

DI 40041

Ministerie van Verkeer en Waterstaat

Directoraat-Generaal Rijkswaterstaat

van Verkeer en Waterstaat

Directie Zeeland

Nummer:

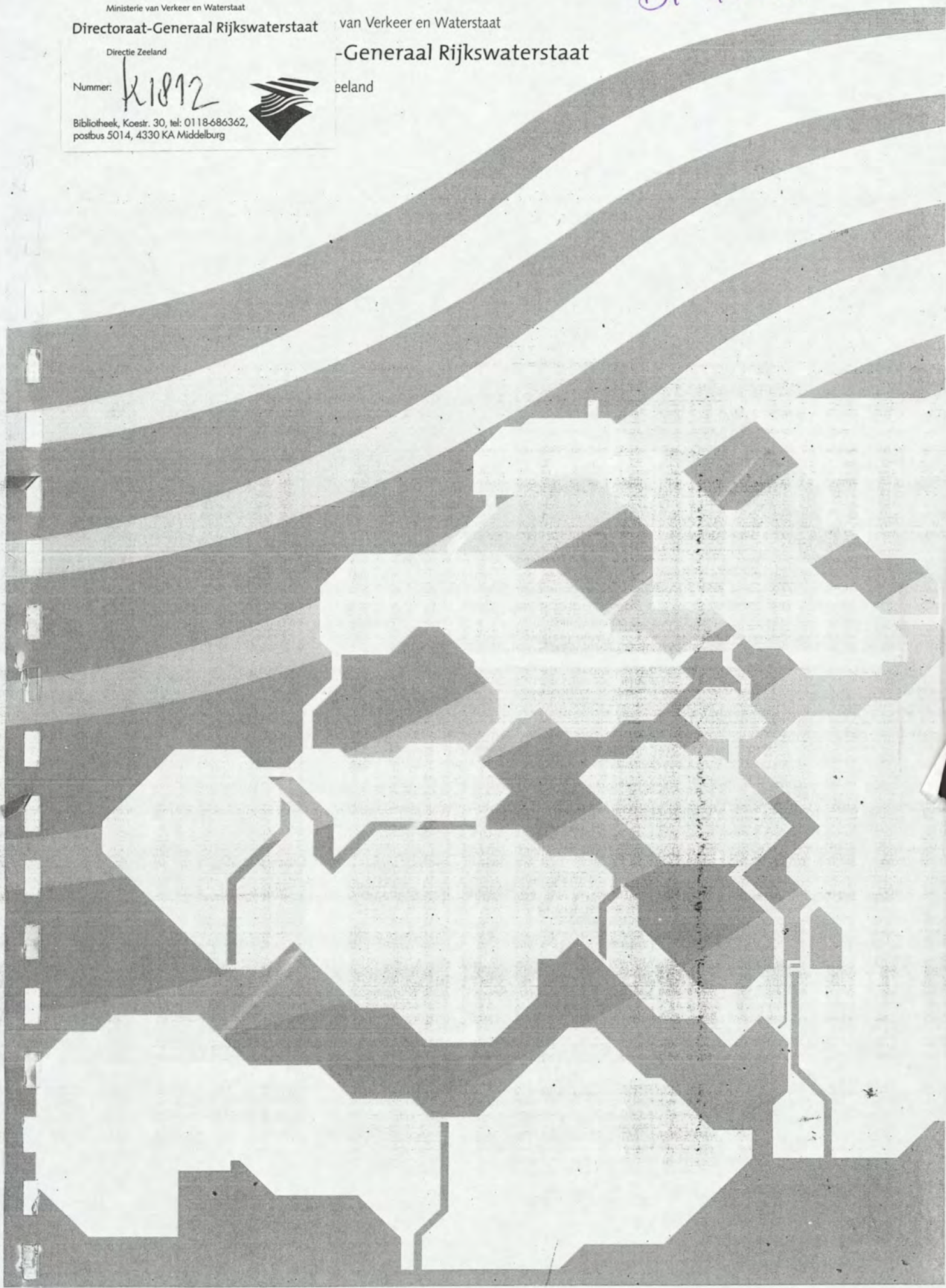
K1892



Bibliotheek, Koestr. 30, tel: 0118-686362,
postbus 5014, 4330 KA Middelburg

-Generaal Rijkswaterstaat

Zeeland



Stroom- en sedimentmetingen
Westerschelde Raai - 5A
25 en 26 oktober 1999

● ○

Meetdienst Zeeland

Notitie

Nummer: ZLMD-99.N.049

Onderwerp: Meetresultaten
Stroom- en Sedimentmeting
Raai - 5A
Zuidergat - Schaar van Waarde

Datum: 25 en 26 oktober 1999

Code: 0209M9901

Datum: maart 2000

Auteur: Verwerking Hydrografie

Bijlagen: 19

1. ALGEMEEN

Ten behoeve van de Monitoring Verdieping Westerschelde (MOVEcode 64) werd op 25 en 26 oktober 1999 in de Westerschelde Raai-5A (Zuidergat - Schaar van Waarde) een sedimentmeting uitgevoerd. Tevens is in de periode 20 oktober t/m 29 november 1999 met behulp van OSM's de stroomsnelheid en -richting gemeten.

Op 25 en 26 oktober 1999 is met behulp van de ADCP (Acoustic Doppler Current Profiler) het debiet in deze raai gemeten.

Voor de resultaten van de ADCP-metingen zie notitie ZLMD-99N.049A.

Bijlage 1 toont de situatie van de meetraai in het meetgebied.

De as- en raaigegevens staan vermeld in bijlage 2.

2. UITVOERING

De sedimentmetingen, met behulp van de AZTM (zand) en de MEX (slib), werden uitgevoerd als vertikaalmetingen, waarbij de vertikalen opgaand werden gemeten. Op 25 oktober is er gemeten in de meetpunten 1 en 2 in het Zuidergat (deelraai - 1) en op 26 oktober in de meetpunten 3 en 4 in de Schaar van Waarde (deelraai - 2).

Tijdens de metingen is t.b.v. de ijking AZTM enkele keren het zoutgehalte en de watertemperatuur bepaald.

Voor de ijking van de MEX zijn een aantal monsters genomen.

De OSM-instrumenten hebben gemeten op een diepte van 40% van de waterdiepte (t.o.v. N.A.P.) boven de bodem.

De posities van de verschillende meetpunten zijn:

meetpunt	cöördinaat		voetmaat	opmerkingen
	X	Y		
mp. 1	60780	378780	238 m	deelraai 1
mp. 2	61710	378980	1189 m	deelraai 1
OSM 1	61220	378980	710 m	deelraai 1
mp. 3	62830	379840	940 m	deelraai 2
mp. 4	63300	380460	1718 m	deelraai 2
OSM 2	62920	379780	950 m	deelraai 2

In het dwarsprofiel, zie bijlage 3, zijn de meetposities uitgezet in afstanden ten opzichte van het nulpunt. De OSM-metpunten 1 en 2 zijn respectievelijk 100 meter beneden- en bovenstrooms van de meetraai gesitueerd. Zie hiervoor bijlage 1.

Voor een overzicht metingen zie bijlage 4.

3. VERTIKAAL GETIJ

Het vertikaal getij werd bepaald aan de registrerende peilschrijver van Hansweert, (X = 58390, Y = 384990), lokatienummer 120 uit het RMI-meetnet.

De meetwaarden zijn grafisch uitgezet tegen de tijd in de bijlage 5 met toevoeging van de numerieke waarden per 10 minuten.

4. WEERSOMSTANDIGHEDEN

Op 25 oktober heerste aanvankelijk een zuid-zuidoostelijke wind van 9 m/sec., later afnemend tot 7 m/sec. en draaiend naar zuid-zuidwest.

Op 26 oktober was de wind aanvankelijk zuid-zuidwest, 6 m/sec., toenemend tot 10 m/sec., later weer afnemend tot 6 m/sec. en draaiend naar west-zuidwest.

De windsnelheid en -richting werd gemeten aan de meetopstelling Hansweert (HAWS, RMI-lokatienr. 816) en staat samen met het vertikale getij van Hansweert uitgezet in de bijlage 6.

5. VERWERKING

* Zandmeting (AZTM)

De gemeten zandconcentraties zijn met de voor het betreffende instrument geldende ijklijn gecorrigeerd. Zie voor de ijklijnen bijlage 7. 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 ($K_t = 1,0$) en aangepast naar de omstandigheden tijdens de meting, n.l.:

meetpunt	saliniteit in promille	temperatuur in graden Celsius	K_t corr. fact. temperatuur	opmerkingen
1	20,5	12,1	0,98868	
2	20,5	12,1	0,98868	
3	21,6	12,1	0,98610	
4	21,6	12,1	0,98610	

Uit de gecorrigeerde gegevens zijn de vertikalen, stroomsnelheid en zandconcentratie getekend. Bijlage 8. In bijlage 9 zijn dezelfde stroomsnelheidsvertikalen getekend maar dan in combinatie met het zandtransport.

De gemiddelde stroomsnelheden en -richtingen zijn tegen de tijd uitgezet in samenhang met de gemiddelde zandconcentratie (bijlage 10) en in bijlage 11 in combinatie met het gemiddelde zandtransport.

*** Slibmeting (MEX)**

Tijdens de meting zijn monsters genomen om aan de hand daarvan de MEX-gegevens te corrigeren. De daaruit voortgekomen ijklijnen zijn gepresenteerd in bijlage 12.

De bijlagen 13 t/m 16 tonen dezelfde presentatie voor wat betreft de slibresultaten als de bijlagen 8 t/m 11 voor de zandresultaten (concentratie - transport).

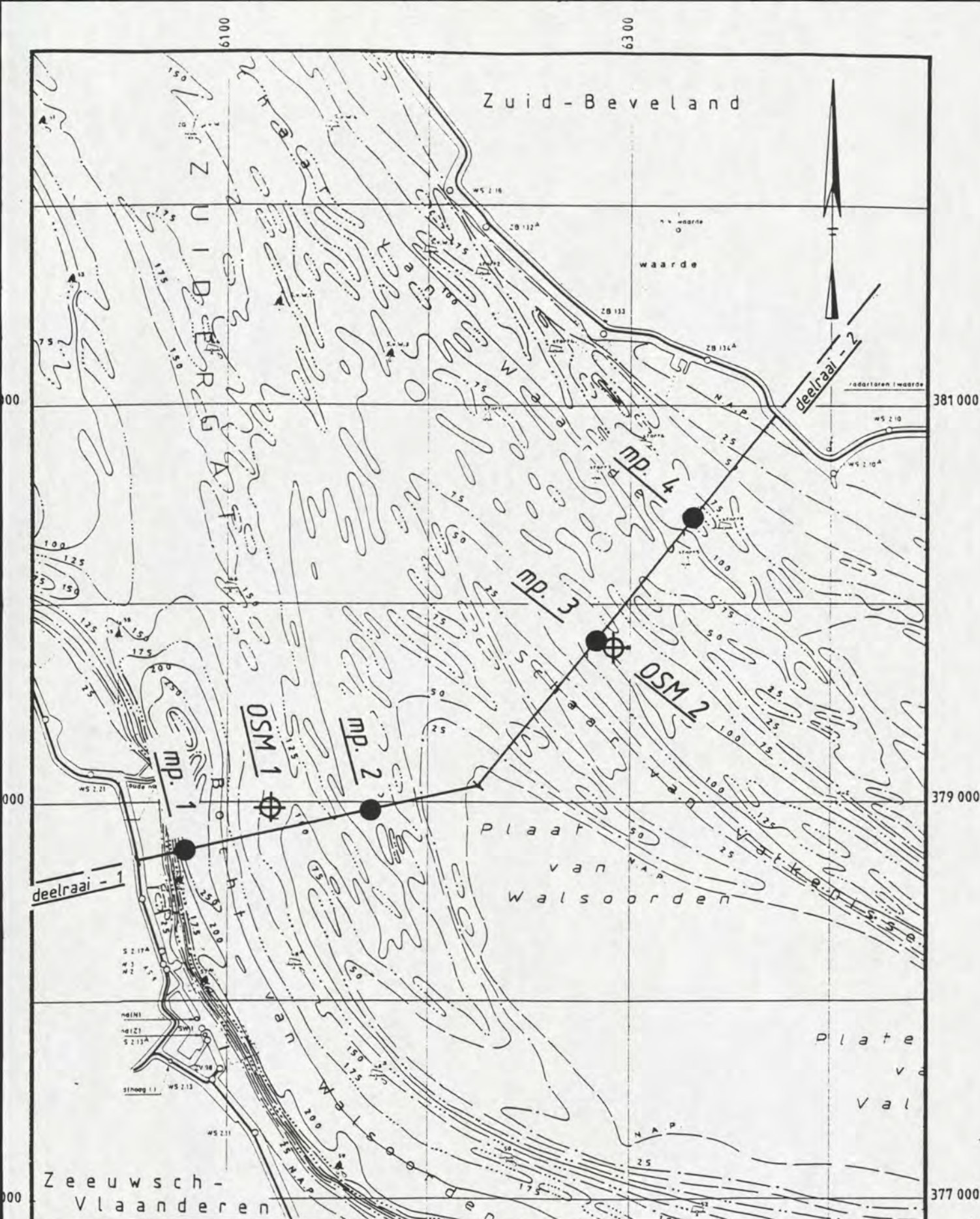
*** Stroommeting (OSM)**

De gemeten stroomsnelheden en -richtingen zijn per dag tegen de tijd uitgezet in de bijlagen 17 en 18.

De controlemetingen t.b.v. de OSM's welke zijn afgeleid uit de ADCP-meting zijn gepresenteerd in de bijlage 19.

6. LIJST VAN BIJLAGEN

1. Situatie meetgebied
2. As- en raaigegevens
3. Dwarsprofiel
4. Overzicht metingen
5. Opgetreden getij
6. Wind- en getijgegevens
7. IJklijnen AZTM
8. Vertikalen zandconcentratie
9. Vertikalen zandtransport
10. Gemiddelde krommen stroom en zandconcentratie
11. Gemiddelde krommen stroom en zandtransport
12. IJklijnen MEX
13. Vertikalen slibconcentratie
14. Vertikalen slibtransport
15. Gemiddelde krommen stroom en slibconcentratie
16. Gemiddelde krommen stroom en slibtransport
17. Resultaten OSM 1
18. Resultaten OSM 2
19. Controlemetingen



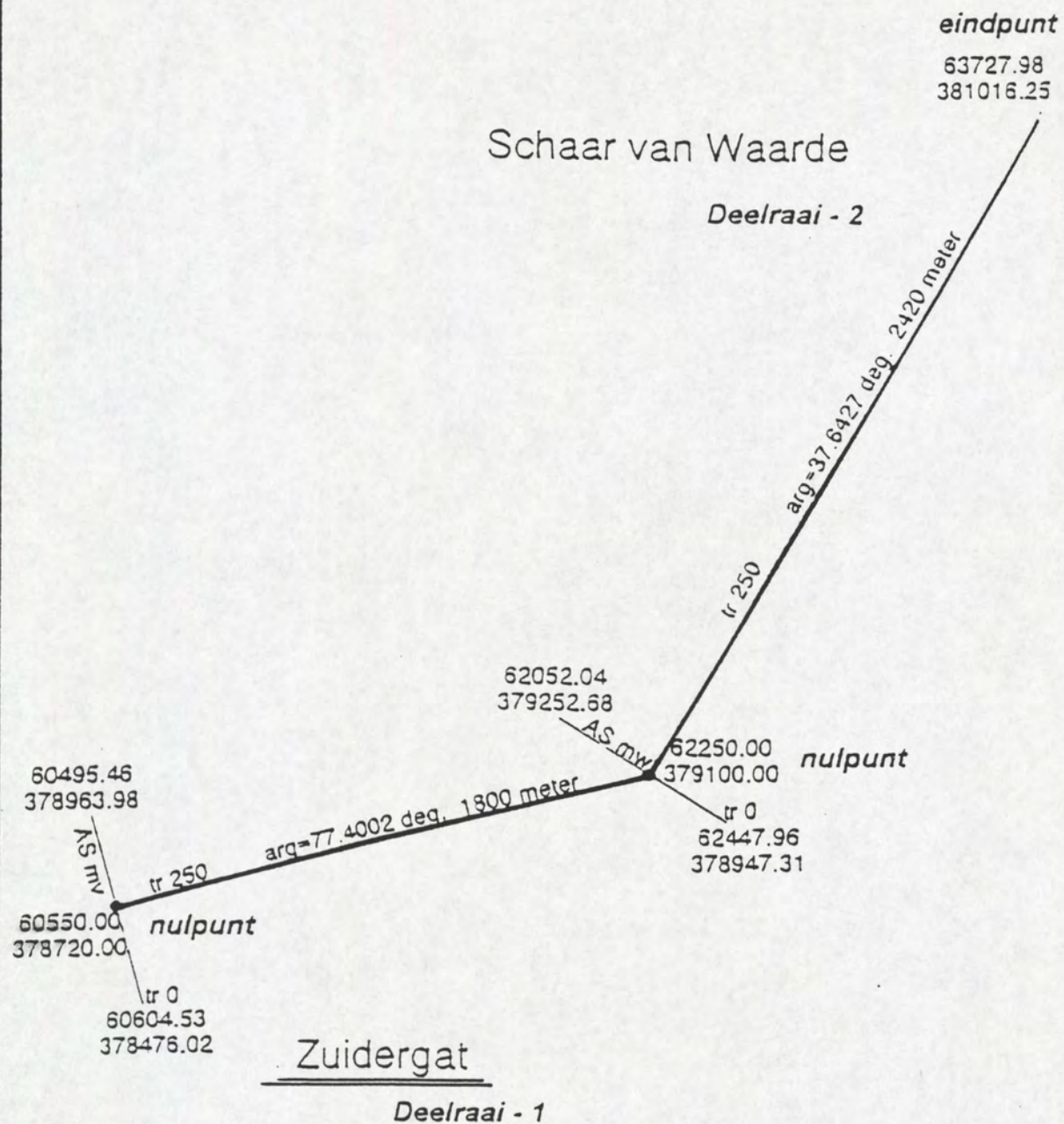
rijkswaterstaat
directie zeeland - meetdienst

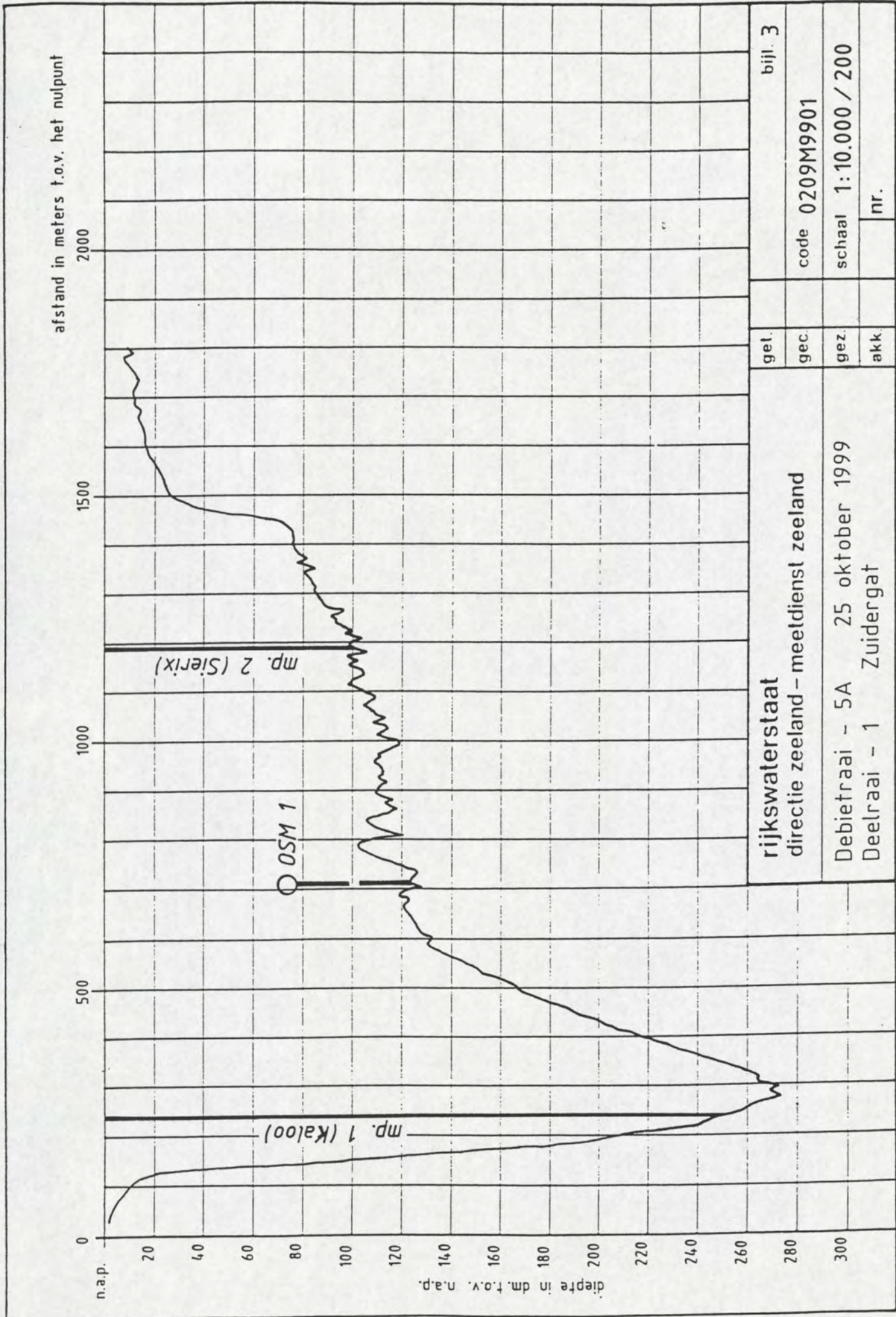
Situatie Debietraai - 5A
Sedimentmeting: 25 en 26 oktober 1999
Stroommeting: 20 oktober t/m 29 november 1999

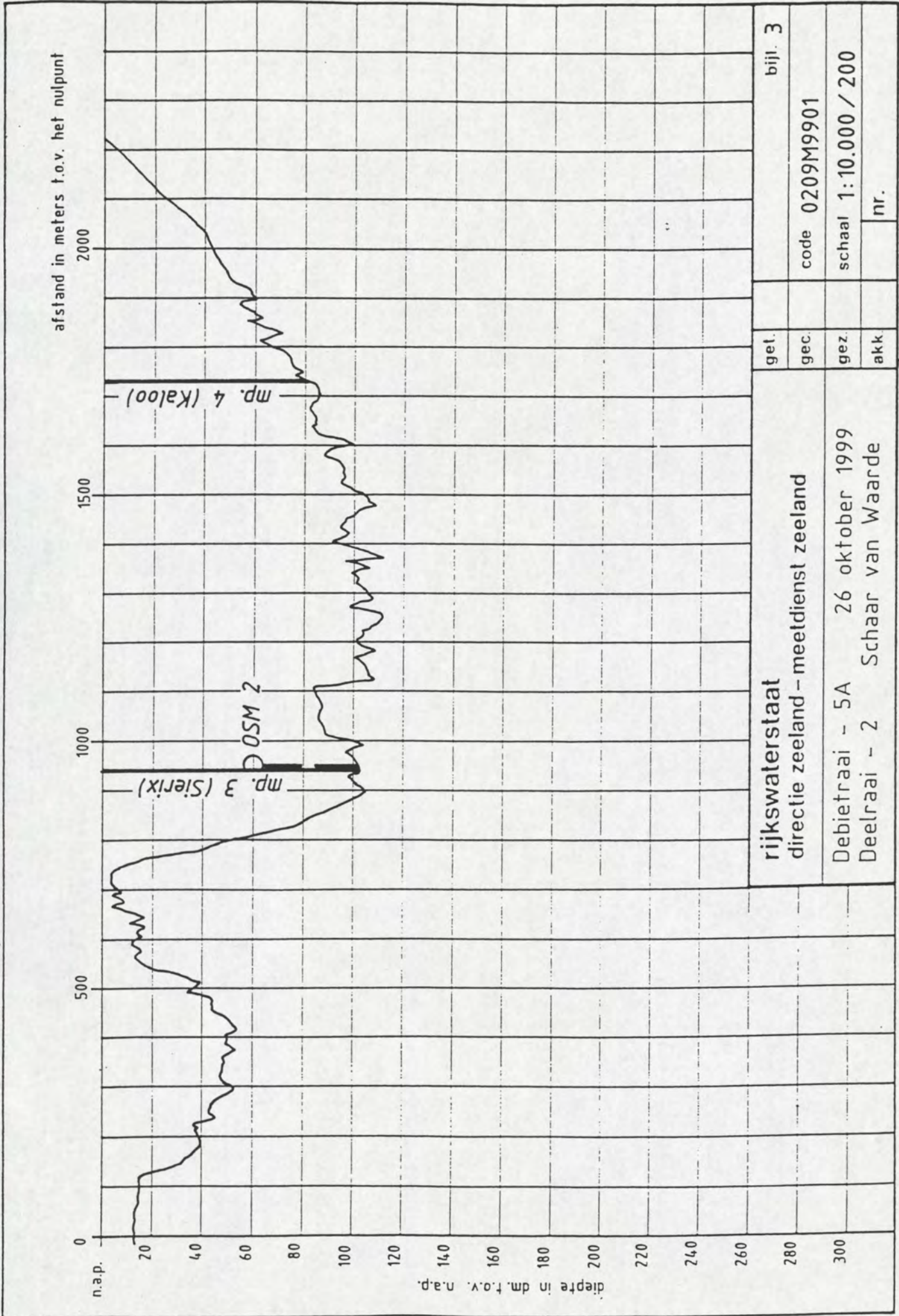
get.		bijl. 1
gec.	code	0209M9901
gez.	schaal	1:25.000
akk.		nr.

DEBIETRAAI 5a

0209 M 9901







rijkswaterstaat

directie zeeland – meetdienst zeeland

bijl. 3

get.

code 0209M9901

gec.

Debietraai - 5A 26 oktober 1999

schaal 1:10.000 / 200

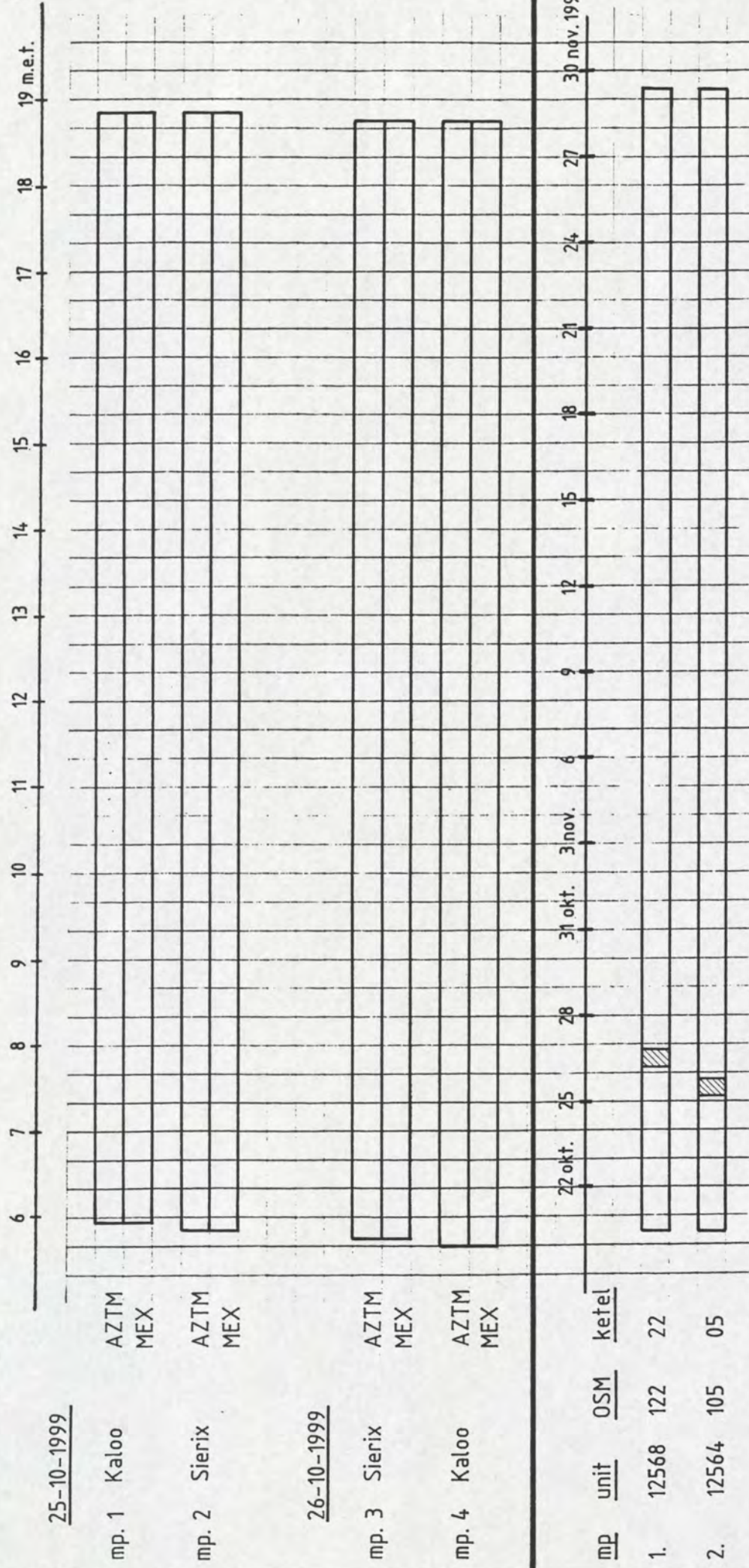
Deeltraai - 2 Schaar van Waarde



gez.

nr.

akk.

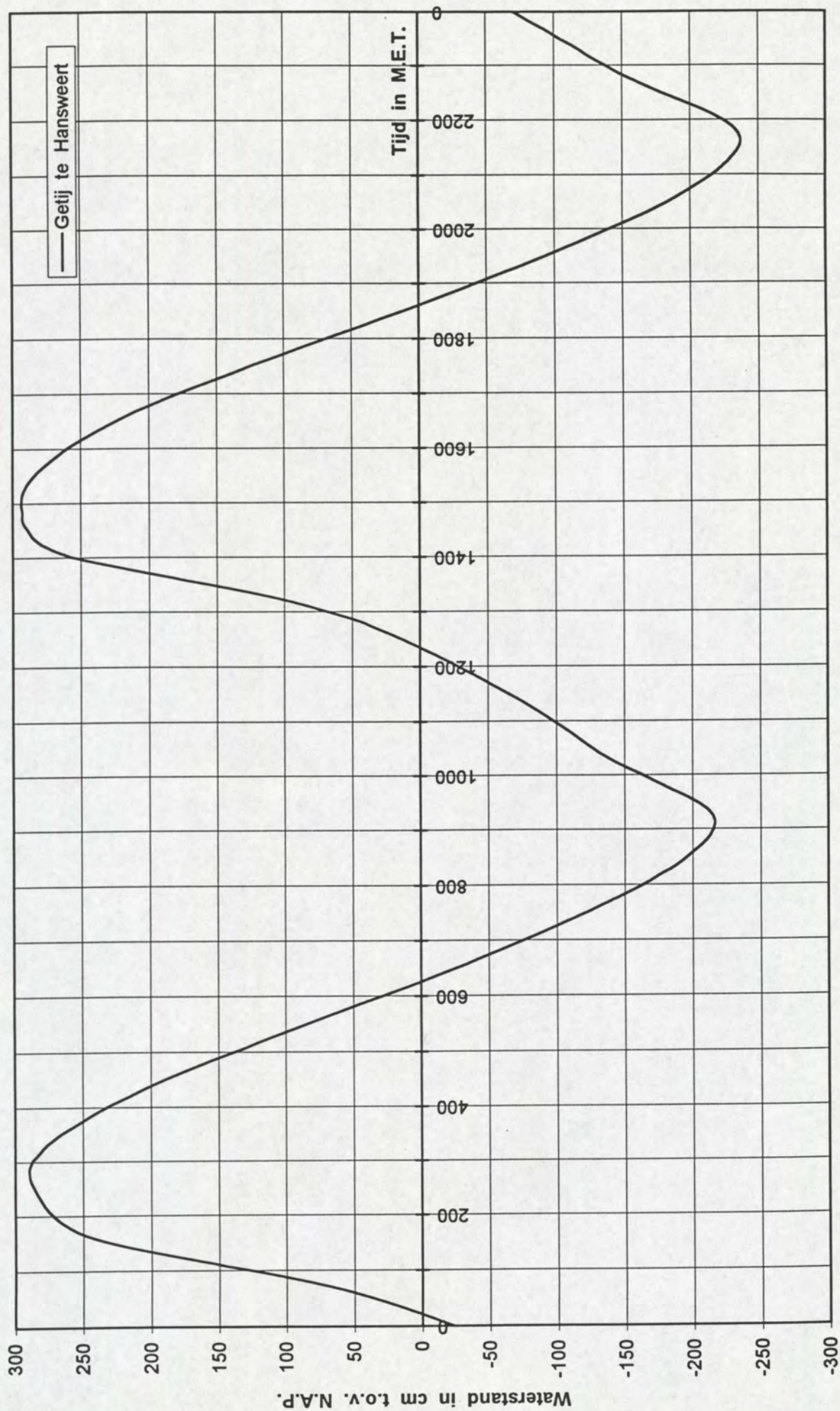
MEETRAAI: 5A



 storingen
 controlemeting

rijkswaterstaat		bijl. 4	
directie zeeland - meetdienst		code 0209 M9901	
OVERZICHT METINGEN d.d: 20 oktober t/m 29 november 1999		get.	
		gec.	
		gez.	
		akk.	nr.

Opgetreden getij te Hansweert op 25 oktober 1999



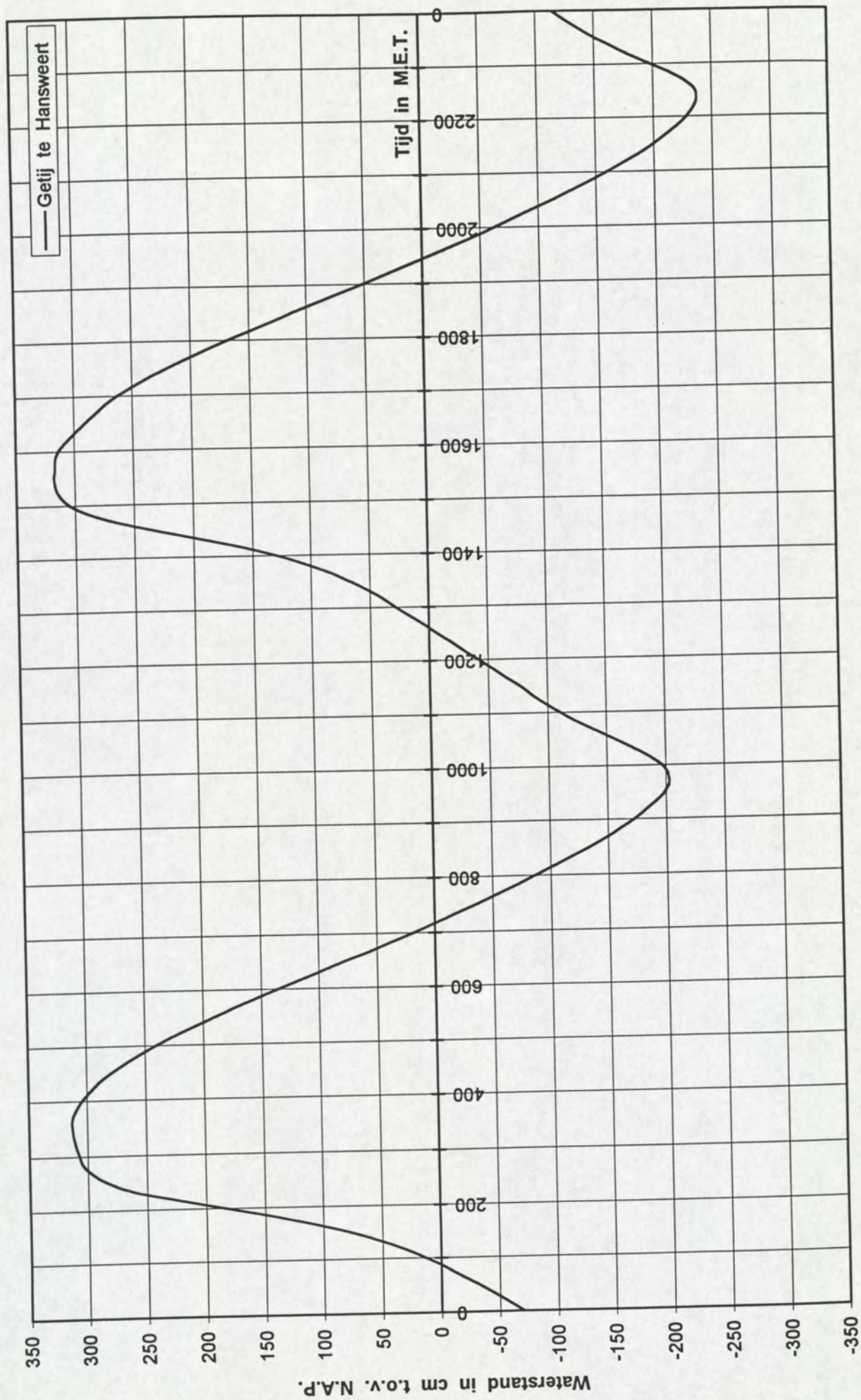
Hydro
Meteo
Centrum
Zeeland

van: ma 25-okt-1999
tot: ma 25-okt-1999
blad: 1 van 1

ma 25-okt-1999
HANS WTr2 1[cm/NAP]
gevalideerde waterstand RMI

MET	:00	:10	:20	:30	:40	:50
0:00	-23	-5	14	36	61	91
1:00	126	164	199	229	250	263
2:00	272	278	282	286	289	290
3:00	288	282	276	267	256	245
4:00	233	219	205	190	174	157
5:00	139	121	103	85	67	48
6:00	29	10	-7	-25	-42	-59
7:00	-75	-91	-106	-122	-136	-150
8:00	-163	-175	-187	-196	-204	-211
9:00	-215	-216	-212	-203	-190	-176
10:00	-163	-149	-137	-126	-117	-108
11:00	-98	-88	-77	-65	-53	-41
12:00	-28	-15	-1	13	29	46
13:00	68	92	121	155	191	225
14:00	255	273	284	289	293	293
15:00	294	293	290	285	278	270
16:00	261	250	238	225	211	195
17:00	179	161	143	125	106	88
18:00	69	50	31	12	-6	-24
19:00	-42	-59	-77	-93	-109	-125
20:00	-140	-155	-170	-183	-195	-206
21:00	-216	-224	-231	-236	-237	-233
22:00	-224	-211	-195	-179	-164	-150
23:00	-138	-126	-116	-104	-93	-81

Opgetreden getij te Hansweert op 26 oktober 1999



Hydro
Meteo
Centrum
Zeeland

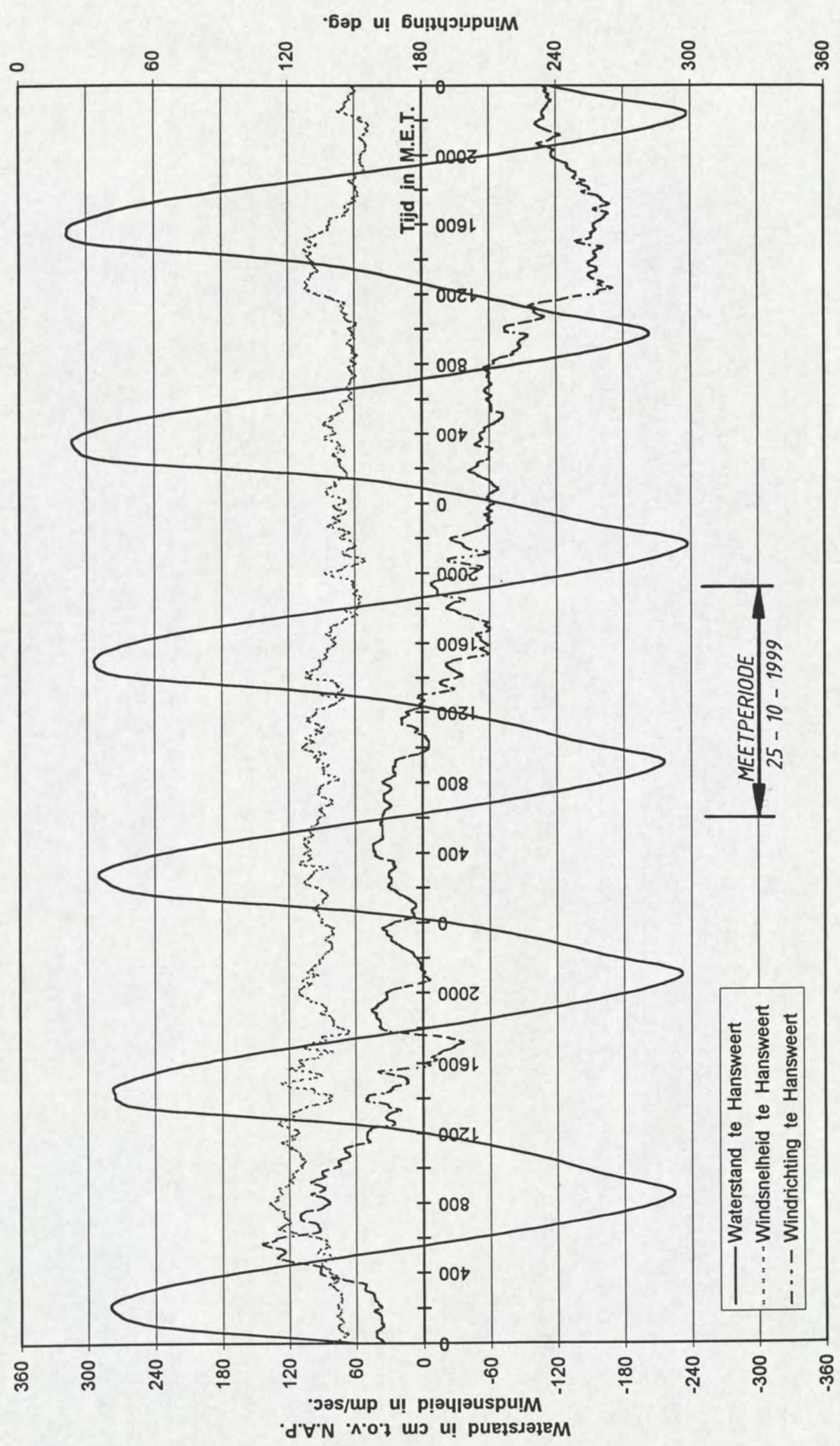
van: di 26-okt-1999
tot: di 26-okt-1999
blad: 1 van 1

di 26-okt-1999
HANS WTr2 1[cm/NAP]
gevalideerde waterstand RMI

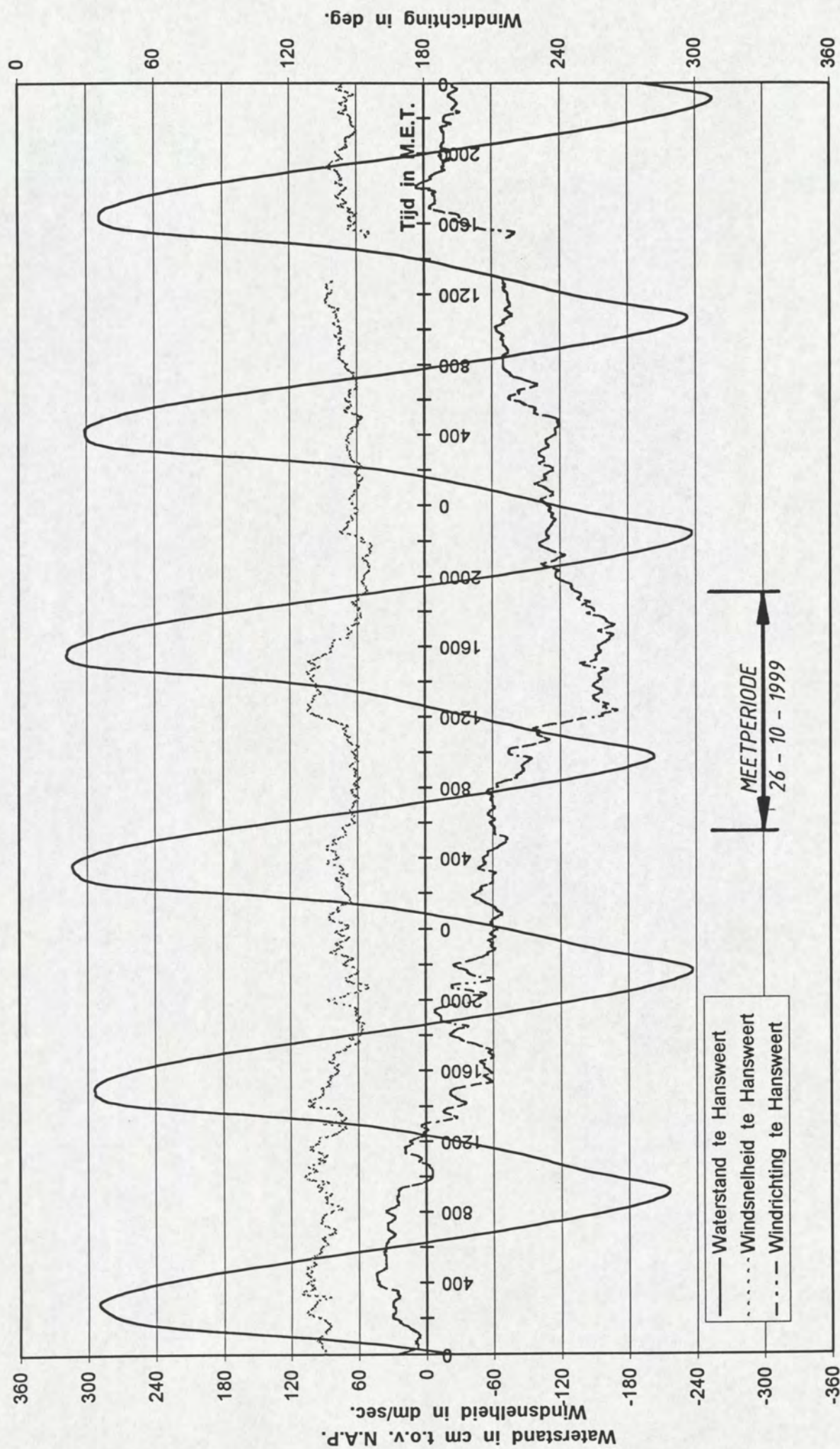
MET	:00	:10	:20	:30	:40	:50
0:00	-70	-58	-45	-32	-17	-3
1:00	13	30	51	75	106	142
2:00	183	224	261	283	296	304
3:00	307	310	312	313	313	310
4:00	305	298	290	280	268	255
5:00	241	226	209	192	174	155
6:00	136	116	97	78	57	38
7:00	19	1	-17	-36	-53	-70
8:00	-86	-102	-118	-133	-147	-160
9:00	-172	-182	-191	-199	-203	-202
10:00	-197	-186	-172	-156	-140	-124
11:00	-111	-98	-87	-77	-65	-54
12:00	-42	-30	-19	-7	4	16
13:00	28	39	52	67	84	105
14:00	129	159	194	231	264	289
15:00	305	313	317	318	317	317
16:00	314	308	300	292	283	274
17:00	263	250	236	220	204	187
18:00	169	150	131	112	92	72
19:00	52	33	14	-5	-24	-43
20:00	-61	-78	-95	-112	-128	-144
21:00	-159	-173	-187	-199	-210	-220
22:00	-228	-234	-237	-236	-228	-215
23:00	-198	-181	-165	-150	-137	-125

6. Wind- en getijgegevens

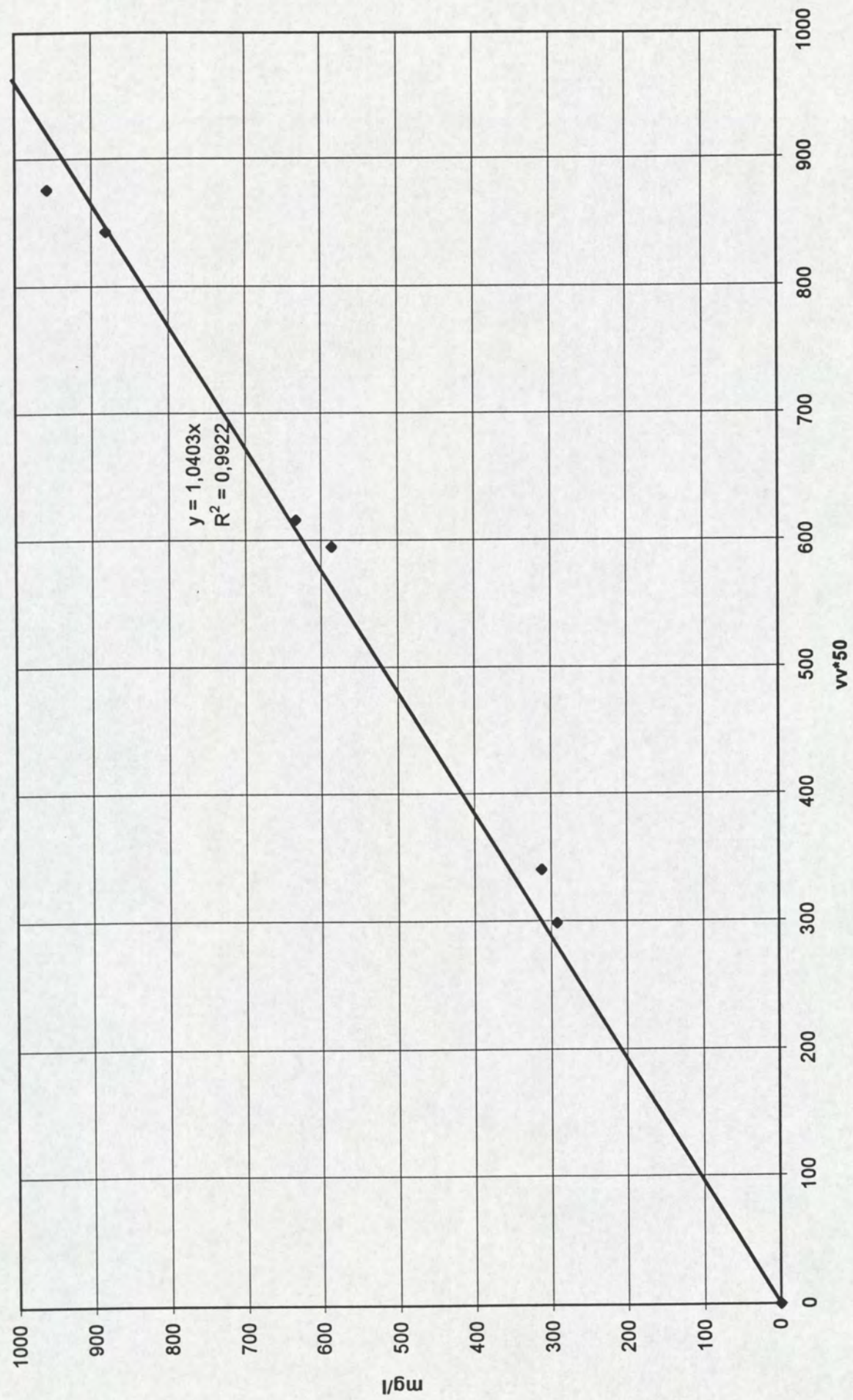
Getij en Wind gegevens van 24 t/m 26 oktober 1999



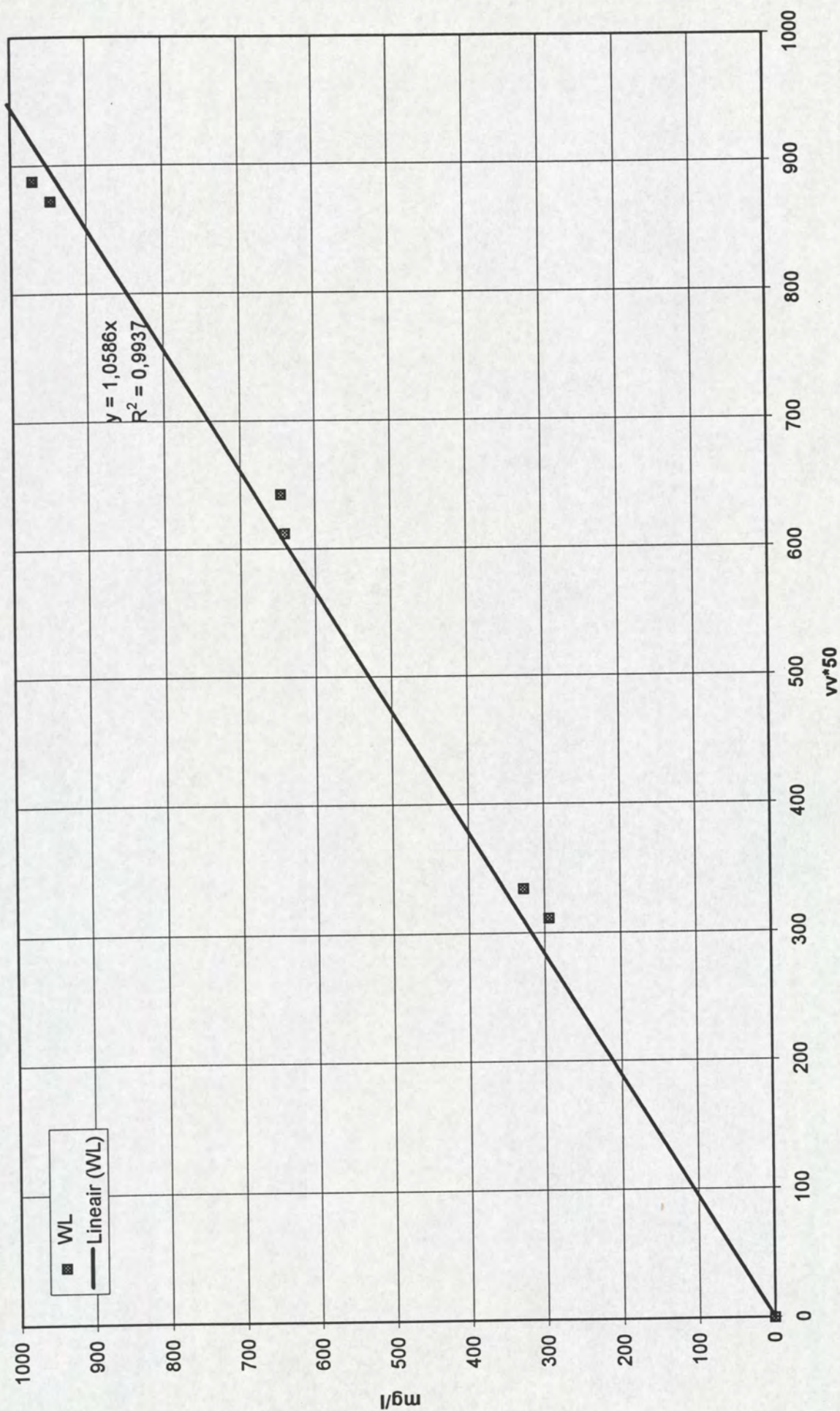
Getij en Wind gegevens van 25 t/m 27 oktober 1999



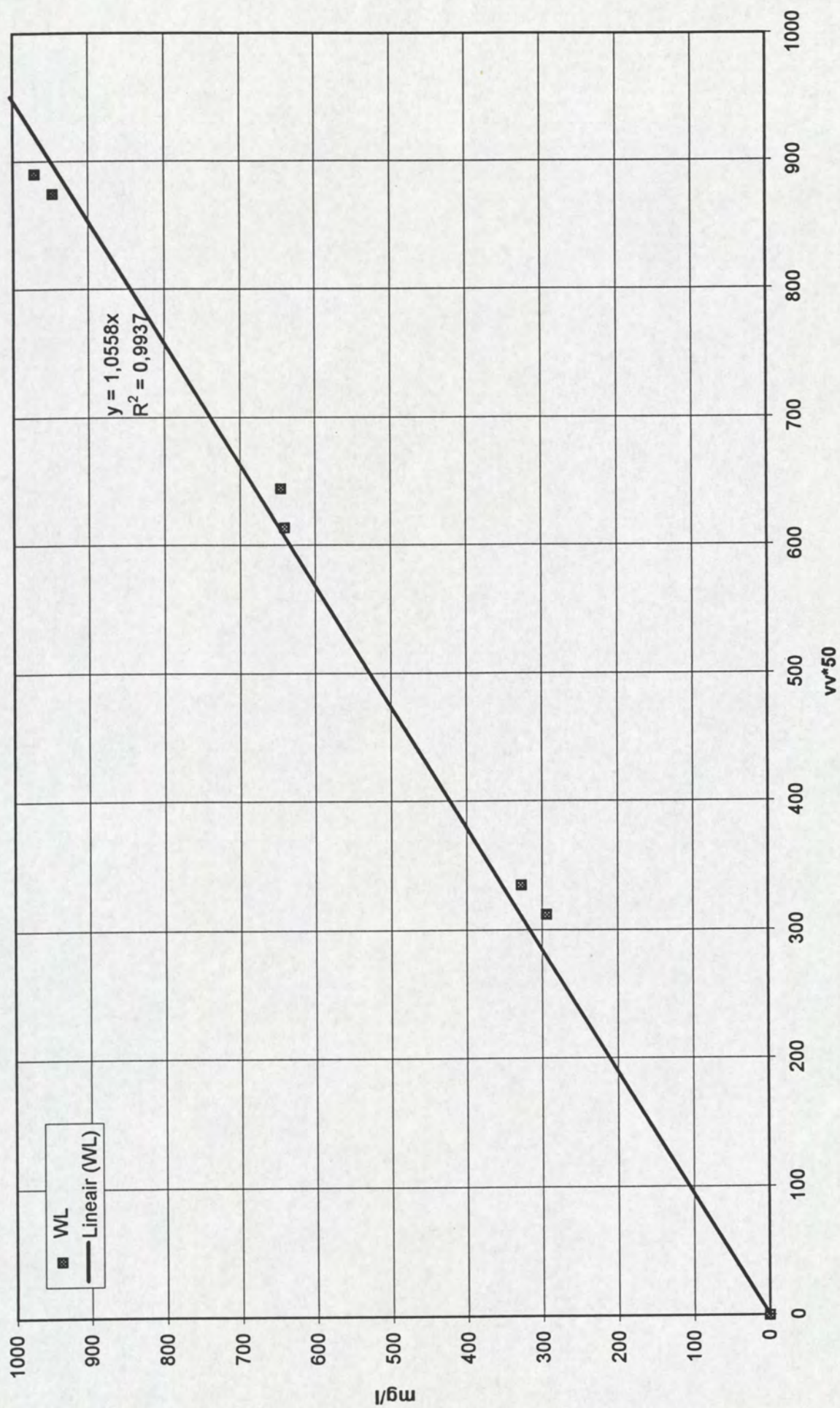
Kaloo 25 oktober 1999
raai 5A meetpunt 1
AZTM-nr. 005



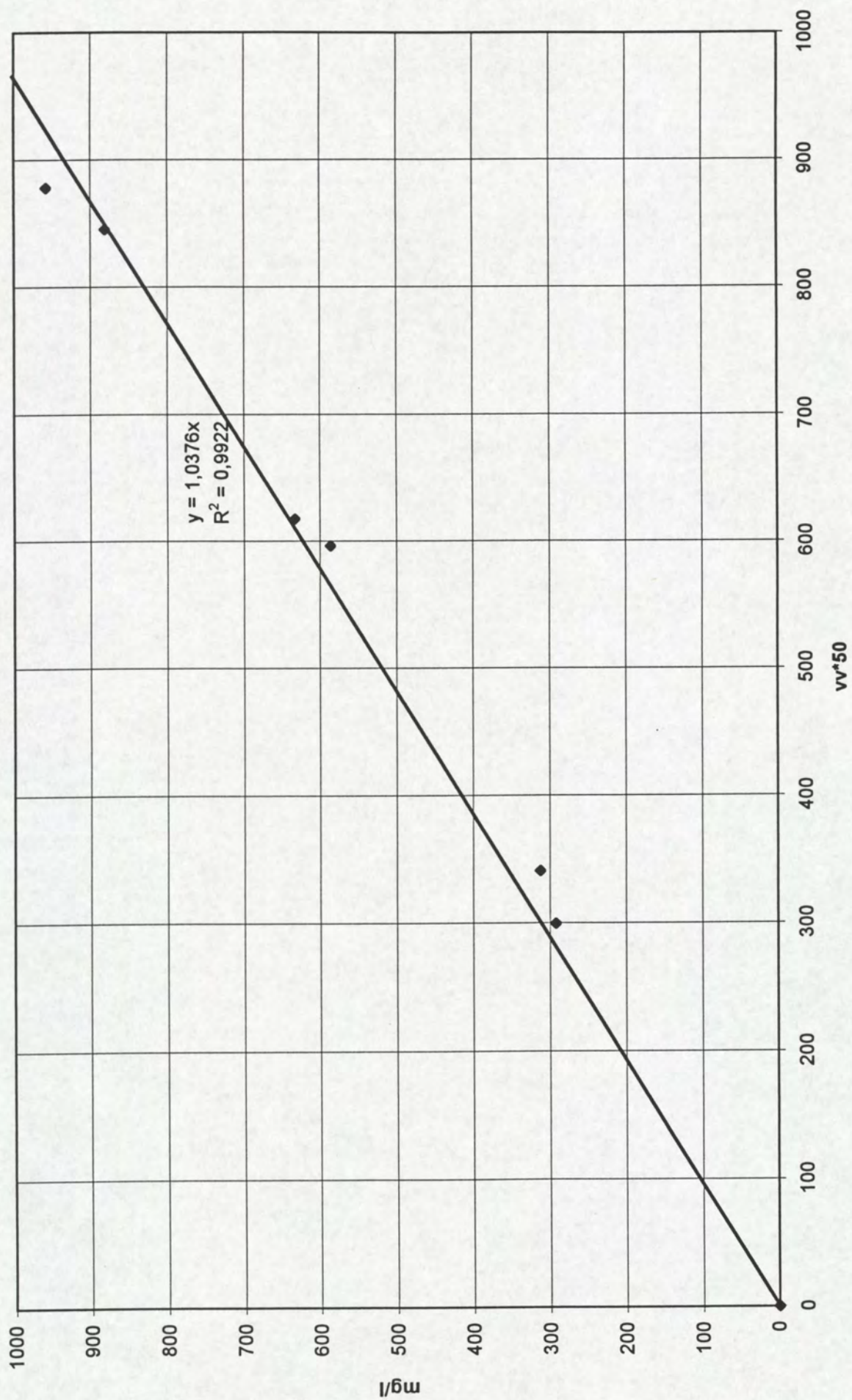
Sierix 25 oktober 1999
raai 5A meetpunt 2
AZTM-nr. 007



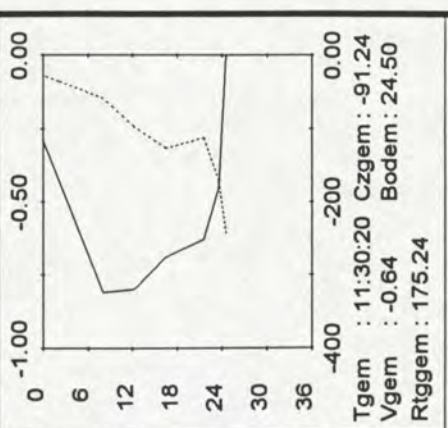
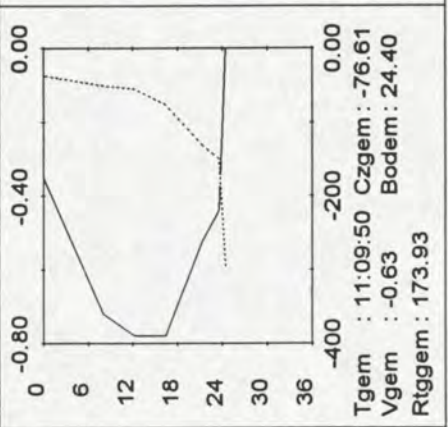
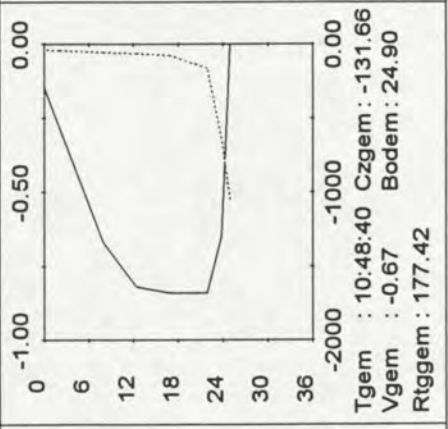
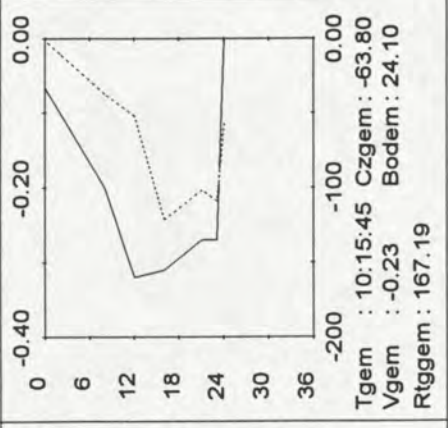
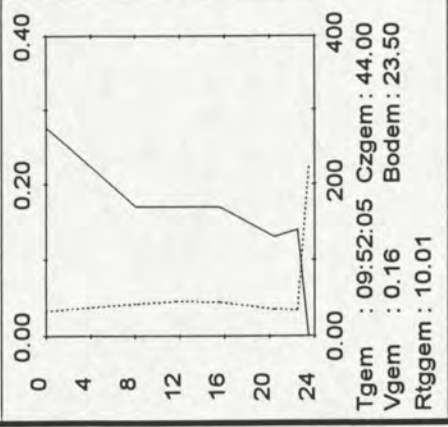
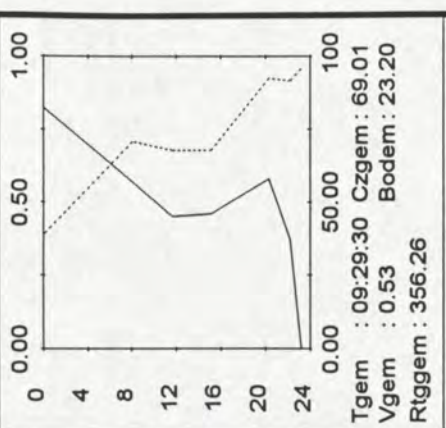
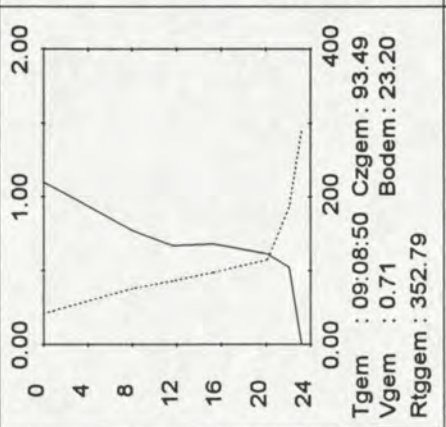
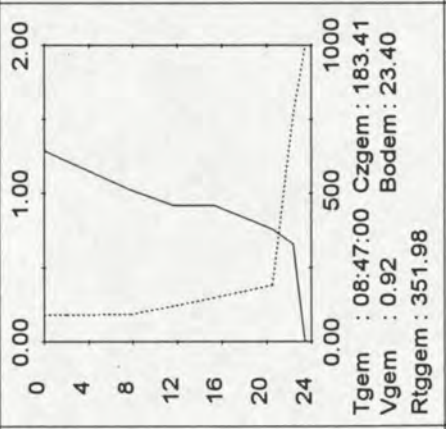
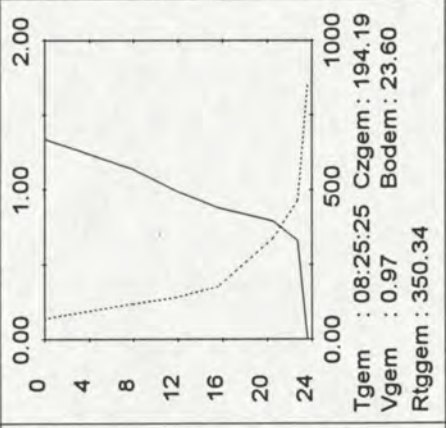
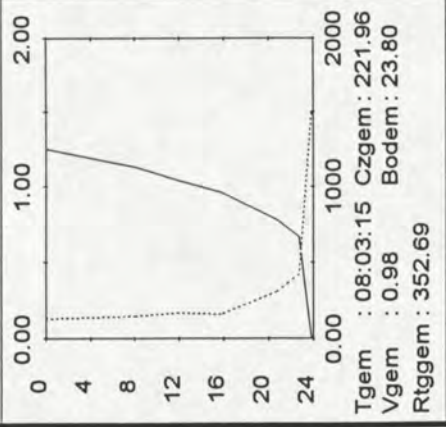
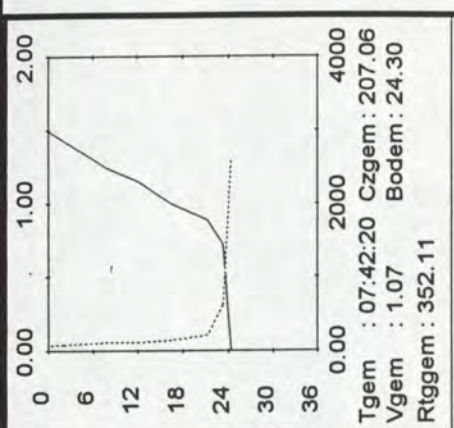
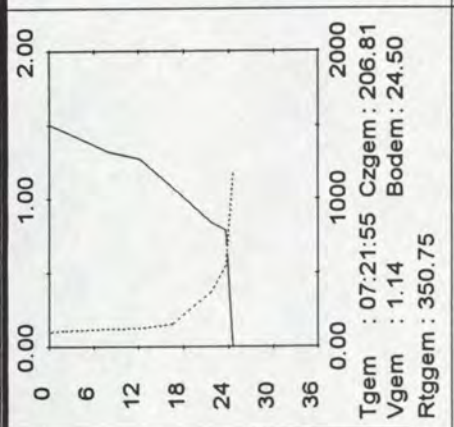
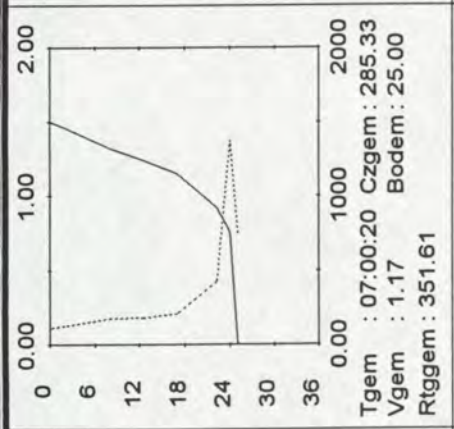
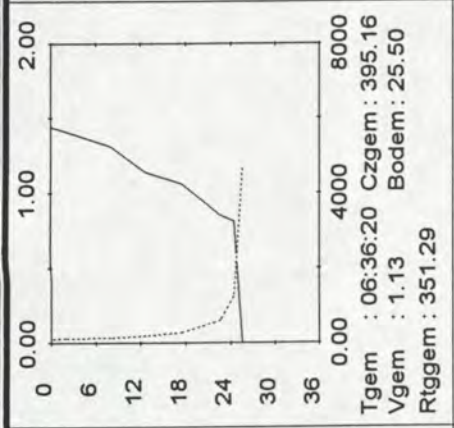
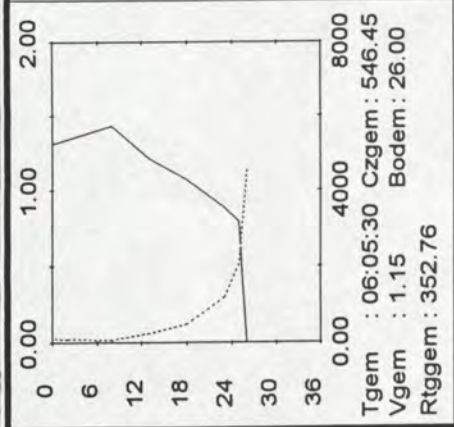
Sierix 26 oktober 1999
raai 5A meetpunt 3
AZTM-nr. 007



Kaloo 26 oktober 1999
raai 5A meetpunt 4
AZTM-nr. 005



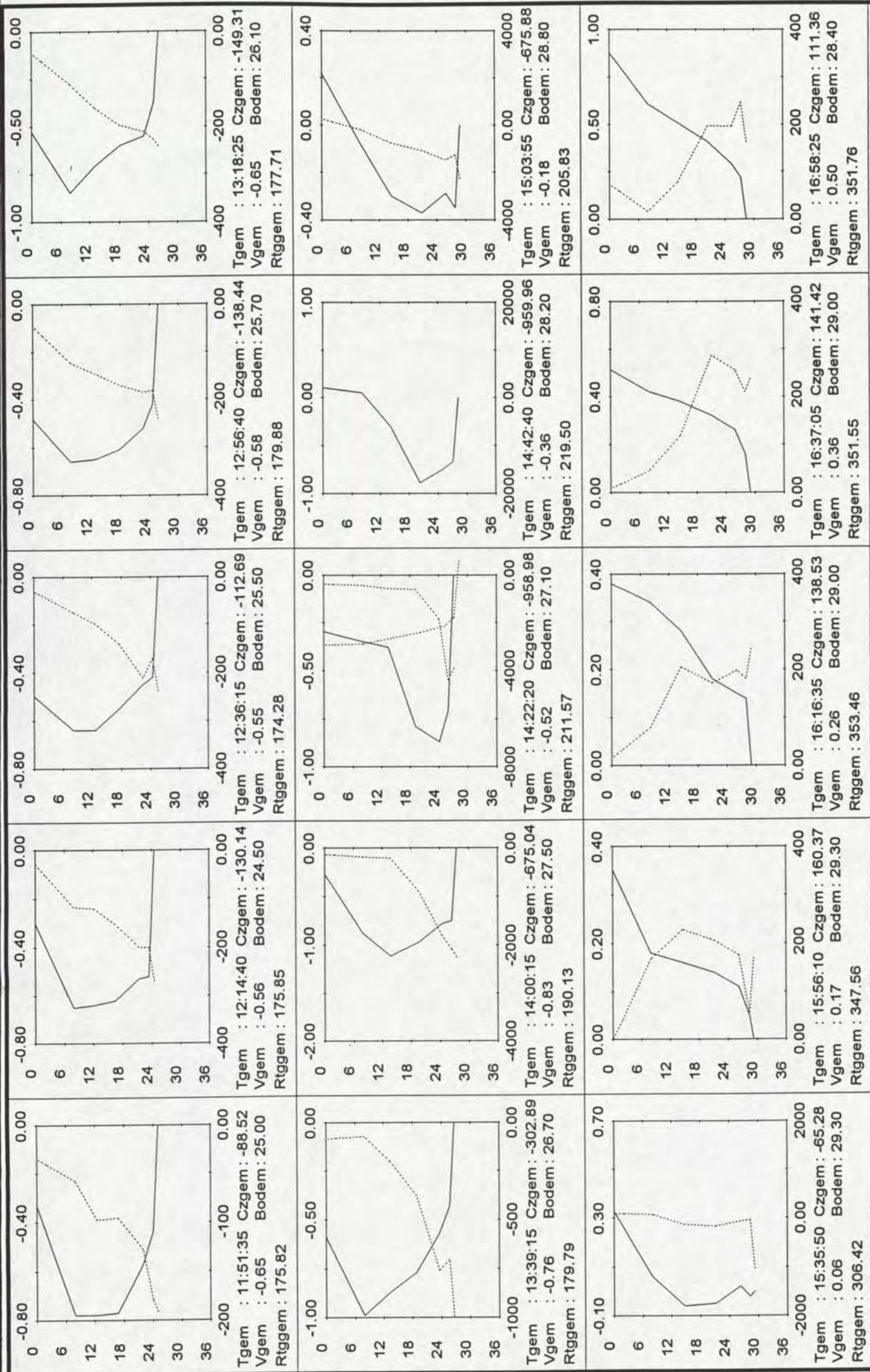
8. Vertikalen zandconcentratie

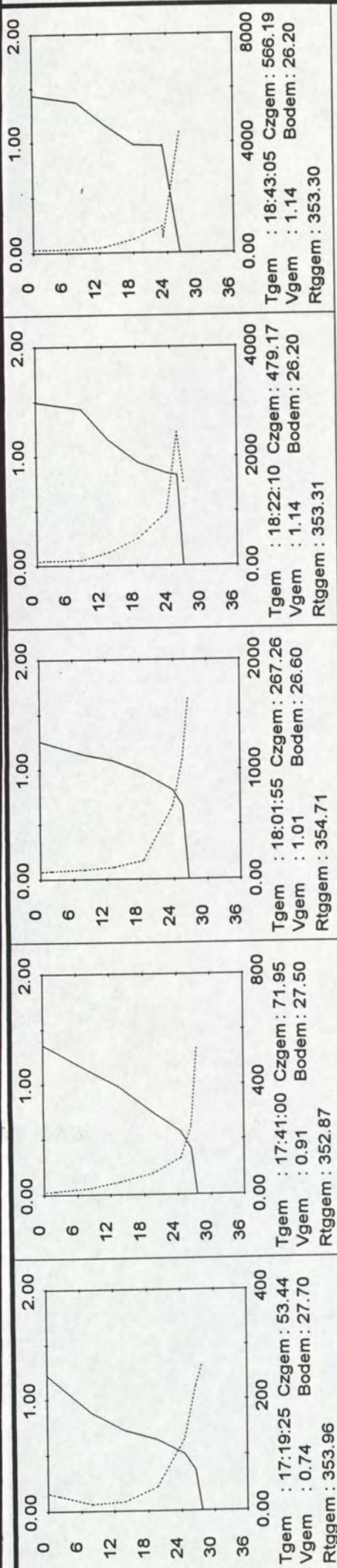


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raaienaar : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

Gemiddelde tijd in uur:min:sec.
Czegem : Gemiddelde STROOMSHRZT in m/s Y as
ZANDCONCENTR : Gemiddelde STROOMSHRZT in cm/s
X as onder : ZANDCONCENTR in mg/l





Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

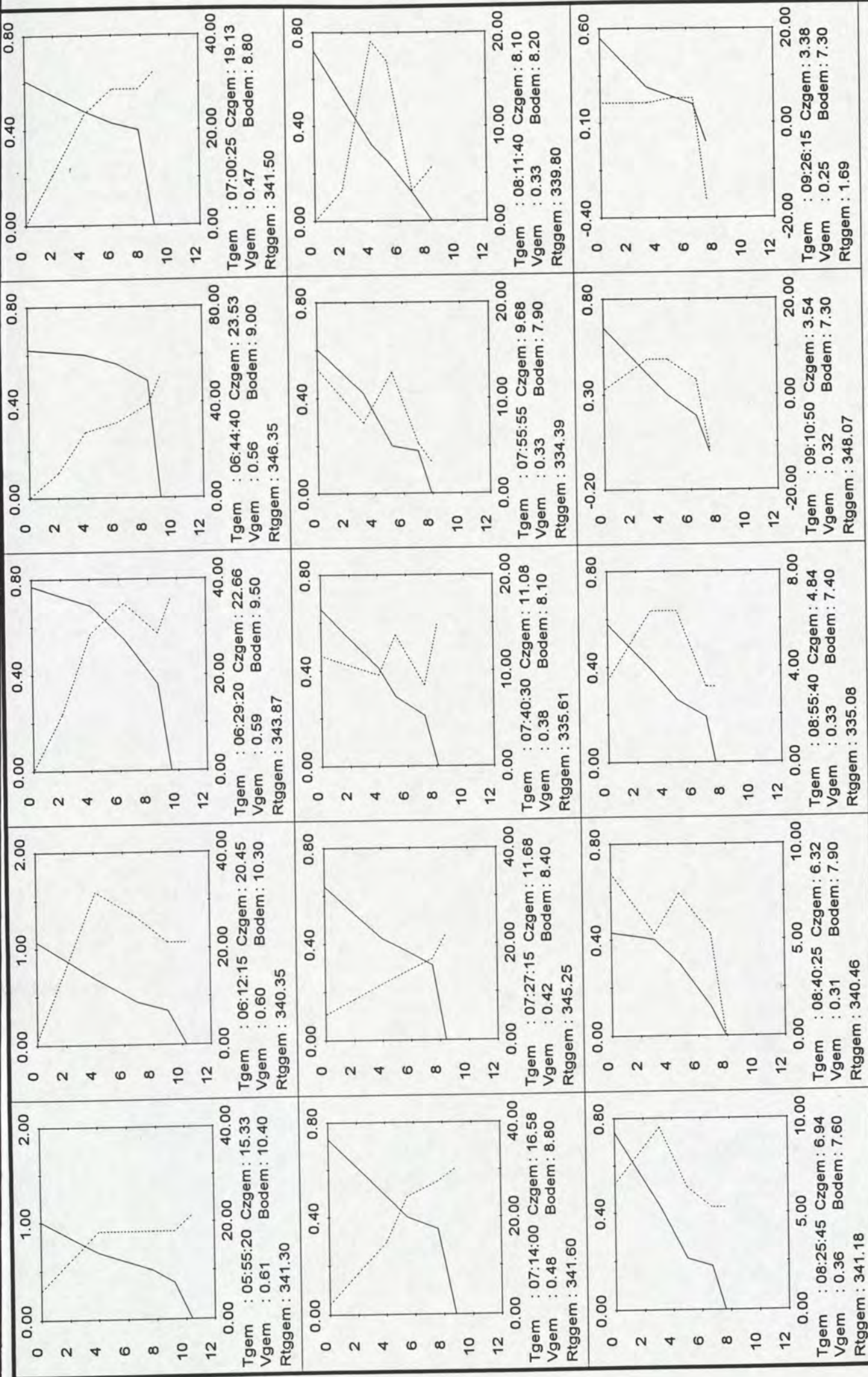
Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

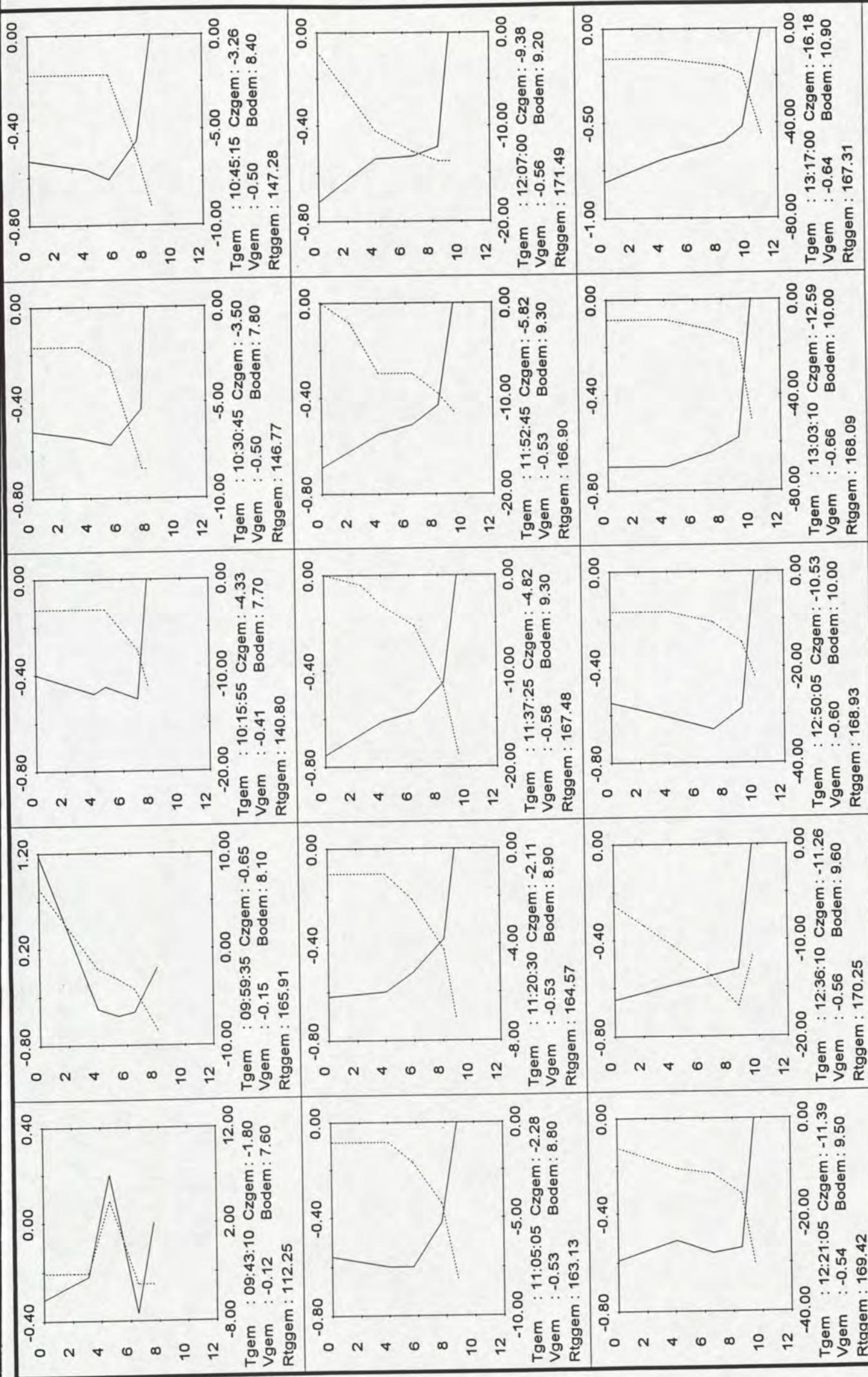
Tgem
Vgem
Rtggem
Bodem

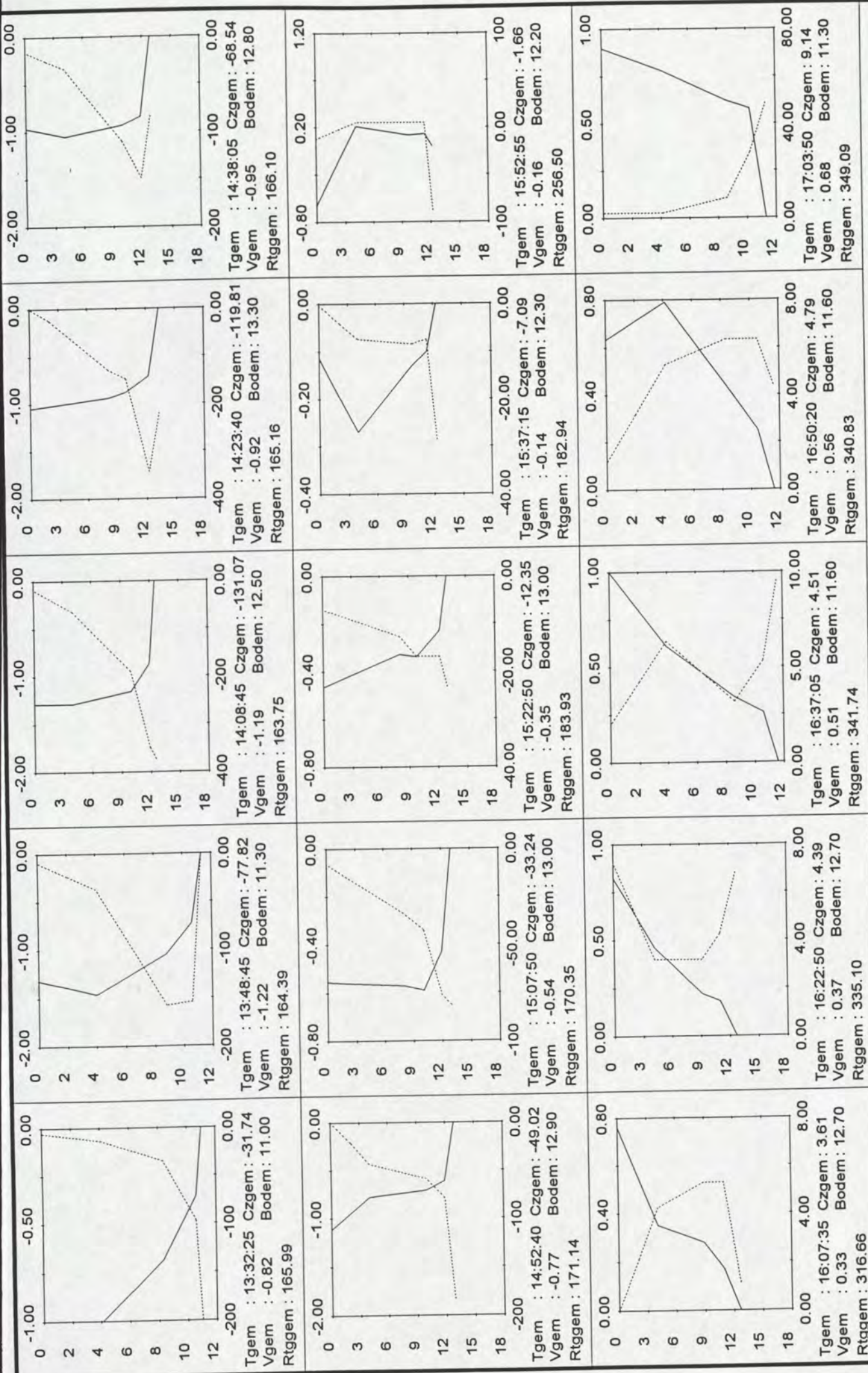
: Gemiddelde tijd in uur:min:sec.
: Gemiddelde STROOMSHRZT in m/s Y as
: Gemiddelde STROOMRTG in deg(360) X as boven
: Bodemhoogte in M

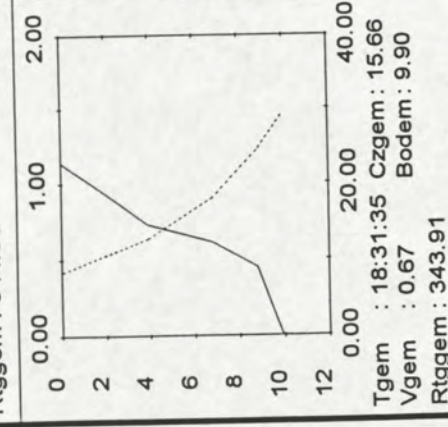
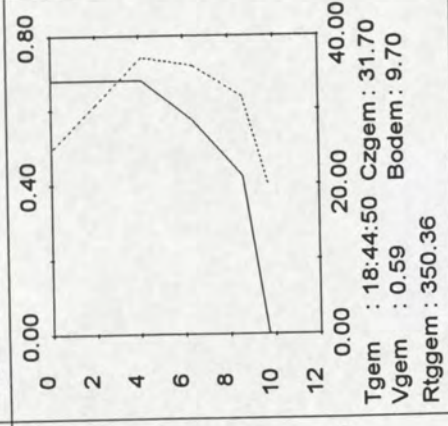
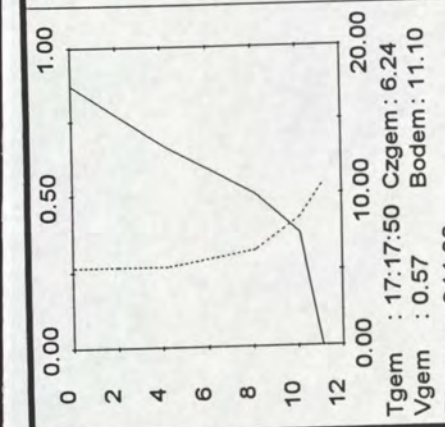
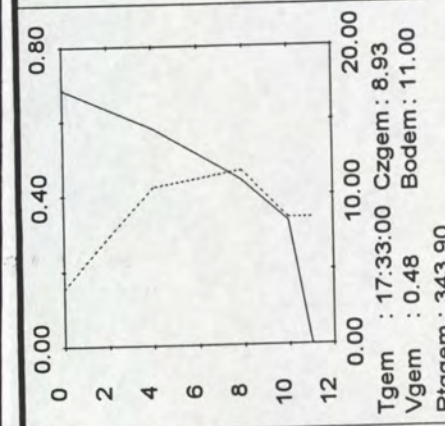
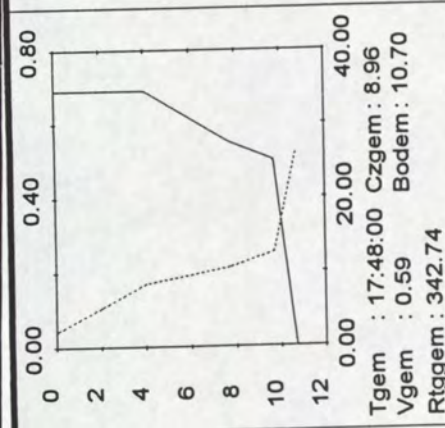
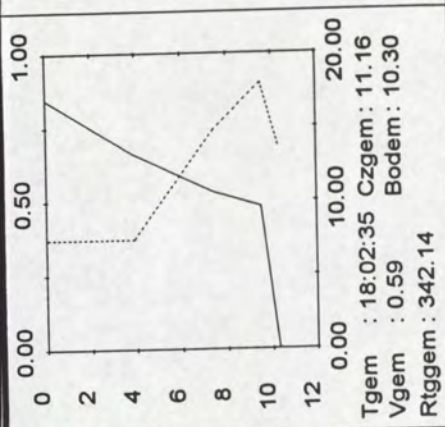
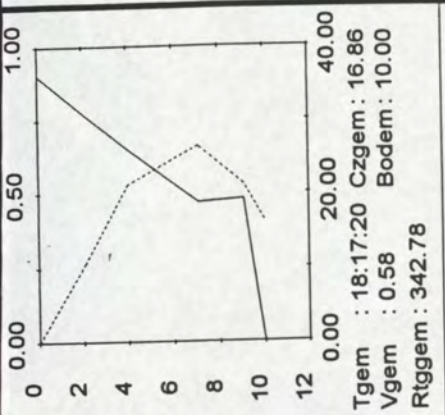
: Gemiddelde ZANDCONCENTR in mg/l
: Diepte in M
: STROOMSHRZT in cm/s
: ZANDCONCENTR in mg/l

