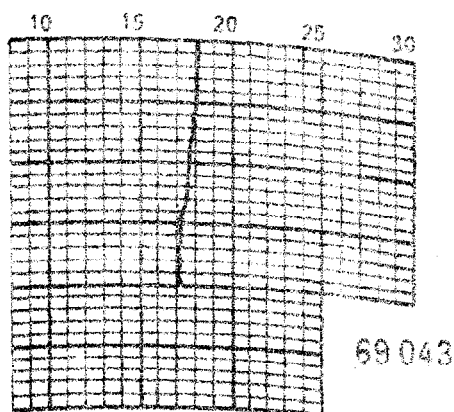
le: 20.2.69 0.50 t.u.
pos: 15° 33' N et 16° 58' W
fond: 65 m
t° 17.63 S‰ —



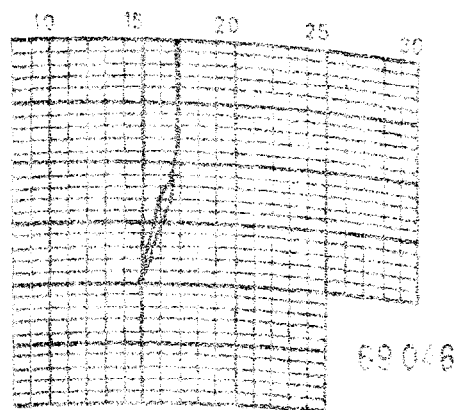
le: 21.2.69 3.50 t.u.
pos: 14° 39' N et 17° 31' W
fond: 55 m
t° 19.26 S‰ 35.73



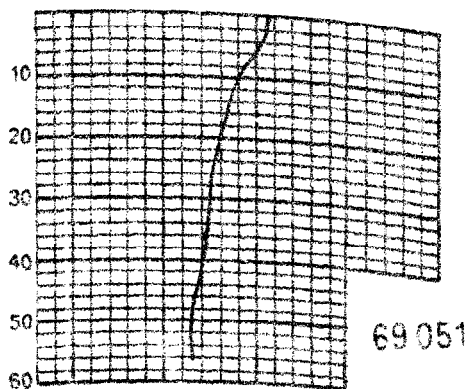
le: 21.2.69 17.50 t.u.
pos: 14° 28 N et 17° 23 W
fond: 60 m
t° 18.24 S‰ 35.70



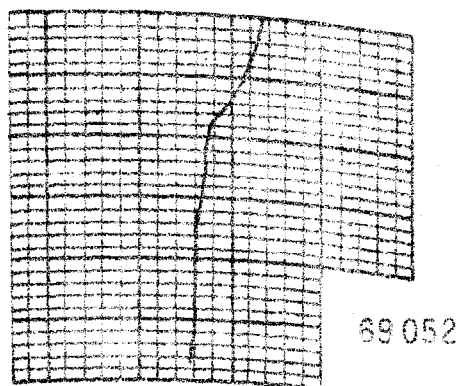
le: 22.2.69 09.25 t.u.
pos: 13° 50 N et 17° 13 W
fond: 40 m
t° 16.01 S‰ 35.54



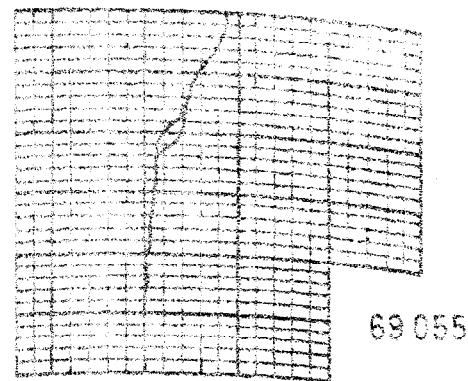
le: 23.2.69 4.38 t.u.
pos: 13° 15 N et 17° 21 W
fond: 55 m
t° 16.84 S‰ 35.50



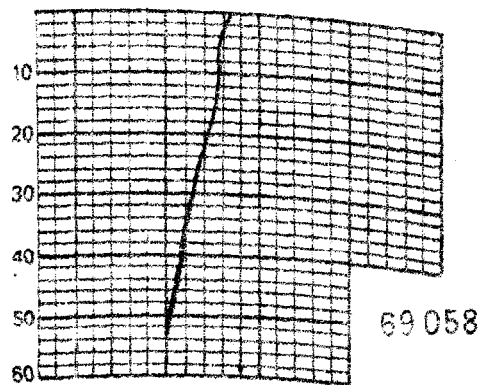
le: 5.3.69 21.00 t.u.
pos: 12° 03 N et 17° 14 W
fond: 57 m
t° 20.53 S‰ 35.63



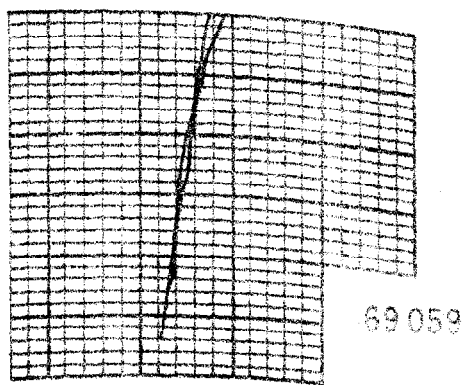
le: 7.3.69 15.40 t.u.
pos: 11° 40 N et 17° 08 W
fond: 60 m
t° 21.49 S‰ 35.45



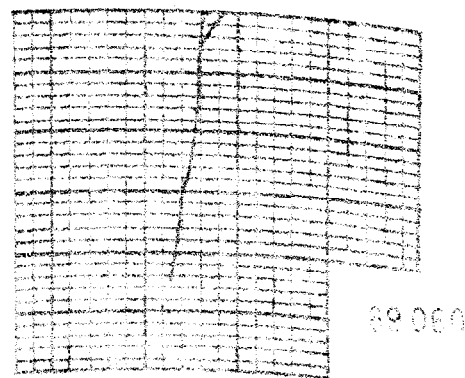
le: 13.3.69 11.00 t.u.
pos: 14° 38 N et 17° 31 W
fond: 50 m
t° 19.22 S‰ 35.81



le: 12.4.69 15.03 t.u.
pos: 15° 54 N et 16° 48 W
fond: 73 m
t° 18.13 S‰ 35.69

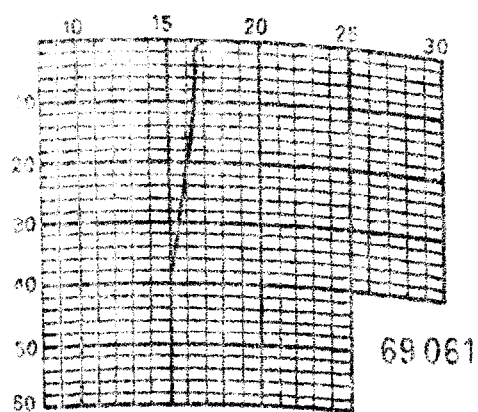


le: 12.4.69 16.25 t.u.
pos: 15° 54 N et 16° 55 W
fond: 102 m
t° 16.70 S‰ 35.78



le: 12.4.69 12.45 t.u.
pos: 15° 54 N et 17° 06 W
fond: 95.6 m
t° 18.19 S‰ 35.72

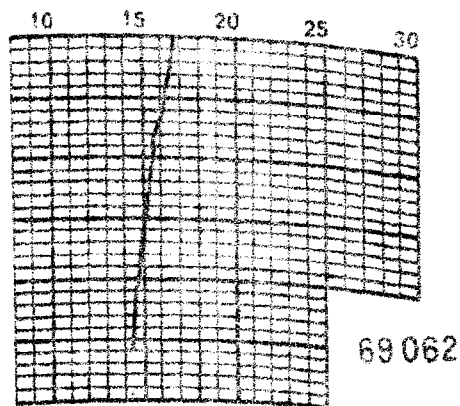
LL 04 370



le : 13.4.69 2.40 t.u.

pos : 15° 33' N et 16° 58' W
fond : 75 m

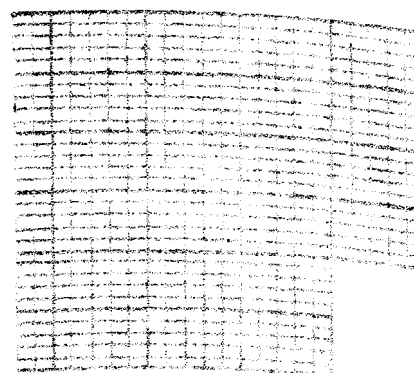
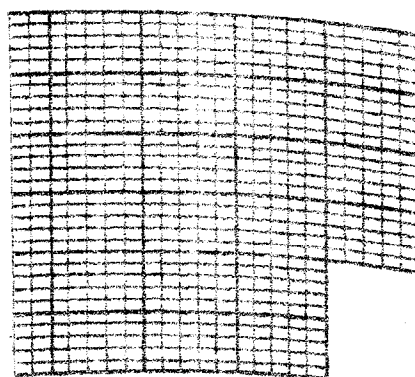
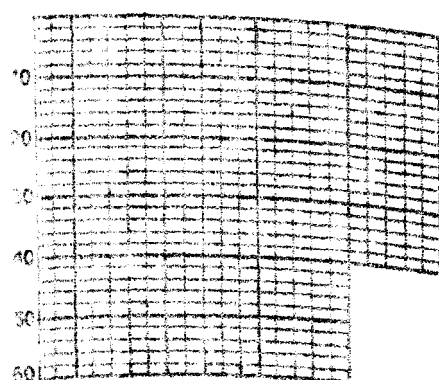
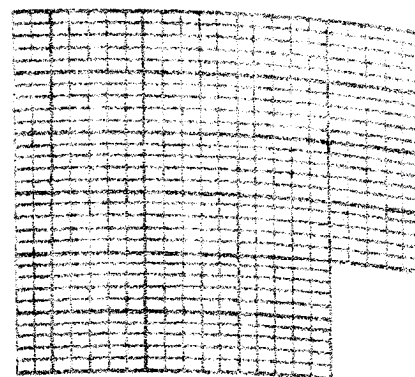
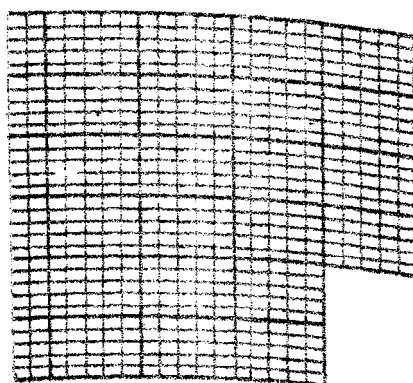
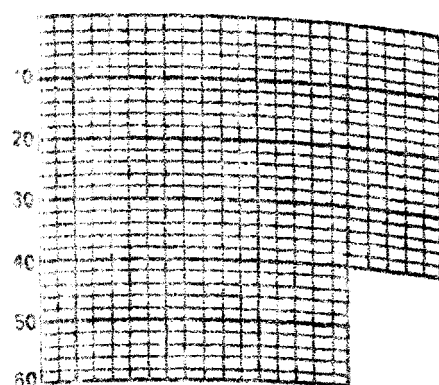
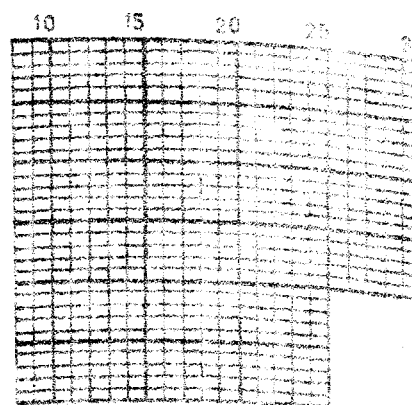
t° 16.73 S/00 35.53

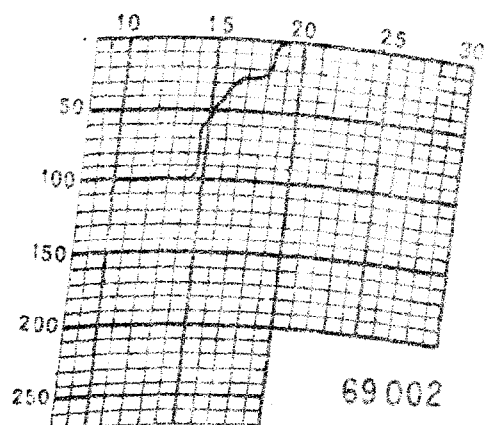


le : 13.4.69 04.00 t.u.

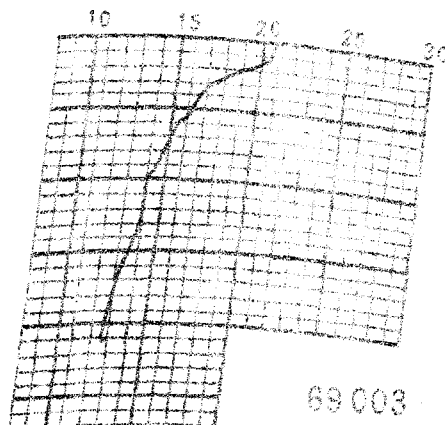
pos : 15° 35' N et 17° 01' W
fond : 108 m

t° 16.42 S/00 35.56

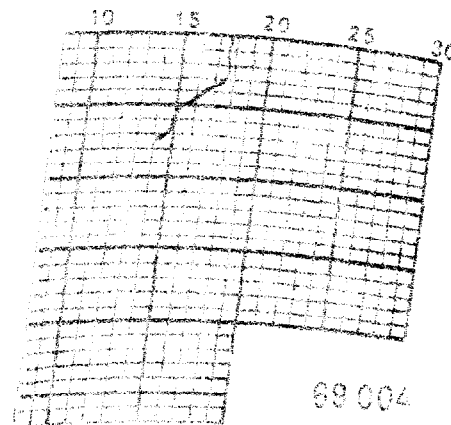




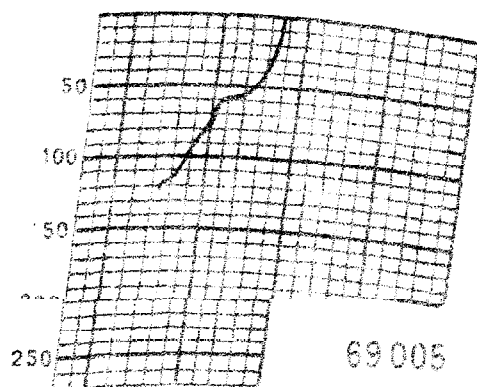
le: 10.1.69 20.45 t.u.
 pos. 14° 40' N et 17° 35' W
 fond: 110 m
 t^0 18.58 S^0_{100} 35.55



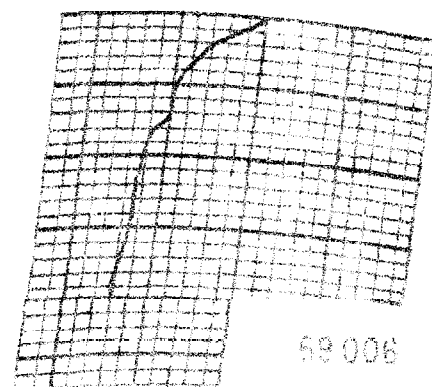
le: 10.1.69 23.10 t.u.
 pos. 14° 43' N et 18° 00' W
 fond: — m
 t^0 20.55 S^0_{100} 35.58



le: 17.1.69 05.55 t.u.
 pos. 15° 15' N et 17° 00' W
 fond: 75 m
 t^0 17.74 S^0_{100} 35.52



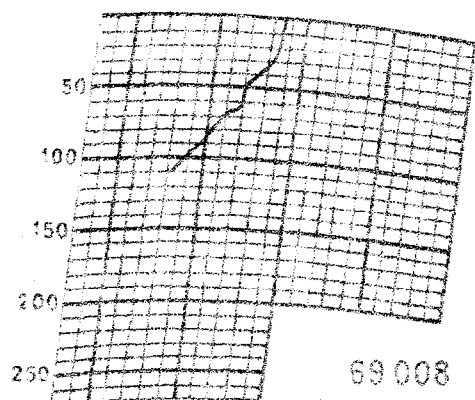
le: 17.1.69 10.30 t.u.
 pos. 15° 18' N et 17° 07' W
 fond: 119 m
 t^0 18.69 S^0_{100} 35.73



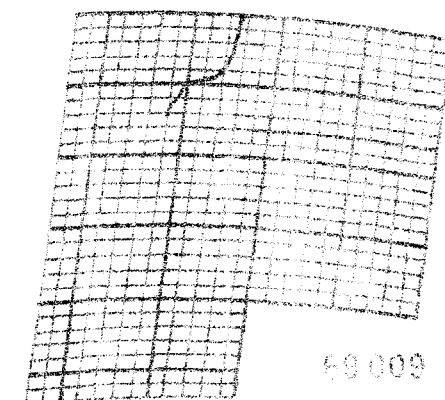
le: 17.1.69 13.10 t.u.
 pos. 15° 21' N et 17° 10' W
 fond: 280 m
 t^0 19.70 S^0_{100} 35.79



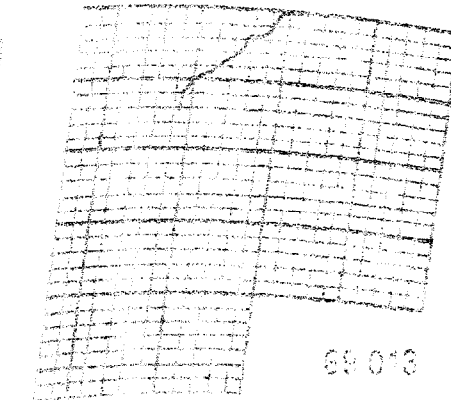
le: 17.1.69 15.50 t.u.
 pos. 15° 32' N et 17° 05' W
 fond: 185 m
 t^0 20.07 S^0_{100} 35.84



