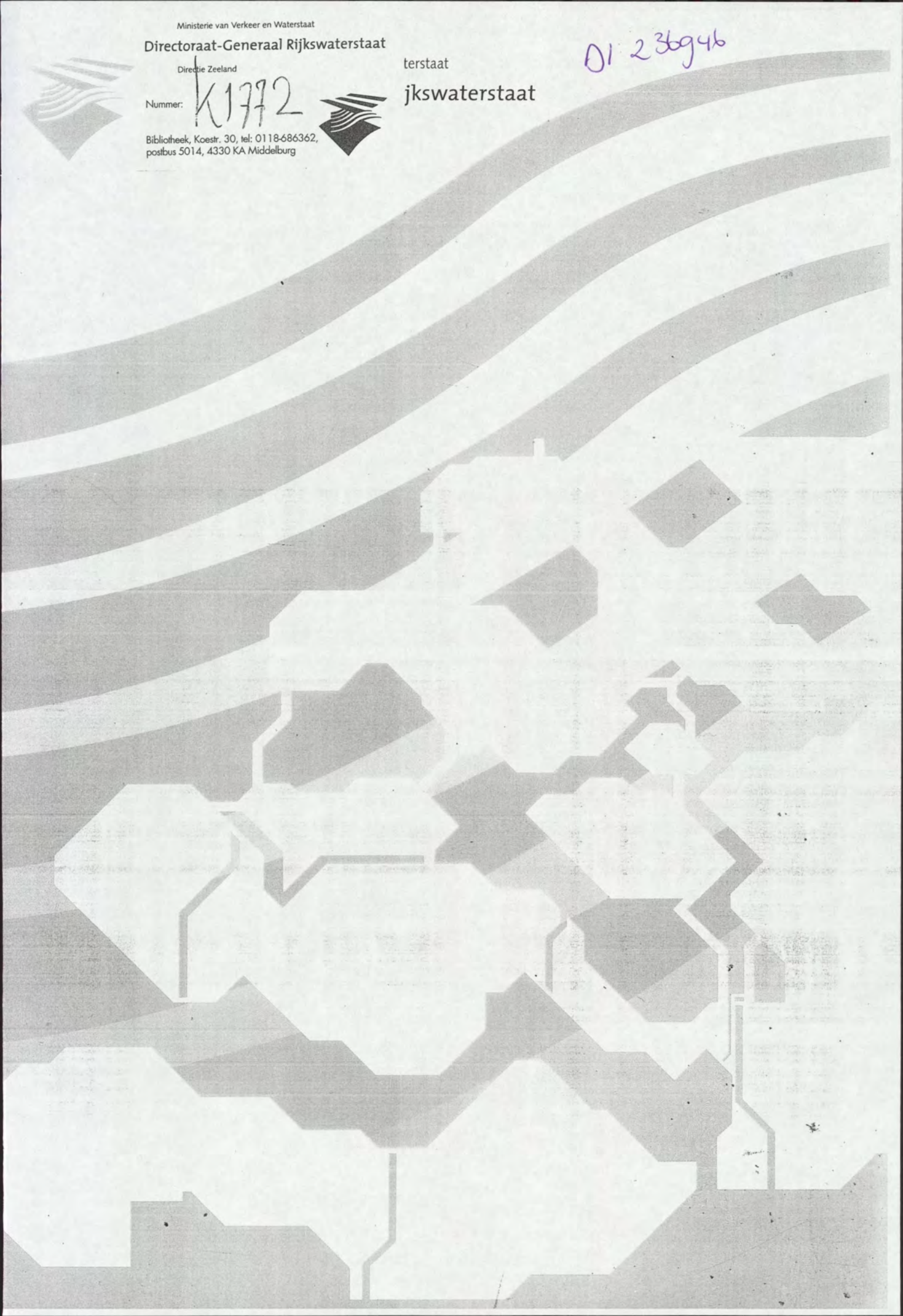


K1772

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



DI 236946



Notitie nr. ZLMD-99.N.014
Afdeling AXMH
Vlissingen, januari 2000

Notitie

Nummer: ZLMD-99.N.014

Onderwerp: Meetresultaten
Stroom- en Sedimentmeting
Raai 7
Pas van Terneuzen - Everingen

Datum: 11 en 12 augustus 1999

Code: 0415M9901

Datum: januari 2000

Auteur: Verwerking Hydrografie

Bijlagen: 19

1. ALGEMEEN

Ten behoeve van de Monitoring Verdieping Westerschelde (MOVEcode 66) werd op 11 en 12 augustus 1999 in de Westerschelde Raai-7 (Pas van Terneuzen - Everingen) wederom een sedimentmeting uitgevoerd. Tevens is in de periode 28 juni t/m 17 augustus 1999 met behulp van OSM's de stroomsnelheid en -richting gemeten.

Op 12 en 13 juli 1999 is met behulp van de ADCP (Acoustic Doppler Current Profiler) tevens het debiet in deze raai gemeten.

Voor de resultaten van de ADCP-metingen zie notitie ZLMD-99.N.014A.

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 12 augustus is er gemeten op de meetpunten 1 en 2 in de Pas van Terneuzen (deelraai - 1) en op 11 augustus op de meetpunten 3 en 4 in de Everingen (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	43725	374700	141 m	deelraai 1
mp. 2	43945	375180	669 m	deelraai 1
OSM 1	43900	375330	788 m	deelraai 1
mp. 3	45075	377750	3477 m	deelraai 2
mp. 4	45280	378200	3971 m	deelraai 2
OSM 2	44980	377660	3356 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 benedenstrooms 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 Terneuzen, (X = 45786, Y = 373070), lokatienummer 130 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 11 augustus heerste gedurende de gehele meting een noorden wind van 5 m/sec.

Op 12 augustus was de wind aanvankelijk west-zuidwest, 2 m/sec., geleidelijk toenemend tot 6 m/sec. en ruimend naar noord-noordoost.

De windsnelheid en -richting werd gemeten aan de meetopstelling Terneuzen (TNWS, RMI-lokatienr. 868) en staat samen met het vertikale getij van Terneuzen 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	Kt corr. fact. temperatuur	opmerkingen
1	26,3	21,0	0,88521	
2	26,3	21,0	0,88521	
3	25,9	21,2	0,88442	
4	25,9	21,2	0,88442	

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).

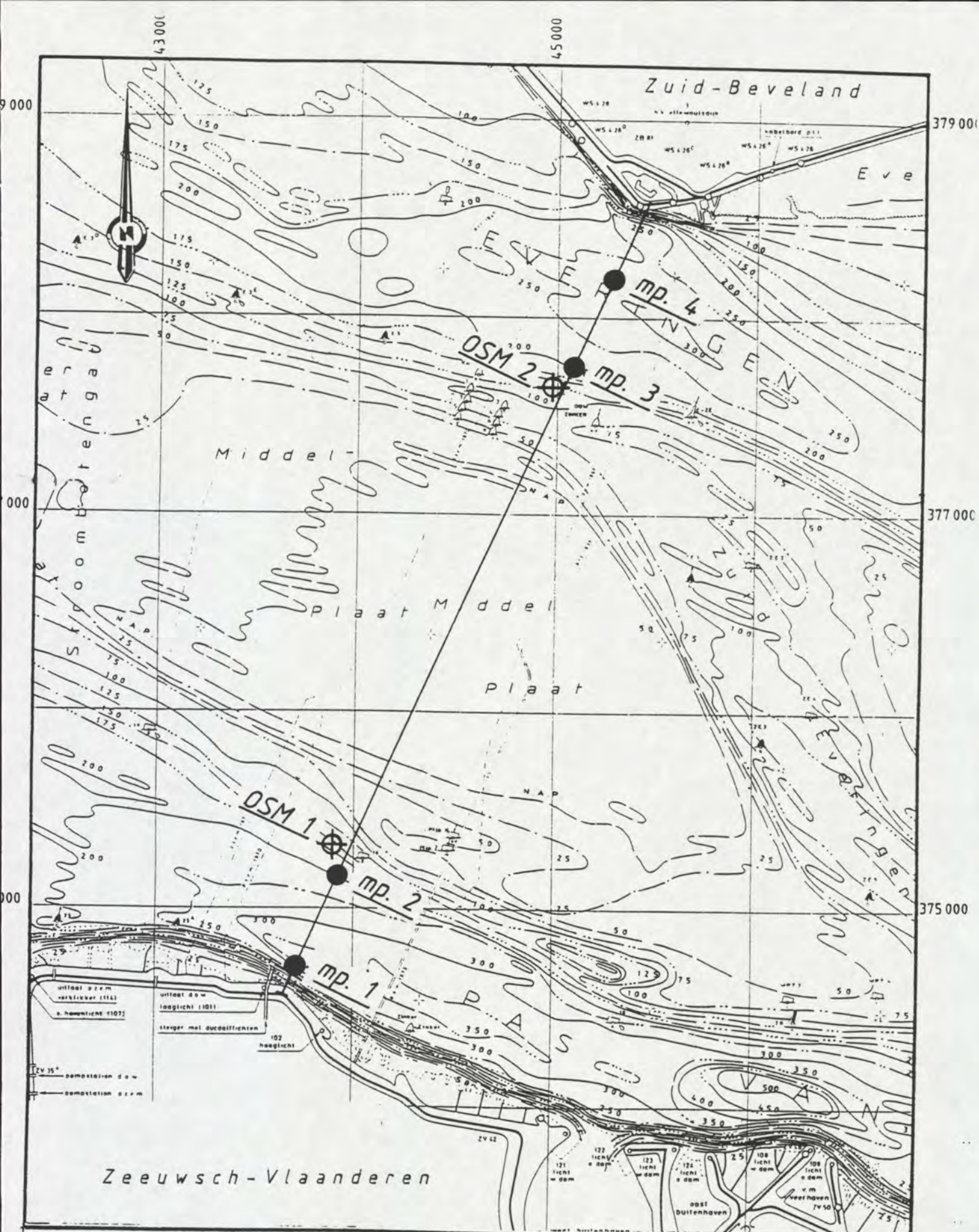
*** Stroommeting (OSM)**

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

gel.

bijl. 1

gec.

code 0415M9901

Situatie Debietraai 7

Sedimentmeting: 11 en 12 augustus 1999

Stroommeting: 28 juni t/m 17 augustus 1999

gez.

schaal 1:25.000

akk.

nr.

DEBIETRAAI 7

0415M9901

eindpunt

45448.008
378580.969

Everingen

Deelraai - 2

tr 250
23.9070 deg. 4387.410 meters

Pas van Terneuzen

Deelraai - 1

43441.44
374671.31

AS pr

43670.00
374570.00

nulpunt

tr 0

43898.55
374468.68



afstand in meters t.o.v. het nulpunt

1500

1000

500

0

n.a.p.

25

50

75

100

125

150

175

200

225

250

275

300

325

350

375

diepte in dm. t.o.v. n.a.p.

mp. 2 (Kaloo)

mp. 1 (Sierix)

OSM 1

DOORSTROOMOPPERVLAK N.A.P. = 22.945 m²

rijkswaterstaat
directie zeeland - meeldienst zeeland

Debietraai - 7

Deelraai - 1 Pas van Terneuzen

bijl 3a

code 0415M99.01

schaal 1 : 10.000 / 250

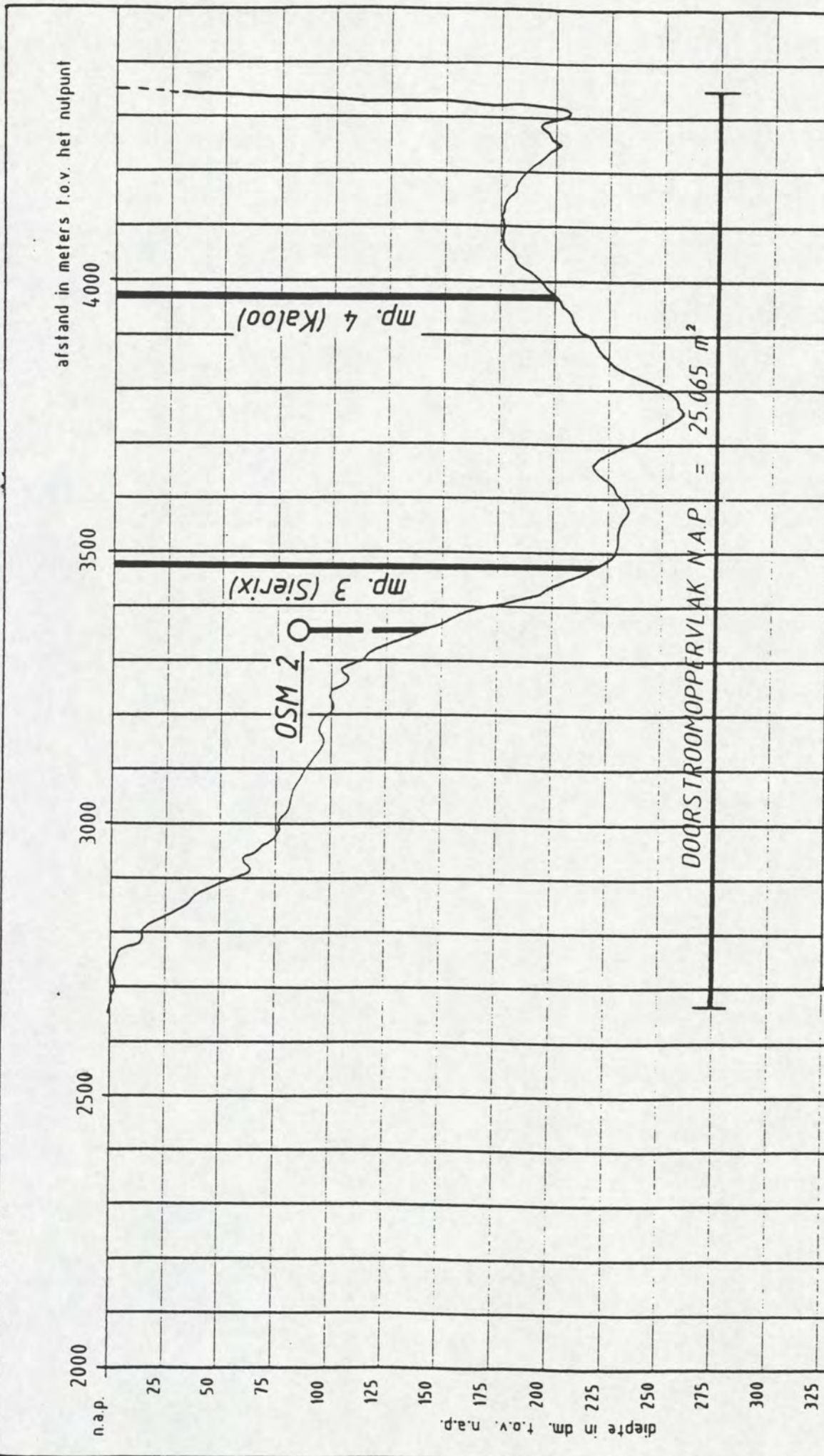
nr.

gel

gec

gez

akk



rijkswaterstaat		bijl. 3b	
directie zeeland - meetdienst zeeland		gel.	
Debietraai - 7		gec.	code 0415M99.01
		gez.	schaal 1 : 10.000 / 250
		akk.	nr.
Deelraai - 2 Everingen			

MEETRAAI: 7

12-08-1999

mp. 1 Sierix AZTM
MEX

mp. 2 Kaloo AZTM
MEX

11-08-1999

mp. 3 Sierix AZTM
MEX

mp. 4 Kaloo AZTM
MEX

19 m.e.f.

18

17

16

15

14

13

12

11

10

9

8

7

6

17 aug. 1999

14

11

8

5

2 aug.

30 juli

27 juli

15 juli

12

9

6

3 juli

30 juni

mp unit OSM ketel

1. 12580 110 10

2. 12566 116 16

storingen

controlemeting

rijkswaterstaat
directie zeeland - meetdienst

OVERZICHT METINGEN d.d:
28 juni t/m 17 augustus 1999

bijl. 4

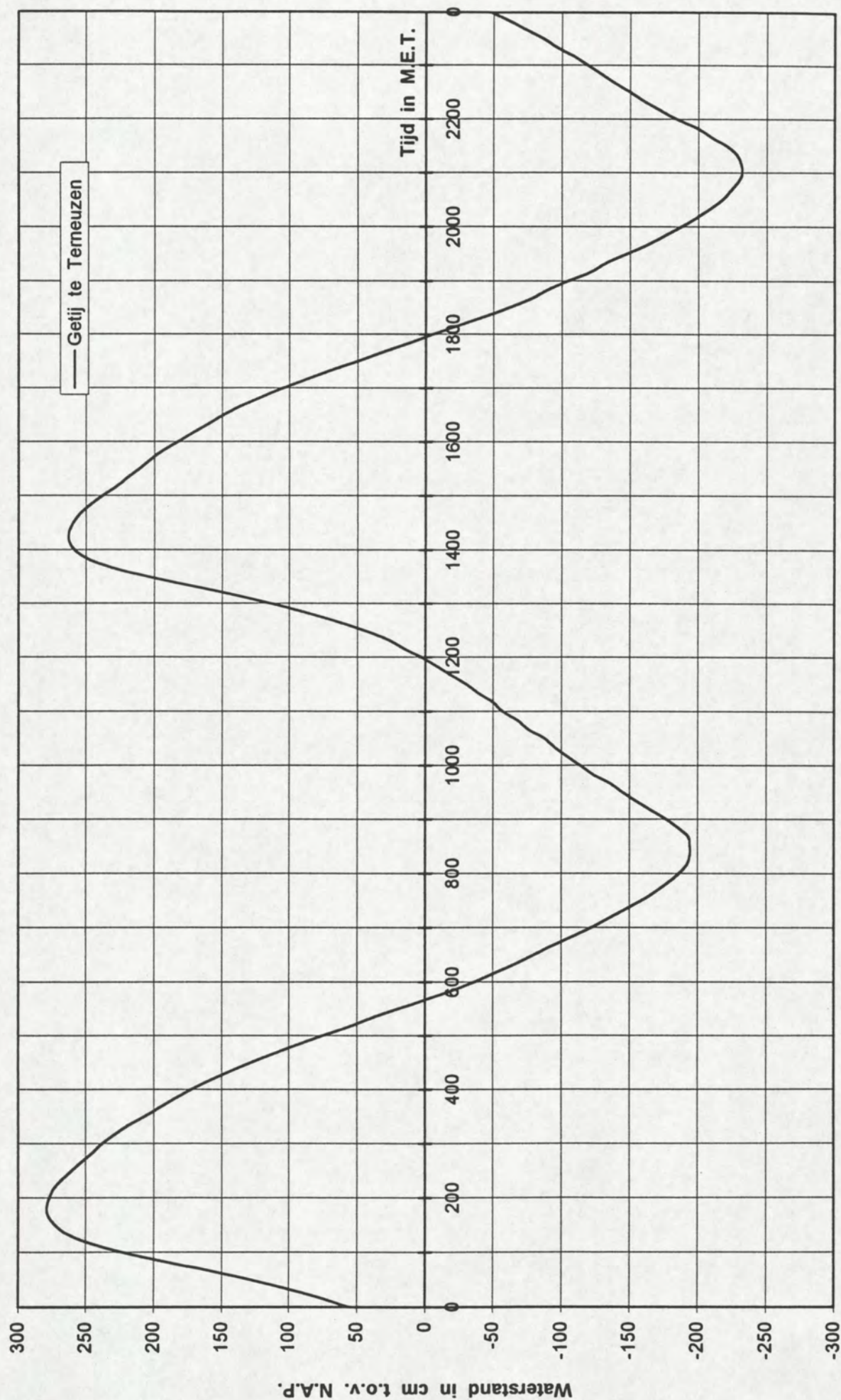
code 0415M9901

schaal

nr.

5. Opgetreden getij

Opgetreden getij te Terneuzen op 11 augustus 1999



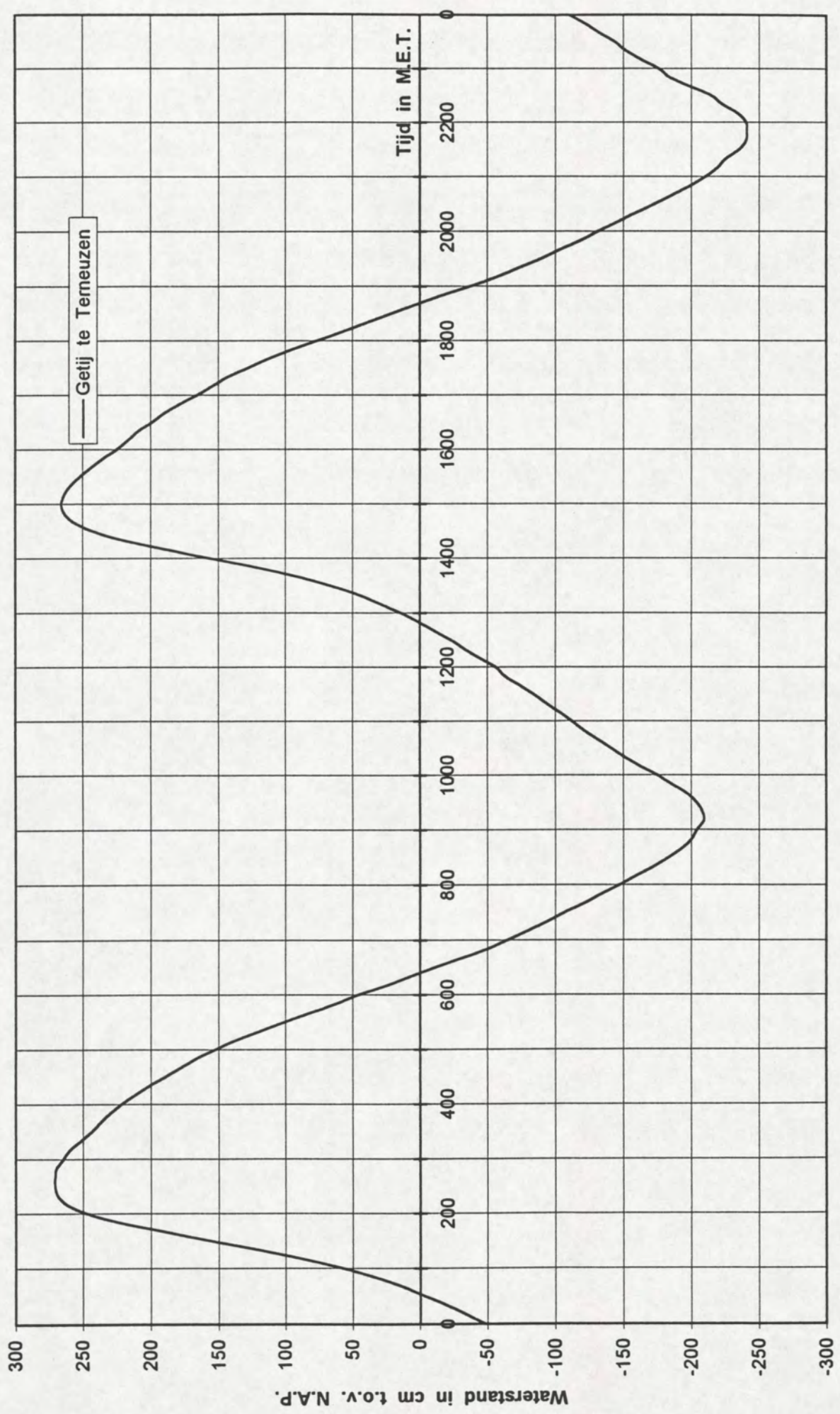
Hydro
Meteo
Centrum
Zeeland

van: wo 11-aug-1999
tot: wo 11-aug-1999
blad: 1 van 1

wo 11-aug-1999
TERN WTr2 1[cm/NAP]
gevalideerde waterstand RMI

MET	:00	:10	:20	:30	:40	:50
0:00	56	77	102	130	161	193
1:00	223	247	264	273	278	279
2:00	277	274	268	261	253	245
3:00	238	229	219	207	196	185
4:00	173	160	145	129	112	94
5:00	76	56	39	20	1	-19
6:00	-36	-51	-66	-80	-93	-108
7:00	-122	-134	-146	-158	-169	-178
8:00	-186	-192	-194	-194	-193	-186
9:00	-177	-166	-155	-145	-136	-123
10:00	-114	-104	-95	-88	-76	-68
11:00	-57	-50	-39	-30	-19	-8
12:00	3	16	28	45	65	88
13:00	114	143	175	206	231	249
14:00	259	263	263	260	255	247
15:00	238	228	220	211	203	194
16:00	183	172	160	149	136	121
17:00	105	87	69	50	32	13
18:00	-5	-24	-43	-60	-77	-89
19:00	-104	-121	-132	-147	-162	-175
20:00	-187	-198	-208	-217	-223	-229
21:00	-232	-231	-228	-220	-209	-199
22:00	-184	-172	-160	-150	-139	-129
23:00	-119	-109	-97	-87	-74	-62

Opgetreden getij te Terneuzen op 12 augustus 1999



Hydro
Meteo
Centrum
Zeeland

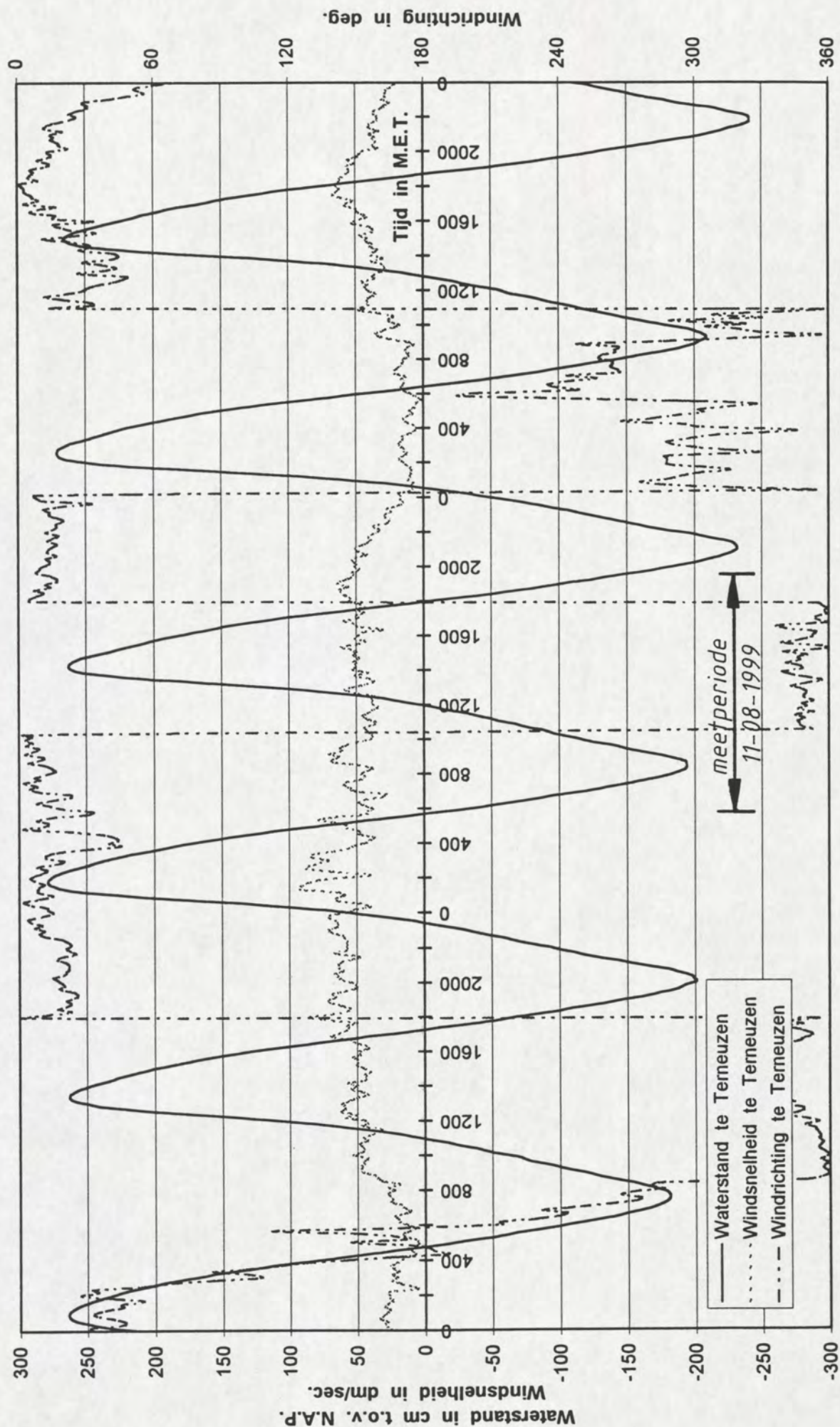
van: do 12-aug-1999
tot: do 12-aug-1999
blad: 1 van 1

do 12-aug-1999
TERN WTr2 1[cm/NAP]
gevalideerde waterstand RMI

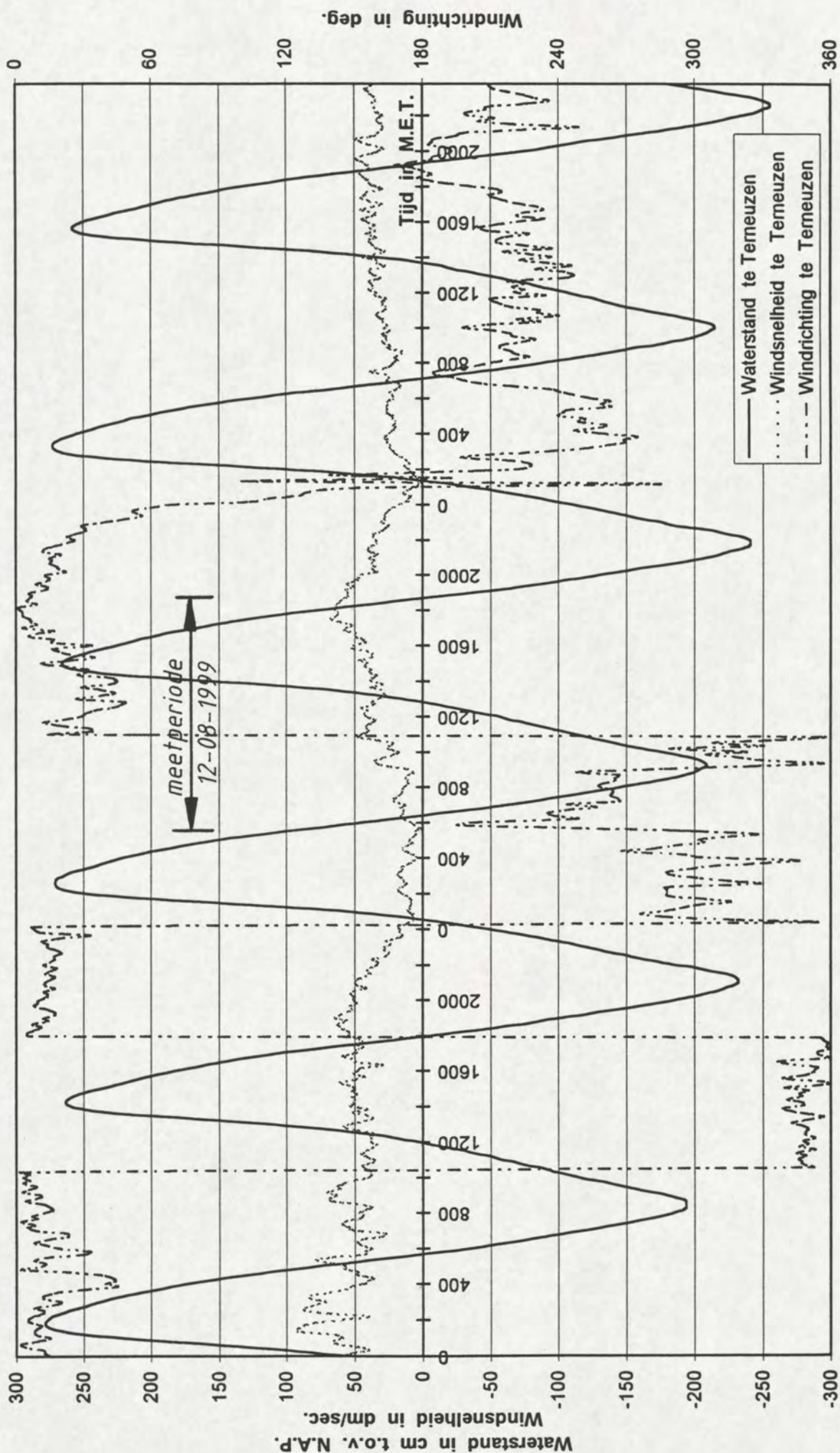
MET	:00	:10	:20	:30	:40	:50
0:00	-48	-34	-20	-4	13	33
1:00	57	86	119	155	190	223
2:00	247	262	269	271	271	270
3:00	265	260	252	244	237	230
4:00	222	212	202	190	179	167
5:00	153	138	120	102	83	63
6:00	46	26	8	-10	-29	-49
7:00	-64	-79	-93	-106	-120	-133
8:00	-147	-159	-172	-183	-193	-200
9:00	-204	-209	-208	-204	-197	-186
10:00	-175	-162	-151	-141	-131	-121
11:00	-112	-103	-93	-84	-74	-63
12:00	-56	-44	-33	-23	-11	1
13:00	14	30	46	67	92	122
14:00	156	190	221	243	257	264
15:00	266	264	259	252	244	235
16:00	225	217	209	199	190	179
17:00	166	155	143	128	113	96
18:00	77	58	39	21	3	-16
19:00	-37	-56	-73	-89	-103	-118
20:00	-131	-145	-158	-173	-186	-199
21:00	-210	-219	-225	-235	-240	-241
22:00	-240	-234	-223	-214	-199	-184
23:00	-176	-163	-152	-143	-132	-122

6. Wind- en getijgegevens

Getij en Wind gegevens van 10 t/m 12 augustus 1999

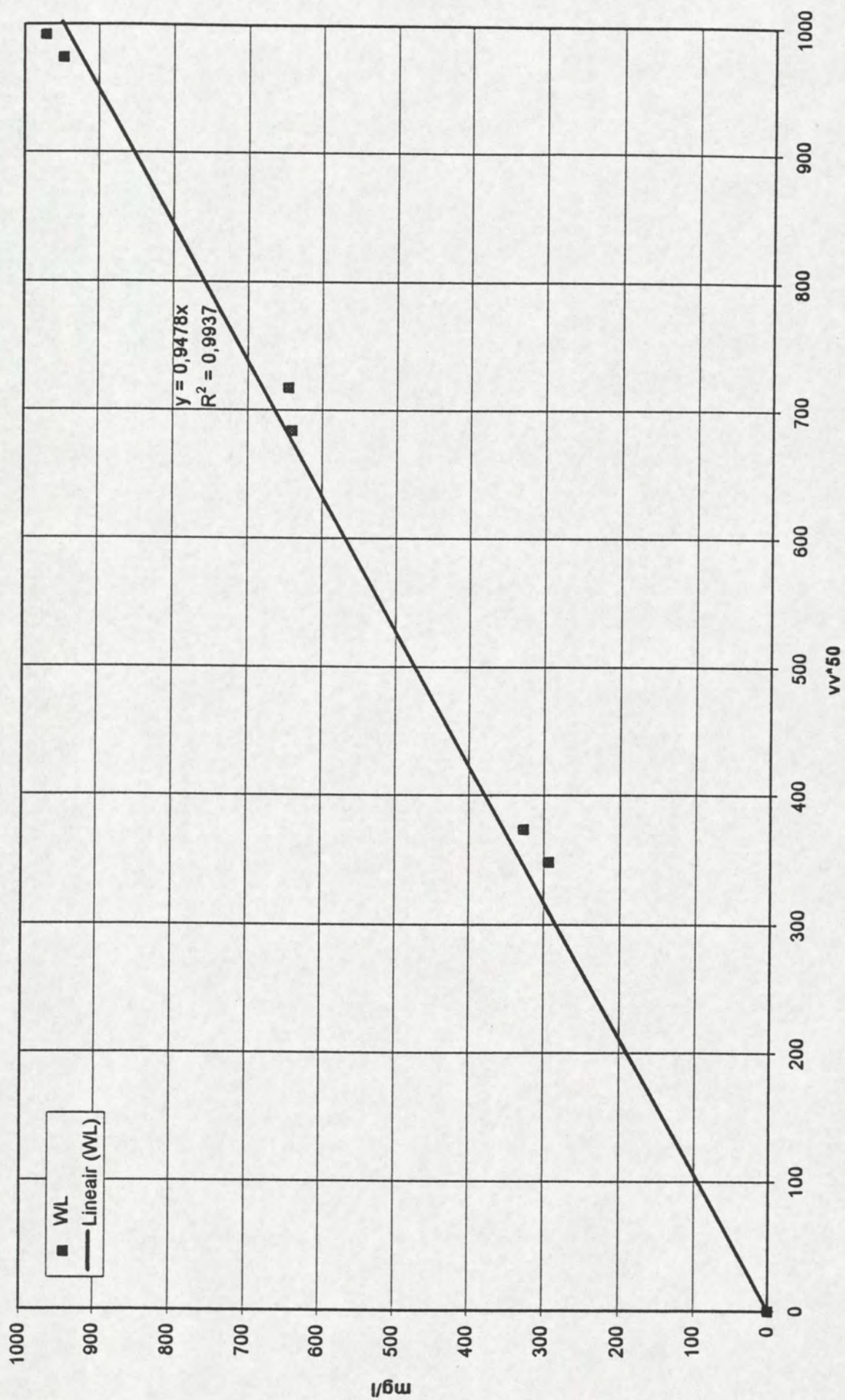


Getij en Wind gegevens van 11 t/m 13 augustus 1999

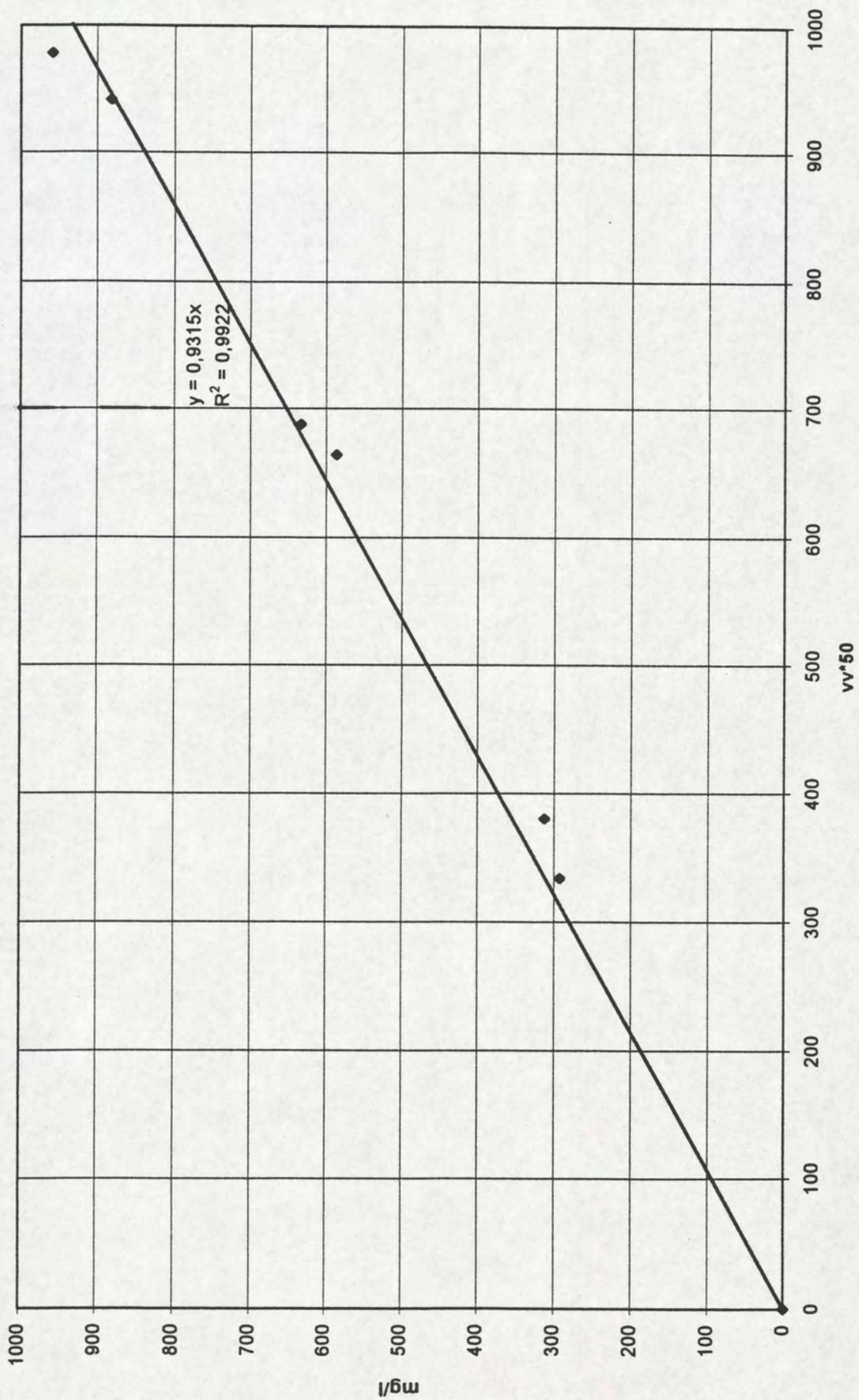


7. IJklijnen AZTM

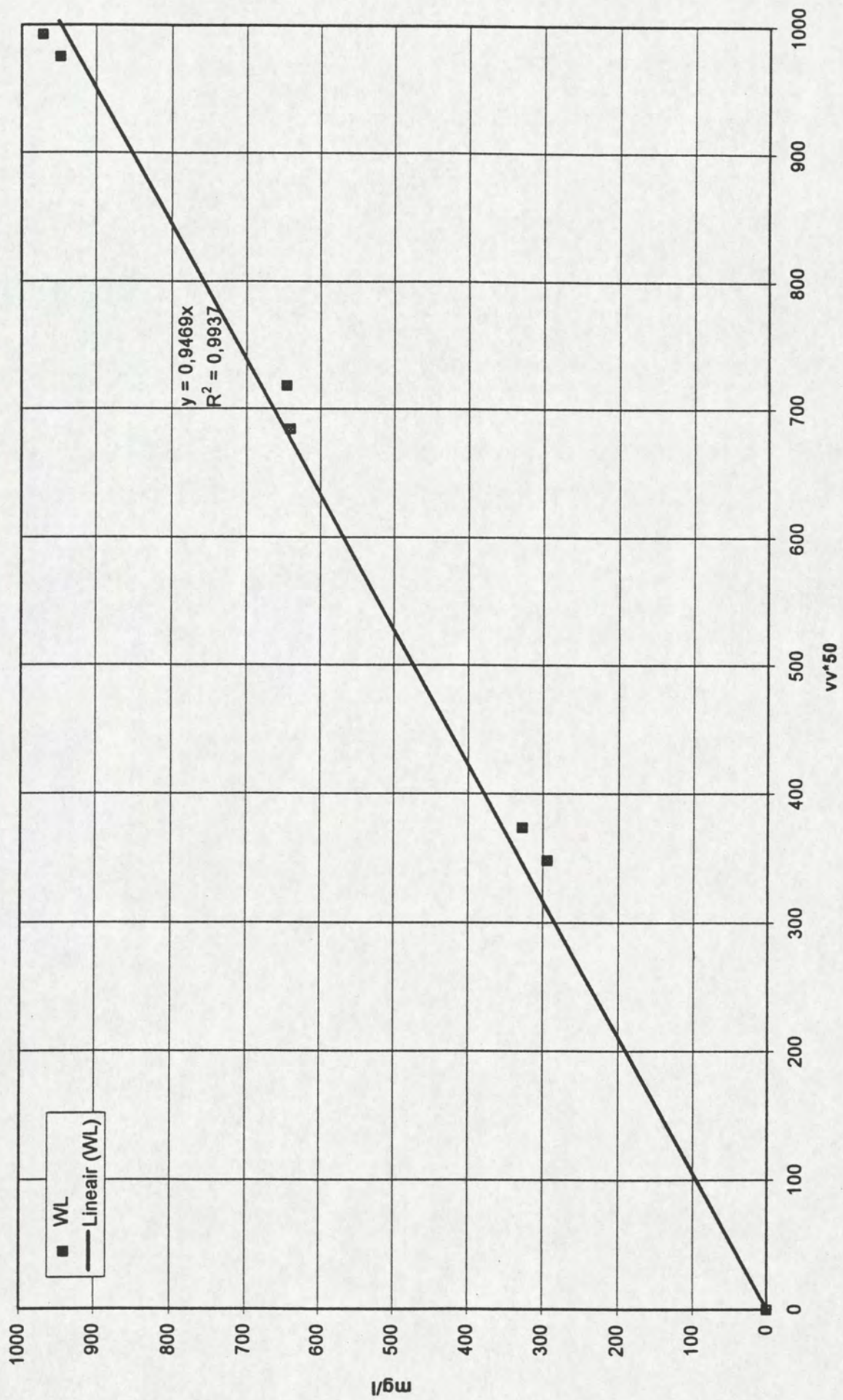
Sierix 12 augustus 1999
raai 7 meetpunt 1
AZTM-nr. 007



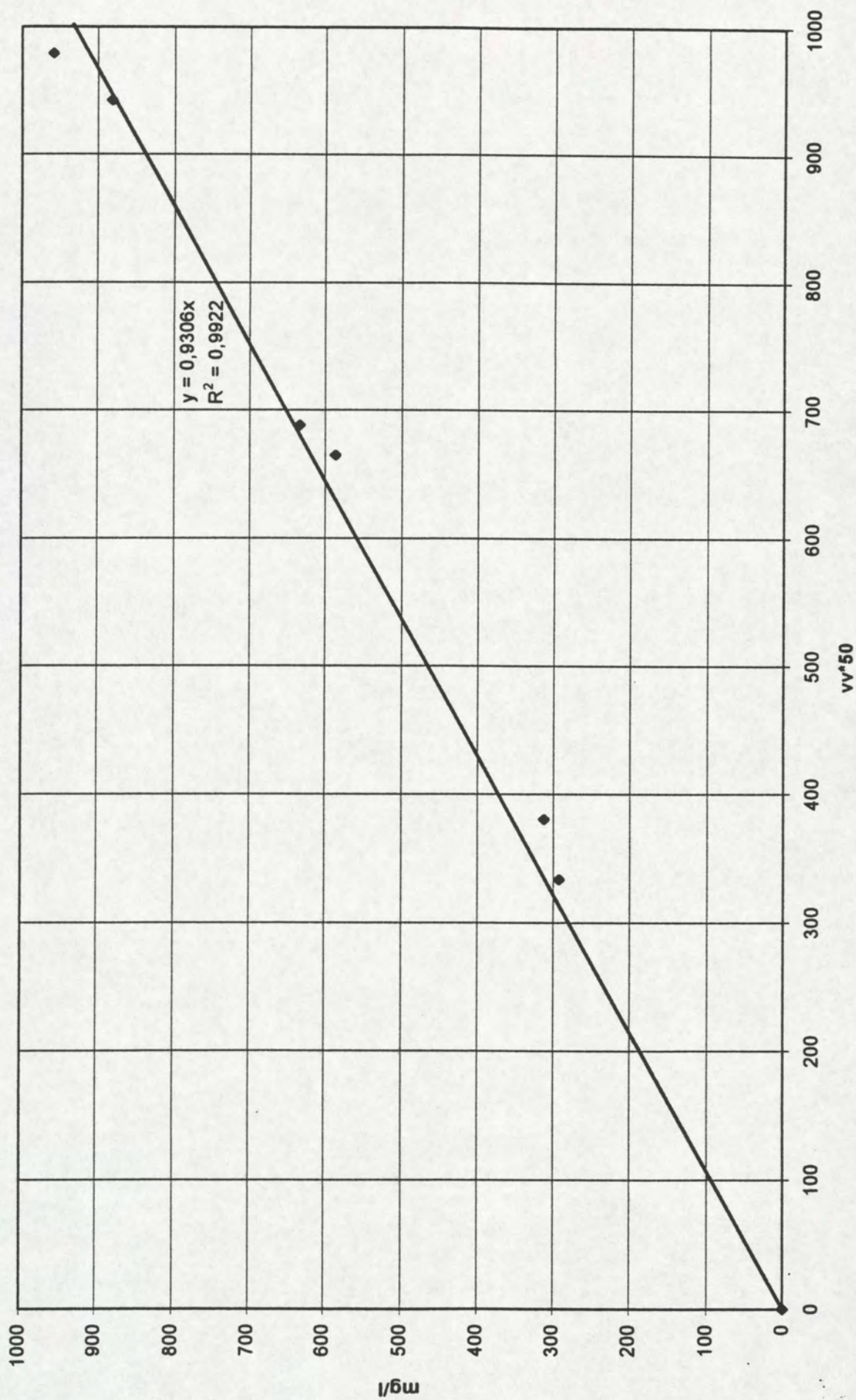
Kaloo 12 augustus 1999
raai 7 meetpunt 2
AZTM-nr. 005