STROOMSHRZT
ZANDCONCENTR

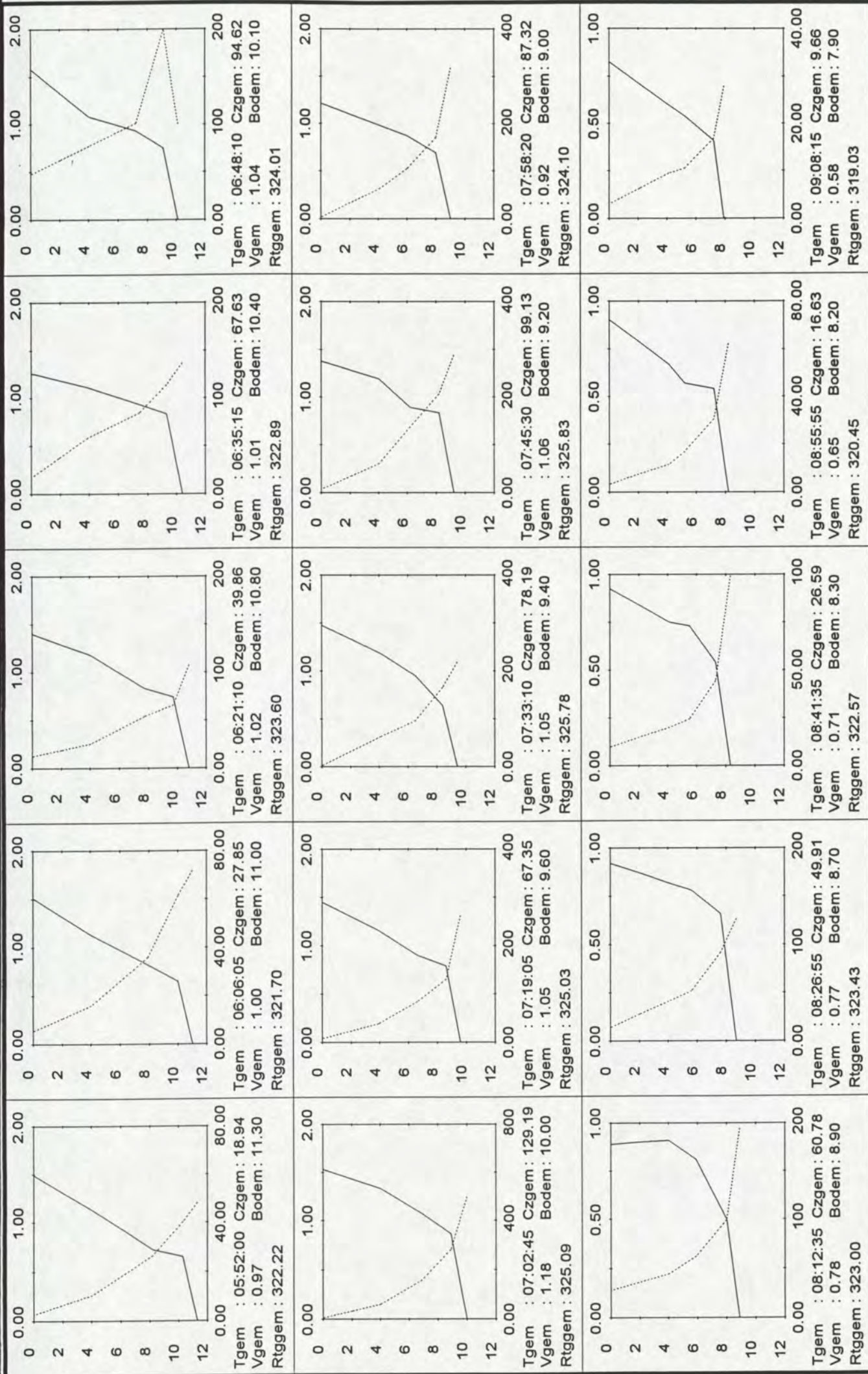




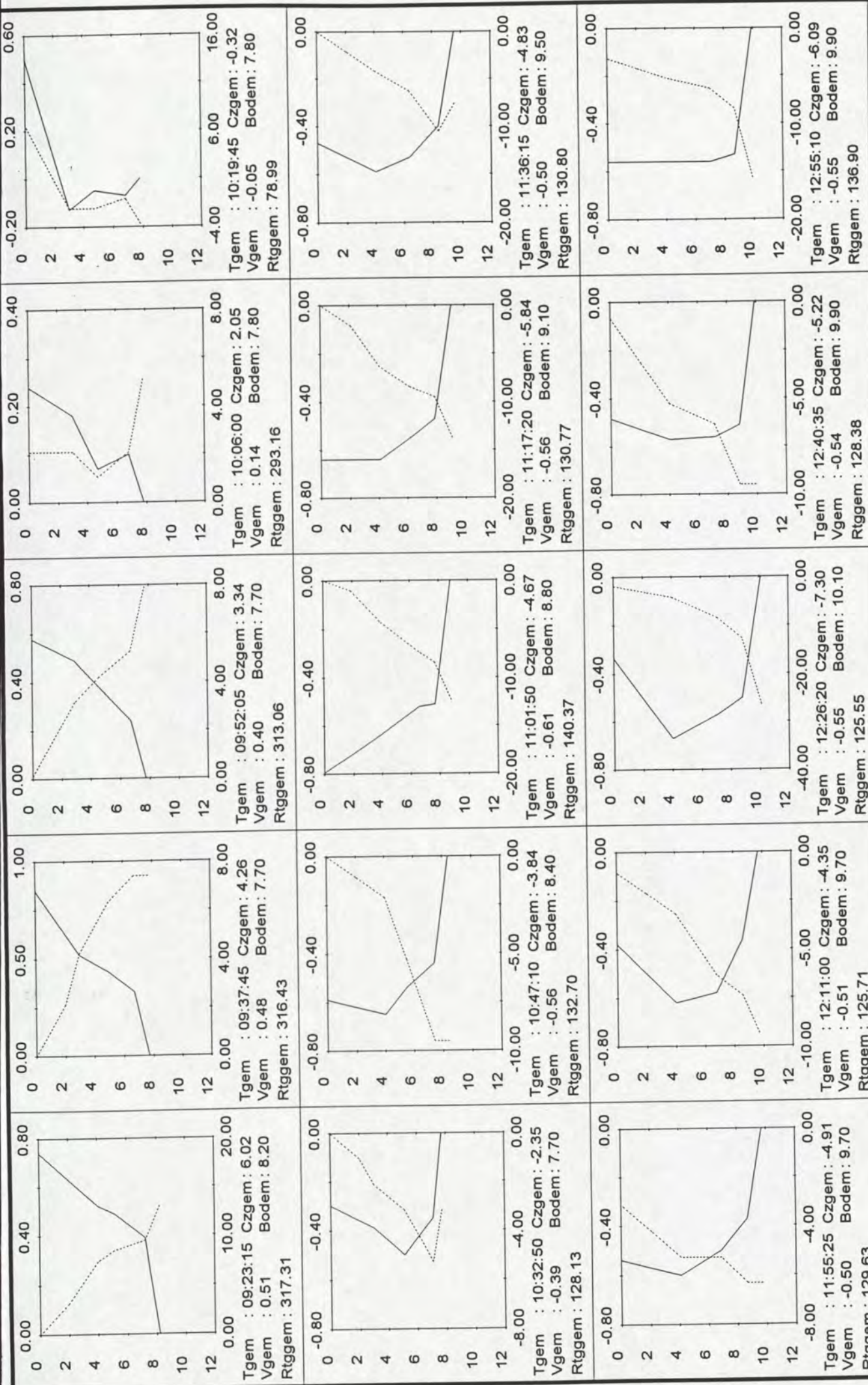




Rijkswaterstaat Directie Zeeland Meetdienst Zeeland				STROOMSHRZT ZANDCONCENTR			
Raanaam	: DebietraasA1	Tgem		: Gemiddelde ZANDCONCENTR in mg/l			
Datum Opname	: 25/10/1999	Vgem		: Diepte in M			
Streefvoetmaat	: 1189	Rtgem		: STROOMSHRZT in cm/s			
Vaartuig	: SierixMP2	Bodem		: ZANDCONCENTR in mg/l			
				: Gemiddelde tijd in uu:min:sec.			
				: Czgem			
				: Gemiddelde STROOMSHRZT in m/sY as			
				: Gemiddelde STROOMRTG in deg(360X as boven			
				: Bodemhoogte in M			
				: X as onder			



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raainaan : Debietraal5A2	Tgem	Czgem		Gemiddelde ZANDCONCENTR in mg/l	STROOMSHRZT
	Datum Opname : 26/10/1999	Vgem	Czgem		Diepte in M	ZANDCONCENTR
	Streefvoetmaat : 940	Rtgem	Czgem		STROOMSHRZT in cm/s	
	Vaartuig : SierixMP3	Bodem	Czgem		X as onder : ZANDCONCENTR in mg/l	



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

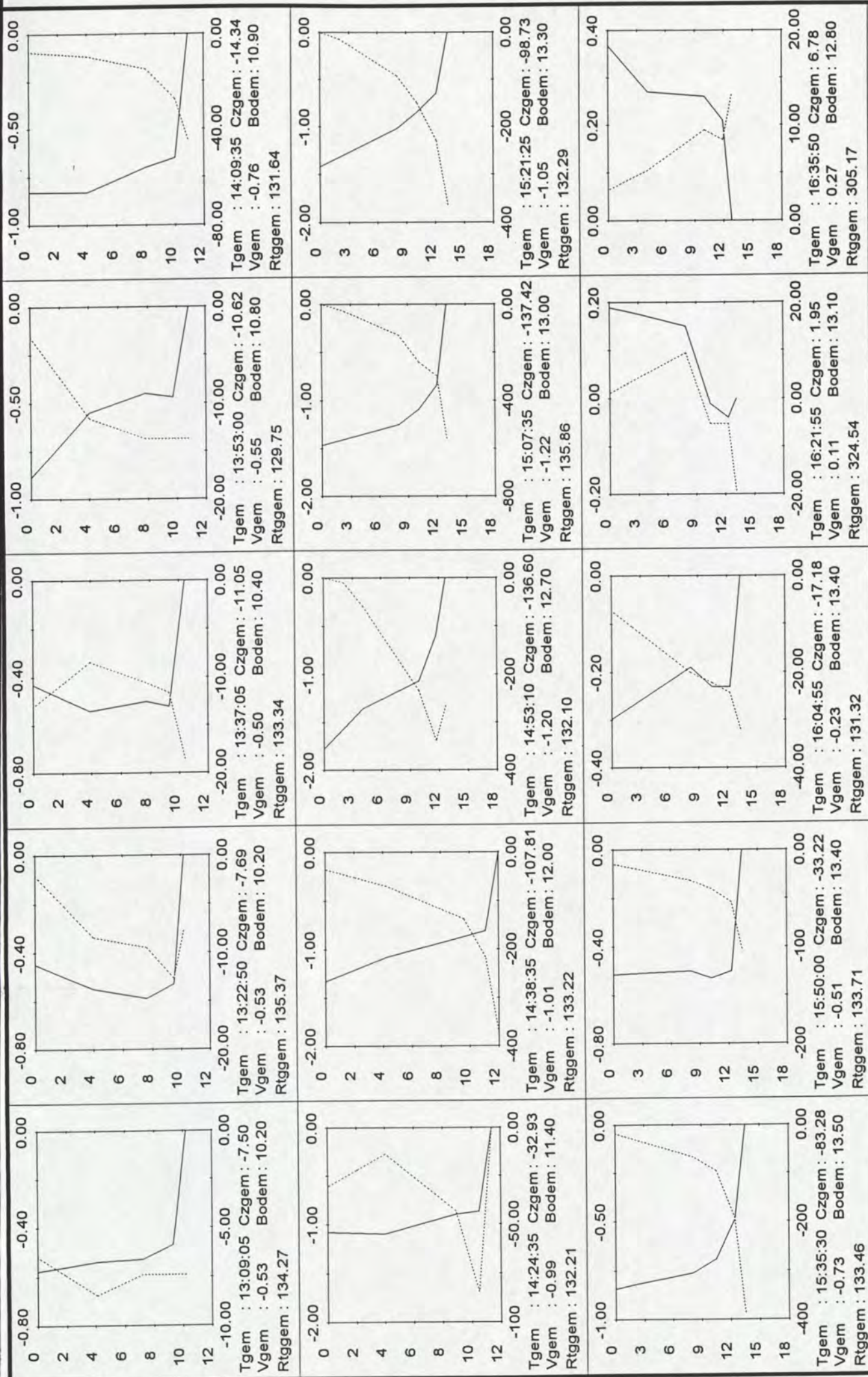
Raai naam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

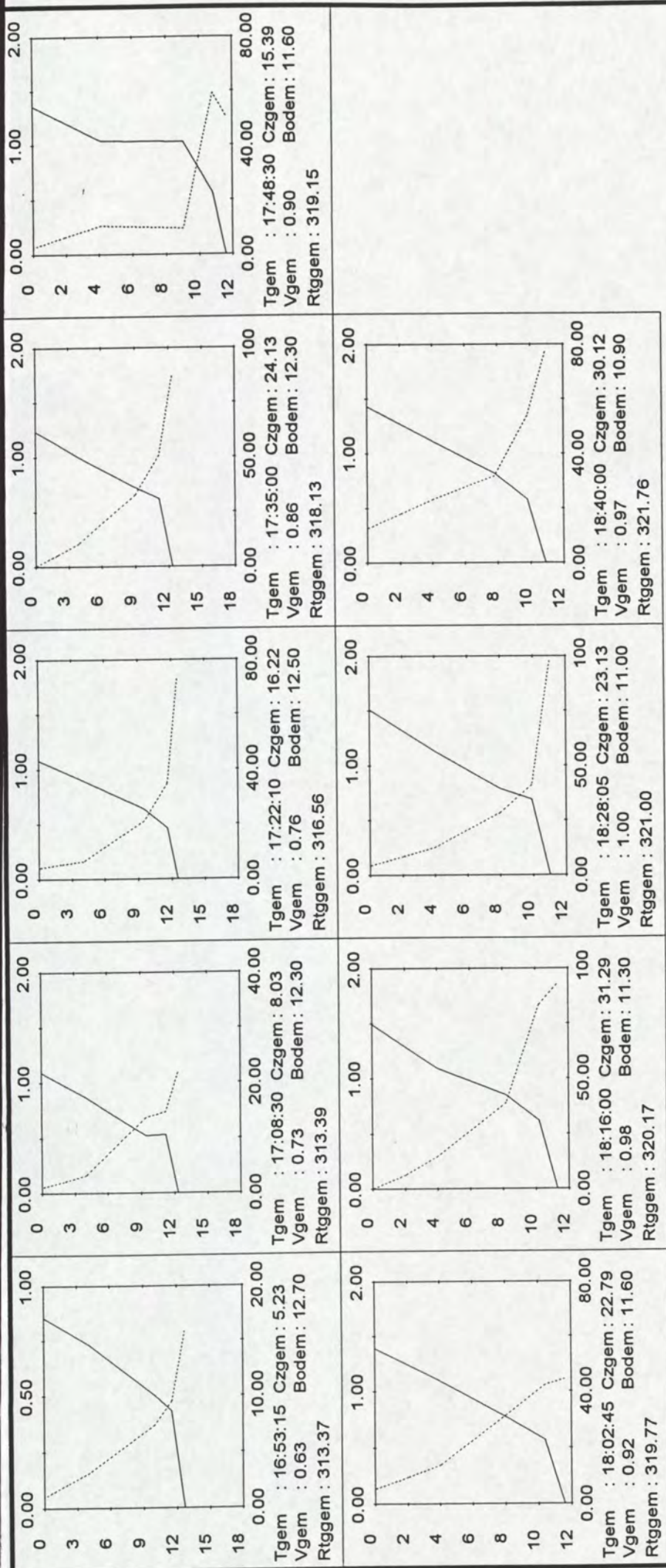
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Gemiddelde STROOMSHRZT in m/sY as
Gemiddelde STROOMRTG in deg(360X as boven
Bodemhoogte in M

Czgem :
Diepte in M
STROOMSHRZT in cm/s
ZANDCONCENTR in mg/l

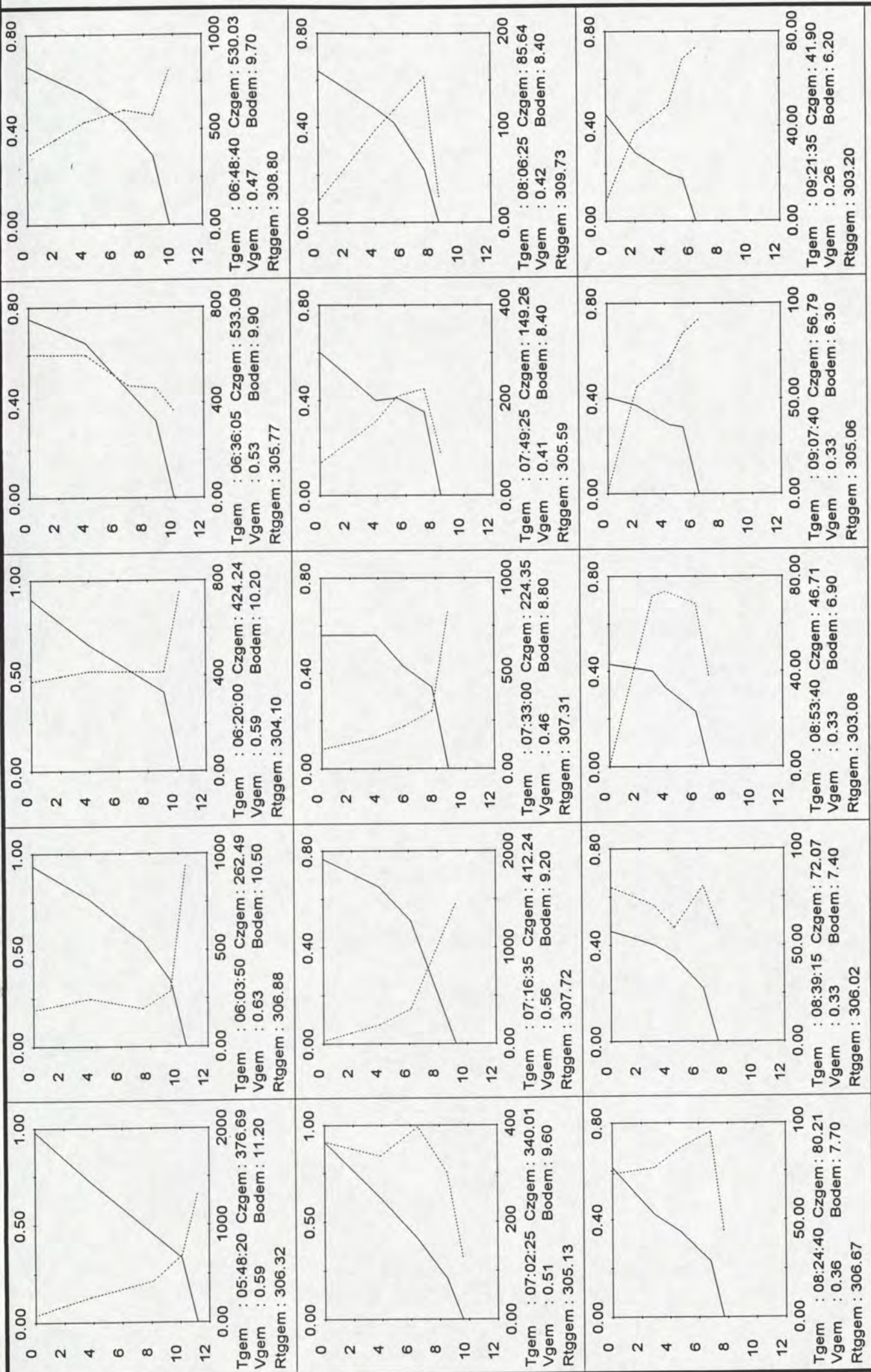
X as onder

STROOMSHRZT
ZANDCONCENTR

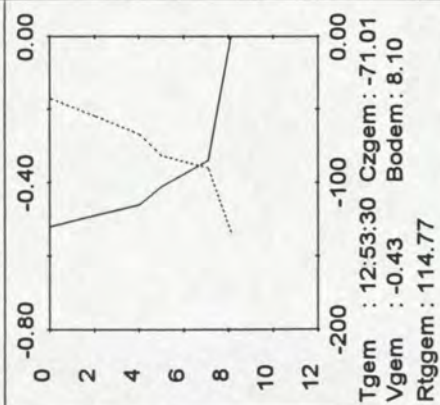
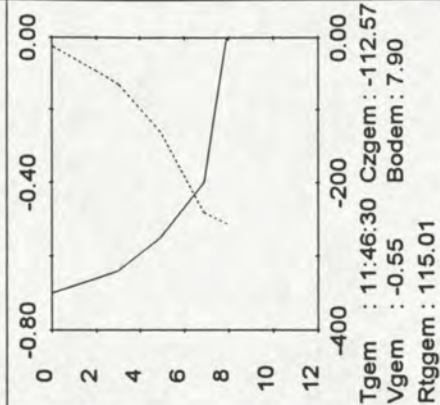
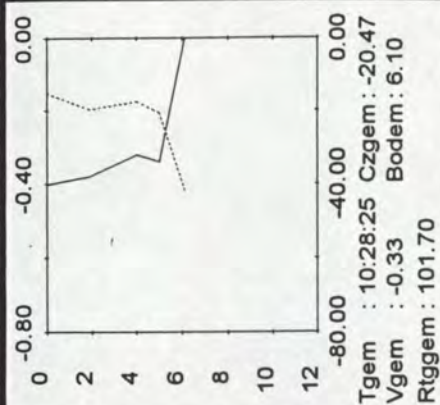
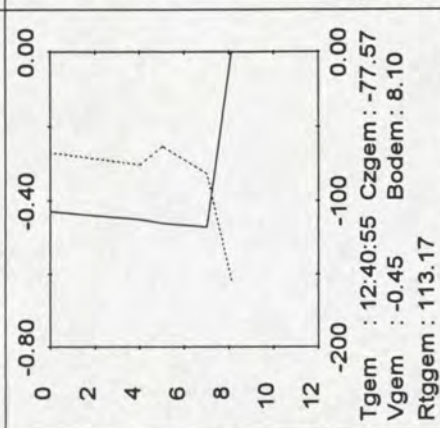
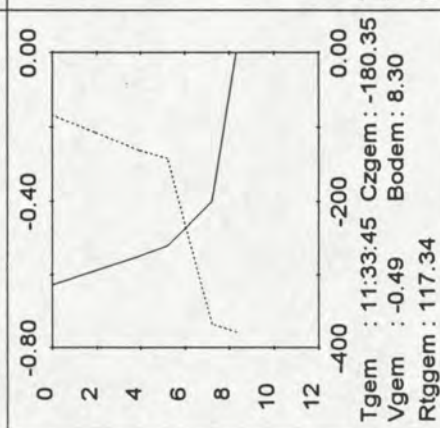
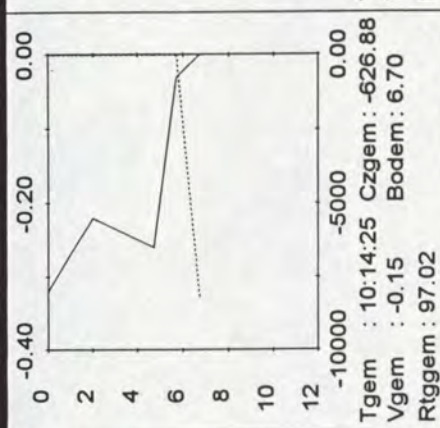
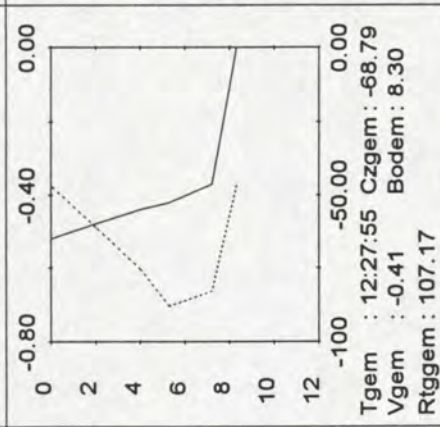
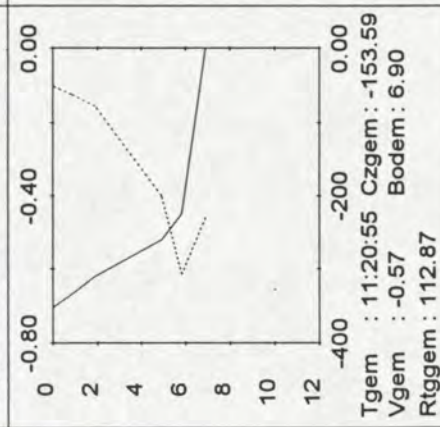
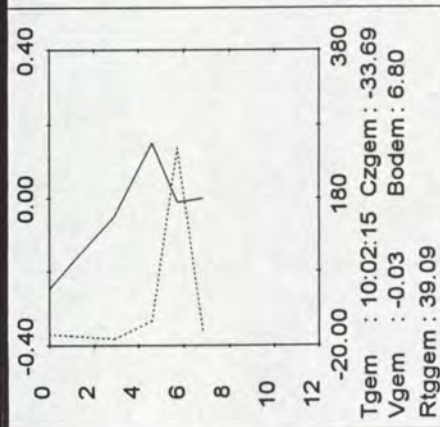
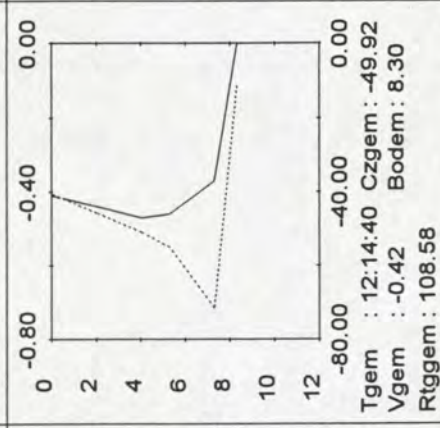
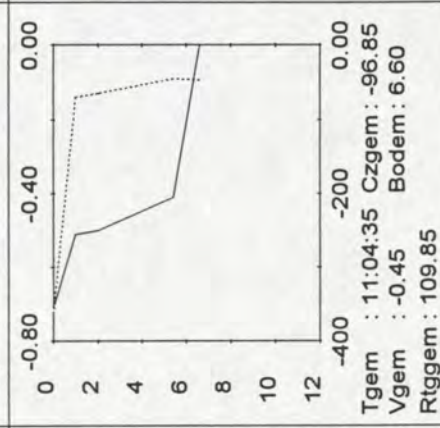
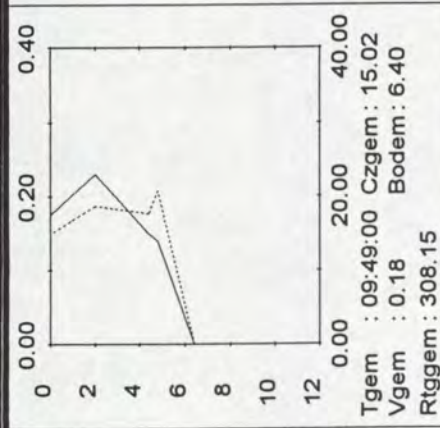
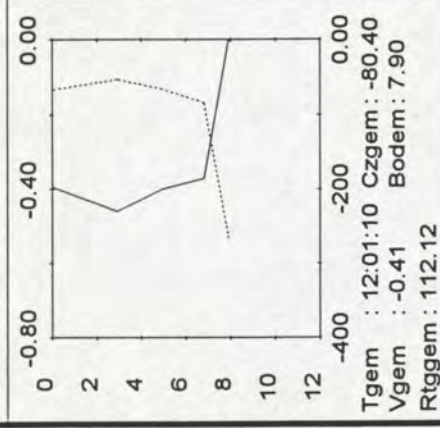
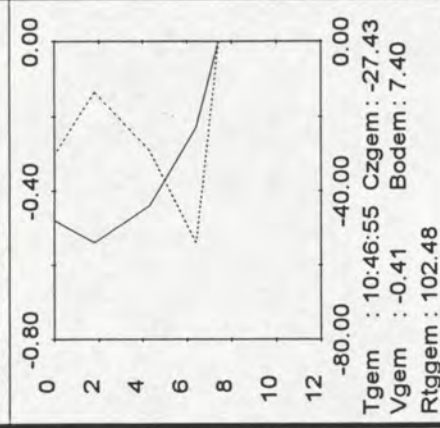




Rijkswaterstaat Directie Zeeland Meetdienst Zeeland			Raai naam : Debietraai5A2 Datum Opname : 26/10/1999 Streefvoetmaat : 940 Vaartuig : SierixMP3	Tgem Vgem Rtggem Bodem	: Gemiddelde tijd in uur:min:sec. : Gemiddelde STROOMSHRZT in m/sY as : Gemiddelde STROOMRTG in deg(360X as boven : Bodemhoogte in M	Czgem : Diepte in M : STROOMSHRZT in cm/s : ZANDCONCENTR in mg/l	: Gemiddelde ZANDCONCENTR in mg/l	STROOMSHRZT ZANDCONCENTR
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Rijkswaterstaat		STROOMSHHRZT	
Directie Zeeland		ZANDCONCENTR	
Meetdienst Zeeland			
Raai naam	: Debietraai5A2	Tgem	
Datum Opname	: 26/10/1999	Vgem	
Streefvoetmaat	: 1718	Rtggem	
Vaartuig	: KalooMP4	Bodem	
			: Gemiddelde tijd in uur:min:sec.
			: Gemiddelde STROOMSHHRZT in m/s/Y as
			: Gemiddelde STROOMRTG in deg(360X as boven
			: Bodemhoogte in M
			: Gemiddelde ZANDCONCENTR in mg/l
			: Diepte in M
			: STROOMSHHRZT in cm/s
			: ZANDCONCENTR in mg/l
			X as onder



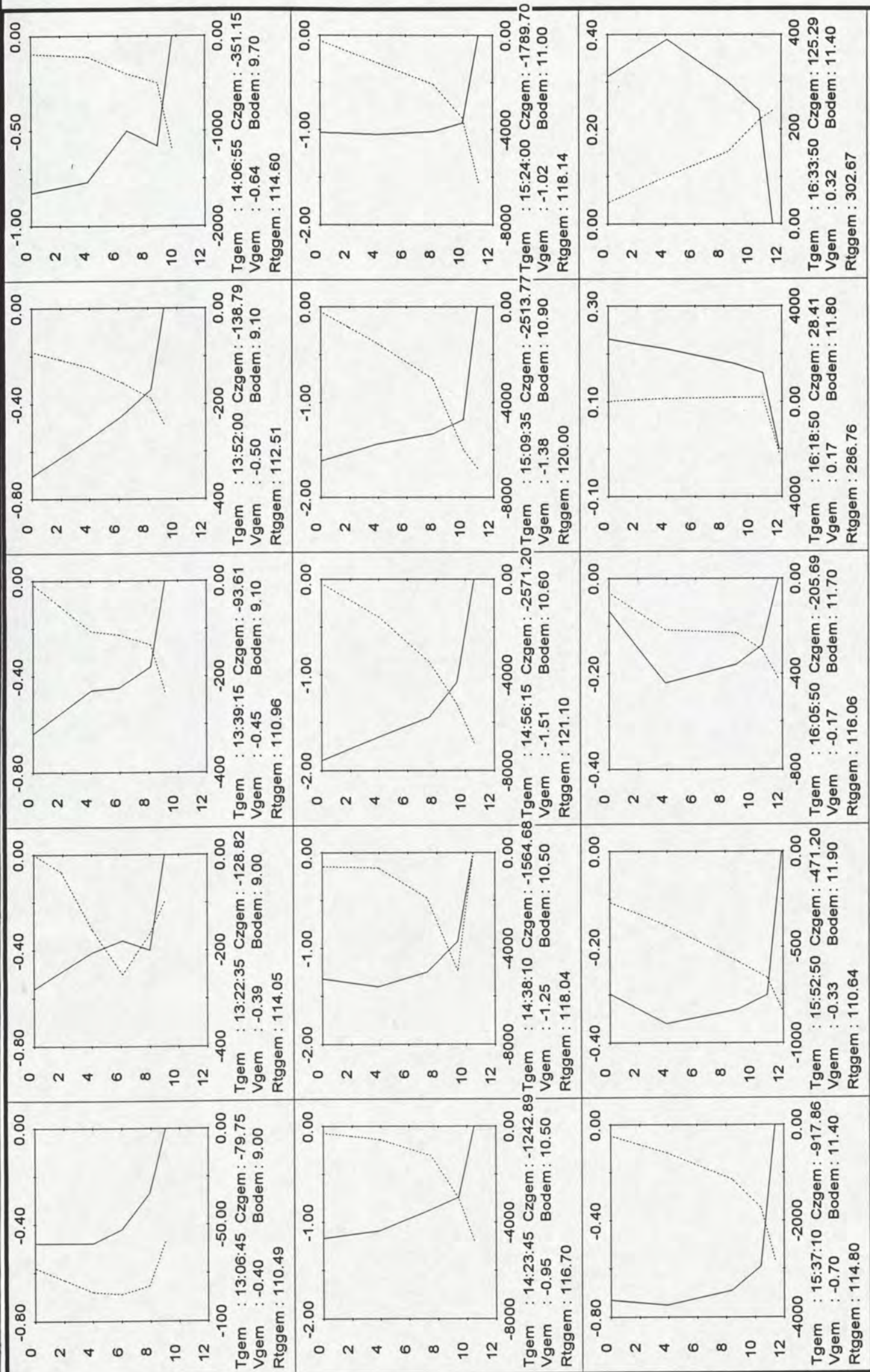
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam	: Debietraal5A2	Tgem
Datum Opname	: 26/10/1999	Vgem
Streefvoetmaat	: 1718	Rtggem
Vaartuig	: KalooMP4	Bodem

: Gemiddelde tijd in uur: min: sec. Czgem
: Gemiddelde STROOMSHRZT in m/s/y as
: Gemiddelde STROOMRTG in deg(360X as boven
: Bodemhoogte in M X as onder

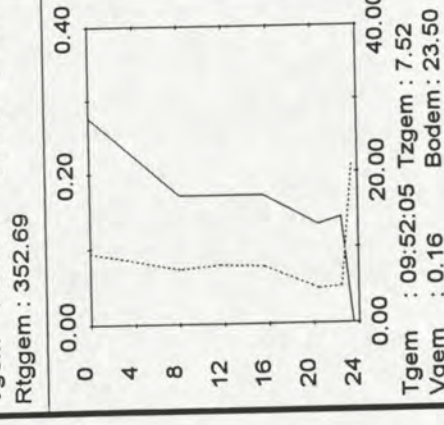
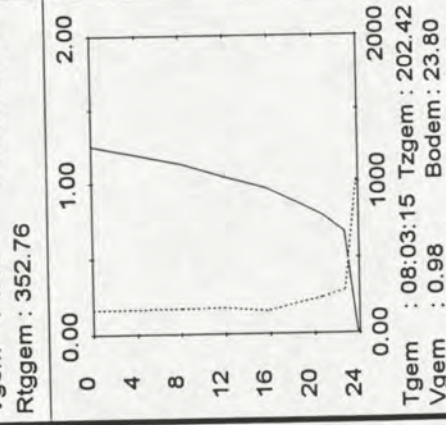
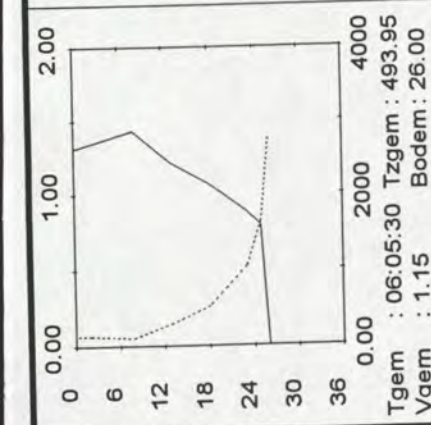
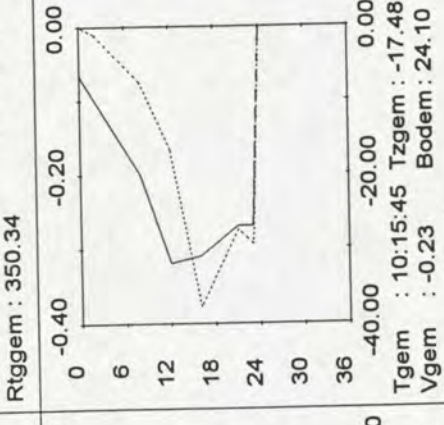
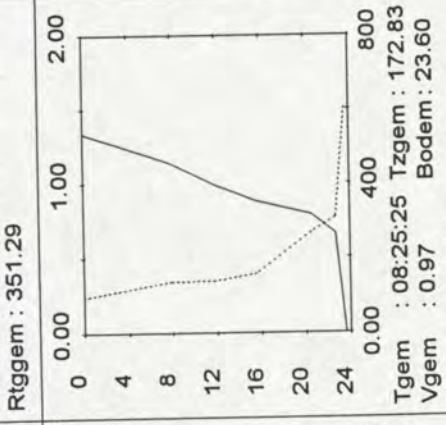
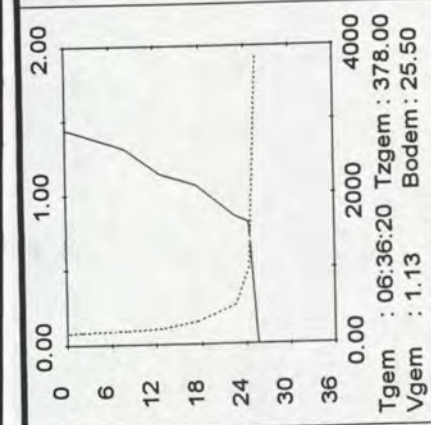
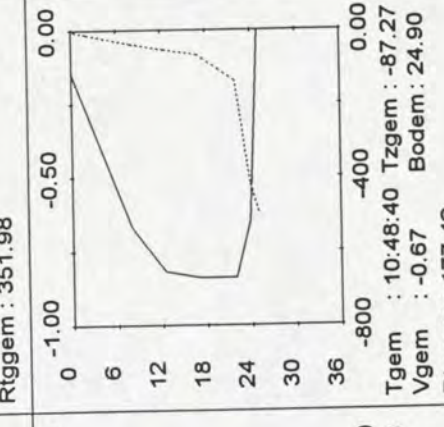
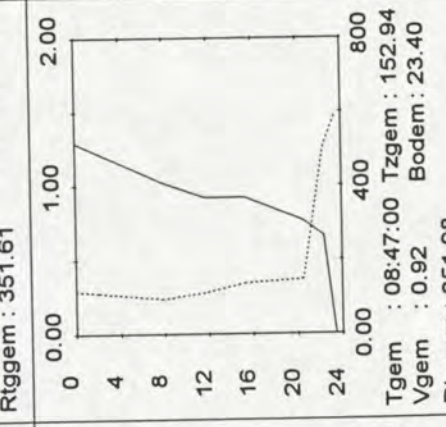
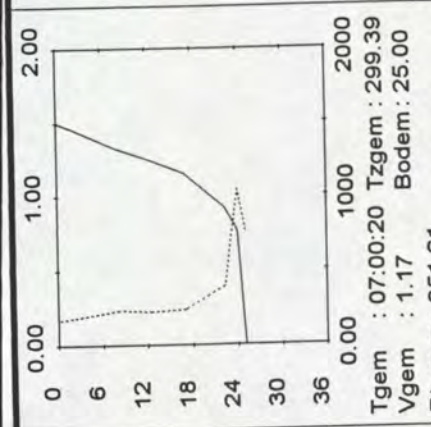
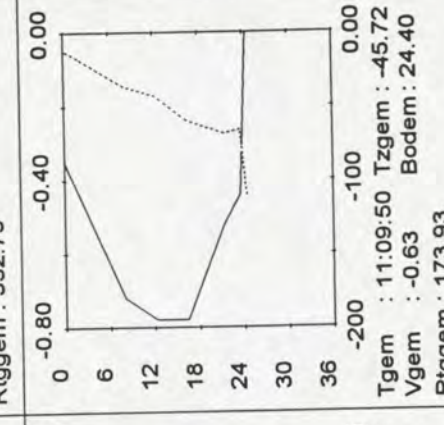
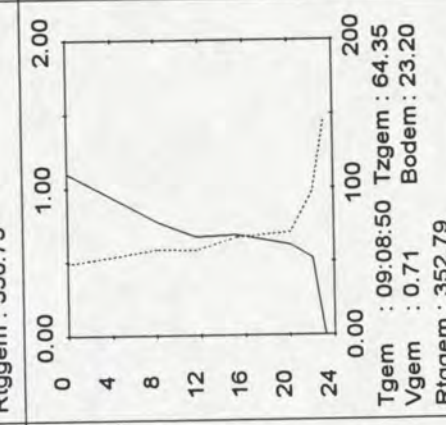
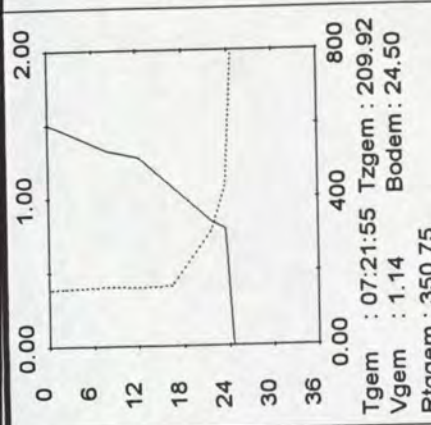
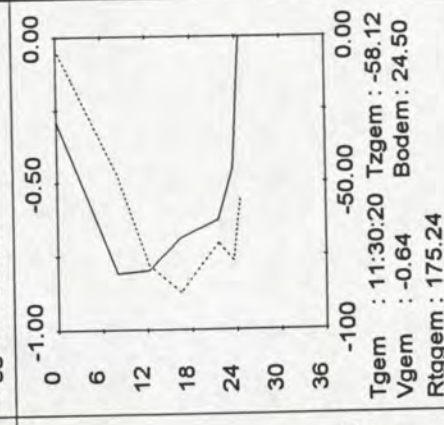
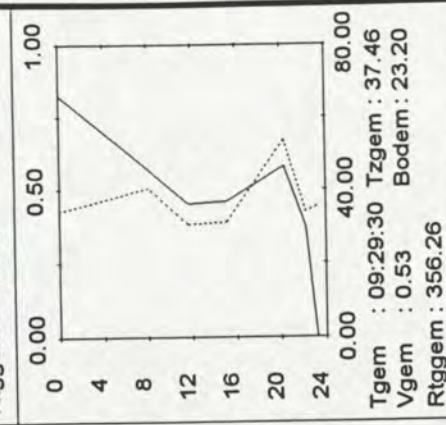
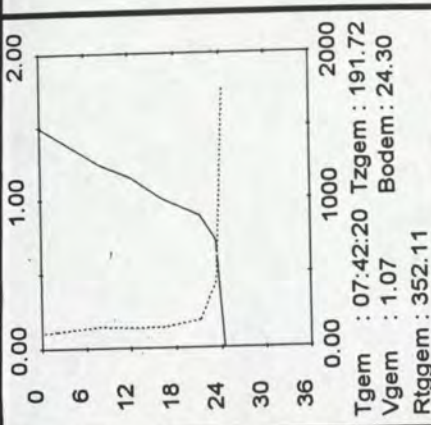
- : Gemiddelde ZANDCONCENTR in mg/l
- : Diepte in M
- : STROOMSHRZT in cm/s
- : ZANDCONCENTR in mg/l

STROOMSHRZT
ZANDCONCENTR



<div>Rijkswaterstaat Directie Zeeland Meetdienst Zeeland</div>										<div>Raainaam : Debietraai5A2 Datum Opname : 26/10/1999 Streefvoetmaat : 1718 Vaartuig : KalooMP4</div>				<div>Tgem Vgem Rtggem Bodem</div>				<div>: Gemiddelde tijd in uu:min:sec. : Gemiddelde STROOMSHRZT in m/sY as : Gemiddelde STROOMRTG in deg(360X as boven : Bodernhoogte in M</div>				<div>Czgem Diepte in M STROOMSHRZT in cm/s ZANDCONCENTR in mg/l</div>				<div>STROOMSHRZT ZANDCONCENTR</div>																																																																									
<div><p>Tgem : 16:48:20 Czgem : 133.45 Vgem : 0.56 Bodem : 11.30 Rtggem : 306.51</p></div>										<div><p>Tgem : 17:03:20 Czgem : 233.13 Vgem : 0.60 Bodem : 11.80 Rtggem : 304.32</p></div>										<div><p>Tgem : 17:18:20 Czgem : 350.94 Vgem : 0.76 Bodem : 10.40 Rtggem : 306.23</p></div>										<div><p>Tgem : 17:32:20 Czgem : 354.75 Vgem : 0.79 Bodem : 10.40 Rtggem : 308.35</p></div>										<div><p>Tgem : 17:46:10 Czgem : 319.68 Vgem : 0.71 Bodem : 10.40 Rtggem : 308.84</p></div>										<div><p>Tgem : 18:01:05 Czgem : 327.18 Vgem : 0.66 Bodem : 10.10 Rtggem : 306.62</p></div>										<div><p>Tgem : 18:16:25 Czgem : 287.70 Vgem : 0.62 Bodem : 9.80 Rtggem : 305.80</p></div>										<div><p>Tgem : 18:29:15 Czgem : 178.86 Vgem : 0.64 Bodem : 9.60 Rtggem : 306.91</p></div>										<div><p>Tgem : 18:41:15 Czgem : 238.63 Vgem : 0.63 Bodem : 9.40 Rtggem : 306.21</p></div>										<div><p>Tgem : 18:46:10 Czgem : 319.68 Vgem : 0.71 Bodem : 10.40 Rtggem : 308.84</p></div>									

9. Vertikalen zandtransport



STROOMSHRZT
ZANDTRANSP

· Gemiddelde ZANDTRANSP in $\text{gr/m}^2.\text{s}$

: Diepte in M

· STROOMSHRZT in cm/s

: ZANDTRANSP in gr/m2.s

Transmem

1/sY as

101 20

Yes as order

Conclusions

• Gemiddelde tijd in de markt: 300

: Gemiddelde STROOMSNIJDE

: Gemiddelde STROOMRICHTING

1

gem

Vgem

Ritger

Rajinaam
: Debietraa5A1

Datum Opname: 25/10/1999

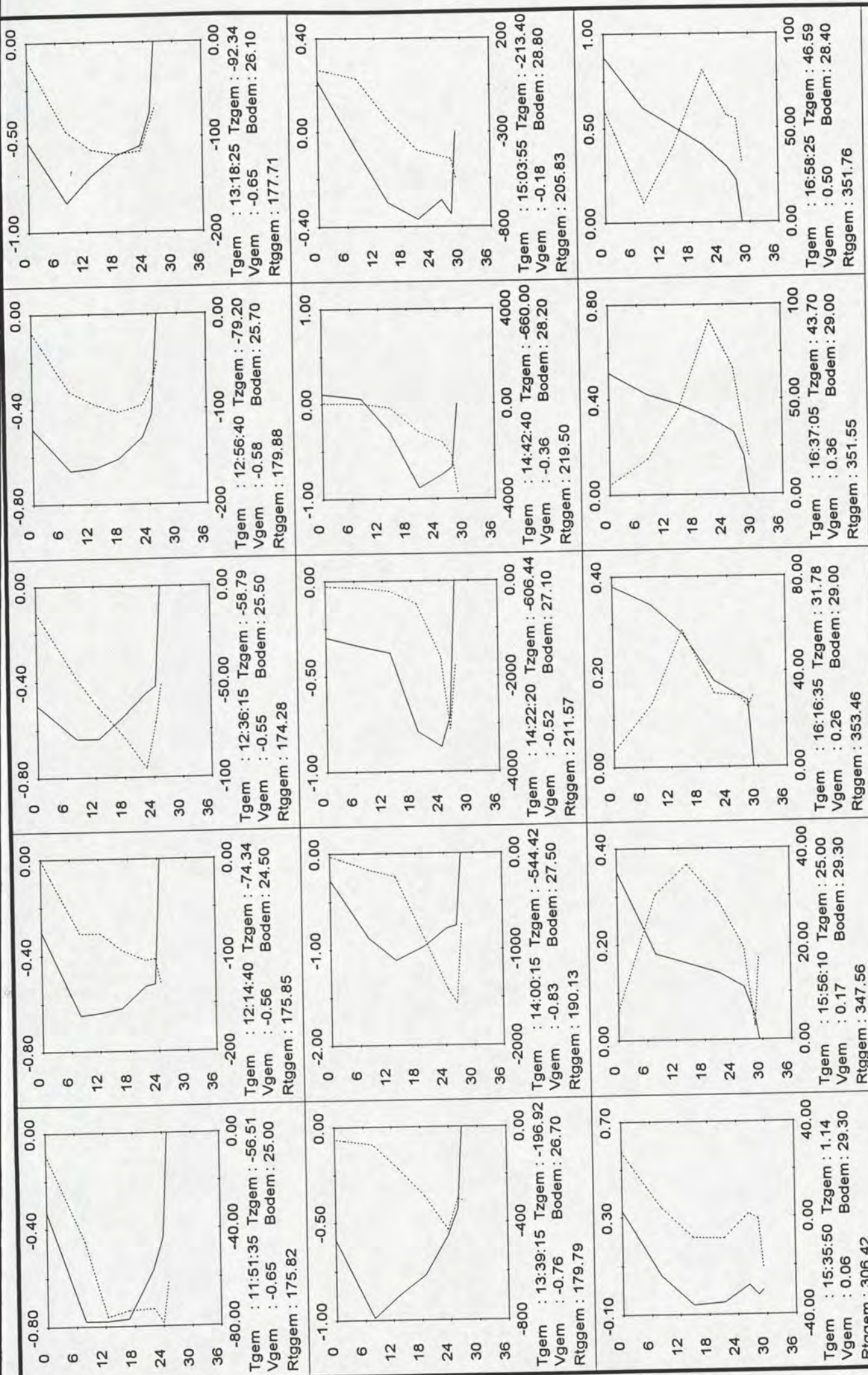
Streefvoetmaat : 238

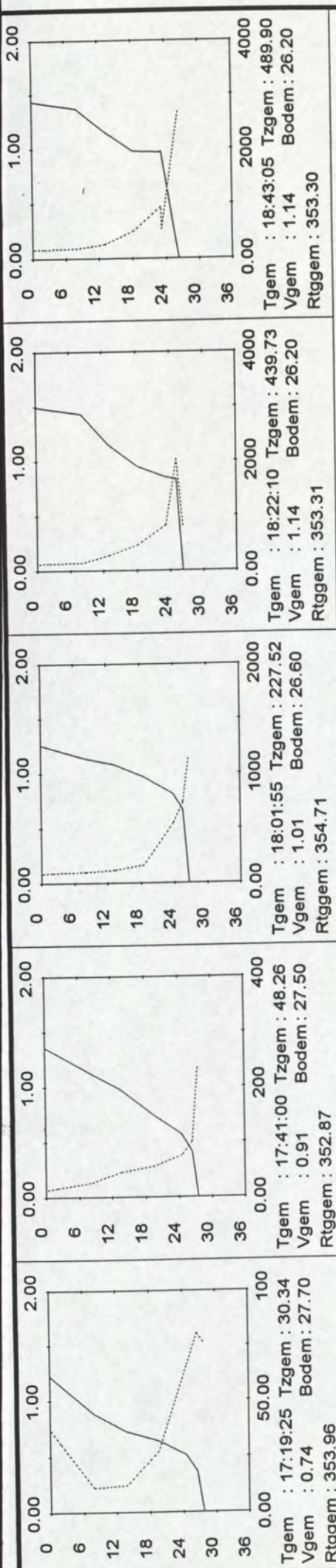
Vaardigheid : KalooMP1

Rijkswaterstaat

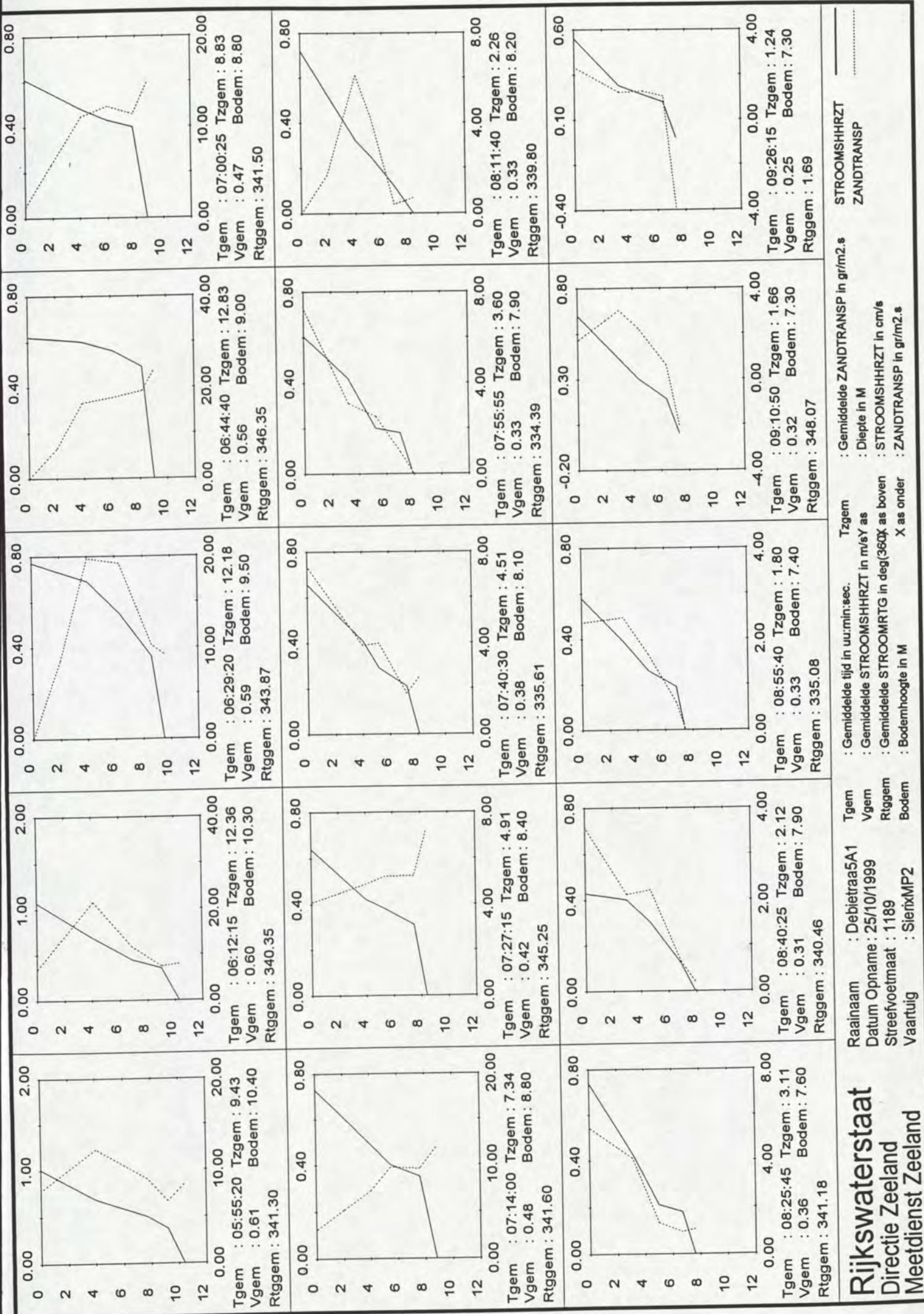
Directie Zeeland

Meetdienst Zeeland





Rijkswaterstaat		Raainaam : Debietraa5A1		Tgem		: Gemiddelde tijd in uu:min:sec.		Tzgem		: Gemiddelde ZANDTRANSP in gr/m2.s		STROOMSHRZT	
Directie Zeeland		Datum Opname : 25/10/1999		Vgem		: Gemiddelde STROOMSHRZT in m/sY as		: Diepte in M		: ZANDTRANSP in gr/m2.s		ZANDTRANSP	
Meetdienst Zeeland		Streefvoetmaat : 238		Rtgem		: Gemiddelde STROOMRTG in deg(360X as boven		: STROOMSHRZT in cm/s					
		Vaartuig : KalooMP1		Bodem		: Bodemhoogte in M		X as onder					



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietaa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

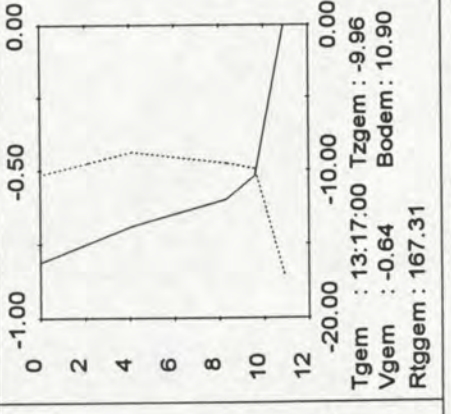
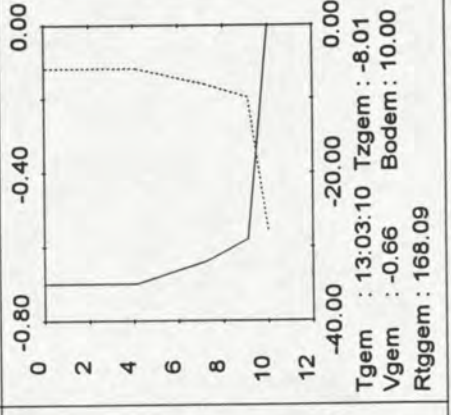
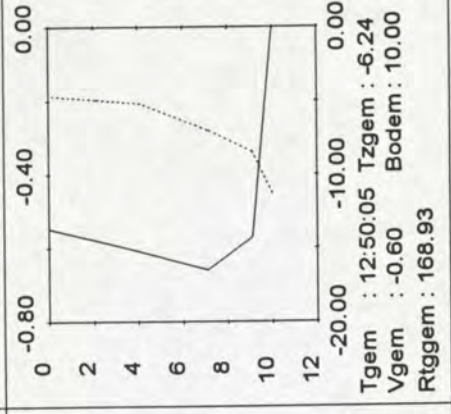
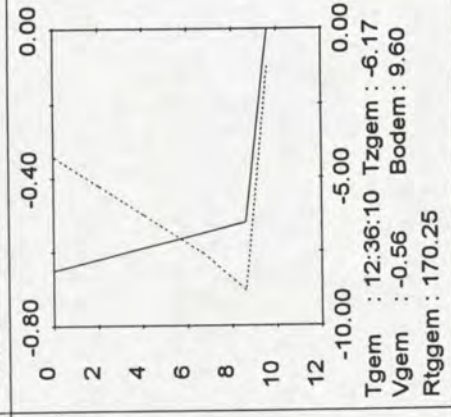
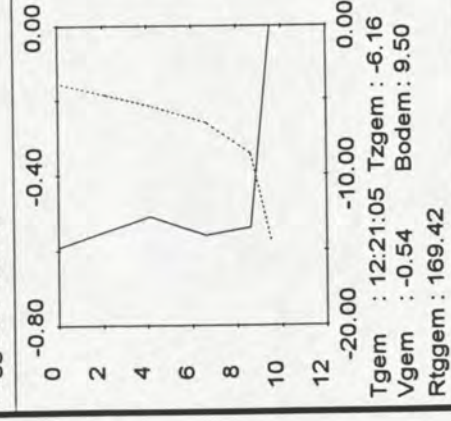
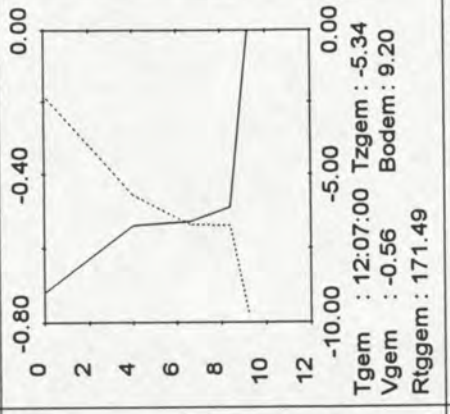
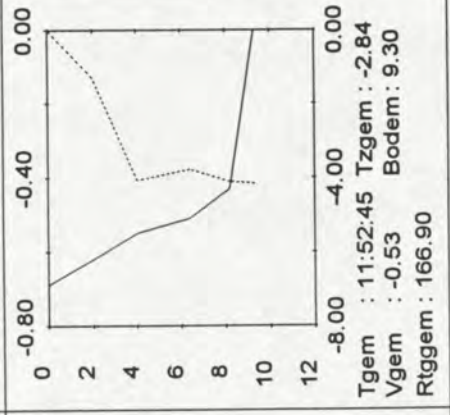
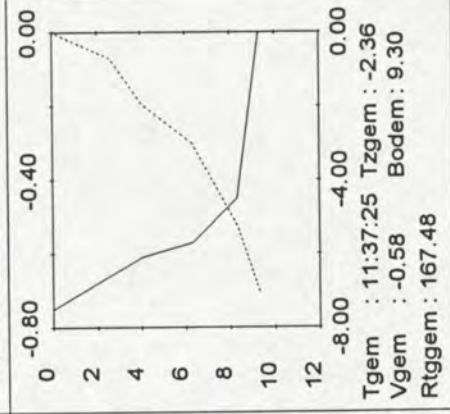
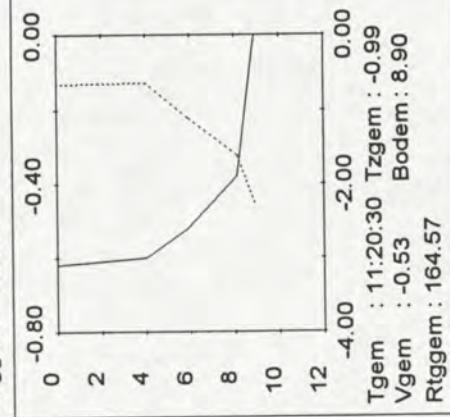
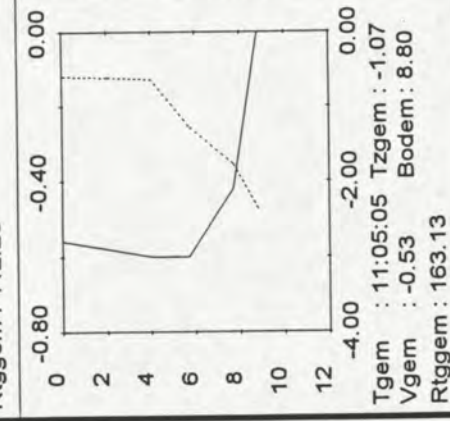
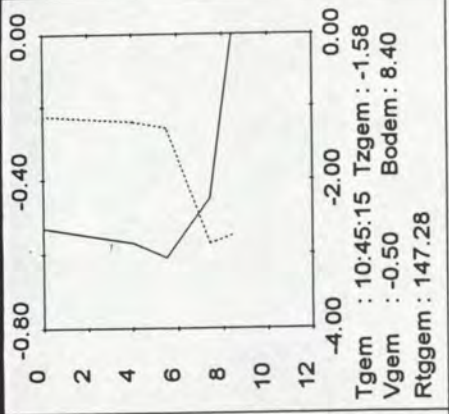
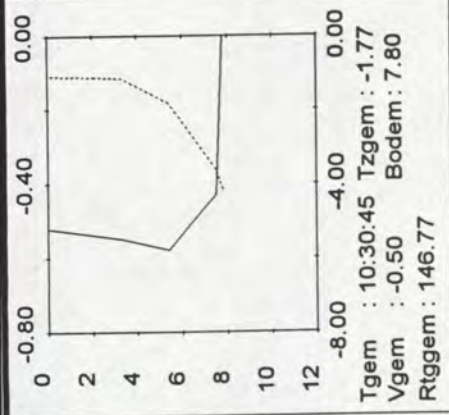
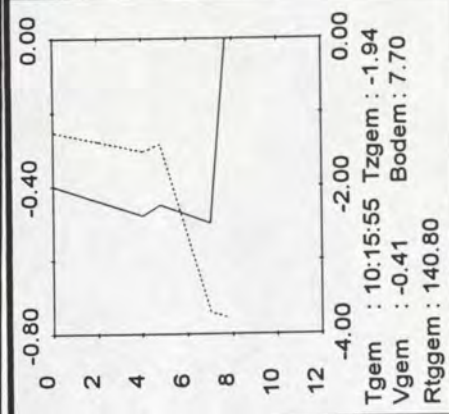
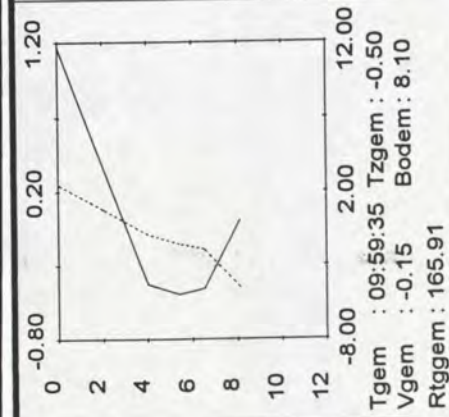
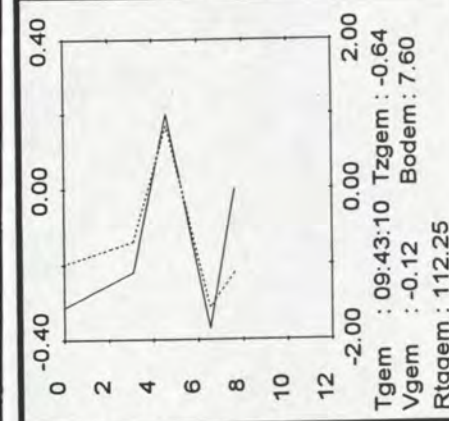
Tzgem
Vgem
Rtggem
Bodem

Gemiddelde tijd in uur:min:sec.
Gemiddelde STROOMSHRZT in m/s Y as
Gemiddelde STROOMRTG in deg(360) X as boven
Bodemhoogte in M

Tzgem
Vgem
Rtggem

Gemiddelde ZANDTRANSP in gr/m2.s
Diepte in M
STROOMSHRZT in cm/s
ZANDTRANSP in gr/m2.s

STROOMSHRZT
ZANDTRANSP



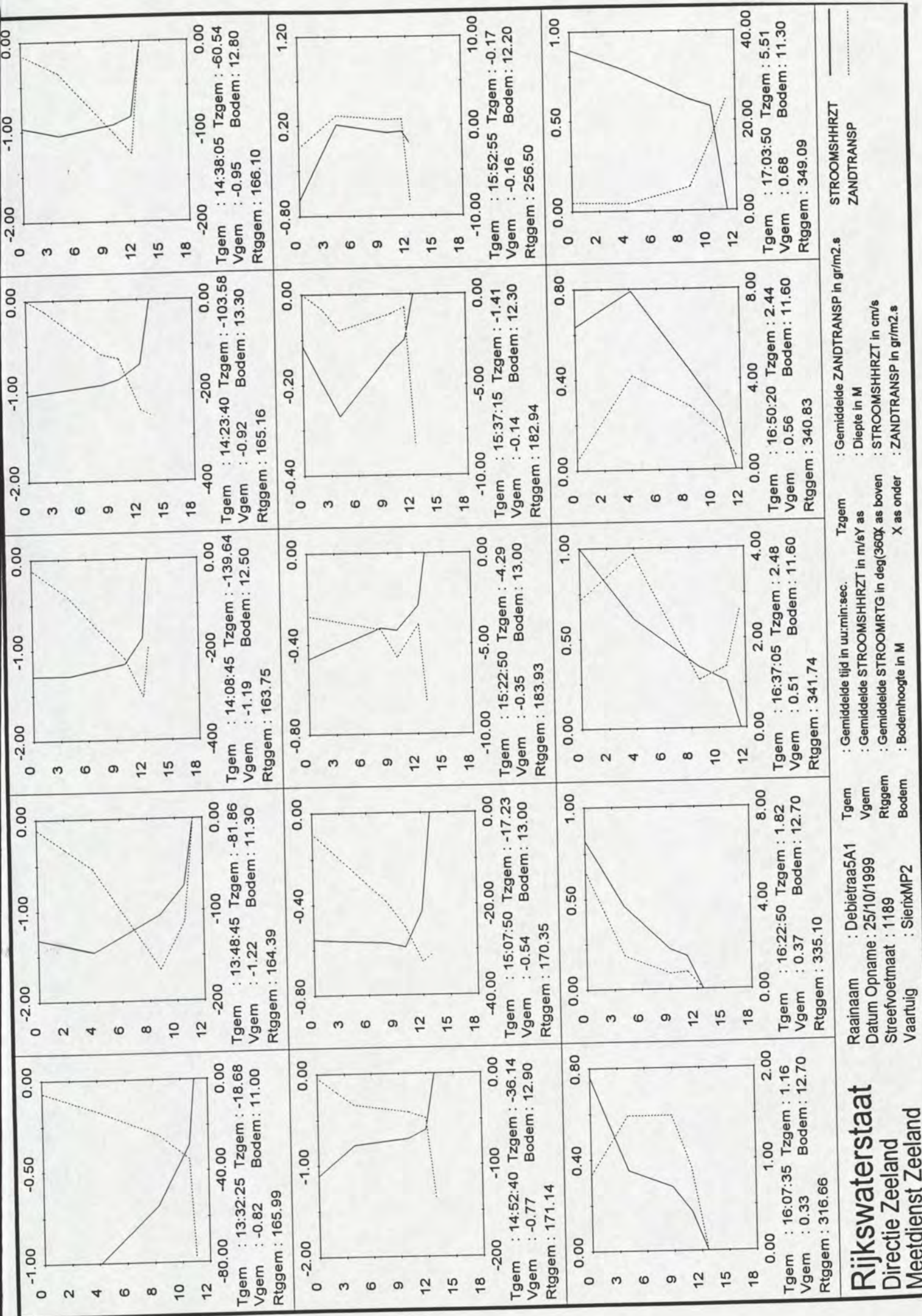
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

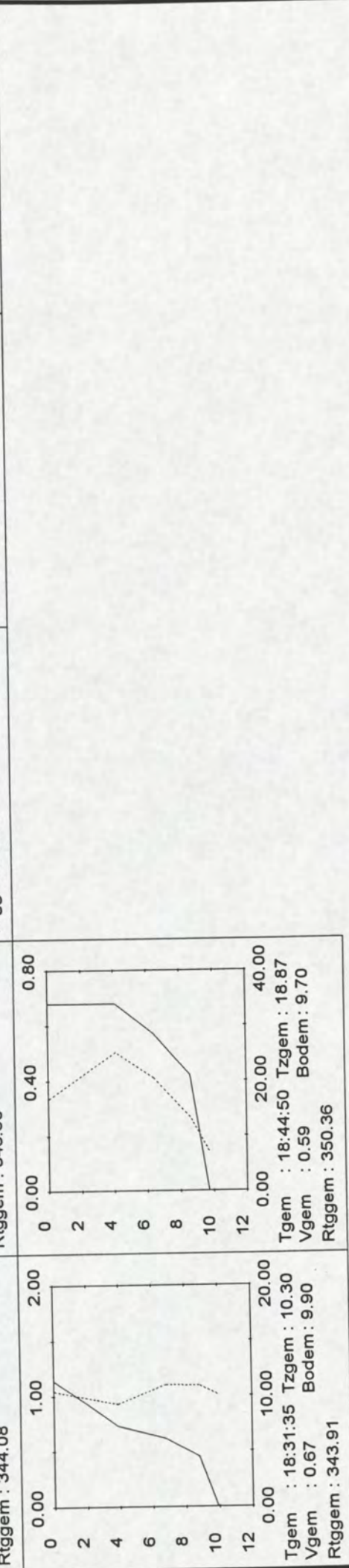
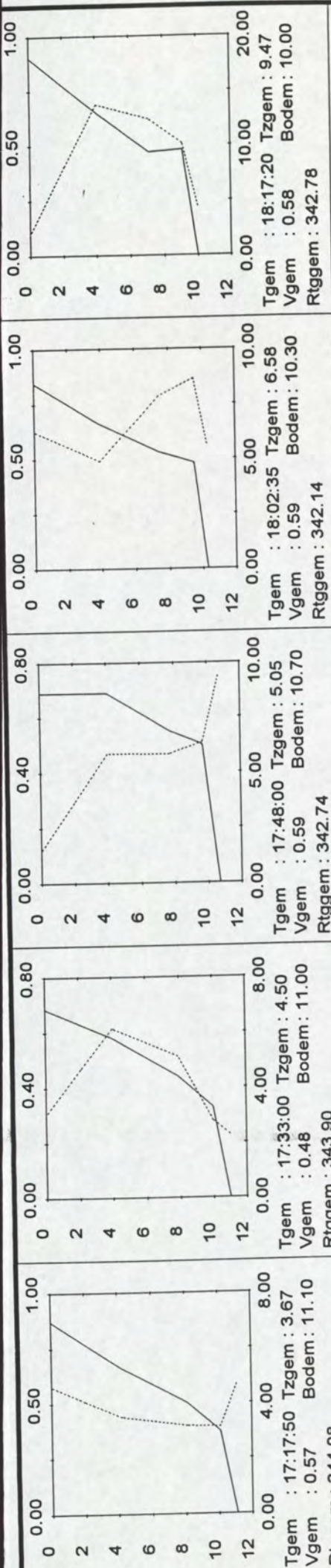
Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

: Gemiddelde tijd in uur:min:sec. Tzegem
: Gemiddelde STROOMSHRZT in m/sY as
: Gemiddelde STROOMRTG in deg(360X as boven
: Bodemhoogte in M X as onder

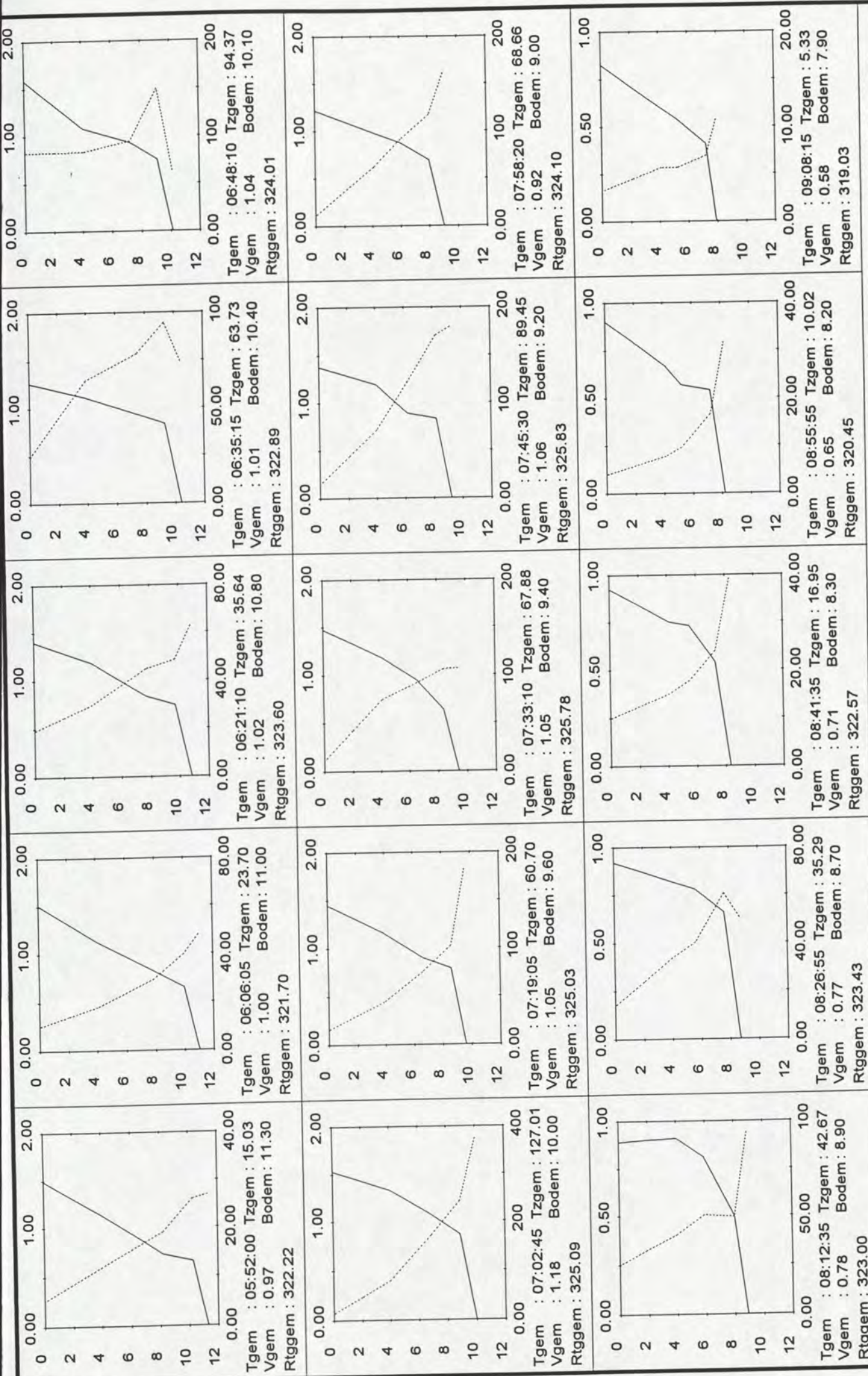
: Gemiddelde ZANDTRANSP
: Diepte in M
: STROOMSHRZT in cm/s
: ZANDTRANSP in gr/m2.s

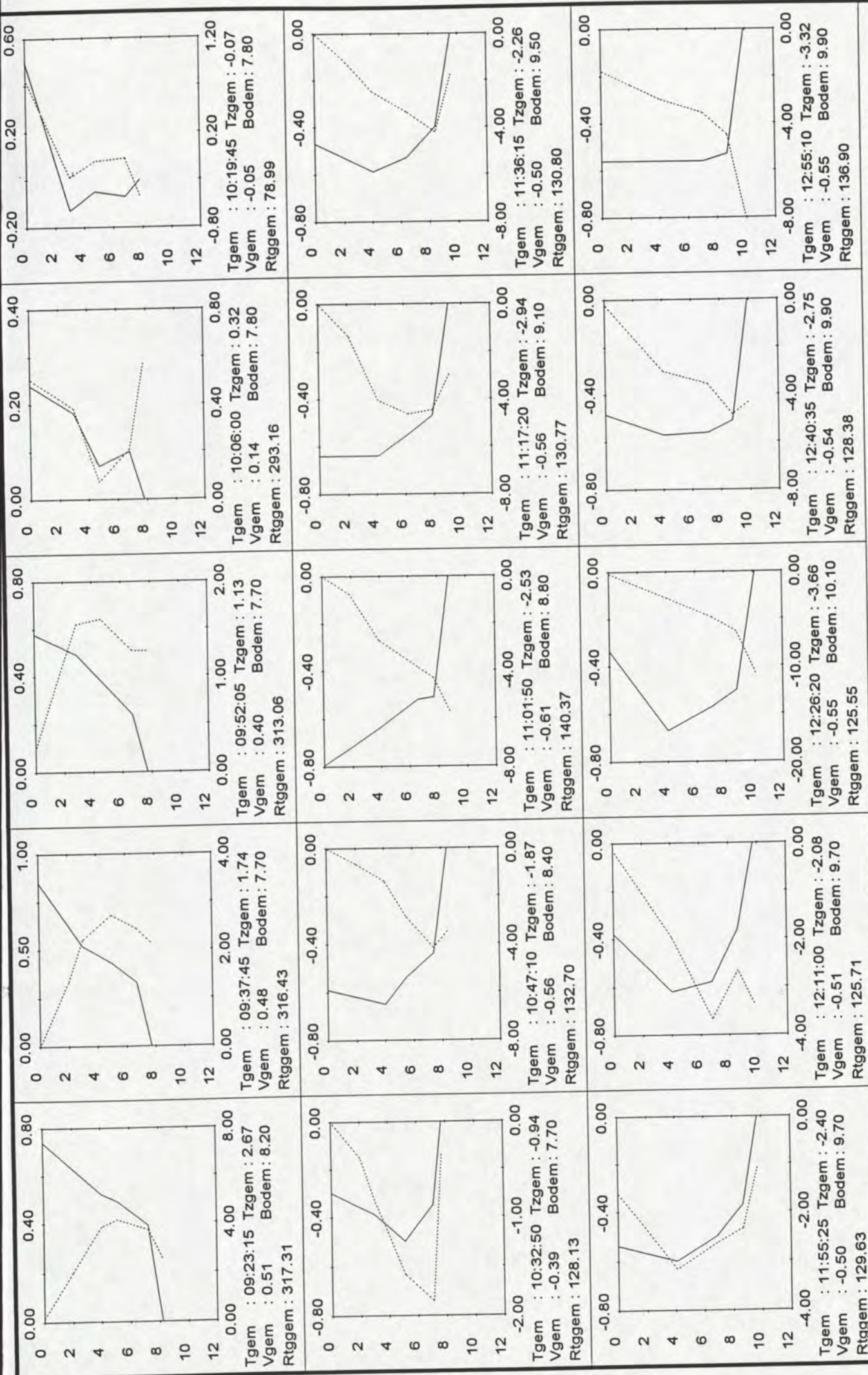
STROOMSHRZT
ZANDTRANSP

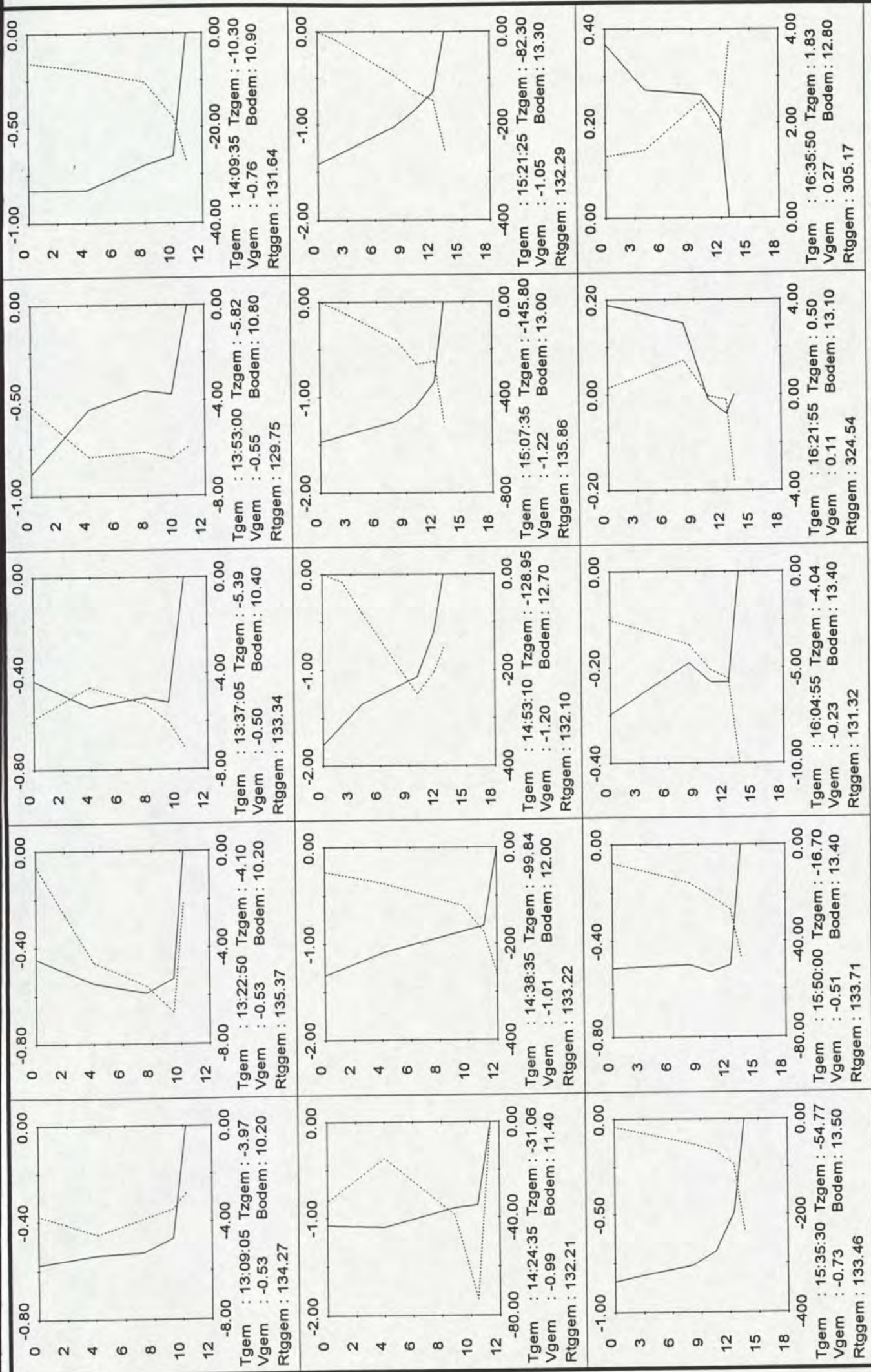


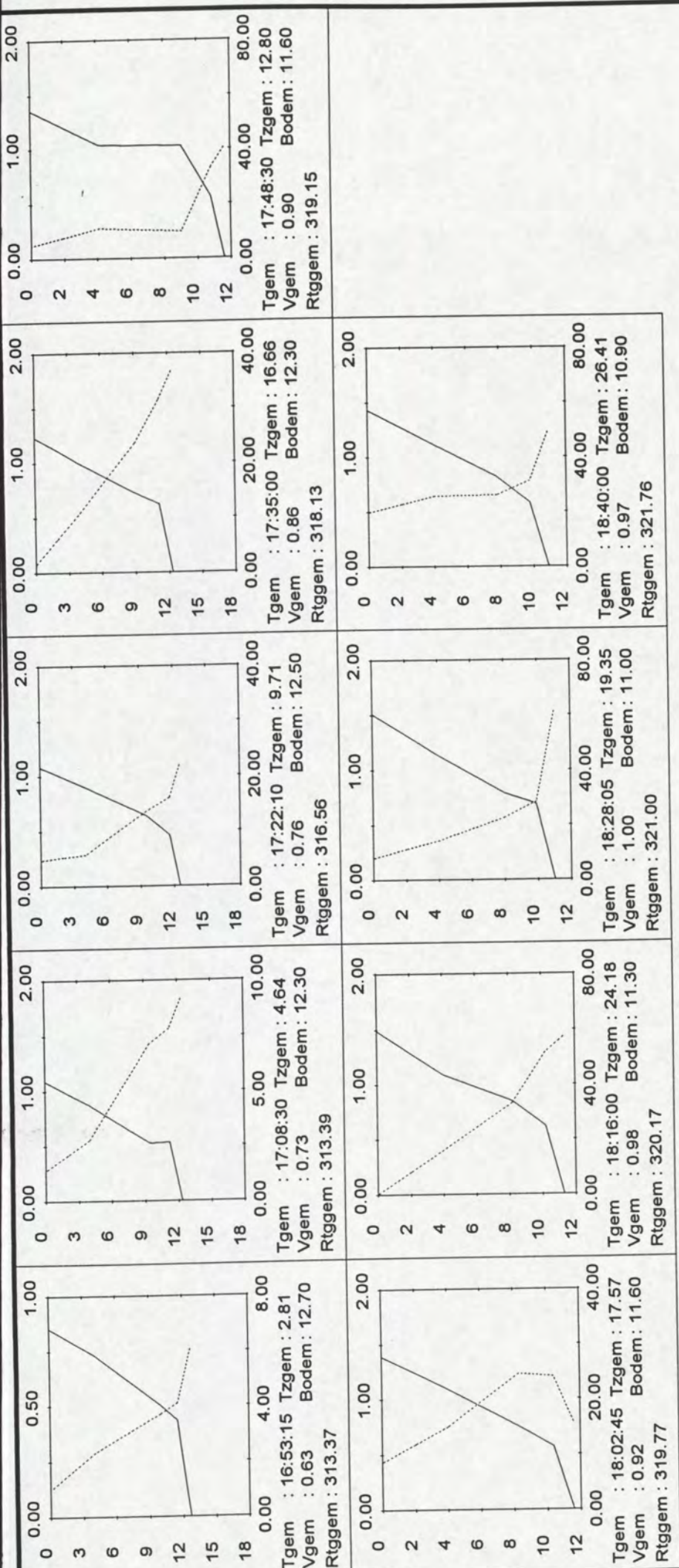


Rijkswaterstaat		Raanaam : Debietraa5A1		Tgem		Gemiddelde tijd in uu:min:sec.		Tzgem		Gemiddelde ZANDTRANSP in gr/m2.s		STROOMSHRZT	
Directie Zeeland		Datum Opname : 25/10/1999		Vgem		Gemiddelde STROOMSHRZT in m/s Y as		as boven		Diepte in M		ZANDTRANSP	
Meetdienst Zeeland		Streefvoetmaat : 1189		Rtggem		Gemiddelde STROOMRTG in deg/(360X as onder		X as onder		STROOMSHRZT in cm/s			
		Vaartuig : SierixMP2		Bodem						ZANDTRANSP in gr/m2.s			

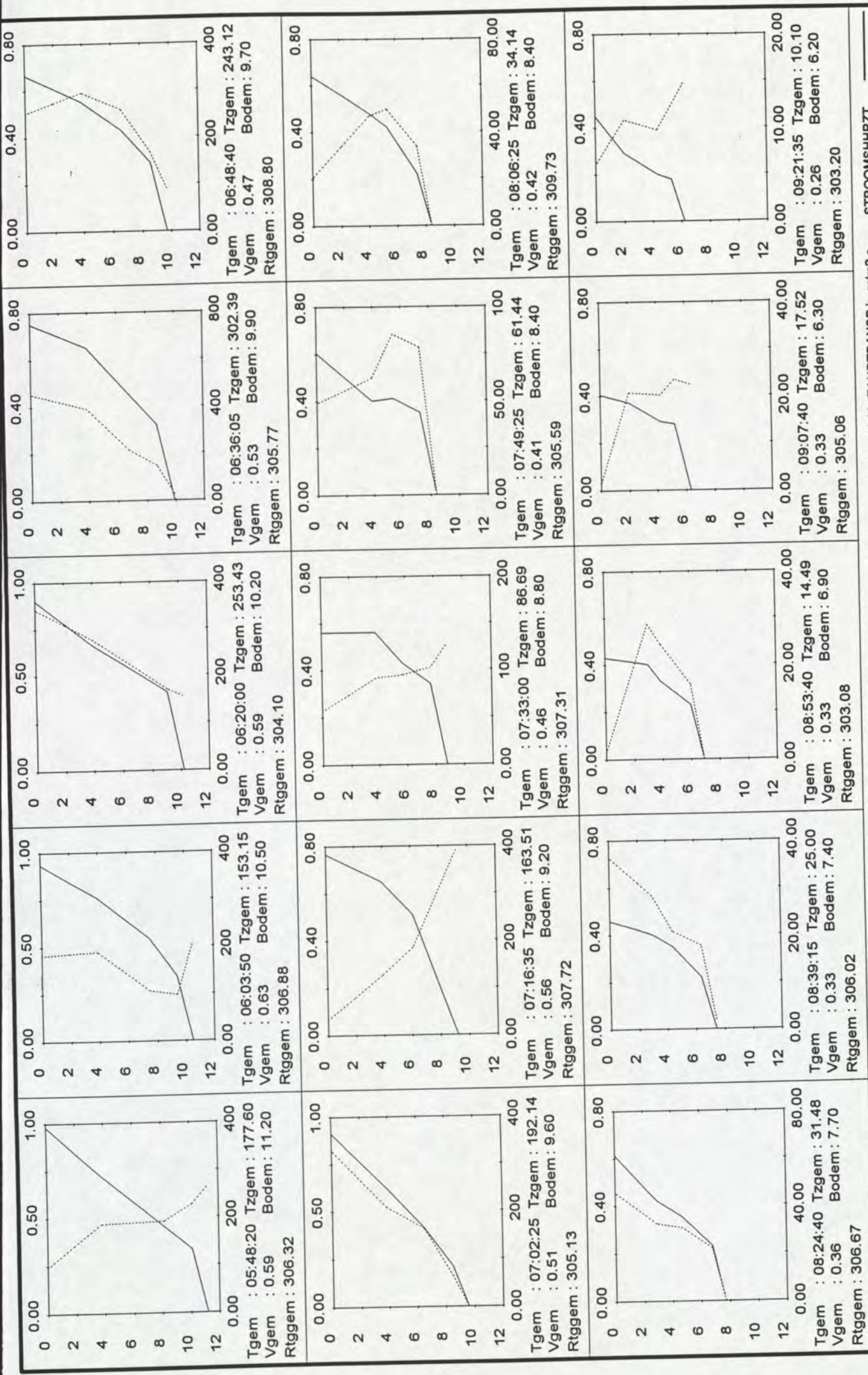








<div><div>Rijkswaterstaat</div><div>Directie Zeeland</div><div>Meetdienst Zeeland</div></div>			<div><div>Raainaam : Debietraai5A2</div><div>Datum Opname : 26/10/1999</div><div>Streefvoetmaat : 940</div><div>Vaartuig : SierixMP3</div></div>			<div><div>Tgem</div><div>Vgem</div><div>Rtggem</div><div>Bodem</div></div>			<div><div>Gemiddelde tijd in uur:min:sec.</div><div>Gemiddelde STROOMSHRZT in m/sY as</div><div>Gemiddelde STROOMRTG in deg(360X as boven</div><div>Bodemhoogte in M</div></div>			<div><div>Tzgem</div><div>Diepte in M</div><div>STROOMSHRZT in cm/s</div><div>ZANDTRANSP in gr/m2.s</div></div>			<div><div>Gemiddelde ZANDTRANSP in gr/m2.s</div><div>STROOMSHRZT</div><div>ZANDTRANSP</div></div>		
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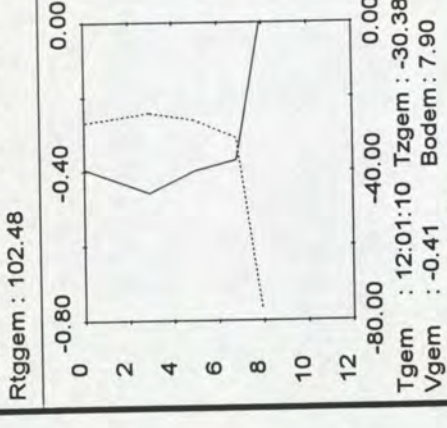
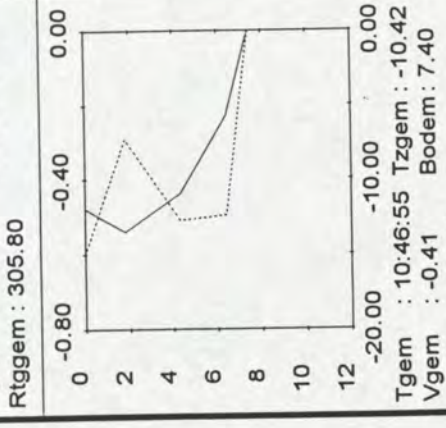
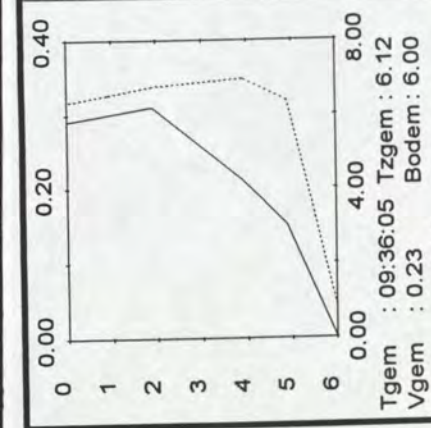
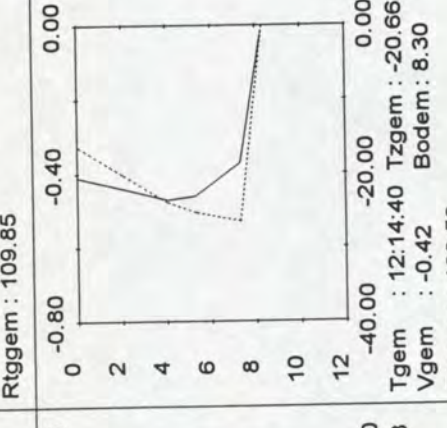
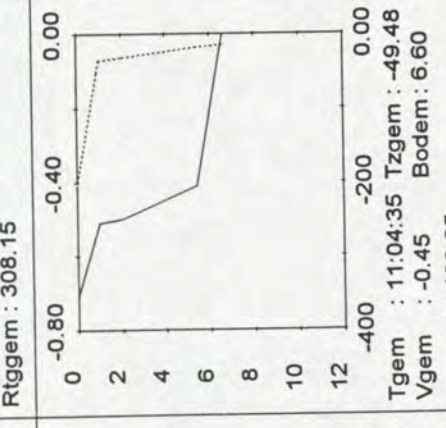
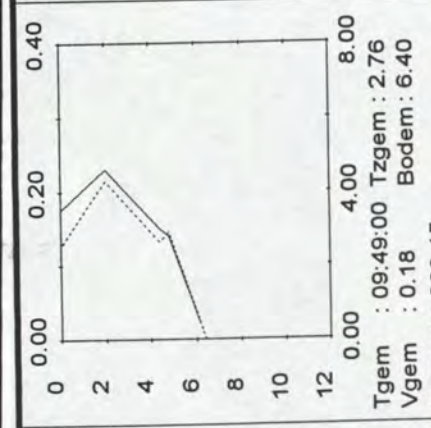
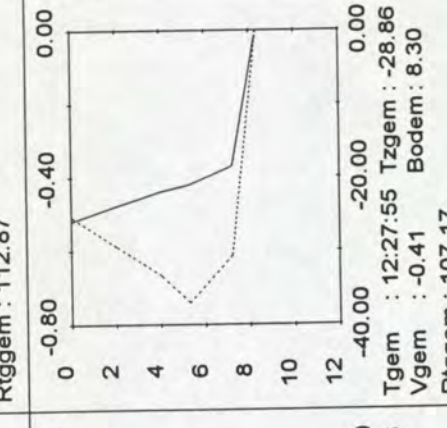
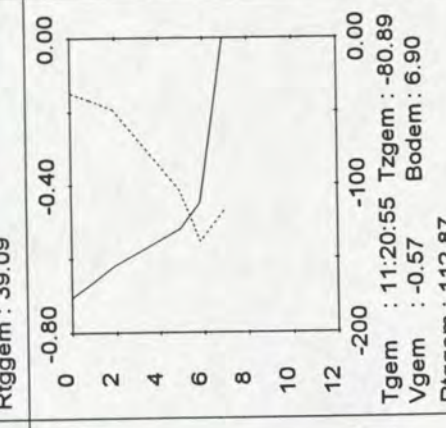
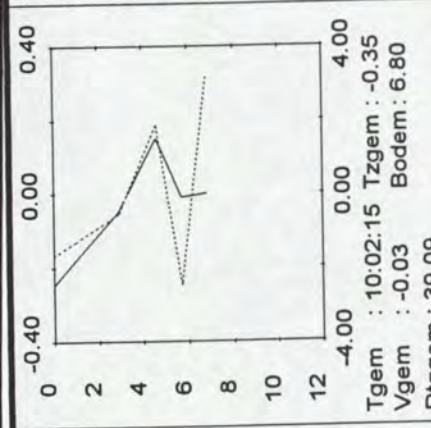
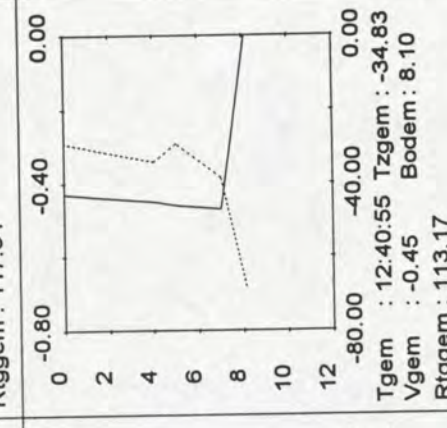
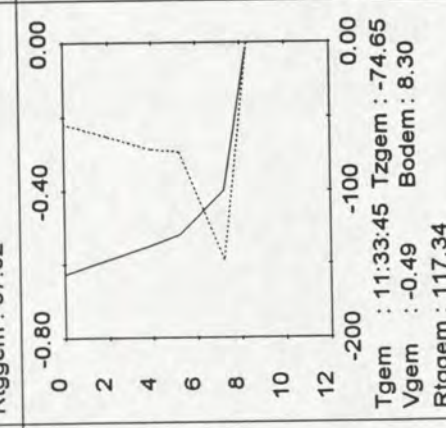
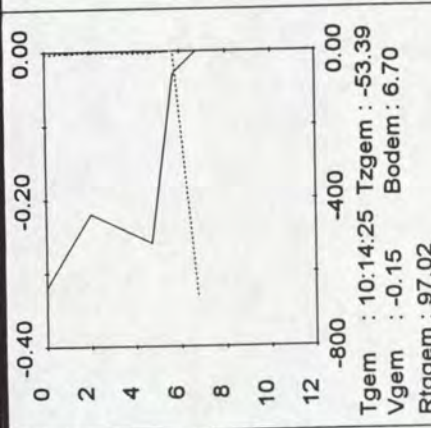
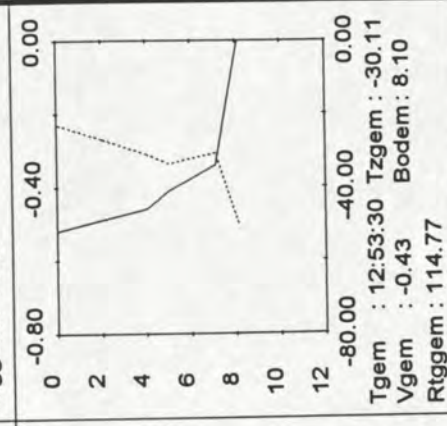
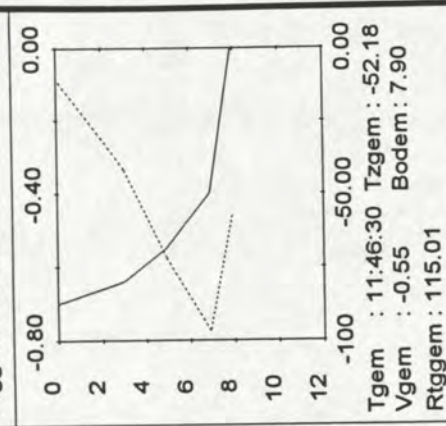
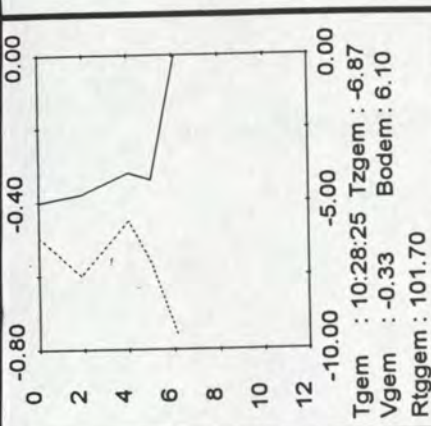
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraal5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : KaloMP4