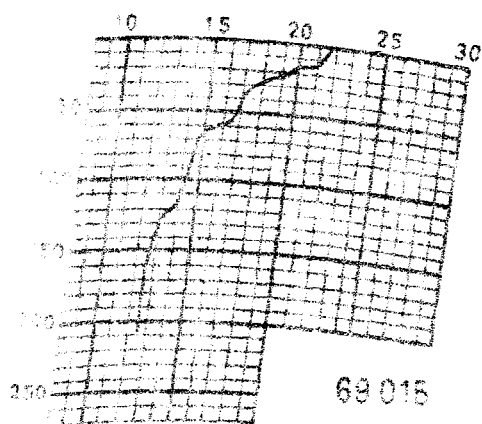
le: 17.1.69 22.30 t.u.
 pos. 15° 31' N et 17° 02' W
 fond: 116 m
 t^0 18.84 S^0_{100} 35.75



le: 18.1.69 1.45 t.u.
 pos. 15° 29' N et 16° 56' W
 fond: 76 m
 t^0 17.74 S^0_{100} 35.41



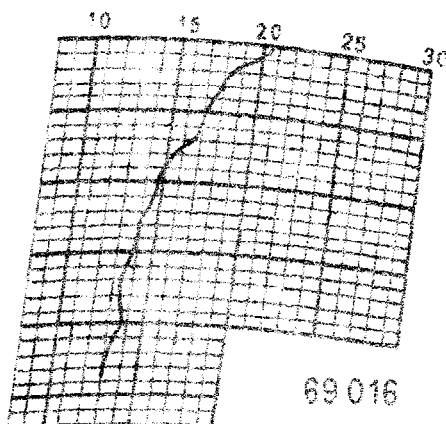
le: 18.1.69 15.43 t.u.
 pos. 15° 33' N et 16° 45' W
 fond: 75 m
 t^0 20.39 S^0_{100} 35.37



le: 20.1.69 10.45 t.u.

pos. 16° 02' N et 16° 56' W
fond: 230 m

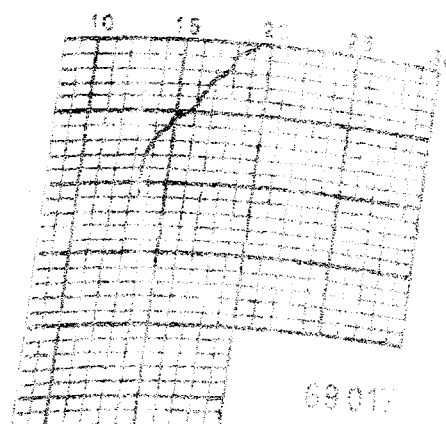
t° 21.64 S‰ 36.04



le: 20.1.69 17.20 t.u.

pos. 16° 20' N et 16° 52' W
fond: 230 m

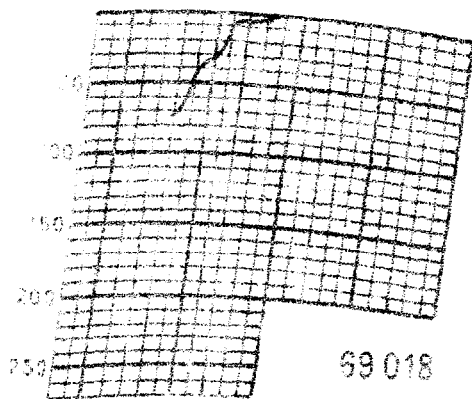
t° 20.23 S‰ 35.84



le: 20.1.69 20.30 t.u.

pos. 16° 20' N et 16° 48' W
fond: 130

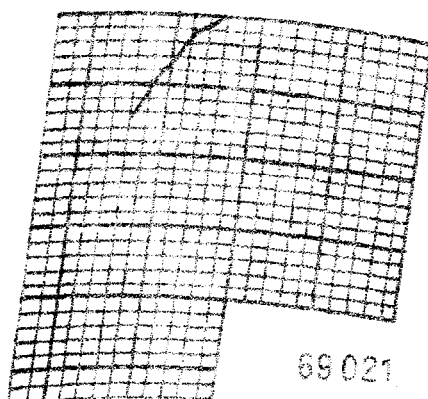
t° 16.15 S‰ 35.77



le: 20.1.69 22.30 t.u.

pos. 16° 22' N et 16° 45' W
fond: 85 m

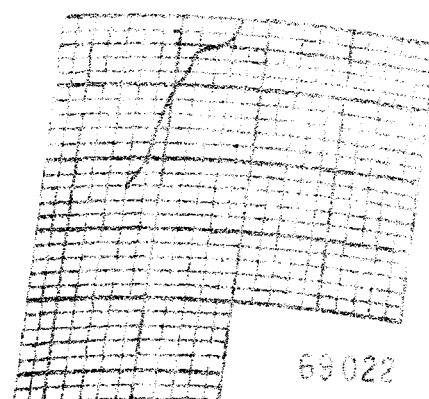
t° 18.85 S‰ 35.77



le: 22.1.69 9.20 t.u.

pos. 16° 40' N et 16° 43' W
fond: 76 m

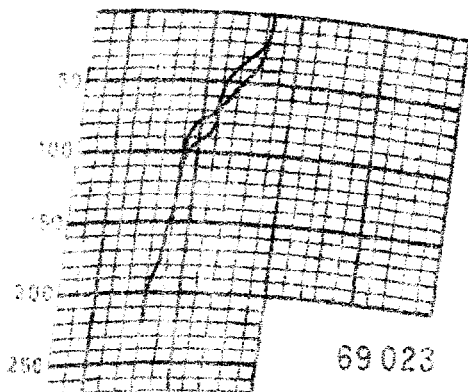
t° 17.93 S‰ 35.72



le: 22.1.69 10.20 t.u.

pos. 16° 46' N et 16° 43' W
fond: 135 m

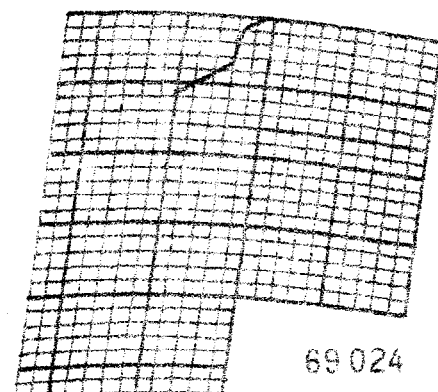
t° 18.20 S‰ 35.75



le: 22.1.69 14.35 t.u.

pos. 16° 49' N et 16° 44' W
fond: 275 m

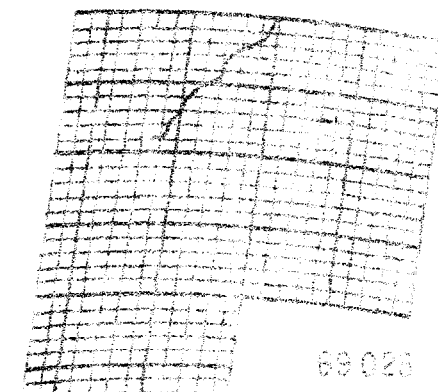
t° 18.44 S‰ 35.72



le: 19.2.69 15.05 t.u.

pos. 15° 54' N et 16° 48' W
fond: 72 m

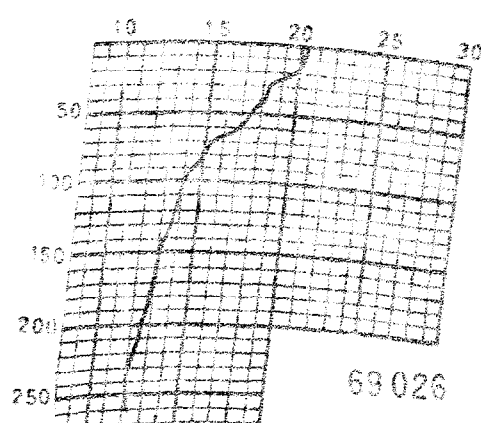
t° 19.23 S‰ 35.79



le: 19.2.69 16.05 t.u.

pos. 15° 54' N et 16° 13' W
fond: 165 m

t° 19.17 S‰ 35.82



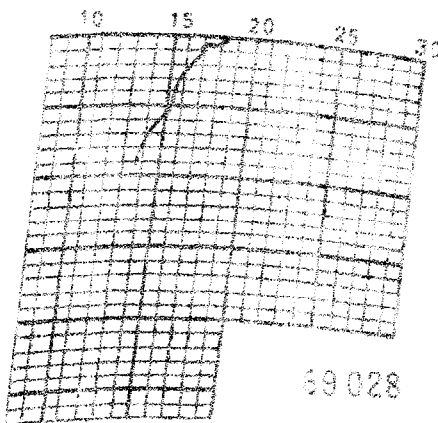
le: 19.2.69 19.05 t.u.

pos. 15° 54' N et 17° 06' W

fond: 650 m

t° 20.29

S‰ 35.84



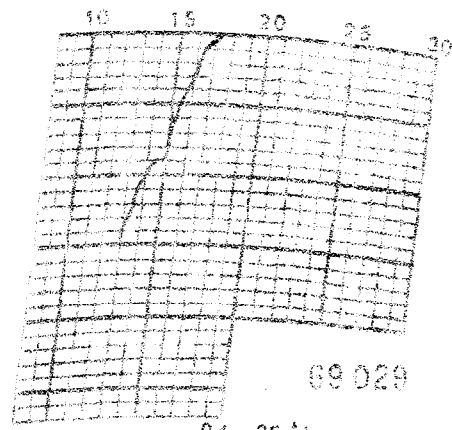
le: 20.2.69 02.57 t.u.

pos. 15° 33' N et 16° 59' W

fond: 104 m

t° 18.02

S‰ 35.51



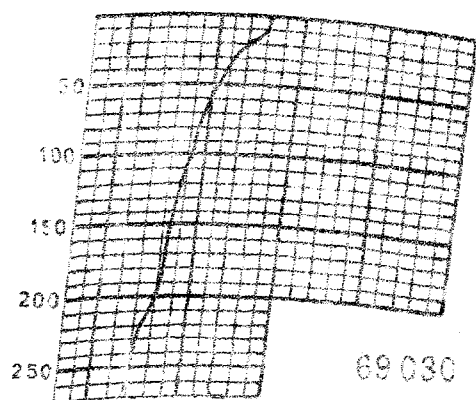
le: 20.2.69 04.25 t.u.

pos. 15° 35' N et 17° 04' W

fond: 165 m

t° 17.32

S‰ 35.62



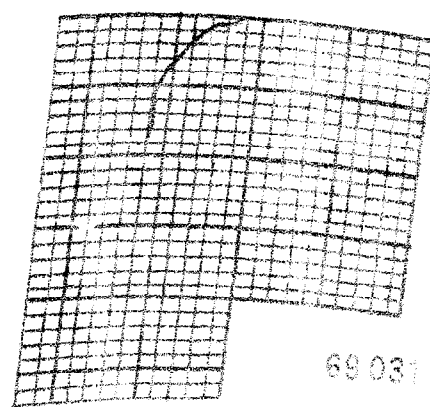
le: 20.2.69 06.07 t.u.

pos. 15° 37' N et 17° 12' W

fond: 540 m

t° 18.12

S‰ 35.67



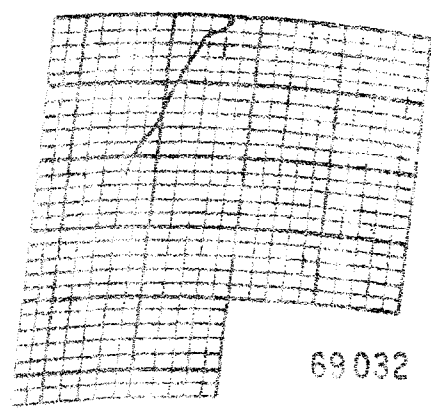
le: 20.2.69 13.13 t.u.

pos. 15° 15' N et 17° 01' W

fond: 86 m

t° 17.89

S‰ 35.50



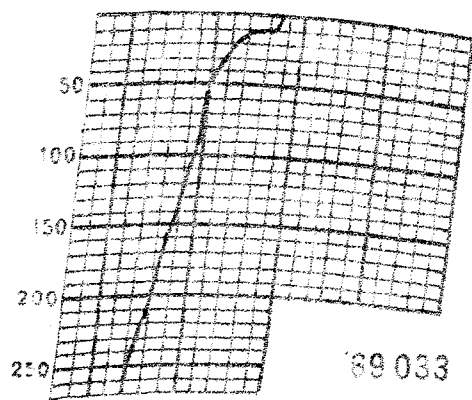
le: 20.2.69 13.50 t.u.

pos. 15° 17' N et 17° 06' W

fond: 118 m

t° 18.11

S‰ 35.54



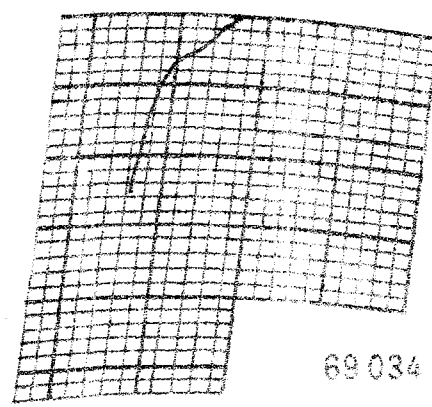
le: 20.2.69 16.00 t.u.

pos. 15° 24' N et 17° 15' W

fond: 315 m

t° 18.63

S‰ 35.70



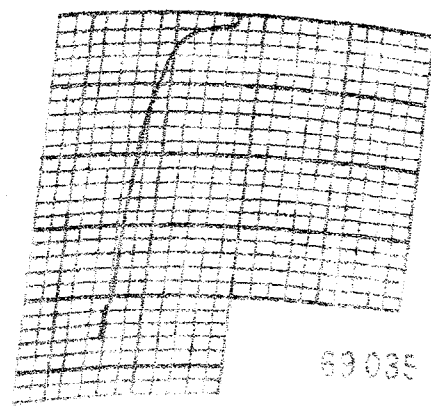
le: 20.2.69 21.43 t.u.

pos. 15° 55' N et 17° 20' W

fond: 120 m

t° 18.12

S‰ 35.51



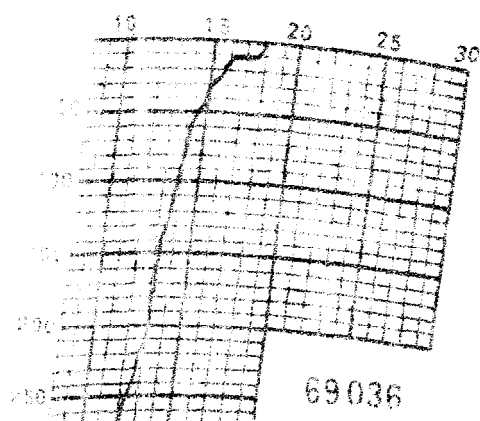
le: 20.2.69 22.13 t.u.

