Ministerie van Verkeer en Waterstaat
Directoraat-Generaal Rijkswaterstaat
Directie Zeeland
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van Verkeer en Waterstaat
-Generaal Rijkswaterstaat
eeland

D1:39996

DL: 39996

Stroom- en sedimentmeting Middelgat omgeving Baarland
3 maart 1994.

Meetdienst Zeeland

Notitie nr. ZLMD-94.N.008
Afdeling AXMH
Vlissingen, april 1994

ministerie van verkeer en waterstaat

rijkswaterstaat

directie zeeland
meetdienst zeeland

notitie

nummer: ZLMD-94.N.008

onderwerp: Meetresultaten Stroom- en sedimentmeting Middelgat omgeving Baarland

datum: 3 maart 1994

kode: 0414M9402

datum: april 1994

auteur: Verwerking Hydrografie

bijlagen: 21

Postbus 5116
4380 KC Vlissingen
pr. Hendrikweg 3
4382 NR Vlissingen
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1. ALGEMEEN

Voor de werken ten behoeve van de verdieping Westerschelde een aanvang nemen moeten er in verband met het intensiever gebruik van stortlokaties voor baggerslib stroom- en sedimentmetingen uitgevoerd worden.
De tweede zogenaamde TO-meting in het Middelgat ter hoogte van de Hoek van Baarland is uitgevoerd op 3 maart 1994. Voor de eerste meting welke is uitgevoerd op 17 januari 1994 zie notitie ZLMD-94.N.006. Er is ook nu gemeten in twee punten in het Middelgat en in één punt in het z.g. Boerengat.
Voor de situatie der meetpunten zie bijlage 1.

2. PLAATSBEPALING

De posities van de meetschepen werden aan boord van de schepen met het DGPS-plaatsbepalingssysteem bepaald.
De gemiddelde posities staan vermeld in bijlage 2.

3. UITVOERING

De stroomsnelheden werden met behulp van de Ott-molen, opgaand in de vertikaal, gemeten.
De stroomrichting werd bepaald met de ELMAR-stroomrichtingmeter.
Naast stroomsnelheid en -richting werd tevens zandconcentratie (-transport) gemeten met de AZTM, alsmede slibconcentratie (-transport) met de PARTECH.
Bijlage 3 toont een overzicht van de uitgevoerde metingen.
De AZTM/PARTECH-meting op meetpunt 2 is onderbroken omdat de instrumenten zich te veel aan de lij-zijde van het schip bevonden.
De metingen op meetpunt 3 zijn later begonnen dan de bedoeling was in verband met problemen met het ten anker komen (slechte ankergrond). De onderbreking in de metingen is vanwege het droogvallen van de geuluitloop en daardoor het wegvallen van de stroming.
T.b.v. de slibmetingen zijn voor het bepalen van de PARTECH-ijklijnen regelmatig watermonsters genomen.
Voor de bepaling van de AZTM-ijklijnen zijn enkele zout/temperatuur vertikalen gemeten aan boord van de Argus.

4. VERTIKAAL GETIJ

Het vertikaal getij werd bepaald aan de registrerende peilschrijver van Hansweert HANS (X=58390; Y=384990) welke grafisch is uitgezet in bijlage 4.

De gemiddelde getijgegevens over de periode 1971-1980 van station Hansweert zijn:

WATERSTANDEN IN M TEN OPZICHTE VAN N.A.P.			
GETIJ	H.W.	L.W.	TIJVERSCHIL IN M
Gemiddeld springtij	2.68	- 2.35	5.03
Gemiddeld getij	2.35	- 2.12	4.47
Gemiddeld doodtij	1.88	- 1.78	3.66

OPGETREDEN GETIJ STATION HANSWEERT				
DATUM	M.E.T.	H IN M	TIJVERSCHIL IN M	GETIJCOËFFICIËNT TEN OPZICHTE VAN GEMIDDELD GETIJ
03-03-1994	06.20	2.87		
03-03-1994	13.15	- 2.56	eb 5.43	1.21477
03-03-1994	19.20	2.56	vloed 5.12	1.14541
04-03-94	00.55	- 1.67	eb 4.23	0.94631

5. WEERSOMSTANDIGHEDEN

Gedurende de gehele meting stond er een vrij krachtige wind van 7-10 m/sec (4/5 Beaufort) eerst uit het zuid-zuidwesten en tijdens de laatste uren van de meting uit het west-noordwesten.

De windsnelheid en -richting werd gemeten aan de meetopstelling Hansweert (HAWI). Deze gegevens zijn uitgezet in bijlage 5.

6. VERWERKING

- Stroommeting (ELMAR)

Na controle van de ruwe gegevens zijn de stroomvertikalen getekend (bijlage 6) en de stroomsnelheids- en stroomrichtingsgrafieken als functie van de tijd (bijlage 7).

- Zandmeting (AZTM)

De gemeten zandconcentraties en het daaruit afgeleide zandtransport zijn met de voor het betreffende instrument geldende ijklijn gecorrigerd. Zie voor de ijklijnen bijlage 8. Deze ijklijnen zijn bepaald in het Waterloopkundig Laboratorium Delft uit meetresultaten in zoet water (Saliniteit = 0 promille) en herleid naar een temperatuur van 15°C (Kt = 1) en aangepast naar de omstandigheden tijdens de meting van 3 maart 1994, nl. een watertemperatuur van 3,6°C, en een saliniteit van 20,1 promille waarbij Kt = 0,881115.

Uit de gecorrigeerde gegevens zijn de vertikalen, stroomsnelheid en -richting getekend in combinatie met de zandconcentratie (bijlage 9). In bijlage 10 zijn dezelfde stroomsnelheidsvertikalen getekend maar dan in combinatie met het zandtransport. In deze bijlage is tevens een tabel opgenomen met het gemiddeld totaaltransport per vertikaal. De gemiddelde stroomsnelheden en -richting zijn tegen de tijd uitgezet in samenhang met de gemiddelde concentratie (bijlage 11) en in de bijlage 12 in combinatie met het totaaltransport. Per vast meetniveau zijn de meetresultaten gepresenteerd in combinatie met de zandconcentratie (bijlage 13) en in bijlage 14 gecombineerd met het zandtransport.

- Slibmeting (PARTECH)

Tijdens de meting zijn monsters genomen om aan de hand daarvan de PARTECH gegevens te corrigeren. De daaruit voortgekomen ijklijnen zijn gepresenteerd in bijlage 15. De bijlage 16 t/m 21 tonen dezelfde presentatie voor wat betreft de slibresultaten als de bijlage 9 t/m 14 voor de zandresultaten (concentratie - transport).

7. GEGEVENSOPSLAG

Alle gegevens zijn opgeslagen in de database van de HP1000 met uitzondering van AZTM en PARTECH gegevens welke op systeem-2 van de HP1000 staan opgeslagen om vervolgens op tape te worden gezet. In de database zijn de volgende 10-minuutbestanden aanwezig:

SGO2: gemiddelde vertikaalgegevens (snelheid-richting);
WTO2: gecorrigeerde waterstanden;
HWO2: hoog- en laagwaterstanden;
WIO2: windgegevens.

OMSCHRIJVING	LOKATIENAAM	LOKATIENUMMER	SOORT/FASE
Lodijcke	LOD1	- 104	SGO2
Argus	ARG1	- 384	SGO2
Sierix	SIE1	- 102	SGO2
Hansweert	HANS	120	WTO2/HWO2
Hansweert	HAWI	816	WIO2

De gevalideerde AZTM-gegevens staan opgeslagen onder de volgende filenamen:

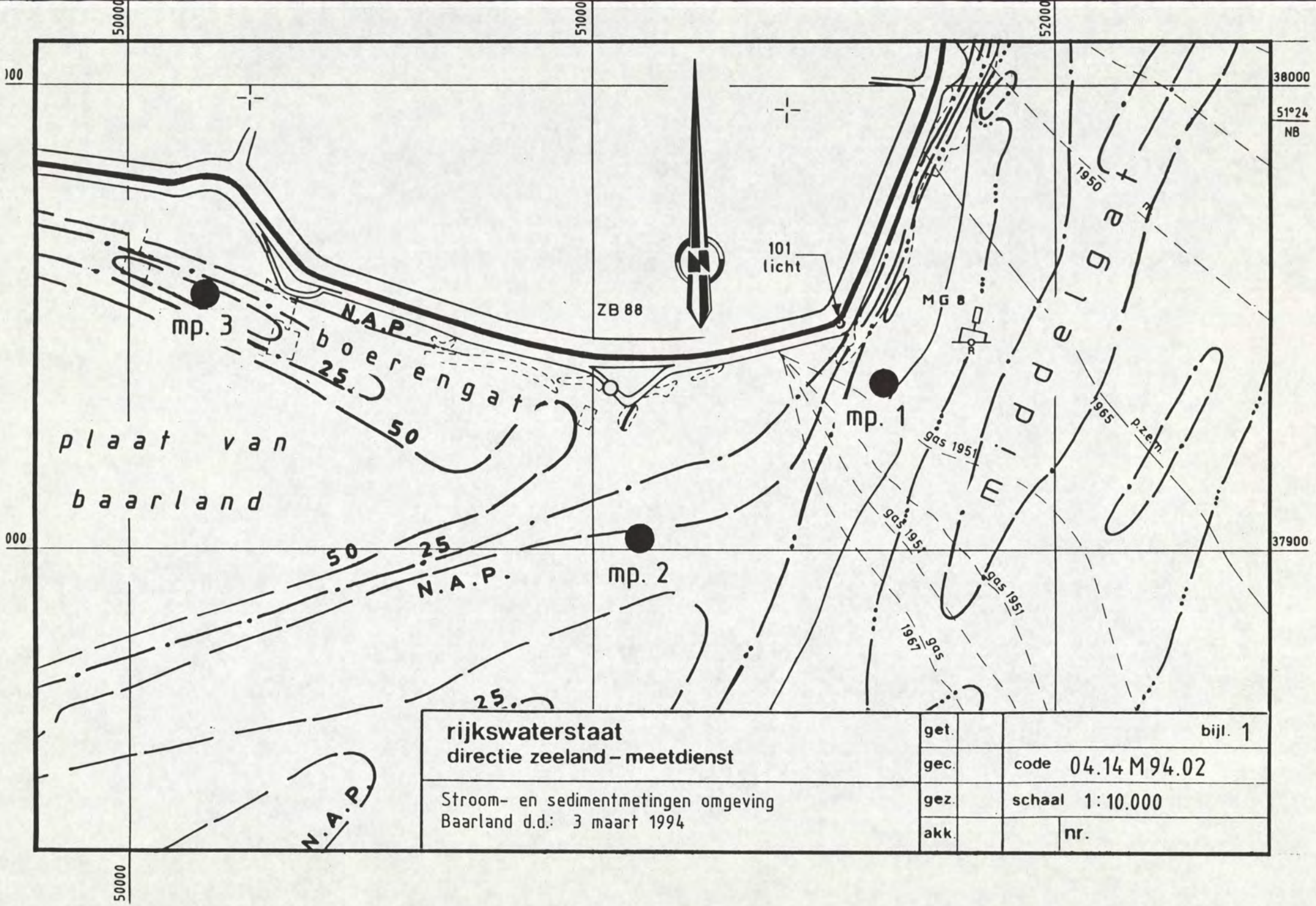
mp.1, Lodijcke : AZTM07V94030306.DAT;
mp.2, Argus : AZTM05V94030306.DAT;
mp.3, Sierix : AZTM09V94030308.DAT.

De gevalideerde PARTECH-gegevens staan opgeslagen onder de volgende filenamen:

mp.1, Lodijcke : AZTMPGV94030306.DAT;
mp.2, Argus : AZTMPEV94030306.DAT;
mp.3, Sierix : AZTMPIV94030308.DAT.

8. LIJST VAN BIJLAGEN

1. Situatie meetgebied
2. Posities meetschepen
3. Overzicht uitgevoerde metingen
4. Opgetreden getij
5. Wind- en getijgegevens
6. Stroomvertikalen
7. Stroomsnelheids-en stroomrichtingsgrafieken
8. IJklijnen AZTM
9. Vertikalen - zandconcentratie
10. Vertikalen - zandtransport + tabel totaal transport
11. Gemiddelde krommen - zandconcentratie
12. Gemiddelde krommen - zandtransport
13. Krommen per meetniveau - zandconcentratie
14. Krommen per meetniveau - zandtransport
15. IJklijnen PARTECH
16. Vertikalen - slibconcentratie
17. Vertikalen - slibtransport + tabel totaal transport
18. Gemiddelde krommen - slibconcentratie
19. Gemiddelde krommen - slibtransport
20. Krommen per meetniveau - slibconcentratie
21. Krommen per meetniveau - slibtransport


50000
51000
52000
38000
51°24
NB
37900
50000
101
licht
ZB 88
MG 8
mp. 1
mp. 2
mp. 3
N.A.P.
boerengat
plaat van
baarland
Middelgat
1950
1965
pzem
gas 1951
gas 1951
gas 1951
gas
1967
25
50
25
50
25
N.A.P.
N.A.P.
rijkswaterstaat
directie zeeland – meetdienst
Stroom- en sedimentmetingen omgeving
Baarland d.d.: 3 maart 1994
get.
gec.
gez.
akk.
bijl. 1
code 04.14 M 94.02
schaal 1:10.000
nr.

Meting: Stroom- en Sedimentmeting omgeving Baarland
d.d.: 3 maart 1994

Meetraai: nulpunt: X= Y=
argument: graden

Meetraai: nulpunt: X= Y=
argument: graden

mp nr.	meetvaartuig	gemiddelde positie		afstand uit nulpunt	opmerkingen
		X	Y		
1	Lodycke	51633	379367		hoofdrichting vloed 40°
2	Argus	51118	379011		hoofdrichting vloed 65°
3	Sierix	50161	379557		hoofdrichting vloed 115°

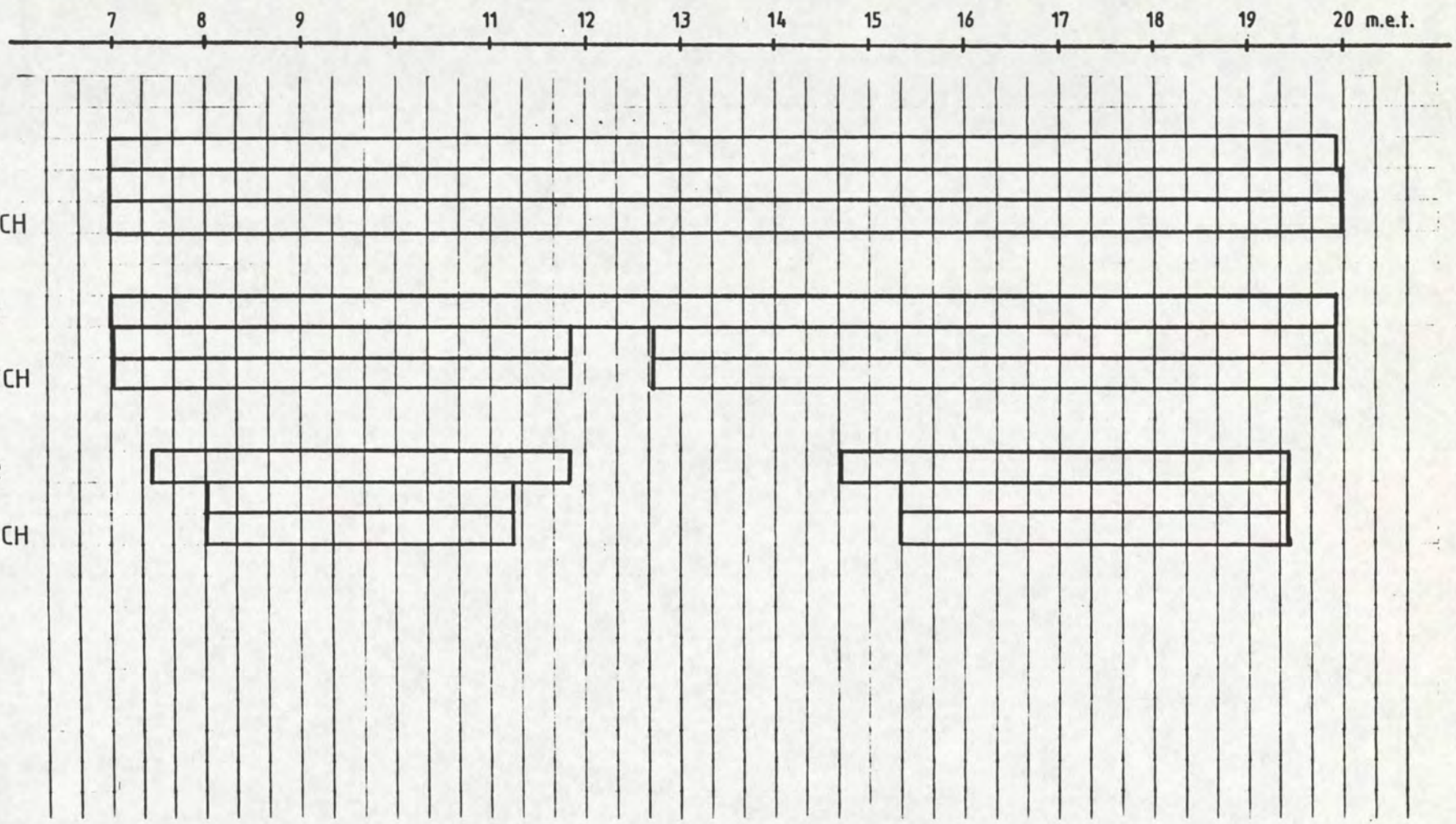
RIJKSWATERSTAAT
directie Zeeland - meetdienst

code: 0414M9402

Posities meetpunten

bijlage: 2

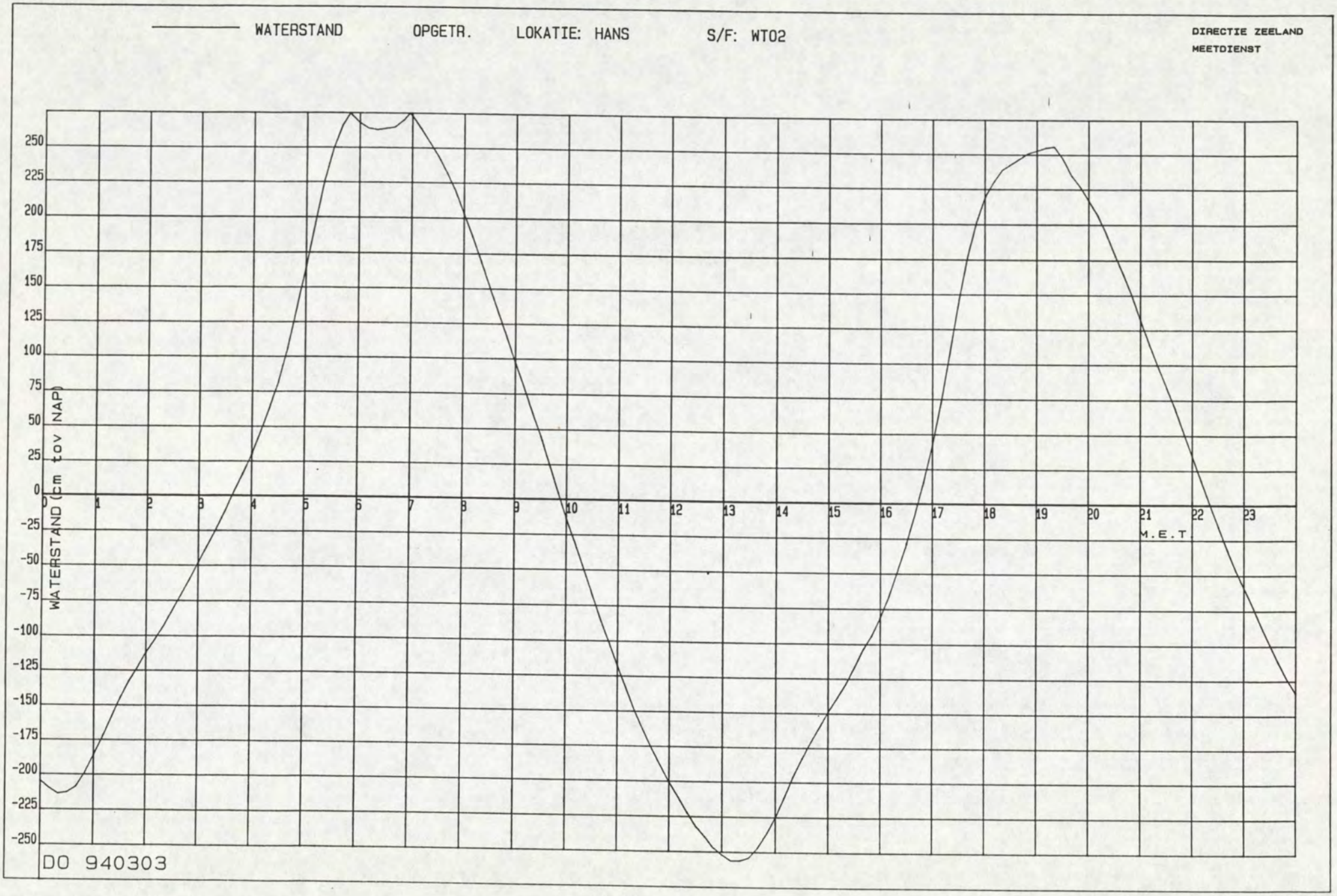
MEETRAAI:



storingen

rijkswaterstaat **directie zeeland – meetdienst**	get.		bijl. 3
	gec.		code 04.14 M 94.01
OVERZICHT METINGEN d.d: 3 maart 1994	gez.		schaal
	akk.		nr.

4. Opgetreden getij


WATERSTAND
OPGETR.
LOKATIE: HANS
S/F: WT02
DIRECTIE ZEELAND
MEETDIENST
WATERSTAND (cm tov NAP)
250
225
200
175
150
125
100
75
50
25
0
-25
-50
-75
-100
-125
-150
-175
-200
-225
-250
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
M.E.T.
DO 940303

/OV/STROOM/UIT2

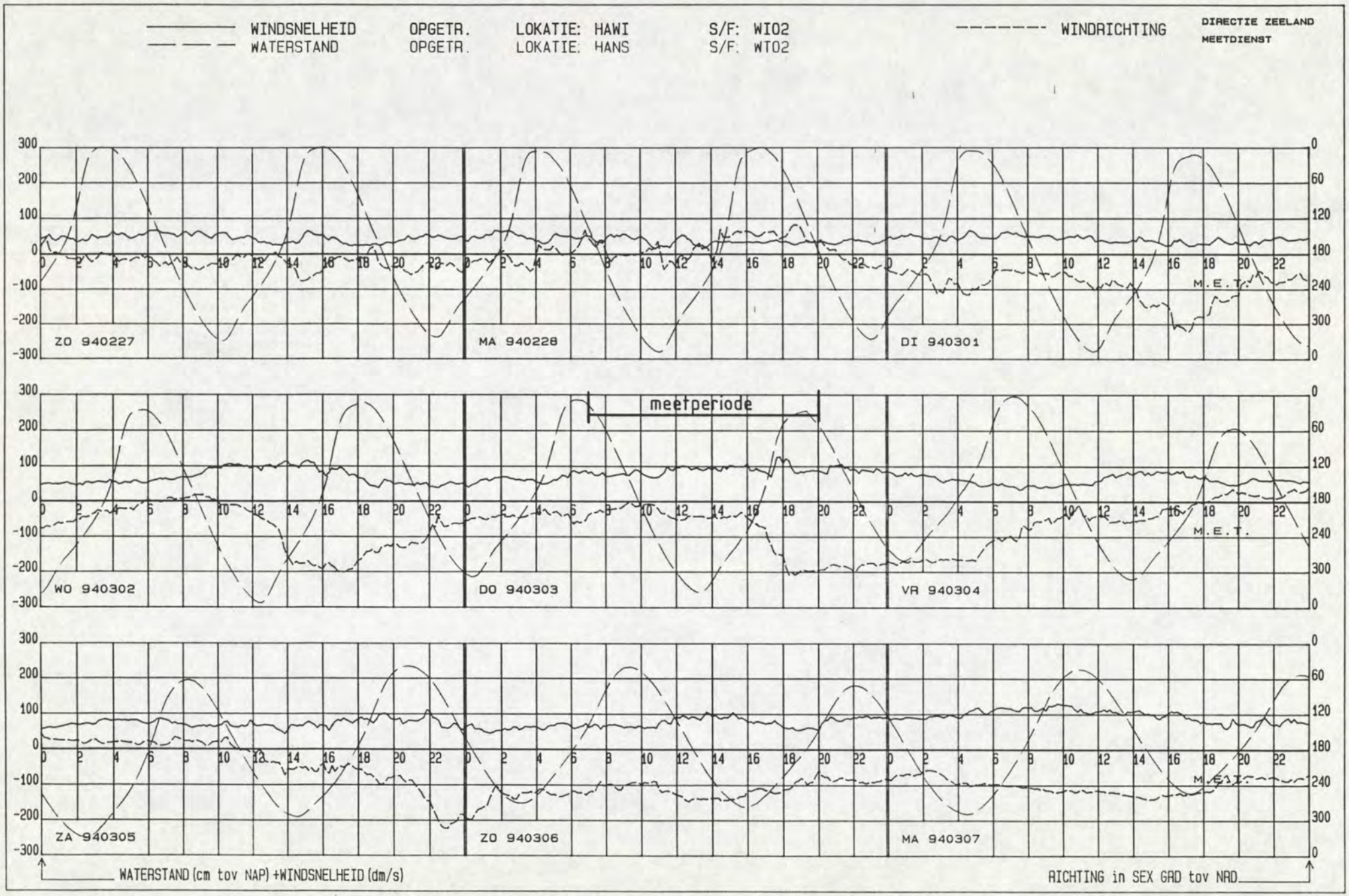
A L G P R - L I J S T -pag. 01- datum/tijd: 940321.1057

locatie: 120 oms: HANS (HANSWEERT)
soortf.: WT02 oms: WATERSTANDEN
kanalen: 1

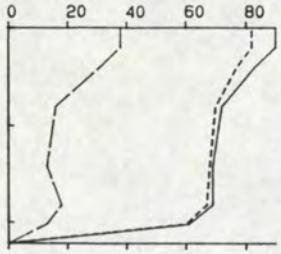
940303

	00	10	20	30	40	50
00:	-205	-210	-214	-213	-209	-199
01:	-186	-173	-159	-145	-133	-123
02:	-112	-103	-93	-82	-71	-60
03:	-48	-36	-24	-11	3	16
04:	30	46	63	82	106	135
05:	164	195	225	249	266	276
06:	282	286	287	286	285	280
07:	273	264	254	244	232	219
08:	203	187	170	152	134	116
09:	97	80	62	45	25	5
10:	-14	-31	-49	-67	-85	-101
11:	-118	-134	-150	-164	-177	-189
12:	-201	-211	-222	-232	-239	-247
13:	-252	-256	-256	-254	-247	-237
14:	-225	-211	-196	-183	-171	-160
15:	-149	-139	-129	-117	-104	-94
16:	-81	-66	-48	-29	-7	16
17:	42	73	109	145	177	201
18:	219	230	239	243	247	251
19:	253	255	256	247	235	227
20:	217	207	194	179	165	150
21:	132	115	99	84	69	52
22:	35	18	1	-15	-31	-46
23:	-59	-72	-86	-99	-112	-124

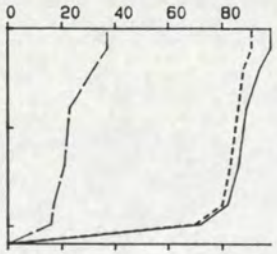
5. Wind- en getijgegevens


WINDSNELHEID OPGETR. LOKATIE: HAWI S/F: WI02
WATERSTAND OPGETR. LOKATIE: HANS S/F: WT02
WINDRICHTING
DIRECTIE ZEELAND
MEETDIENST
ZO 940227
MA 940228
DI 940301
WO 940302
DO 940303
VR 940304
ZA 940305
ZO 940306
MA 940307
meetperiode
M.E.T.
WATERSTAND (cm tov NAP) +WINDSNELHEID (dm/s)
RICHTING in SEX GRD tov NAD

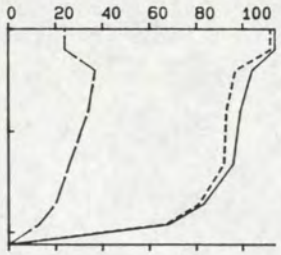
6. Stroomvertikalen



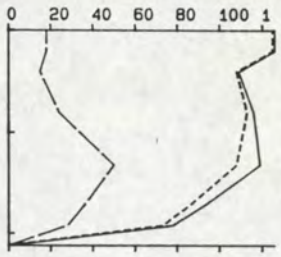
6.59 7.07 111
70 68 20 204



7.11 7.20 109
83 80 23 204



7.24 7.36 106
91 88 26 204



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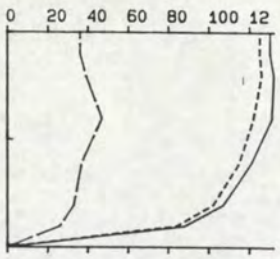

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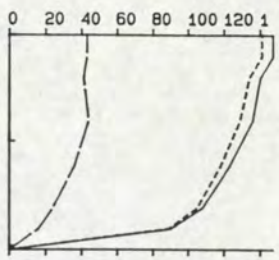

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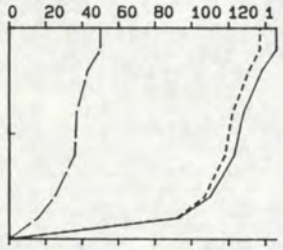

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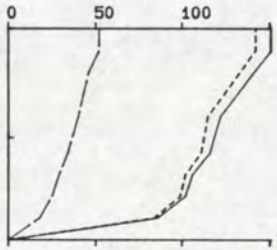
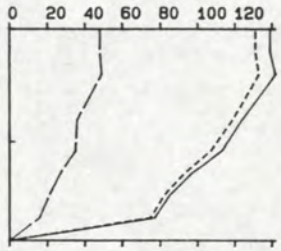
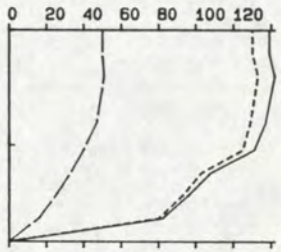


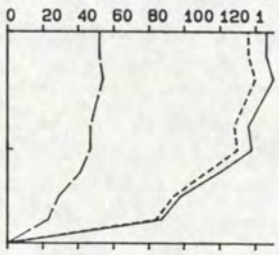
8.30 8.39 97
115 109 35 202



8.42 8.51 94
109 104 33 202



8.57 9.07 92
116 110 37 201



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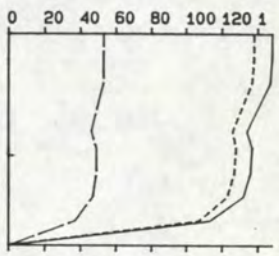
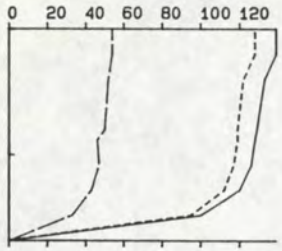
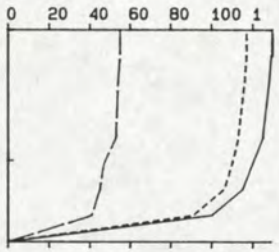


9.21 9.33 87
129 121 45 199



9.35 9.45 84
119 110 45 198



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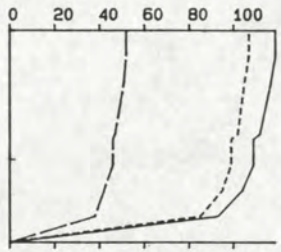
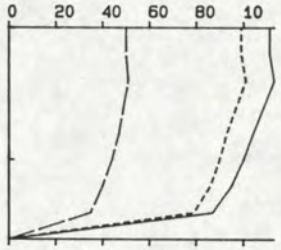
114 103 47 196



10.00 10.10 82
103 94 44 195



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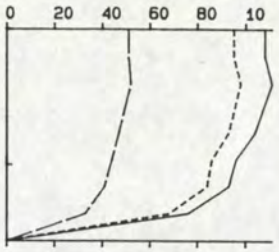
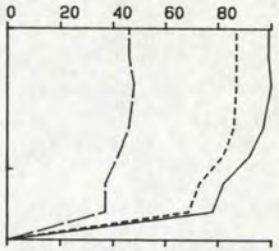
97 87 43 194



10.24 10.33 78
93 83 43 193



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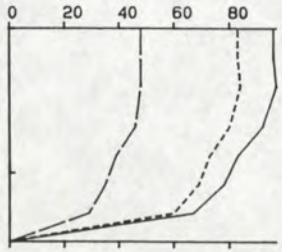

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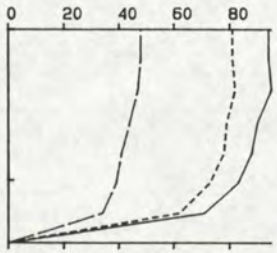
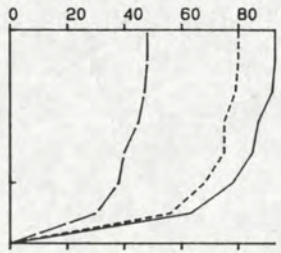


10.57 11.05 71
81 71 40 191



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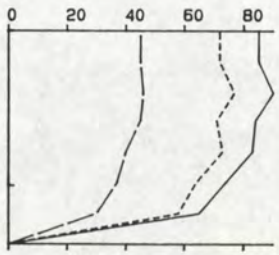


11.17 11.25 69
75 64 38 190

TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

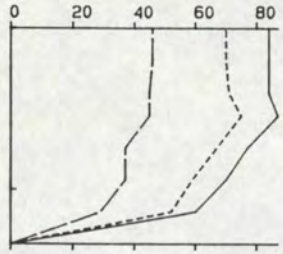
STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 1 LOKATIE : LOD1(-104)

X : 51633.00 Y : 379367.00

DATUM : 940303 CODE: 0414M

A3. 0001



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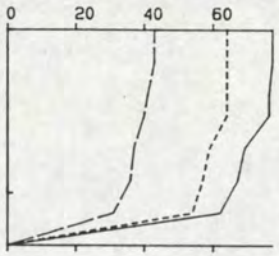

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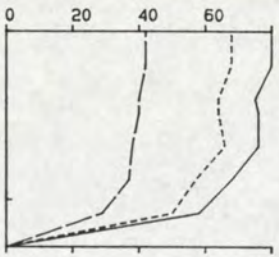

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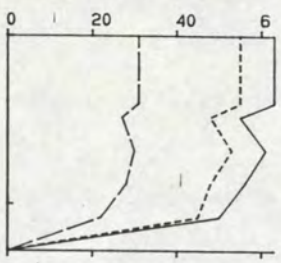

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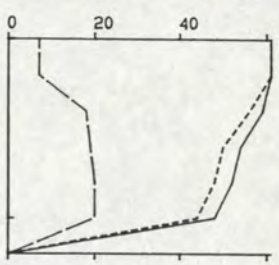

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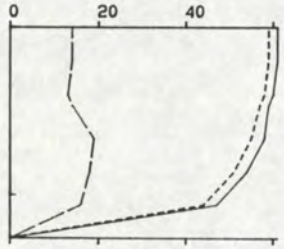

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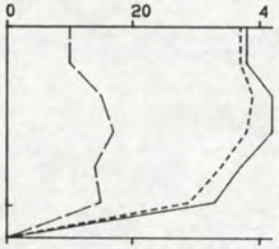

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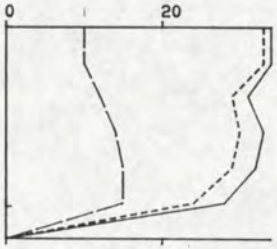

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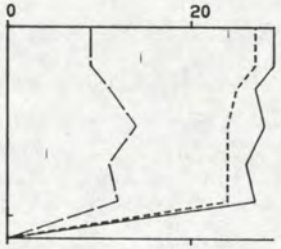

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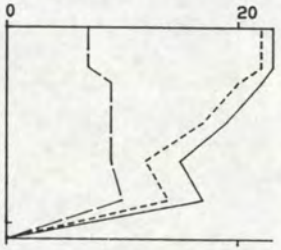

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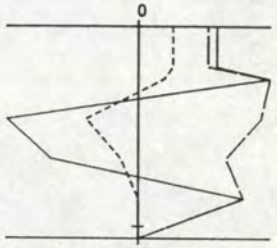

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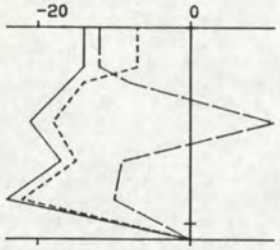

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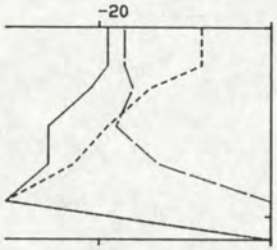

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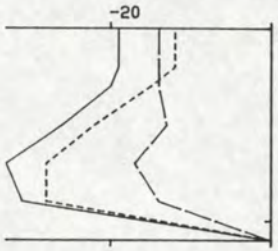

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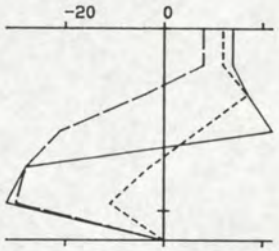

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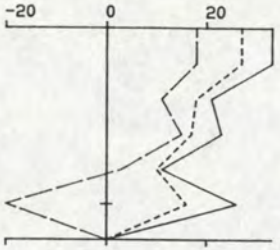

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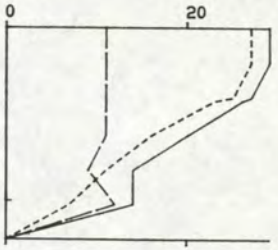

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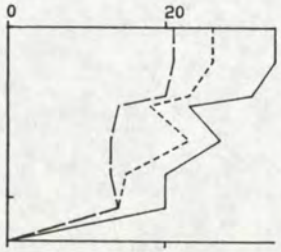

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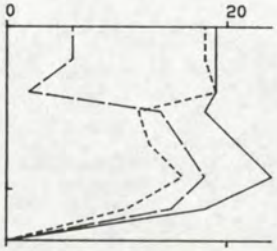

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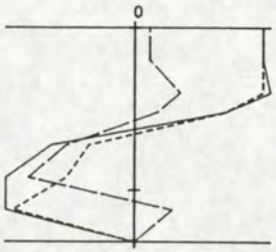

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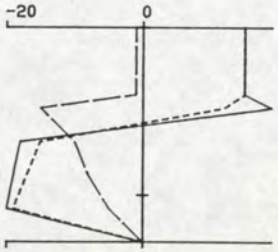

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TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

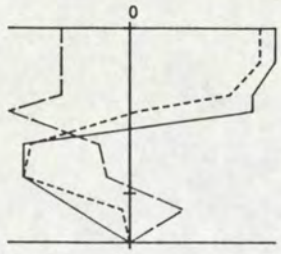
STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 1 LOKATIE : LOD1(-104)

X : 51633.00 Y : 379367.00

DATUM : 940303 CODE: 0414M

A3. 0002



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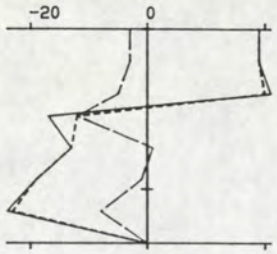

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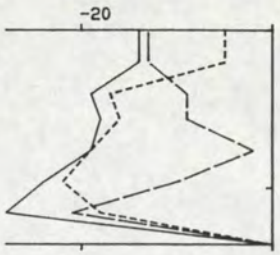

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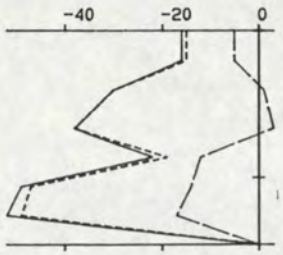

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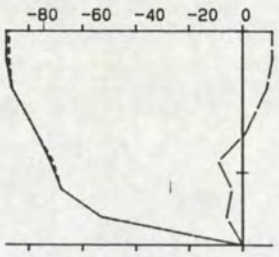

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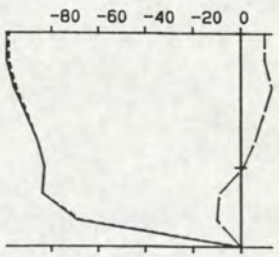

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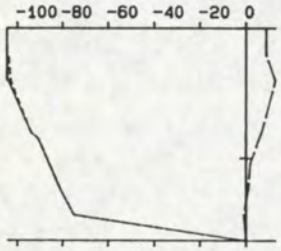

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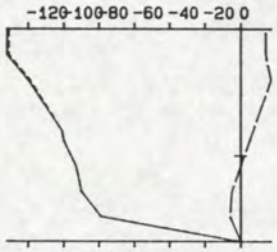

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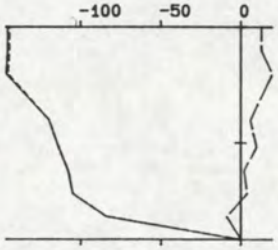

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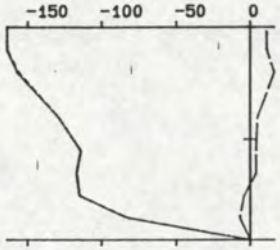

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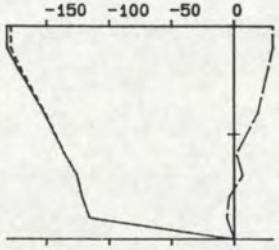

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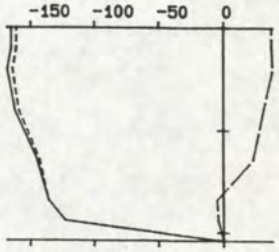

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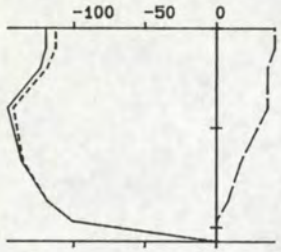

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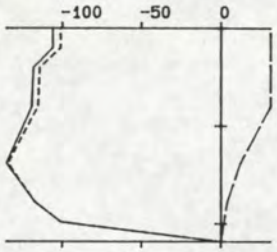

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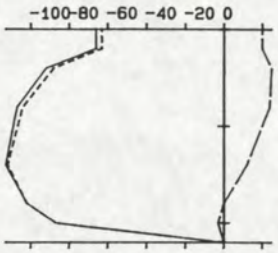

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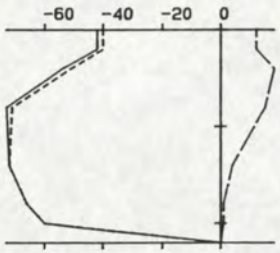

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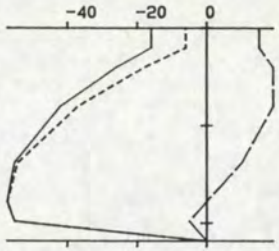

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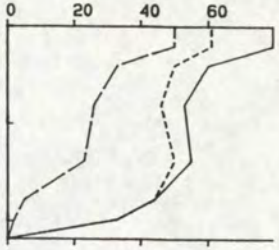

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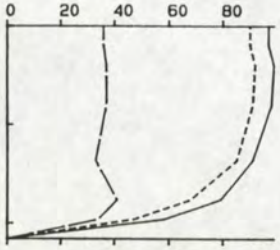

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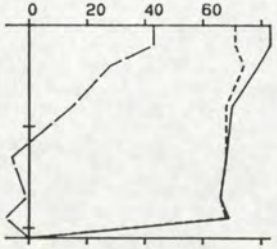

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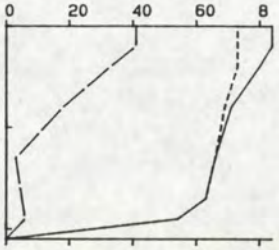

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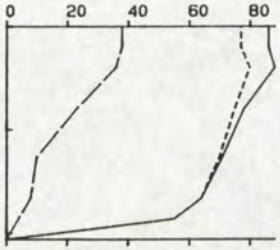


19.48 19.56 103
70 68 19 204

TOELICHTING OP DE VERTIKALEN

_____ V - - - - - - - VSIN _ _ _ _ VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

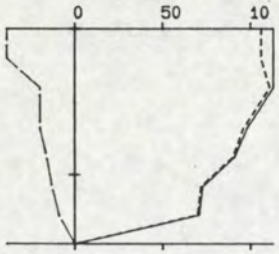
STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 1 LOKATIE : LOD1 (-104)

X : 51633.00 Y : 379367.00

DATUM : 940303 CODE: 0414M

A3. 0003



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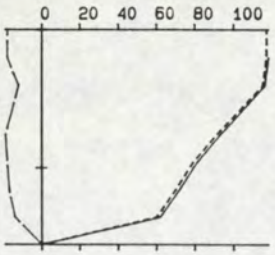

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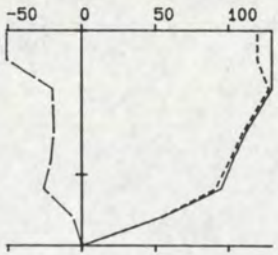

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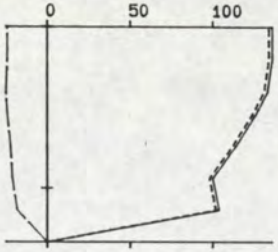

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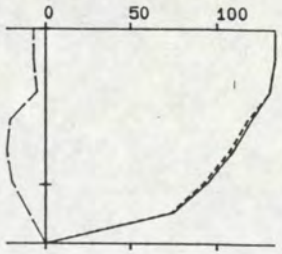

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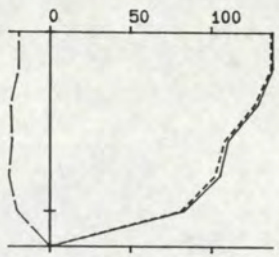

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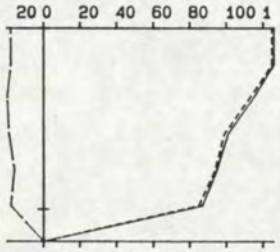

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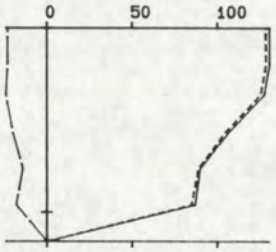

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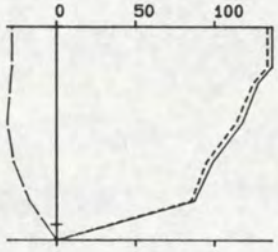

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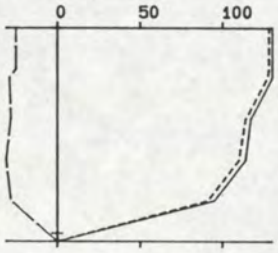

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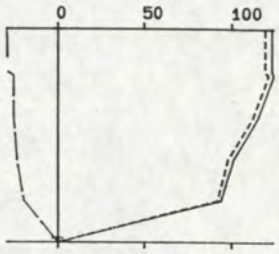

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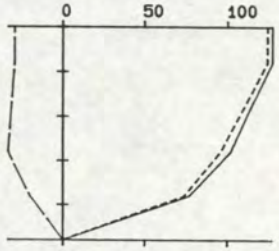

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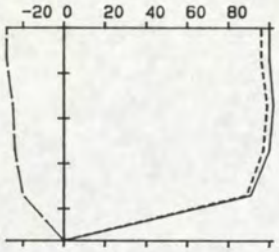

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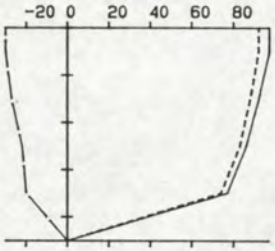

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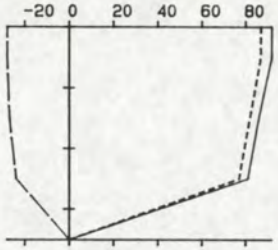

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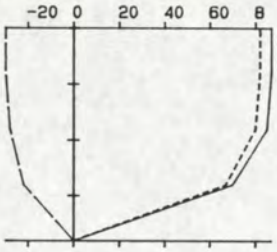

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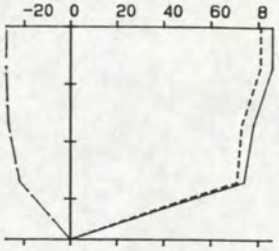

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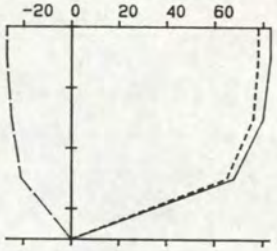

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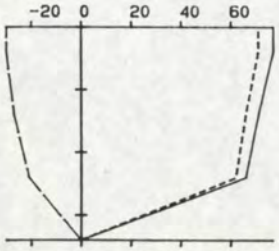

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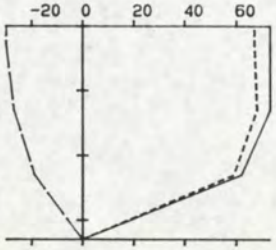

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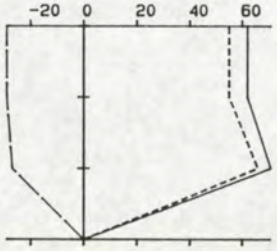

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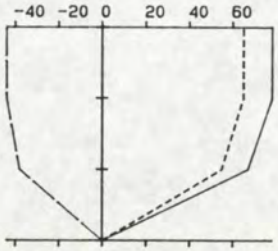

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TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 2 LOKATIE : ARG1(-384)

X : 51118.00 Y : 379011.00

DATUM : 940303 CODE: 0414M

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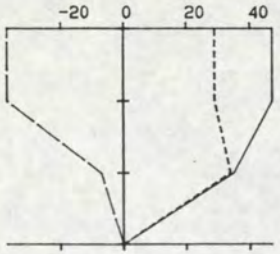

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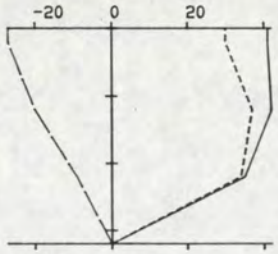

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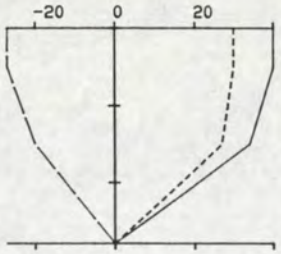

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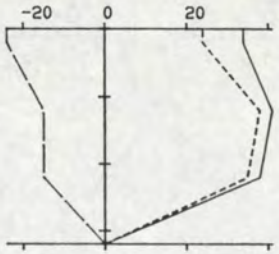

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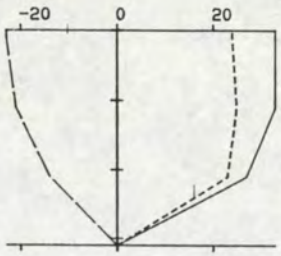

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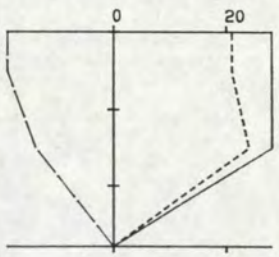

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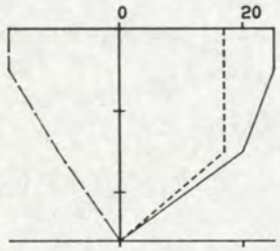

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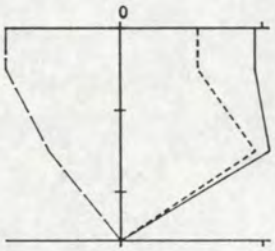

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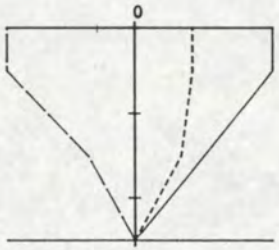

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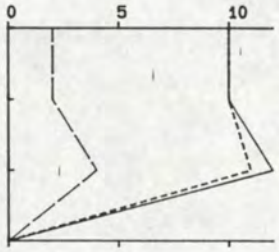

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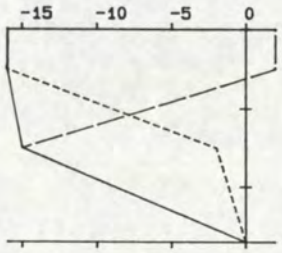

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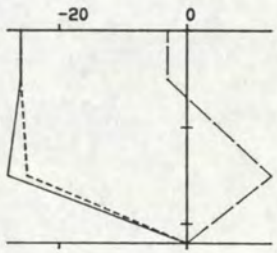

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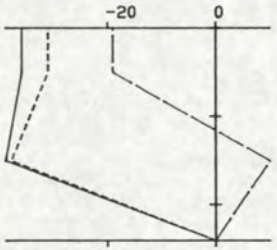

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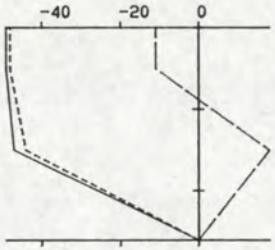

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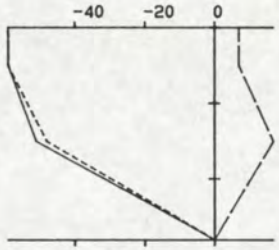

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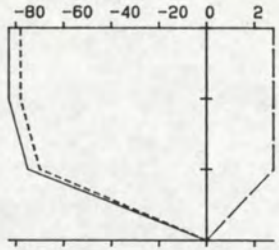

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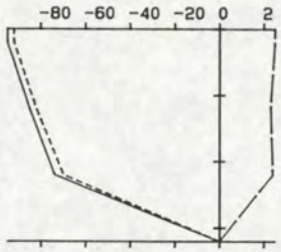

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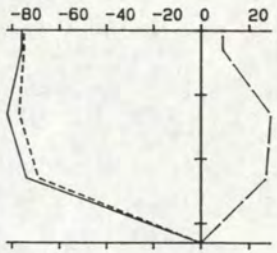

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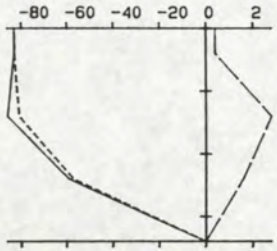