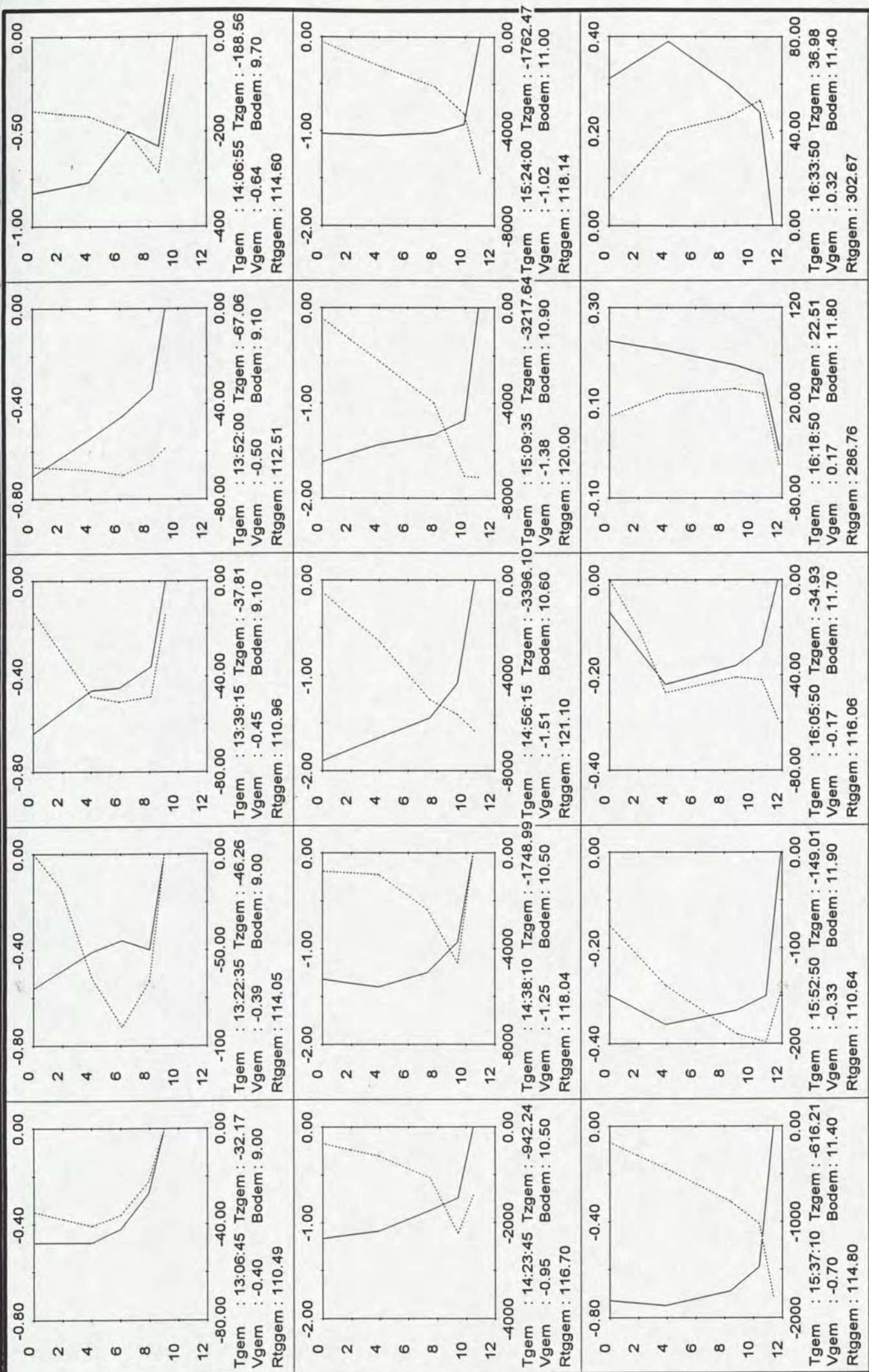
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Vgem : Gemiddelde STROOMSHRZT in m/s² as
Rtggem : Gemiddelde STROOMRTG in deg(360X as boven
Bodem : Bodemhoogte in M

Tzgem : Diepte in M
Vgem : STROOMSHRZT in cm/s
Rtggem : ZANDTRANSP in gr/m².s

STROOMSHRZT
ZANDTRANSP



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raainaam	: Debietaal5A2	Tgem	: Gemiddelde tijd in uur:min:sec.	STROOMSHRZT ZANDTRANS : Gemiddelde ZANDTRANS in gr/m2.s : Diepte in M : STROOMSHRZT in cm/s : ZANDTRANS in gr/m2.s
	Datum Opname	: 26/10/1999	Vgem	: Gemiddelde STROOMSHRZT in m/s Y as	
	Streefvoetmaat	: 1718	Rtggem	: Gemiddelde STROOMRTG in deg(360X as boven	
	Vaartuig	: KalooMP4	Bodem	: Bodemhoogte in M	
				: Tzgem	



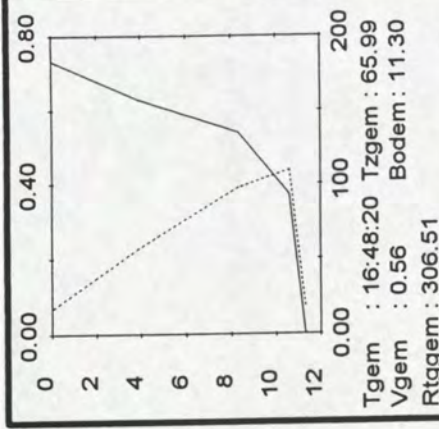
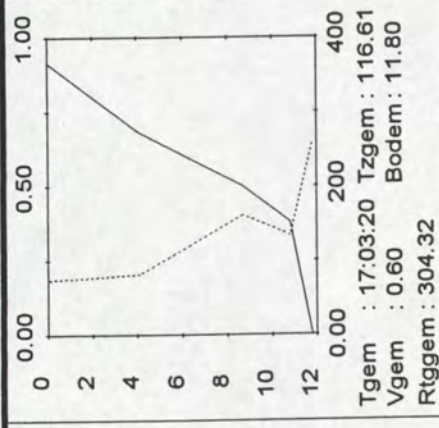
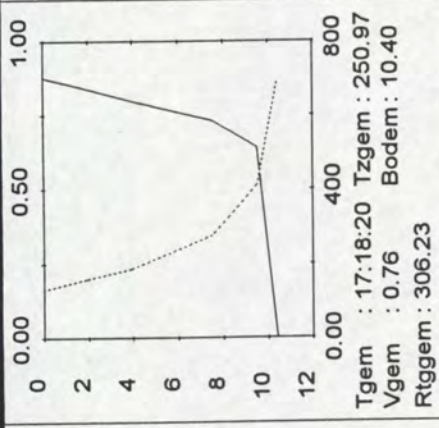
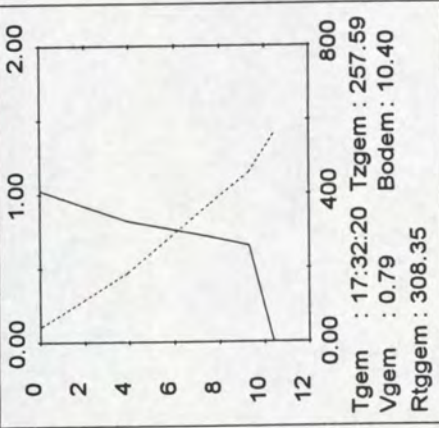
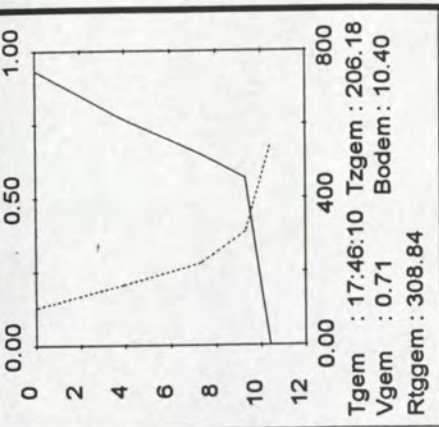
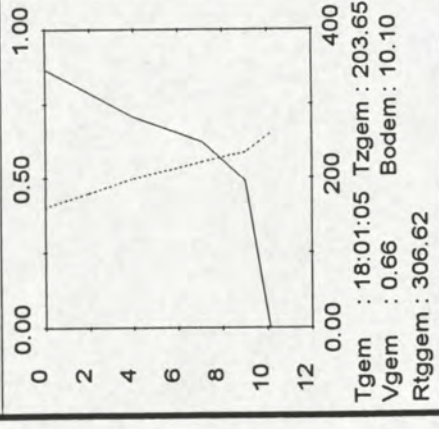
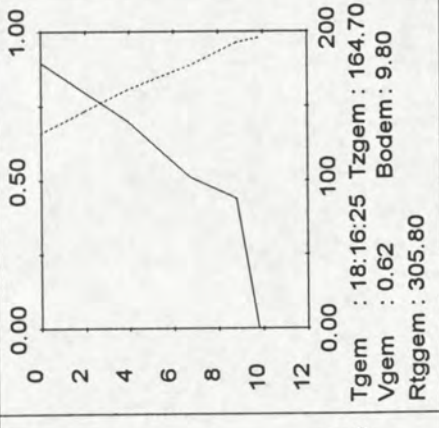
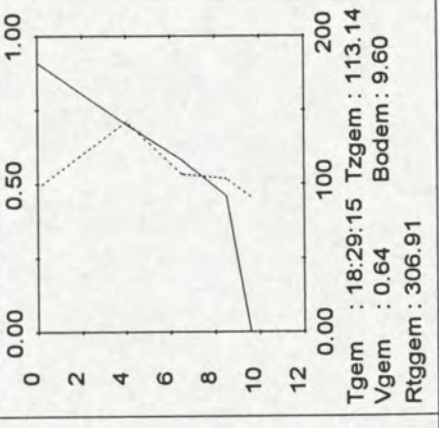
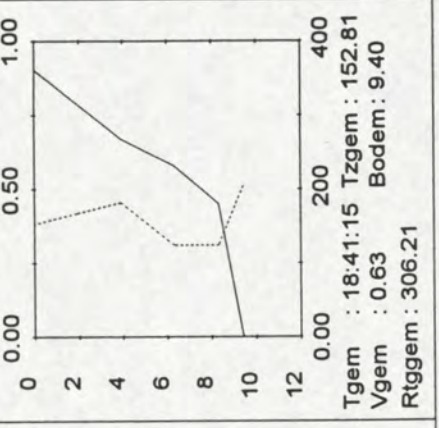
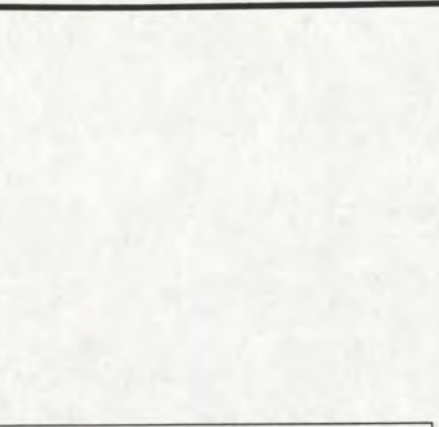
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietaal5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : KalooMP4

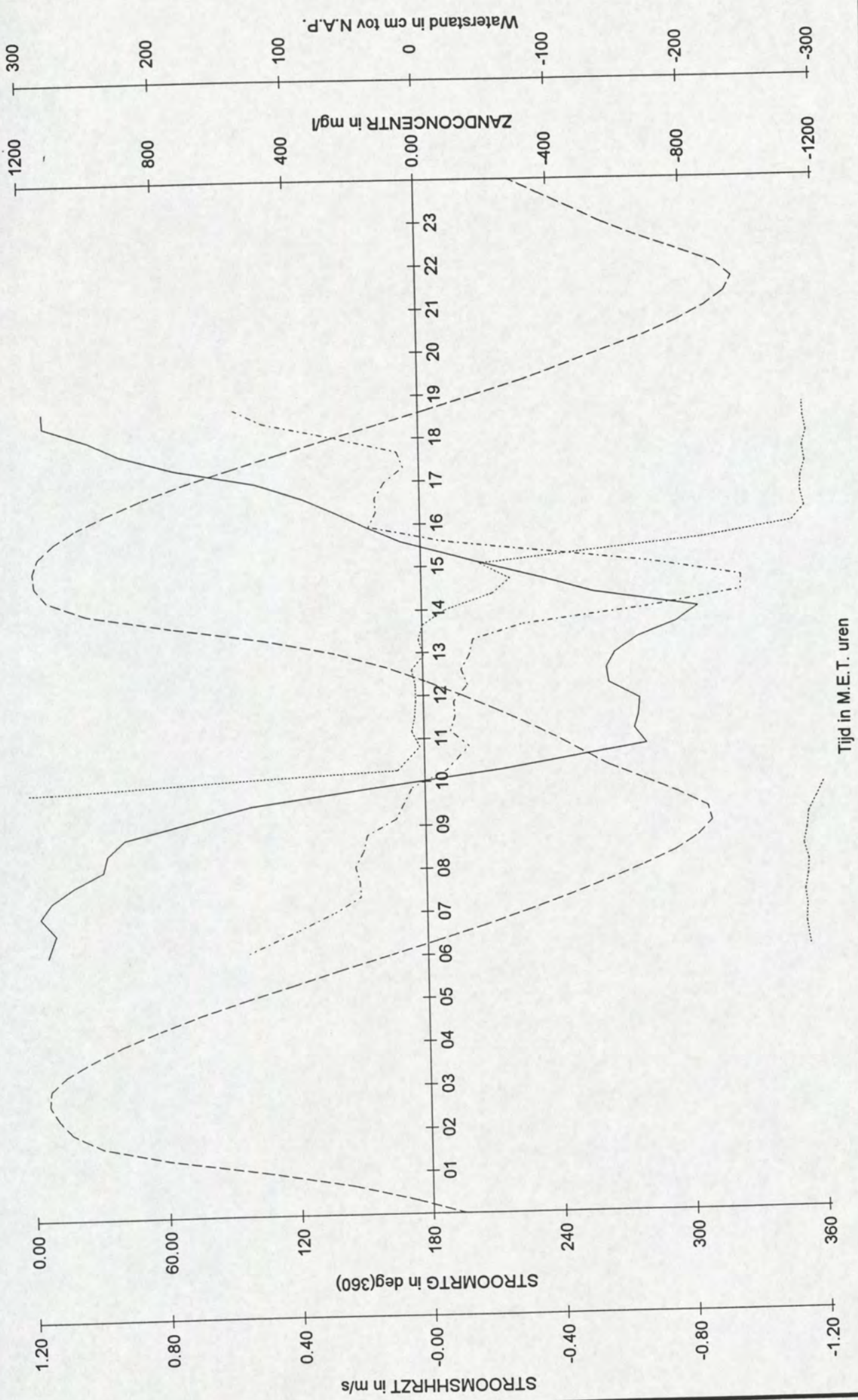
Tzgem : Gemiddelde STROOMSHRZT in m/sY as
Vgem : Gemiddelde STROOMSHRZT in m/sY as
Rtggem : Gemiddelde STROOMSHRZT in m/sY as

Tzgem : Gemiddelde ZANDTRANSP in gr/m2.s
Vgem : Gemiddelde ZANDTRANSP in gr/m2.s
Rtggem : Gemiddelde ZANDTRANSP in gr/m2.s

Diepte in M
X as onder
Y as onder

 <p>Tgem : 16:48:20 Tzgem : 65.99 Vgem : 0.56 Bodem : 11.30 Rtgem : 306.51</p>	 <p>Tgem : 17:03:20 Tzgem : 116.61 Vgem : 0.60 Bodem : 11.80 Rtgem : 304.32</p>	 <p>Tgem : 17:18:20 Tzgem : 250.97 Vgem : 0.76 Bodem : 10.40 Rtgem : 306.23</p>	 <p>Tgem : 17:32:20 Tzgem : 257.59 Vgem : 0.79 Bodem : 10.40 Rtgem : 308.35</p>	 <p>Tgem : 17:46:10 Tzgem : 206.18 Vgem : 0.71 Bodem : 10.40 Rtgem : 308.84</p>	 <p>Tgem : 18:01:05 Tzgem : 203.65 Vgem : 0.66 Bodem : 10.10 Rtgem : 306.62</p>	 <p>Tgem : 18:16:25 Tzgem : 164.70 Vgem : 0.62 Bodem : 9.80 Rtgem : 305.80</p>	 <p>Tgem : 18:29:15 Tzgem : 113.14 Vgem : 0.64 Bodem : 9.60 Rtgem : 306.91</p>	 <p>Tgem : 18:41:15 Tzgem : 152.81 Vgem : 0.63 Bodem : 9.40 Rtgem : 306.21</p>	 <p>Tgem : 18:41:15 Tzgem : 152.81 Vgem : 0.63 Bodem : 9.40 Rtgem : 306.21</p>	<div> <div> Rijkswaterstaat Directie Zeeland Meetdienst Zeeland </div> <div> Raanaam : Debietraai5A2 Datum Opname : 26/10/1999 Streefvoetmaat : 1718 Vaartuig : KalooMP4 </div> <div> Gemiddelde tijd in uur:min:sec. Gemiddelde STROOMSHRZT in m/s/Y as Gemiddelde STROOMRTG in deg(360X as boven Bodemhoogte in M </div> <div> Tzgem X as onder </div> <div> Gemiddelde ZANDTRANSP in gr/m2.s Diepte in M STROOMSHRZT in cm/s ZANDTRANSP in gr/m2.s </div> <div> STROOMSHRZT ZANDTRANSP </div> </div>
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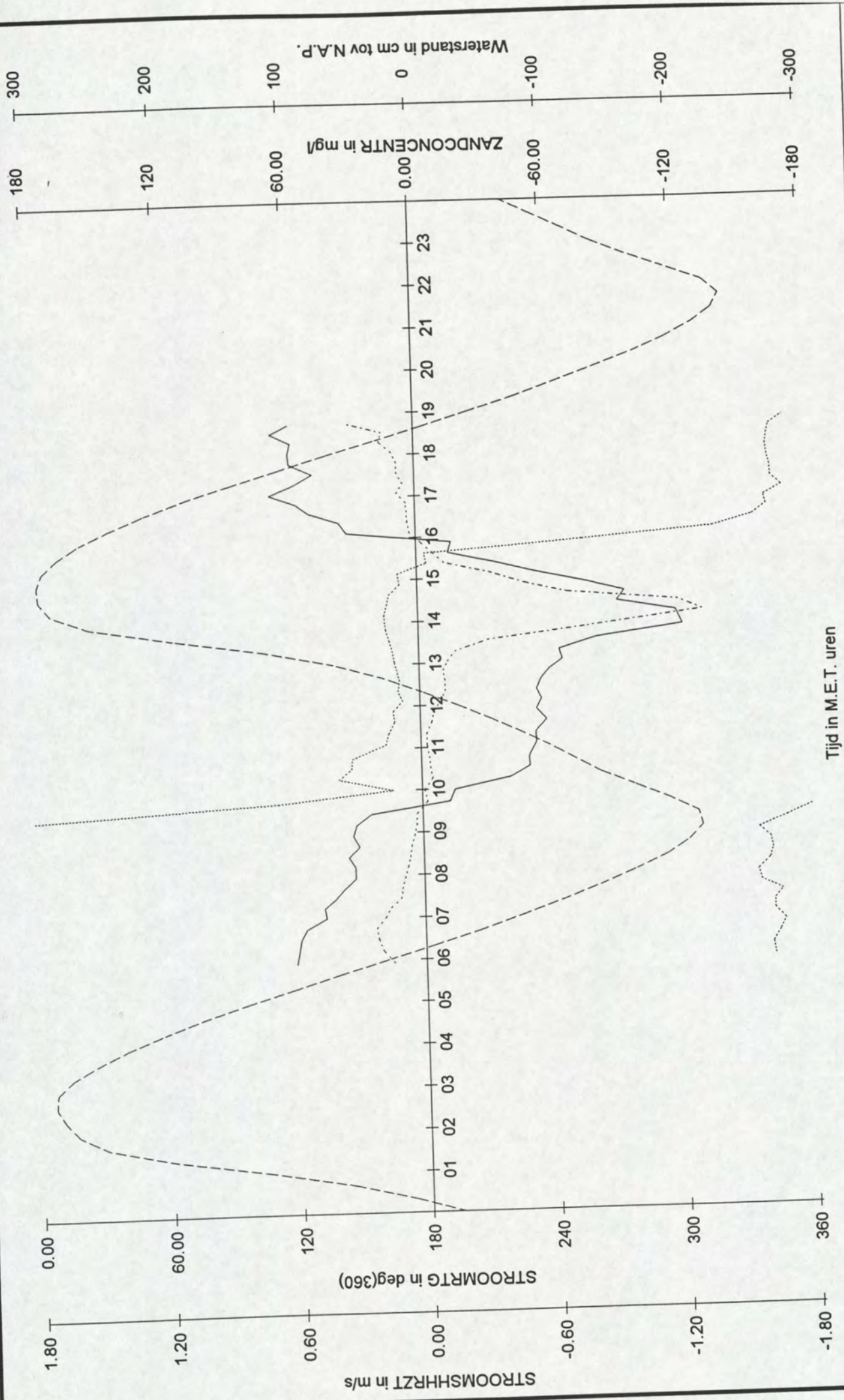
10. Gemiddelde krommen stroom en zandconcentratie



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Hansweert

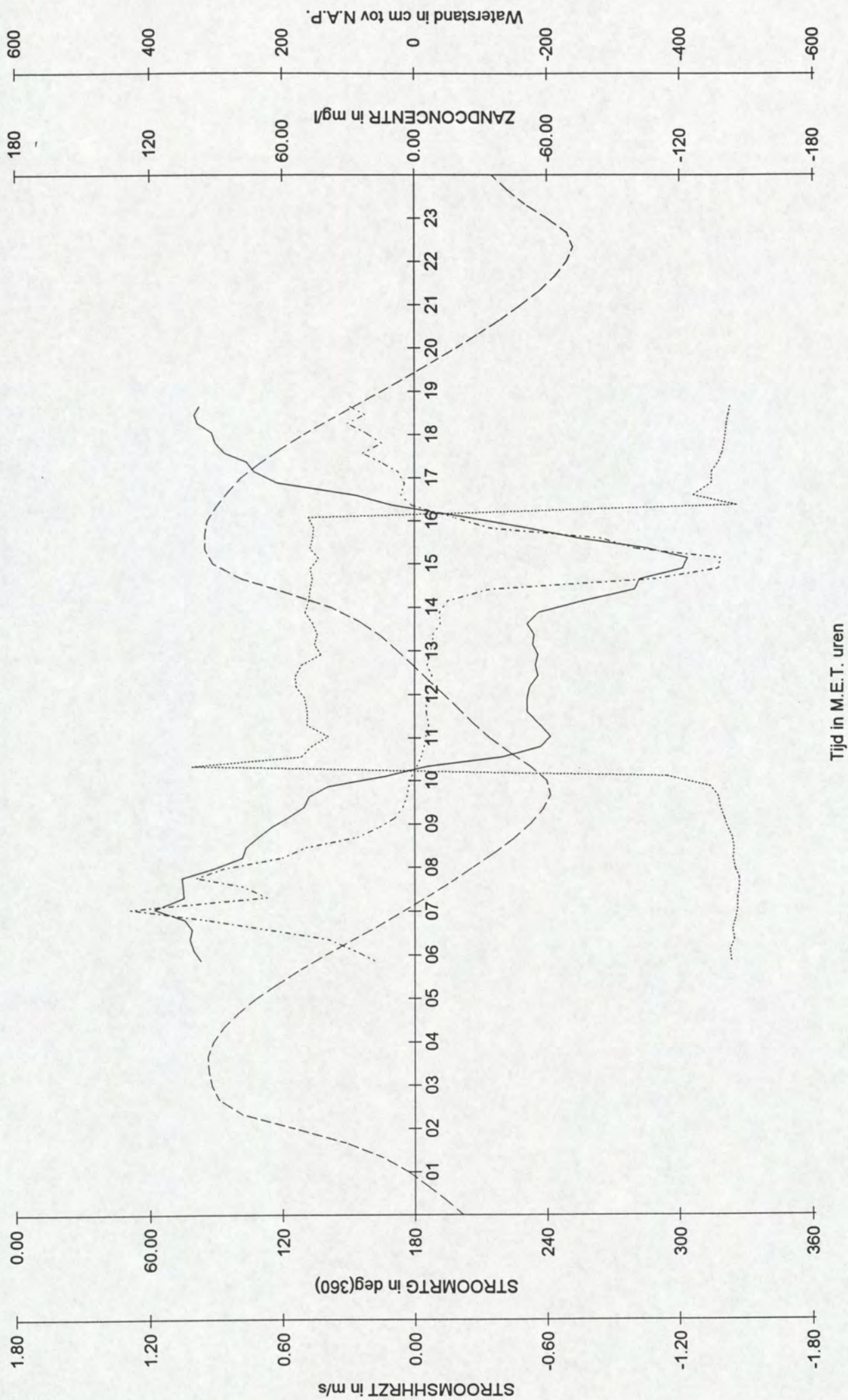


STROOMSHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Hansweert

Tijd in M.E.T. uren

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : StenxMP2

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

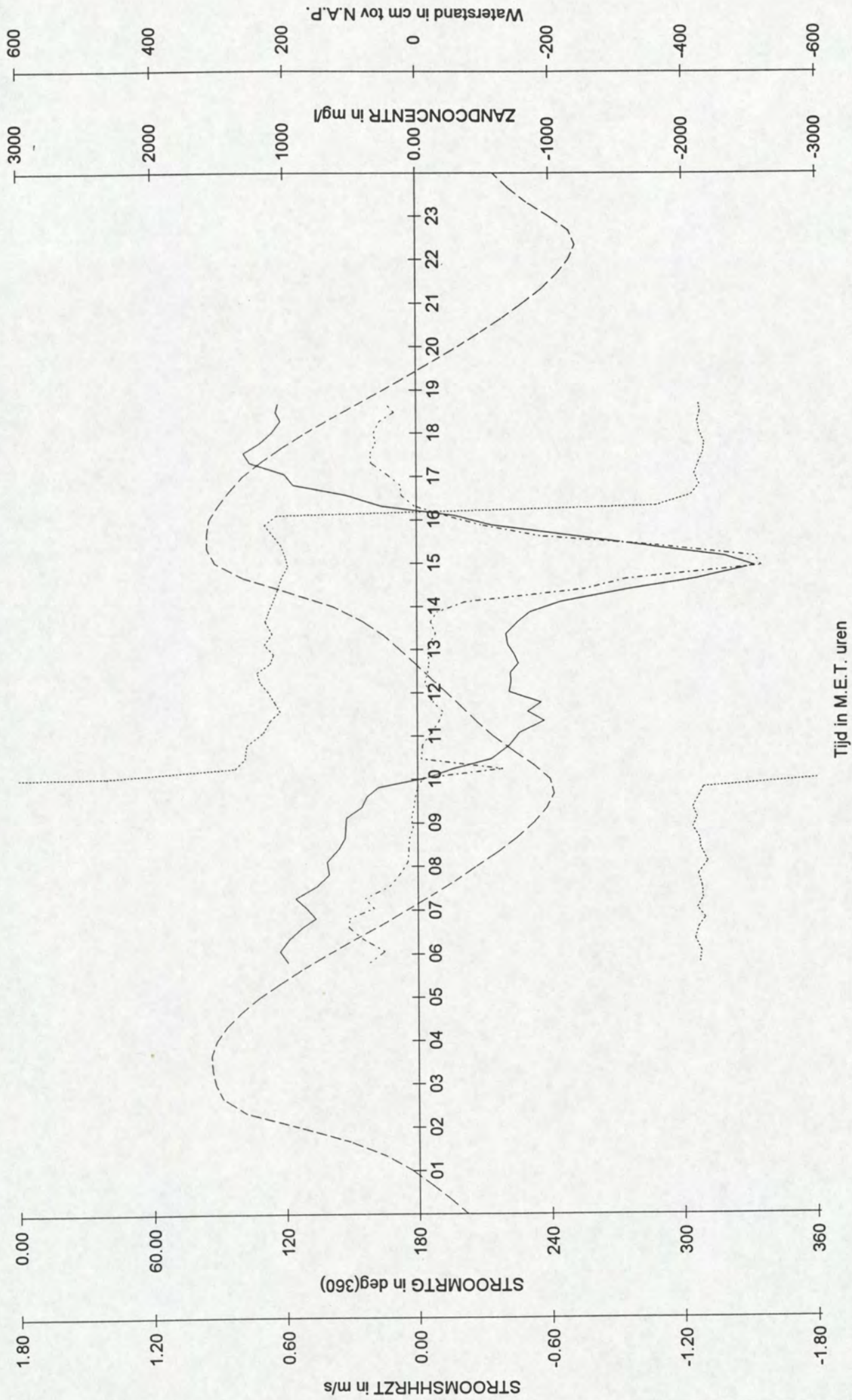


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

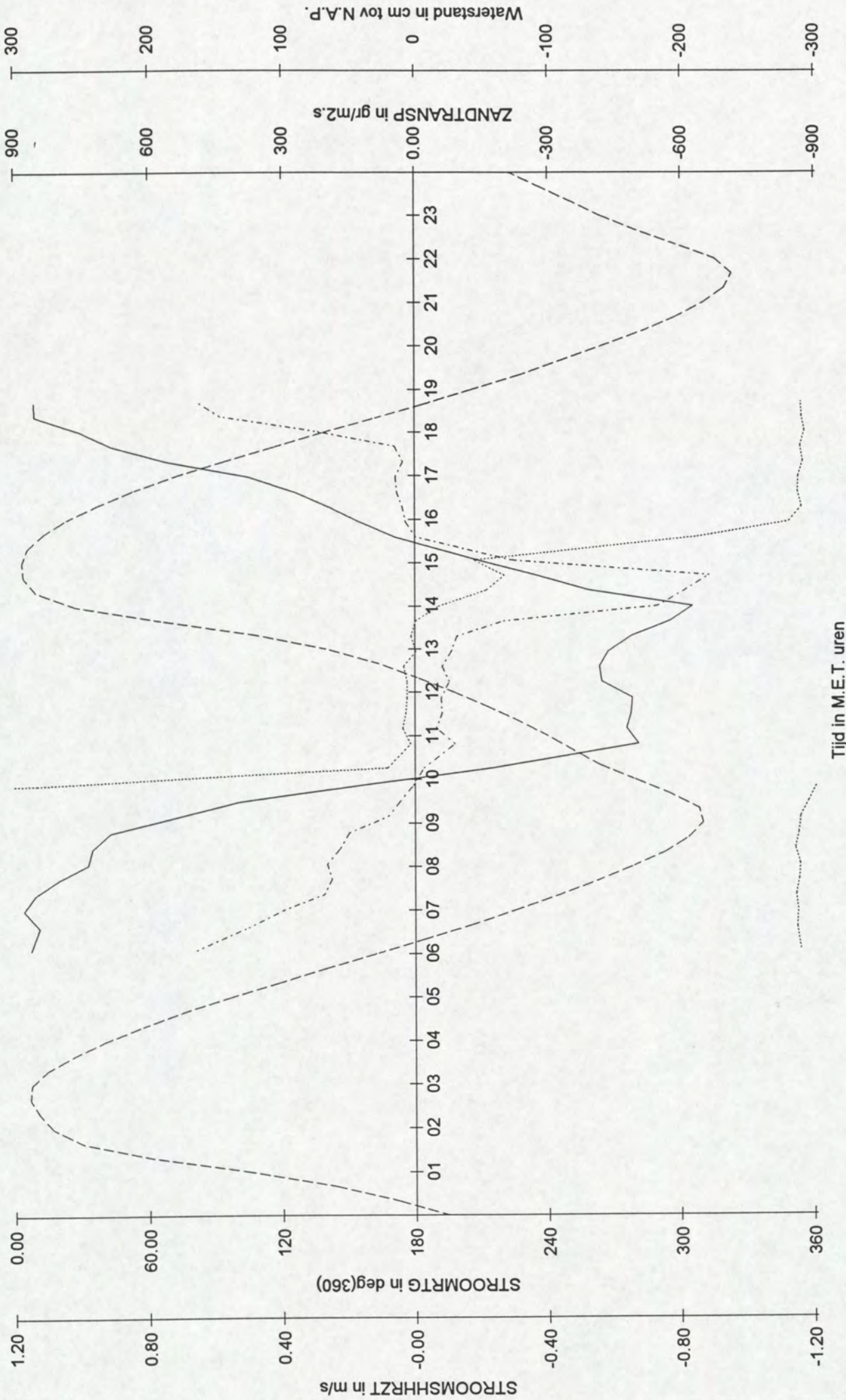
Raainaam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Hansweert



Rijkswaterstaat	Raainaam : Debietraal5A2	STROOMSHHRZT
Directie Zeeland	Datum Opname : 26/10/1999	STROOMRTG
Meetdienst Zeeland	Streefvoetmaat : 1718	ZANDCONCENTR
	Vaartuig : KalooMP4	Waterstand te Hansweert

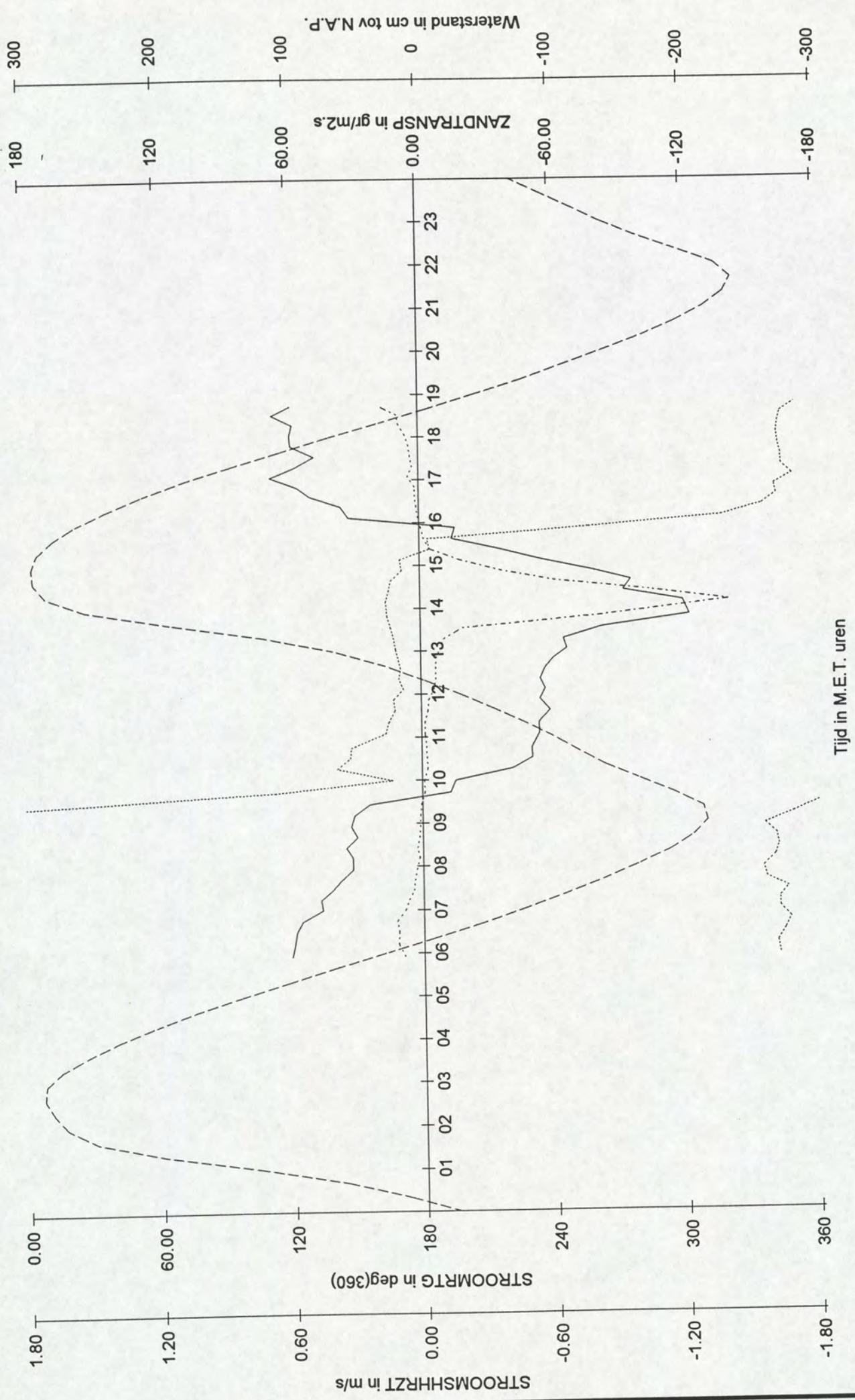
11. Gemiddelde krommen stroom en zandtransport



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaan : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

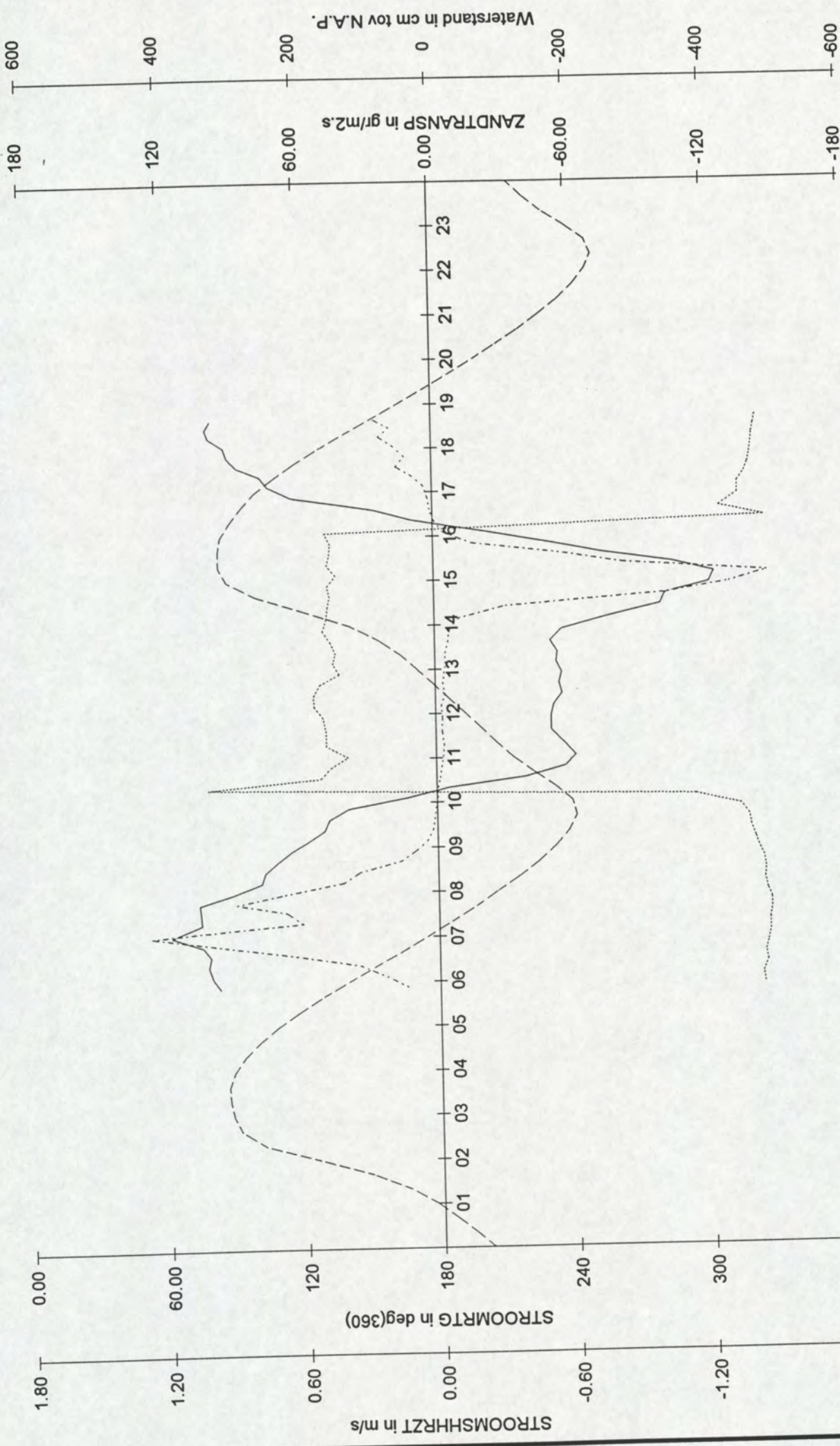
STROOMSHHRZT
STROOMMRTG
ZANDTRANSPI
Waterstand te Hansweert



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

STROOMSHHRZT
STROOMMRTG
ZANDTRANS
Waterstand te Hansweert

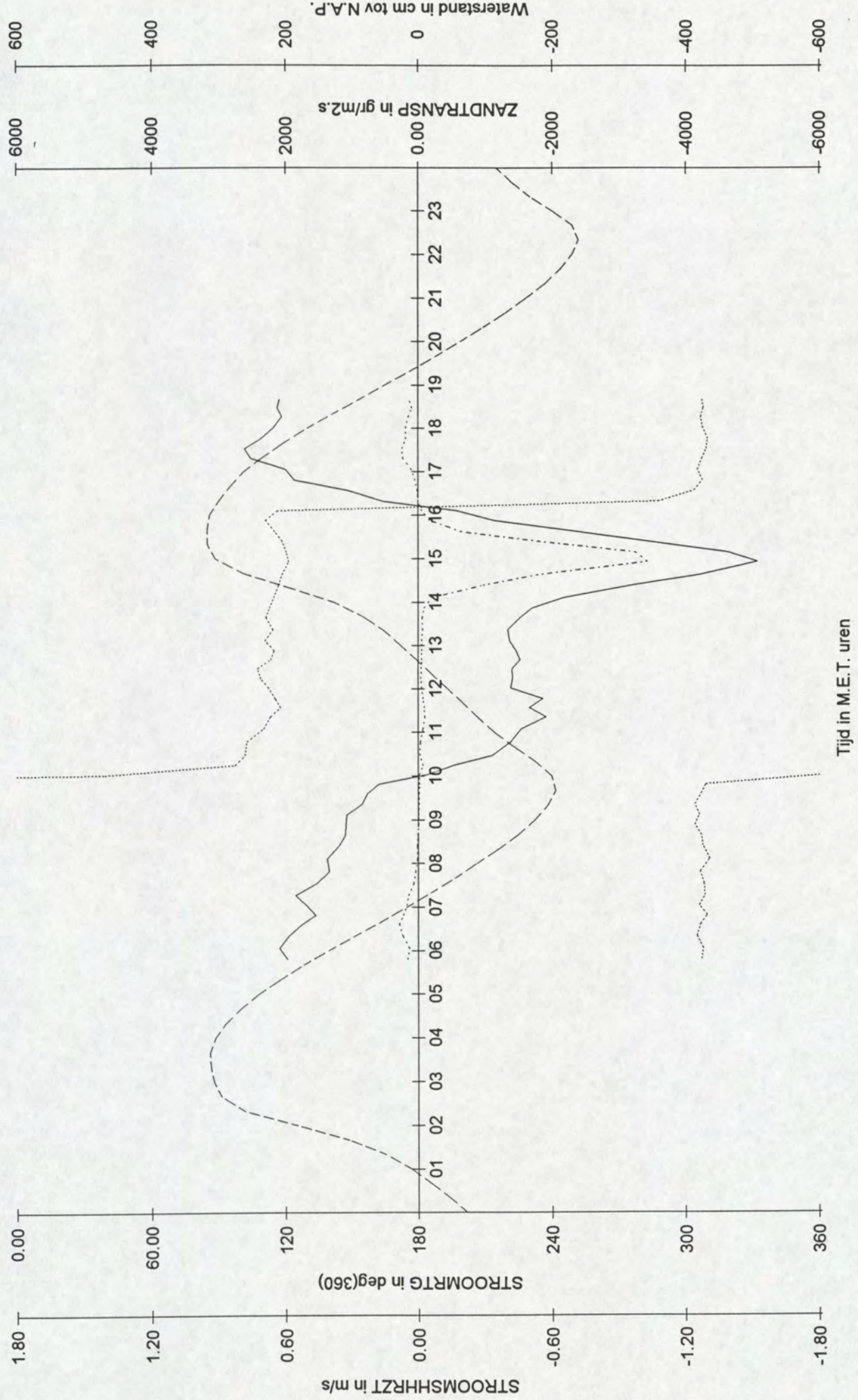


Tijd in M.E.T. uren

STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Hansweert

Raainaam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

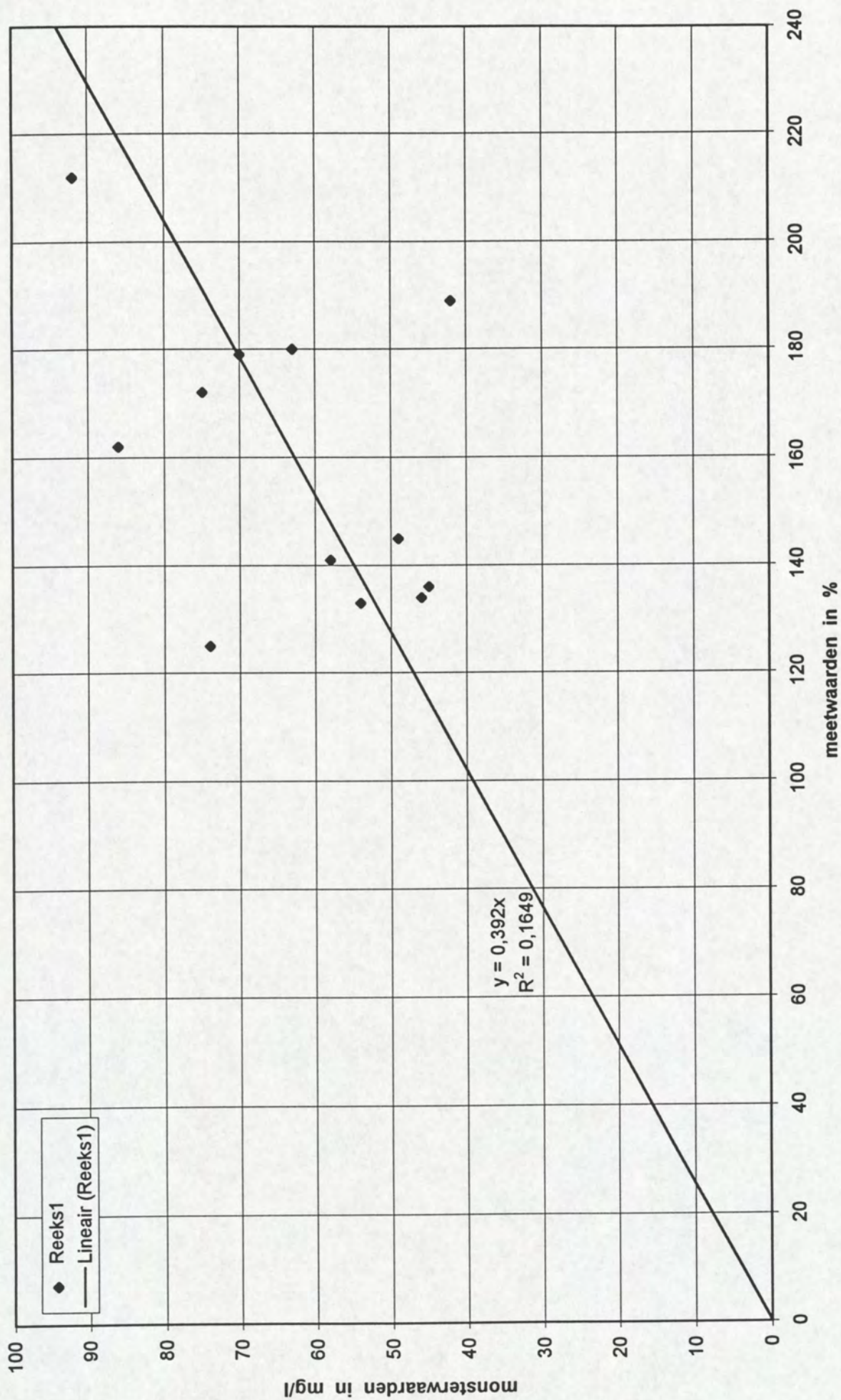


STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Hansweert

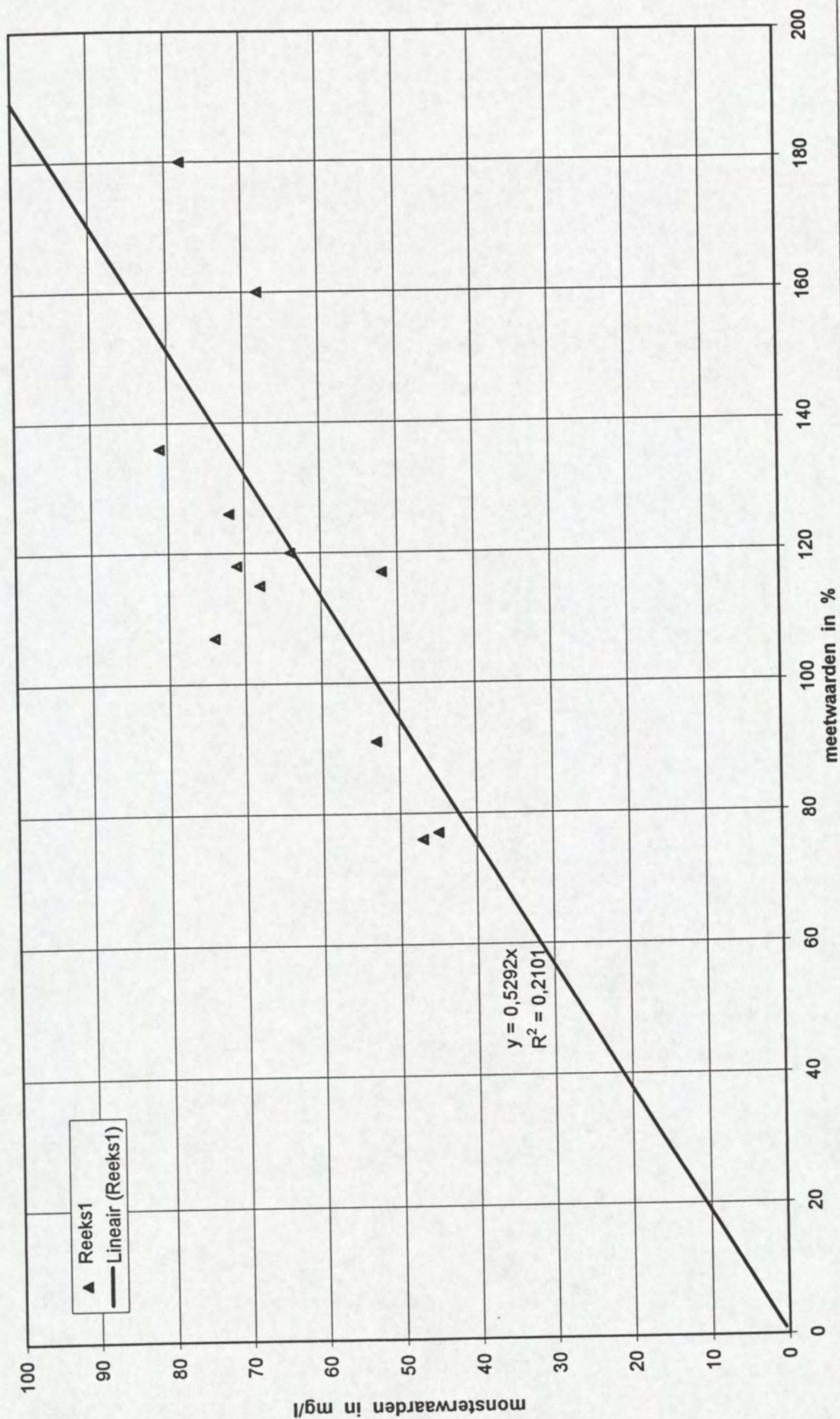
Raai naam : Debietaal5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : KalooMP4

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

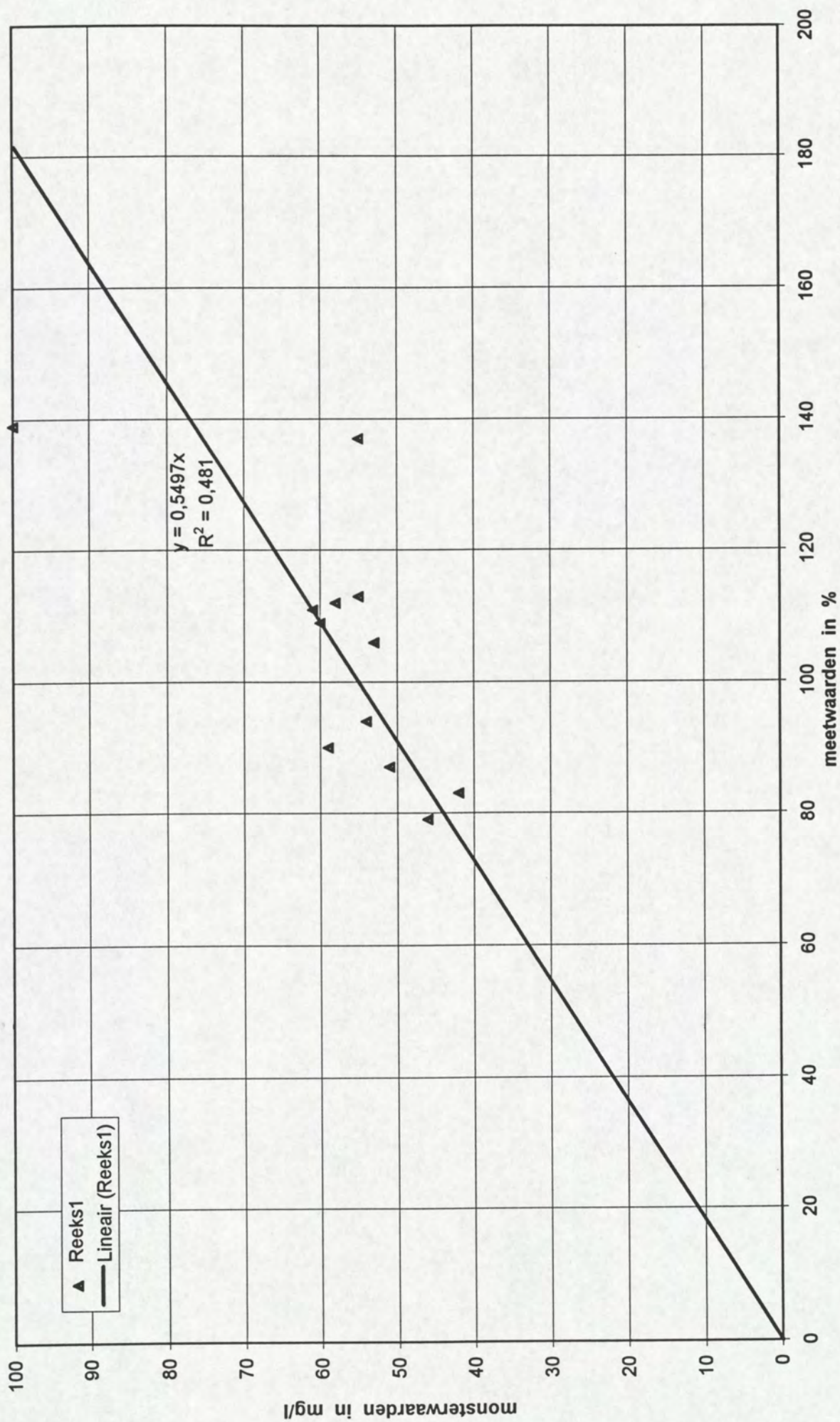
IJklijn MEX Kaloo
Raai 5A mp. 1
25 oktober 1999



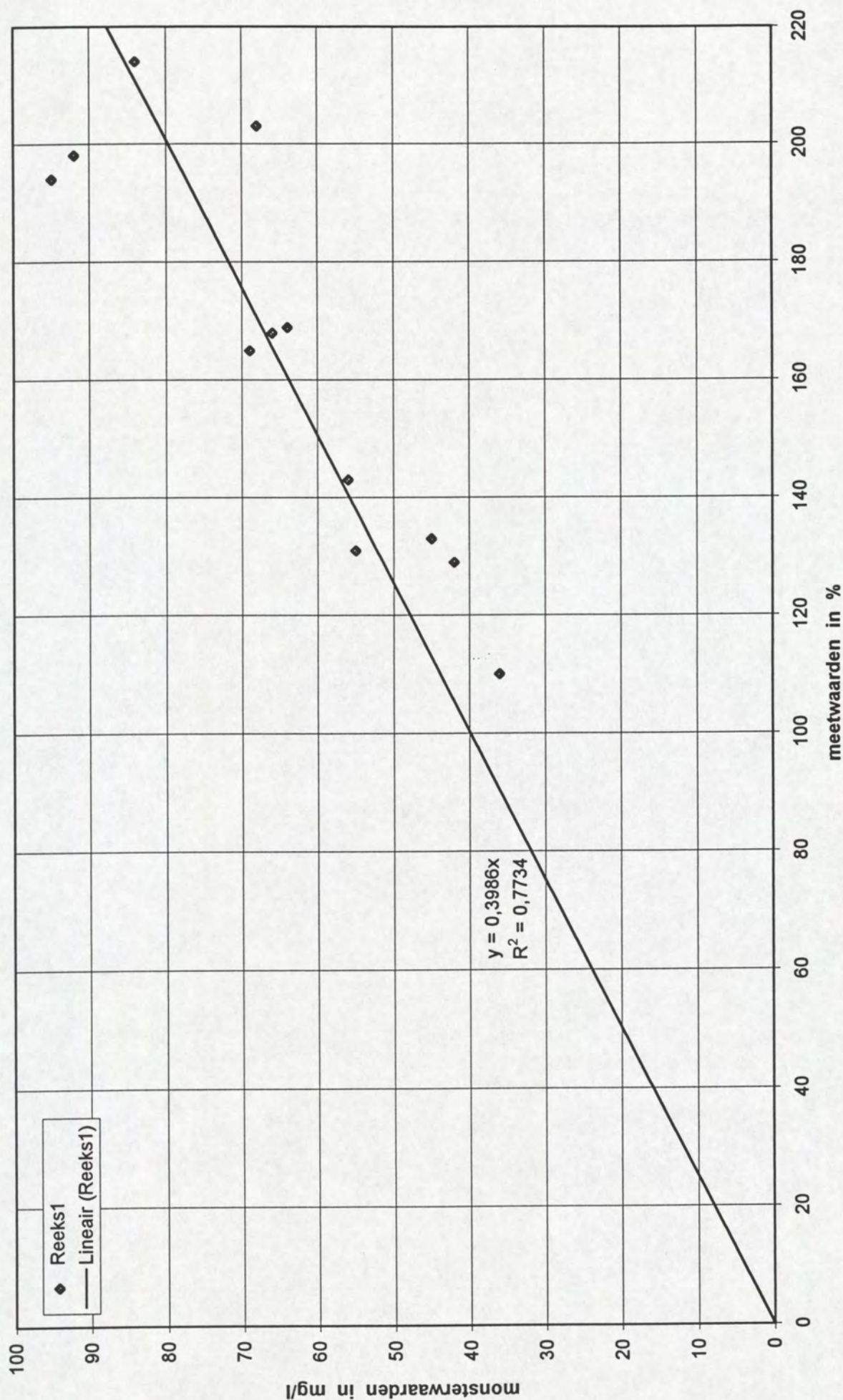
IJklijn MEX Sterix
Raai 5A mp. 2
25 oktober 1999



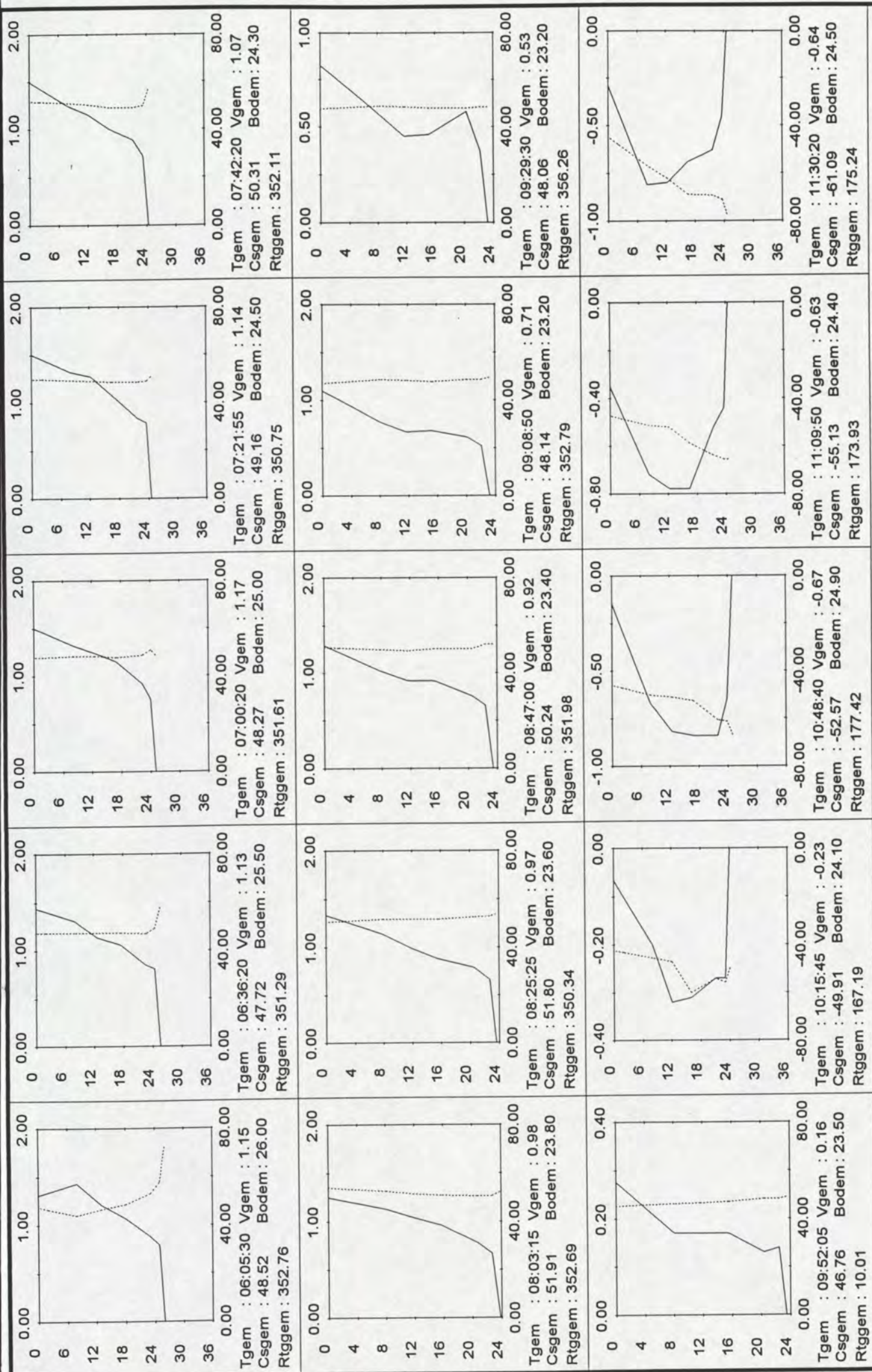
IJklijn MEX Sierix
Raai 5A mp. 3
26 oktober 1999



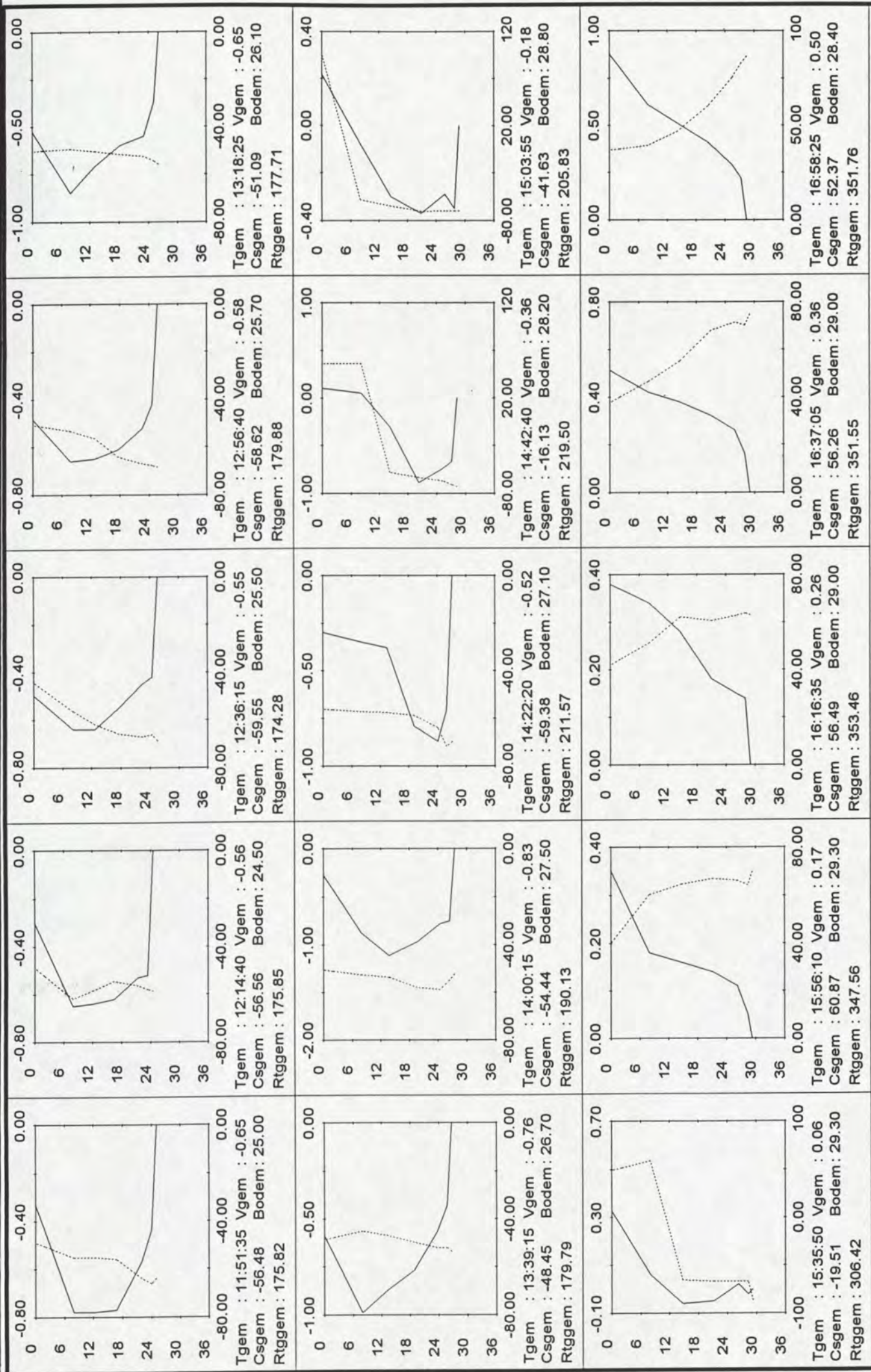
IJklijn MEX Kaloo
Raai 5A mp. 4
26 oktober 1999

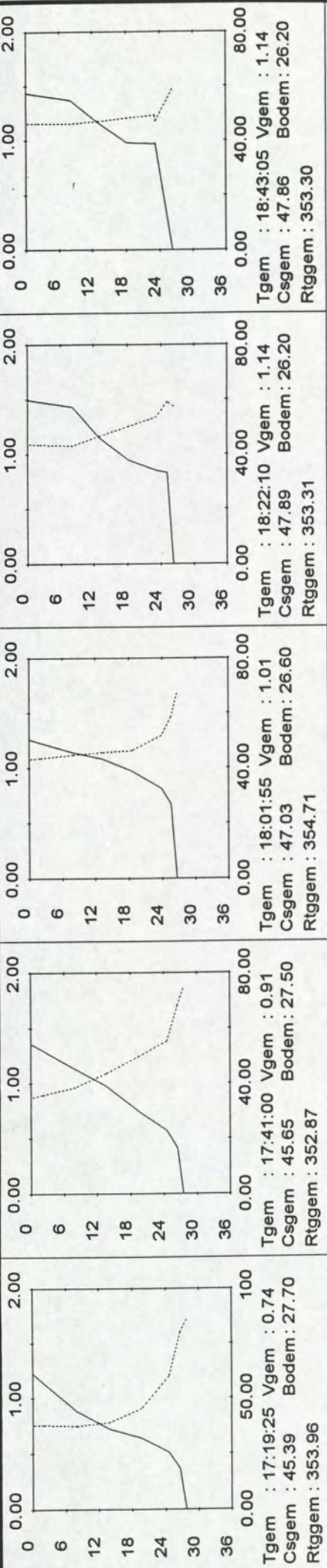


13. Vertikalen slibconcentratie

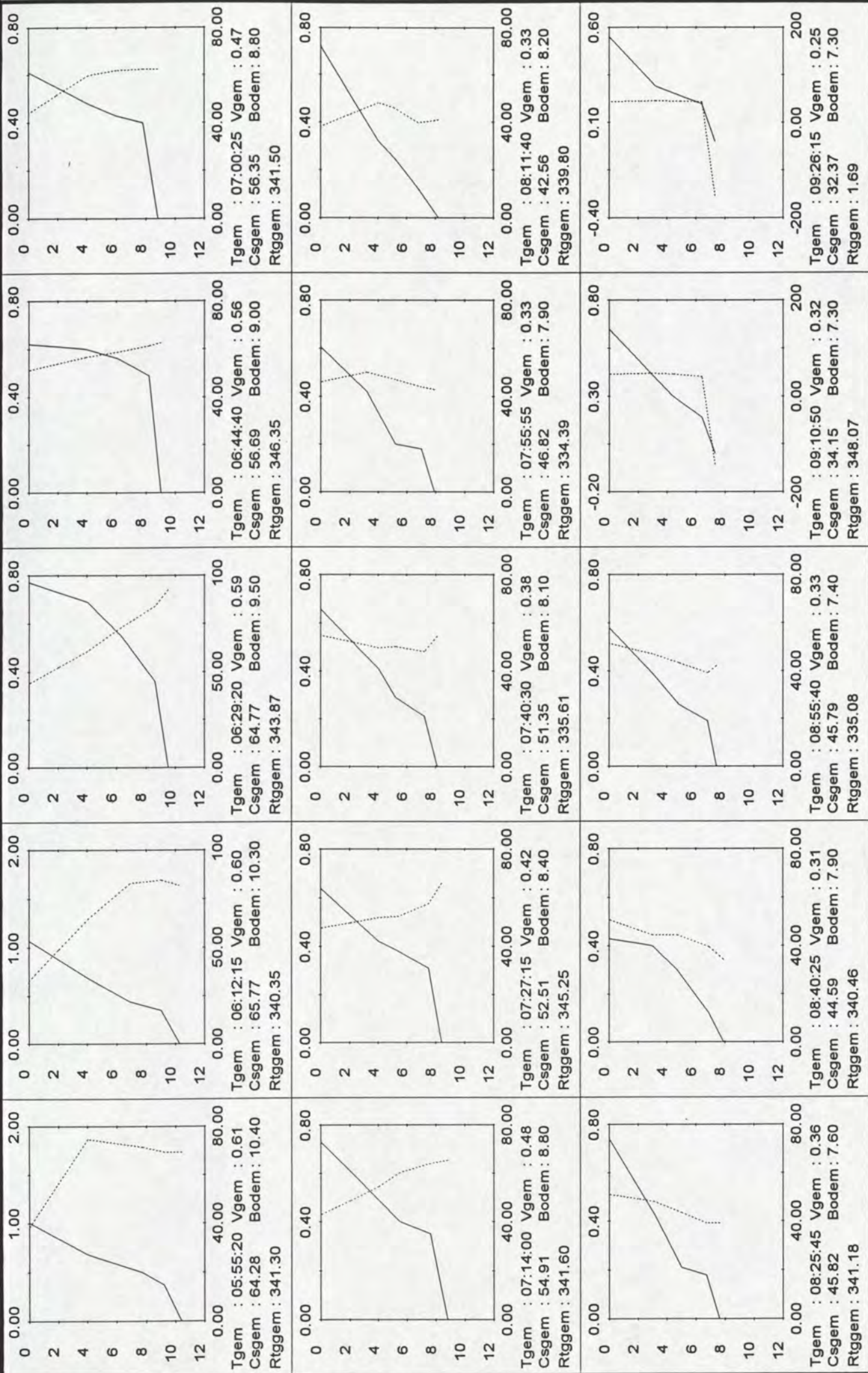


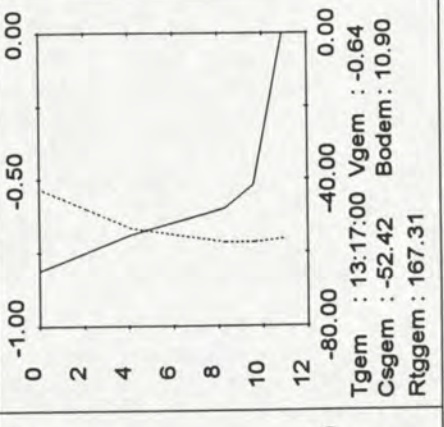
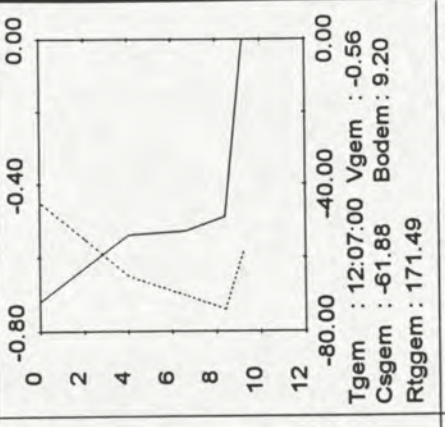
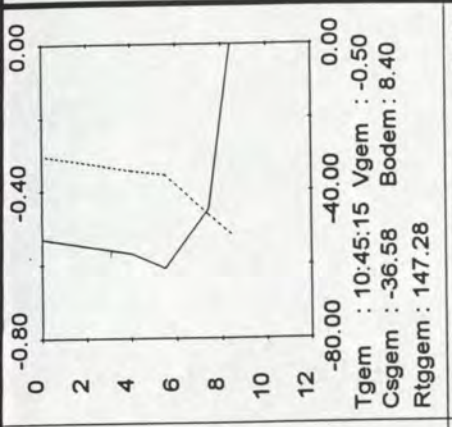
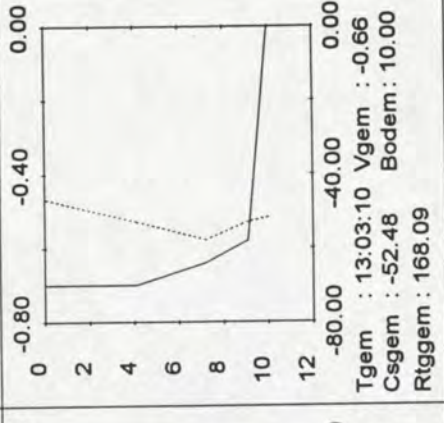
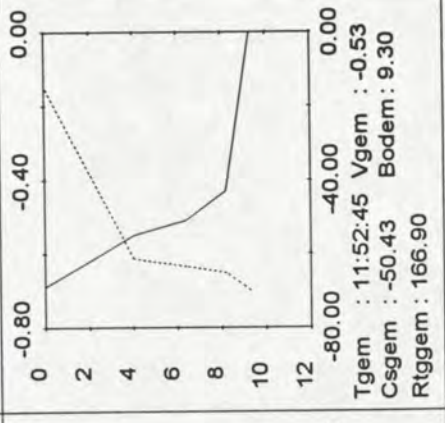
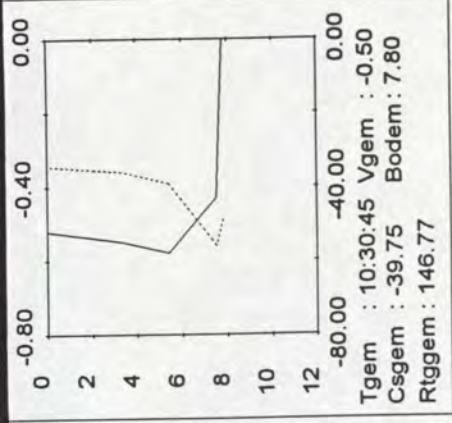
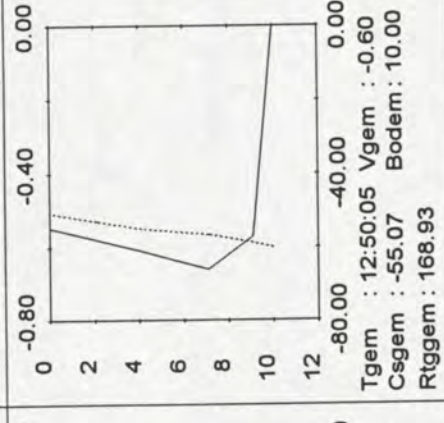
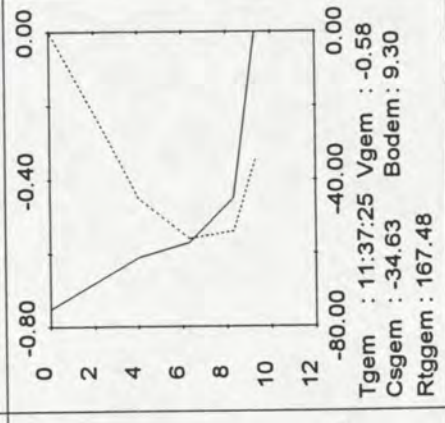
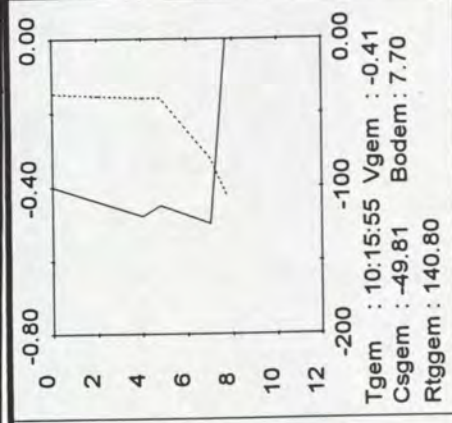
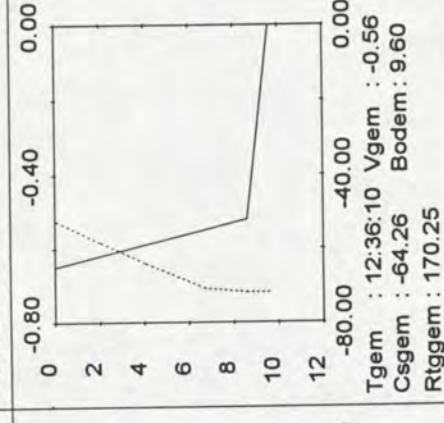
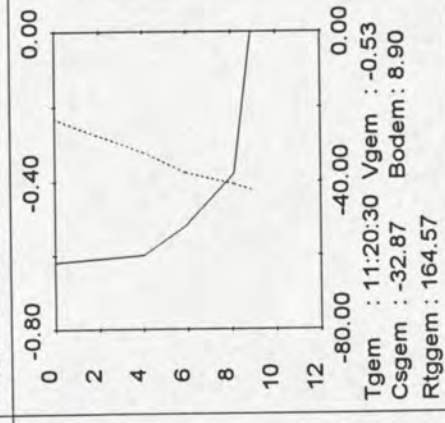
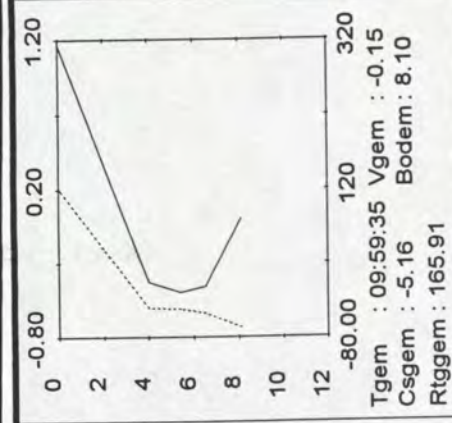
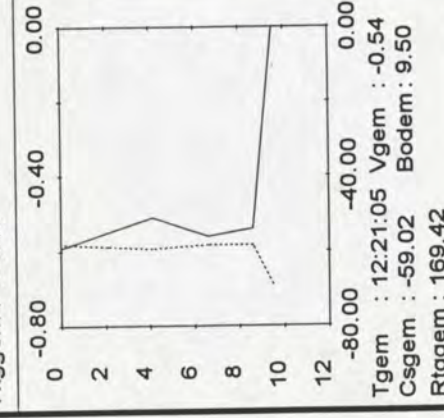
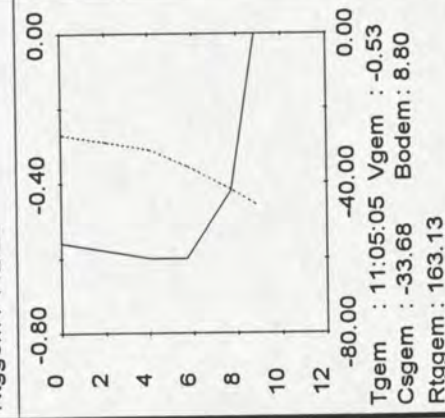
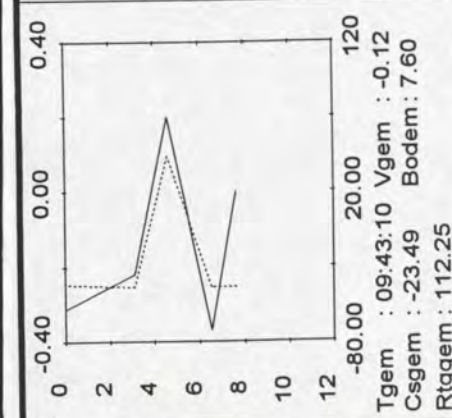
Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raainaanam : Debietraa5A1	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname : 25/10/1999	Gemiddelde SLIBCONCENTR in mg/l Y as	Diepte in M	SLIBCONCENTR
	Streefvoetmaat : 238	Gemiddelde STROOMRTG in deg(360)X as boven	STROOMSHRZT in cm/s	
	Vaartuig : KalooMP1	X as onder	SLIBCONCENTR in mg/l	





Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raainaam	: Debietraa5A1	Tgem	: Gemiddelde tijd in uur:min:sec.	Vgem	: Gemiddelde STROOMSHHRZT in m/s	STROOMSHHRZT
	Datum Opname	: 25/10/1999	Csgem	: Gemiddelde SLIBCONCENTR in mg/l	Y as	: Diepte in M	SLIBCONCENTR
	Streefvoetmaat	: 238	Rtggem	: Gemiddelde STROOMRTG in deg(360)	X as boven	: STROOMSHHRZT in cm/s	
	Vaartuig	: KalooMP1	Bodem	: Bodemhoogte in M	X as onder	: SLIBCONCENTR in mg/l	





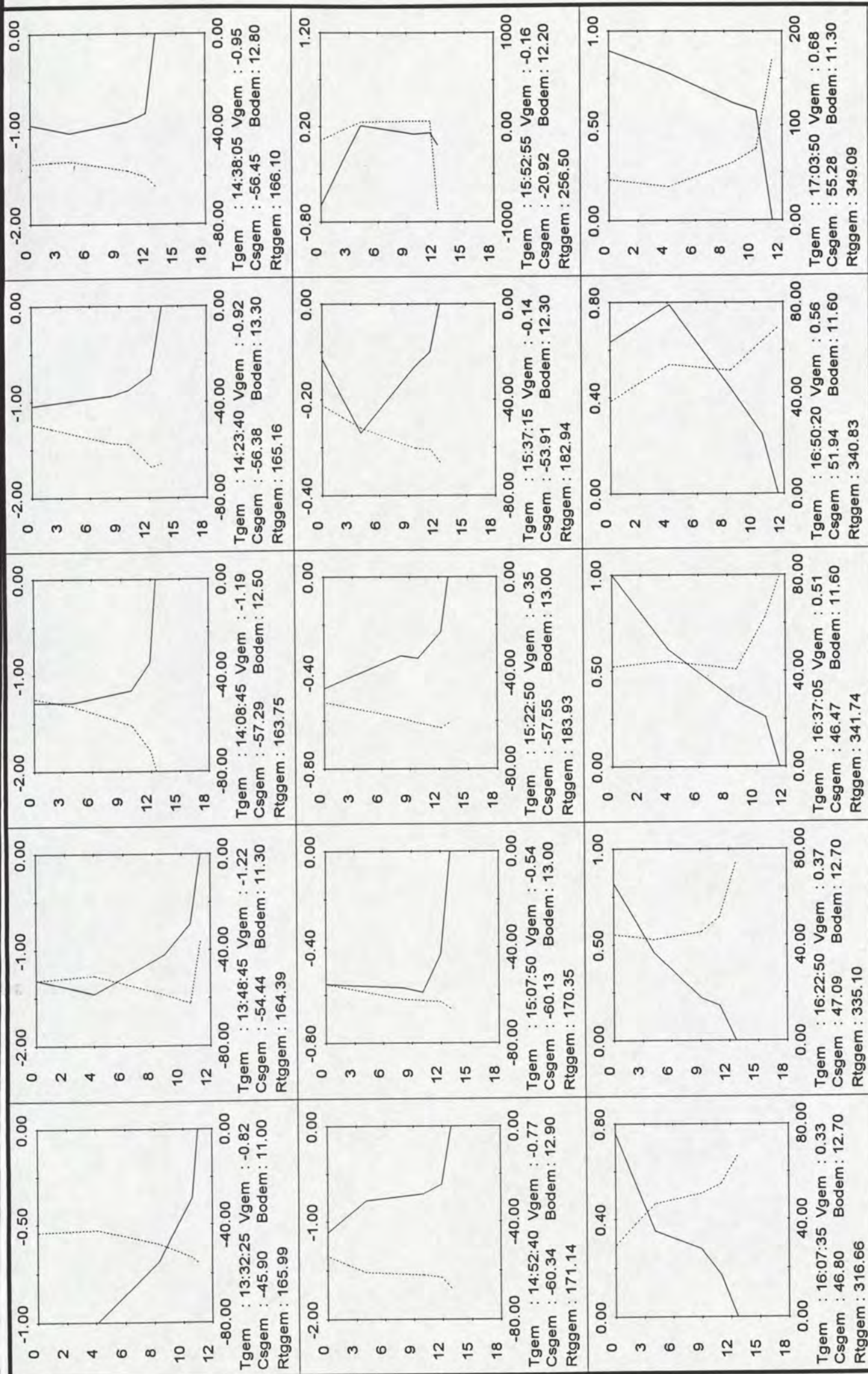
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

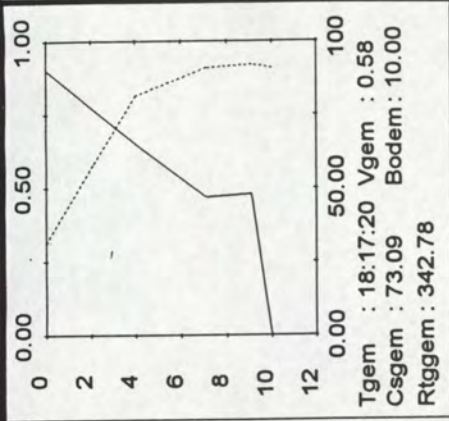
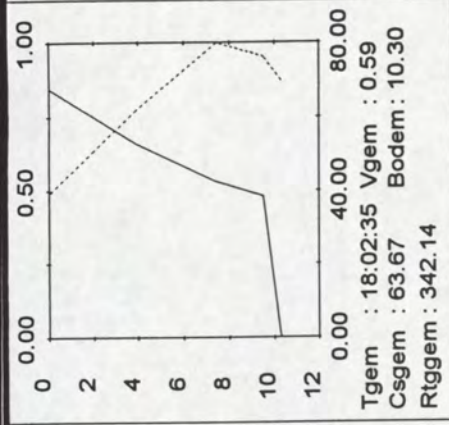
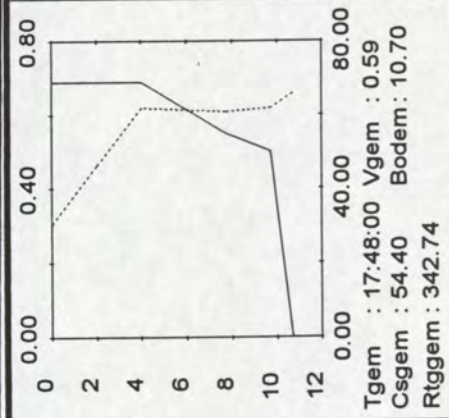
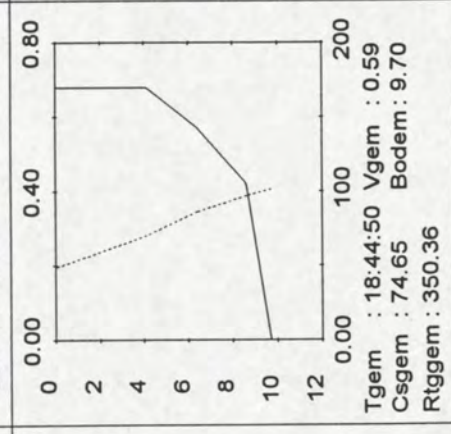
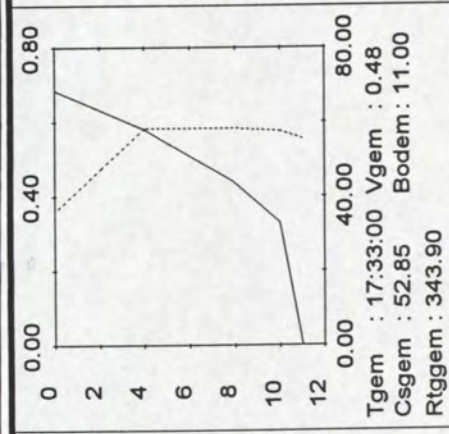
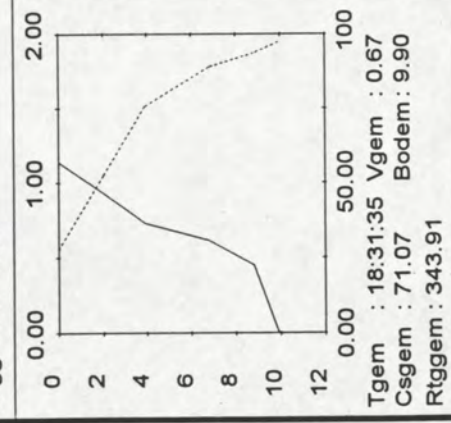
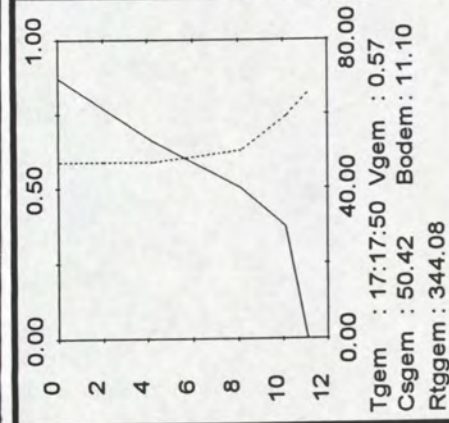
Raanaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

: Gemiddelde tijd in uur:min:sec.	Vgem
: Gemiddelde SLIBCONCENTR in mg/l	Y as
: Gemiddelde STROOMRTG in deg/(360X as boven	
: Bodemhoogte in M	X as onder

: Gemiddelde STROOMSHH
: Diepte in M
: STROOMSHHRTZ in cm/s
: SLIBCONCENTR in mg/l

STROOMSHRZT
SLIBCONCENTR





Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

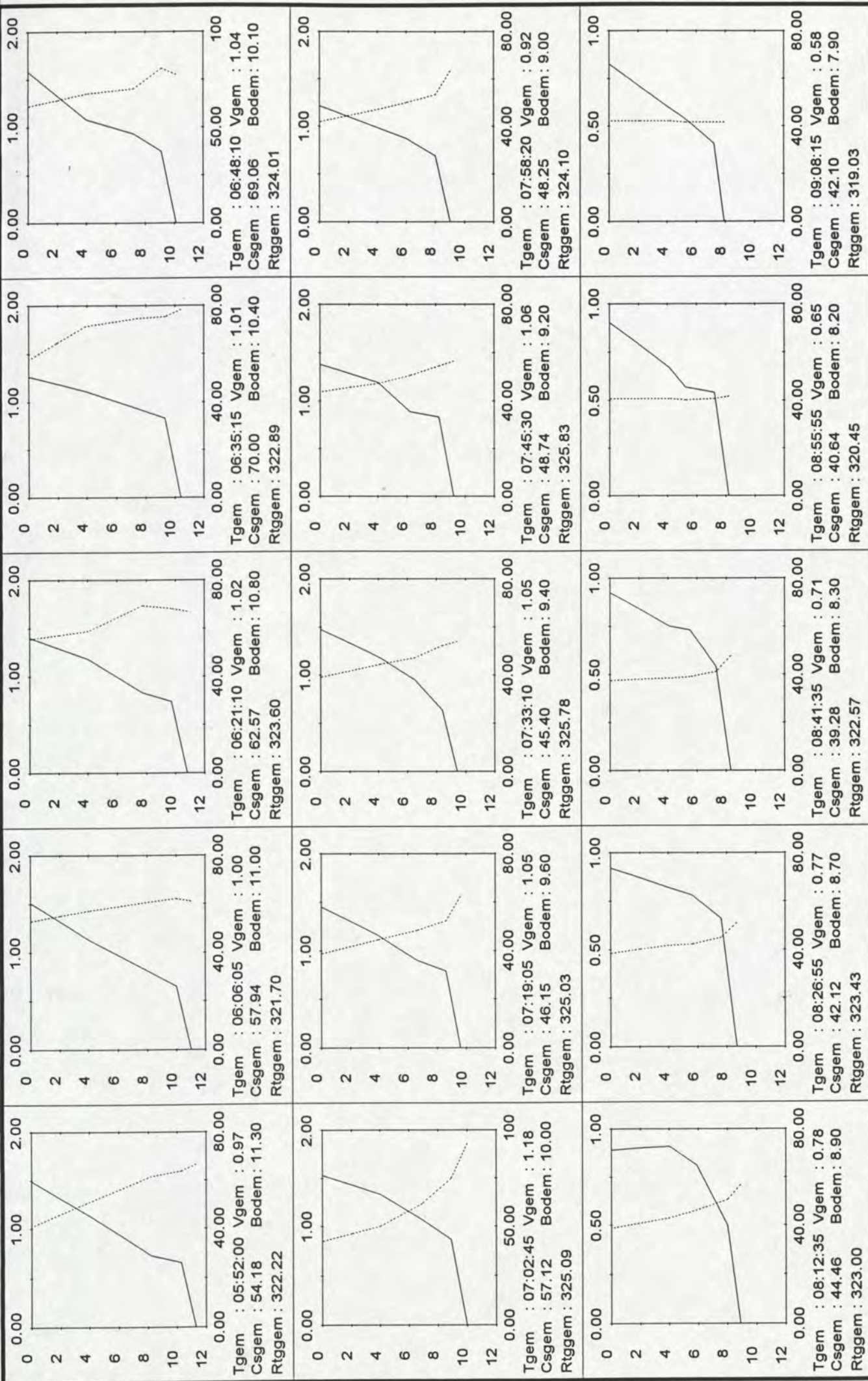
Raanaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