pos. 14° 59' N et 17° 20' W

fond: 270 m

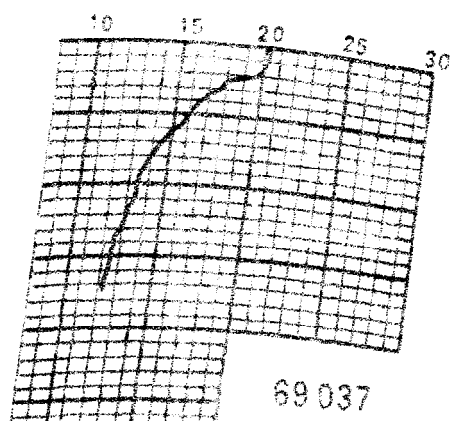
t° 18.43

S‰ 35.50



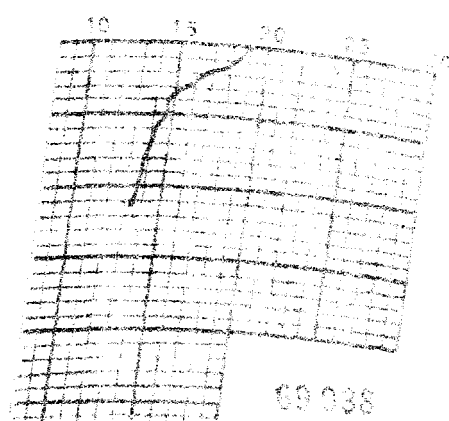
69036

le 21-2-69 0.30 t.u.
pos. 14°30' N et 17°30' W
fond : 100 m
17.67 35.37



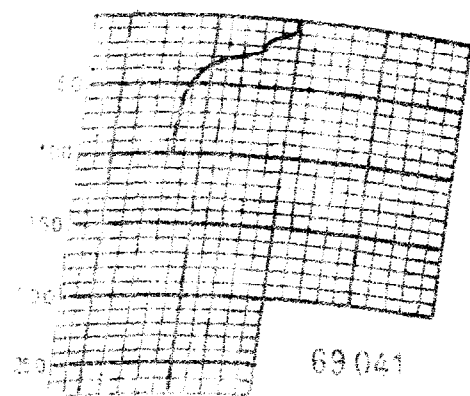
69037

le 21-2-69 5.25 t.u.
pos. 14°44' N et 17°46' W
fond : 580 m
120.31 35.81



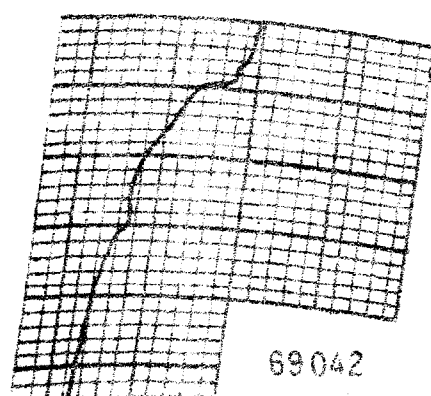
69038

le 21-2-69 2.45 t.u.
pos. 14°40' N et 17°46' W
fond : 115 m
17.82 35.71



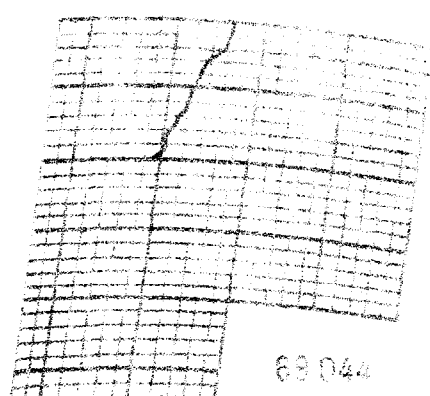
69041

le 21-2-69 2.10 t.u.
pos. 14°21' N et 17°39' W
fond : 1080 m
19.77 35.73



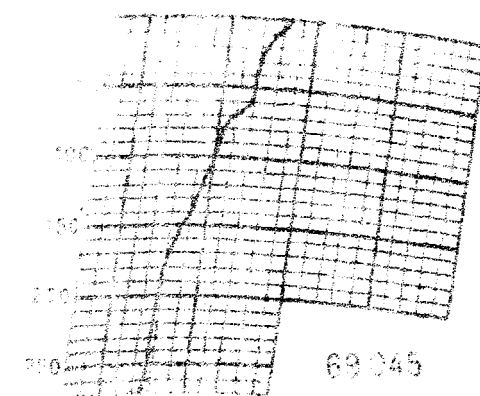
69042

le 21-2-69 21.30 t.u.
pos. 14°21' N et 17°39' W
fond : 1080 m
19.77 35.73



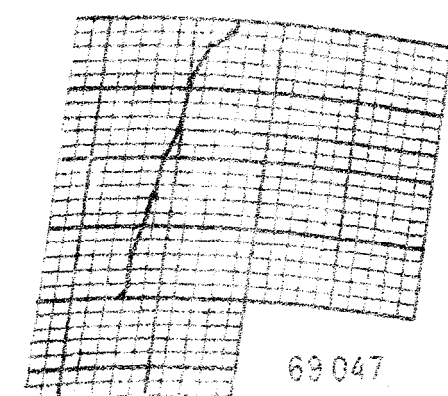
69044

le 22-2-69 11.20 t.u.
pos. 13°50' N et 17°23' W
fond : 100 m
18.01 35.65

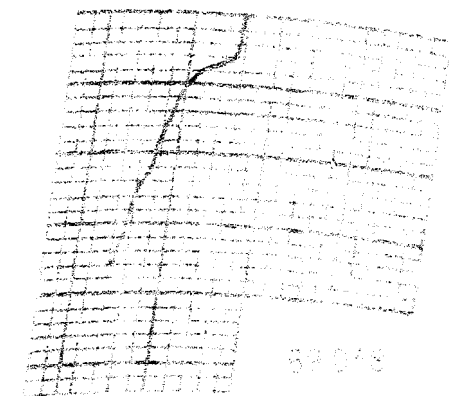


69045

le 23-2-69 2.01 t.u.
pos. 13°10' N et 17°35' W
fond : 400 m
17.41 35.61

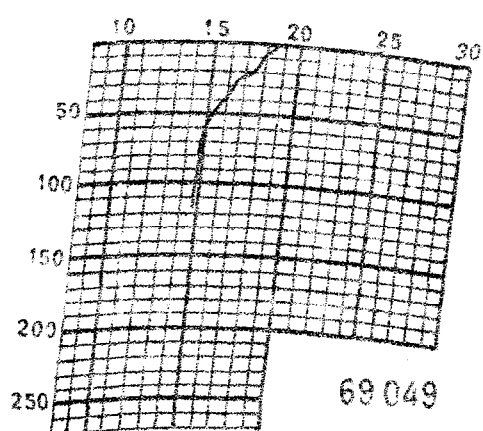


69047

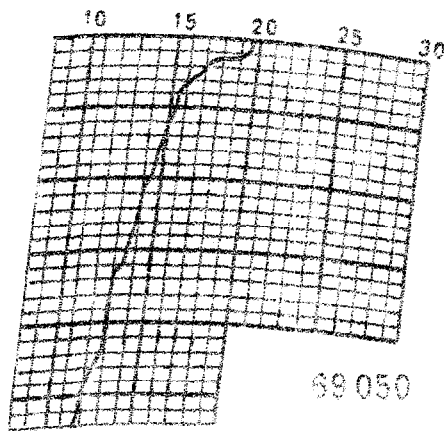


69048

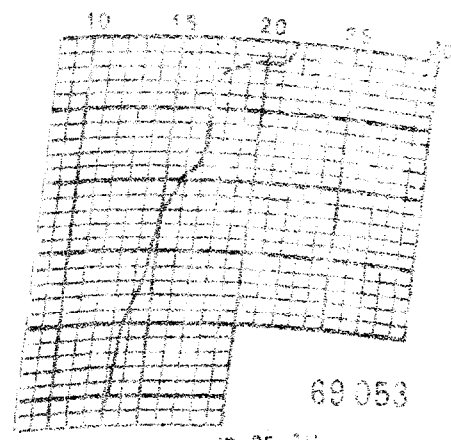
le 23-2-69 2.01 t.u.
pos. 13°10' N et 17°35' W
fond : 400 m
17.41 35.61



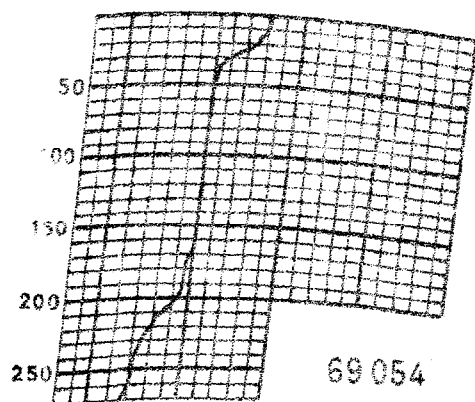
le: 24. 2. 69 00.15 h.u.
pos. 12° 11' N et 17° 20' W.
fond: 120 m
 t° 19.40 $S^{\text{‰}}$ 35.56



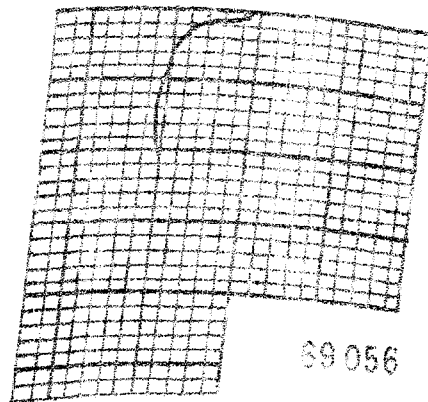
le: 24. 2. 69 02.25 h.u.
pos. 12° 07' N et 17° 28' W
fond: 1200 m
 t° 19.77 $S^{\text{‰}}$ 35.56



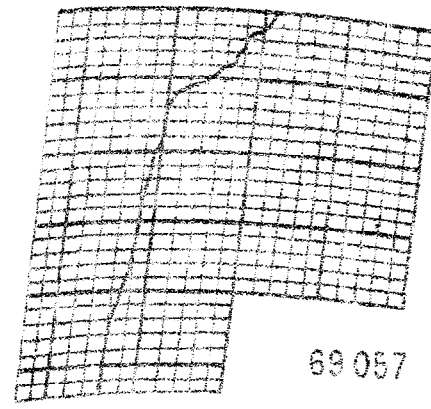
le: 7. 3. 69 18.25 h.u.
pos. 11° 02' N et 17° 10' W
fond: 250 m
 t° 21.40 $S^{\text{‰}}$ 35.47



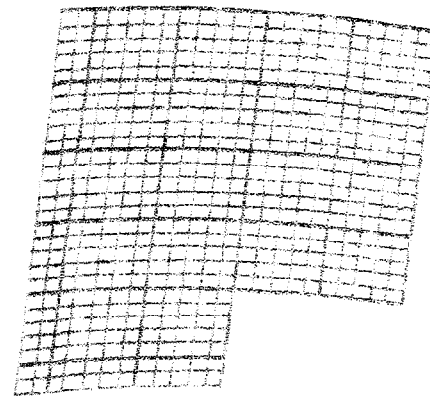
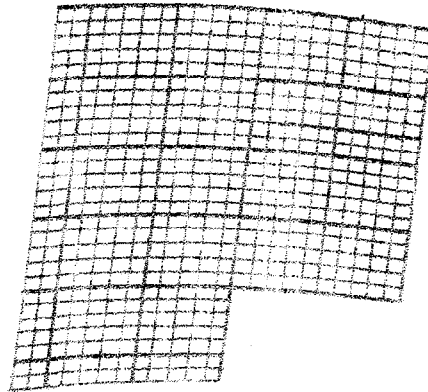
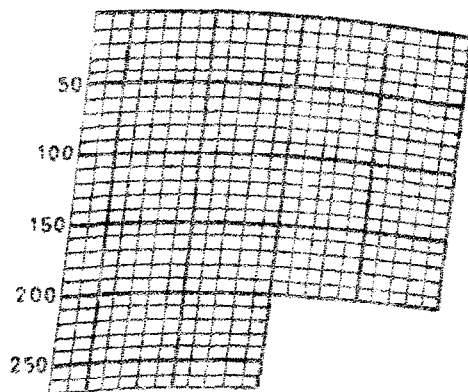
le: 9. 3. 69 12.30 h.u.
pos. 13° 52' N et 17° 27' W
fond: 300 m
 t° 18.09 $S^{\text{‰}}$ 35.53

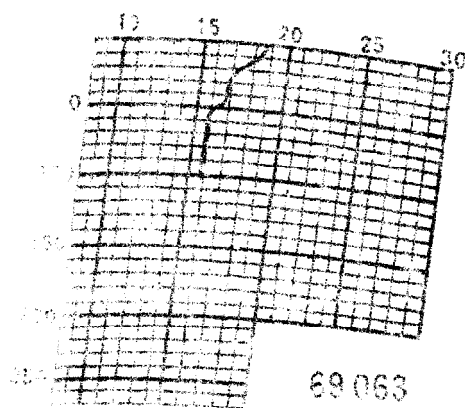


le: 13. 3. 69 11.55 h.u.
pos. 14° 40' N et 17° 35' W
fond: 101 m
 t° 19.35 $S^{\text{‰}}$ 35.60



le: 13. 3. 69 13.30 h.u.
pos. 14° 43' N et 18° 00' W
fond: 1080 m
 t° 22.53 $S^{\text{‰}}$ 35.58





69063

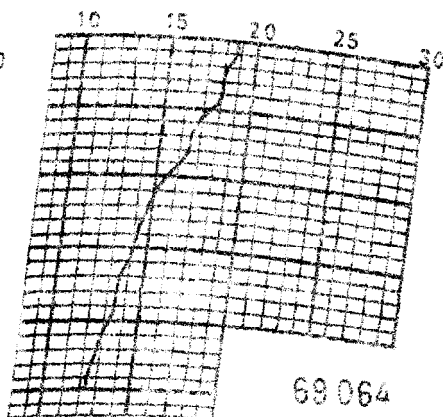
le: 14.4.69 22.25 f.u.

pos. 14°25' N et 17°30' W

fond: 105 m

t° 10.02

S‰ 35.60



69064

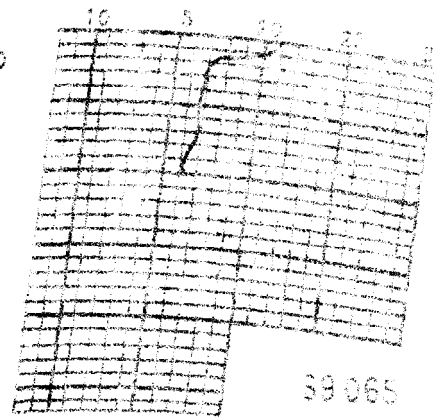
le: 15.4.69 00.53 f.u.

pos. 14°21' N et 17°39' W

fond: > 500 m

t° 19.75

S‰ 35.61



69065

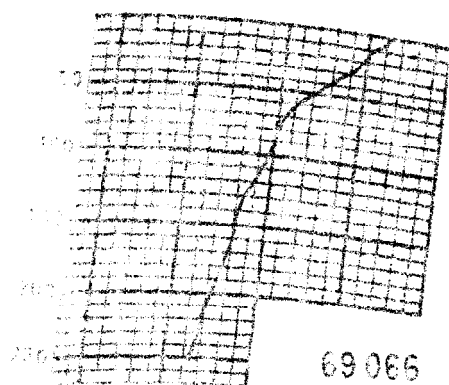
le: 15.4.69 14.50 f.u.

pos. 13°50' N et 17°20' W

fond: 100 m

t° 21.00

S‰ 35.65



69066

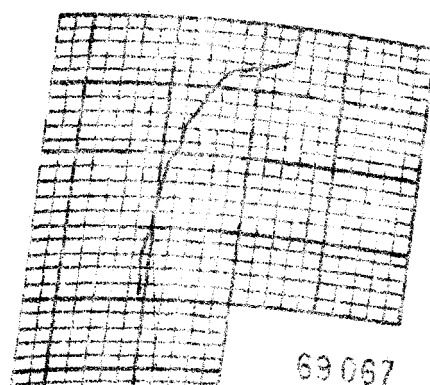
le: 15.4.69 17.00 f.u.

pos. 13°50' N et 17°25' W

fond: 1200 m

t° 21.19

S‰ 35.65



69067

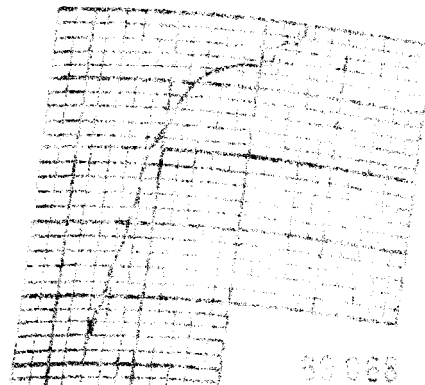
le: 16.4.69 10.20 f.u.

pos. 13°10' N et 17°35' W

fond: 195 m

t° 22.08

S‰ 35.69



69068

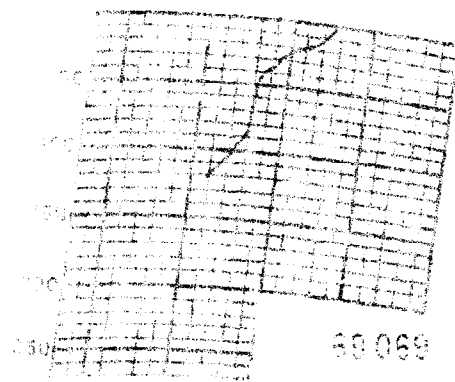
le: 16.4.69 12.10 f.u.

pos. 13°11' N et 17°40' W

fond: > 300 m

t° 22.30

S‰ 35.70



69069

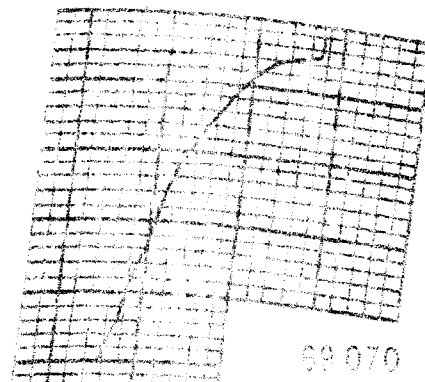
le: 17.4.69 03.25 f.u.

pos. 13°11' N et 17°20' W

fond: 120 m

t° 22.52

S‰ 35.65



69070

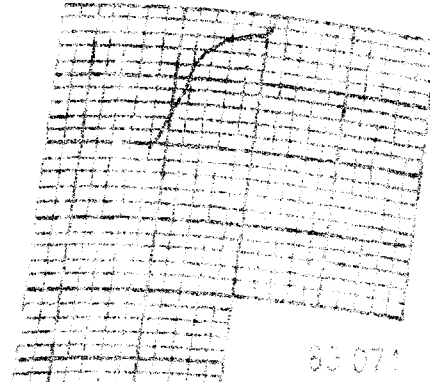
le: 17.4.69 05.25 f.u.

pos. 12°07' N et 17°28' W

fond: > 700 m

t° 23.64

S‰ 35.71



69071

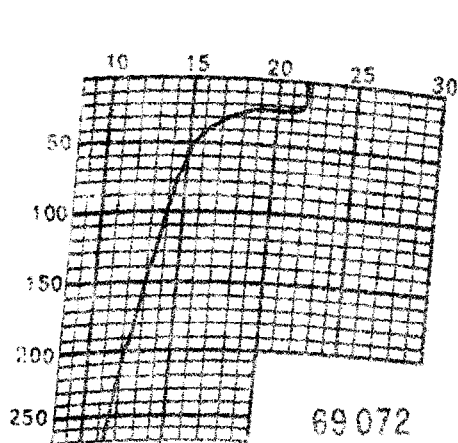
le: 18.4.69 18.00 f.u.