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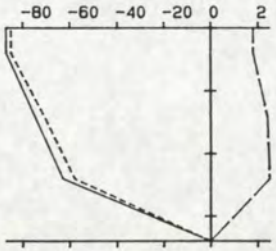

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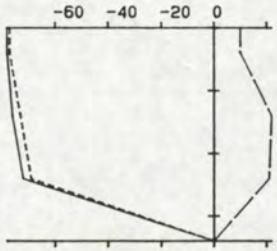

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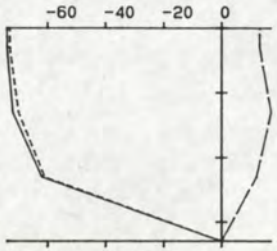

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TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 2 LOKATIE : ARG1(-384)

X : 51118.00 Y : 379011.00

DATUM : 940303 CODE: 0414M

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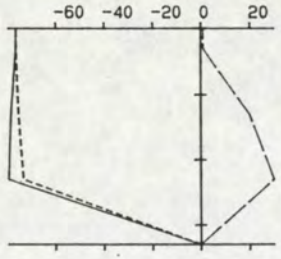

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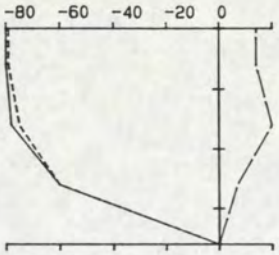

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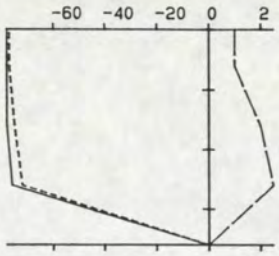

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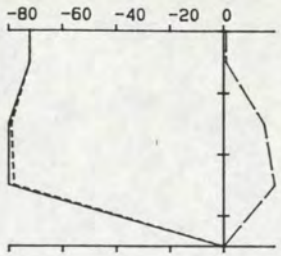

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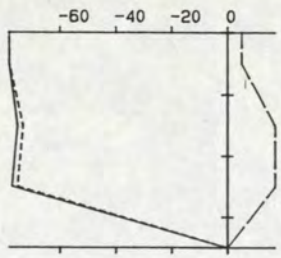

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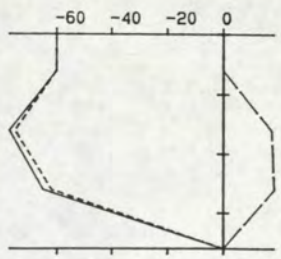

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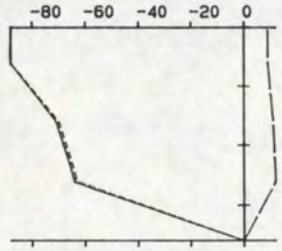

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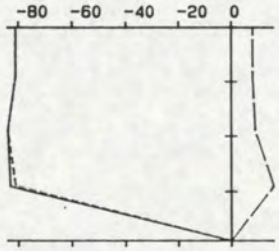

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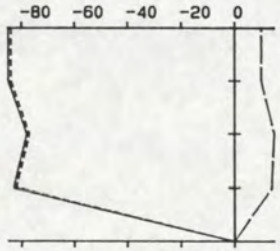

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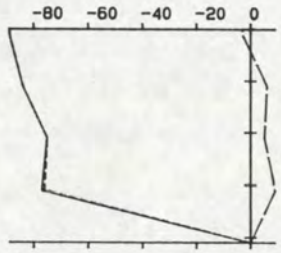
-72 -71 11 74



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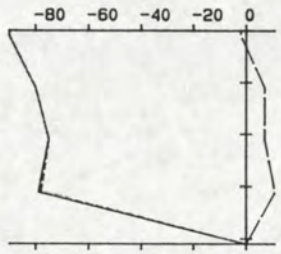

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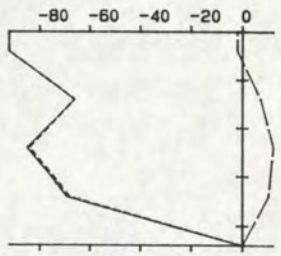

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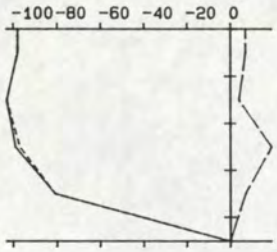

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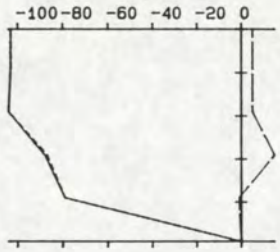

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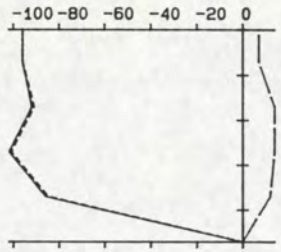

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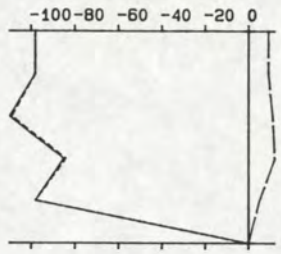

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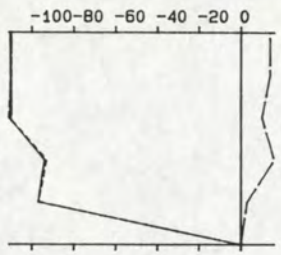

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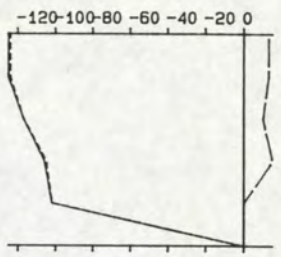

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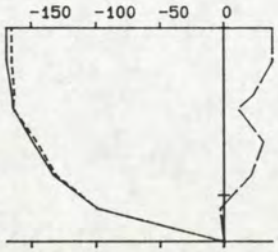

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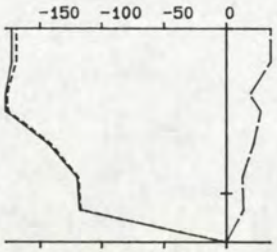

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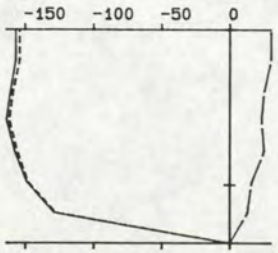

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TOELICHTING OP DE VERTIKALEN

_____ V - - - - - - - VSIN _ _ _ _ VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

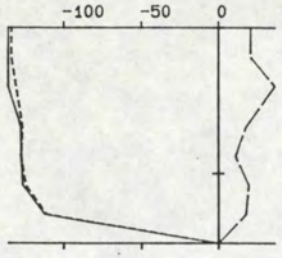
STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 2 LOKATIE : ARG1 (-384)

X : 51118.00 Y : 379011.00

DATUM : 940303 CODE: 0414M

A3. 0006



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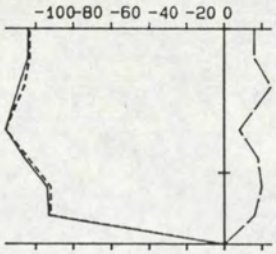

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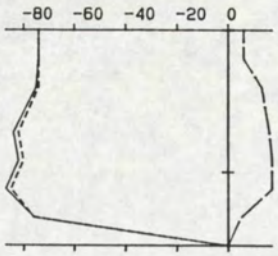

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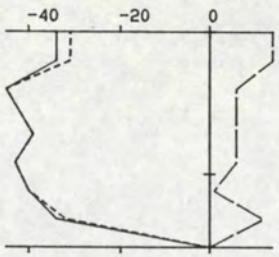

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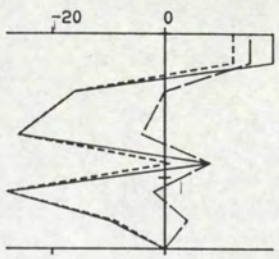

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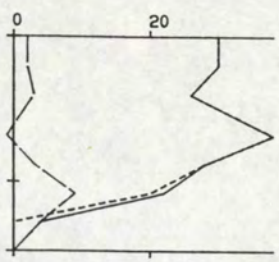

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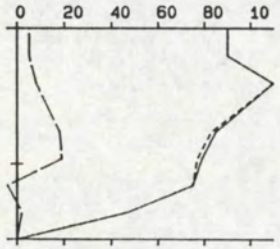

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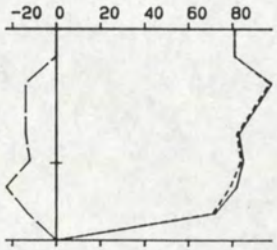
78 77 8 239



19.44 19.54 79
79 78 -11 253

TOELICHTING OP DE VERTIKALEN

_____ V - - - - - - - VSIN _ _ _ _ VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS A (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

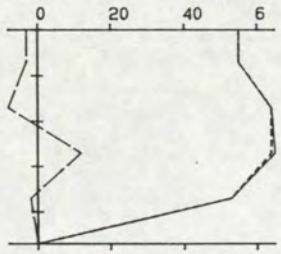
STROOMMETING : Middelgat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 2 LOKATIE : ARG1 (-384)

X : 51118.00 Y : 379011.00

DATUM : 940303 CODE: 0414M

A3. 0007



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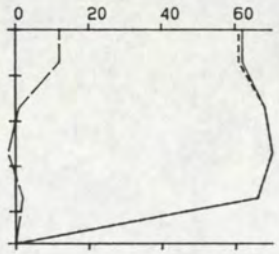

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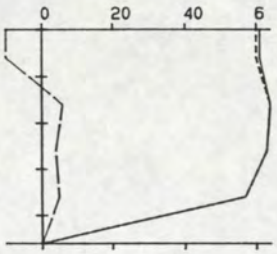

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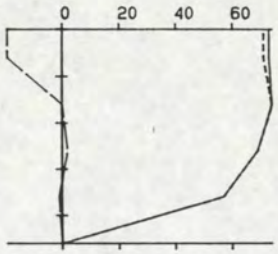
54 54 1 294



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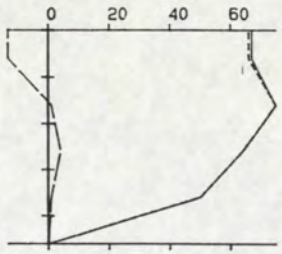

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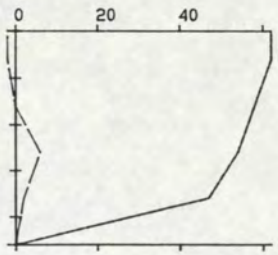

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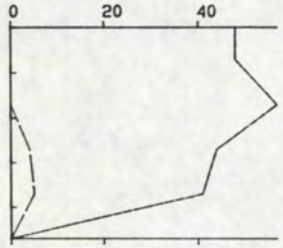

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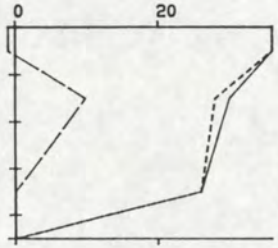
32 32 2 291



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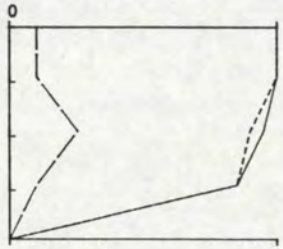
8.41 8.45 41
22 22 3 287



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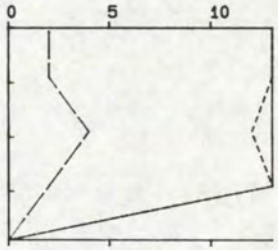

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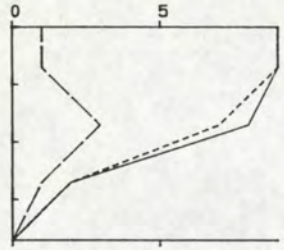

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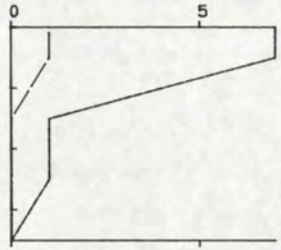

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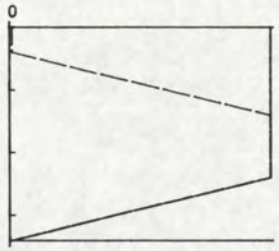

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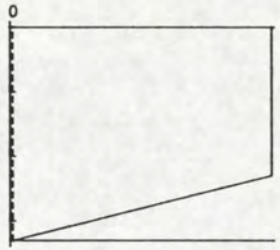

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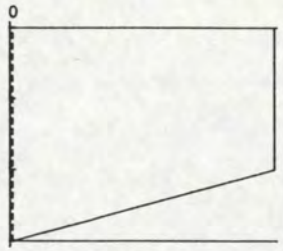

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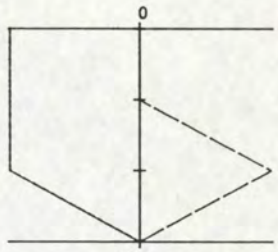

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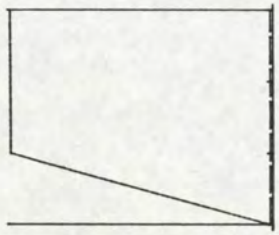

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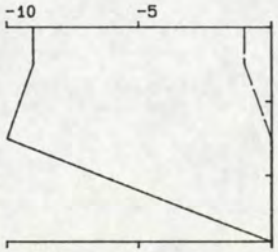

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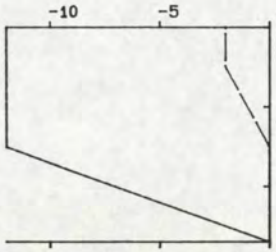

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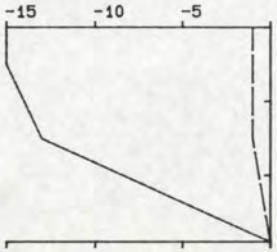

9.53 9.54 29
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TOELICHTING OP DE VERTIKALEN

_____ V - - - - - - - VSIN _ _ _ _ VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

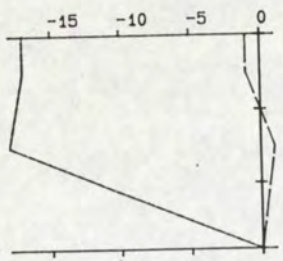
STROOMMETING : Boerengat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1(-102)

X : 50161.00 Y : 379557.00

DATUM : 940303 CODE: 0414M

A3. 0008



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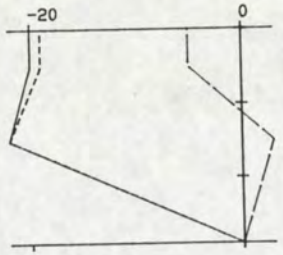

10.00 10.01 29
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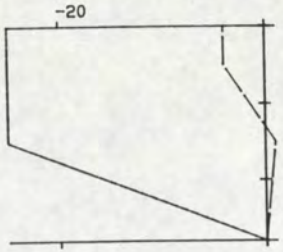

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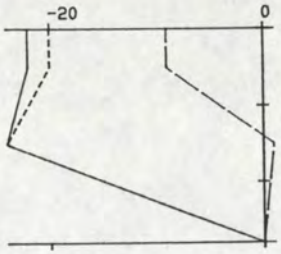

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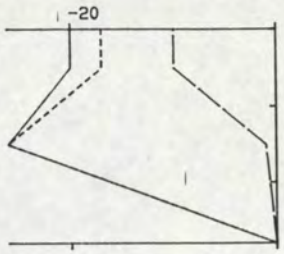

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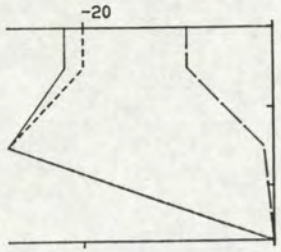

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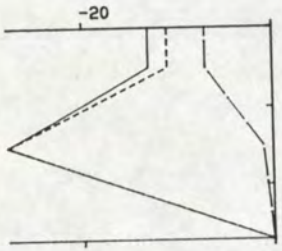

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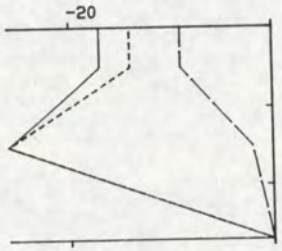

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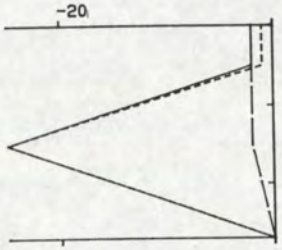

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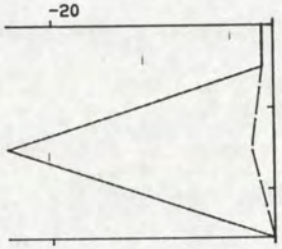

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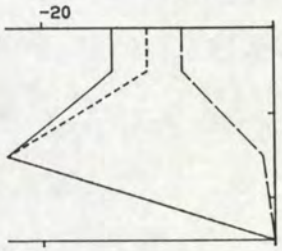

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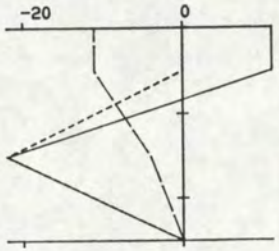

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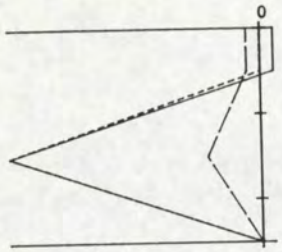

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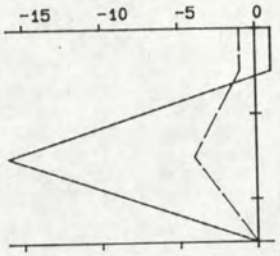

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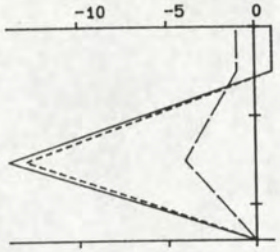

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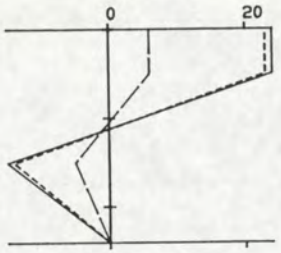

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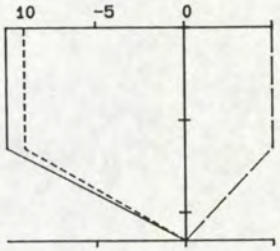

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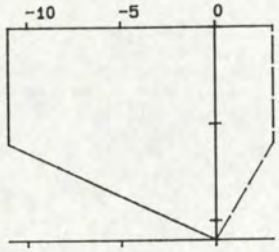

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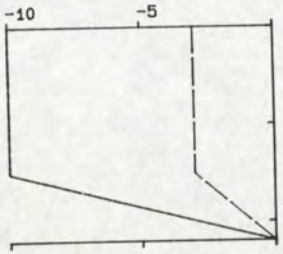

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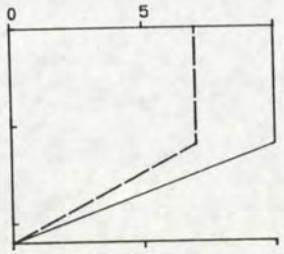

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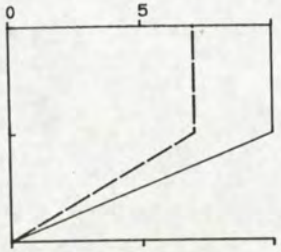

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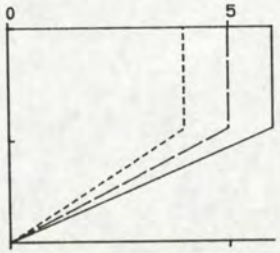

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TOELICHTING OP DE VERTIKALEN

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14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Boerengat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1(-102)

X : 50161.00 Y : 379557.00

DATUM : 940303 CODE: 0414M

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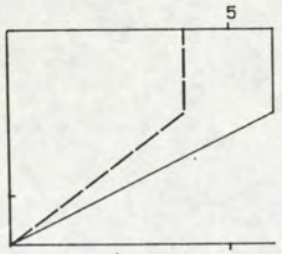

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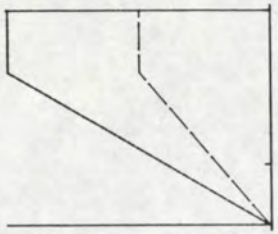

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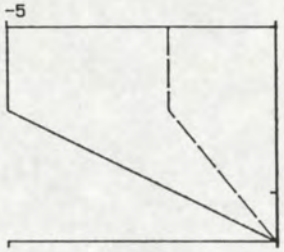

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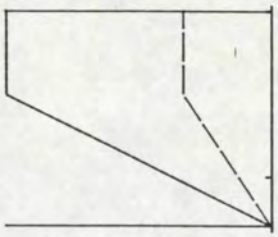

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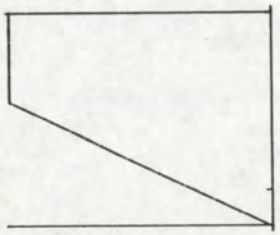

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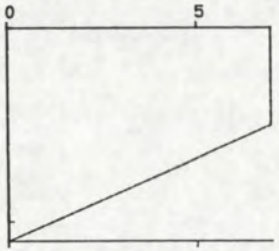

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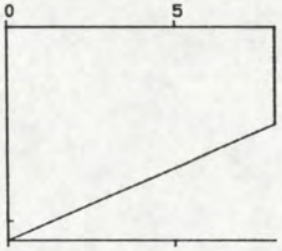

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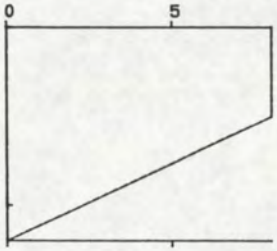

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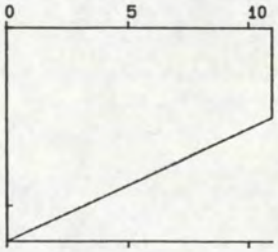

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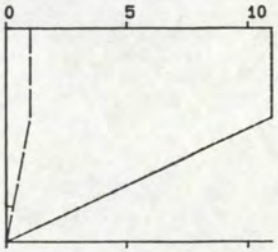

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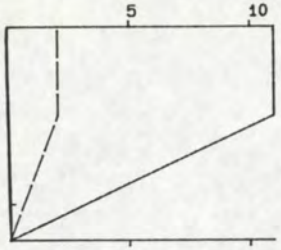

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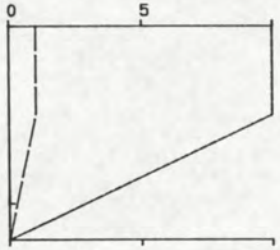

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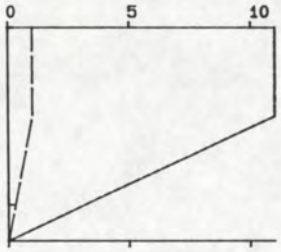

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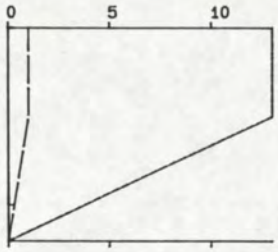

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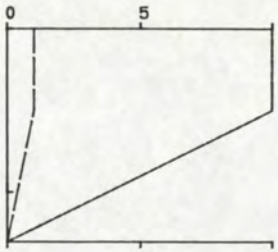

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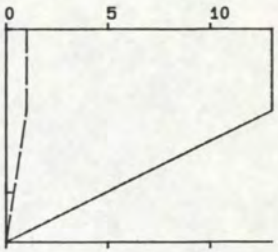

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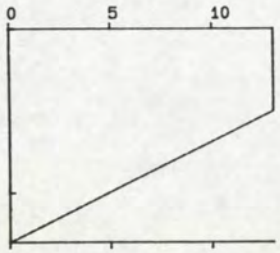

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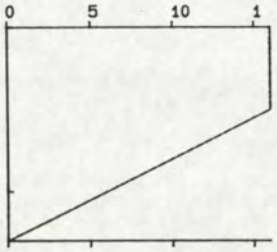

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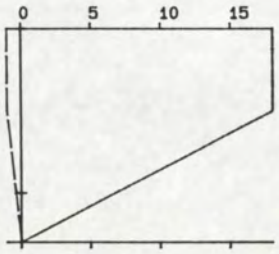

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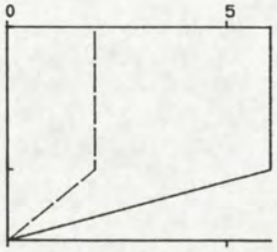

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TOELICHTING OP DE VERTIKALEN

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14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Boerengat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1(-102)

X : 50161.00 Y : 379557.00

DATUM : 940303 CODE: 0414M

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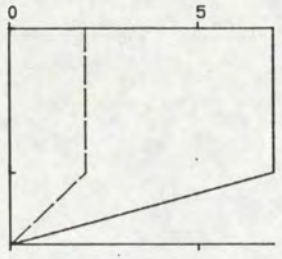

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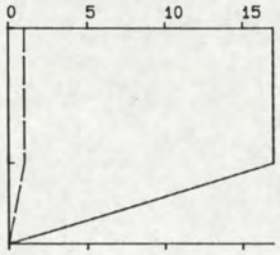

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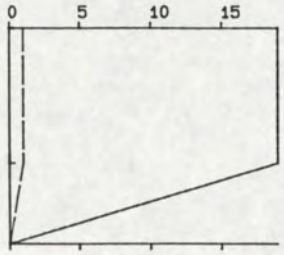

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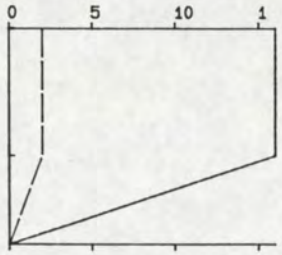

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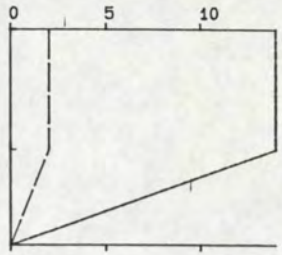

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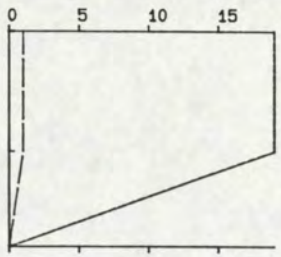

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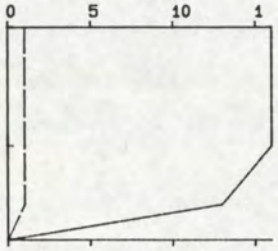

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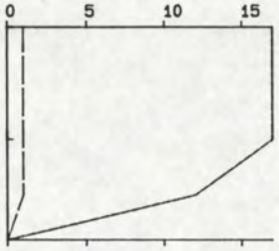

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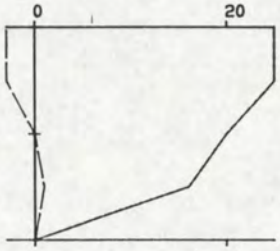

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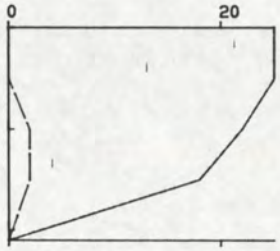

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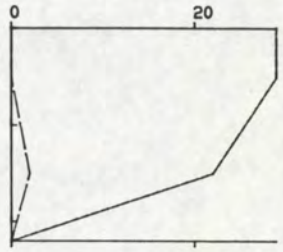

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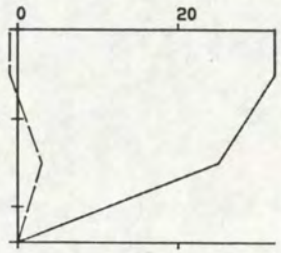

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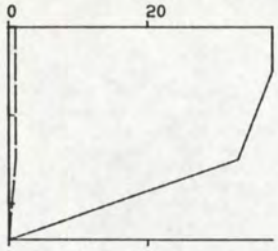
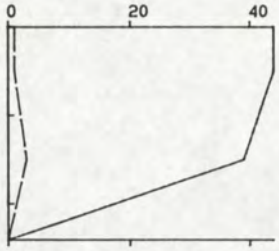
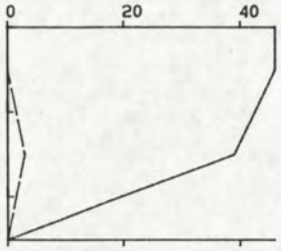
23 23 1 293



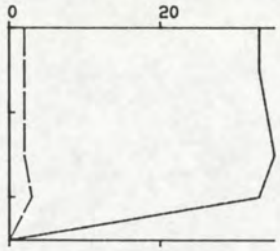
16.10 16.11 24
29 29 1 293



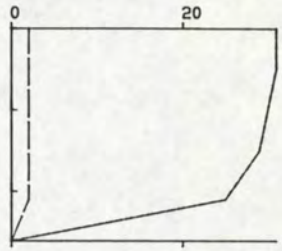
16.13 16.14 24
34 34 2 292



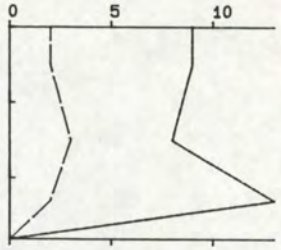
16.16 16.18 25
34 34 1 293



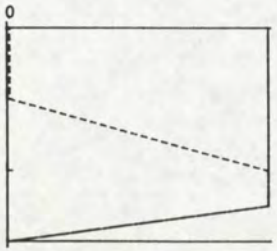
16.19 16.22 25
30 30 2 291



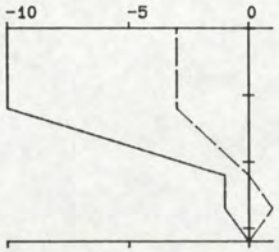
16.25 16.29 26
26 26 2 291



16.31 16.34 28
9 9 2 281



16.39 16.41 30
1 0 1 229



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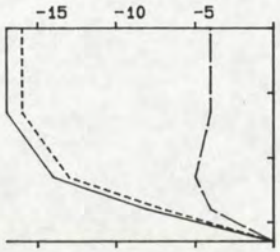
-6 -6 -1 101



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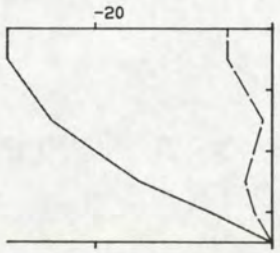


16.56 17.01 35
-20 -20 -3 107

TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

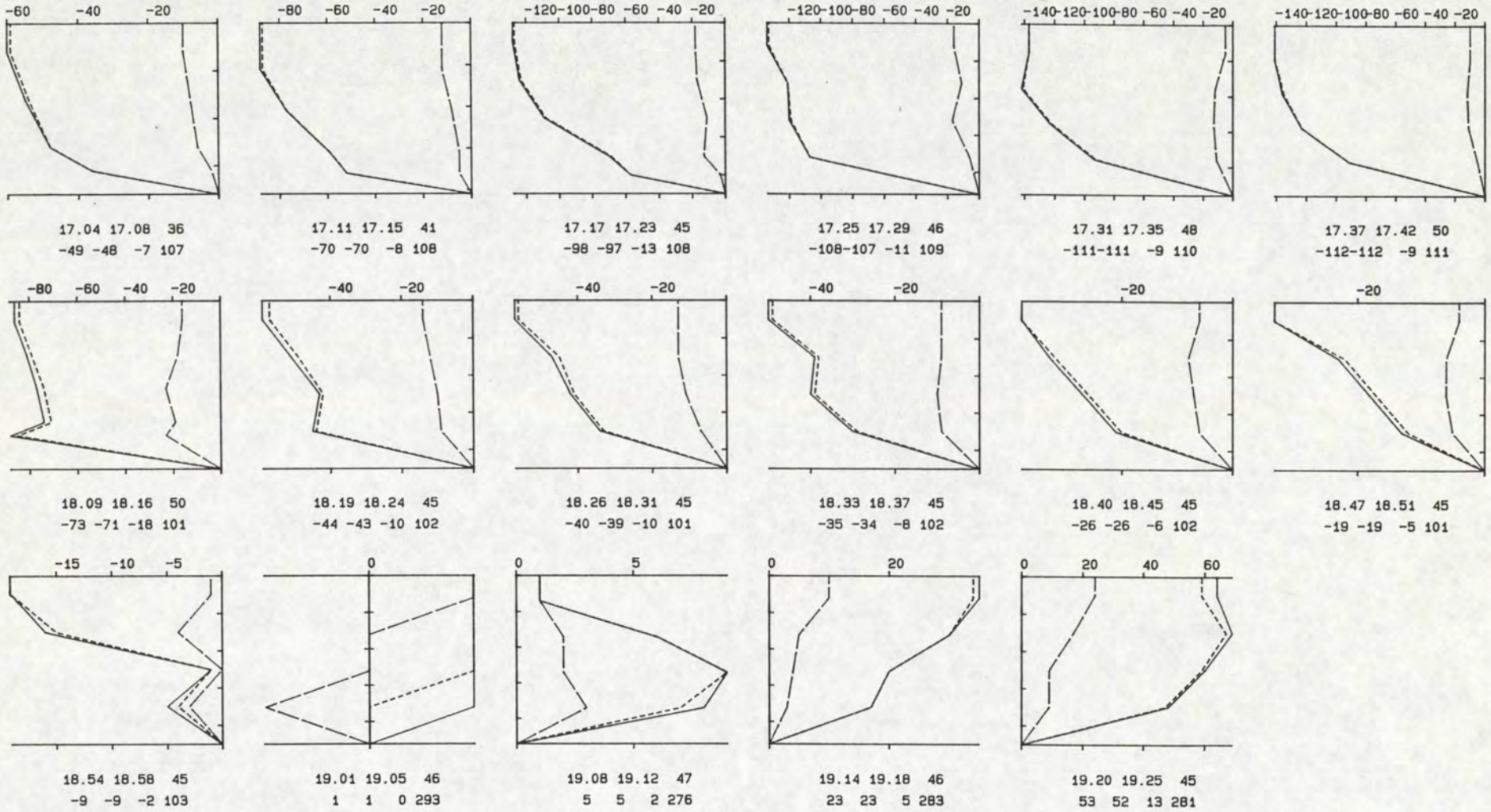
STROOMMETING : Boerengat omg. Baarland

RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1(-102)

X : 50161.00 Y : 379557.00

DATUM : 940303 CODE: 0414M

A3. 0011



TOELICHTING OP DE VERTIKALEN

——— V - - - - - - - VSIN — — — — VCOS

14.01 14.15 295 : BEGINTYD EINDTYD BODEMDIEPTE

100 10 92 265 : V VSIN VCOS R (GEM)

VERTIKALE SCHAAL : DIEPTE IN DM TOV WATEROPP.

HORIZONTALE SCHAAL: SNELHEDEN IN CM/S.

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Boerengat omg. Baarland

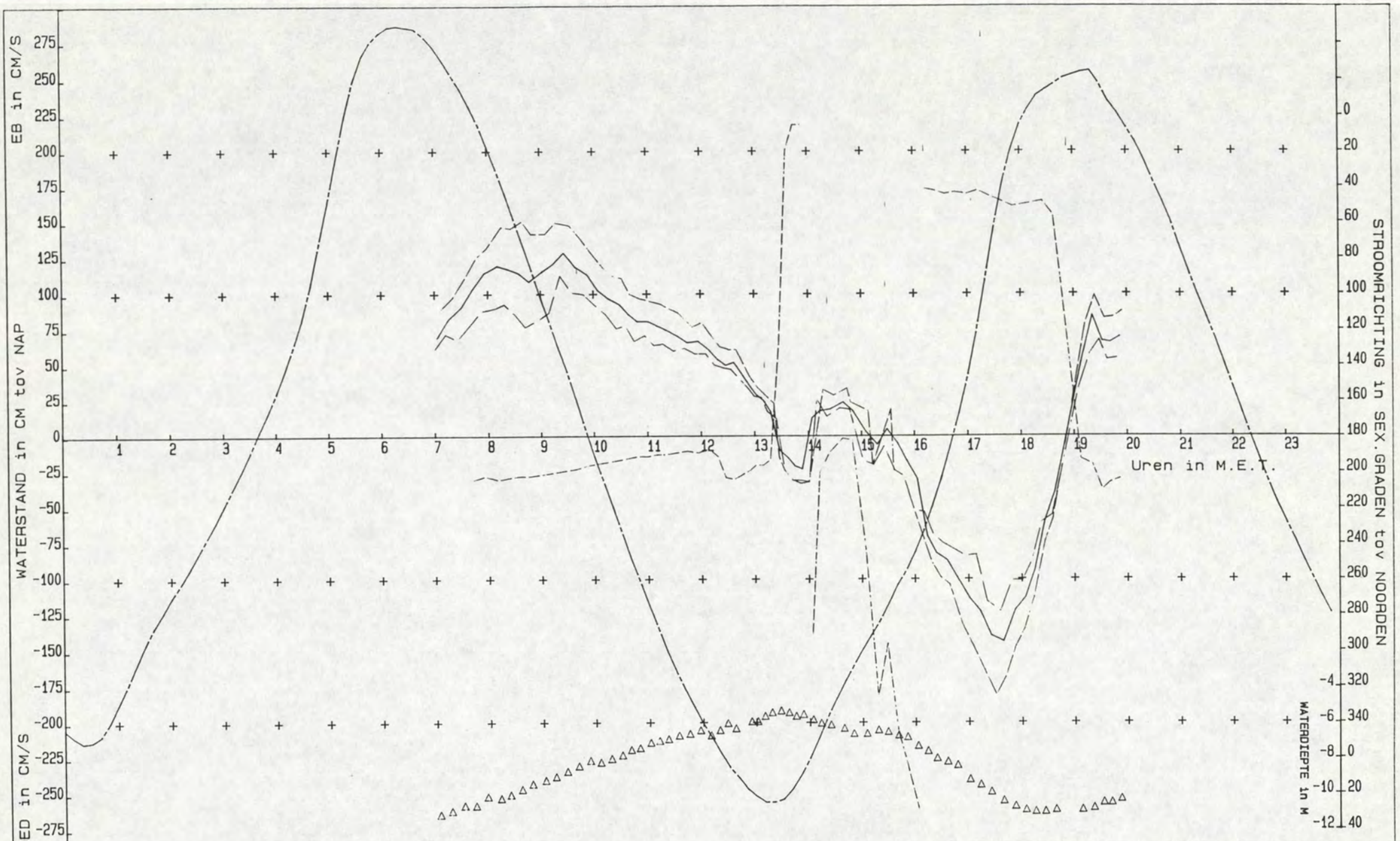
RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1 (-102)

X : 50161.00 Y : 379557.00

DATUM : 940303 CODE: 0414M

A3. 0012

7. Stroomsnelheids- en stroomrichtingsgrafieken

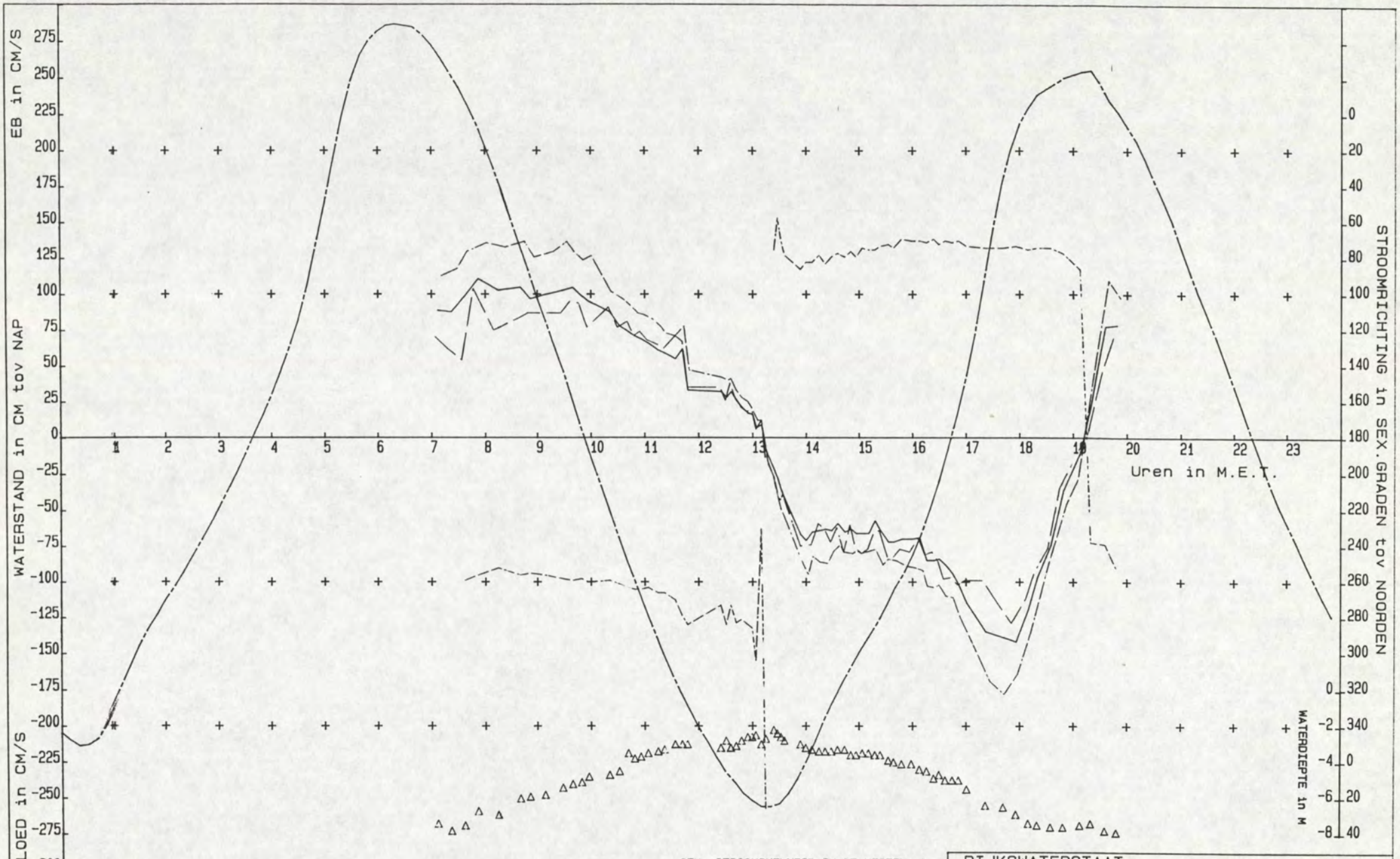


VOOR SITUATIE MEETPUNT ZIE TEK: A3

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Middelgat omg. Baarland
RAAI : NVT DEELRAAI : NVT PUNT : 1 LOKATIE : LOD1(-104)
X : 51633.00 Y : 379367.00
DATUM : 940303 CODE: 0414M

A3 0001

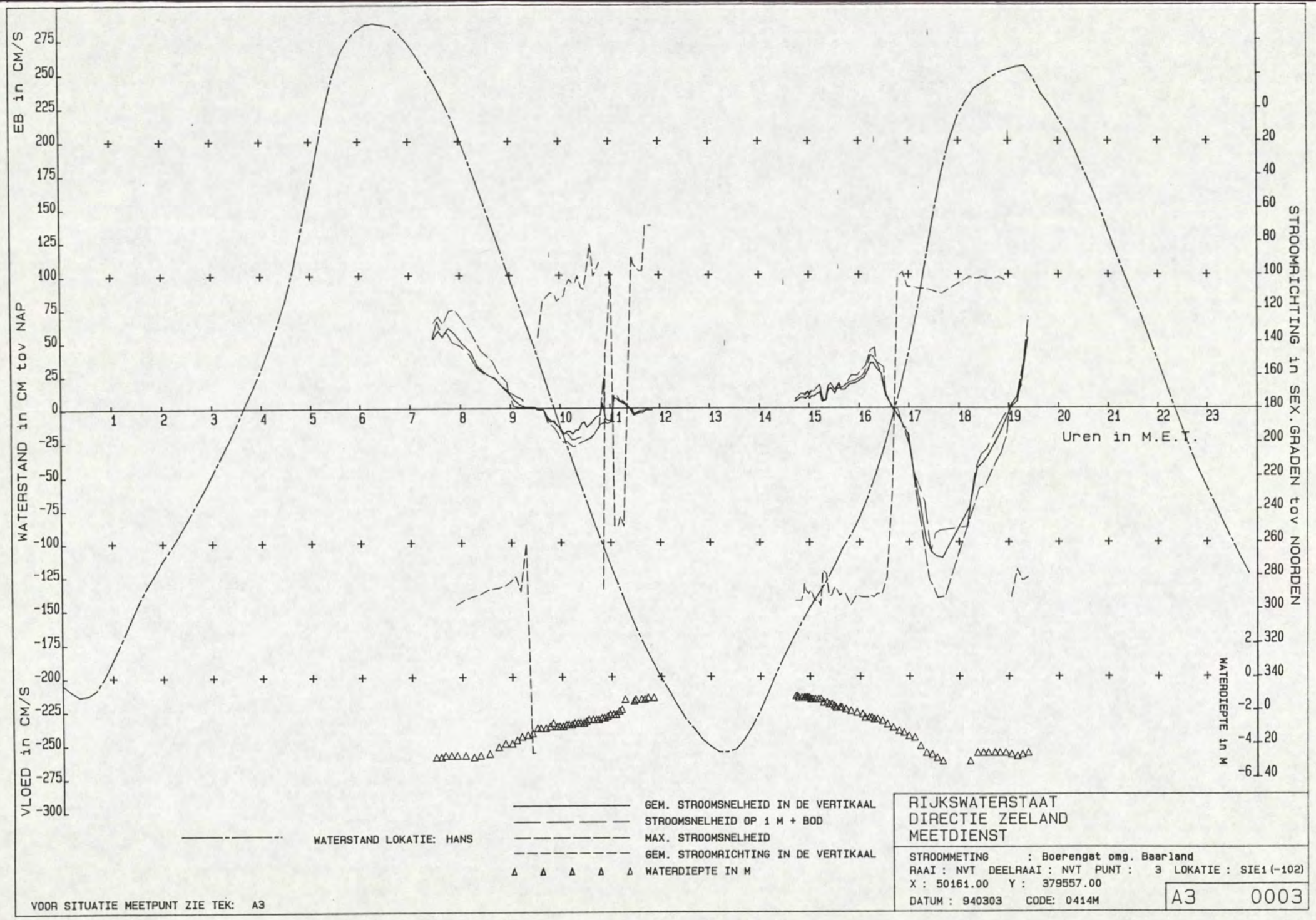


RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

STROOMMETING : Middelgat omg. Baarland
RAAI : NVT DEELRAAI : NVT PUNT : 2 LOKATIE : ARG1(-384)
X : 51118.00 Y : 379011.00
DATUM : 940303 CODE: 0414M

A3 0002

VOOR SITUATIE MEETPUNT ZIE TEK: A3


EB in CM/S
VLOED in CM/S
WATERSTAND in CM tov NAP
STROOMRICHTING in SEX. GRADEN tov NOORDEN
WATERDIEPTE in M
Uren in M.E.T.
WATERSTAND LOKATIE: HANS
GEM. STROOMSNELHEID IN DE VERTIKAAL
STROOMSNELHEID OP 1 M + BOD
MAX. STROOMSNELHEID
GEM. STROOMRICHTING IN DE VERTIKAAL
WATERDIEPTE IN M
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST
STROOMMETING : Boerengat omg. Baarland
RAAI : NVT DEELRAAI : NVT PUNT : 3 LOKATIE : SIE1(-102)
X : 50161.00 Y : 379557.00
DATUM : 940303 CODE: 0414M
A3 0003
VOOR SITUATIE MEETPUNT ZIE TEK: A3

directie zeeland
meetdienst zeeland
blad nr.: 11

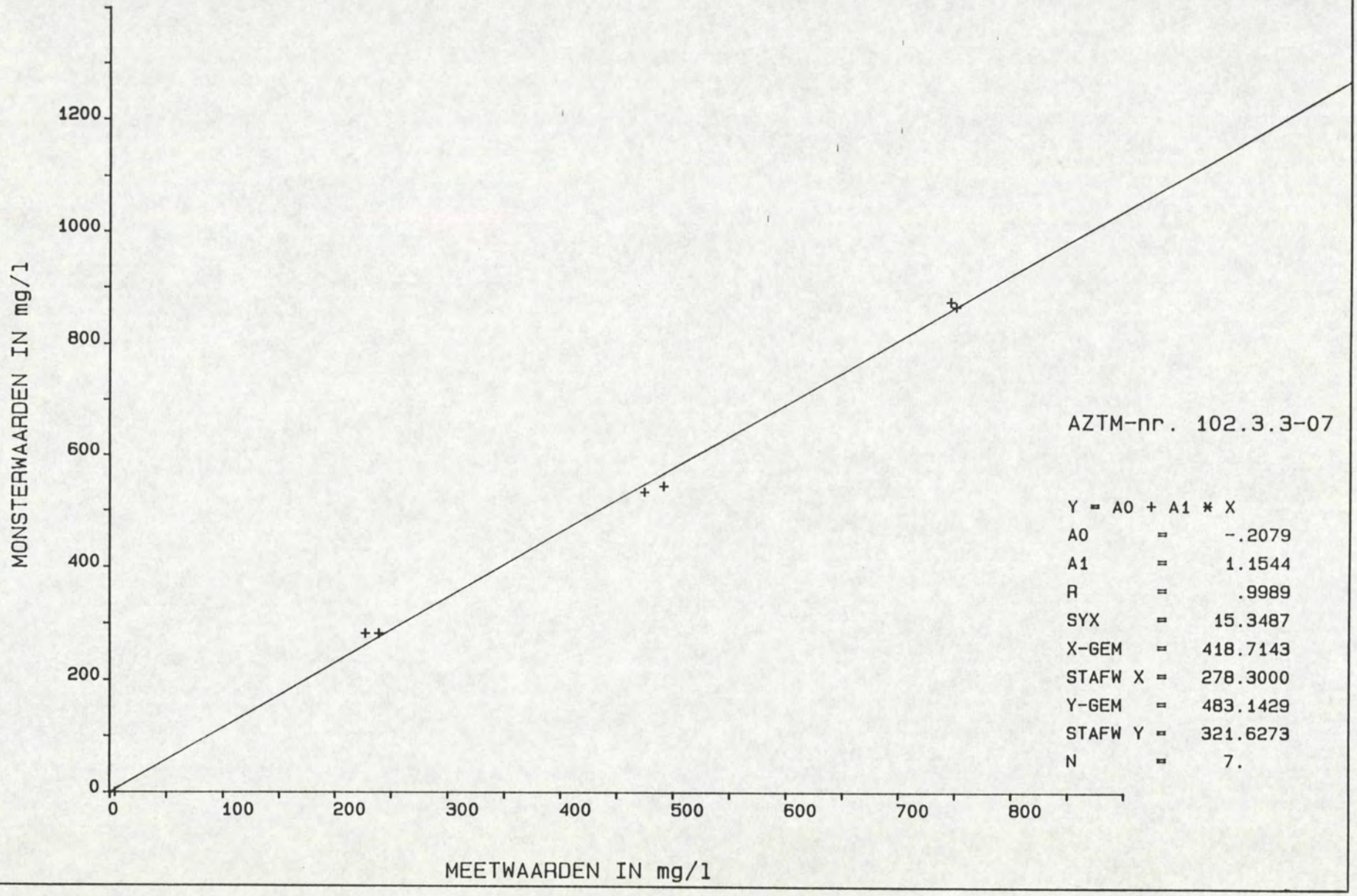
8. IJklijnen AZTM

AZTM-meting 03-03-1994

Middelgat omgeving Baarland

mp. 1 Lodycke

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



AZTM-nr. 102.3.3-07

Y = A0 + A1 * X

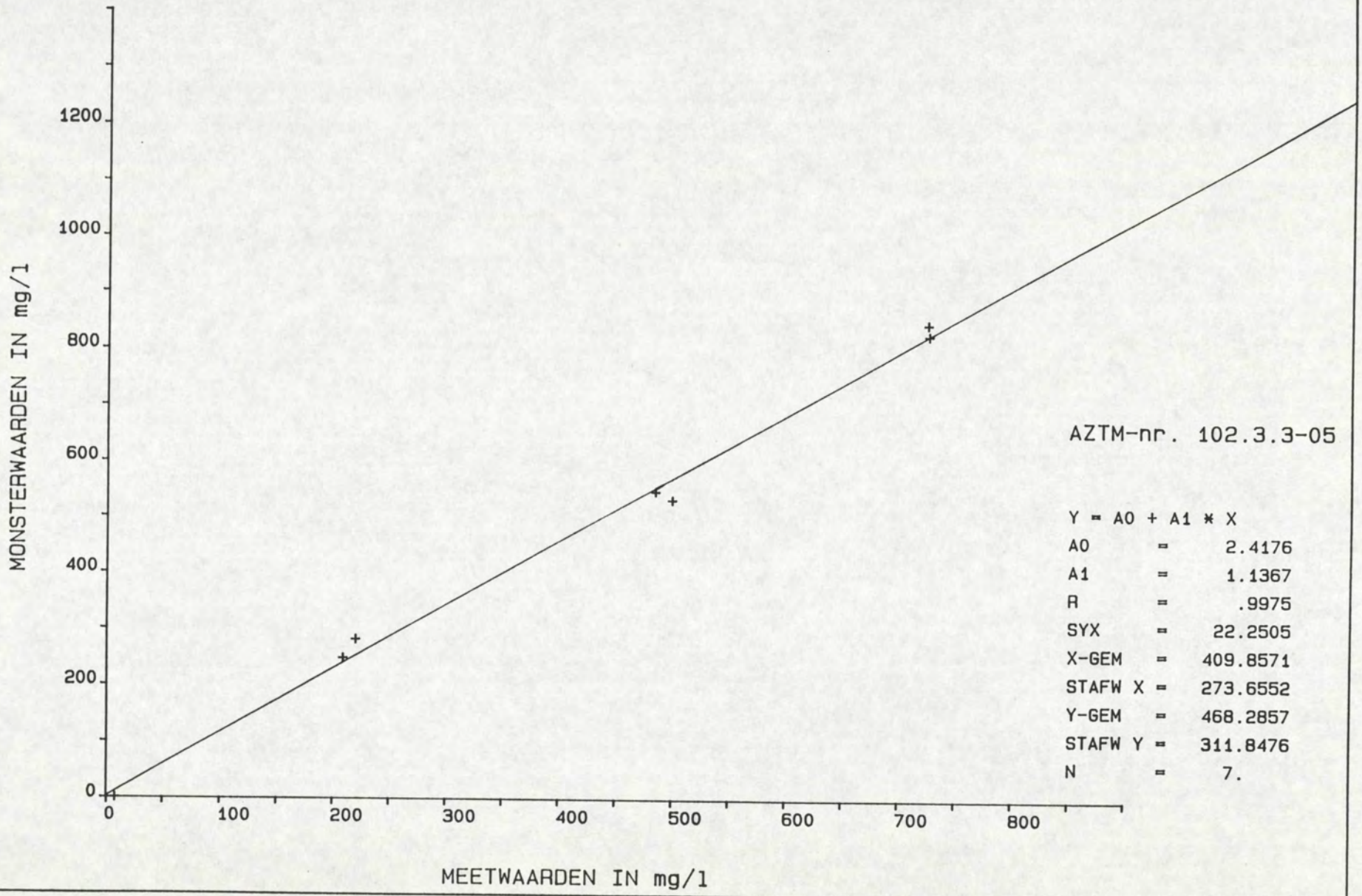
A0	=	-.2079
A1	=	1.1544
R	=	.9989
SYX	=	15.3487
X-GEM	=	418.7143
STAFW X	=	278.3000
Y-GEM	=	483.1429
STAFW Y	=	321.6273
N	=	7.