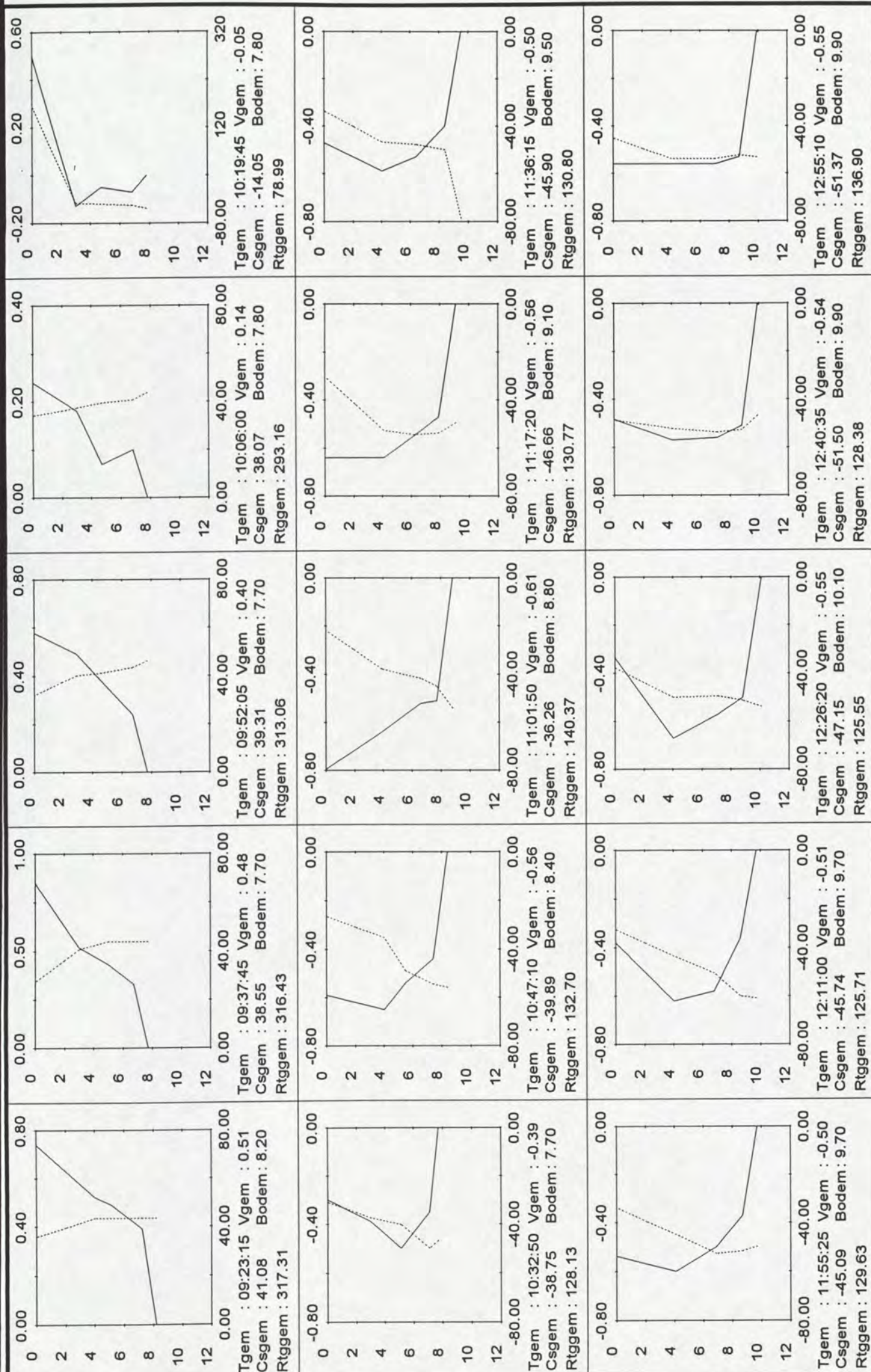
Tgem
Csgem
Rtggem
Bodem

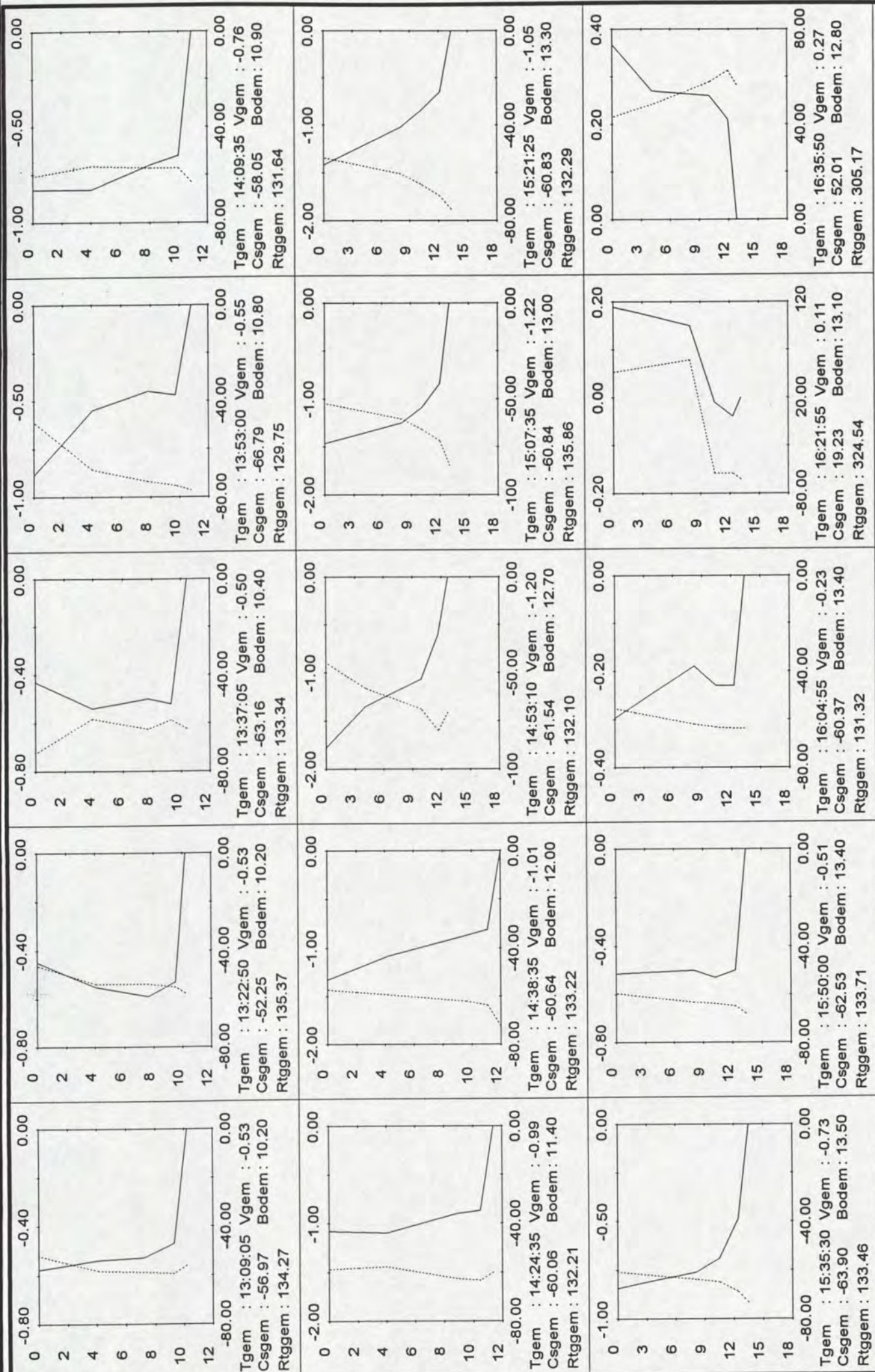
: Gemiddelde tijd in uur: min: sec. Vgem
: Gemiddelde SLIBCONCENTR in mg/l Y as
: Gemiddelde STROOMRTG in deg(360X as boven
: Bodemhoogte in M X as onder

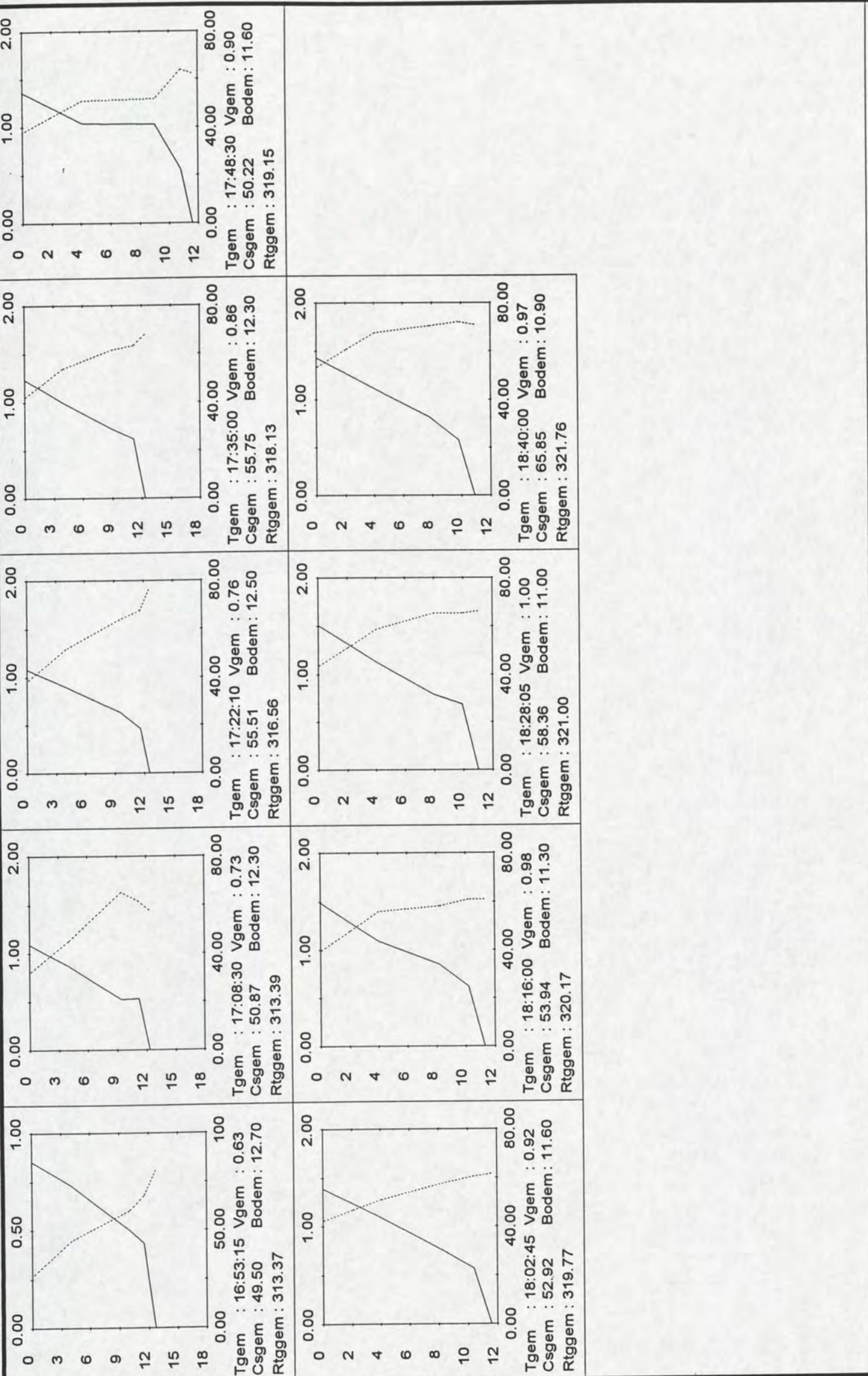
- : Gemiddelde STROOMSHRZT in m/s
- : Diepte in M
- : STROOMSHRZT in cm/s
- : SLIBCONCENTR in mg/l

**STROOMSHRZT
SLIBCONCENTR**

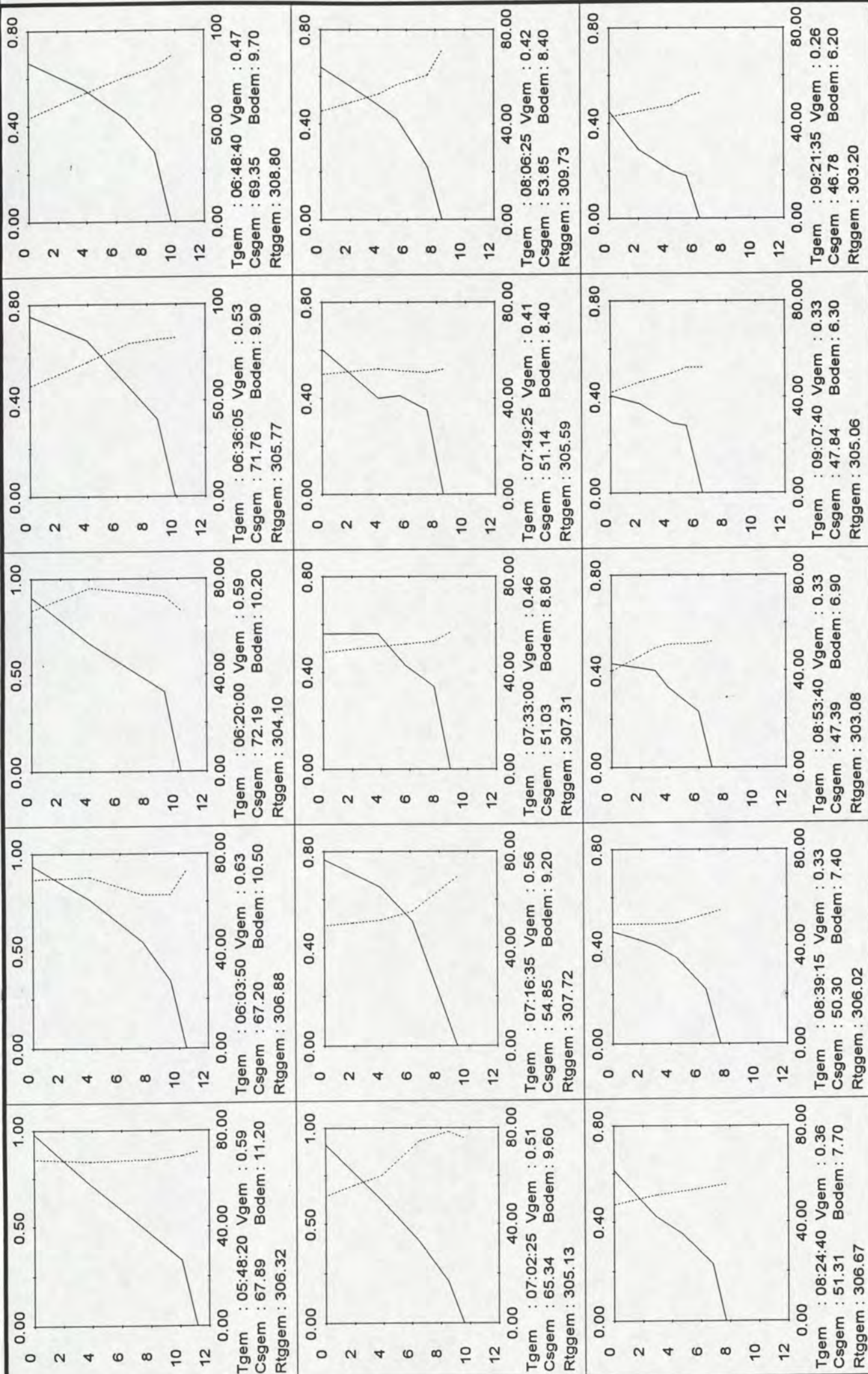




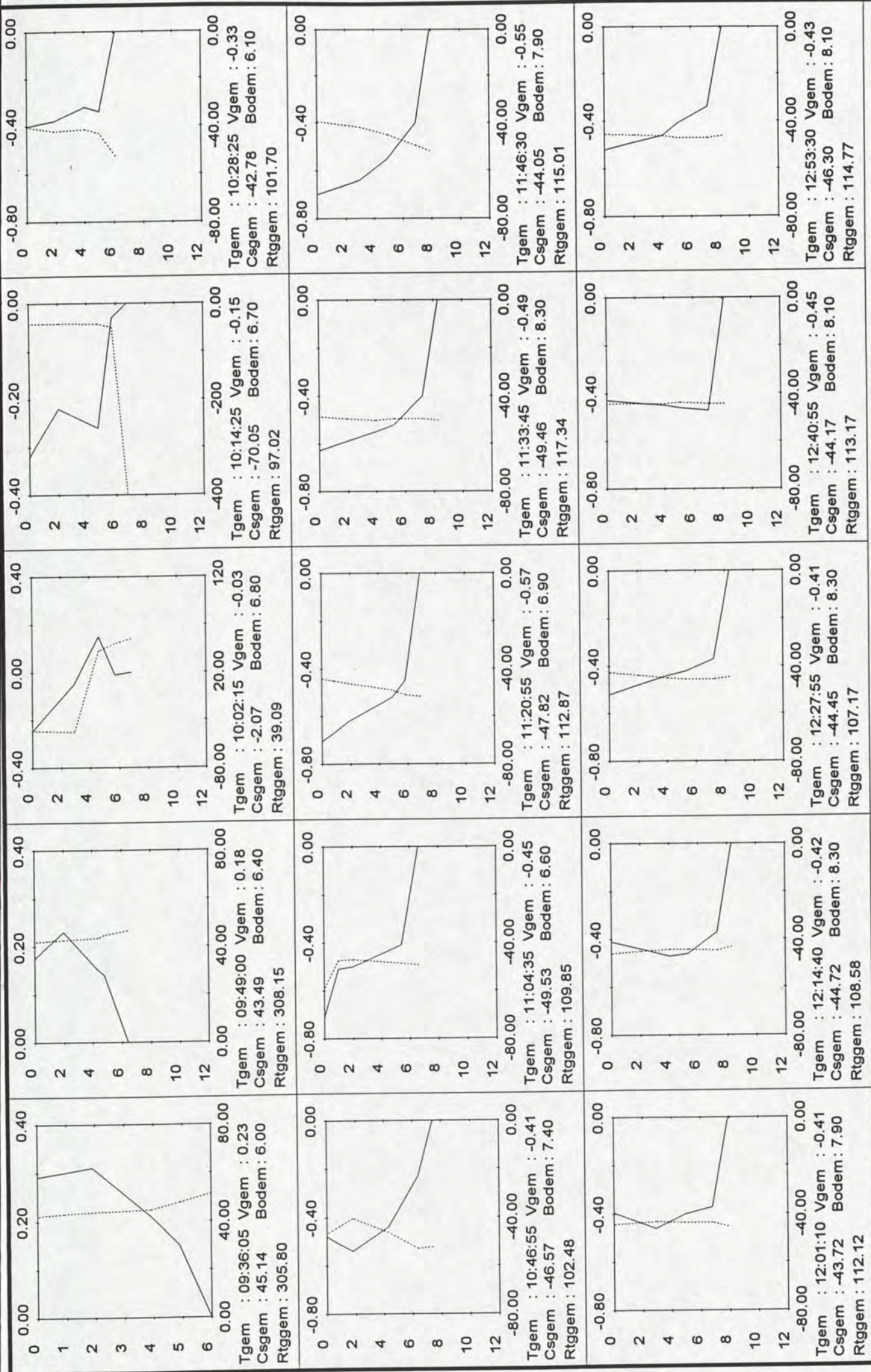


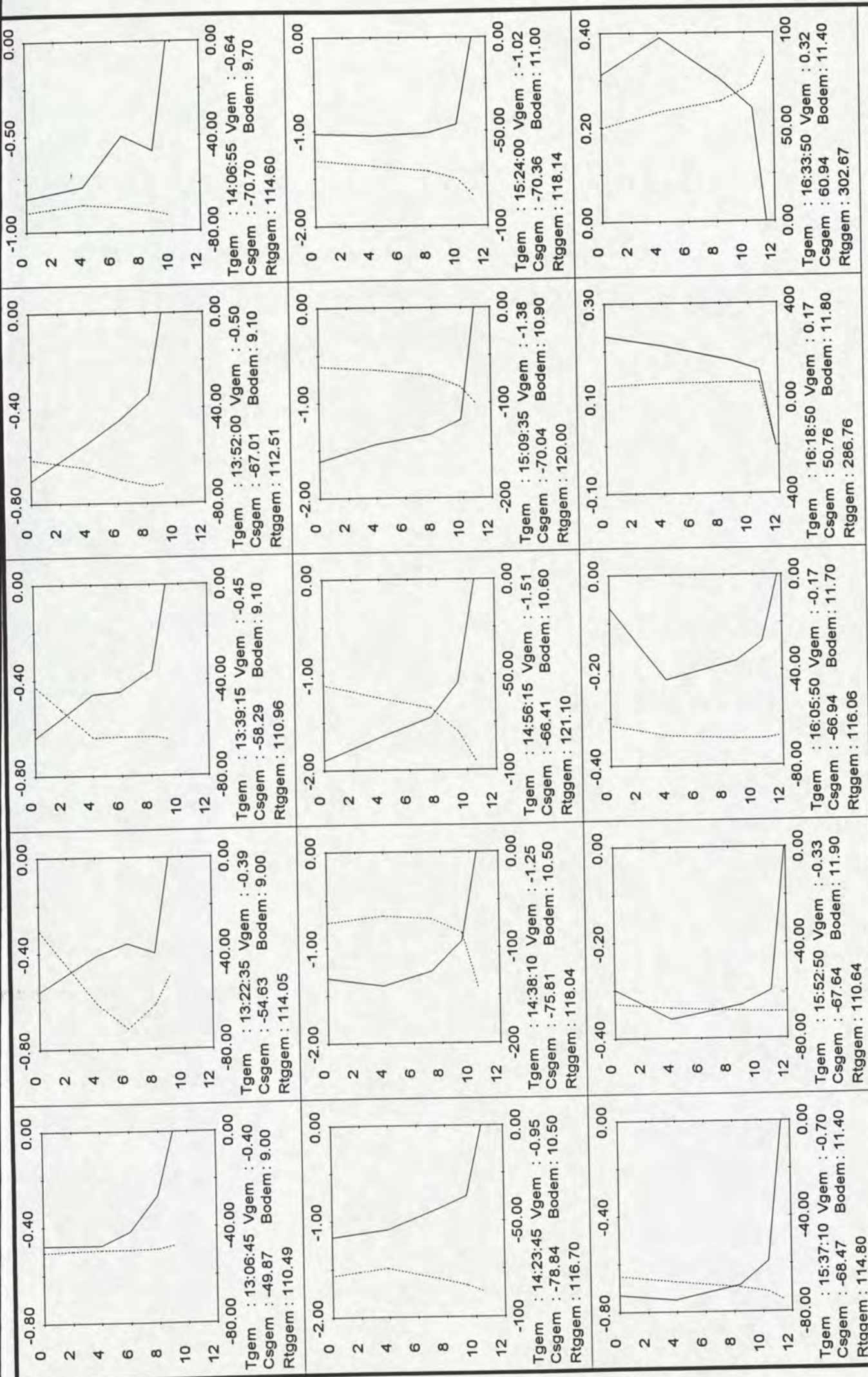


Rijkswaterstaat Directie Zeeland Meetdienst Zeeland		Raainaam : Debietraai5A2 Datum Opname : 26/10/1999 Streefvoetmaat : 940 Vaartuig : SierixMP3	Tgem : Csgem : Rtggem : Bodem :	Gemiddelde SLIBCONCENTR in mg/l Y as Gemiddelde STROOMRTG in deg(360X as boven X as onder Bodemhoogte in M	Gemiddelde STROOMSHRZT in m/s Diepte in M STROOMSHRZT in cm/s SLIBCONCENTR in mg/l	STROOMSHRZT SLIBCONCENTR
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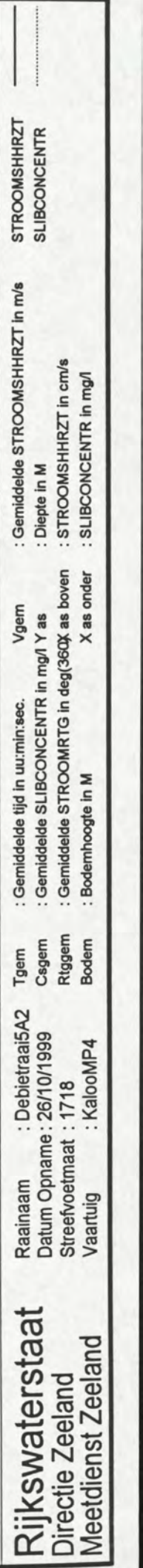
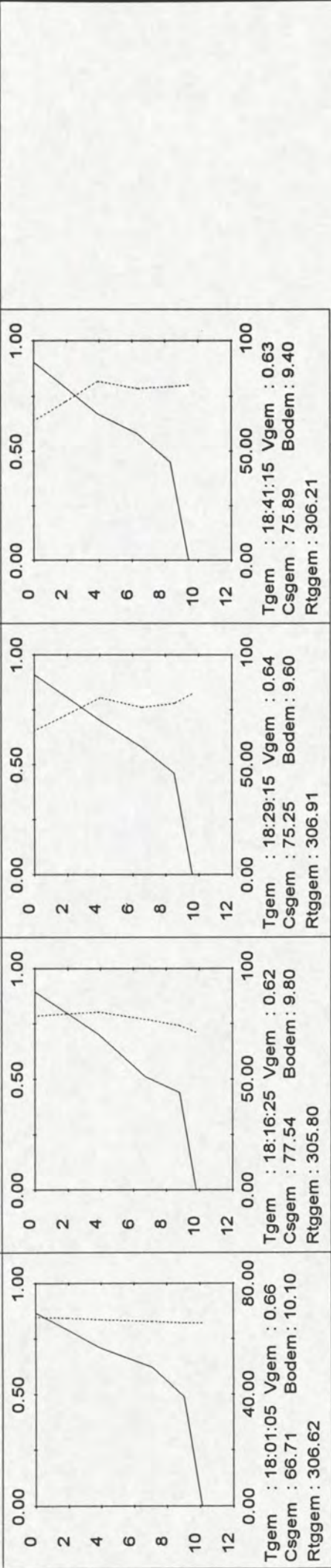
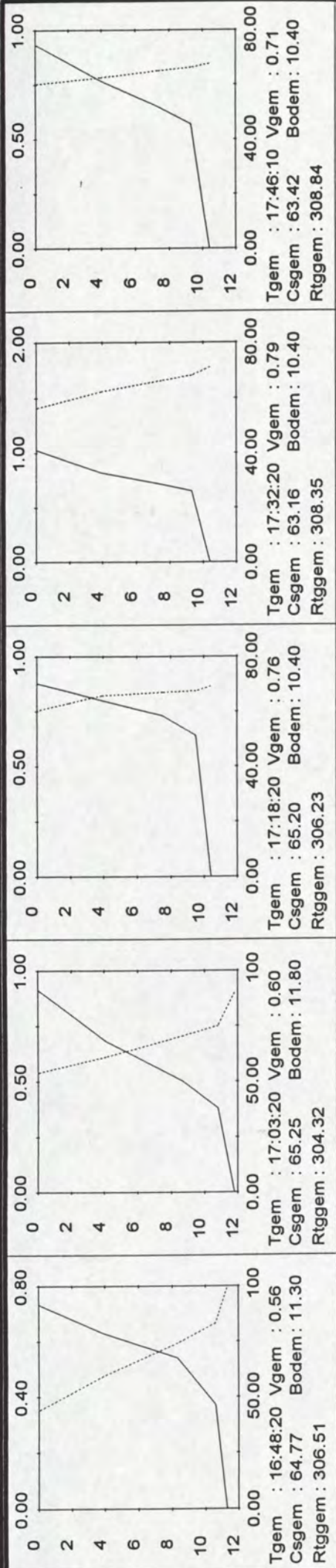


Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raaienaar : Debietaal5A2	Gemiddelde tijd in uur:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname : 26/10/1999	Gemiddelde SLIBCONCENTR in mg/l	Y as	Diepte in M	SLIBCONCENTR
	Streefvoetmaat : 1718	Gemiddelde STROOMRTG in deg(360°)	as boven	STROOMSHRZT in cm/s	
	Vaartuig : KalooMP4	Bodemhoogte in M	X as onder	SLIBCONCENTR in mg/l	





Rijkswaterstaat		Raainaam		: Debietraal5A2		Tgem		: Gemiddelde tijd in uur:min:sec.		Vgem		: Gemiddelde STROOMSHHRZT in m/s		STROOMSHHRZT	
Directie Zeeland		Datum Opname		: 26/10/1999		Csgem		: Gemiddelde SLIBCONCENTR in mg/l		Y as		: Diepte in M		SLIBCONCENTR	
Meetdienst Zeeland		Streefvoetmaat		: 1718		Rtggem		: Gemiddelde STROOMRTG in deg(360X as boven				: STROOMSHHRZT in cm/s			
		Vaartuig		: KalooMP4		Bodem		: Bodemhoogte in M				: SLIBCONCENTR in mg/l			



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : KalooMP4

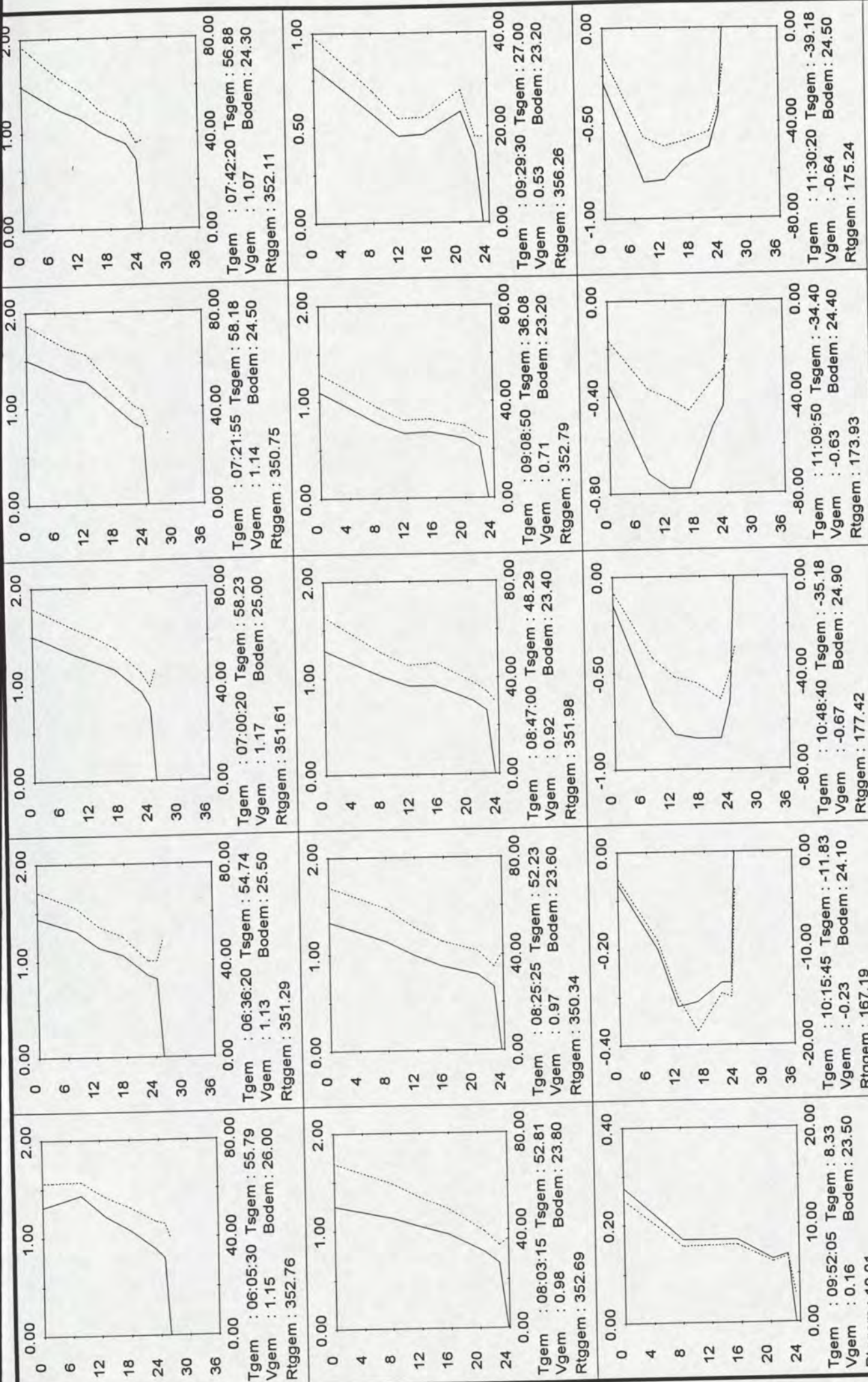
Tgem :
Csgem :
Rtgem :
Bodem :

Gemiddelde tijd in uur:min:sec.
Gemiddelde SLIBCONCENTR in mg/l Y as
Gemiddelde STROOMRTG in deg(360)X as boven
Bodemhoogte in M

Vgem :
Y as
X as onder

Gemiddelde STROOMSHRZT in m/s
Diepte in M
STROOMSHRZT in cm/s
SLIBCONCENTR in mg/l

14. Vertikalen slibtransport



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam : DebietraasA1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

Tsgem : 06:05:30
Tsgem : 06:36:20
Tsgem : 07:00:20
Tsgem : 07:21:55
Tsgem : 07:42:20
Tsgem : 08:03:15
Tsgem : 08:25:25
Tsgem : 08:47:00
Tsgem : 09:08:50
Tsgem : 09:29:30
Tsgem : 09:52:05
Tsgem : 10:15:45
Tsgem : 10:48:40
Tsgem : 11:09:50
Tsgem : 11:30:20

Vgem : 1.15
Vgem : 1.13
Vgem : 1.17
Vgem : 1.14
Vgem : 1.07
Vgem : 0.98
Vgem : 0.97
Vgem : 0.92
Vgem : 0.71
Vgem : 0.53
Vgem : 0.16
Vgem : -0.23
Vgem : -0.67
Vgem : -0.63
Vgem : -0.64

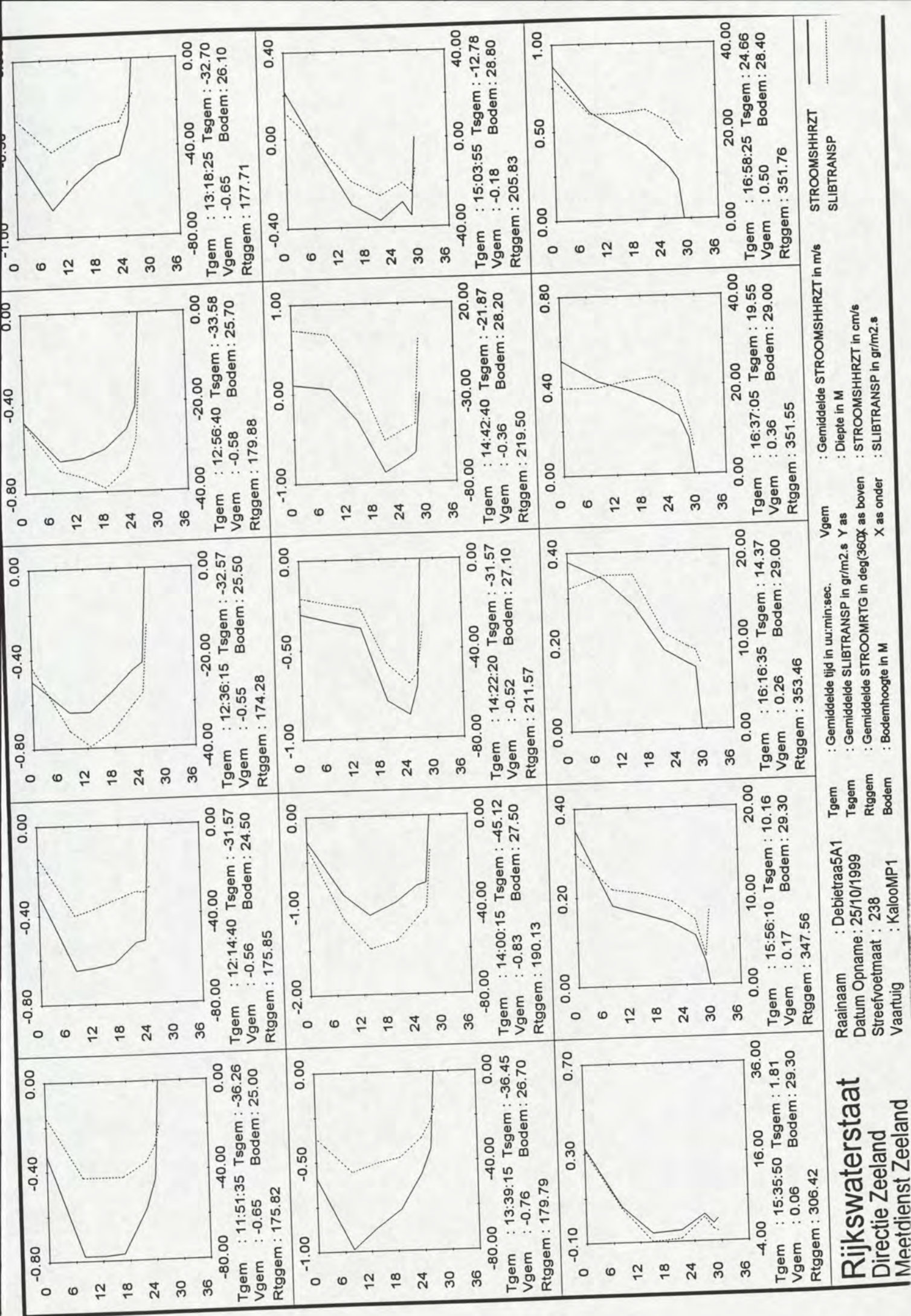
Bodem : 26.00
Bodem : 25.50
Bodem : 25.00
Bodem : 24.50
Bodem : 24.30
Bodem : 23.80
Bodem : 23.60
Bodem : 23.40
Bodem : 23.20
Bodem : 23.20
Bodem : 23.50
Bodem : 24.10
Bodem : 24.90
Bodem : 24.40
Bodem : 24.50

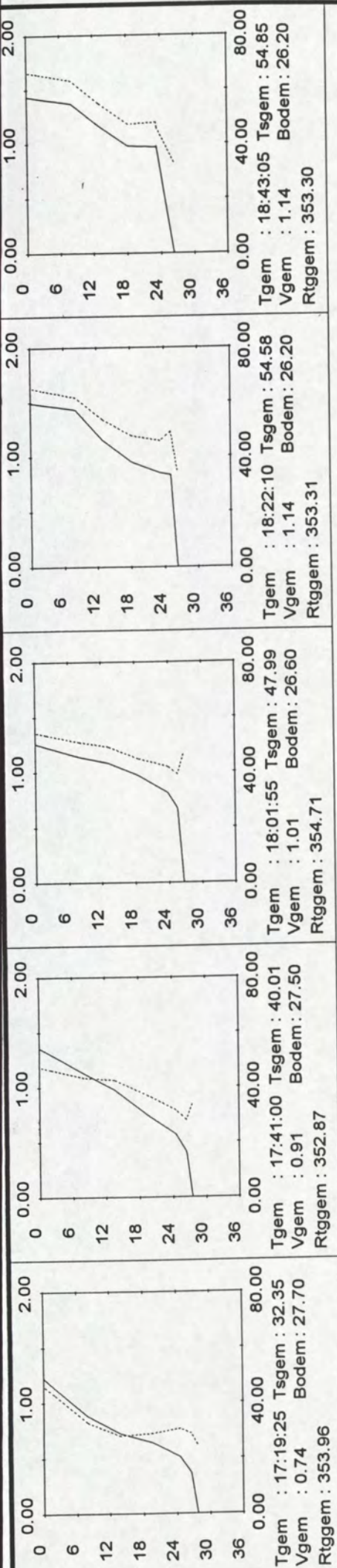
Rtggem : 352.76
Rtggem : 351.29
Rtggem : 351.61
Rtggem : 350.75
Rtggem : 352.11
Rtggem : 352.69
Rtggem : 350.34
Rtggem : 351.98
Rtggem : 352.79
Rtggem : 356.26
Rtggem : 10.01
Rtggem : 167.19
Rtggem : 177.42
Rtggem : 173.93
Rtggem : 175.24

Gemiddelde tijd in uur:min:sec.
Gemiddelde SLIBTRANSP in gr/m2.s
Gemiddelde STROOMRTG in deg(360) as boven
Gemiddelde STROOMSHRZT in m/s
Diepte in M
STROOMSHRZT in cm/s
SLIBTRANSP in gr/m2.s

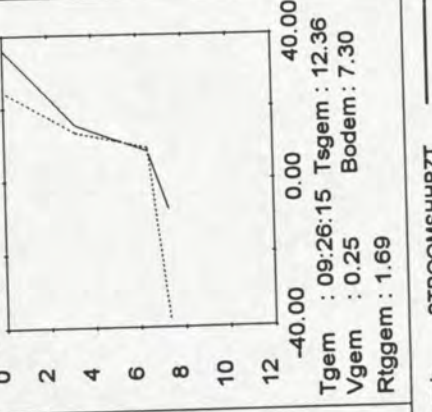
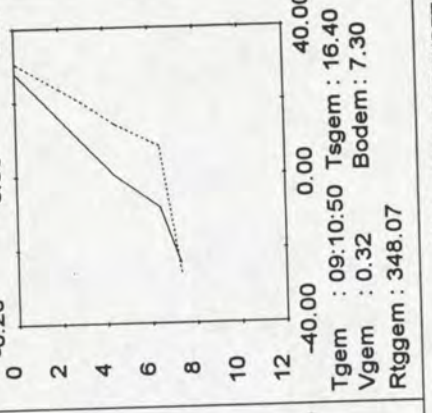
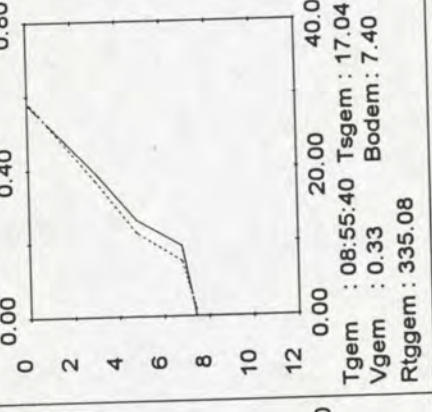
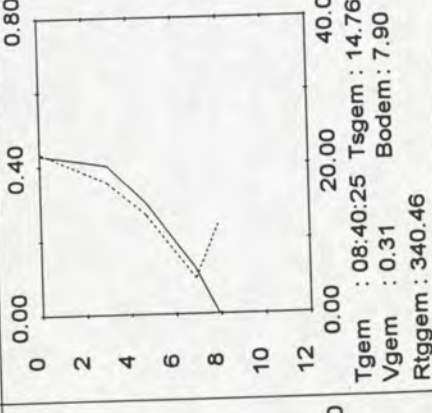
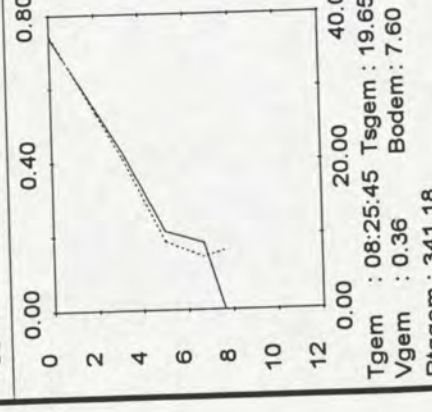
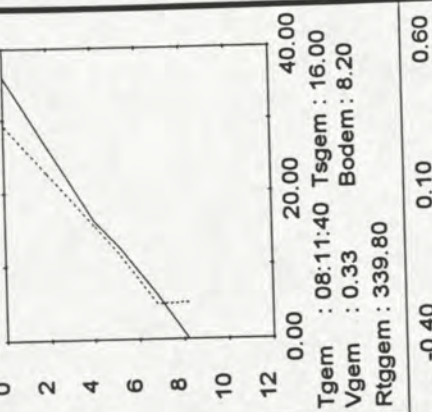
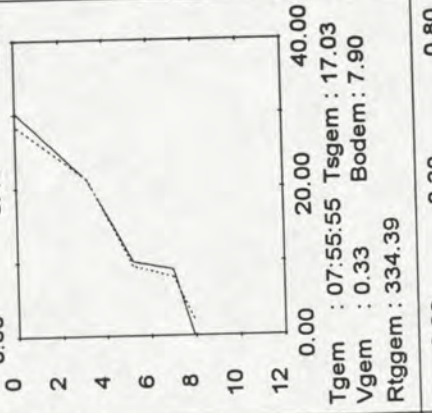
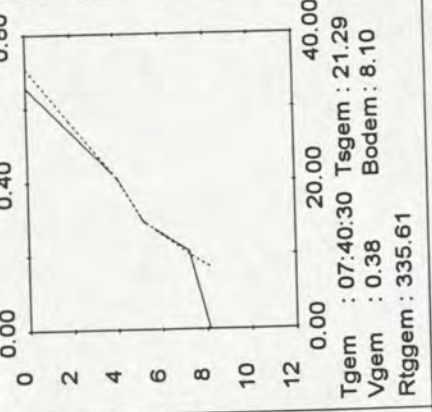
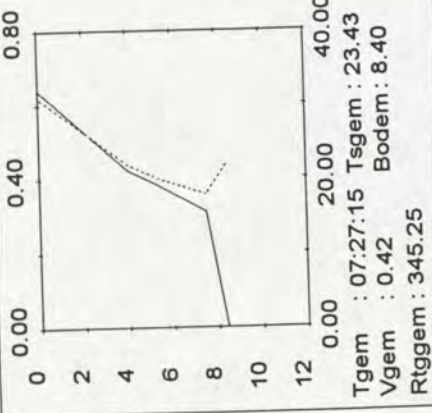
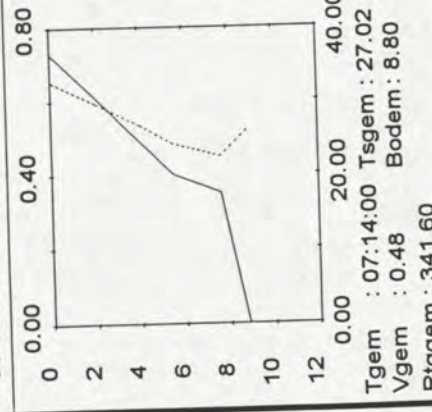
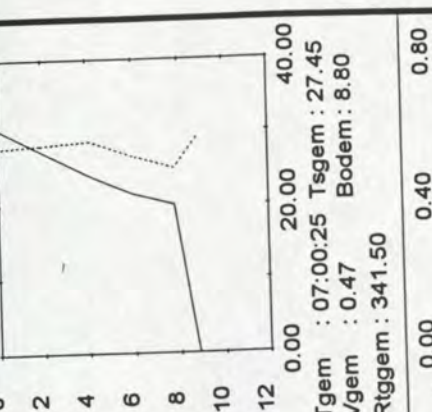
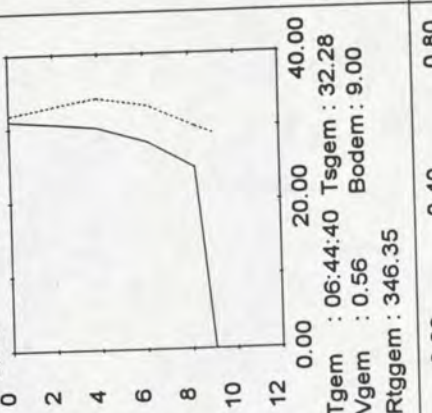
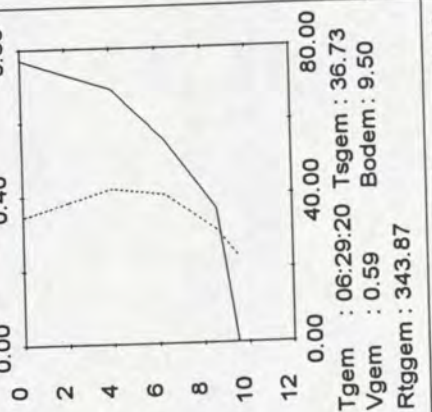
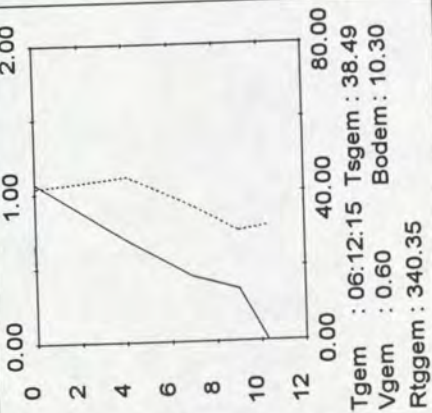
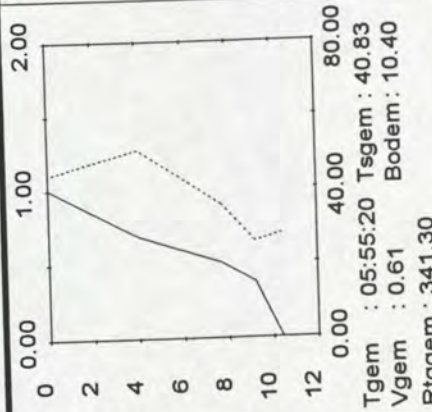
Y as
X as onder

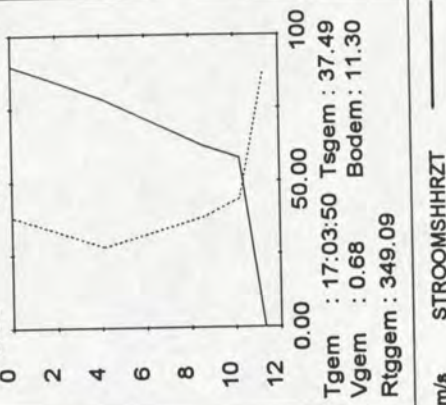
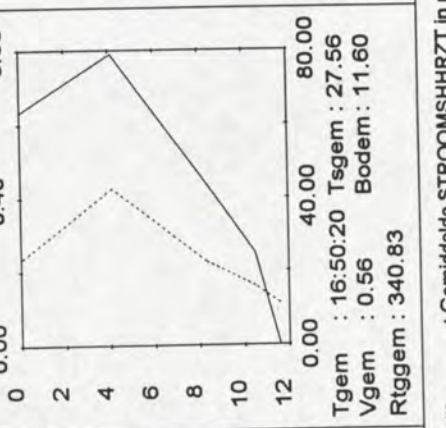
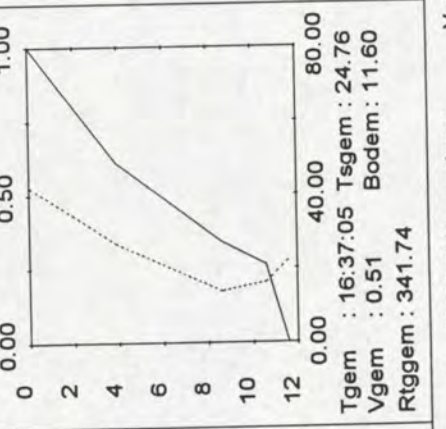
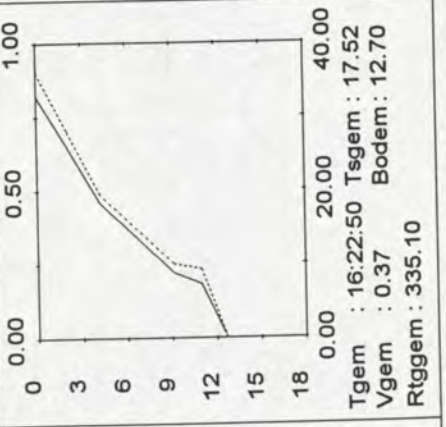
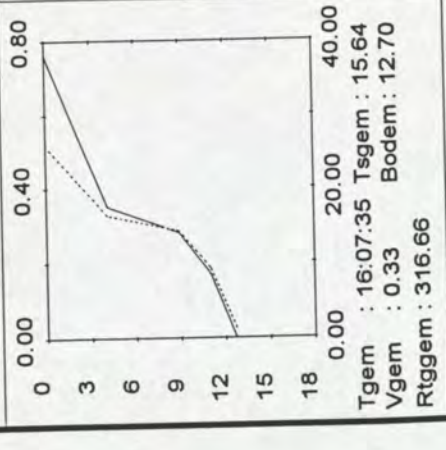
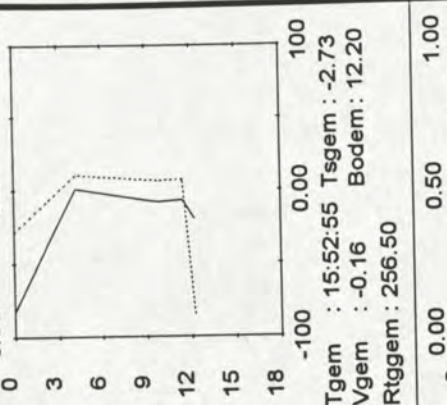
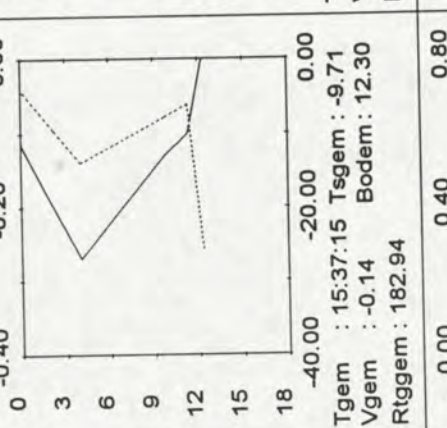
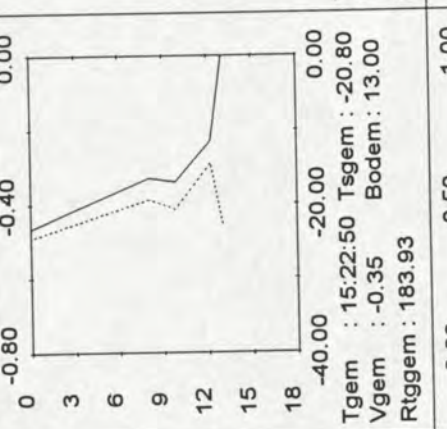
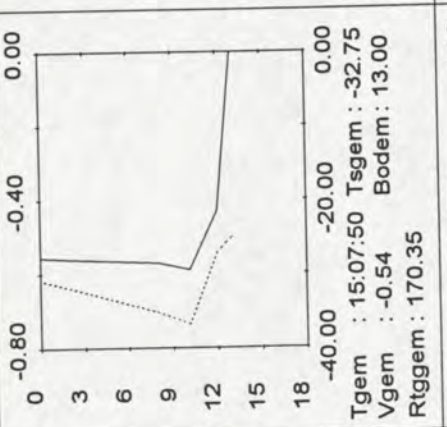
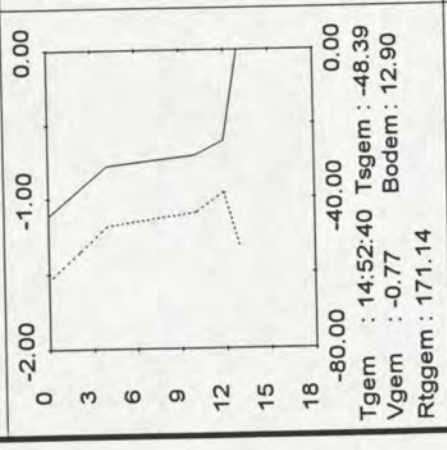
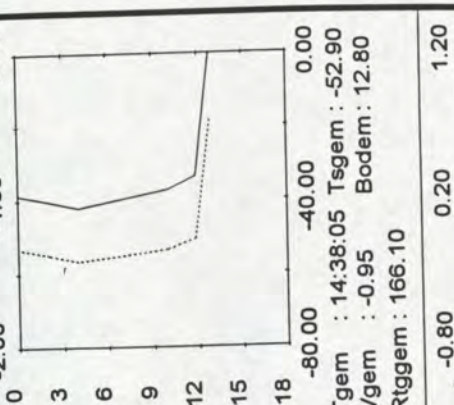
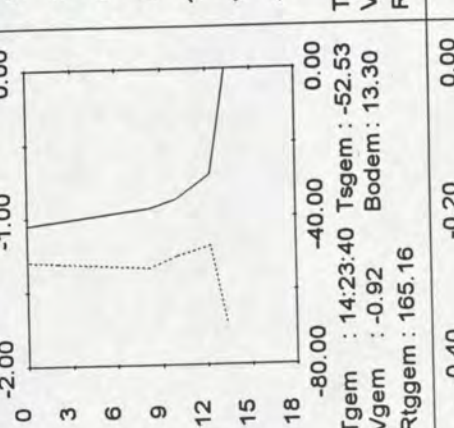
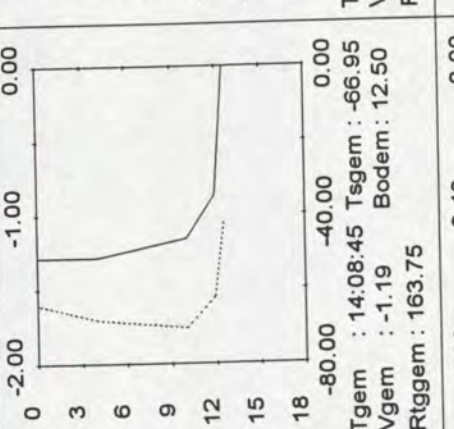
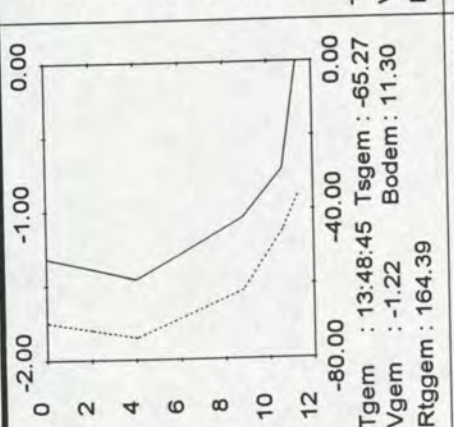
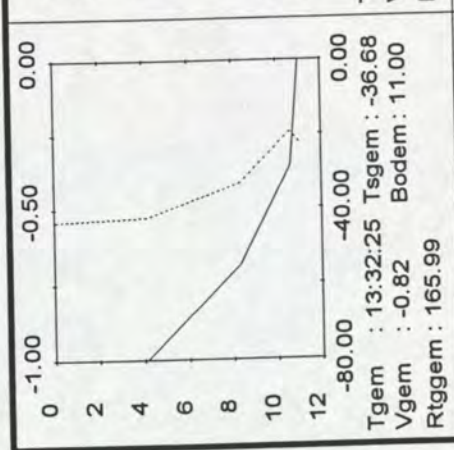
STROOMSHRZT
SLIBTRANSP





Rijkswaterstaat		Raainaam : Debietraa5A1		Tgem		Gemiddelde tijd in uur:min:sec.		Vgem		Gemiddelde STROOMSHRZT in m/s		STROOMSHRZT	
Directie Zeeland		Datum Opname : 25/10/1999		Tsgem		Gemiddelde SLIBTRANSP in gr/m2.s		Y as		Diepte in M		SLIBTRANSP	
Meetdienst Zeeland		Streefvoetmaat : 238		Rtggem		Gemiddelde STROOMRTG in deg(360X as boven		X as onder		STROOMSHRZT in cm/s			
		Vaartuig : KalooMP1		Bodem		Bodemhoogte in M				SLIBTRANSP in gr/m2.s			





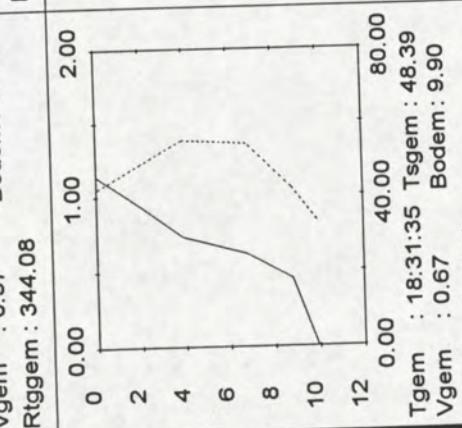
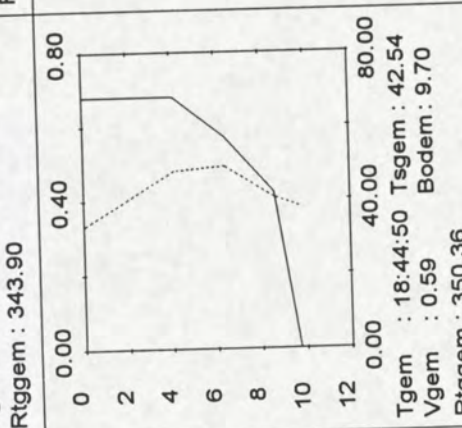
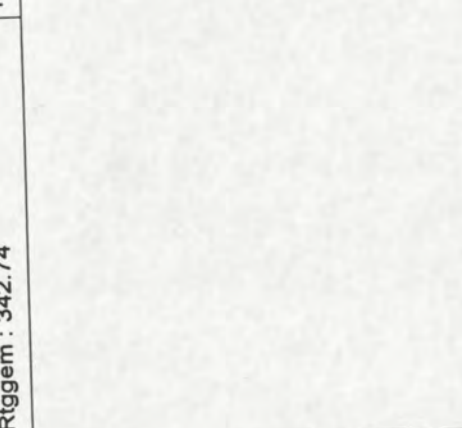
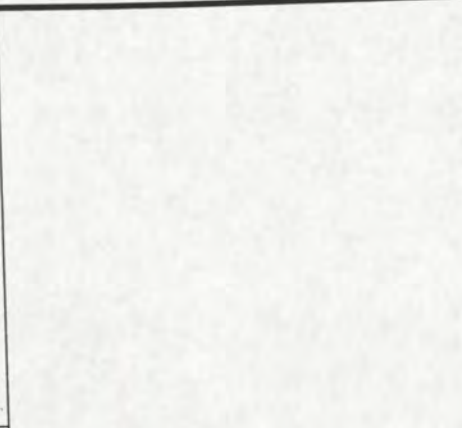
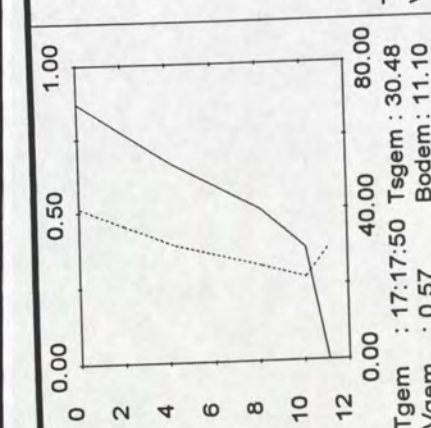
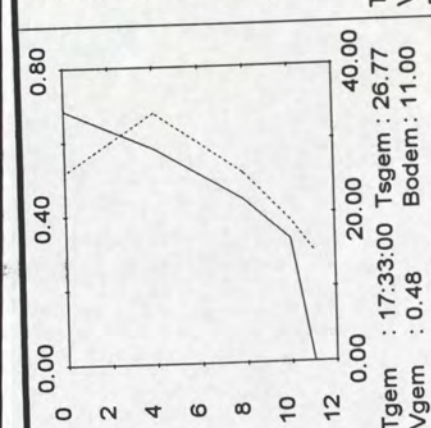
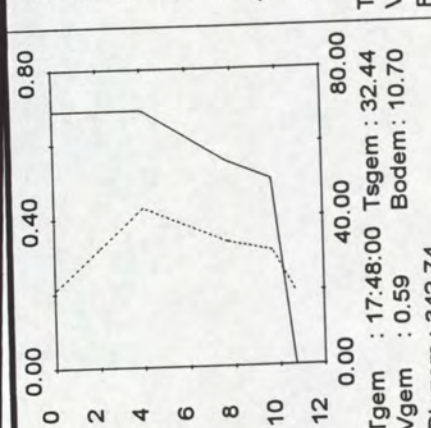
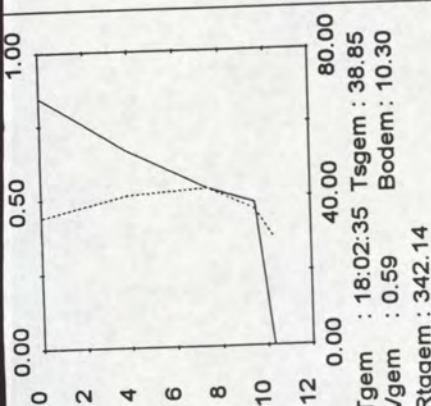
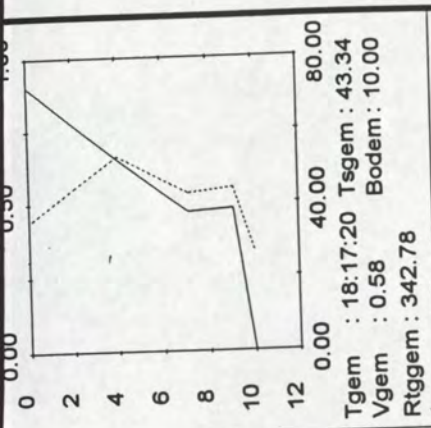
Raai naam : Debieltraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vooraf : SierafMP2

Tsgem
Tsgem
Rtggem
Bodem

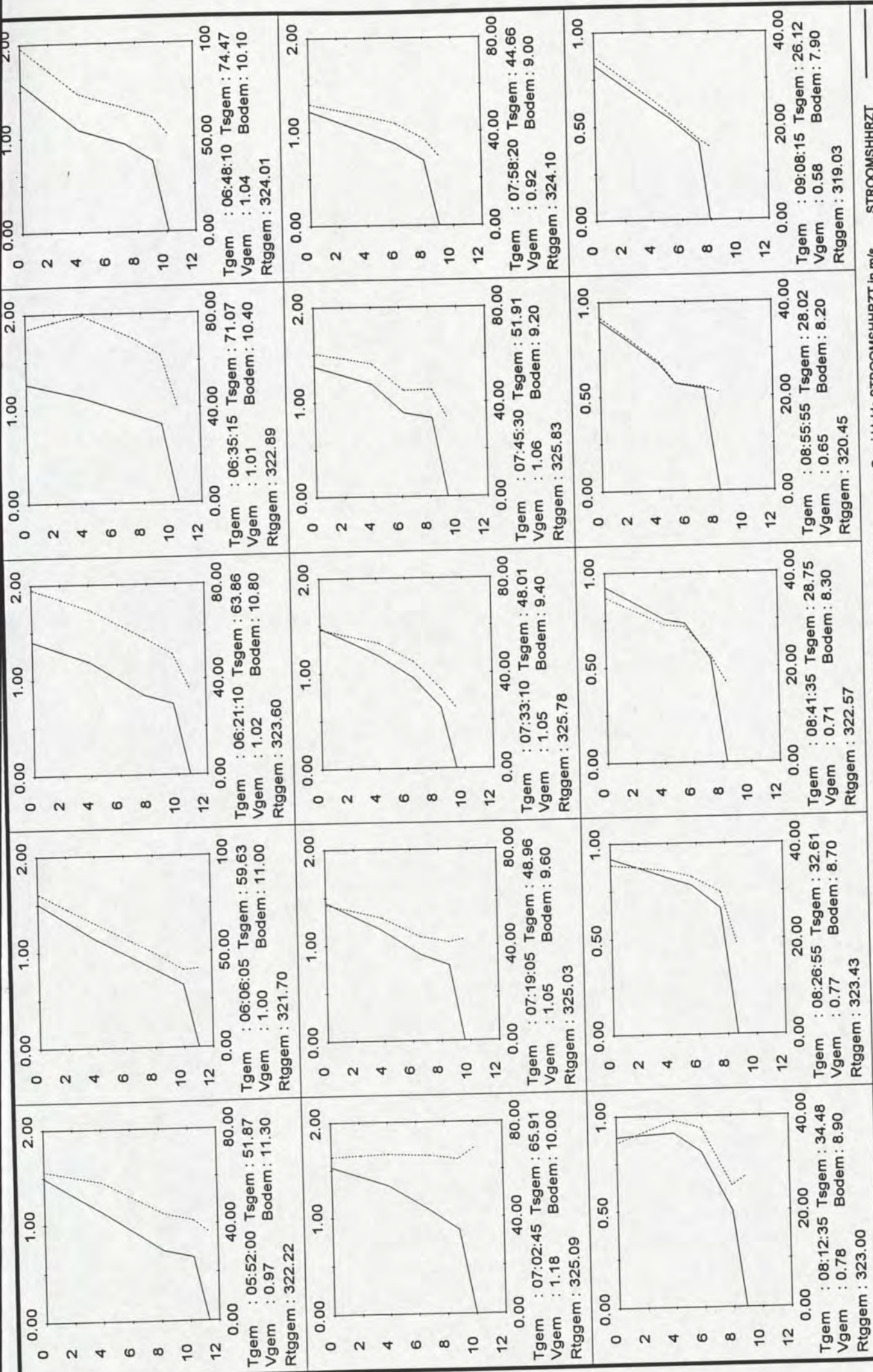
Gemiddelde tijd in uur:min:sec.
Gemiddelde SLIBTRANSP in gr/m2.s Y as
Gemiddelde STROOMRTG in deg(360) as boven
Bodemhoogte in M

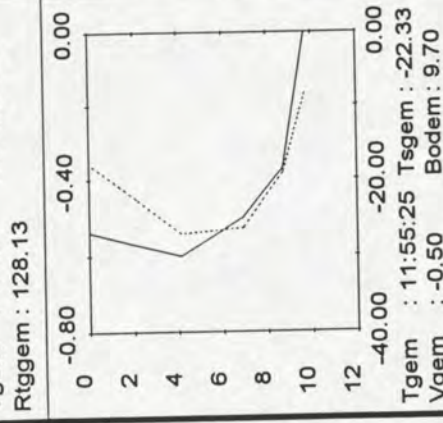
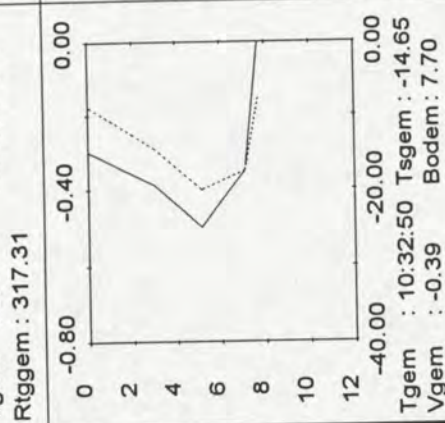
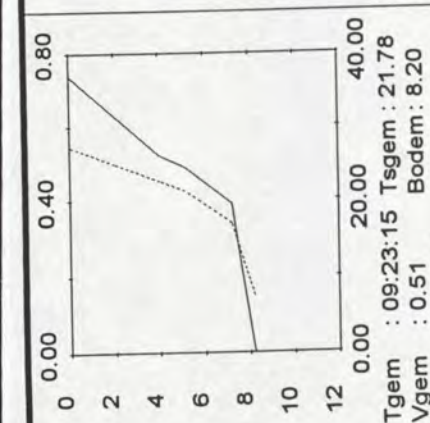
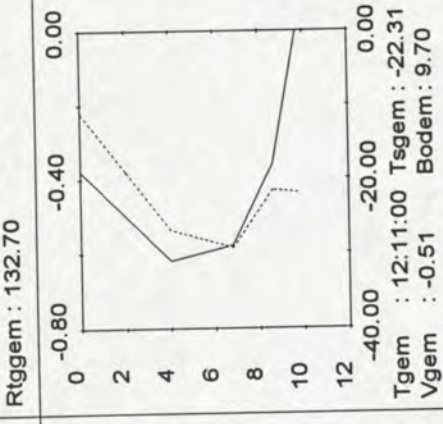
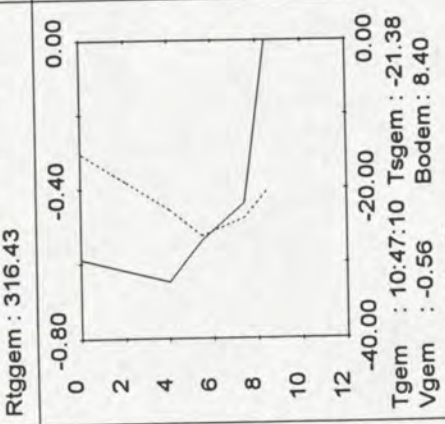
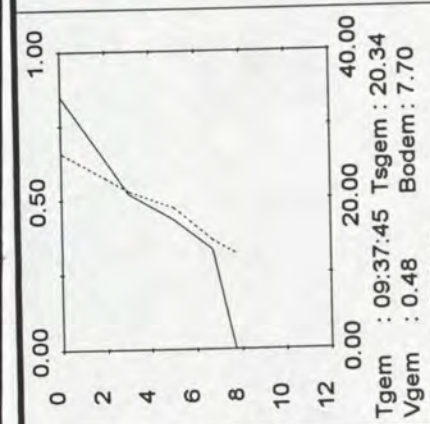
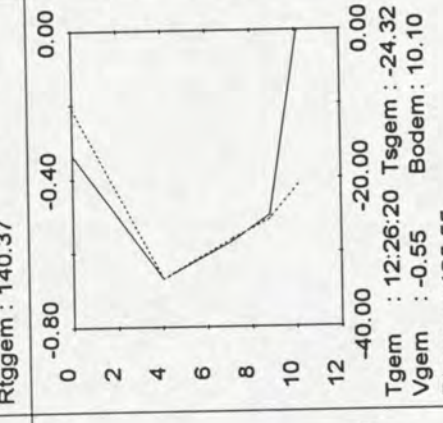
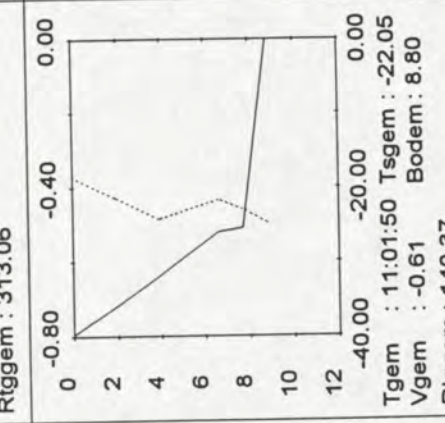
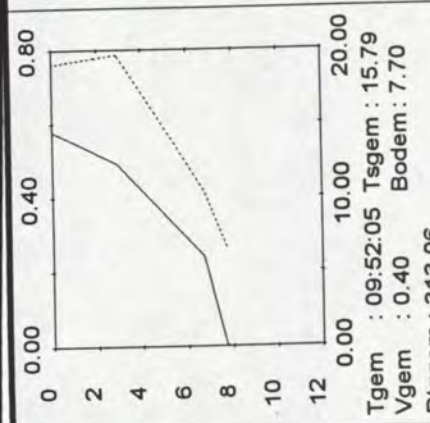
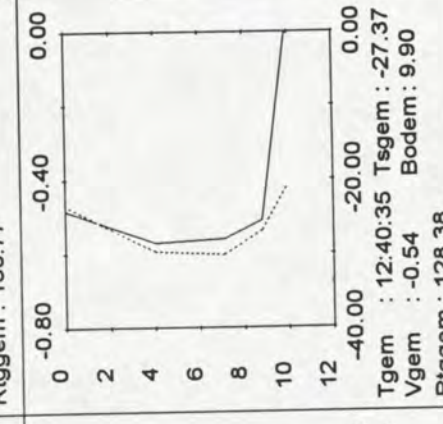
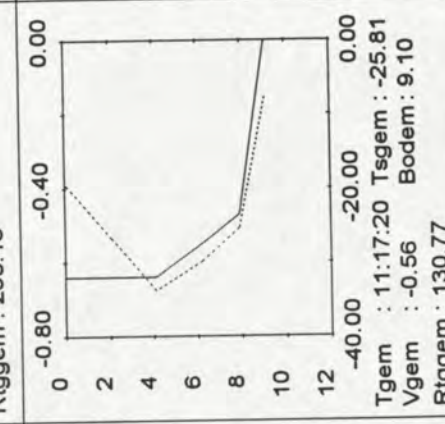
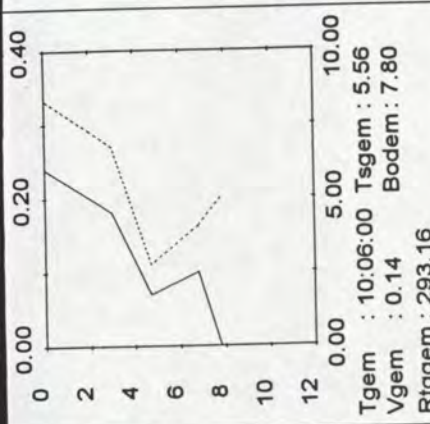
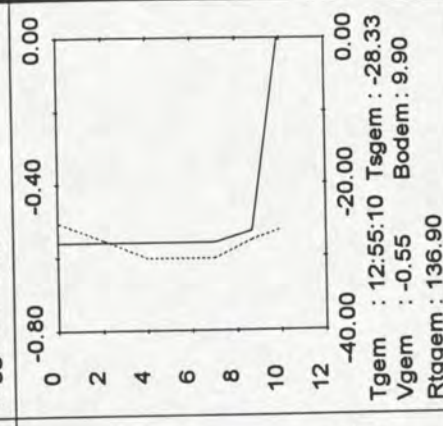
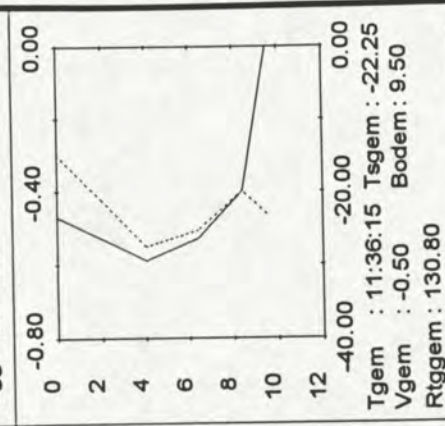
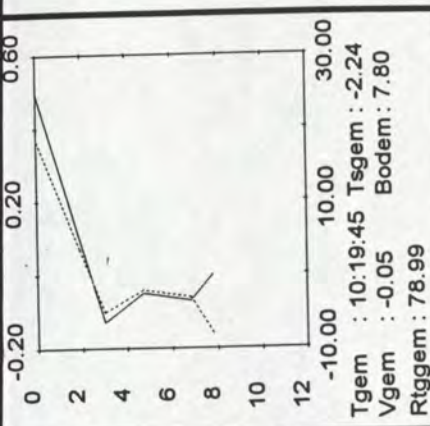
Vgem
X as onder

Gemiddelde STROOMSHRZT in m/s
SLIBTRANSP
STROOMSHRZT



Rijkswaterstaat		STROOMSHRZT	
Directie Zeeland		SLIBTRANS	
Maetdienst Zeeland			
Raainaam	: Debietraa5A1	Gemiddelde STROOMSHRZT in m/s	: Gemiddelde STROOMSHRZT in m/s
Datum Opname	: 25/10/1999	Diepte in M	: Diepte in M
Streefvoetmaat	: 1189	STROOMSHRZT in cm/s	: STROOMSHRZT in cm/s
Vaartuig	: SierixMP2	SLIBTRANS in gr/m2.s	: SLIBTRANS in gr/m2.s
		Gemiddelde tijd in uur:min:sec.	: Gemiddelde tijd in uur:min:sec.
		Gemiddelde SLIBTRANS in gr/m2.s	: Gemiddelde SLIBTRANS in gr/m2.s
		Gemiddelde STROOMRTG in deg(360X as boven	: Gemiddelde STROOMRTG in deg(360X as boven
		X as onder	: X as onder
		Bodemhoogte in M	: Bodemhoogte in M
		Tsgem	: Tsgem
		Tsgem	: Tsgem
		Rtggem	: Rtggem
		Bodem	: Bodem





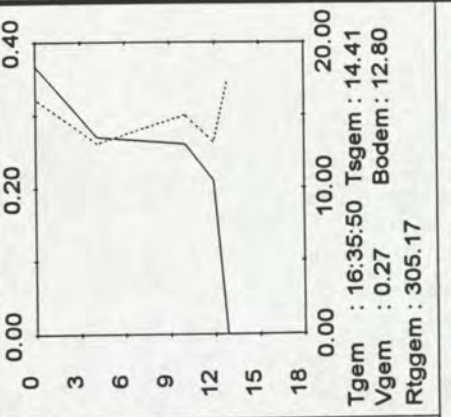
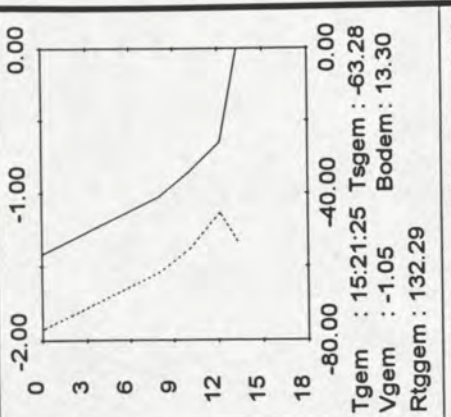
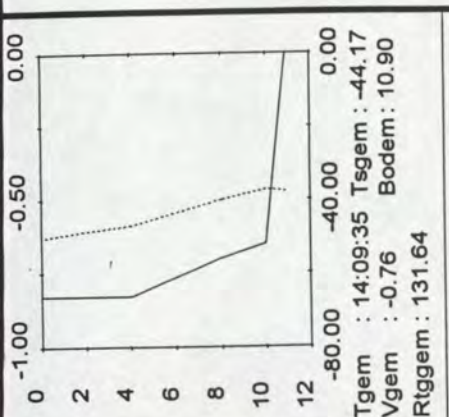
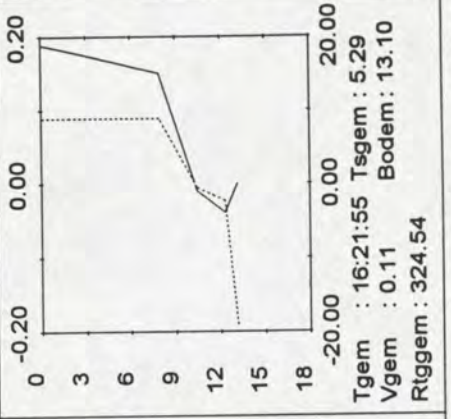
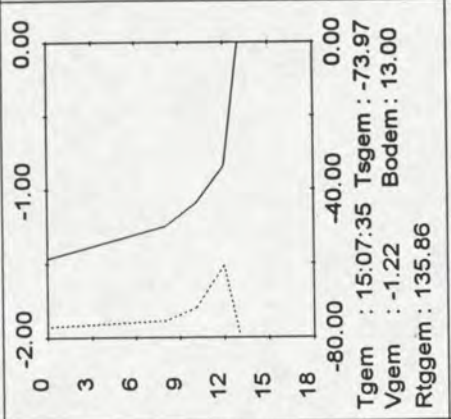
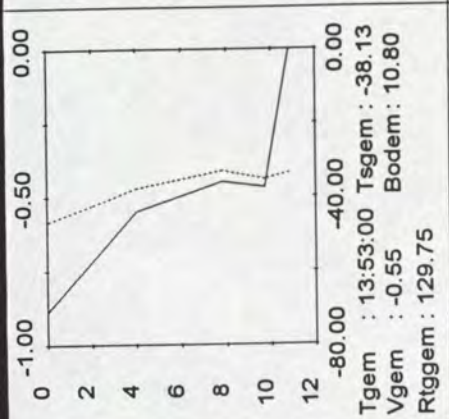
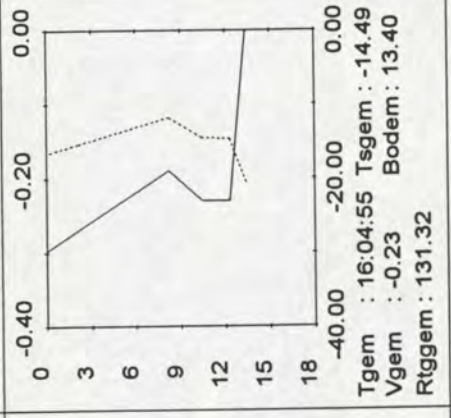
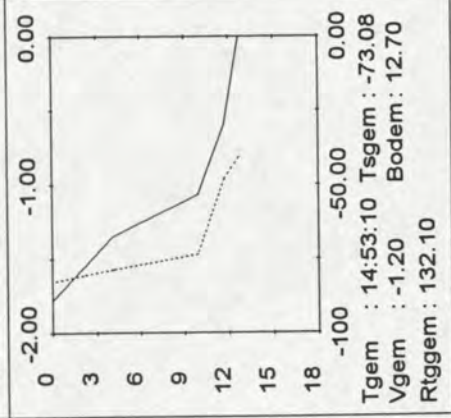
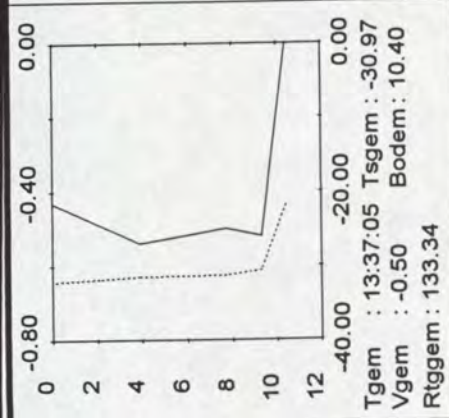
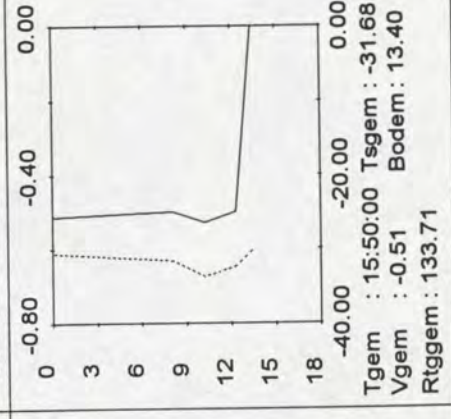
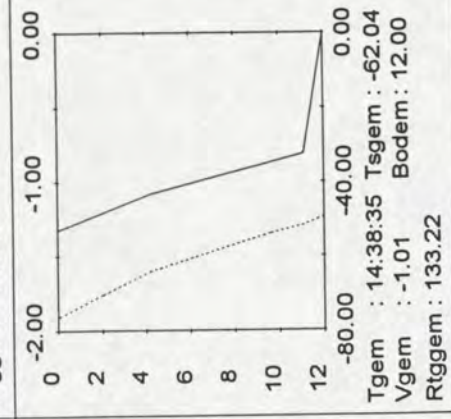
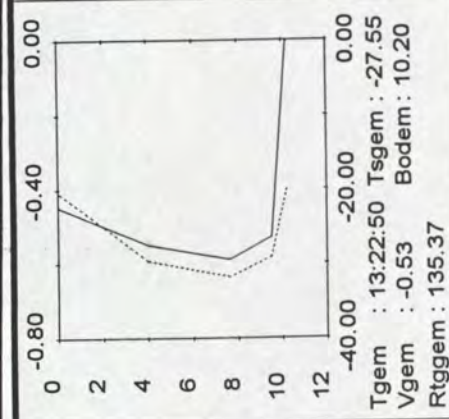
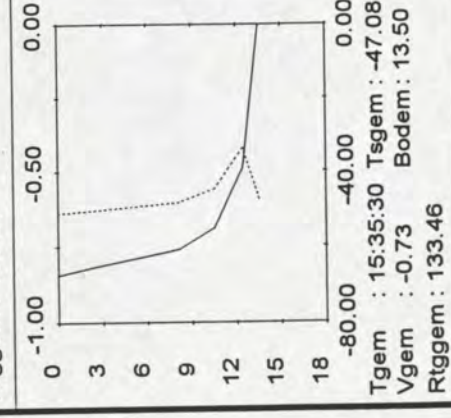
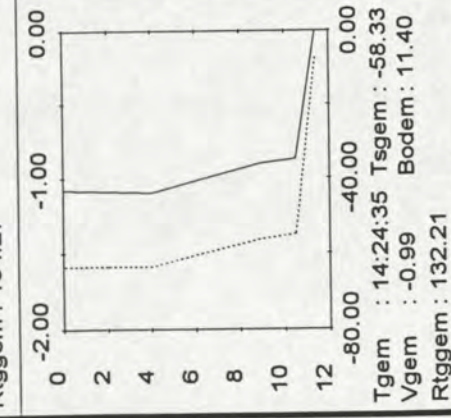
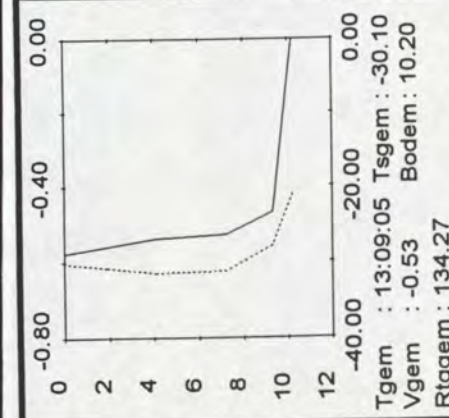
STROOMSHRZT
SLIBTRANSP

- : Gemiddelde STROOMSHRZT in m/s
- : Diepte in M
- : STROOMSHRZT in cm/s
- : SLIBTRANSP in gr/m2.s

: Gemiddelde tijd in uur:min:sec.	Vgem
: Gemiddelde SLIBTRANSP in gr/m2.s	Y as
: Gemiddelde STROOMRTG in deg(360X as boven	X as onder
: Bodemhoogte in M	

Raaienaam	: Debietraai5A2	Tgtem
Datum Opname	: 26/10/1999	Tsgtem
Streefvoetmaat	: 940	Rtggem
Vaartuig	: SierixMP3	Bodem

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

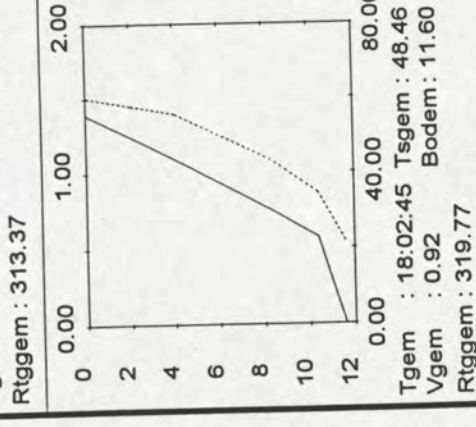
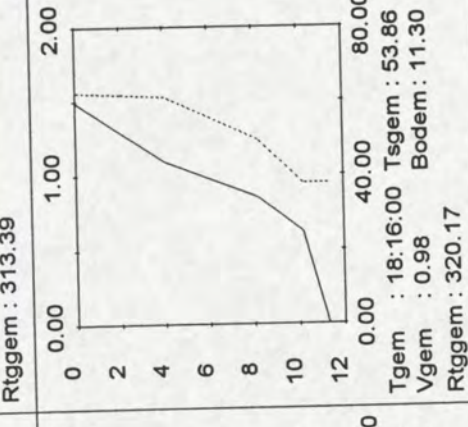
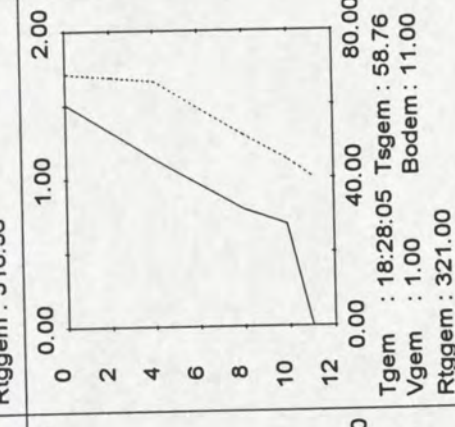
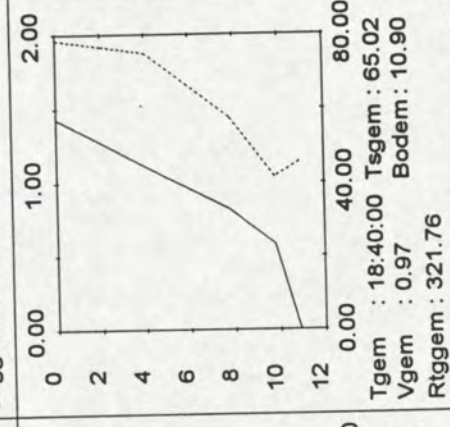
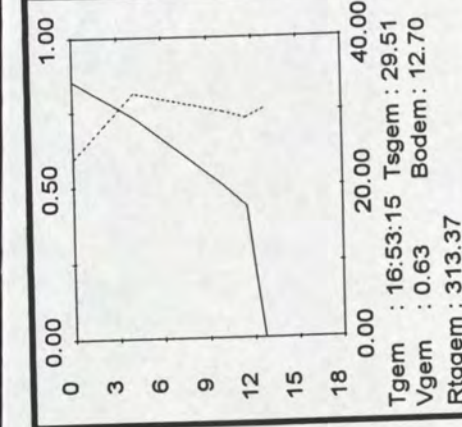
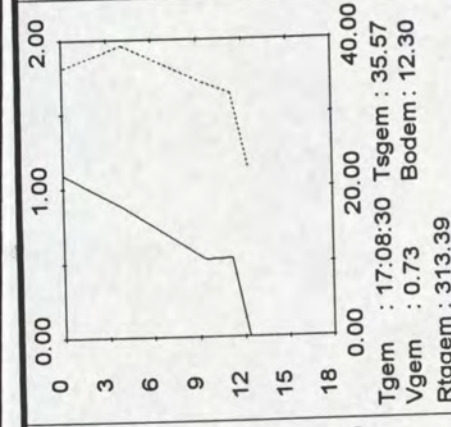
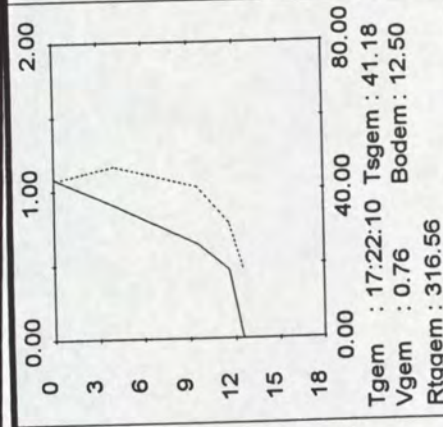
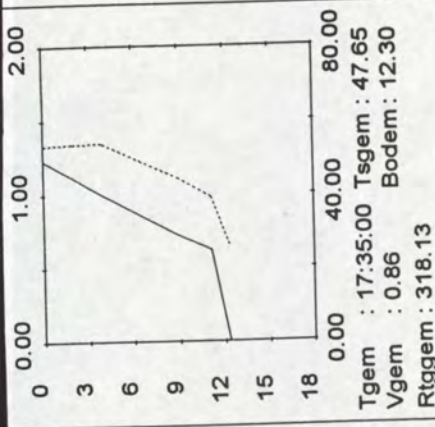
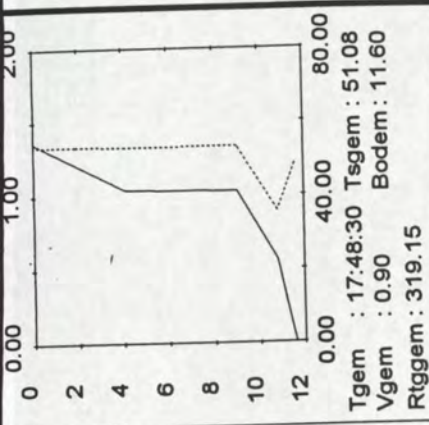