pos. 14°59' N et 17°20' W

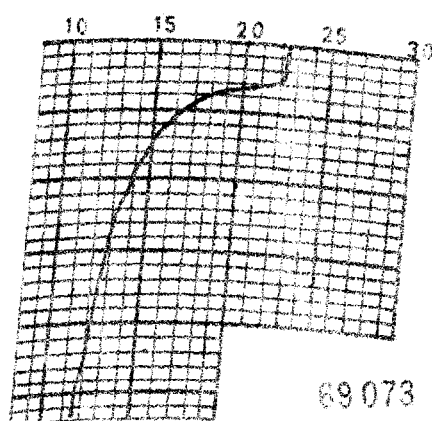
fond: 100 m

t° 20.41

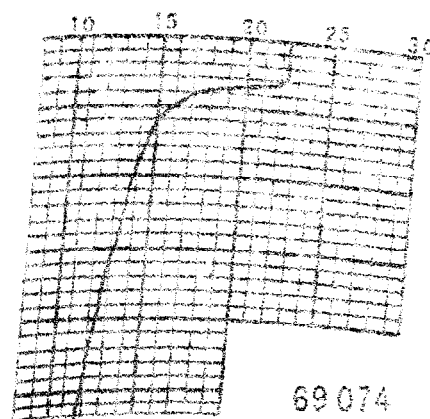
S‰ 35.68



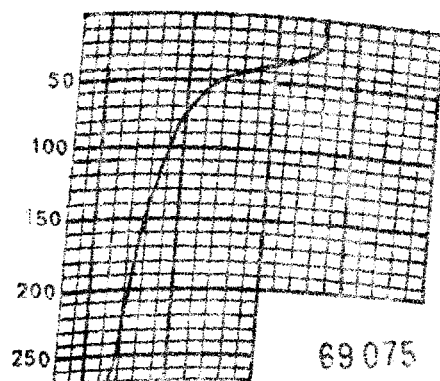
le: 28.4.69 21.25 t.u.
pos. 14° 40 N et 17° 46 W
fond: > 1500 m
t° 21.54 S‰ 35.70



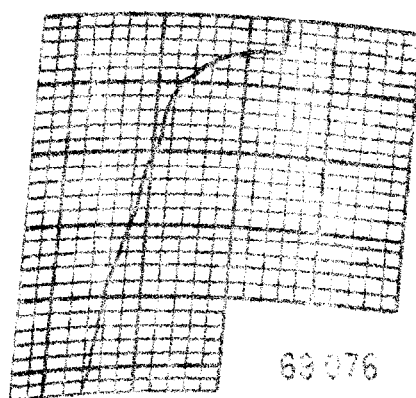
le: 29.4.69 01.30 t.u.
pos. 14° 42 N et 18° 00 W
fond: > 1500 m
t° 22.30 S‰ 33.78



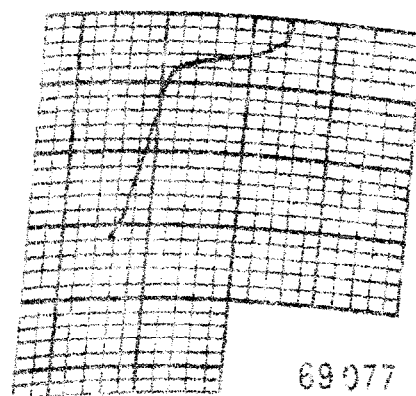
le: 29.4.69 05.30 t.u.
pos. 14° 44 N et 18° 15 W
fond: > 1500 m
t° 22.40 S‰ 35.84



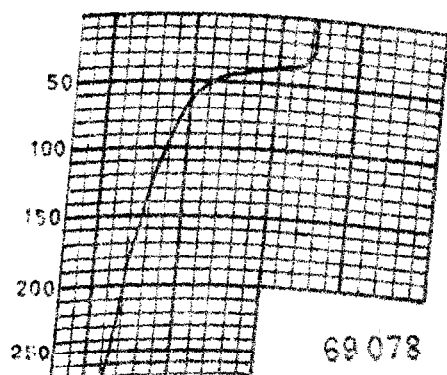
le: 29.4.69 07.55 t.u.
pos. 14° 45 N et 18° 30 W
fond: > 1500 m
t° 22.77 S‰ 35.92



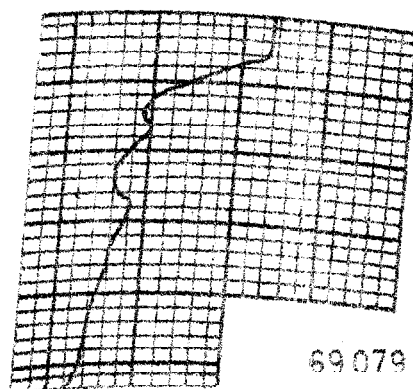
le: 29.4.69 11.45 t.u.
pos. 14° 47 N et 18° 45 W
fond: > 1500 m
t° 22.21 S‰ 35.89



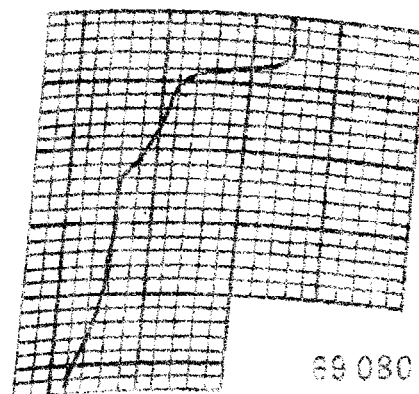
le: 29.4.69 14.05 t.u.
pos. 14° 49 N et 19° 00 W
fond: > 1500 m
t° 22.11 S‰ 35.90



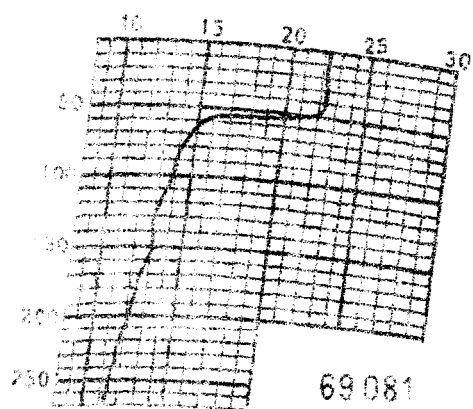
le: 29.4.69 18.10 t.u.
pos. 14° 51 N et 19° 15 W
fond: > 1500 m
t° 22.18 S‰ 35.93



le: 29.4.69 20.35 t.u.
pos. 14° 52 N et 19° 30 W
fond: > 1500 m
t° 21.87 S‰ 35.82



le: 30.4.69 00.20 t.u.
pos. 14° 54 N et 19° 45 W
fond: > 1500 m
t° 22.28 S‰ 36.05



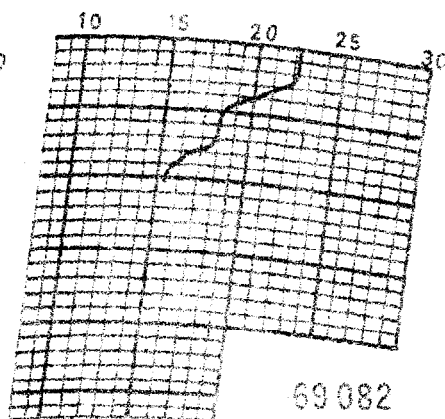
le: 19.5.69 02.50 t.u.

pos. 14°55' N et 20°00' W

fond: >1500 m

t° 22.39

S‰ 36.07



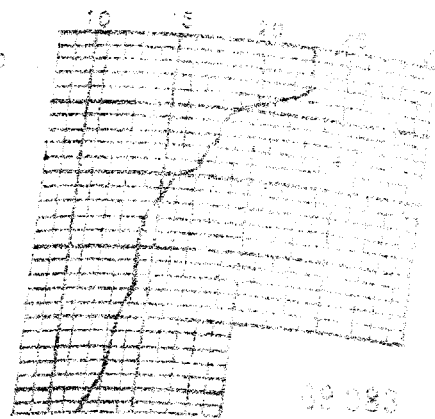
le: 19.5.69 02.47 t.u.

pos. 15°54' N et 16°55' W

fond: 1000 m

t° 22.27

S‰ 35.75



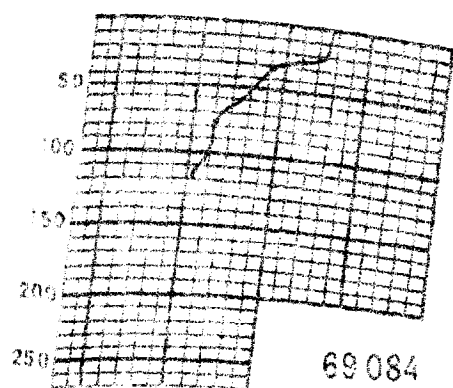
le: 19.5.69 04.00 t.u.

pos. 15°54' N et 20°06' W

fond: 1000 m

t° 22.92

S‰ 35.72



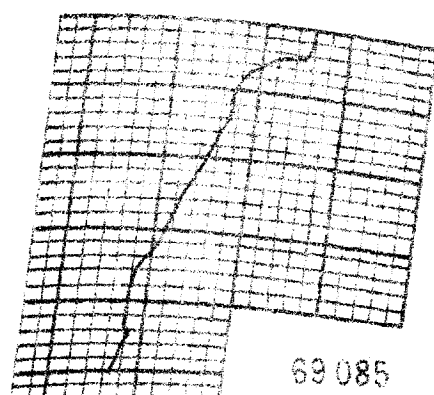
le: 19.5.69 01.30 t.u.

pos. 15°34' N et 17°04' W

fond: 1100 m

t° 22.71

S‰ 35.73



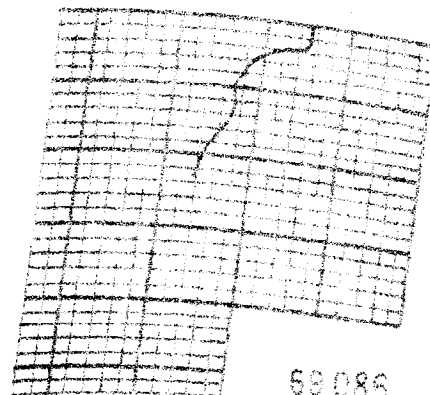
le: 19.5.69 03.47 t.u.

pos. 15°37' N et 17°12' W

fond: >1500 m

t° 22.90

S‰ 35.72



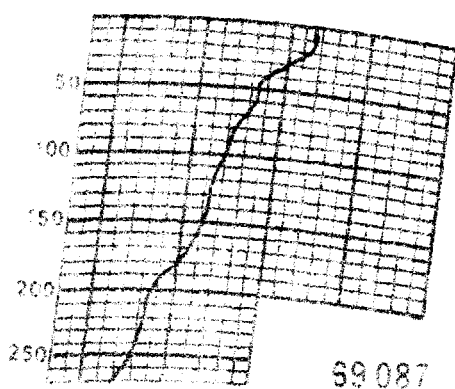
le: 19.5.69 11.20 t.u.

pos. 15°17' N et 17°06' W

fond: 1070 m

t° 22.65

S‰ 35.72



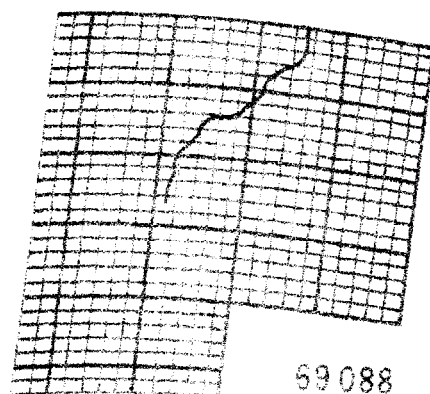
le: 19.5.69 13.50 t.u.

pos. 15°24' N et 17°15' W

fond: 1350 m

t° 21.58

S‰ 35.73



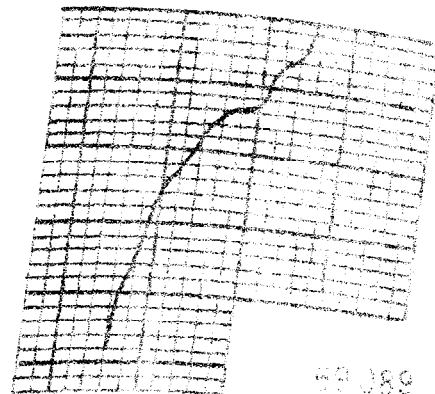
le: 19.5.69 19.40 t.u.

pos. 14°55' N et 17°20' W

fond: 1200 m

t° 22.62

S‰ 35.73



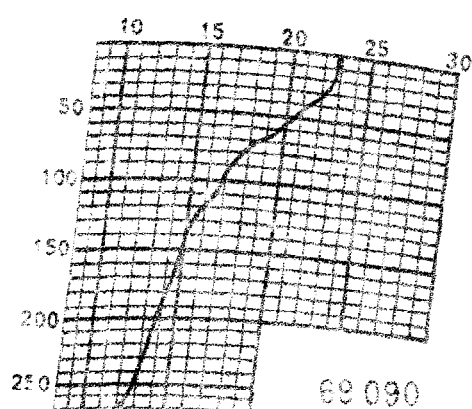
le: 19.5.69 21.10 t.u.

pos. 14°59' N et 17°25' W

fond: 2500 m

t° 22.60

S‰ 35.74



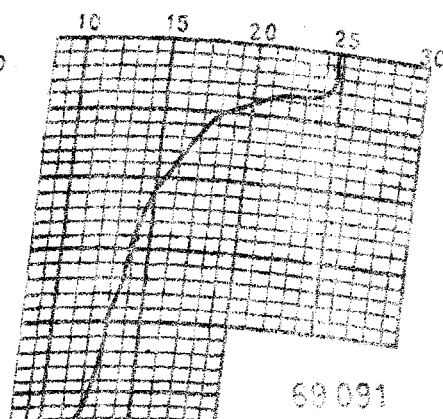
le: 19.5.69 22.45 l.u.

pos. 5° 01' N et 17° 30' W

fond: > 500 m

t° 23.60

s‰ 35.73



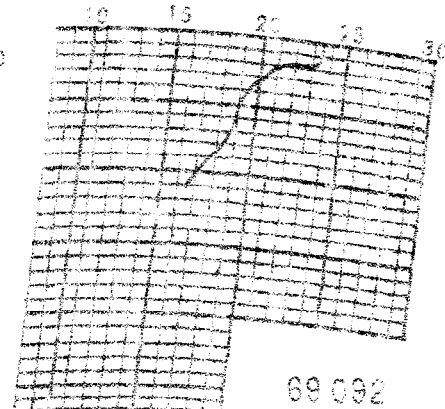
le: 20.5.69 02.25 l.u.

pos. 14° 43' N et 18° 00' W

fond: 1000 m

t° 24.54

s‰ 33.75



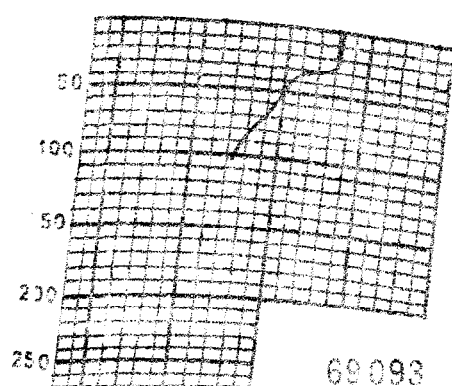
le: 20.5.69 02.00 l.u.

pos. 14° 40' N et 17° 33' W

fond: 105 m

t° 23.20

s‰ 35.71



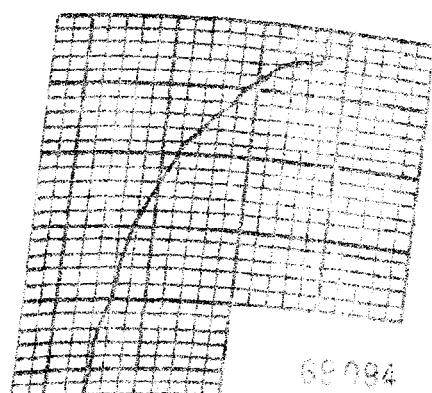
le: 21.5.69 05.15 l.u.

pos. 14° 25' N et 17° 30' W

fond: 88 m

t° 23.03

s‰ 35.69



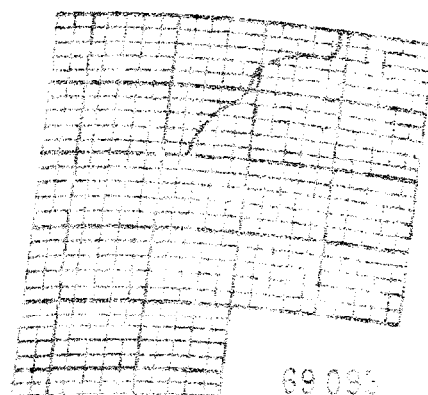
le: 21.5.69 07.35 l.u.

pos. 14° 21' N et 17° 39' W

fond: 975 m

t° 23.70

s‰ 35.72



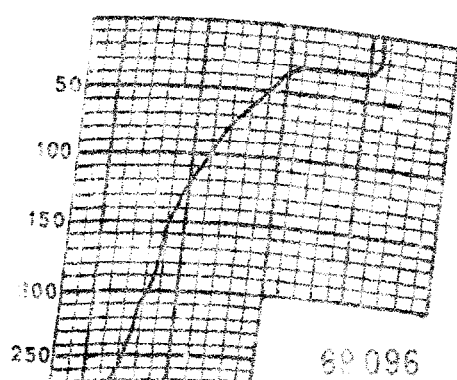
le: 21.5.69 22.25 l.u.

pos. 13° 50' N et 17° 20' W

fond: 100 m

t° 24.51

s‰ 35.71



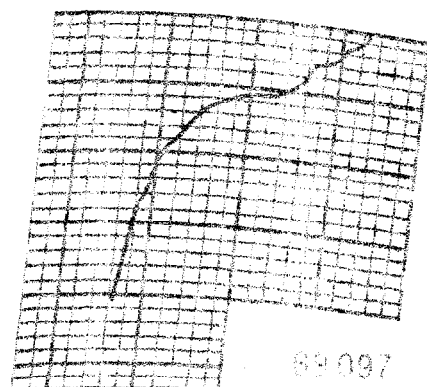
le: 22.5.69 00.27 l.u.

pos. 13° 50' N et 17° 33' W

fond: 1050 m

t° 25.66

s‰ 35.79



le: 22.5.69 16.55 l.u.

pos. 13° 10' N et 17° 35' W

fond: 200 m

t° 26.09

s‰ 35.75



le: 22.5.69 18.55 l.u.