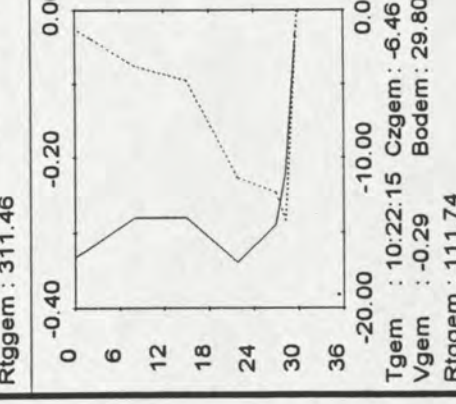
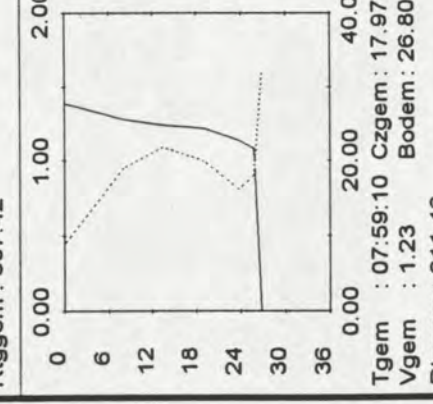
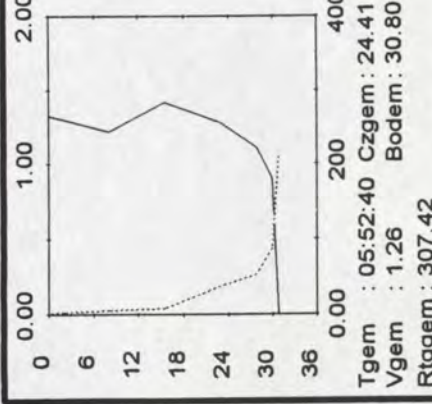
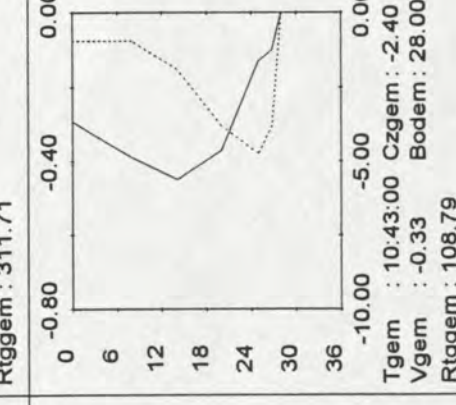
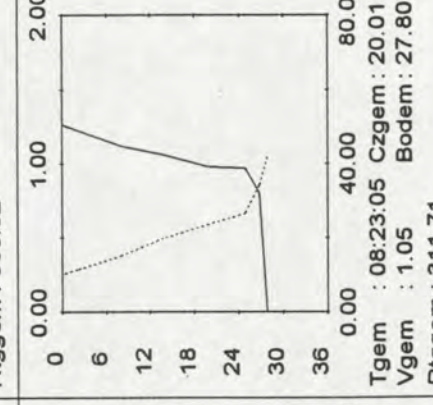
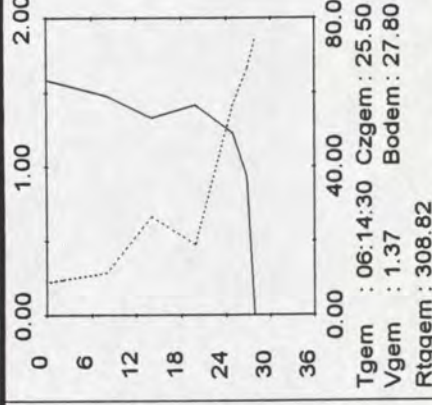
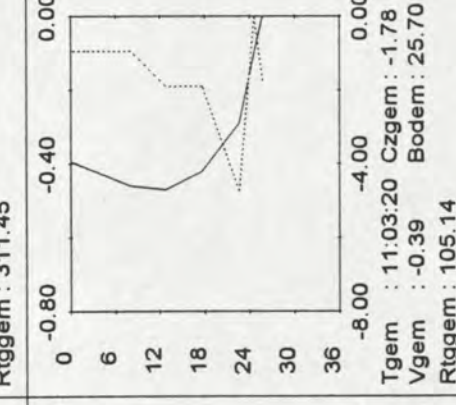
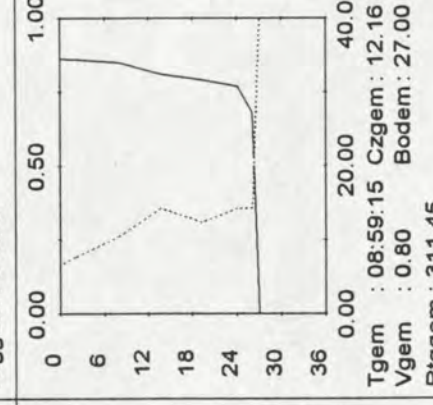
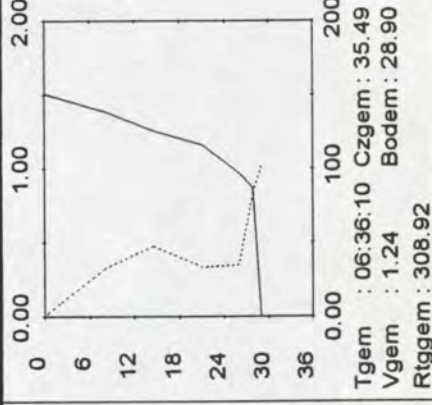
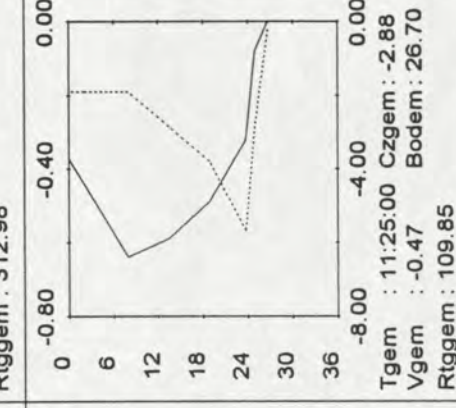
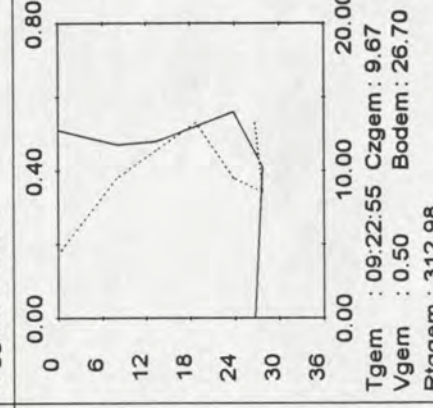
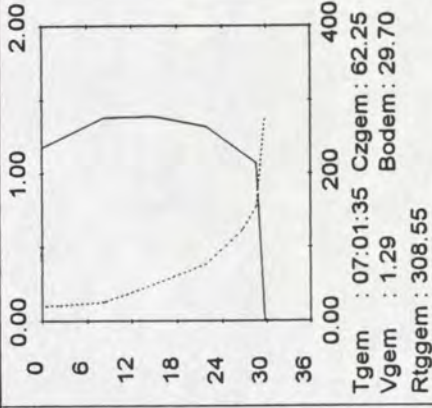
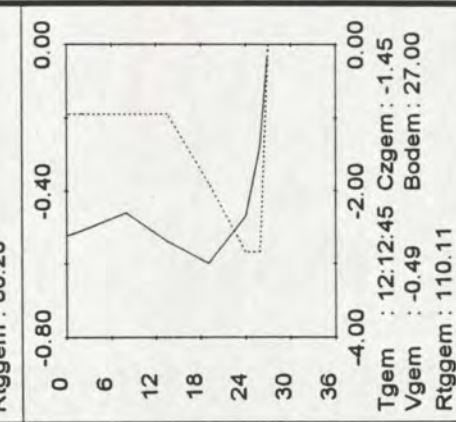
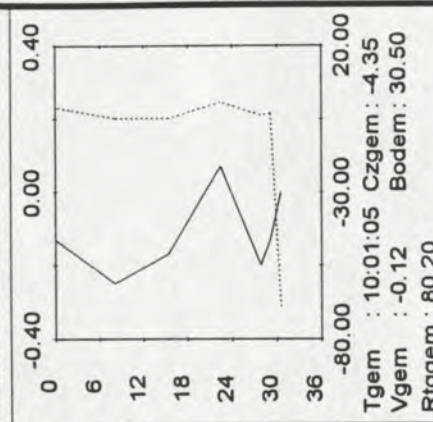
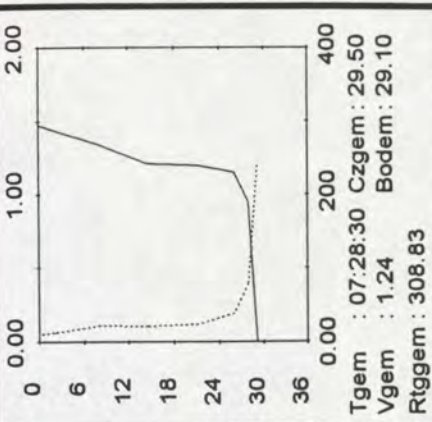
Sierix 11 augustus 1999
raai 7 meetpunt 3
AZTM-nr. 007



Kaloo 11 augustus 1999
raai 7 meetpunt 4
AZTM-nr. 005



8. Vertikalen zandconcentratie

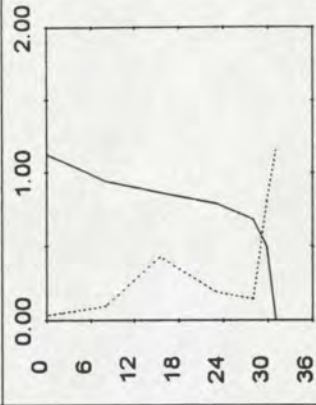
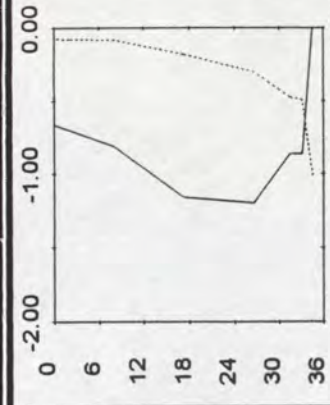
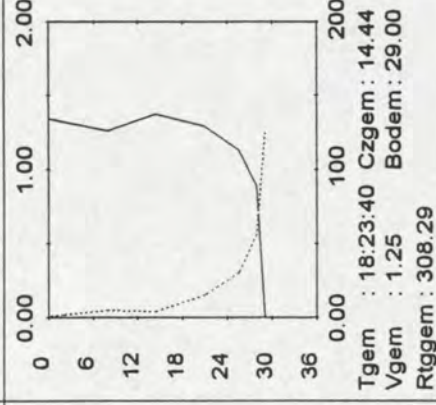
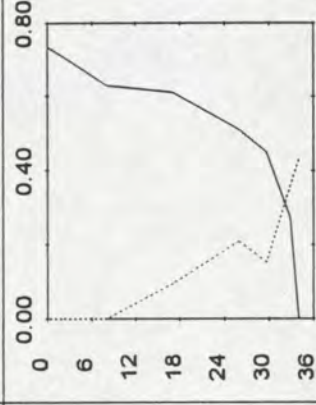
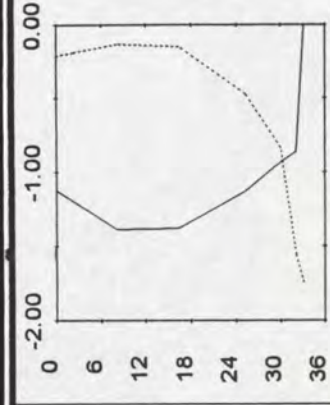
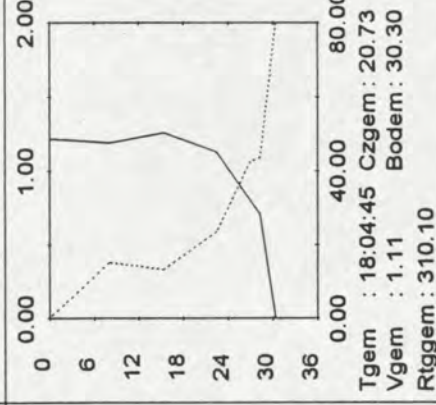
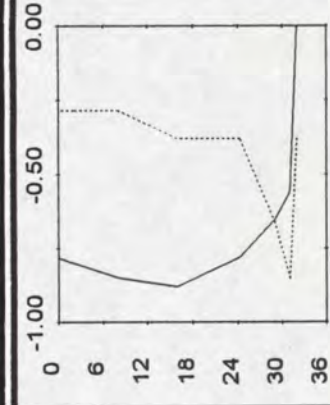
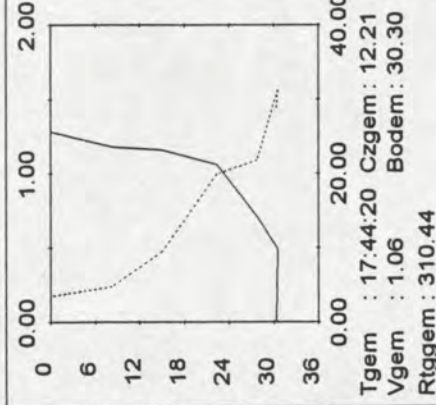
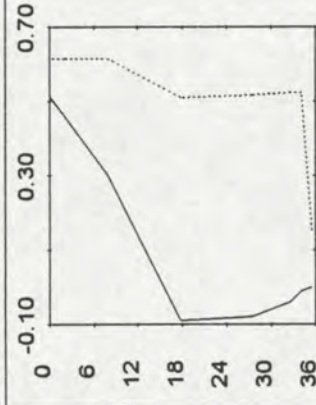
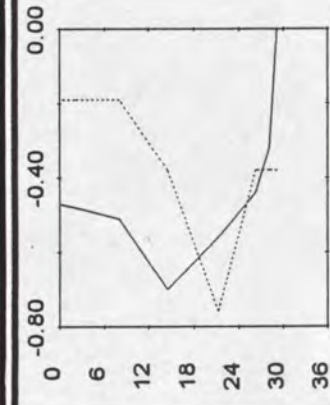
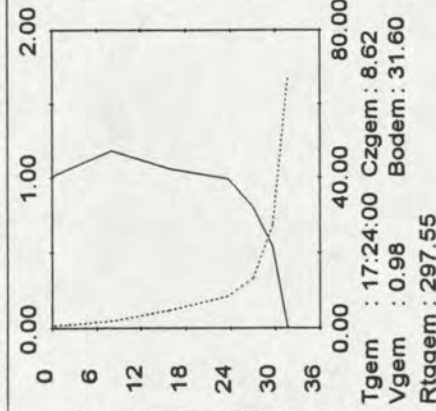
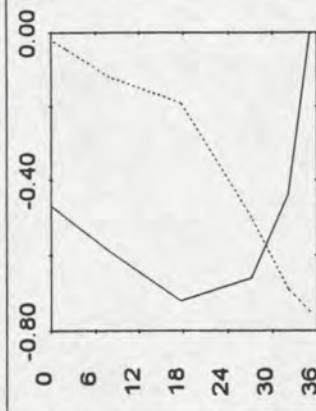
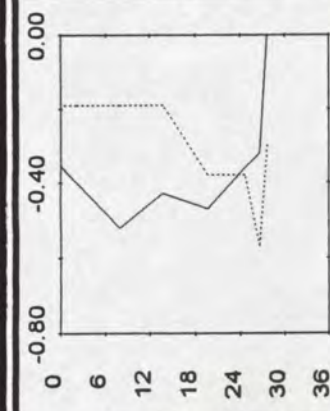


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai 7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : Sierix MP.

: Gemiddelde tijd in uur,min,sec.	Czgem	: Gemiddelde ZANDCONCENTR in mg/l
: Gemiddelde STROOMSHHRZT in m/s	Y as	: Diepte in M
: Gemiddelde STROOMRTG in deg(360X	as boven	: STROOMSHHRZT in cm/s
: Bodemhoogte in M	X as onder	: ZANDCONCENTR in mg/l

STROOMSHRZT
ZANDCONCENTR

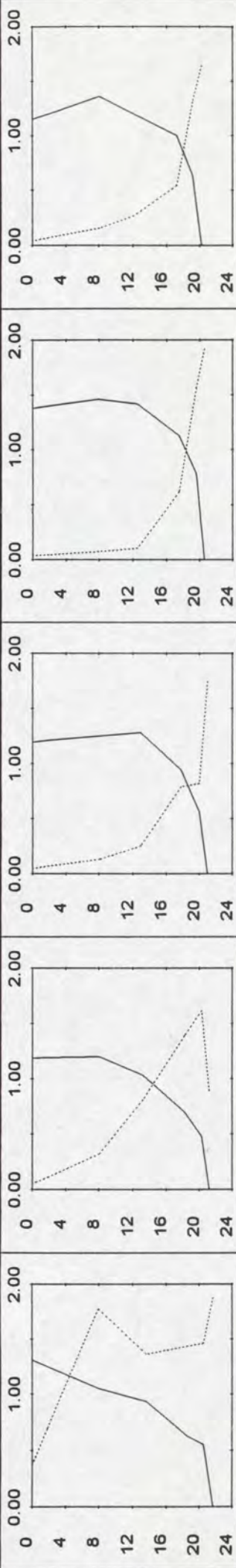


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraai 7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : Sierix MP.

: Gemiddelde tijd in uur:min:sec.	Czgem	: Gemiddelde ZANDCONCENTR in mg/l
: Gemiddelde STROOMSHRZT in m/s	Y as	: Diepte in M
: Gemiddelde STROOMRTG in deg(360°)	as boven	: STROOMSHRZT in cm/s
: Bodemhoogte in M	X as onder	: ZANDCONCENTR in mg/l

STROOMSHRZT
ZANDCONCENTR



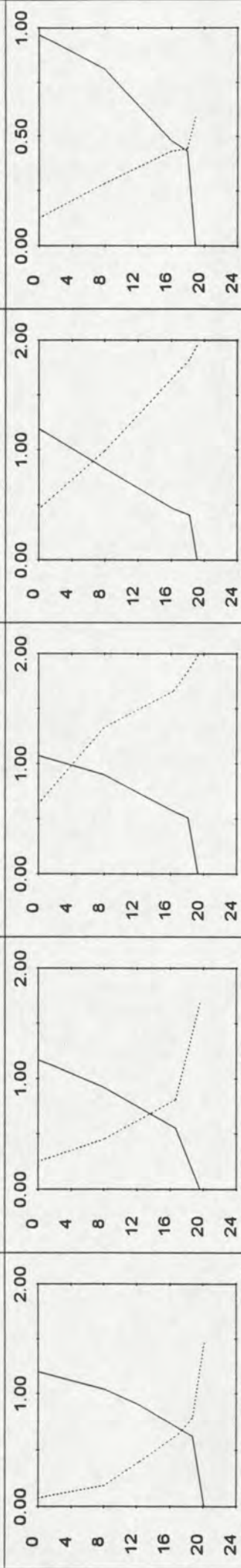
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Vgem : 0.95 Bodem : 21.70
Rtgem : 306.60

Tgem : 05:57:25 Czgem : 666.86
Vgem : 1.00 Bodem : 21.20
Rtgem : 309.01

Tgem : 06:13:35 Czgem : 686.45
Vgem : 1.12 Bodem : 21.00
Rtgem : 308.47

Tgem : 06:30:45 Czgem : 647.21
Vgem : 1.30 Bodem : 20.60
Rtgem : 307.49

Tgem : 06:49:25 Czgem : 701.29
Vgem : 1.15 Bodem : 20.20
Rtgem : 309.17



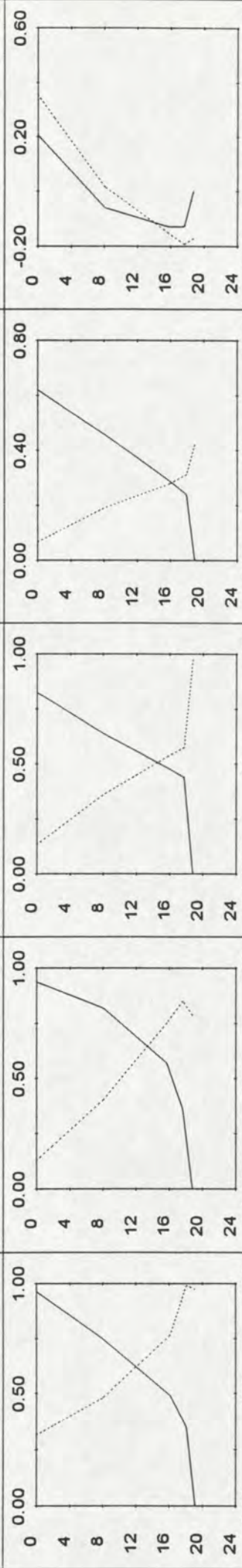
Tgem : 07:11:55 Czgem : 747.15
Vgem : 0.93 Bodem : 20.10
Rtgem : 309.19

Tgem : 07:34:40 Czgem : 609.57
Vgem : 0.82 Bodem : 19.60
Rtgem : 307.92

Tgem : 07:51:40 Czgem : 530.21
Vgem : 0.80 Bodem : 19.30
Rtgem : 307.45

Tgem : 08:06:10 Czgem : 571.05
Vgem : 0.75 Bodem : 19.10
Rtgem : 306.68

Tgem : 08:20:35 Czgem : 615.87
Vgem : 0.71 Bodem : 18.90
Rtgem : 307.68



Tgem : 08:35:30 Czgem : 457.80
Vgem : 0.67 Bodem : 19.10
Rtgem : 307.89

Tgem : 08:50:30 Czgem : 384.16
Vgem : 0.72 Bodem : 18.80
Rtgem : 308.98

Tgem : 09:04:20 Czgem : 311.90
Vgem : 0.61 Bodem : 18.80
Rtgem : 309.07

Tgem : 09:22:45 Czgem : 202.45
Vgem : 0.42 Bodem : 18.90
Rtgem : 309.78

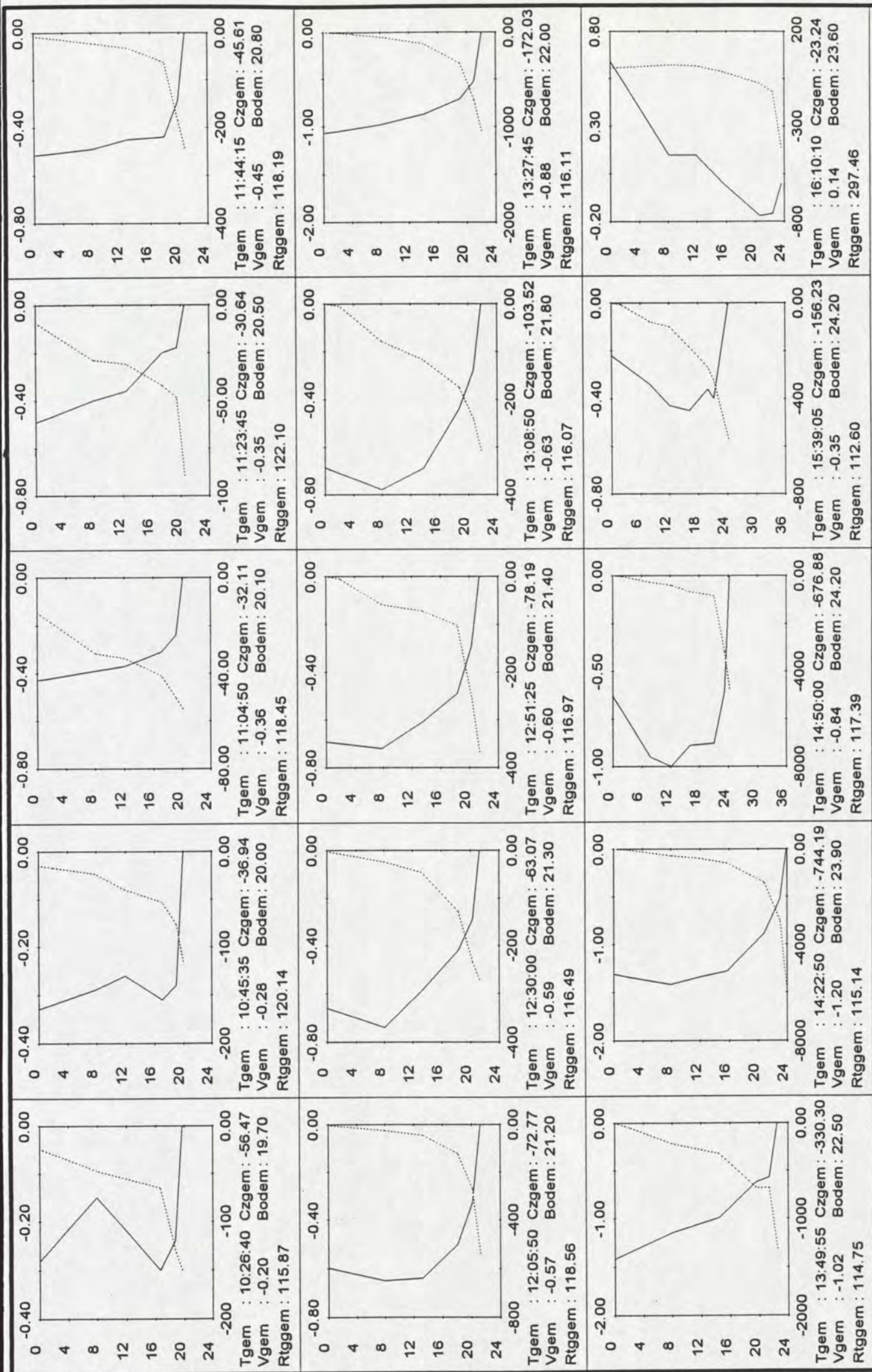
Tgem : 09:59:25 Czgem : -23.21
Vgem : -0.03 Bodem : 18.70
Rtgem : 56.93

Raainaan : Debietraai 7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : Kaloo MP. 2

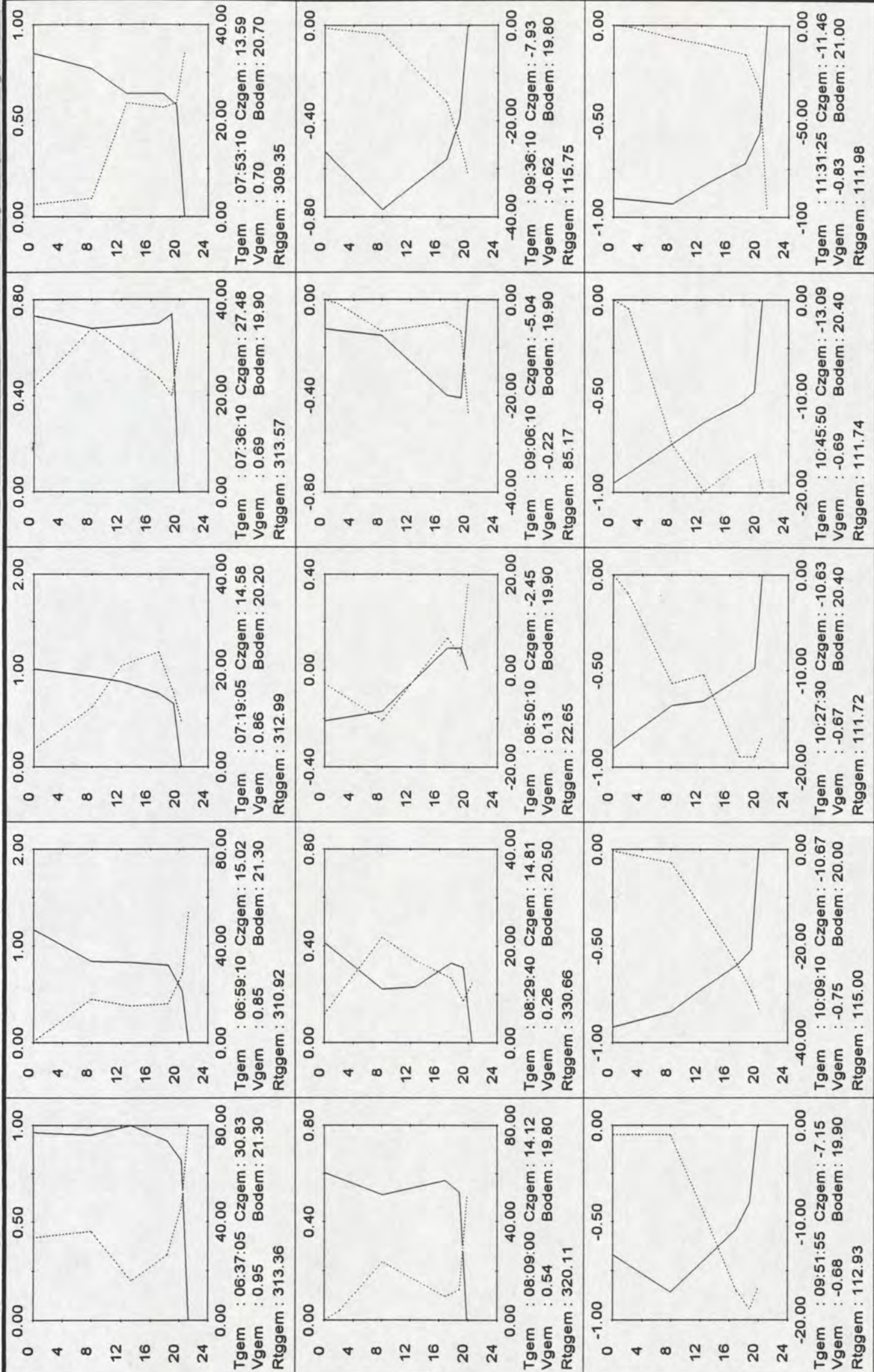
Gemiddelde tijd in uur:min:sec.
: Gemiddelde STROOMSHRZT in m/s
: Gemiddelde STROOMRTG in deg(360X as boven X as onder Bodemhoogte in M

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

STROOMSHRZT
ZANDCONCENTR



Rijkswaterstaat	Raanaam : Debietraal 7	Tgem	Gemiddelde ZANDCONCENTR in mg/l	STROOMSHRZT
Directie Zeeland	Datum Opname : 12/08/1999	Vgem	: Diepte in M	ZANDCONCENTR
Meetdienst Zeeland	Streefvoetmaat : 669	Rtggem	: Gemiddelde STROOMSHRZT in cm/s	
	Vaartuig : Kaloo MP. 2	Bodem	: Gemiddelde STROOMRTG in deg(360)X as boven	
			X as onder	
			: Bodemhoogte in M	

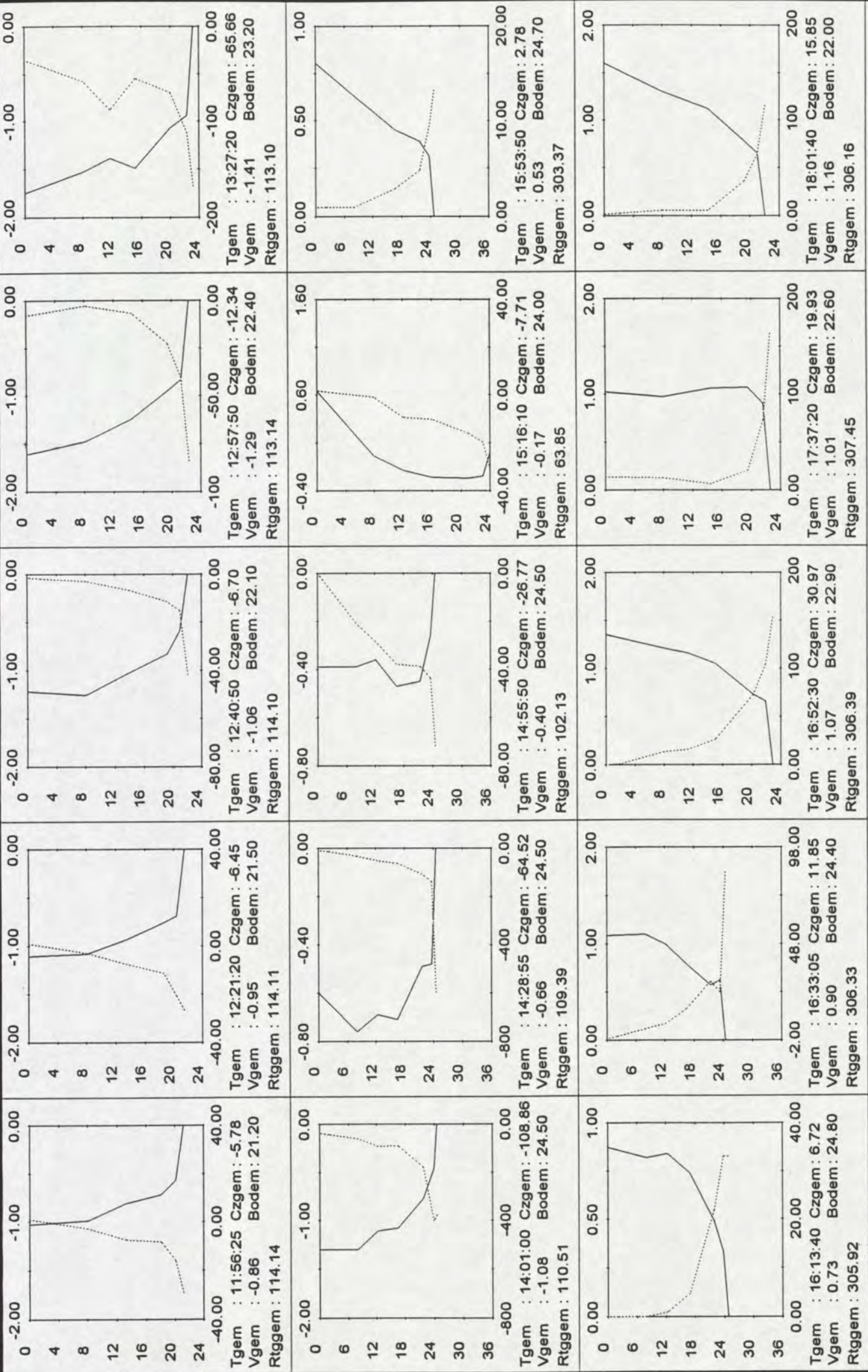


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam : Debietraai 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : Sierix MP. 3

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

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



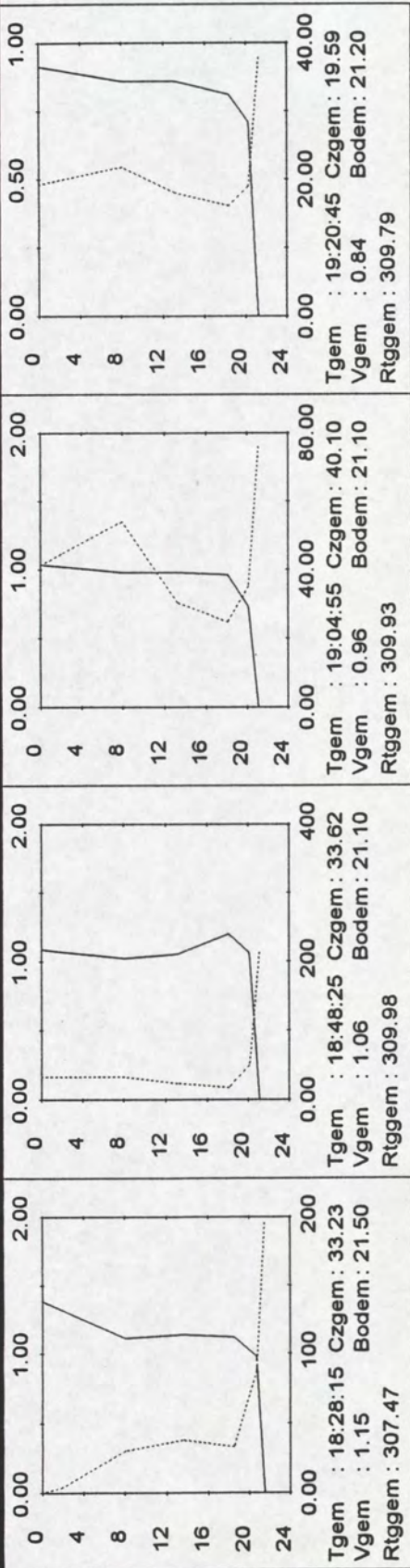
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam : Debietraal 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : Sienx MP. 3

Czgem : Gemiddelde STROOMSHRZT in m/sY as
Rtggem : Gemiddelde ZANDCONCENTR in mg/l

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

STROOMSHRZT
ZANDCONCENTR



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

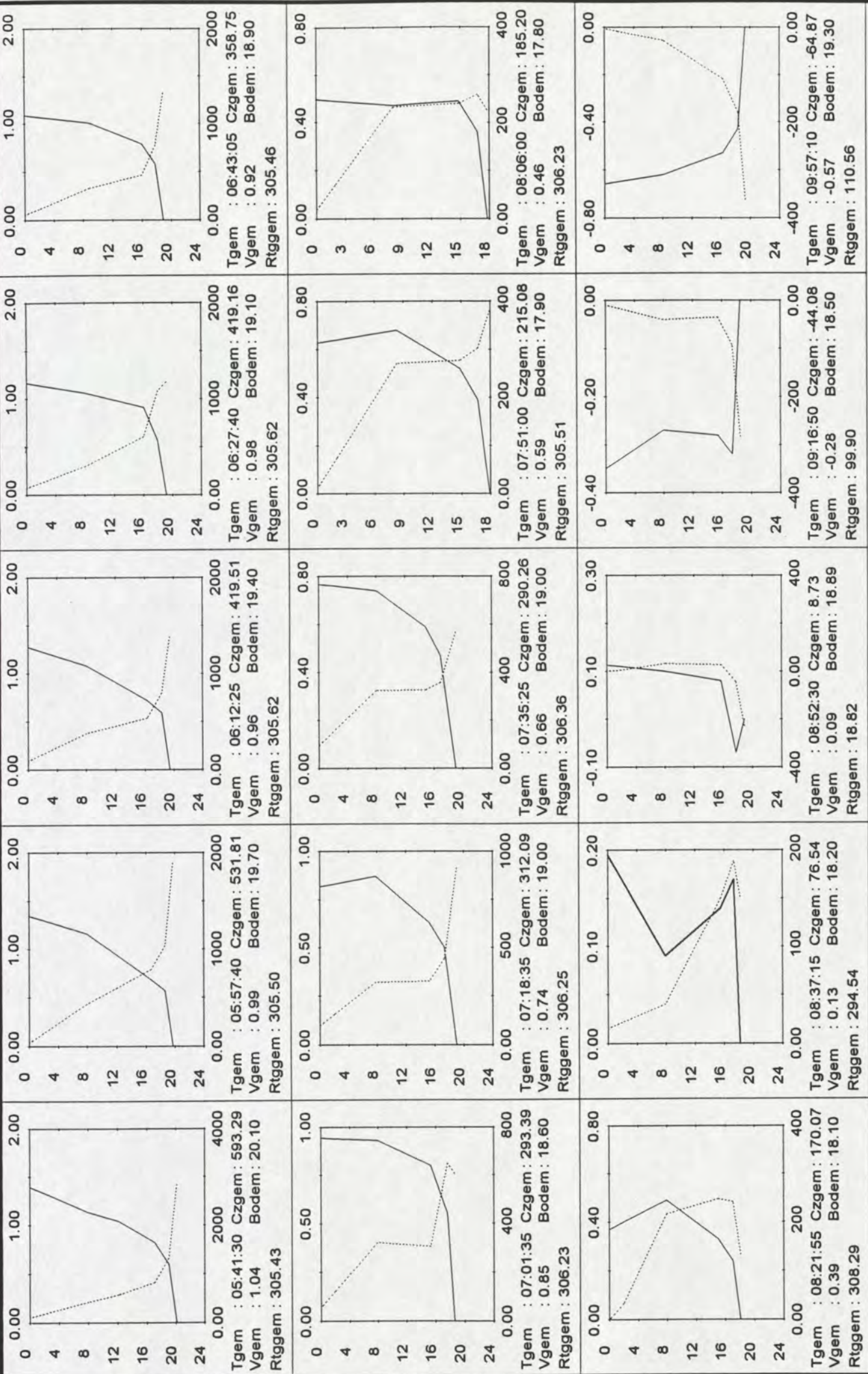
Raanaam : Debietraal 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : Sierix MP. 3

Tgem
Vgem
Rtggem
Bodem

Gemiddelde tijd in uu.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



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : Kaloo MP. 4

Tgem : 05:41:30 Czgem : 593.29
Vgem : 1.04 Bodem : 20.10
Rtggem : 305.43

Tgem : 05:57:40 Czgem : 531.81
Vgem : 0.99 Bodem : 19.70
Rtggem : 305.50

Tgem : 06:12:25 Czgem : 419.51
Vgem : 0.96 Bodem : 19.40
Rtggem : 305.62

Tgem : 06:27:40 Czgem : 419.16
Vgem : 0.98 Bodem : 19.10
Rtggem : 305.62

Tgem : 06:43:05 Czgem : 358.75
Vgem : 0.92 Bodem : 18.90
Rtggem : 305.46

Tgem : 07:01:35 Czgem : 293.39
Vgem : 0.85 Bodem : 18.60
Rtggem : 306.23

Tgem : 07:18:35 Czgem : 312.09
Vgem : 0.74 Bodem : 19.00
Rtggem : 306.25

Tgem : 07:35:25 Czgem : 290.26
Vgem : 0.66 Bodem : 19.00
Rtggem : 306.36

Tgem : 07:51:00 Czgem : 215.08
Vgem : 0.59 Bodem : 17.90
Rtggem : 305.51

Tgem : 08:06:00 Czgem : 185.20
Vgem : 0.46 Bodem : 17.80
Rtggem : 306.23

Tgem : 08:21:55 Czgem : 170.07
Vgem : 0.39 Bodem : 18.10
Rtggem : 308.29

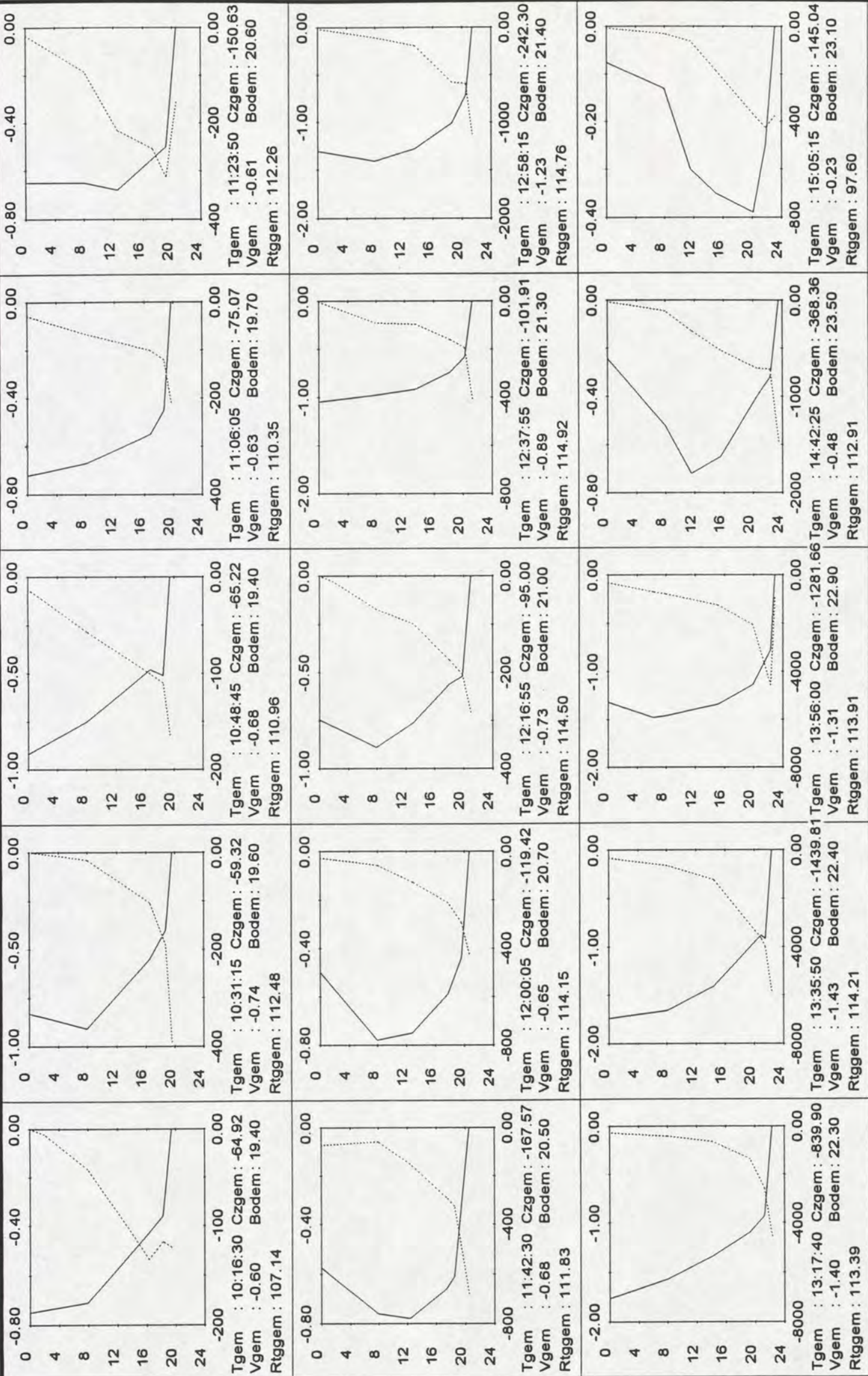
Tgem : 08:37:15 Czgem : 76.54
Vgem : 0.13 Bodem : 18.20
Rtggem : 294.54

Tgem : 08:52:30 Czgem : 8.73
Vgem : 0.09 Bodem : 18.89
Rtggem : 18.82

Tgem : 09:16:50 Czgem : -44.08
Vgem : -0.28 Bodem : 18.50
Rtggem : 99.90

Tgem : 09:57:10 Czgem : -64.87
Vgem : -0.57 Bodem : 19.30
Rtggem : 110.56

StroomSHRZT :
Zandconcentr :
Gemiddelde Zandconcentr in mg/l :
Gemiddelde StroomSHRZT in m³/s :
Gemiddelde StroomSHRZT in deg(360) as boven :
Gemiddelde StroomSHRZT in cm/s :
Gemiddelde StroomSHRZT in mg/l :
Gemiddelde tijd in uur:min:sec :
Gemiddelde StroomSHRZT in m³/s as :
Gemiddelde StroomSHRZT in deg(360) as boven :
Gemiddelde StroomSHRZT in cm/s :
Gemiddelde StroomSHRZT in mg/l :
X as onder :
Bodemhoogte in M



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

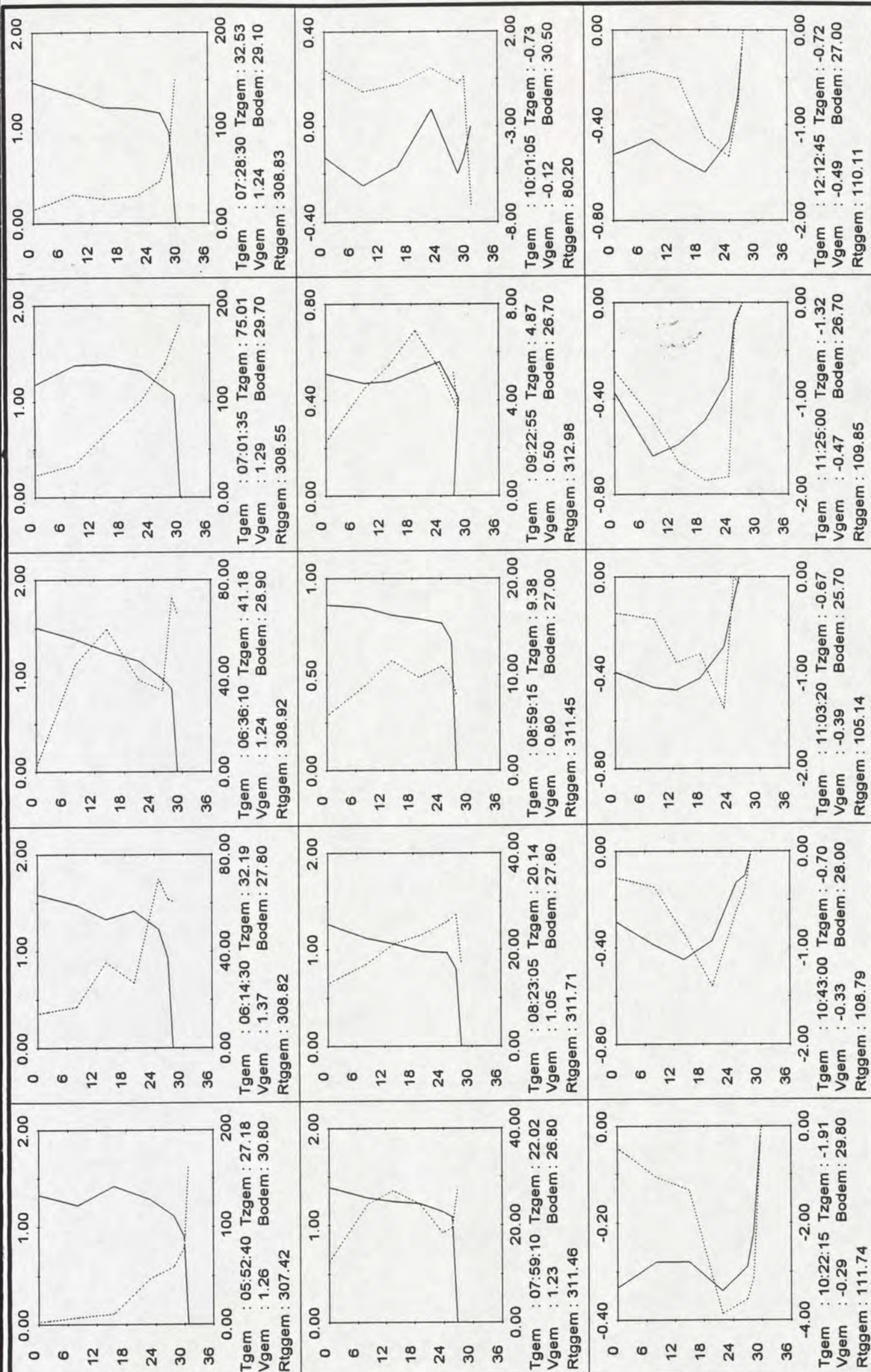
Raai naam : Debietraai 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : Kaloo MP. 4