AZTM-meting 03-03-1994

Middelgat omgeving Baarland

mp. 2 Argus

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



AZTM-nr. 102.3.3-05

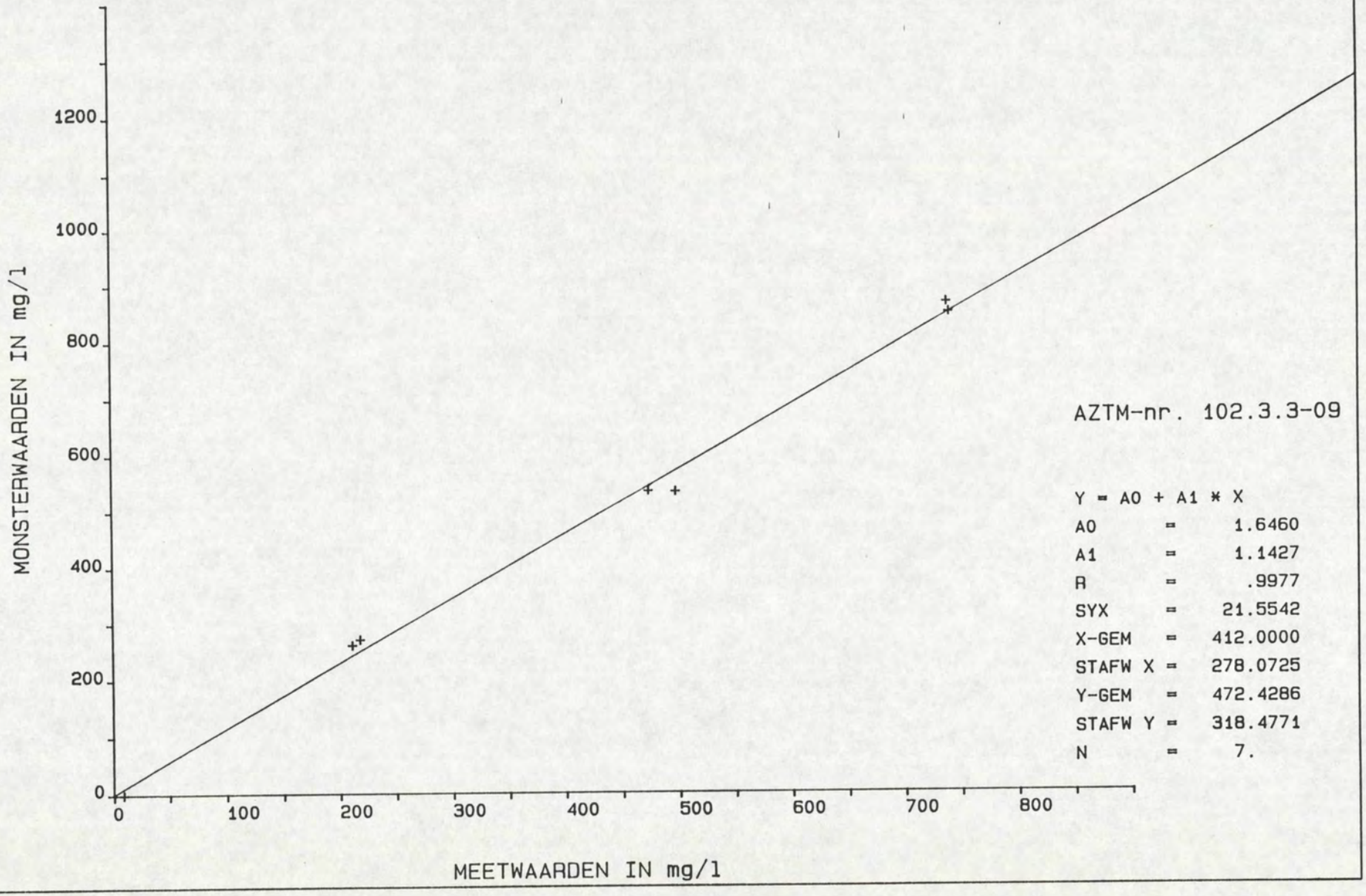
Y = A0 + A1 * X		
A0	=	2.4176
A1	=	1.1367
R	=	.9975
SYX	=	22.2505
X-GEM	=	409.8571
STAFW X	=	273.6552
Y-GEM	=	468.2857
STAFW Y	=	311.8476
N	=	7.

AZTM-meting 03-03-1994

Boerengat omgeving Baarland

mp. 3 Sierix

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

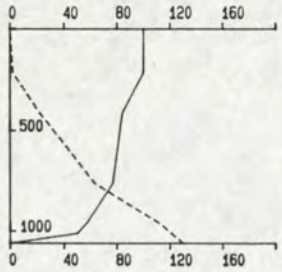


AZTM-nr. 102.3.3-09

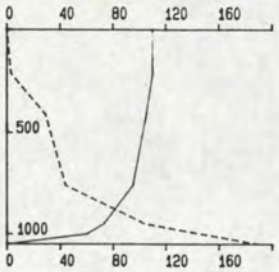
Y = A0 + A1 * X		
A0	=	1.6460
A1	=	1.1427
R	=	.9977
SYX	=	21.5542
X-GEM	=	412.0000
STAFW X	=	278.0725
Y-GEM	=	472.4286
STAFW Y	=	318.4771
N	=	7.

directie zeeland
meetdienst zeeland
blad nr.: 12

9. Vertikalen - zandconcentratie



0659 0711 1060
80 234 44



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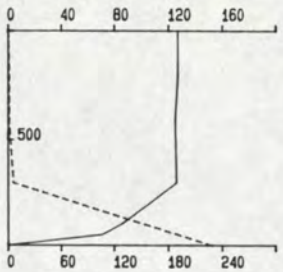
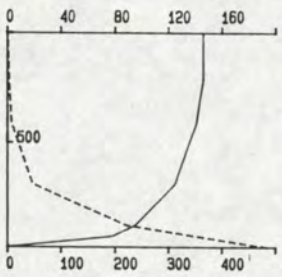
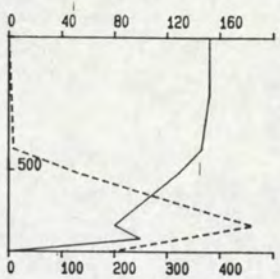


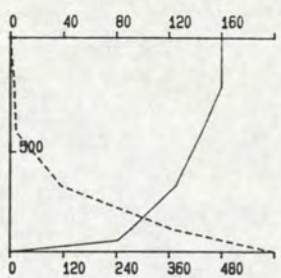
0736 0748 990
115 222 36



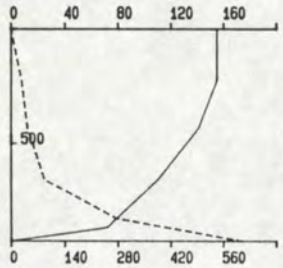
0751 0804 980
126 225 71



0808 0819 810
128 226 123



0823 0834 940
131 226 120



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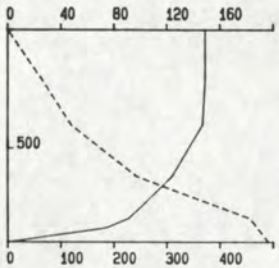
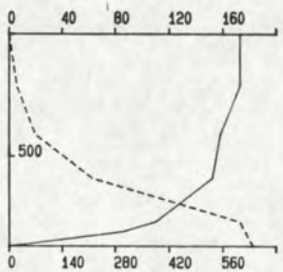


0856 0907 900
127 224 194



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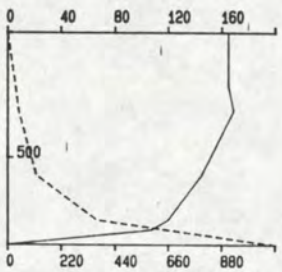

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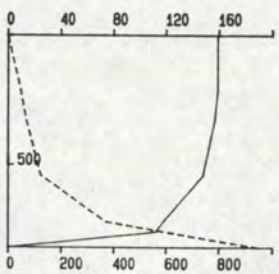

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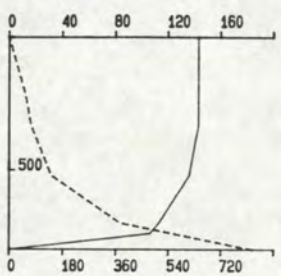

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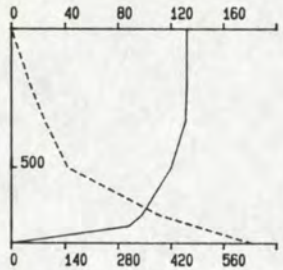
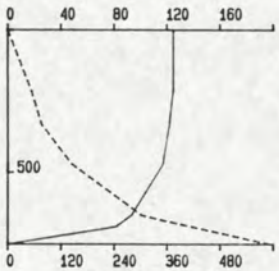
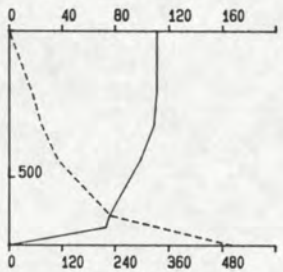
130 220 175



1010 1022 770
117 219 169



1026 1037 750
110 218 151



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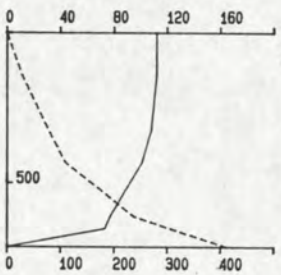

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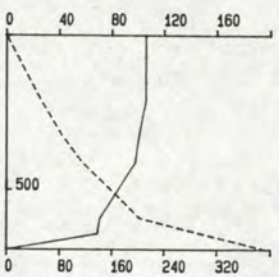
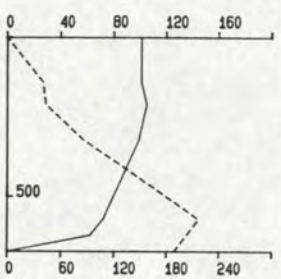


1111 1122 690
91 218 116



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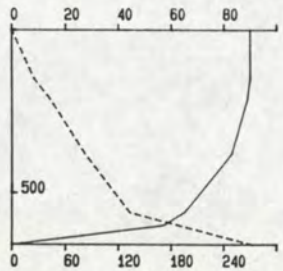

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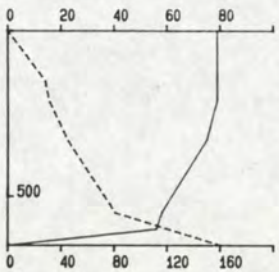

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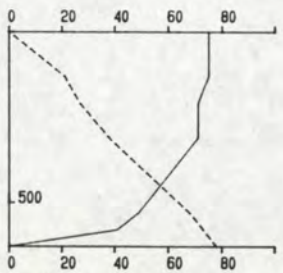
69 223 53



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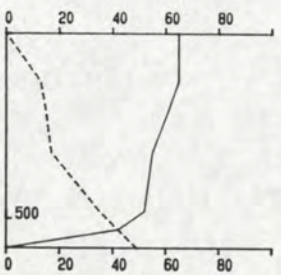


1226 1237 580
55 222 21

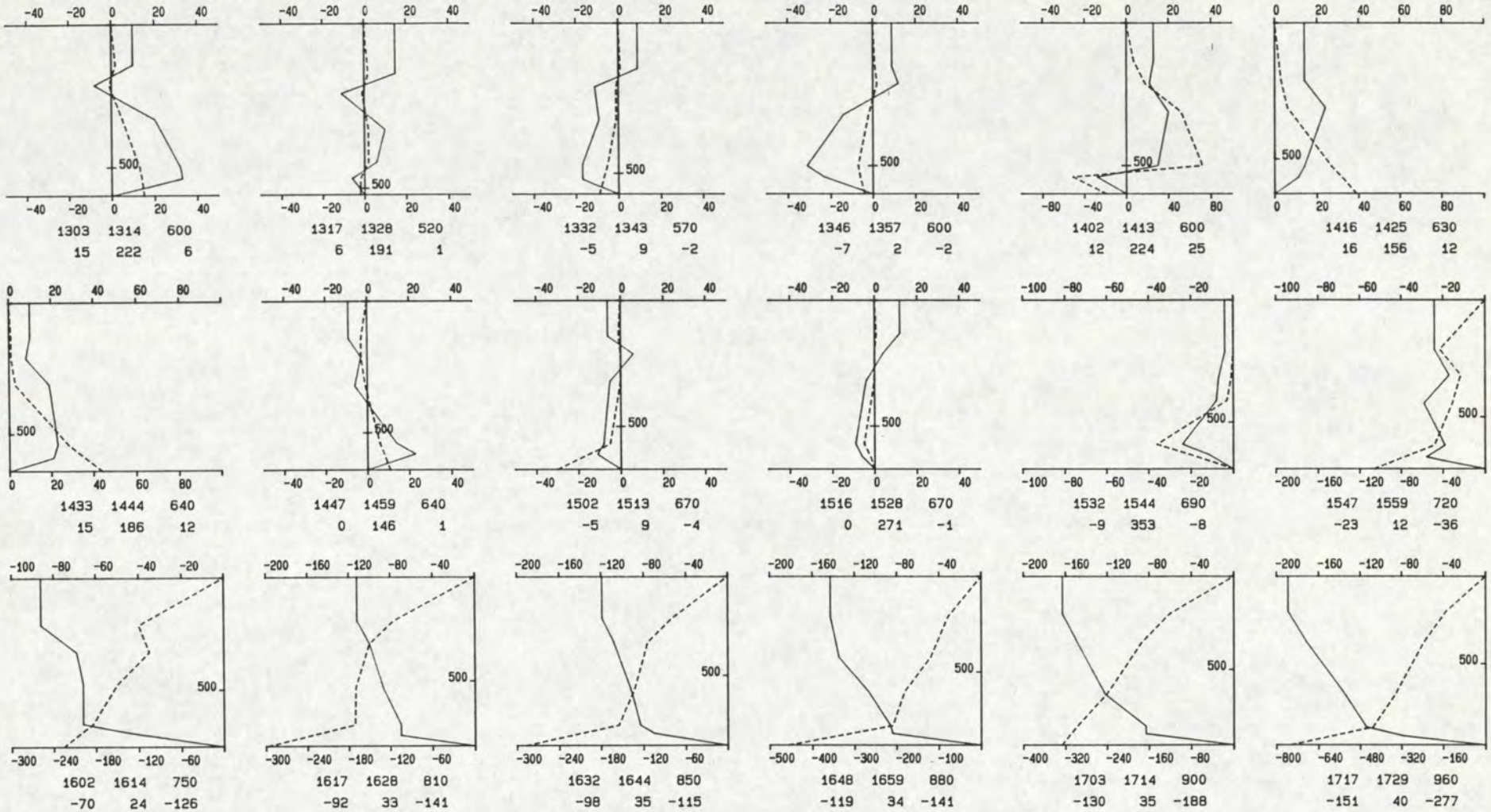
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

———— V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



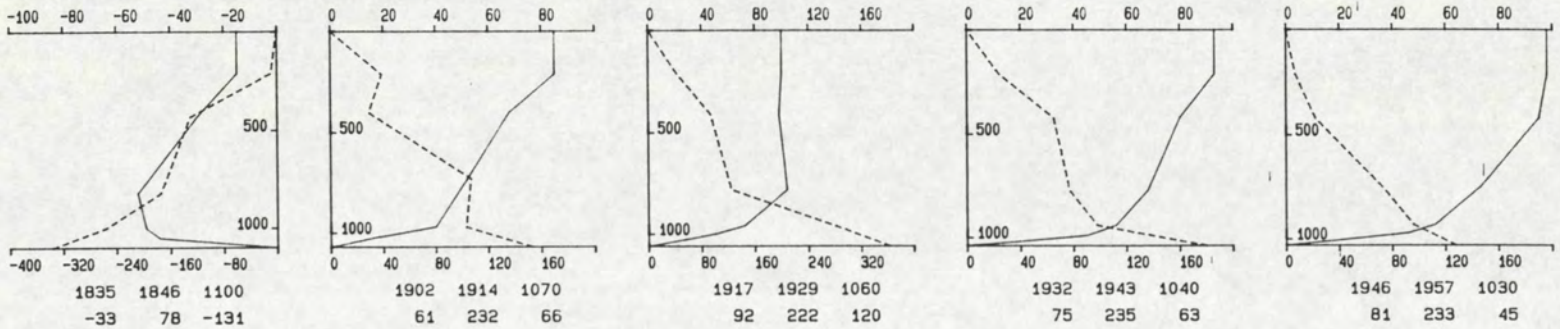
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



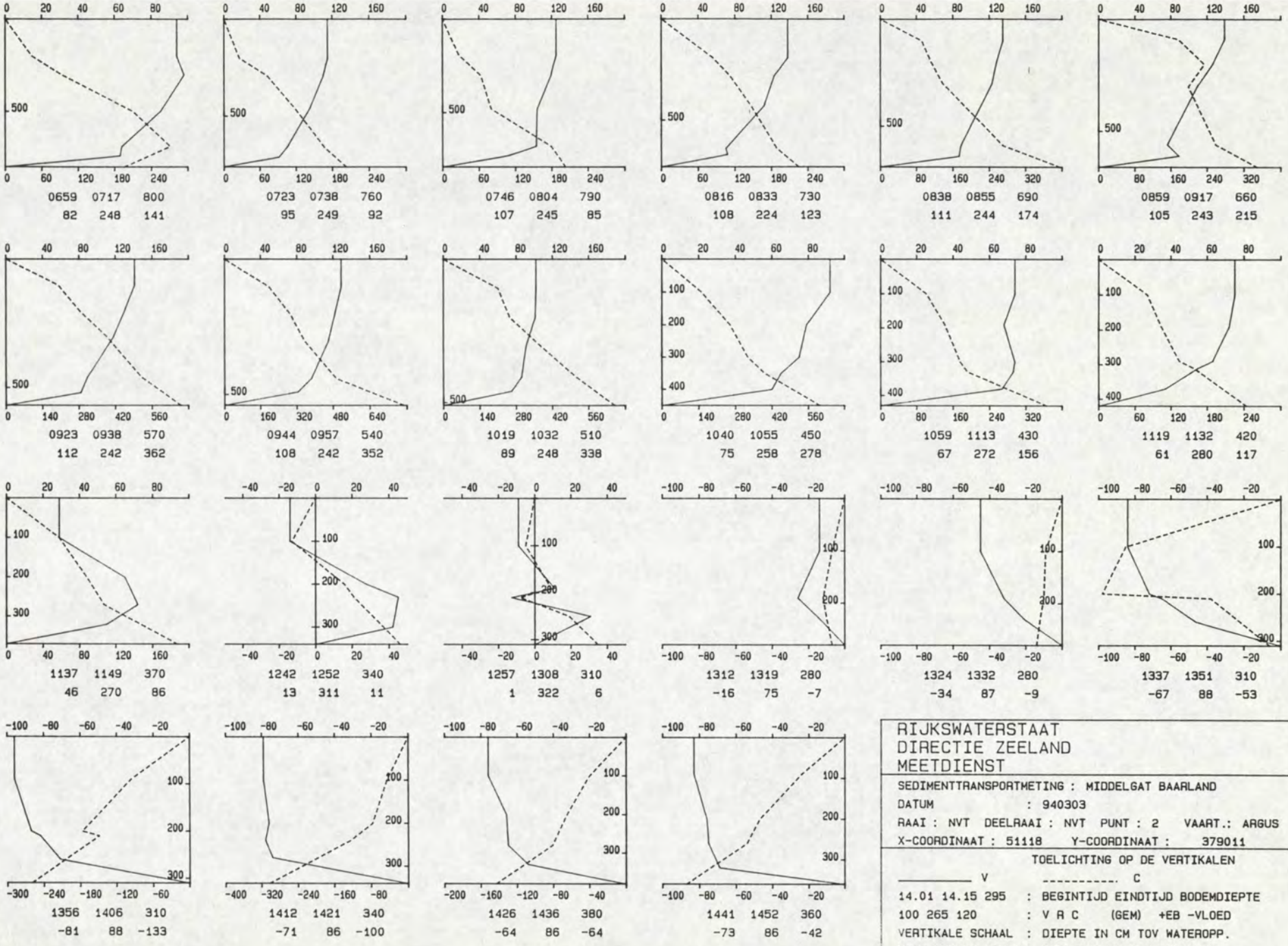
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
X-COORDINAAT : 51118 Y-COORDINAAT : 379011

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
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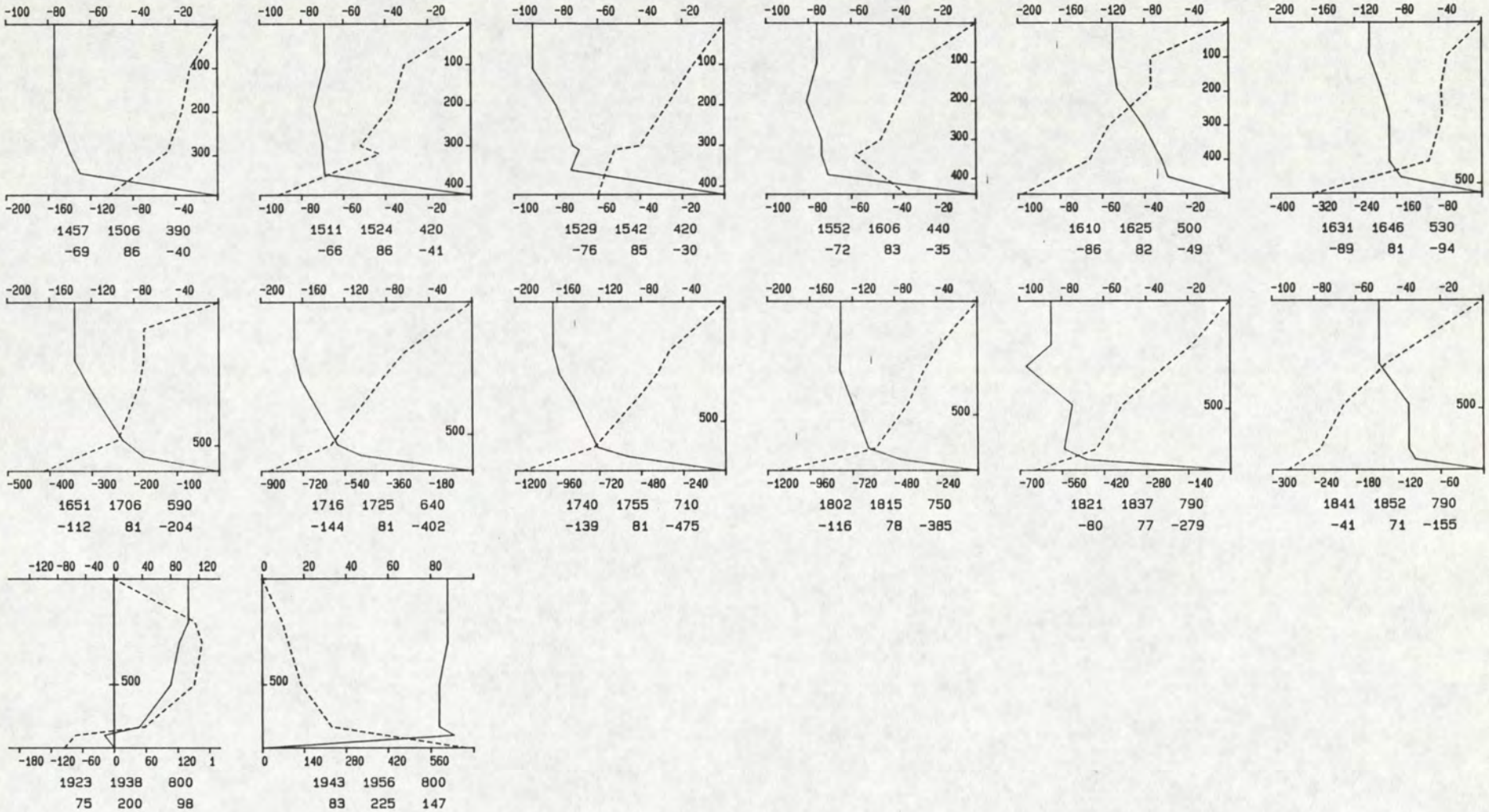
CONCENTRATIE IN MG/L (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
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TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
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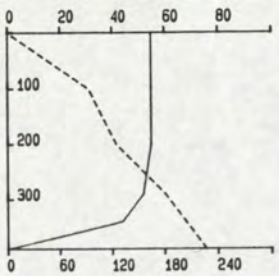

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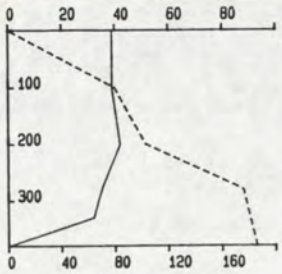

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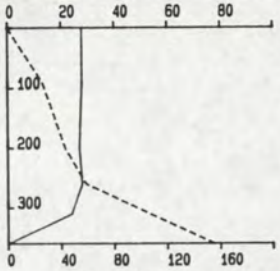

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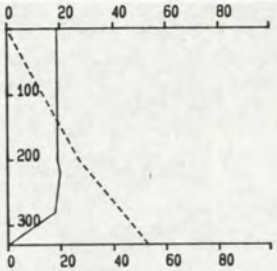

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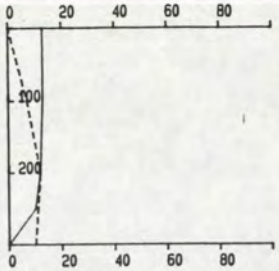

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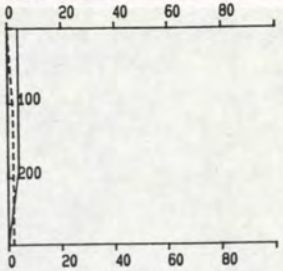

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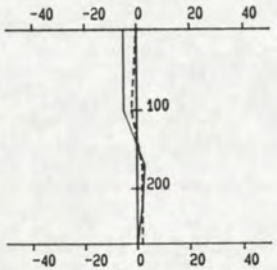

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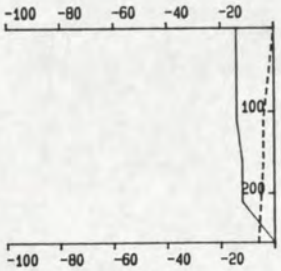

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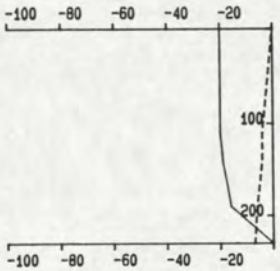

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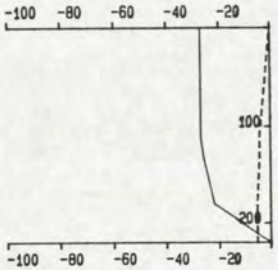

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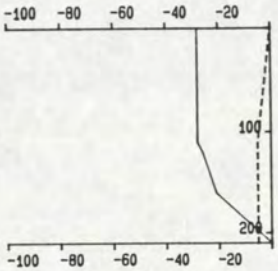

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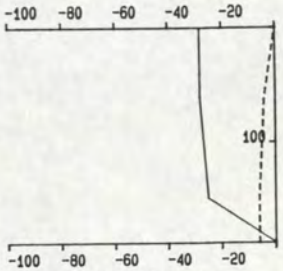

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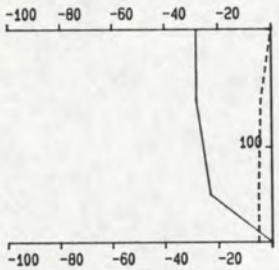

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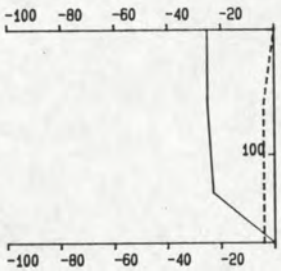

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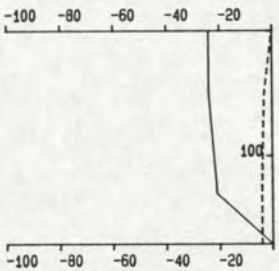

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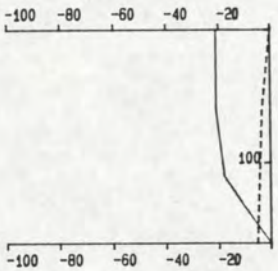

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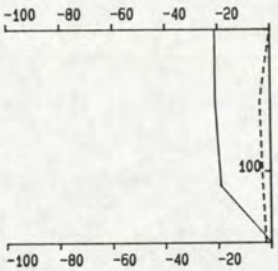

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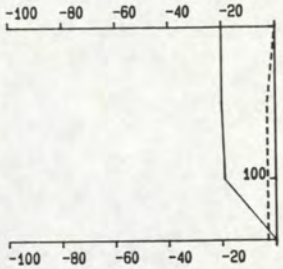

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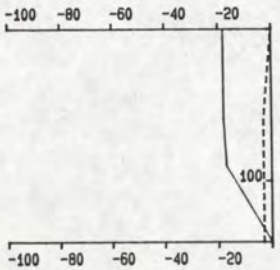

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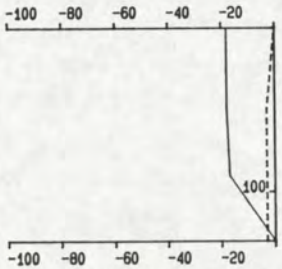

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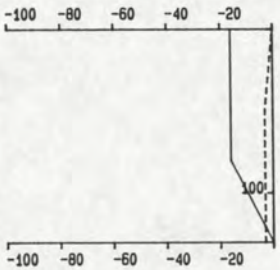

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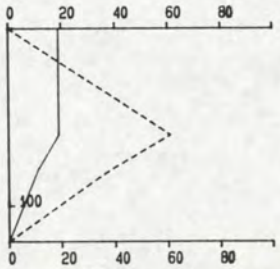

1519 1523 120
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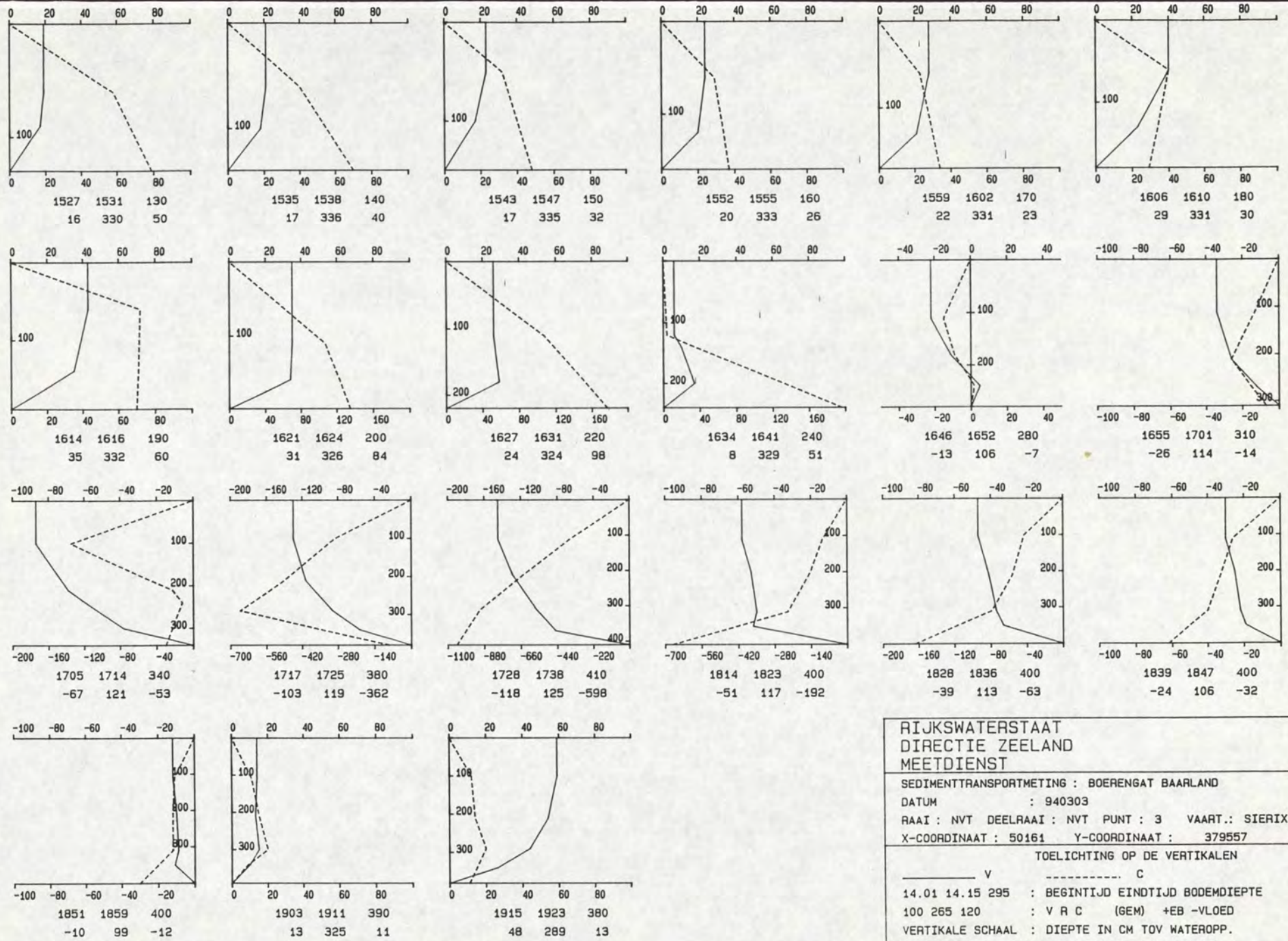
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
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TOELICHTING OP DE VERTIKALEN

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14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
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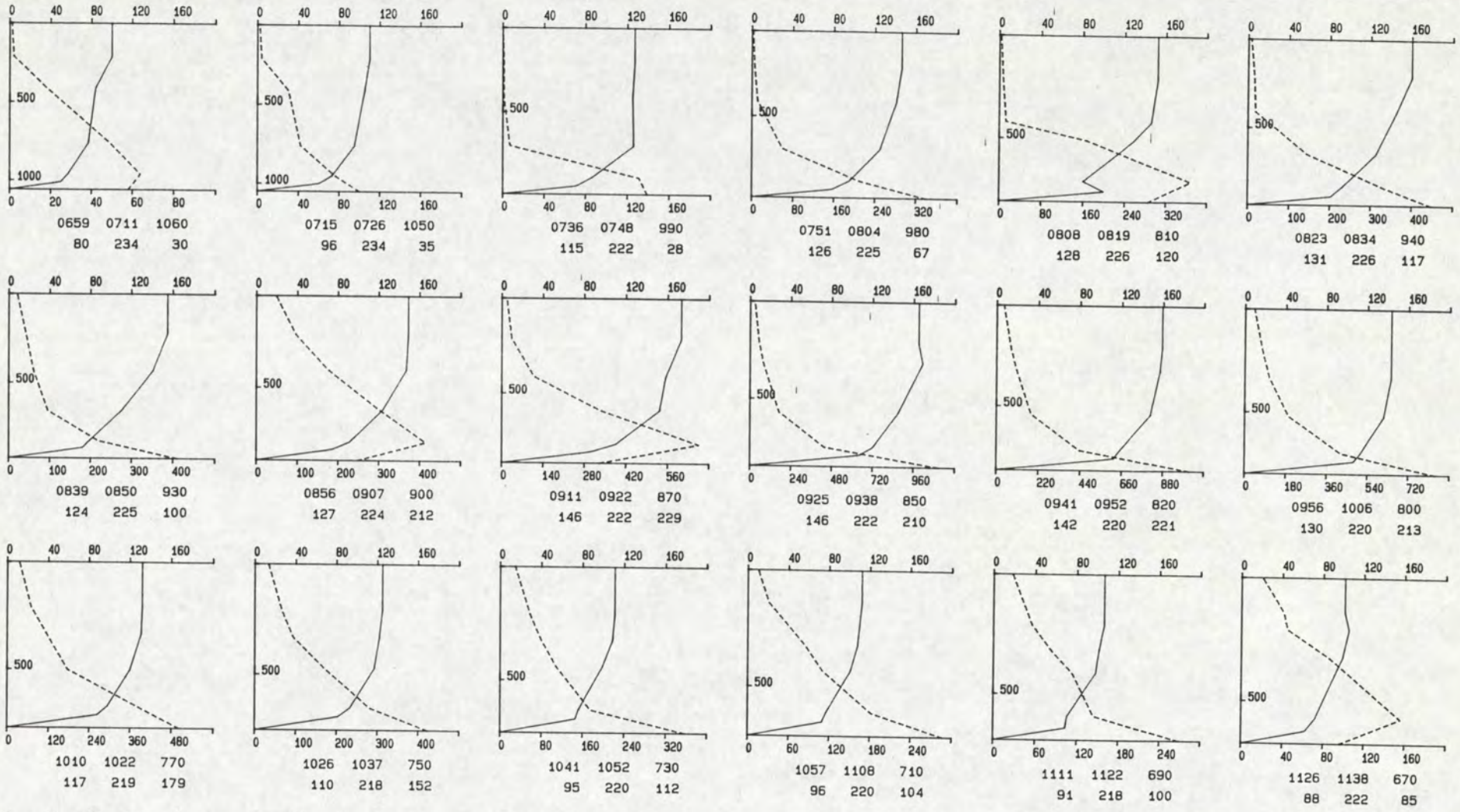
CONCENTRATIE IN MG/L (ONDER)

10. Vertikalen - zandtransport + tabel totaal transport



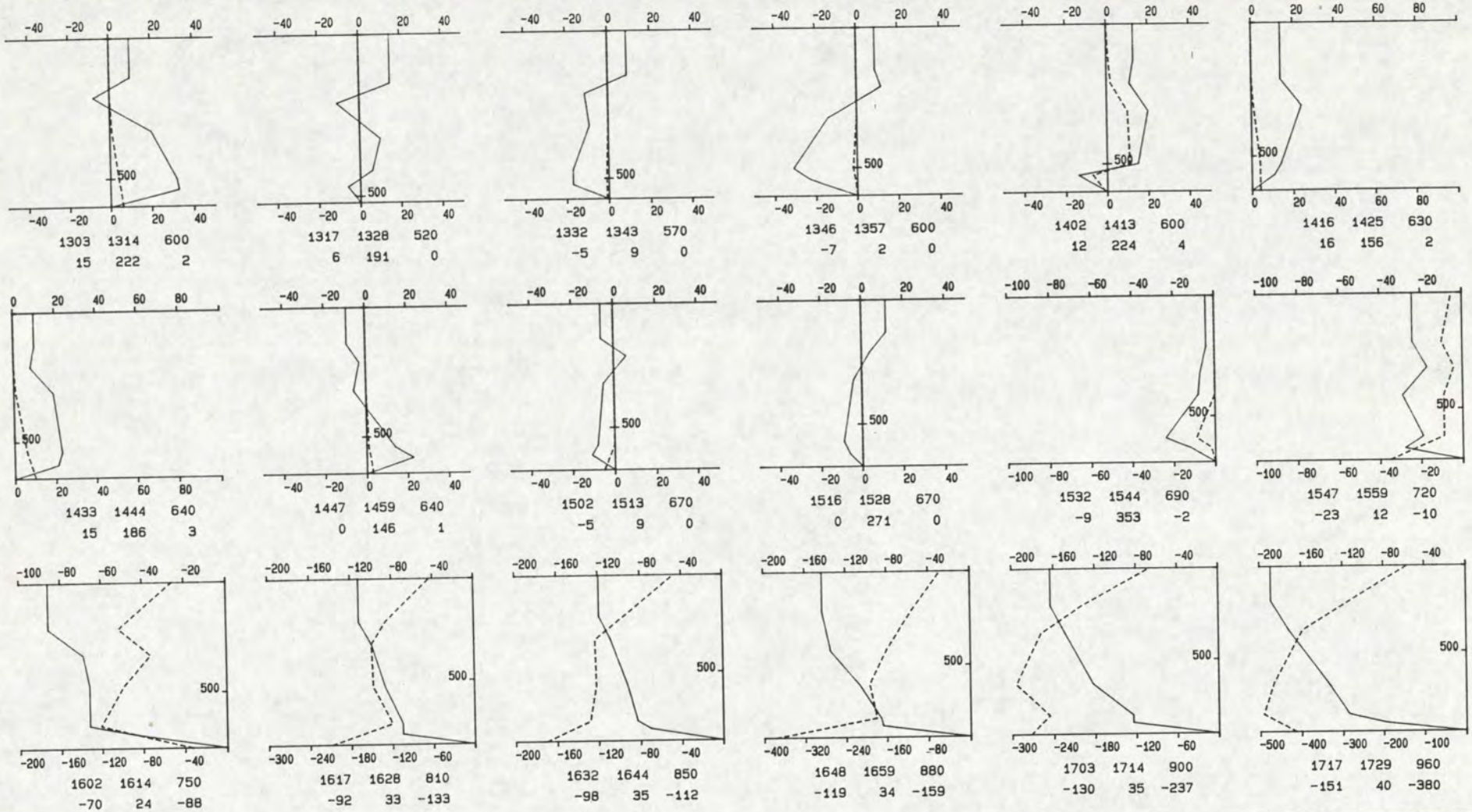
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)



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DIRECTIE ZEELAND
MEETDIENST

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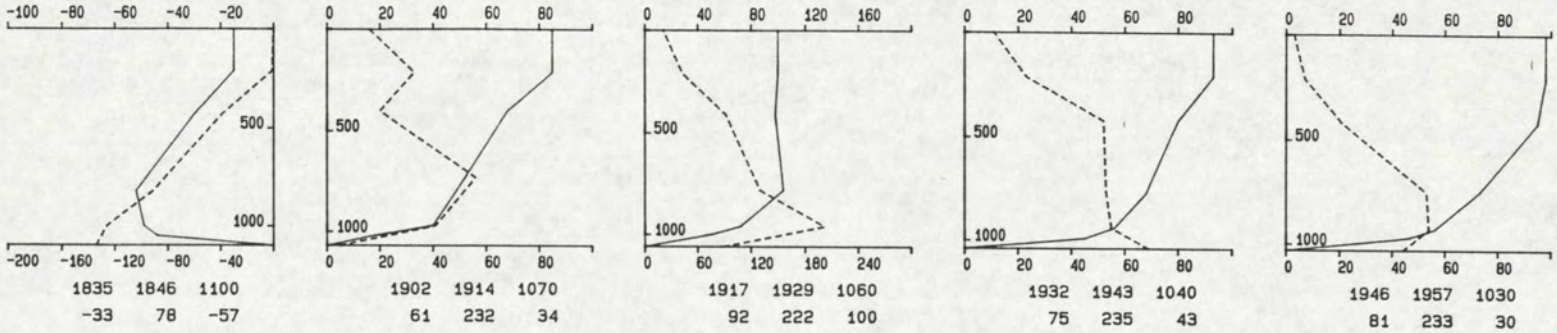

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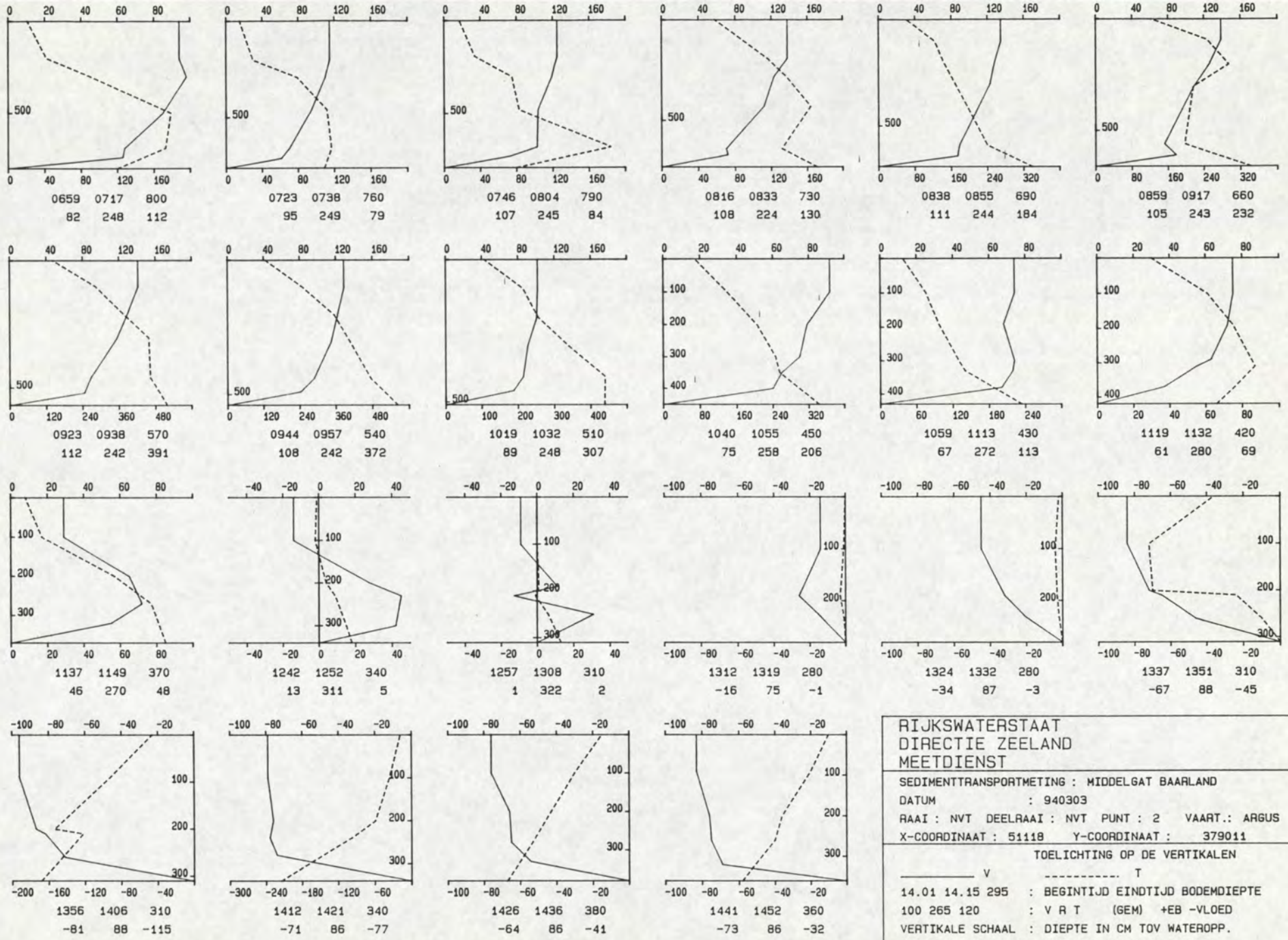

RIJKSWATERSTAAT
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MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
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TOELICHTING OP DE VERTIKALEN

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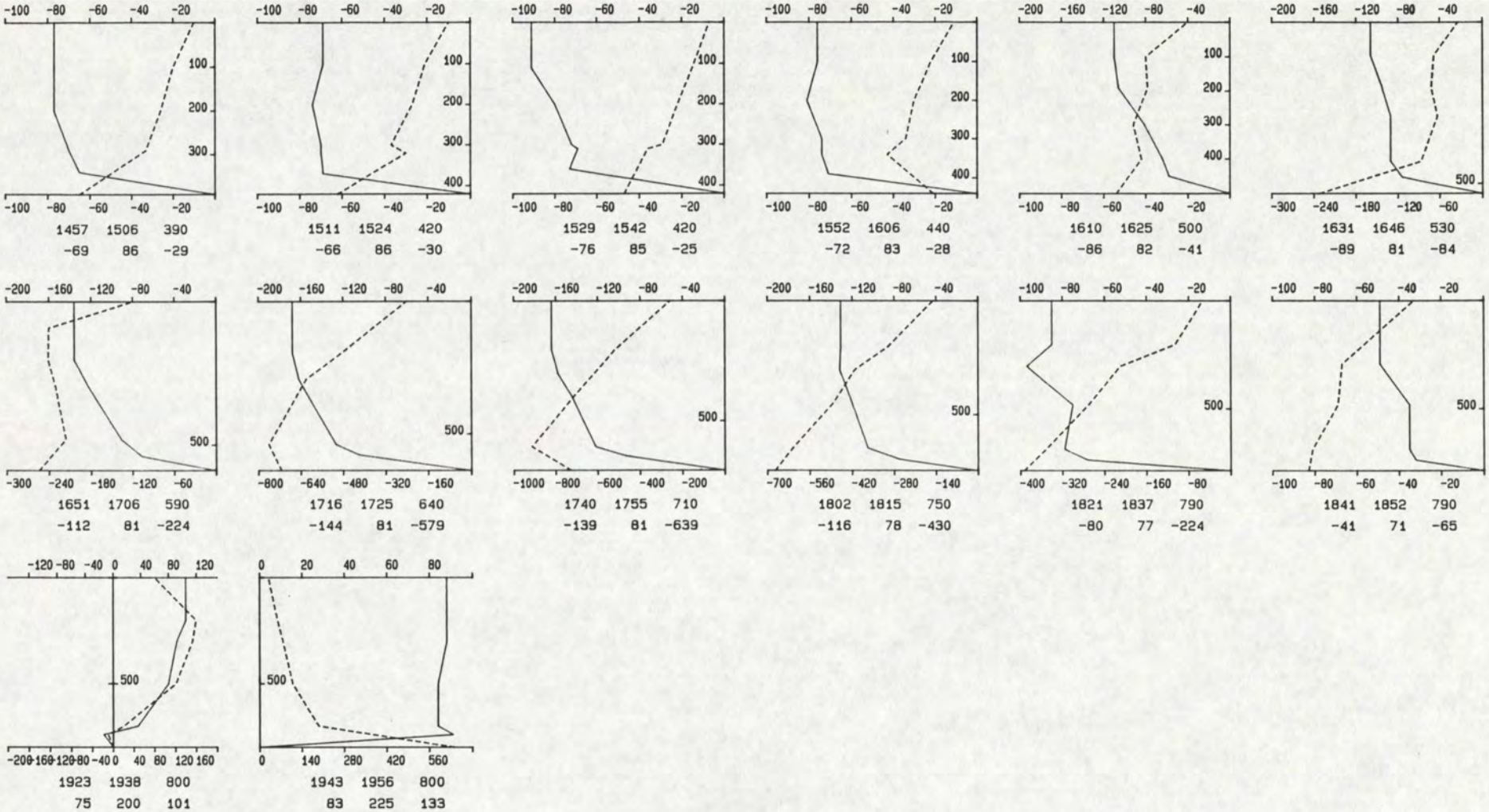

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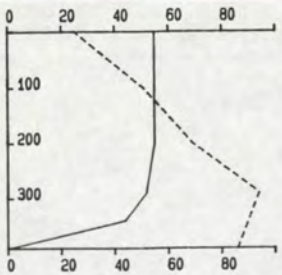

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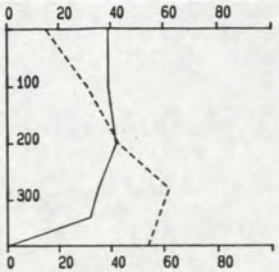

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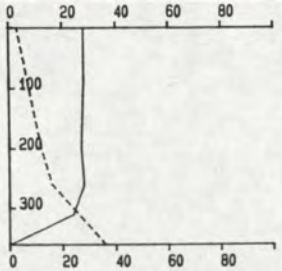

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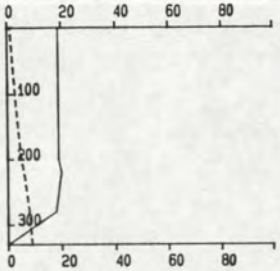

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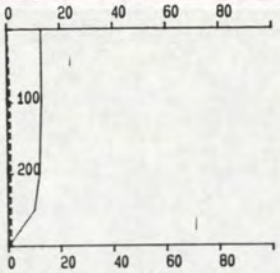

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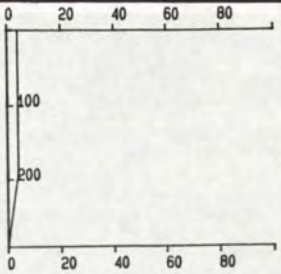

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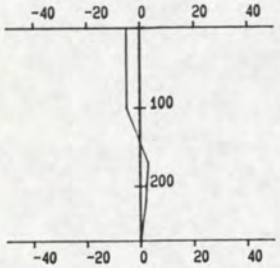

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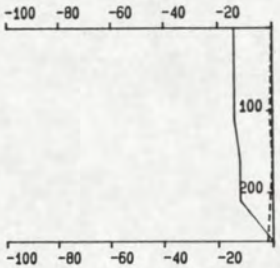