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

: Gemiddelde tijd in uur:min:sec.	Vgem	: Gemiddelde STROOMSHRZT in m/s
: Gemiddelde SLIBTRANSP in gr/m2.s	Y as	: Diepte in M
: Gemiddelde STROOMRTG in deg(360x as boven		: STROOMSHRZT in cm/s
Bodemhoogte in M	X as onder	: SLIBTRANSP in gr/m2.s

STROOMSHRZT
SLIBTRANSP



STROOMSHRZT
SLIBTRANSP

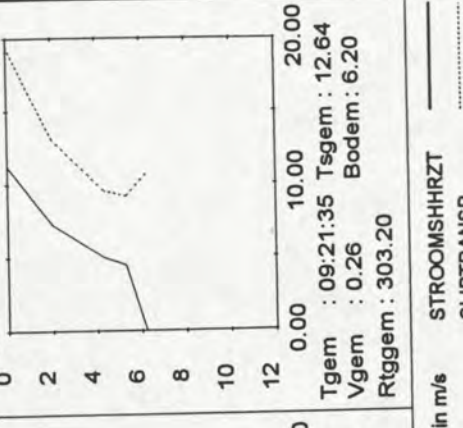
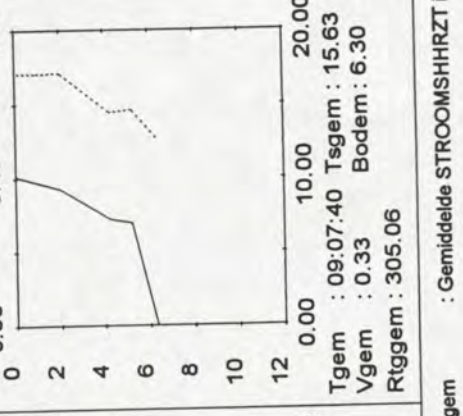
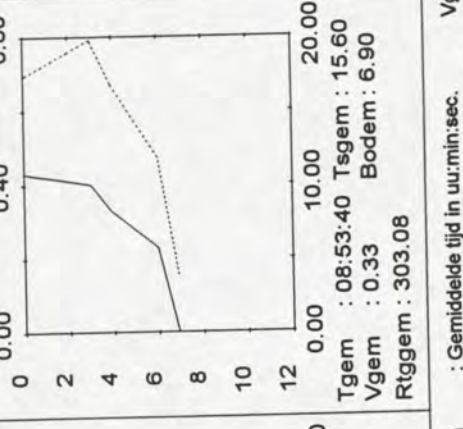
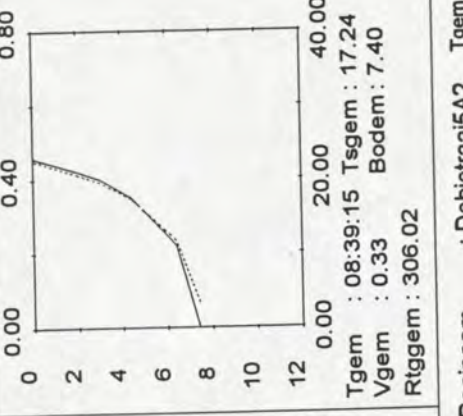
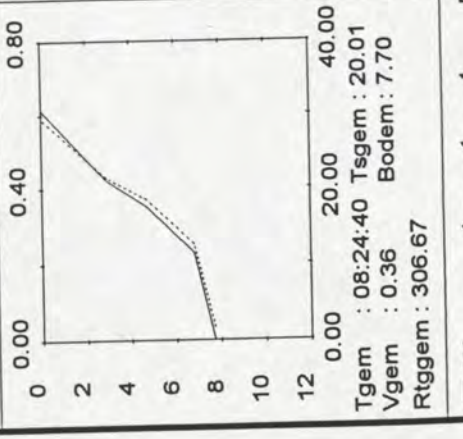
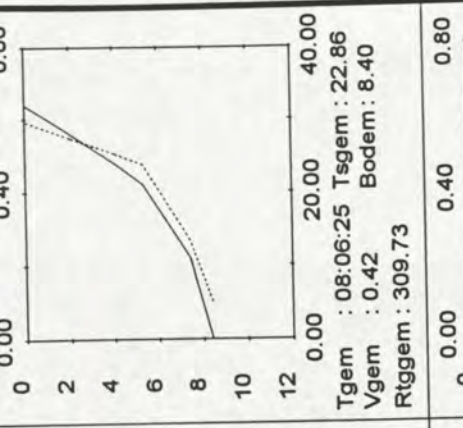
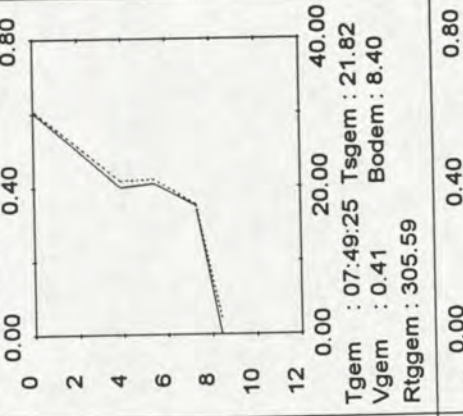
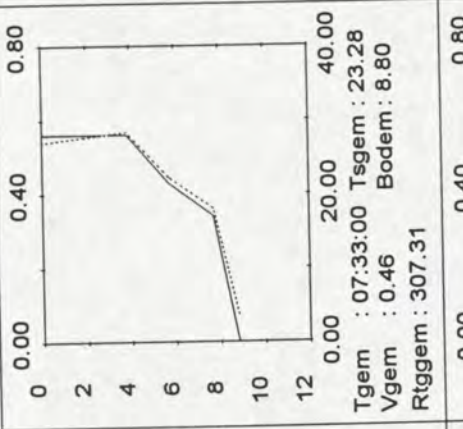
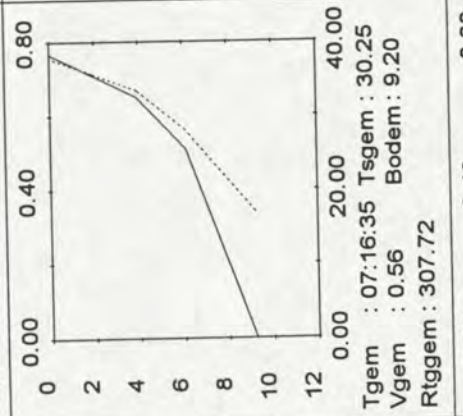
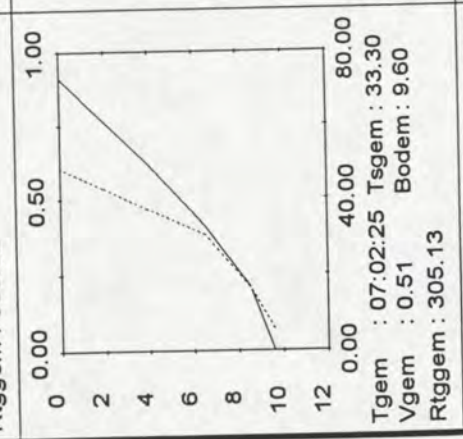
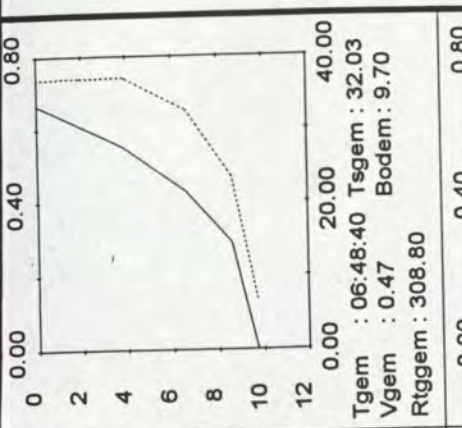
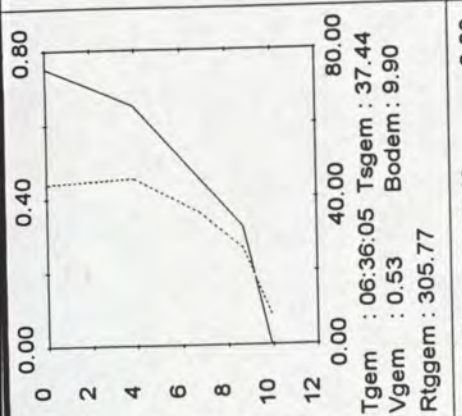
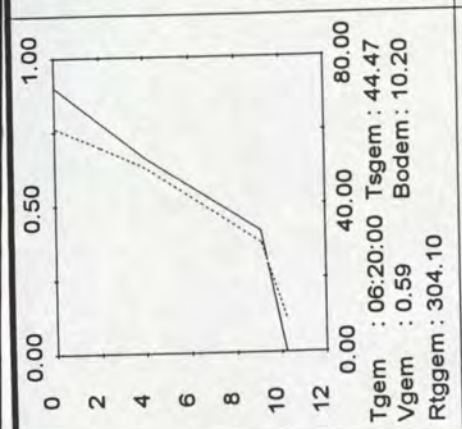
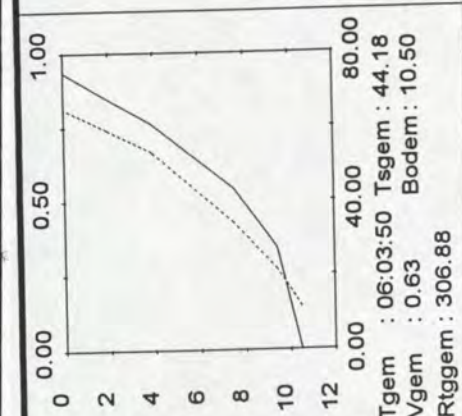
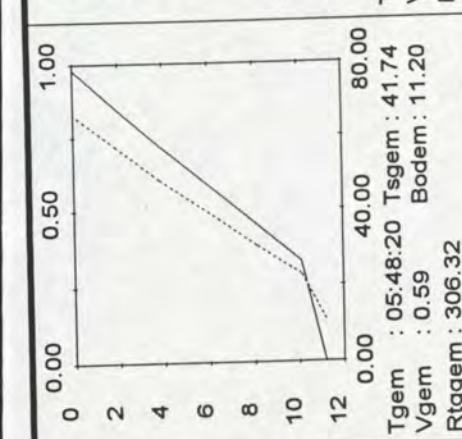
- : Gemiddelde STROOMSHRZT in m/s
- : Diepte in M
- : STROOMSHRZT in cm/s
- : SLIBTRANSP in gr/m².s

	Vgem
: Gemiddelde tijd in uu:min:sec.	
: Gemiddelde SLIBTRANSP in gr/m2.s	Y as
: Gemiddelde STROOMRTG in deg(360X as boven)	X as onder
: Bodemhoogte in M	

Tgem
Tsgem
Rtggem
Bodem

Raai naam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

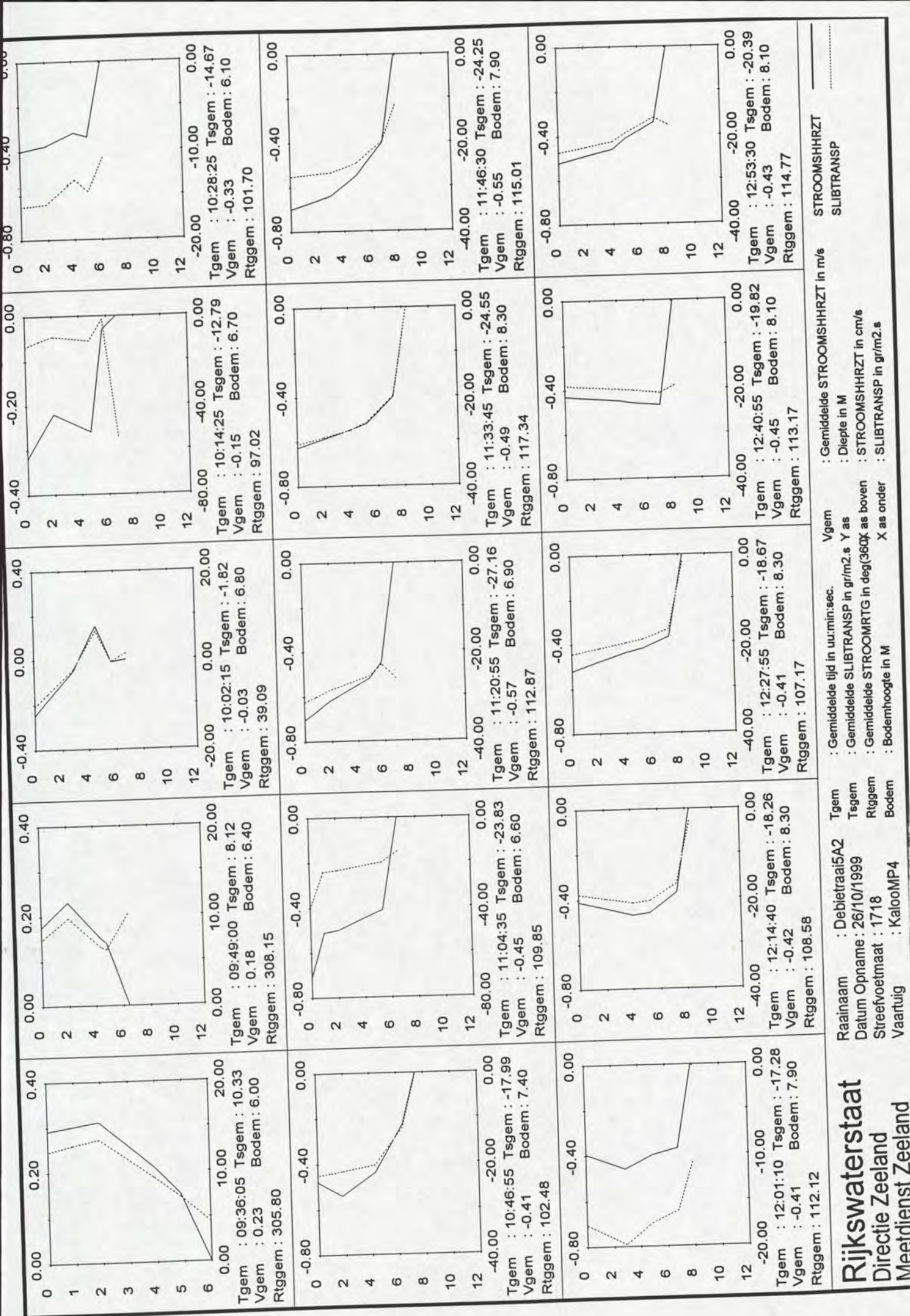


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

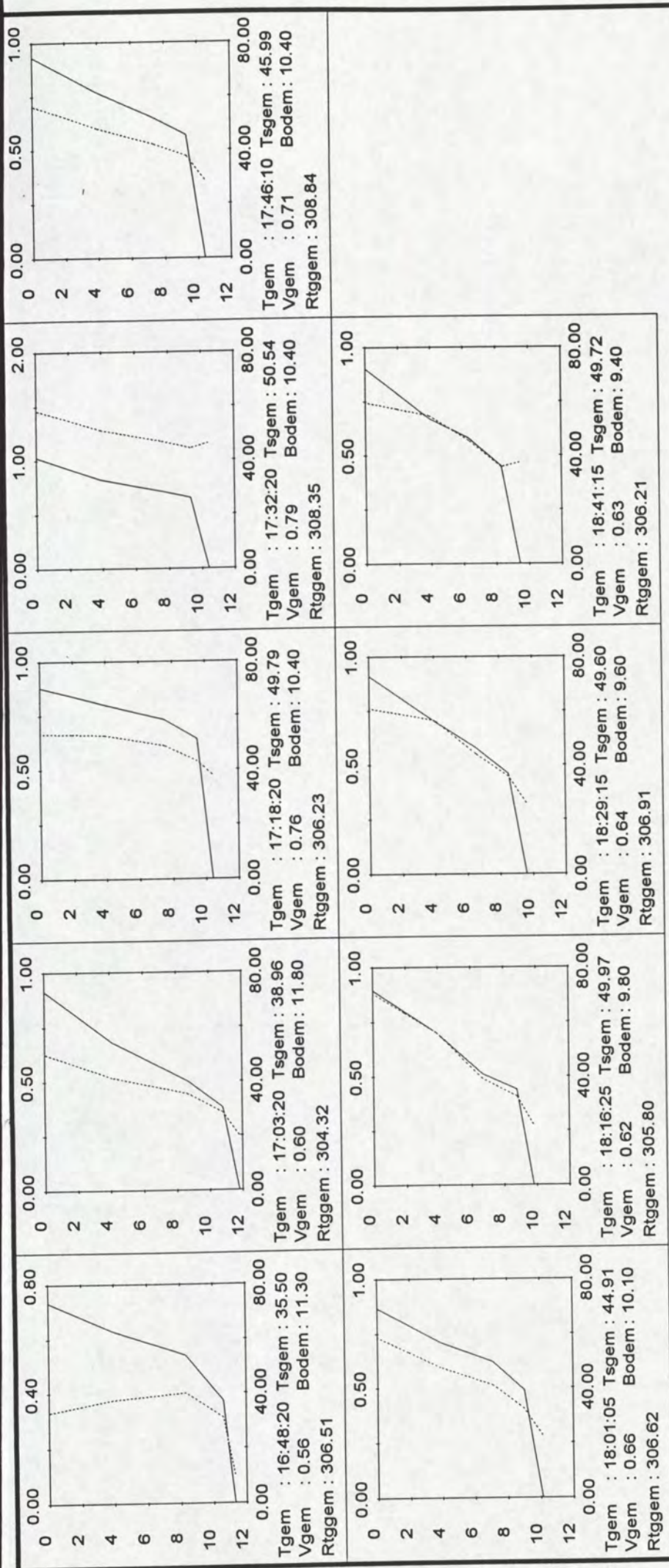
Raai naam : Debi traai 5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : Kaloo MP4

: Gemiddelde tijd in uur:min:sec.	Vgem	: Gemiddelde STROOMSHRZT in m/s
: Gemiddelde SLIBTRANSP in gr/m2.s	Y as	: Diepte in M
: Gemiddelde STROOMRTG in deg/360X as boven		: STROOMSHRZT in cm/s
: Bodemhoogte in M	X as onder	: SLIBTRANSP in gr/m2.s

STROOMSHRZT
SLIBTRANSP

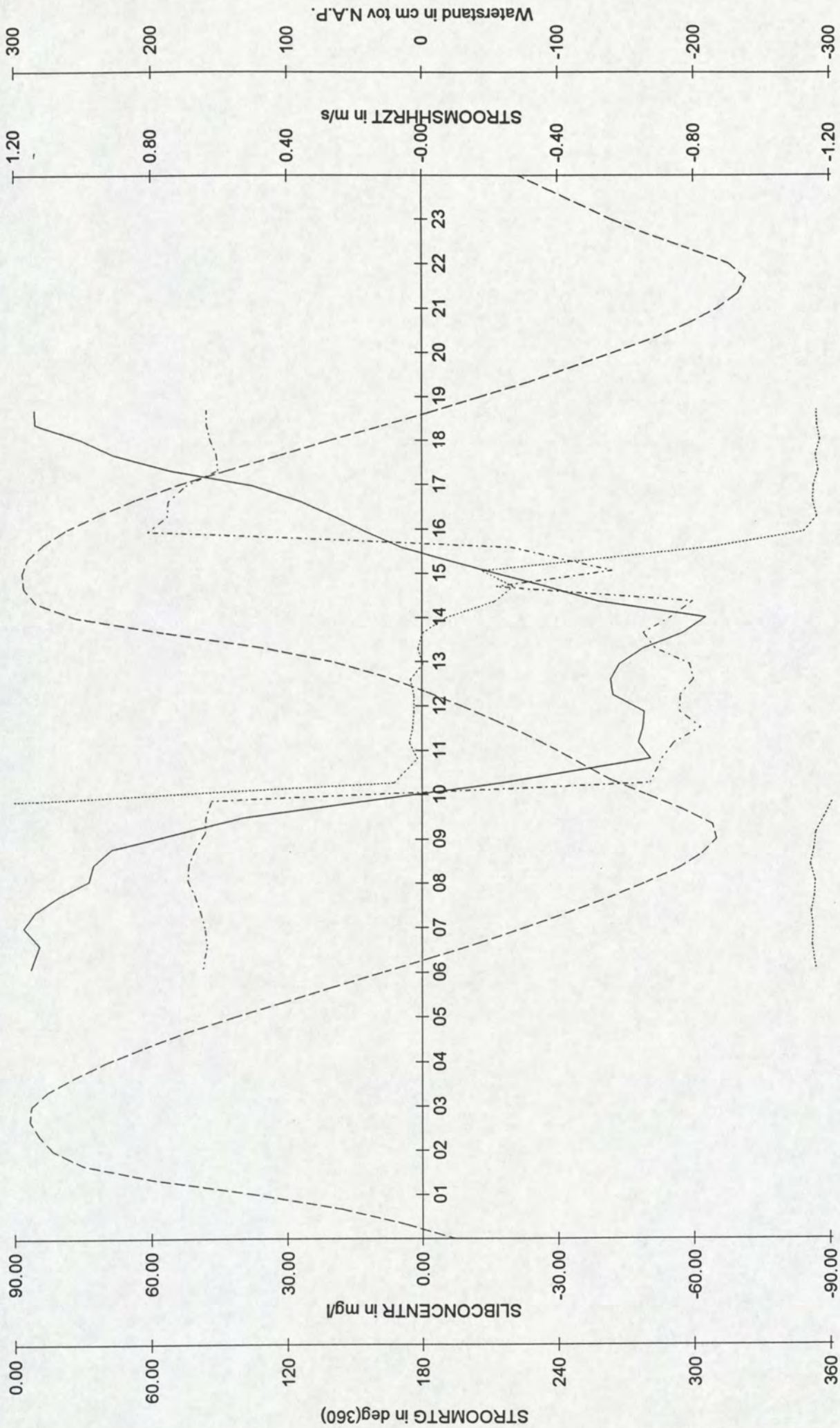


<p>Tgem : 13:06:45 Tsgem : -19.95 Vgem : -0.40 Bodem : 9.00 Rtggem : 110.49</p>	<p>Tgem : 13:22:35 Tsgem : -21.67 Vgem : -0.39 Bodem : 9.00 Rtggem : 114.05</p>	<p>Tgem : 13:39:15 Tsgem : -26.39 Vgem : -0.45 Bodem : 9.10 Rtggem : 110.96</p>	<p>Tgem : 13:52:00 Tsgem : -34.23 Vgem : -0.50 Bodem : 9.10 Rtggem : 112.51</p>	<p>Tgem : 14:06:55 Tsgem : -45.44 Vgem : -0.64 Bodem : 9.70 Rtggem : 114.60</p>	<p>Tgem : 15:24:00 Tsgem : -71.24 Vgem : -1.02 Bodem : 11.00 Rtggem : 118.14</p>	<p>Tgem : 15:37:10 Tsgem : -48.01 Vgem : -0.70 Bodem : 11.40 Rtggem : 114.80</p>	<p>Tgem : 16:18:50 Tsgem : -11.39 Vgem : 0.17 Bodem : 11.80 Rtggem : 286.76</p>	<p>Tgem : 16:33:50 Tsgem : 18.95 Vgem : 0.32 Bodem : 11.40 Rtggem : 302.67</p>	<p> Raanaam : Debietraai5A2 Datum Opname : 26/10/1999 Streefvoetmaat : 1718 Vaartuig : KalooMP4 </p>	<p> : Gemiddelde tijd in uur:min:sec. : Gemiddelde SLIBTRANSP in gr/m2.s Y as : Gemiddelde STROOMRTG in deg(360X) as boven : Bodemhoogte in M </p>	<p> : Gemiddelde STROOMSHRZT in m/s : Diepte in M : STROOMSHRZT in cm/s : SLIBTRANSP in gr/m2.s </p>	<p> Rijkswaterstaat Directie Zeeland Meetdienst Zeeland </p>	<p> STROOMSHRZT SLIBTRANSP </p>
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<div>Rijkswaterstaat</div> <div>Directie Zeeland</div> <div>Meetdienst Zeeland</div>	Raainaam	Debietraai5A2	Tgem	Gemiddelde tijd in uur:min:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname	26/10/1999	Tsgem	Gemiddelde SLIBTRANSP in gr/m2.s	Y as	Diepte in M	SLIBTRANSP
	Streefvoetmaat	1718	Rtggem	Gemiddelde STROOMRTG in deg(360x as boven	X as onder	STROOMSHRZT in cm/s	
	Vaartuig	KalooMP4	Bodem	Bodemhoogte in M		SLIBTRANSP in gr/m2.s	

15. Gemiddelde krommen stroom en slibconcentratie

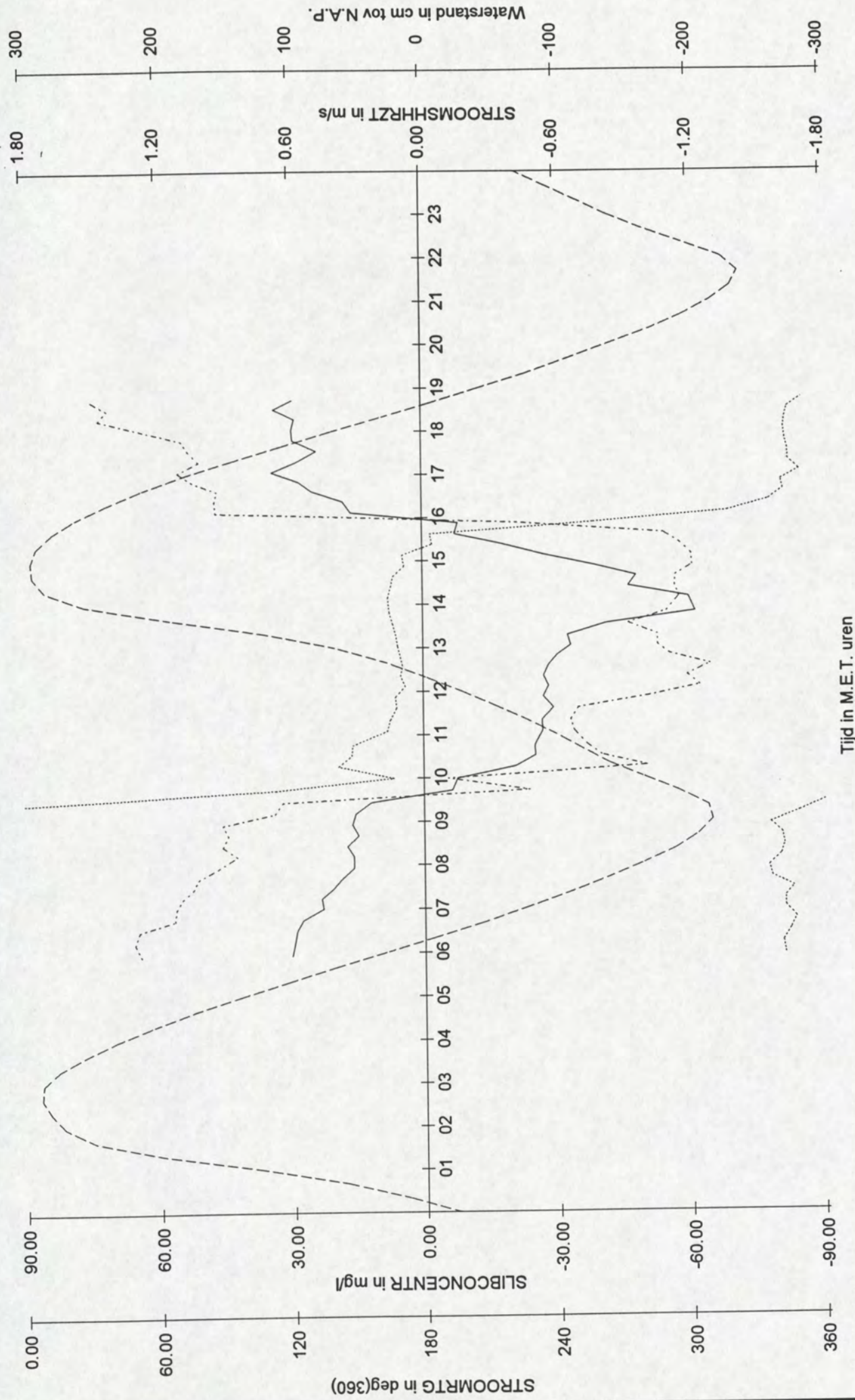


Tijd in M.E.T. uren

STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Hansweert

Raainaan : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

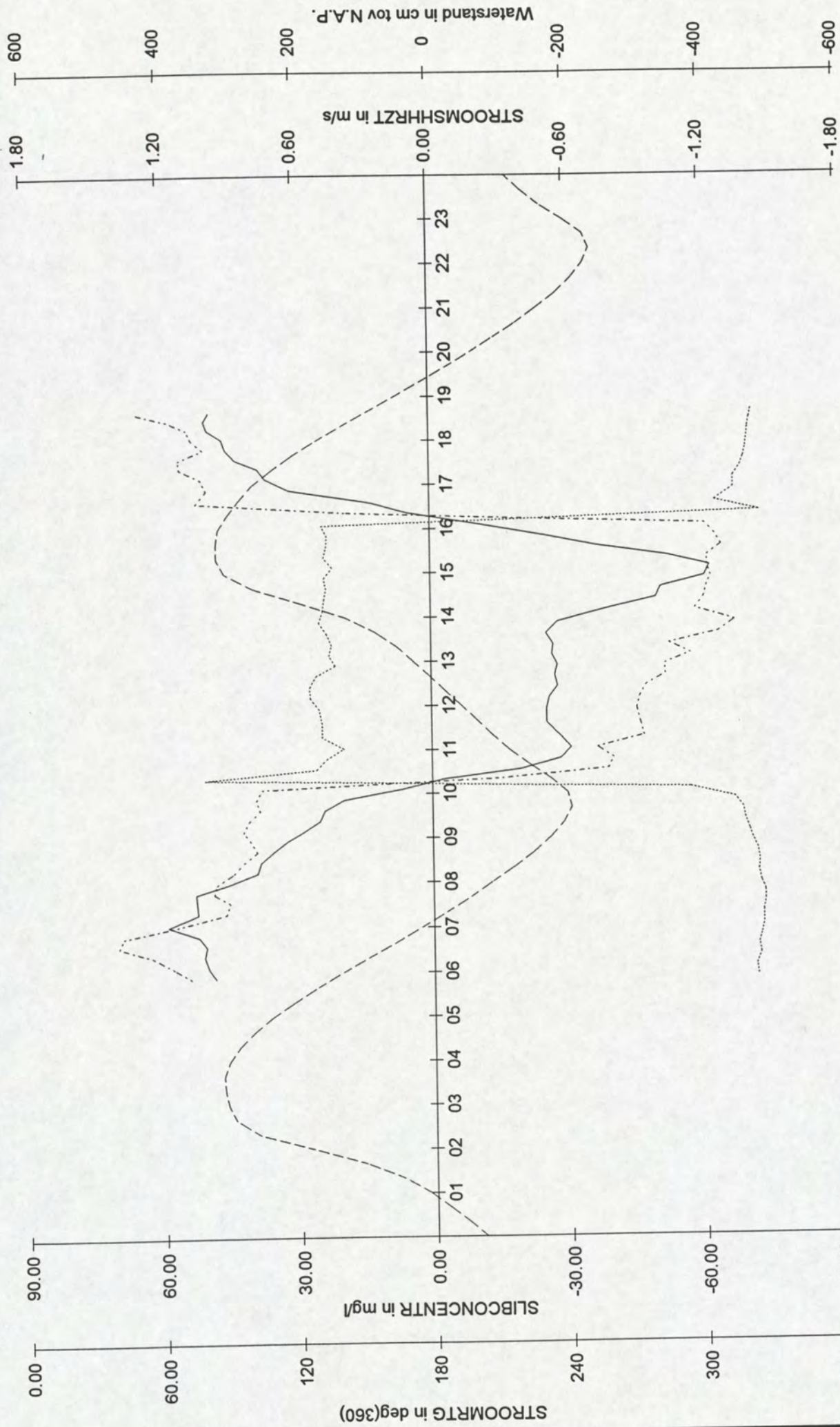
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

STROOMSHHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Hansweert

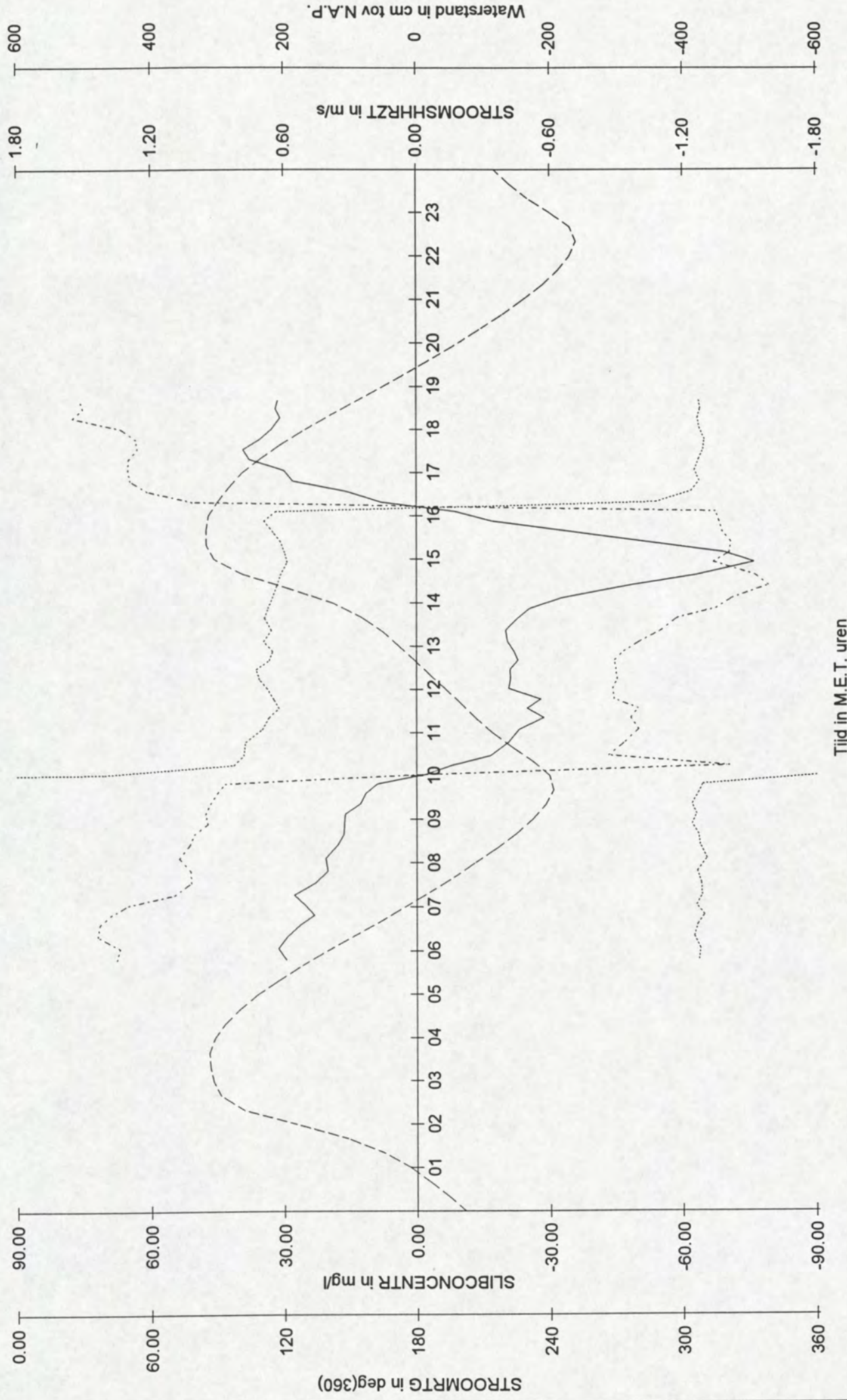


Tijd in M.E.T. uren

STROOMSHHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Hansweert

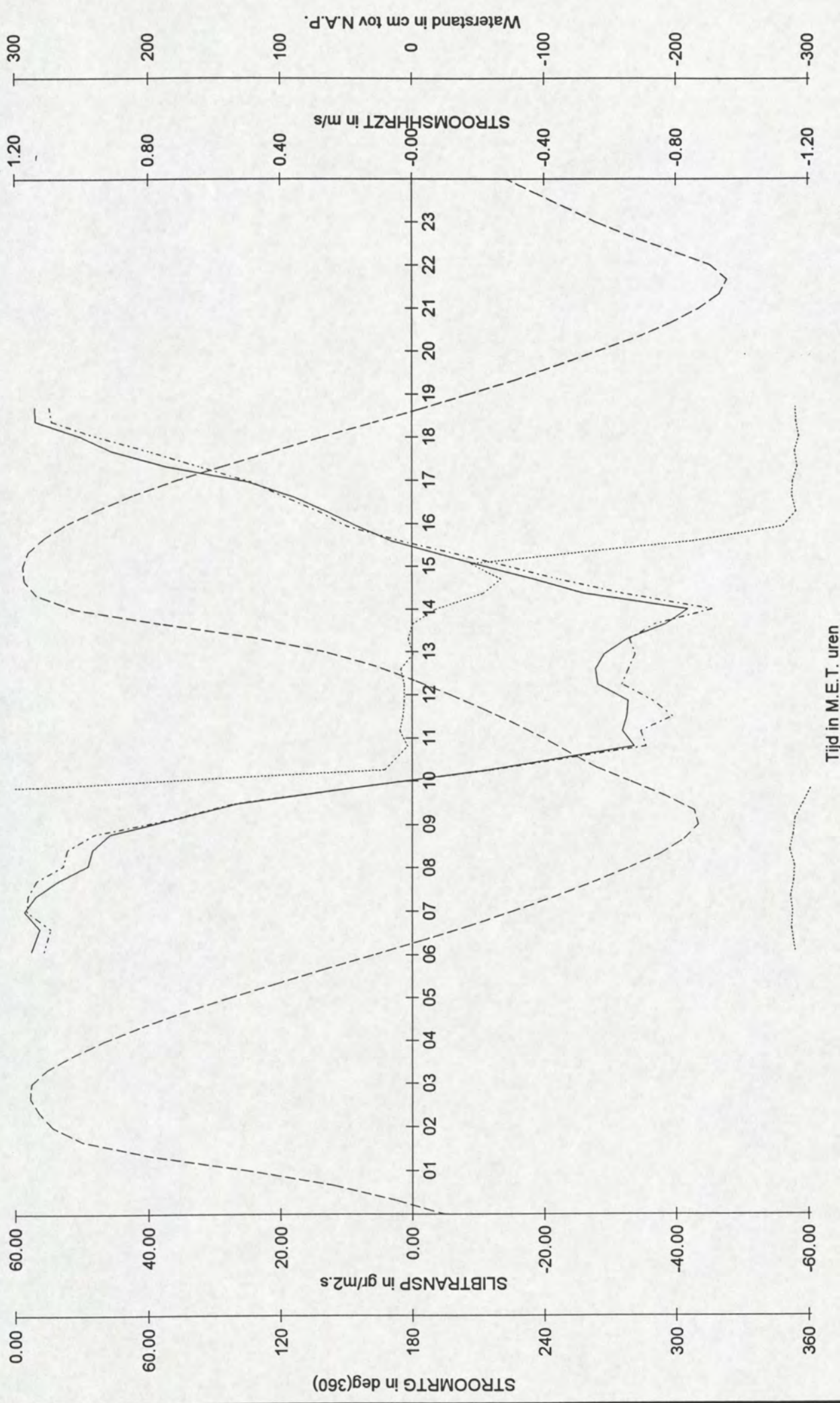
Raainaam : Debietaal5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



Rijkswaterstaat	Raanaam : Debietraal5A2	STROOMSHHRZT
Directie Zeeland	Datum Opname : 26/10/1999	STROOMMRTG
Meetdienst Zeeland	Streefvoetmaat : 1718	SLIBCONCENTR
	Vaartuig : KalooMP4	Waterstand te Hansweert

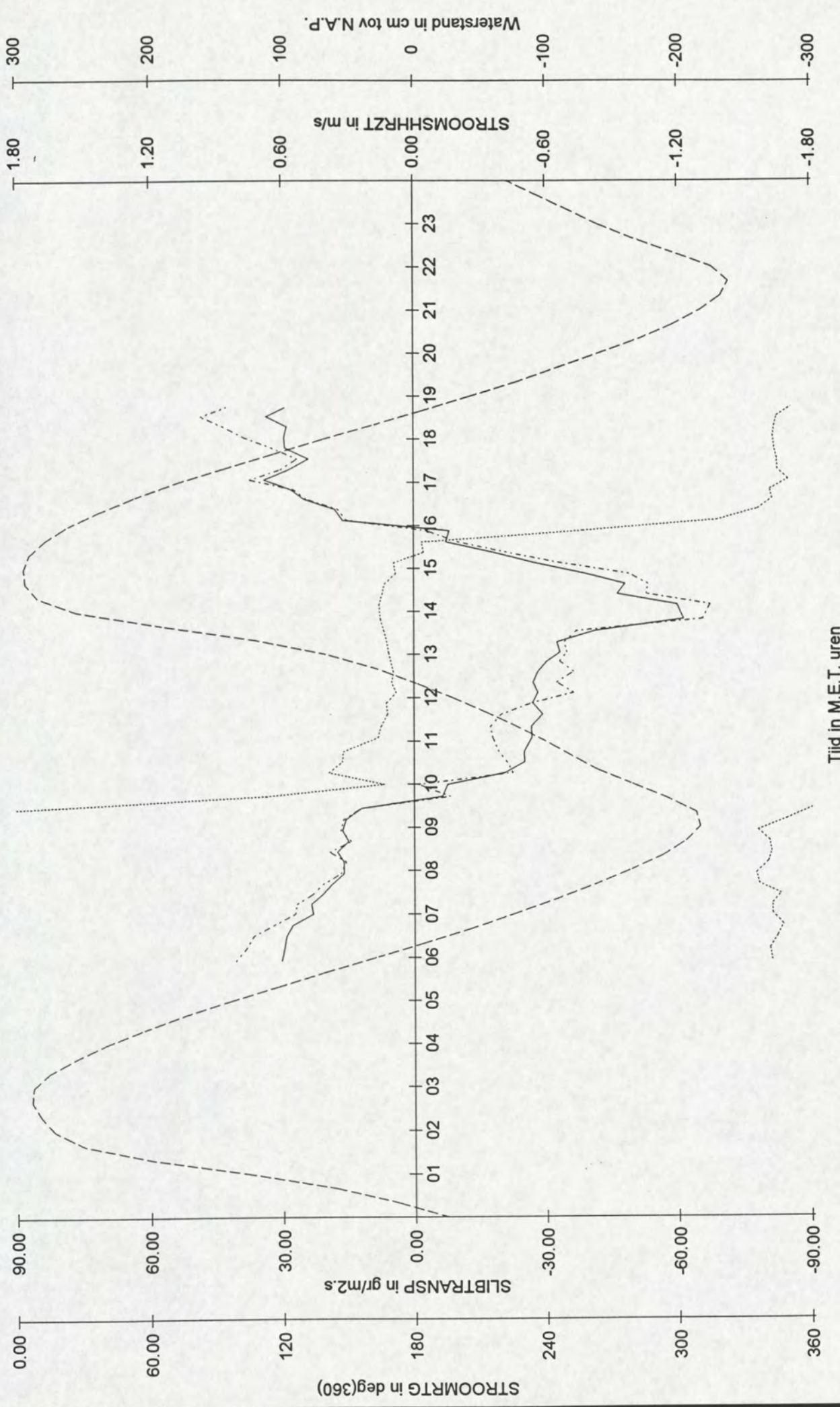
16. Gemiddelde krommen stroom en slibtransport



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 238
Vaartuig : KalooMP1

STROOMSHRZT
STROOMMRTG
SLIBTRANSP
Waterstand te Hansweert

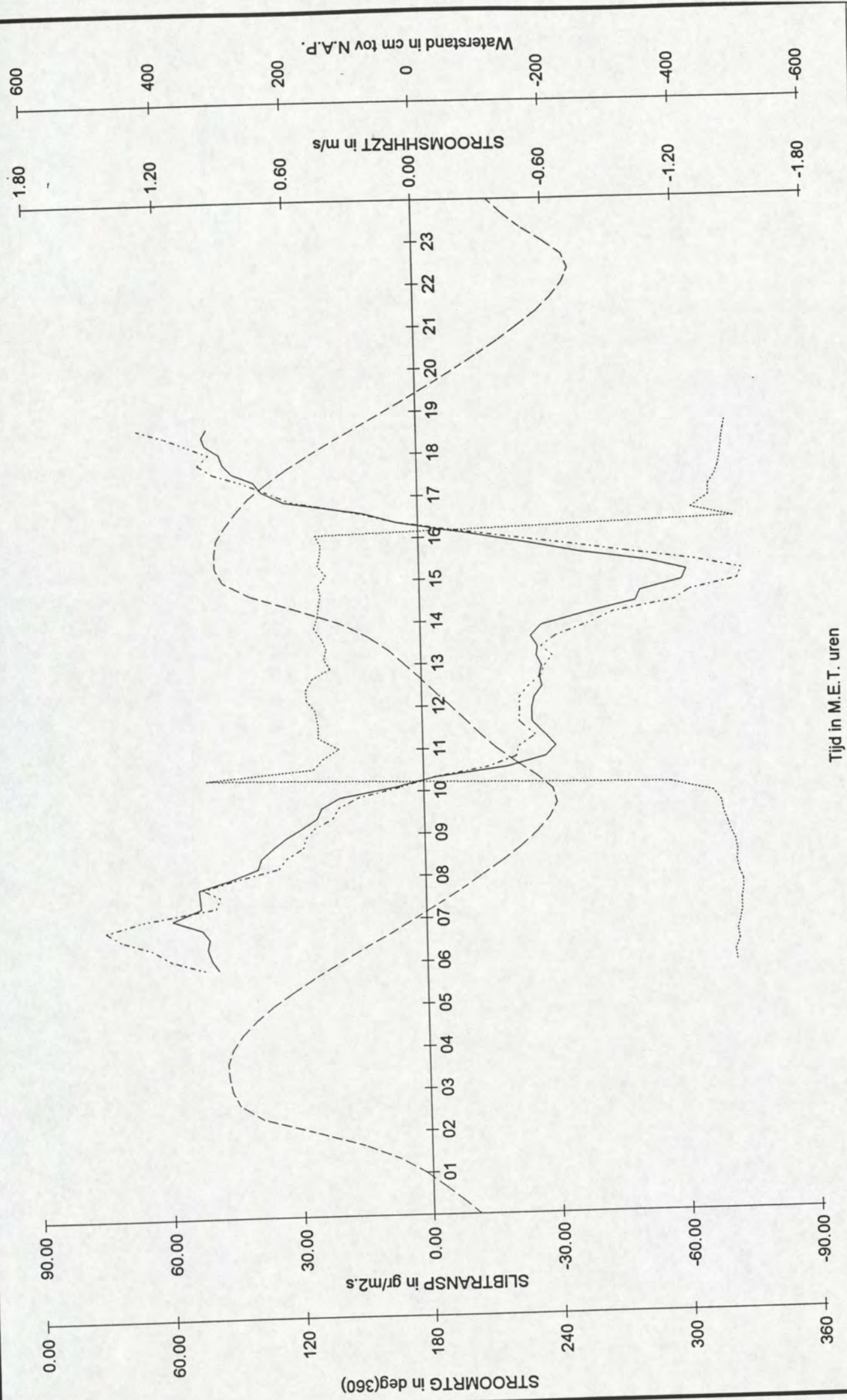


Tijd in M.E.T. uren

STROOMSHHRZT
STROOMMRTG
SLIBTRANSP
Waterstand te Hansweert

Raainaam : Debietraa5A1
Datum Opname : 25/10/1999
Streefvoetmaat : 1189
Vaartuig : SierixMP2

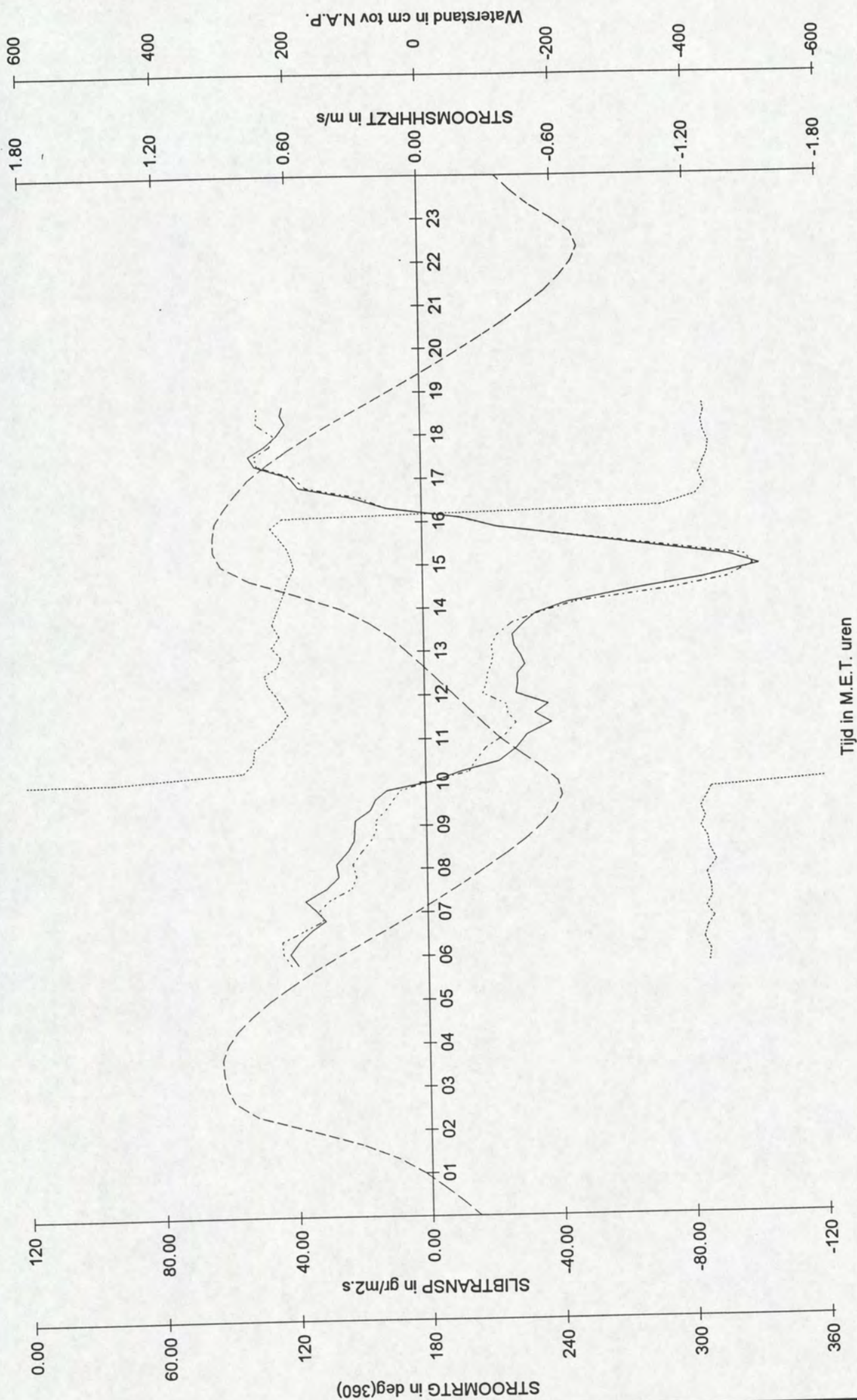
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



STROOMSHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Hansweert

Raainaam : Debietraal5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 940
Vaartuig : SierixMP3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



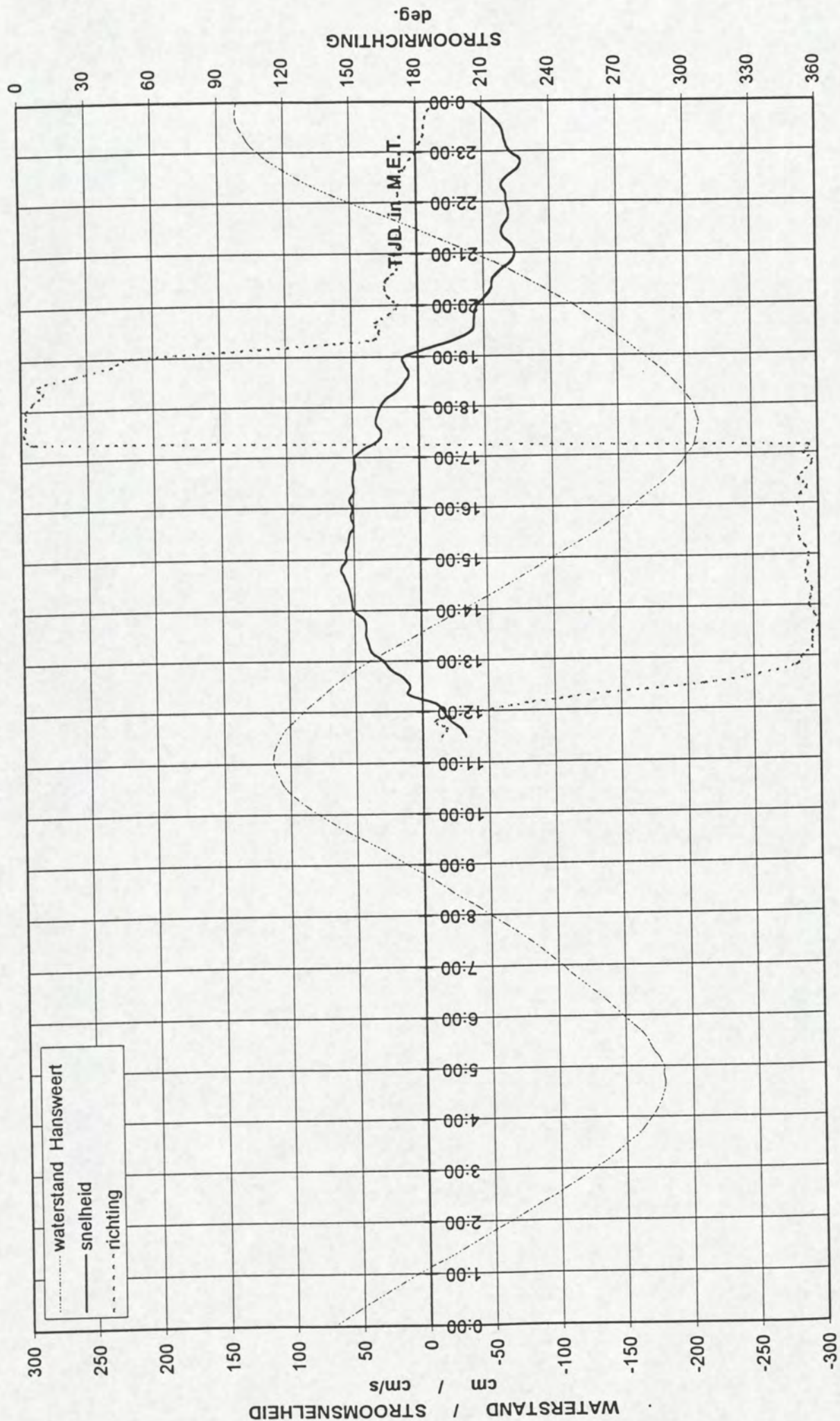
STROOMSHHRZT
STROOMRTG
SLIBTRANS
Waterstand te Hansweert

Tijd in M.E.T. uren

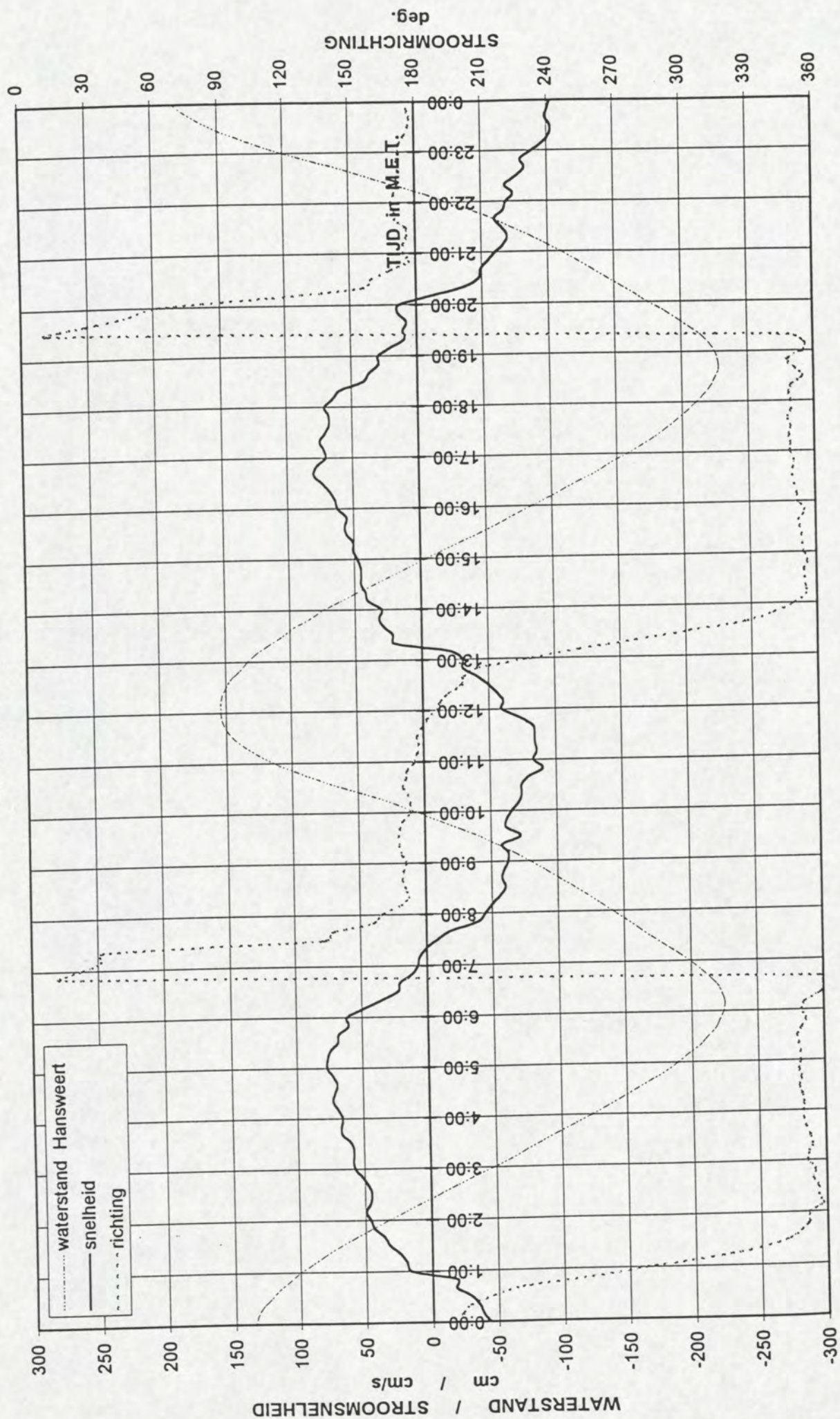
Raainaam : Debietraai5A2
Datum Opname : 26/10/1999
Streefvoetmaat : 1718
Vaartuig : KalooMP4

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

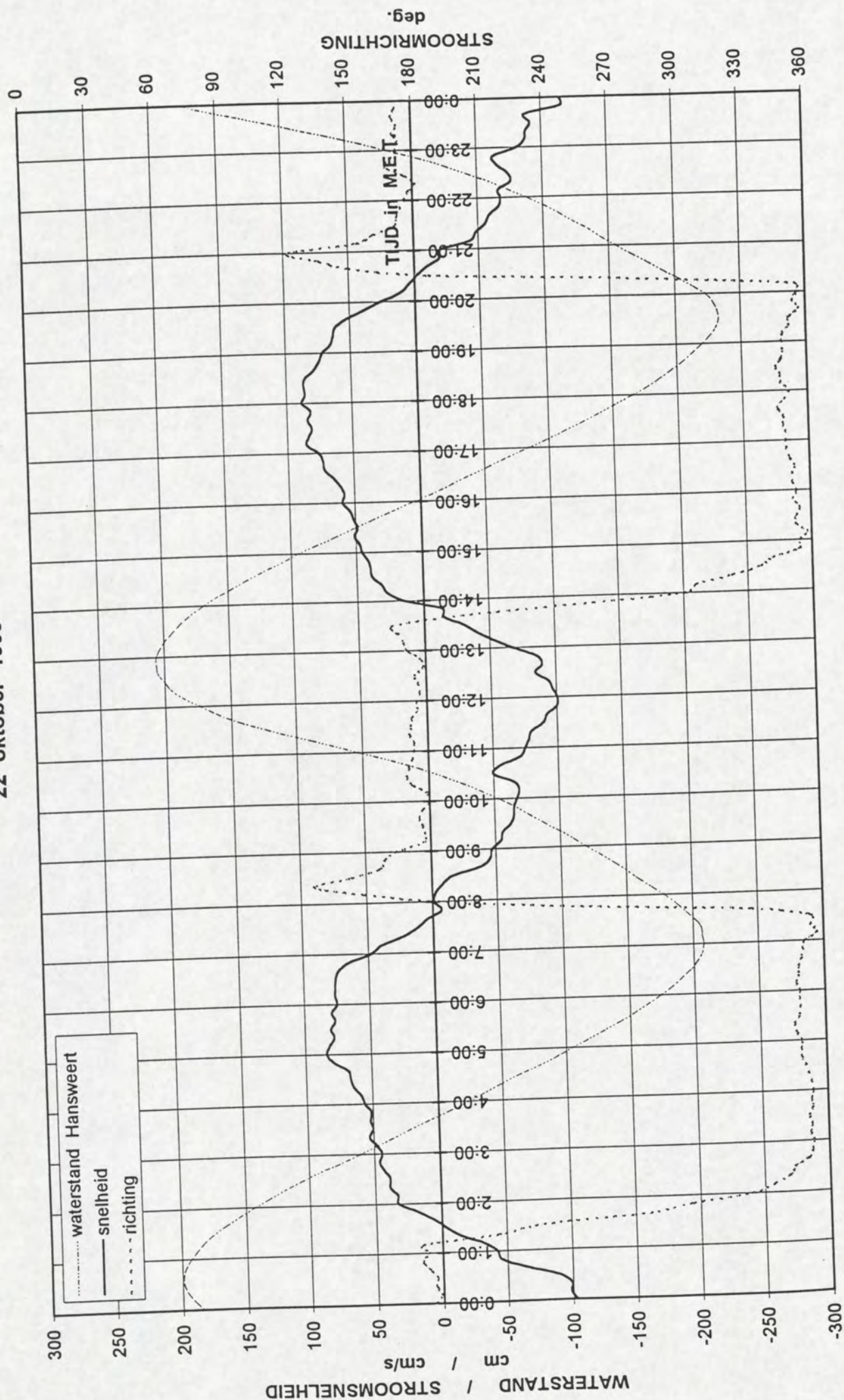
Raai 5A Zuidergat mp. OSM 1
20 oktober 1999



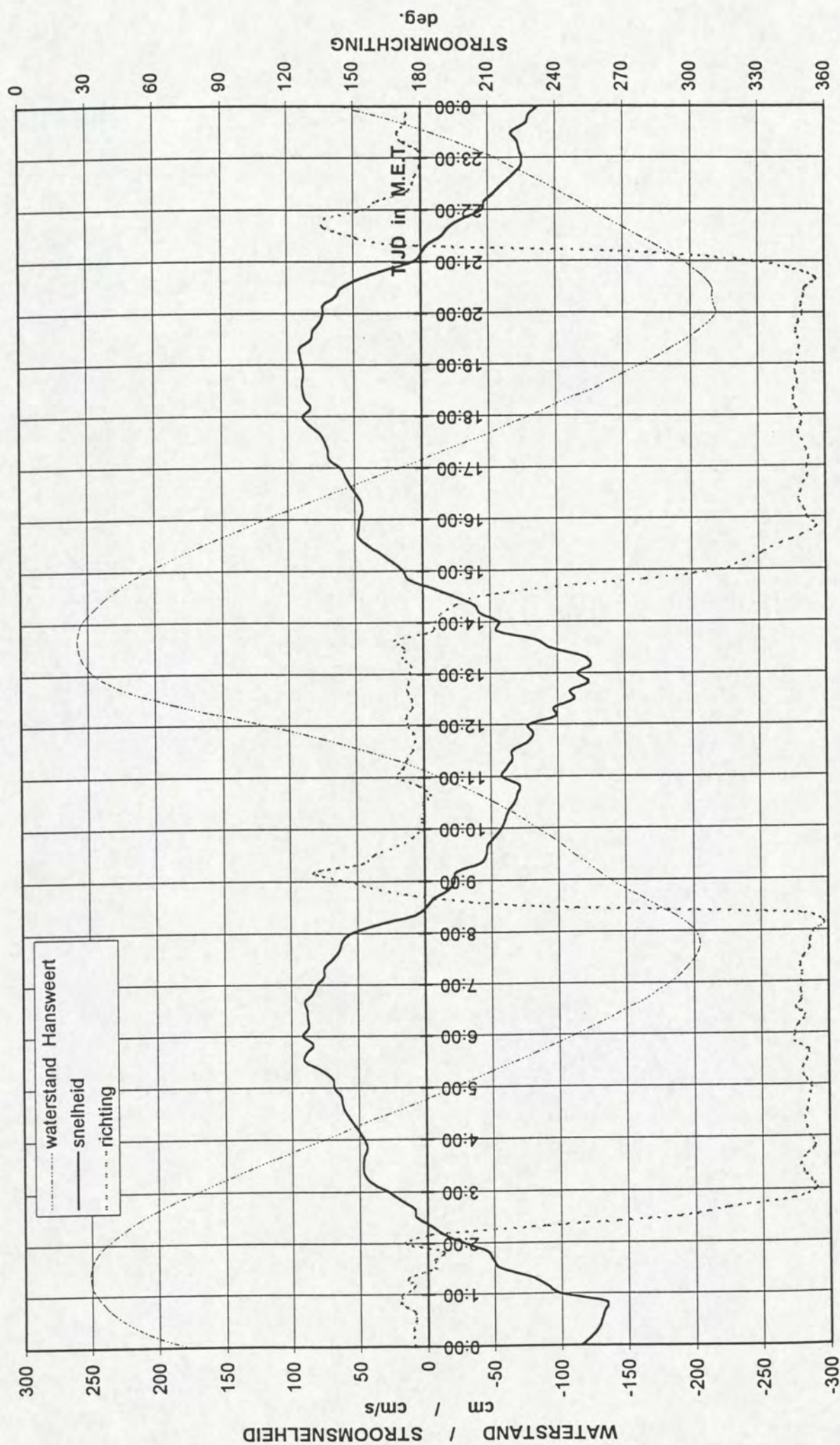
Raai 5A Zuidergat mp. OSM 1
21 oktober 1999



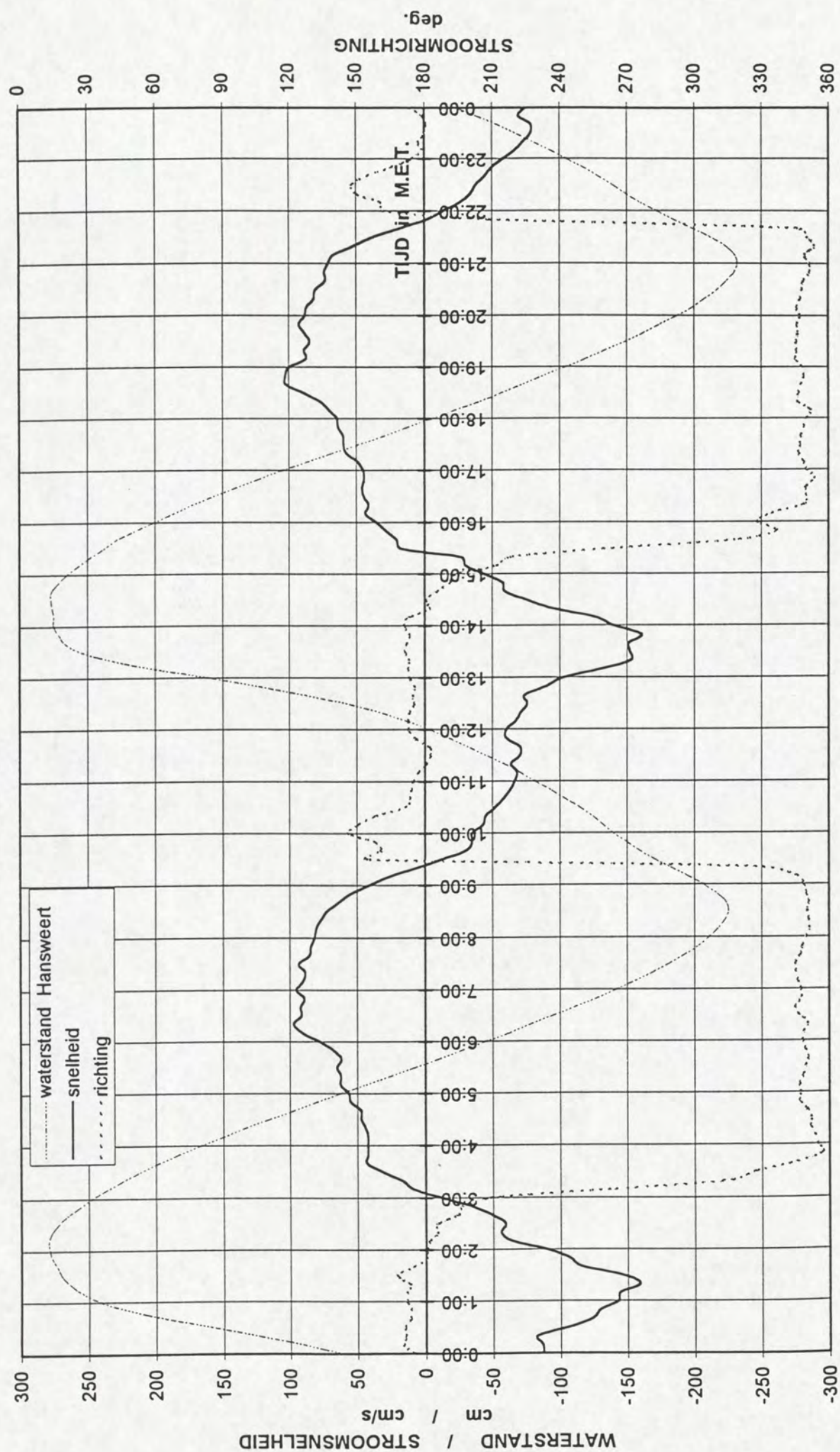
Raai 5A Zuidergat mp. OSM 1
22 oktober 1999



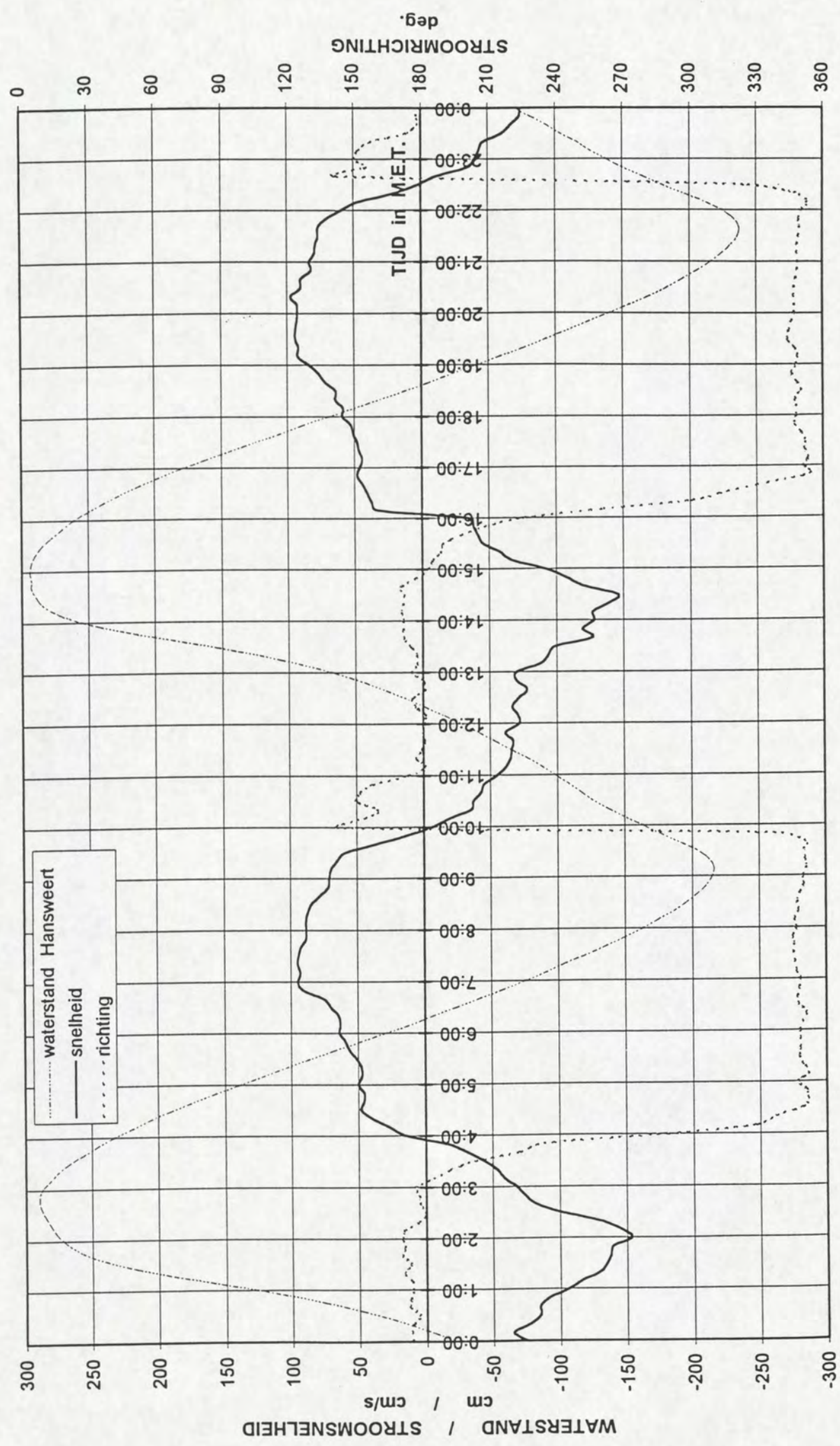
Raai 5A Zuidergat mp. OSM 1
23 oktober 1999



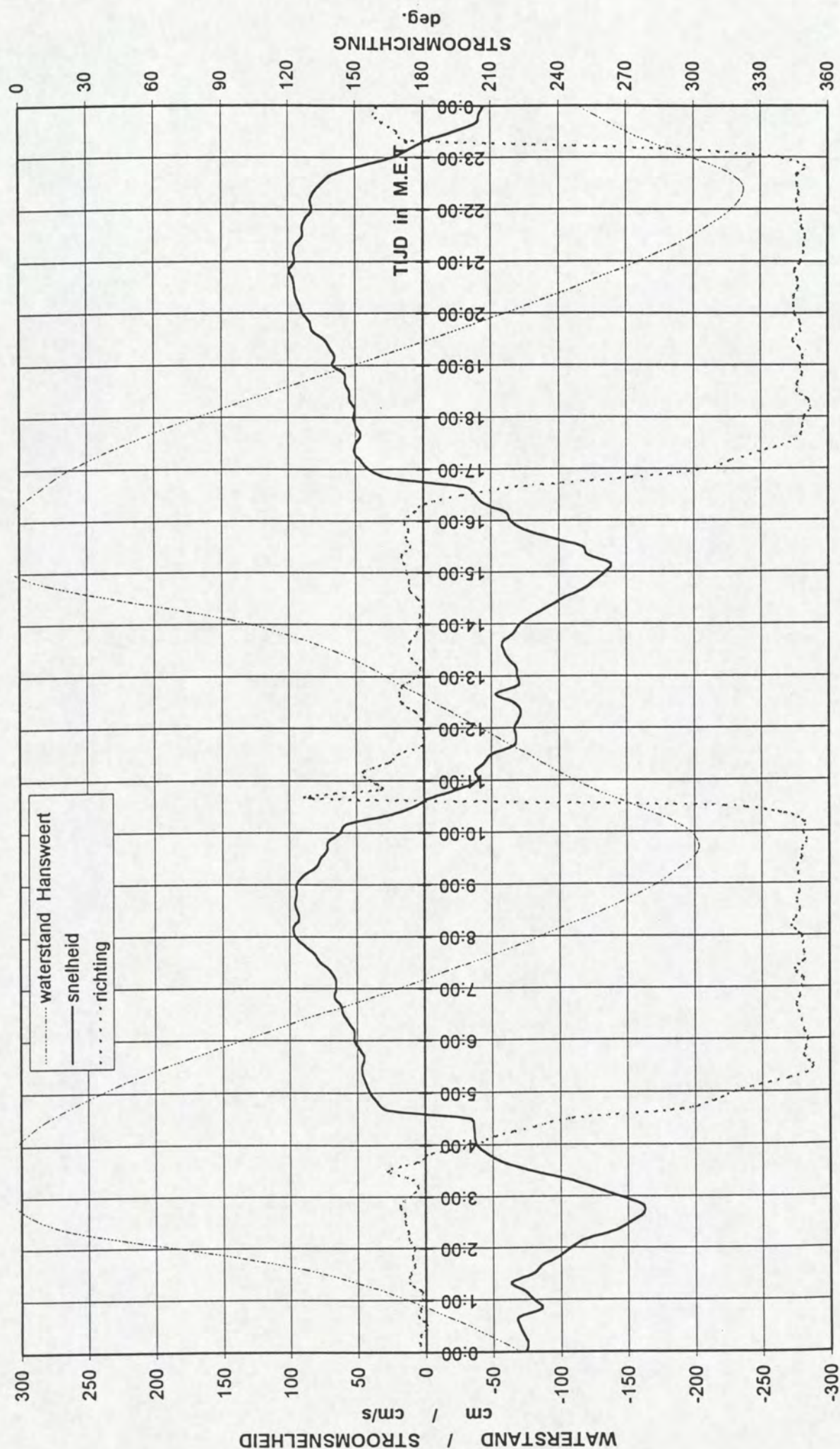
Raai 5A Zuidergat mp. OSM 1
24 oktober 1999



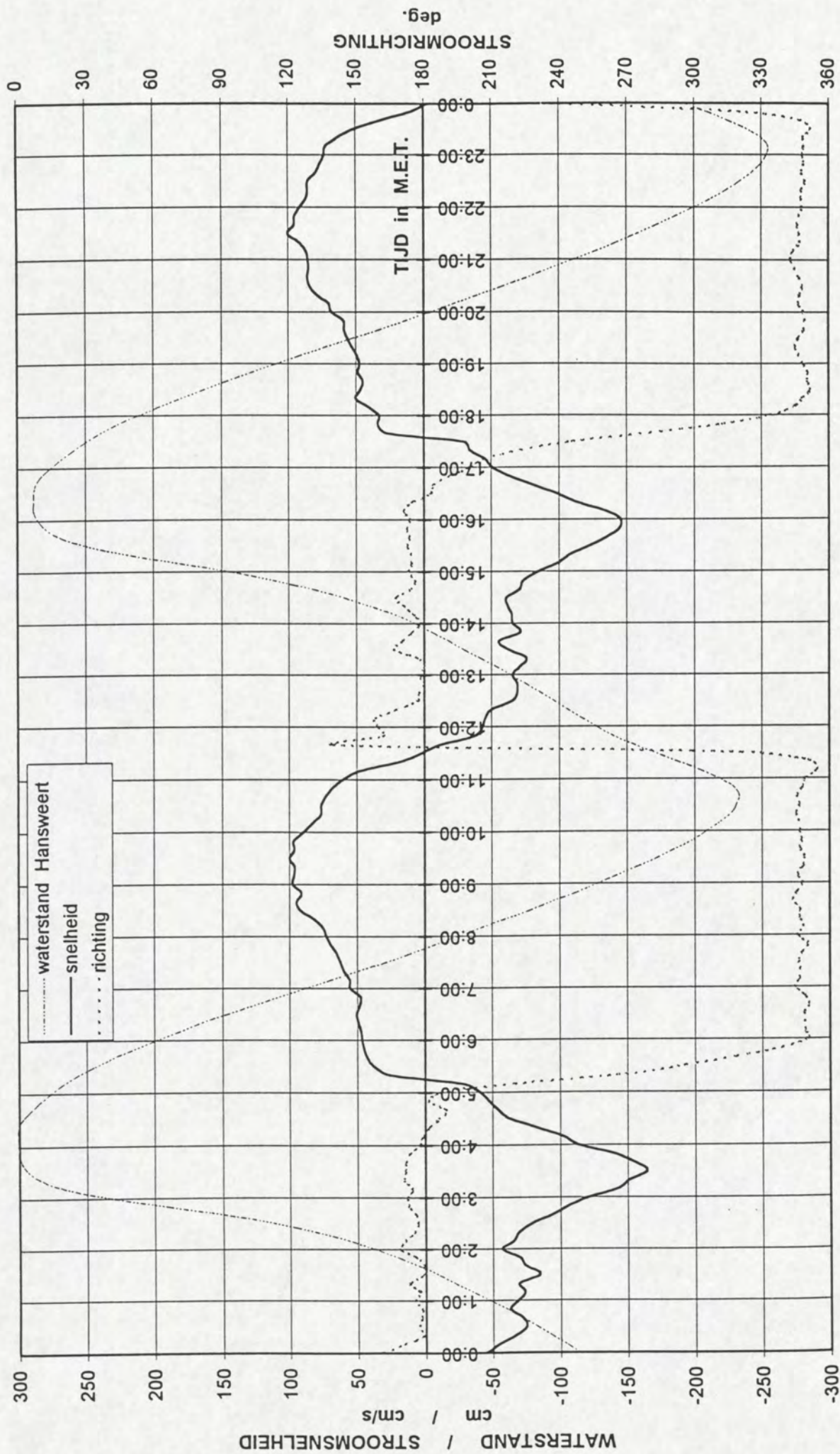
Raai 5A Zuidergat mp. OSM 1
25 oktober 1999



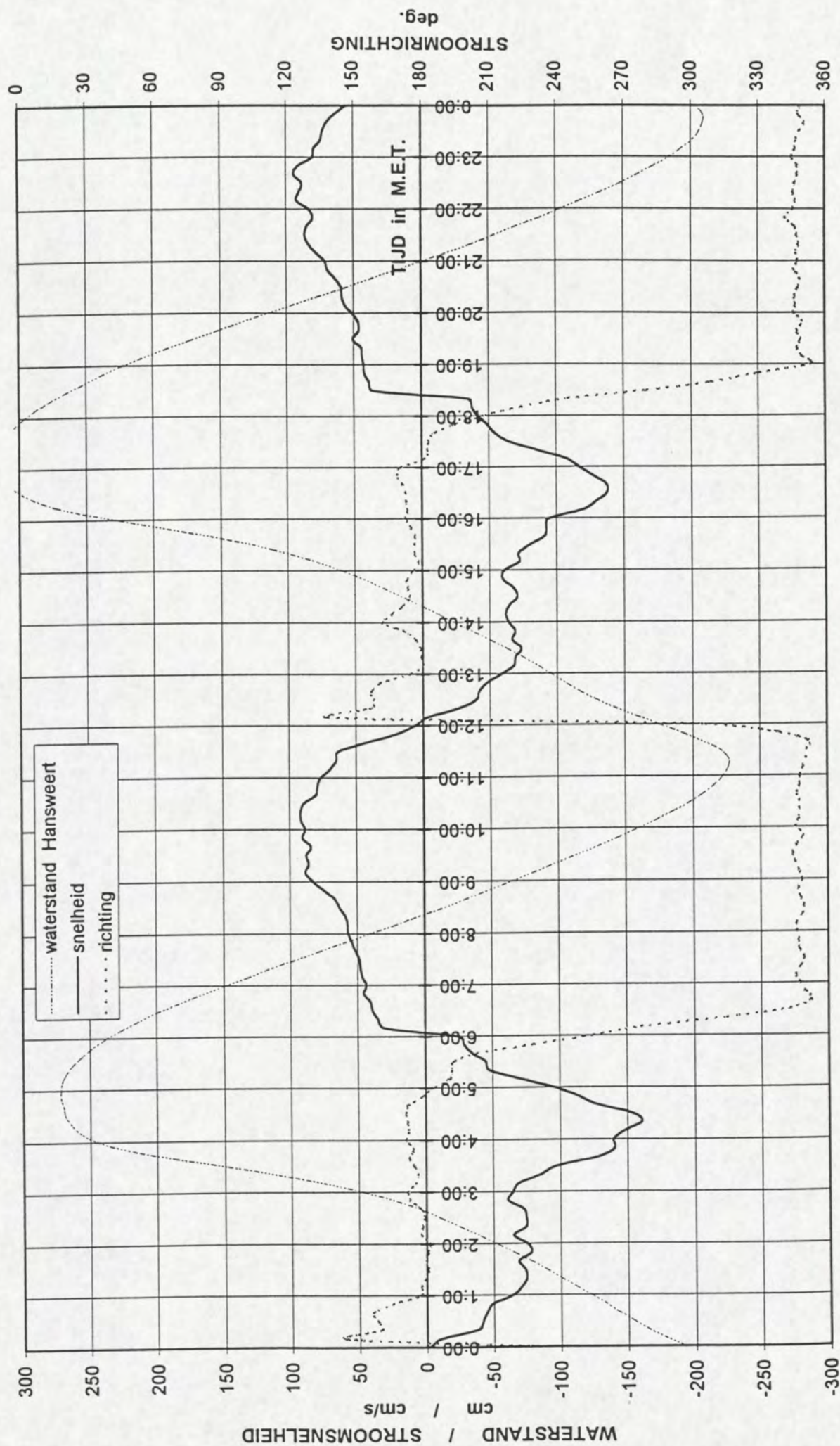
Raai 5A Zuidergat mp. OSM 1
26 oktober 1999



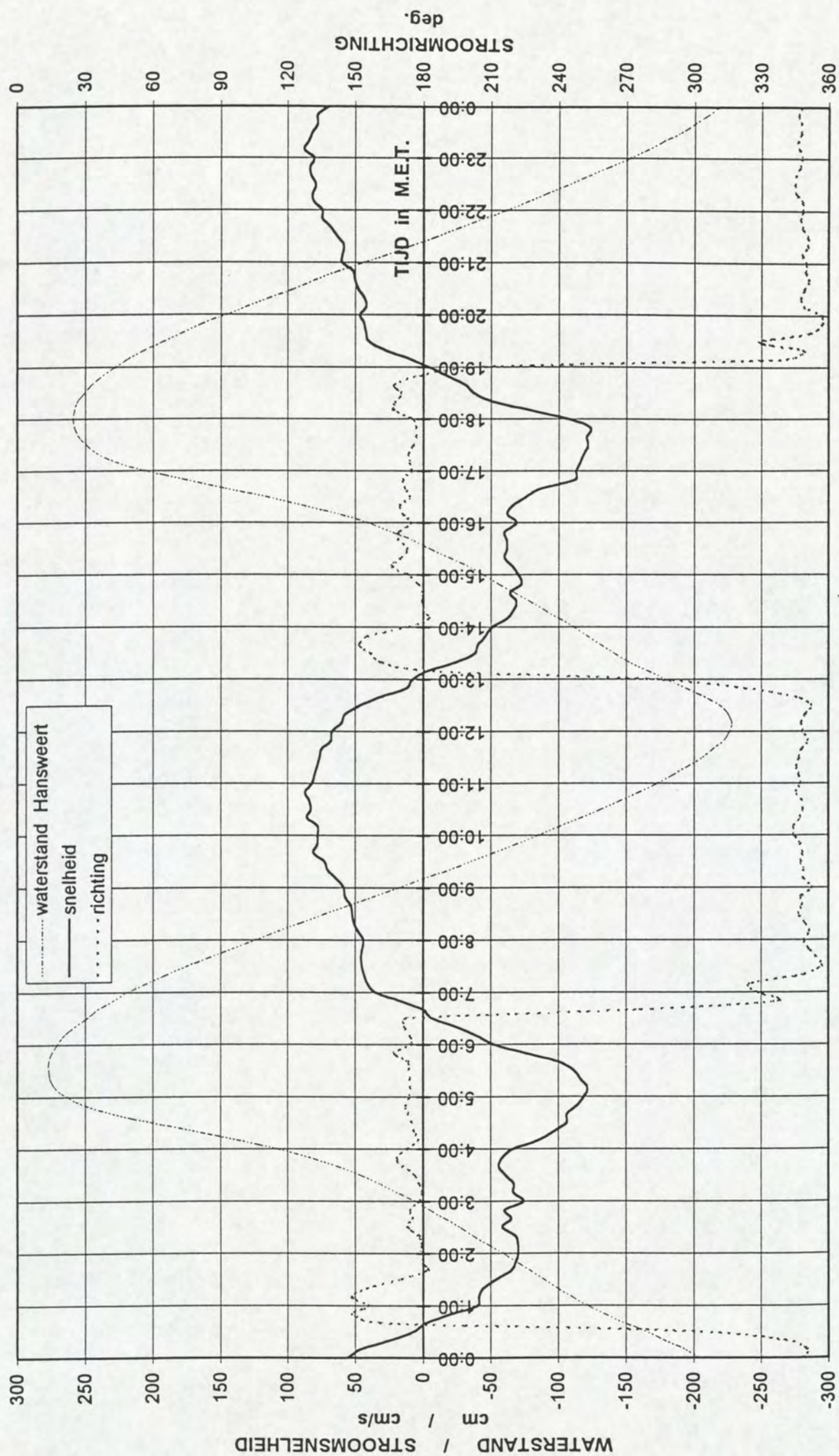
Raai 5A Zuidergat mp. OSM 1
27 oktober 1999



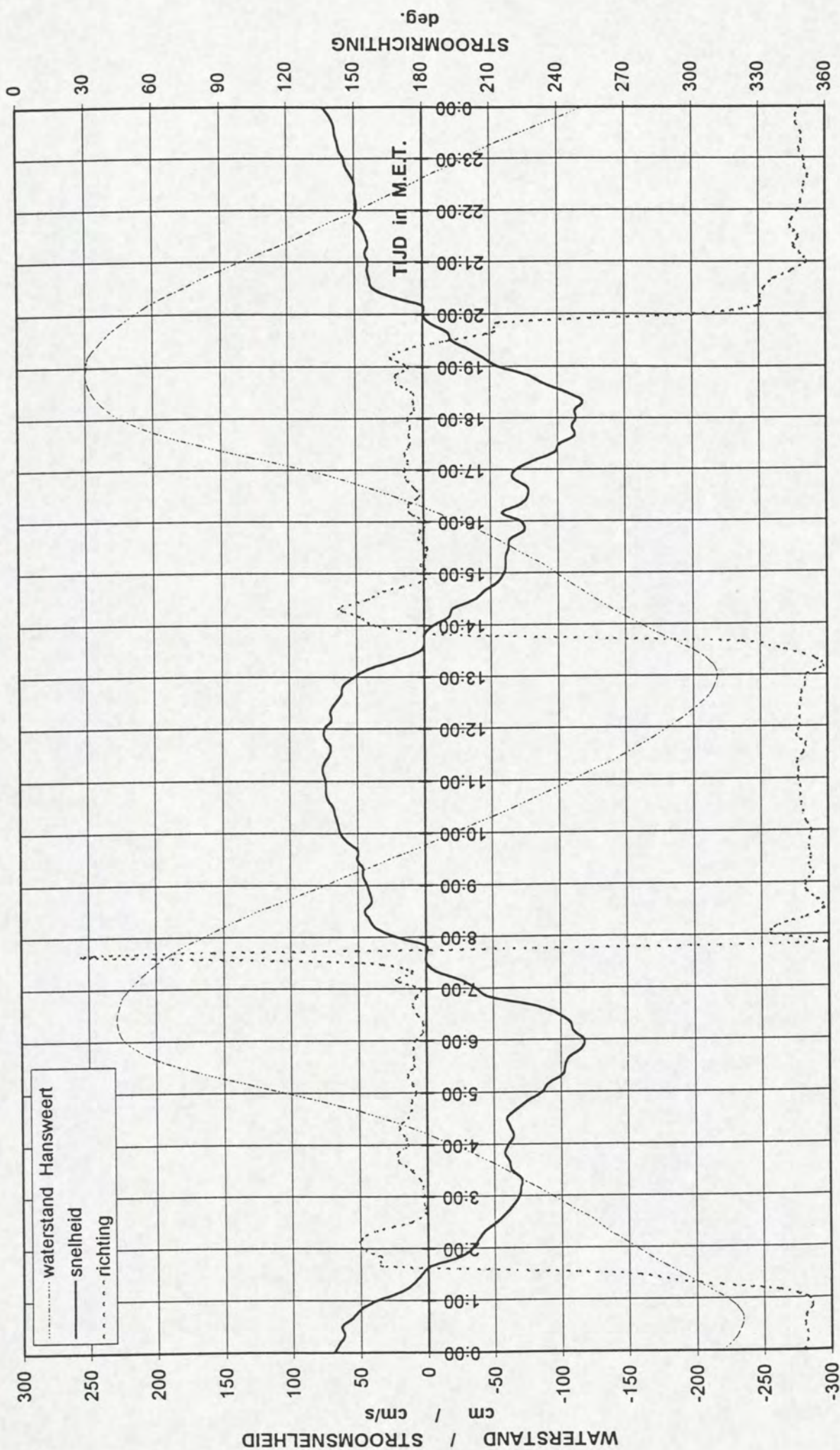
Raai 5A Zuidergat mp. OSM 1
28 oktober 1999



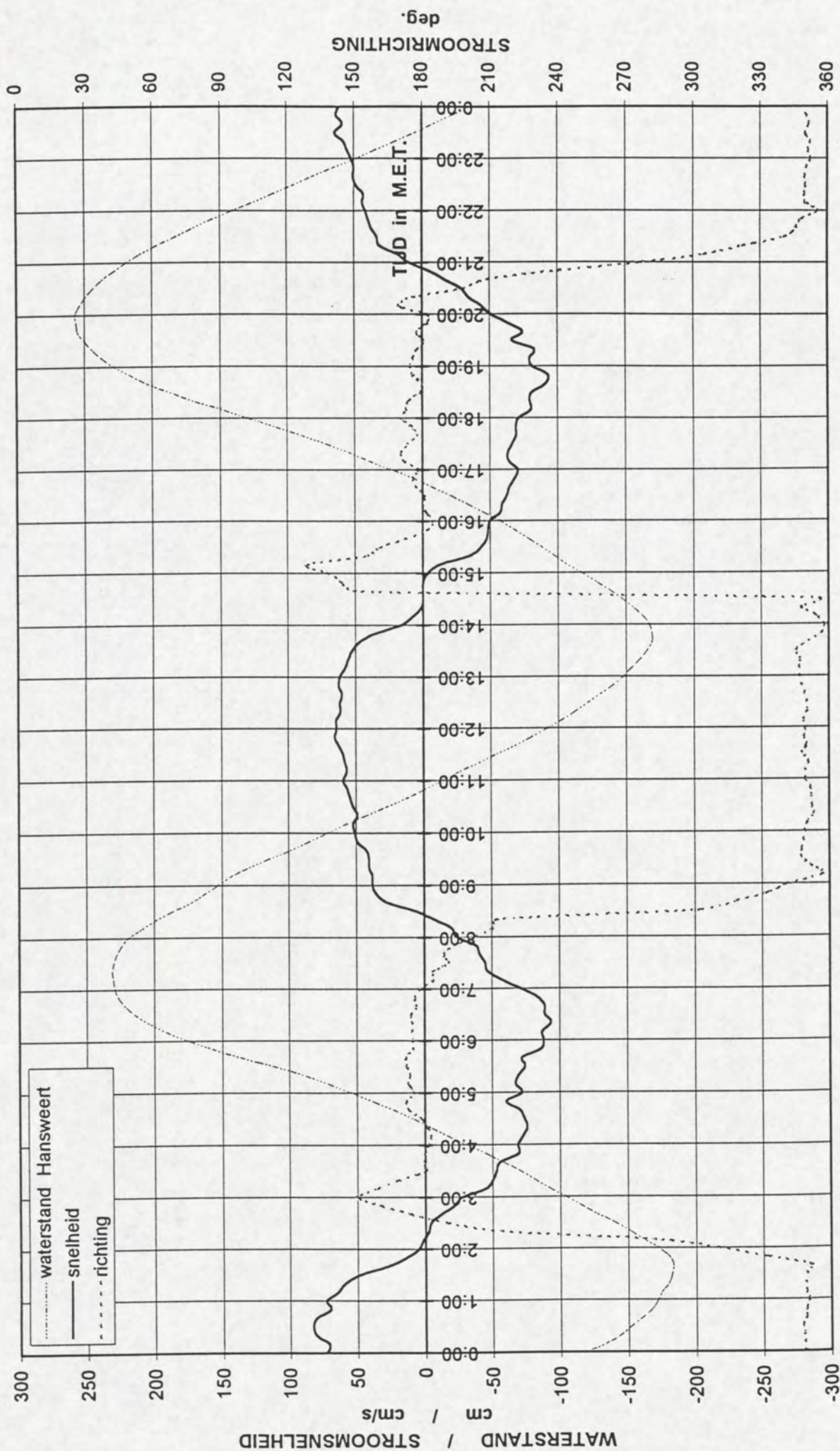
Raai 5A Zuidergat mp. OSM 1
29 oktober 1999