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

Czgem
X as onder

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

9. Vertikalen zandtransport



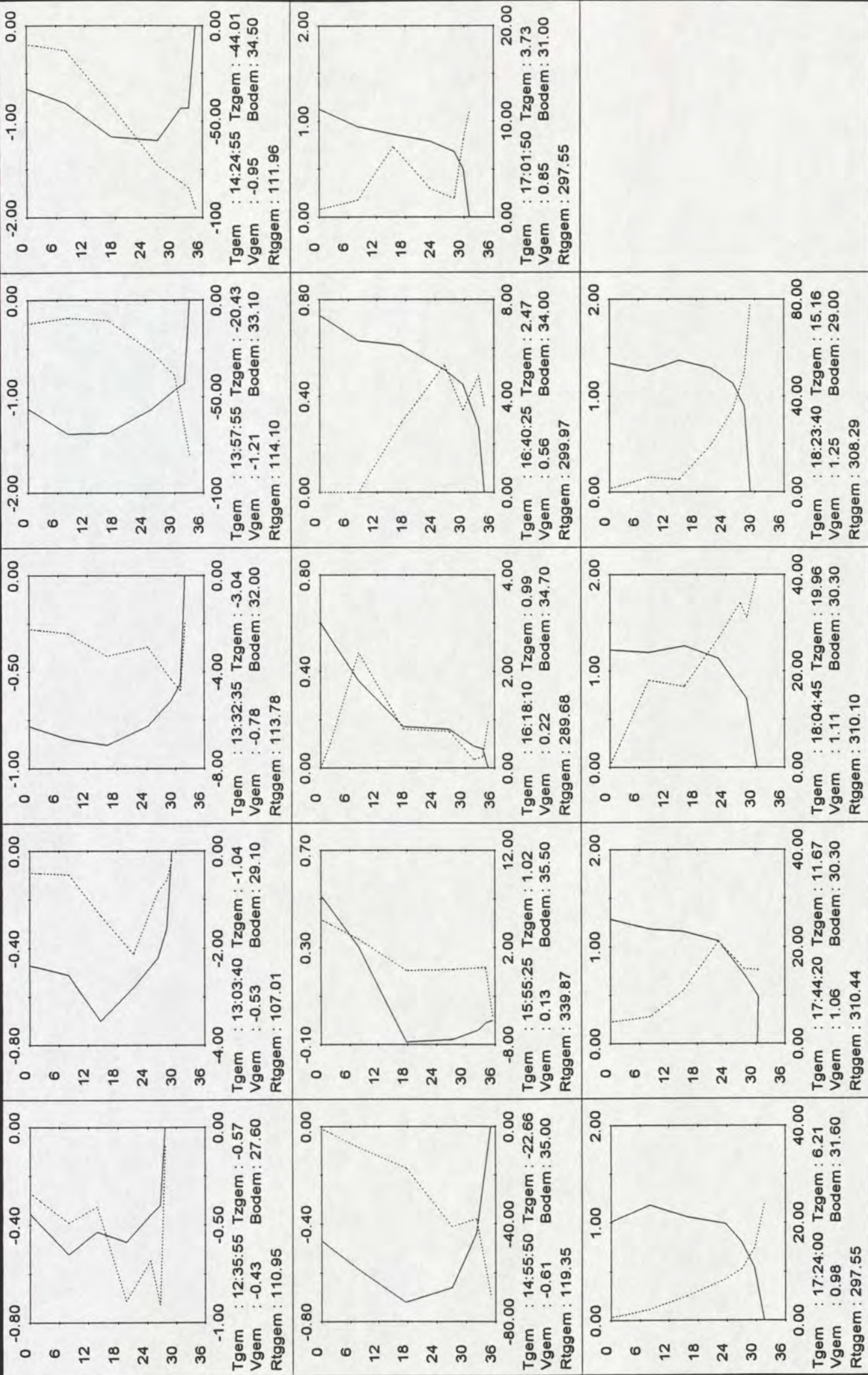
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raaienaar : Debietaal7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SierixMP.1

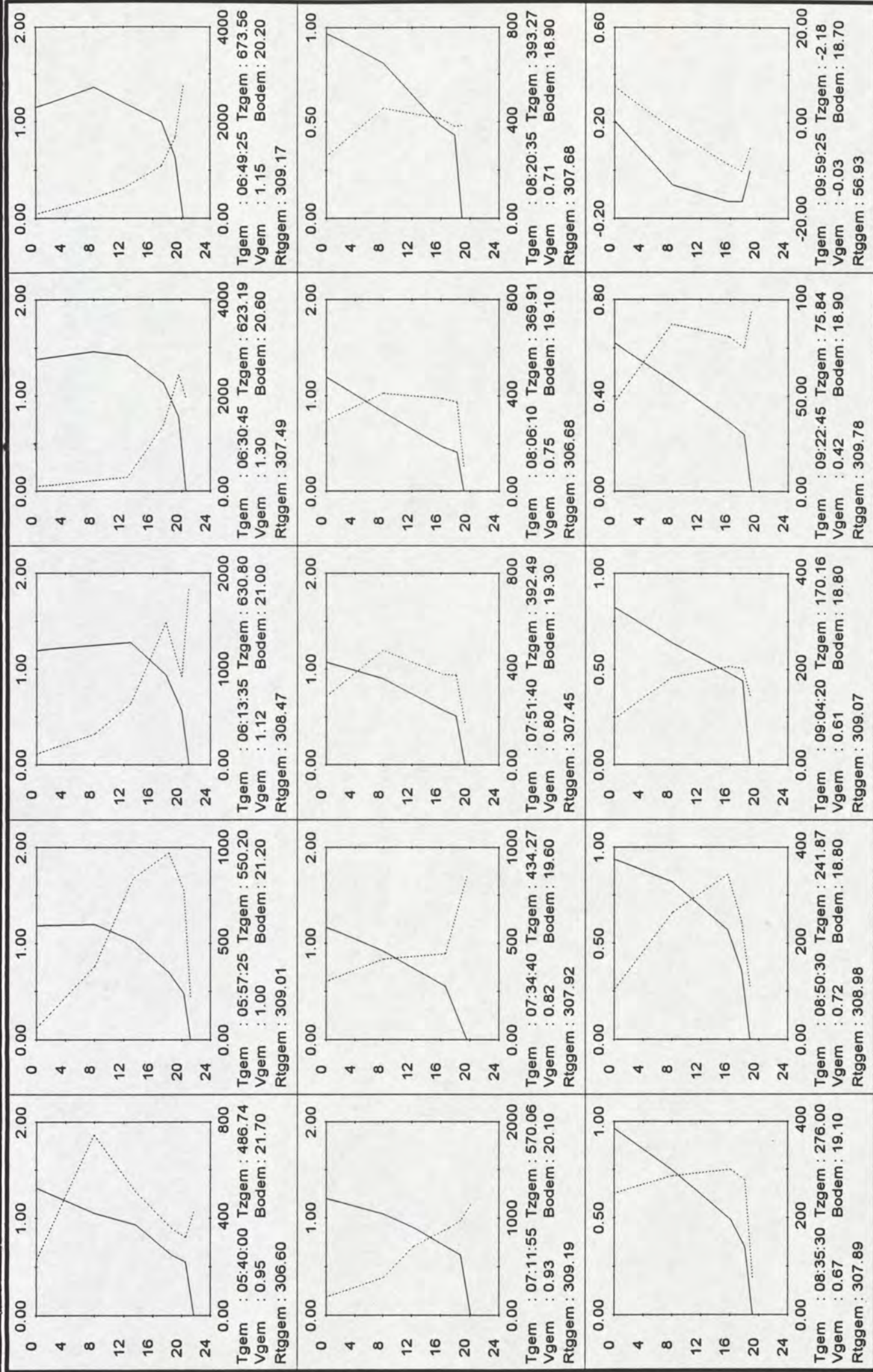
Tzgem : Gemiddelde STROOMSHRZT in m/s Y as
Vgem : Gemiddelde STROOMSHRZT in m/s Y as
Bodem : Gemiddelde STROOMRTG in deg(360X as boven X as onder

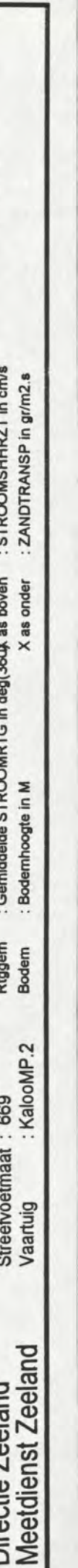
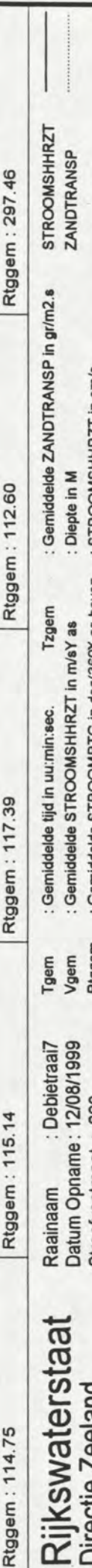
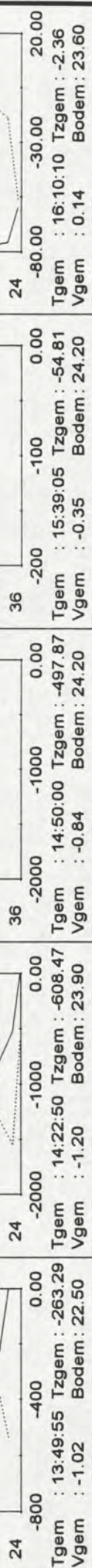
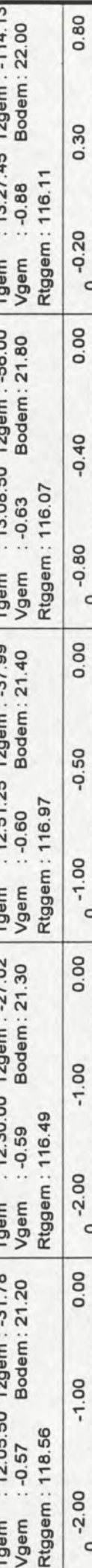
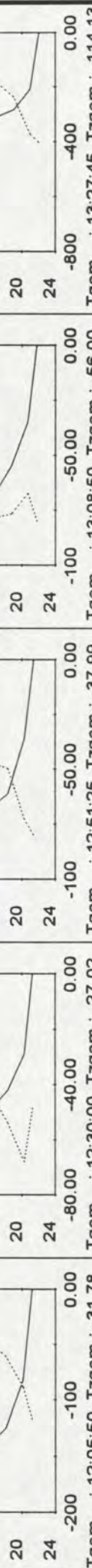
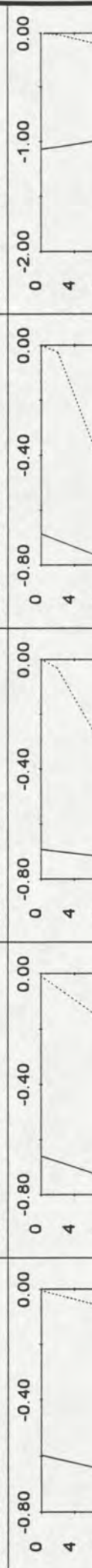
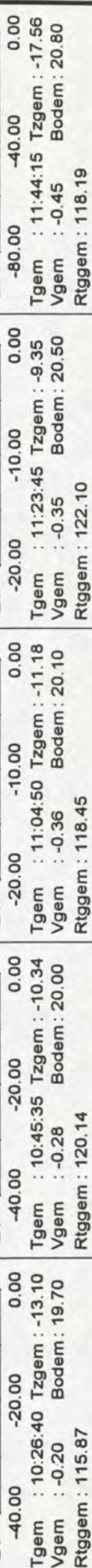
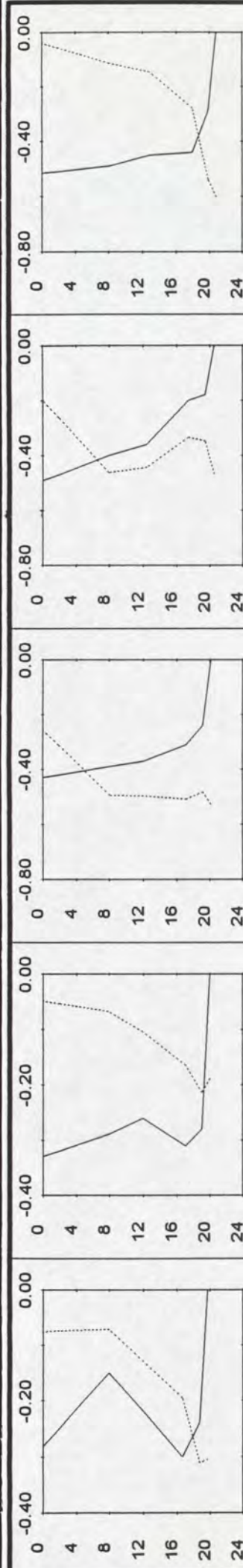
Tzgem : Gemiddelde ZANDTRANSP in gr/m2.s
Vgem : Diepte in M
Bodem : STROOMSHRZT in cm/s
Rtggem : ZANDTRANSP in gr/m2.s

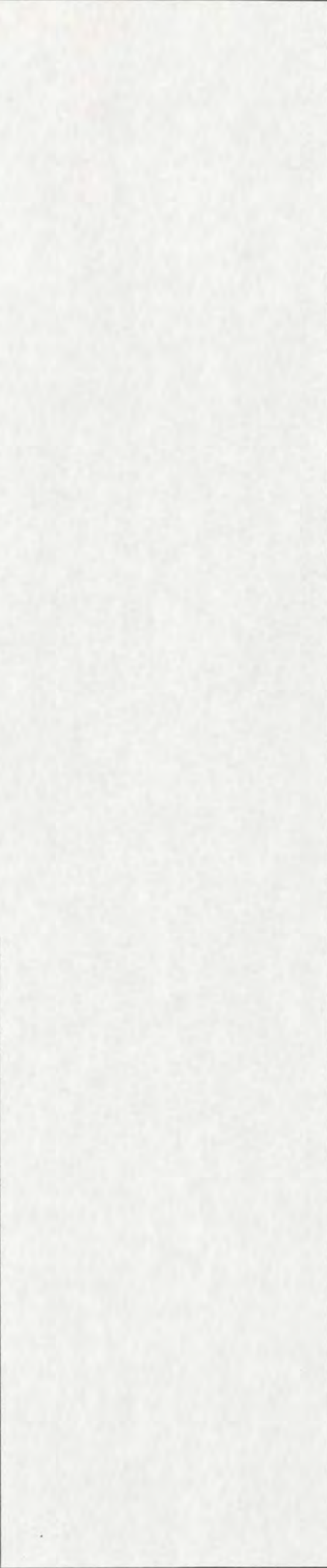
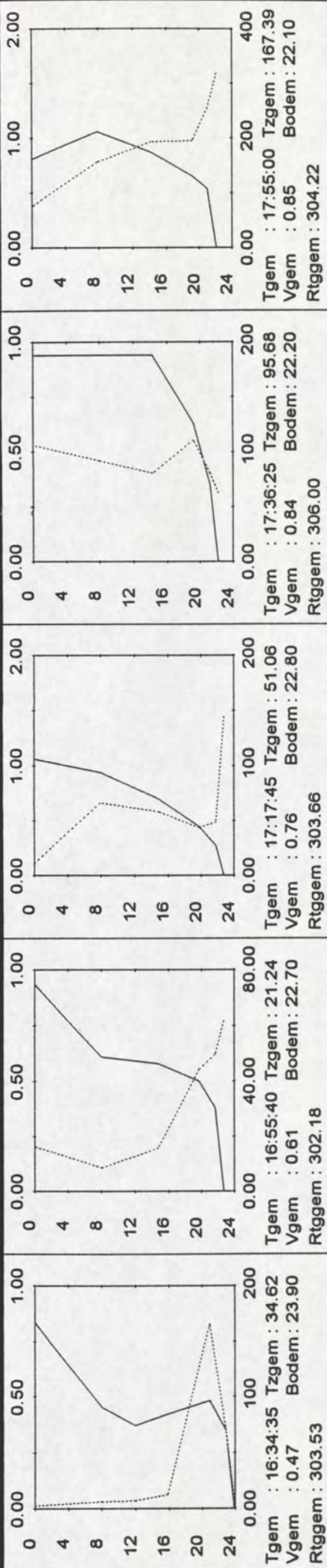
STROOMSHRZT
ZANDTRANSP



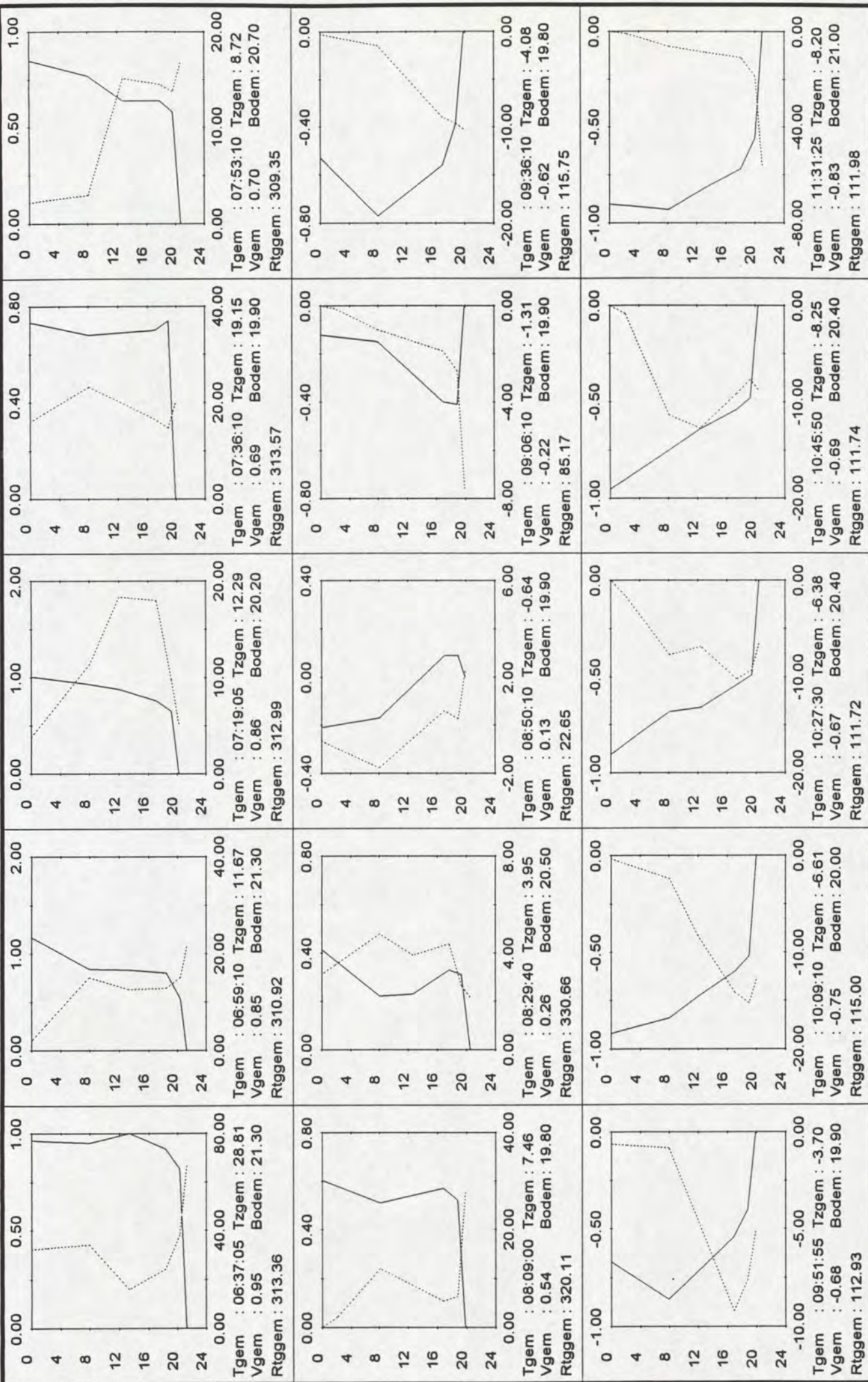
Rijkswaterstaat Directie Zeeland Meetdienst Zeeland			Raai naam : Debietraai7 Datum Opname : 12/08/1999 Streefvoetmaat : 141 Vaartuig : SierixMP.1	Tzgem : Vgem : Bodem : Rtggem :	Gemiddelde tijd in uur:min:sec. Gemiddelde STROOMSHRZT in m/sY as Gemiddelde STROOMRTG in deg(360X as boven Bodemhoogte in M	Tzgem : Vgem : Bodem : Rtggem :	Gemiddelde ZANDTRANS in gr/m2.s Diepte in M STROOMSHRZT in cm/s ZANDTRANS in gr/m2.s
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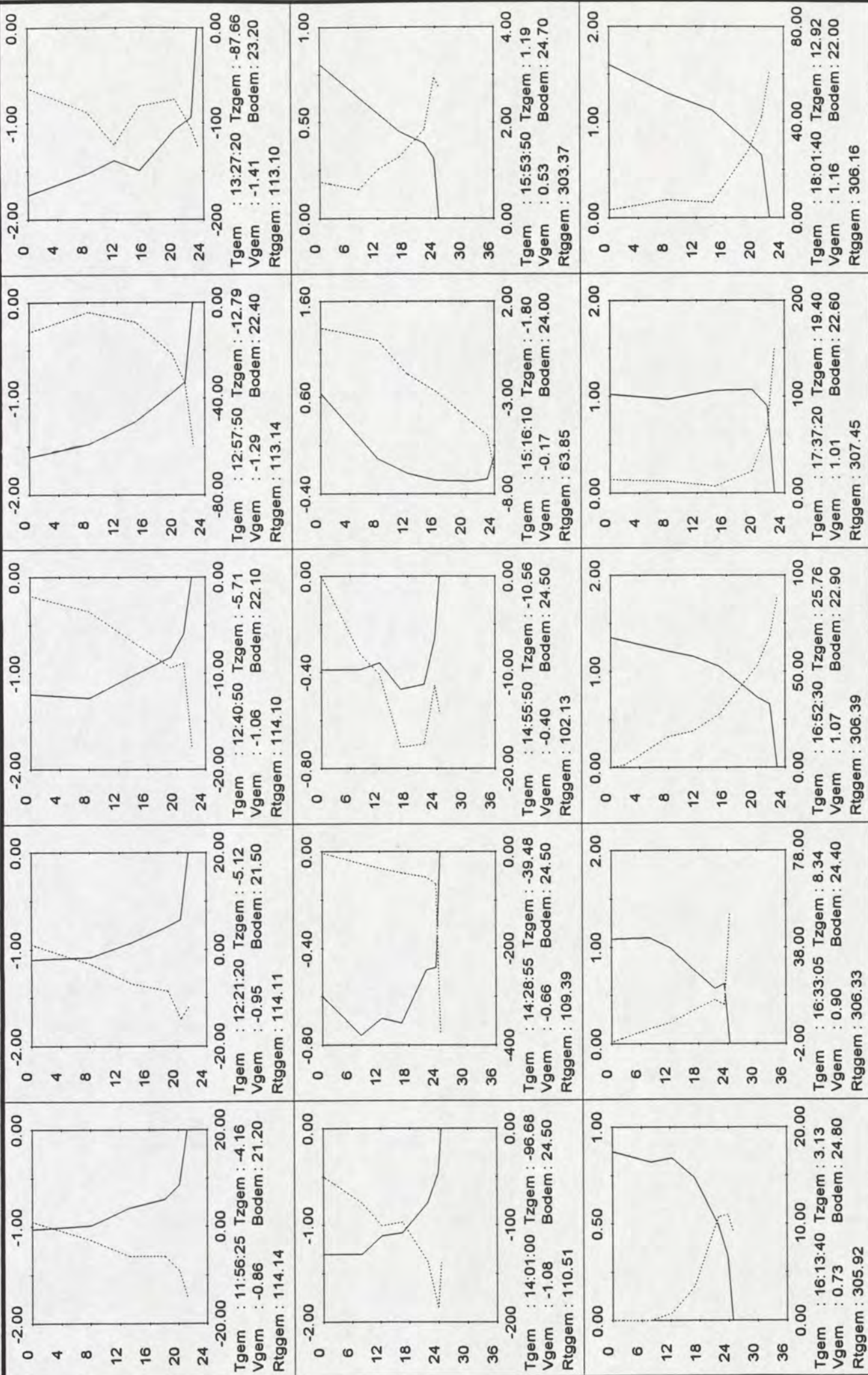




Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raaienaam	: Debietraai7	Tzgem	: Gemiddelde tijd in uur:min:sec.	Tzgem	: Gemiddelde ZANDTRANSP in gr/m2.s	STROOMSHHRZT
	Datum Opname	: 12/08/1999	Vgem	: Gemiddelde STROOMSHHRZT in m/s/Y as	X as	: Diepte in M	ZANDTRANSP
	Streefvoetmaat	: 669	Rtggem	: Gemiddelde STROOMRTG in deg(360X as boven	X as onder	: STROOMSHHRZT in cm/s	
	Vaartuig	: KaloMP.2	Bodem	: Bodemhoogte in M		: ZANDTRANSP in gr/m2.s	



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raanaam : Debietraal7	Tzgem	Gemiddelde ZANDTRANSP in gr/m2.s	STROOMSHRZT
	Datum Opname : 11/08/1999	Gemiddelde STROOMSHRZT in m/s y as	Diepte in M	ZANDTRANSP
	Streefvoetmaat : 3477	Gemiddelde STROOMRTG in deg(360)X as boven	STROOMSHRZT in cm/s	
	Vaartuig : SienxMP.3	Bodemhoogte in M	ZANDTRANSP in gr/m2.s	



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

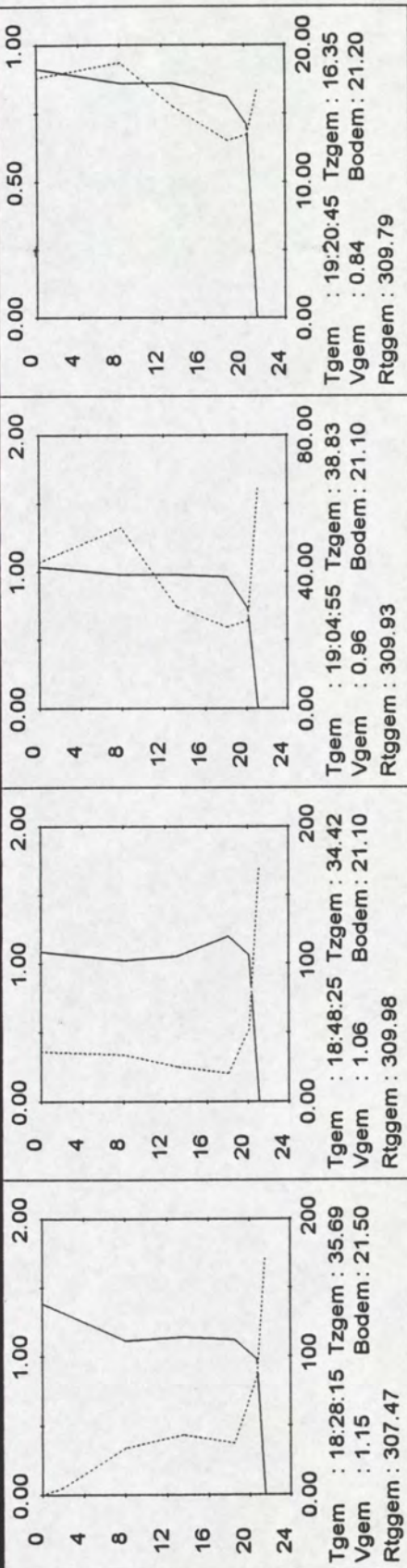
Raai naam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

Tzgem : Gemiddelde tijd in uur:min:sec.
Vgem : Gemiddelde STROOMSHRZT in m/s
Rtggem : Gemiddelde STROOMRTG in deg(360)
Bodem : Bodemhoogte in M

X as onder

STROOMSHRZT
ZANDTRANS

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



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraal7
Datum Opname : 1/08/1999
Streefvoetmaat : 3477
Vaartuig : SiernxMP.3

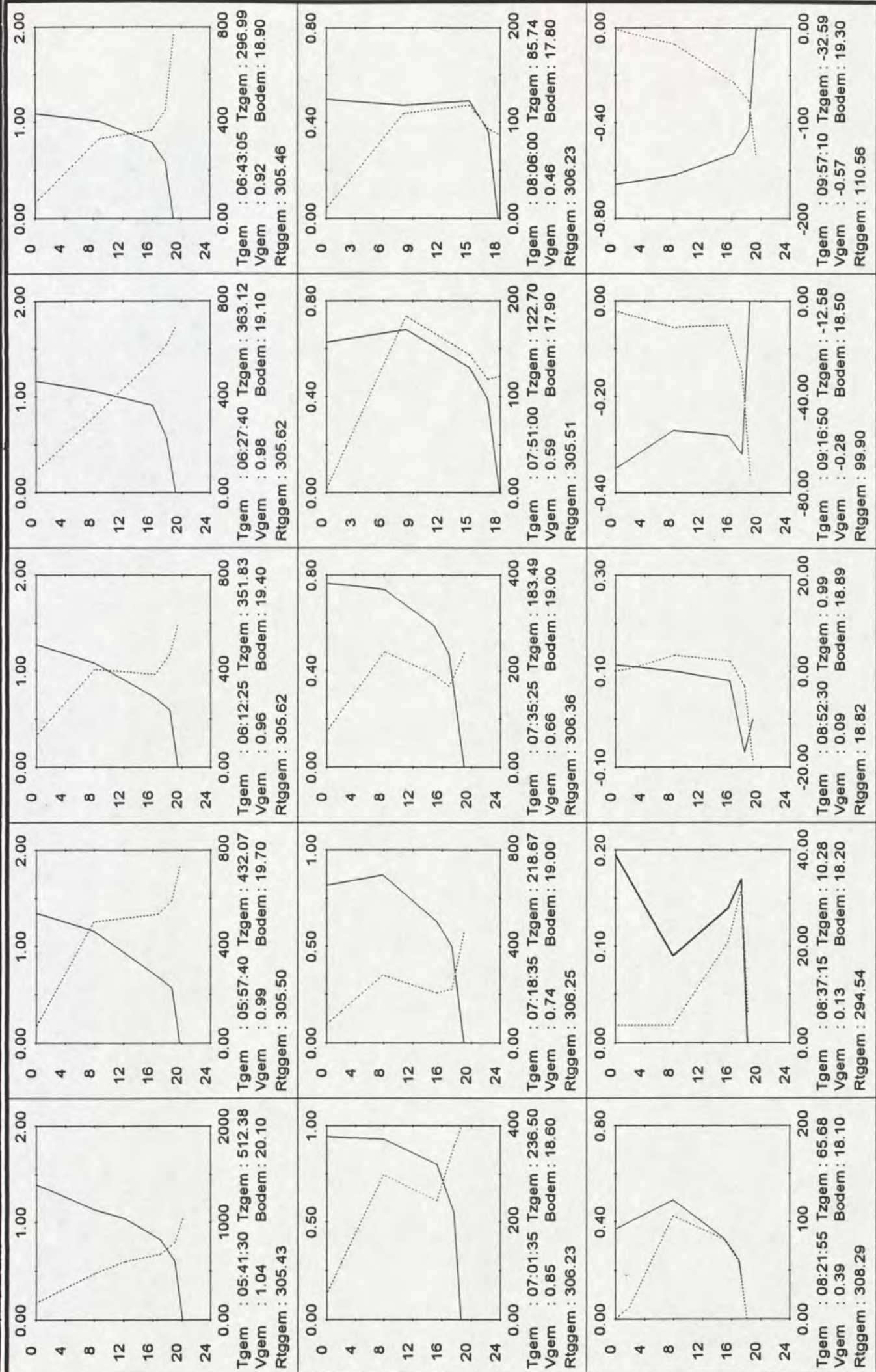
Tzegem
Vgem
Rtgem
Bodem

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

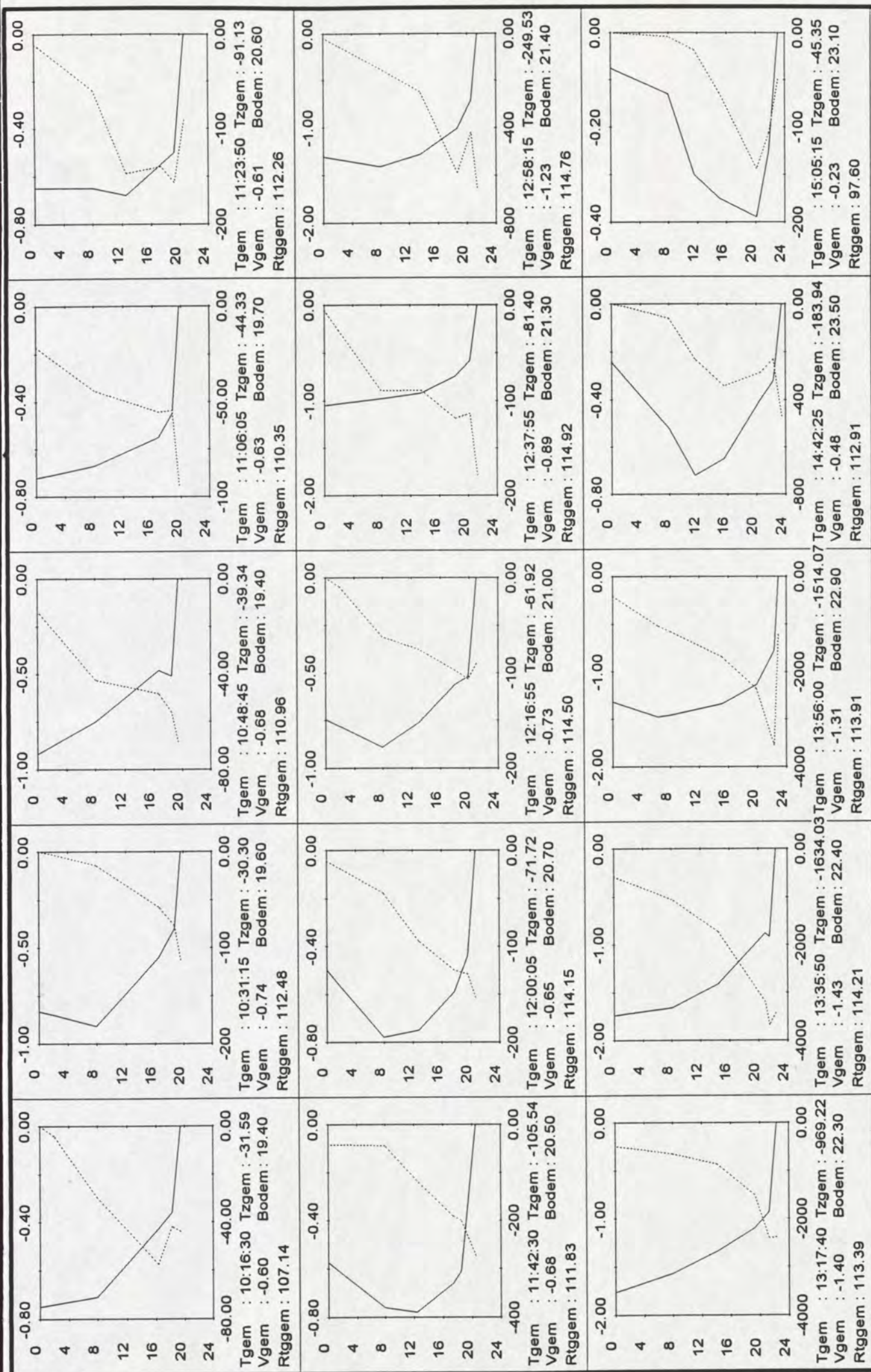
Tzegem
X as onder

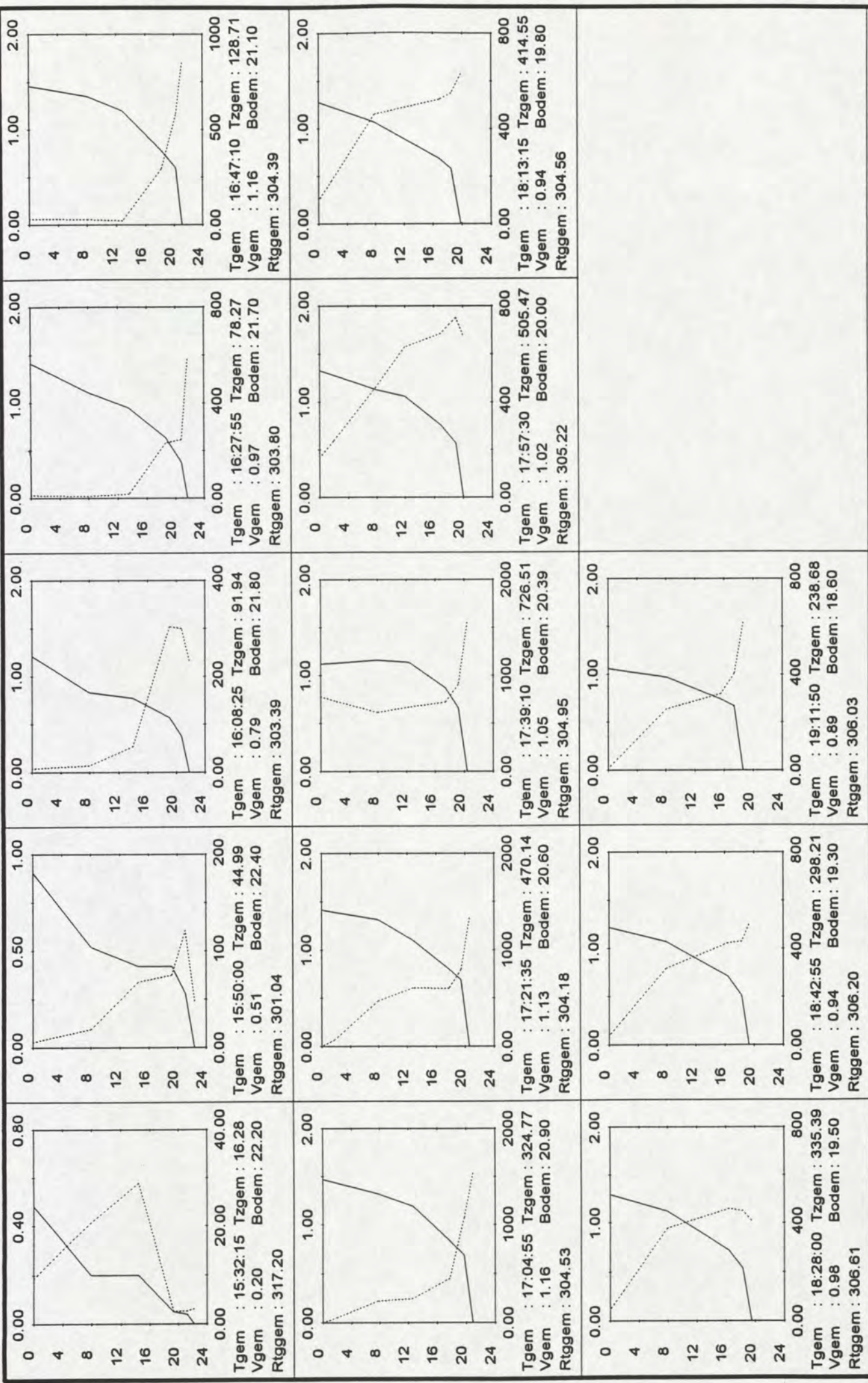
Gemiddelde ZANDTRANSP in gr/m2.s
Diepte in M
STROOMSHRZT in cm/s
ZANDTRANSP in gr/m2.s

STROOMSHRZT
ZANDTRANSP



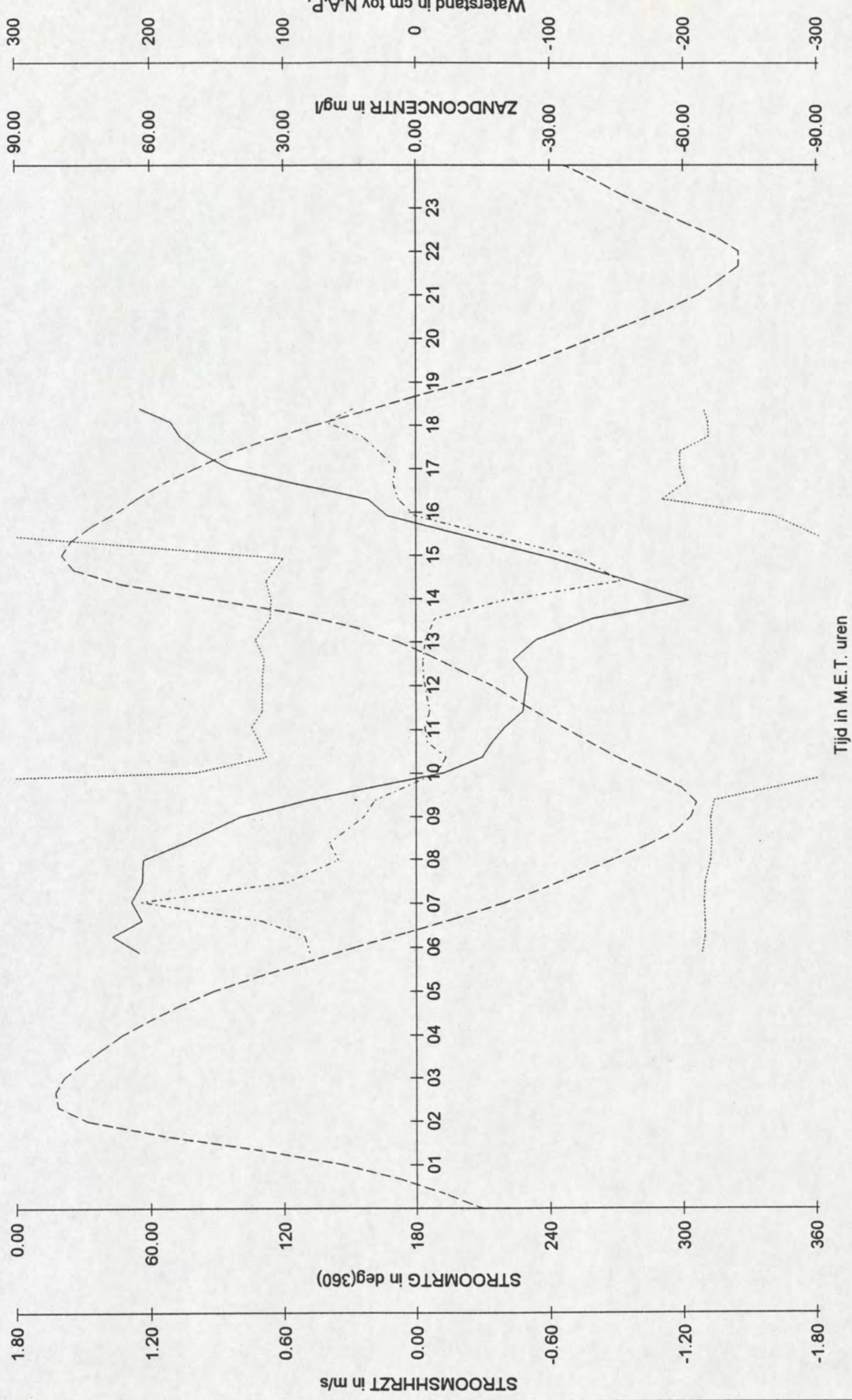
Rijkswaterstaat				Raaienaar				Tzgem				Gemiddelde ZANDTRANSP in gr/m2.s				STROOMSHRZT			
Directie Zeeland				Datum Opname : 11/08/1999				Vgem				Diepte in M				ZANDTRANSP			
Meetdienst Zeeland				Streefvoetmaat : 3971				Rtggem				Gemiddelde STROOMSHRZT in m/sY as							
				Vaartuig : KalooMP.4				Bodem				Gemiddelde STROOMRTG in deg(360X as boven				X as onder			





Rijkswaterstaat Directie Zeeland Meetdienst Zeeland				Raaienaar : Debietaal7 Datum Opname : 11/08/1999 Streefvoetmaat : 3971 Vaartuig : KalooMP.4	Tzgem Vgem Rtggem Bodem	Gemiddelde tijd in uur:min:sec. Gemiddelde STROOMSHRZT in m/s Gemiddelde STROOMRTG in deg(360) Bodemhoogte in M	Tzgem Vgem Rtggem Bodem	Gemiddelde ZANDTRANSP in gr/m2.s Diepte in M STROOMSHRZT in cm/s ZANDTRANSP in gr/m2.s
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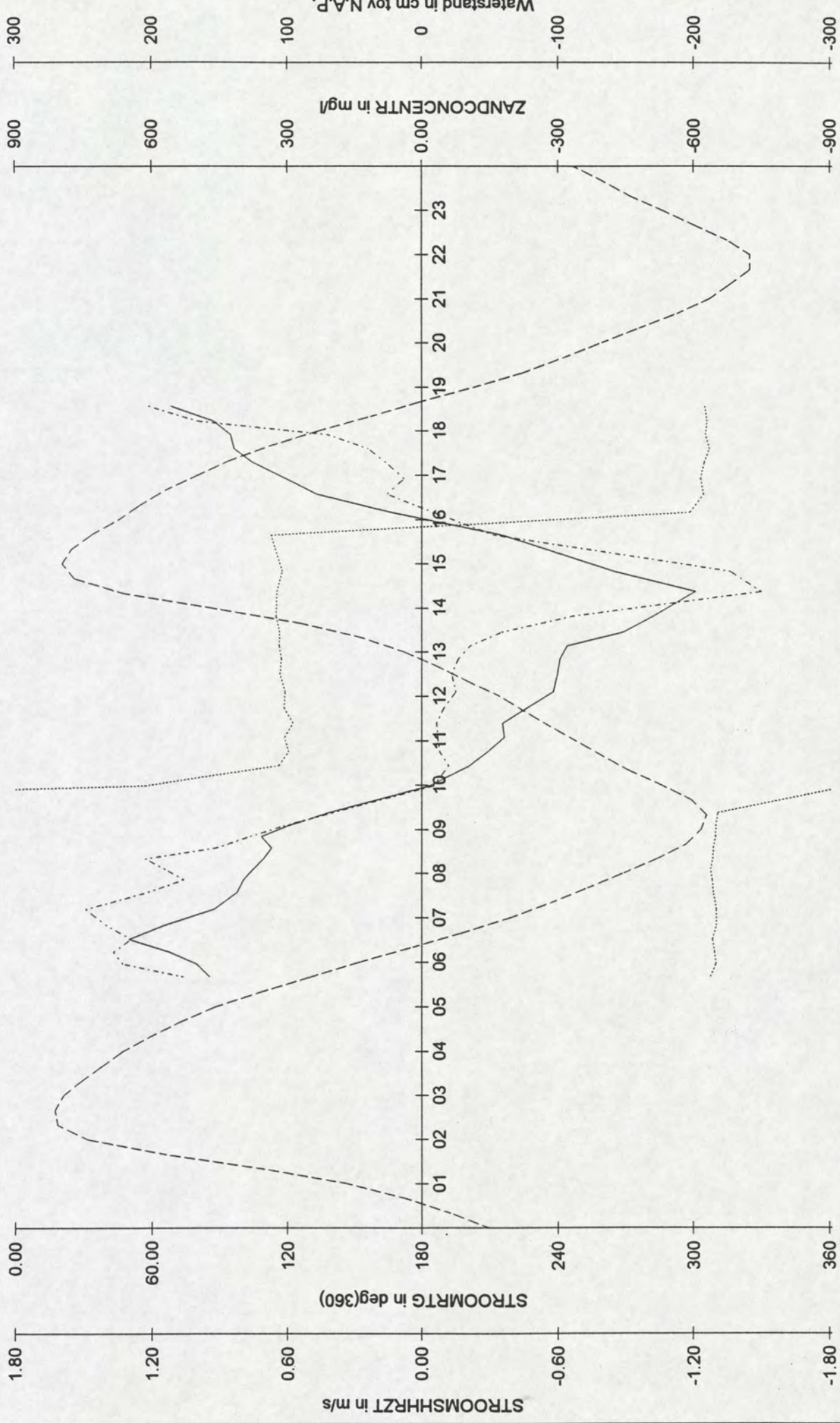
10. Gemiddelde krommen stroom en zandconcentratie