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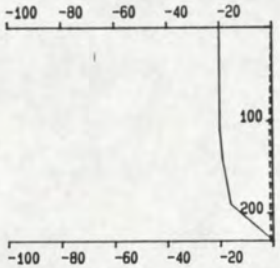

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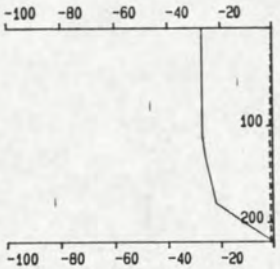

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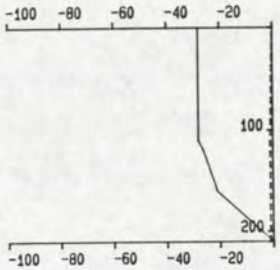

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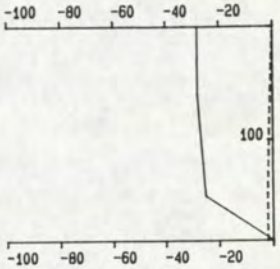
-23 124 -1



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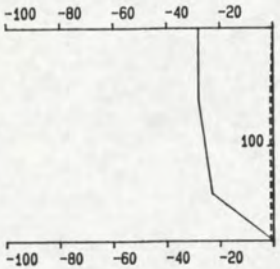
-24 128 -1



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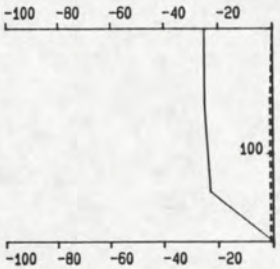
-23 123 -1



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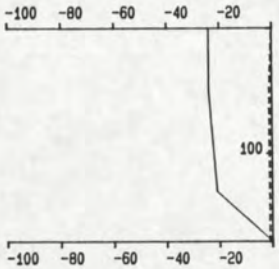

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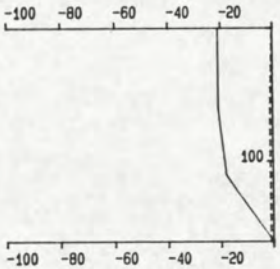

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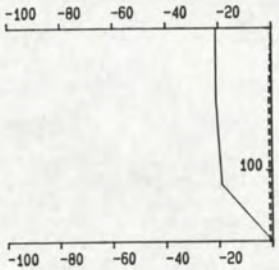
-17 123 -1



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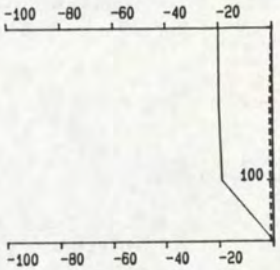

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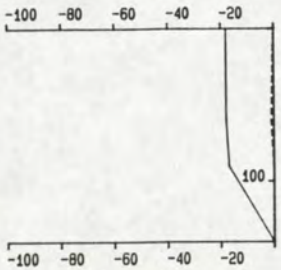
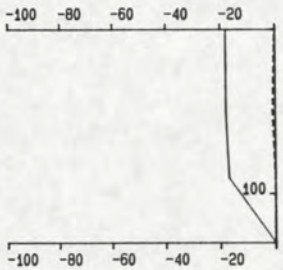
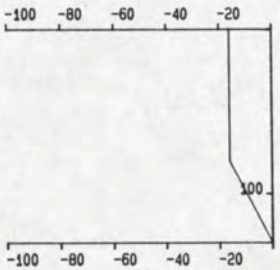


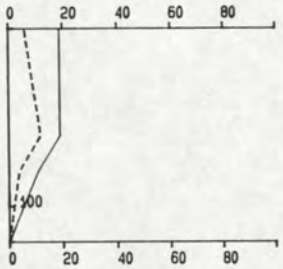
1100 1103 140
-15 127 0



1106 1109 130
-15 130 0



1112 1115 130
-13 132 0



1519 1523 120
14 332 7

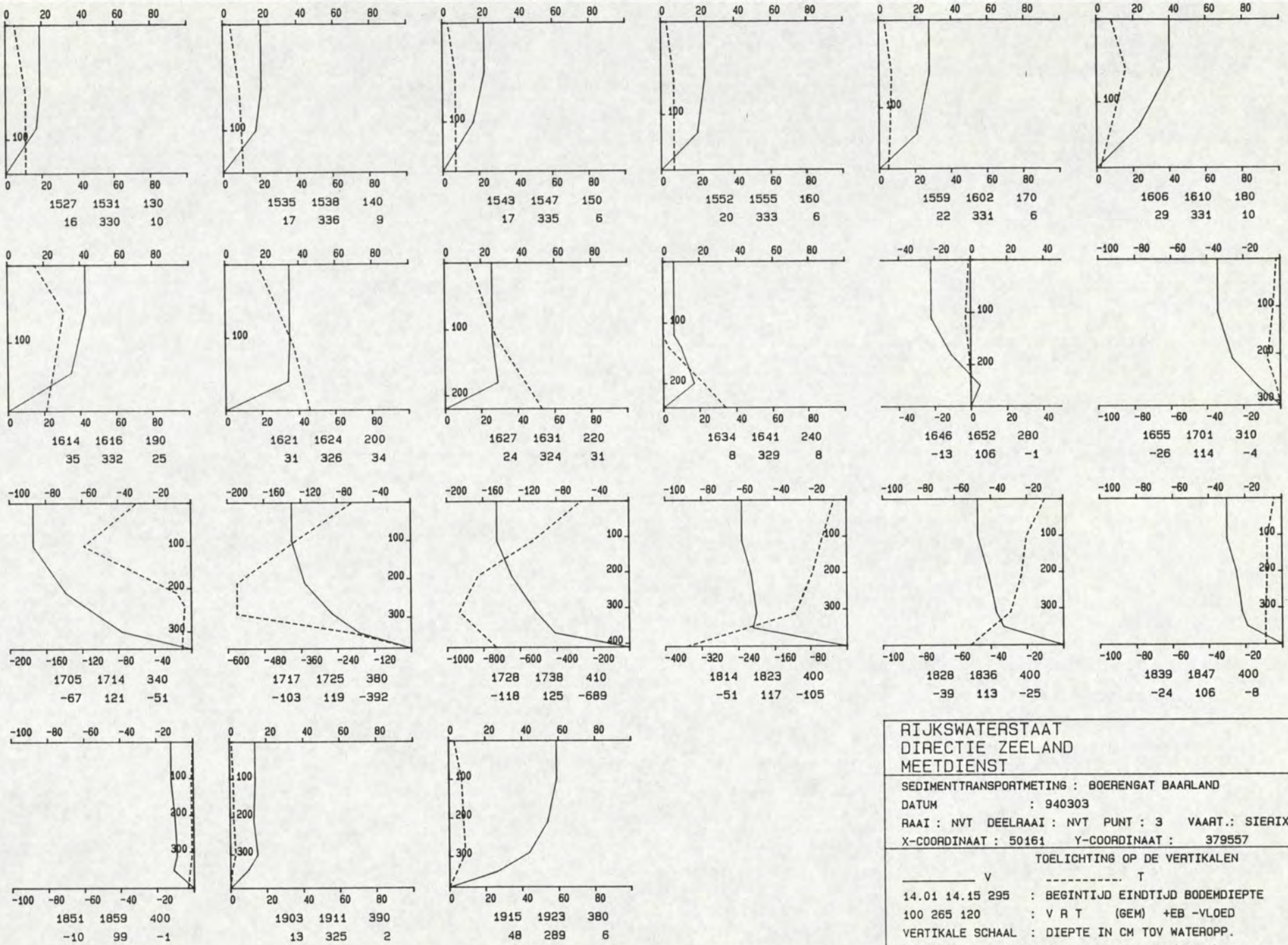
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)

/AZTM/ADMI/ZTM25A.DAT

R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: MIDDELGAT MEETPUNT 1 ;VAART.: LODYCKE

FILENAAM: AZTM07V94030306

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
705	1060	80.	314.
720	1050	96.	366.
742	990.	115.	281.
757	980.	126.	654.
813	810.	128.	976.
828	940.	131.	1096.
844	930.	124.	932.
901	900.	127.	1908.
916	870.	146.	1995.
931	850.	146.	1782.
946	820.	142.	1817.
1001	800.	130.	1702.
1016	770.	117.	1377.
1031	750.	110.	1140.
1046	730.	95.	816.
1102	710.	96.	740.
1116	690.	91.	689.
1132	670.	88.	572.
1147	660.	77.	385.
1202	650.	69.	231.
1216	630.	62.	149.
1231	580.	55.	64.
1308	600.	15.	10.
1322	520.	6.	0.
1337	570.	-5.	-2.
1351	600.	-7.	-3.
1407	600.	12.	27.
1420	630.	16.	10.
1438	640.	15.	17.
1453	640.	0.	3.
1507	670.	-5.	-3.
1522	670.	0.	0.
1538	690.	-9.	-11.
1553	720.	-23.	-69.
1608	750.	-70.	-661.
1622	810.	-92.	-1075.
1638	850.	-98.	-949.
1653	880.	-119	-1398.
1708	900.	-130	-2131.
1723	960.	-151	-3649.
1738	1020	-162	-4165.
1756	1050	-132	-3296.
1811	1090	-109	-2606.
1825	1100	-66.	-1399.
1840	1100	-33.	-624.
1908	1070	61.	367.
1923	1060	92.	1058.
1937	1040	75.	453.
1951	1030	81.	308.

/AZTM/ADMI/ZTM25A.DAT

R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: MIDDELGAT MEETPUNT 2 ;VAART.: ARGUS

FILENAAM: AZTM05V94030306

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
708	800.	82.	895.
730	760.	95.	598.
755	790.	107.	663.
824	730.	108.	952.
846	690.	111.	1267.
908	660.	105.	1529.
930	570.	112.	2231.
950	540.	108.	2010.
1025	510.	89.	1564.
1047	450.	75.	926.
1106	430.	67.	487.
1125	420.	61.	289.
1143	370.	46.	178.
1247	340.	13.	17.
1302	310.	1.	7.
1315	280.	-16.	-4.
1328	280.	-34.	-8.
1344	310.	-67.	-141.
1401	310.	-81.	-356.
1416	340.	-71.	-263.
1431	380.	-64.	-157.
1446	360.	-73.	-116.
1501	390.	-69.	-114.
1517	420.	-66.	-124.
1535	420.	-76.	-103.
1559	440.	-72.	-122.
1617	500.	-86.	-204.
1638	530.	-89.	-445.
1658	590.	-112	-1322.
1720	640.	-144	-3704.
1747	710.	-139	-4540.
1808	750.	-116	-3224.
1829	790.	-80.	-1773.
1846	790.	-41.	-514.
1930	800.	75.	812.
1949	800.	83.	1064.

/AZTM/ADMI/ZTM25A.DAT

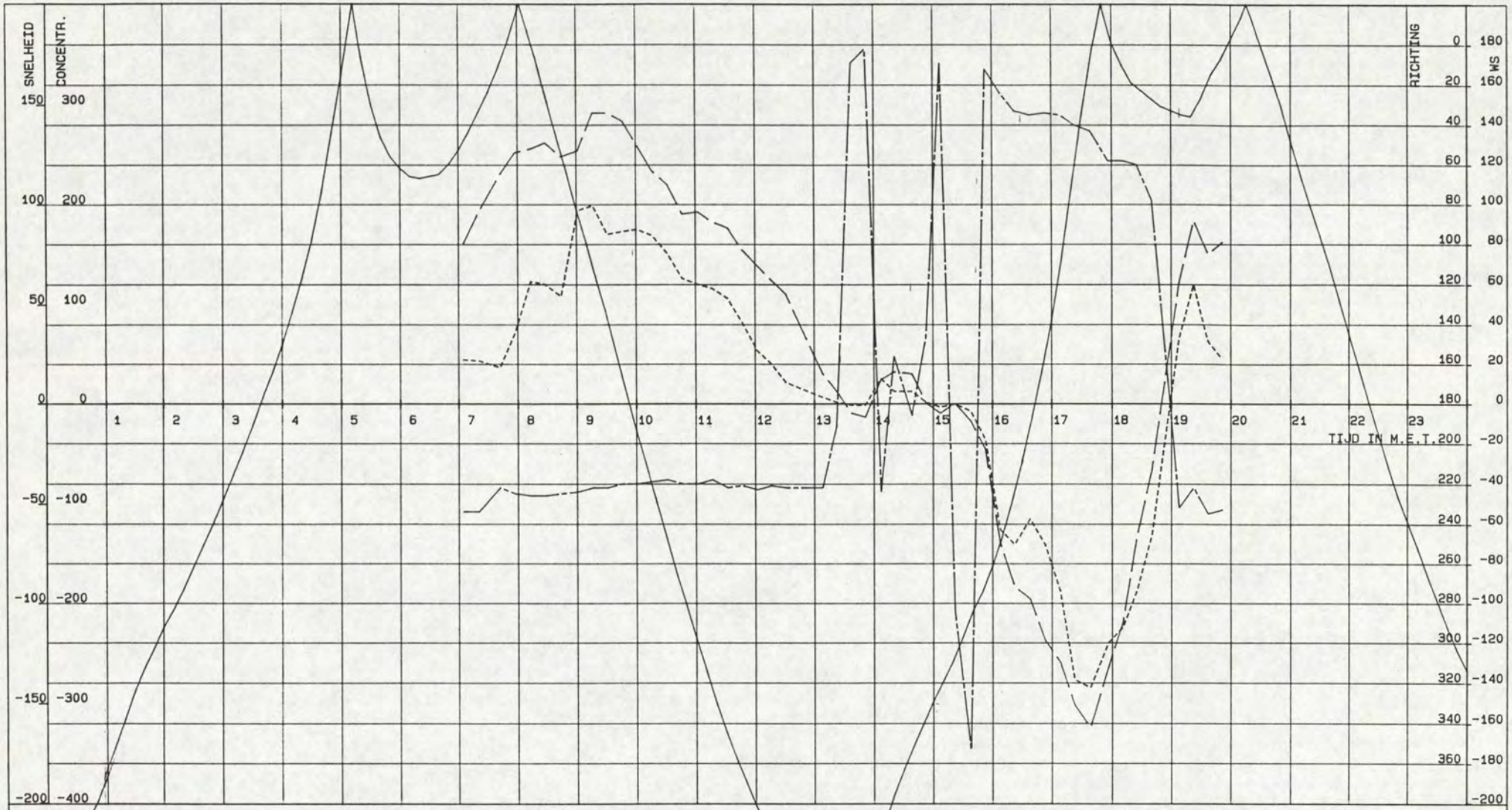
R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: BOERENGAT MEETPUNT 3 ;VAART.: SIERIX

FILENAAM: AZTM09V94030308

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
807	390.	50.	262.
822	380.	36.	160.
838	360.	25.	50.
854	330.	18.	16.
906	300.	11.	3.
920	290.	3.	0.
931	270.	-1.	0.
940	260.	-12.	-2.
950	230.	-17.	-2.
1000	220.	-23.	-2.
1009	210.	-23.	-2.
1017	190.	-24.	-3.
1024	180.	-23.	-2.
1030	170.	-21.	-2.
1037	170.	-20.	-2.
1044	160.	-17.	-1.
1049	150.	-18.	-1.
1056	140.	-17.	-1.
1101	140.	-15.	-0.
1107	130.	-15.	-0.
1113	130.	-13.	0.
1521	120.	14.	8.
1529	130.	16.	13.
1536	140.	17.	12.
1545	150.	17.	10.
1553	160.	20.	10.
1600	170.	22.	10.
1608	180.	29.	18.
1615	190.	35.	48.
1622	200.	31.	68.
1629	220.	24.	68.
1637	240.	8.	19.
1649	280.	-13.	-4.
1658	310.	-26.	-12.
1709	340.	-67.	-174.
1721	380.	-103	-1490.
1733	410.	-118	-2825.
1818	400.	-51.	-419.
1832	400.	-39.	-101.
1843	400.	-24.	-31.
1855	400.	-10.	-5.
1907	390.	13.	7.
1919	380.	48.	24.

11. Gemiddelde krommen - zandconcentratie



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

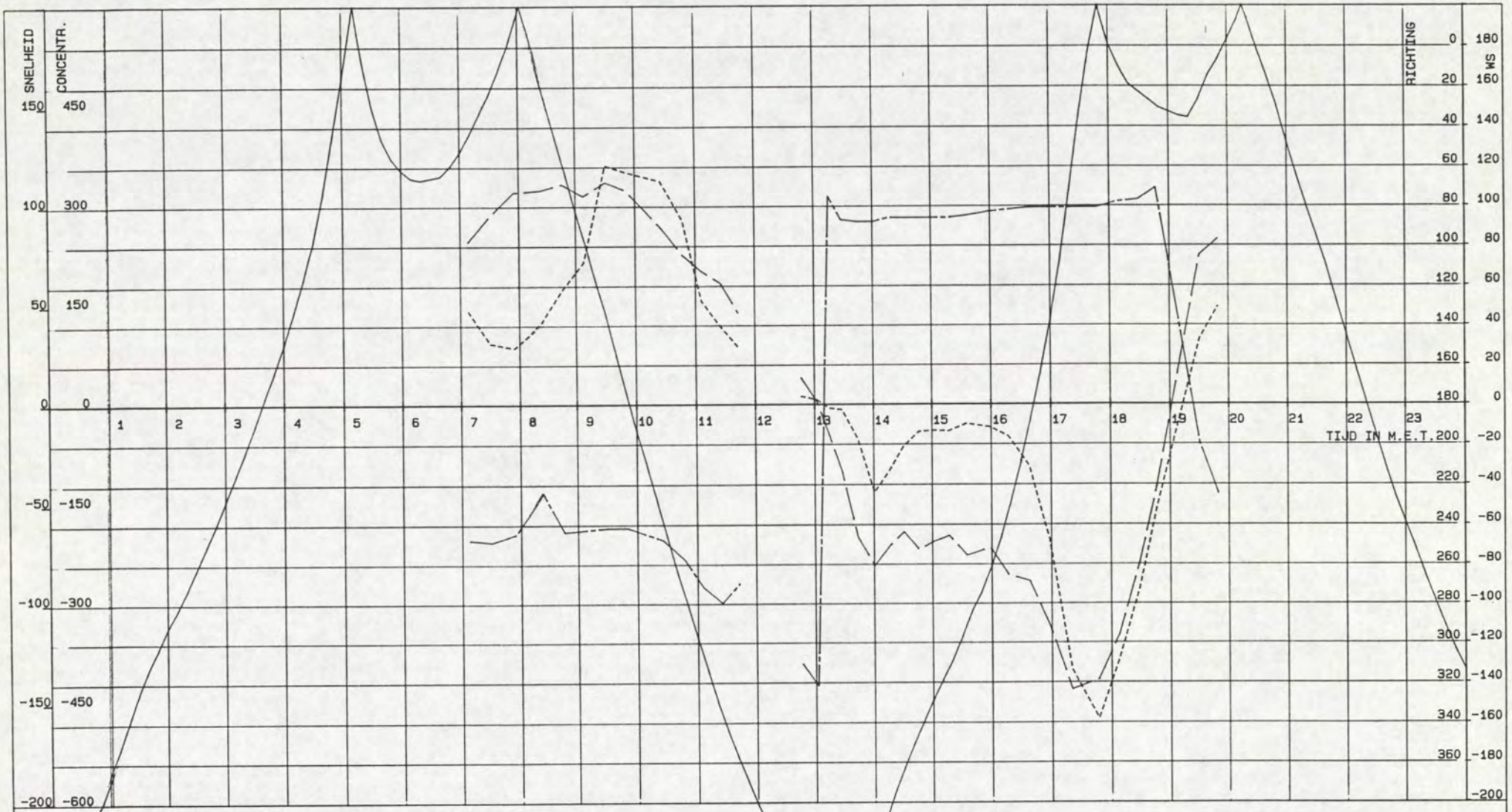
VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

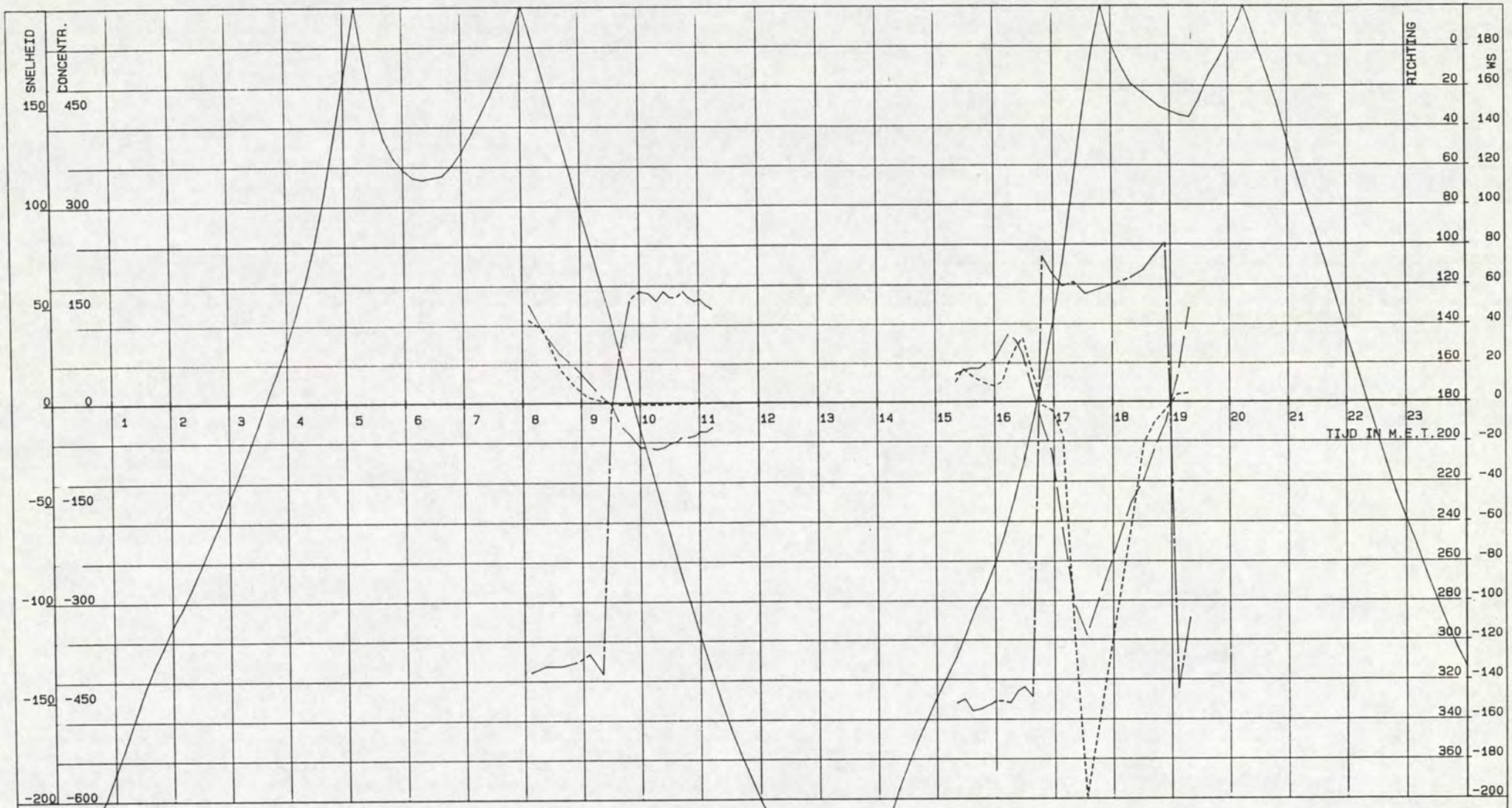
VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. ---------- CONCENTRATIE.mgX1. _____ RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

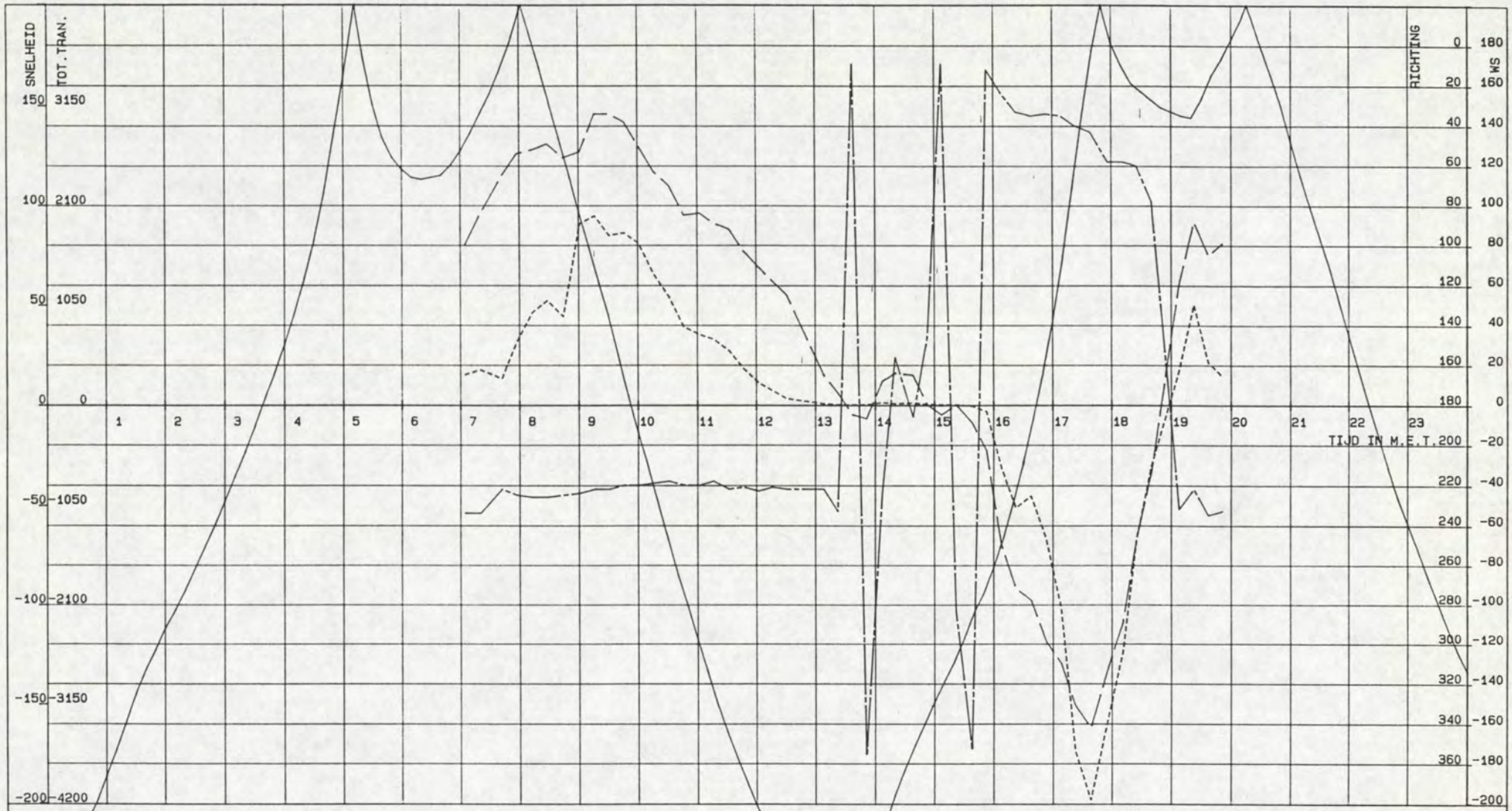
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

12. Gemiddelde krommen - zandtransport



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TOTAAL TRANSPORT .g/ms. RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

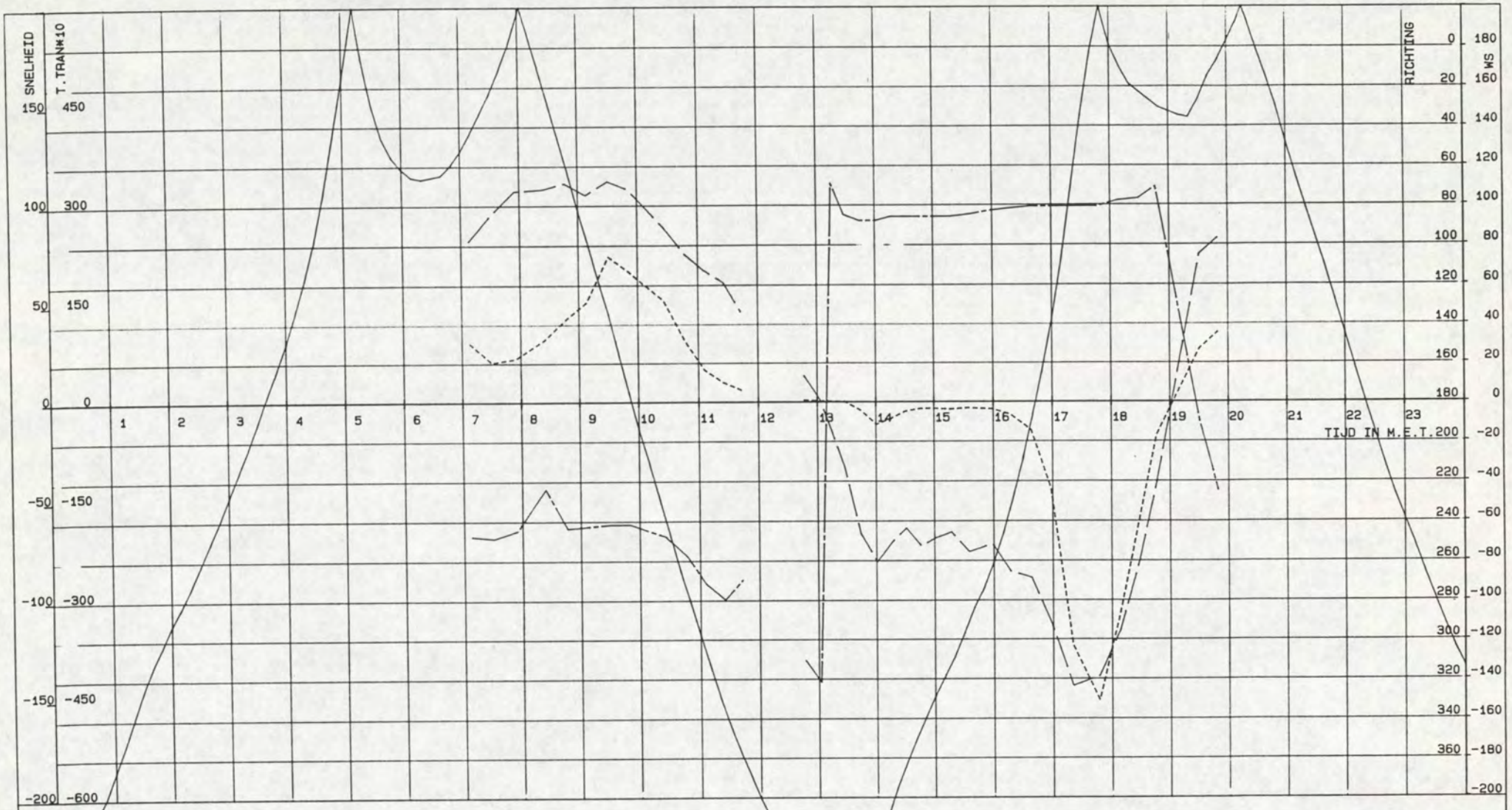
VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TOTAAL TRANSPORT .10g/ms RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

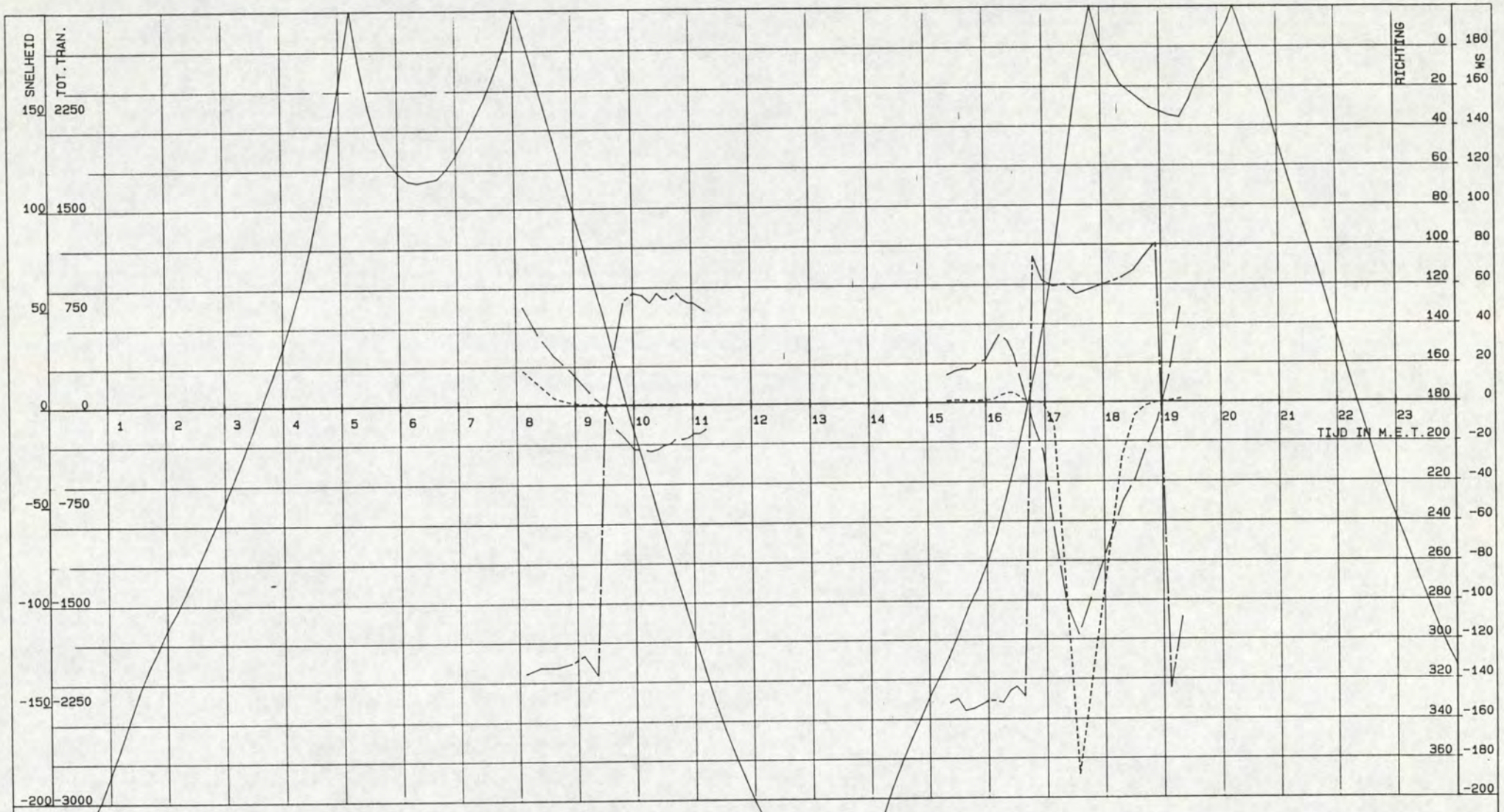
VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TOTAAL TRANSPORT .g/ms. _____ RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

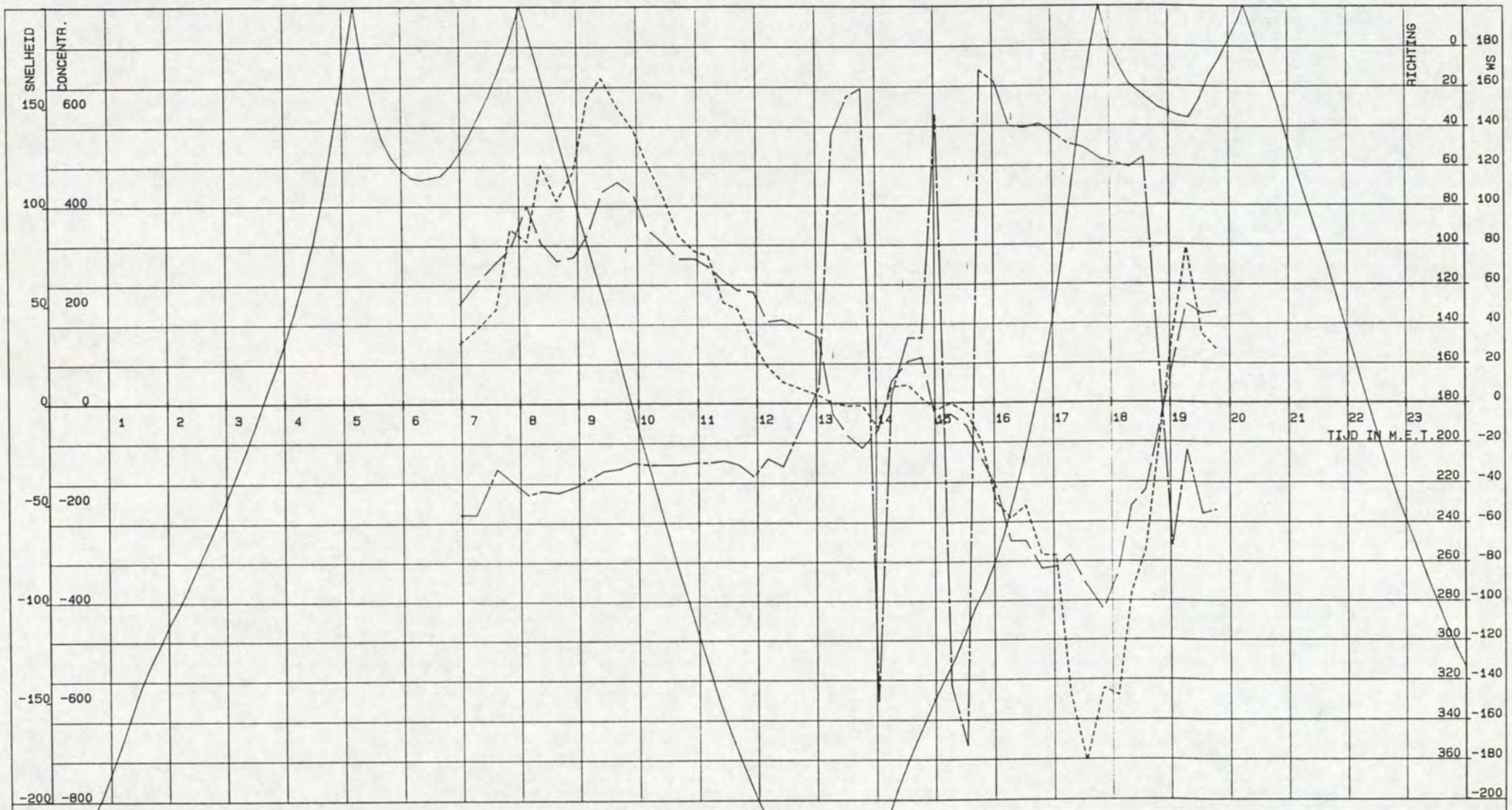
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

13. Krommen per meetniveau - zandconcentratie



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

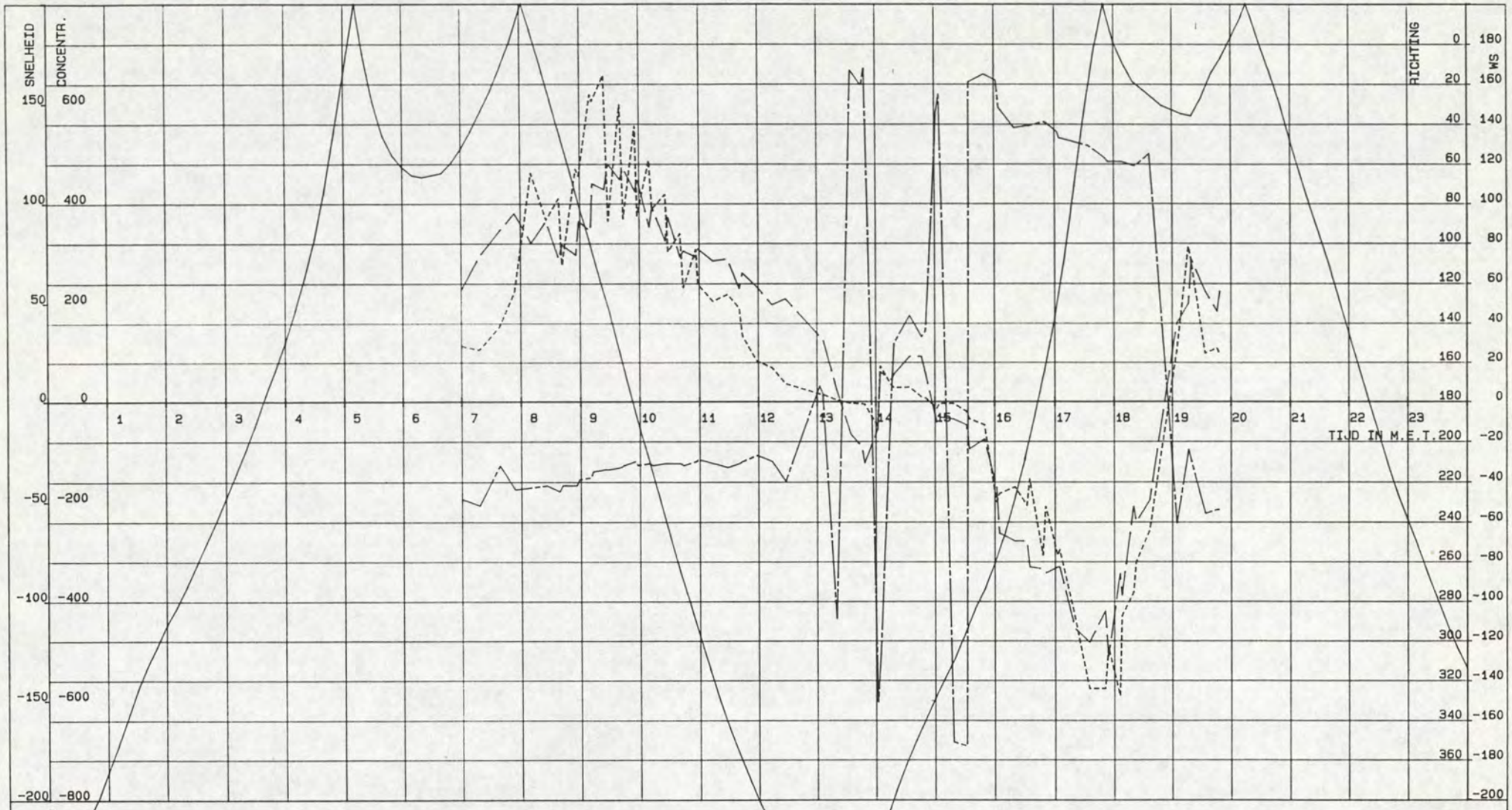
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 50 CM

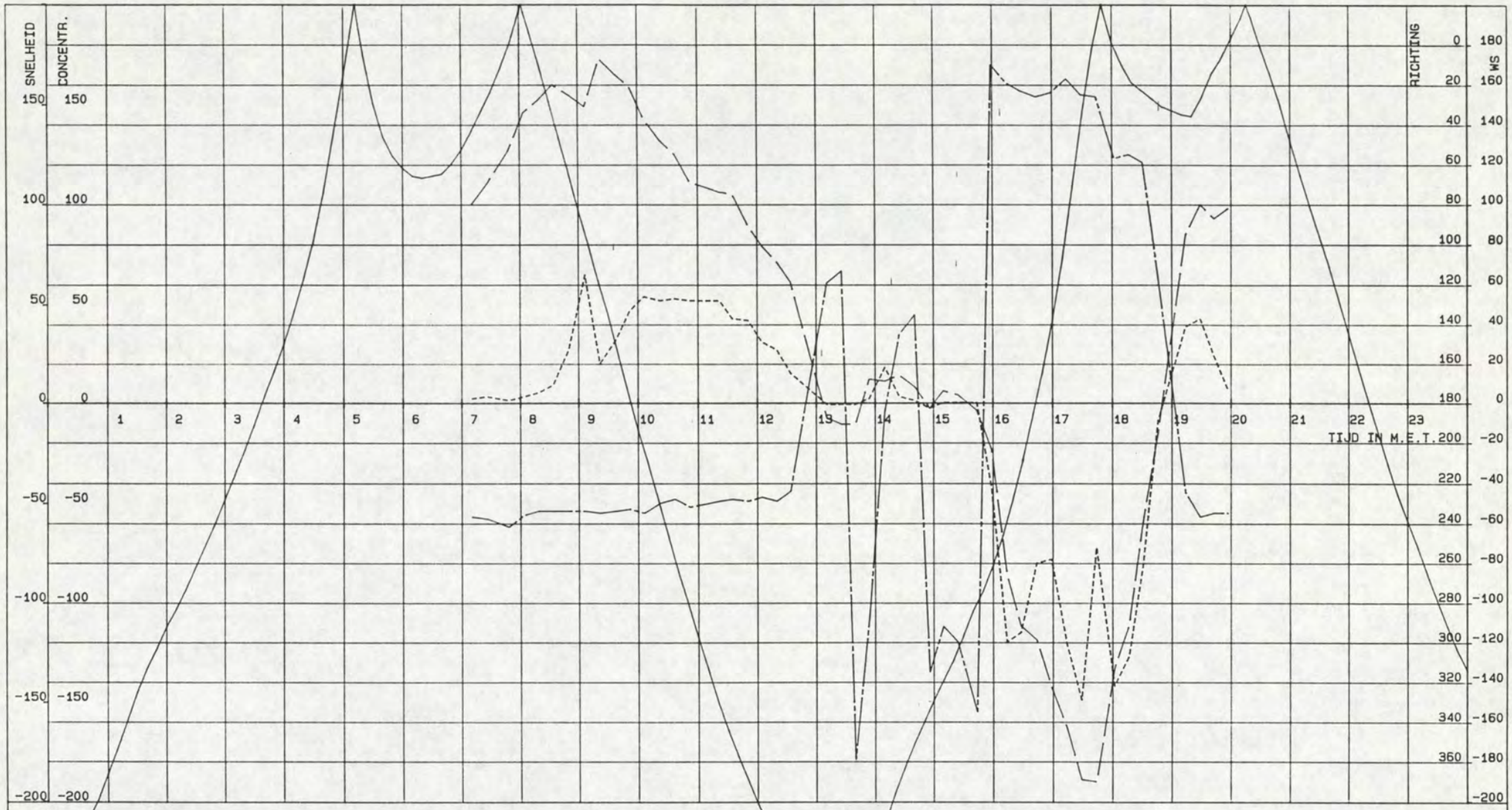
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : LODYCKE			DATUM : 03-03-1994	AFSTAND TOT BODEM: 100 CM	RIJKSWATERSTAAT
KASTNR. : 102.3.5-06	POSITIE.X. : 51633	CYCLUSTIJD : 120	STARTTIJD : 06 u 59		DIRECTIE ZEELAND
VISNR. : 102.3.3-07	POSITIE.Y. : 379367	MIDD.TIJD : 120	EINDTIJD : 19 u 57		MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- CONCENTRATIE.mg/l. _____ _____ RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

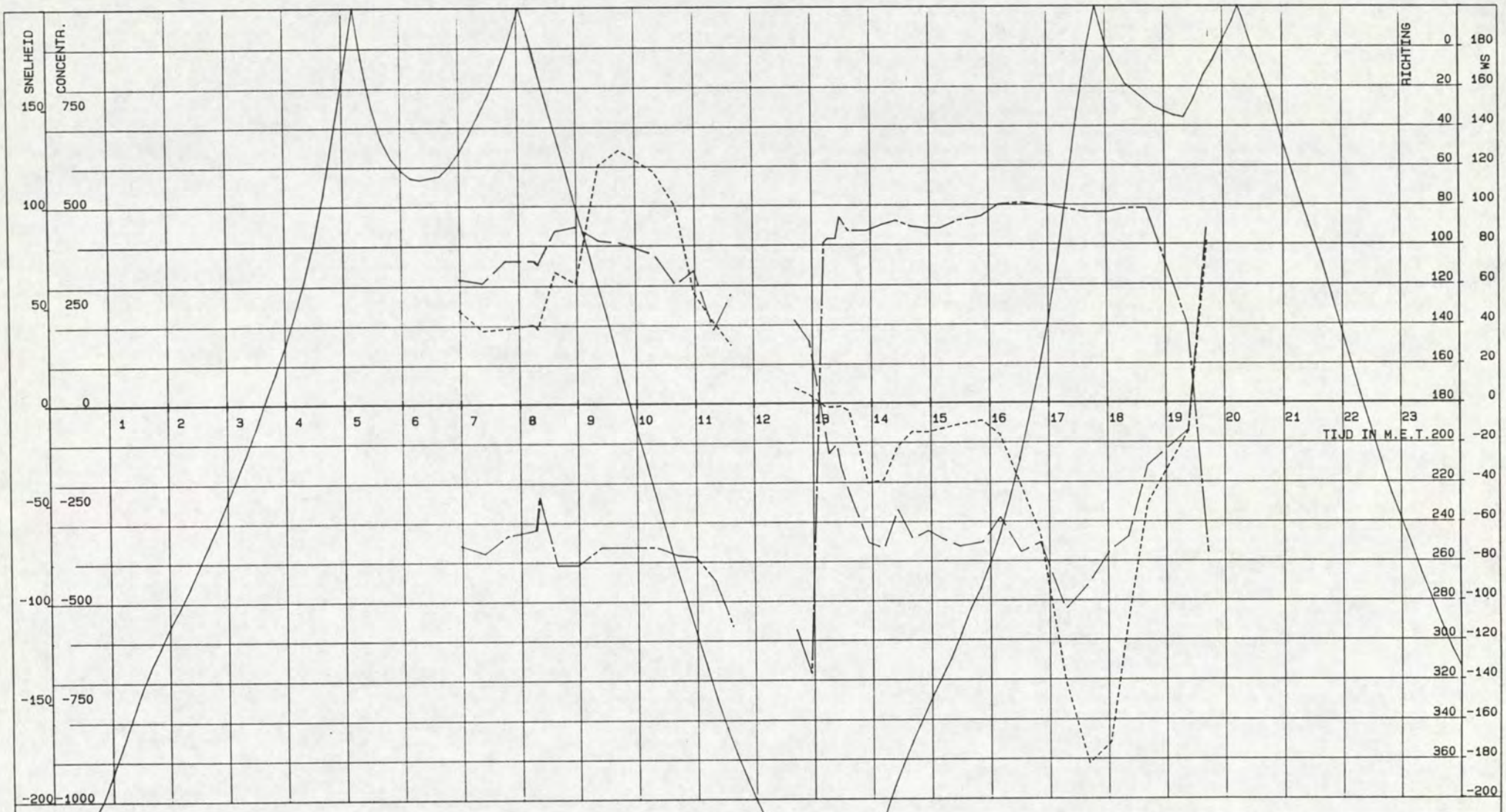
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

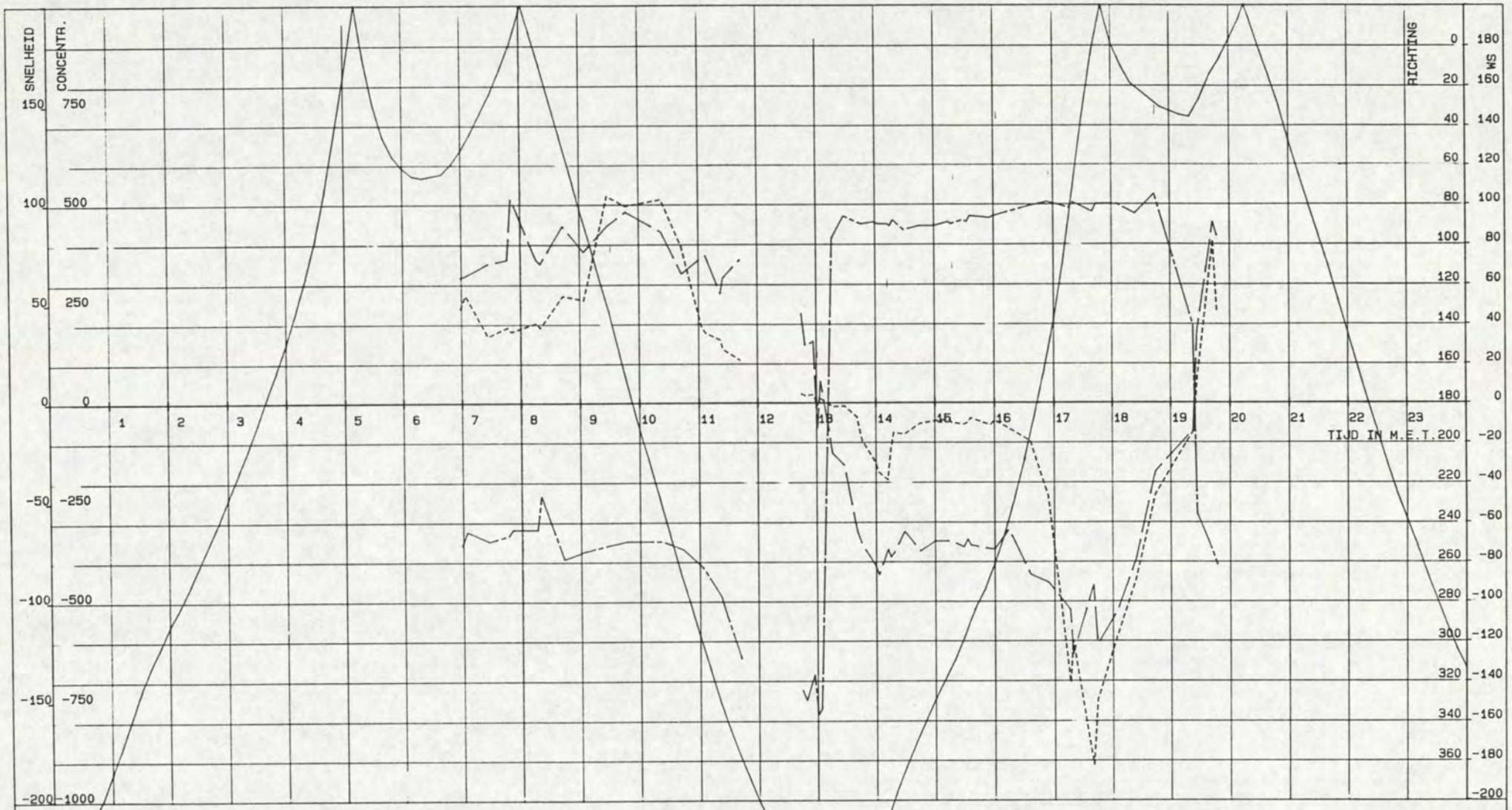
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