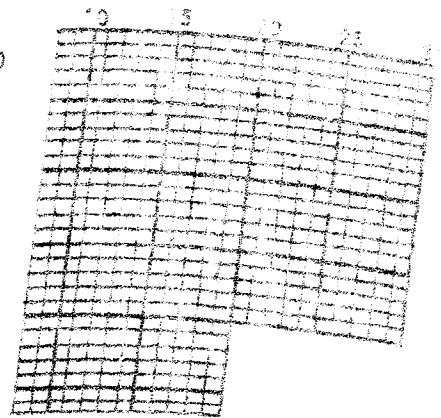
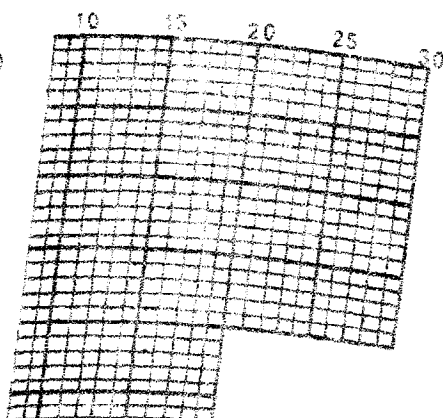
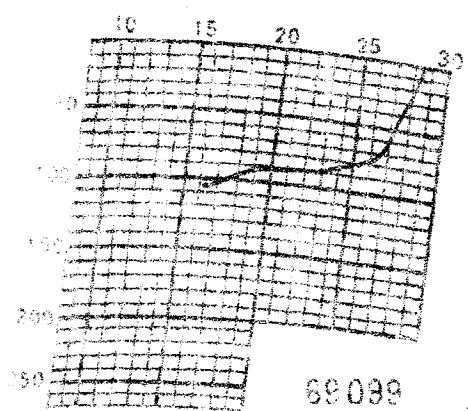
pos. 13° 11' N et 17° 45' W

fond: 1500 m

t° 26.10

s‰ 35.73

1-1 599

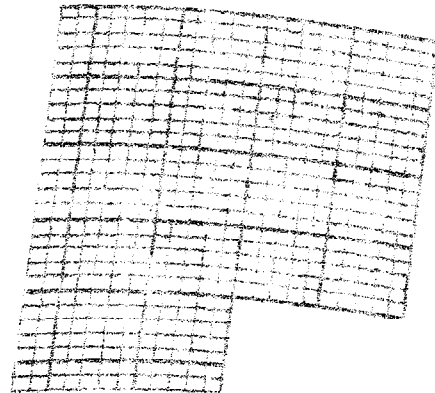
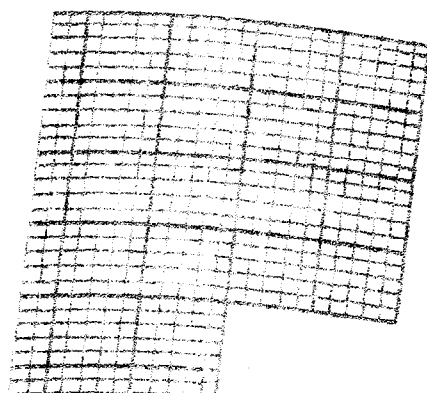
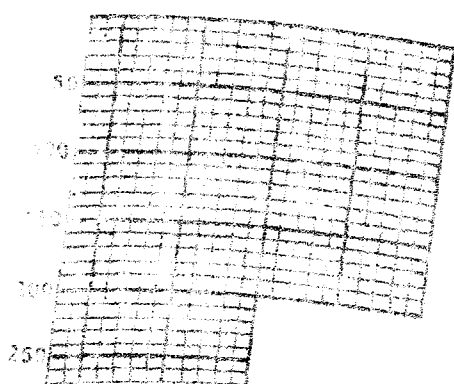
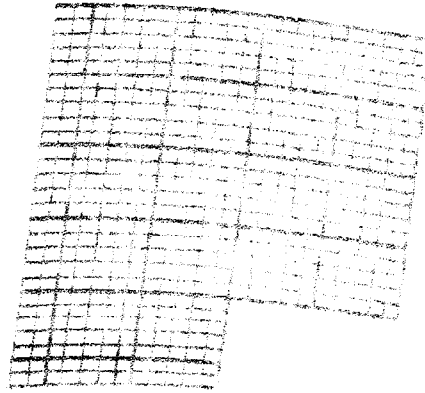
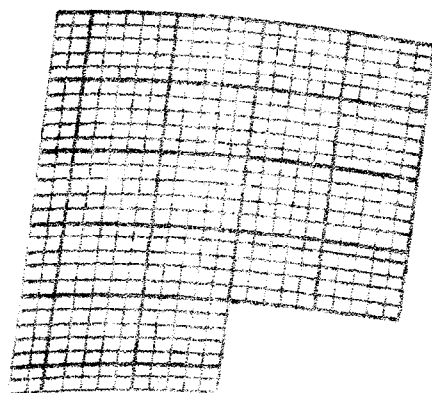
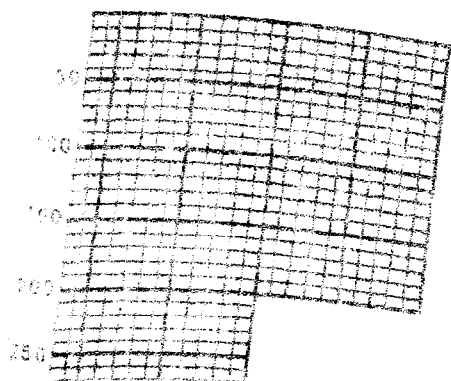


10 2 7 69 13.50 1.11

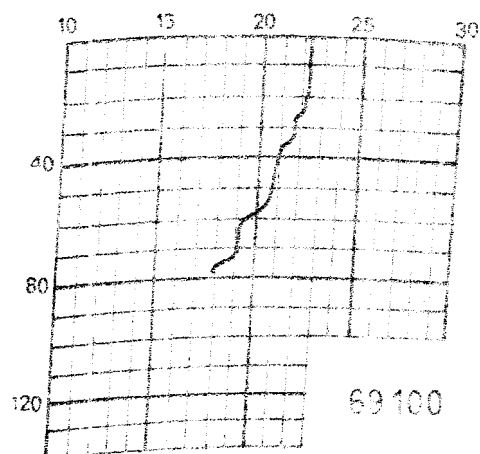
POS: 14° 40' N at 17° 05' W

Long: 103 10

12 28 23 5/00 35.70



B 883



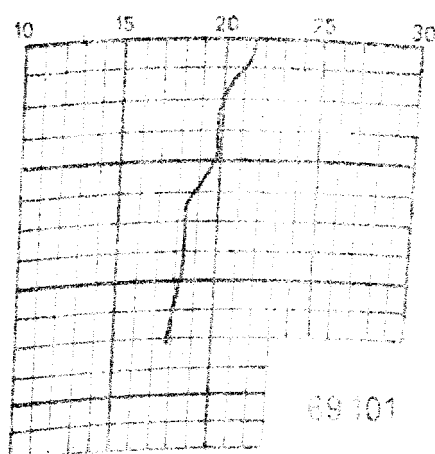
le: 18.7.69 12.28 t.u.

pos. 21° 00' N et 17° 27' W

fond: 78 m

t° 22.30

S‰ 35.86



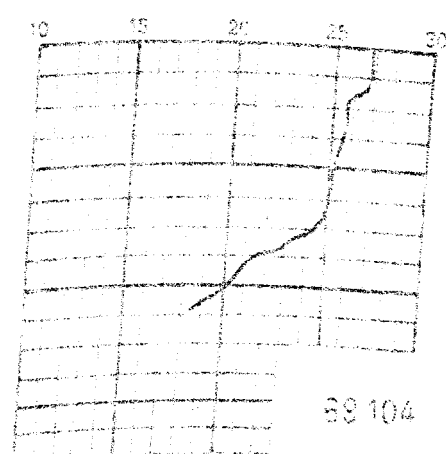
le: 18.7.69 13.45 t.u.

pos. 21° 00' N et 17° 31' W

fond: 100 m

t° 21.49

S‰ 35.35



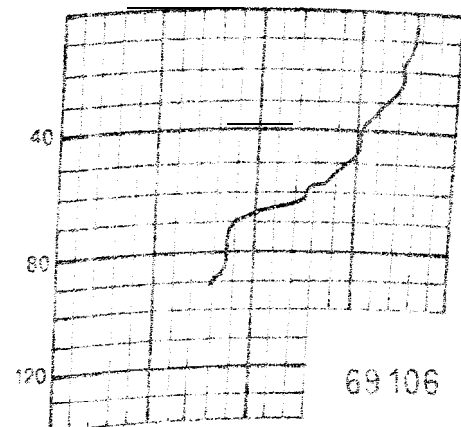
le: 20.7.69 20.03 t.u.

pos. 19° 51' N et 17° 19' W

fond: 160 m

t° 26.95

S‰ 35.93



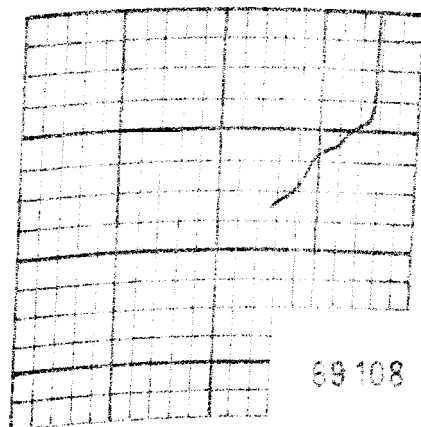
le: 21.7.69 19.42 t.u.

pos. 18° 48' N et 16° 35' W

fond: 100 m

t° 27.75

S‰ 35.95



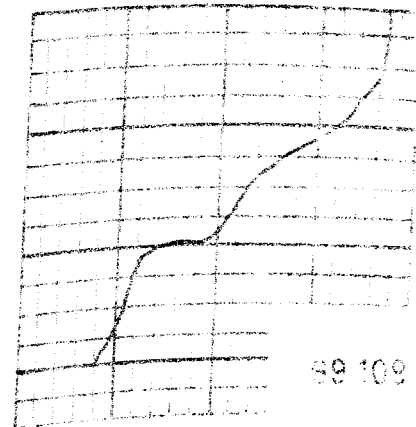
le: 23.7.69 10.45 t.u.

pos. 18° 00' N et 16° 22' W

fond: 70 m

t° 27.88

S‰ 35.96



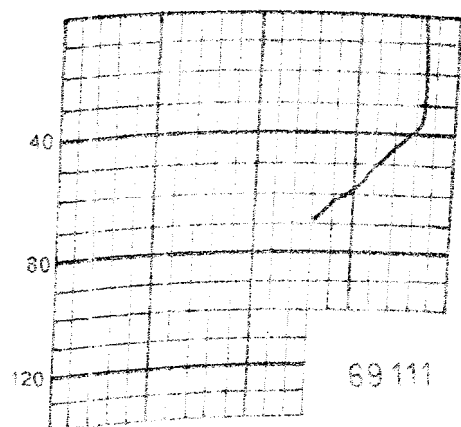
le: 23.7.69 12.25 t.u.

pos. 18° 00' N et 16° 26' W

fond: 120 m

t° 28.25

S‰ 35.93



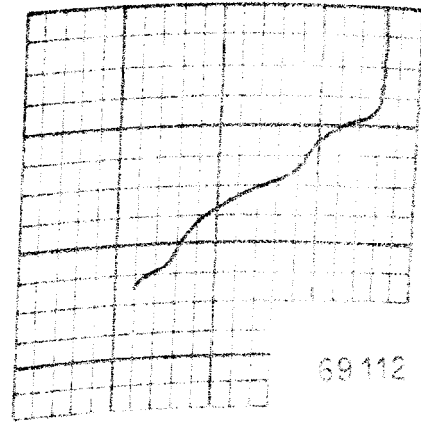
le: 24.7.69 10.53 t.u.

pos. 17° 00' N et 16° 28' W

fond: 80 m

t° 28.34

S‰ 35.84



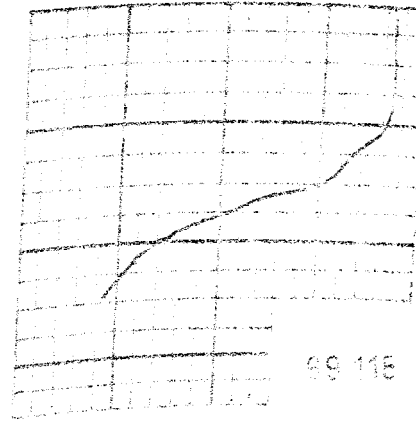
le: 24.7.69 12.18 t.u.

pos. 17° 00' N et 16° 43' W

fond: 100 m

t° 28.29

S‰ 35.76



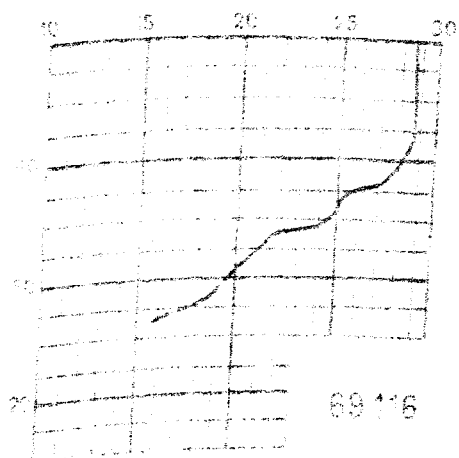
le: 25.7.69 15.52 t.u.

pos. 15° 53' N et 16° 55' W

fond: 100 m

t° 28.58

S‰ 35.76

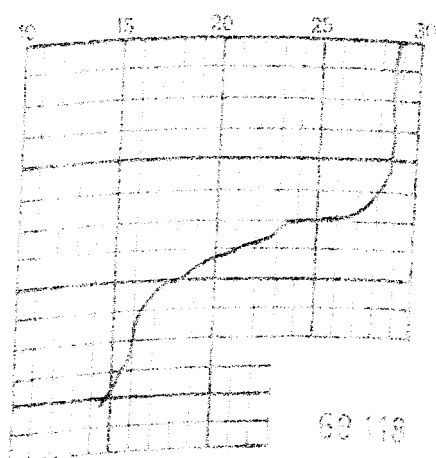


log 26.742 10.42 tu.

POS. 15°19' N at 17°05' W

Sound: 120 m

t^0 28.65 $\frac{S}{\sigma_t}$ 35.72

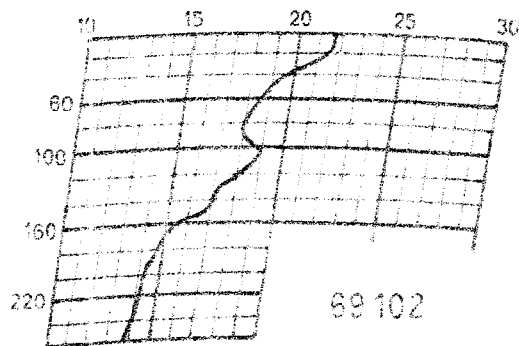


log 27.739 13.28 tu.