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SierixMP.1

STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

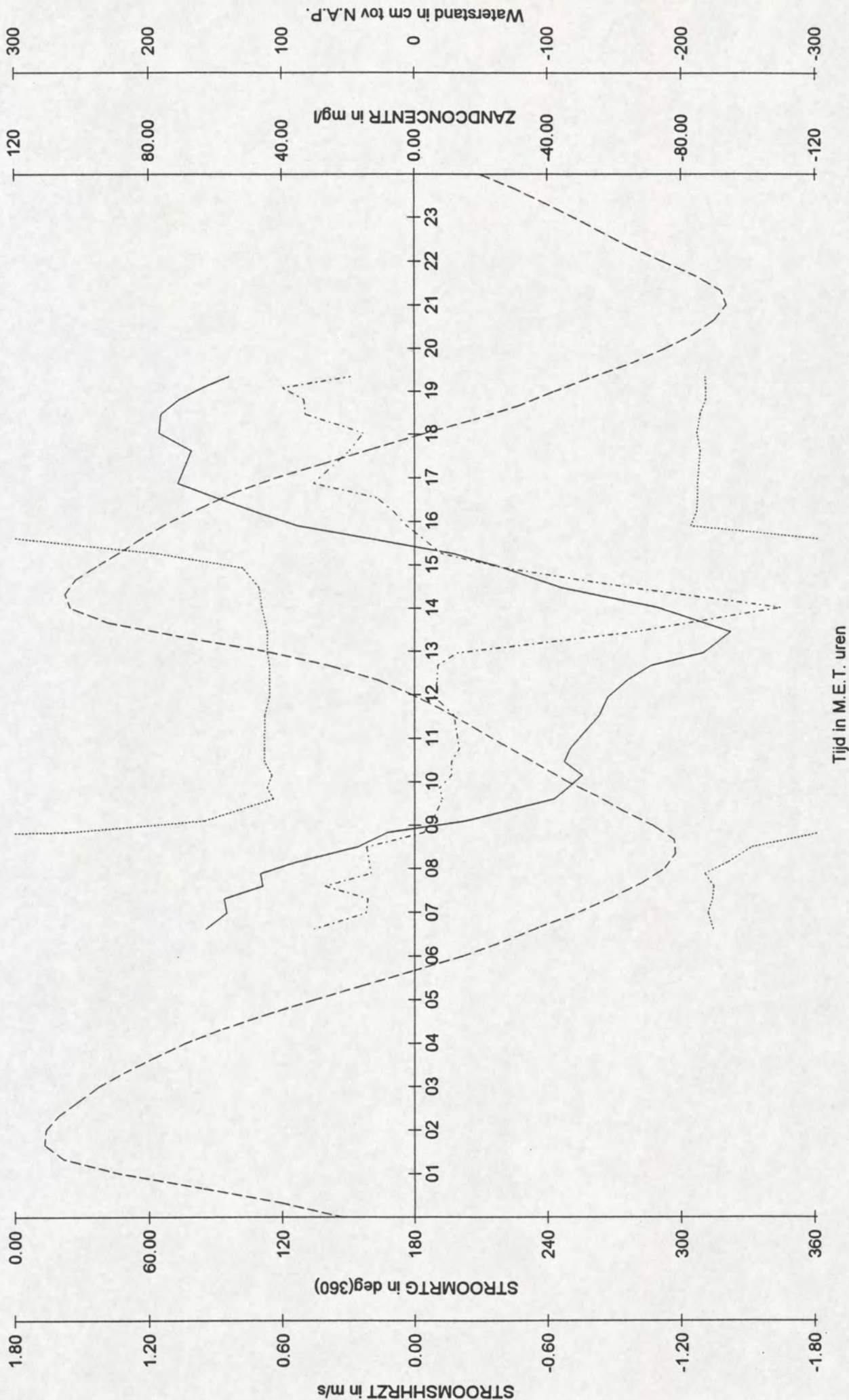


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

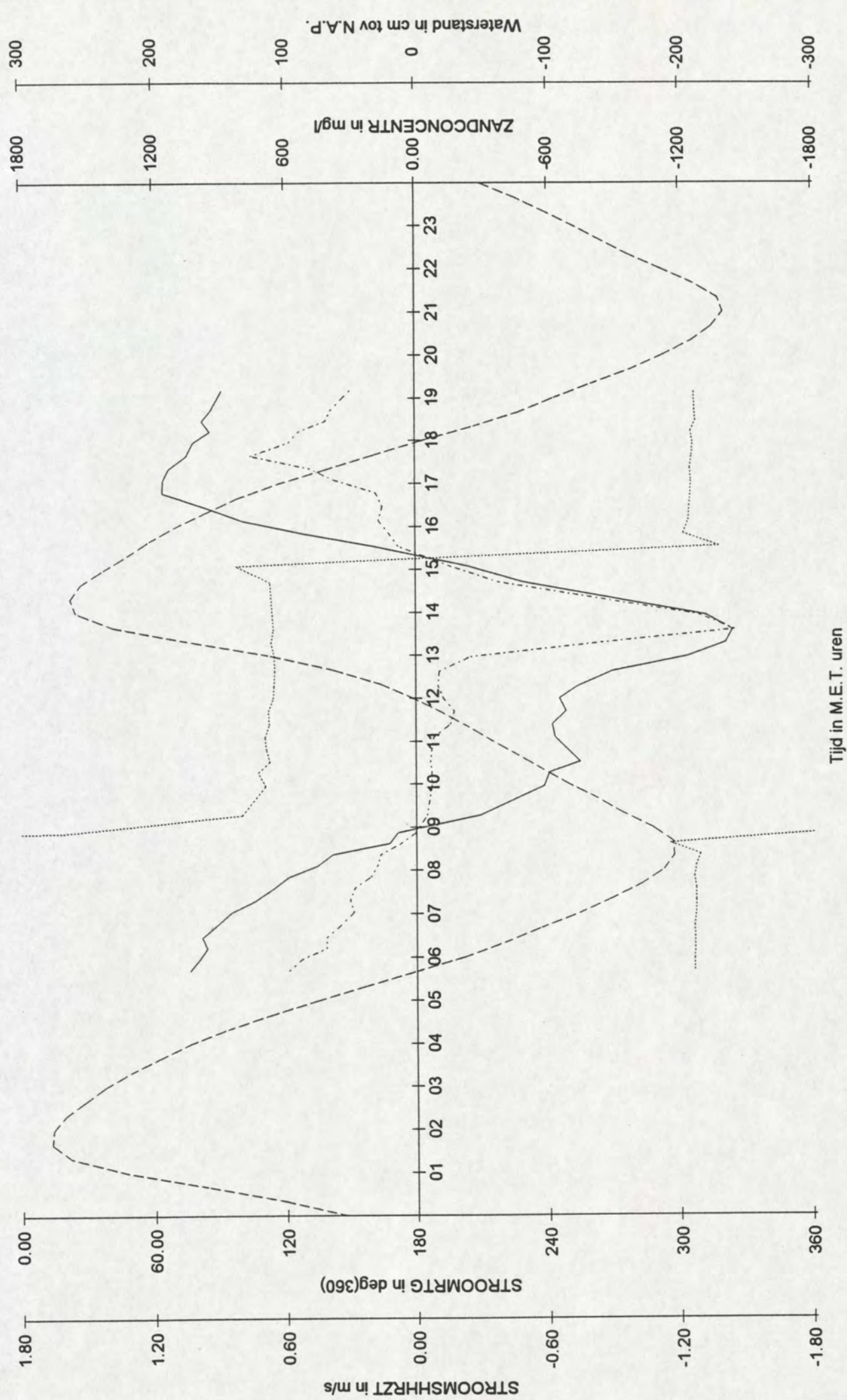
STROOMSHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen



STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

Raanaam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



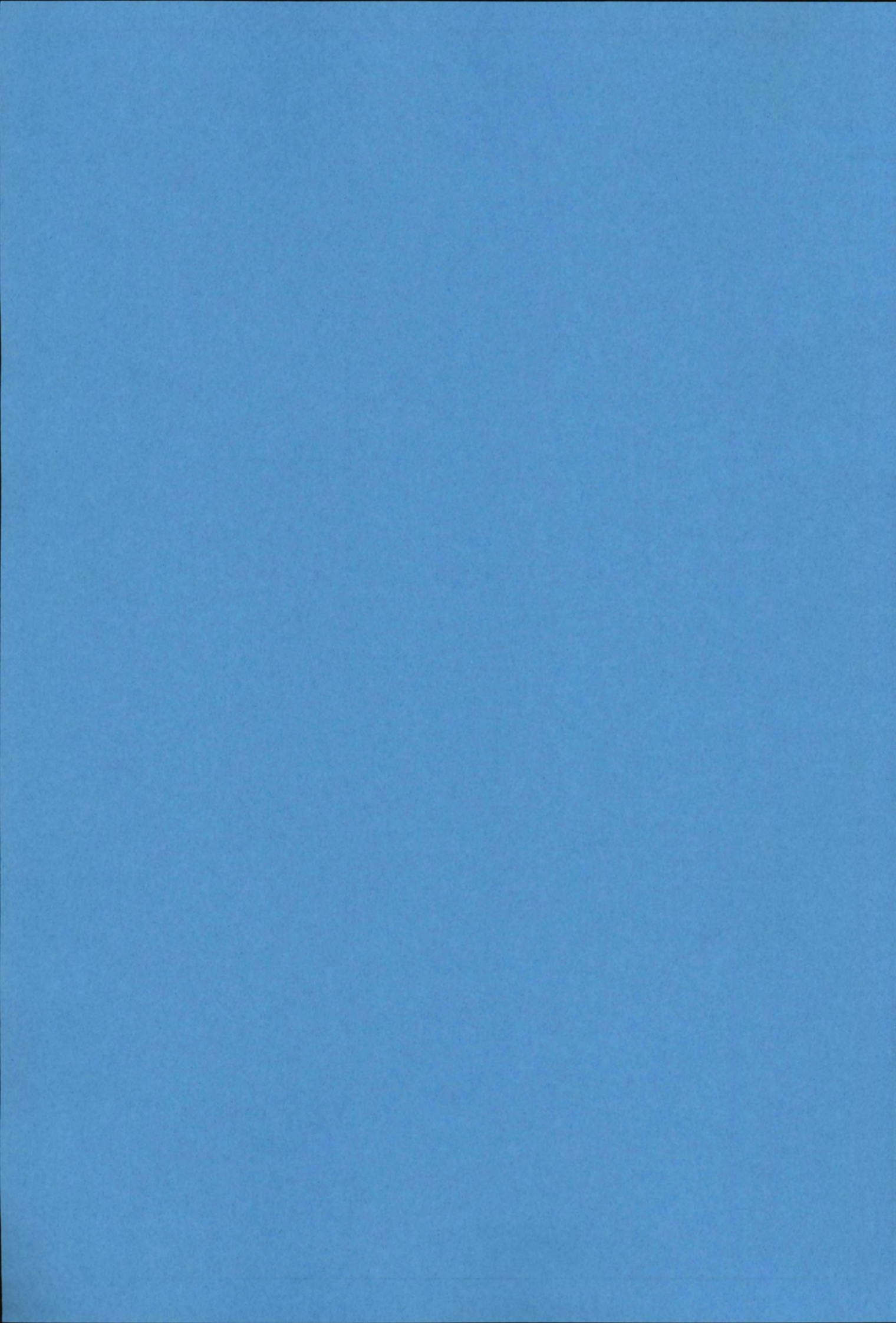
Tijd in M.E.T. uren

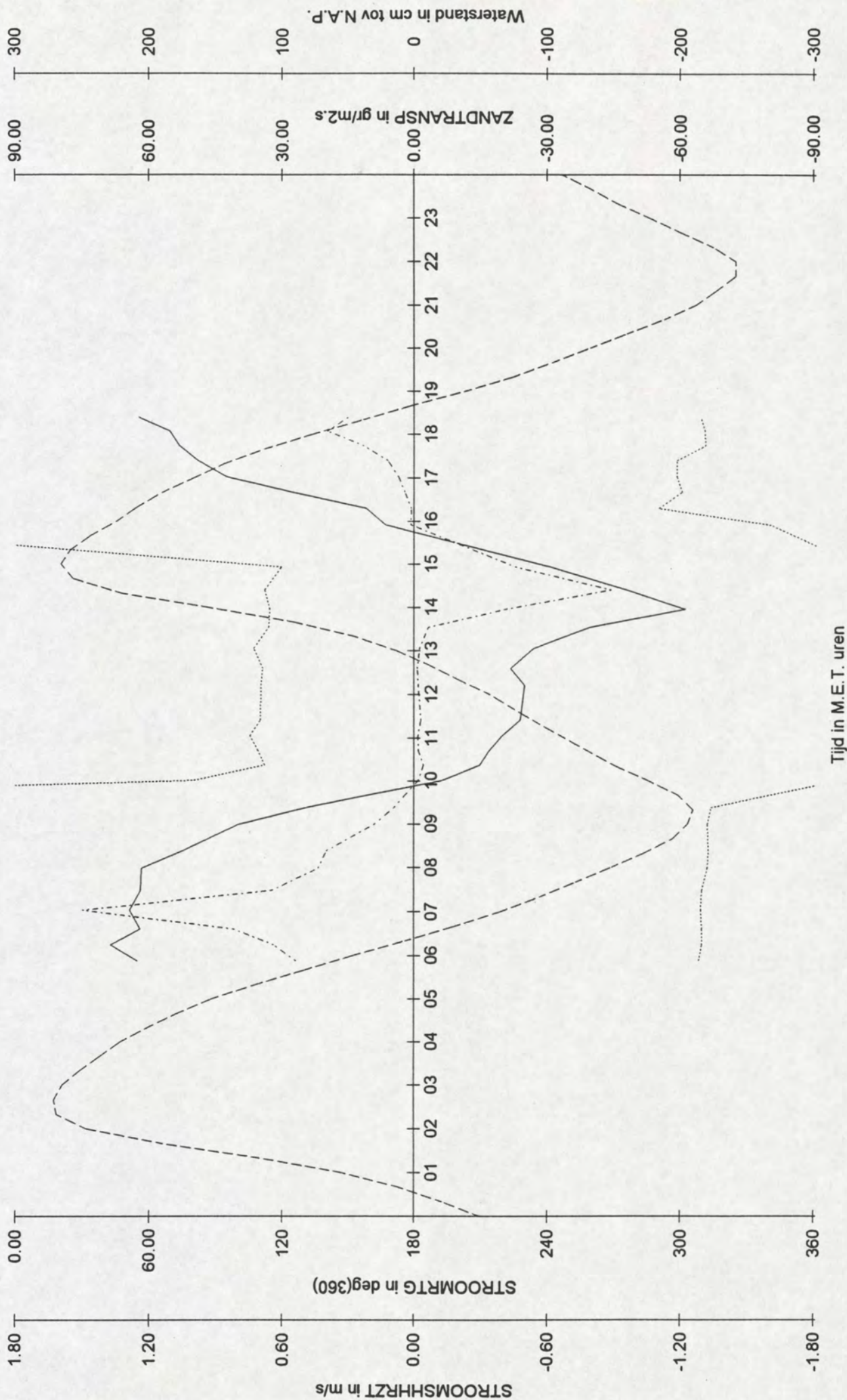
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

11. Gemiddelde krommen stroom en zandtransport

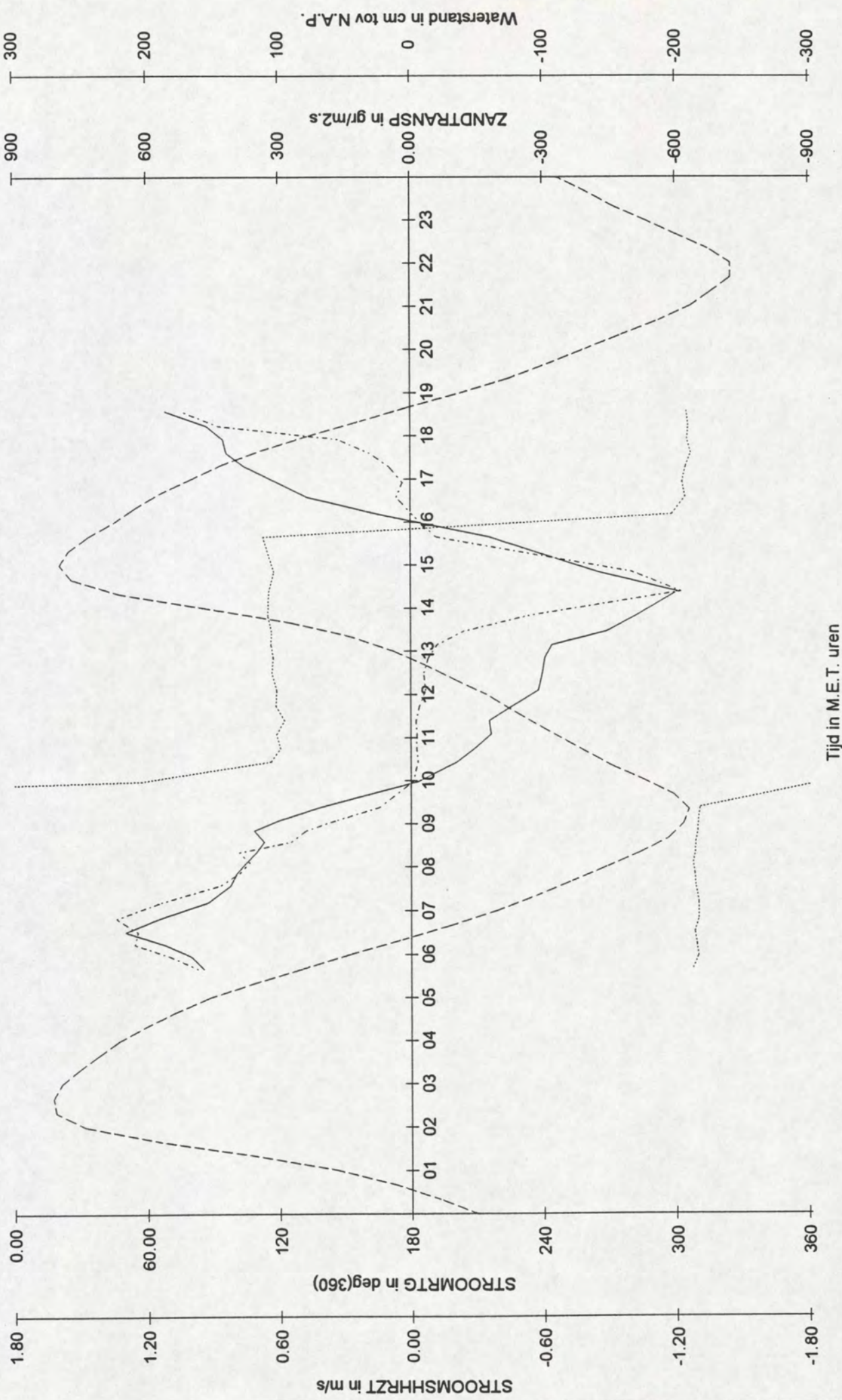




Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai 7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : Sierix MP.1

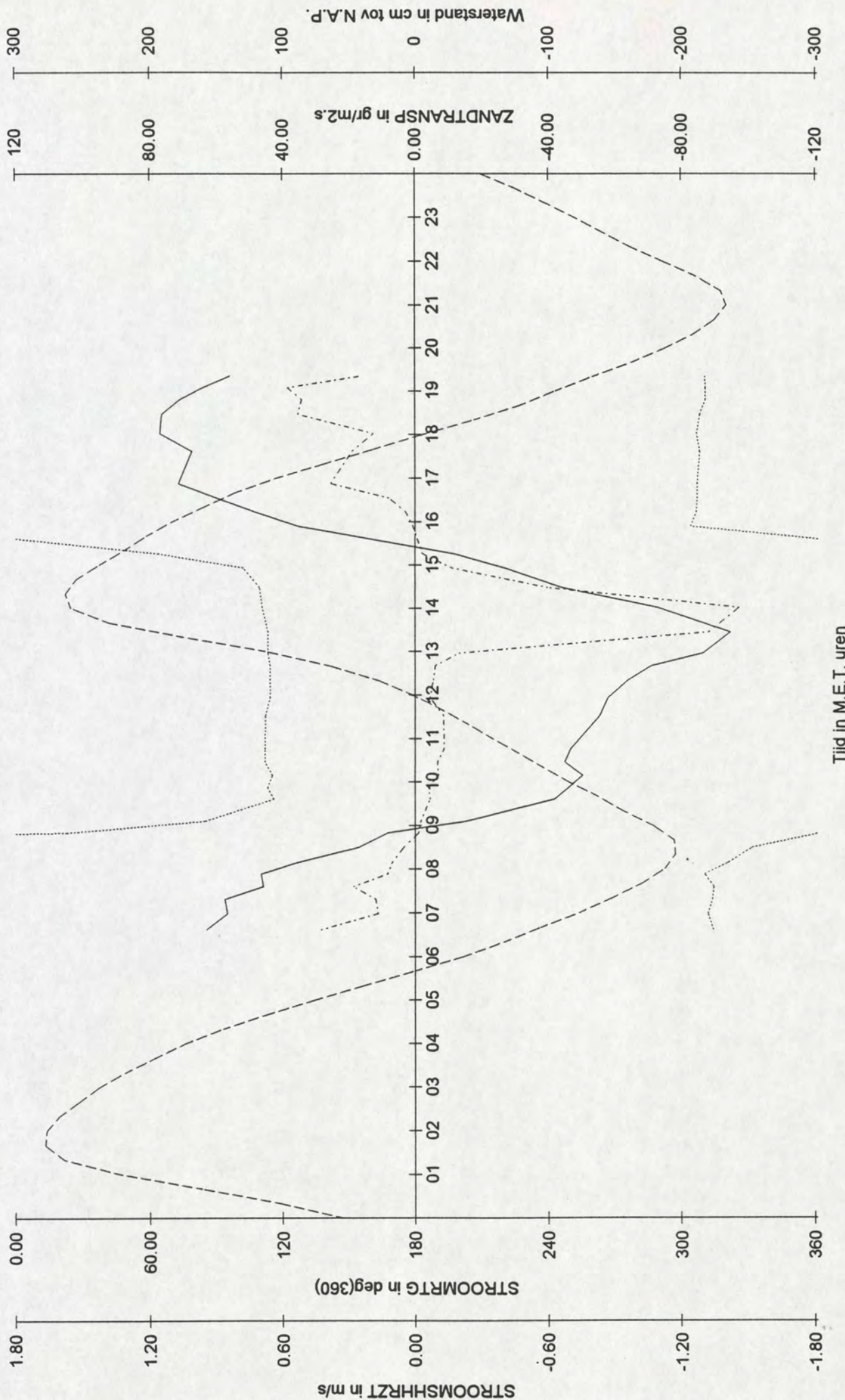
STROOMSHRZT
STROOMRTG
ZANDTRANS
Waterstand te Terneuzen



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

STROOMSHHRZT
STROOMMRTG
ZANDTRANSP
Waterstand te Terneuzen

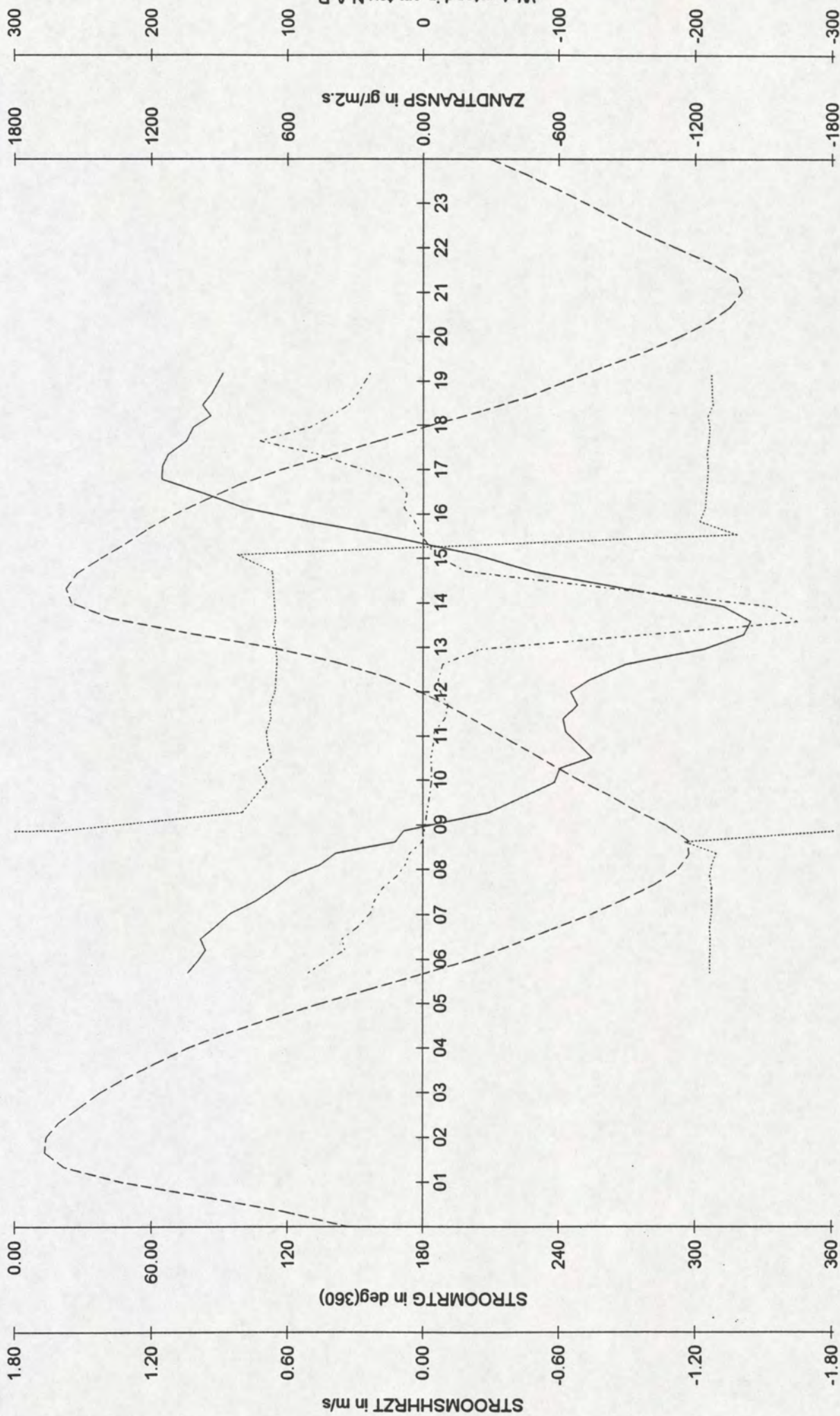


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Terneuzen



Tijd in M.E.T. uren

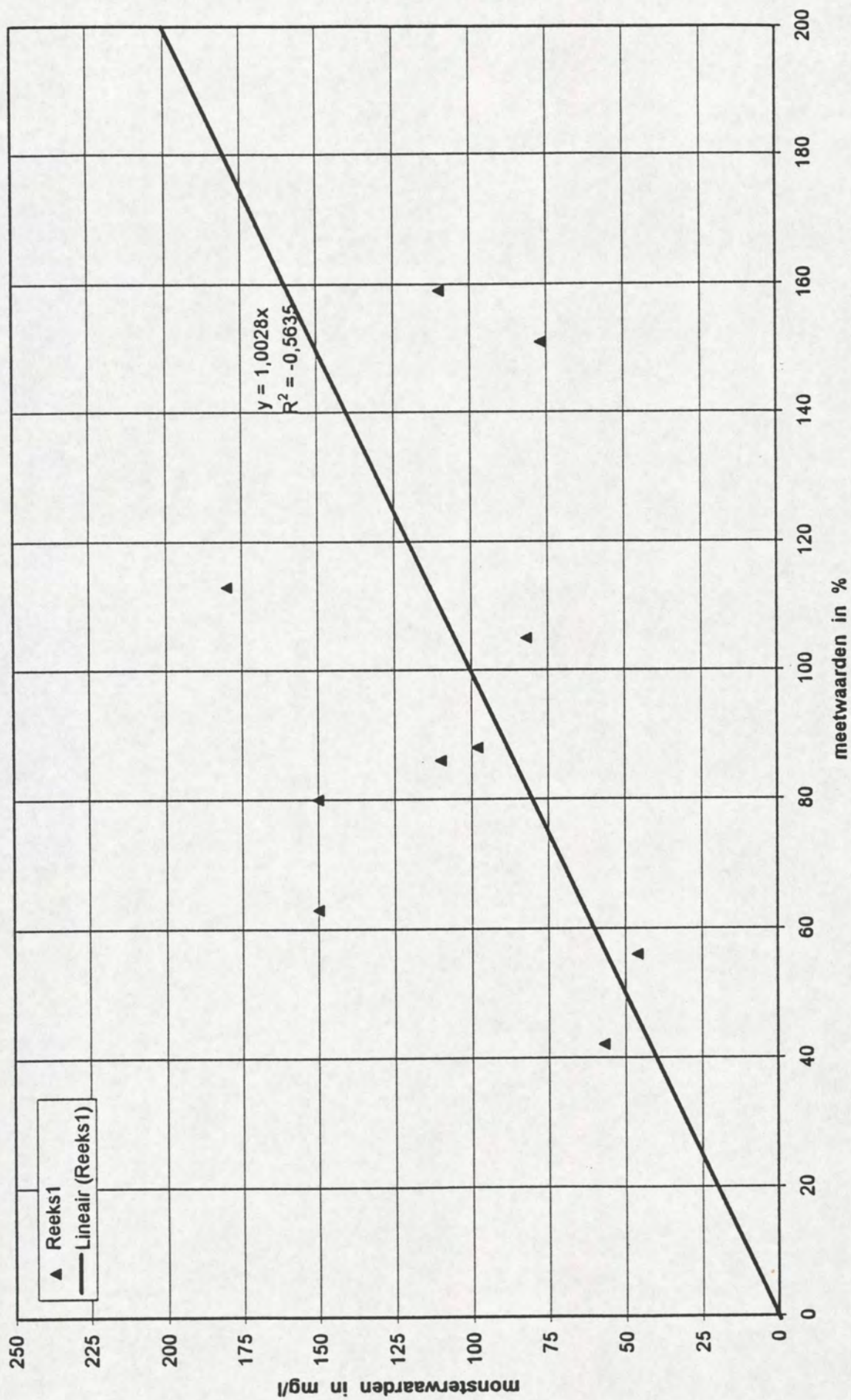
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

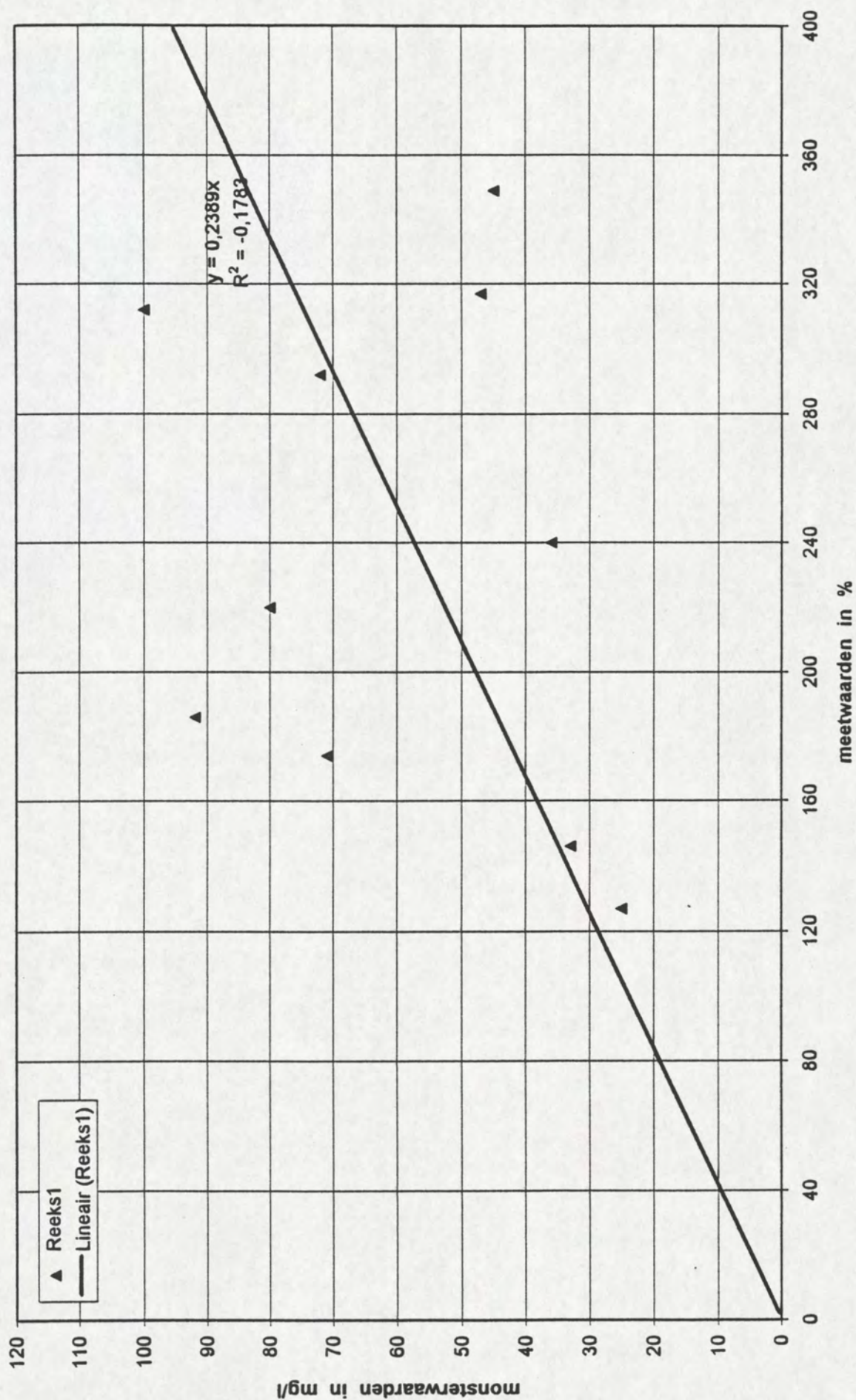
STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Terneuzen

12. IJklijnen MEX

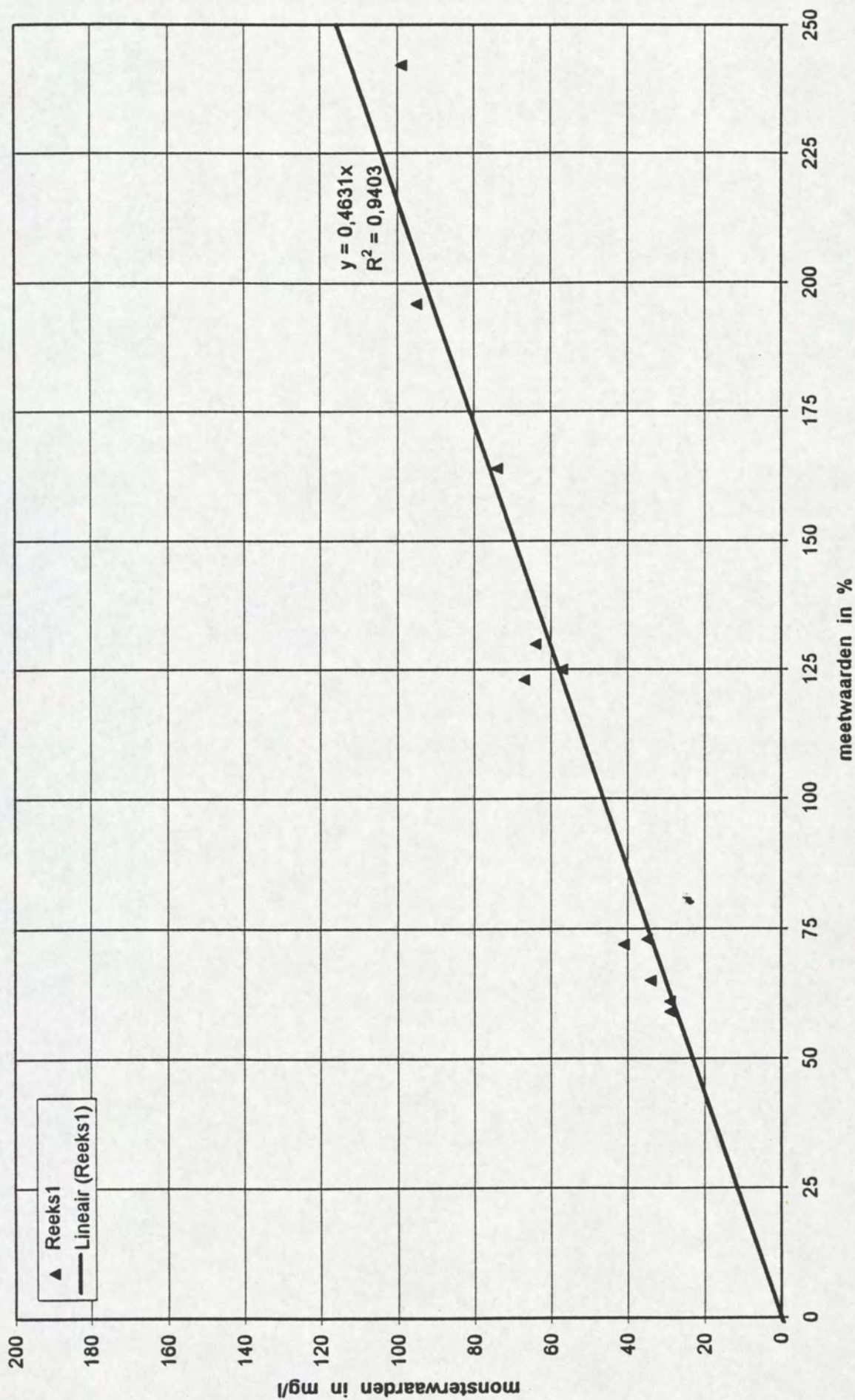
IJklijn MEX Sierix
Raai 7 mp. 1
12 augustus 1999



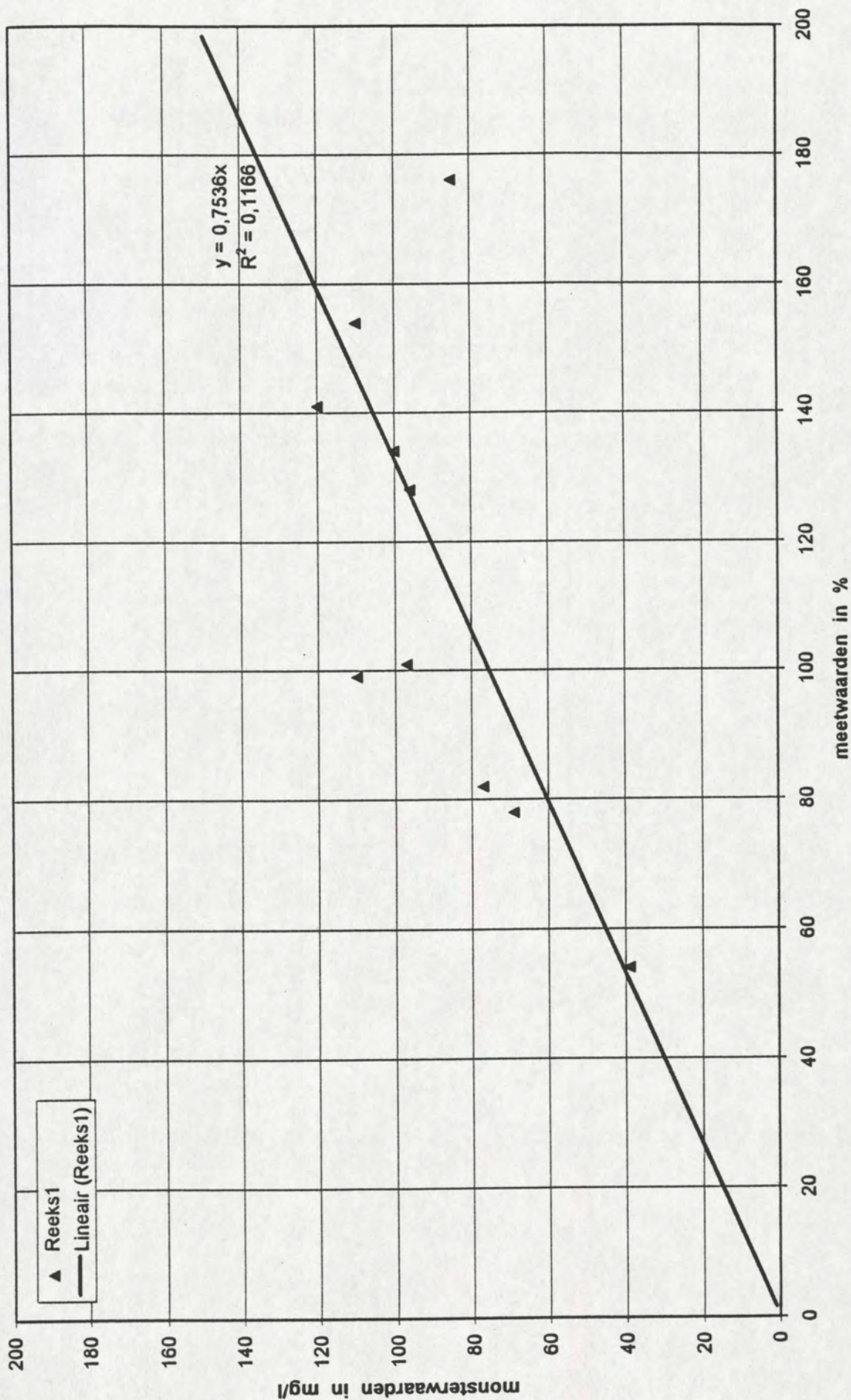
IJklijn MEX Kaloo
Raai 7 mp. 2
12 augustus 1999



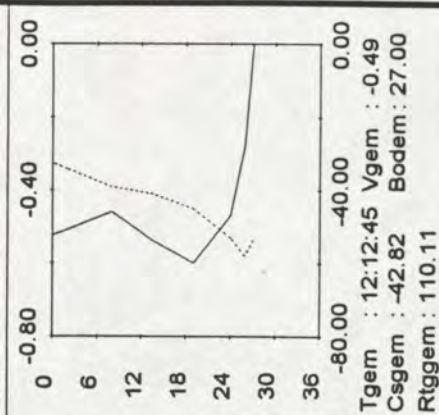
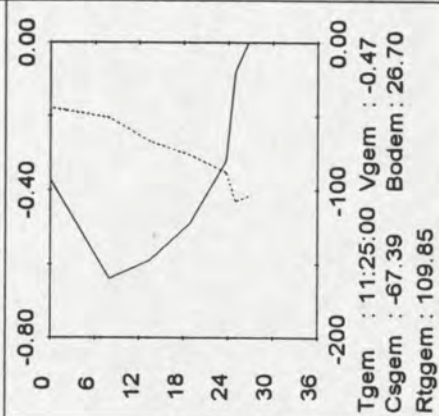
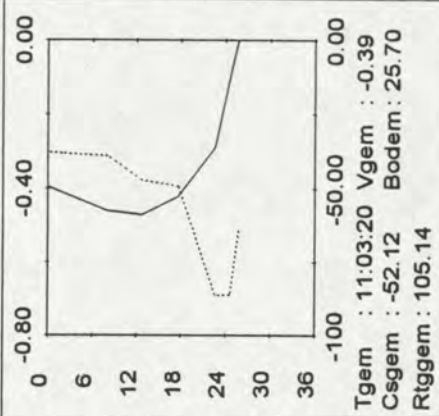
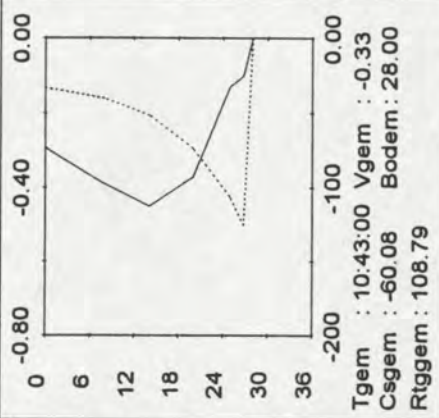
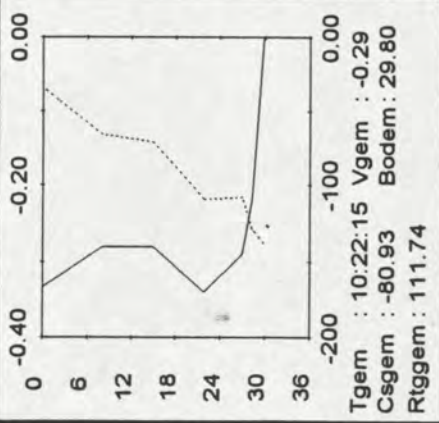
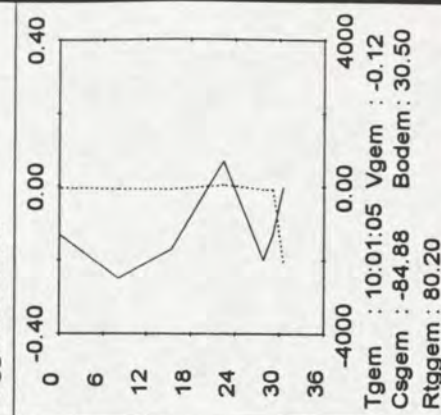
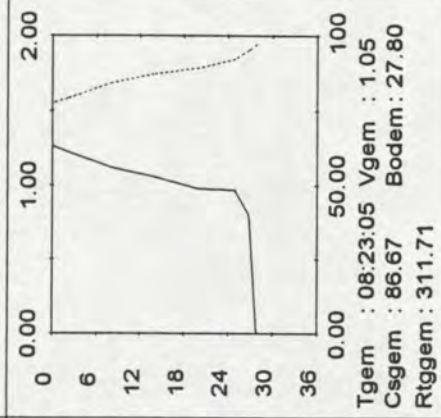
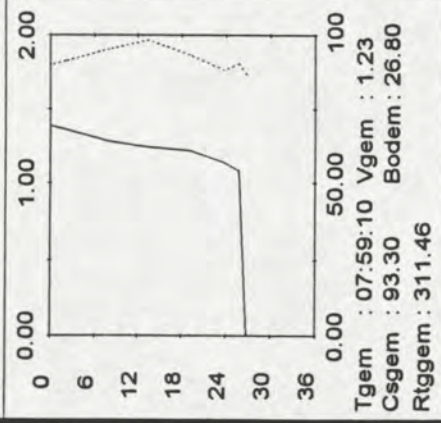
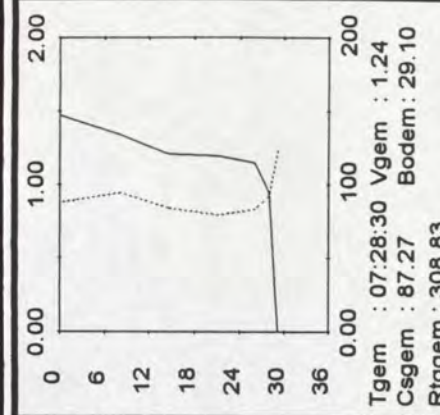
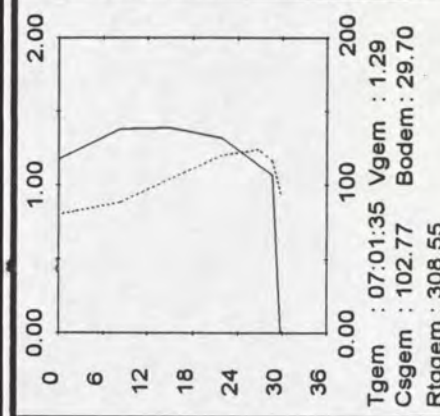
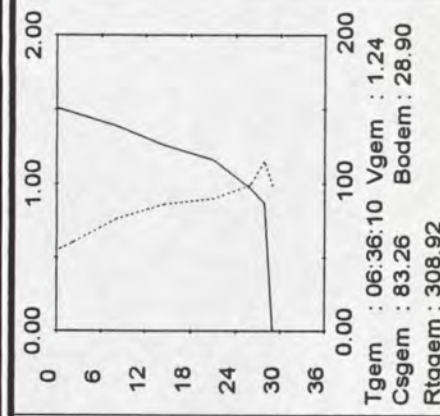
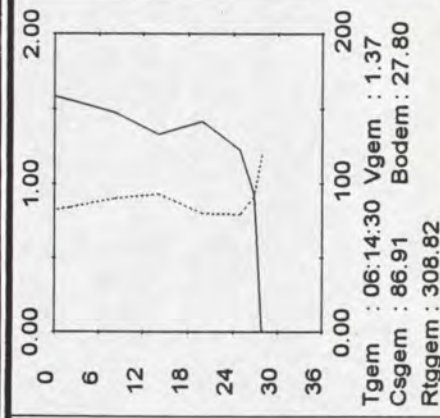
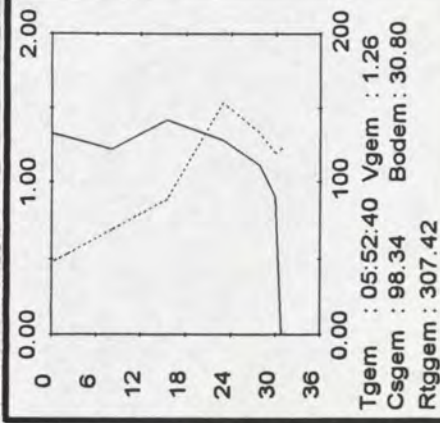
IJklijn MEX Sierix
Raai 7 mp. 3
11 augustus 1999



IJklijn MEX Kaloo
Raai 7 mp. 4
11 augustus 1999



13. Vertikalen slibconcentratie



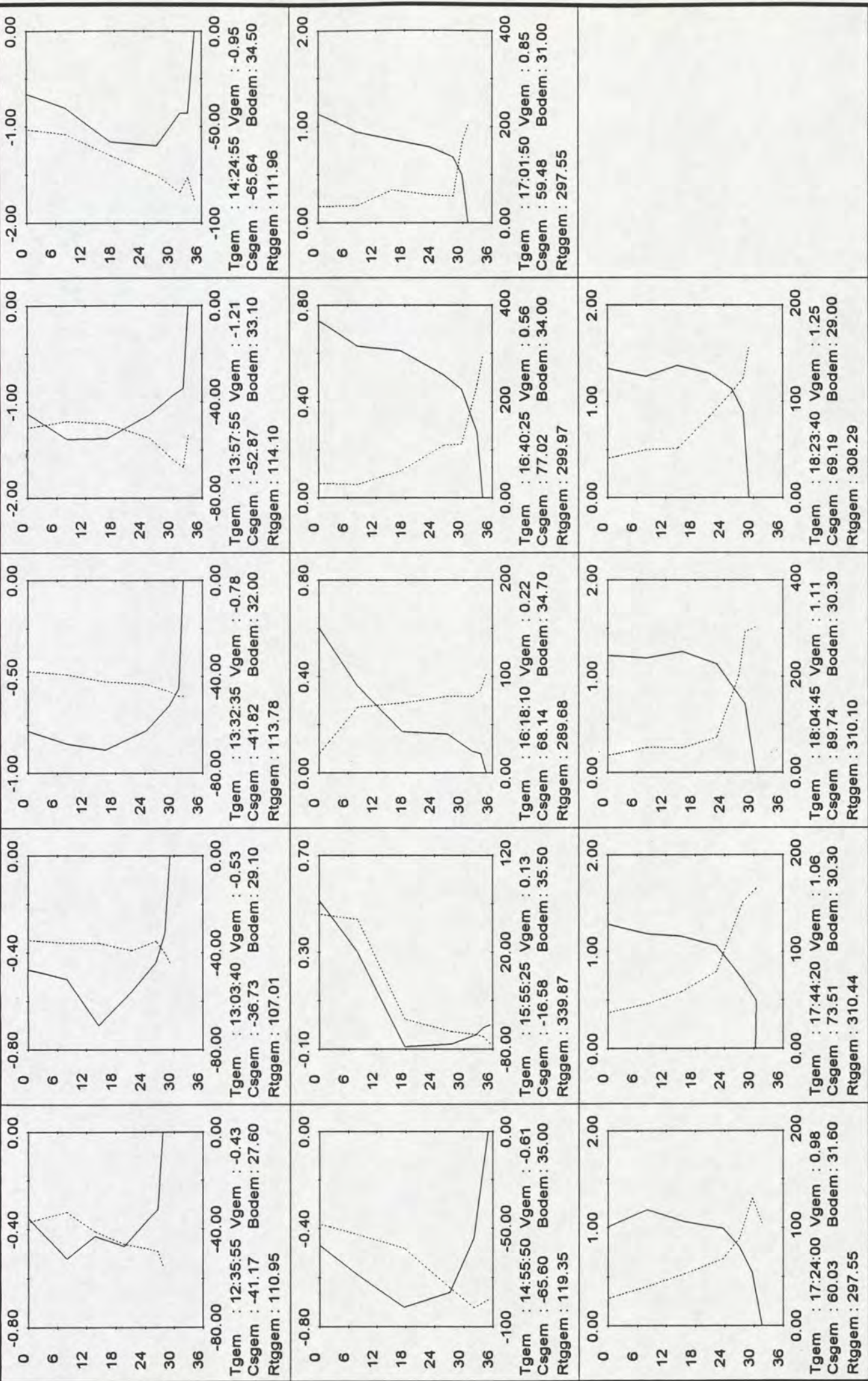
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