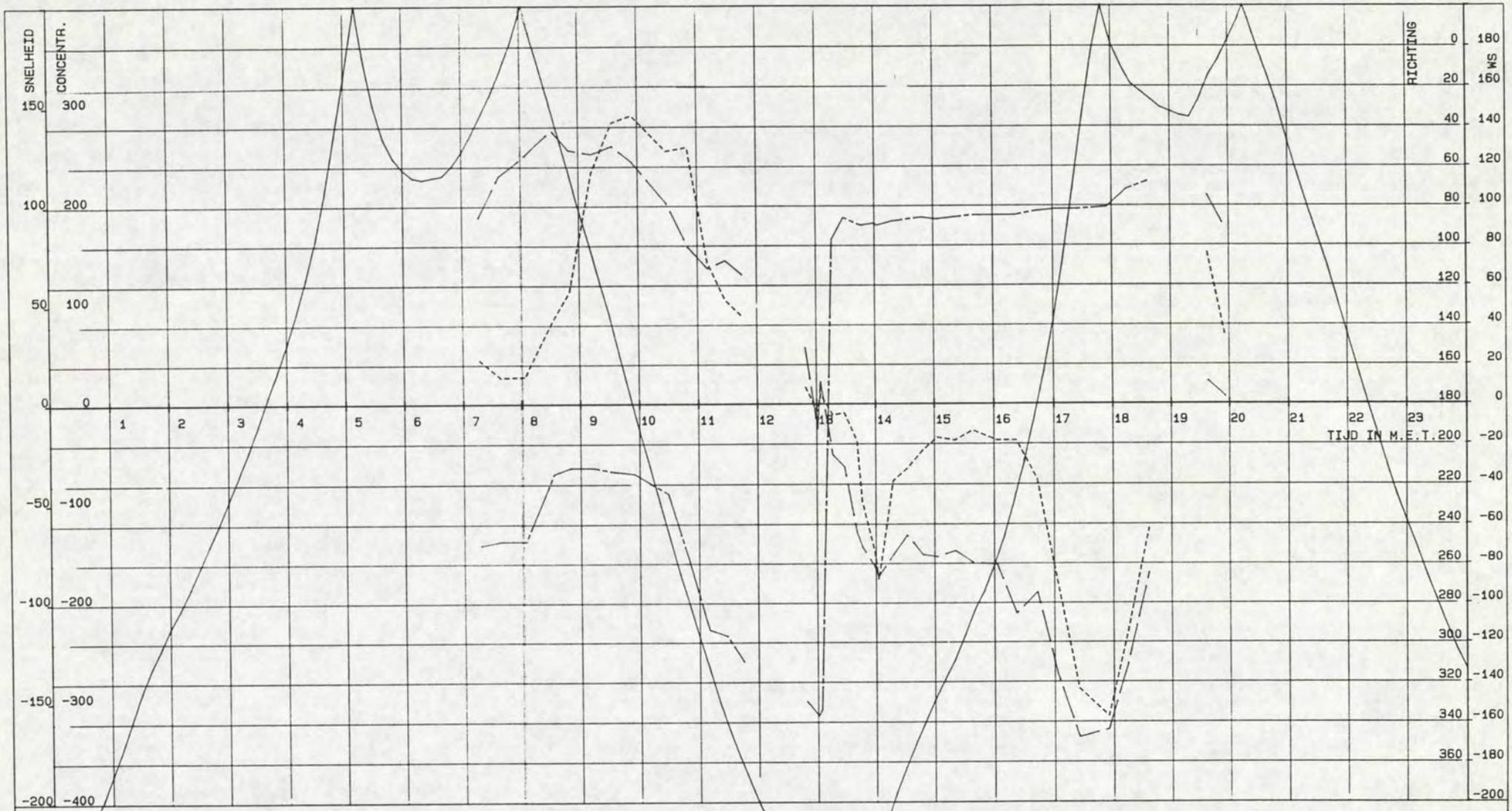
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

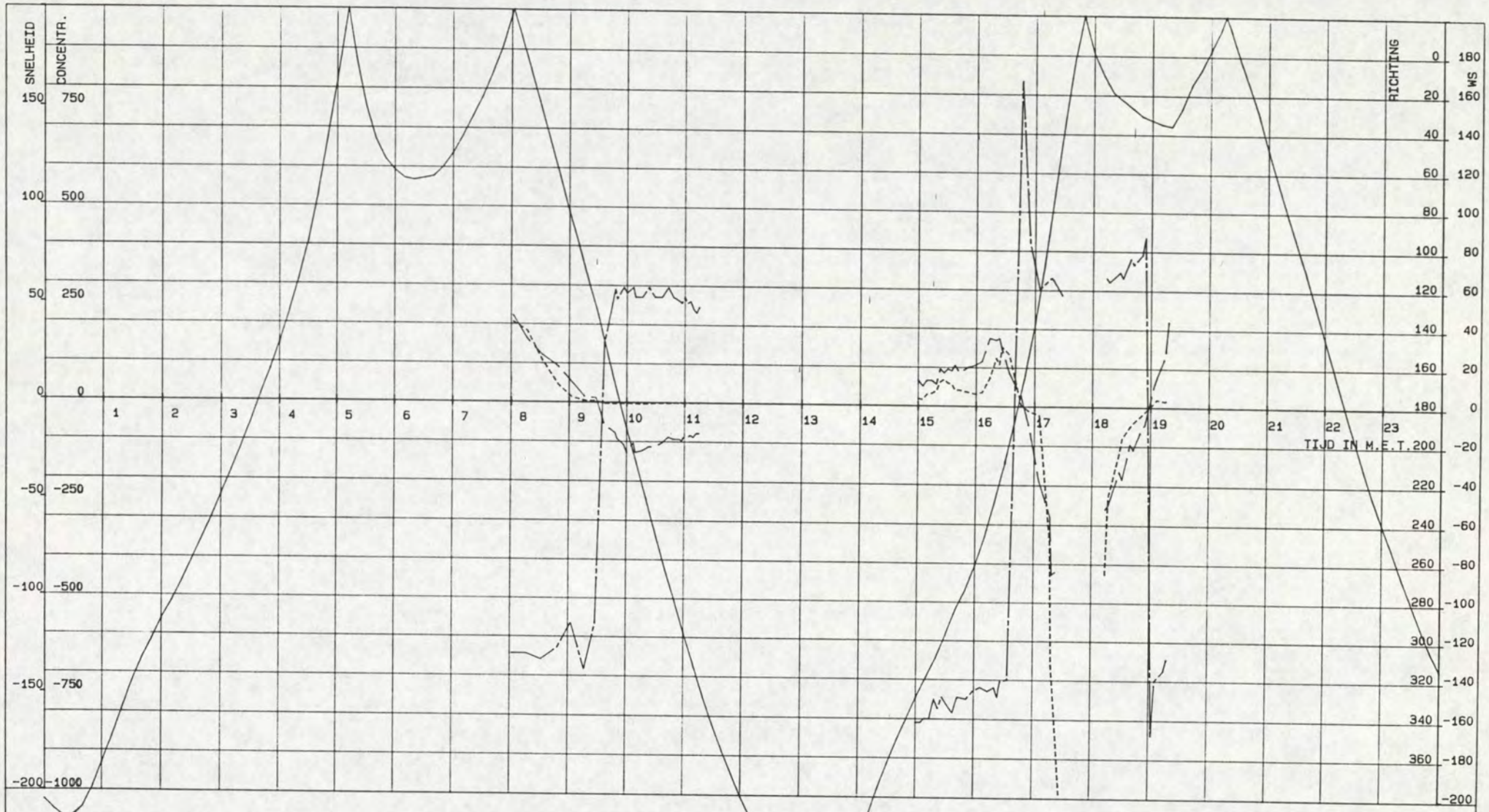
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

——— GETIJLIJN HANS .cm. — — . SNELHEID.cm/s. ---------- CONCENTRATIE.mg/l. ——— RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

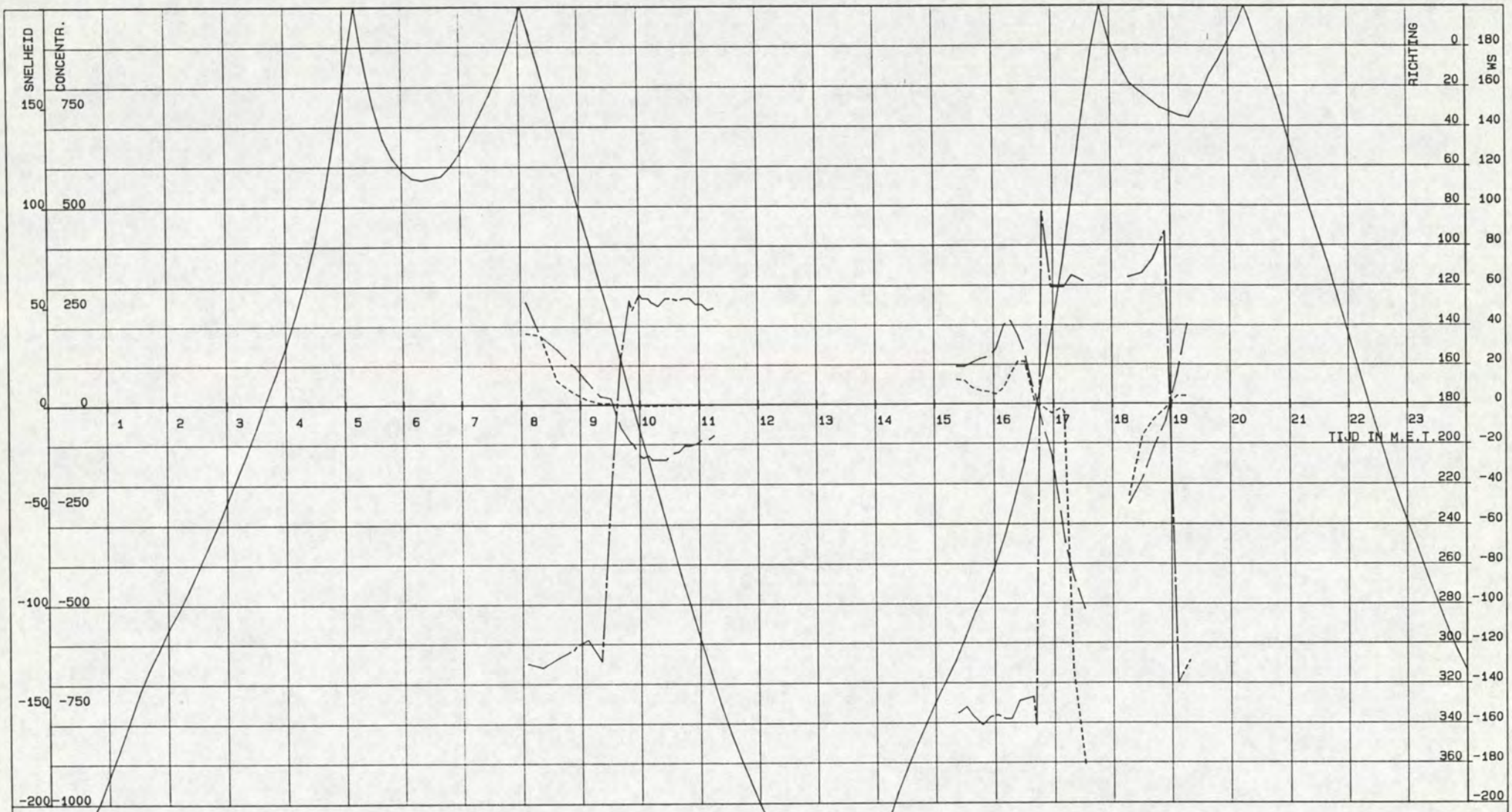
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

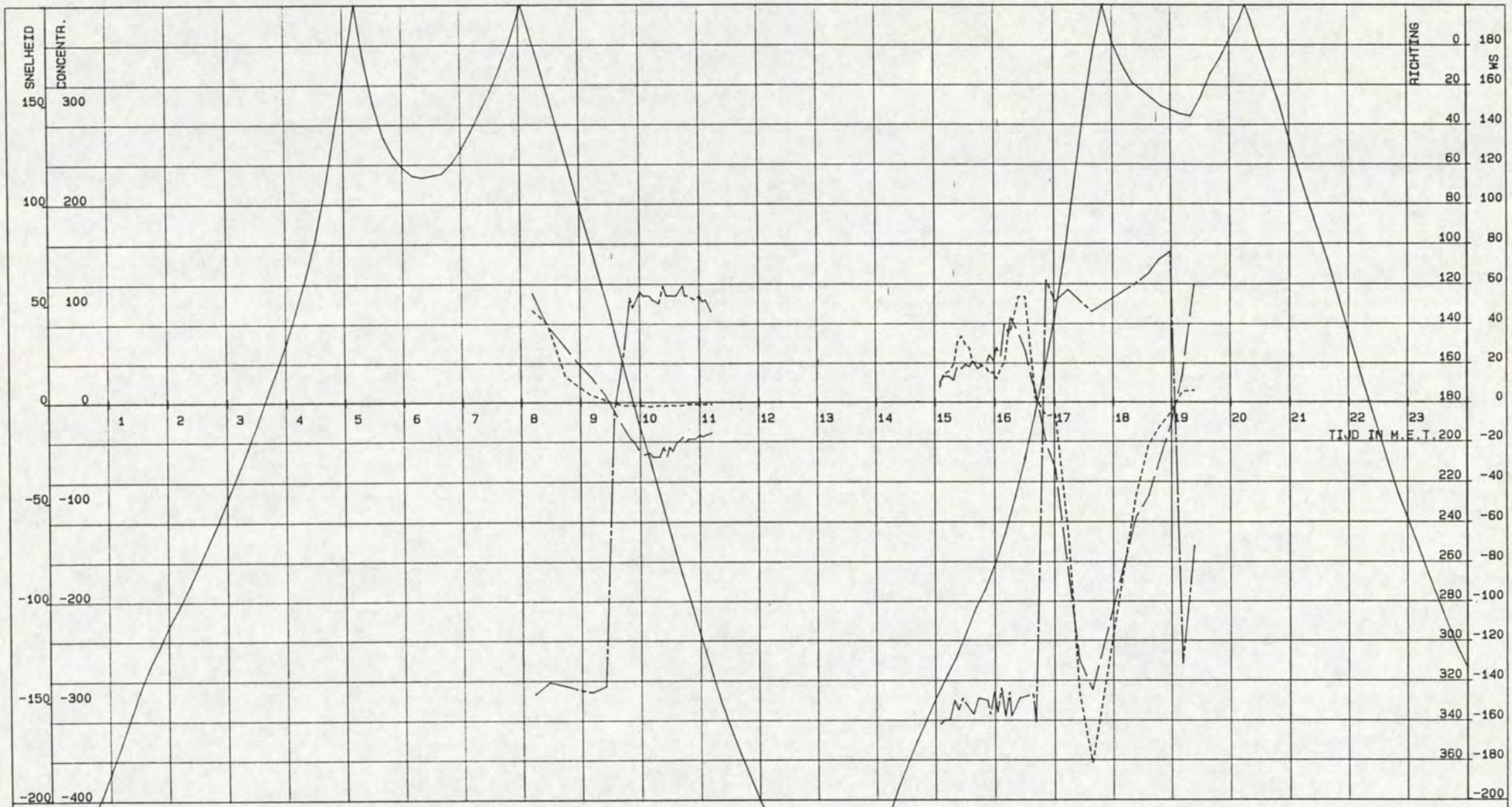
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. ---------- CONCENTRATIE.mg/l. _____ RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

POSITIE.X. : 50161
POSITIE.Y. : 379557

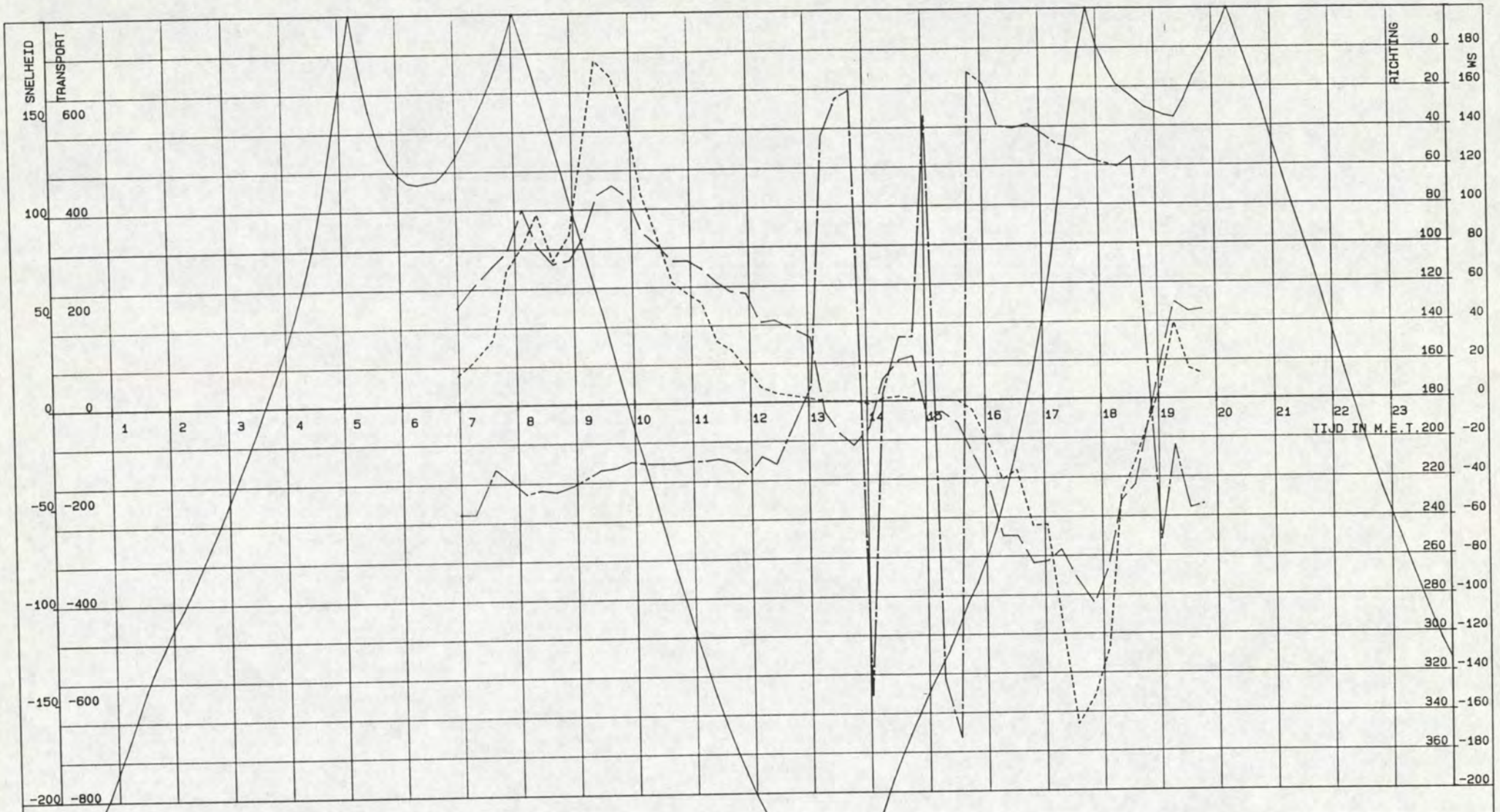
CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT OPP. : 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

14. Krommen per meetniveau - zandtransport



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT g/m2s. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

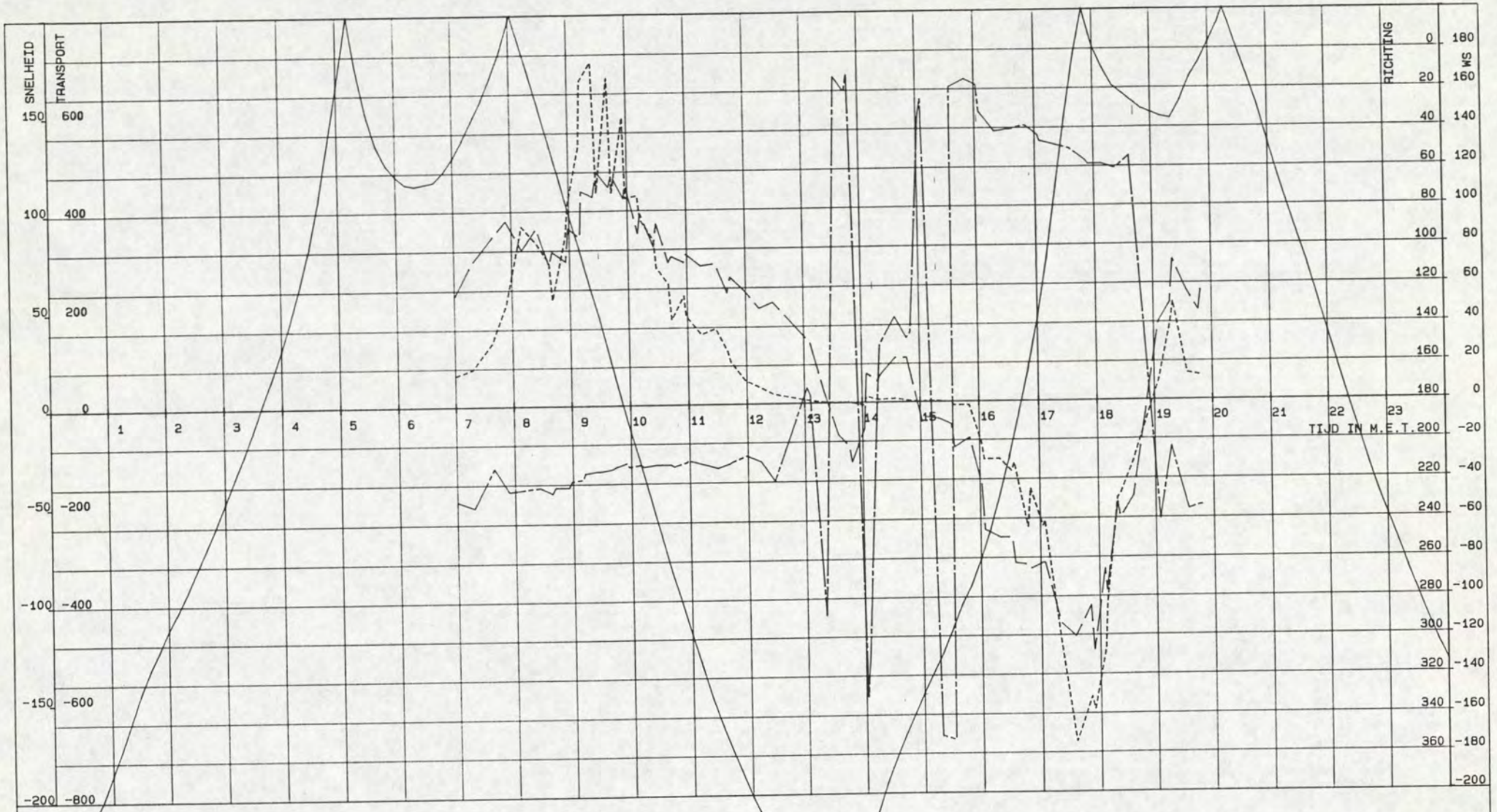
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

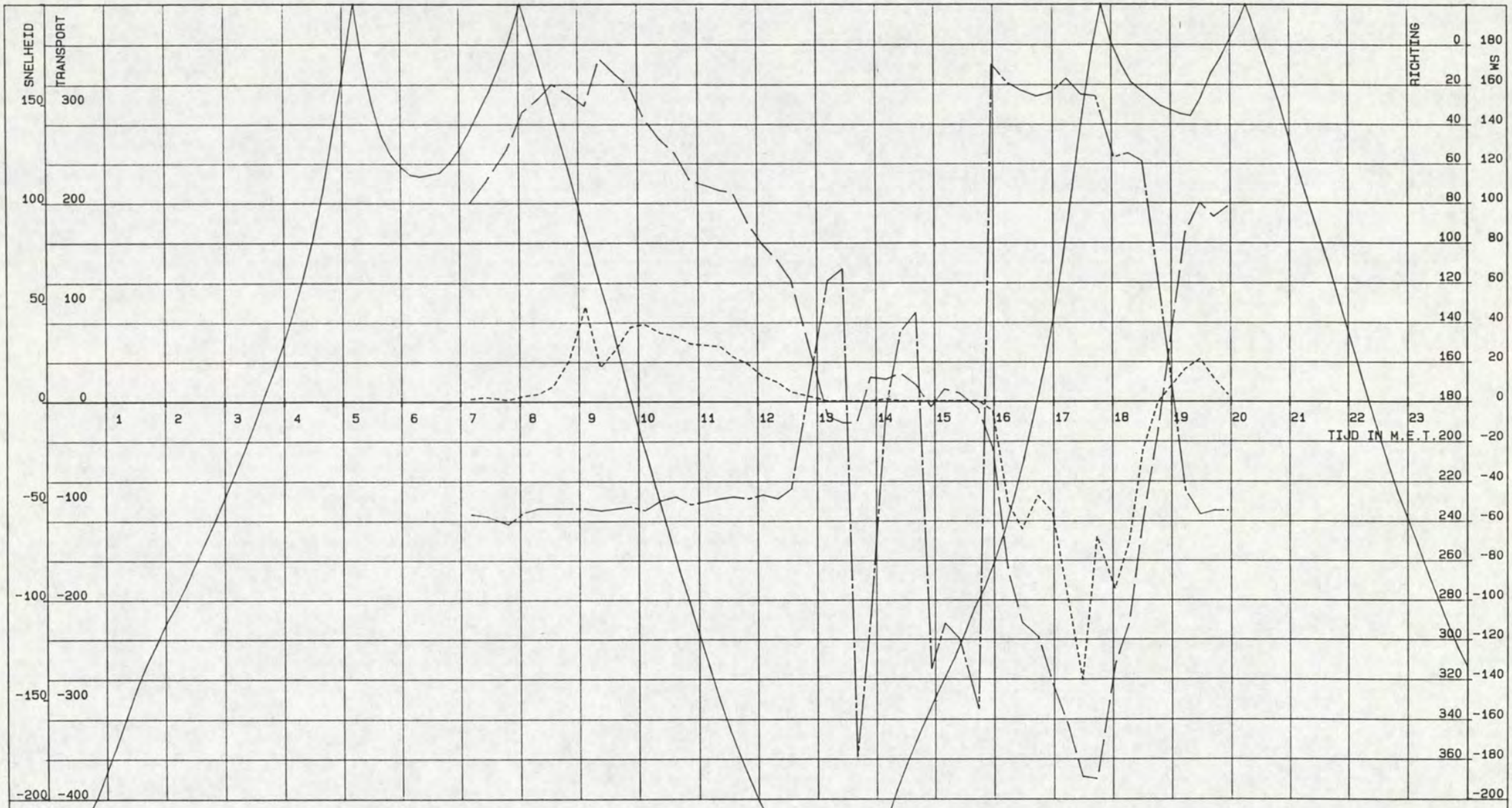
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 1

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TRANSPORT .g/m2s. _____ _ _ RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

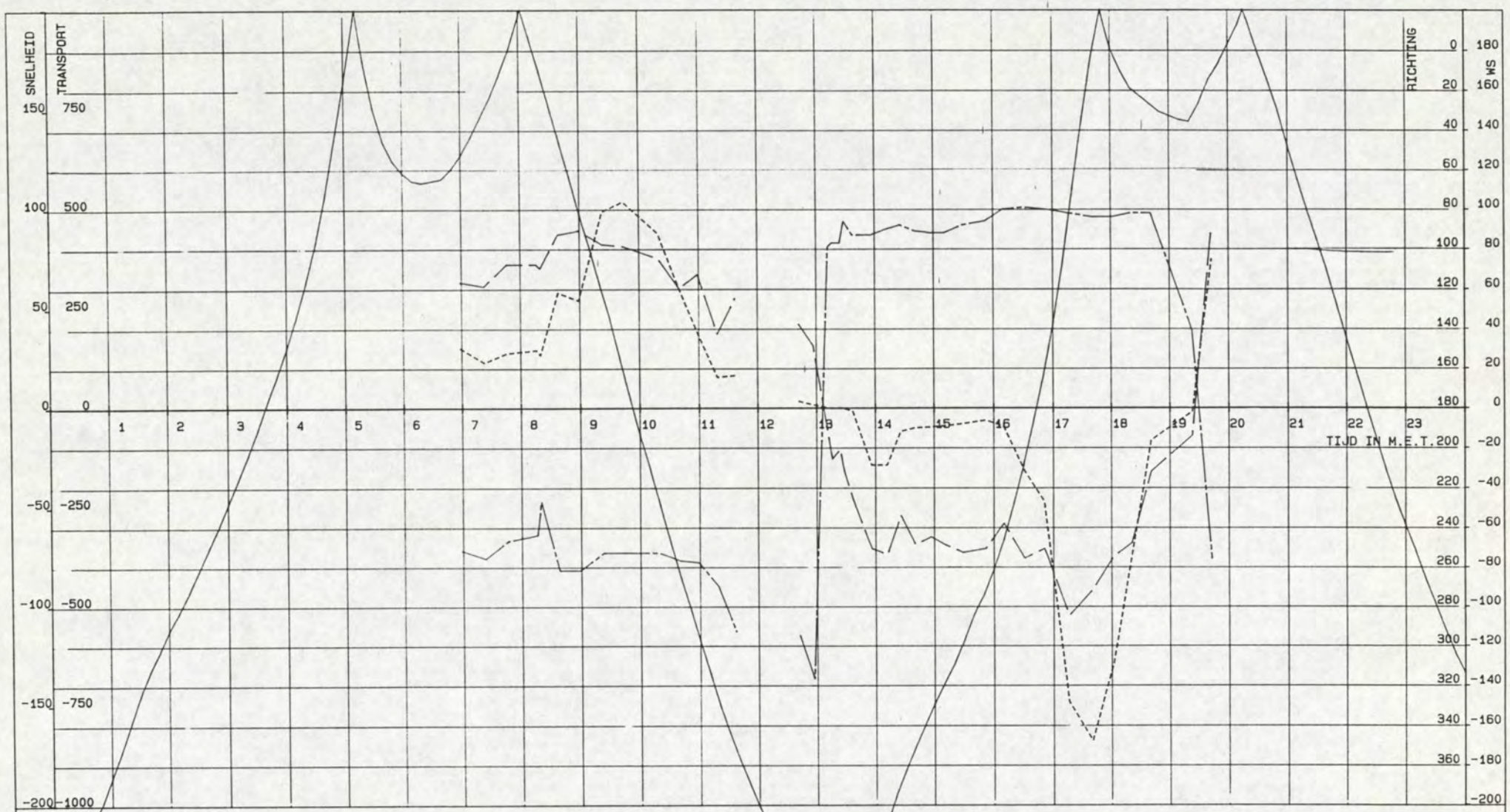
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

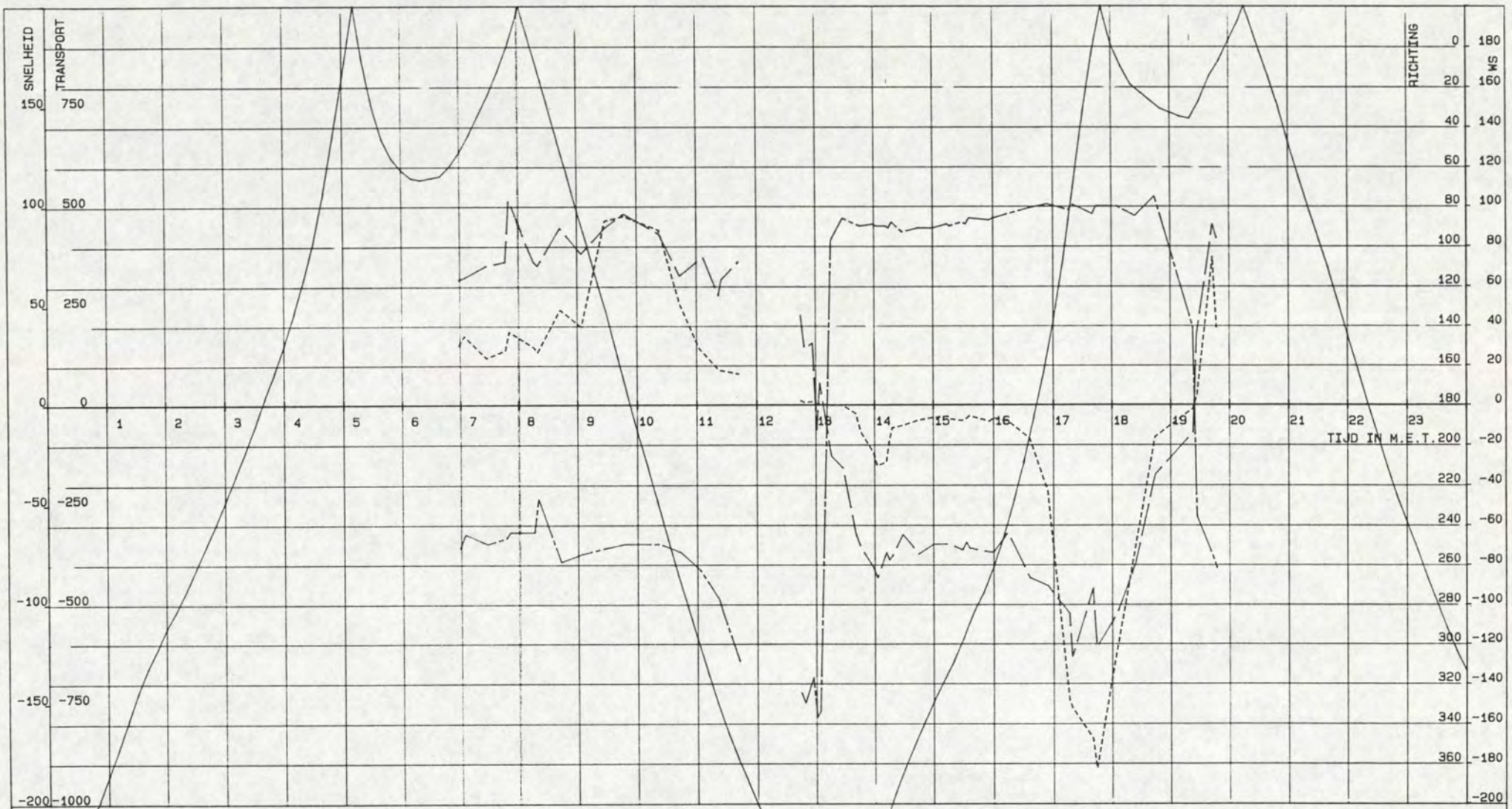
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TRANSPORT g/m2s. _____ _ ____ RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

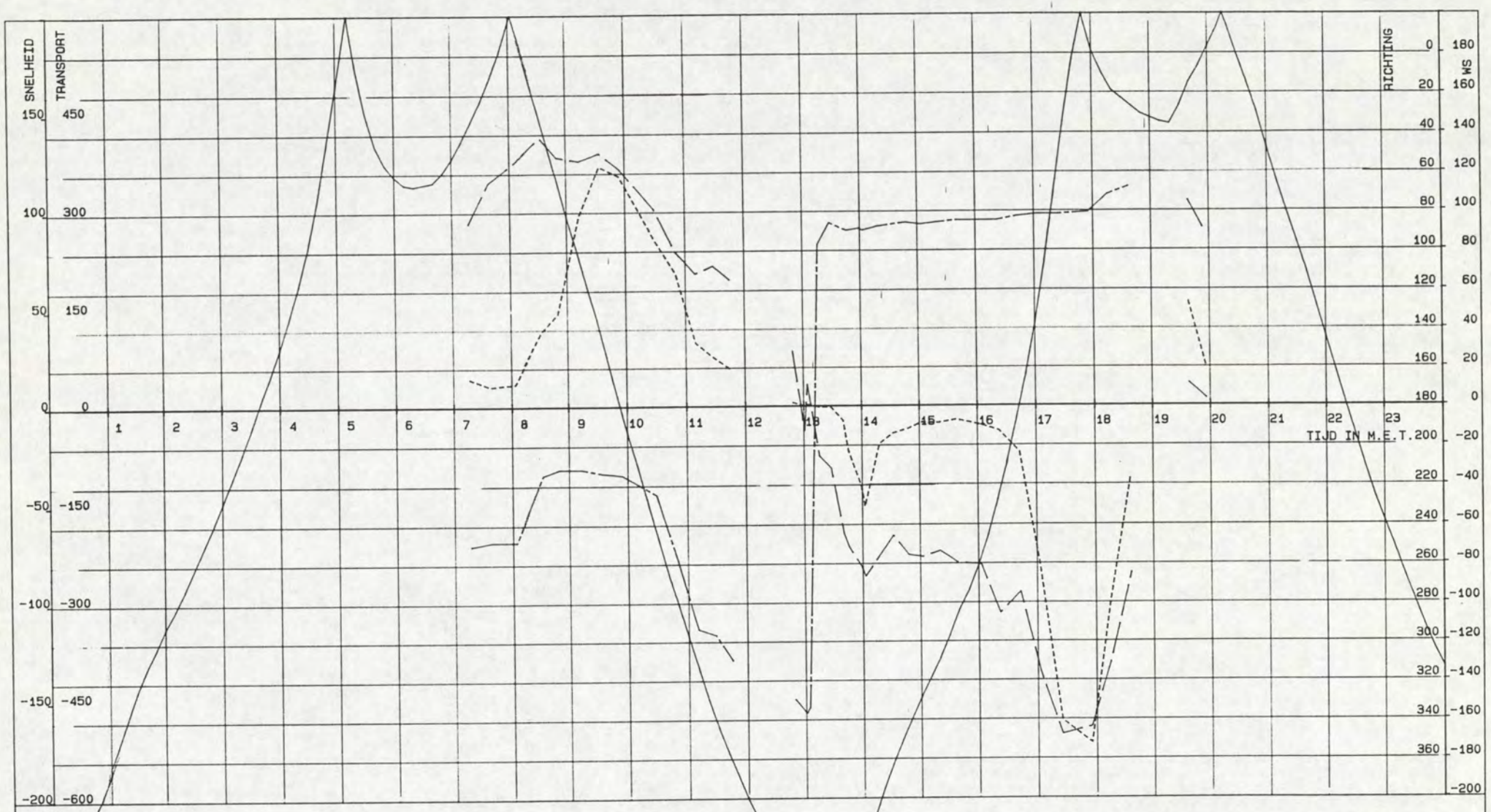
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



MIDDELGAT OMGEVING BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

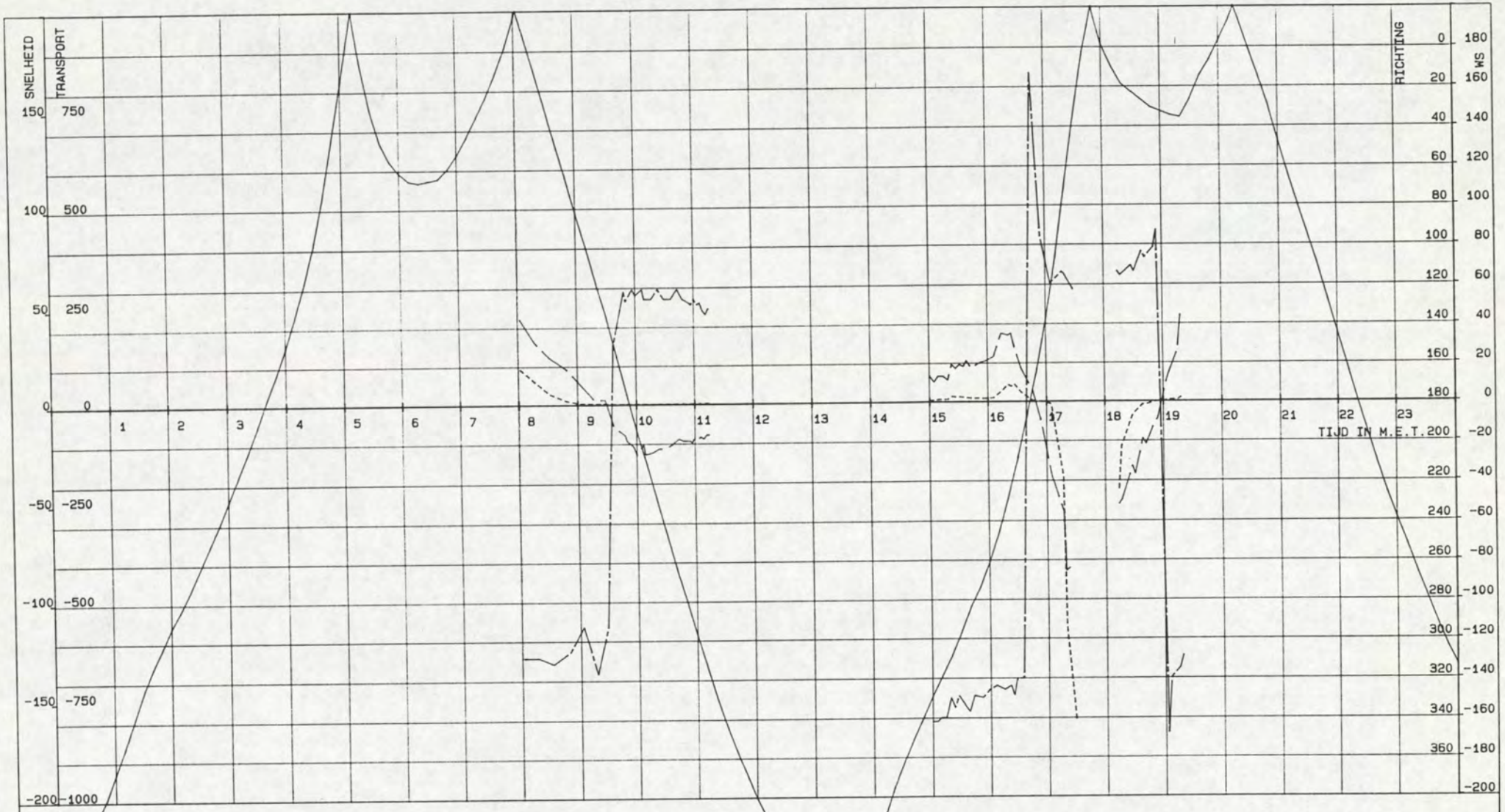
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. ---------- TRANSPORT .g/m2s. _____ . _____ RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

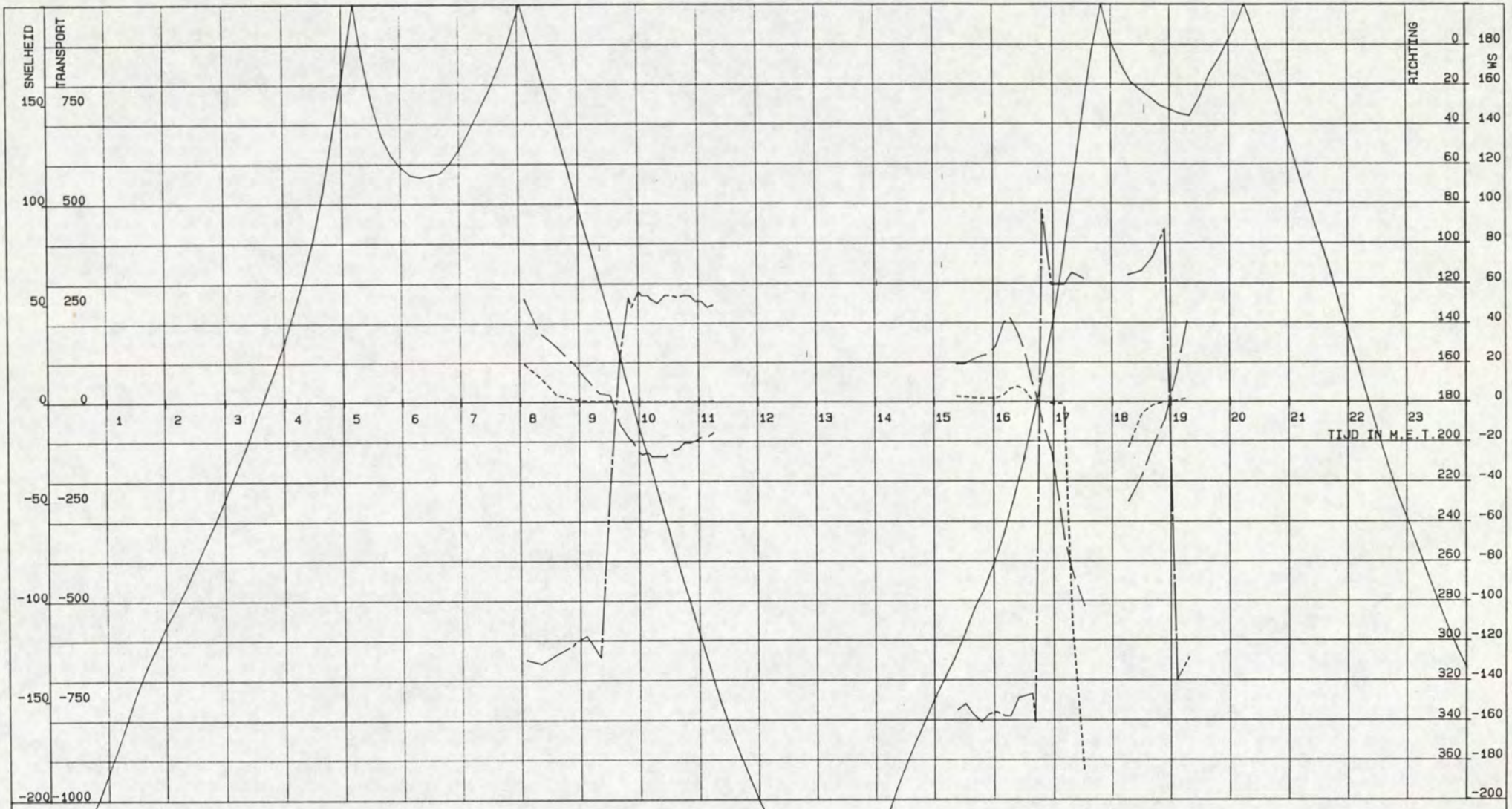
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

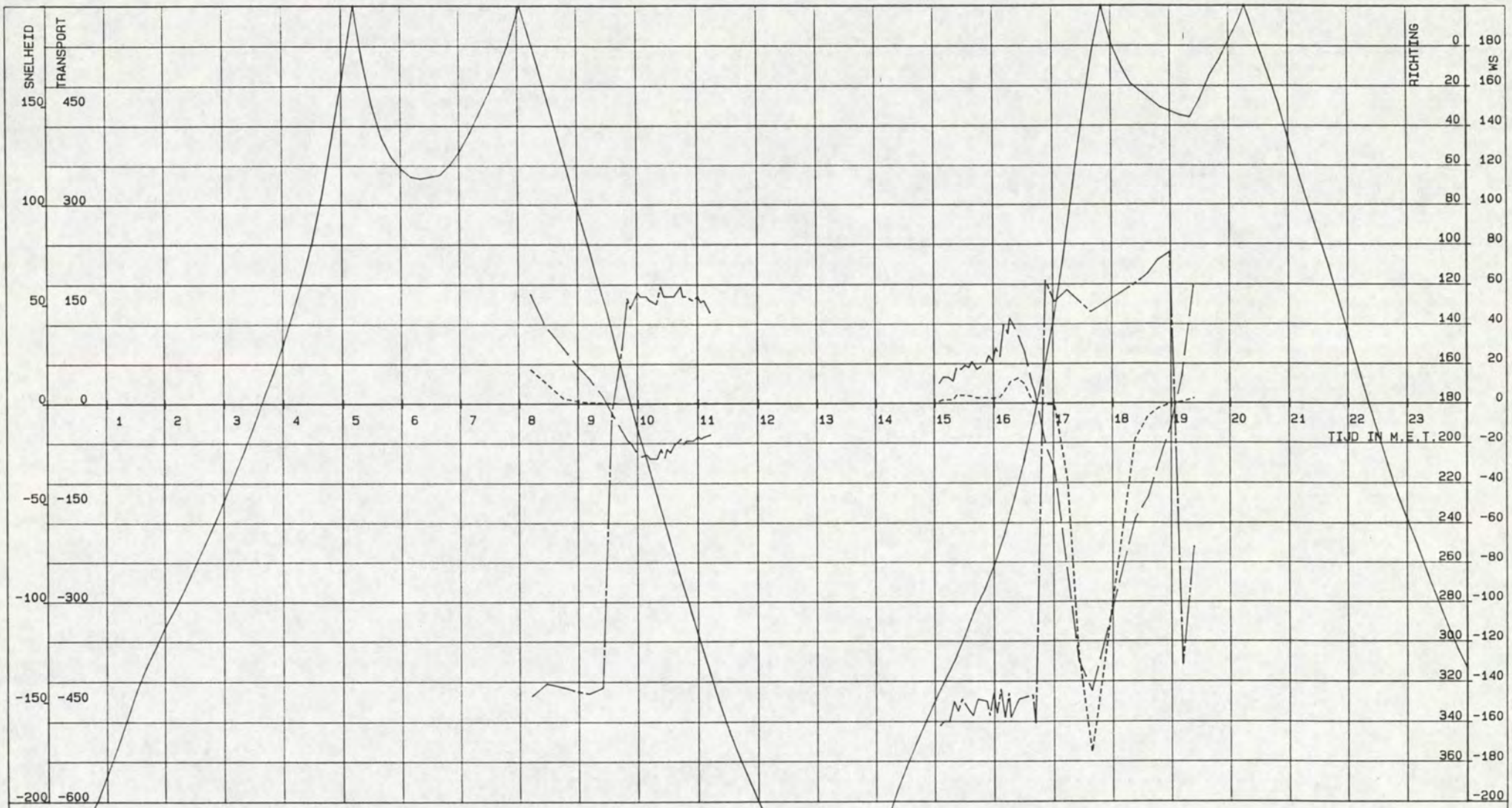
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



BOERENGAT OMGEVING BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT OPP. : 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

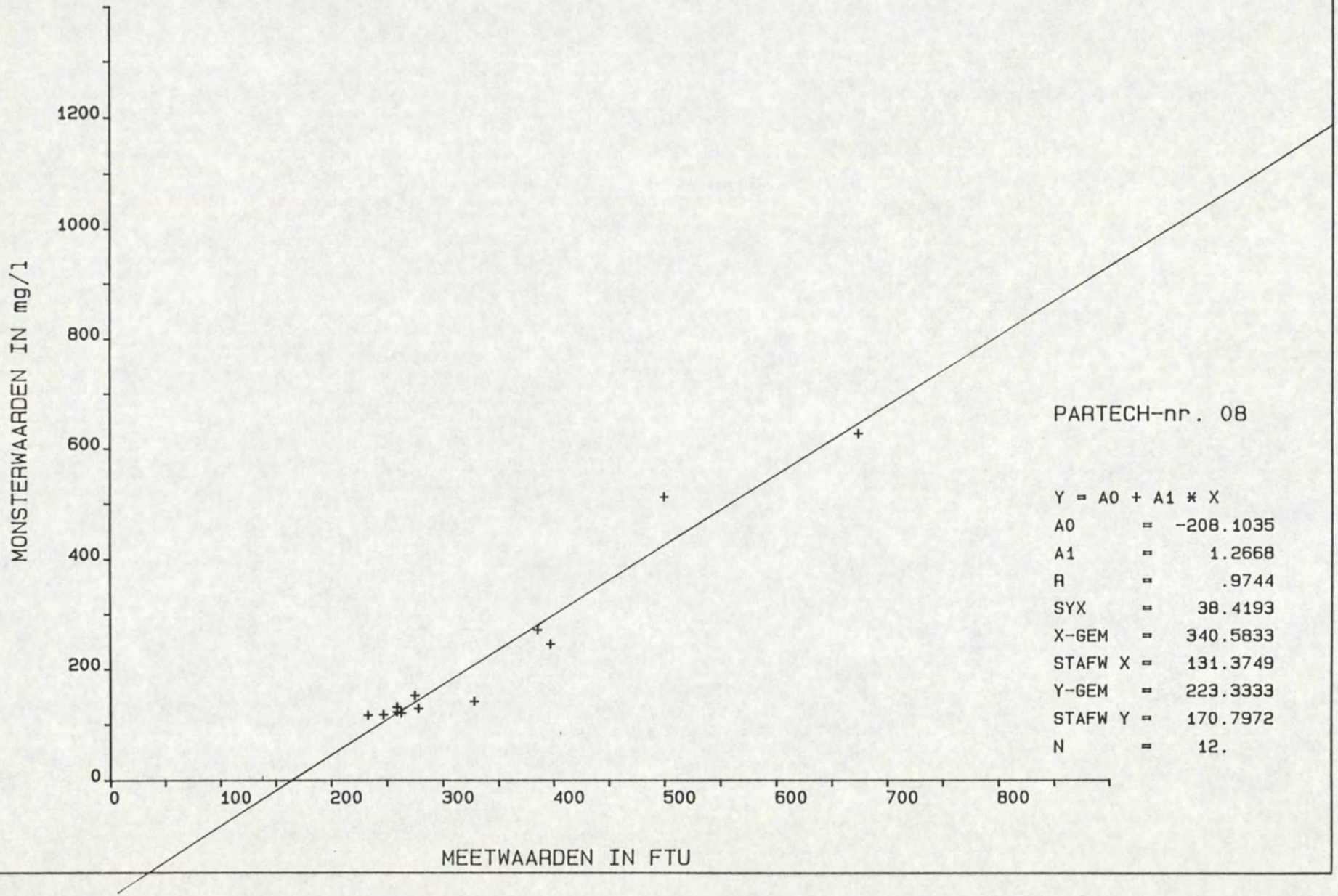
15. IJklijnen PARTECH

PARTECH-meting 03-03-1994

Middelgat omgeving Baarland

mp. 1 Lodycke

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH-nr. 08

Y = A0 + A1 * X

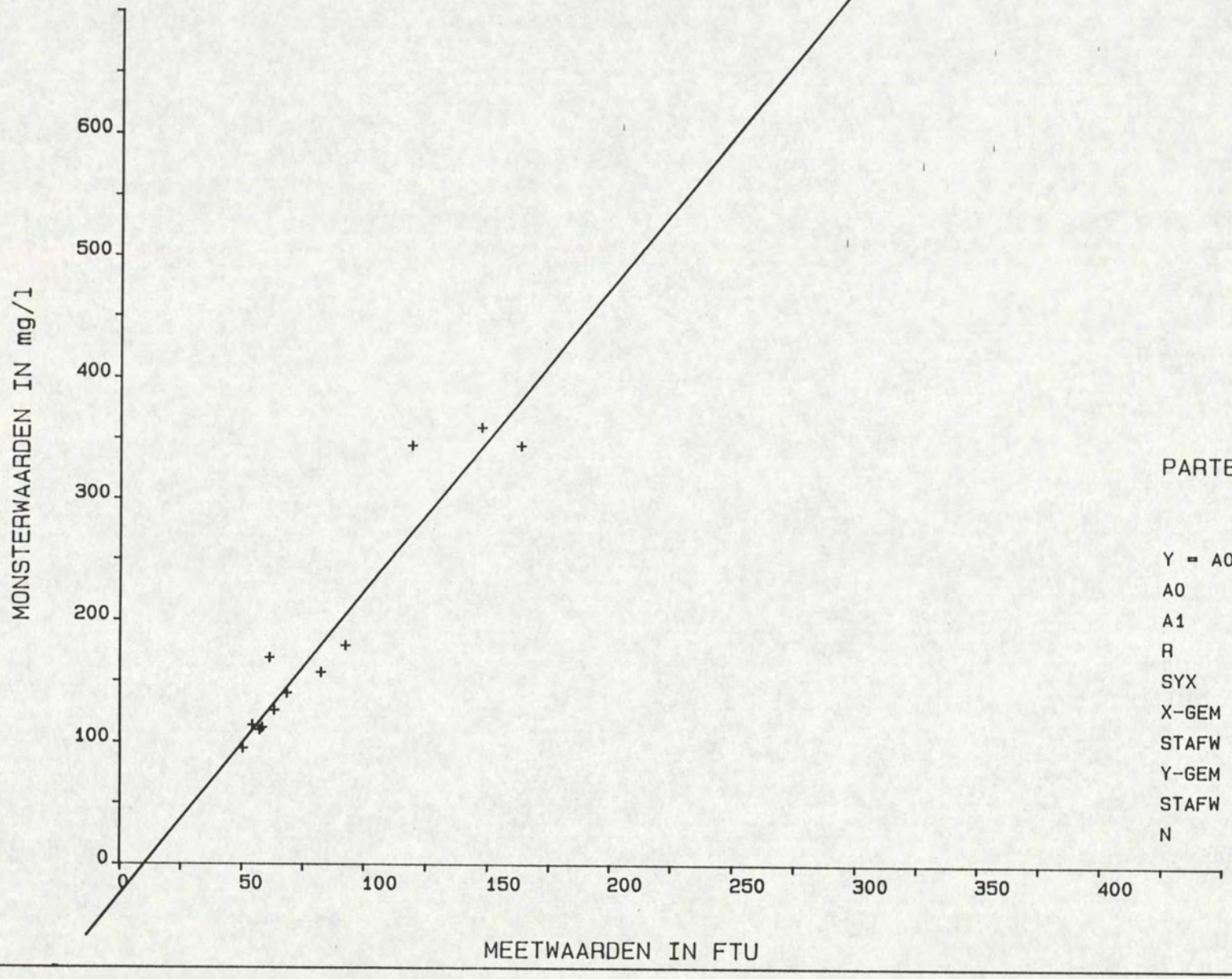
A0	=	-208.1035
A1	=	1.2668
R	=	.9744
SYX	=	38.4193
X-GEM	=	340.5833
STAFW X	=	131.3749
Y-GEM	=	223.3333
STAFW Y	=	170.7972
N	=	12.