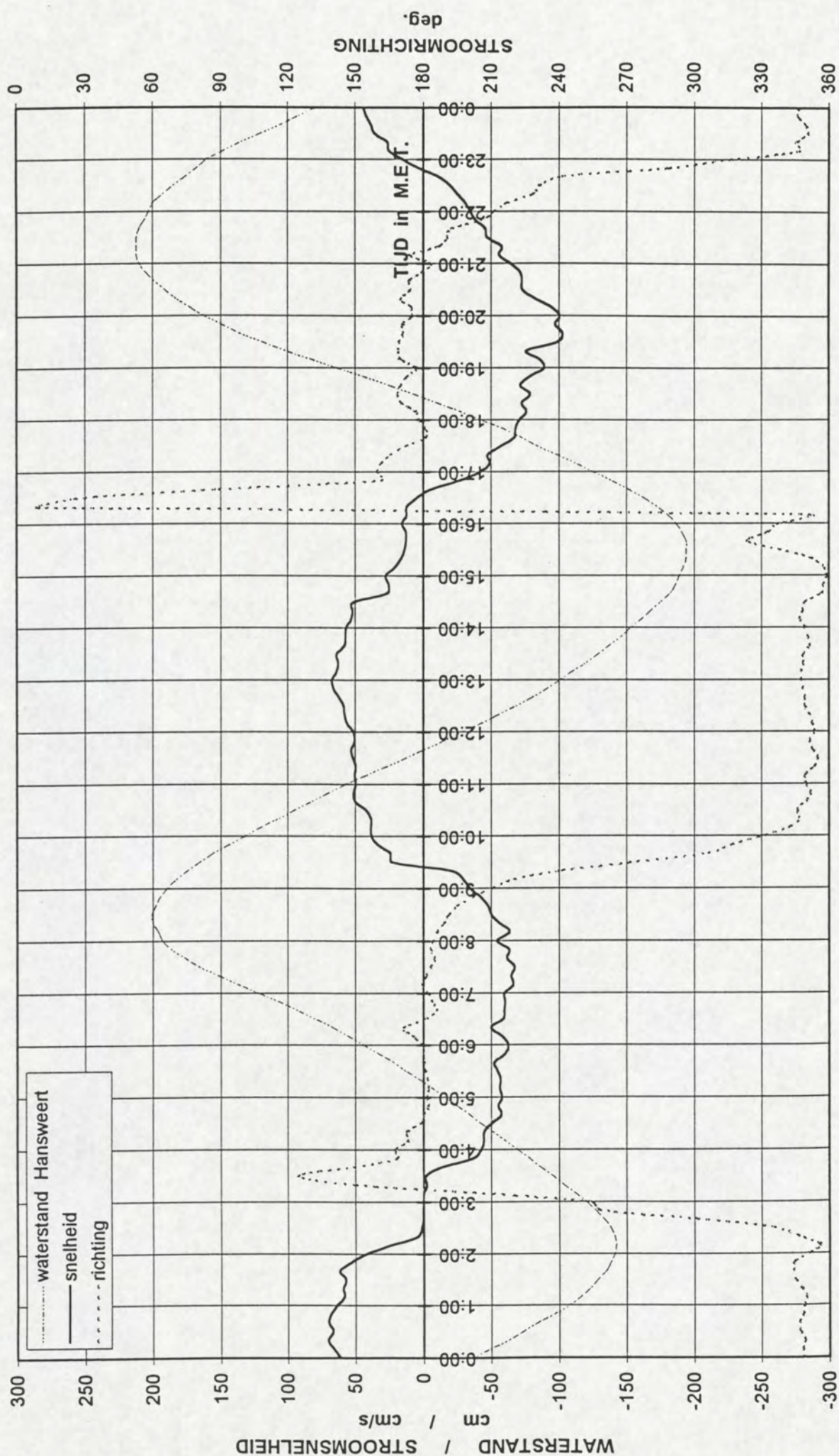
Raai 5A Zuidergat mp. OSM 1
30 oktober 1999



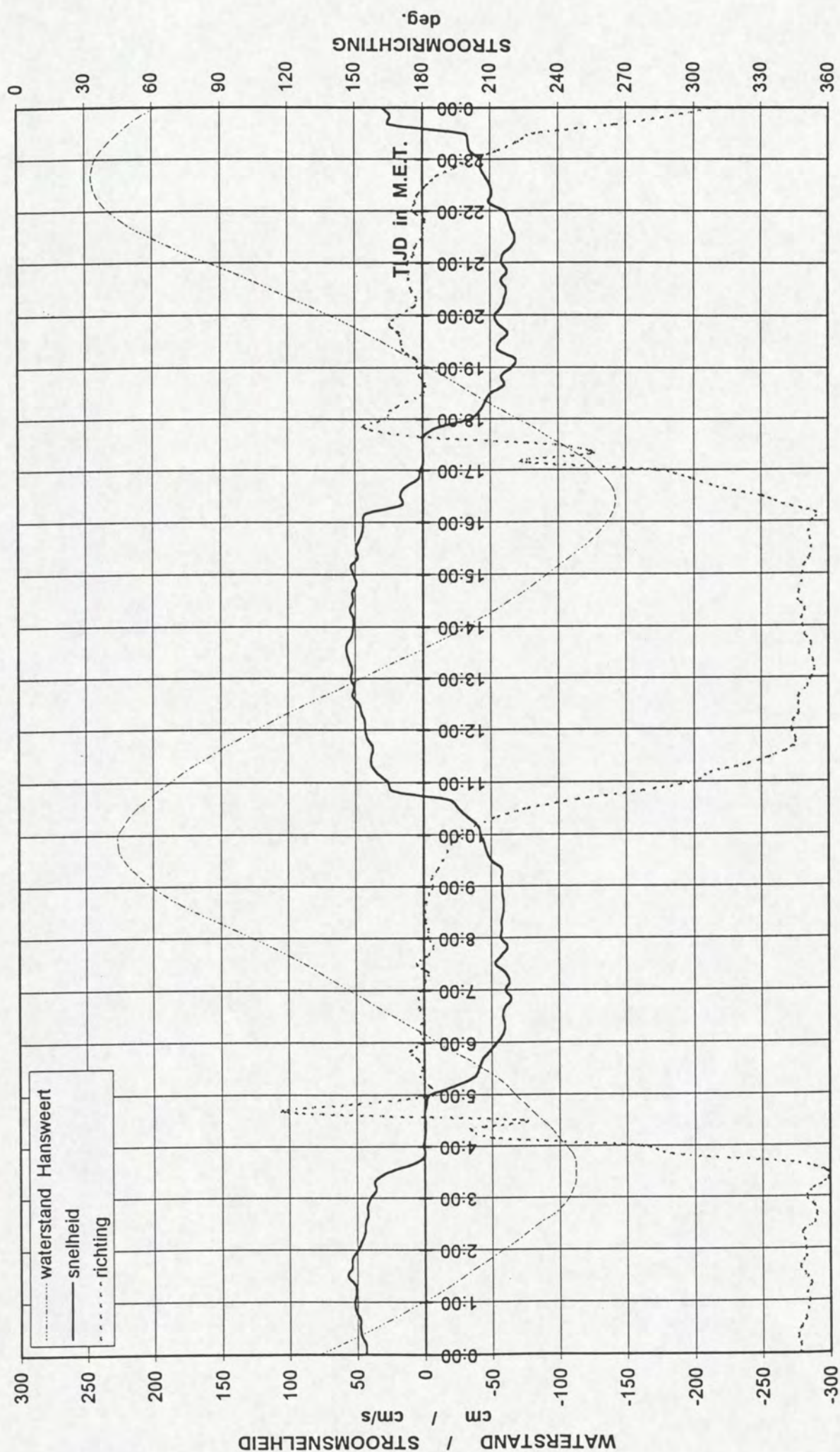
Raai 5A Zuidergat mp. OSM 1
31 oktober 1999



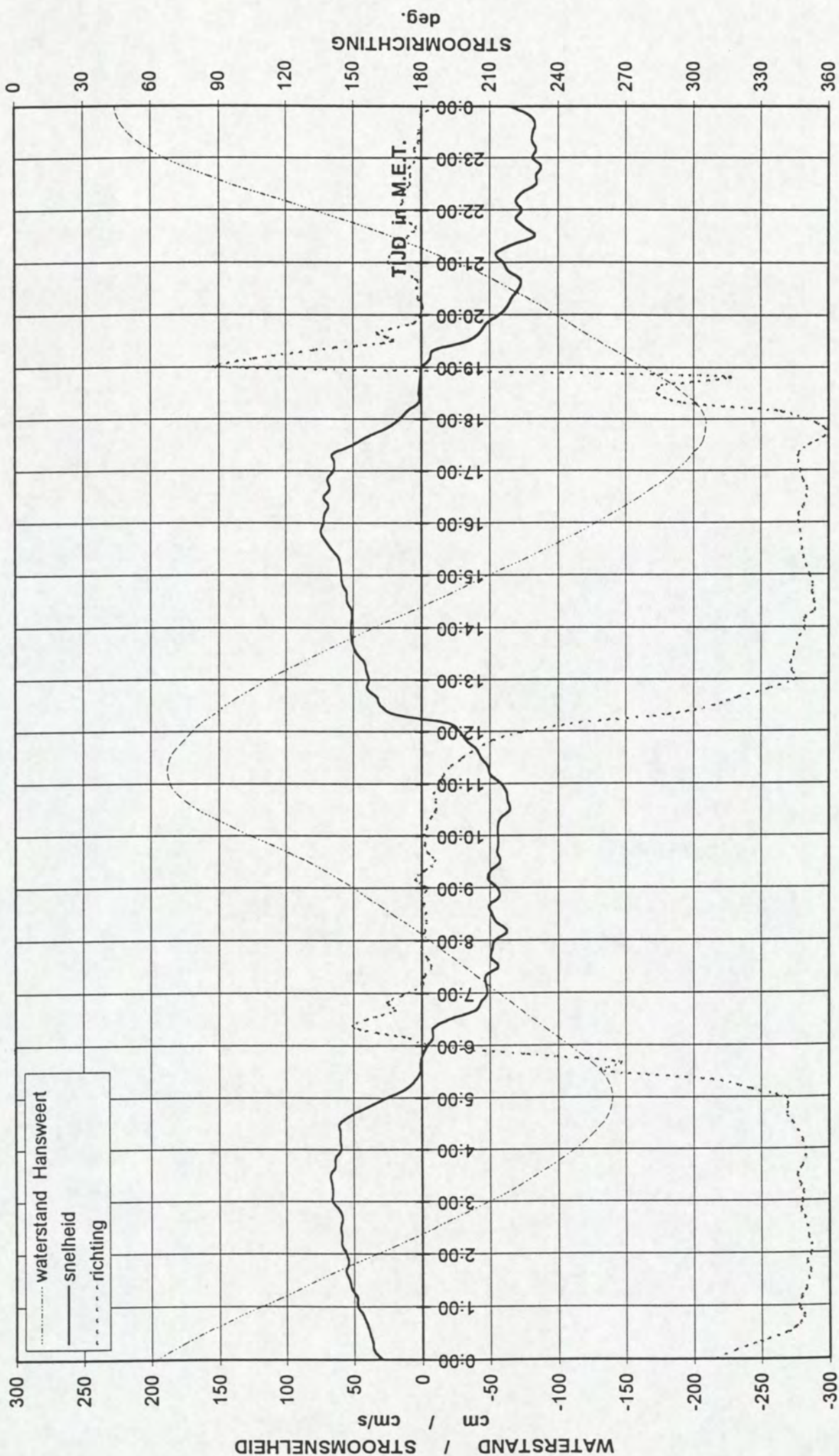
Raai 5A Zuidergat mp. OSM 1
1 november 1999



Raai 5A Zuidergat mp. OSM 1
2 november 1999

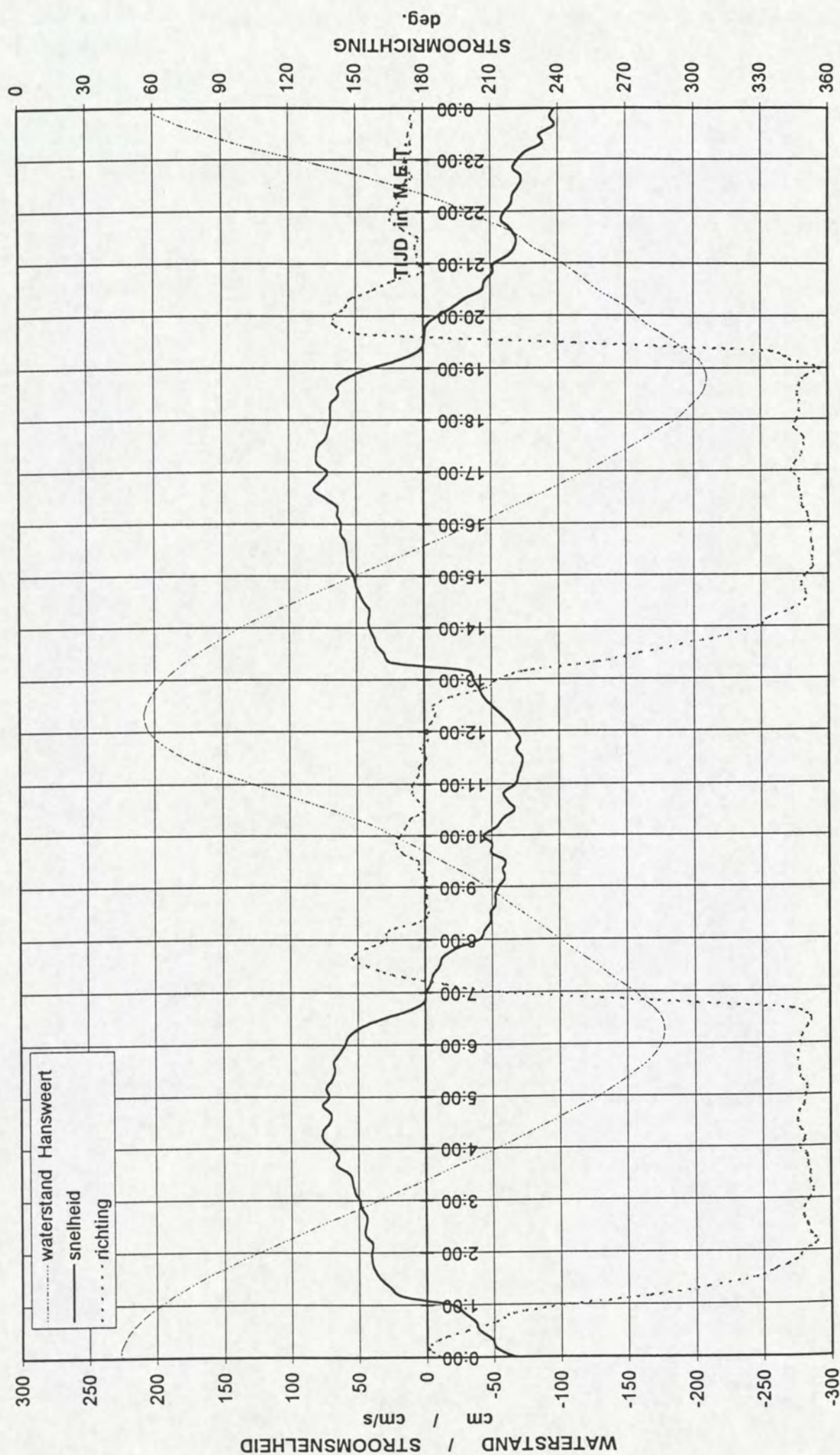


Raai 5A Zuidergat mp. OSM 1
3 november 1999

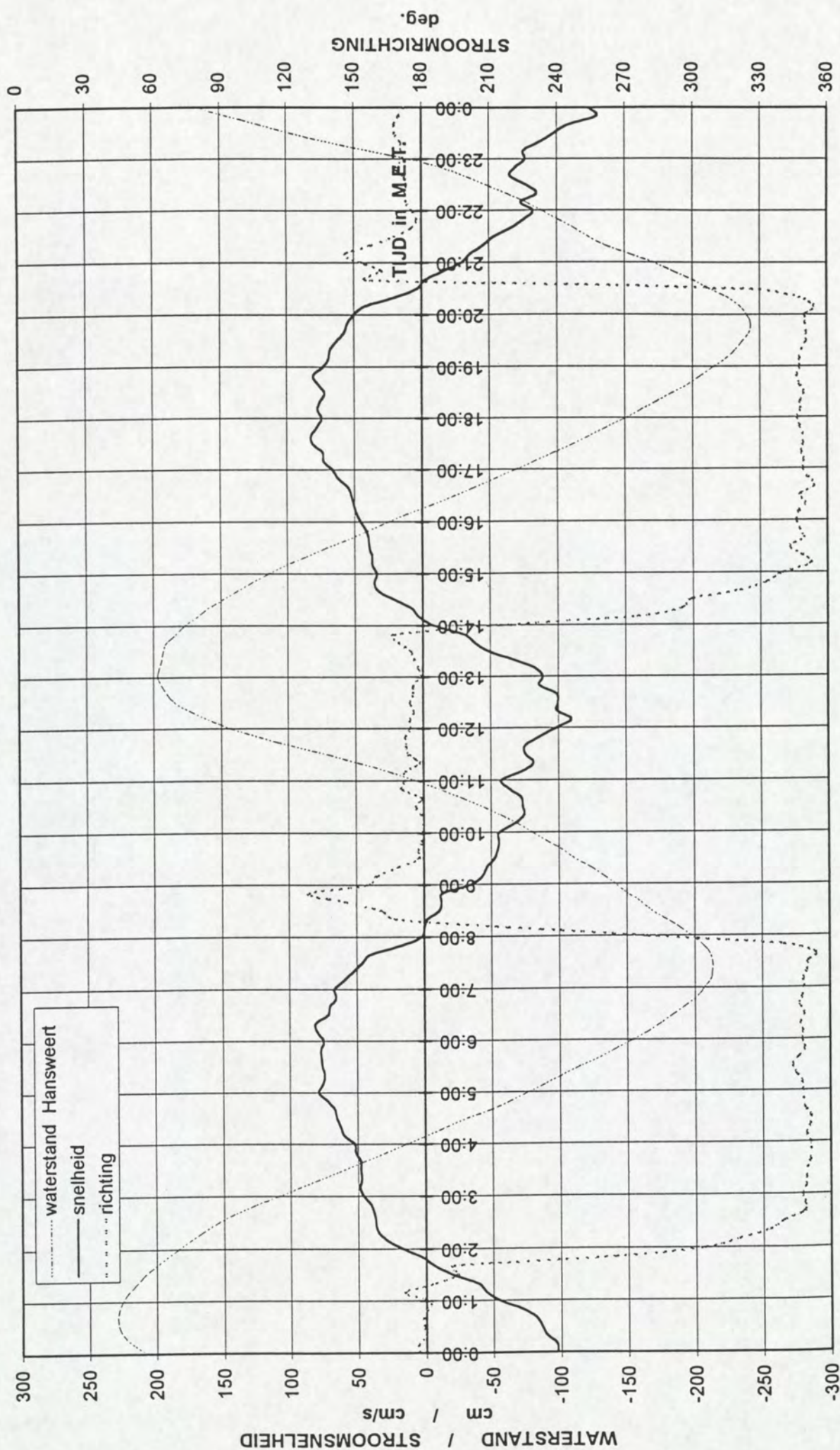


Raai 5A Zuidergat mp. OSM 1

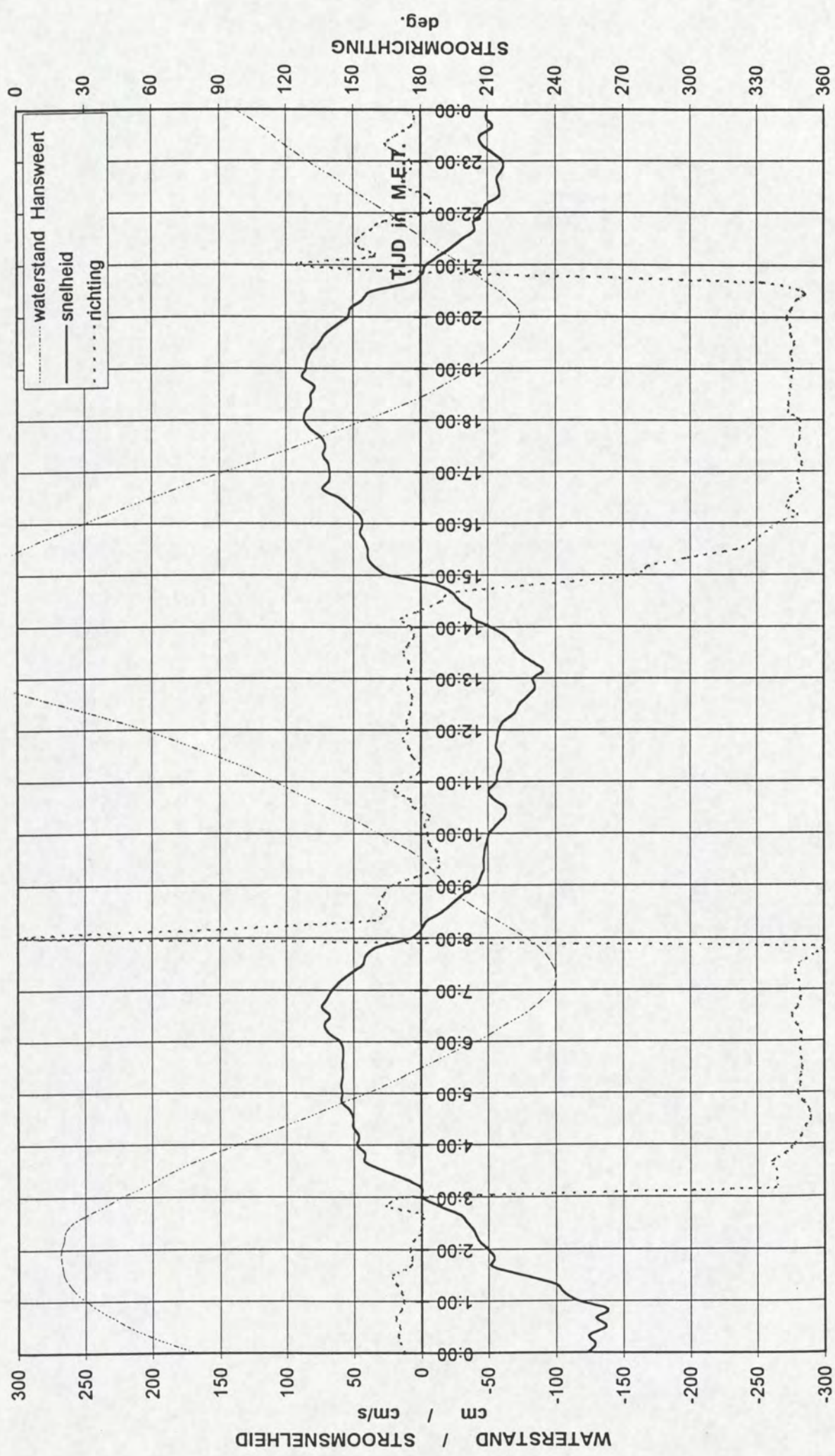
4 november 1999



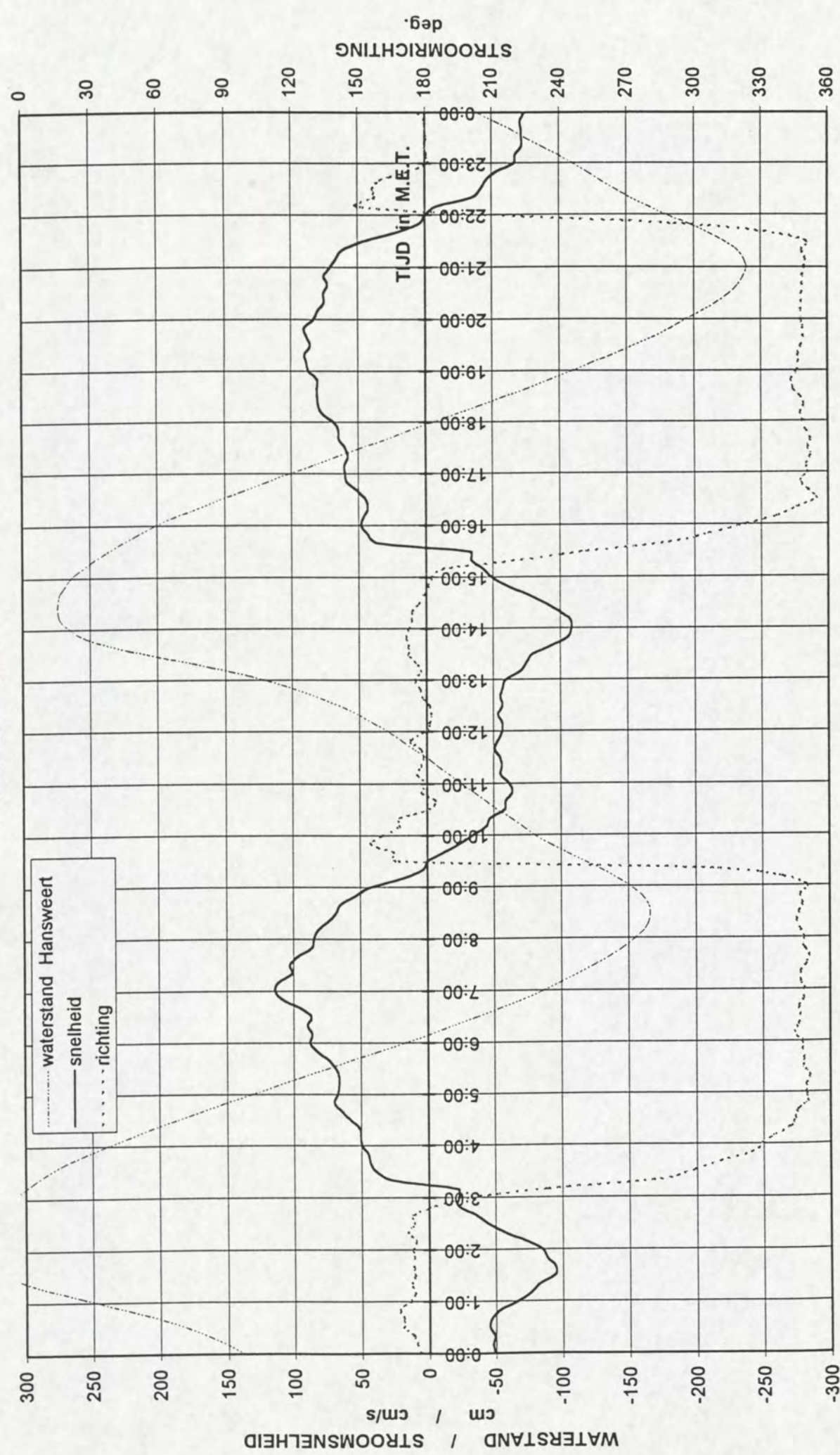
Raai 5A Zuidergat mp. OSM 1
5 november 1999



Raai 5A Zuidergat mp. OSM 1
6 november 1999

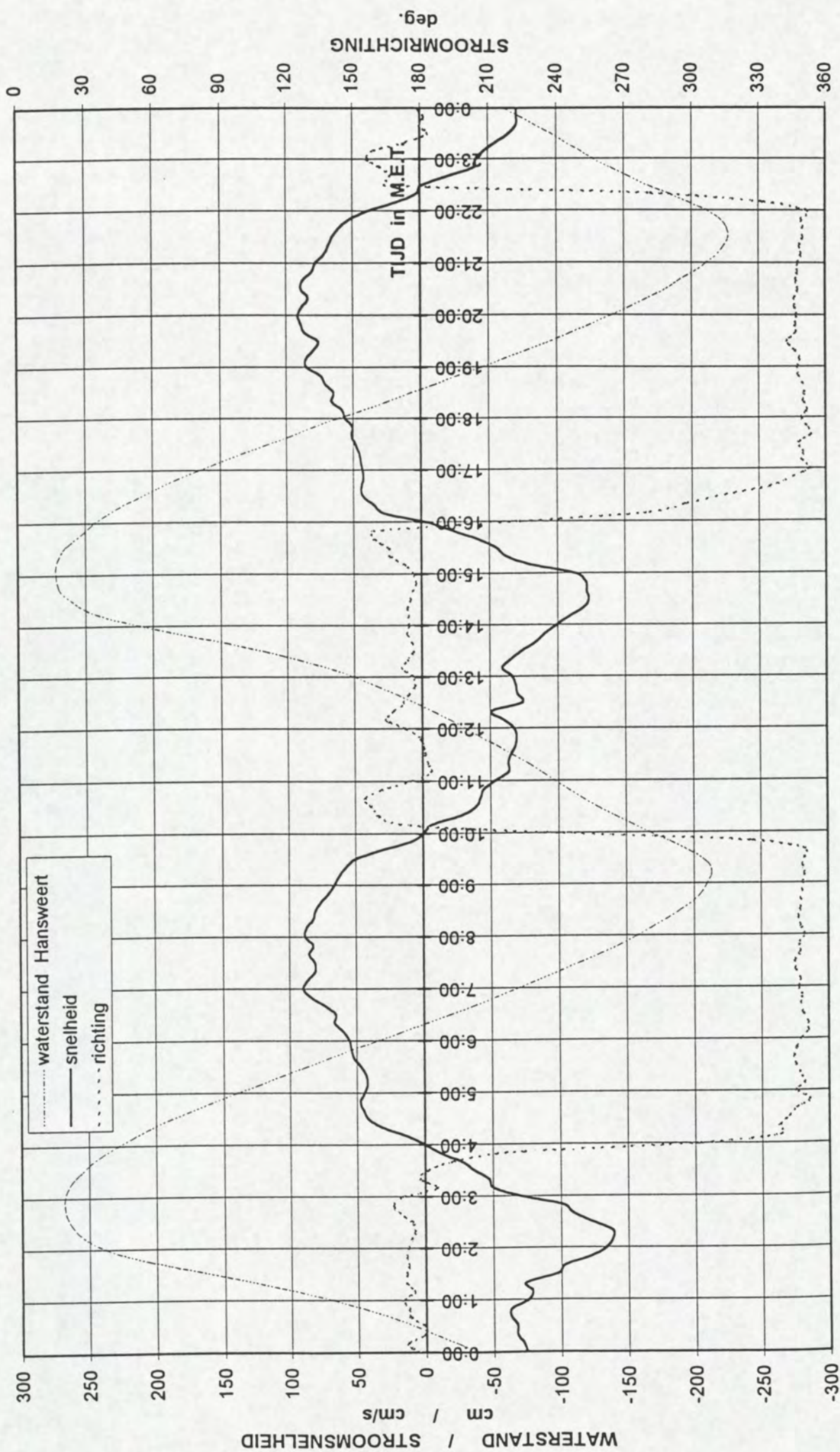


Raai 5A Zuidergat mp. OSM 1
7 november 1999



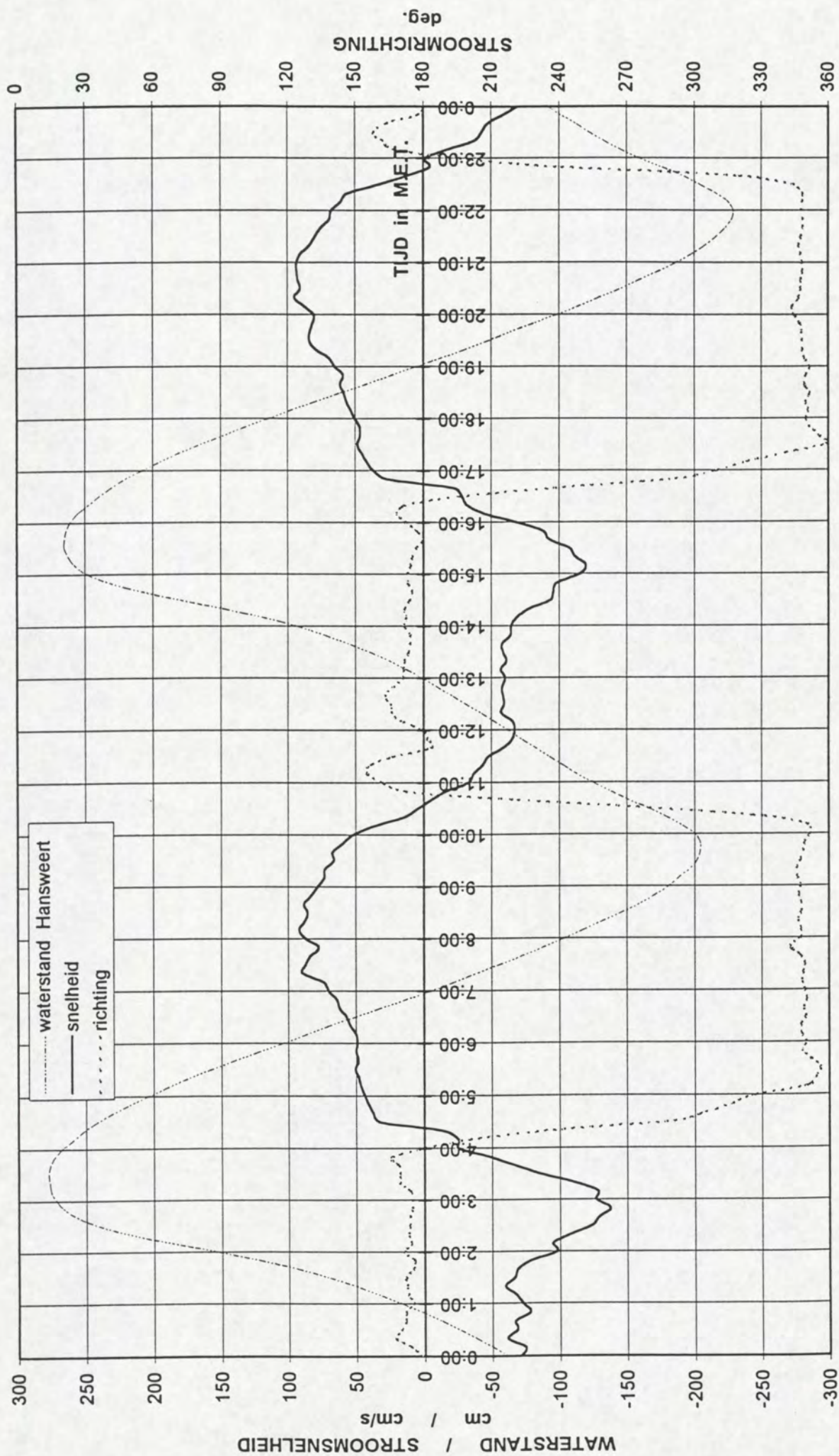
Raai 5A Zuidergat mp. OSM 1

8 november 1999

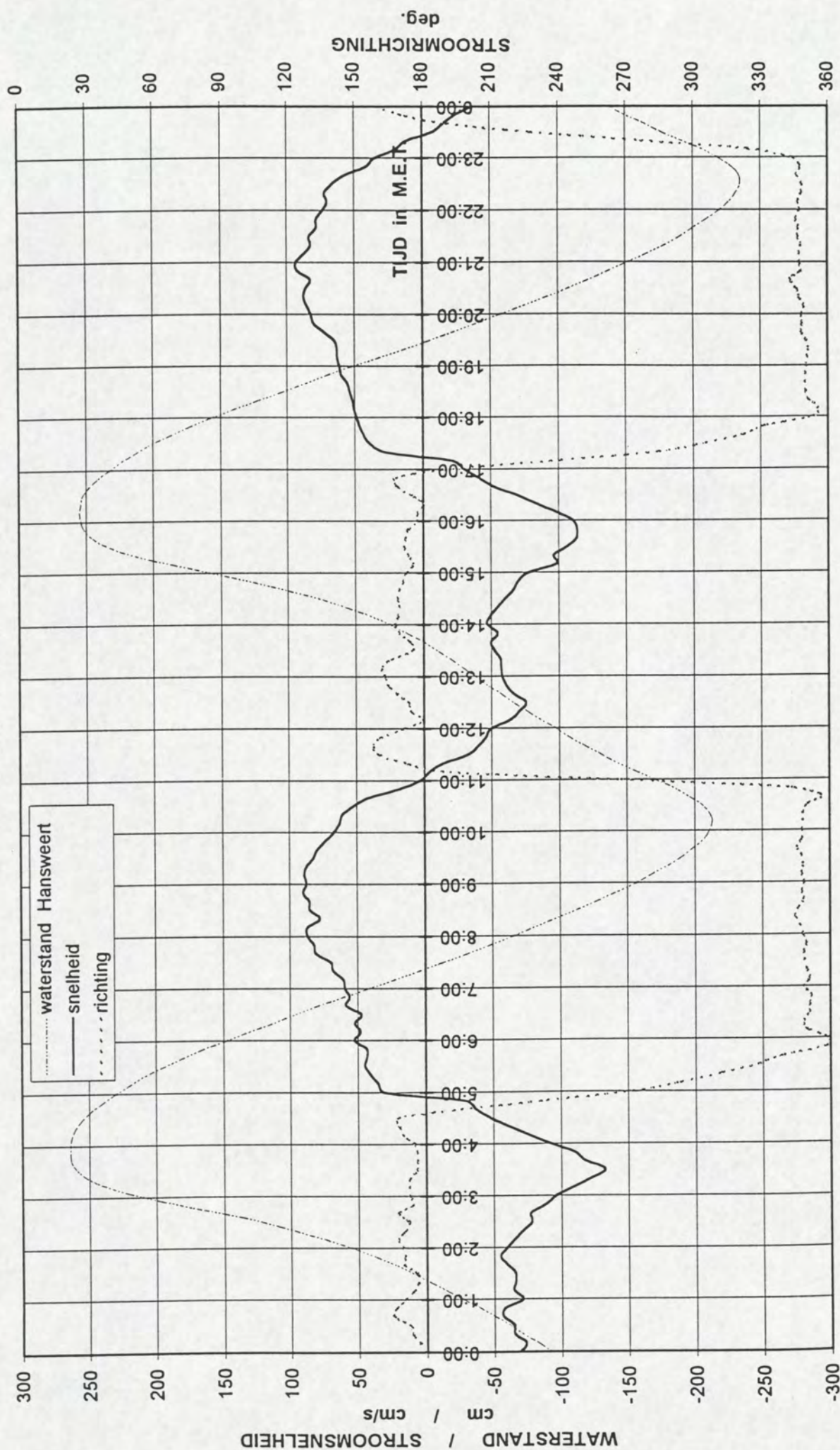


Raai 5A Zuidergat mp. OSM 1

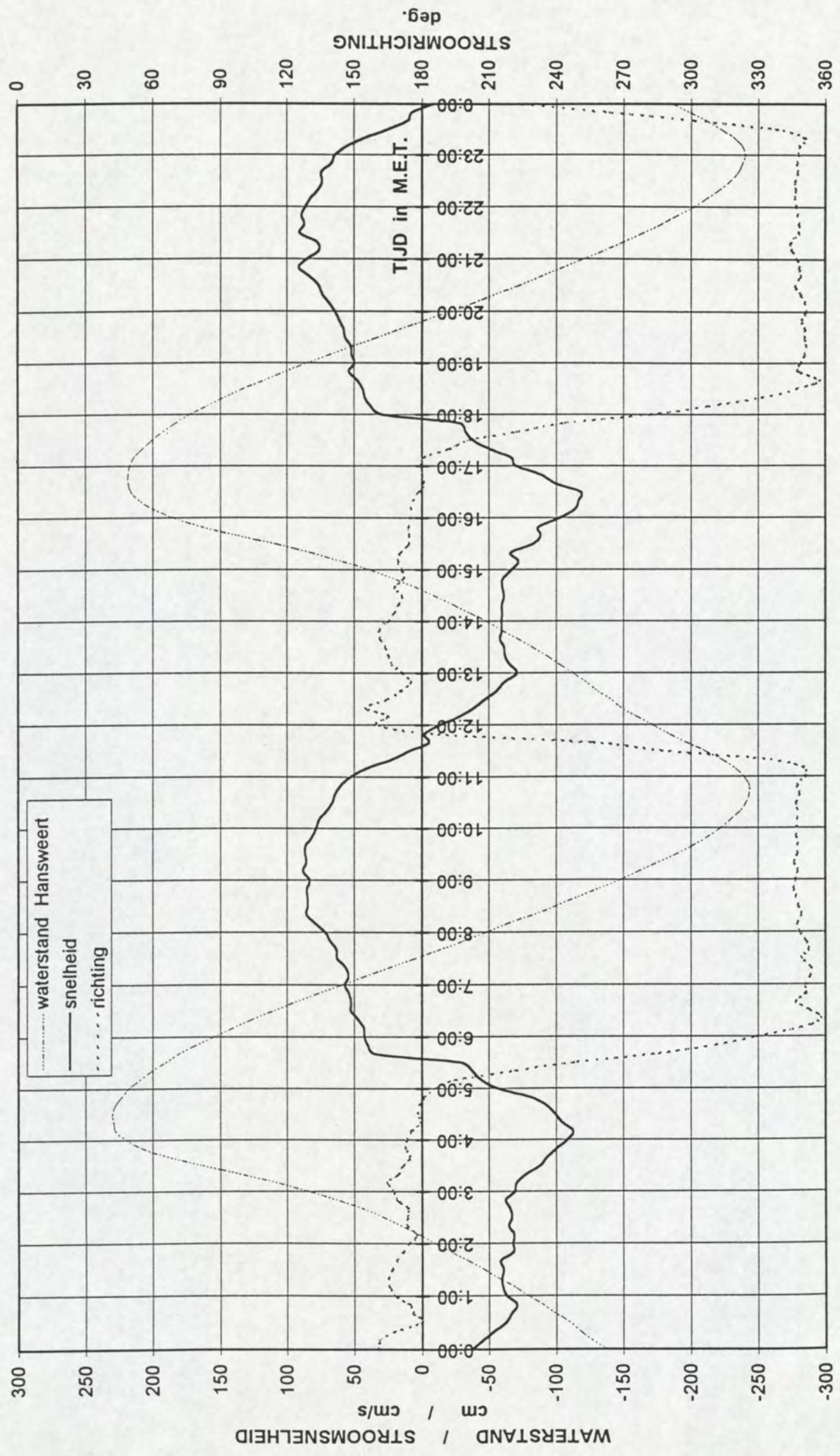
9 november 1999



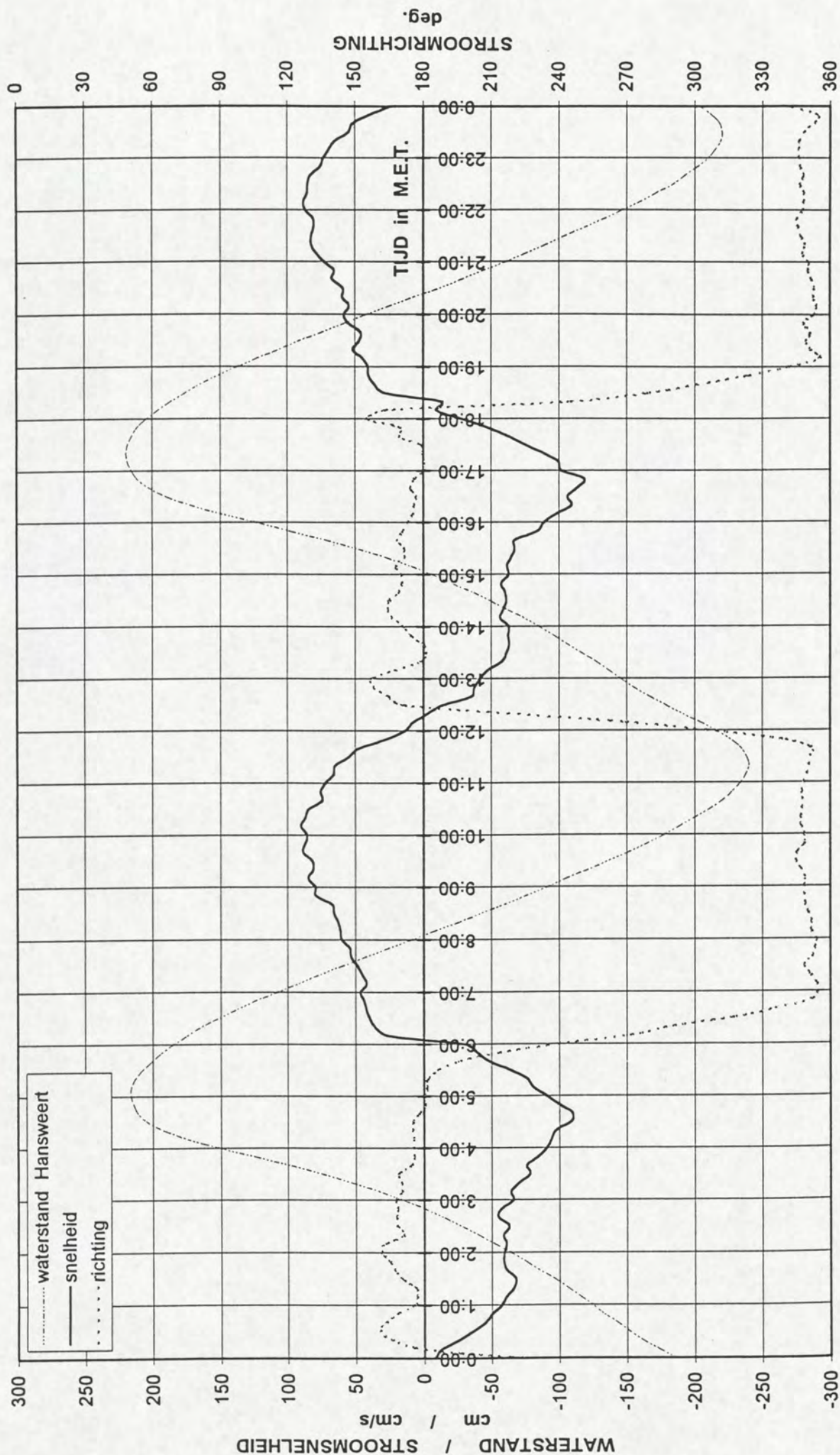
Raai 5A Zuidergat mp. OSM 1
10 november 1999



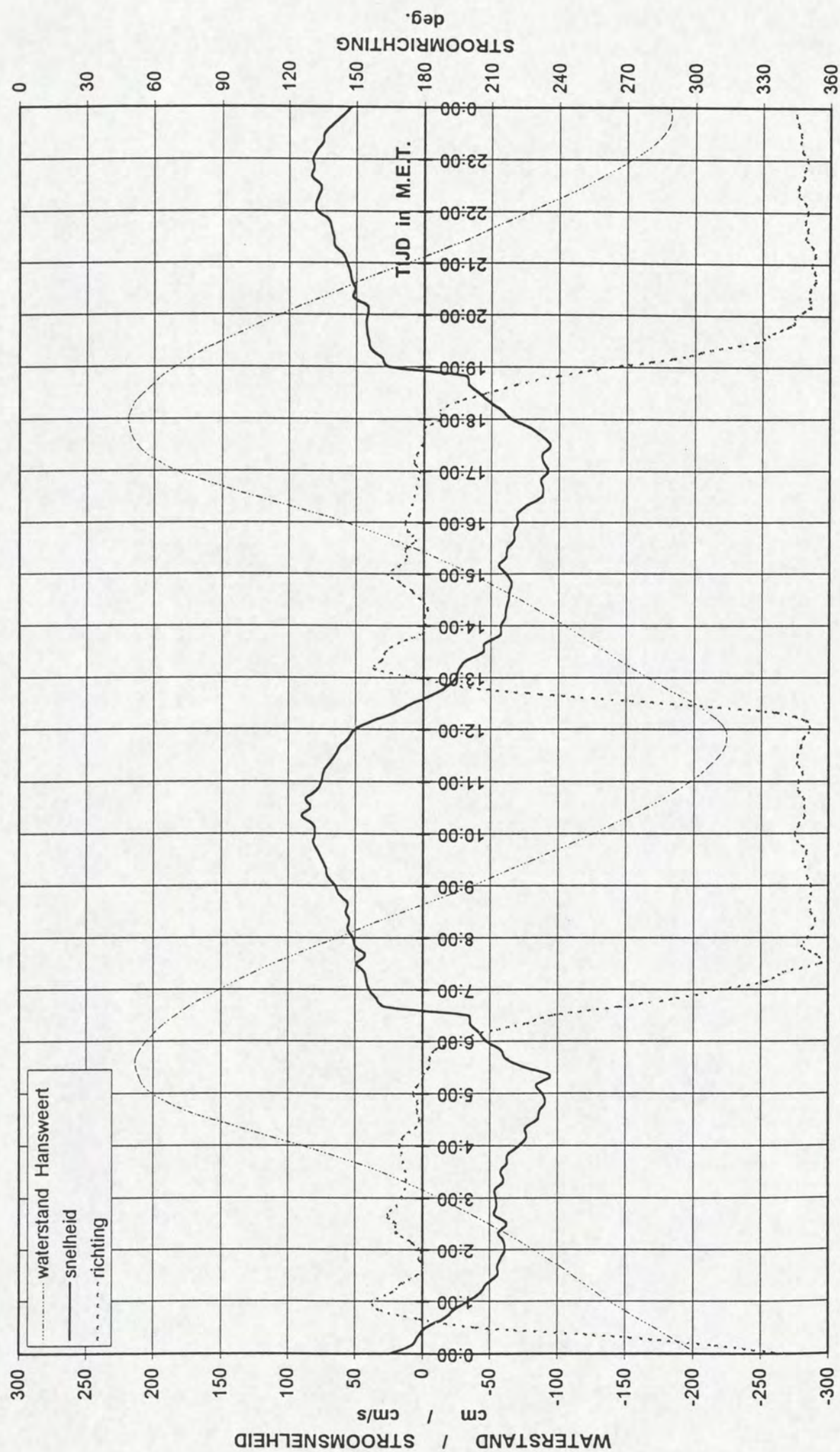
Raai 5A Zuidergat mp. OSM 1
11 november 1999



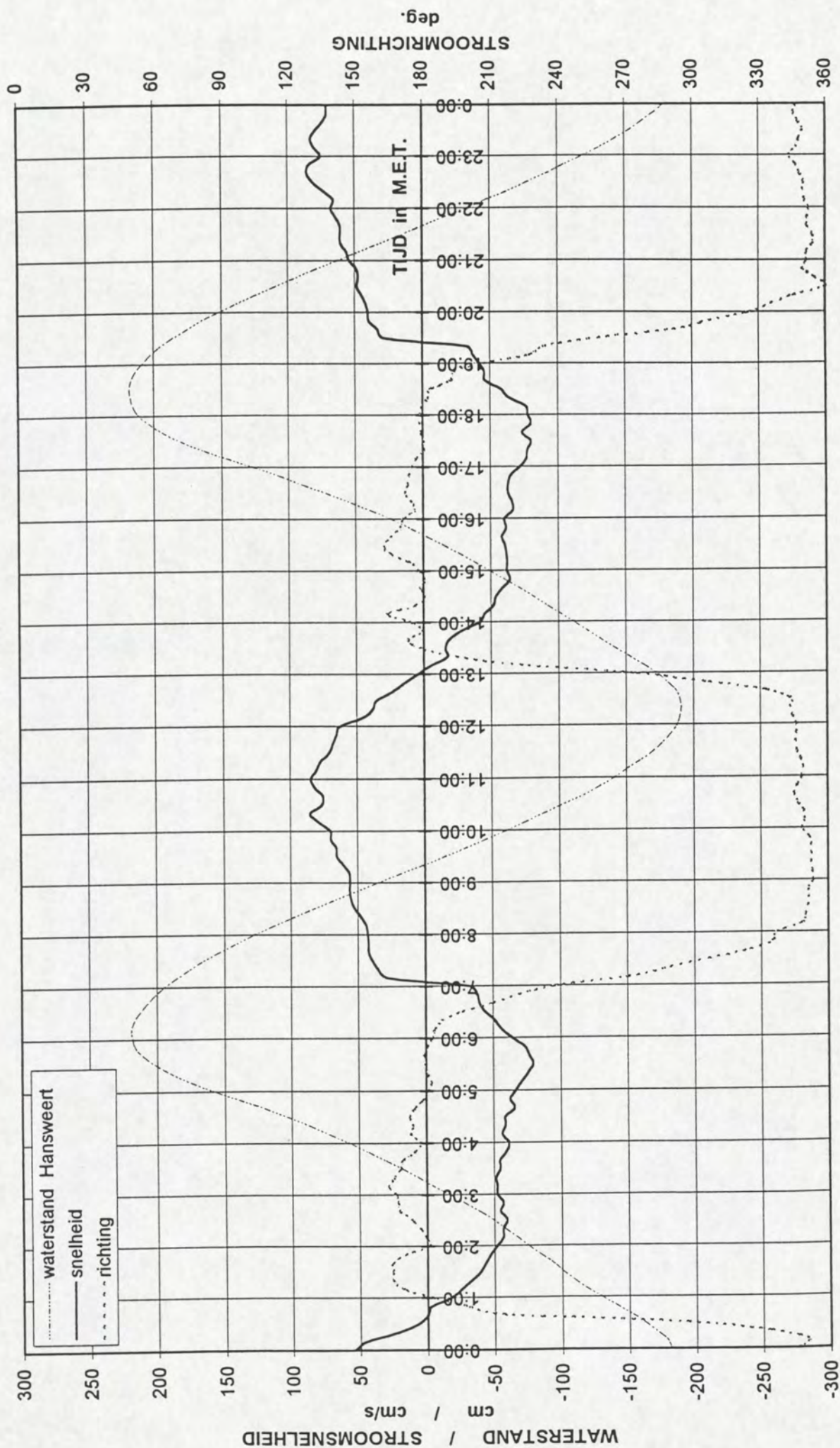
Raai 5A Zuidergat mp. OSM 1
12 november 1999



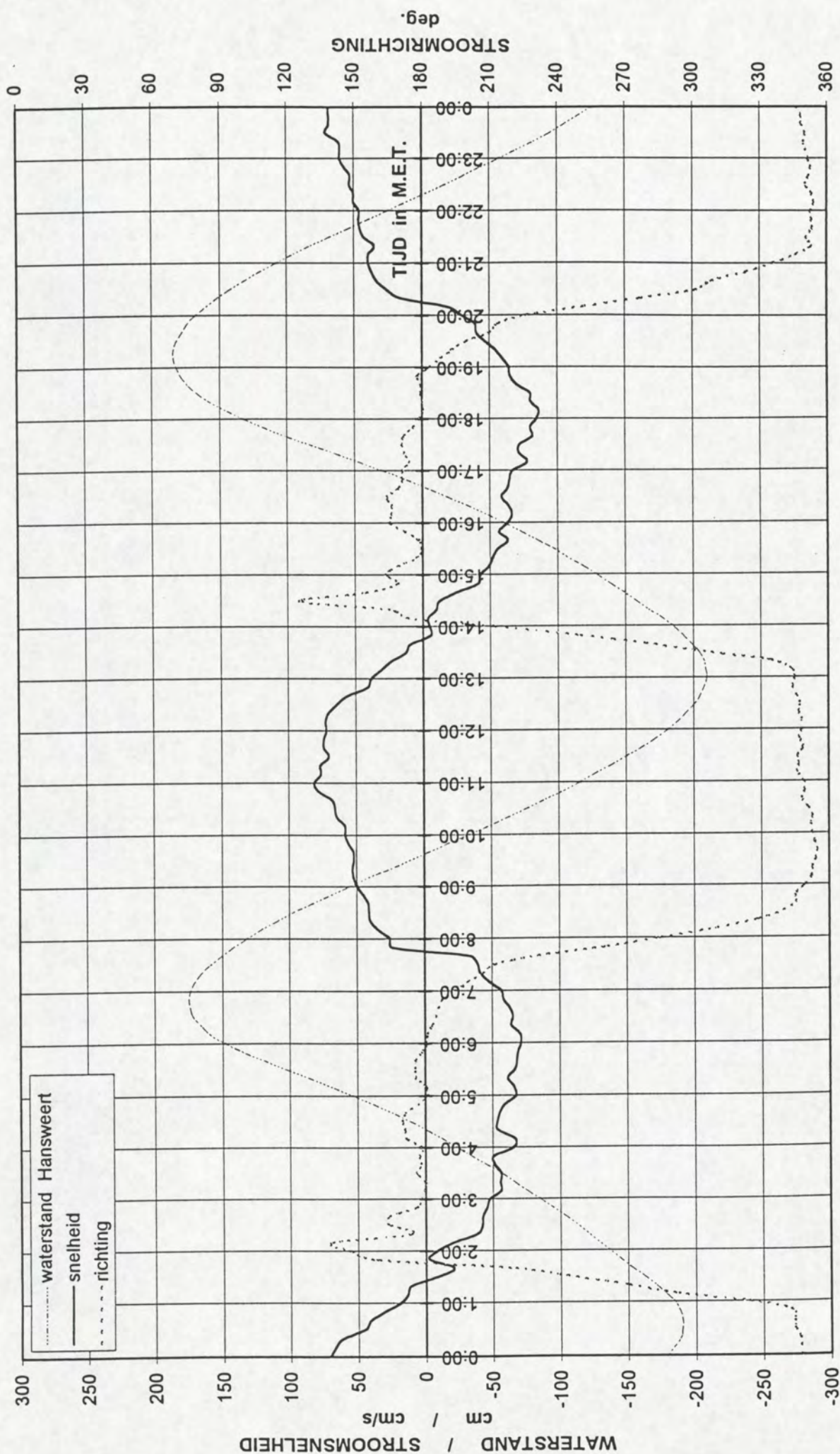
Raai 5A Zuidergat mp. OSM 1
13 november 1999



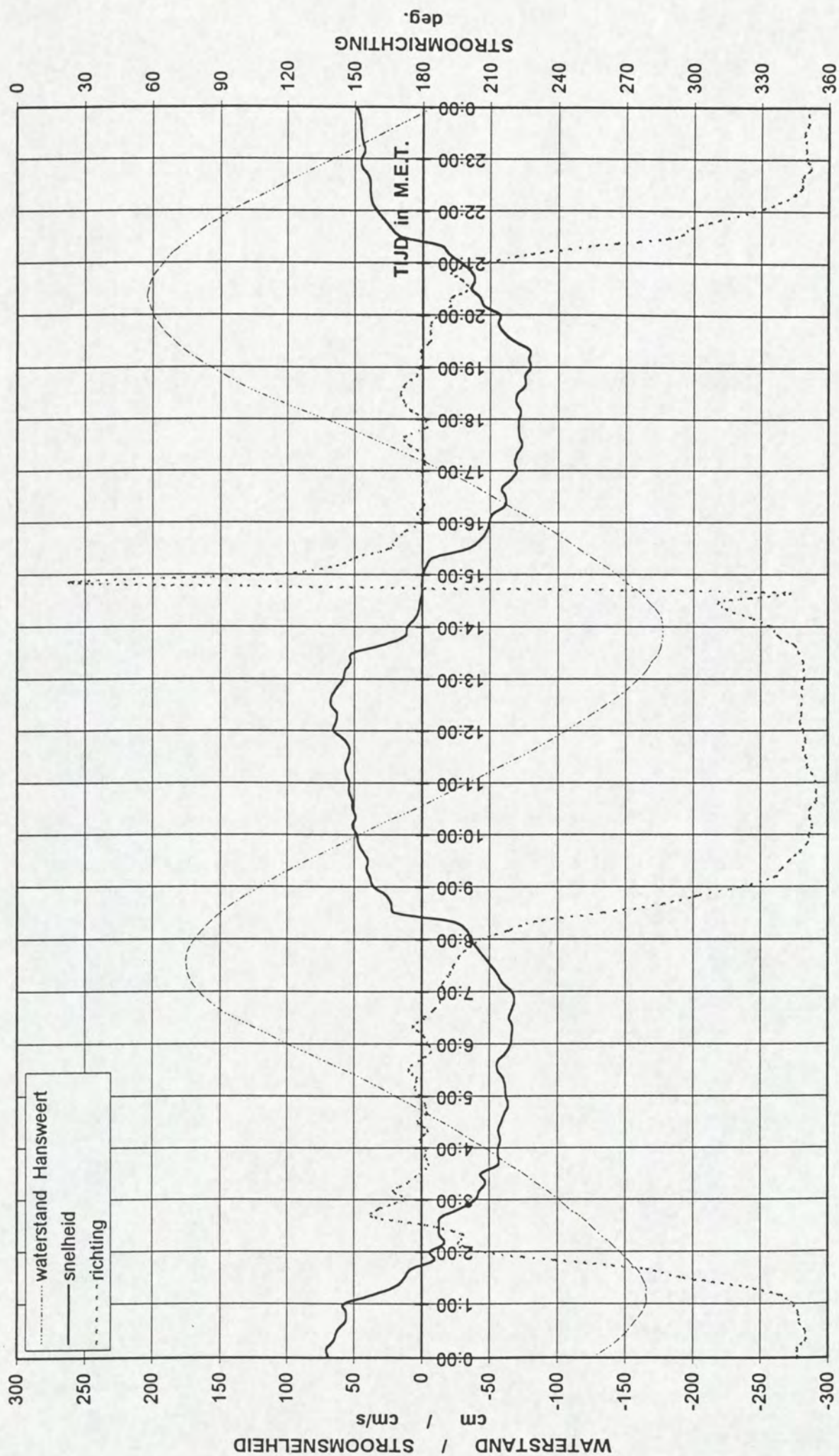
Raai 5A Zuidergat mp. OSM 1
14 november 1999



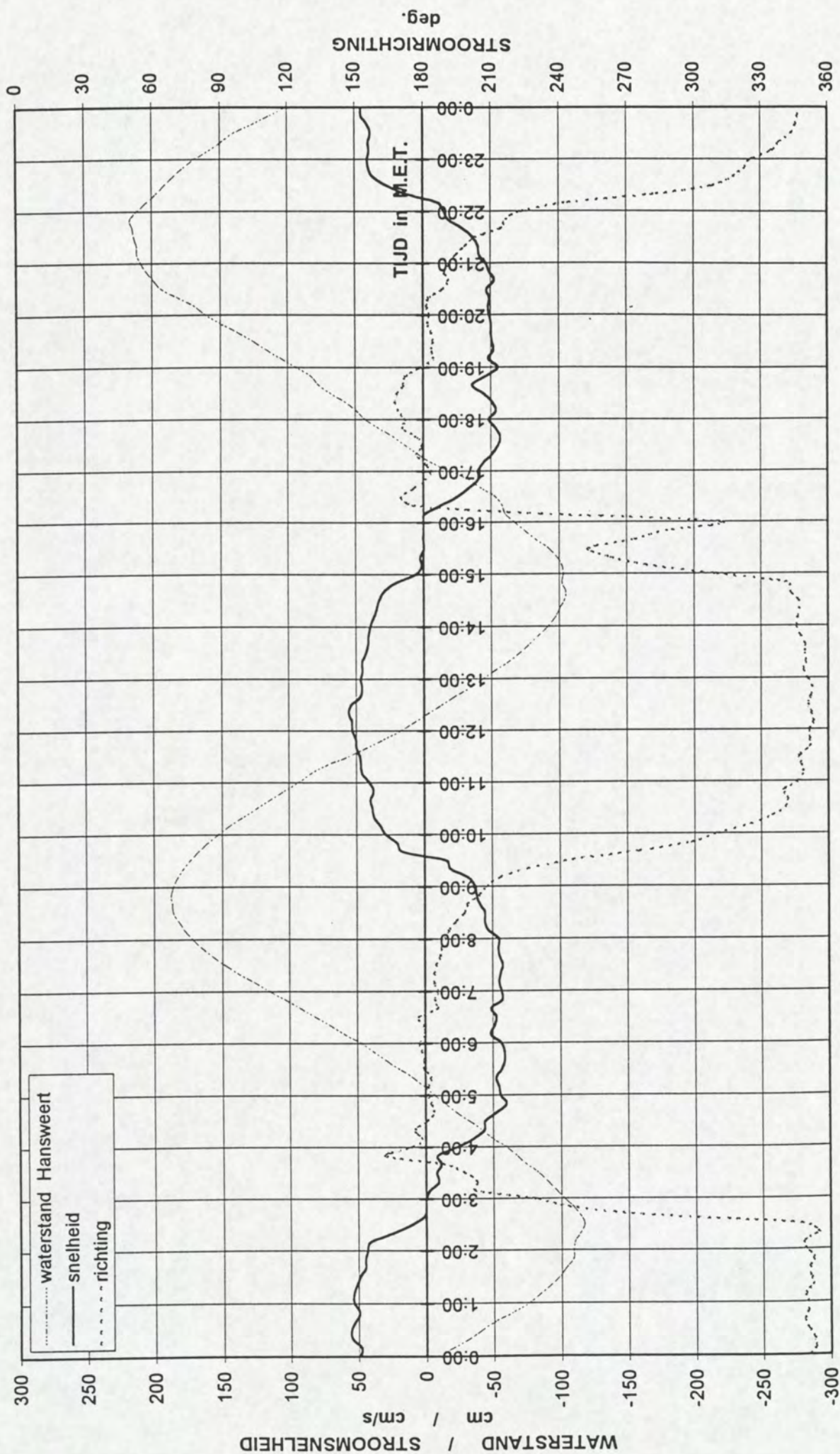
Raai 5A Zuidergat mp. OSM 1
15 november 1999



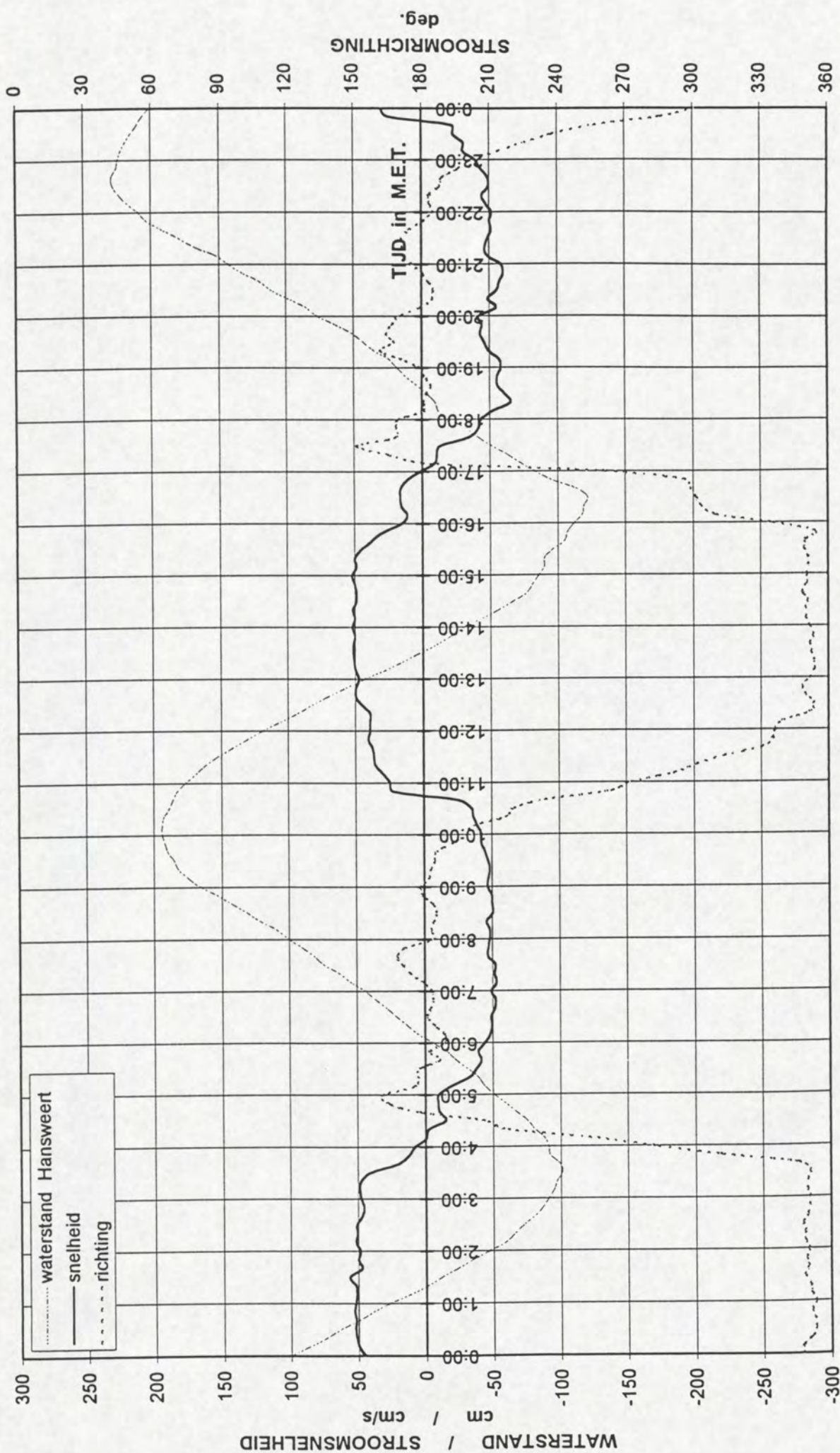
Raai 5A Zuidergat mp. OSM 1
16 november 1999



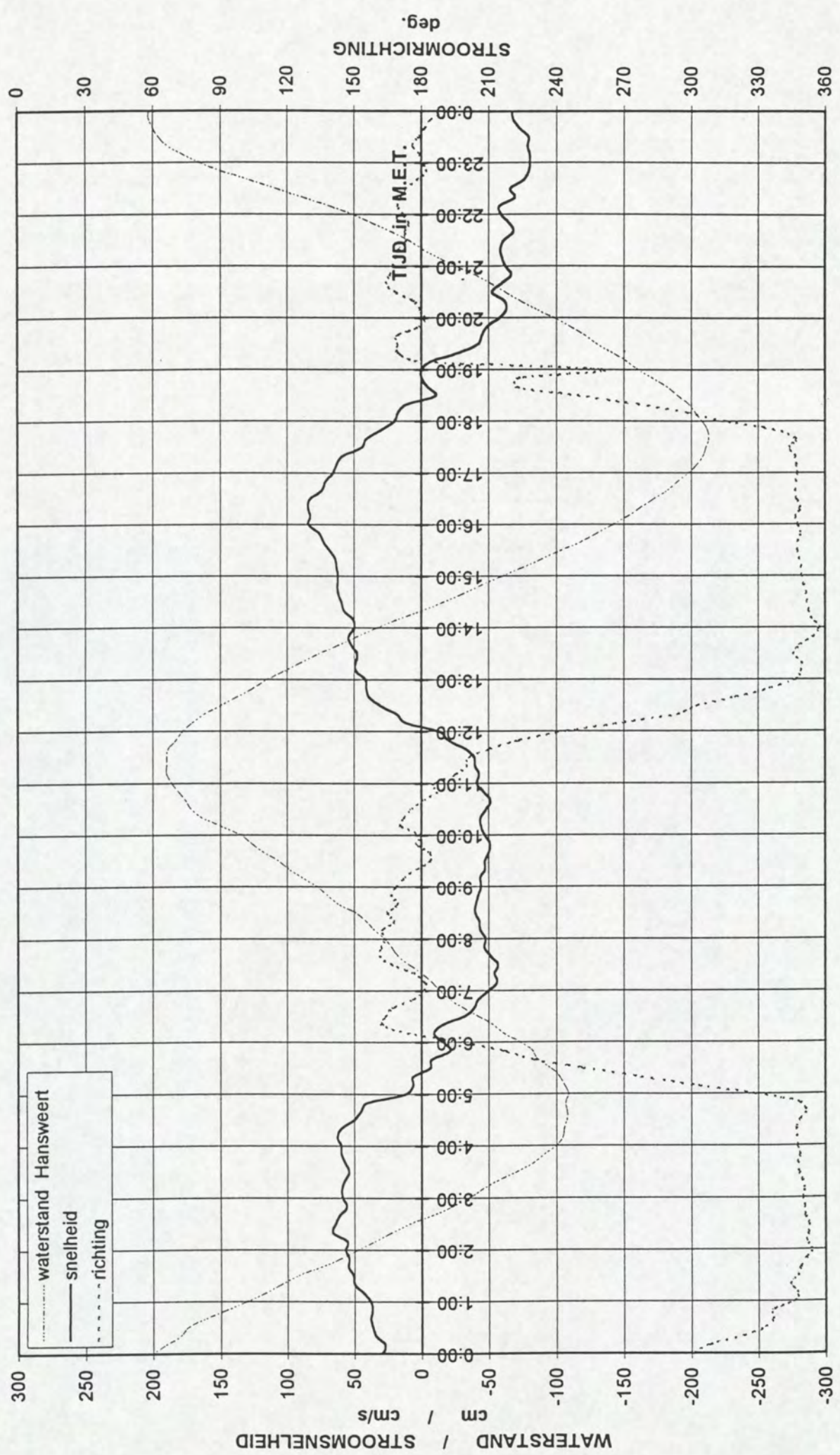
Raai 5A Zuidergat mp. OSM 1
17 november 1999



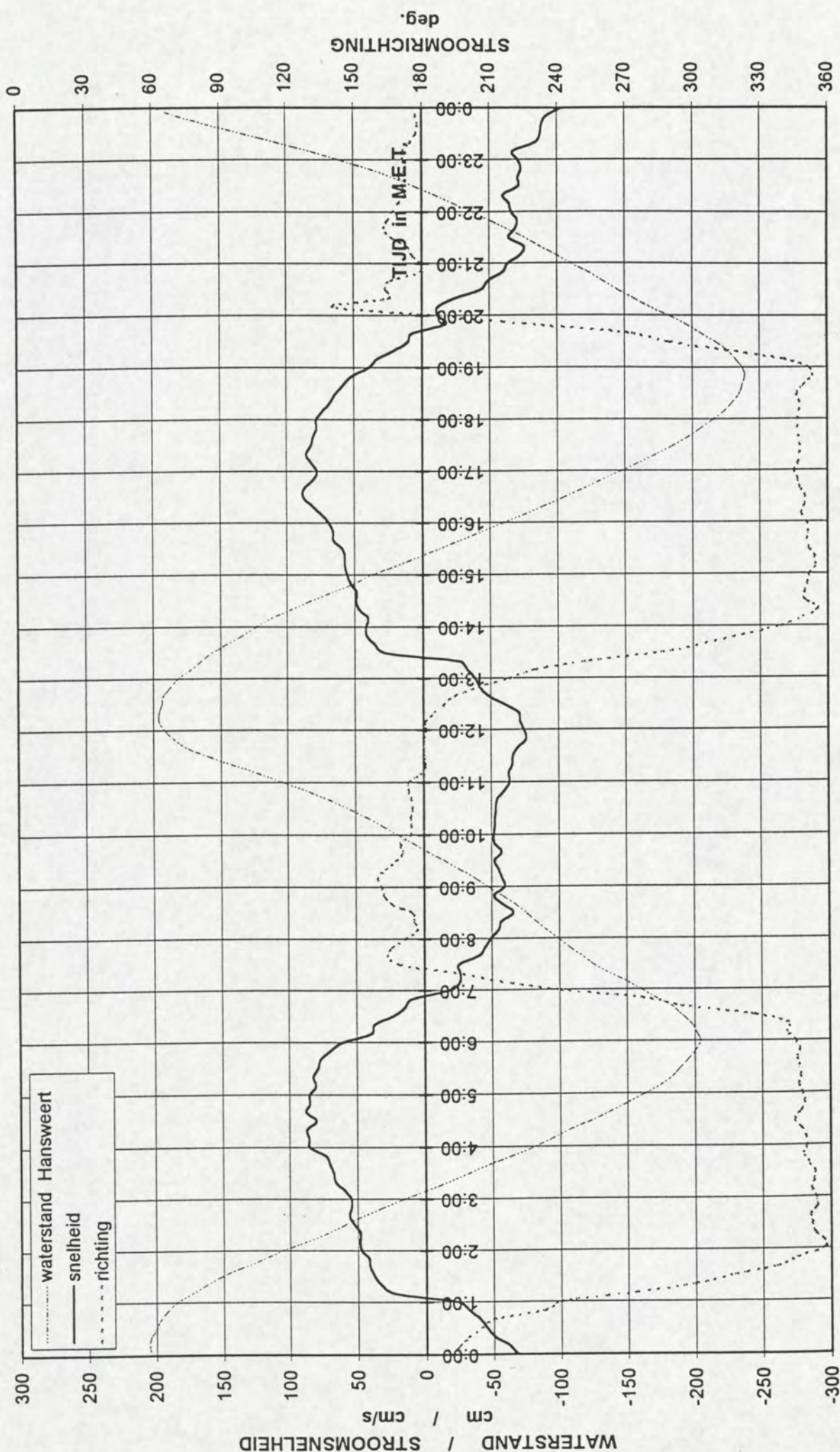
Raai 5A Zuidergat mp. OSM 1
18 november 1999



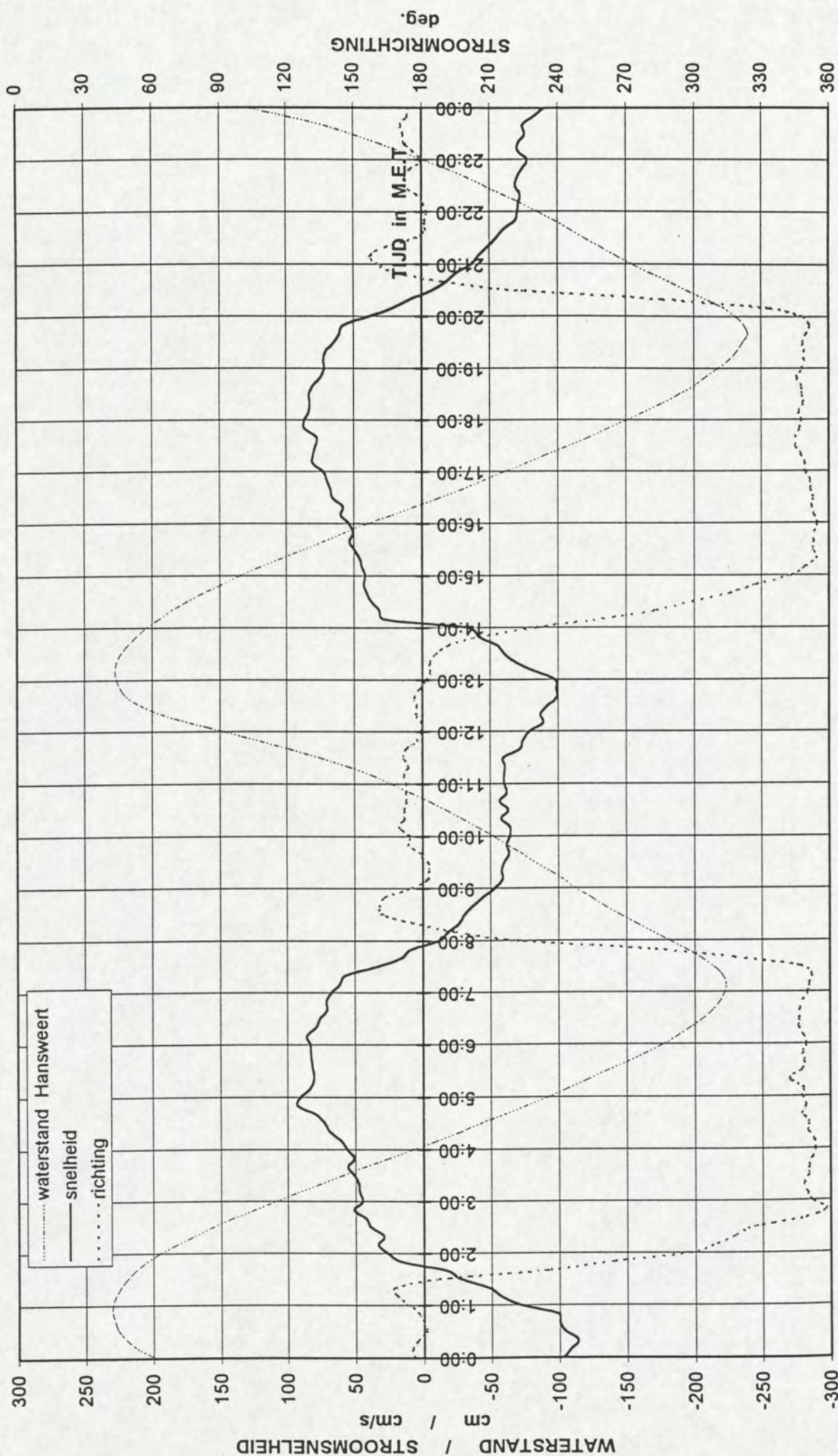
Raai 5A Zuidergat mp. OSM 1
19 november 1999



Raai 5A Zuidergat mp. OSM 1
20 november 1999

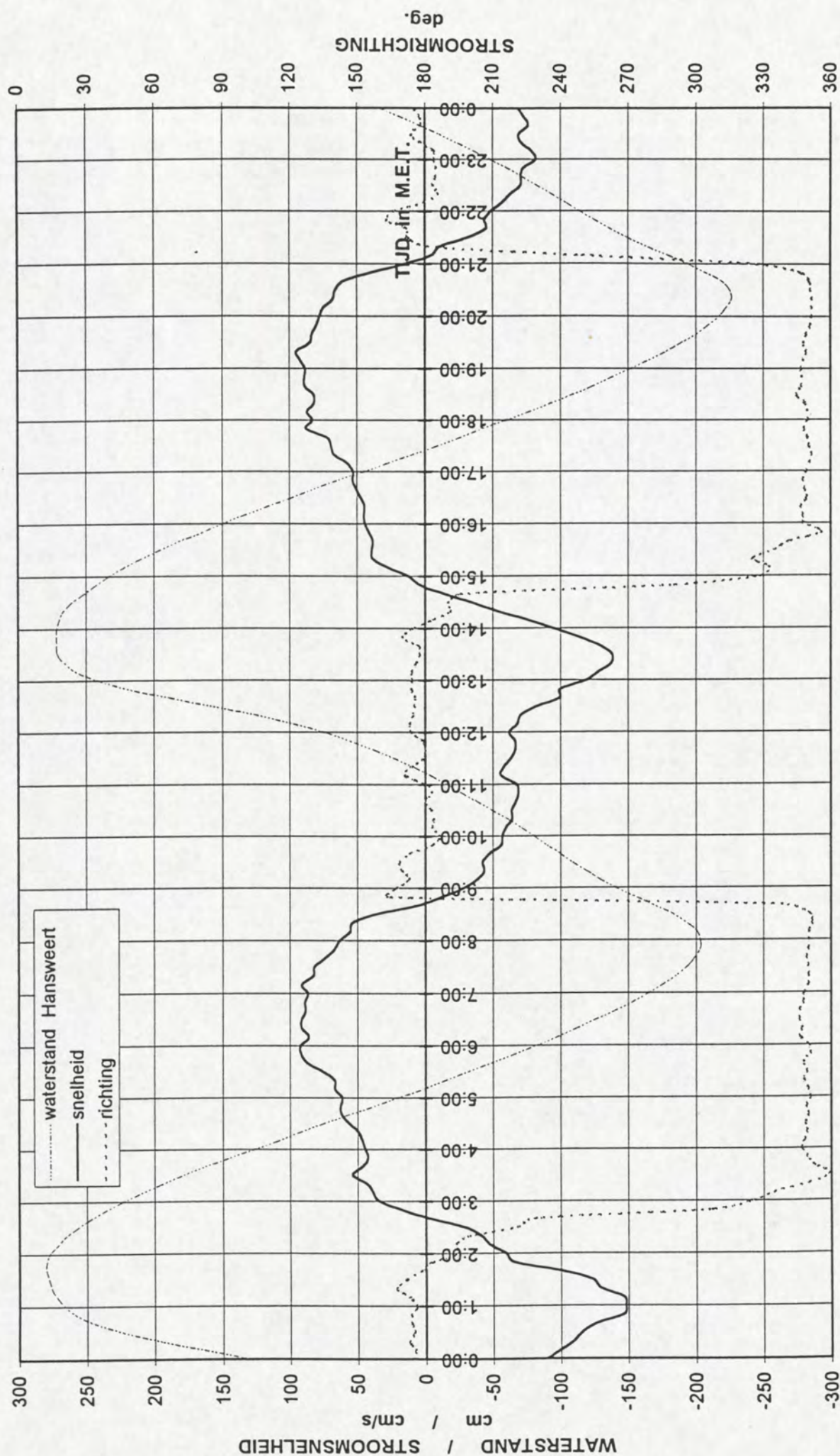


Raai 5A Zuidergat mp. OSM 1
21 november 1999

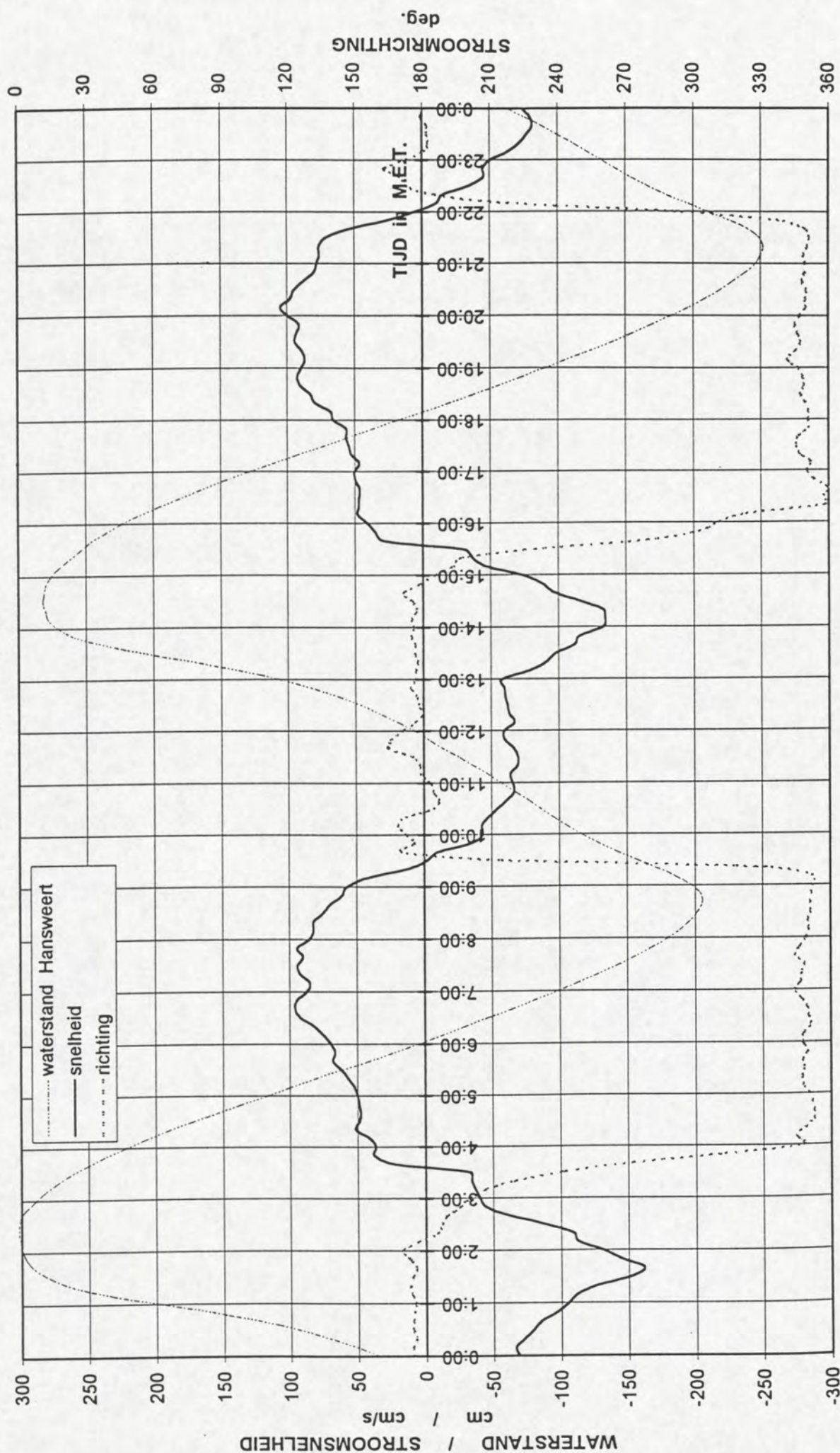


Raai 5A Zuidergat mp. OSM 1

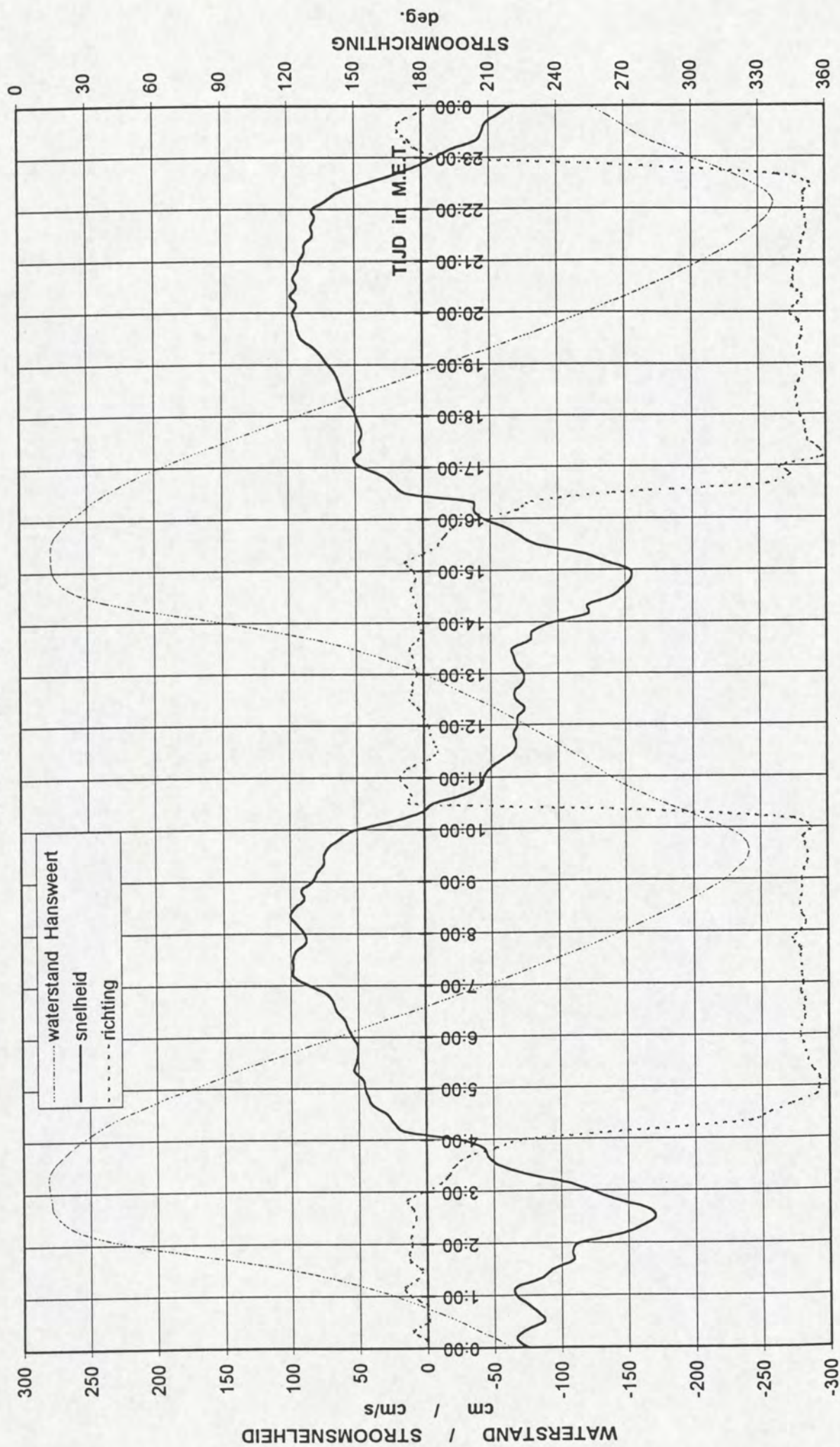
22 november 1999



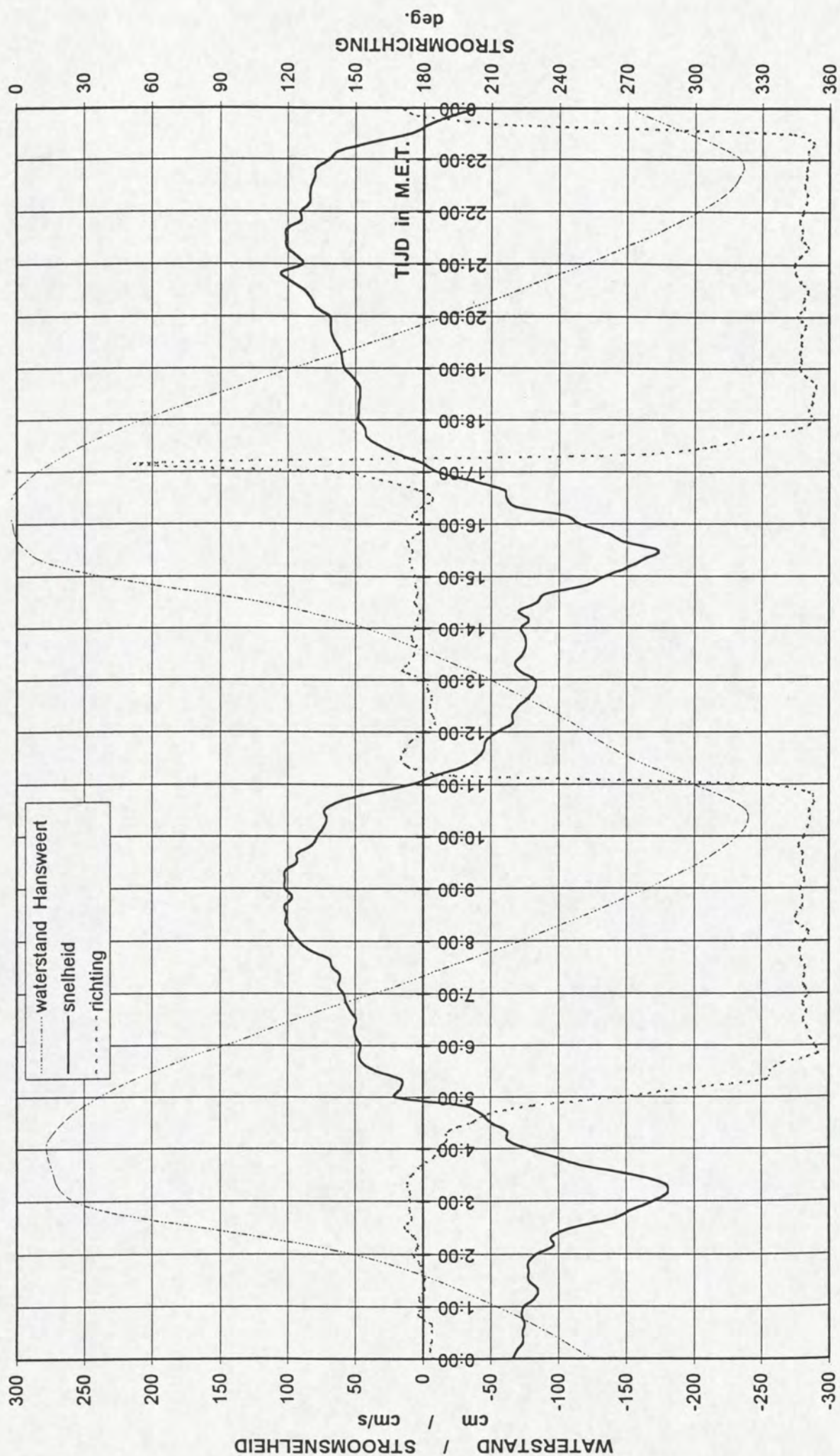
Raai 5A Zuidergat mp. OSM 1
23 november 1999