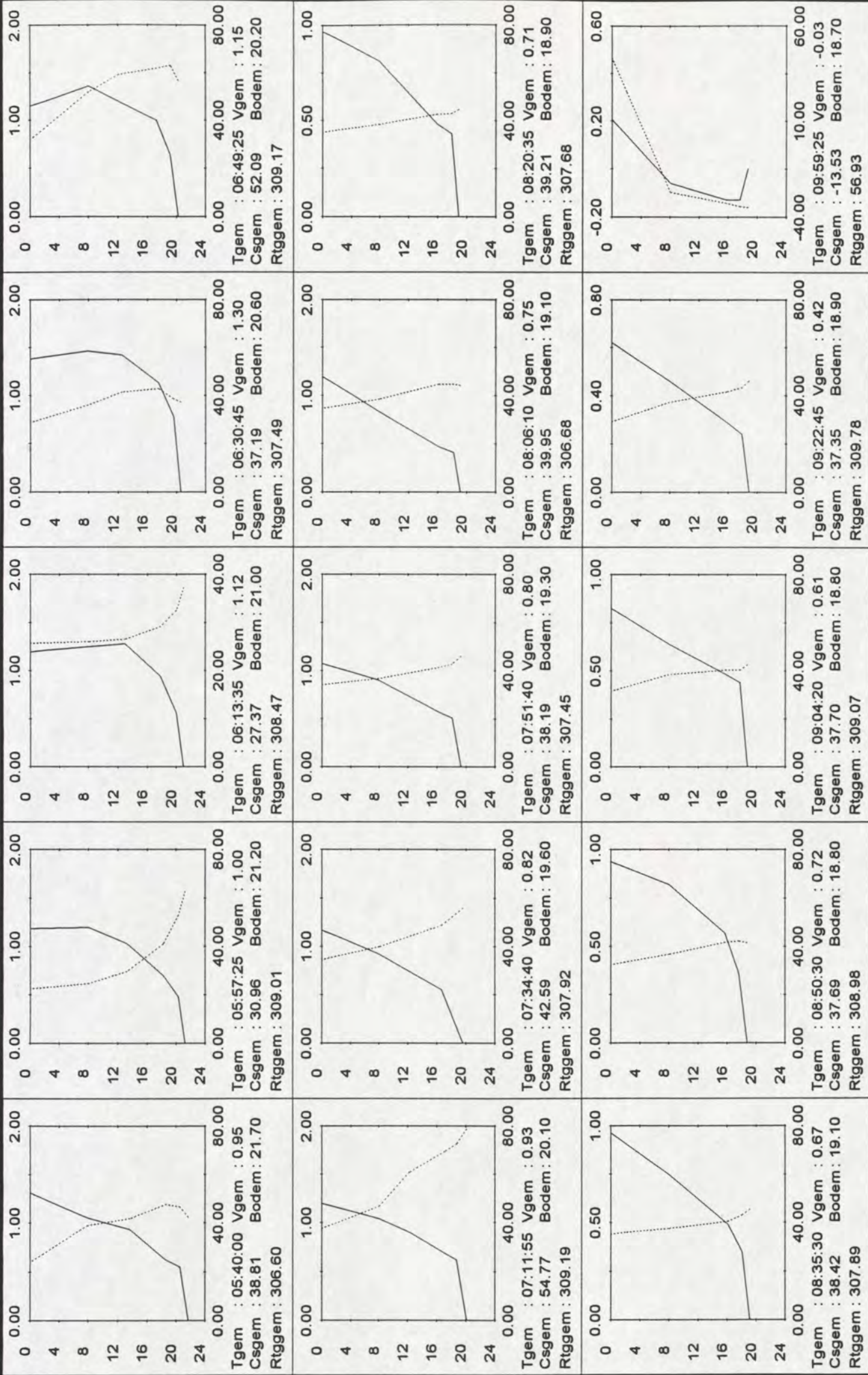
Raainaam : Debietraai7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SierixMP.1

Tgem	: Gemiddelde tijd in uur:min:sec.
Csgem	: Gemiddelde SLIBCONCENTR
Rtgem	: Gemiddelde STROOMRTG in
Bodem	: Bodernhoogte in M

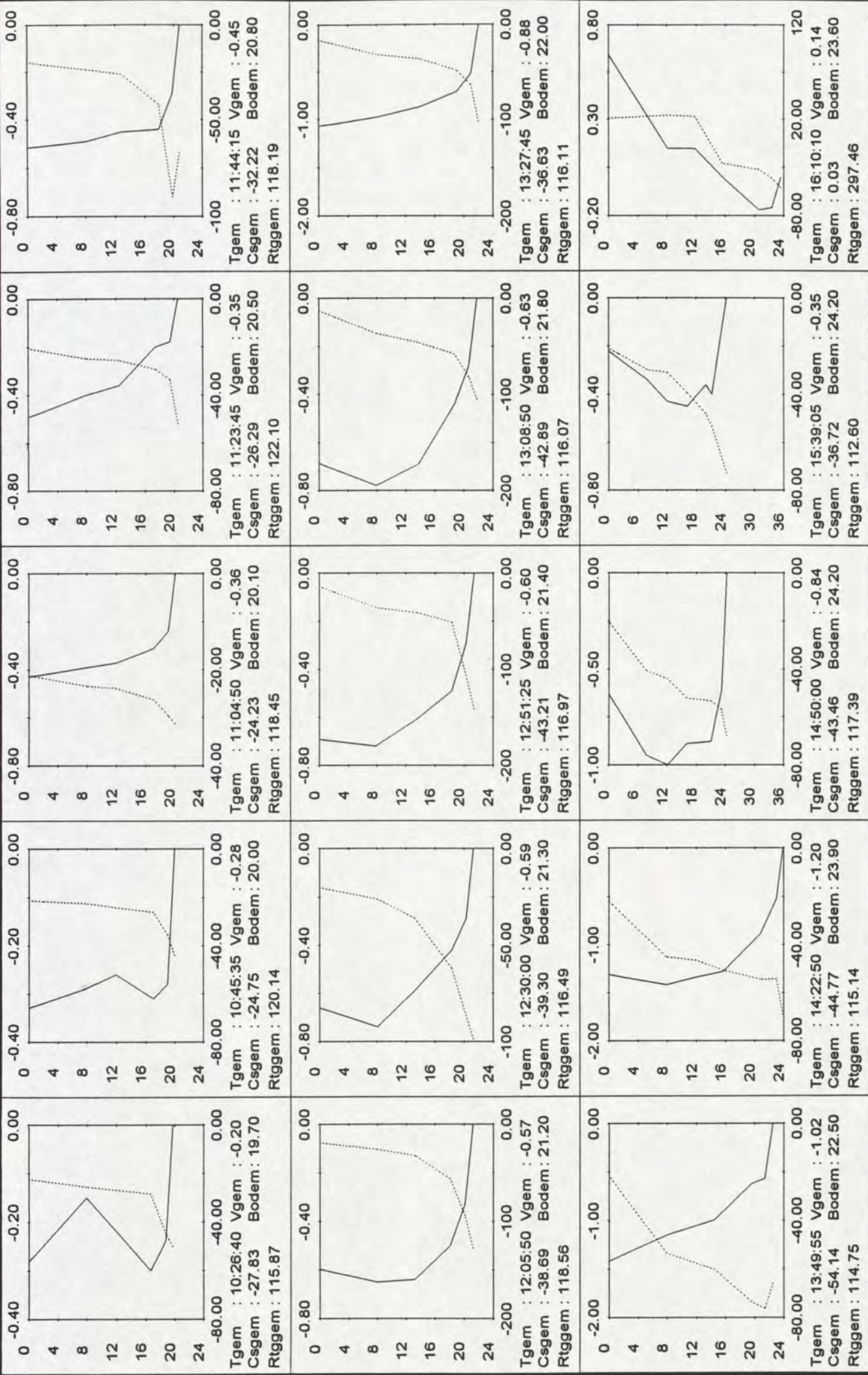
Vgem	: Gemiddelde STROOMSHRZT in m/s
1 Y as	: Diepte in M
X as boven	: STROOMSHRZT in cm/s
X as onder	: SLIBCONCENTR in mg/l

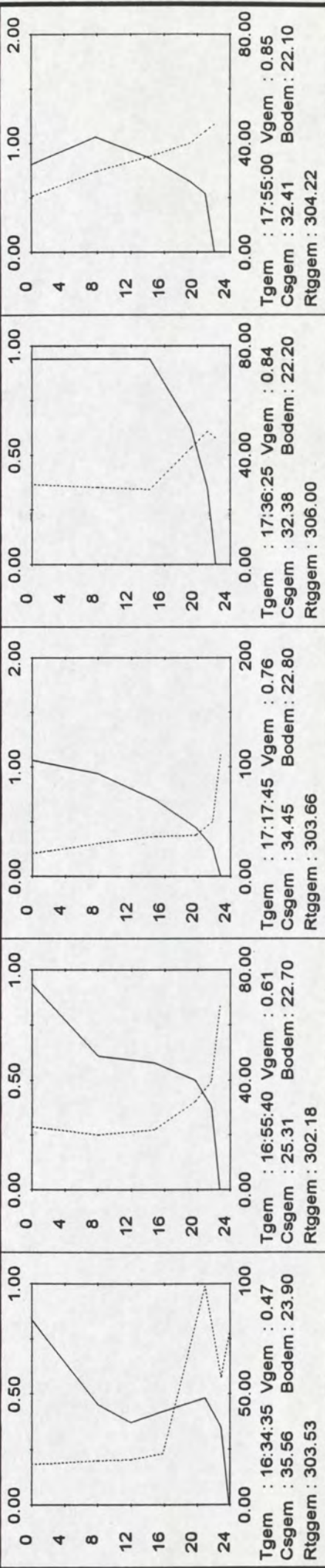
STROOMSHRZT
SLIBCONCENTR



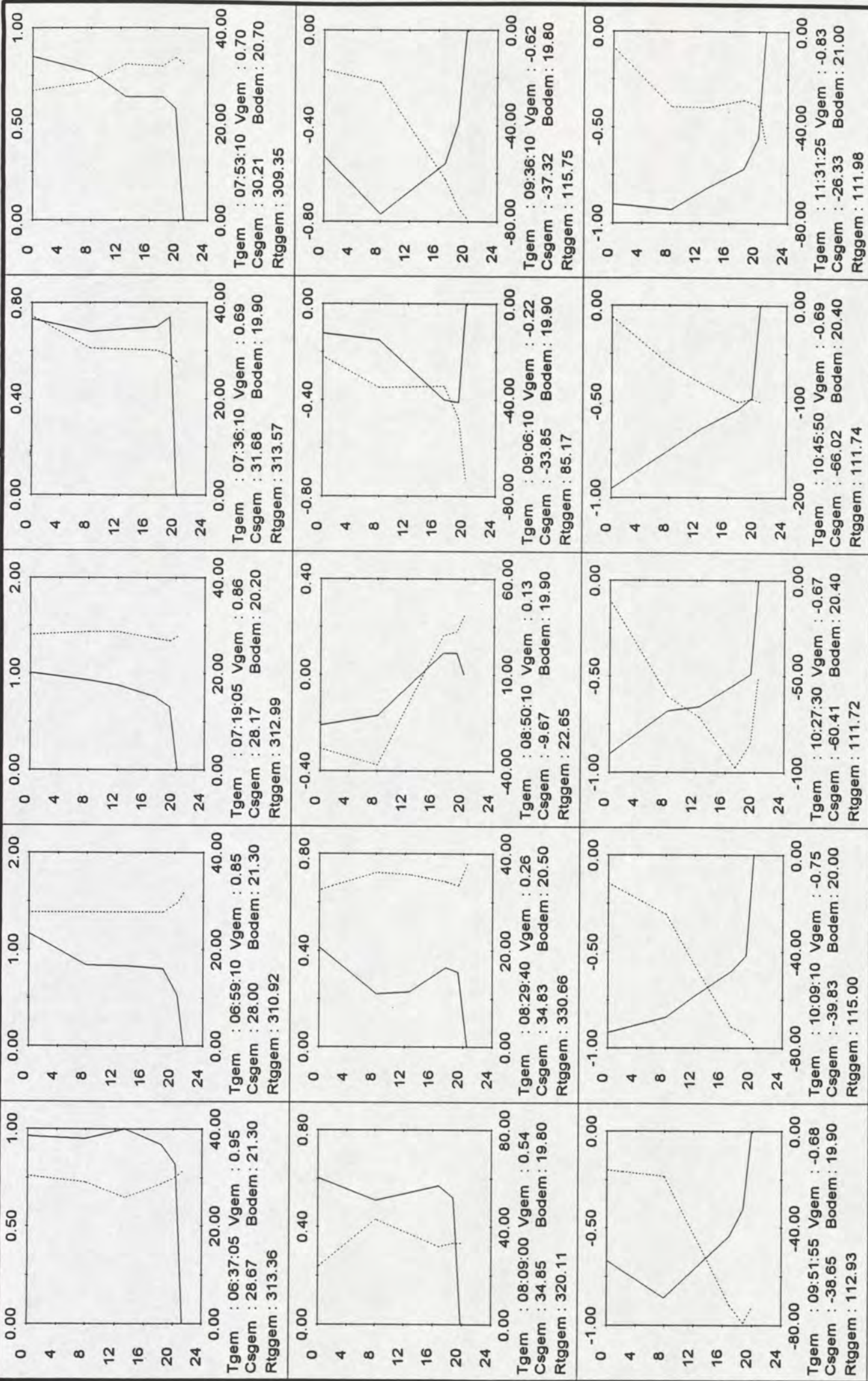


Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raaienaam : Debietraai7	Tgem	Gemiddelde tijd in uur:min:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname : 12/08/1999	Csgem	Gemiddelde SLIBCONCENTR in mg/l	Y as	Diepte in M	SLIBCONCENTR
	Streefvoetmaat : 669	Rtggem	Gemiddelde STROOMRTG in deg(360X as boven	X as	STROOMSHRZT in cm/s	
	Vaartuig : KaloMP.2	Bodem	Bodemhoogte in M	X as onder	SLIBCONCENTR in mg/l	

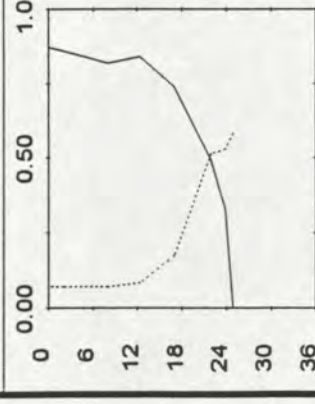
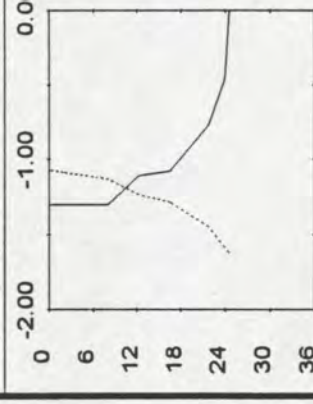
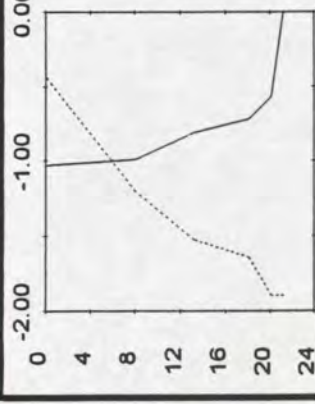
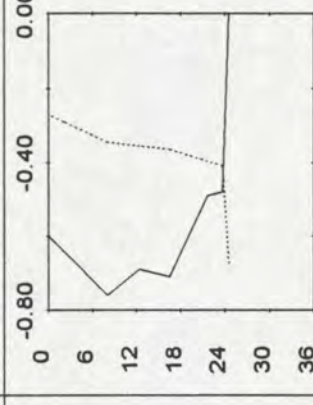
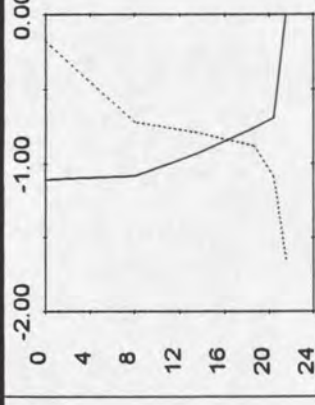
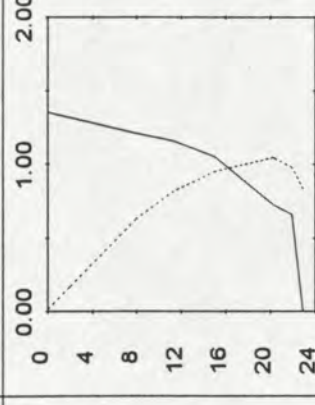
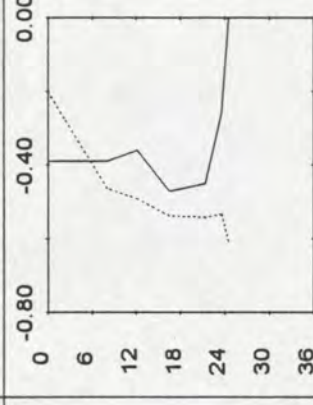
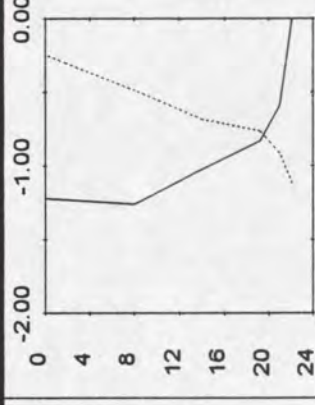
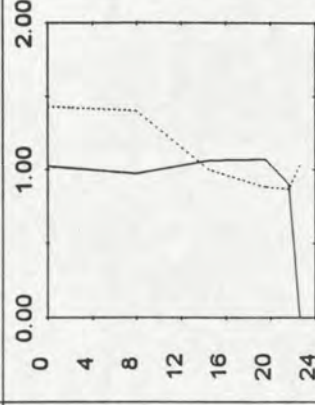
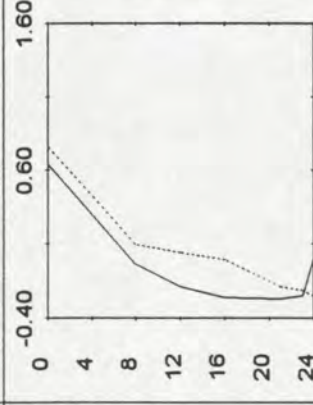
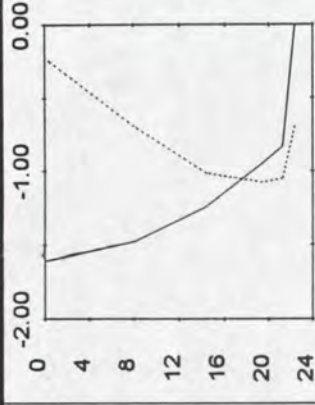
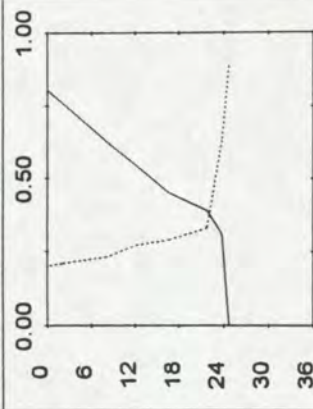




Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raainaam	: Debietraai7	Tgem	: Gemiddelde tijd in uur:min:sec.	Vgem	: Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname	: 12/08/1999	Csgem	: Gemiddelde SLIBCONCENTR in mg/l	Y as	: Diepte in M	SLIBCONCENTR
	Streefvoetmaat	: 669	Rtggem	: Gemiddelde STROOMRTG in deg(360X as boven	X as	: STROOMSHRZT in cm/s	
	Vaartuig	: KaloMP.2	Bodem	: Bodemhoogte in M	onder	: SLIBCONCENTR in mg/l	



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raai naam : Debietaal7	Tgm	Gemiddelde tijd in uur:min:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname : 11/08/1999	Csgem	Gemiddelde SLIBCONCENTR in mg/l	Y as	Diepte in M	SLIBCONCENTR
	Streefvoetmaat : 3477	Rtggem	Gemiddelde STROOMRTG in deg(360X as boven	X as	STROOMSHRZT in cm/s	
	Vaartuig : SierixMP.3	Bodem	Bodemhoogte in M	X as onder	SLIBCONCENTR in mg/l	



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raaienaam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

Tgem : Gemiddelde tijd in uur:min:sec.
Cgem : Gemiddelde SLIBCONCENTR
Rgem : Gemiddelde STROOMRTG in
Bodem : Bodemhoogte in M

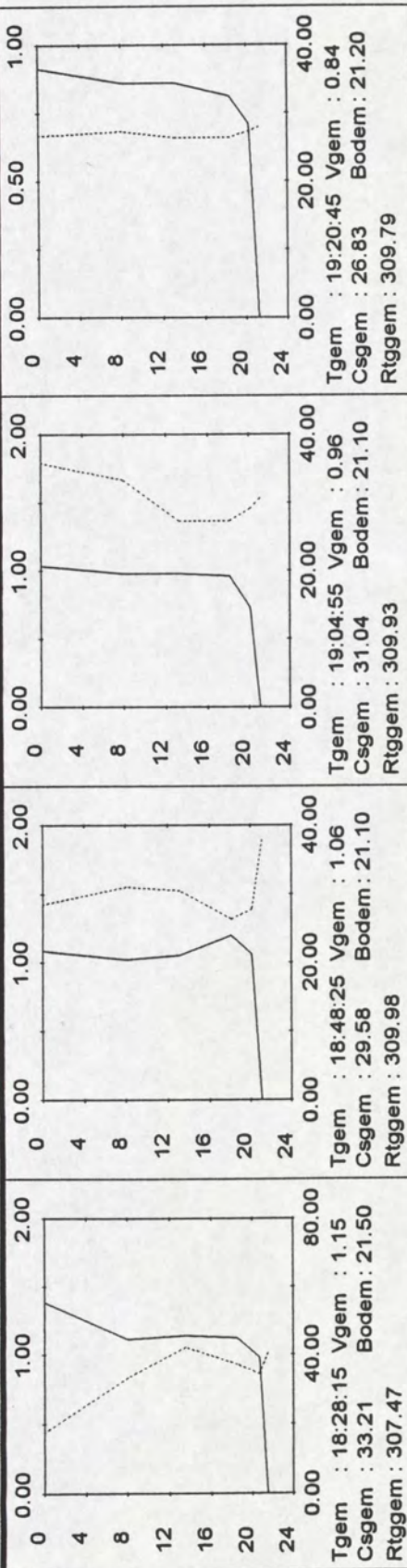
Vgem
mg/l Y as
(360X as boven
X as onder

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

Wielde STROOMSHRZT in m/s
in M
DMSHRZT in cm/s
DNCENTR in mg/l

STROOMSHRZT
SLIBCONCENTR

ROOMSHRZT
IBCONCENTR



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

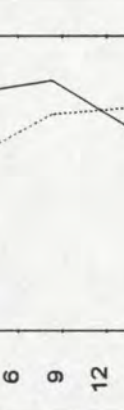
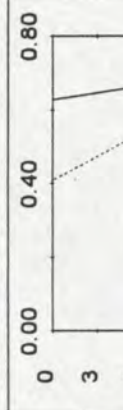
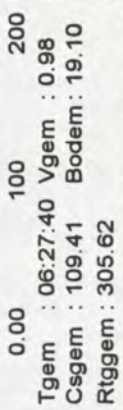
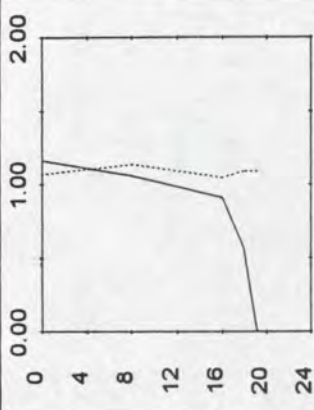
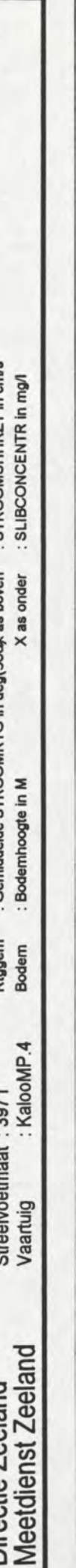
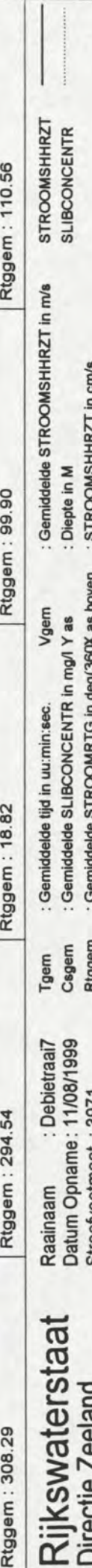
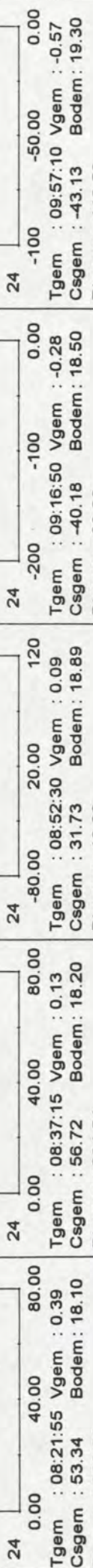
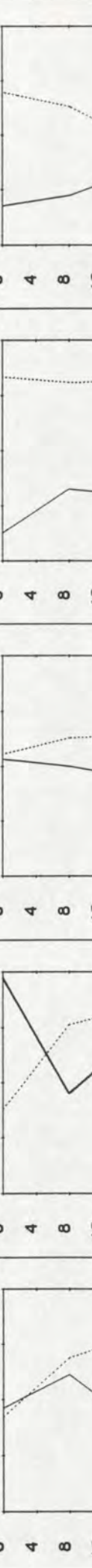
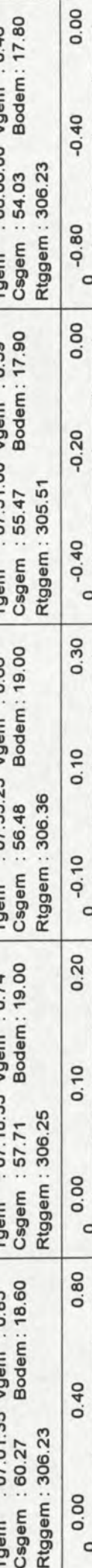
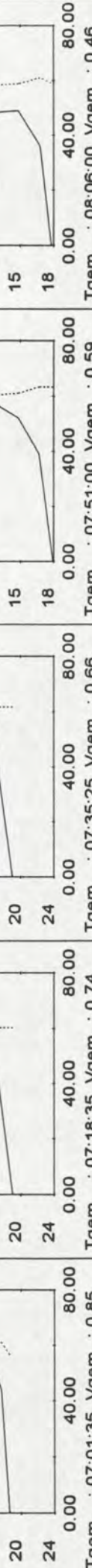
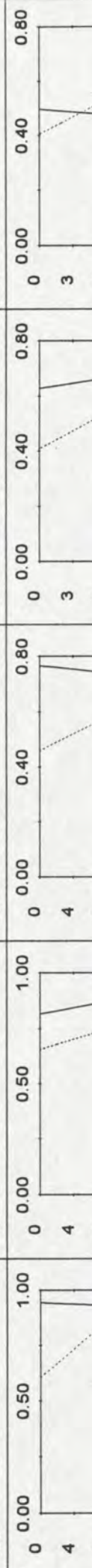
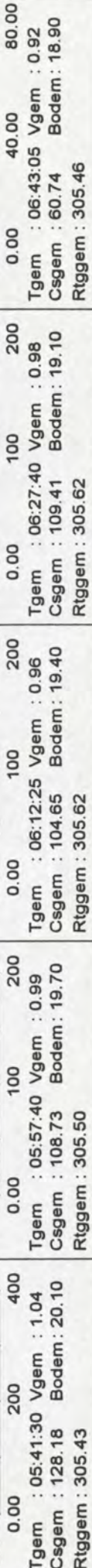
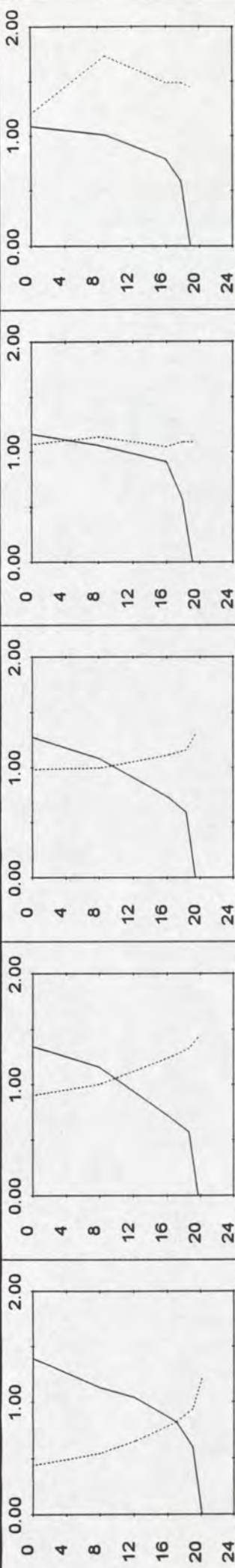
Tgem
Csgem
Rtggem
Bodem

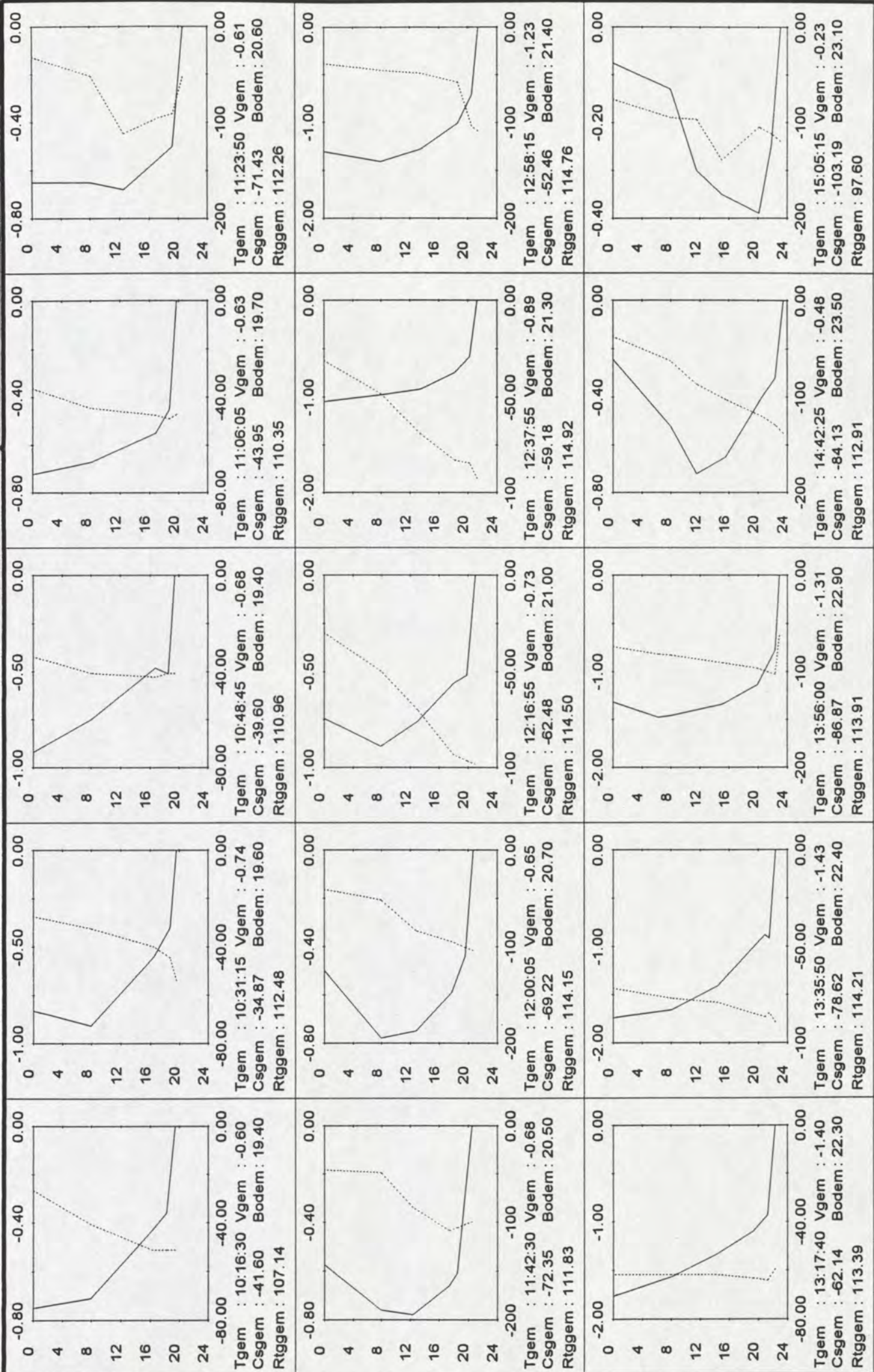
Gemiddelde tijd in uur:min:sec.
Gemiddelde SLIBCONCENTR in mg/l Y as
Gemiddelde STROOMRTG in deg(360)X as boven
Bodemhoogte in M X as onder

Vgem
Y as
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

Raanaam : Debietraal7

Datum Opname : 11/08/1999

Streefvoetmaat : 3971

Vaartuig : KalooMP.4

Gemiddelde tijd in uur:min:sec.

Gemiddelde SLIBCONCENTR in mg/l

Gemiddelde STROOMSHRZT in m/s

Gemiddelde STROOMSHRZT in cm/s

Gemiddelde STROOMRTG in deg(360X as boven

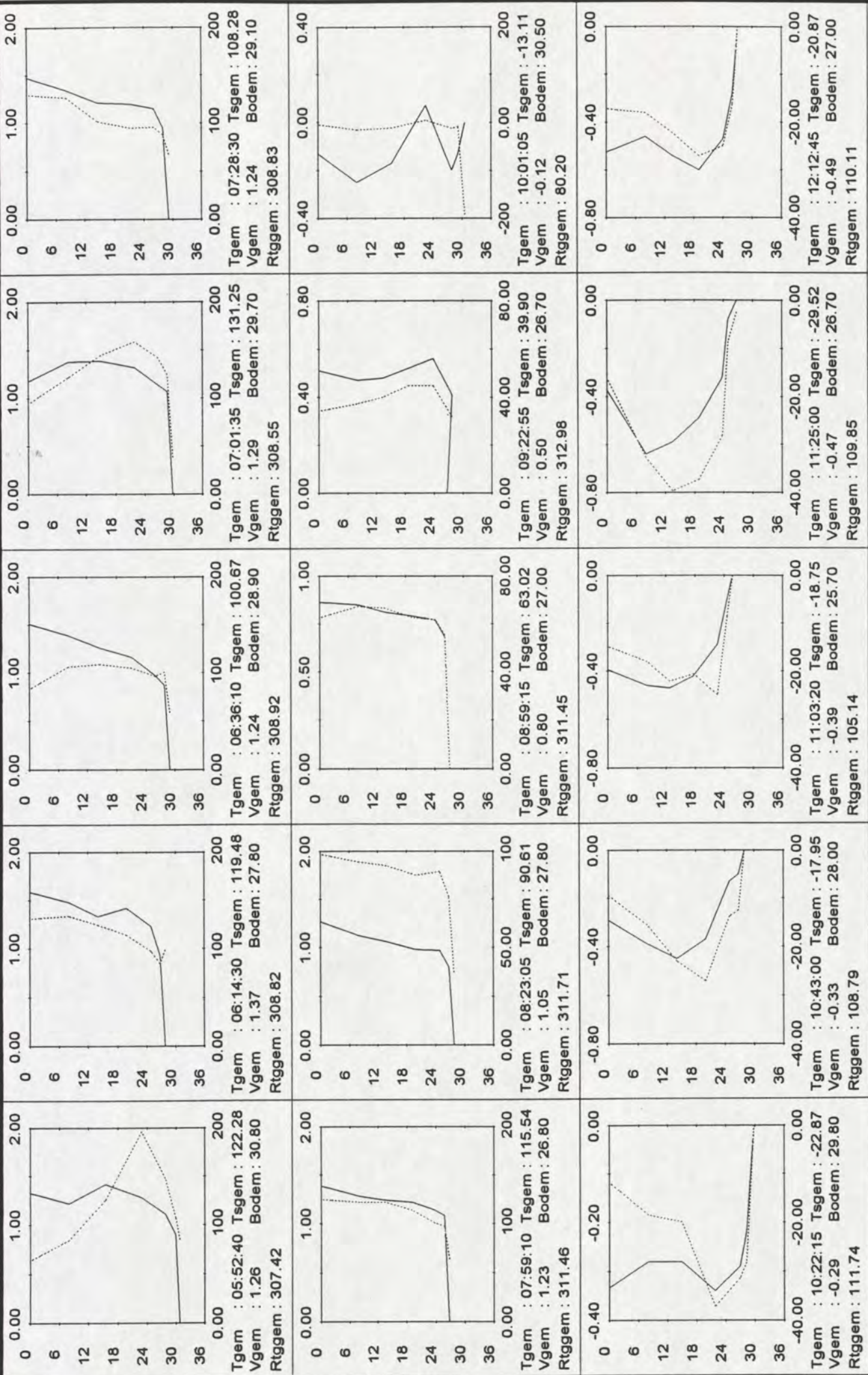
Gemiddelde SLIBCONCENTR in mg/l

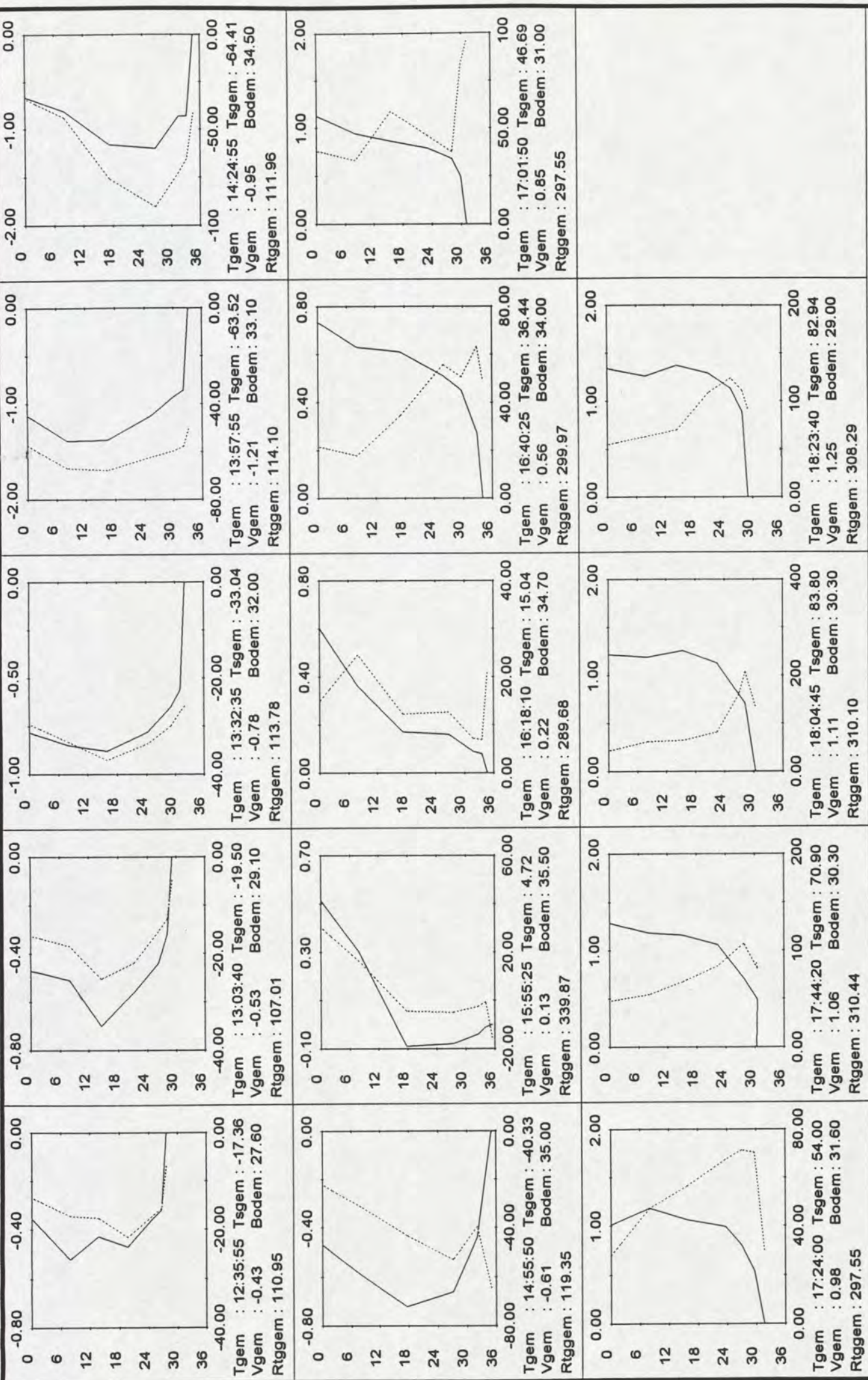
Diepte in M

STROOMSHRZT

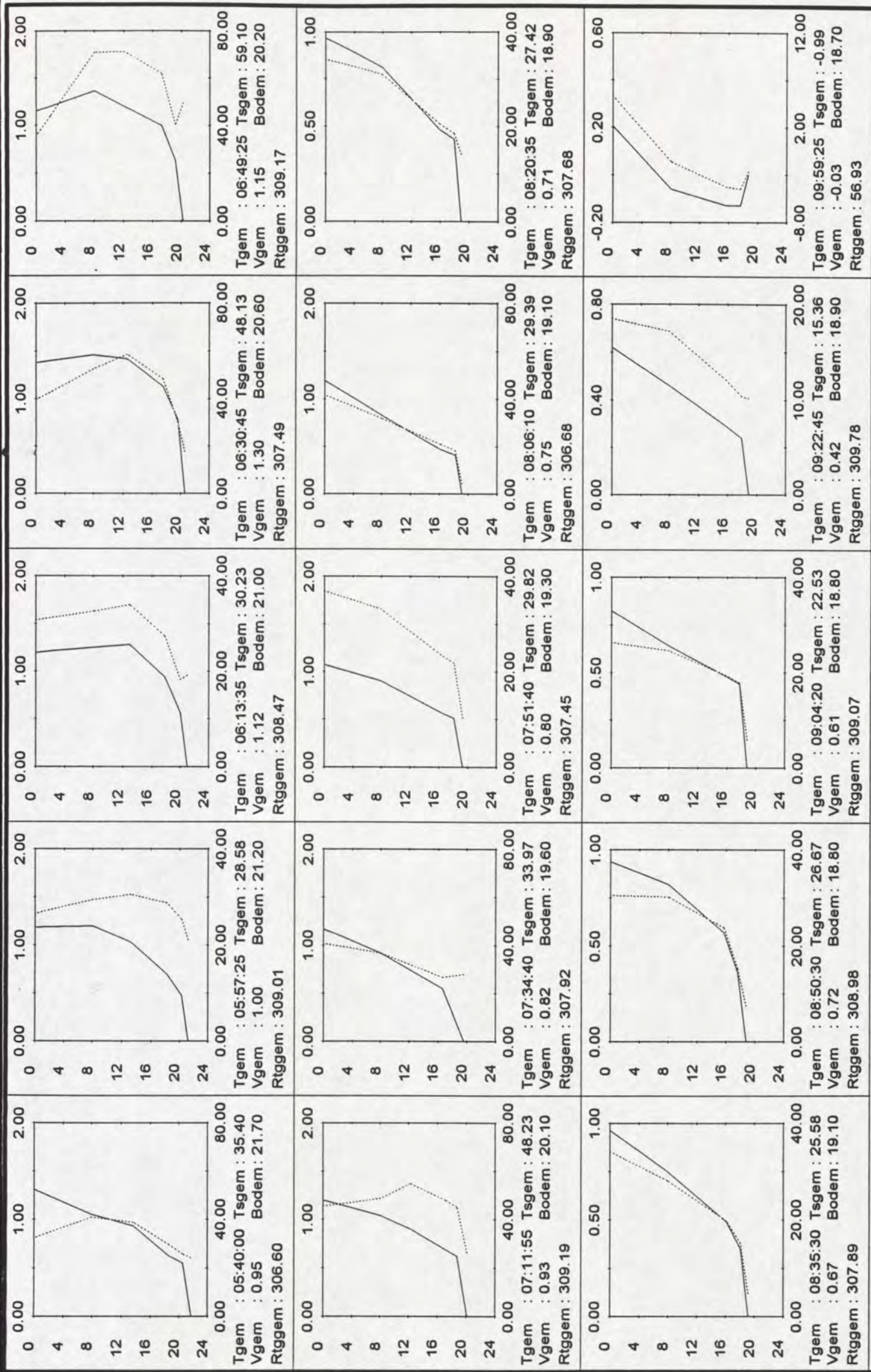
SLIBCONCENTR

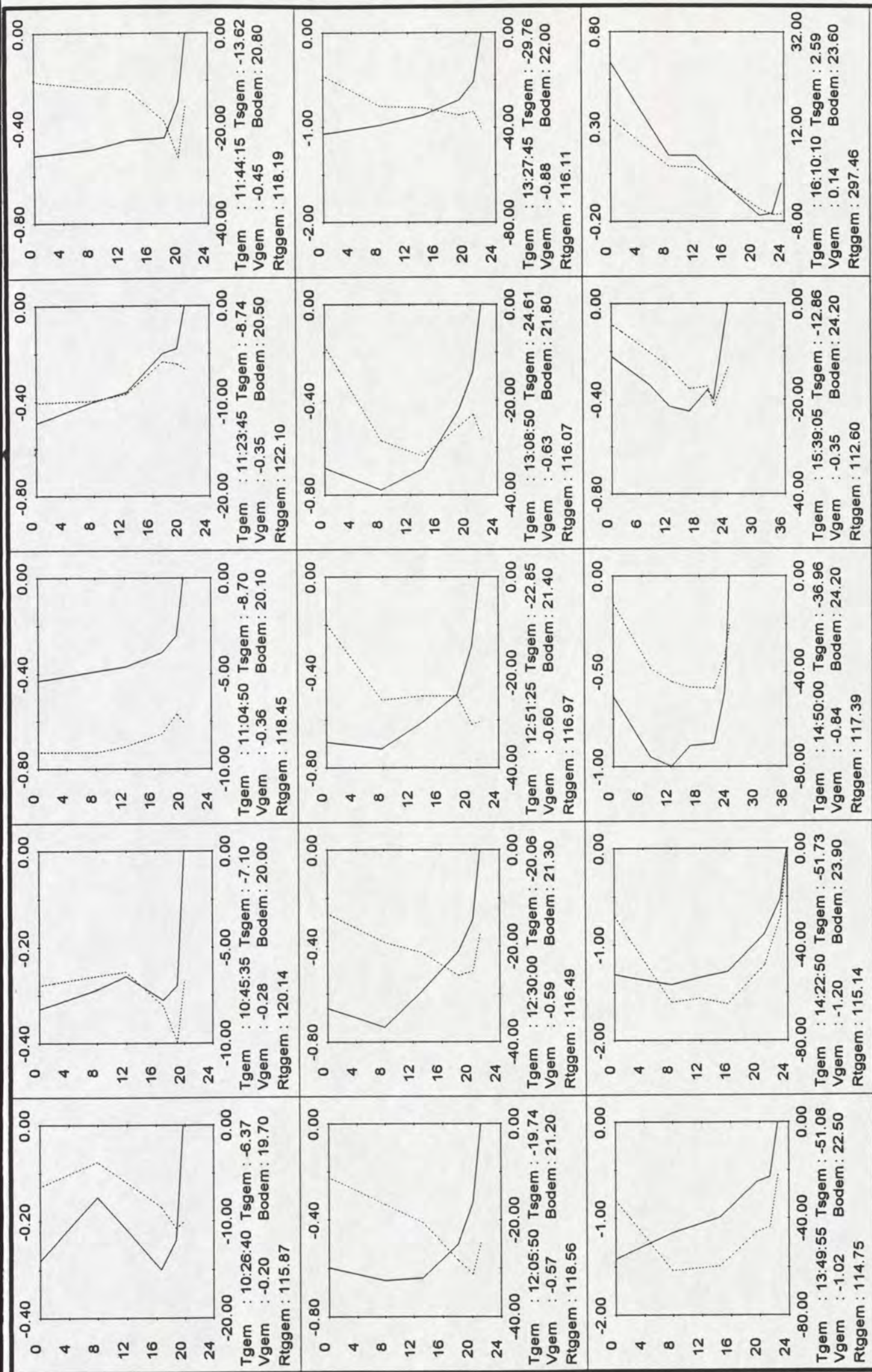
14. Vertikalen slibtransport





Rijkswaterstaat Directie Zeeland Meetdienst Zeeland			Raanaam : Debietraal7 Datum Opname : 12/08/1999 Streefvoetmaat : 141 Vaartuig : SierixMP.1	Tgem : Tsgem : Rtggem : Bodem :	Gemiddelde tijd in uur.min:sec. Gemiddelde SLIBTRANSP in gr/m2.s Gemiddelde STROOMRTG in deg(360)X as boven Bodemhoogte in M	Vgem : Y as X as onder	Gemiddelde STROOMSHHRZT in m/s Diepte in M STROOMSHHRZT in cm/s SLIBTRANSP in gr/m2.s	STROOMSHHRZT SLIBTRANSP
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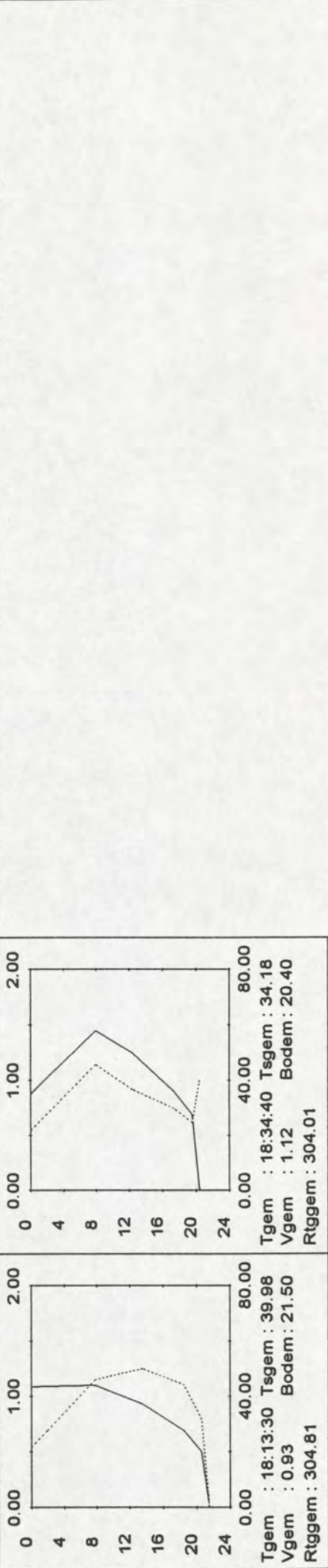
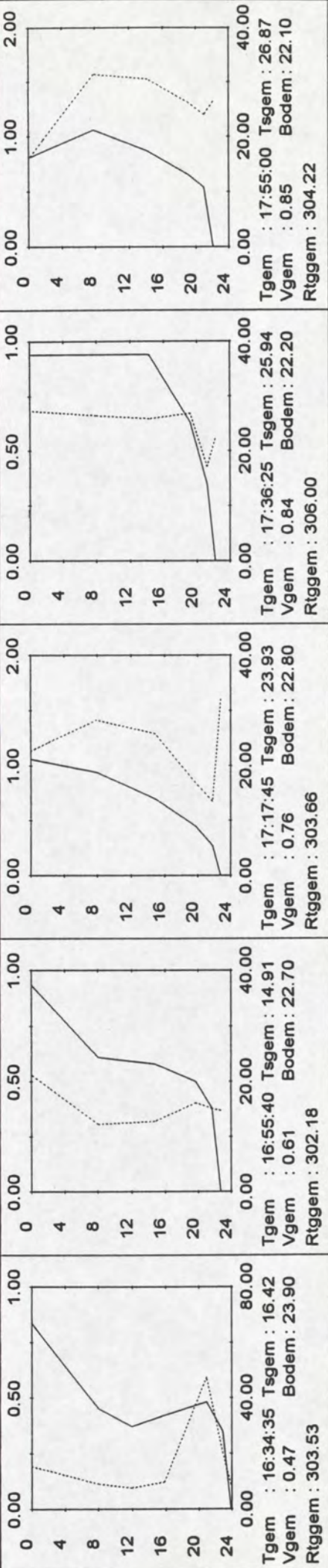