PARTECH-meting 03-03-1994

Middelgat omgeving Baarland

mp. 2 Argus

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH-nr. 03

Y = A0 + A1 * X

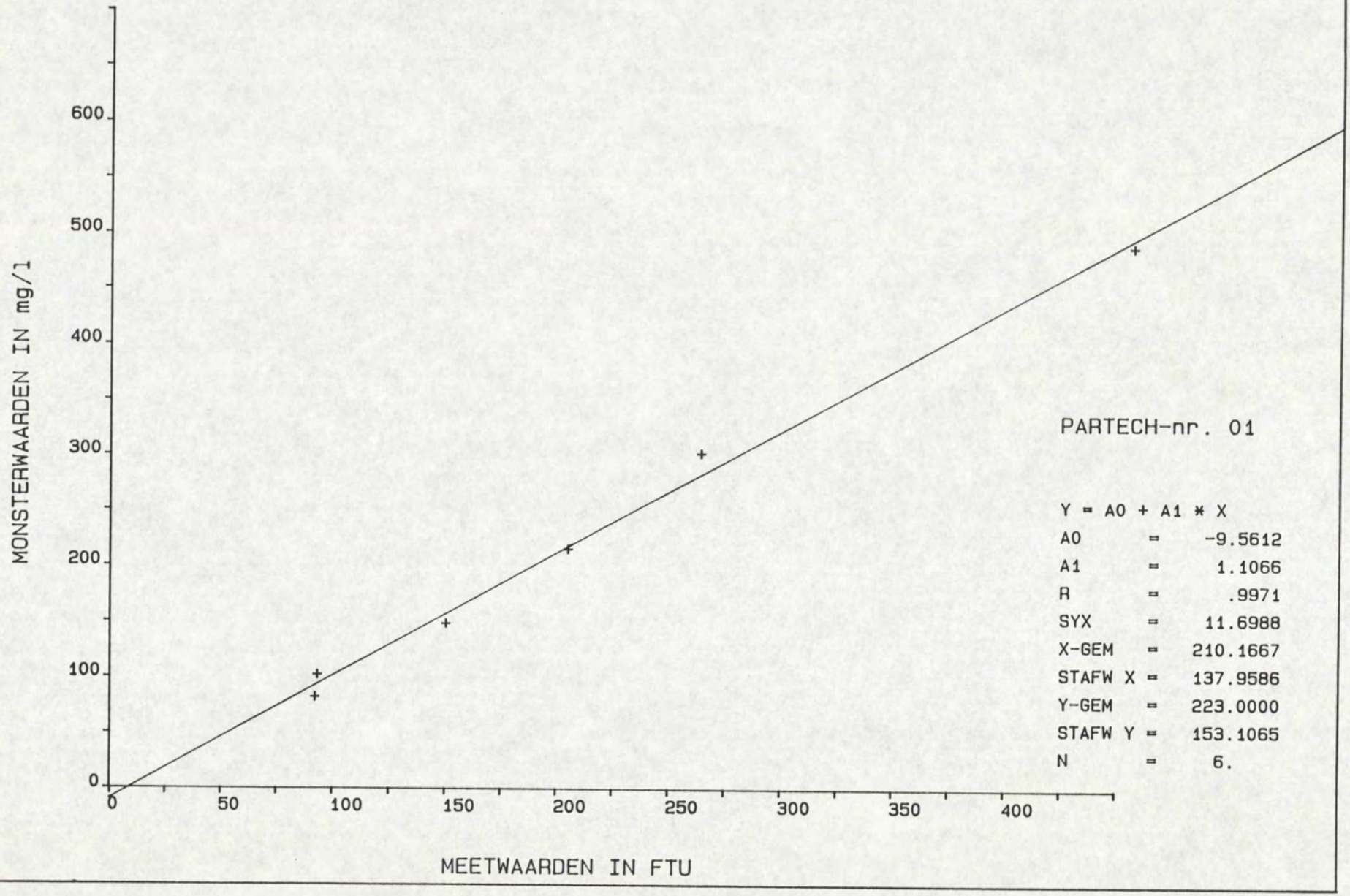
A0	=	-24.1152
A1	=	2.5033
R	=	.9541
SYX	=	30.1602
X-GEM	=	84.5000
STAFW X	=	38.3607
Y-GEM	=	187.4167
STAFW Y	=	100.6546
N	=	12.

PARTECH-meting 03-03-1994

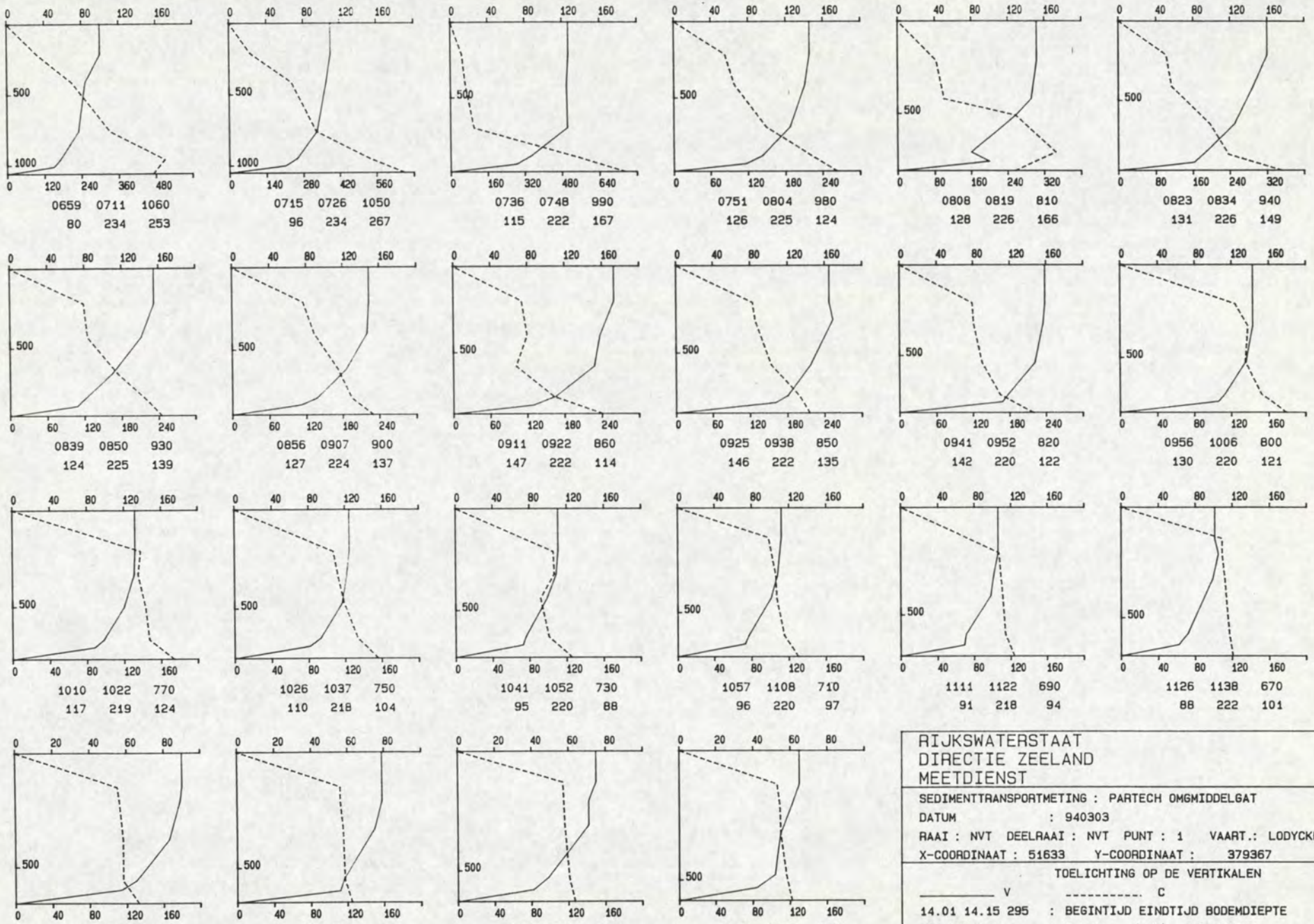
Boerengat omgeving Baarland

mp. 3 Sierix

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



16. Vertikalen - slibconcentratie



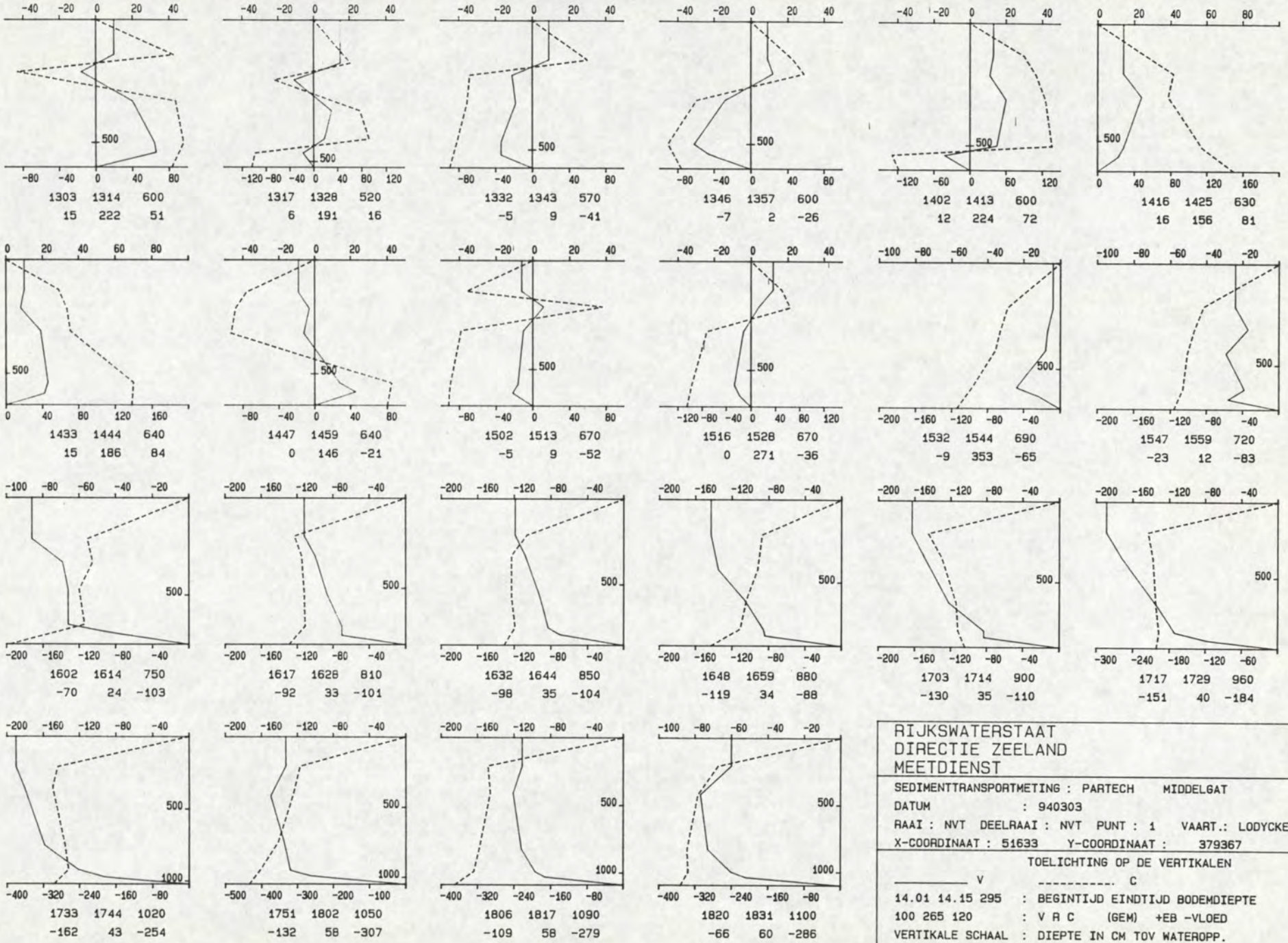
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH OMGMIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



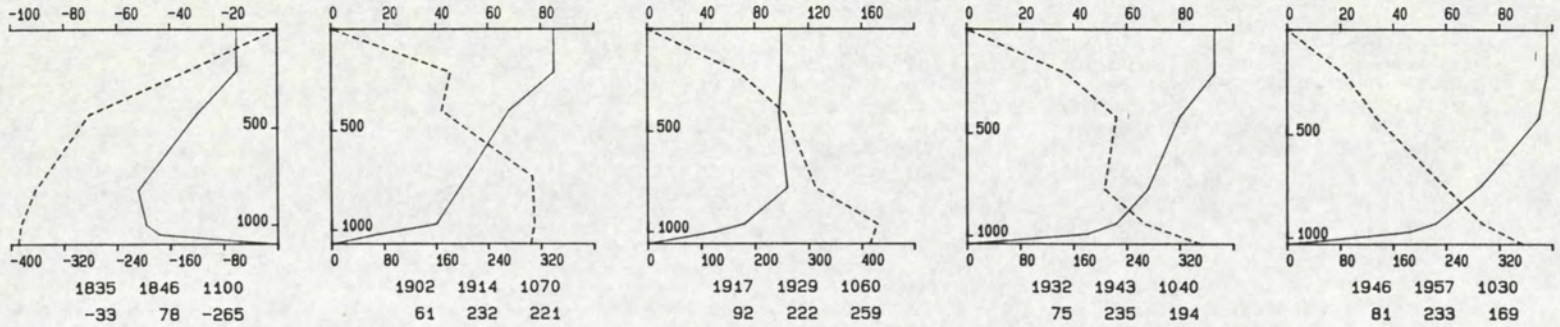
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH MIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



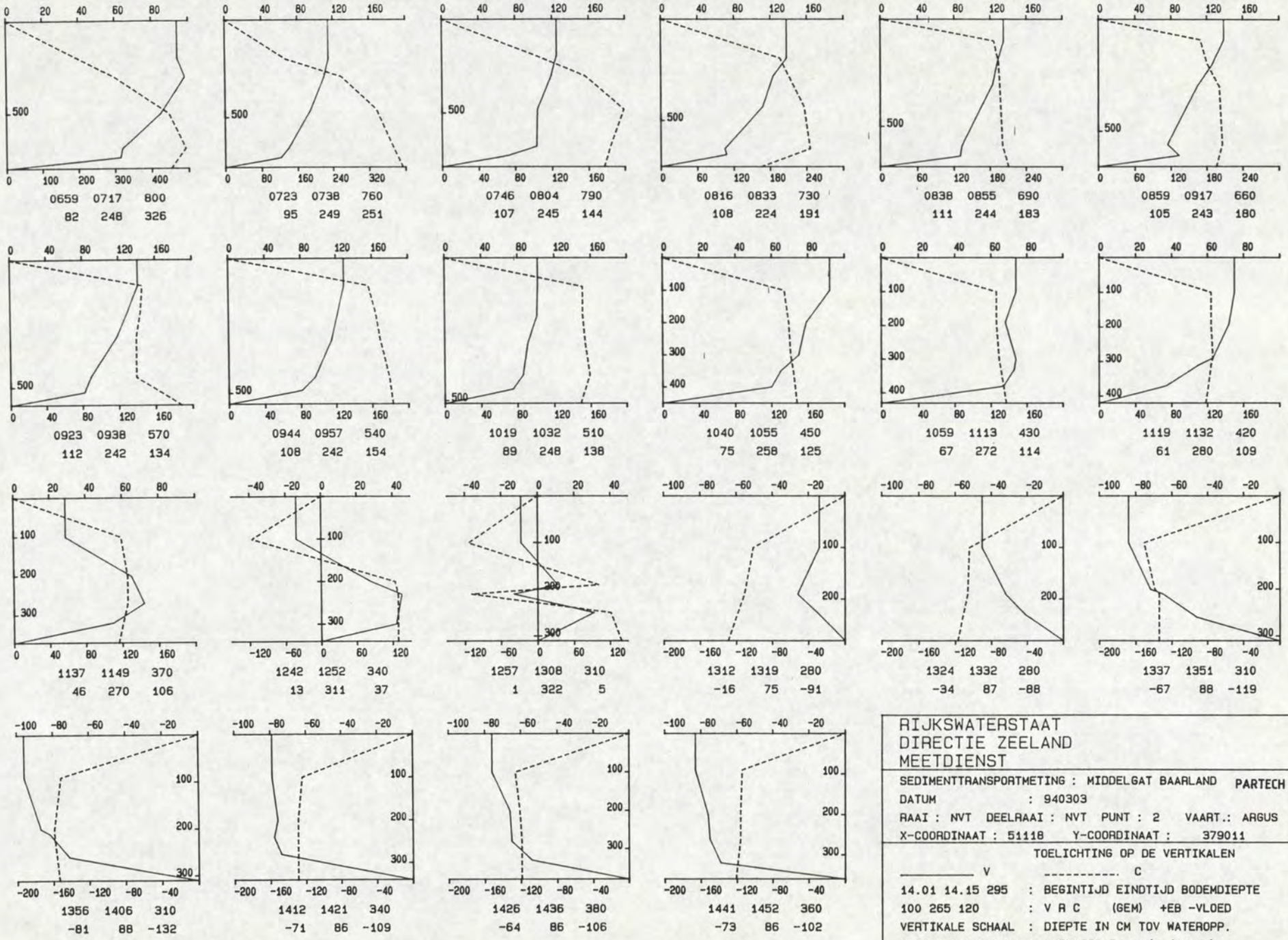
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH MIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)

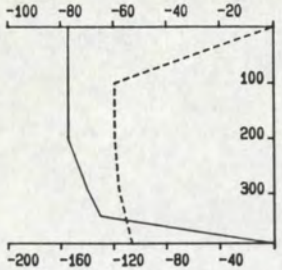


RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

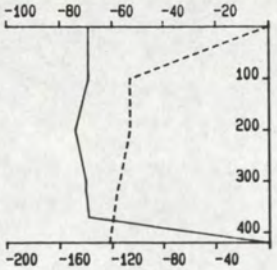
SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
X-COORDINAAT : 51118 Y-COORDINAAT : 379011

TOELICHTING OP DE VERTIKALEN

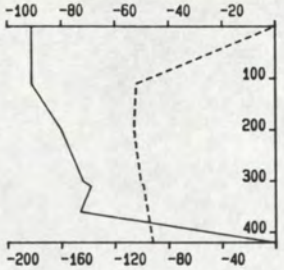
_____ V ---------- C
14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



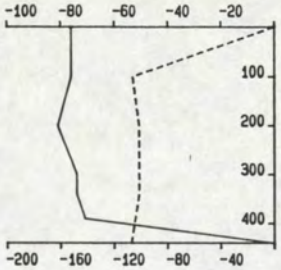
1457 1506 390
-69 86 -101



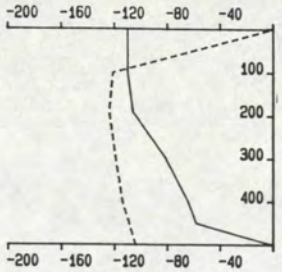
1511 1524 420
-66 86 -98



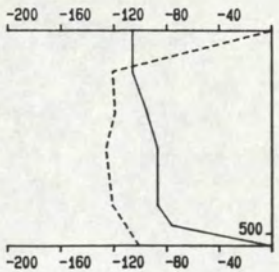
1529 1542 420
-76 85 -88



1552 1606 440
-72 83 -91



1610 1625 500
-86 82 -106



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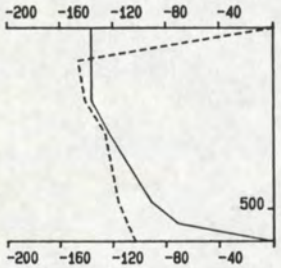

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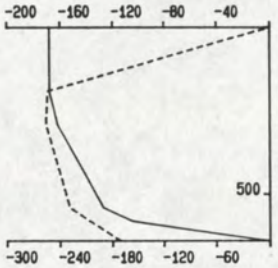

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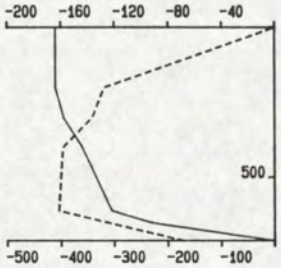

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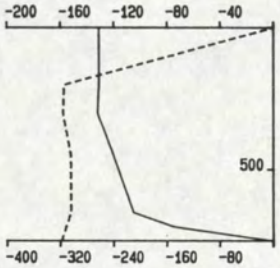

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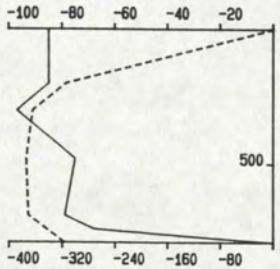

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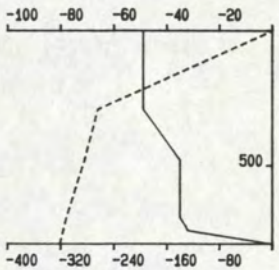

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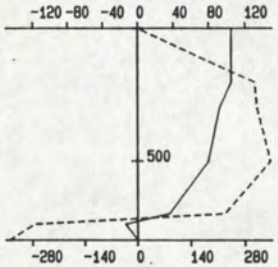

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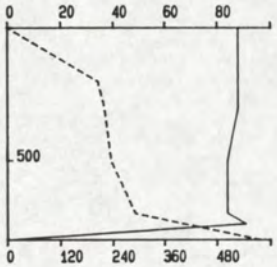

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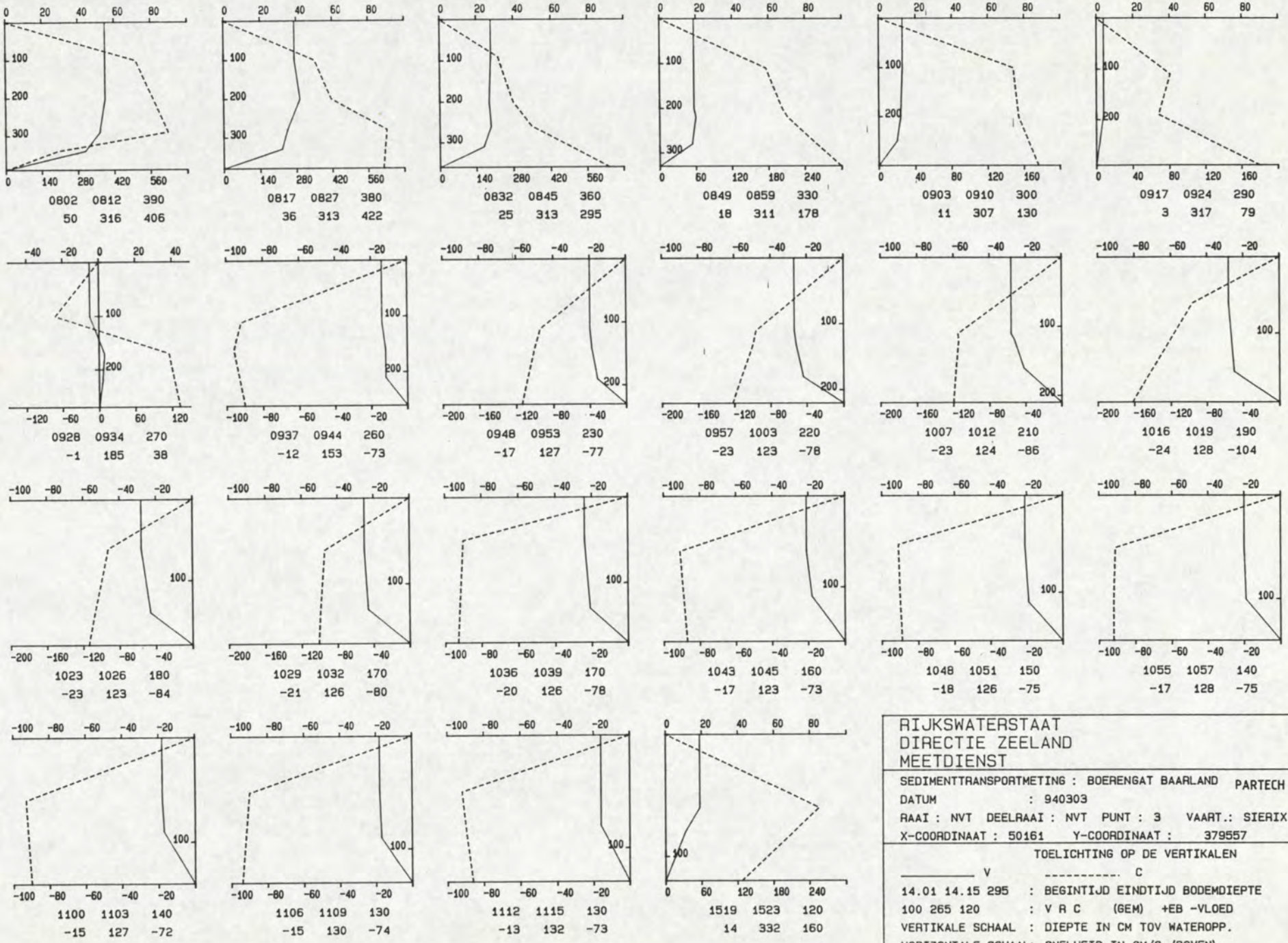
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
X-COORDINAAT : 51118 Y-COORDINAAT : 379011

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C
14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



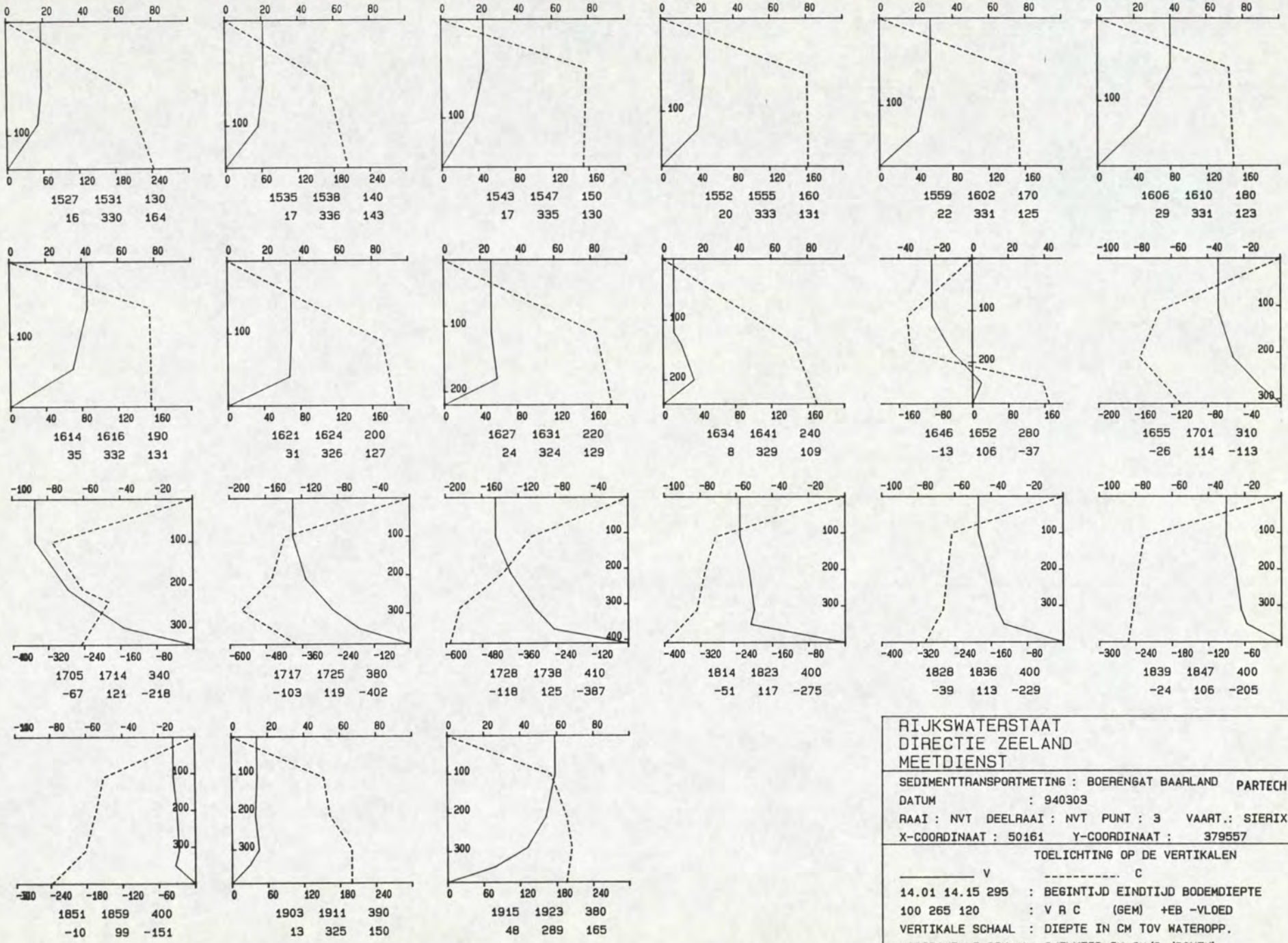
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

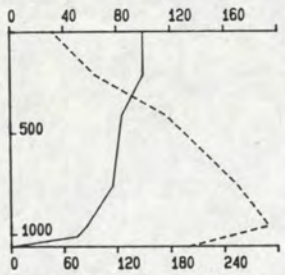
SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- C

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R C (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
CONCENTRATIE IN MG/L (ONDER)

17. Vertikalen - slibtransport + tabel totaaltransport



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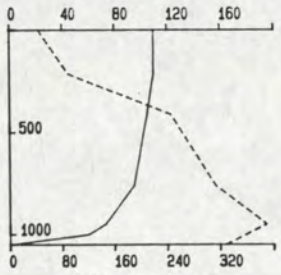

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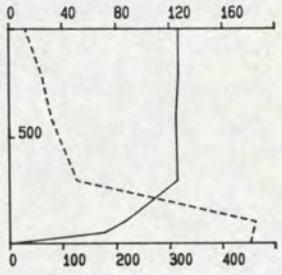

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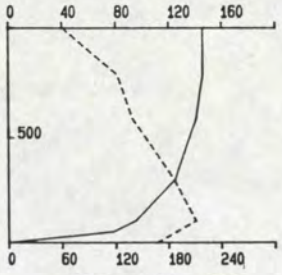

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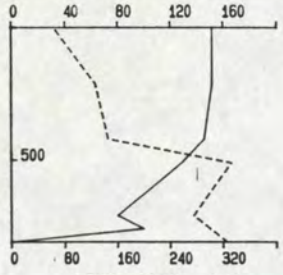

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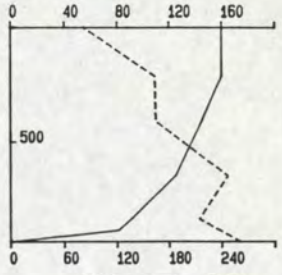

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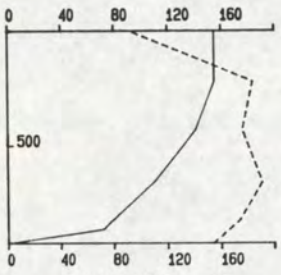

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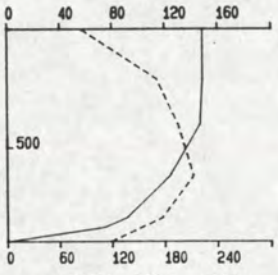

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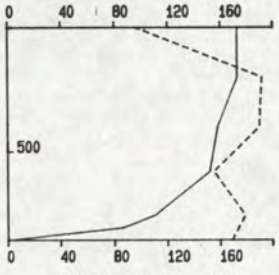

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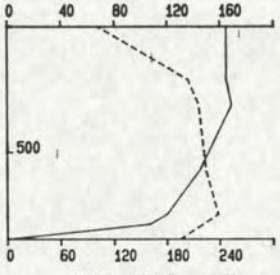

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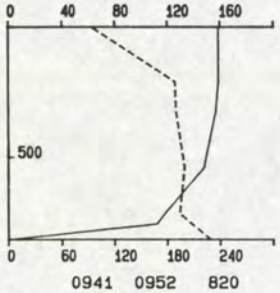

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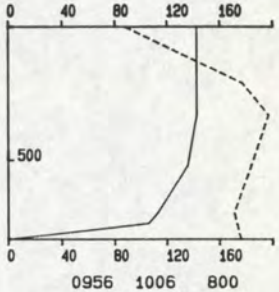

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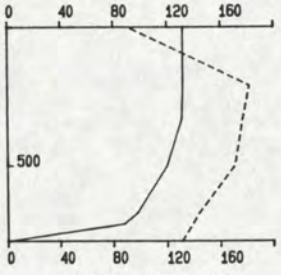

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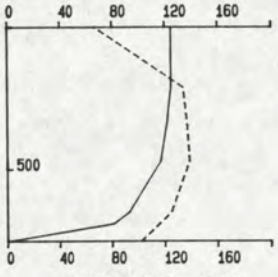

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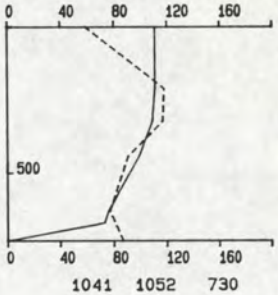

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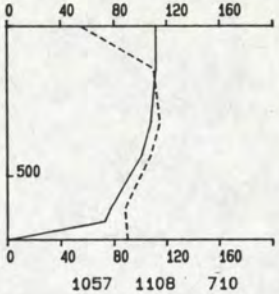

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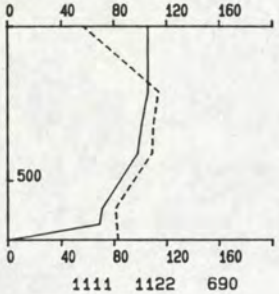

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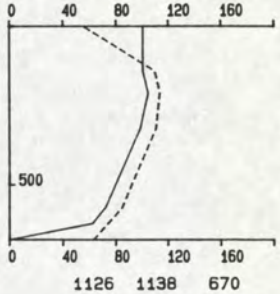

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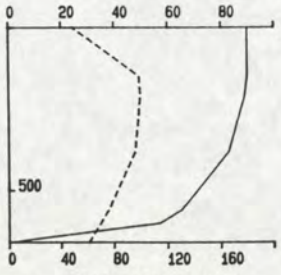

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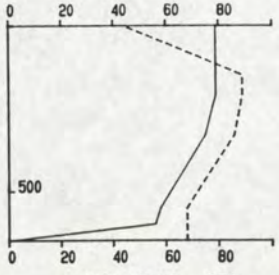

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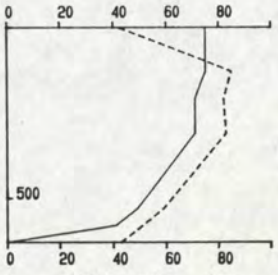

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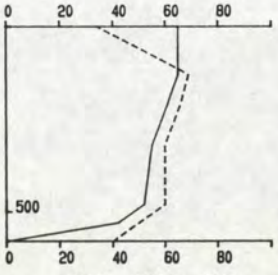


1226 1237 580
55 222 58

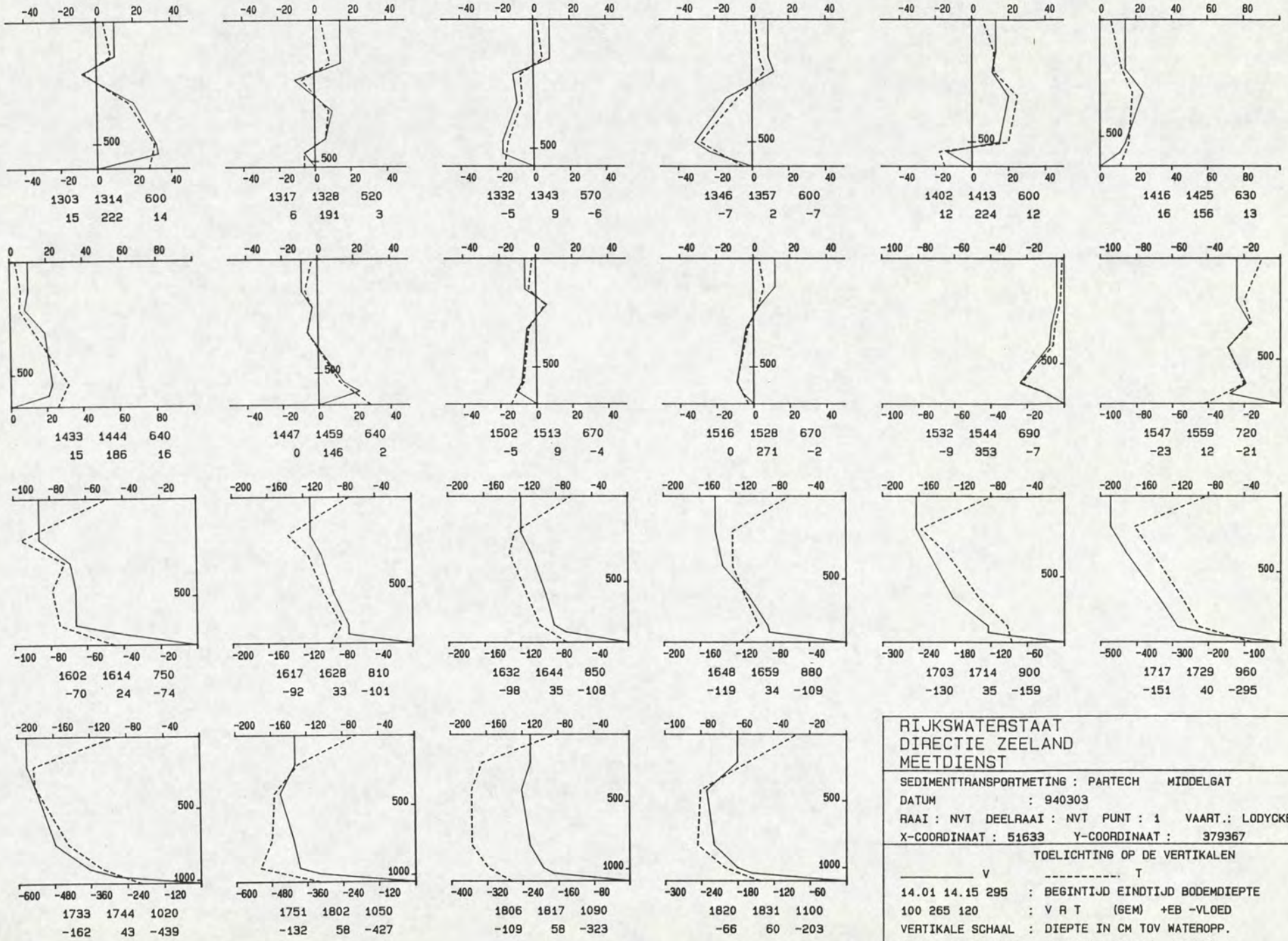
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH OMGMIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)

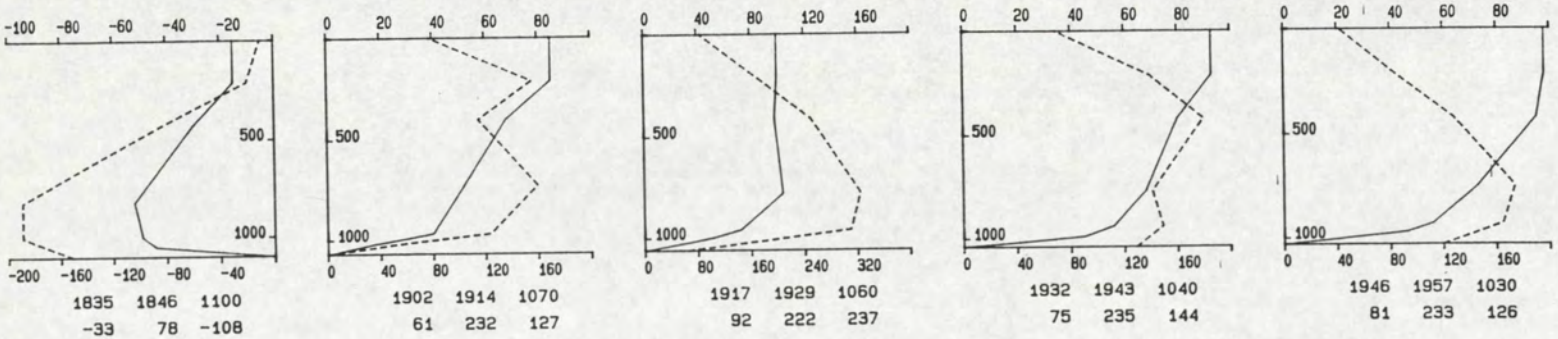


RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH MIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

———— V		---------- T
14.01 14.15 295	:	BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120	:	V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL	:	DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL	:	SNELHEID IN CM/S (BOVEN)
		TRANSPORT IN GR/M2.S (ONDER)



RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : PARTECH MIDDELGAT
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 1 VAART.: LODYCKE
X-COORDINAAT : 51633 Y-COORDINAAT : 379367

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
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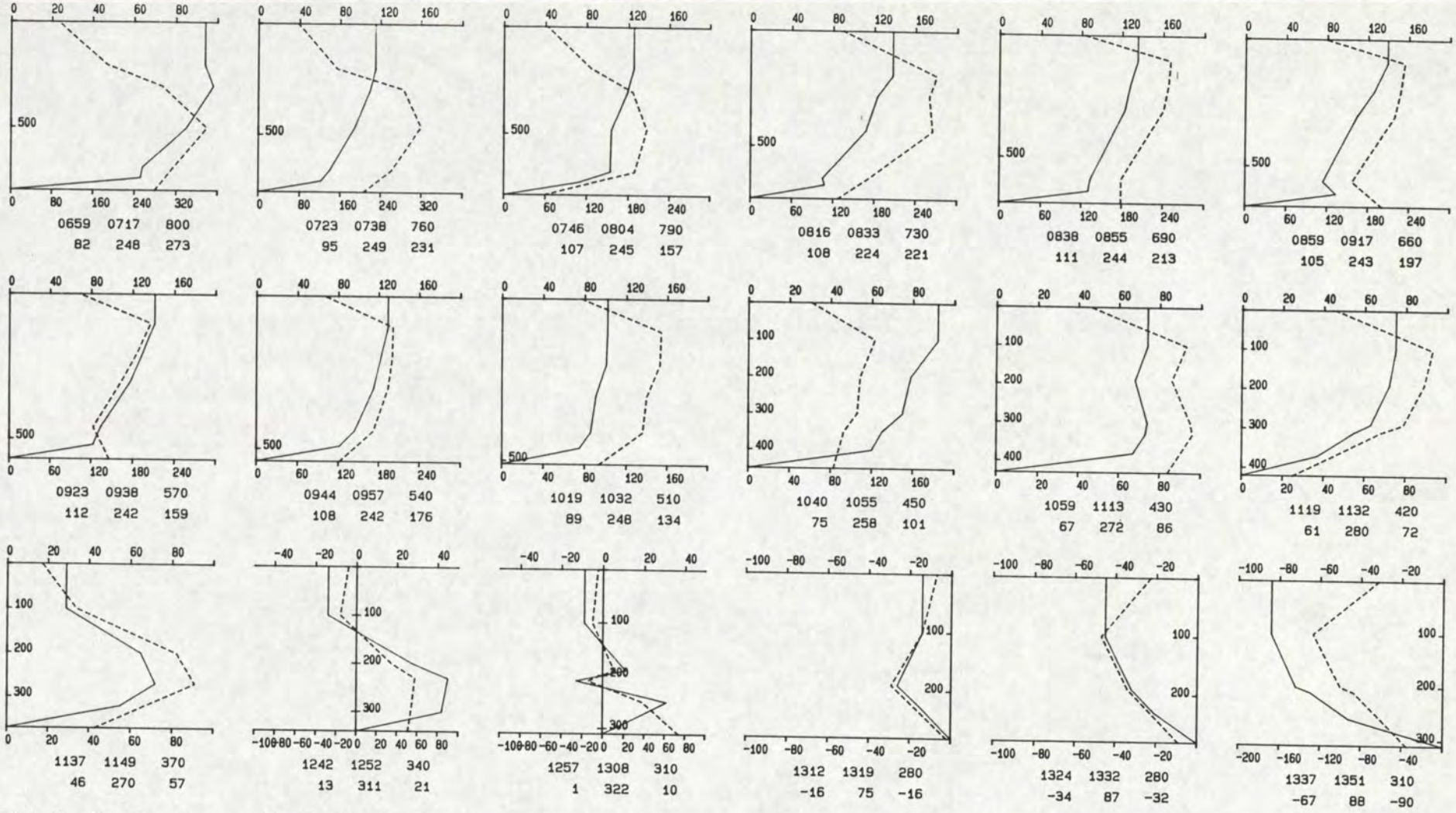


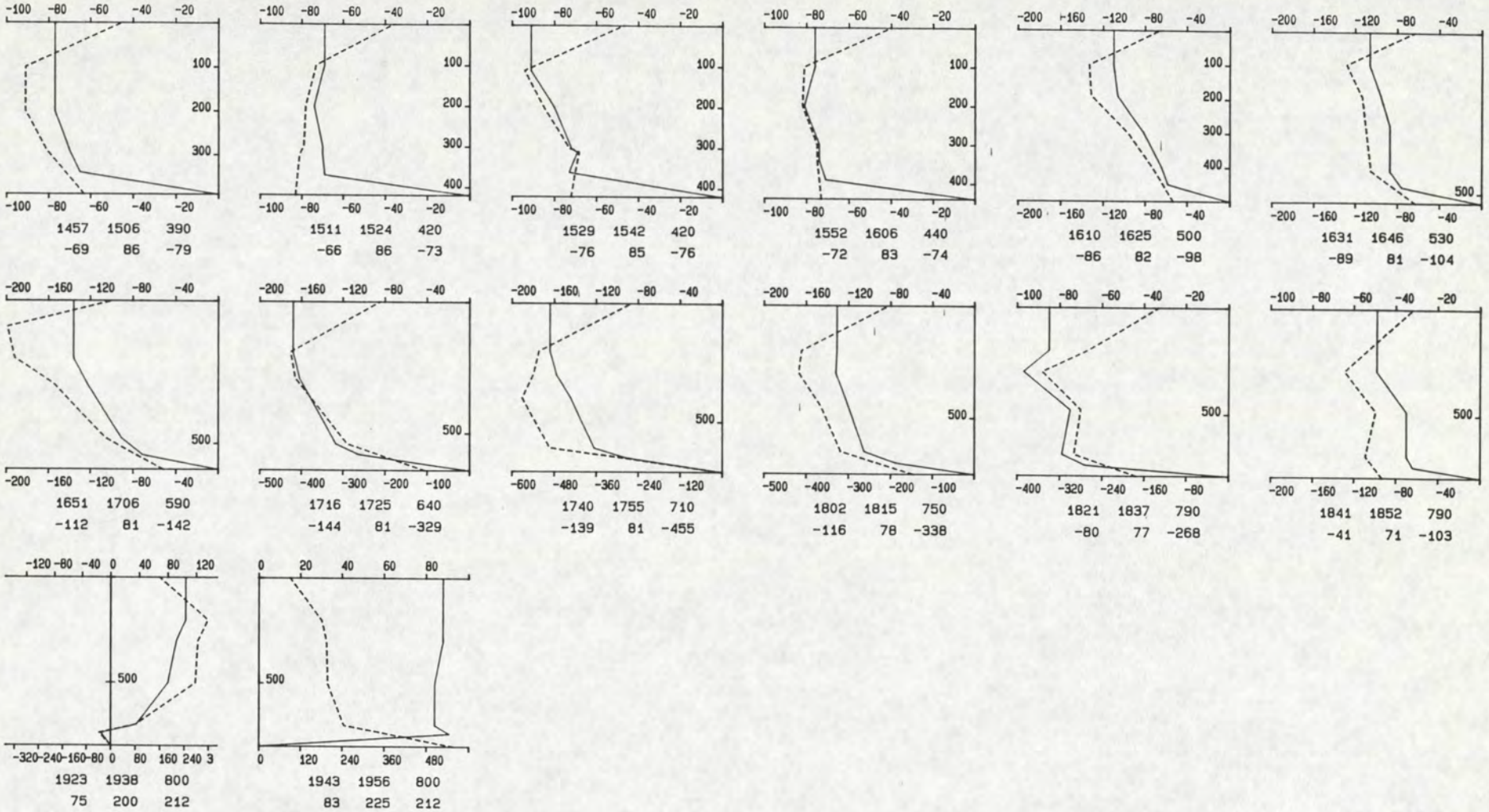
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
X-COORDINAAT : 51118 Y-COORDINAAT : 379011

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)



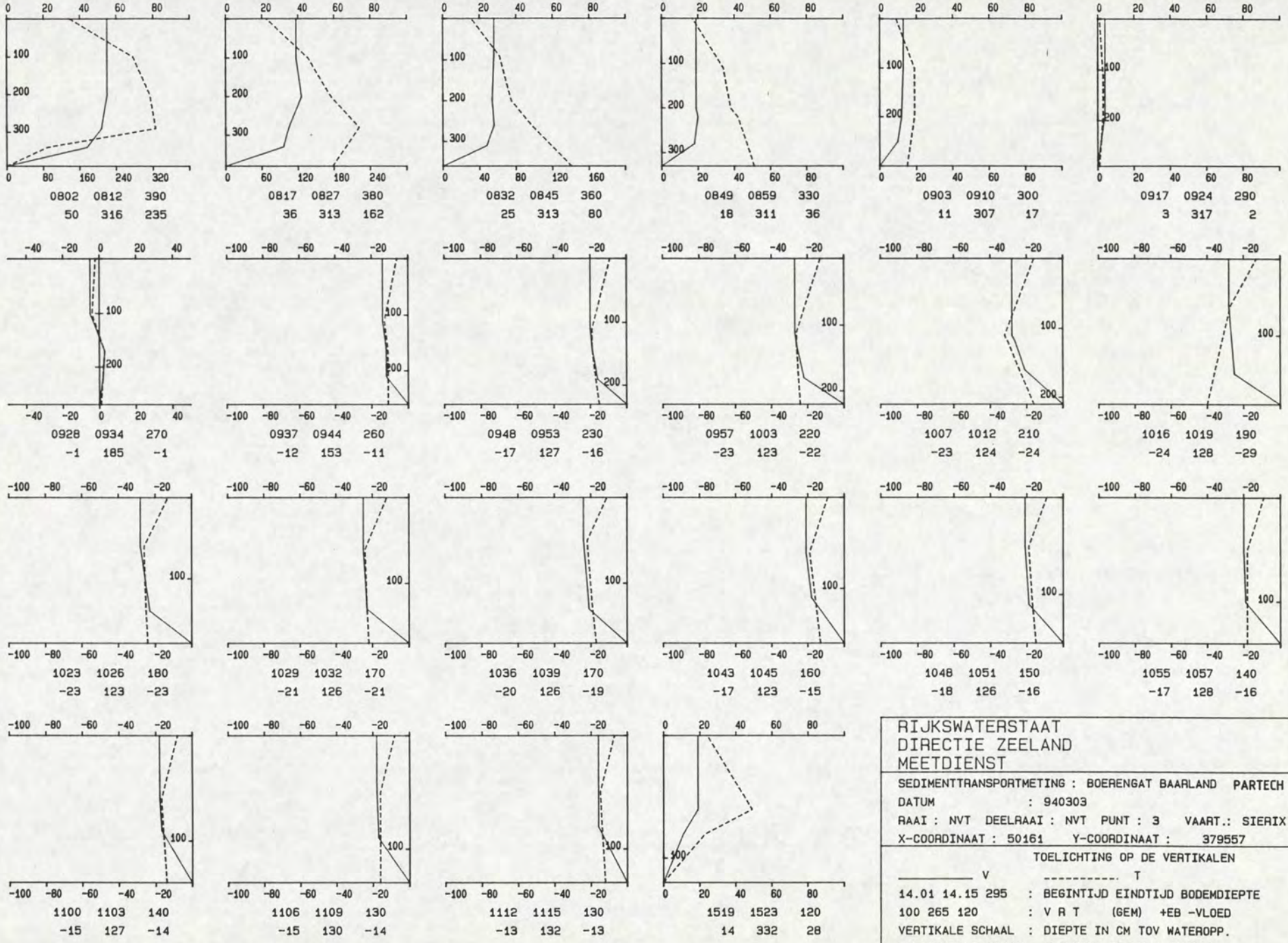
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : MIDDELGAT BAARLAND **PARTECH**
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 2 VAART.: ARGUS
X-COORDINAAT : 51118 Y-COORDINAAT : 379011