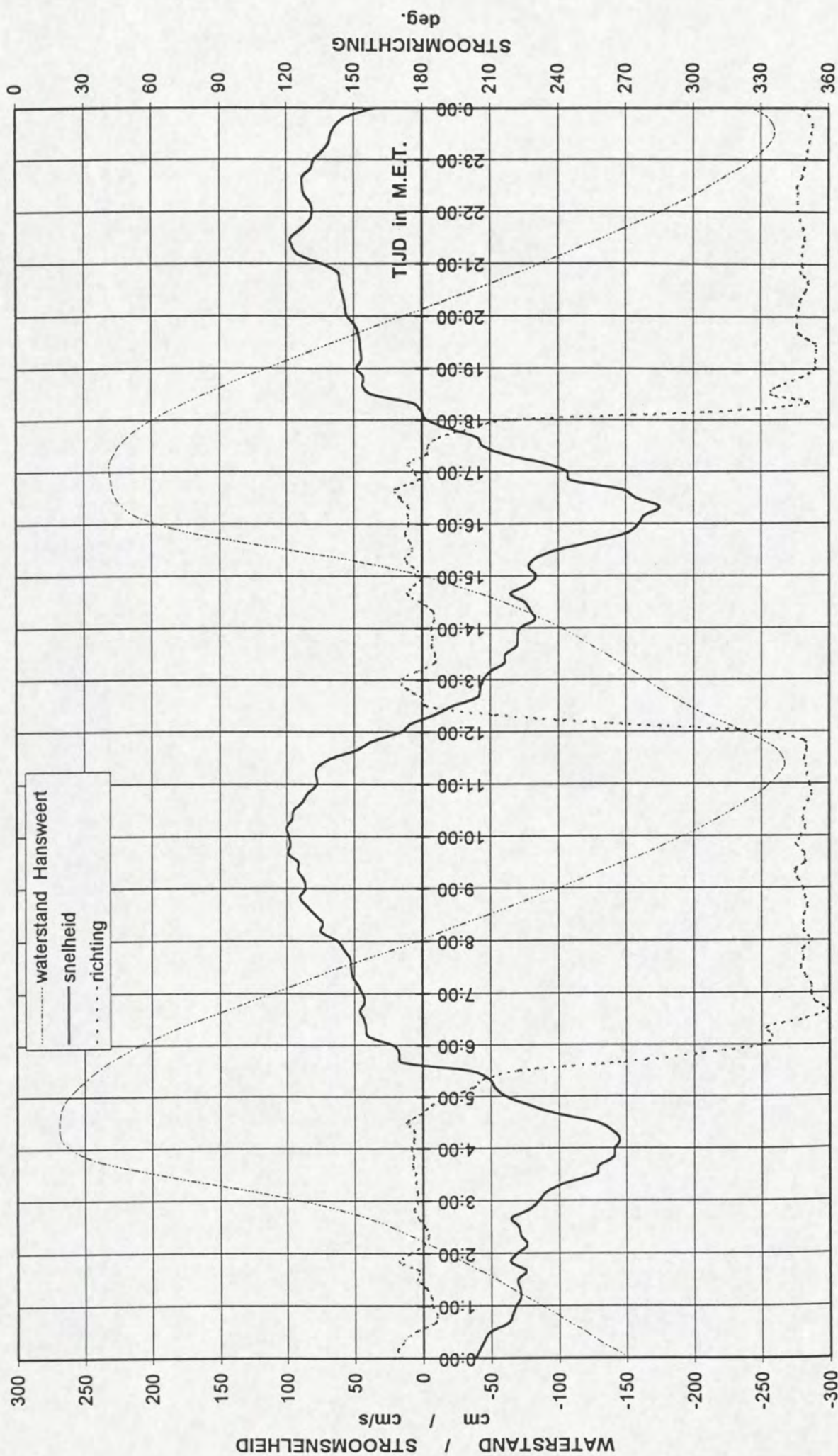
Raai 5A Zuidergat mp. OSM 1
24 november 1999



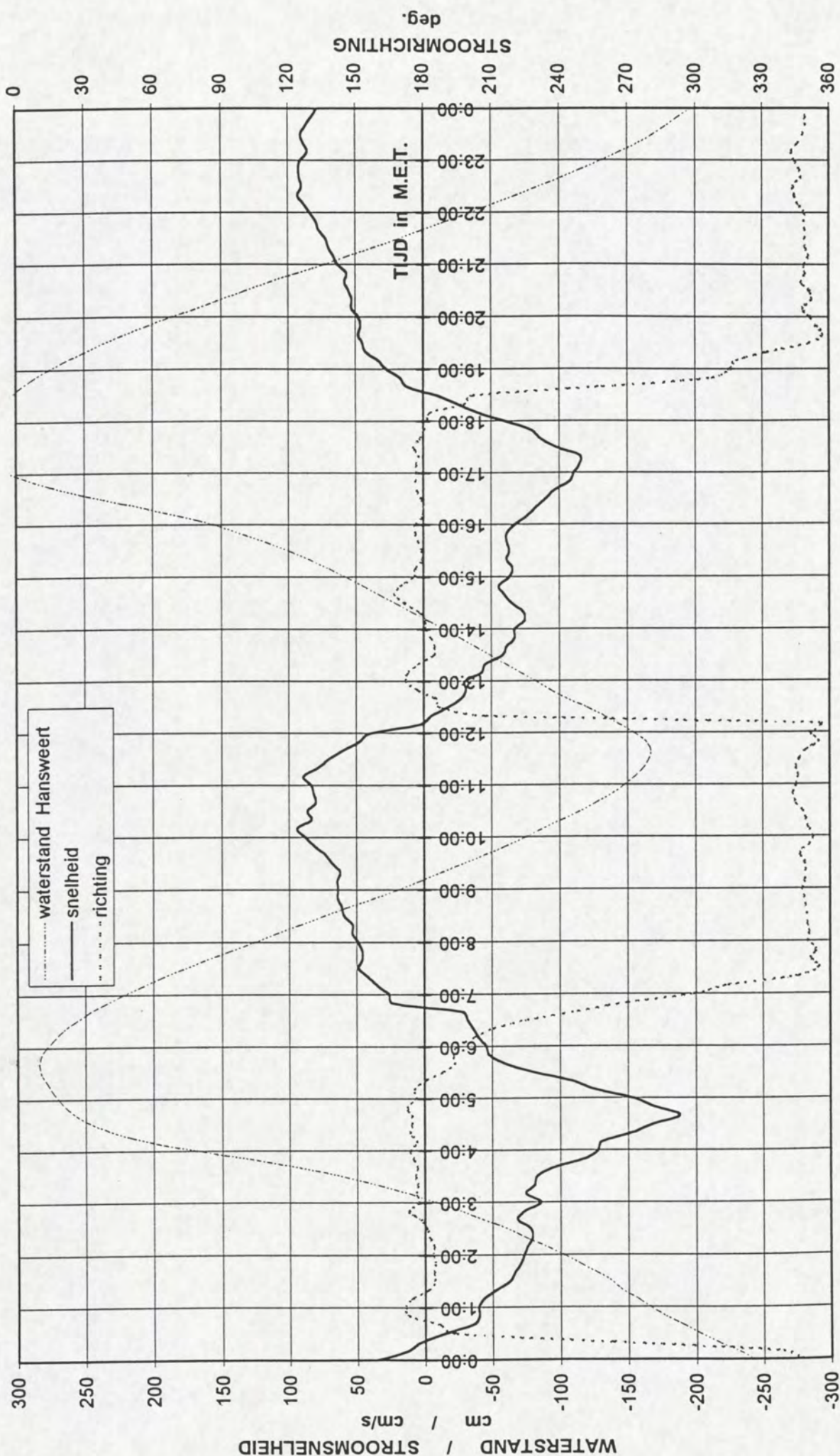
Raai 5A Zuidergat mp. OSM 1
25 november 1999



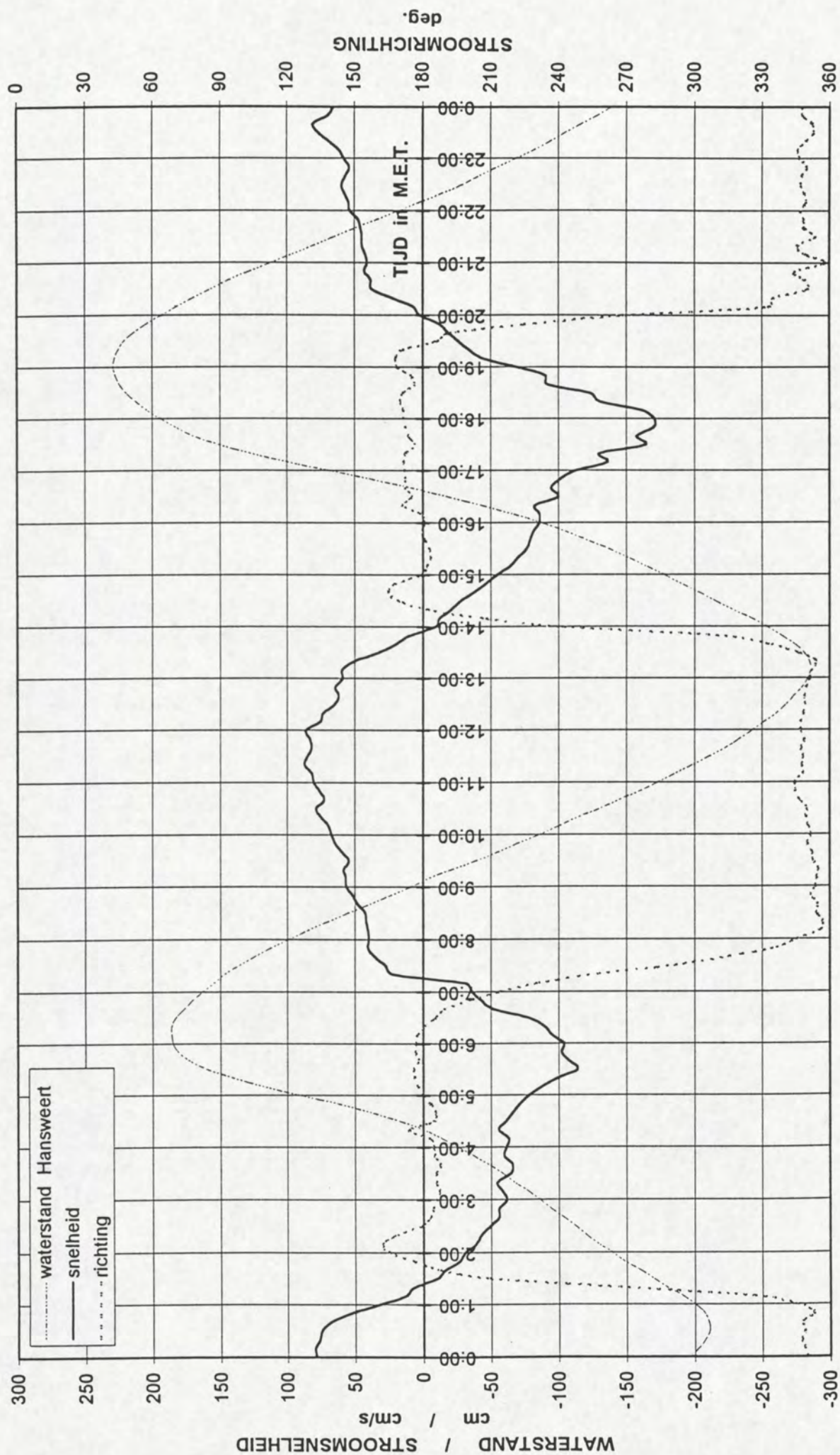
Raai 5A Zuidergat mp. OSM 1
26 november 1999



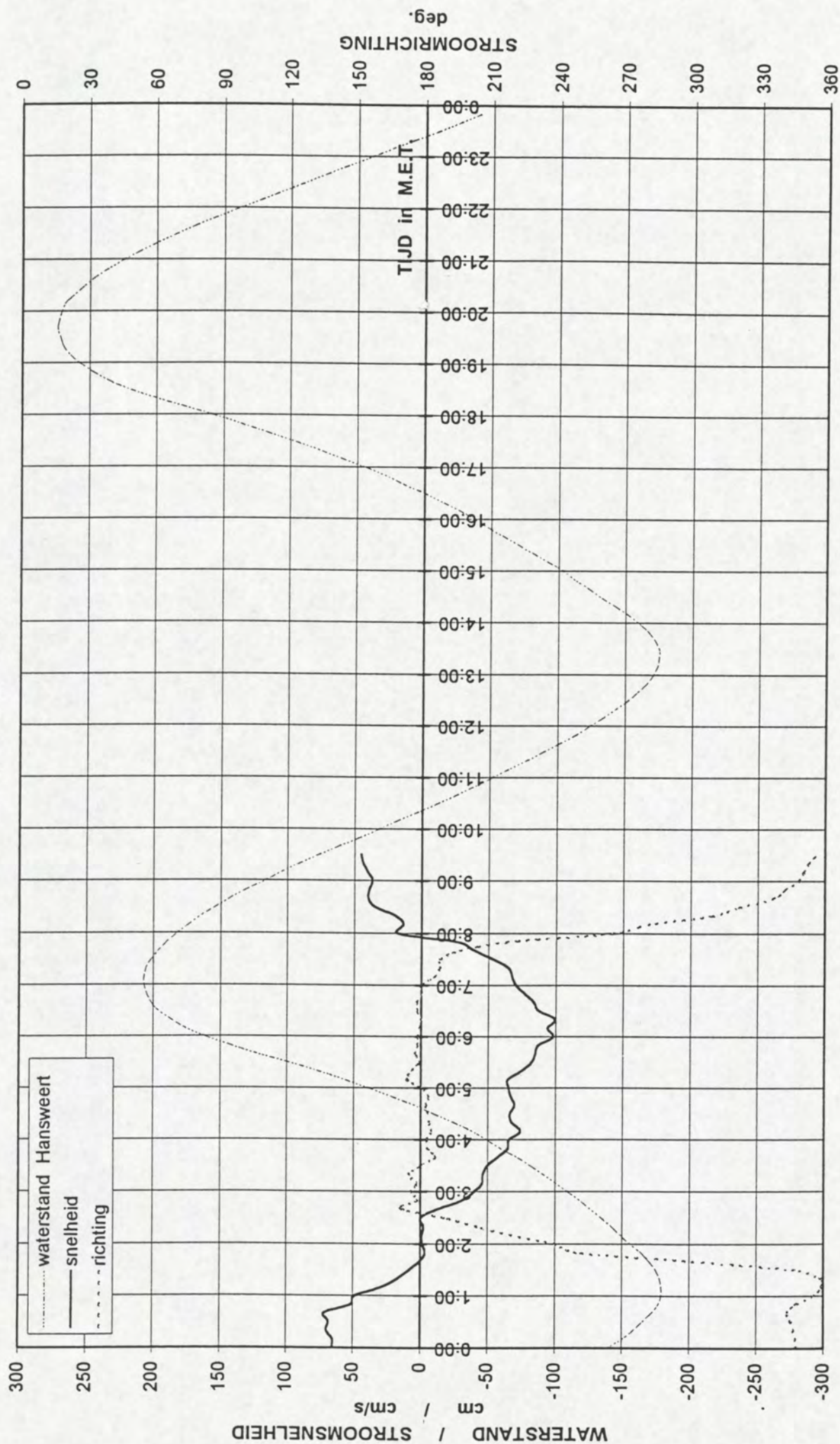
Raai 5A Zuidergat mp. OSM 1
27 november 1999



Raai 5A Zuidergat mp. OSM 1
28 november 1999

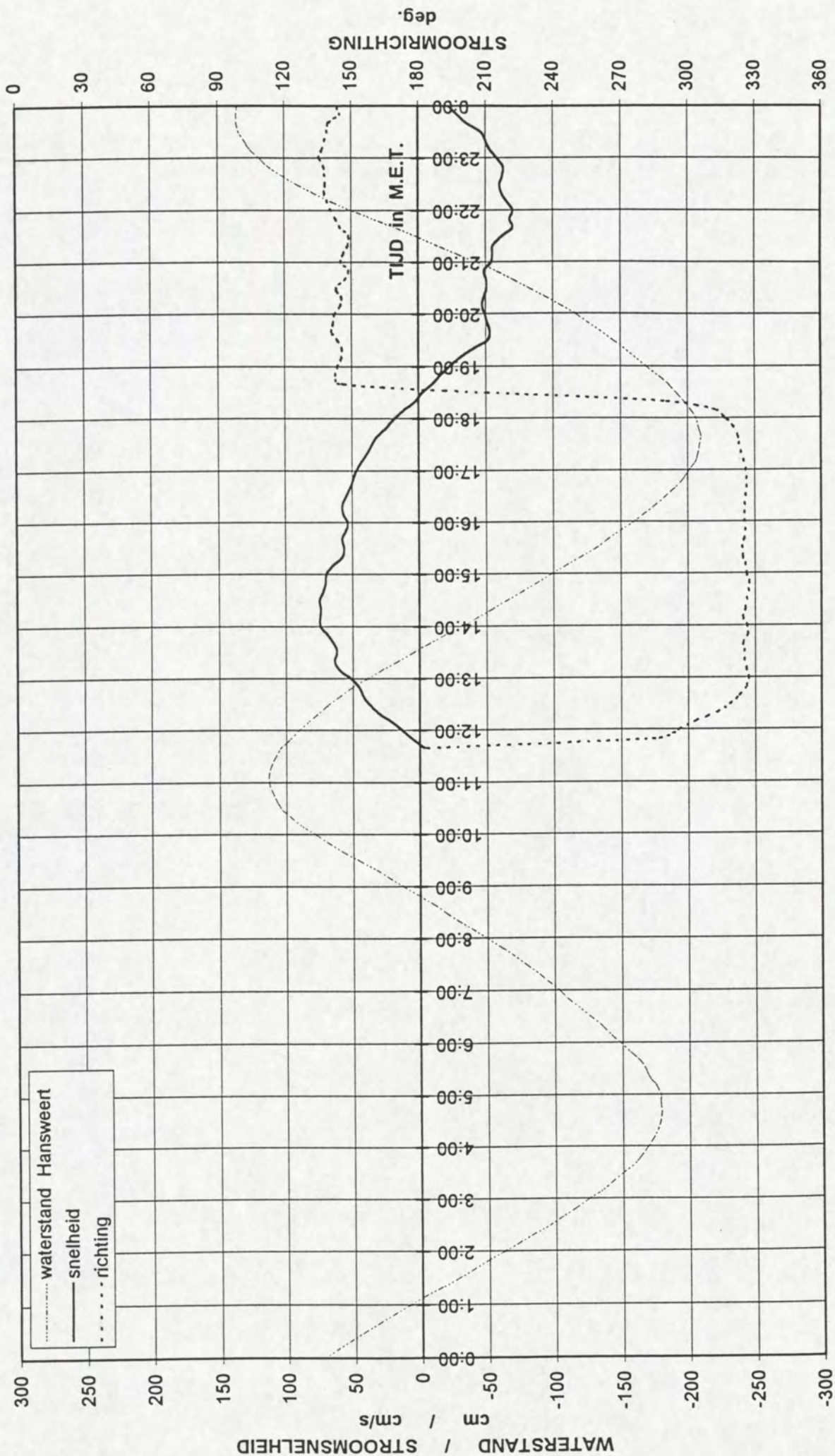


Raai 5A Zuidergat mp. OSM 1
29 november 1999

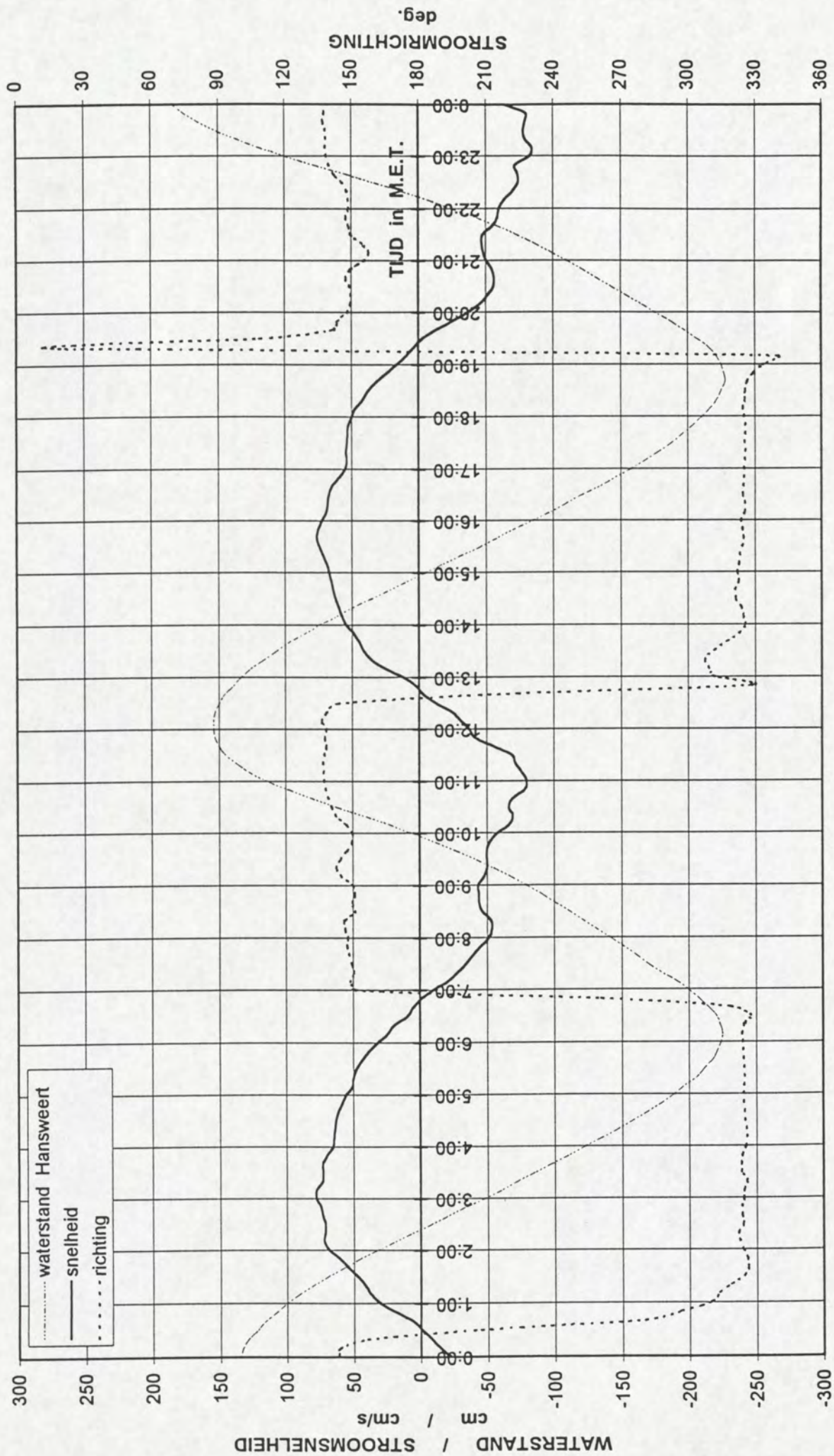


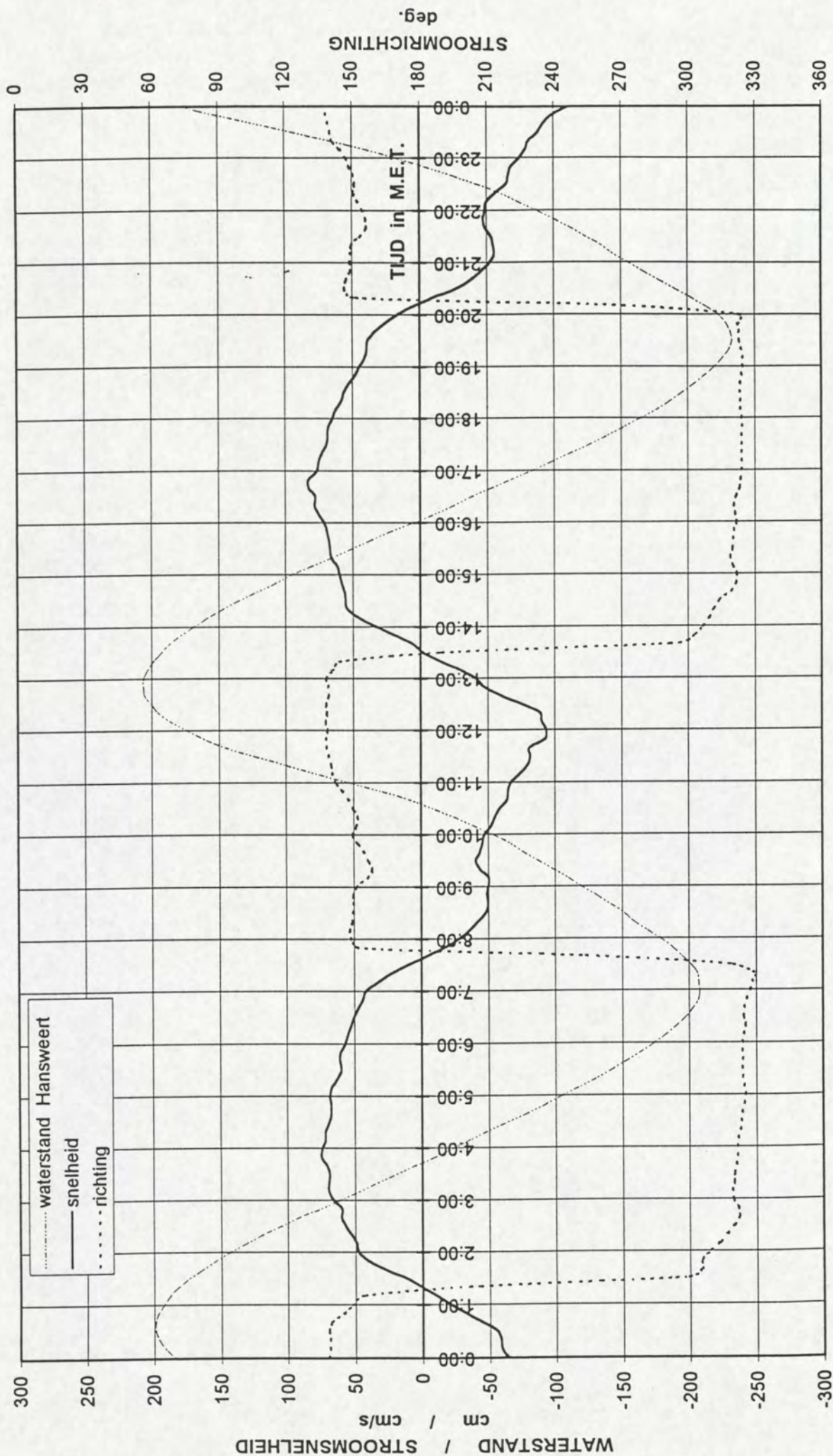
18. Resultaten OSM 2

Raai 5A Schaar van Waarde mp. OSM 2
20 oktober 1999

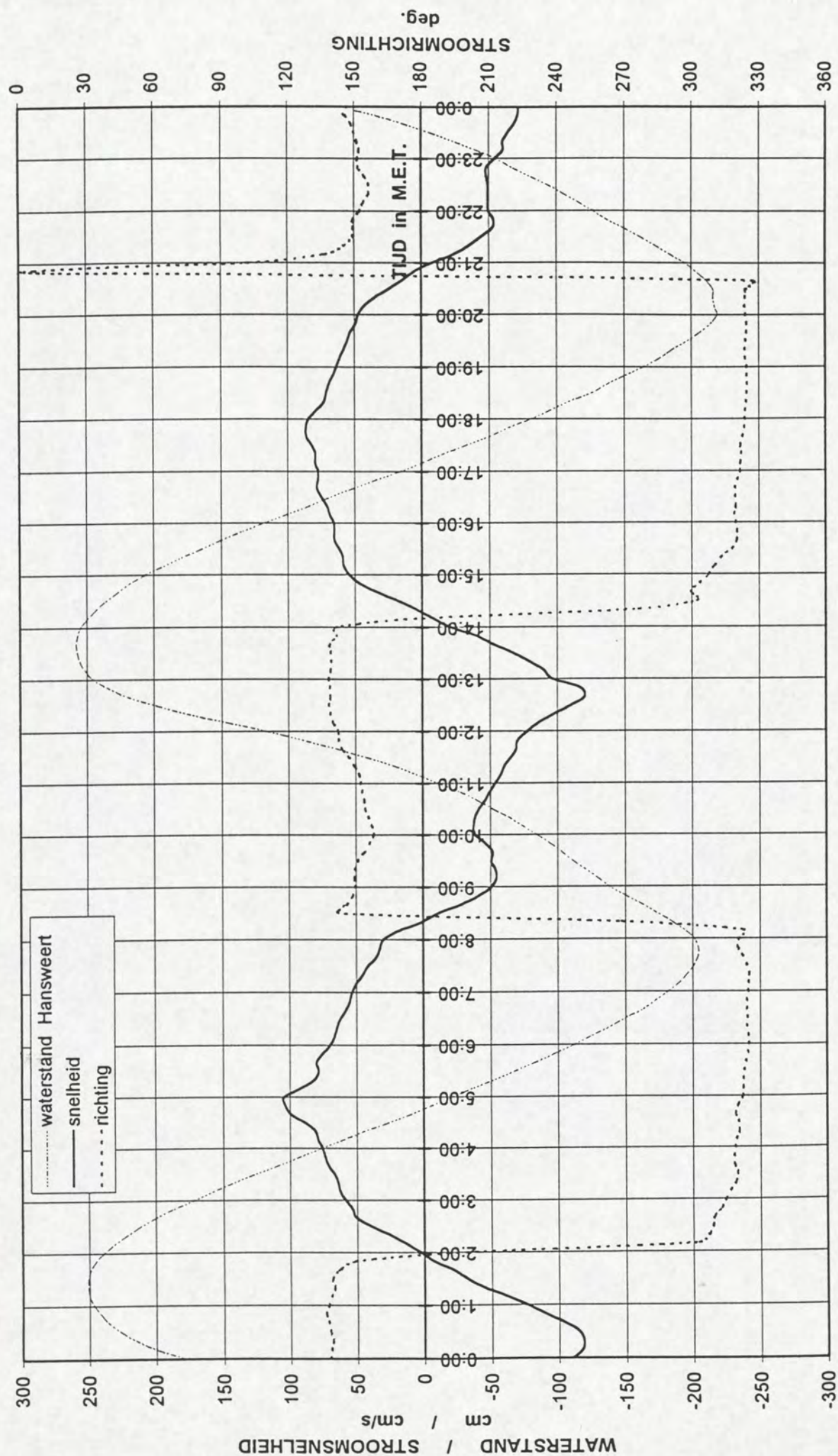


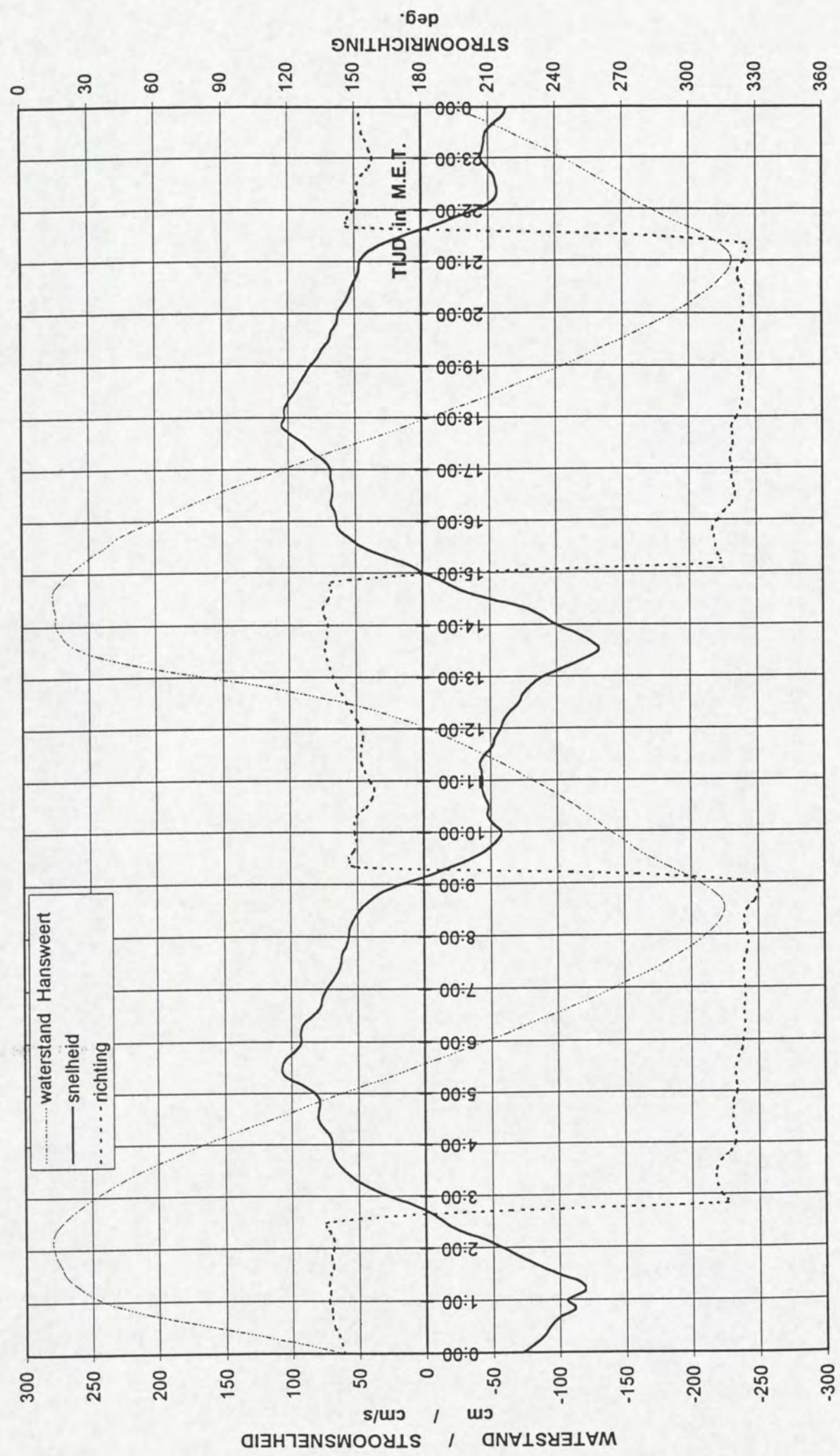
Raai 5A Schaar van Waarde mp. OSM 2
21 oktober 1999



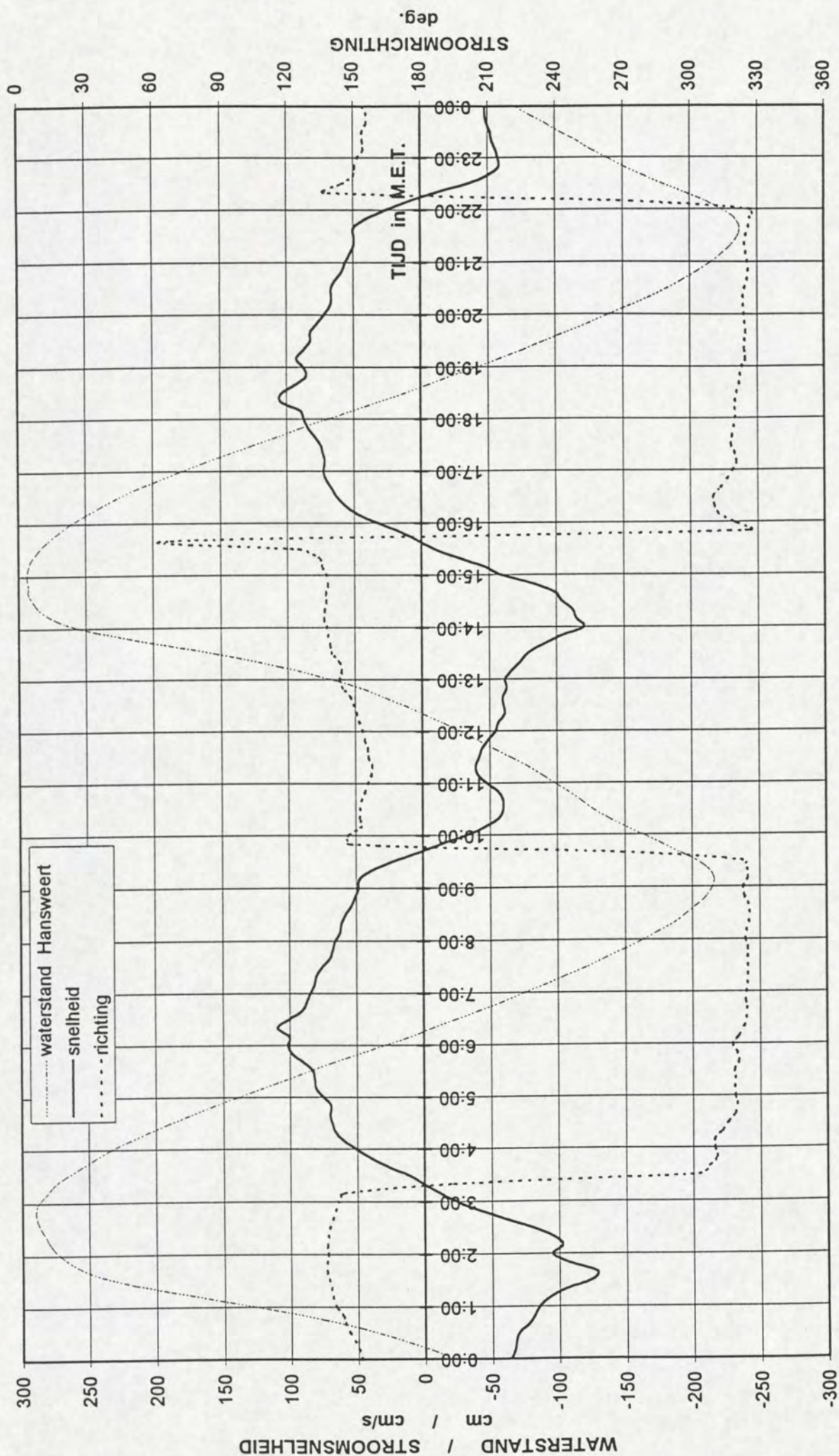


Raai 5A Schaar van Waarde mp. OSM 2
23 oktober 1999

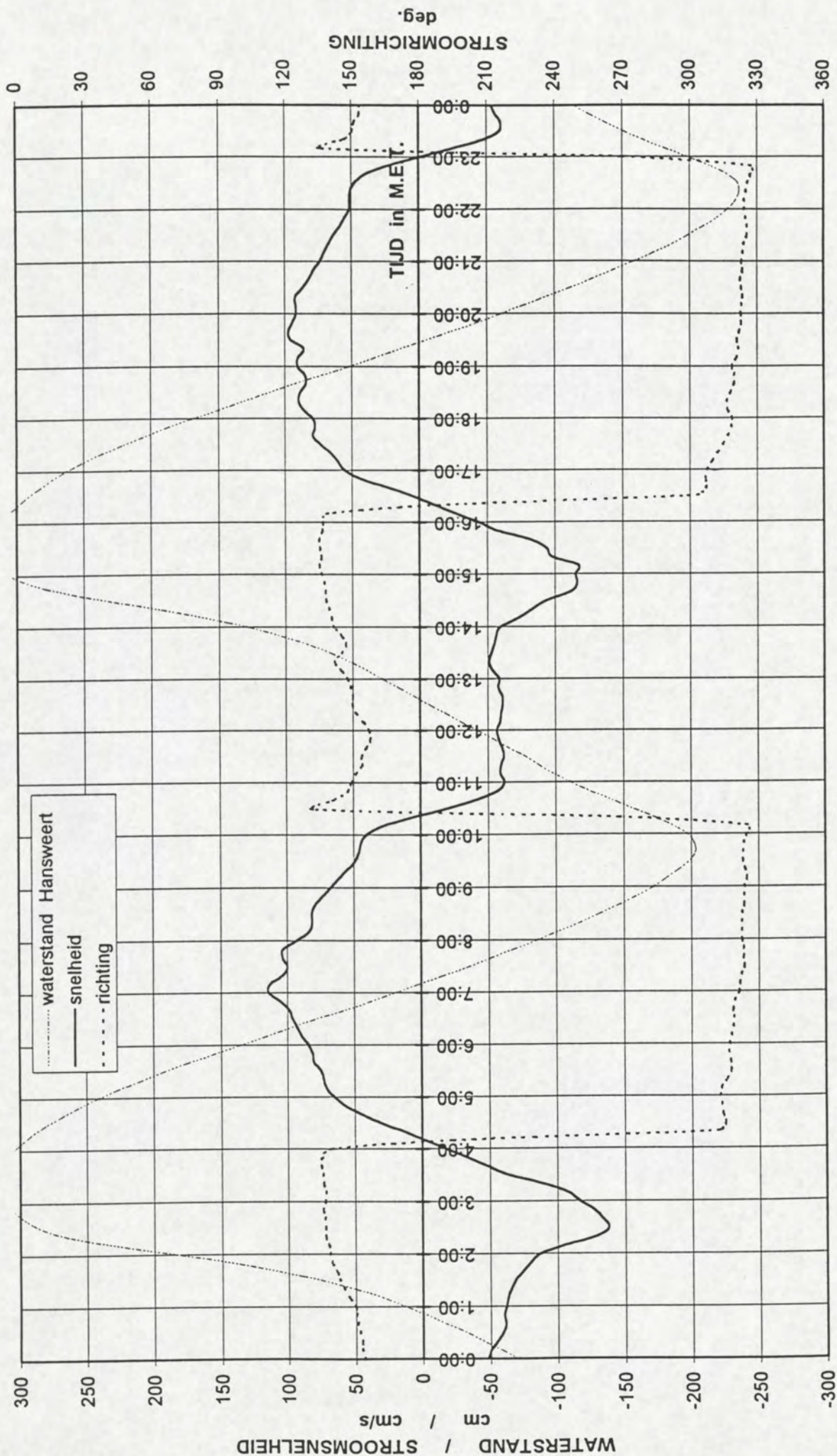




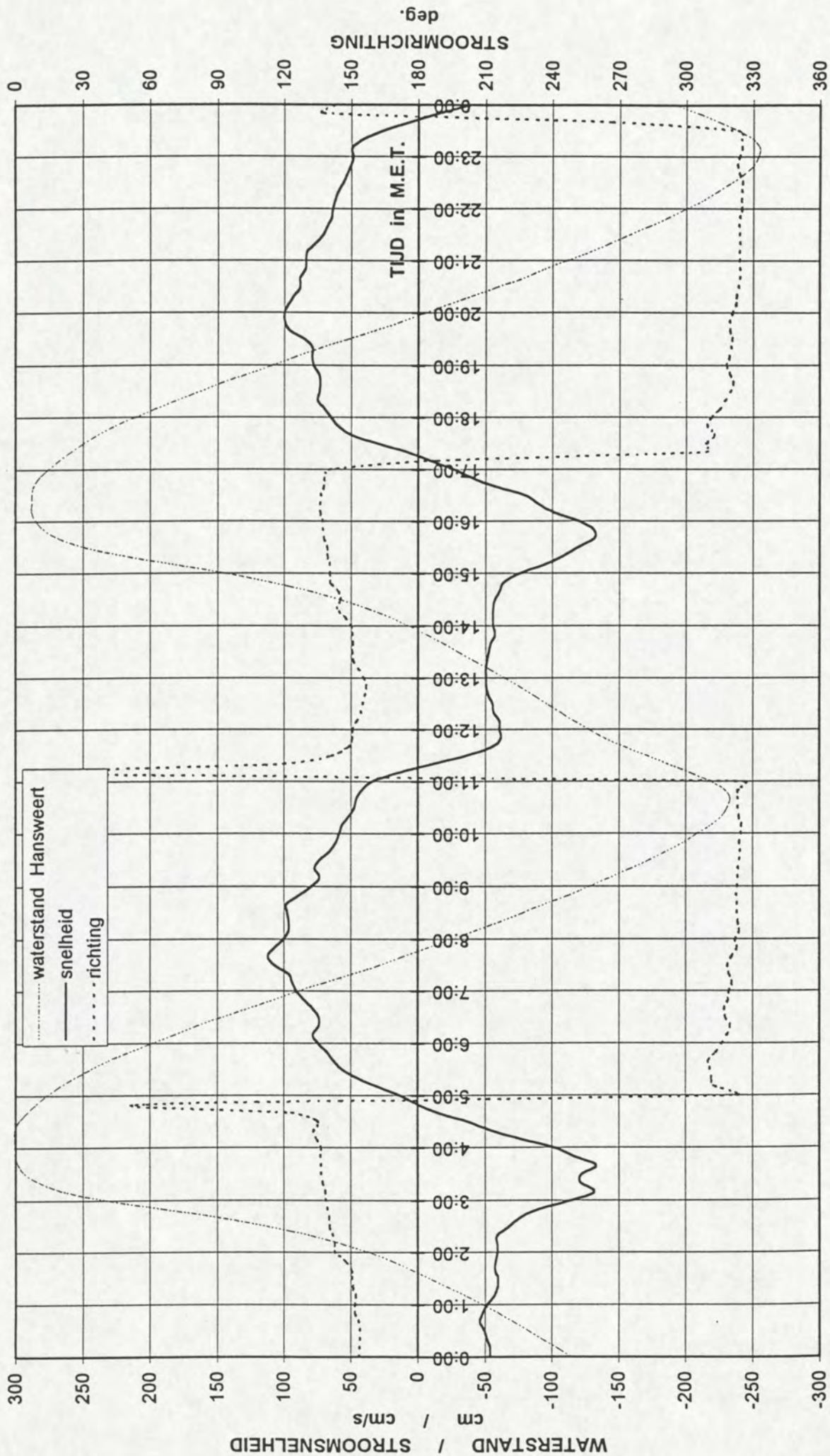
Raai 5A Schaar van Waarde mp. OSM 2
25 oktober 1999



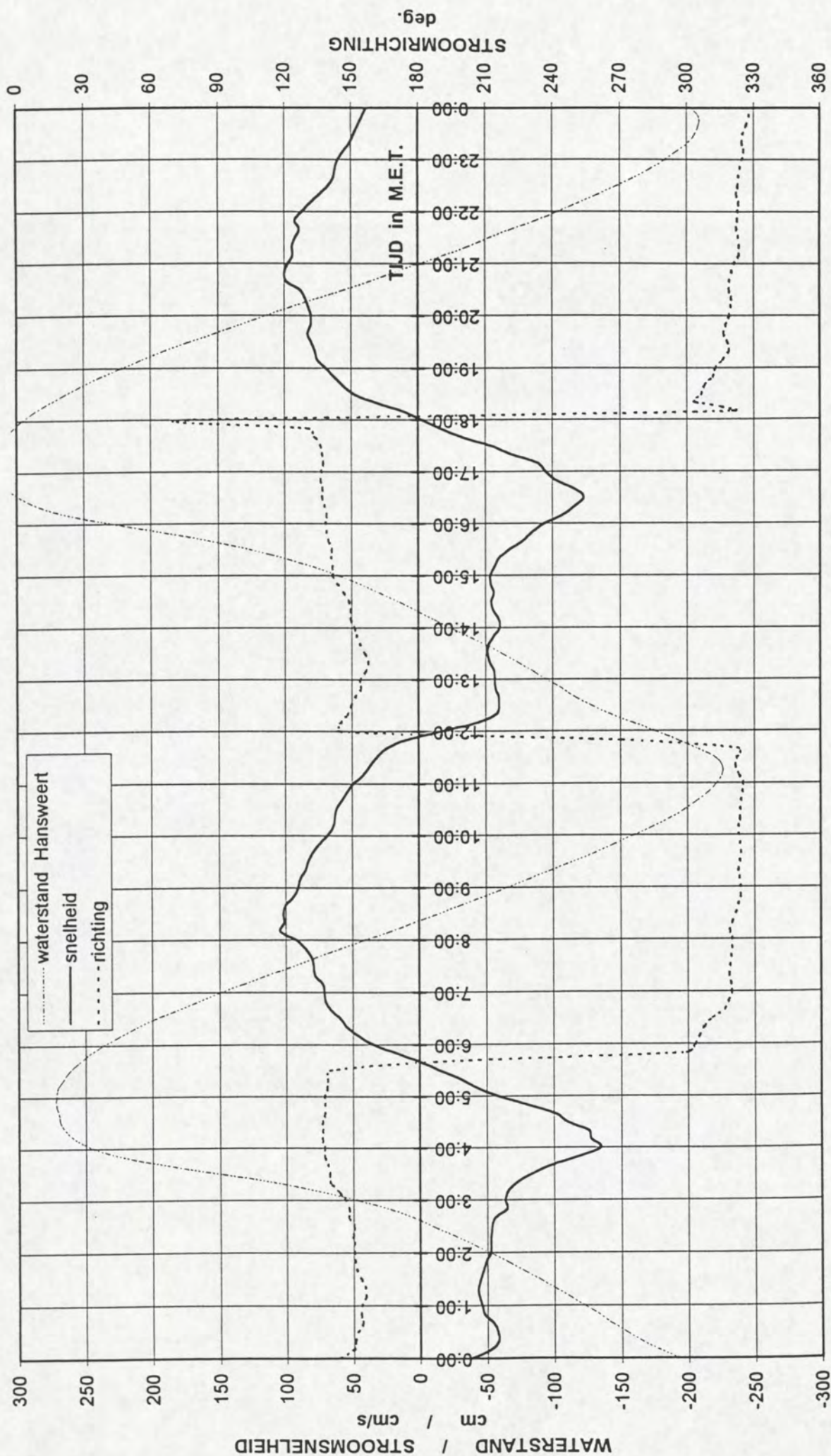
Raai 5A Schaar van Waarde mp. OSM 2
26 oktober 1999



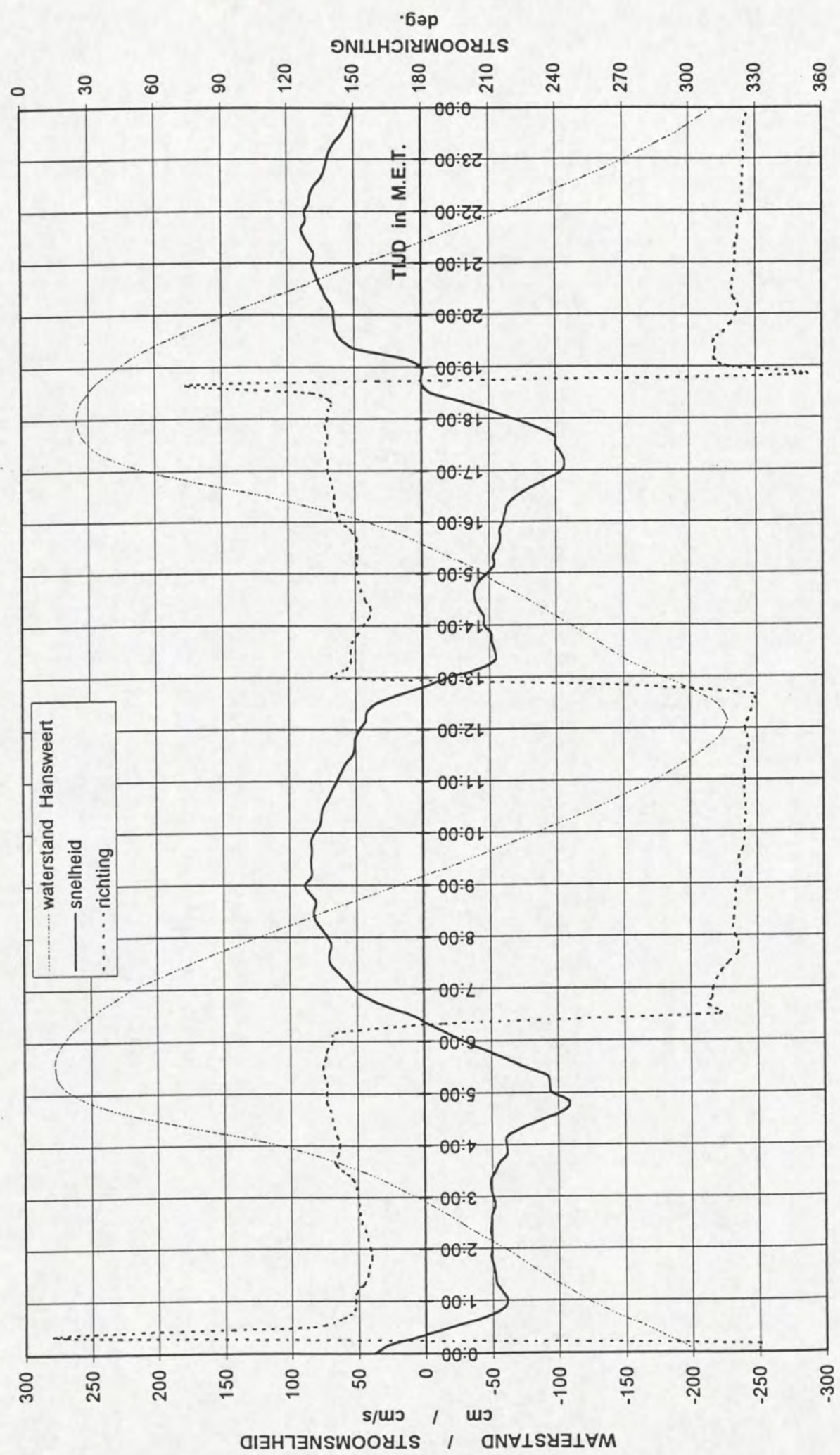
Raai 5A Schaar van Waarde mp. OSM 2
 27 oktober 1999



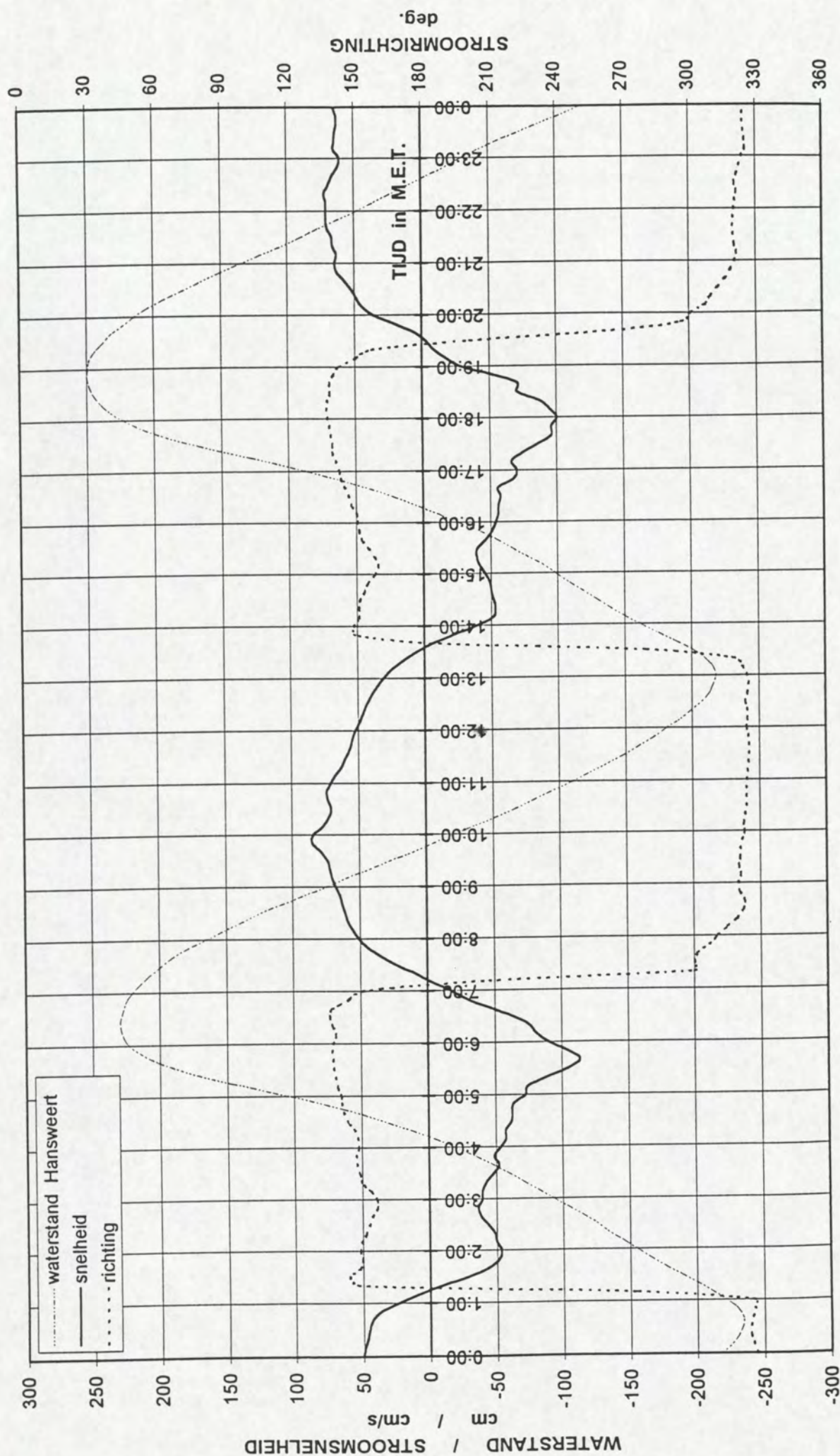
Raai 5A Schaar van Waarde mp. OSM 2
28 oktober 1999



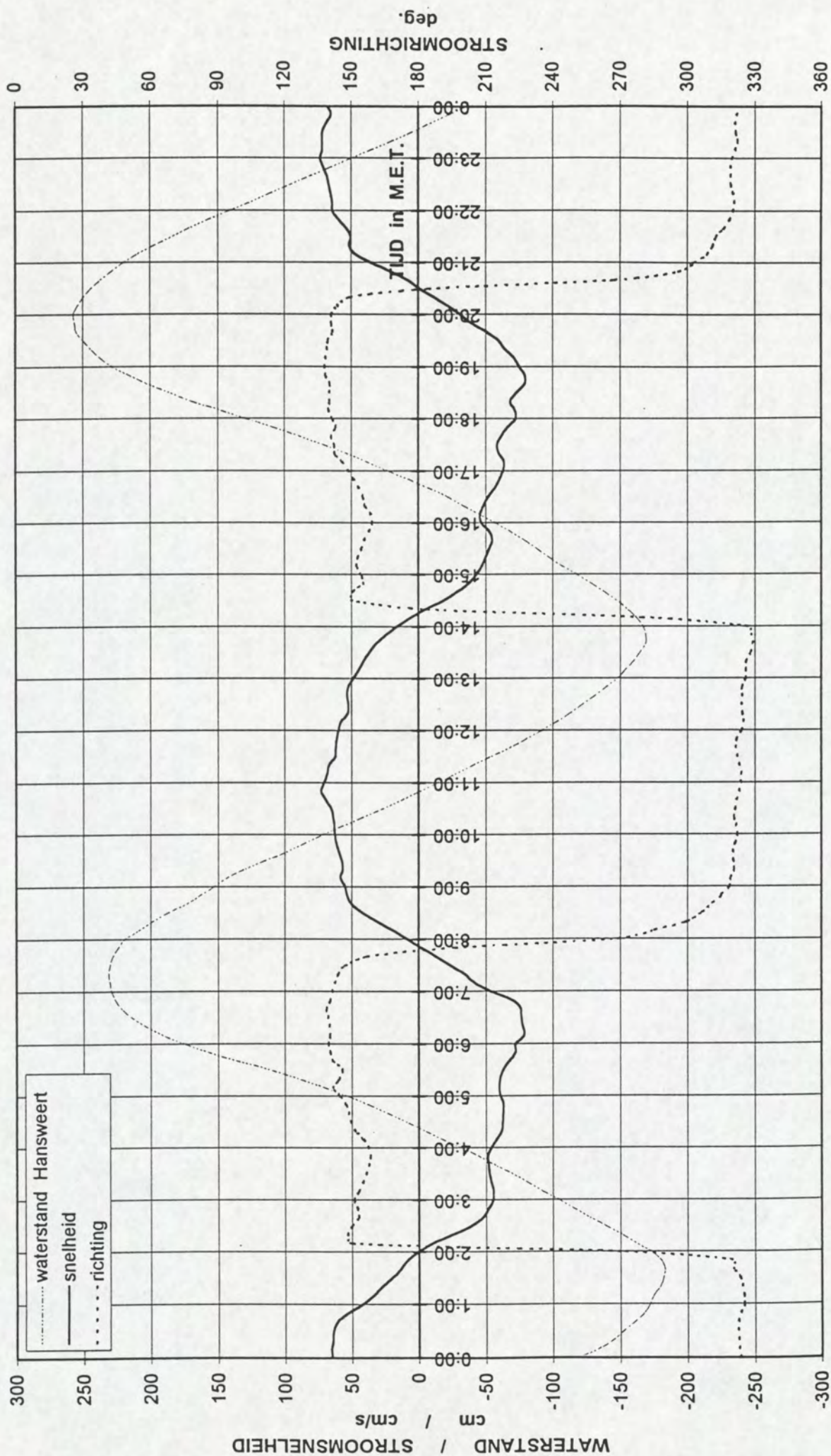
Raai 5A Schaar van Waarde mp. OSM 2
 29 oktober 1999

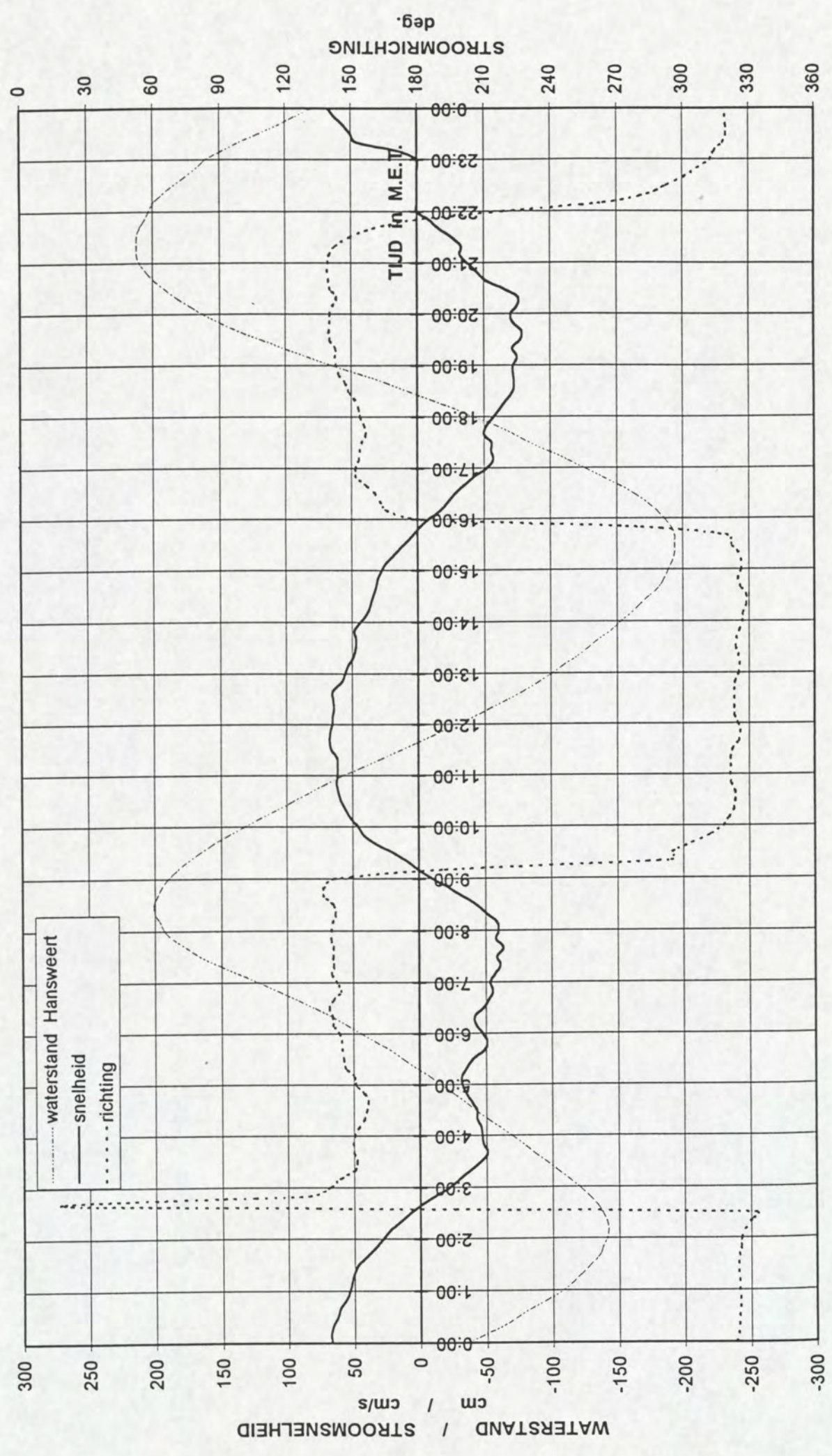


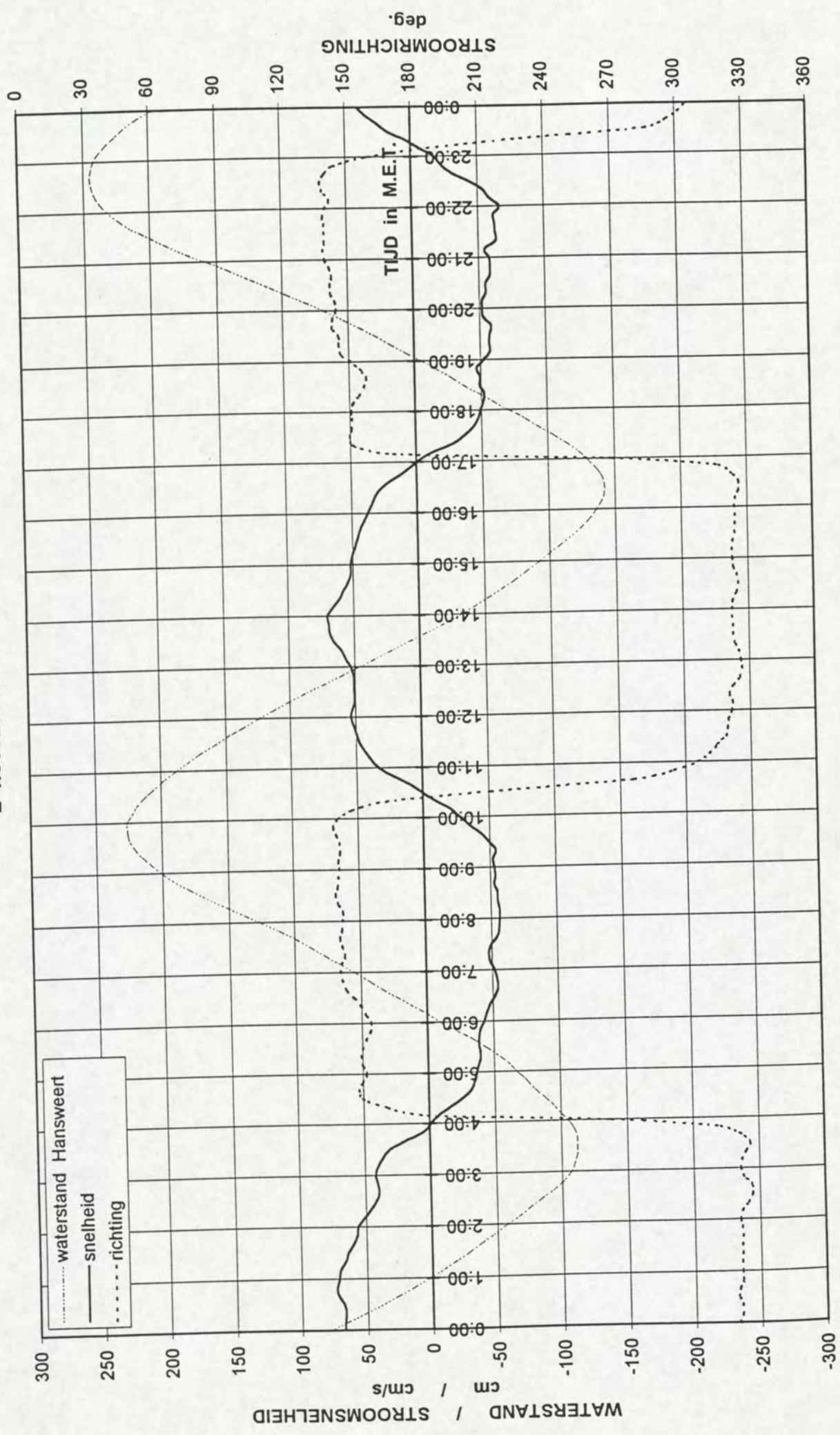
Raai 5A Schaar van Waarde mp. OSM 2
 30 oktober 1999



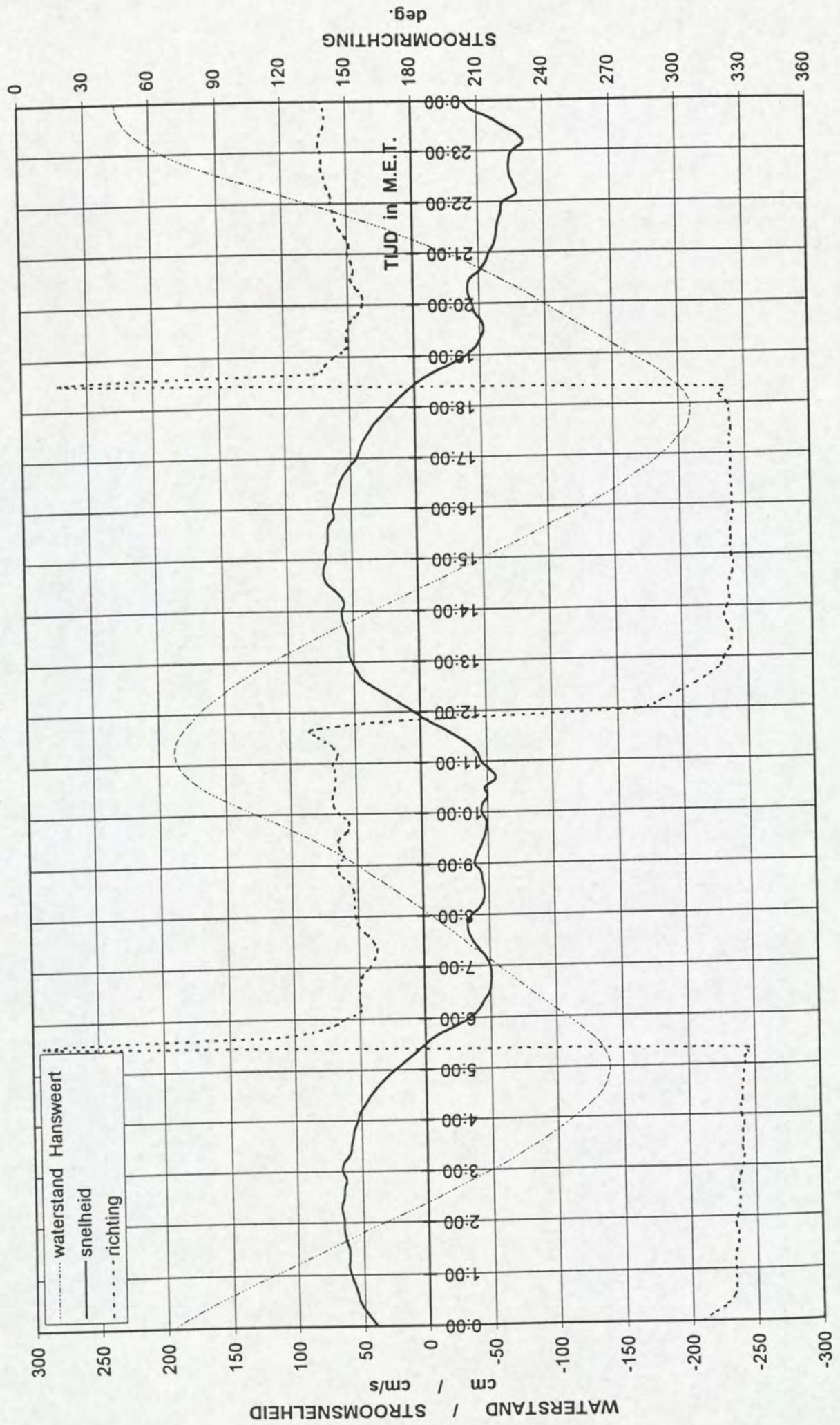
Raai 5A Schaar van Waarde mp. OSM 2
 31 oktober 1999



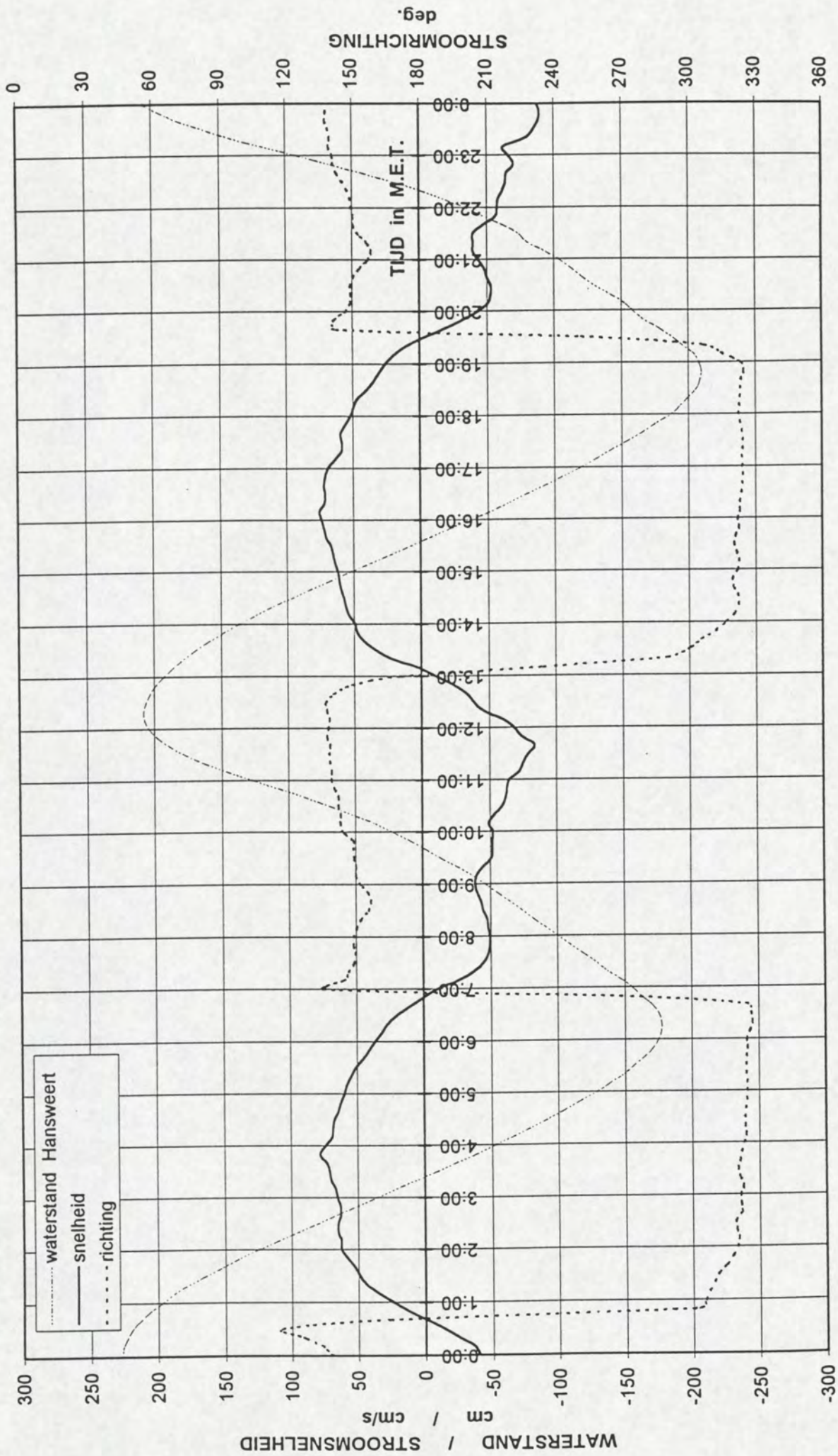


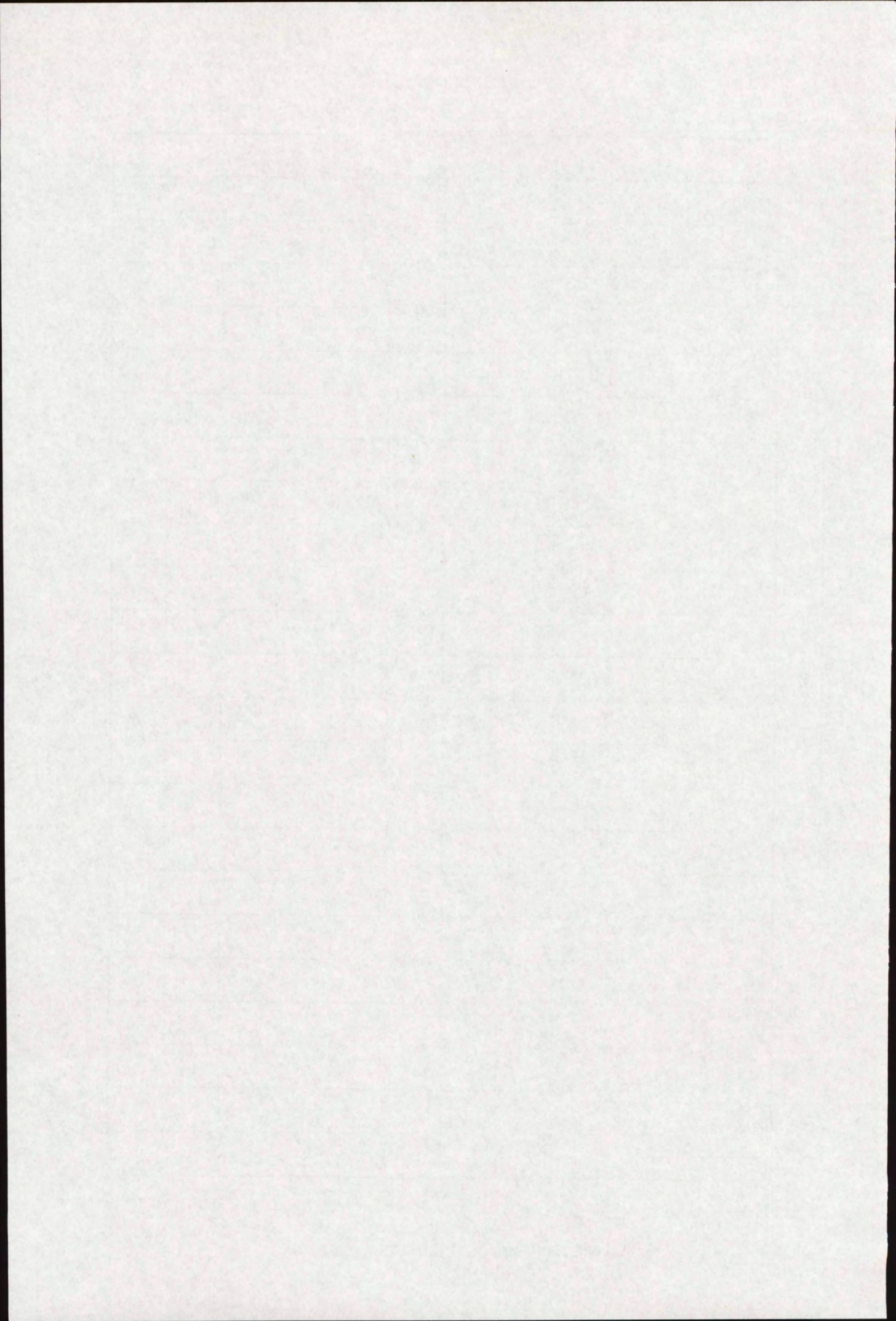


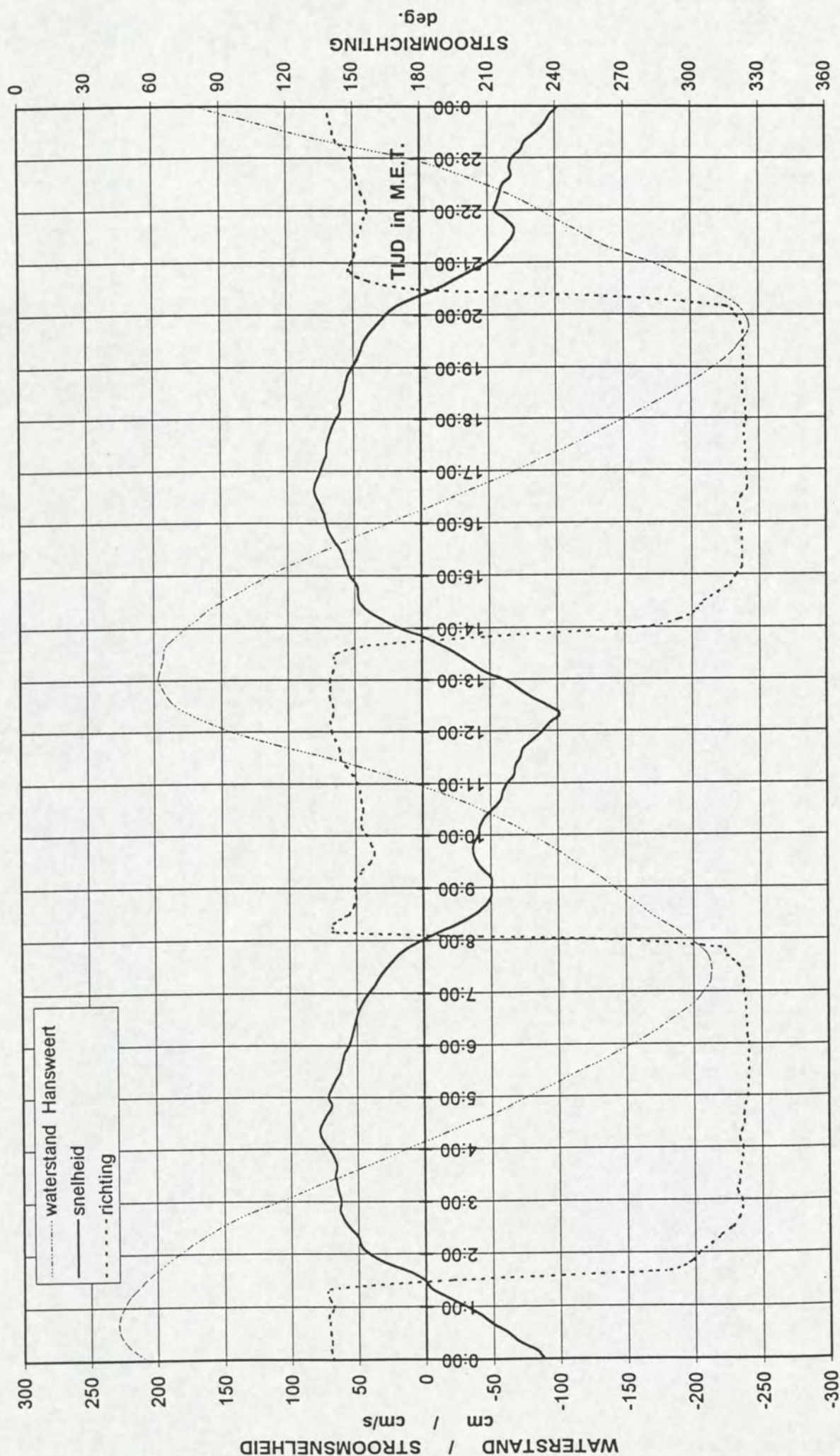
Raai 5A Schaar van Waarde mp. OSM 2
 3 november 1999



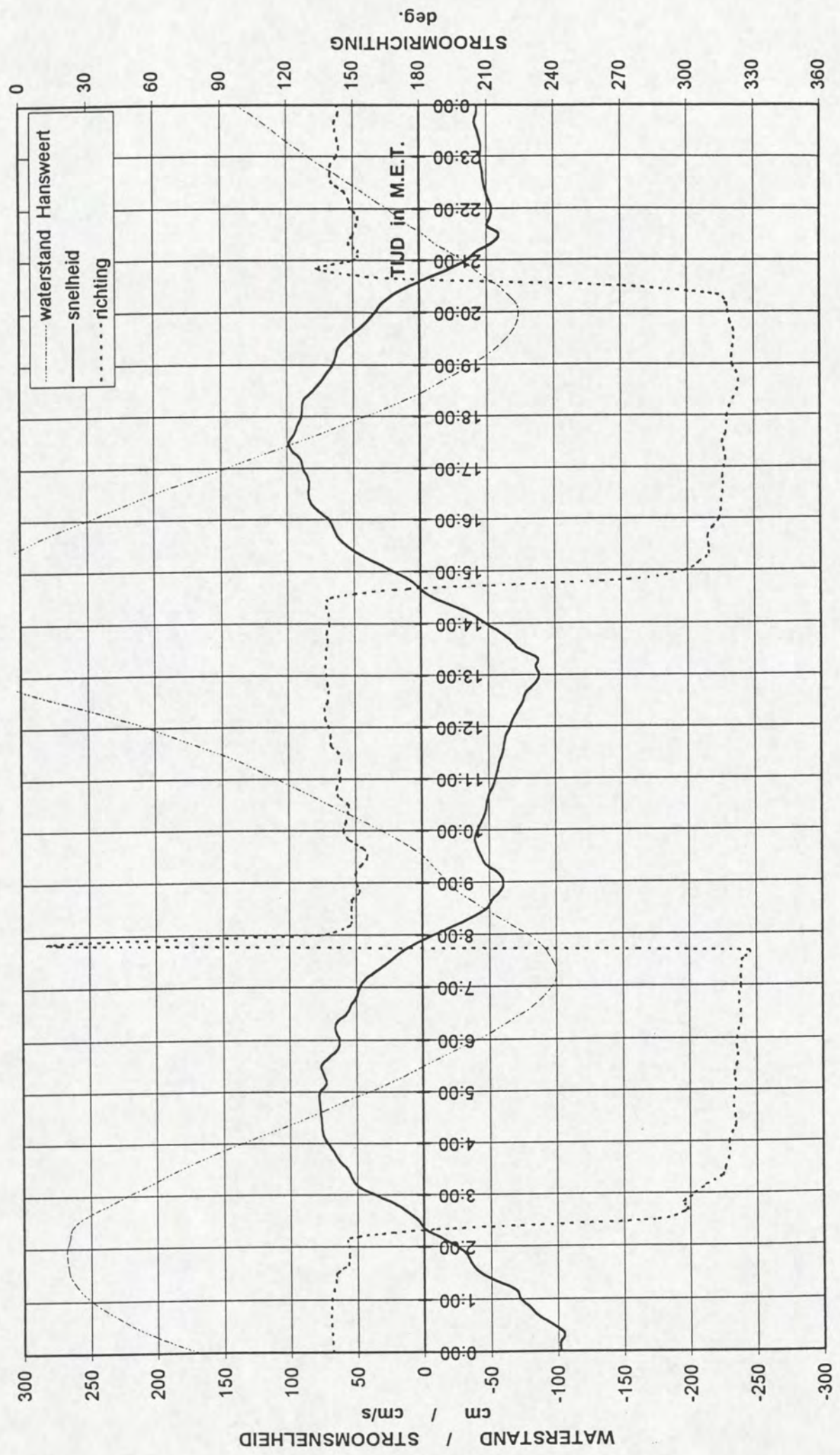
Raai 5A Schaar van Waarde mp. OSM 2
 4 november 1999

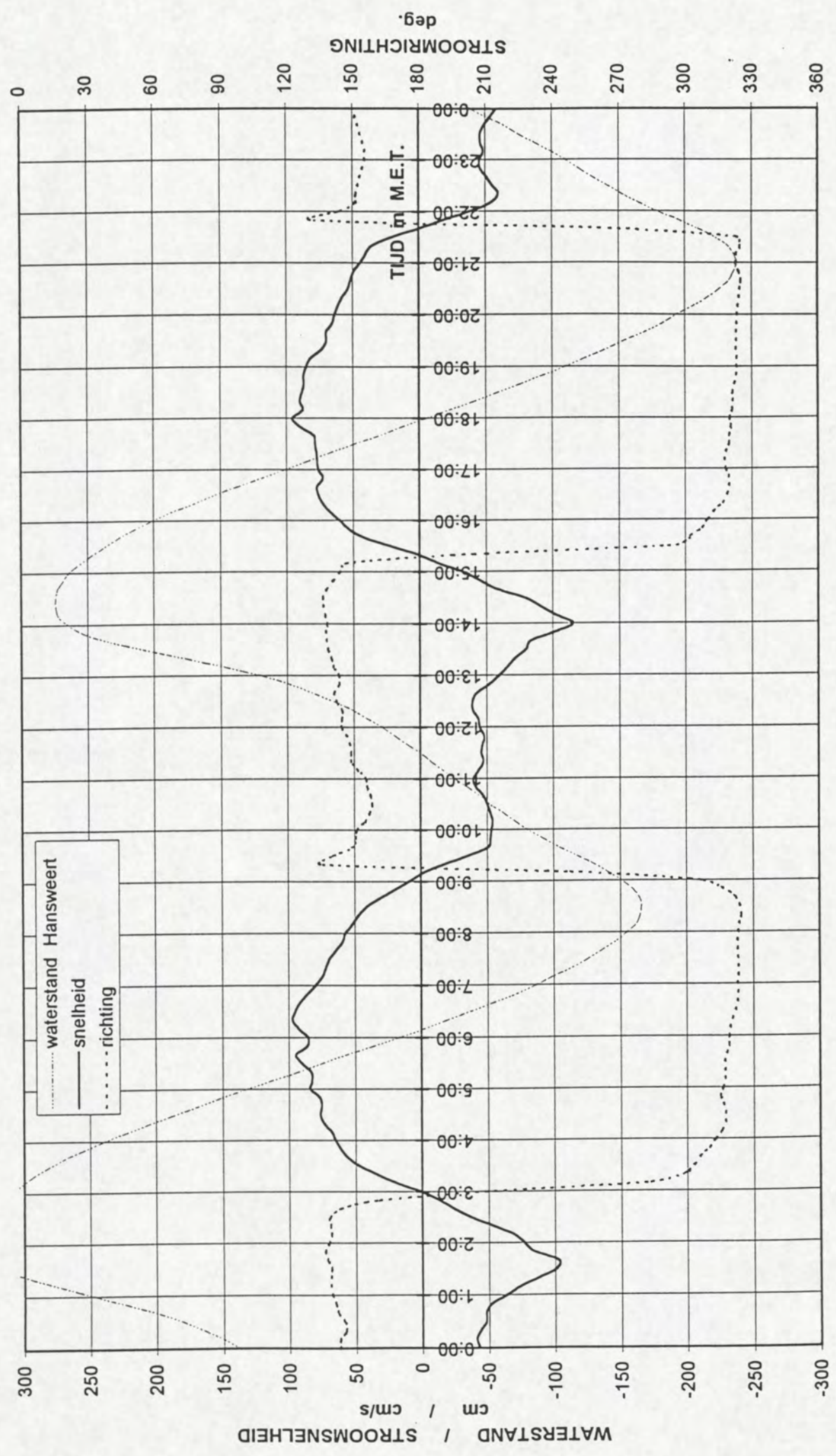


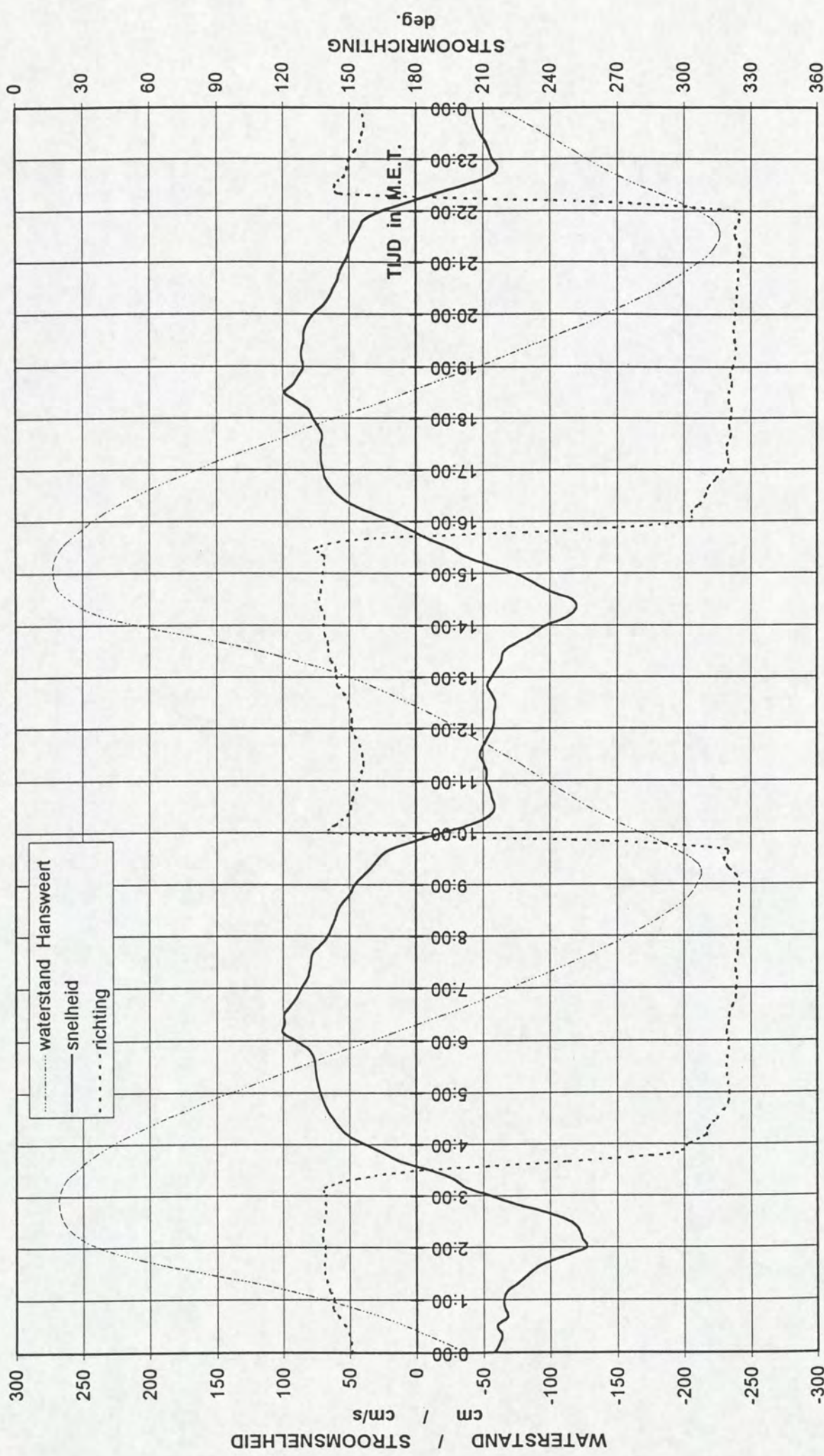




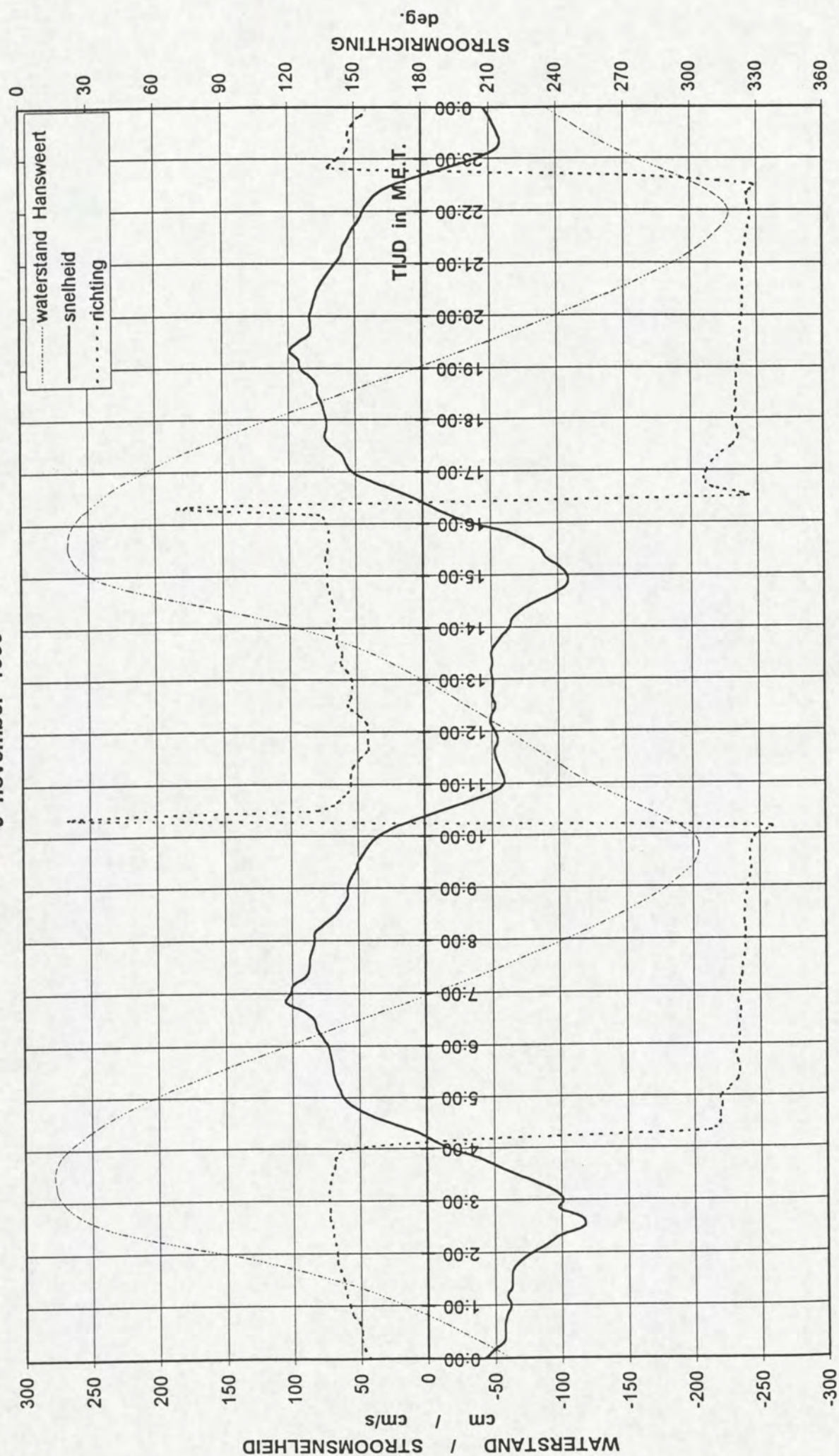
Raai 5A Schaar van Waarde mp. OSM 2
 6 november 1999