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

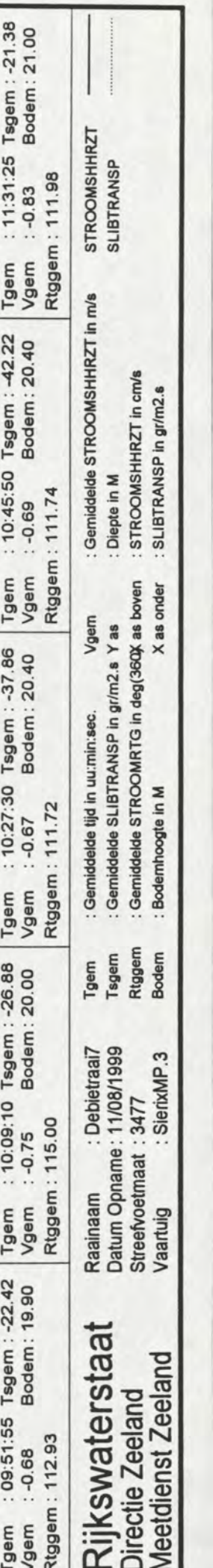
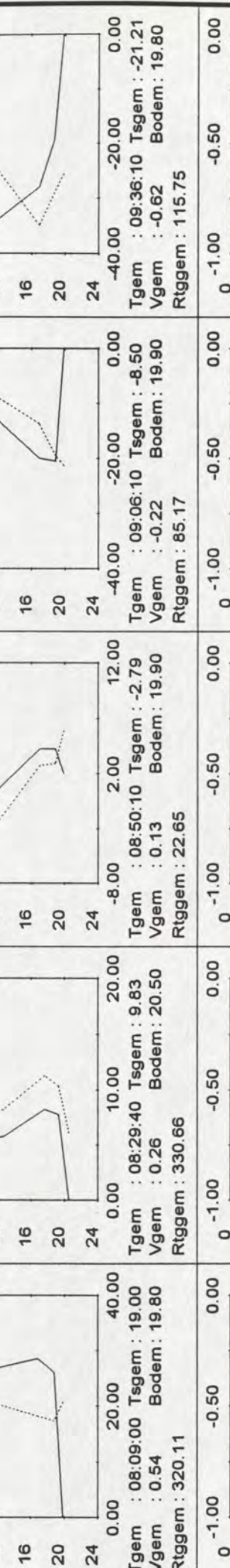
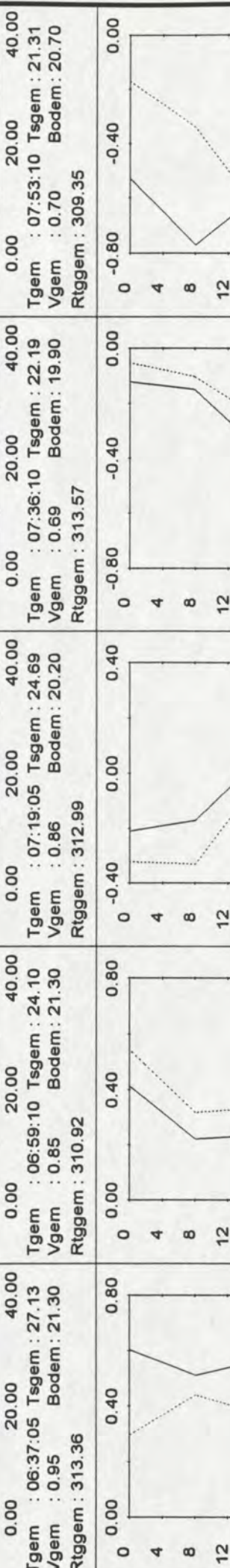
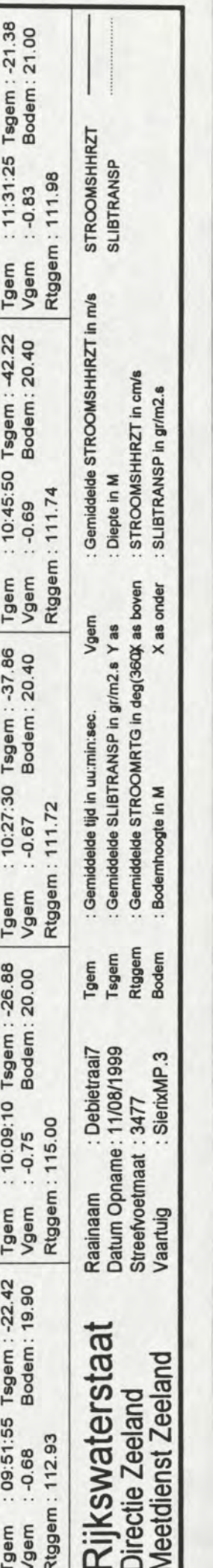
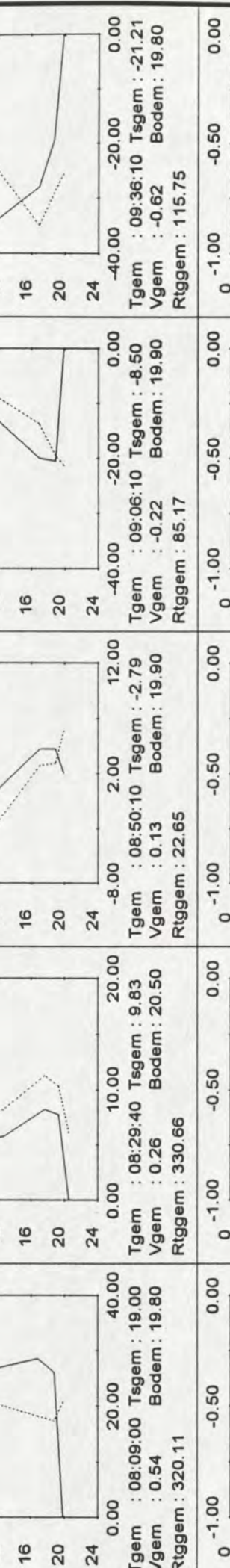
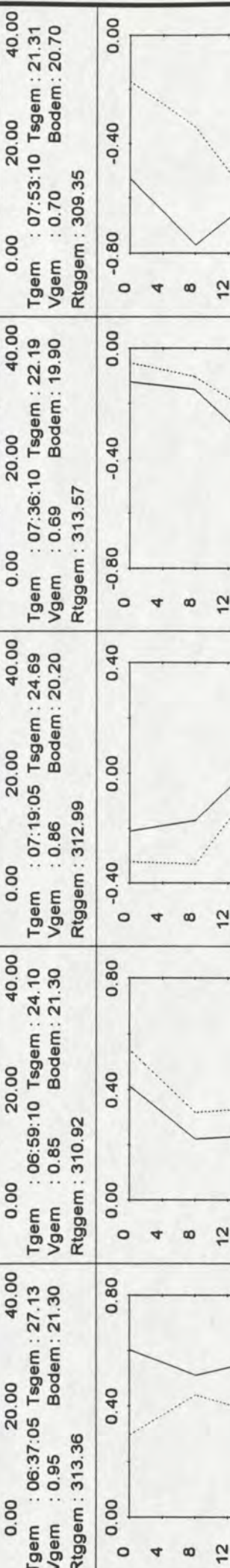
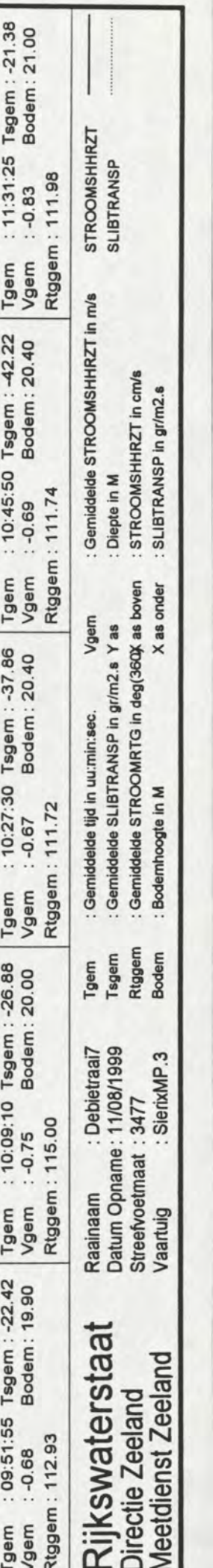
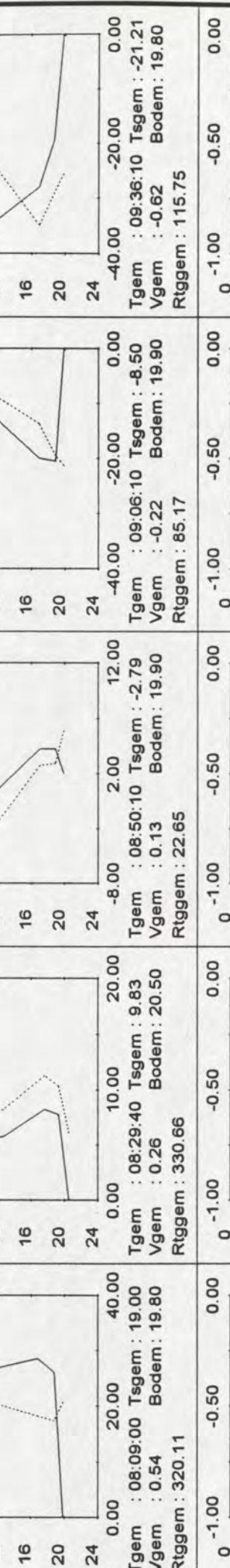
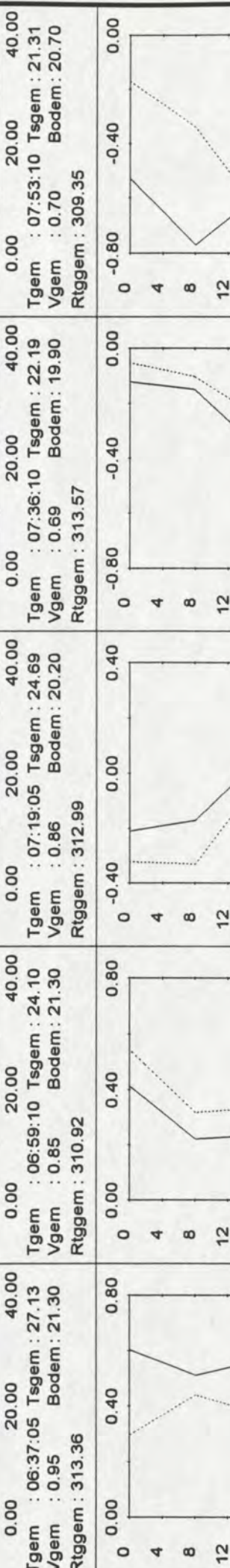
Raaienaar : Debietaal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

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

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



Rijkswaterstaat		Raaienaar	Debietraal7	Tsgem	Gemiddelde tijd in uur:min:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
Directie Zeeland		Datum Opname	12/08/1999	Tsgem	Gemiddelde SLIBTRANSP in gr/m2.s	Y as	Diepte in M	SLIBTRANSP
Meetdienst Zeeland		Streefvoetmaat	669	Rtggem	Gemiddelde STROOMRTG in deg(360) as boven	X as	STROOMSHRZT in cm/s	
		Vaartuig	KalooMP.2	Bodem	Bodemhoogte in M	X as onder	SLIBTRANSP in gr/m2.s	

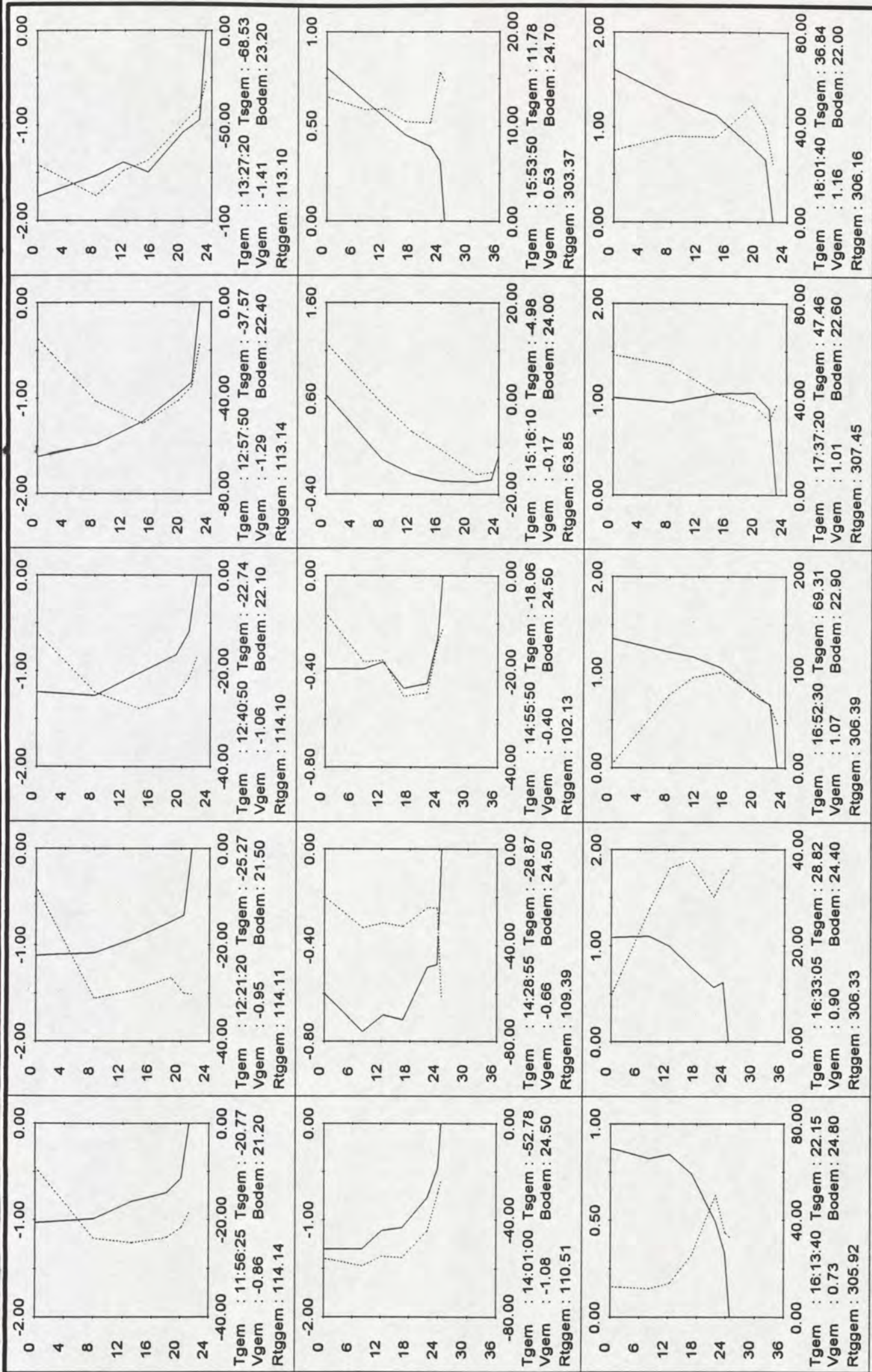


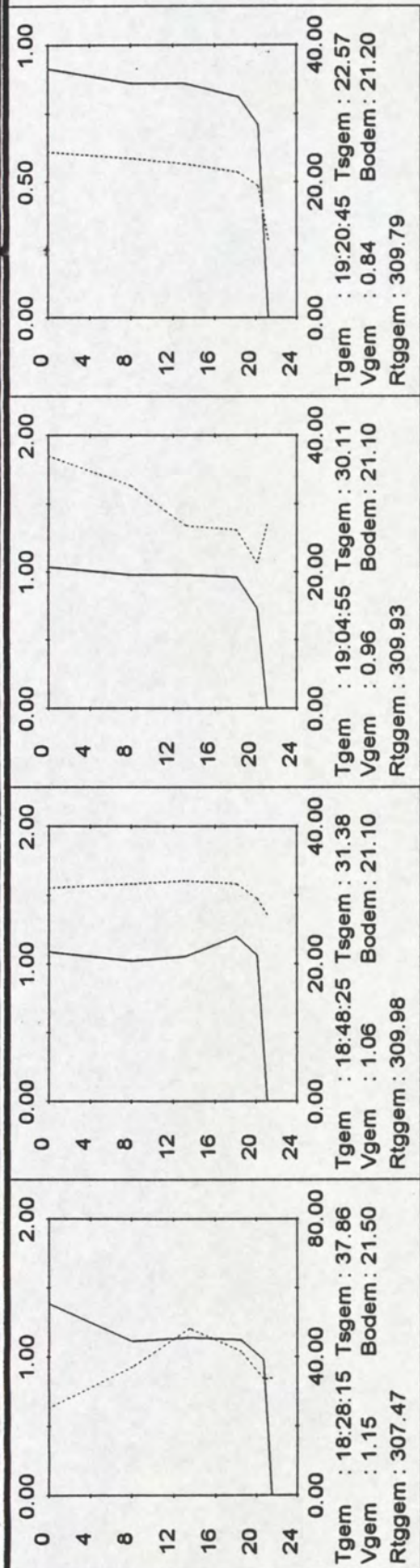
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

Tgem	: Gemiddelde tijd in uu:min:sec.	Vgem	: Gemiddelde STROOMSHRZT in m/s
Tsgem	: Gemiddelde SLIBTRANSP in gr/m2.s	Y as	: Diepte in M
Rtgem	: Gemiddelde STROOMRTG in deg(360X as boven	: STROOMSHRZT in cm/s	
Bodem	: Bodemhoogte in M	: SLIBTRANSP in gr/m2.s	

STROOMSHRZT
SLIBTRANSP





Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

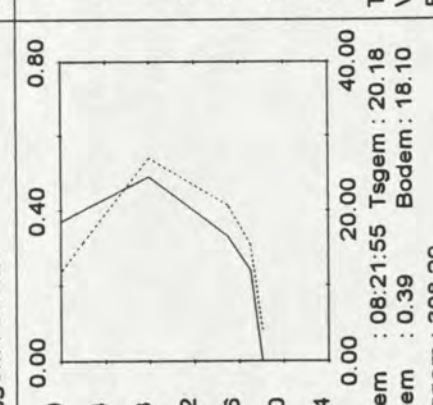
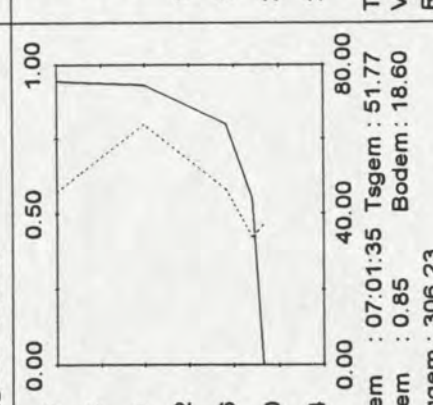
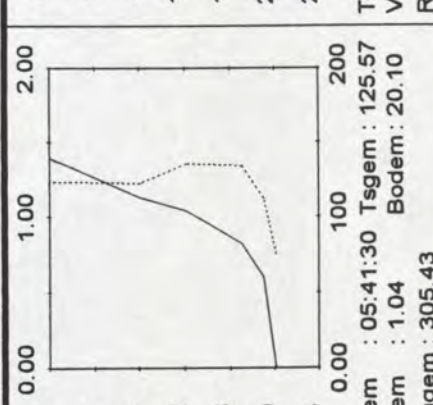
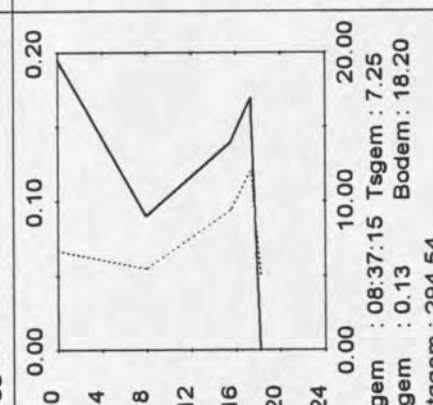
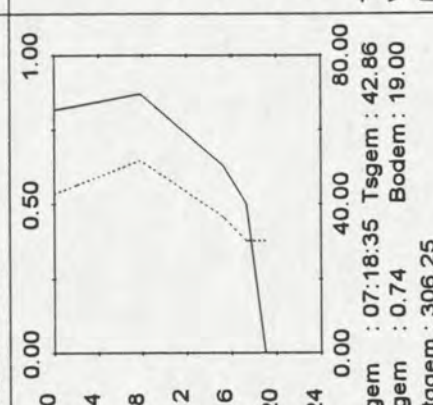
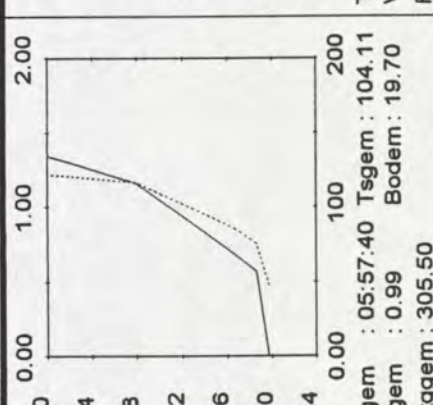
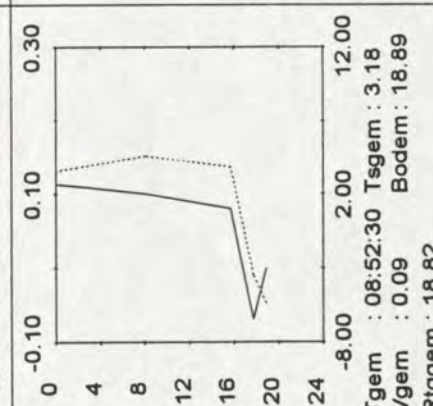
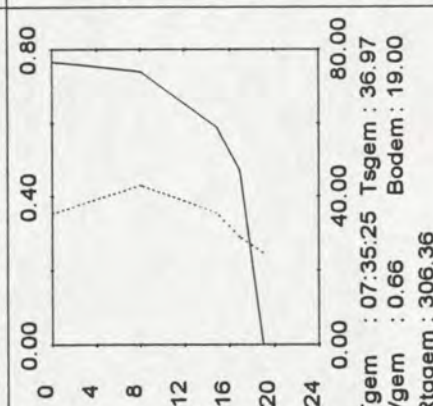
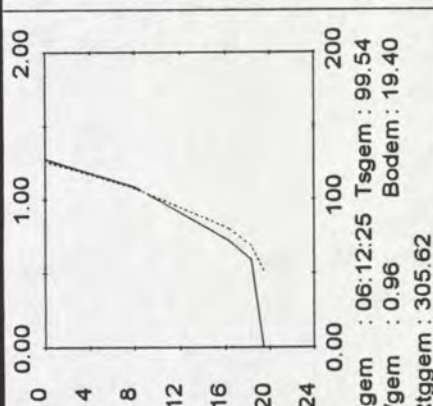
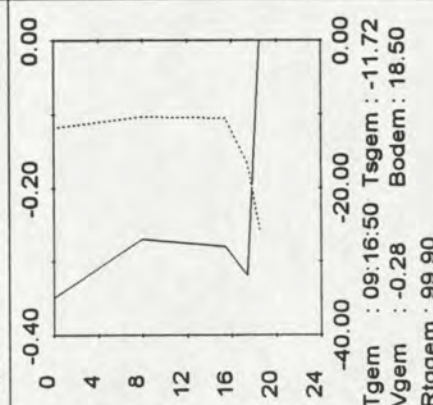
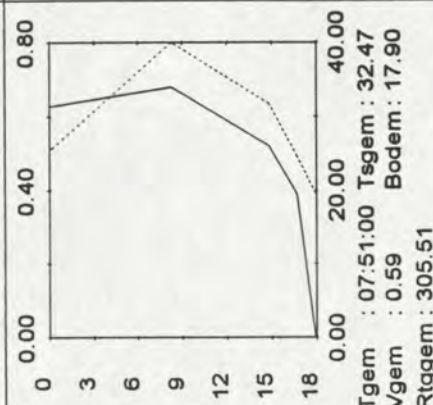
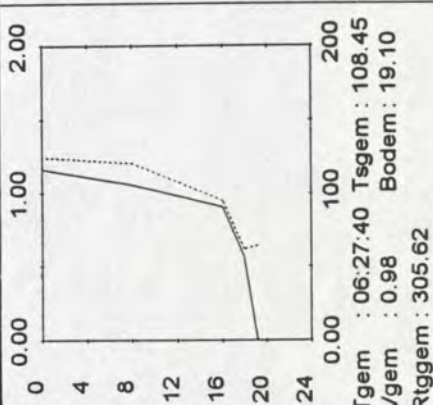
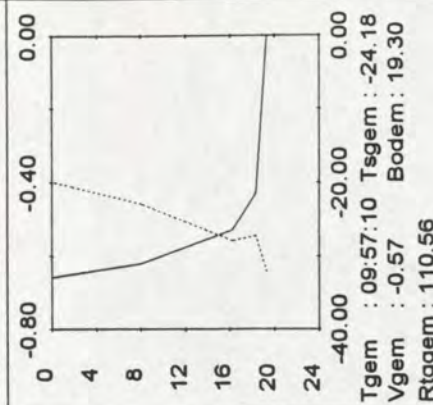
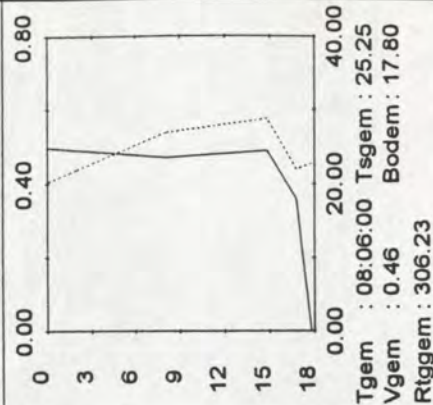
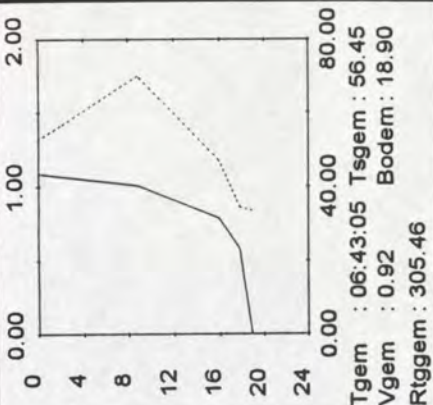
Tgem
Tsgem
Rtgem
Bodem

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

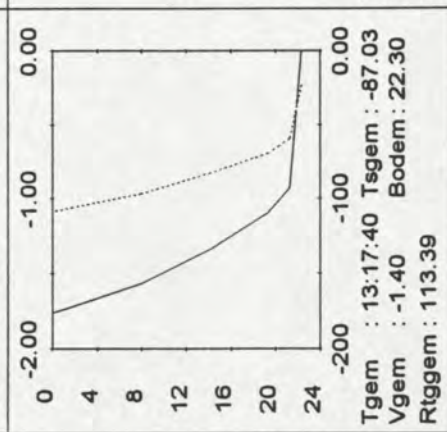
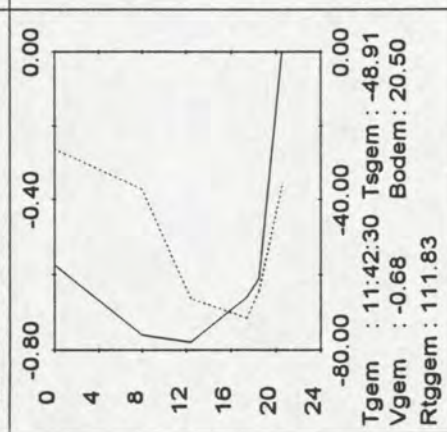
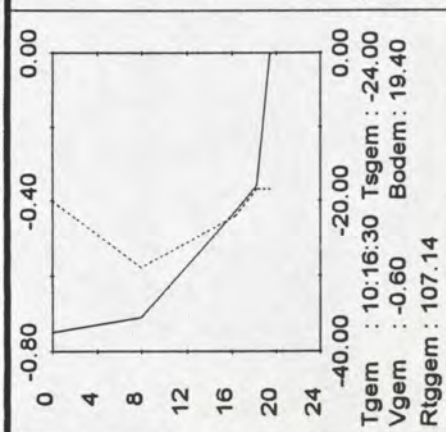
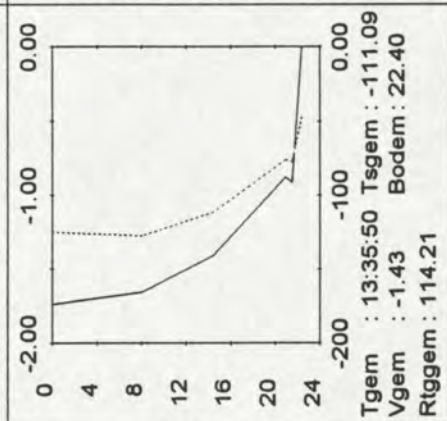
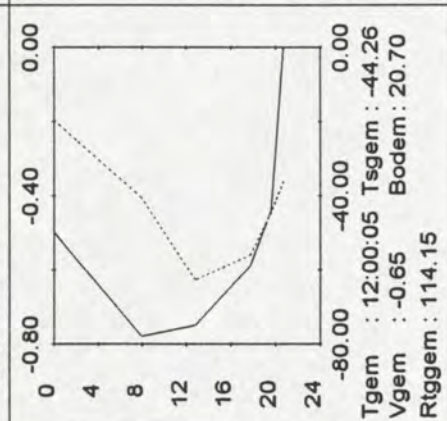
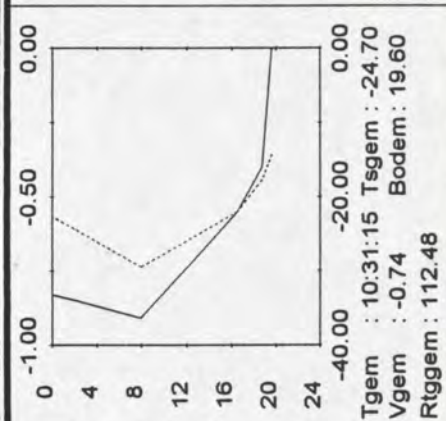
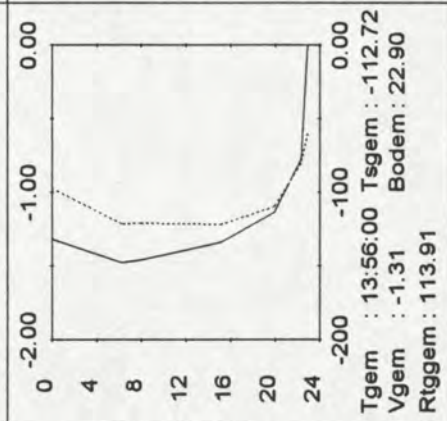
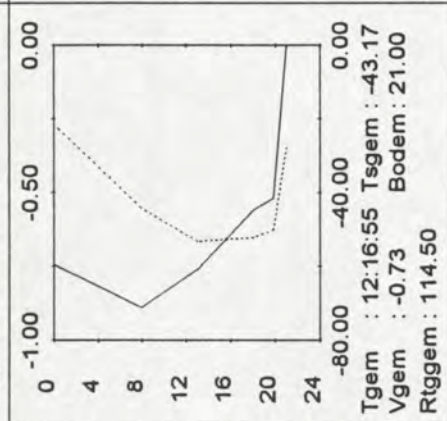
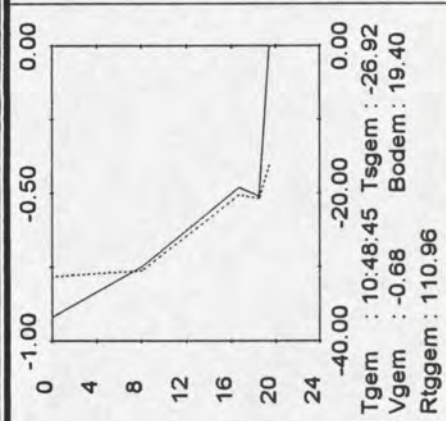
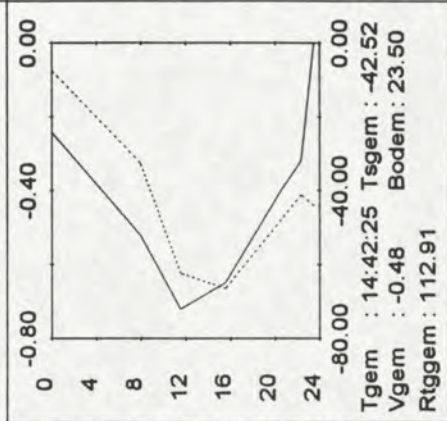
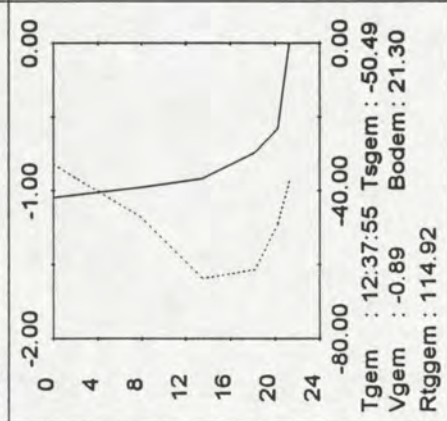
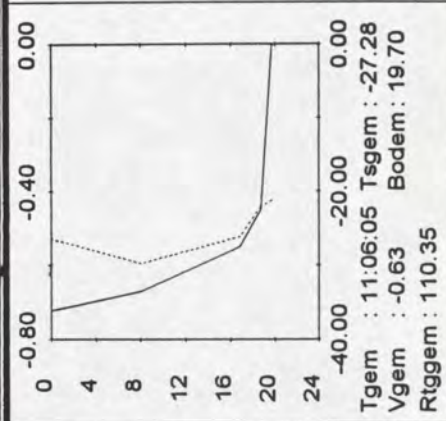
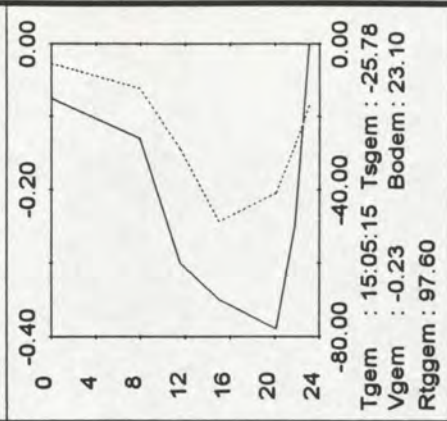
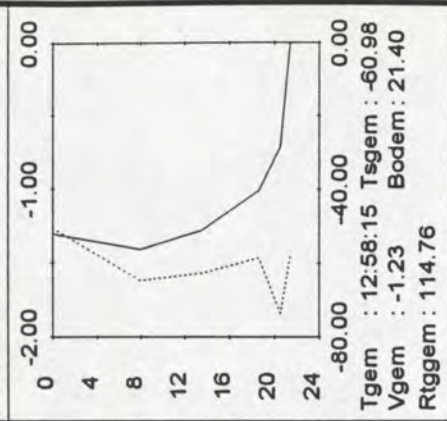
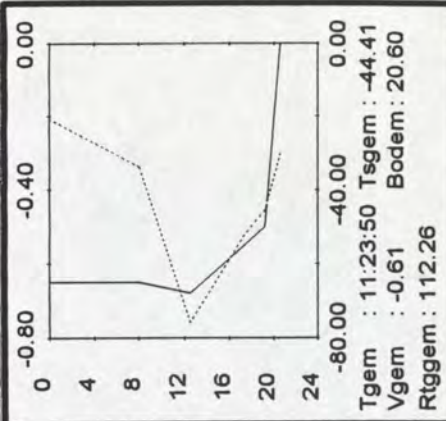
Vgem
Y as
X as

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

STROOMSHRZT
SLIBTRANSP



Rijkswaterstaat	Tgem	: Gemiddelde tijd in uur:min:sec.	Vgem	: Gemiddelde STROOMSHRZT in m/s
Directie Zeeland	Tsgem	: Gemiddelde SLIBTRANSP in gr/m ² .s	Y as	: Diepte in M
Meetdienst Zeeland	Rlggem	: Gemiddelde STROOMRTG in deg(360X as boven)		: STROOMSHRZT in cm/s
	Bodem	: Bodernhoogte in M	X as onder	: SLIBTRANSP in gr/m ² .s
	Vaartuig	KalooMP.4		
	Raainaam	: Debietraat7		
	Datum Opname	: 11/08/1999		
	Streefvoetmaat	: 3971		



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

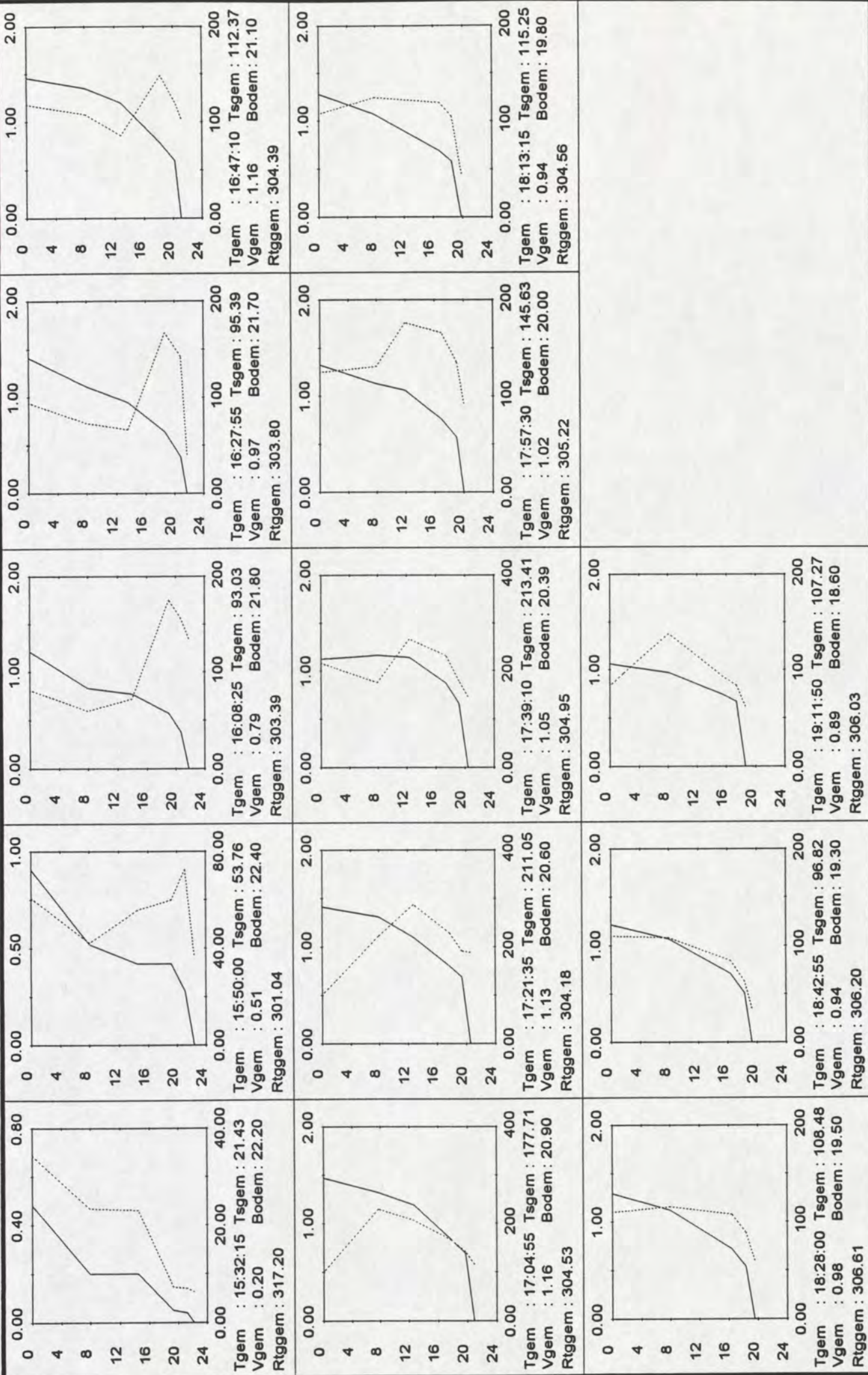
Raainaam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

Tgem
Tsgem
Rtggem
Bodem

- : Gemiddelde tijd in uur:min:sec.
- : Gemiddelde SLIBTRANSP in g
- : Gemiddelde STROOMRTG in
- : Bodernhoogte in M

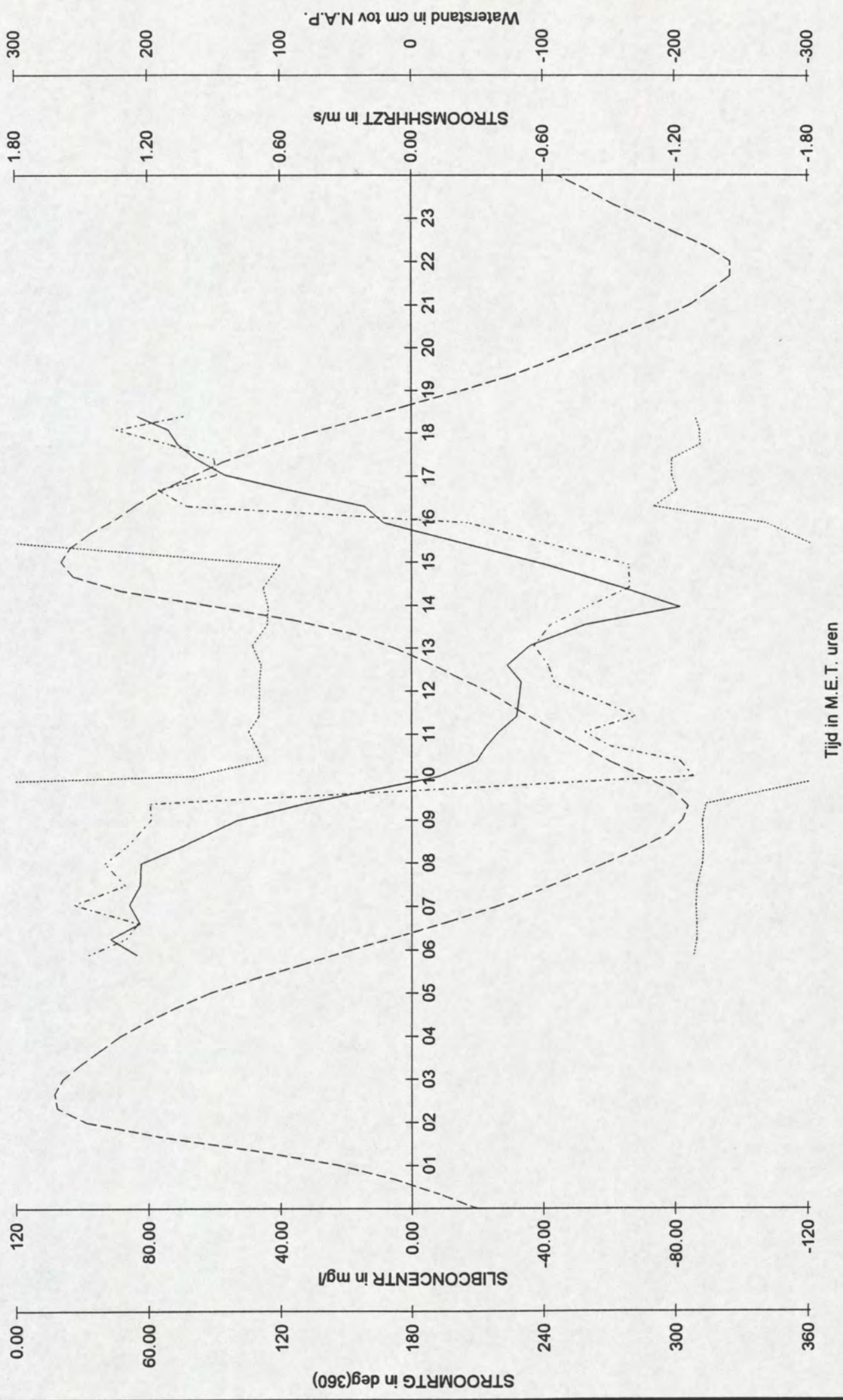
: Gemiddelde STROOMSHH
: Diepte in M
: STROOMSHRZT in cm/s
: SLIBTRANSP in gr/m2.s