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)



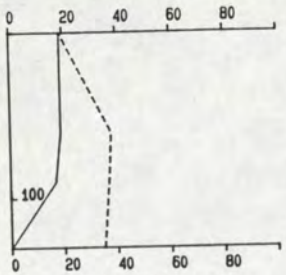
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)



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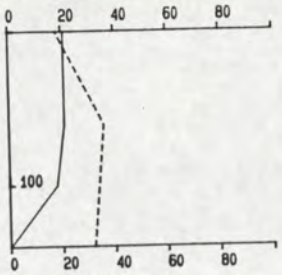

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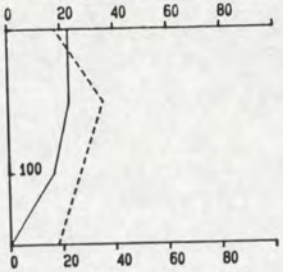

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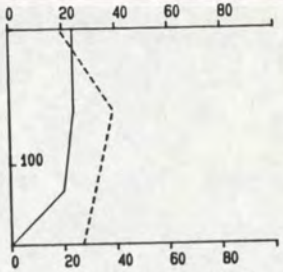

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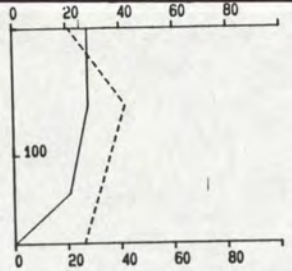

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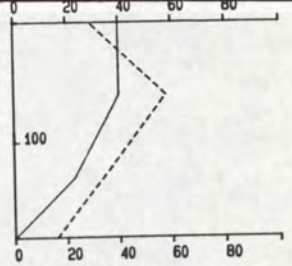

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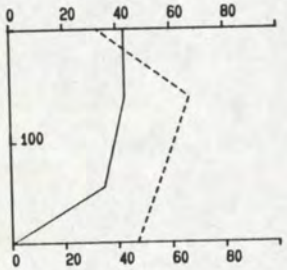

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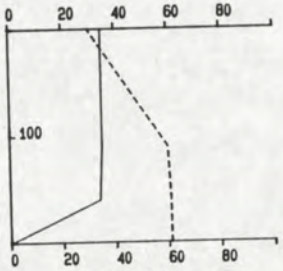
35 332 55



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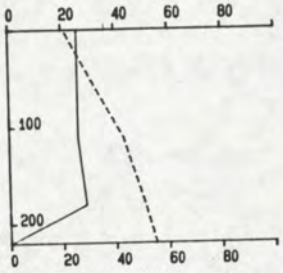

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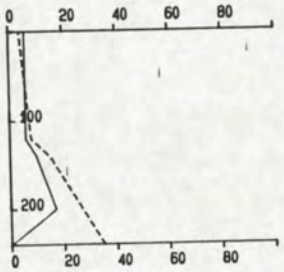

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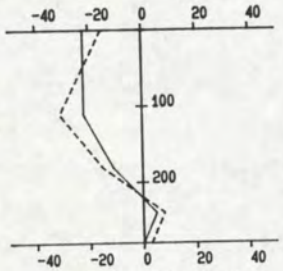

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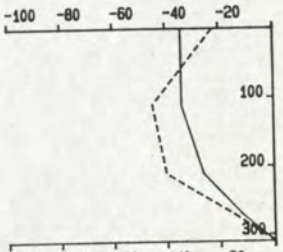

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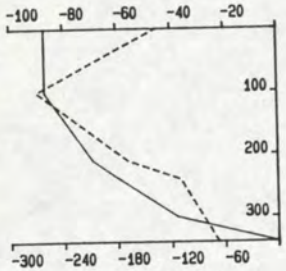

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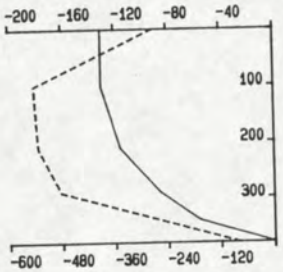

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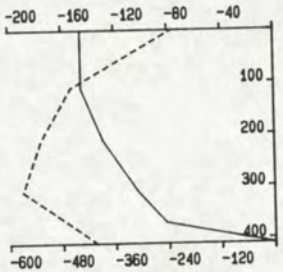

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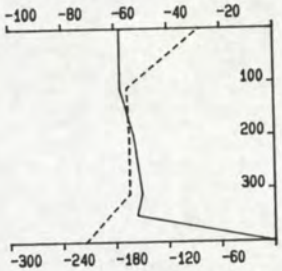

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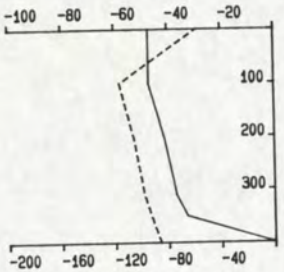

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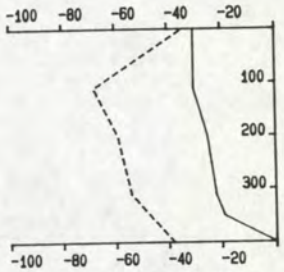

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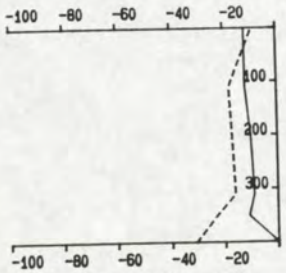

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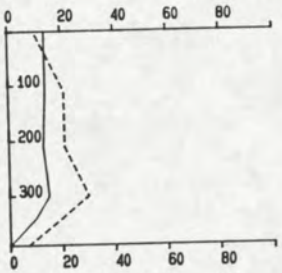

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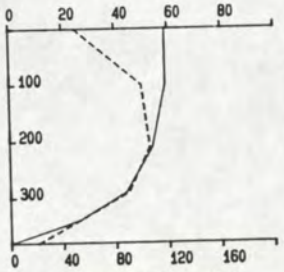


1915 1923 380
48 289 83

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

SEDIMENTTRANSPORTMETING : BOERENGAT BAARLAND PARTECH
DATUM : 940303
RAAI : NVT DEELRAAI : NVT PUNT : 3 VAART.: SIERIX
X-COORDINAAT : 50161 Y-COORDINAAT : 379557

TOELICHTING OP DE VERTIKALEN

_____ V ---------- T

14.01 14.15 295 : BEGINTIJD EINDTIJD BODEMDIEPTE
100 265 120 : V R T (GEM) +EB -VLOED
VERTIKALE SCHAAL : DIEPTE IN CM TOV WATEROPP.
HORIZONTALE SCHAAL: SNELHEID IN CM/S (BOVEN)
TRANSPORT IN GR/M2.S (ONDER)

/AZTM/ADMI/ZTM25A.DAT

R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: PARTECH MIDDELGAT MP1 ;VAART.: LODYCKE
FILENAAM: AZTMPGV94030306

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
705	1060	80.	1965.
720	1050	96.	2479.
742	990.	115.	1558.
757	980.	126.	1474.
813	810.	128.	1612.
828	940.	131.	1759.
844	930.	124.	1578.
901	900.	127.	1565.
916	860.	147.	1455.
931	850.	146.	1736.
946	820.	142.	1501.
1001	800.	130.	1358.
1016	770.	117.	1203.
1031	750.	110.	918.
1046	730.	95.	681.
1102	710.	96.	706.
1116	690.	91.	654.
1132	670.	88.	637.
1147	660.	77.	561.
1202	650.	69.	496.
1216	630.	62.	439.
1231	580.	55.	337.
1308	600.	15.	85.
1322	520.	6.	15.
1337	570.	-5.	-32.
1351	600.	-7.	-42.
1407	600.	12.	73.
1420	630.	16.	85.
1438	640.	15.	100.
1453	640.	0.	12.
1507	670.	-5.	-28.
1522	670.	0.	-12.
1538	690.	-9.	-49.
1553	720.	-23.	-153.
1608	750.	-70.	-556.
1622	810.	-92.	-820.
1638	850.	-98.	-922.
1653	880.	-119	-960.
1708	900.	-130	-1431.
1723	960.	-151	-2830.
1738	1020	-162	-4476.
1756	1050	-132	-4488.
1811	1090	-109	-3518.
1825	1100	-66.	-2229.
1840	1100	-33.	-1188.
1908	1070	61.	1356.
1923	1060	92.	2513.
1937	1040	75.	1501.
1951	1030	81.	1301.

/AZTM/ADMI/ZTM25A.DAT

R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: PARTECH MIDDELG MP 2 ;VAART.: ARGUS

FILENAAM: AZTMPEV94030306

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
708	800.	82.	2181.
730	760.	95.	1759.
755	790.	107.	1237.
824	730.	108.	1612.
846	690.	111.	1470.
908	660.	105.	1303.
930	570.	112.	905.
950	540.	108.	951.
1025	510.	89.	682.
1047	450.	75.	454.
1106	430.	67.	368.
1125	420.	61.	302.
1143	370.	46.	211.
1247	340.	13.	72.
1302	310.	1.	31.
1315	280.	-16.	-44.
1328	280.	-34.	-91.
1344	310.	-67.	-279.
1401	310.	-81.	-378.
1416	340.	-71.	-305.
1431	380.	-64.	-287.
1446	360.	-73.	-299.
1501	390.	-69.	-309.
1517	420.	-66.	-307.
1535	420.	-76.	-321.
1559	440.	-72.	-325.
1617	500.	-86.	-491.
1638	530.	-89.	-551.
1658	590.	-112	-841.
1720	640.	-144	-2106.
1747	710.	-139	-3229.
1808	750.	-116	-2535.
1829	790.	-80.	-2116.
1846	790.	-41.	-817.
1930	800.	75.	1700.
1949	800.	83.	1697.

/AZTM/ADMI/ZTM25A.DAT

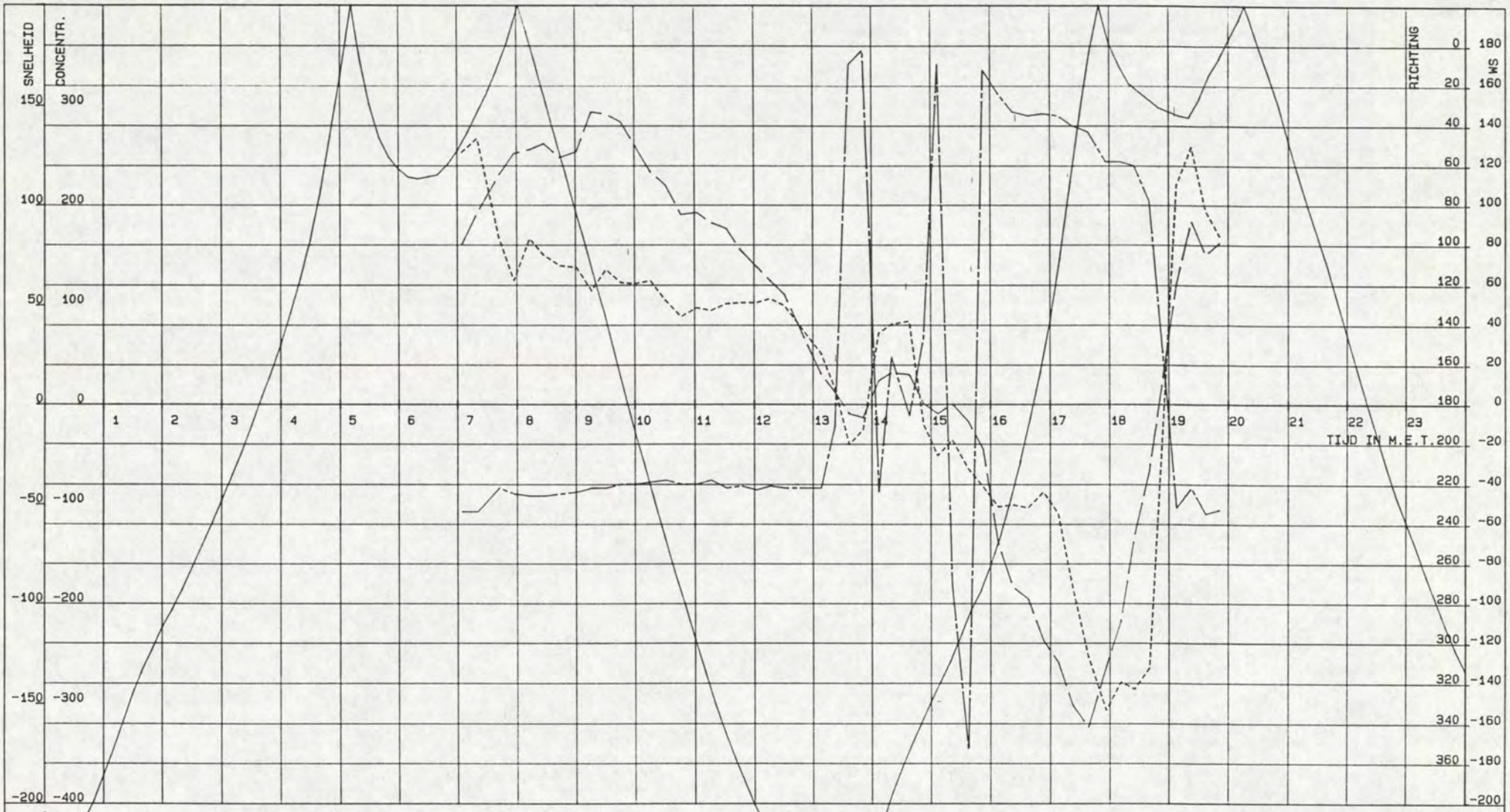
R E S U L T A T E N PER V E R T I K A A L GEMIDDELD

LOKATIE: PARTECH BOERENG MP 3 ;VAART.: SIERIX

FILENAAM: AZTMPIV94030308

TIJD MET	DIEPTE cm	Vgem cm/s	Ttot g/m.s
807	390.	50.	916.
822	380.	36.	618.
838	360.	25.	288.
854	330.	18.	120.
906	300.	11.	50.
920	290.	3.	7.
931	270.	-1.	-1.
940	260.	-12.	-28.
950	230.	-17.	-37.
1000	220.	-23.	-49.
1009	210.	-23.	-50.
1017	190.	-24.	-56.
1024	180.	-23.	-42.
1030	170.	-21.	-36.
1037	170.	-20.	-32.
1044	160.	-17.	-25.
1049	150.	-18.	-24.
1056	140.	-17.	-23.
1101	140.	-15.	-20.
1107	130.	-15.	-19.
1113	130.	-13.	-17.
1521	120.	14.	34.
1529	130.	16.	43.
1536	140.	17.	43.
1545	150.	17.	41.
1553	160.	20.	51.
1600	170.	22.	56.
1608	180.	29.	71.
1615	190.	35.	105.
1622	200.	31.	104.
1629	220.	24.	90.
1637	240.	8.	34.
1649	280.	-13.	-42.
1658	310.	-26.	-99.
1709	340.	-67.	-574.
1721	380.	-103	-1660.
1733	410.	-118	-1905.
1818	400.	-51.	-637.
1832	400.	-39.	-393.
1843	400.	-24.	-217.
1855	400.	-10.	-70.
1907	390.	13.	78.
1919	380.	48.	317.

18. Gemiddelde krommen - slibconcentratie



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

———— GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. - - - - - - - - - . CONCENTRATIE.mg/l. ——— RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

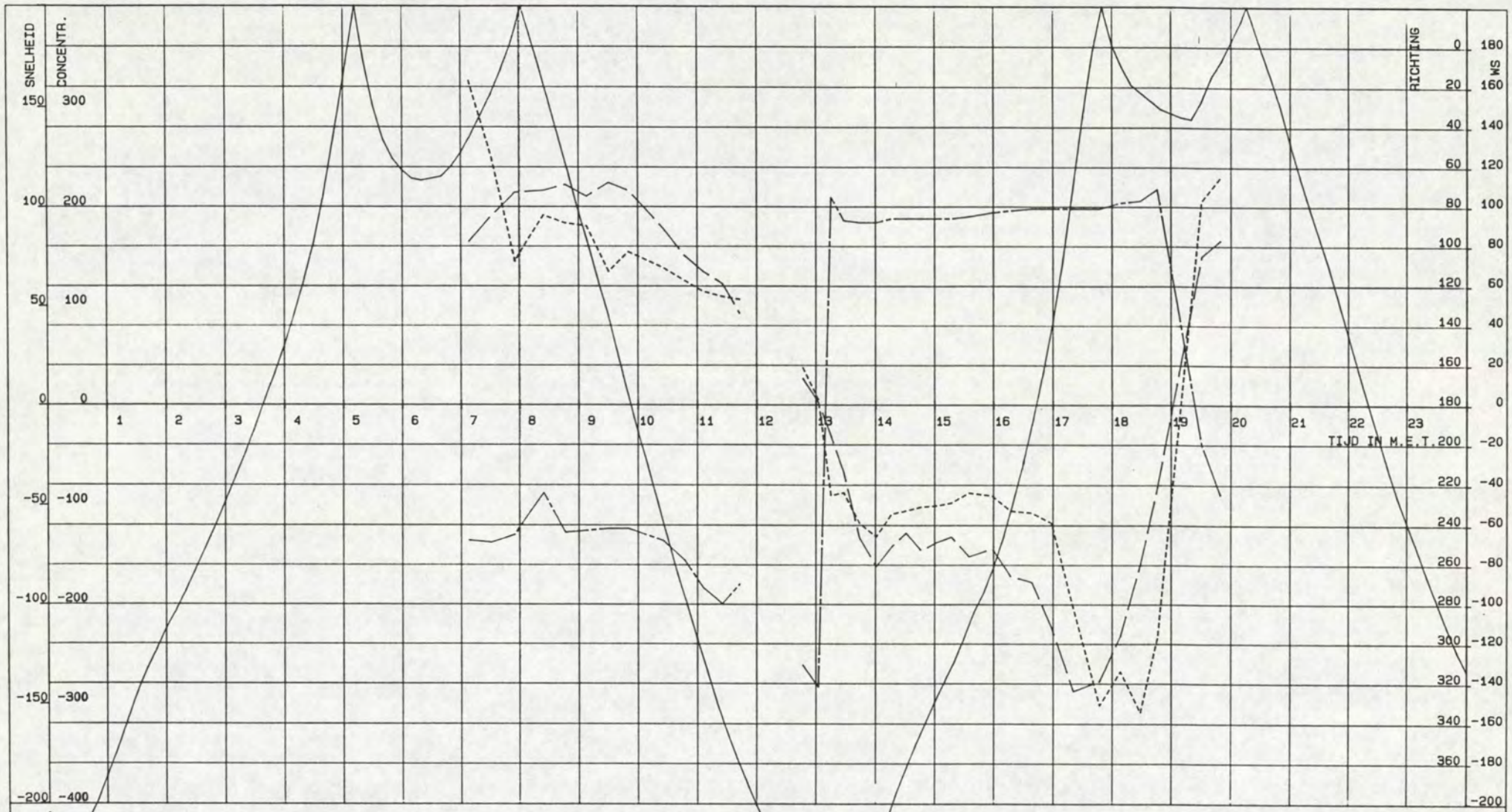
VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

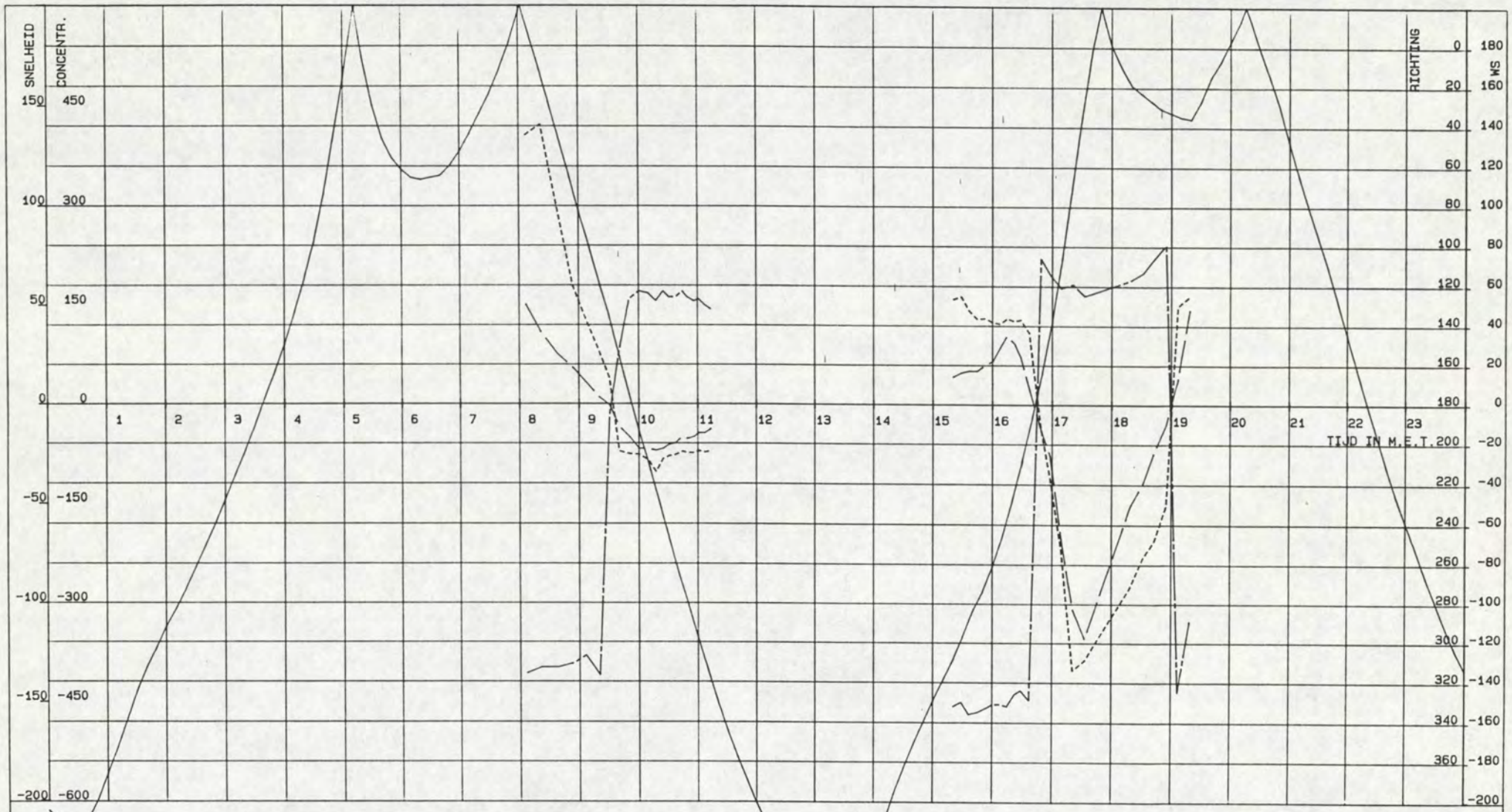
VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG. BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg. GEMIDDELDEN OVER VERTIKAAL

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

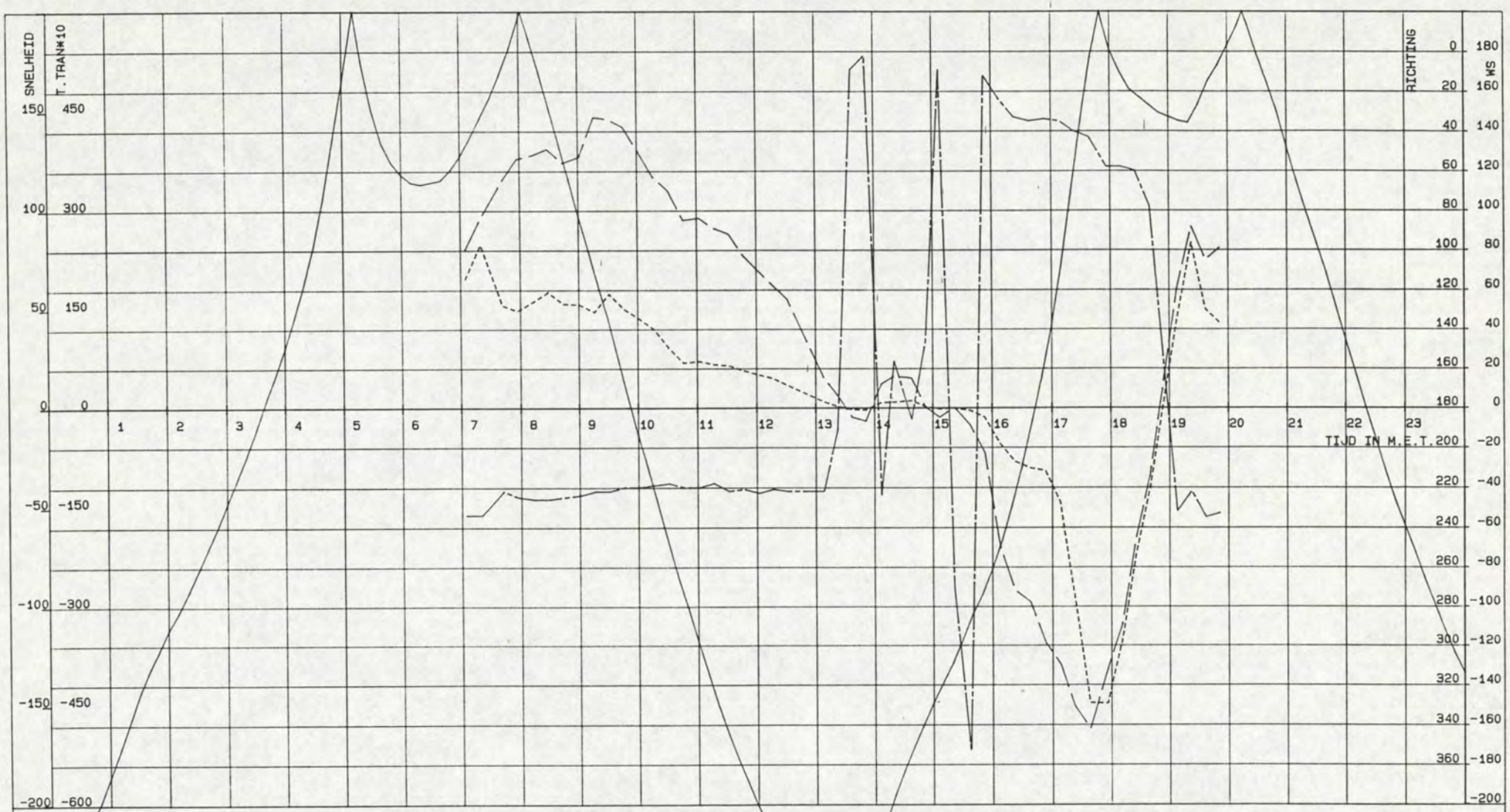
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

19. Gemiddelde krommen - slibtransport



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TOTAAL TRANSPORT .10g/ms. _____ RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

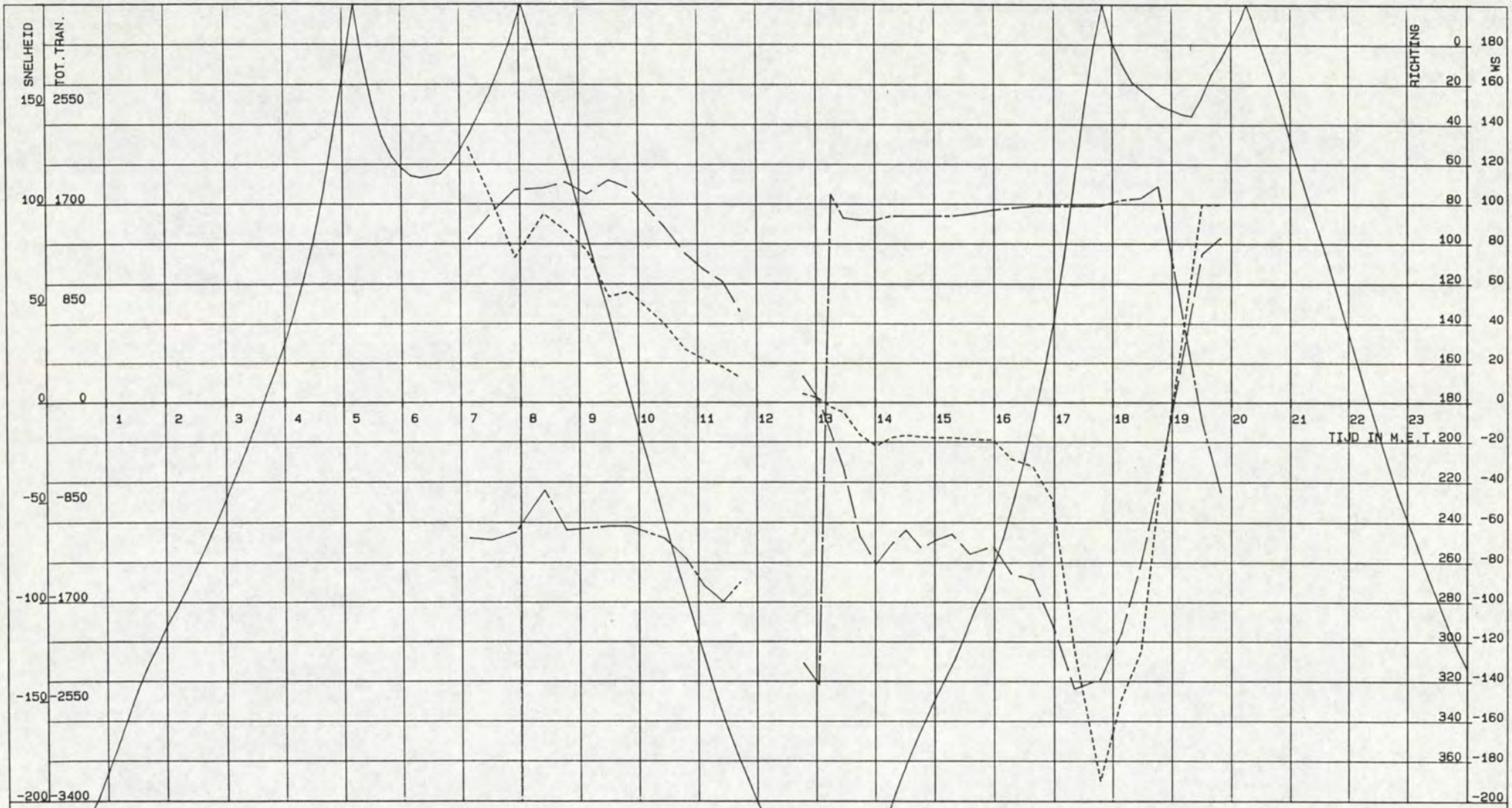
VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

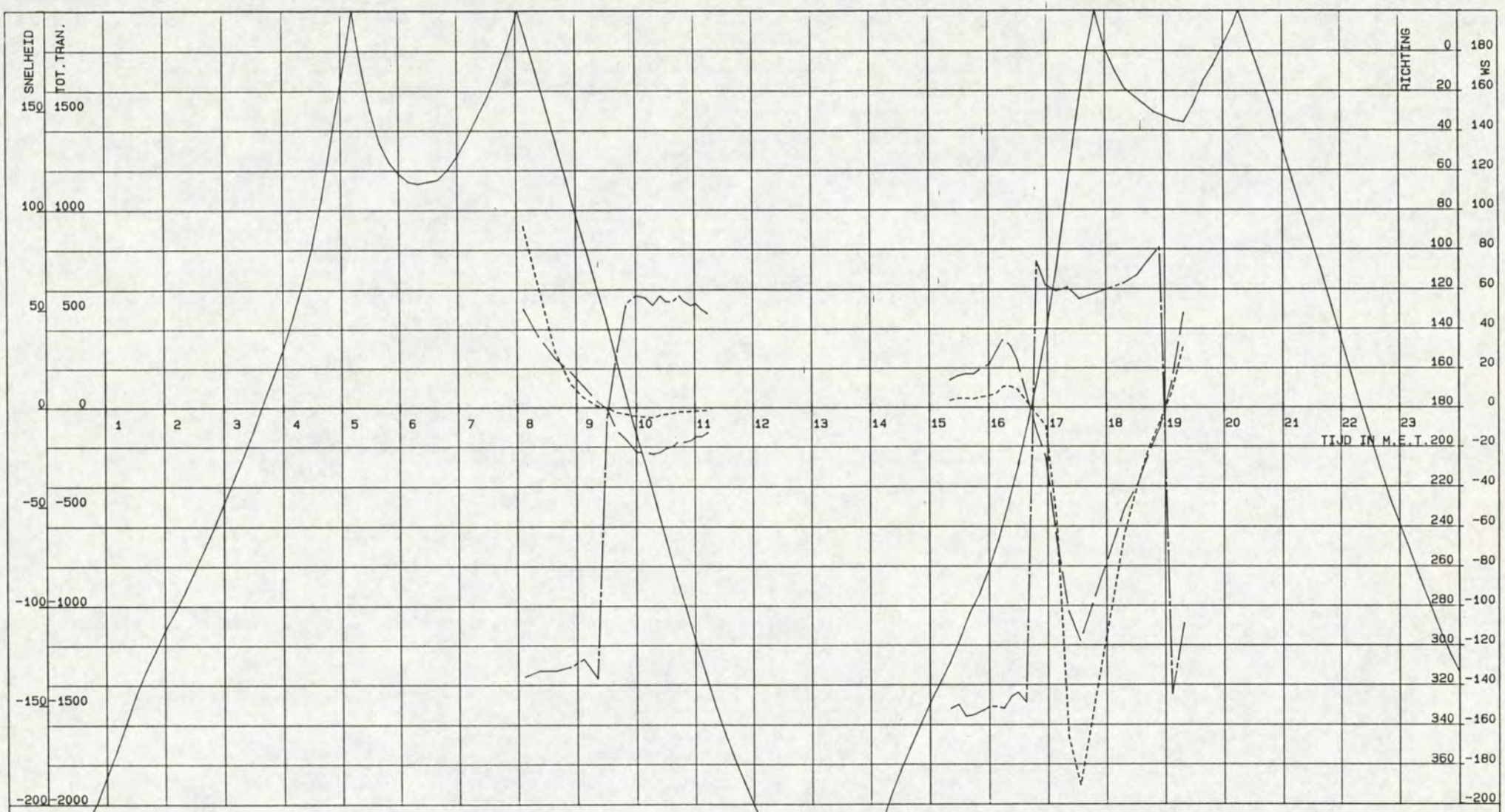
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TOTAAL TRANSPORT .g/ms. _____ _____ RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

VAARTUIG : ARGUS			DATUM : 03-03-1994		RIJKSWATERSTAAT
KASTNR. : 102.3.5-08	POSITIE.X. : 51118	CYCLUSTIJD : 120	STARTTIJD : 06 u 59		DIRECTIE ZEELAND
VISNR. : 102.3.3-05	POSITIE.Y. : 379011	MIDD.TIJD : 120	EINDTIJD : 19 u 56		MEETDIENST



PARTECH BOERENGAT OMG. BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TOTAAL TRANSPORT .g/ms. _____ ____ RICHTING.deg. GEMID. V EN R; TOTAAL T OVER VERTIKAAL

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

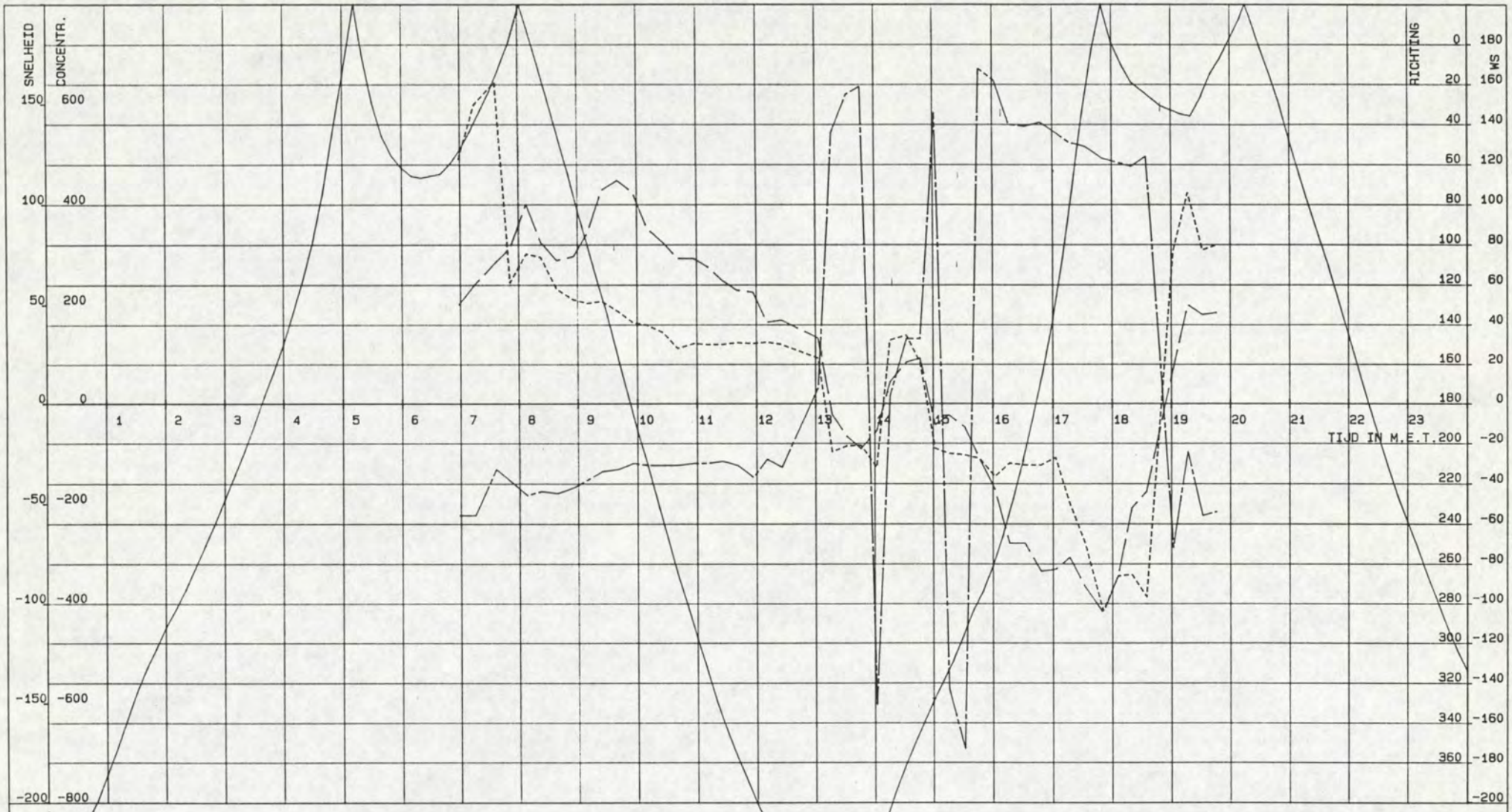
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

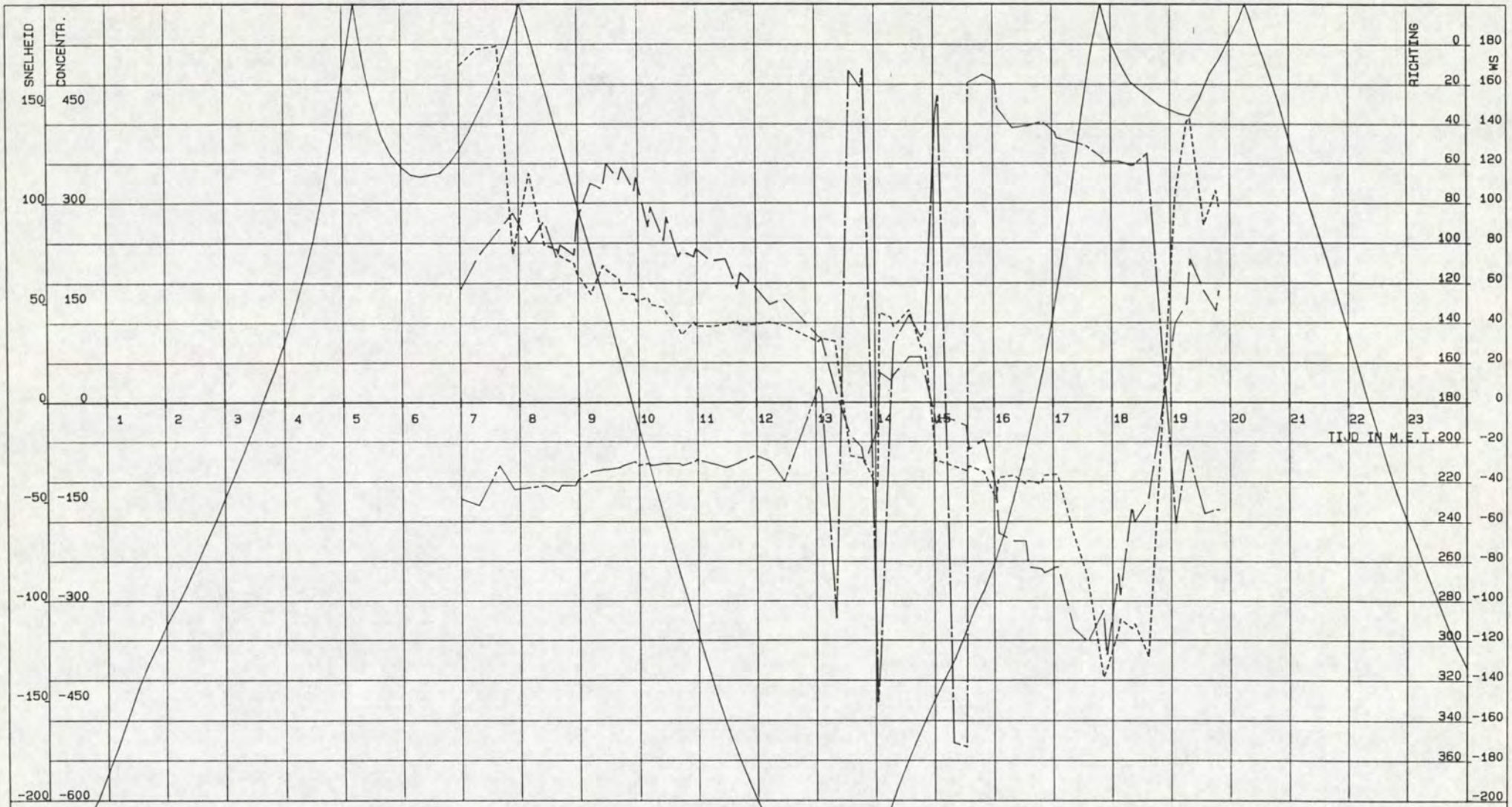
20. Krommen per meetniveau - slibconcentratie



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : LODYCKE			DATUM : 03-03-1994	AFSTAND TOT BODEM: 50 CM	RIJKSWATERSTAAT
KASTNR. : 102.3.5-06	POSITIE.X. : 51633	CYCLUSTIJD : 120	STARTTIJD : 06 u 59		DIRECTIE ZEELAND
VISNR. : 102.3.3-07	POSITIE.Y. : 379367	MIDD.TIJD : 120	EINDTIJD : 19 u 57		MEETDIENST



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

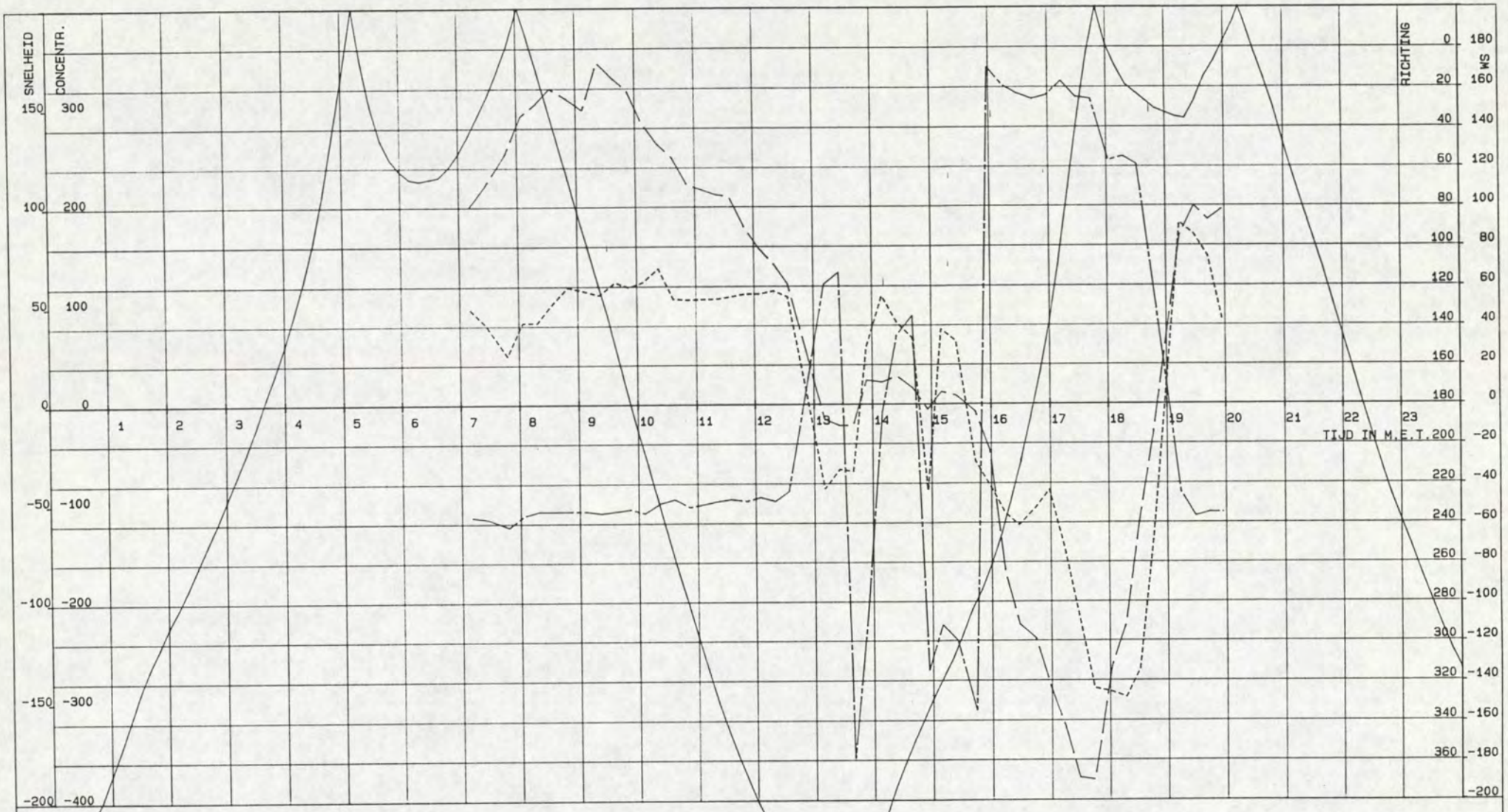
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

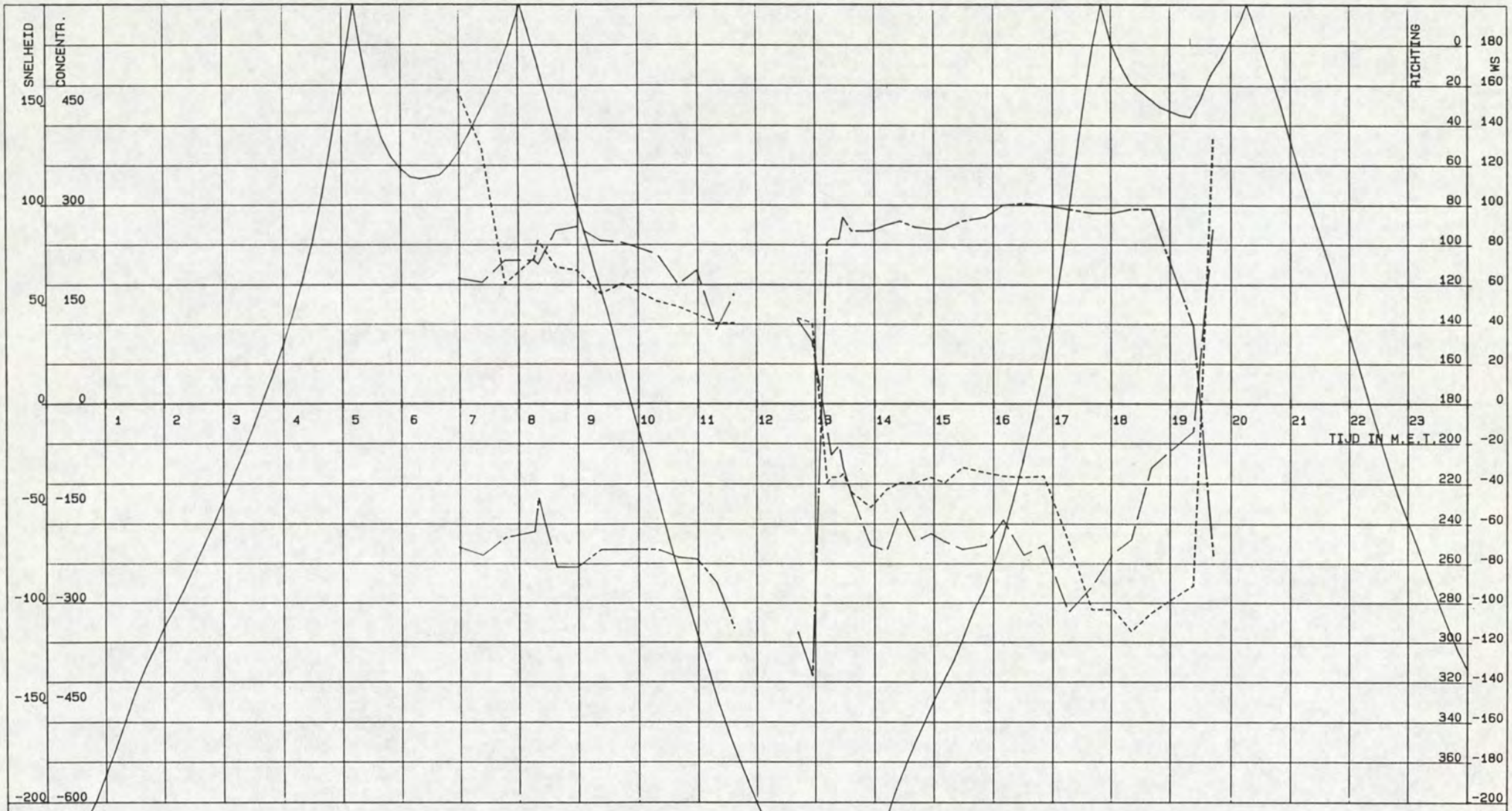
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