POS. 14°30' N at 17°35' W

Sound: 120 m

t^0 28.91 $\frac{S}{\sigma_t}$ 35.67



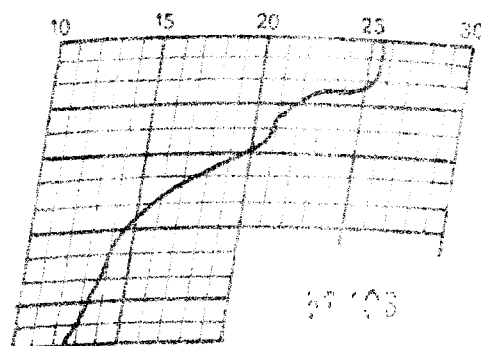
le: 18.7.69 16.42 t.u.

pos. 21°00' N et 17°41' W

fond: > 1700 m

t^0 21.80

S^0_{∞} 35.77



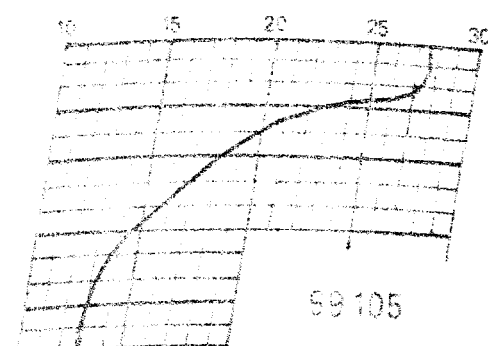
le: 19.7.69 12.57 t.u.

pos. 20°25' N et 17°46' W

fond: > 500 m

t^0 25.48

S^0_{∞} 35.95



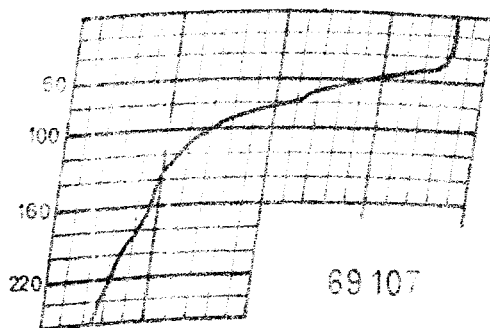
le: 20.7.69 22.15 t.u.

pos. 19°47' N et 17°29' W

fond: 950 m

t^0 27.53

S^0_{∞} 35.97



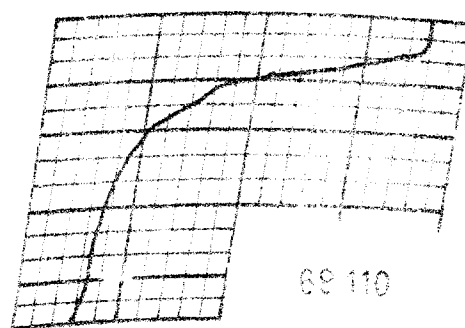
le: 22.7.69 11.56 t.u.

pos. 18°45' N et 16°45' W

fond: 300 m

t^0 28.10

S^0_{∞} 35.92



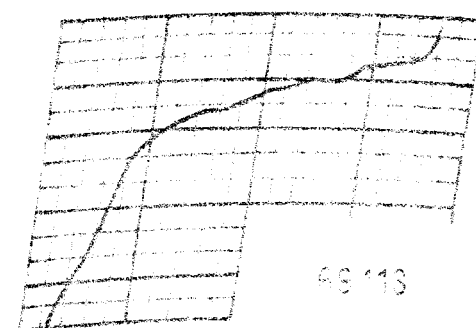
le: 23.7.69 14.39 t.u.

pos. 18°00' N et 16°36' W

fond: 970 m

t^0 27.98

S^0_{∞} 36.02



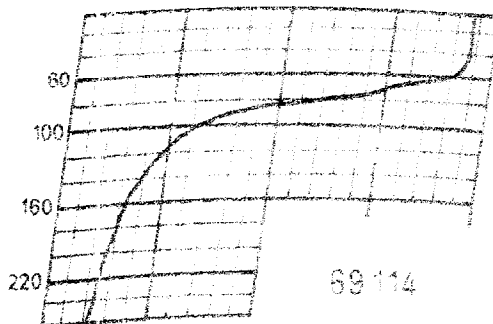
le: 24.7.69 14.15 t.u.

pos. 17°00' N et 16°53' W

fond: 450 m

t^0 28.00

S^0_{∞} 35.90



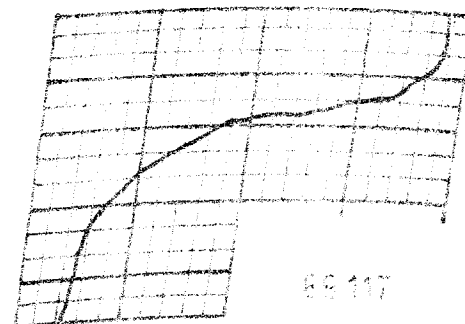
le: 25.7.69 16.55 t.u.

pos. 15°53' N et 17°07' W

fond: > 1700 m

t^0 29.75

S^0_{∞} 35.58



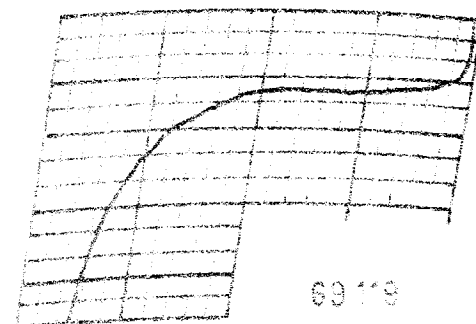
le: 26.7.69 13.33 t.u.

pos. 13°23' N et 17°12' W

fond: 350 m

t^0 28.81

S^0_{∞} 35.50



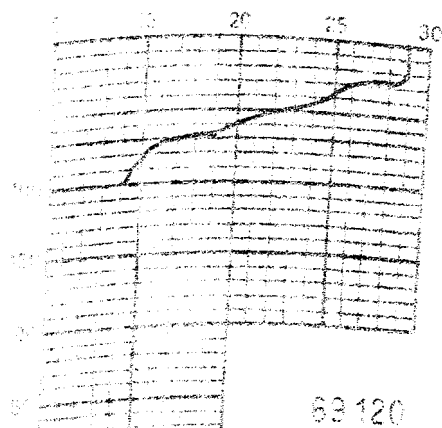
le: 27.7.69 15.13 t.u.

pos. 14°39' N et 17°45' W

fond: 1100 m

t^0 29.69

S^0_{∞} 35.22

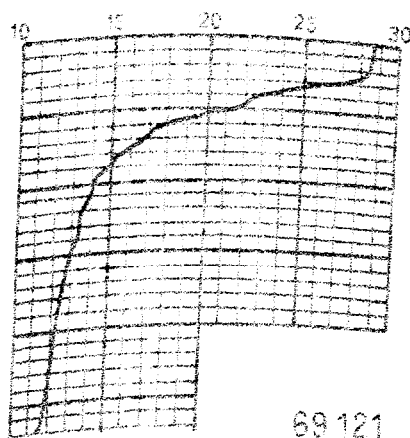


69120

le: 30.8.69 14.15 t.u.

pos: 15°30' N et 16°53' W

fond: 35 m

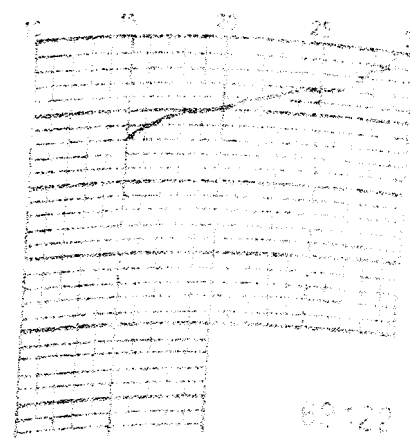
 t^0 28.95 S_{∞}^0 35.43


69121

le: 30.8.69 18.25 t.u.

pos: 15°54' N et 17°06' W

fond: 900 m

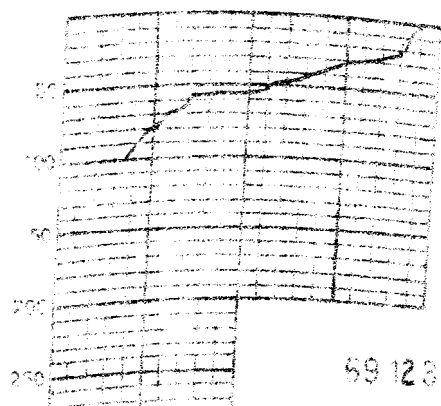
 t^0 28.77 S_{∞}^0 35.42


69122

le: 31.8.69 02.25 t.u.

pos: 16°32' N et 16°55' W

fond: 77 m

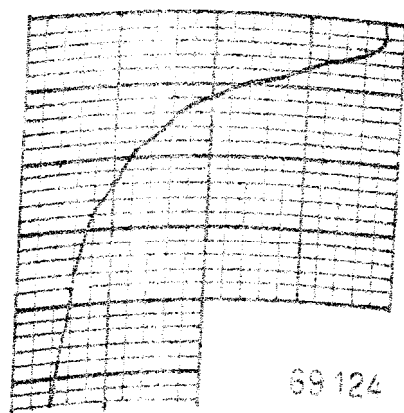
 t^0 28.94 S_{∞}^0 35.48


69123

le: 31.8.69 03.50 t.u.

pos: 15°54' N et 17°04' W

fond: 100 m

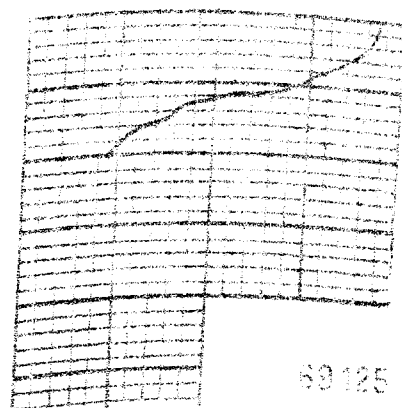
 t^0 28.01 S_{∞}^0 35.29


69124

le: 31.8.69 05.35 t.u.

pos: 15°37' N et 17°12' W

fond: 500 m

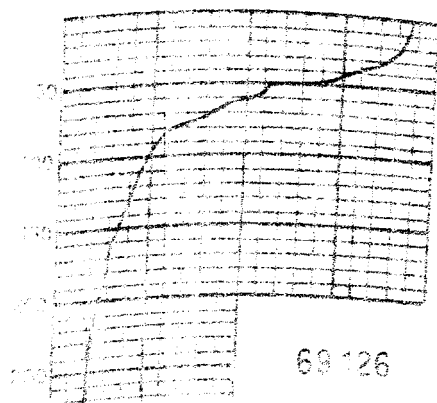
 t^0 28.98 S_{∞}^0 35.58


69125

le: 31.8.69 12.23 t.u.

pos: 15°17' N et 17°06' W

fond: 115 m

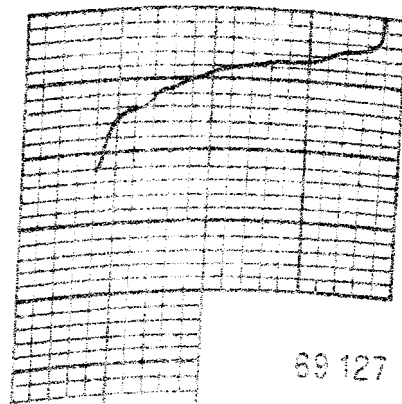
 t^0 28.85 S_{∞}^0 35.63


69126

le: 31.8.69 14.15 t.u.

pos: 15°54' N et 17°15' W

fond: 100 m

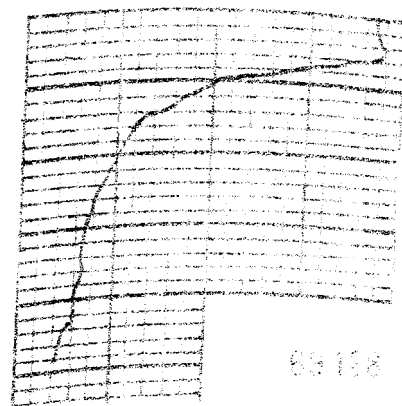
 t^0 28.84 S_{∞}^0 35.48


69127

le: 31.8.69 20.45 t.u.

pos: 14°55' N et 17°20' W

fond: 120 m

 t^0 28.83 S_{∞}^0 34.79


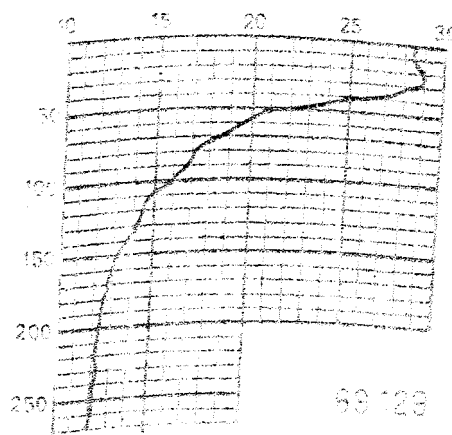
69128

le: 31.8.69 22.09 t.u.

pos: 14°54' N et 17°21' W

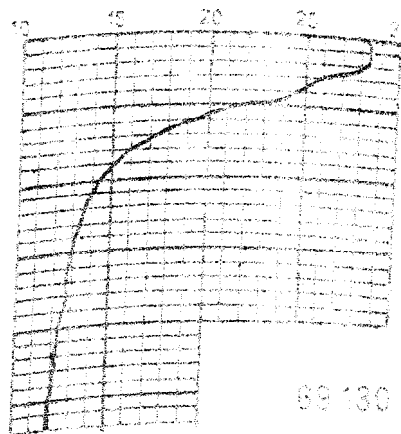
fond: 110 m

 t^0 28.62 S_{∞}^0 34.66



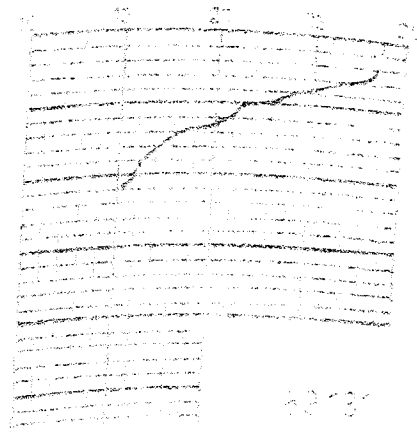
69128

Is 1 3 8 69 28.05 M
POS: 50.9 N at 17° 33' W
fond: 500 m
 t^0 28.59 $S\%_{00}$ 34.86



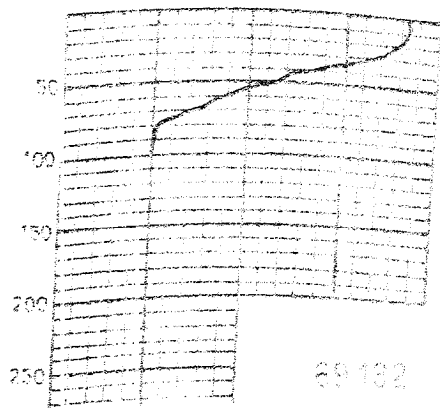
69130

Is 1 3 0 69 28.10 M
POS: 50.9 N at 17° 33' W
fond: 500 m
 t^0 28.30 $S\%_{00}$ 34.86



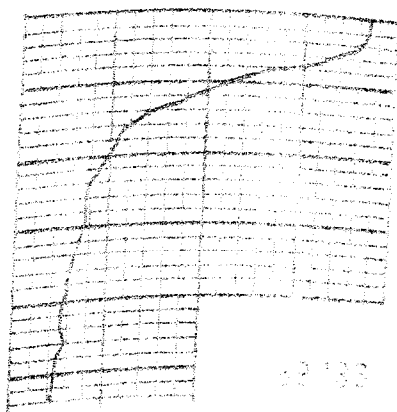
69131

Is 1 3 1 69 28.15 M
POS: 50.9 N at 17° 33' W
fond: 500 m
 t^0 28.64 $S\%_{00}$ 34.89



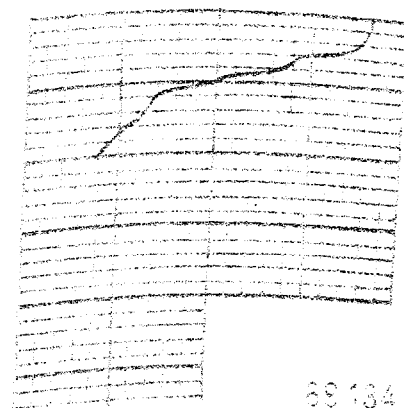
69132

Is 1 3 2 69 28.20 M
POS: 50.25 N at 17° 33' W
fond: 100 m
 t^0 28.36 $S\%_{00}$ 34.65



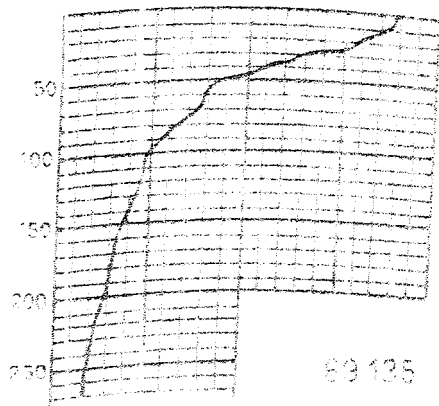
69133

Is 1 3 3 69 28.30 M
POS: 50.25 N at 17° 33' W
fond: 550 m
 t^0 28.30 $S\%_{00}$ 34.59



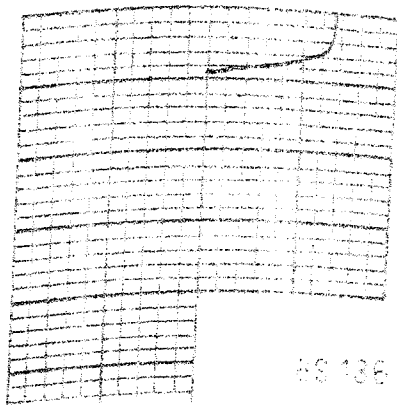
69134

Is 1 3 4 69 28.00 M
POS: 50.25 N at 17° 33' W
fond: 500 m
 t^0 28.00 $S\%_{00}$ 34.35



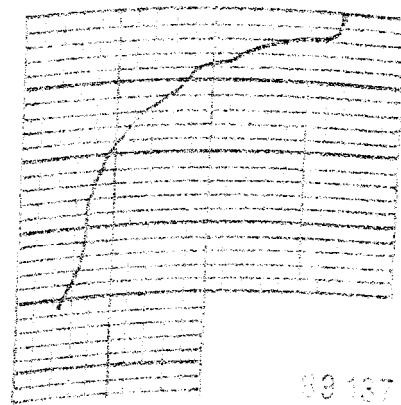
69135

Is 1 3 5 69 28.20 M
POS: 50.50 N at 17° 33' W
fond: 100 m
 t^0 27.84 $S\%_{00}$ 34.20



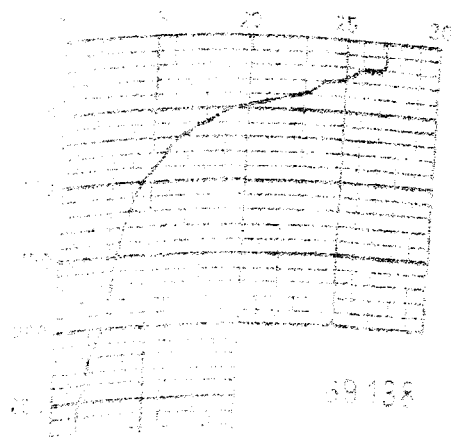
69136

Is 1 3 6 69 28.00 M
POS: 50.15 N at 17° 33' W
fond: 49 m
 t^0 26.81 $S\%_{00}$ 35.04