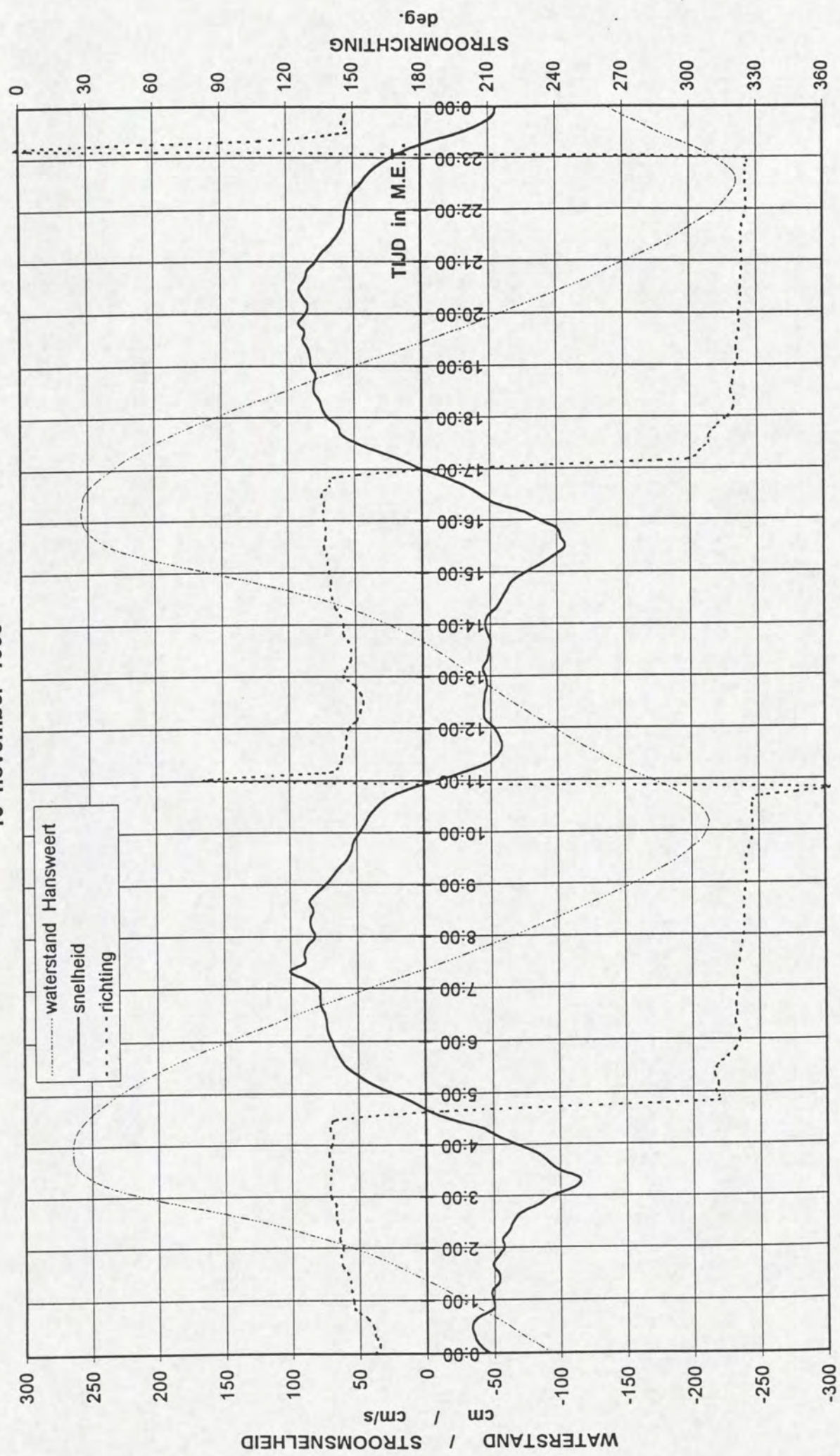




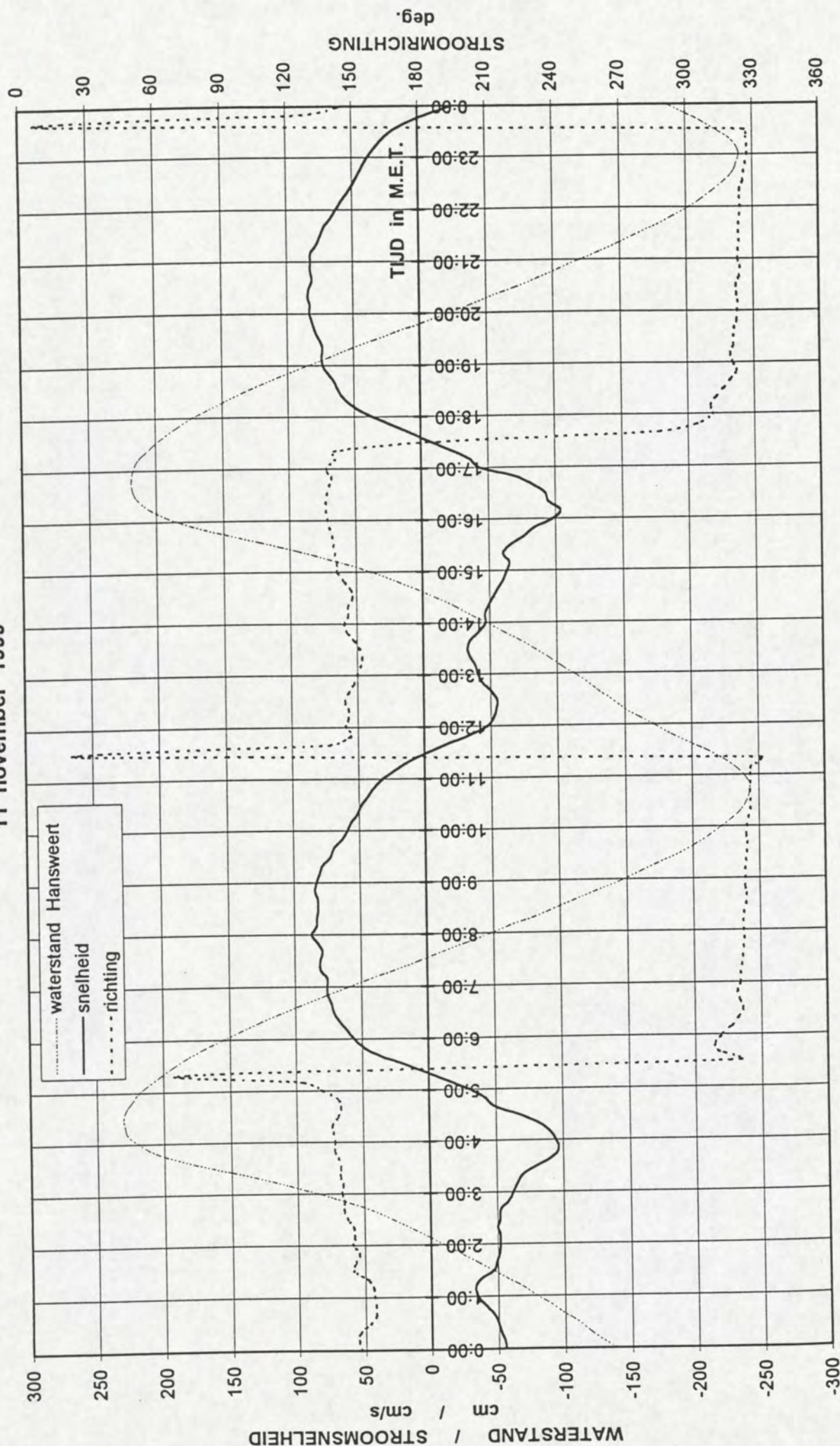
Raai 5A Schaar van Waarde mp. OSM 2
 9 november 1999



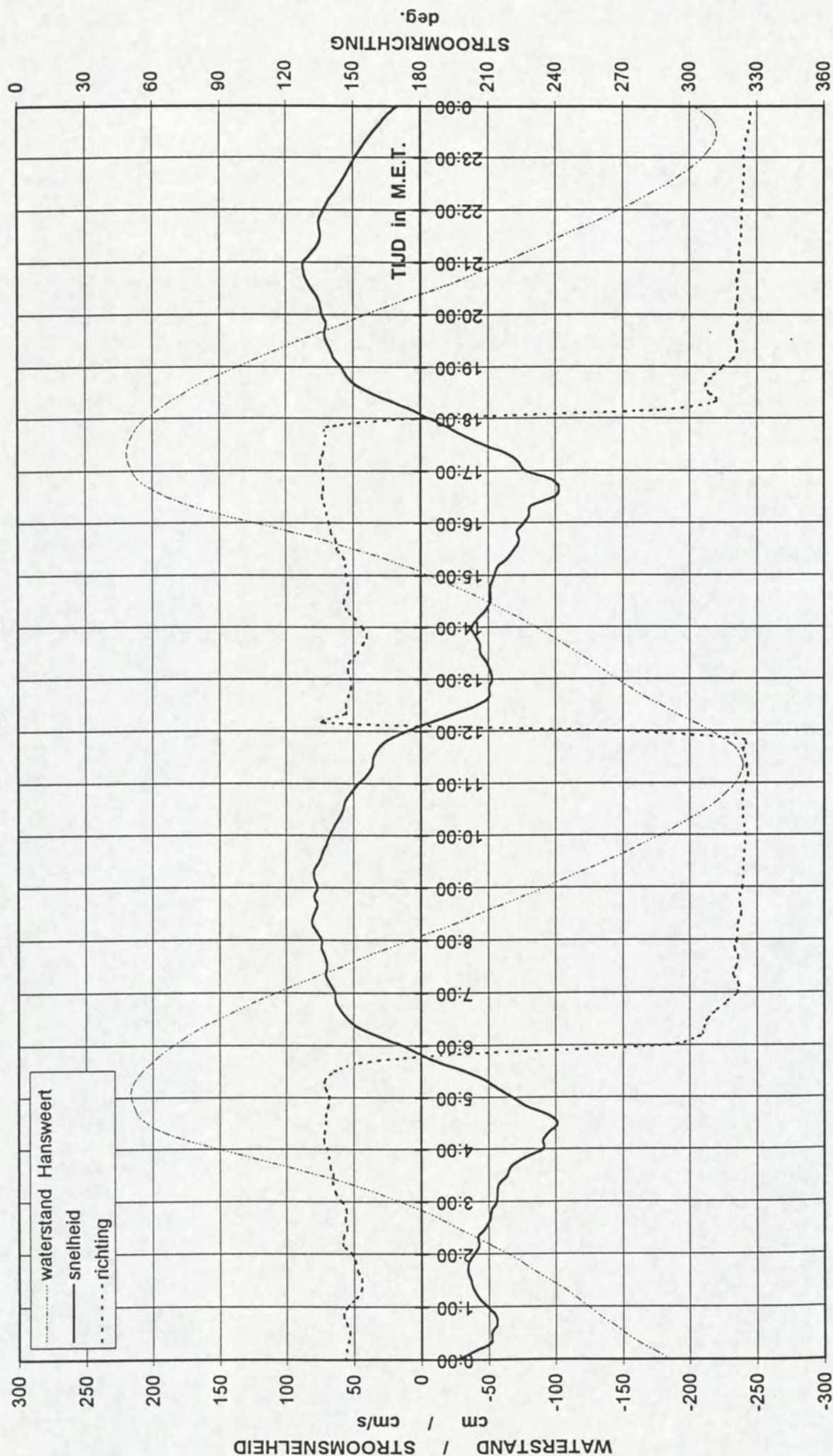
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 10 november 1999



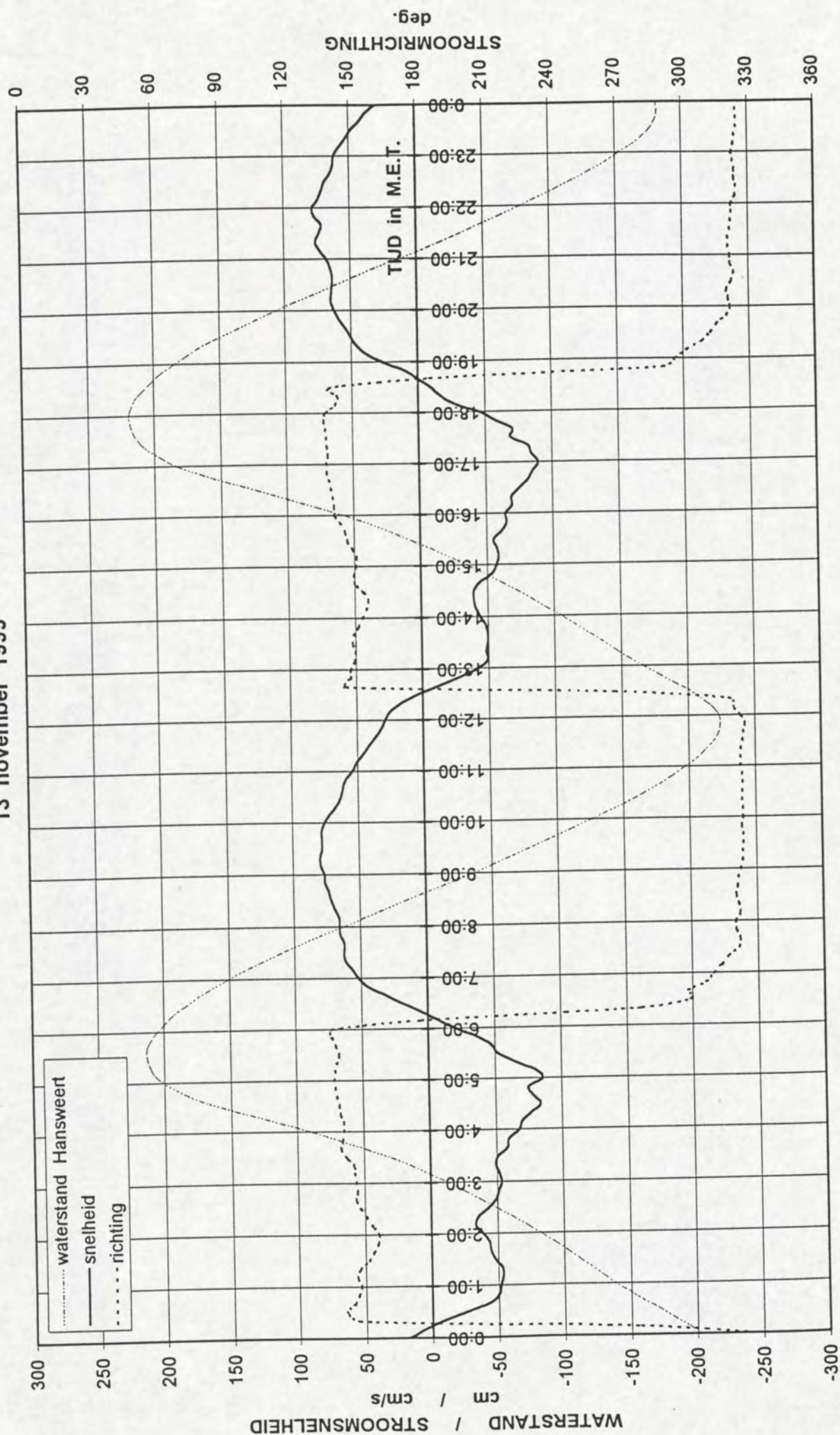
Raai 5A Schaar van Waarde mp. OSM 2
 11 november 1999



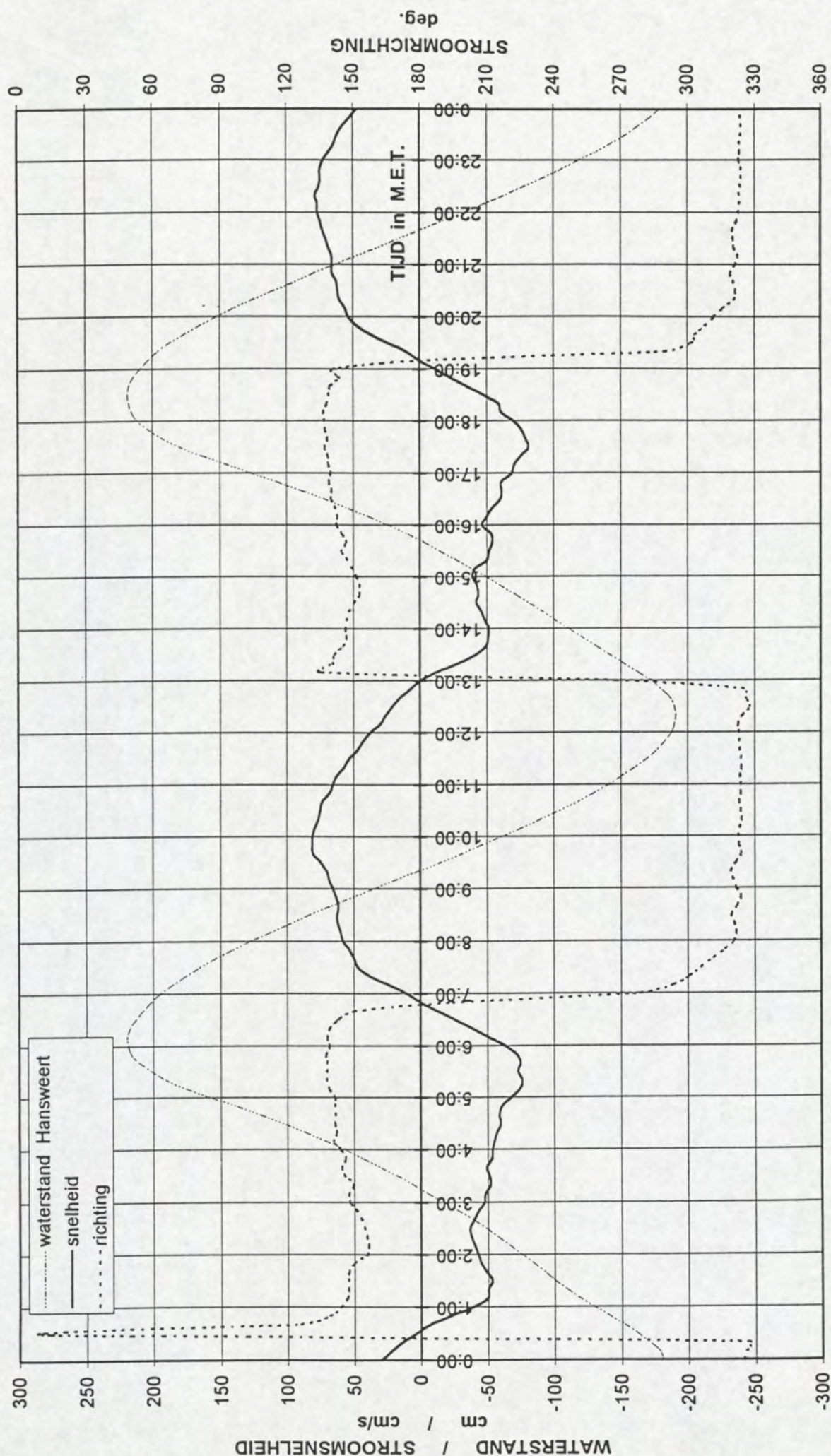
Raai 5A Schaar van Waarde mp. OSM 2
 12 november 1999



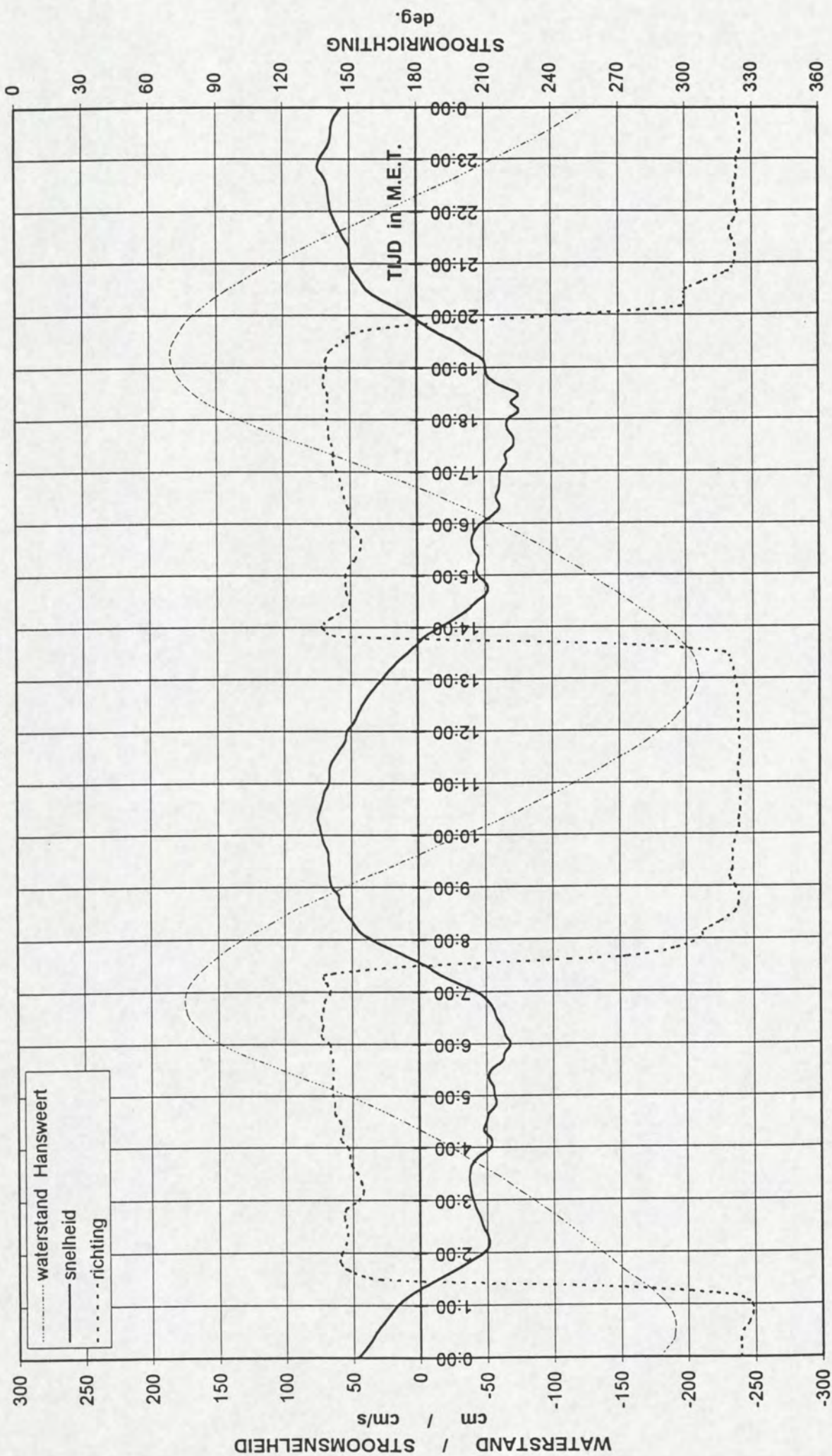
Raai 5A Schaar van Waarde mp. OSM 2
13 november 1999



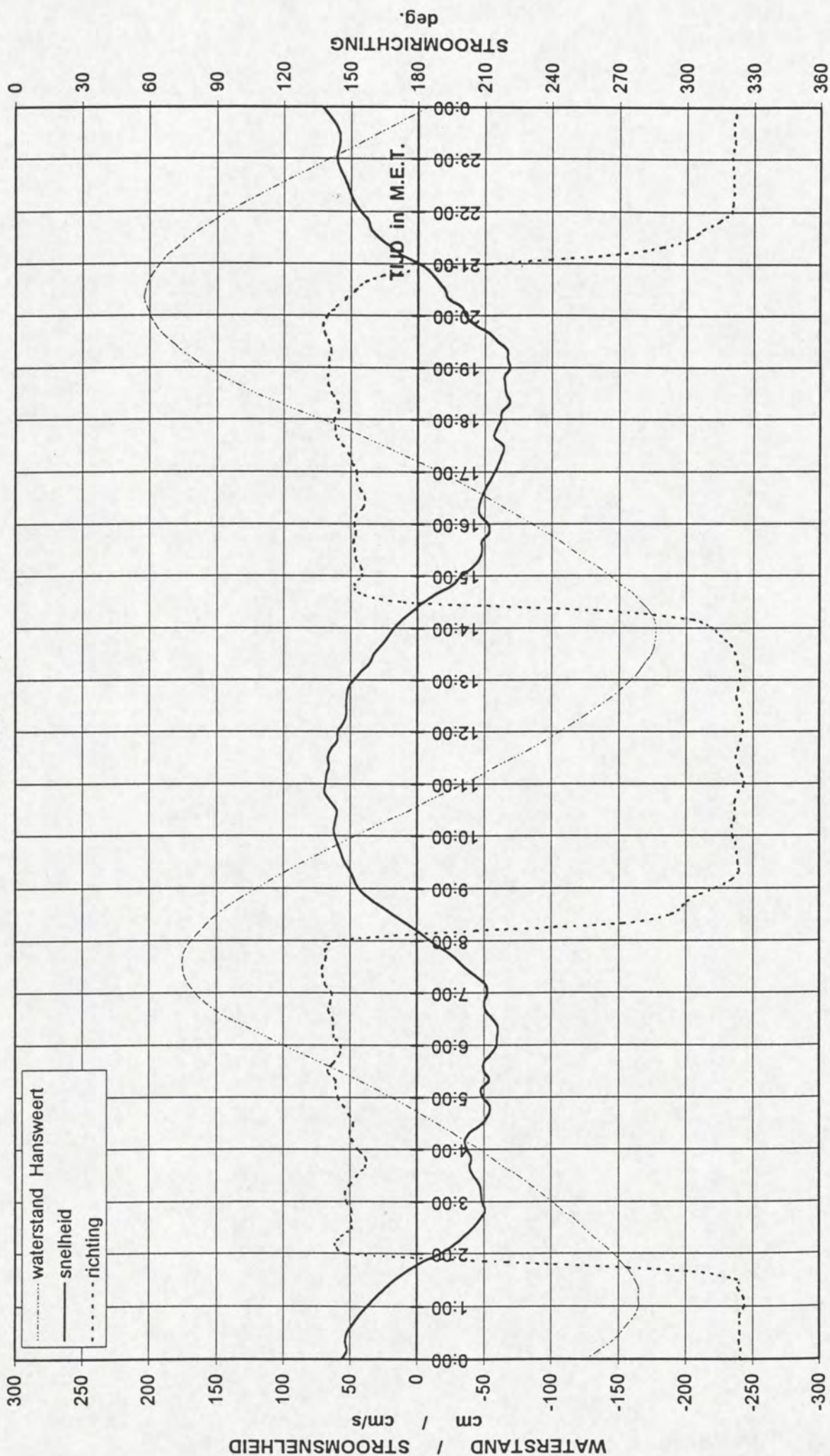
Raai 5A Schaar van Waarde mp. OSM 2
 14 november 1999

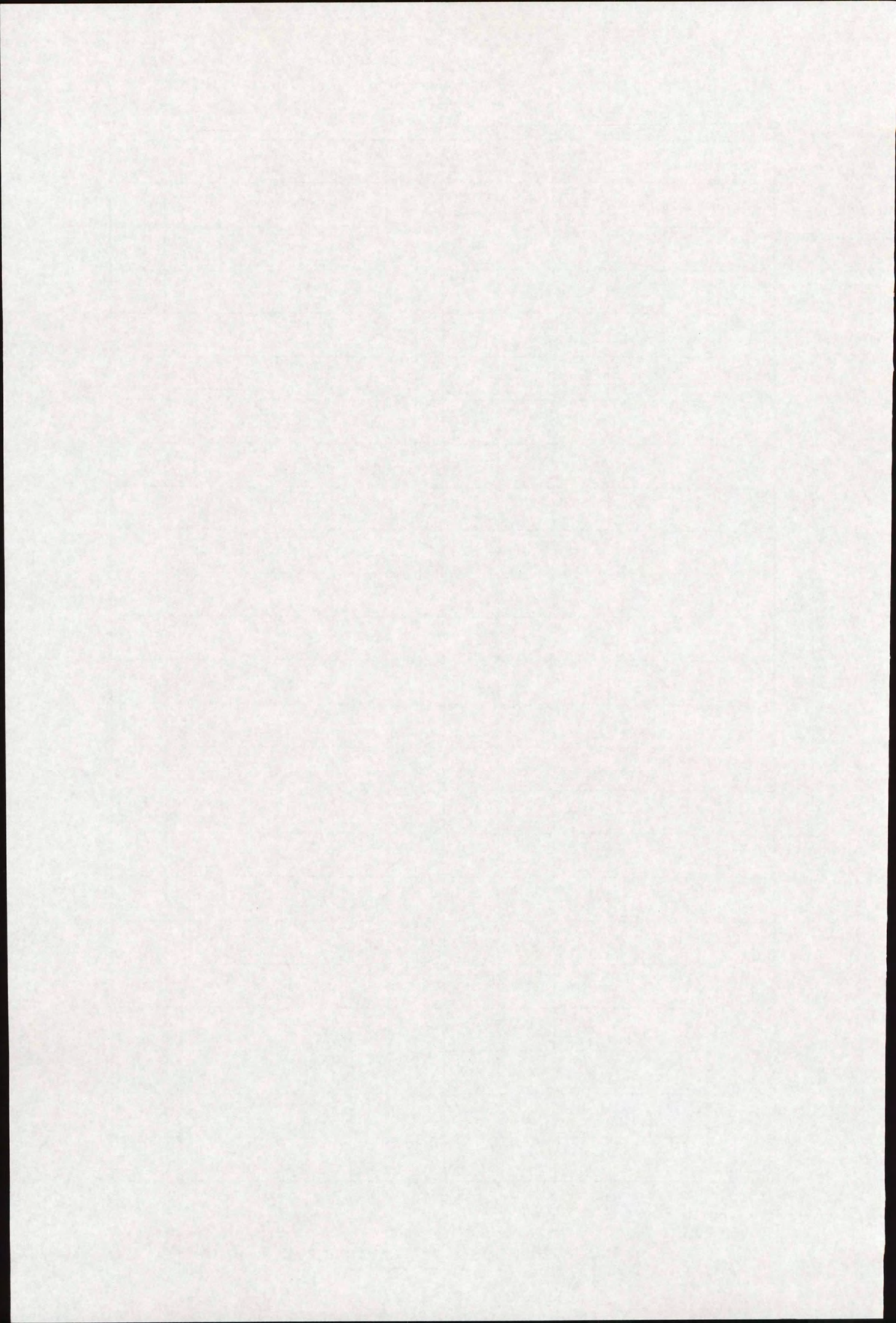


Raai 5A Schaar van Waarde mp. OSM 2
 15 november 1999

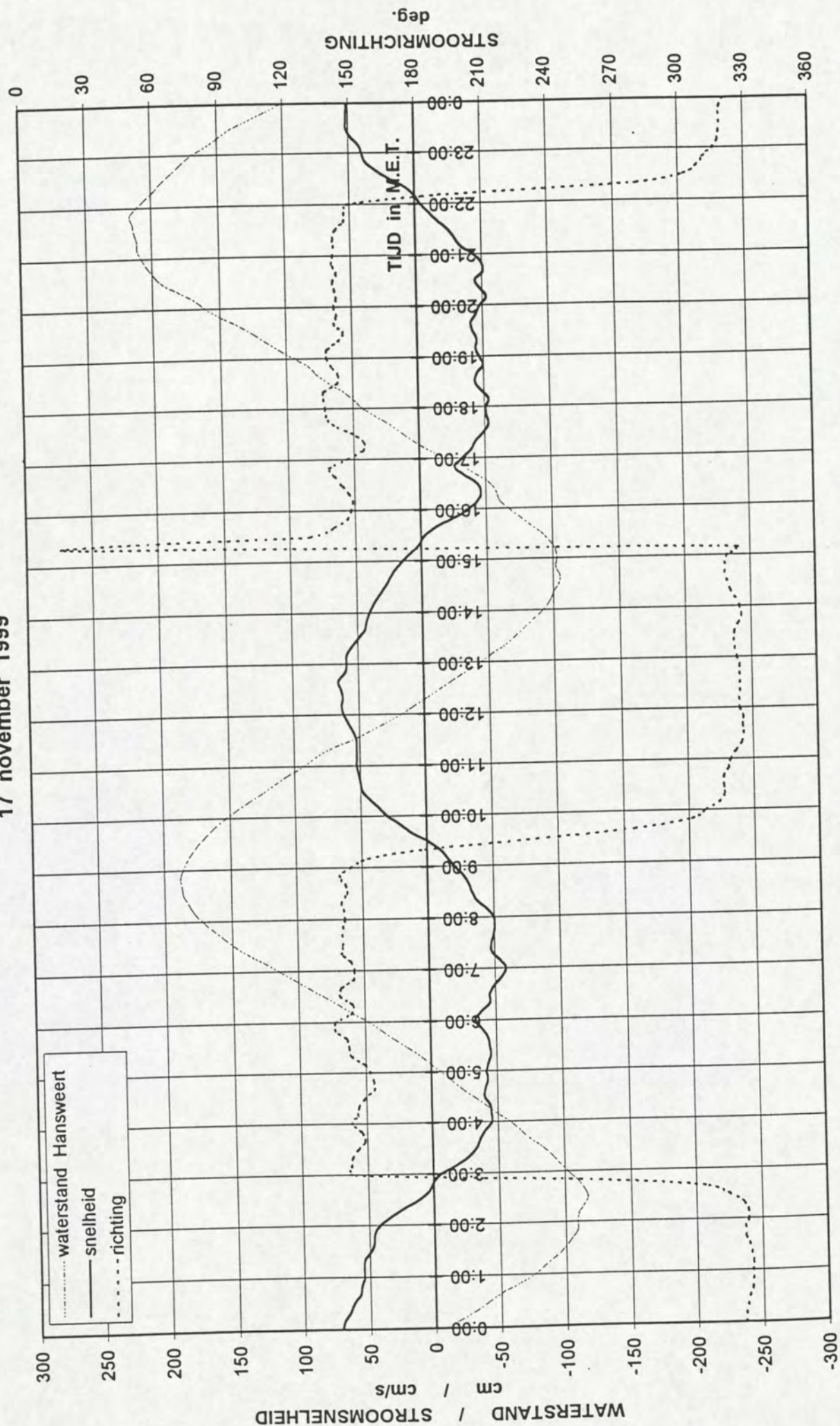


Raai 5A Schaar van Waarde mp. OSM 2
 16 november 1999

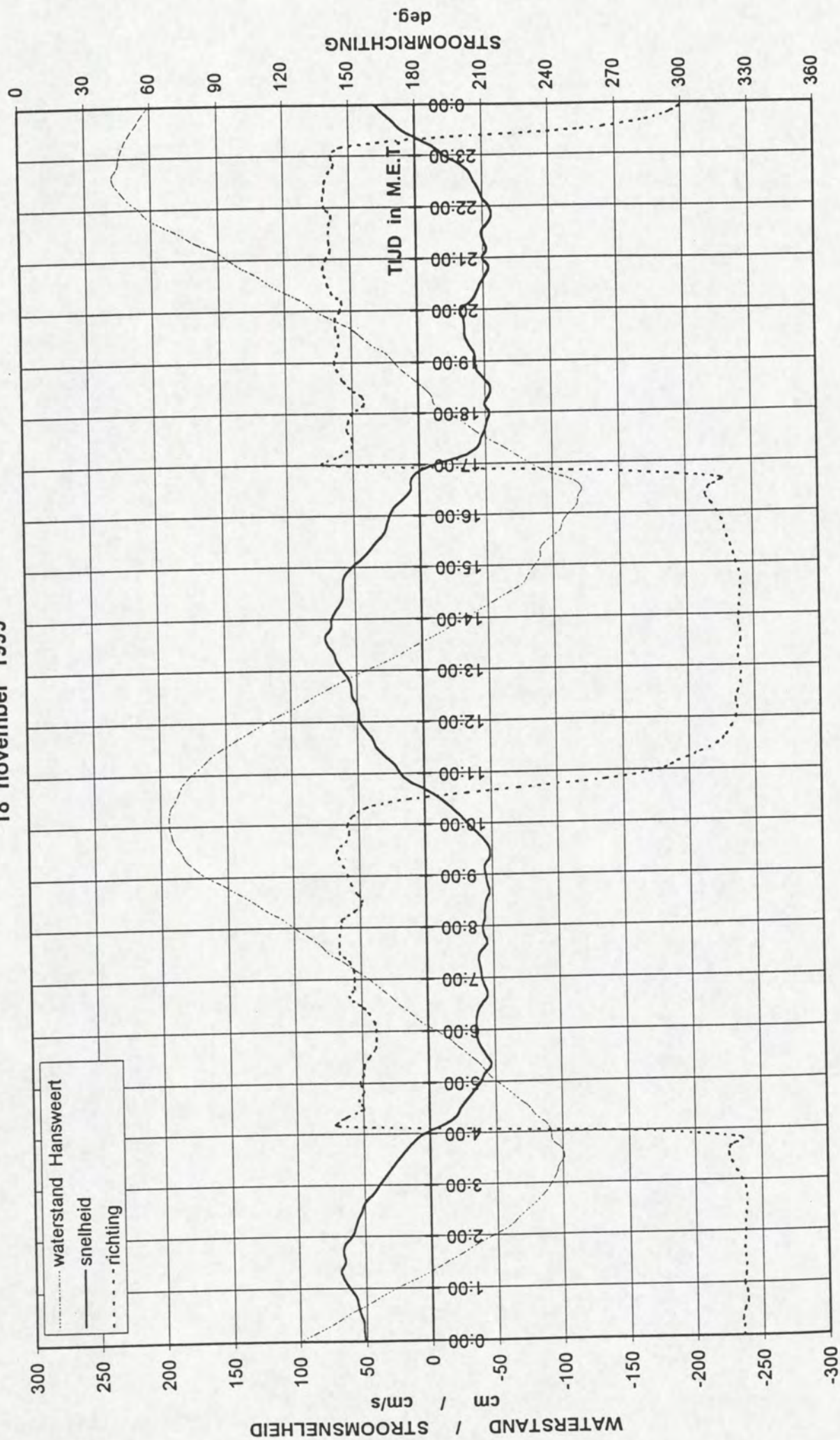




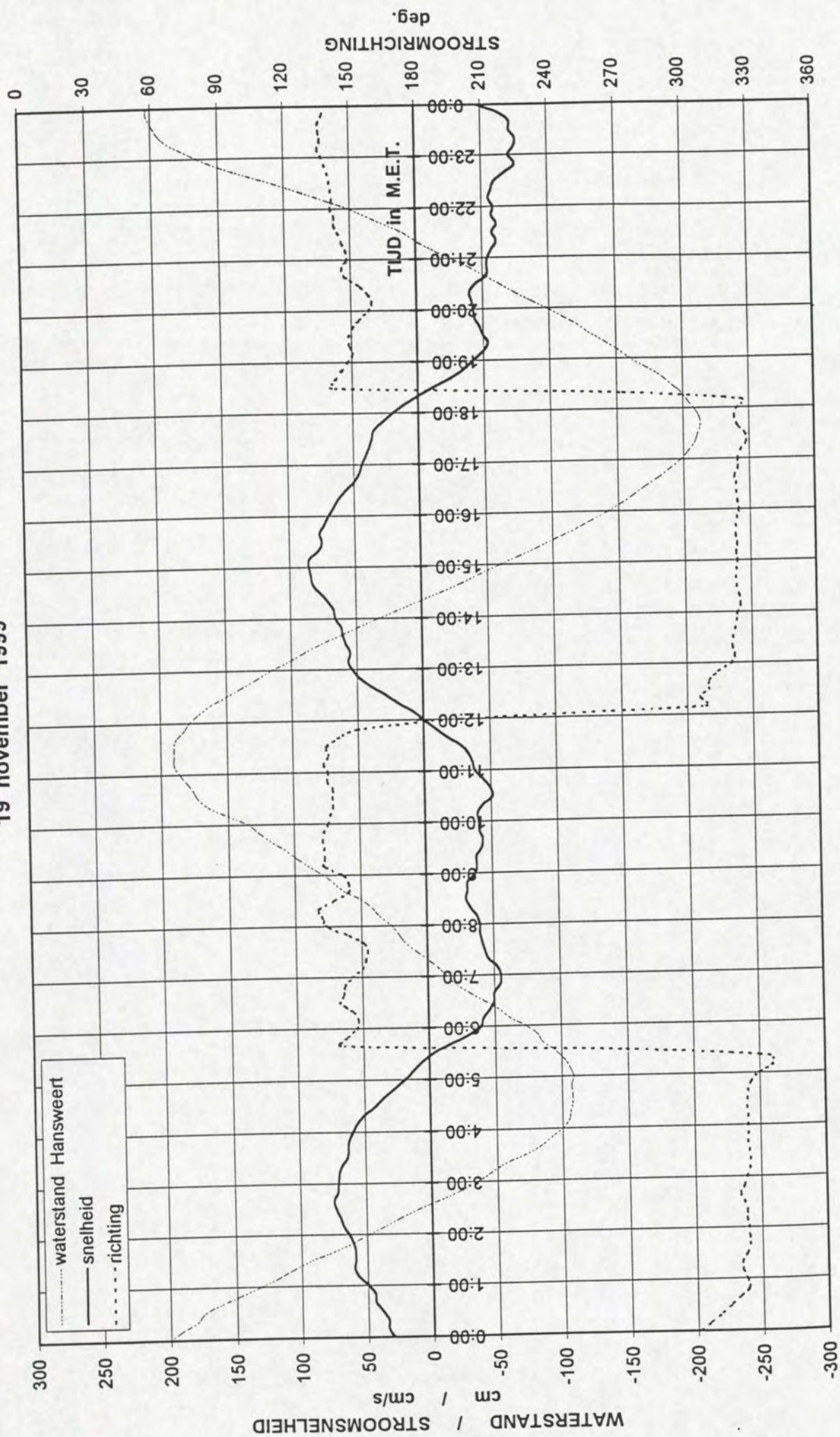
Raai 5A Schaar van Waarde mp. OSM 2
 17 november 1999



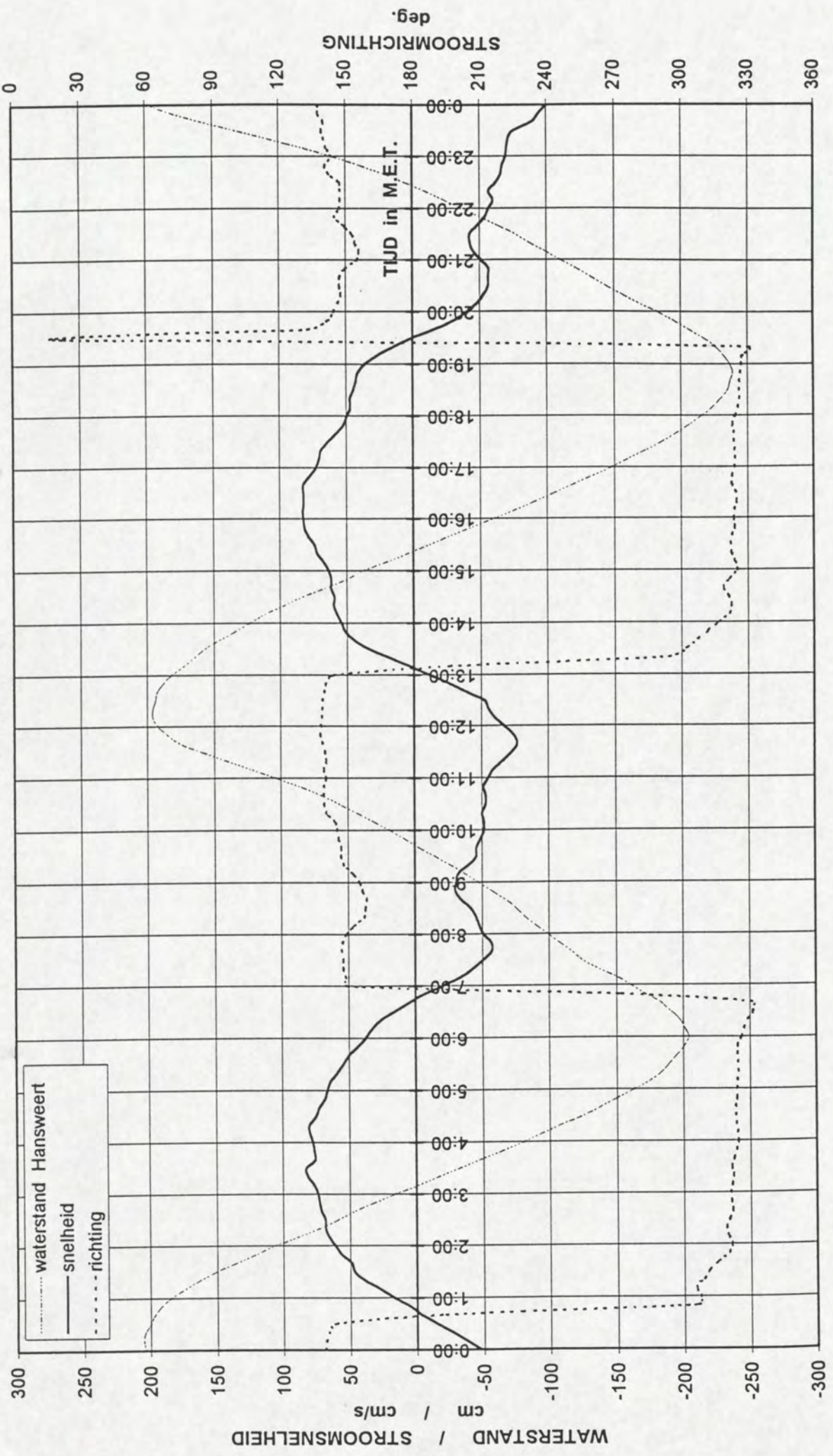
Raai 5A Schaar van Waarde mp. OSM 2
 18 november 1999



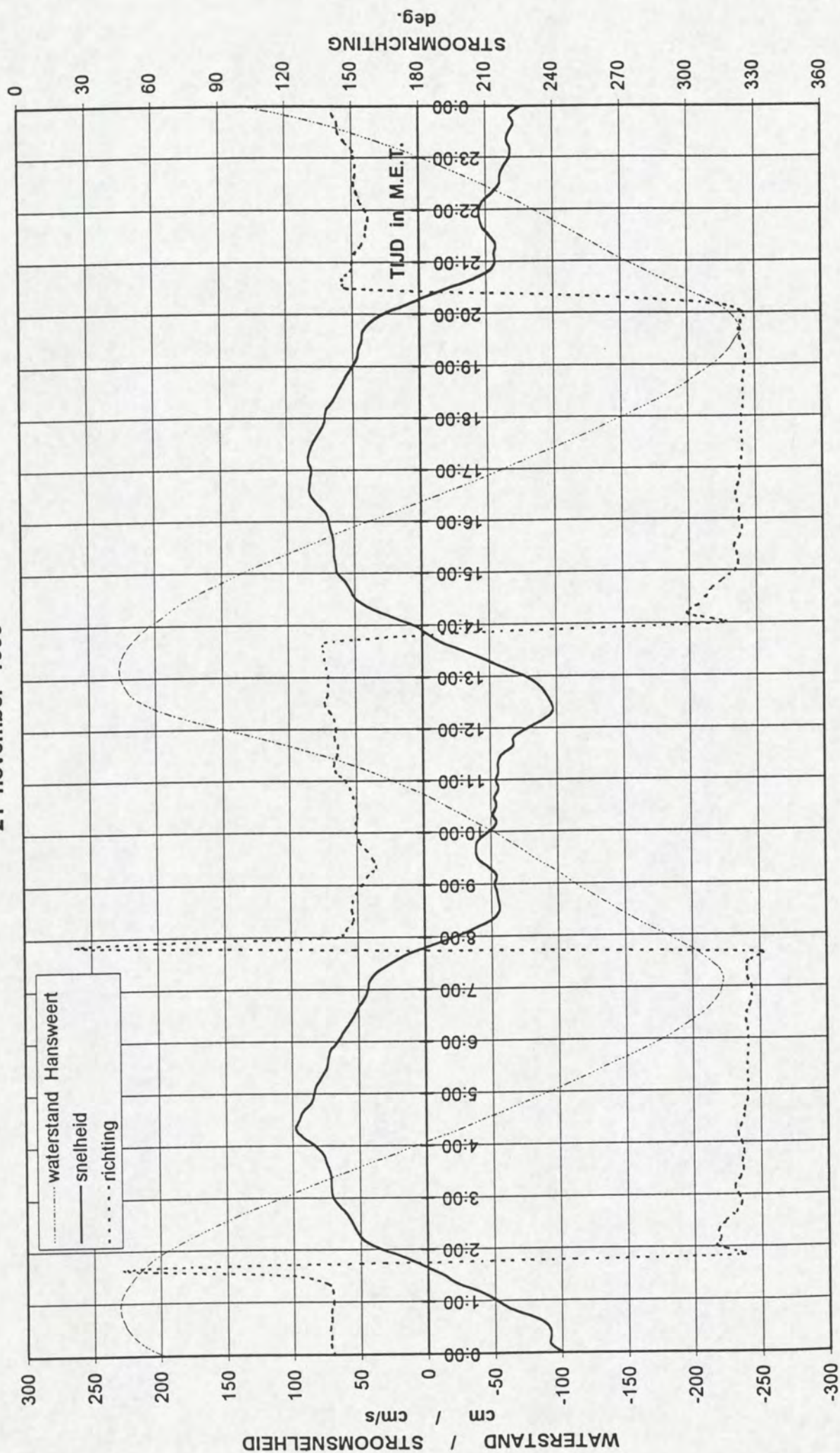
Raai 5A Schaar van Waarde mp. OSM 2
19 november 1999



Raai 5A Schaar van Waarde mp. OSM 2
 20 november 1999

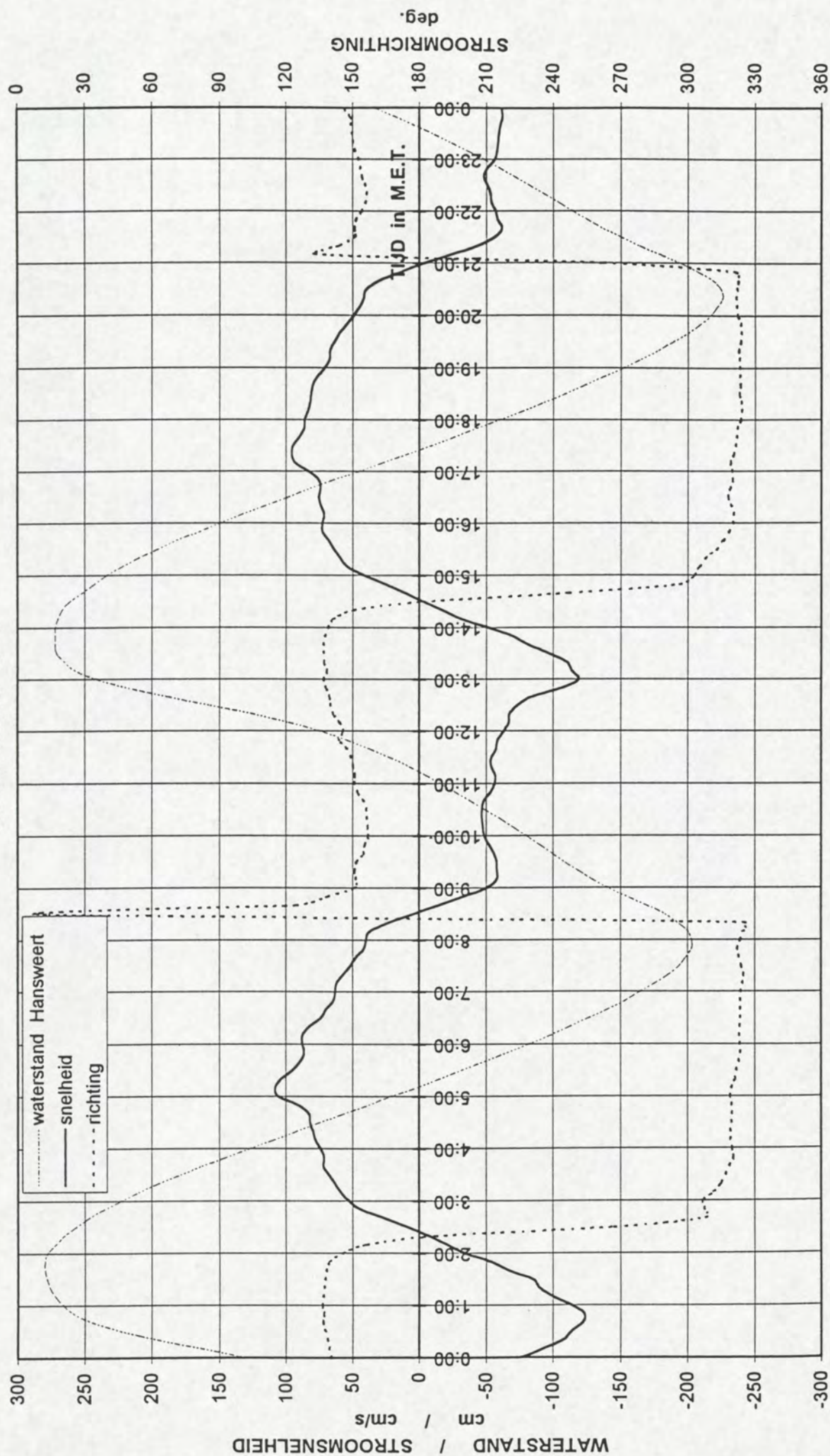


Raai 5A Schaar van Waarde mp. OSM 2
 21 november 1999

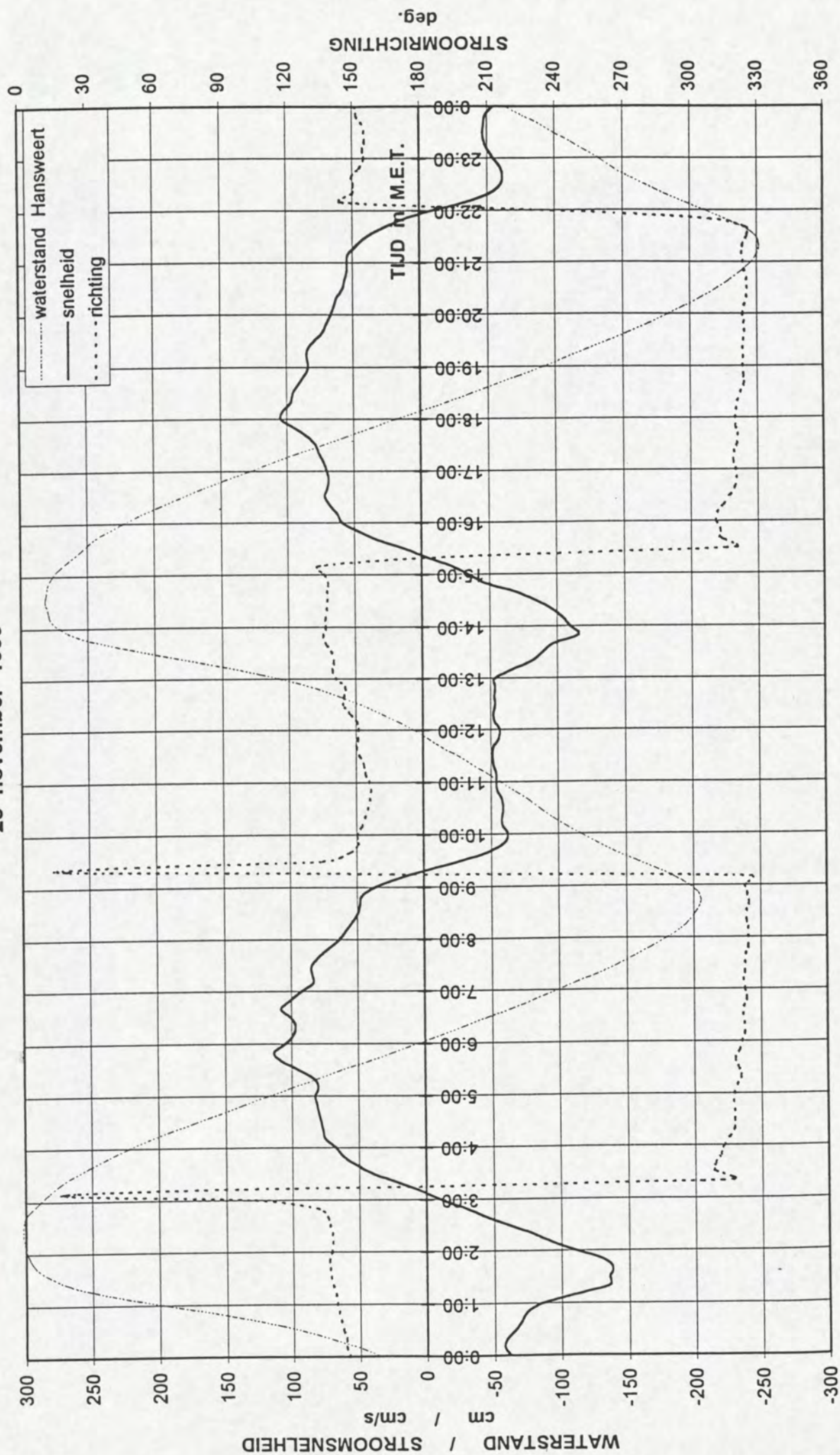


Raai 5A Schaar van Waarde mp. OSM 2

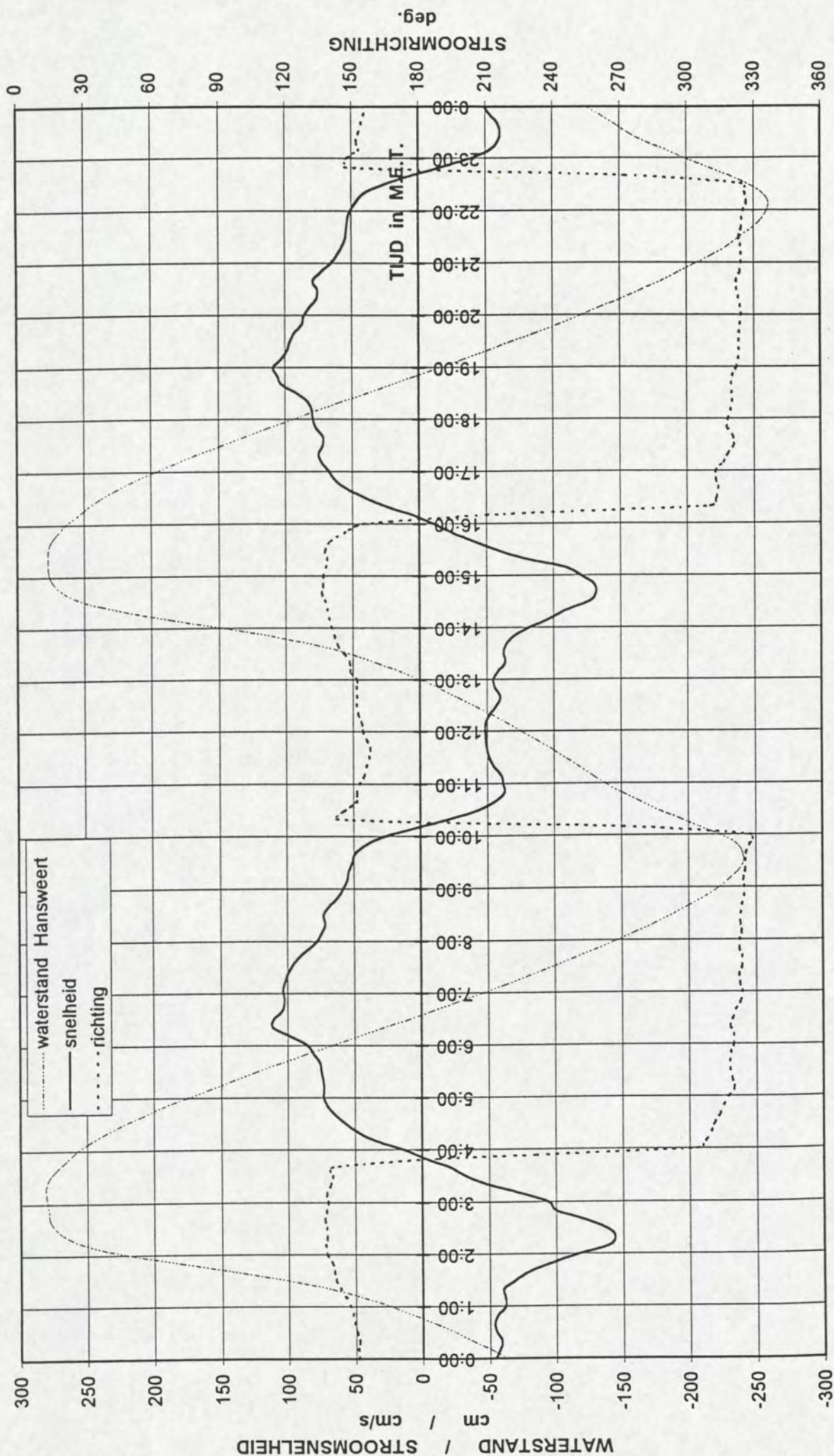
22 november 1999



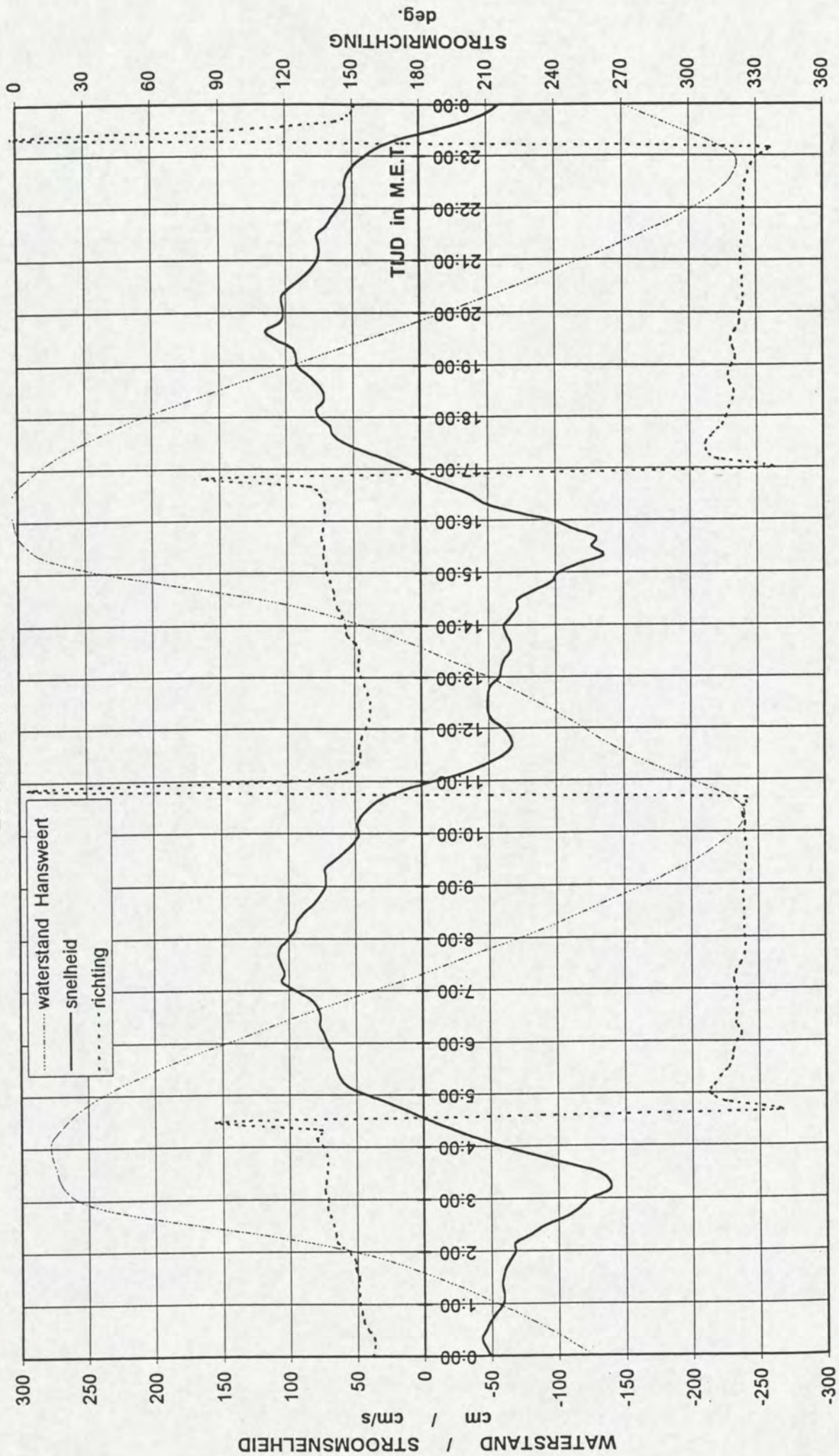
Raai 5A Schaar van Waarde mp. OSM 2
23 november 1999



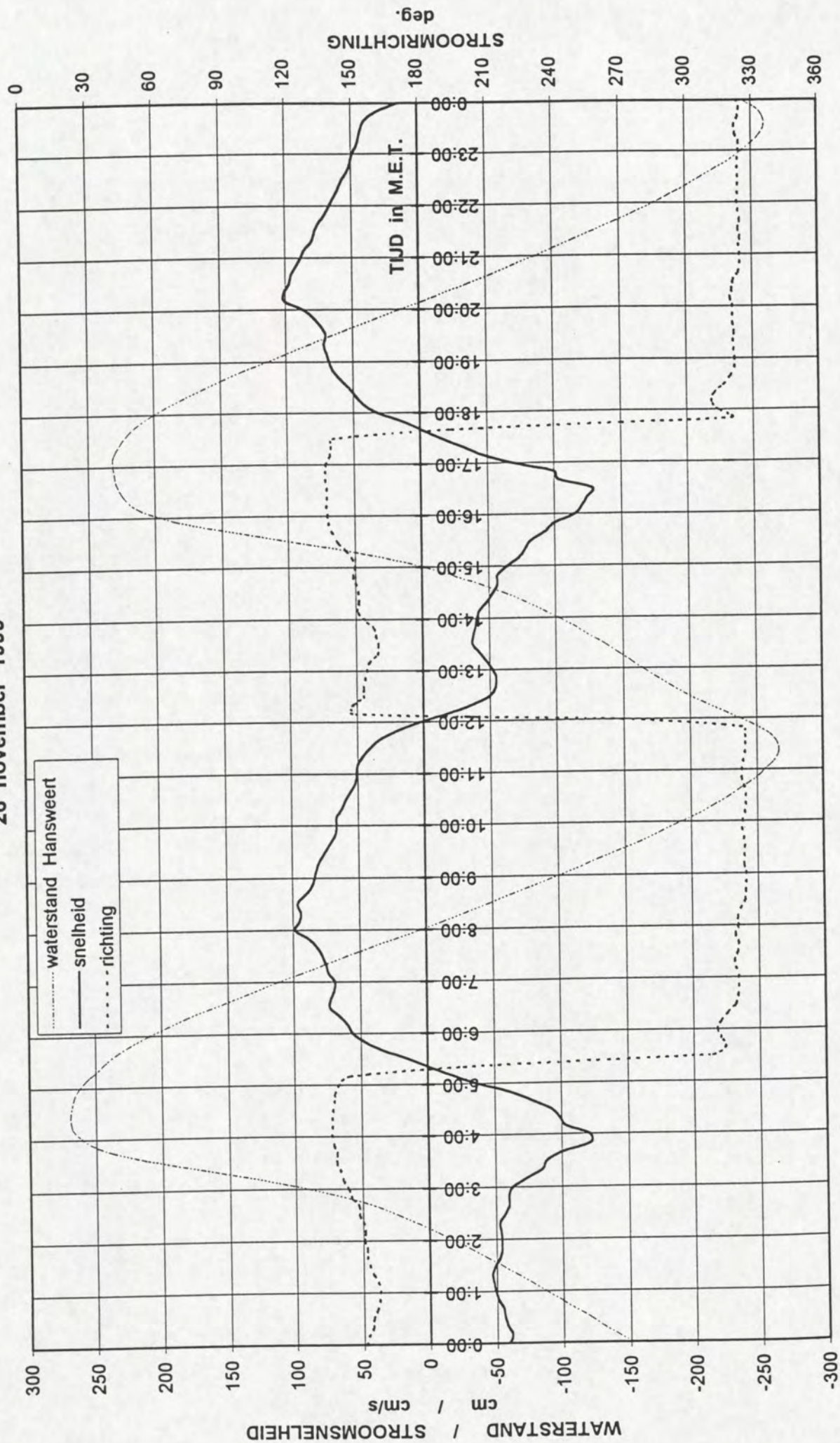
Raai 5A Schaar van Waarde mp. OSM 2
 24 november 1999



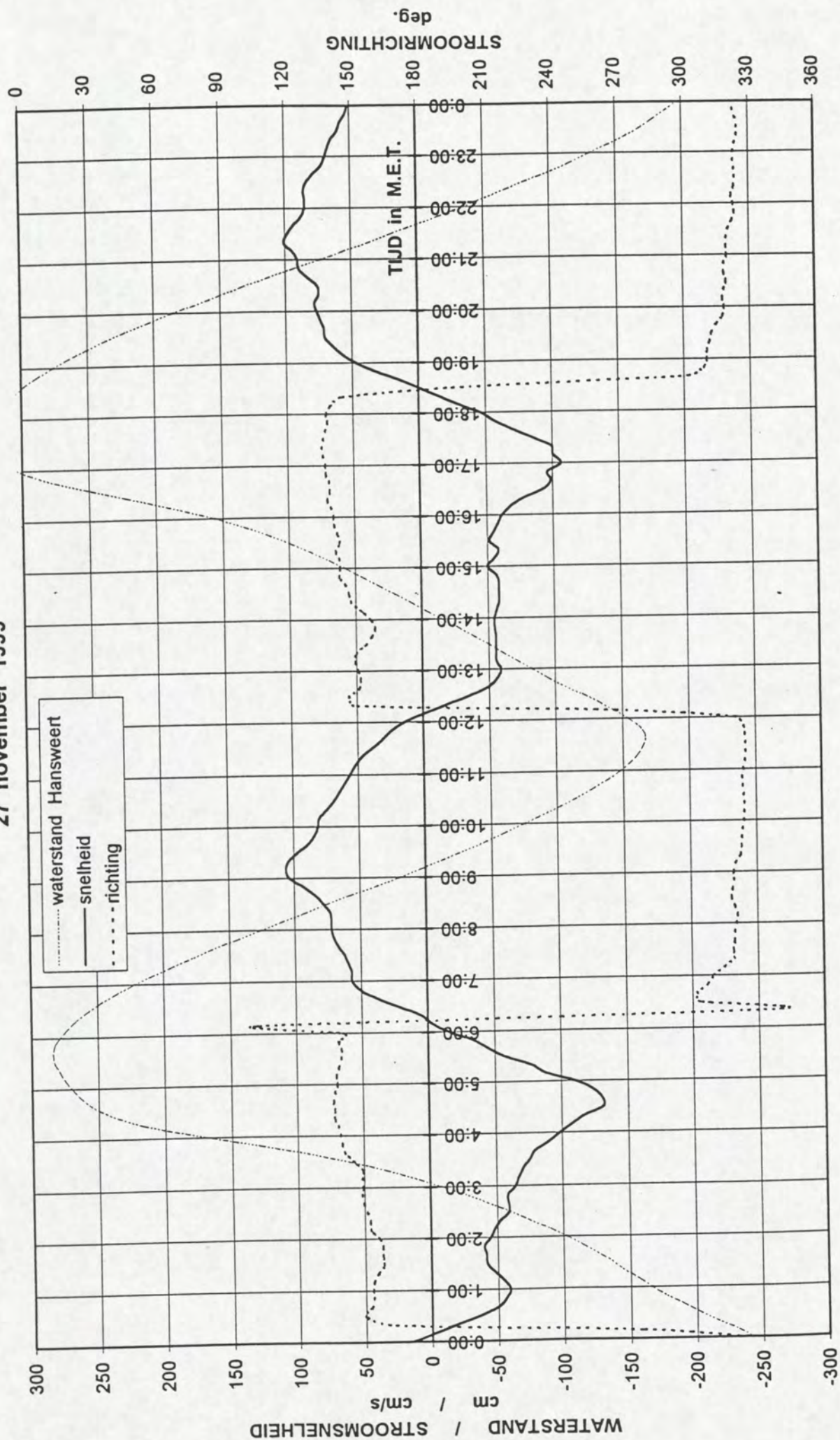
Raai 5A Schaar van Waarde mp. OSM 2
 25 november 1999



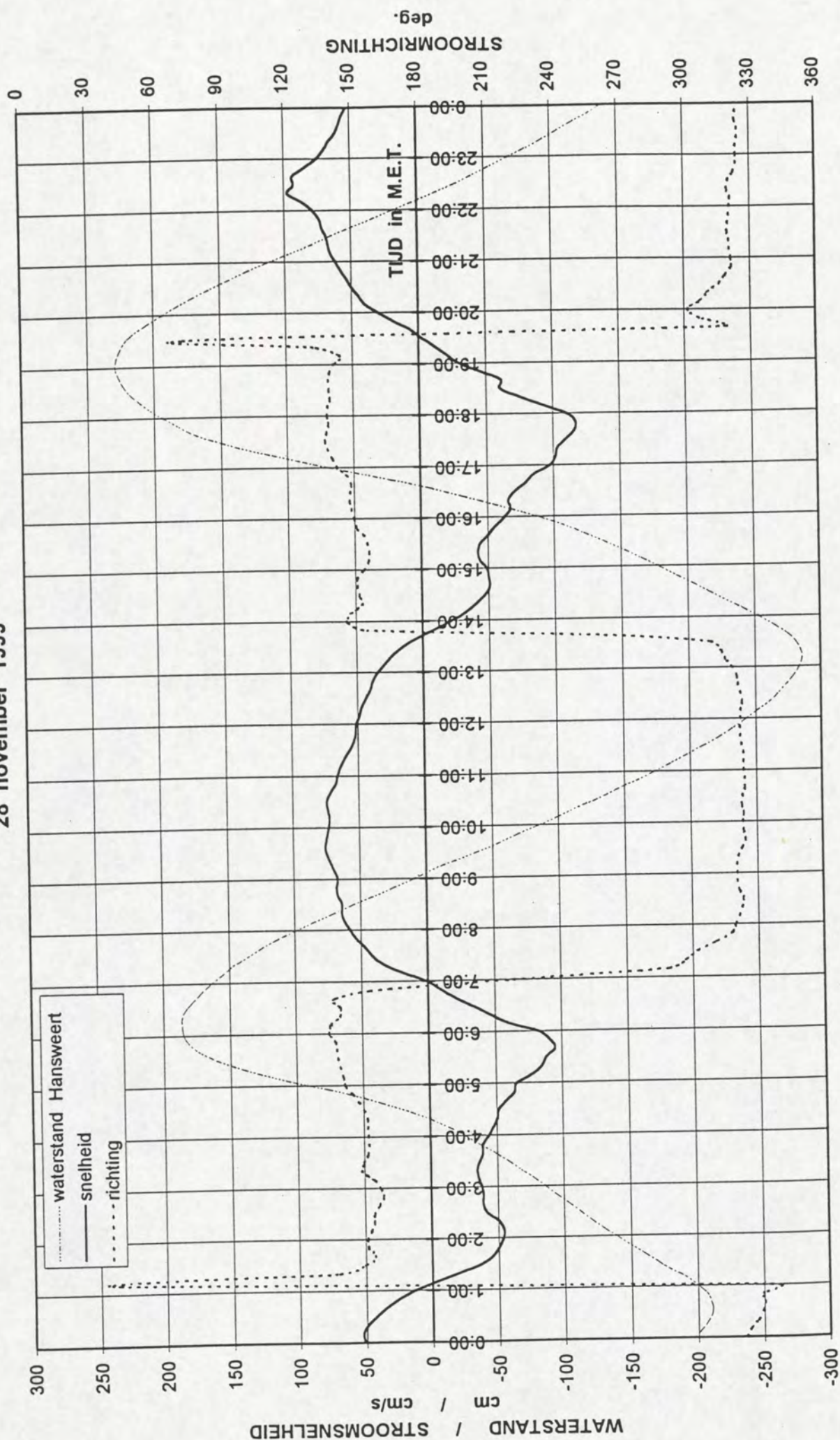
Raai 5A Schaar van Waarde mp. OSM 2
 26 november 1999

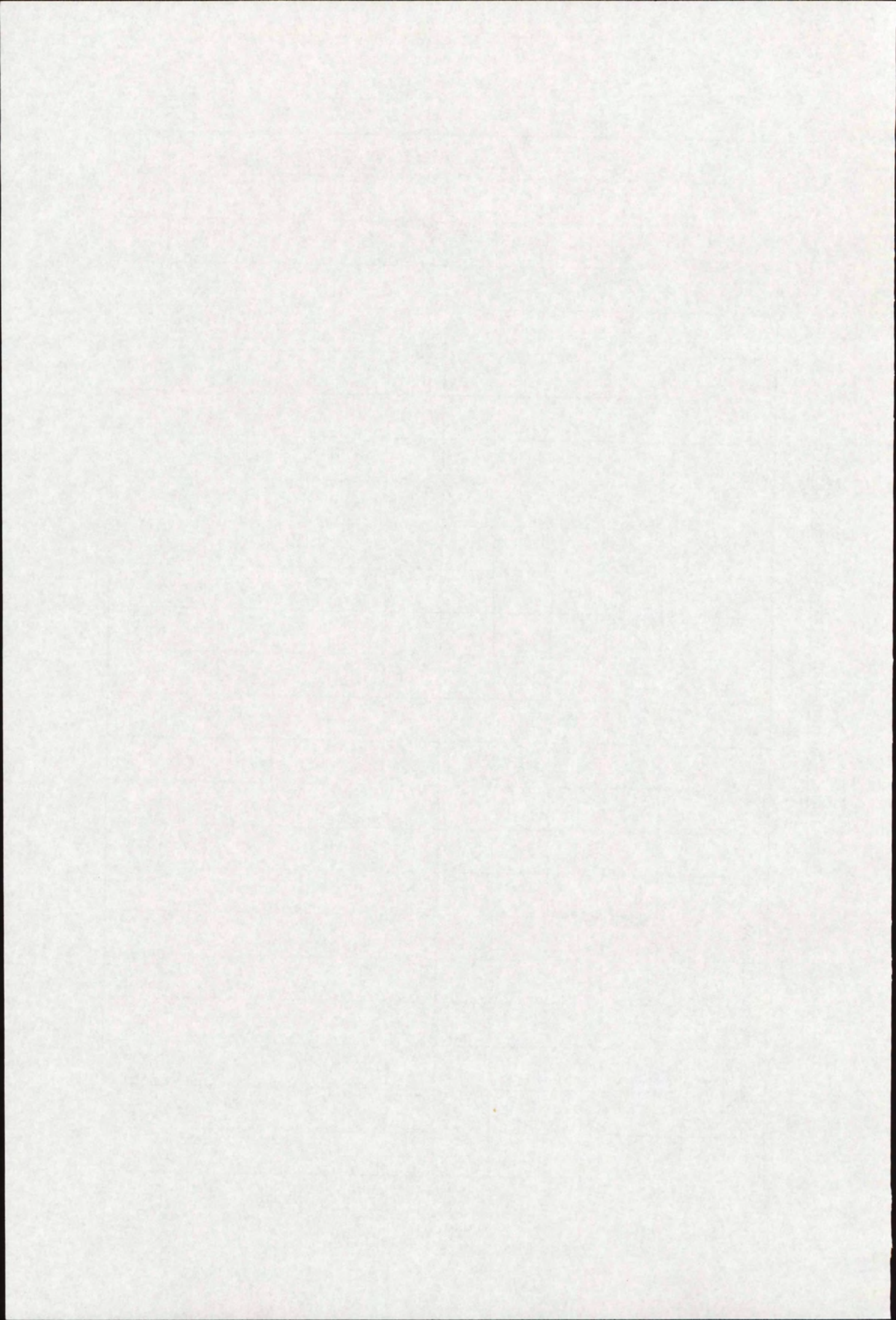


Raai 5A Schaar van Waarde mp. OSM 2
27 november 1999

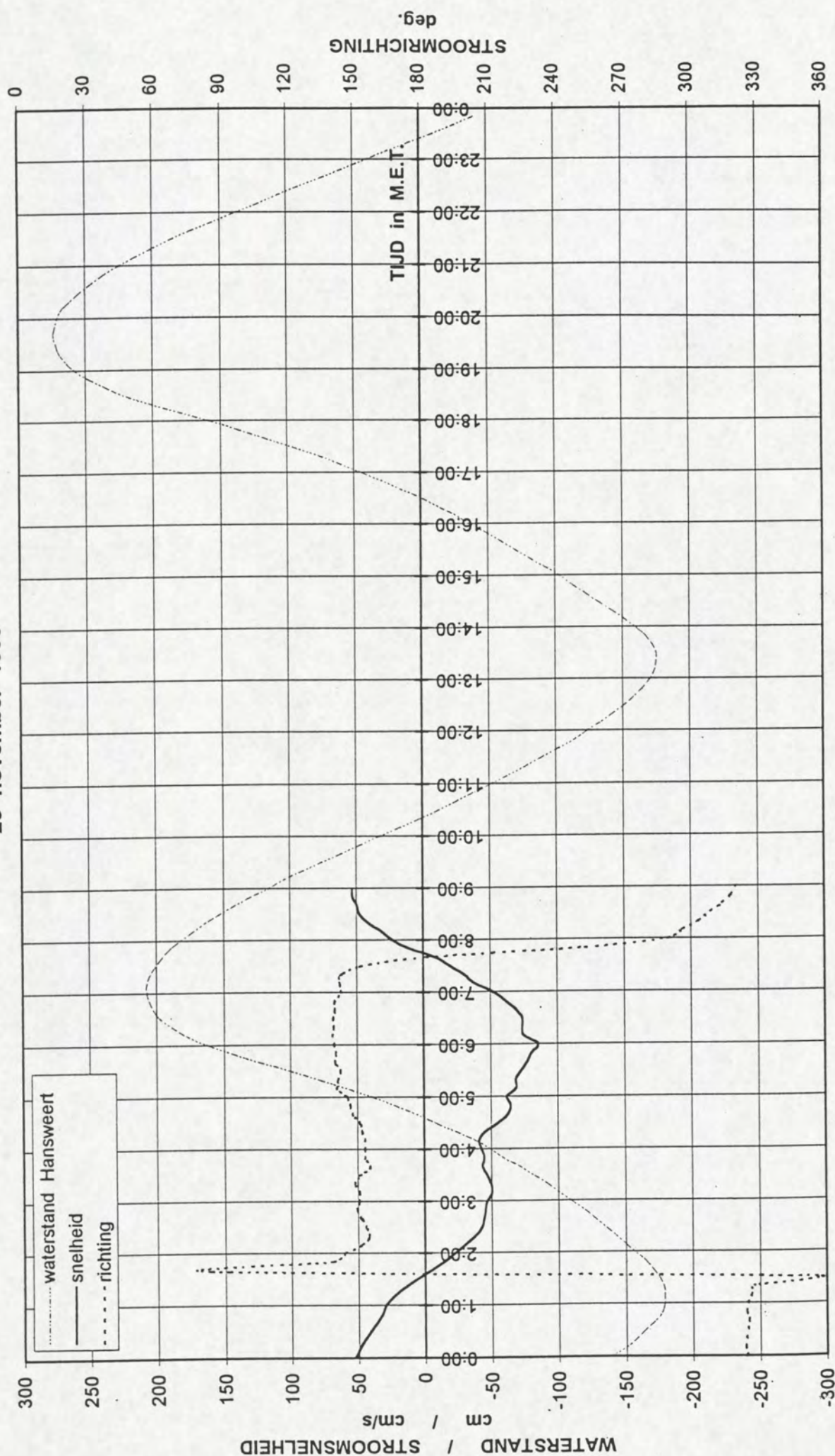


Raai 5A Schaar van Waarde mp. OSM 2
 28 november 1999





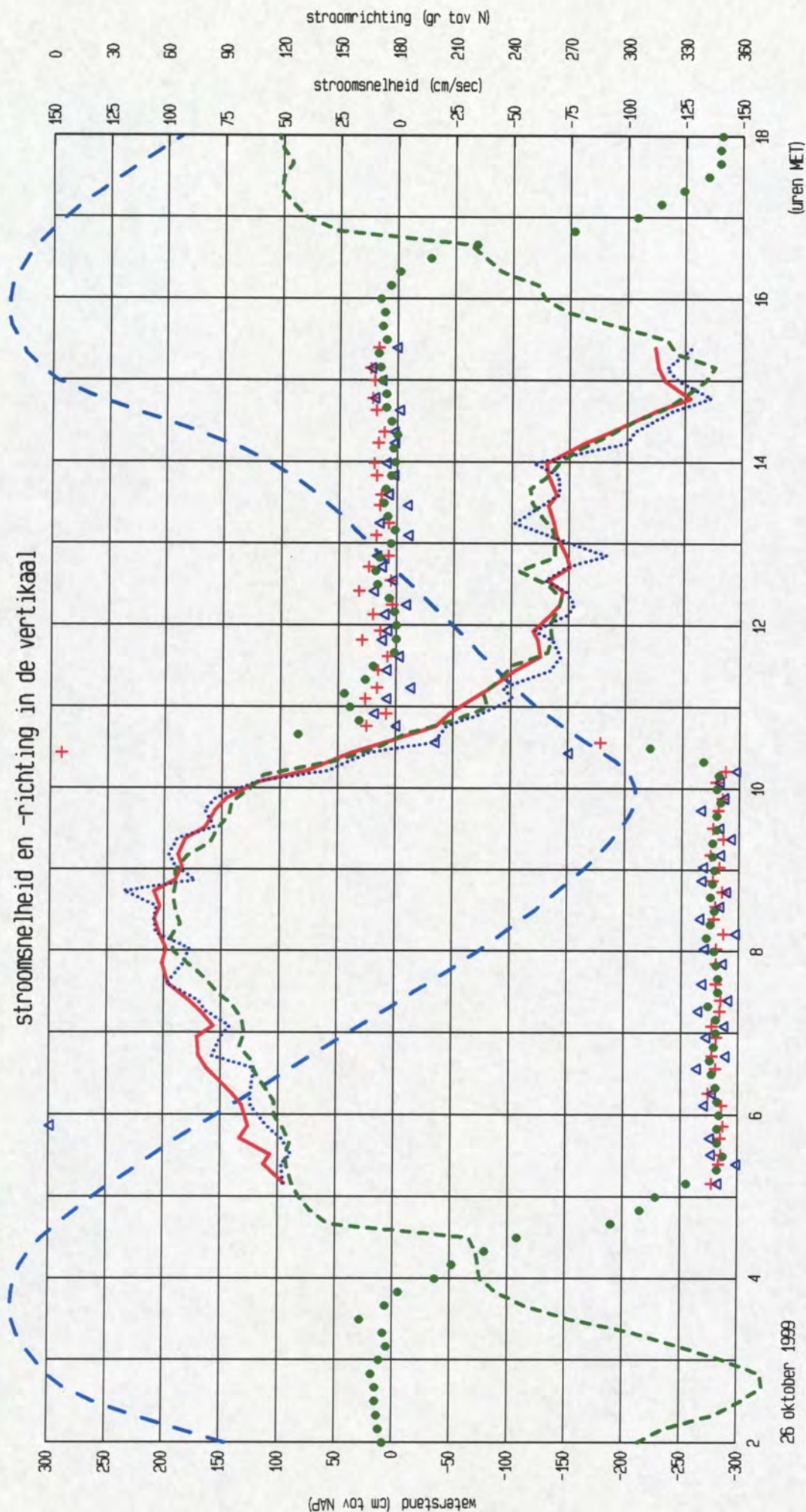
Raai 5A Schaar van Waarde mp. OSM 2
 29 november 1999



19. Controlemetingen

Zuidergat dd 26 oktober 1999

stroomsnelheid en -richting in de vertikaal

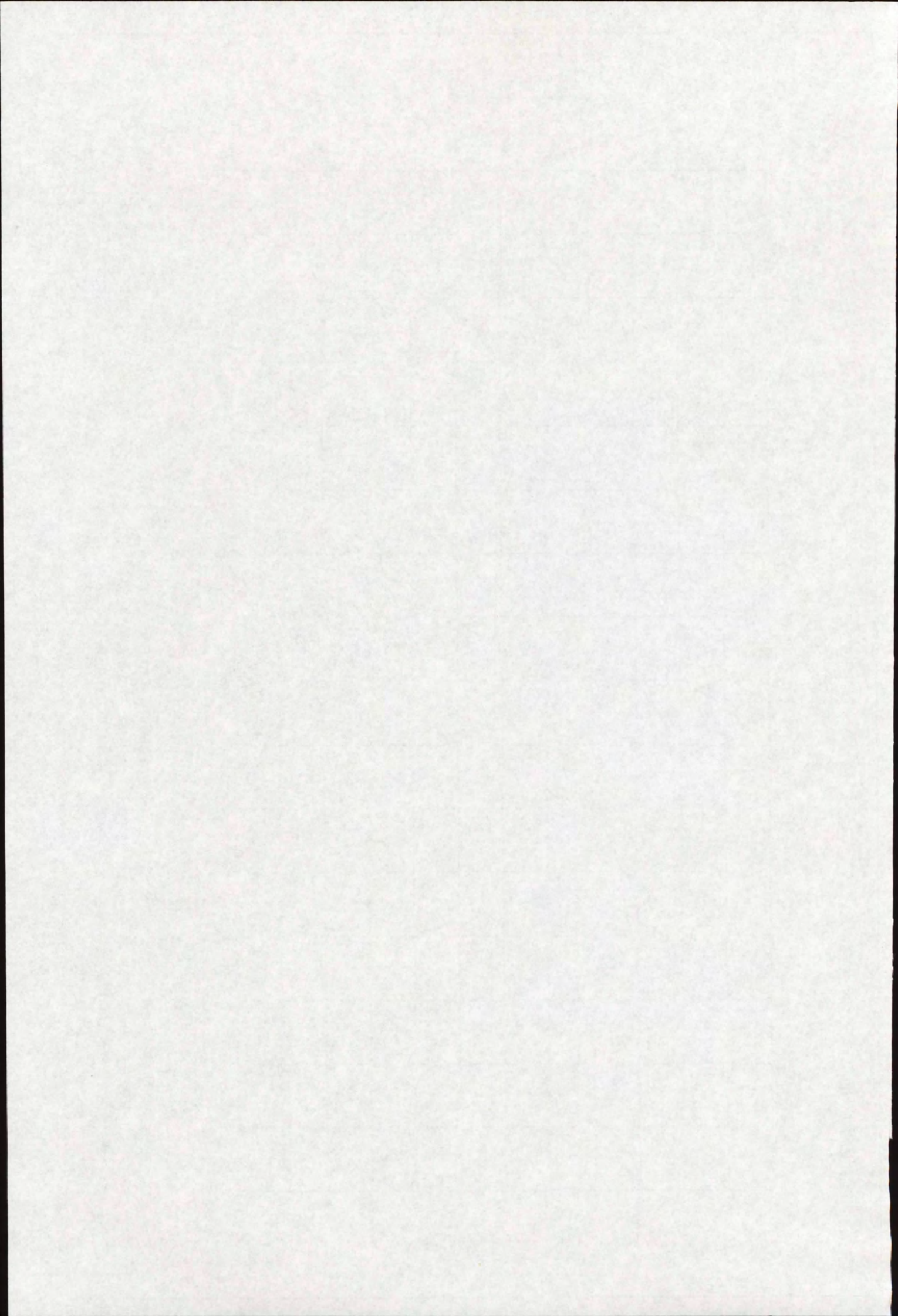


meetpunt : MP01
 positie : x = 61243
 y = 378876
 bodem : NAP - 12.27 m

+ + R gemiddeld mp MP01
 + + R bodem + 4.0 meter mp MP01
 + + LOKATIE OSM RICHTING

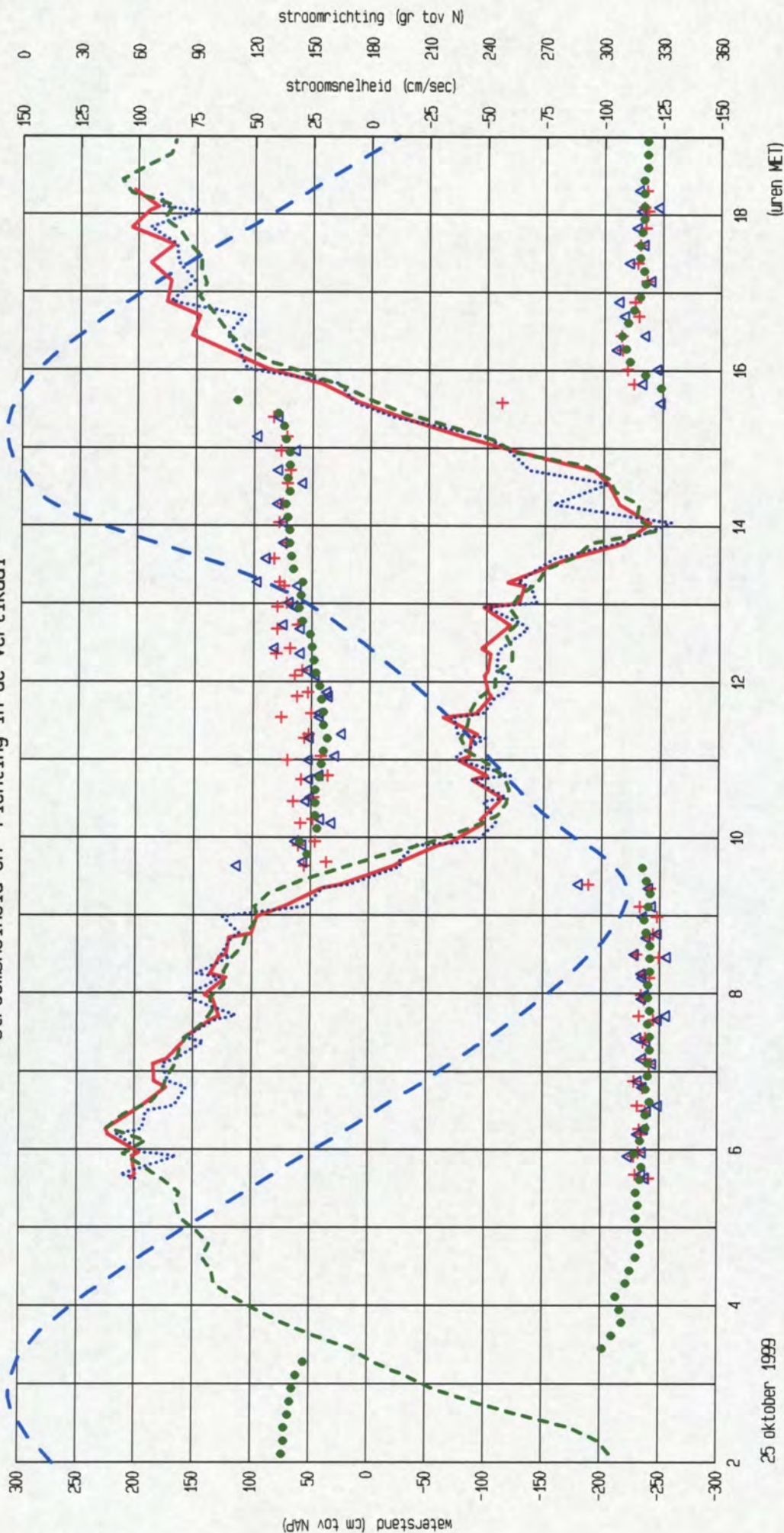
— V gemiddeld mp MP01
 V bodem + 4.0 meter mp MP01
 - - - LOKATIE OSM SNELHEID
 - - - waterstand (cm tov NAP)

26 oktober 1999



Schaar van Waarde dd 25 oktober 1999

stroomsnelheid en -richting in de vertikaal



- | | | |
|-----------------------------------|-------------------------------|-----------------------|
| — V gemiddeld mp MP02 | + R gemiddeld mp MP02 | meetpunt : MP02 |
| V bodem + 4.0 meter mp MP02 | △ R bodem + 4.0 meter mp MP02 | positie : x = 62831 |
| --- LOKATIE OSM SNELHEID | ● LOKATIE OSM RICHTING | y = 379852 |
| - - - waterstand (cm tov NAP) | | bodem : NAP - 10.21 m |