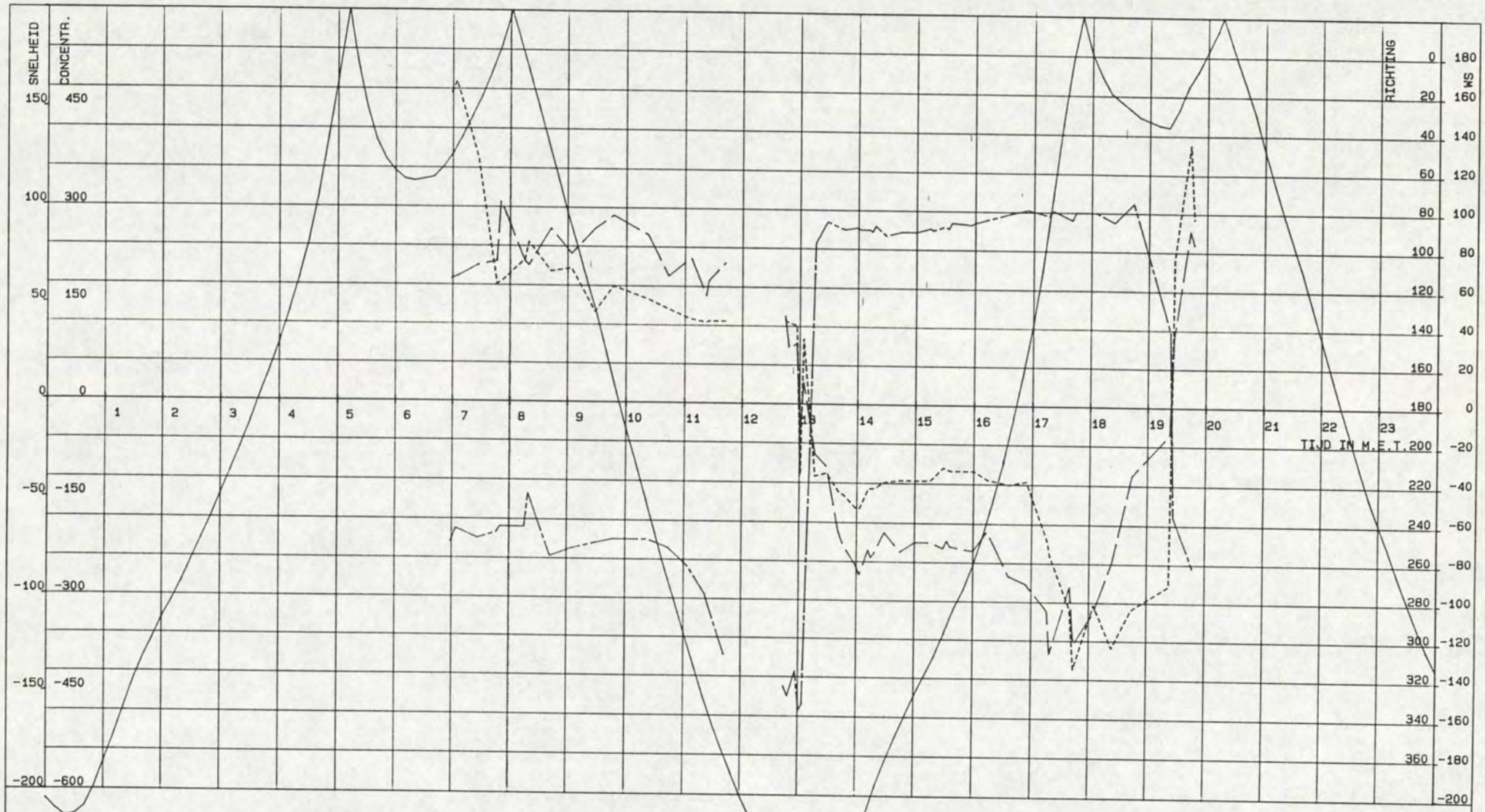
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

——— GETIJLIJN HANS .cm. — — . SNELHEID.cm/s. - - - - - - - - - . CONCENTRATIE.mg/l. ——— RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

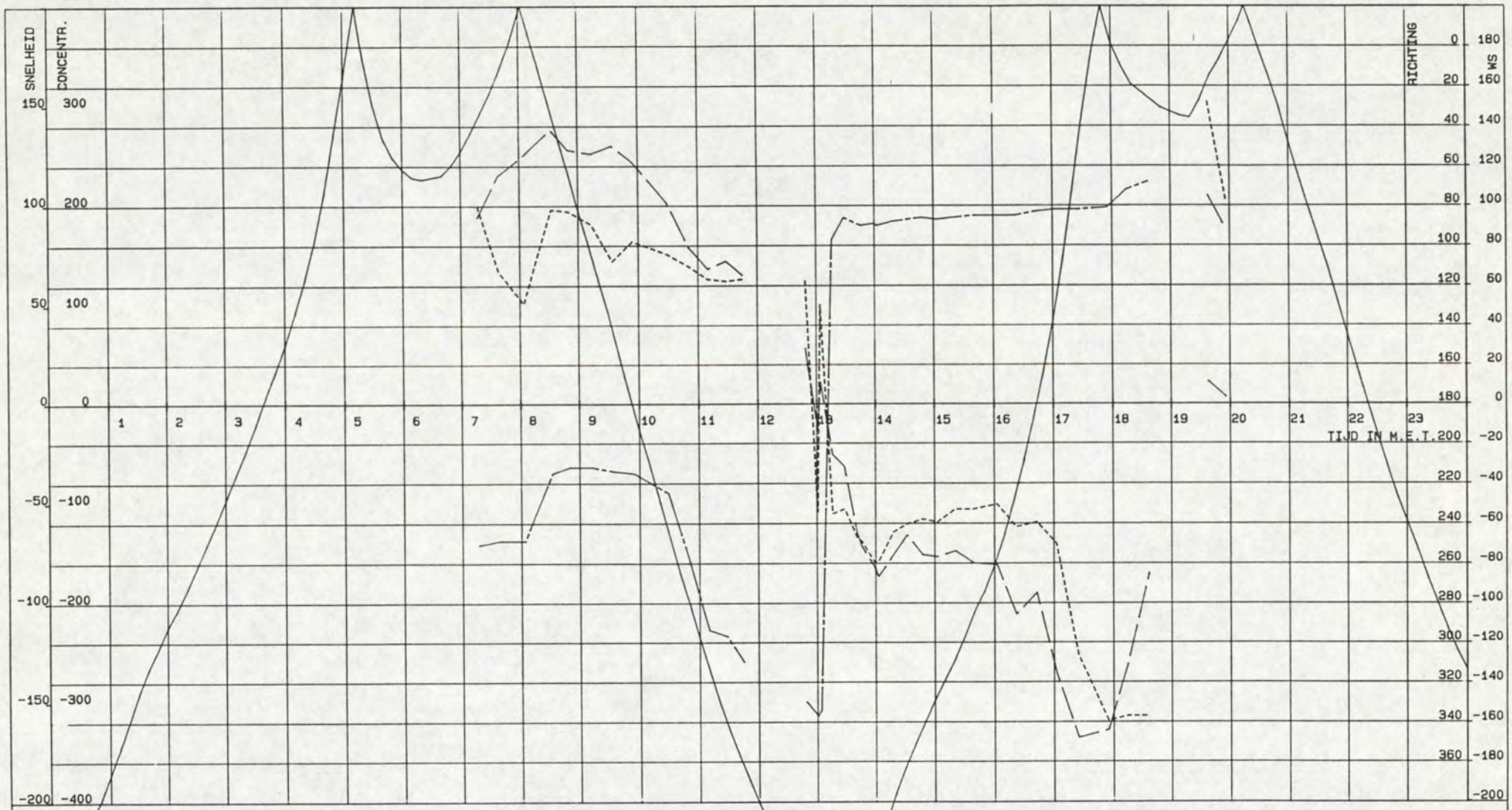
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

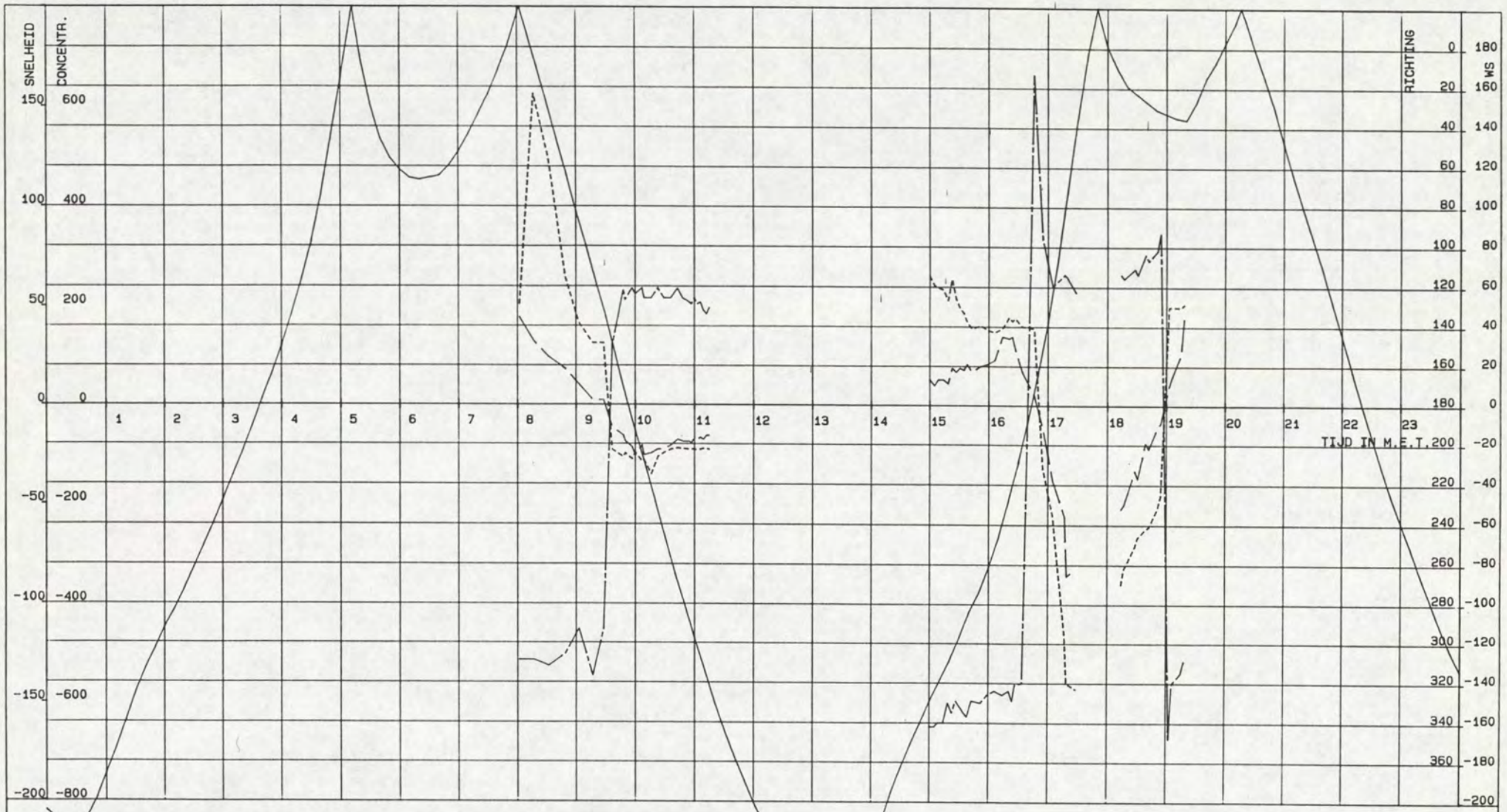
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

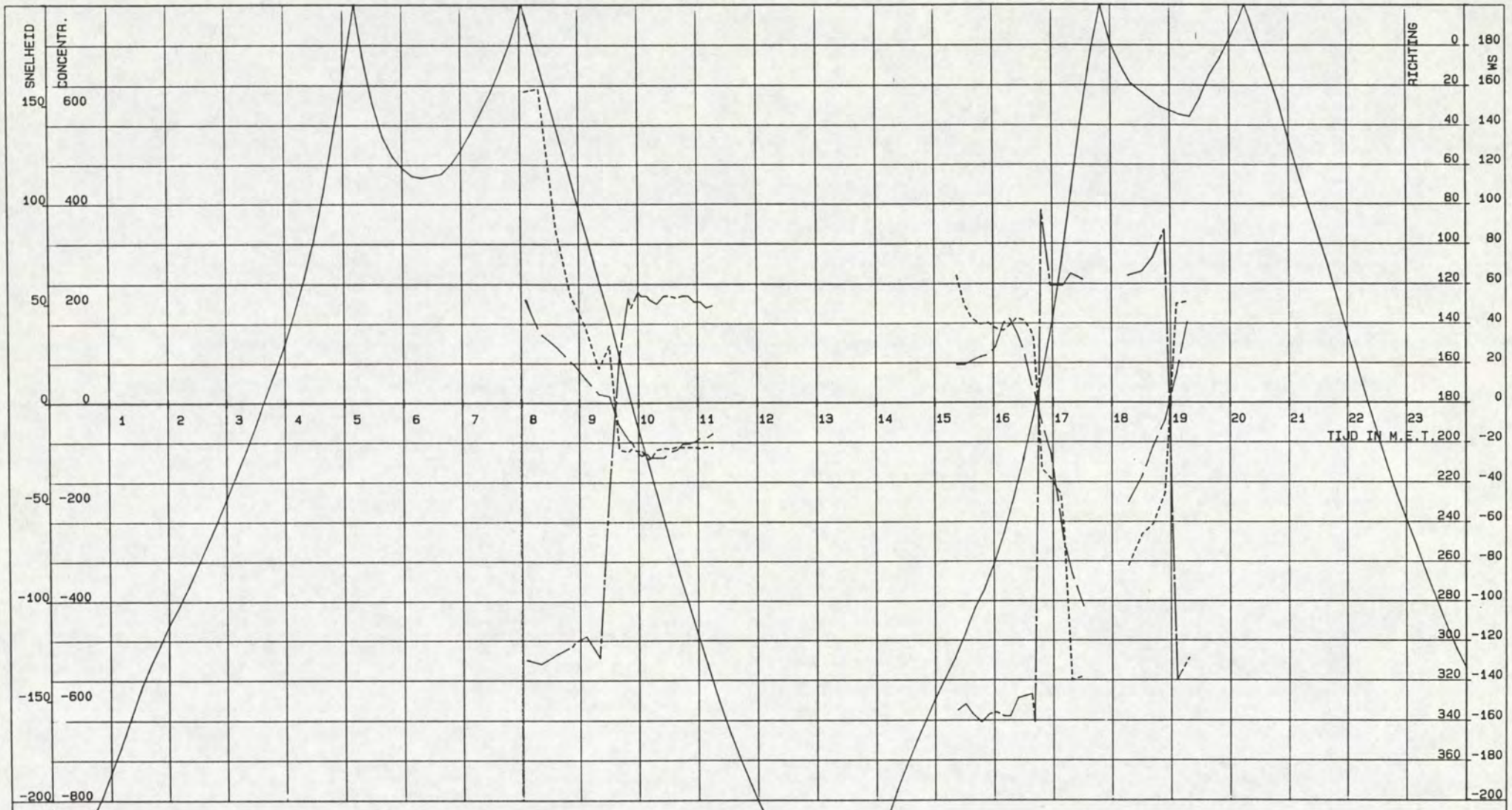
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. CONCENTRATIE.mg/l. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

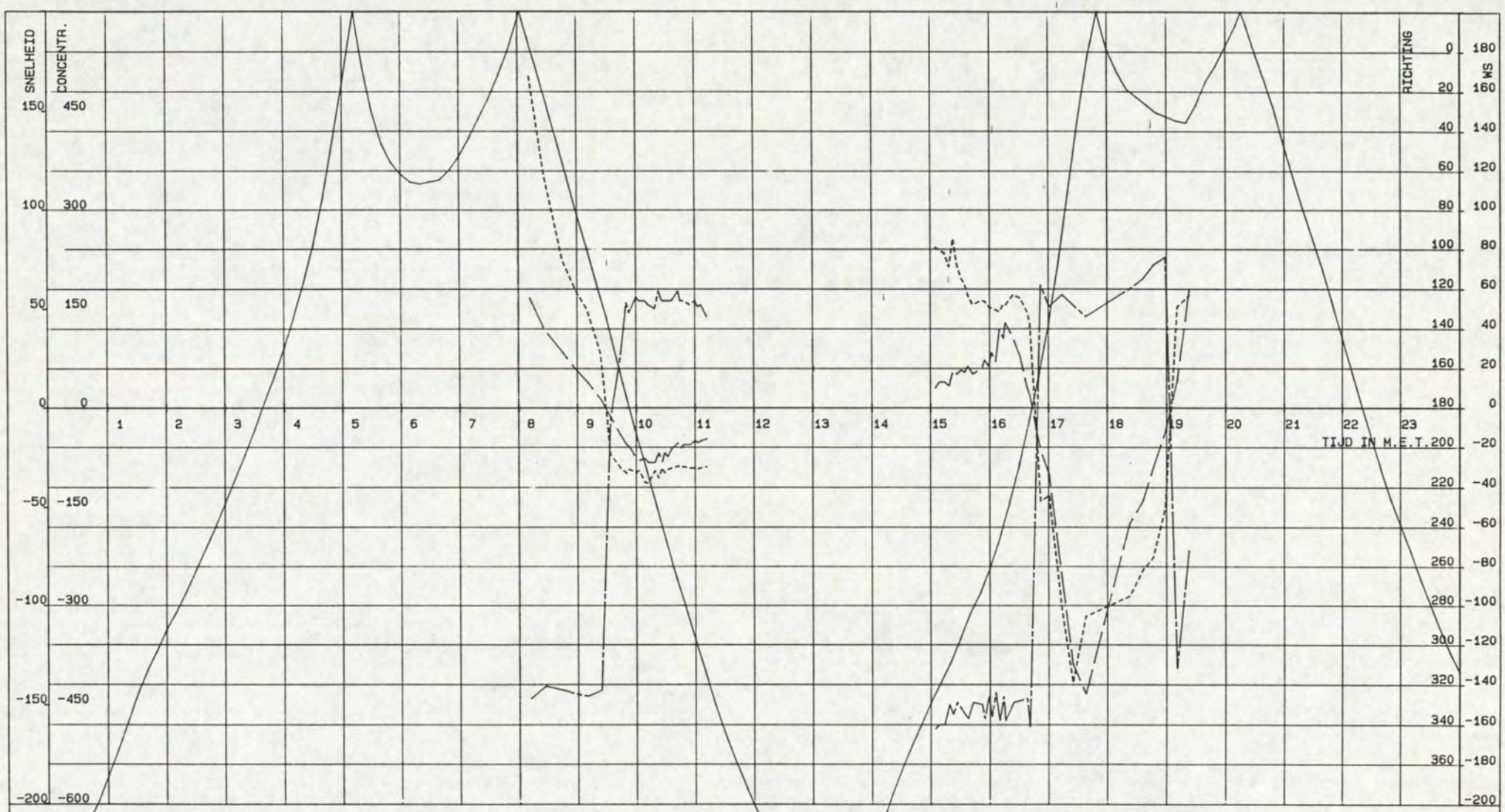
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST

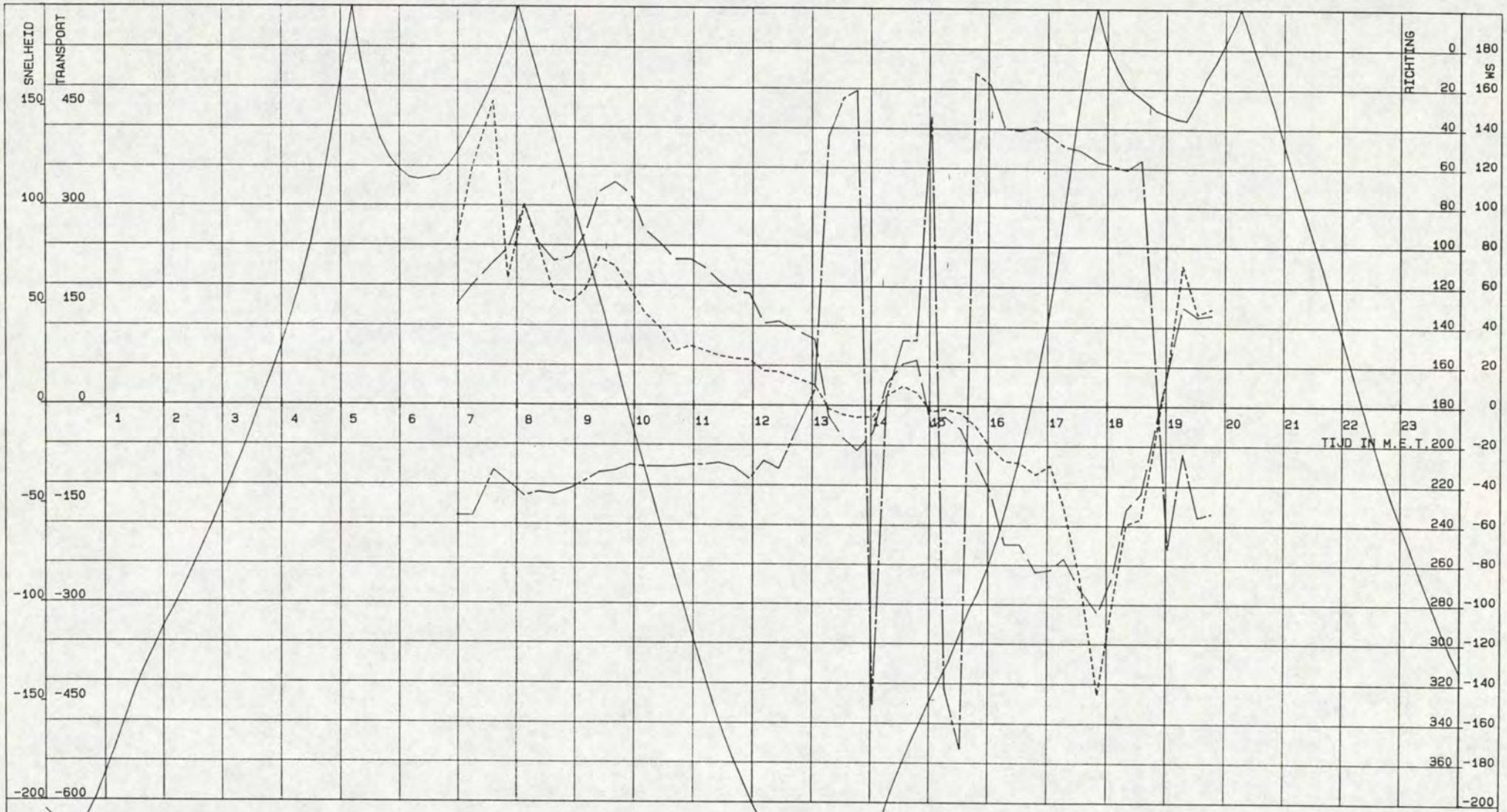


PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- CONCENTRATIE.mg/l. _____ _ _ RICHTING.deg.

VAARTUIG : SIERIX			DATUM : 03-03-1994	AFSTAND TOT OPP. : 100 CM	RIJKSWATERSTAAT
KASTNR. : 102.3.5-03	POSITIE.X. : 50161	CYCLUSTIJD : 120	STARTTIJD : 08 u 02		DIRECTIE ZEELAND
VISNR. : 102.3.3-09	POSITIE.Y. : 379557	MIDD.TIJD : 120	EINDTIJD : 19 u 23		MEETDIENST

21. Krommen per meetniveau - slibtransport



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

———— GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. ---------- TRANSPORT .g/m2s. ———— RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

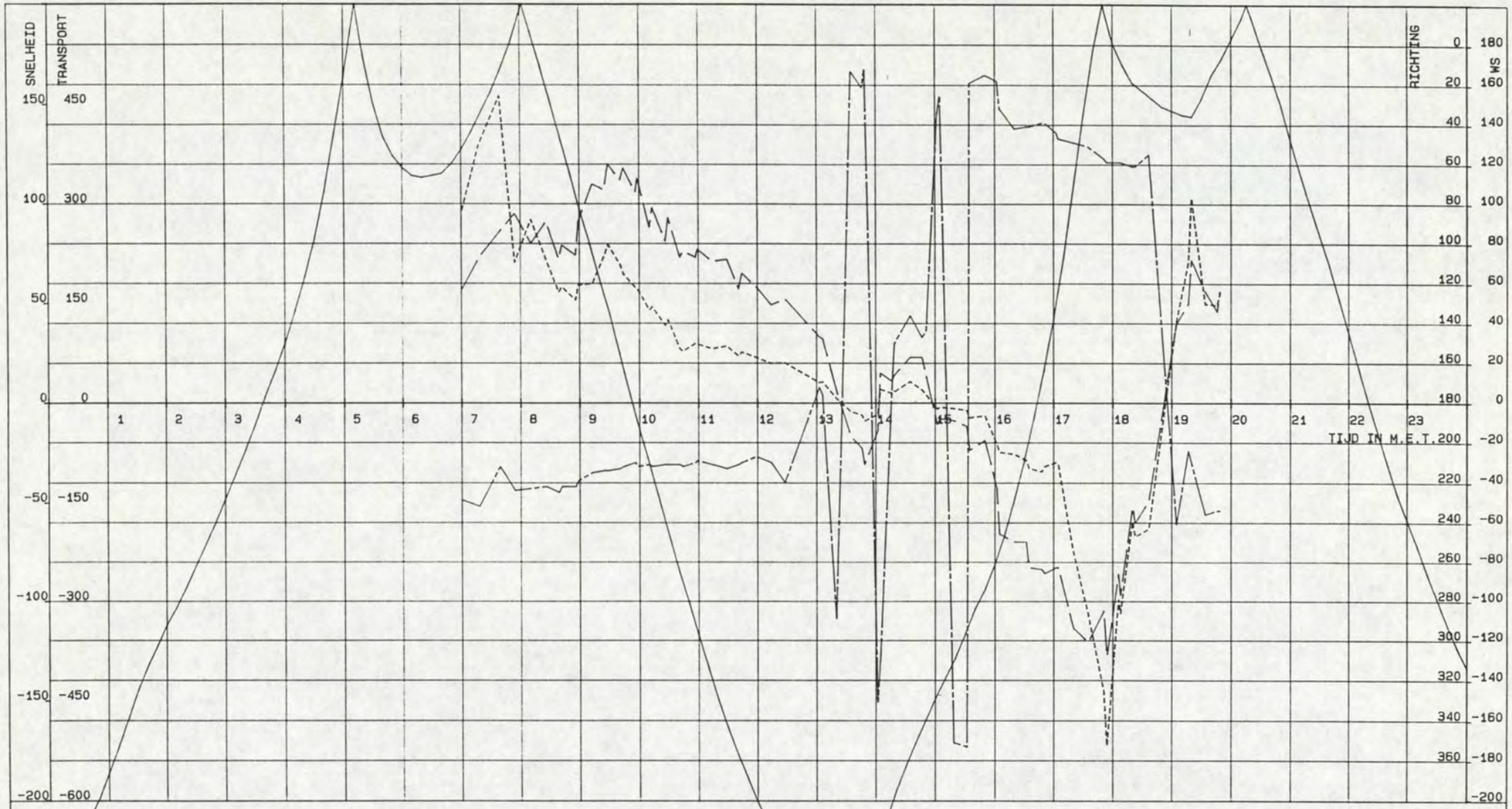
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

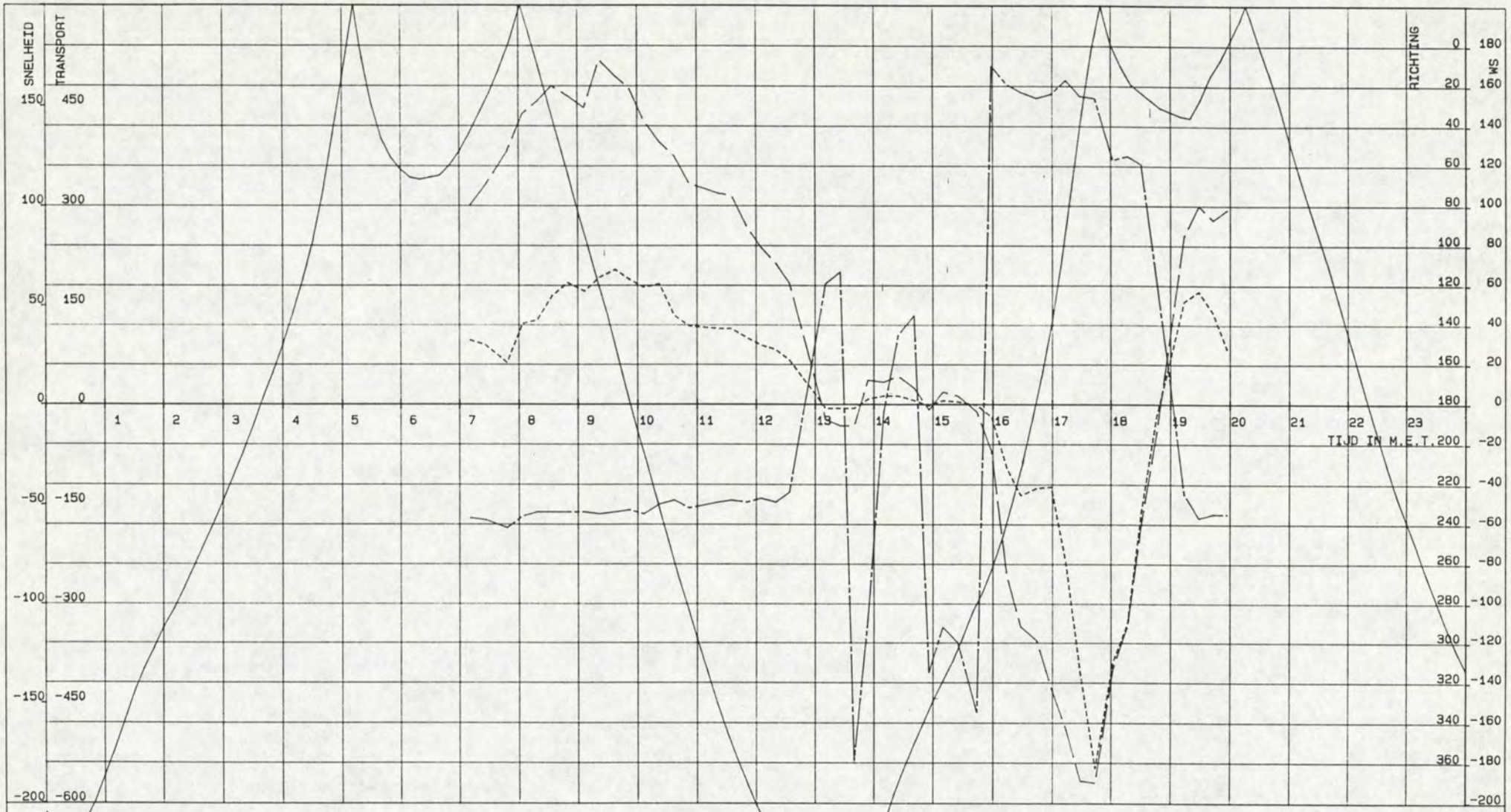
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG BAARLAND MEETPUNT 1

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : LODYCKE
KASTNR. : 102.3.5-06
VISNR. : 102.3.3-07

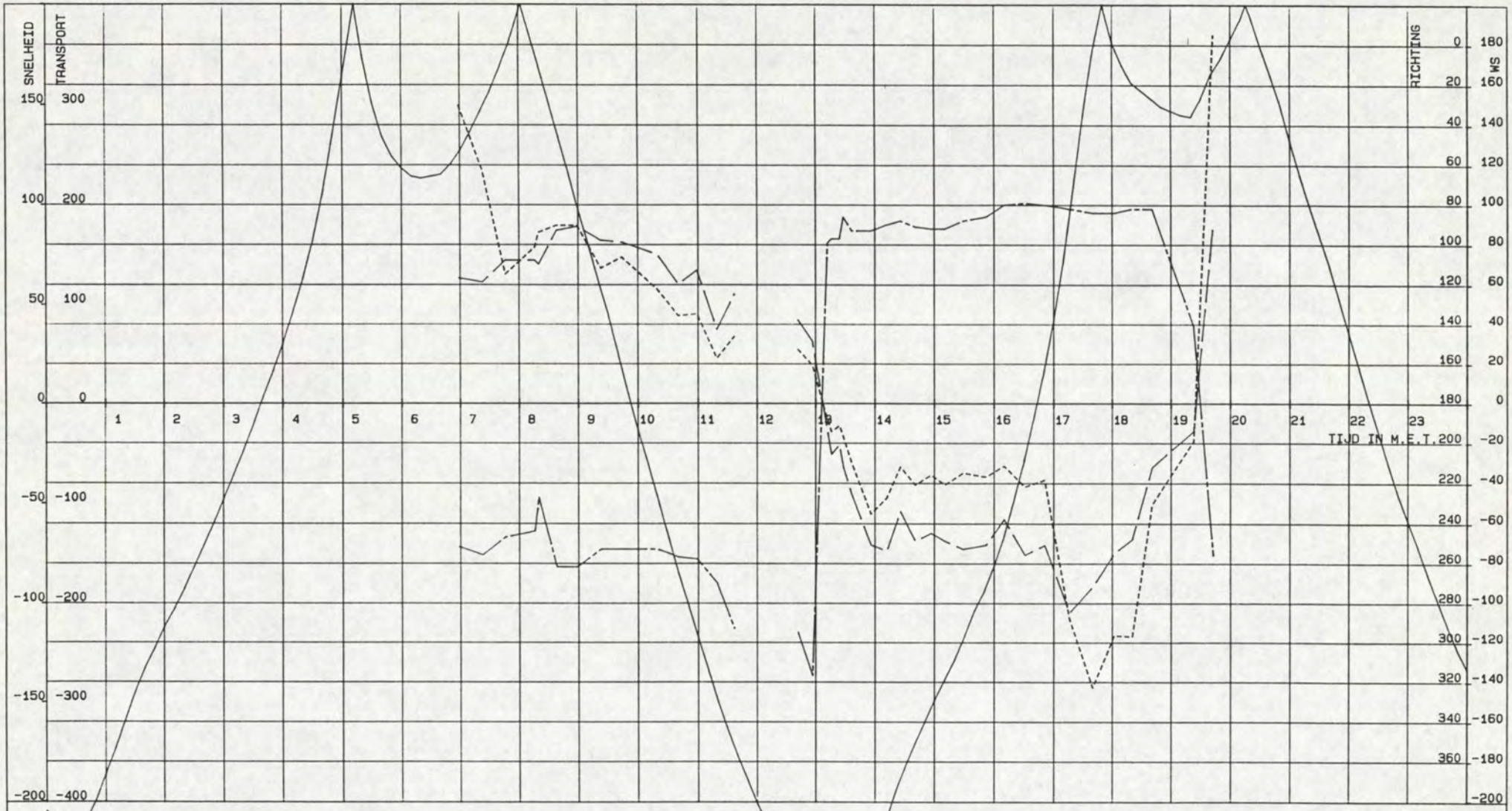
POSITIE.X. : 51633
POSITIE.Y. : 379367

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 57

AFSTAND TOT OPP. : 200 CM

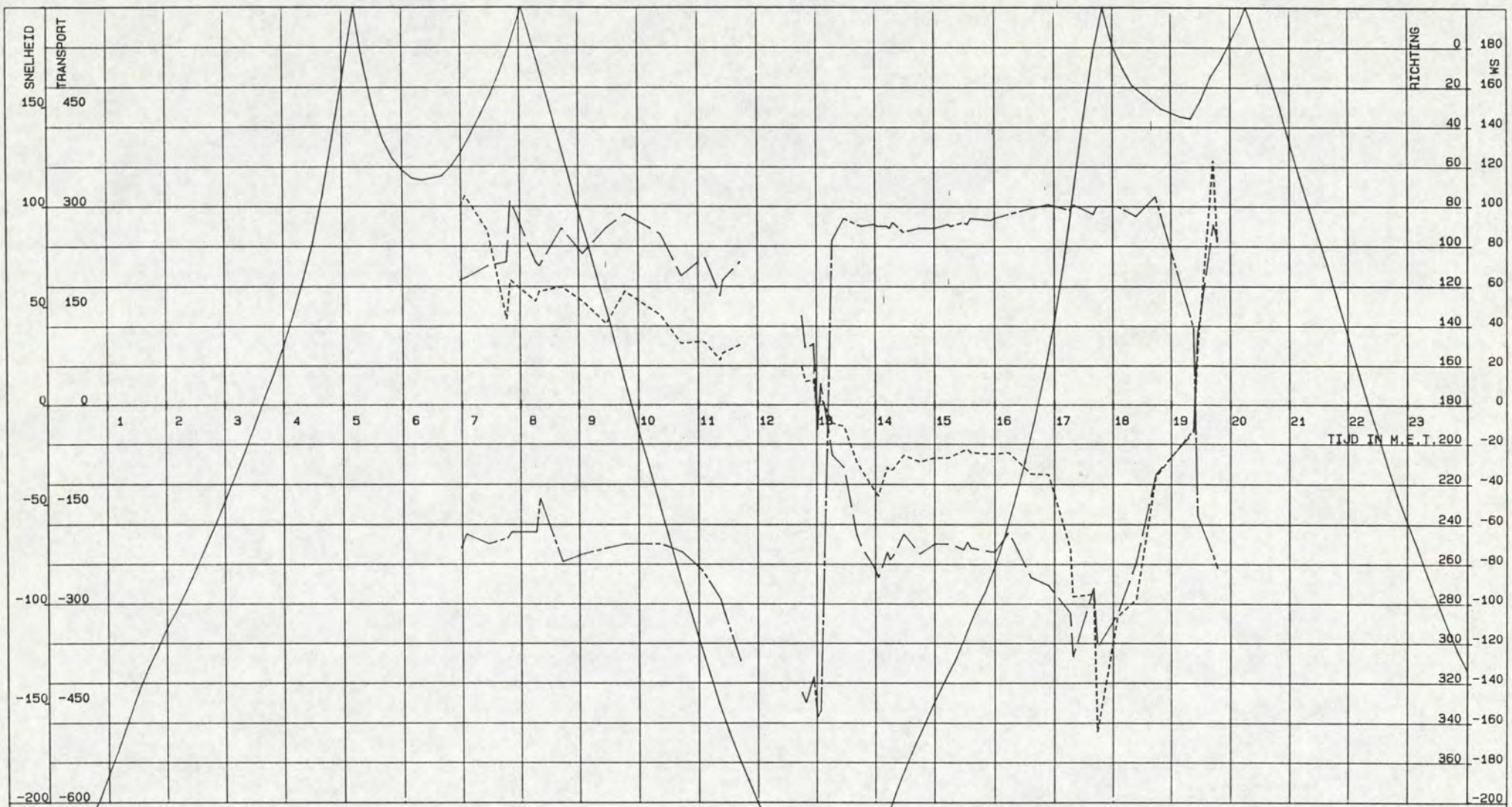
RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

_____ GETIJLIJN HANS .cm. ____ ____ . SNELHEID.cm/s. ---------- TRANSPORT .g/m2s. _____ _____ RICHTING.deg.

VAARTUIG : ARGUS			DATUM : 03-03-1994	AFSTAND TOT BODEM: 50 CM	RIJKSWATERSTAAT
KASTNR. : 102.3.5-08	POSITIE.X. : 51118	CYCLUSTIJD : 120	STARTTIJD : 06 u 59		DIRECTIE ZEELAND
VISNR. : 102.3.3-05	POSITIE.Y. : 379011	MIDD.TIJD : 120	EINDTIJD : 19 u 56		MEETDIENST



PARTECH MIDDELGAT OMG. BAARLAND MEETPUNT 2

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT g/m2s. RICHTING.deg.

VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

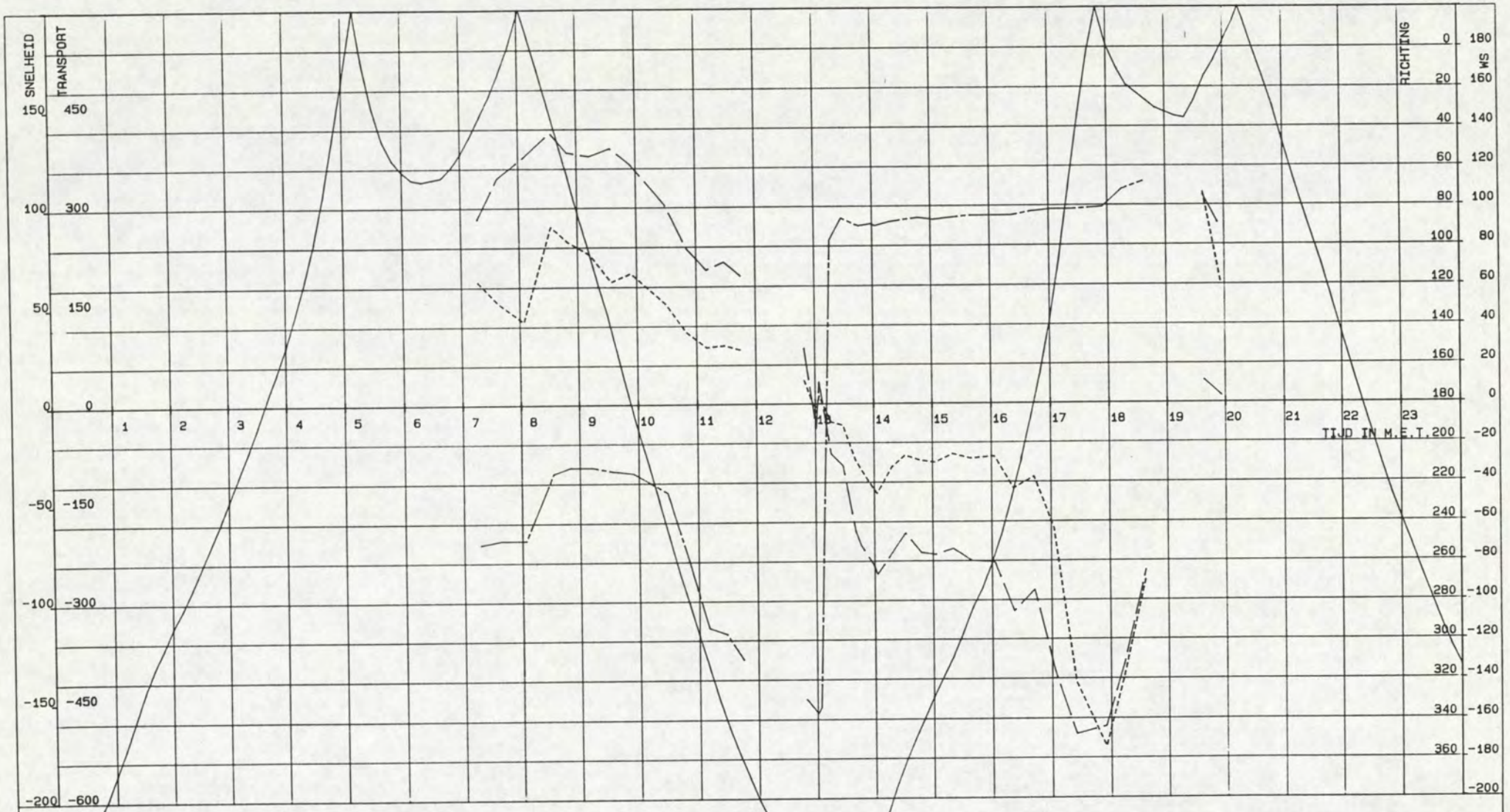
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



VAARTUIG : ARGUS
KASTNR. : 102.3.5-08
VISNR. : 102.3.3-05

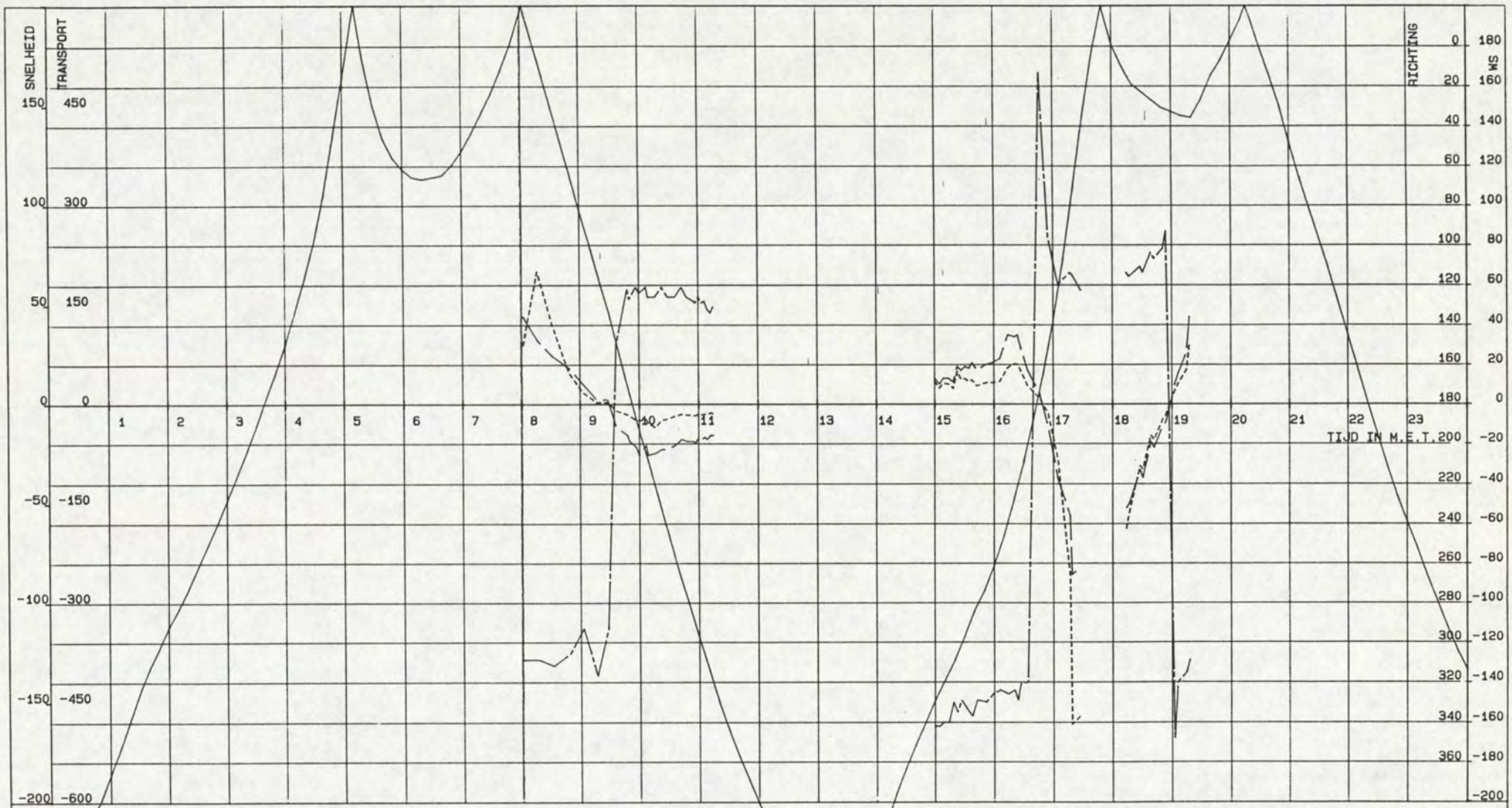
POSITIE.X. : 51118
POSITIE.Y. : 379011

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 06 u 59
EINDTIJD : 19 u 56

AFSTAND TOT OPP. : 200 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

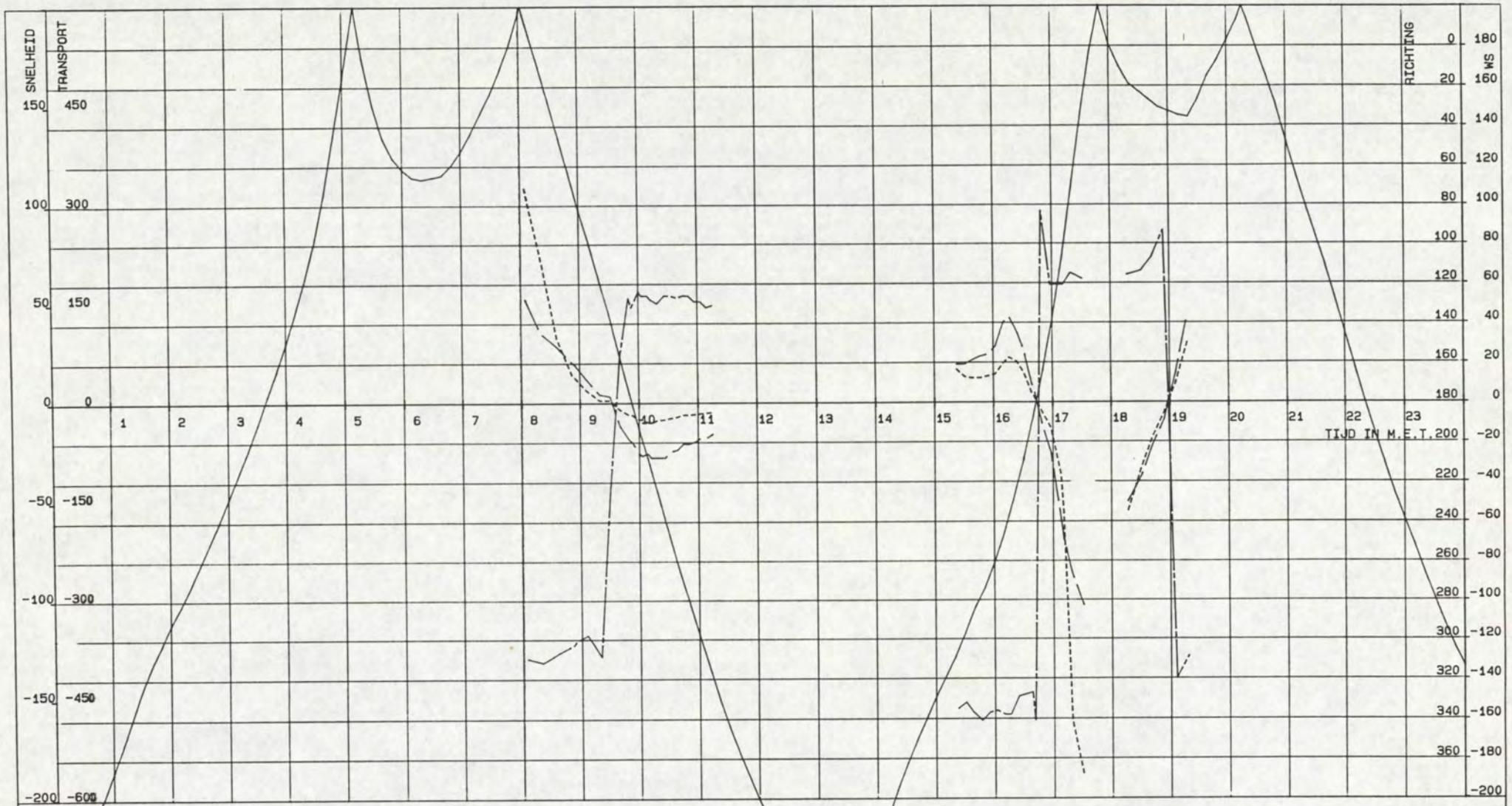
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 50 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

_____ GETIJLIJN HANS .cm. — — — . SNELHEID.cm/s. ---------- TRANSPORT .g/m2s. _____ RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

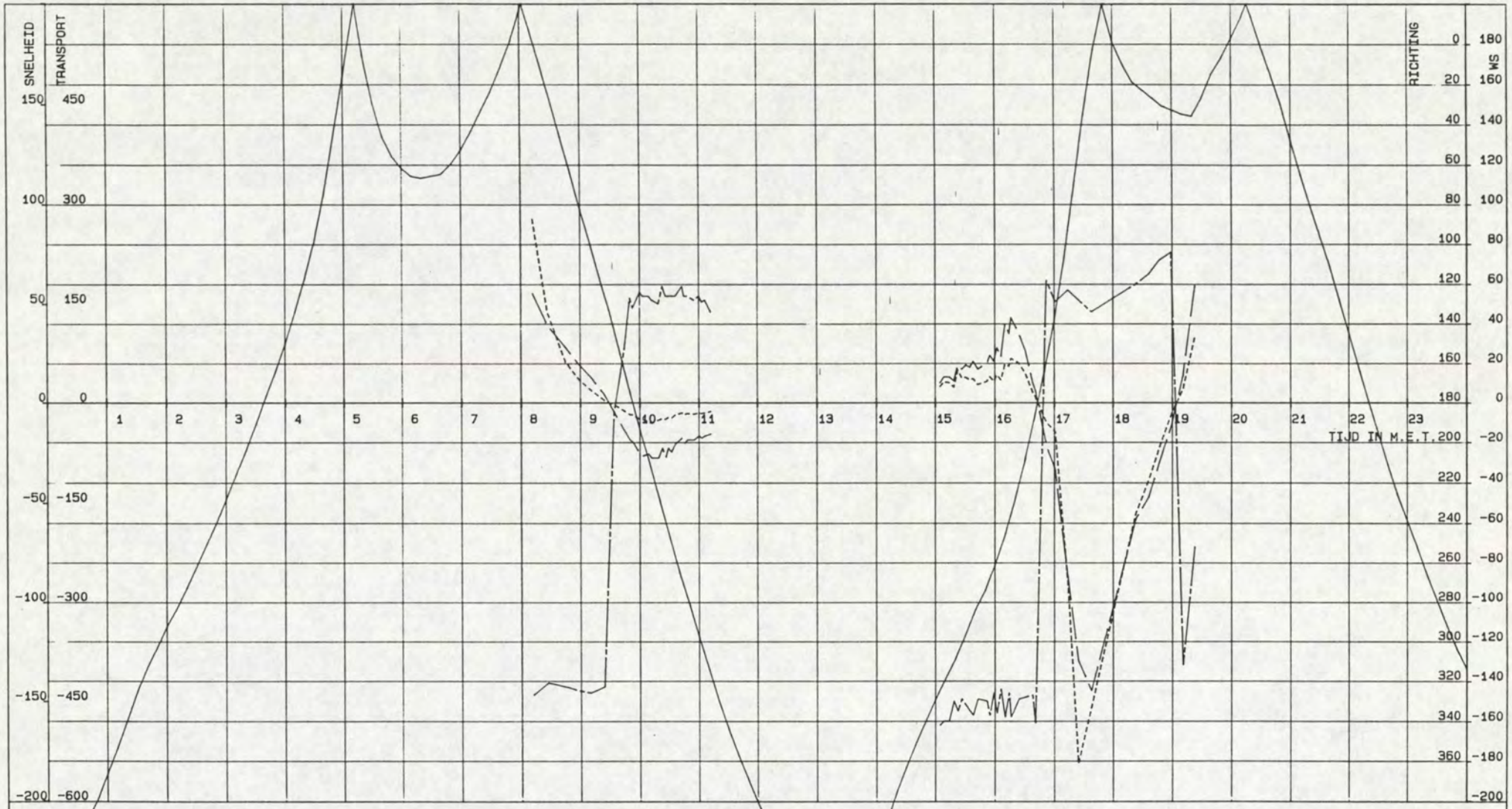
POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT BODEM: 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST



PARTECH BOERENGAT OMG BAARLAND MEETPUNT 3

GETIJLIJN HANS .cm. . SNELHEID.cm/s. TRANSPORT .g/m2s. RICHTING.deg.

VAARTUIG : SIERIX
KASTNR. : 102.3.5-03
VISNR. : 102.3.3-09

POSITIE.X. : 50161
POSITIE.Y. : 379557

CYCLUSTIJD : 120
MIDD.TIJD : 120

DATUM : 03-03-1994
STARTTIJD : 08 u 02
EINDTIJD : 19 u 23

AFSTAND TOT OPP. : 100 CM

RIJKSWATERSTAAT
DIRECTIE ZEELAND
MEETDIENST