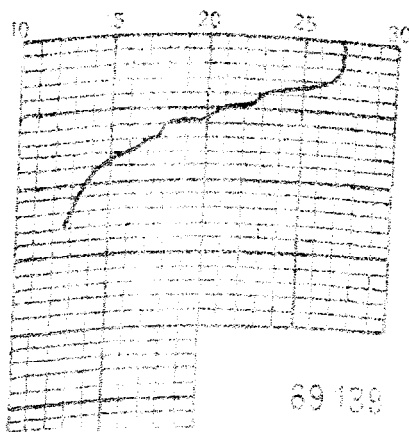


69137

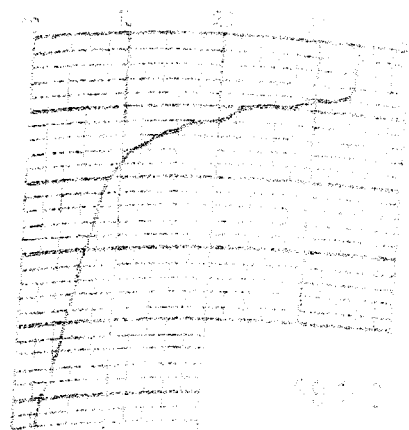
Is 1 3 7 69 28.00 M
POS: 50.10 N at 17° 34' W
fond: 200 m
 t^0 26.90 $S\%_{00}$ 35.09



69138



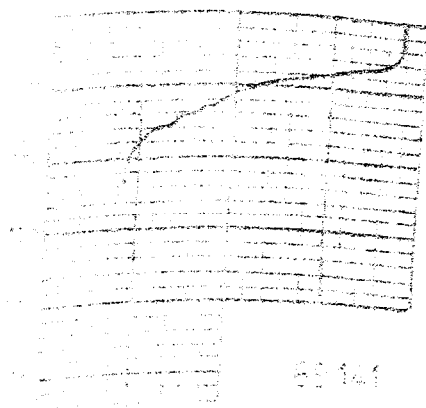
69139



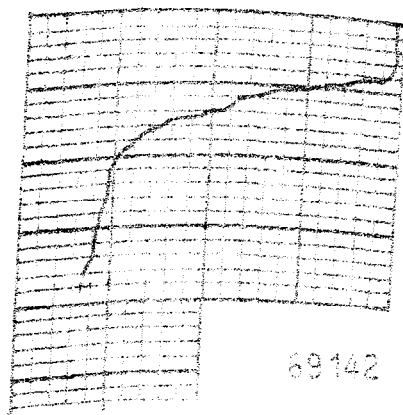
69140

le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

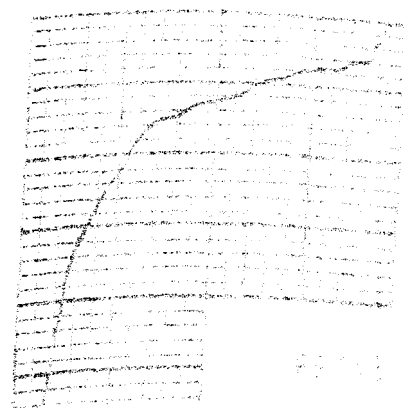
le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12



69141



69142

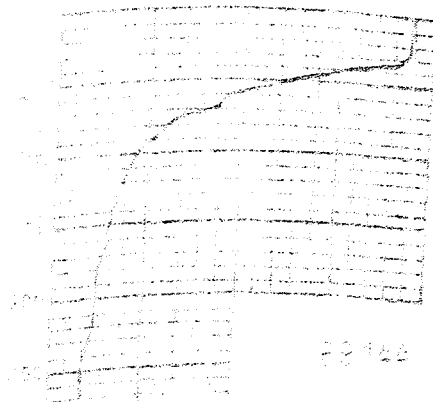


69143

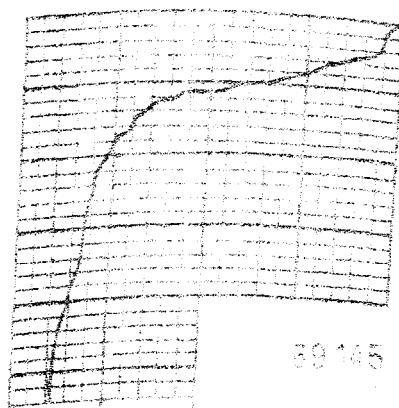
le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

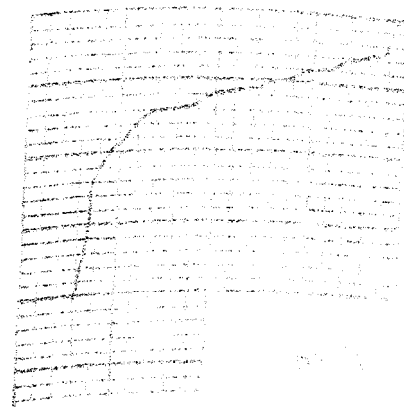
le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12



69144



69145



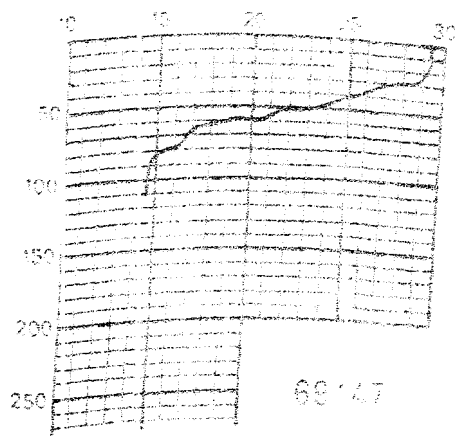
69146

le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

le: 2.5 30 16.45
pos: 15-20 N, 10-15 W
fond: 200 m
27.28 34.12

PP 13 138



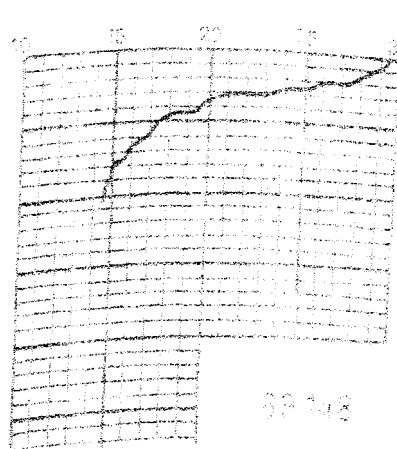
69147

le: 14 02 45 10.23 10

POS: 16° 05' N et 16° 53' W

fond: 110 m

t^0 29.34 $S\%$ 33.03



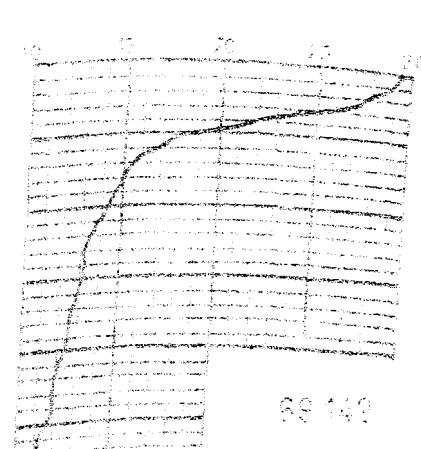
69148

le: 12 10 69 18.30 10

POS: 16° 40' N et 17° 05' W

fond: 110 m

t^0 29.42 $S\%$ 34.02



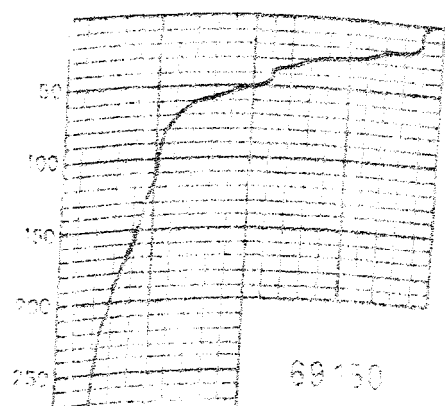
69149

le: 12 10 69 18.30 10

POS: 16° 40' N et 17° 05' W

fond: 110 m

t^0 29.42 $S\%$ 34.02



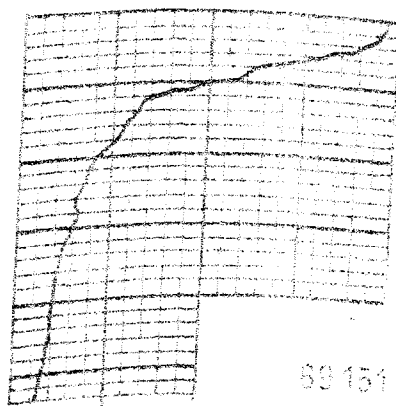
69150

le: 2 10 69 23.20 10

POS: 16° 42' N et 19° 03' W

fond: 110 m

t^0 29.31 $S\%$ 34.45



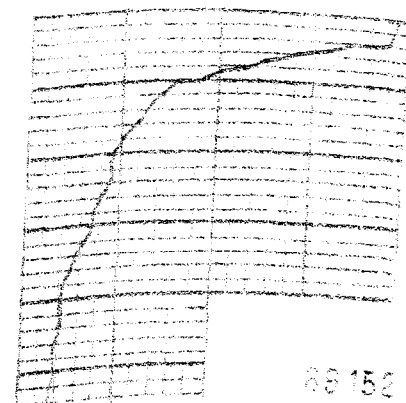
69151

le: 3 10 69 07.30 10

POS: 16° 44' N et 18° 03' W

fond: 110 m

t^0 29.31 $S\%$ 34.23



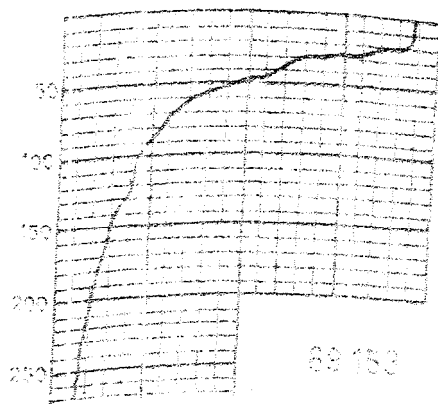
69152

le: 3 10 69 07.30 10

POS: 16° 44' N et 18° 03' W

fond: 110 m

t^0 29.31 $S\%$ 34.23



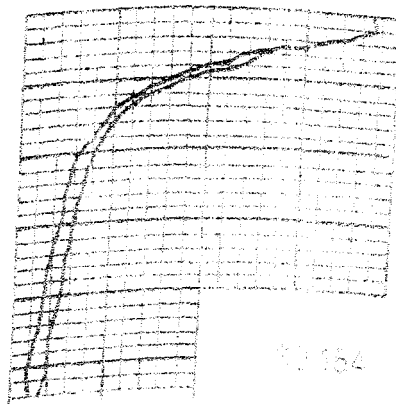
69153

le: 3 10 69 07.45 10

POS: 16° 47' N et 18° 43' W

fond: 110 m

t^0 28.03 $S\%$ 34.93



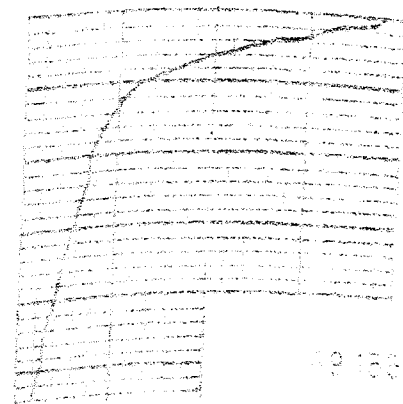
69154

le: 3 10 69 10.05 10

POS: 16° 49' N et 19° 00' W

fond: 110 m

t^0 28.67 $S\%$ 34.98



69155

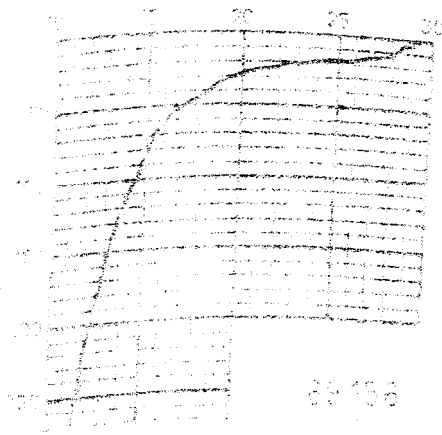
le: 3 10 69 10.25 10

POS: 16° 51' N et 19° 00' W

fond: 110 m

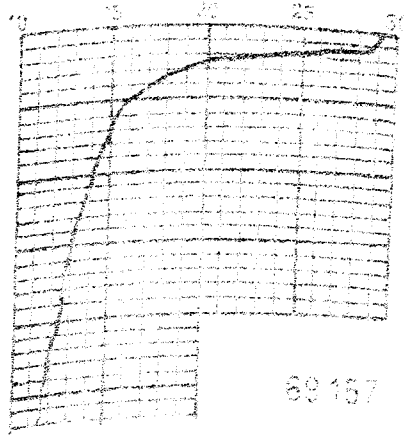
t^0 28.81 $S\%$ 34.84

69 155



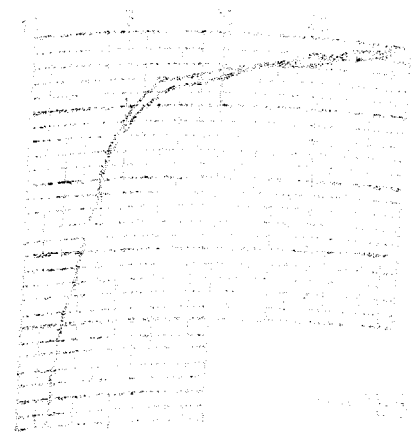
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94



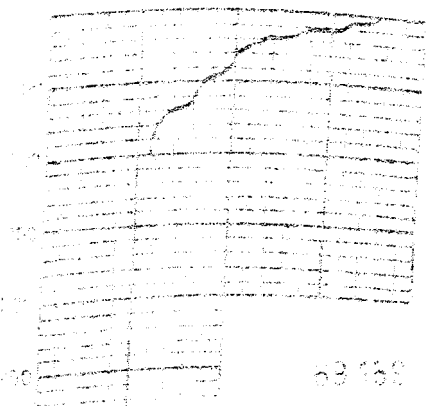
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.08 3% 35.01



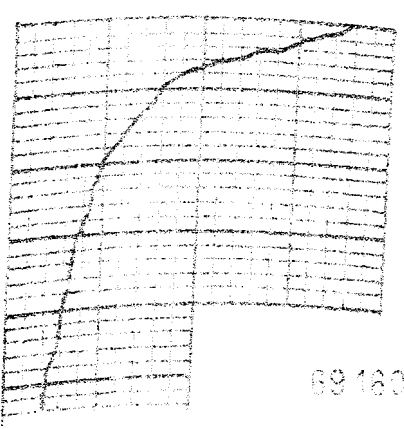
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94



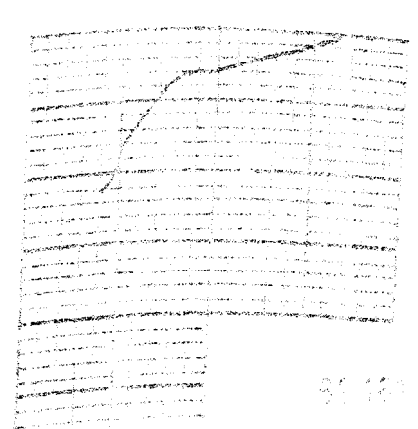
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94



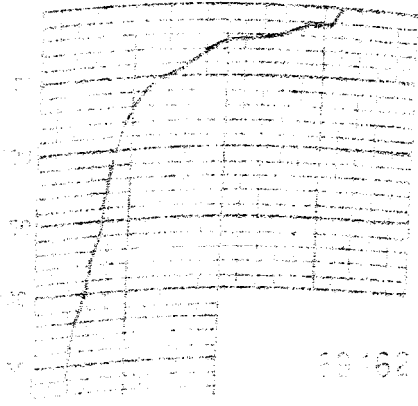
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.08 3% 35.01



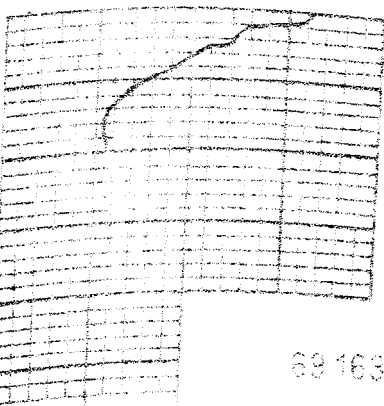
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94



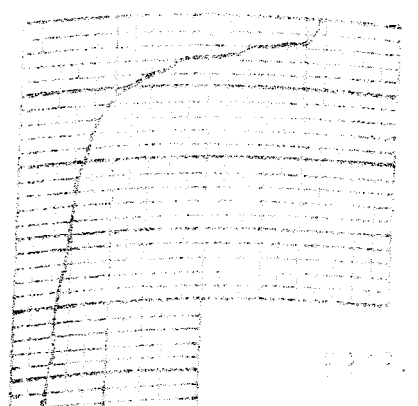
let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94



let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

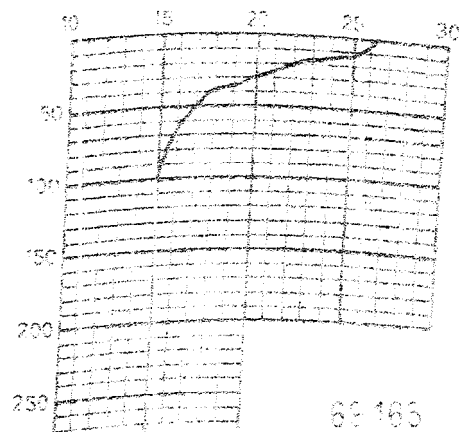
29.08 3% 35.01



let 24 10 60 07.05 fu.
0001 101 12 12 06 W
fond 116 fu

29.17 3% 34.94

PP 10 128



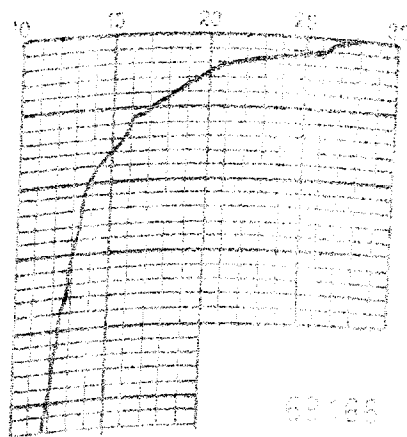
69-165

lat: 24 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10



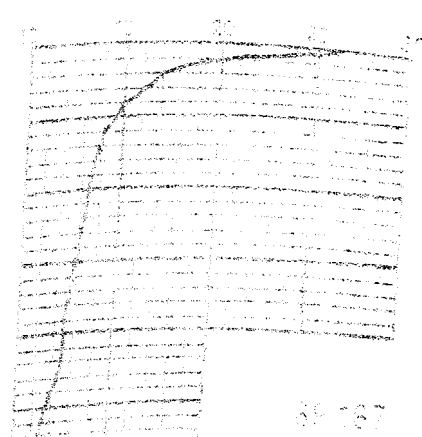
69-166

lat: 25 10 69 22.03 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.00 S/θ 34.75



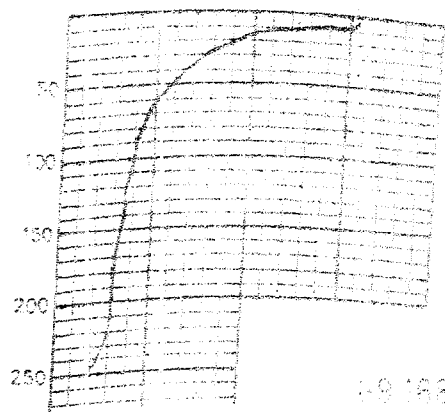
69-167

lat: 25 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10



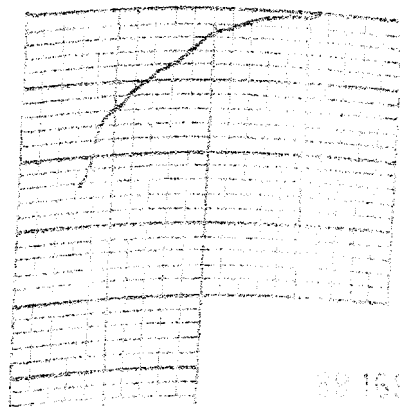
69-168

lat: 24 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10



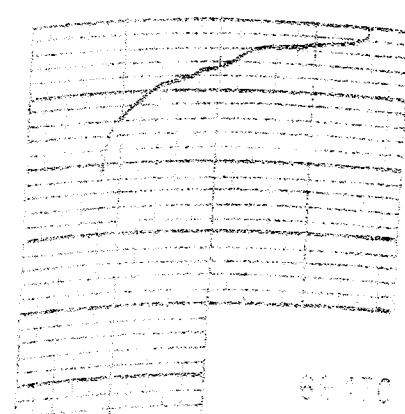
69-169

lat: 25 10 69 22.03 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.00 S/θ 34.75



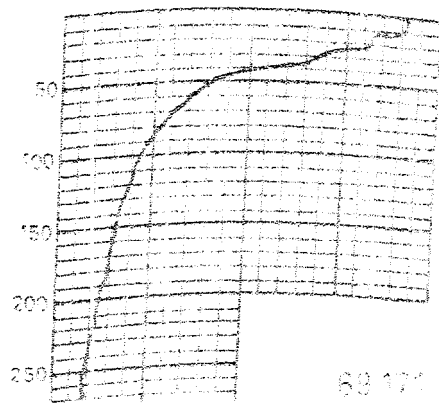
69-170

lat: 25 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10



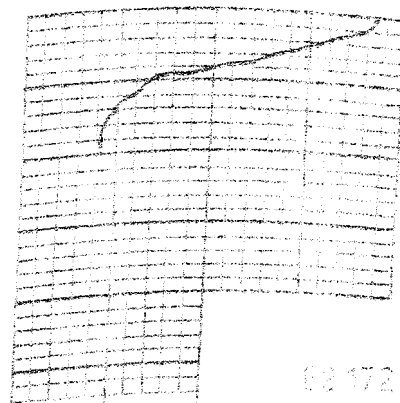
69-171

lat: 24 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10



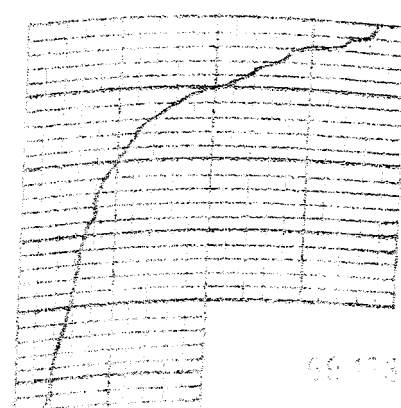
69-172

lat: 25 10 69 22.03 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.00 S/θ 34.75



69-173

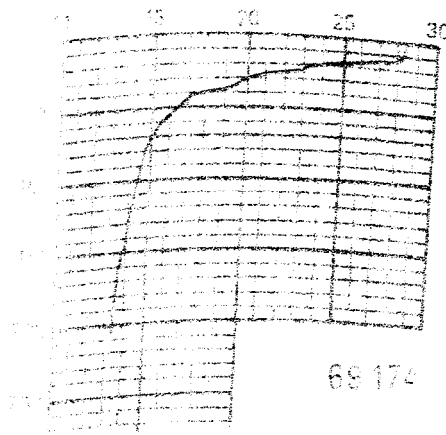
lat: 25 10 69 22.46 Lat.

pos: 40 40 N at 174 35 W

ford: 10.6 m

θ 25.15 S/θ 35.10

85 10 126



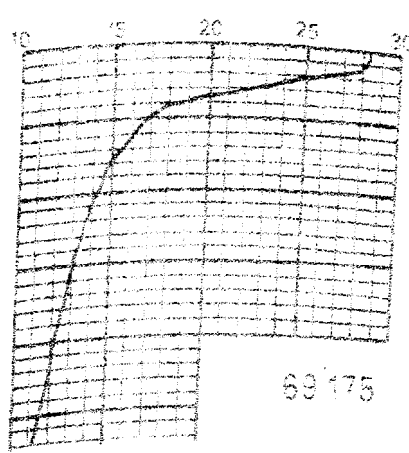
69174

le: 27.10.69 08.45 h.

pos: 12° 10' N et 17° 36' W

fond: 200 m

t° 28.25 S‰ 32.57



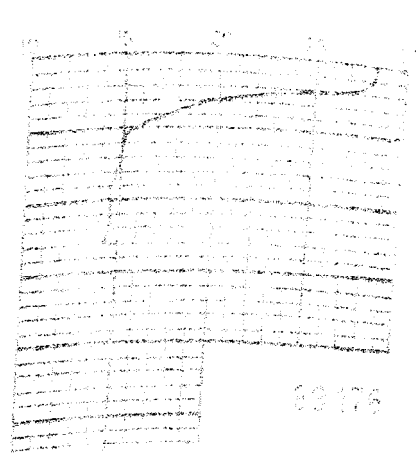
69175

le: 27.10.69 07.55 h.

pos: 12° 11' N et 17° 47' W

fond: >1500 m

t° 29.19 S‰ 32.50



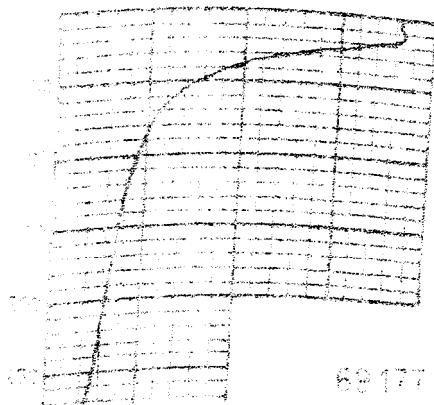
69176

le: 27.10.69 08.40 h.

pos: 12° 14' N et 17° 20' W

fond: 200 m

t° 28.01 S‰ 32.09



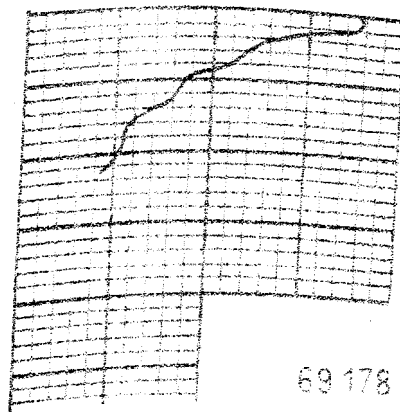
69177

le: 28.10.69 01.30 h.

pos: 12° 12' N et 17° 25' W

fond: 100 m

t° 28.51 S‰ 34.02



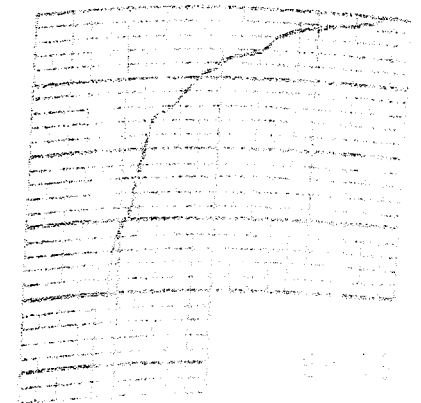
69178

le: 28.10.69 10.50 h.

pos: 12° 17' N et 17° 20' W

fond: 120 m

t° 27.81 S‰ 31.01



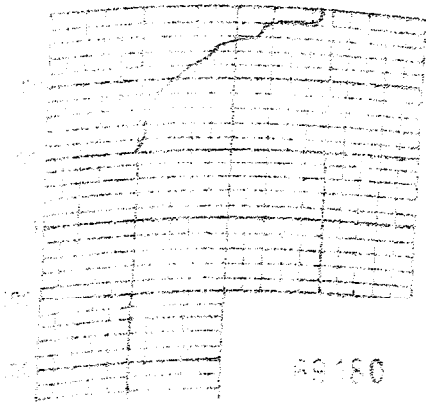
69179

le: 27.10.69 12.10 h.

pos: 12° 12' N et 17° 14' W

fond: 200 m

t° 28.21 S‰ 31.76



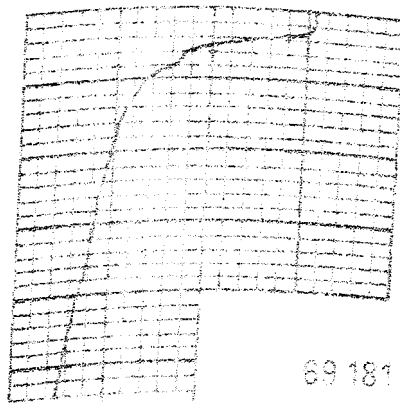
69180

le: 28.10.69

h.

pos: 12° 12' N et 17° 25' W

t° 28.51 S‰ 34.02



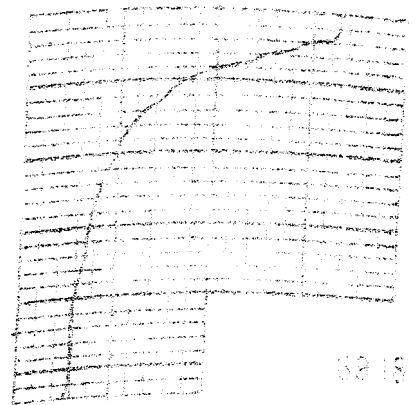
69181

le: 28.10.69 02.30 h.

pos: 12° 40' N et 17° 40' W

fond: 100 m

t° 25.34 S‰ 35.17



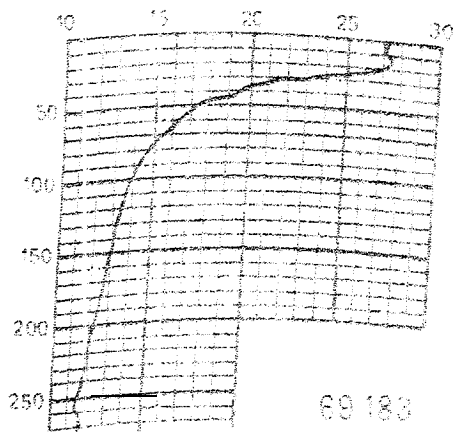
69182

le: 28.10.69 02.30 h.

pos: 12° 40' N et 17° 40' W

fond: 100 m

t° 25.34 S‰ 35.17



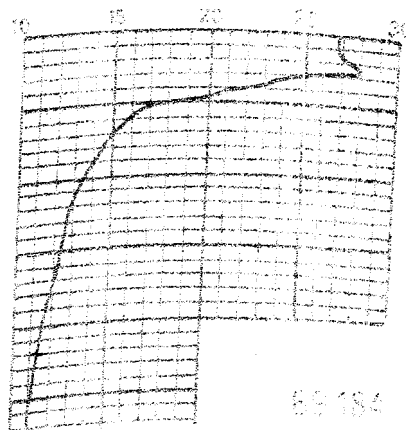
le: 4 12 69 10.23 LU

DOS: 14° 44' N et 16° 13' W

fond: — m

t^0 27.18

$S\%$ 34.97



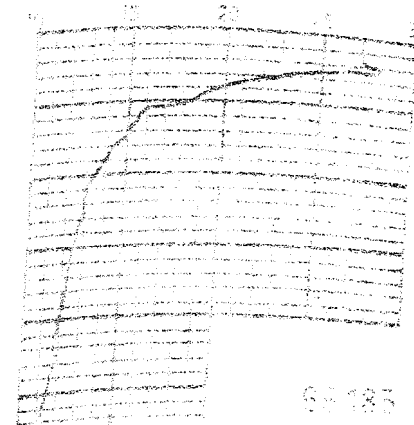
le: 4 12 69 12.45 LU

DOS: 16° 45' N et 15° 50' W

fond: — m

t^0 25.88

$S\%$ 34.19



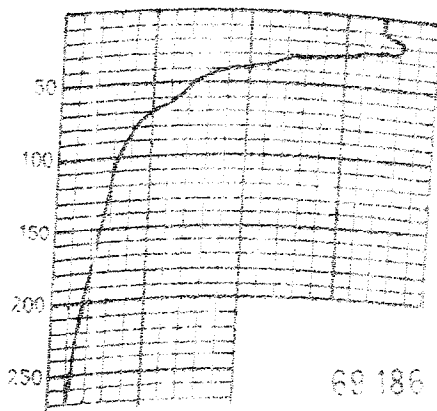
le: 4 12 69 16.15 LU

DOS: 14° 47' N et 12° 43' W

fond: — m

t^0 27.29

$S\%$ 33.99



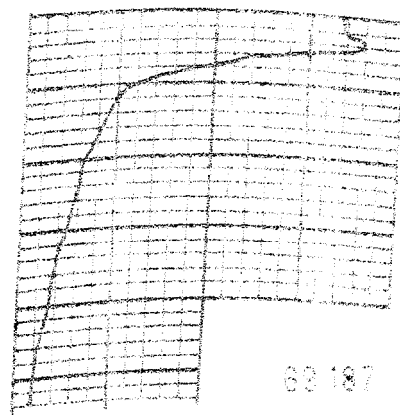
le: 4 12 69 18.40 LU

DOS: 14° 49' N et 19° 00' W

fond: — m

t^0 27.08

$S\%$ 23.54



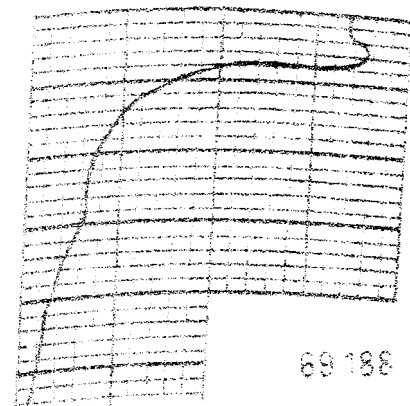
le: 4 12 69 22.10 LU

DOS: 14° 51' N et 13° 13' W

fond: — m

t^0 26.90

$S\%$ 32.53



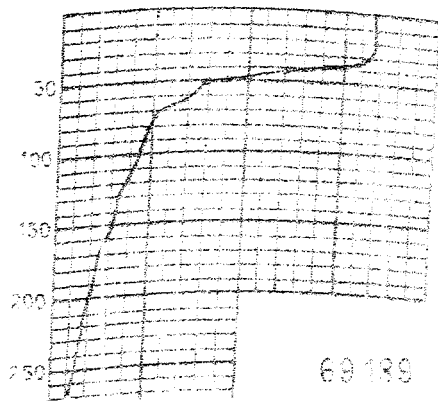
le: 4 12 69 20.40 LU

DOS: 14° 52' N et 19° 30' W

fond: — m

t^0 26.25

$S\%$ 33.86



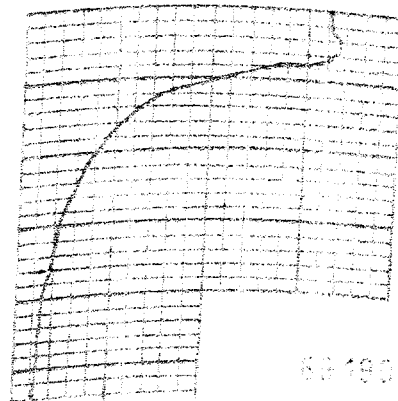
le: 4 12 69 04.18 LU

DOS: 14° 54' N et 0° 45' W

fond: — m

t^0 20.66

$S\%$ 33.71



le: 4 12 69 06.53 LU

DOS: 14° 56' N et 20° 00' W

fond: — m

t^0 26.15

$S\%$ 32.74