STROOMSHRZT
SLIBTRANSP



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland			Raaienaar : Debietaal7 Datum Opname : 11/08/1999 Streefvoetmaat : 3971 Vaartuig : KalooMP.4	Tsgem : 15:32:15 Tsgem : 21.43 Vgem : 0.20 Bodem : 22.20 Rtggem : 317.20	Tsgem : 15:50:00 Tsgem : 53.76 Vgem : 0.51 Bodem : 22.40 Rtggem : 301.04	Tsgem : 16:08:25 Tsgem : 93.03 Vgem : 0.79 Bodem : 21.80 Rtggem : 303.39	Tsgem : 16:27:55 Tsgem : 95.39 Vgem : 0.97 Bodem : 21.70 Rtggem : 303.80	Tsgem : 16:47:10 Tsgem : 112.37 Vgem : 1.16 Bodem : 21.10 Rtggem : 304.39	Tsgem : 17:04:55 Tsgem : 177.71 Vgem : 1.16 Bodem : 20.90 Rtggem : 304.53	Tsgem : 17:21:35 Tsgem : 211.05 Vgem : 1.13 Bodem : 20.60 Rtggem : 304.18	Tsgem : 17:39:10 Tsgem : 213.41 Vgem : 1.05 Bodem : 20.39 Rtggem : 304.95	Tsgem : 17:57:30 Tsgem : 145.63 Vgem : 1.02 Bodem : 20.00 Rtggem : 305.22	Tsgem : 18:13:15 Tsgem : 115.25 Vgem : 0.94 Bodem : 19.80 Rtggem : 304.56	Tsgem : 18:28:00 Tsgem : 108.48 Vgem : 0.98 Bodem : 19.50 Rtggem : 306.61	Tsgem : 18:42:55 Tsgem : 96.82 Vgem : 0.94 Bodem : 19.30 Rtggem : 306.20	Tsgem : 19:11:50 Tsgem : 107.27 Vgem : 0.89 Bodem : 18.60 Rtggem : 306.03	Gemiddelde tijd in uur:min:sec. Vgem : 19:11:50 Gemiddelde SLIBTRANSP in gr/m2.s Y as X as onder : Bodemhoogte in M	Gemiddelde STROOMSHRZT in m/s Diepte in M STROOMSHRZT in cm/s SLIBTRANSP in gr/m2.s
--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	--	---	--	--

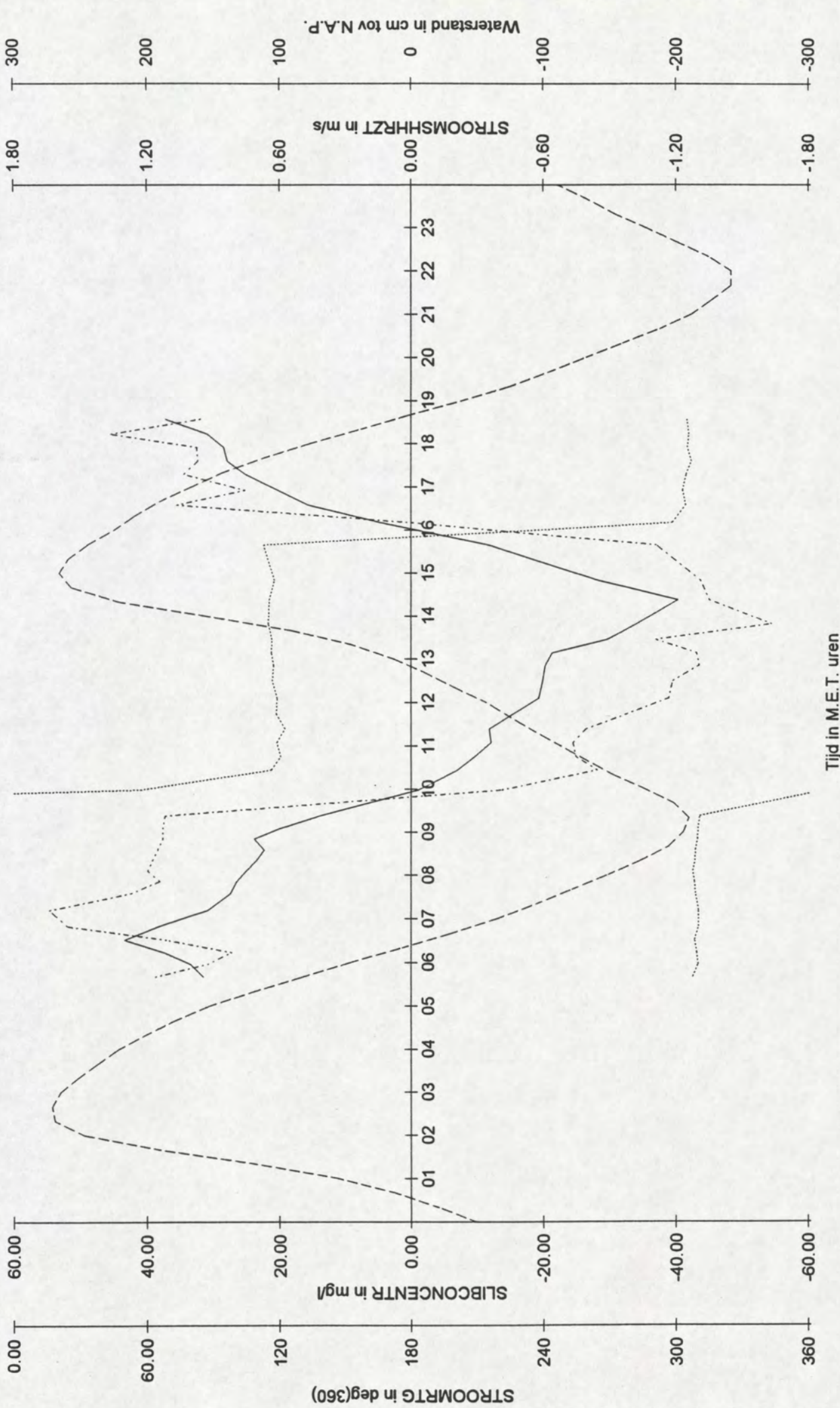
15. Gemiddelde krommen stroom en slibconcentratie



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SierixMP.1

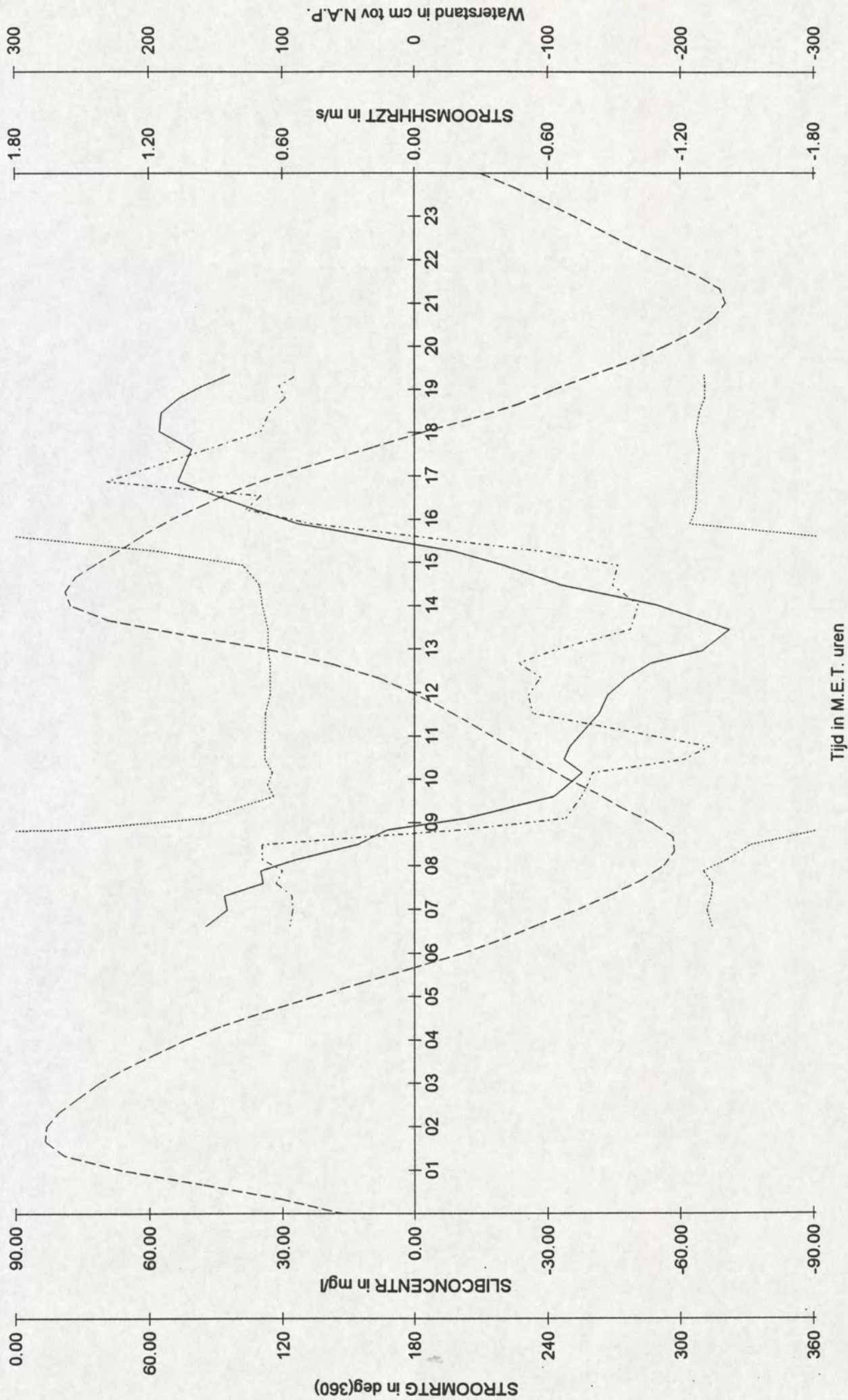
STROOMSHHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen



STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen

Raainaam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

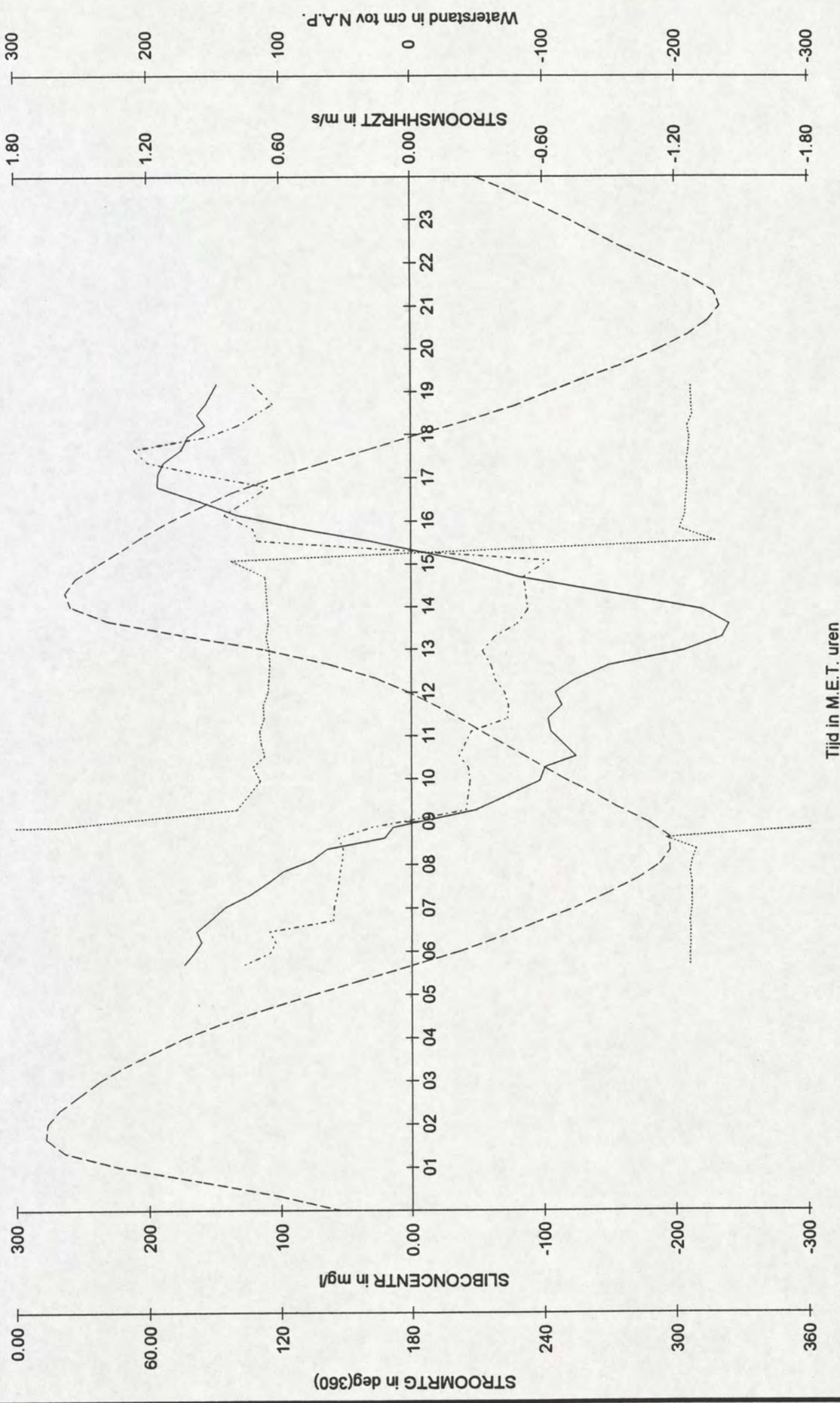


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen

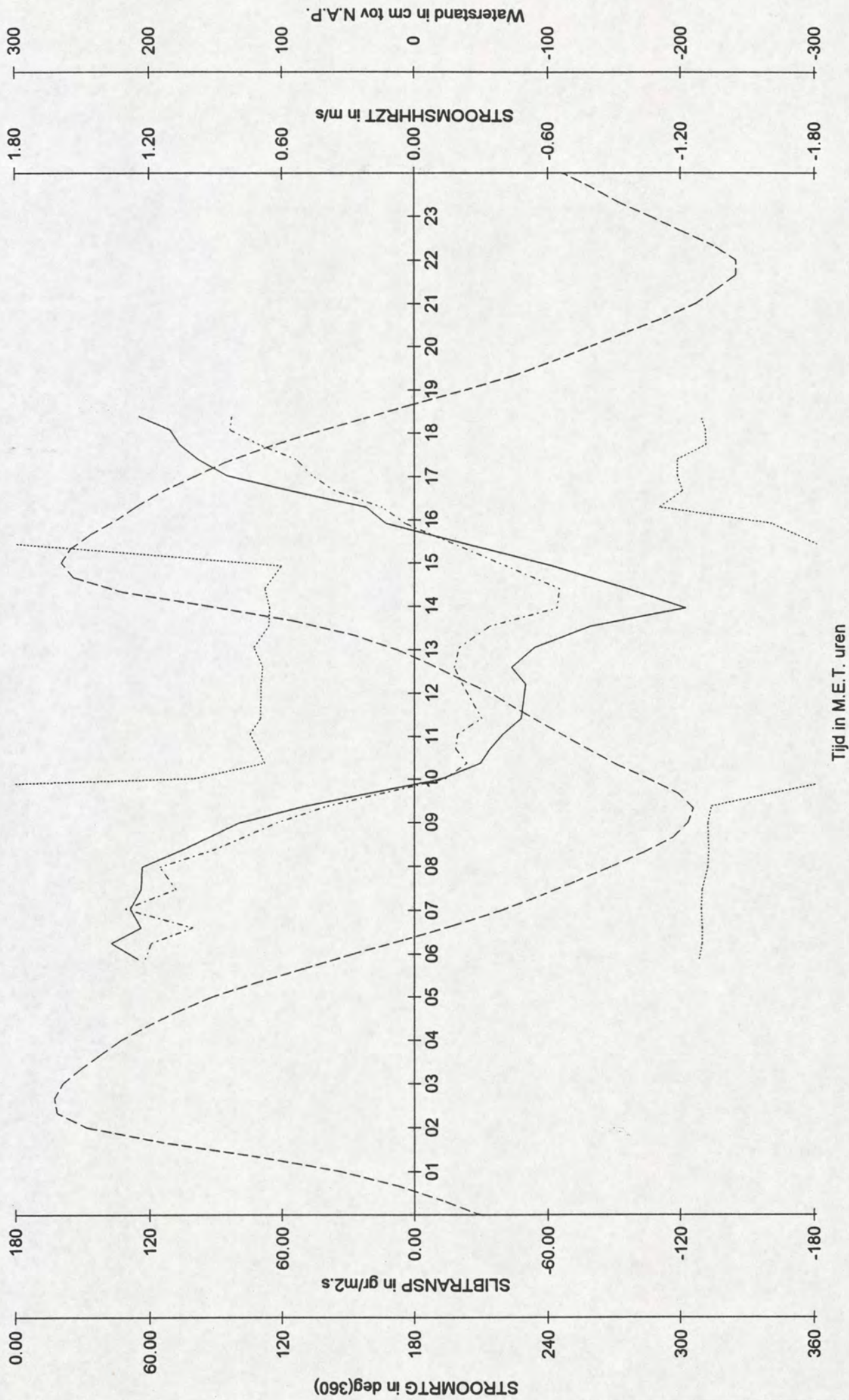


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaan : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

STROOMSHHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen

16. Gemiddelde krommen stroom en slibtransport

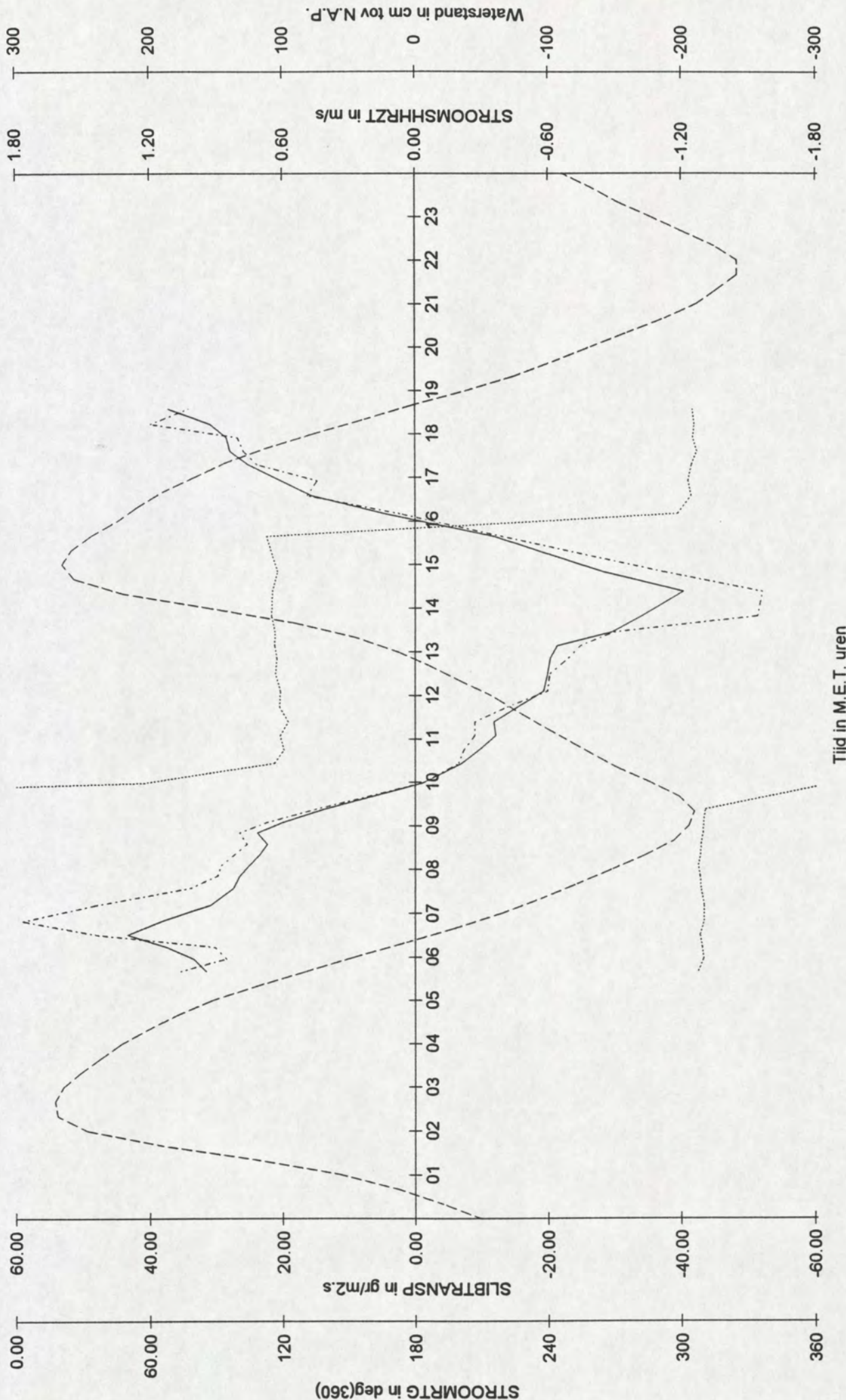


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

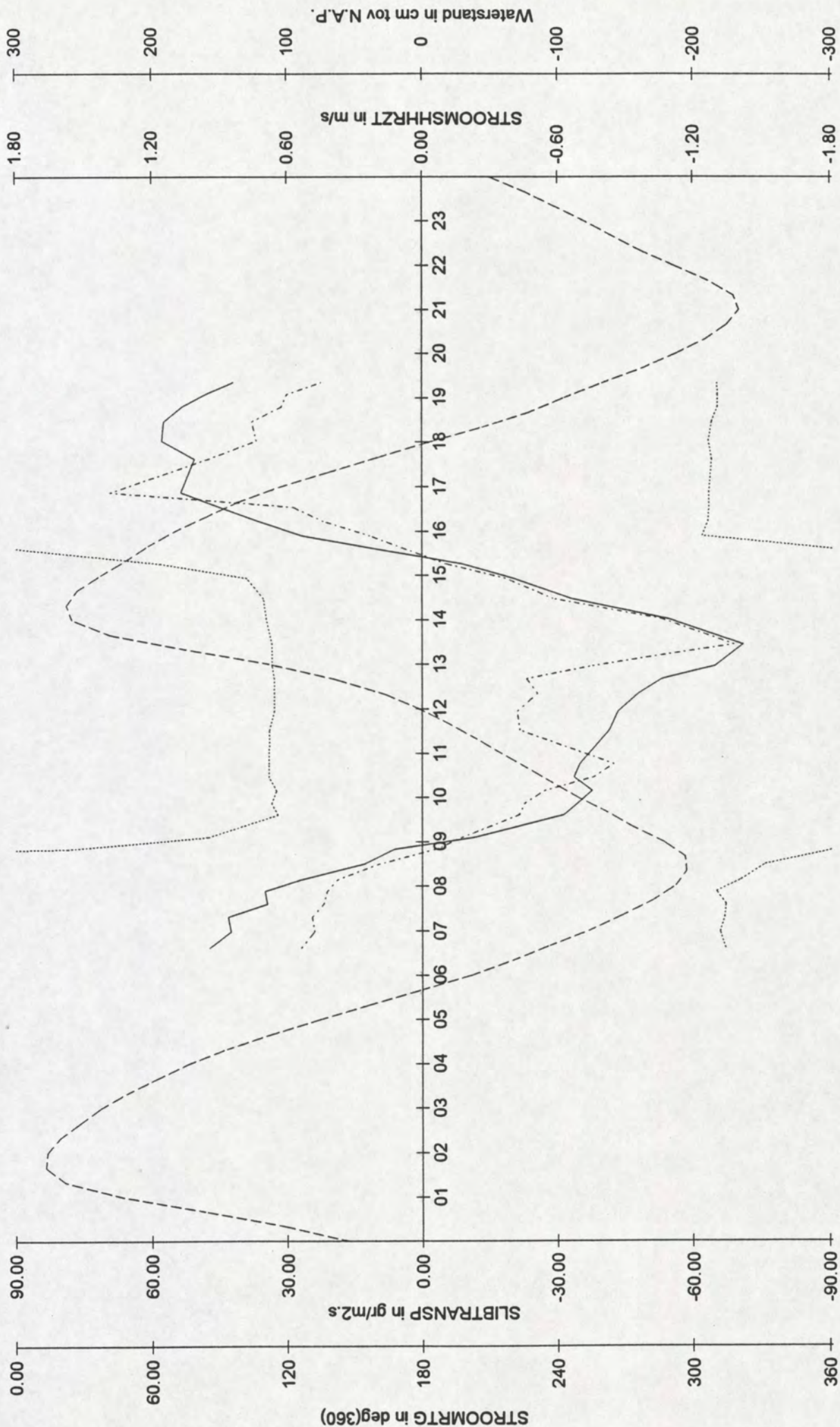
Raainaam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SienxMP.1

STROOMSHHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen



Raainaam : Debietraai7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

STROOMSHHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen

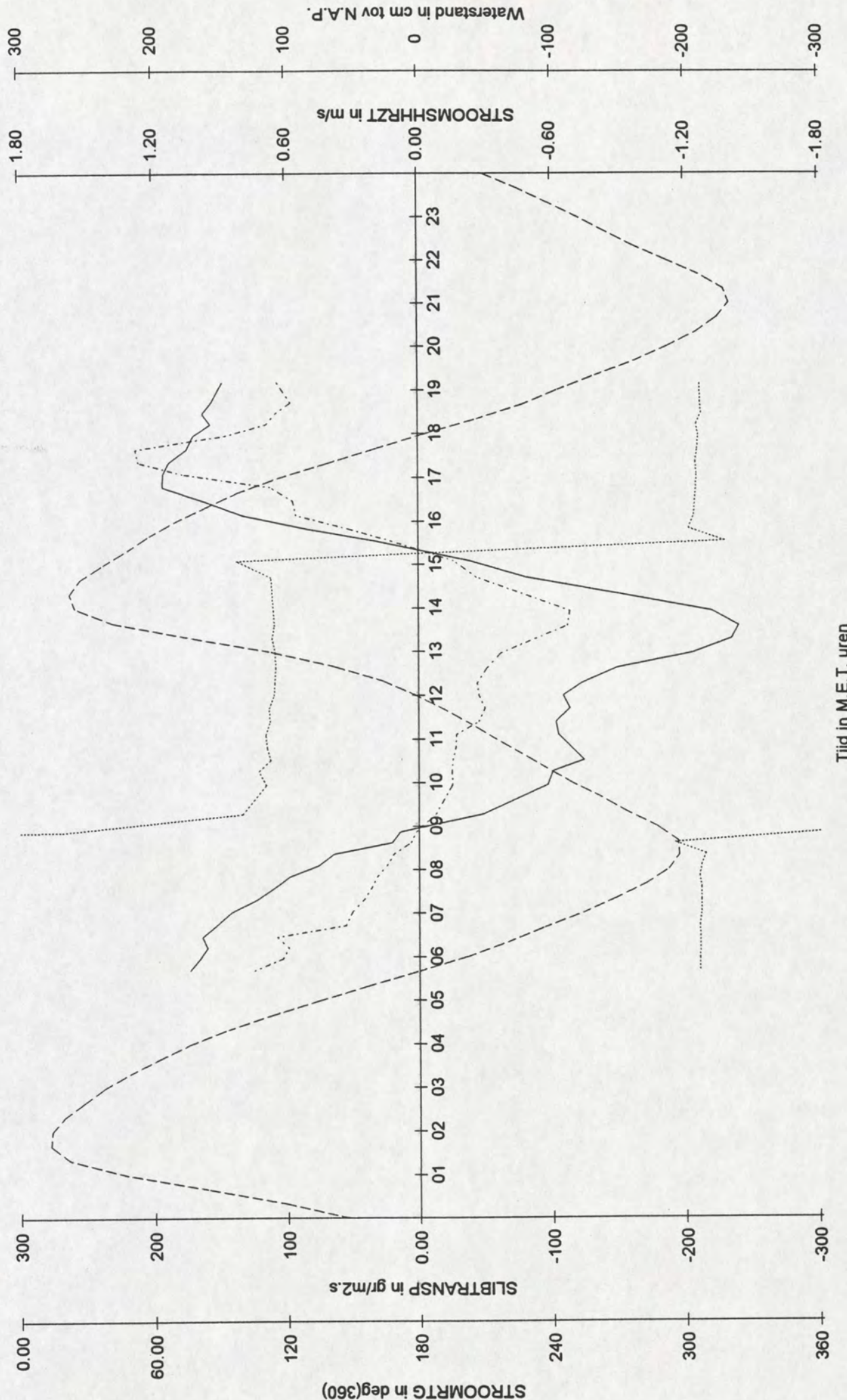


Tijd in M.E.T. uren

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raainaam : Debietraai7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

STROOMSHHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

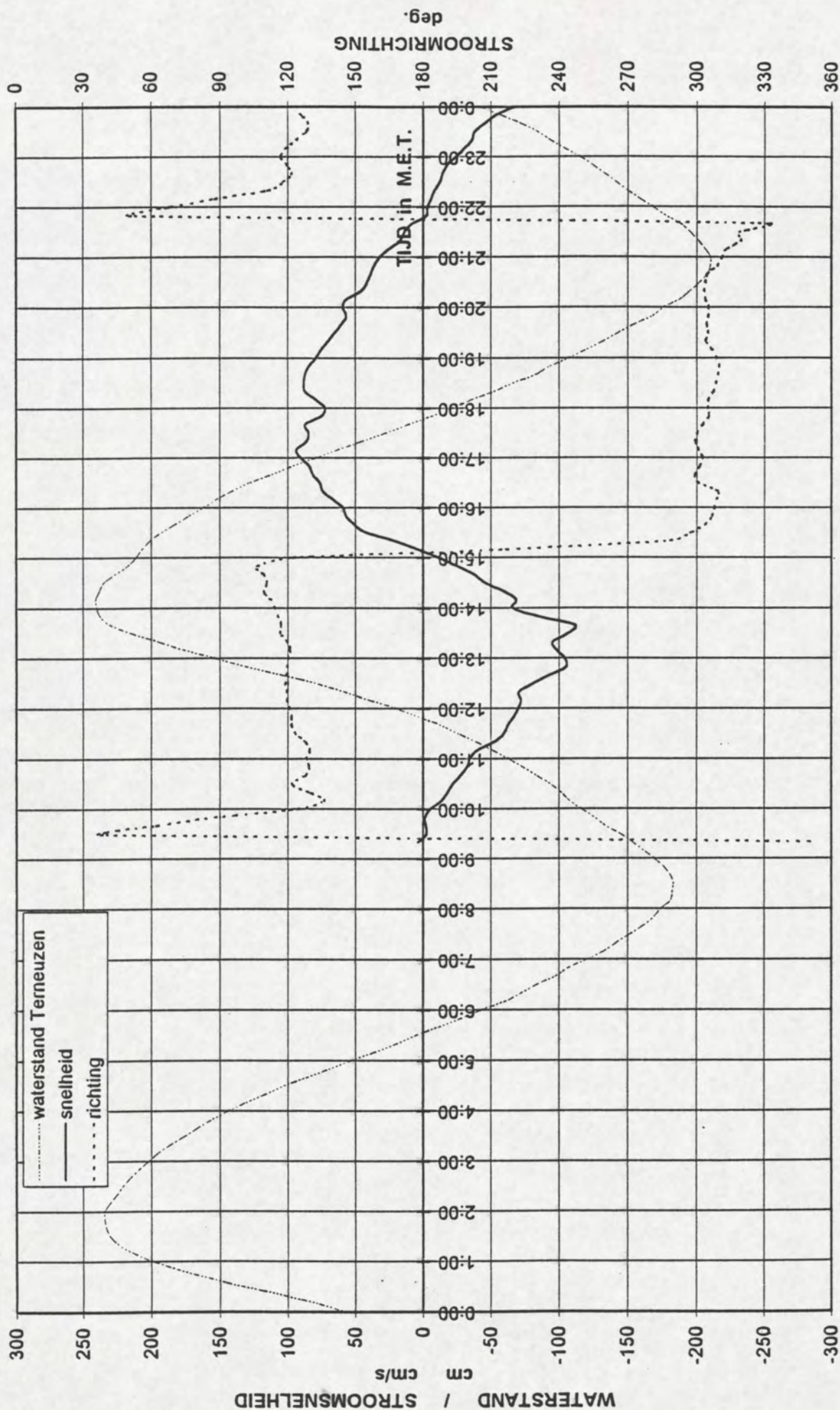
Raanaam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

STROOMSHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen

17. Resultaten OSM 1

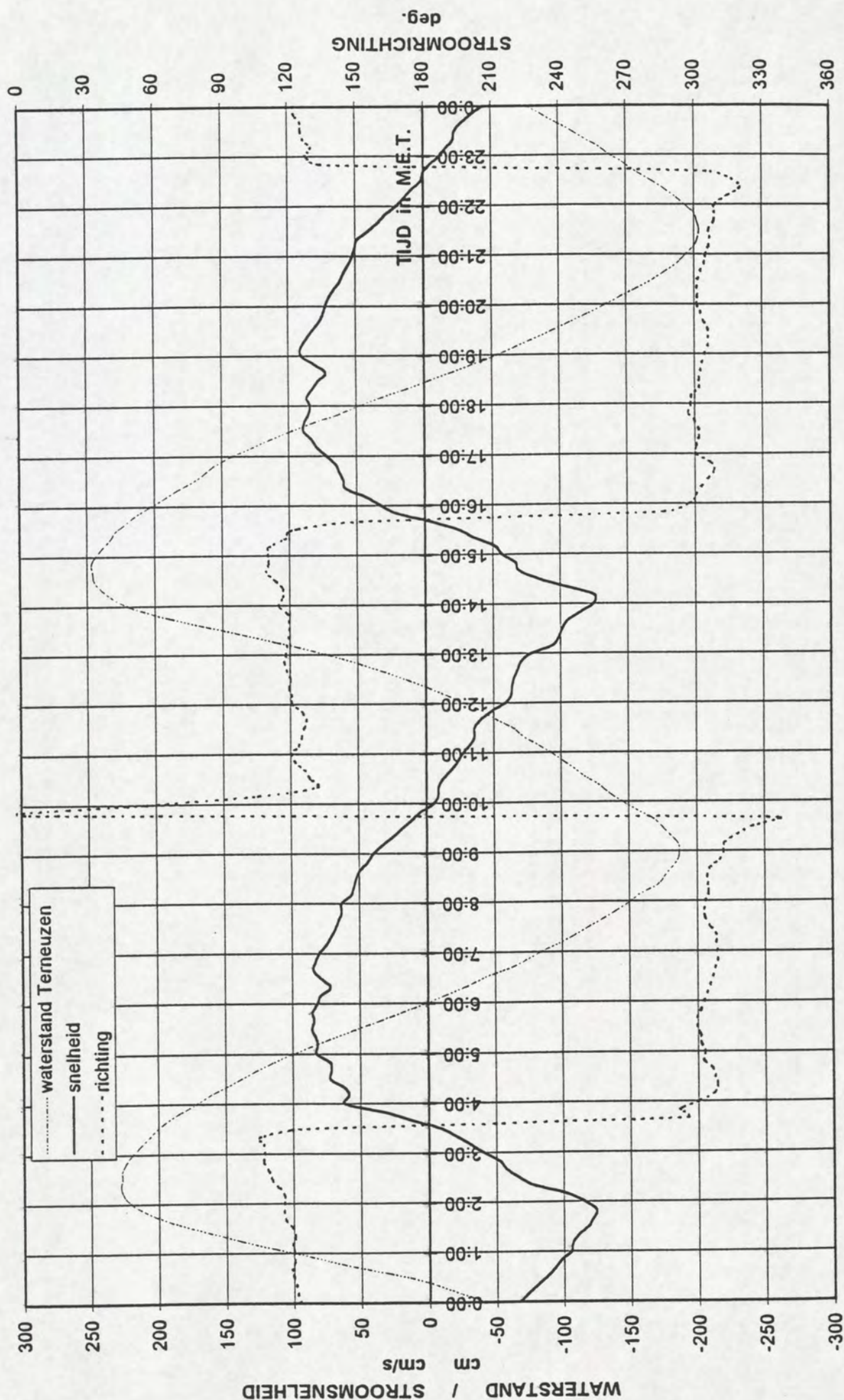
Debietraai 7 meetpunt OSM 1

28 juni 1999



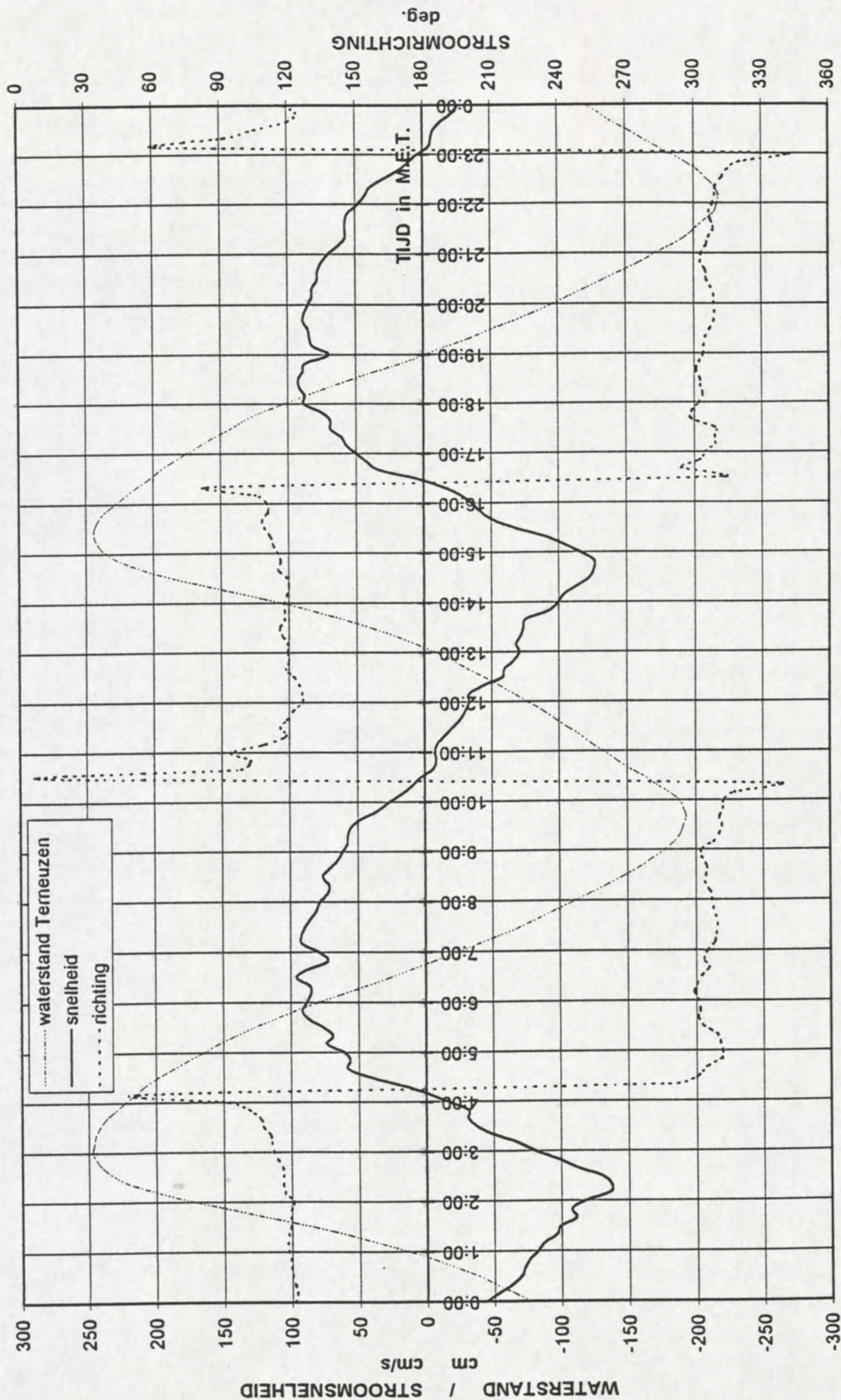
Debietraai 7 meetpunt OSM 1

29 juni 1999



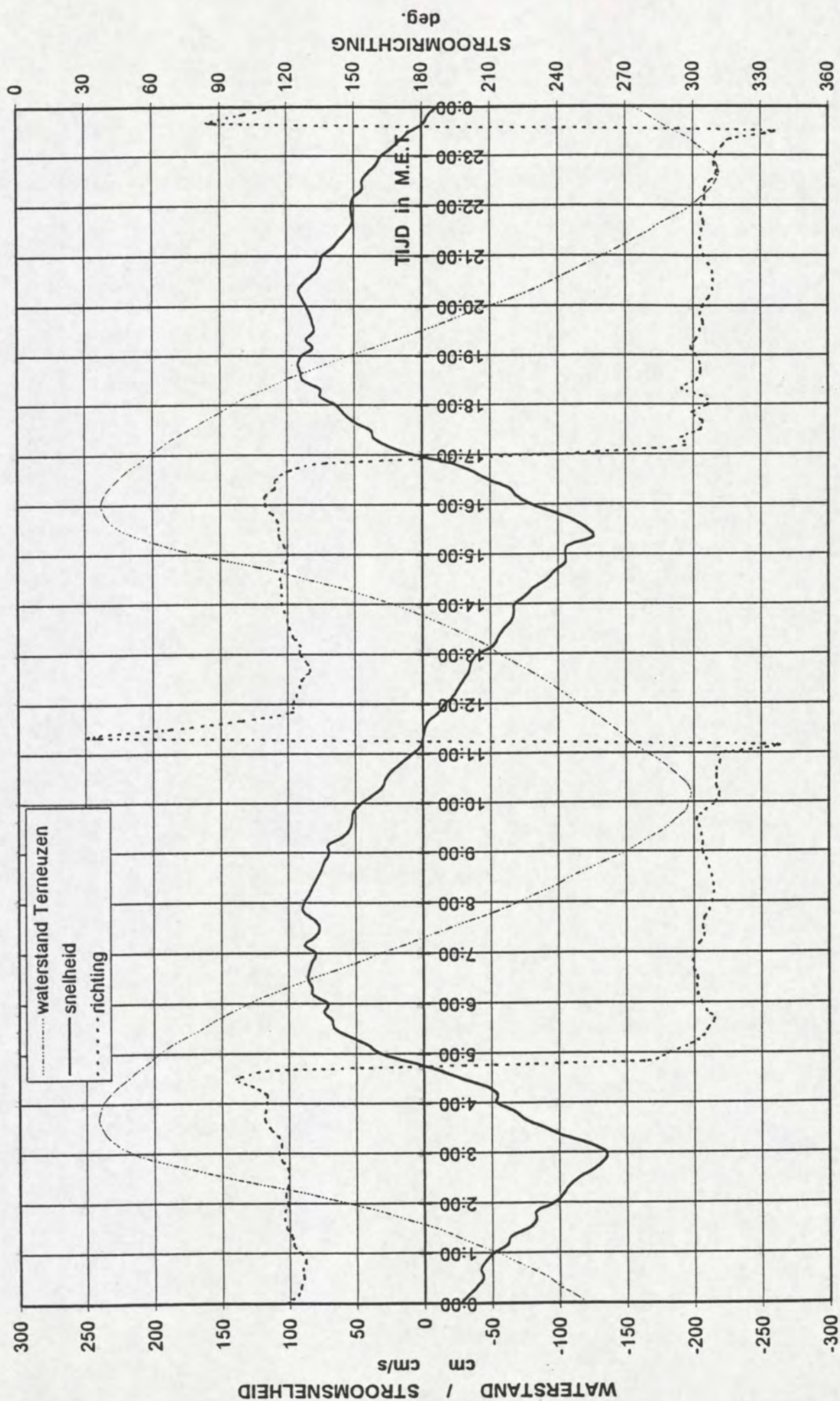
Debietraai 7 meetpunt OSM 1

30 juni 1999



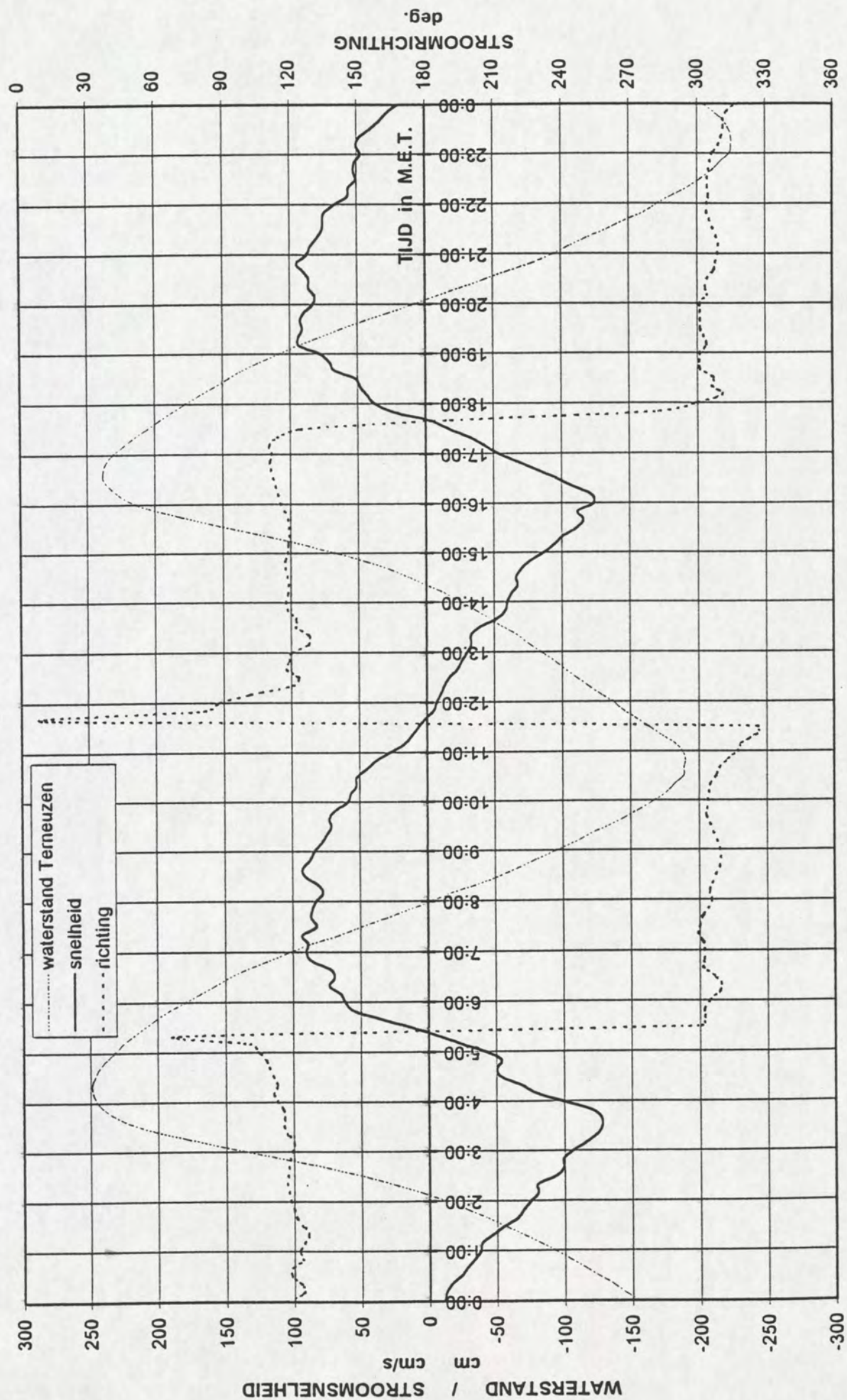
Debietraai 7 meetpunt OSM 1

1 juli 1999



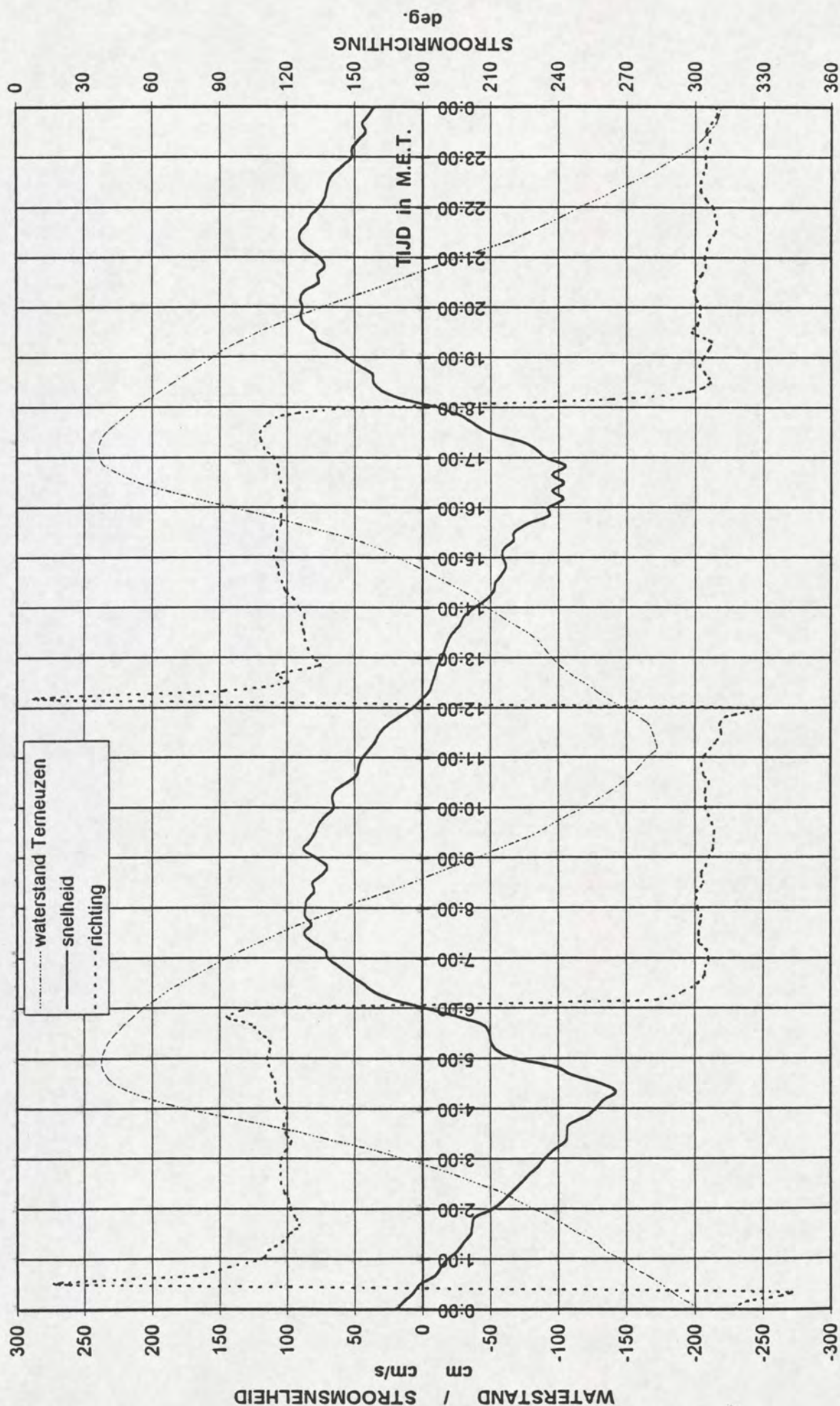
Debietraai 7 meetpunt OSM 1

2 juli 1999



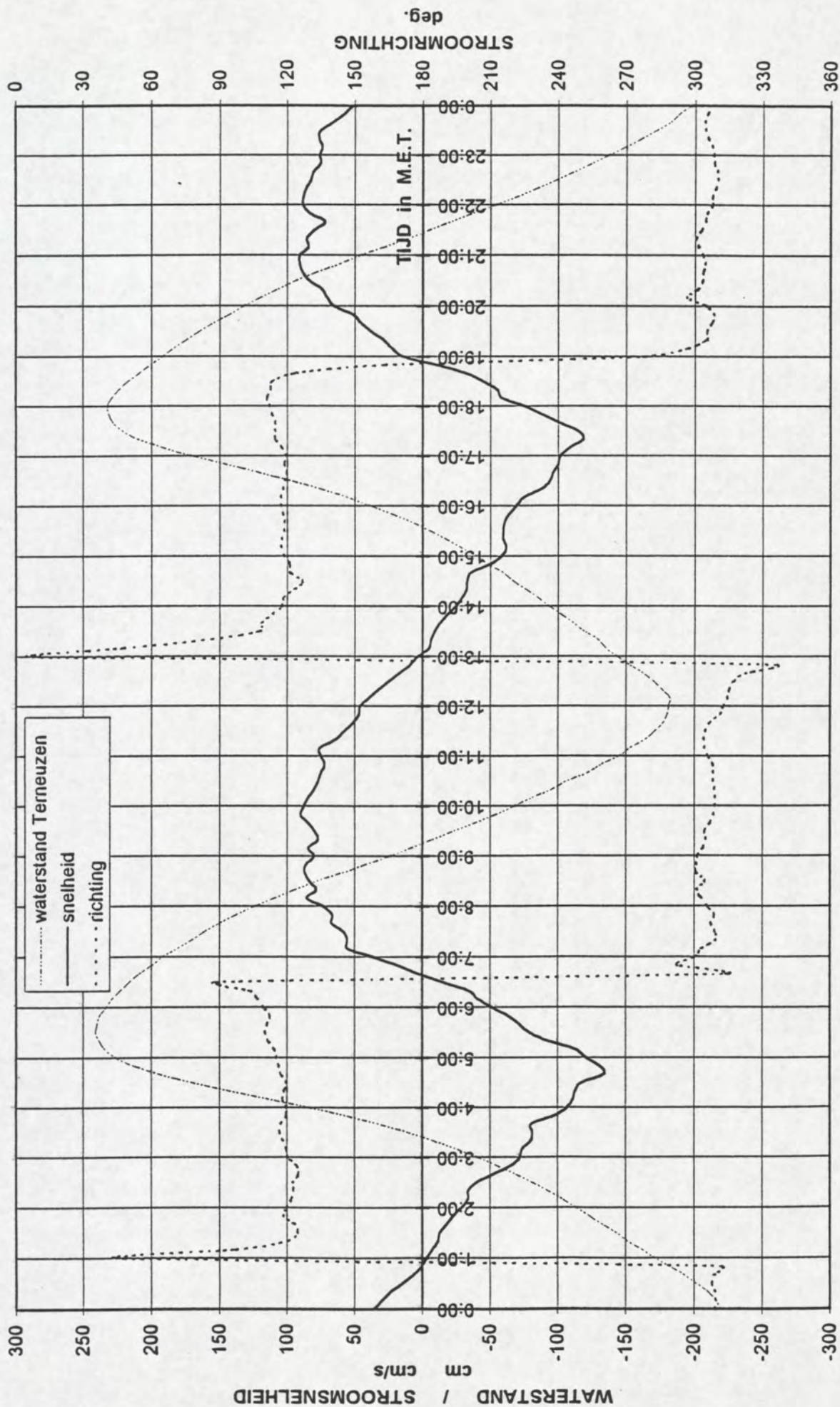
Debietraai 7 meetpunt OSM 1

3 juli 1999



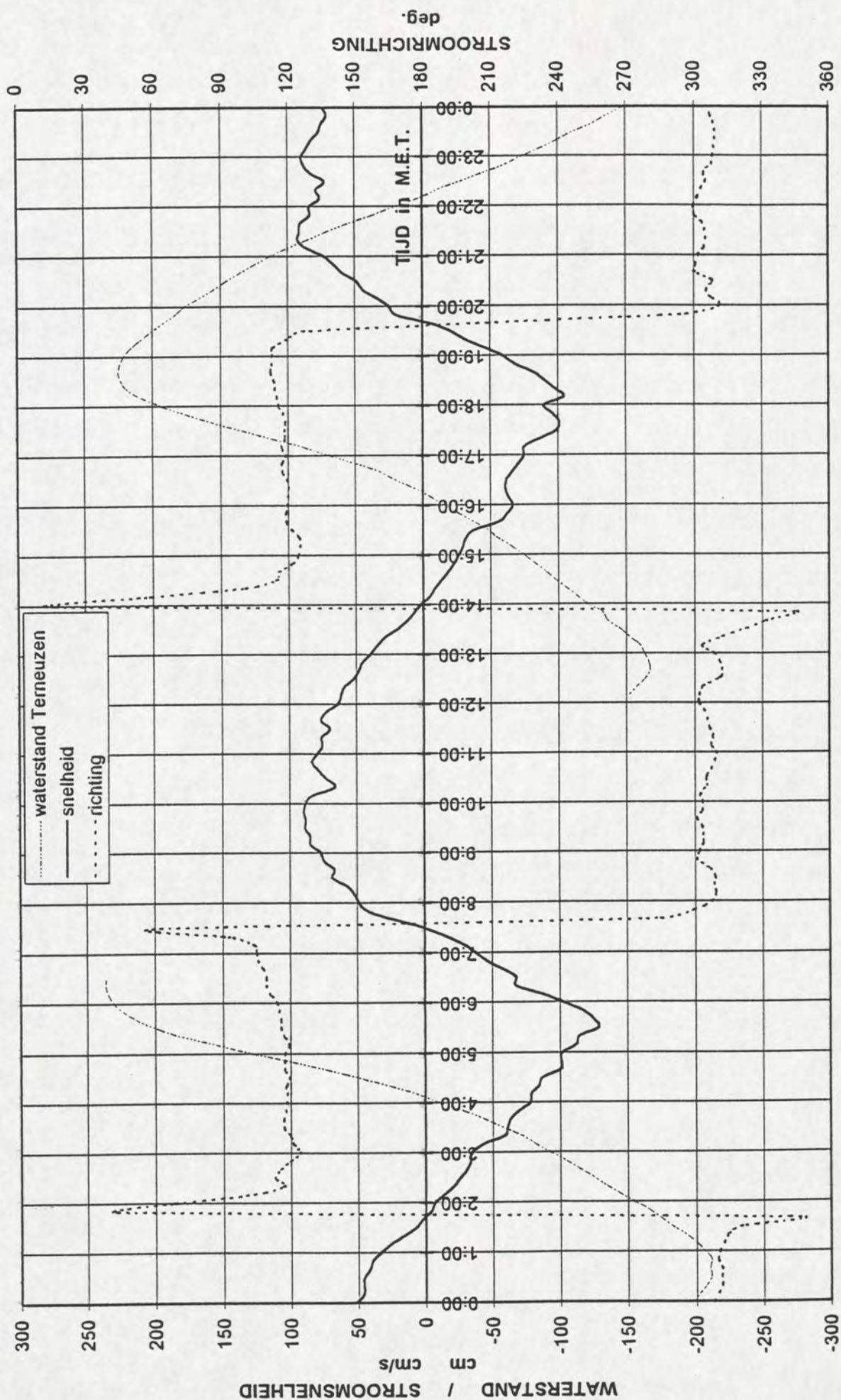
Debietraai 7 meetpunt OSM 1

4 juli 1999

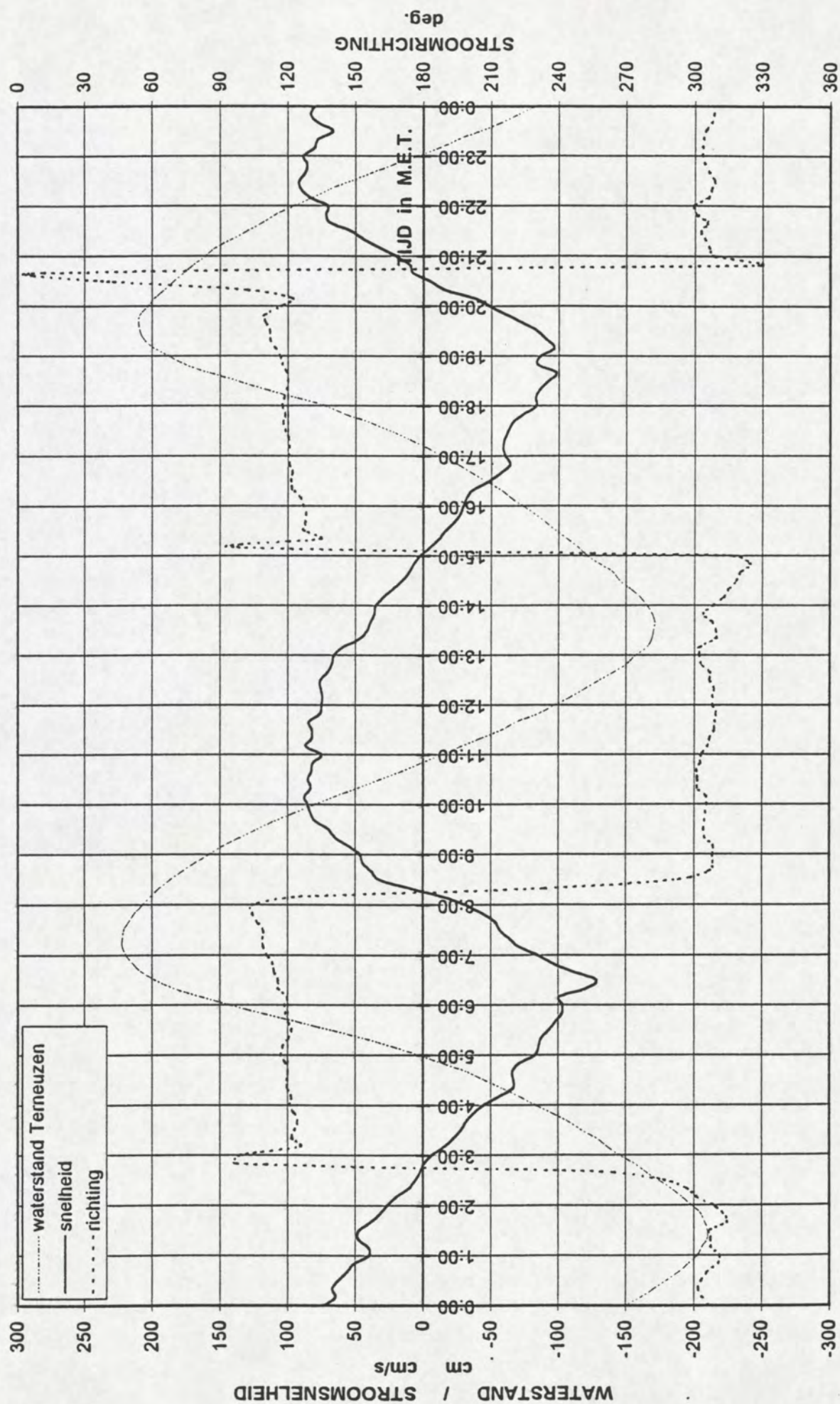


Debietraai 7 meetpunt OSM 1

5 juli 1999

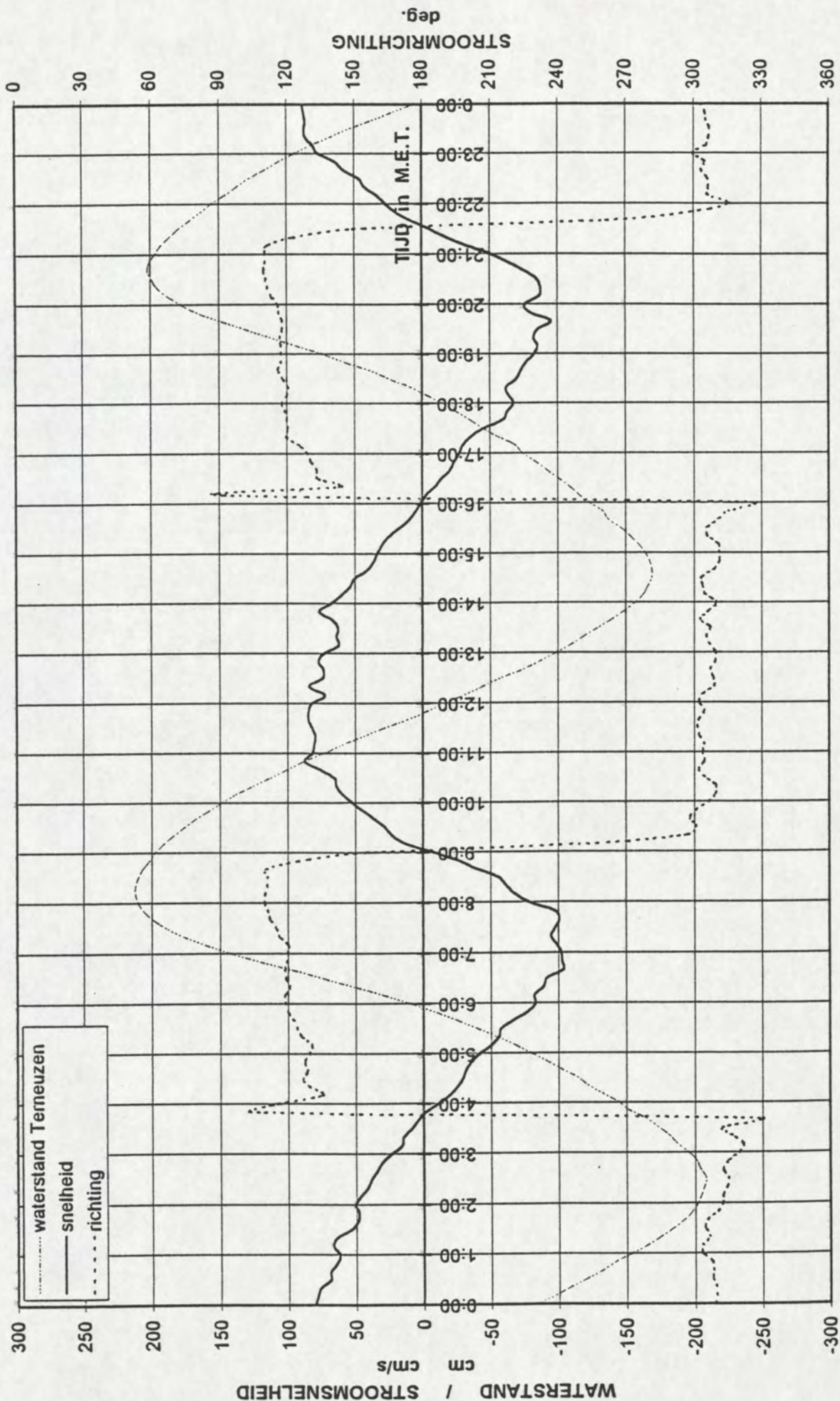


Debietraai 7 meetpunt OSM 1
6 juli 1999



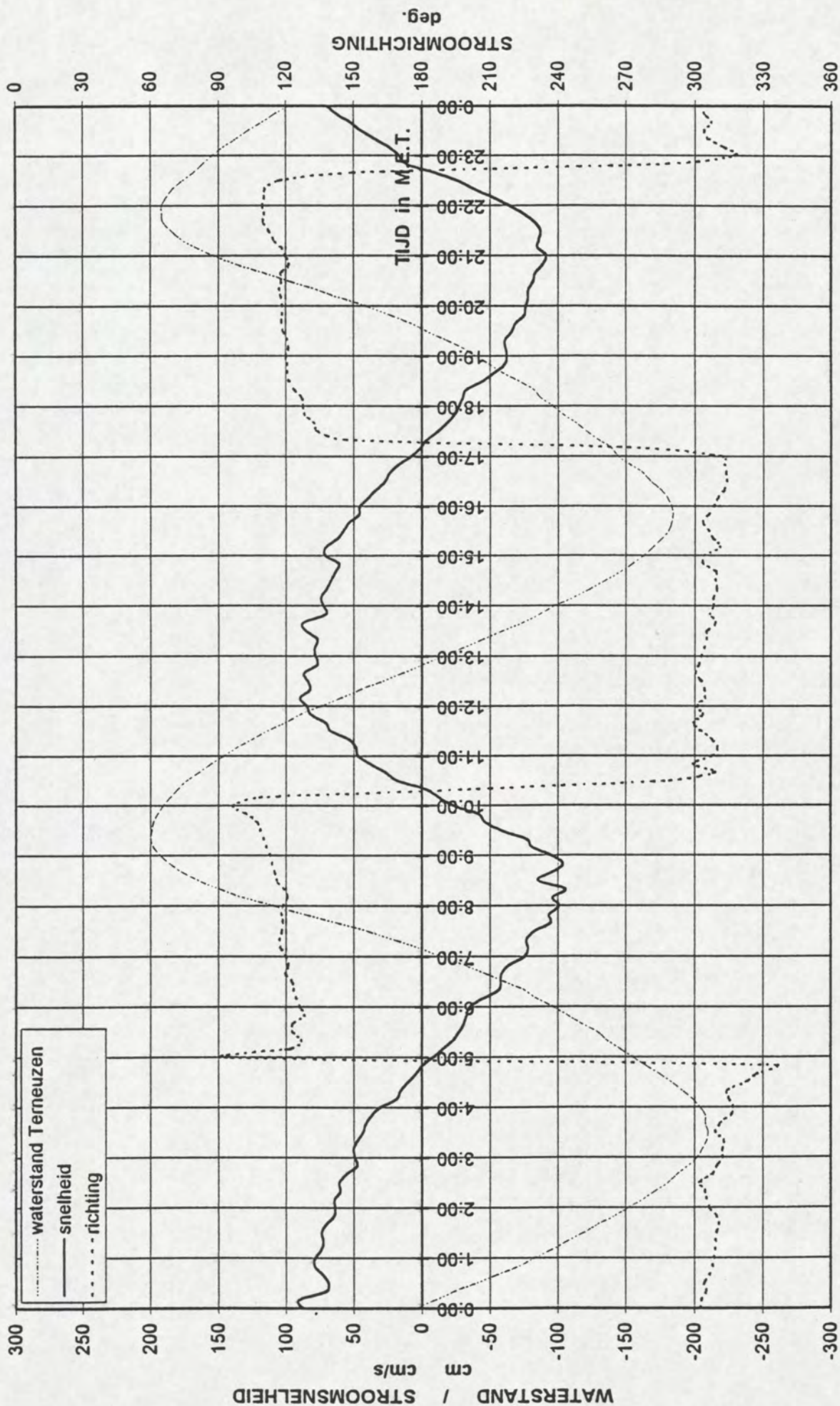
Debietraai 7 meetpunt OSM 1

7 juli 1999



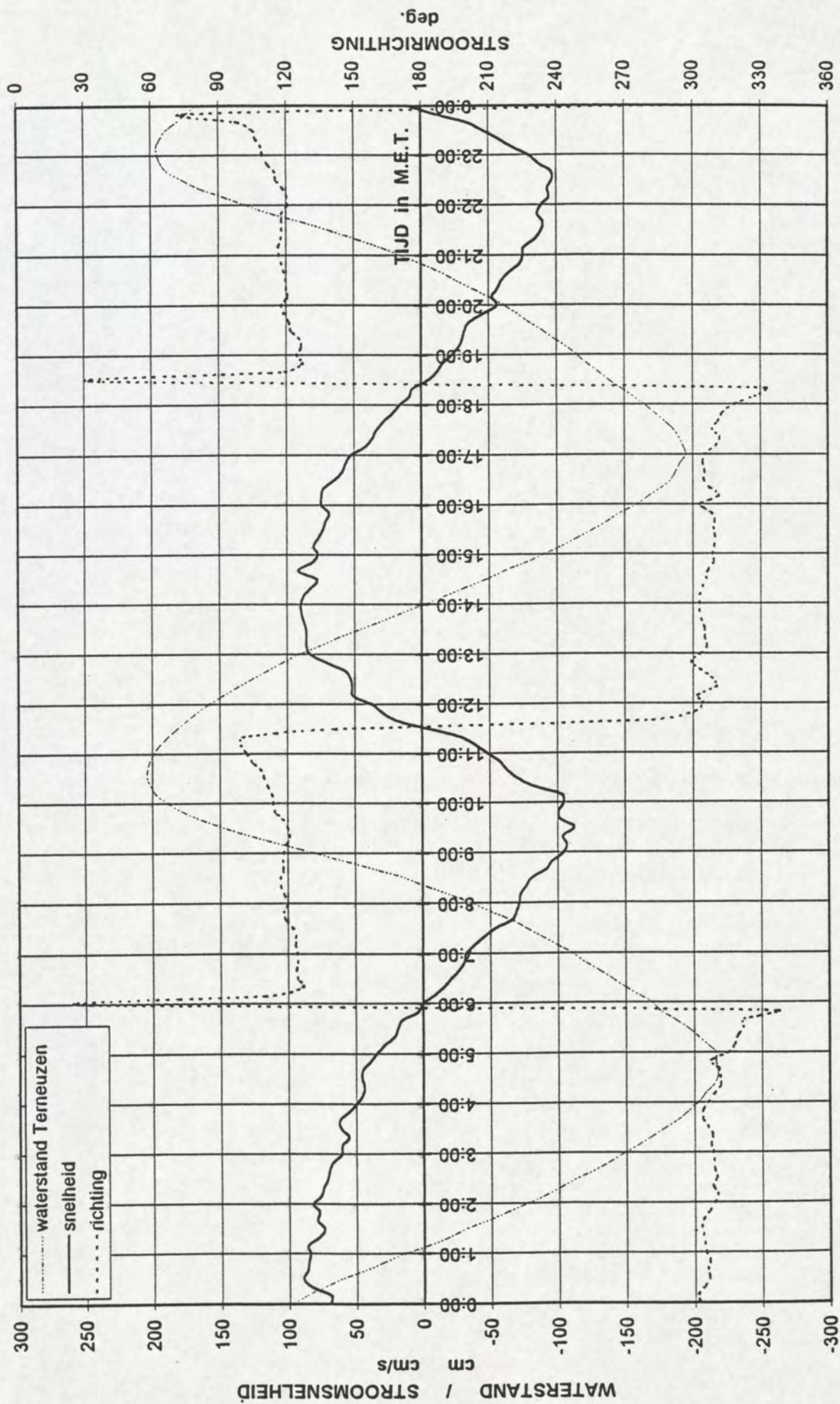
Debietraai 7 meetpunt OSM 1

8 juli 1999

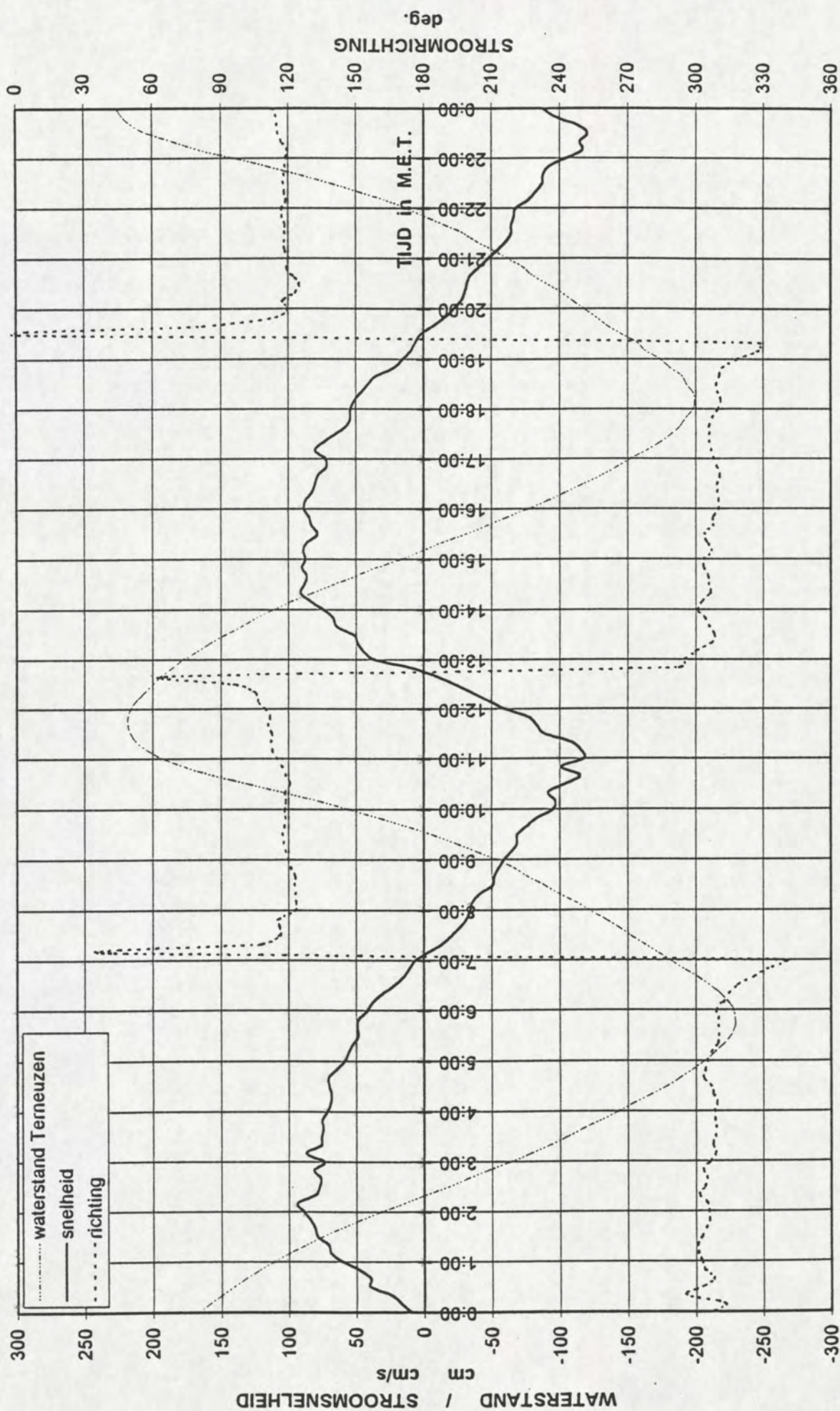


Debietraai 7 meetpunt OSM 1

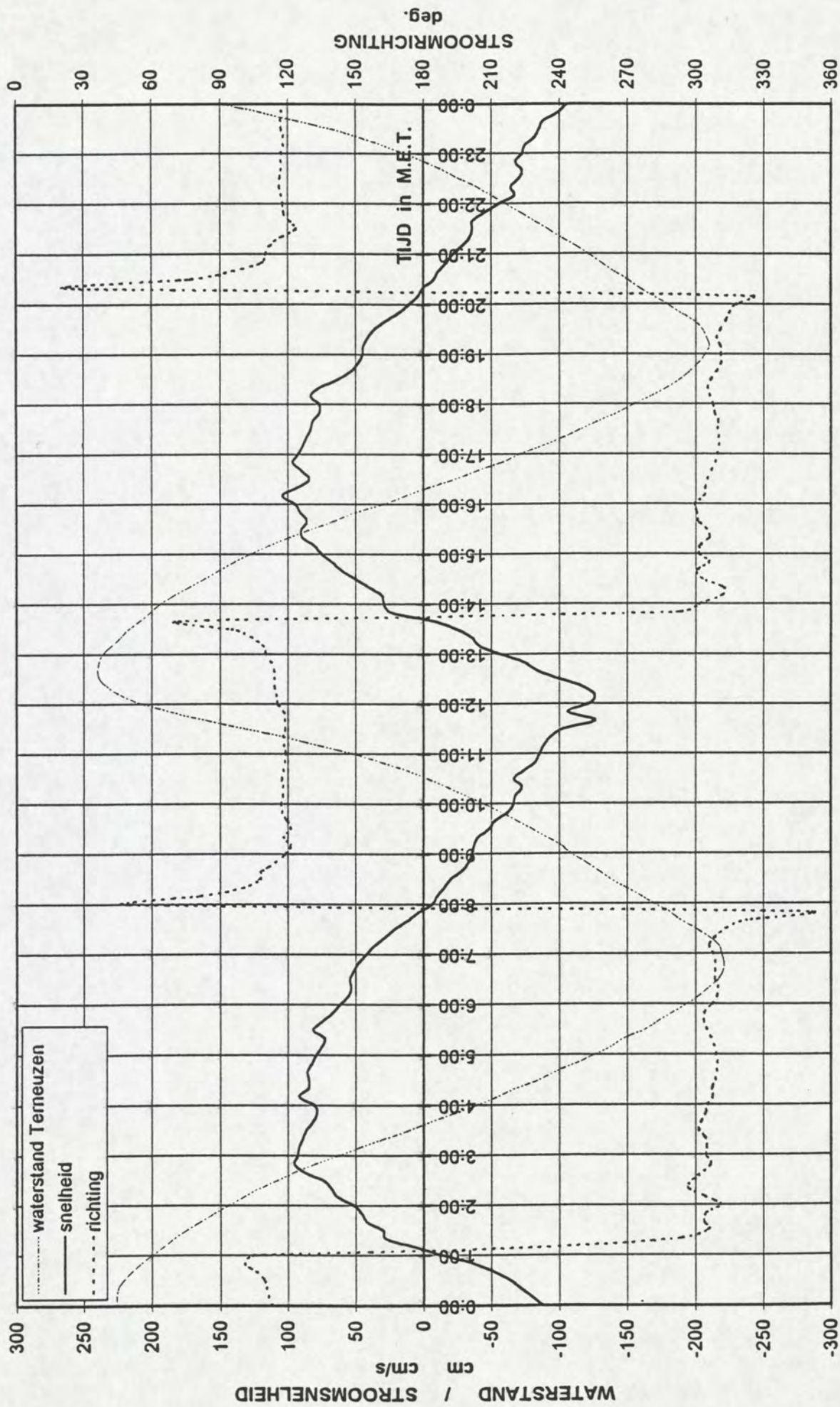
9 juli 1999



Debietraai 7 meetpunt OSM 1
10 juli 1999

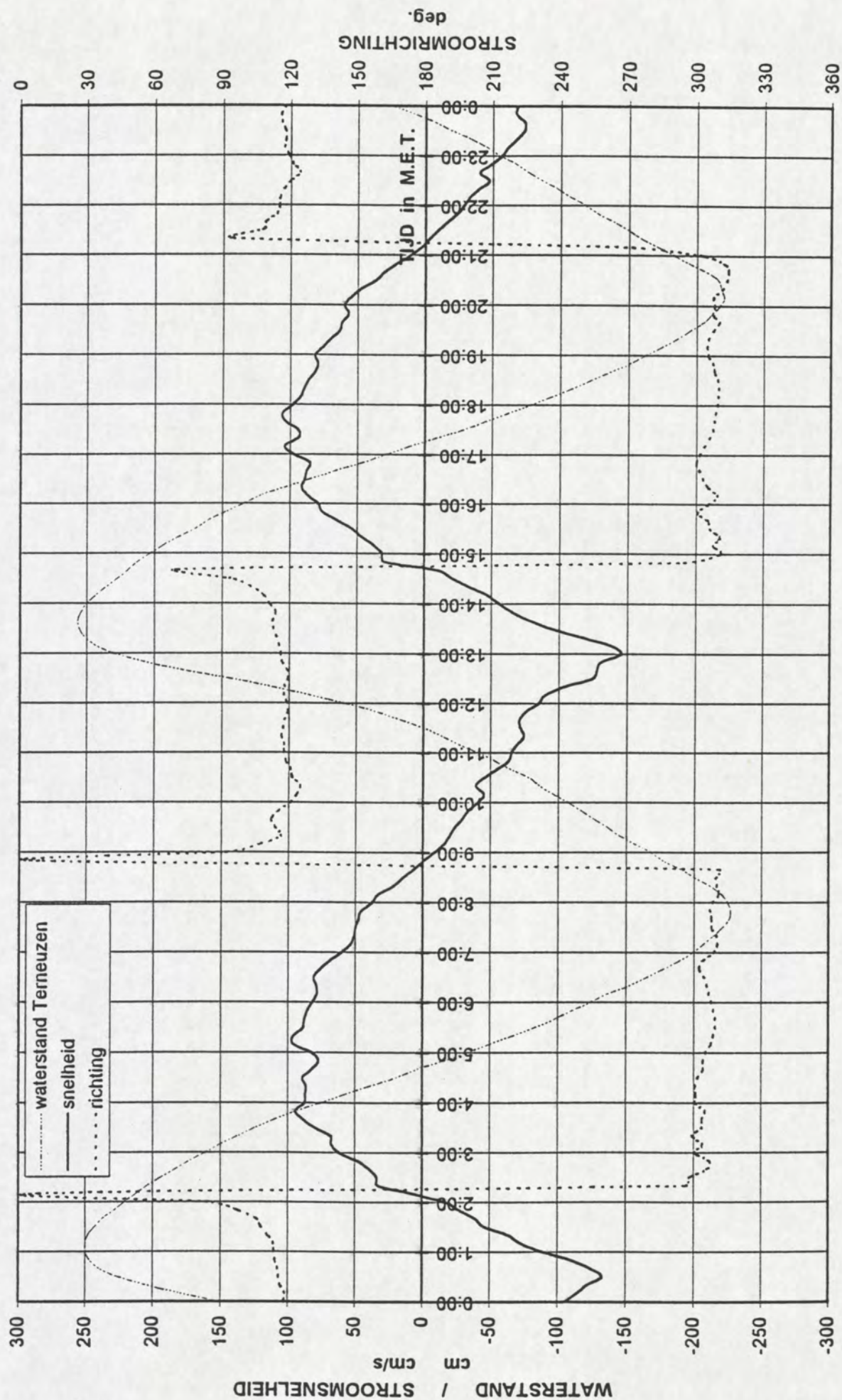


Debietraai 7 meetpunt OSM 1
11 juli 1999



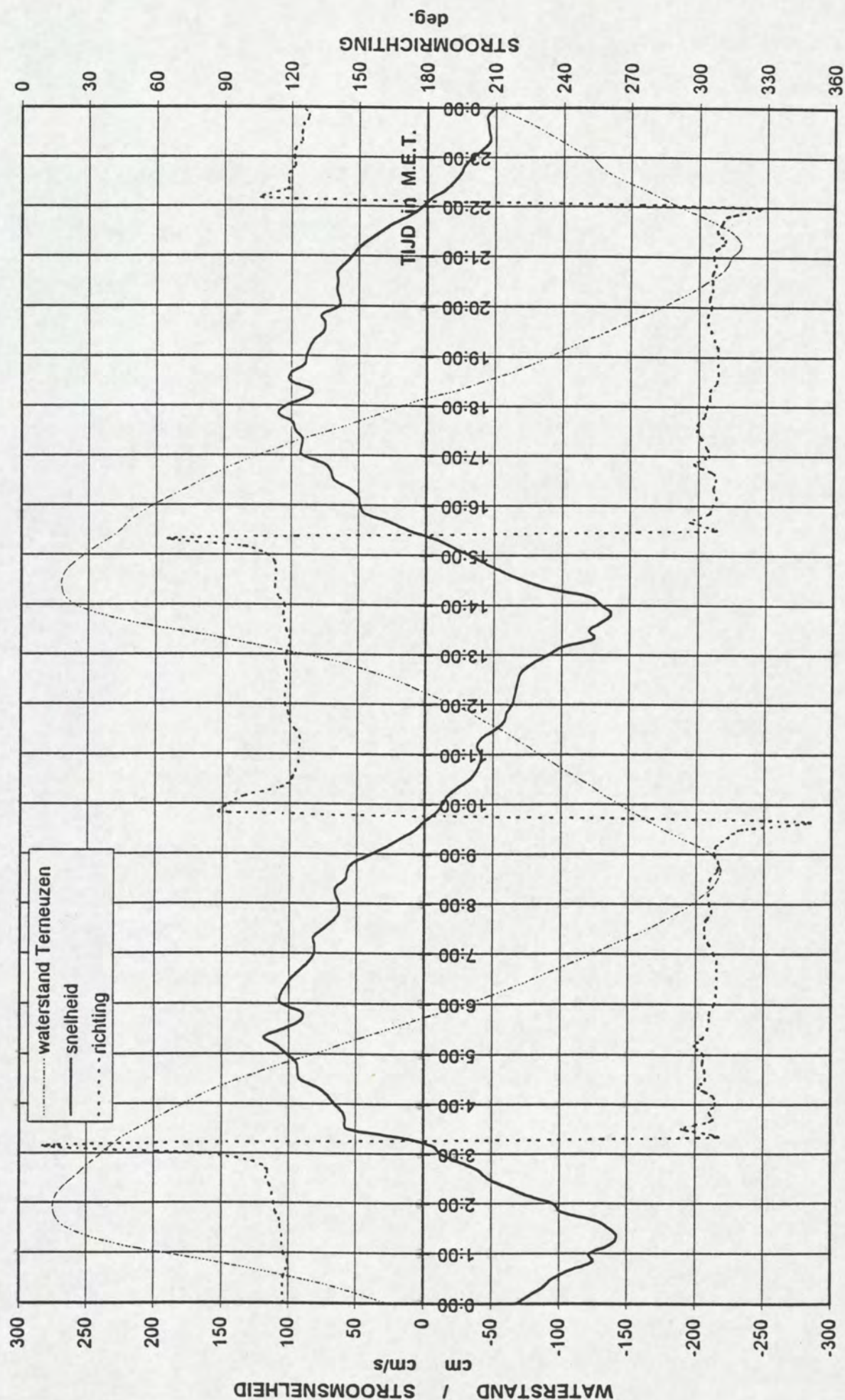
Debietraai 7 meetpunt OSM 1

12 juli 1999



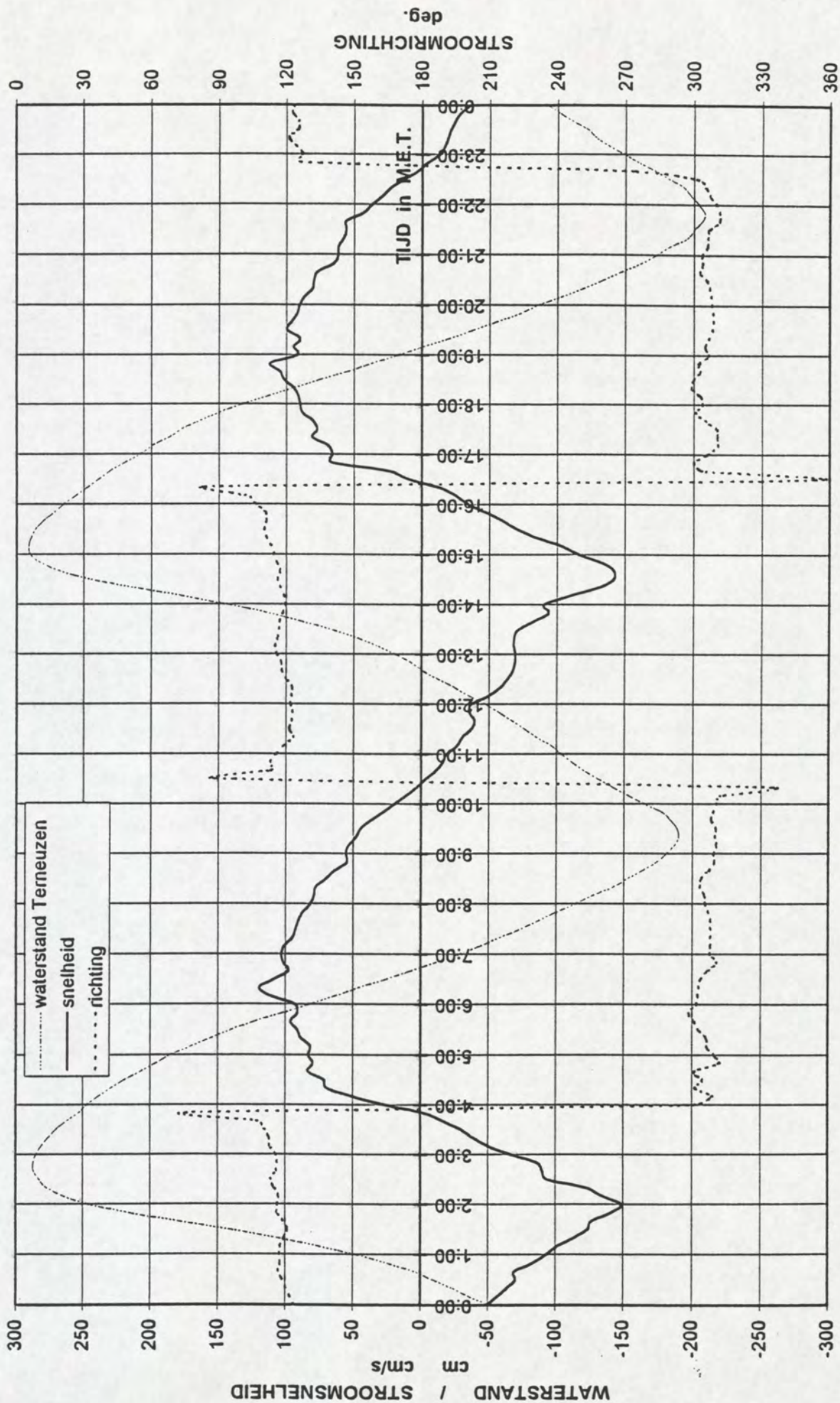
Debietraai 7 meetpunt OSM 1

13 juli 1999



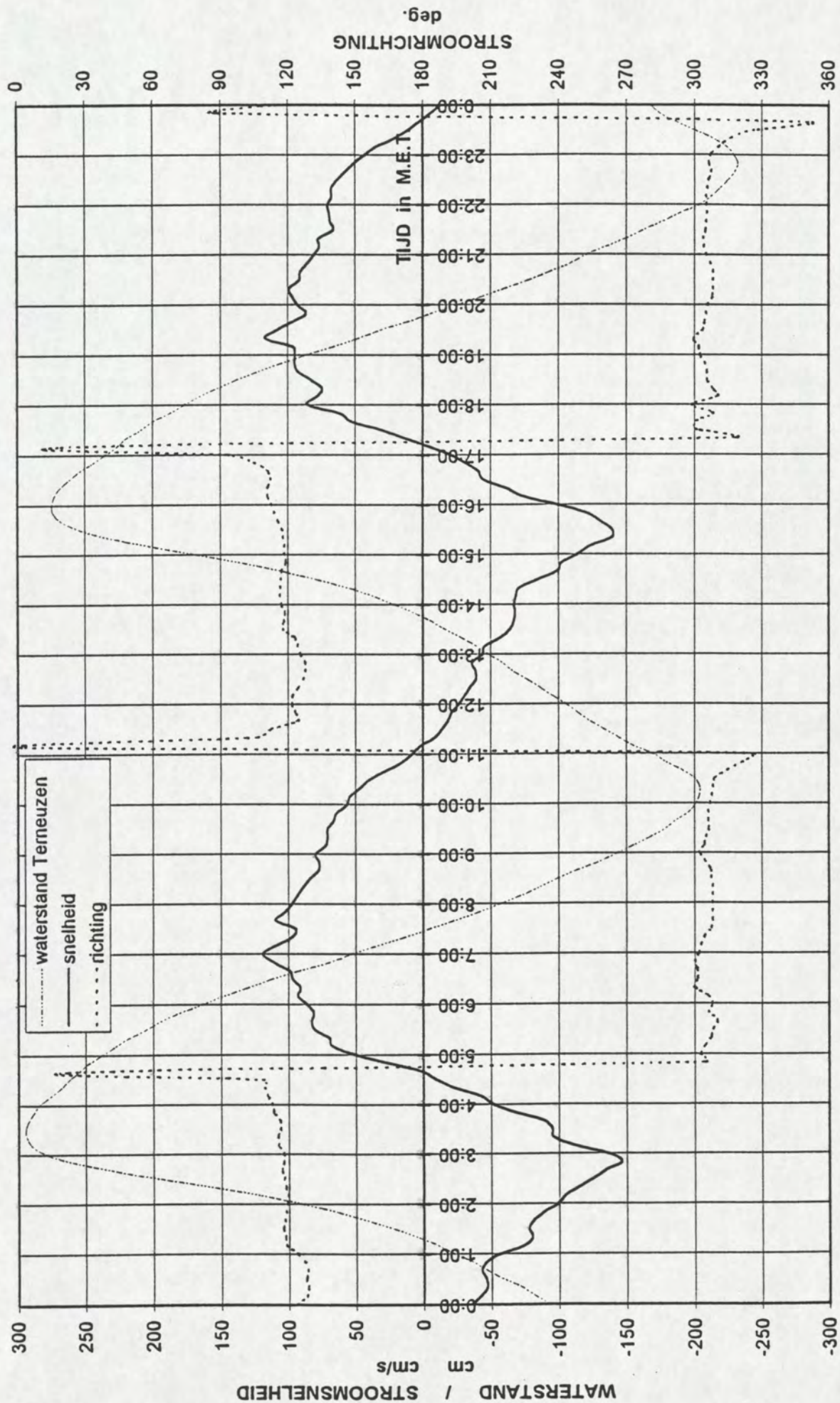
Debietraai 7 meetpunt OSM 1

14 juli 1999



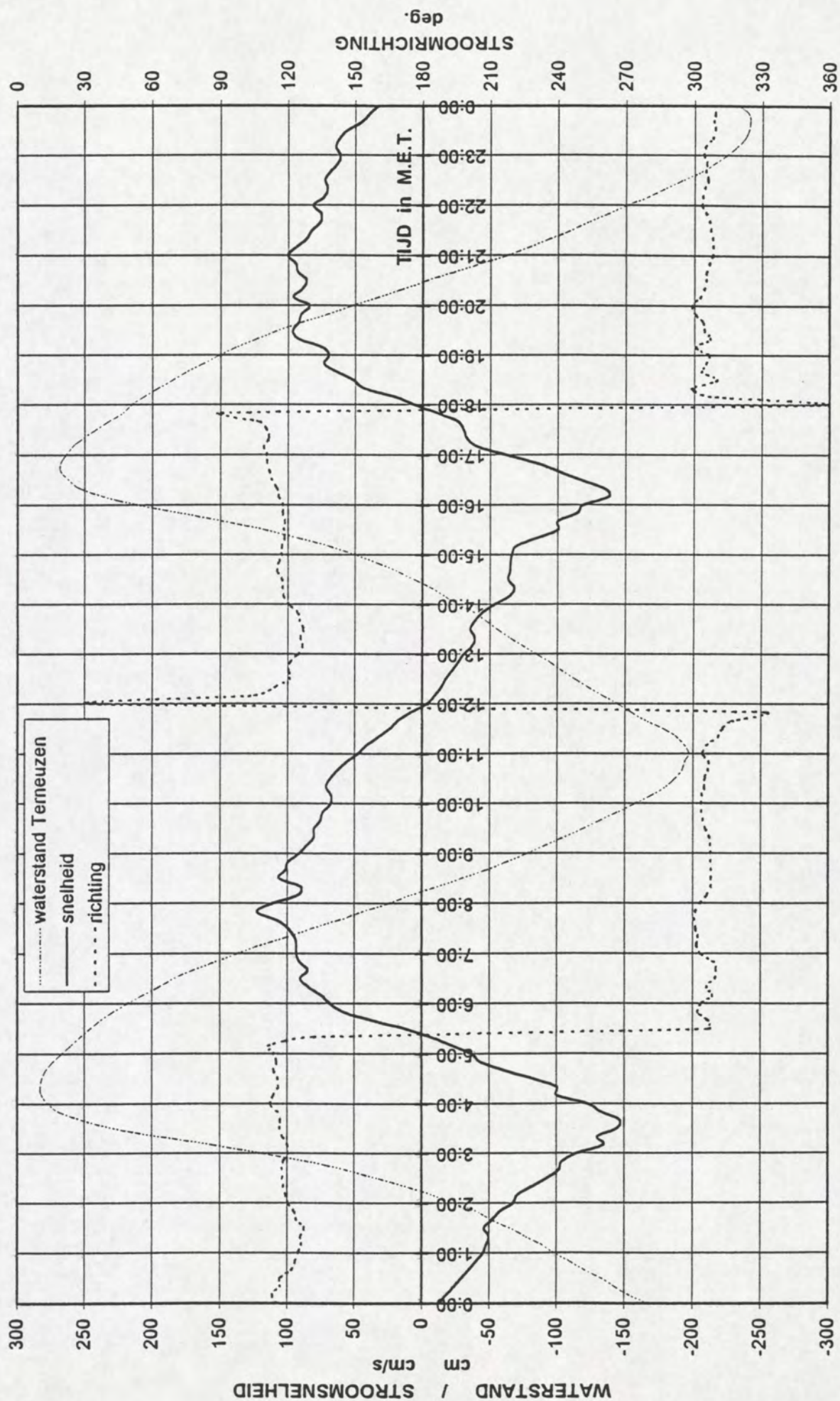
Debietraai 7 meetpunt OSM 1

15 juli 1999

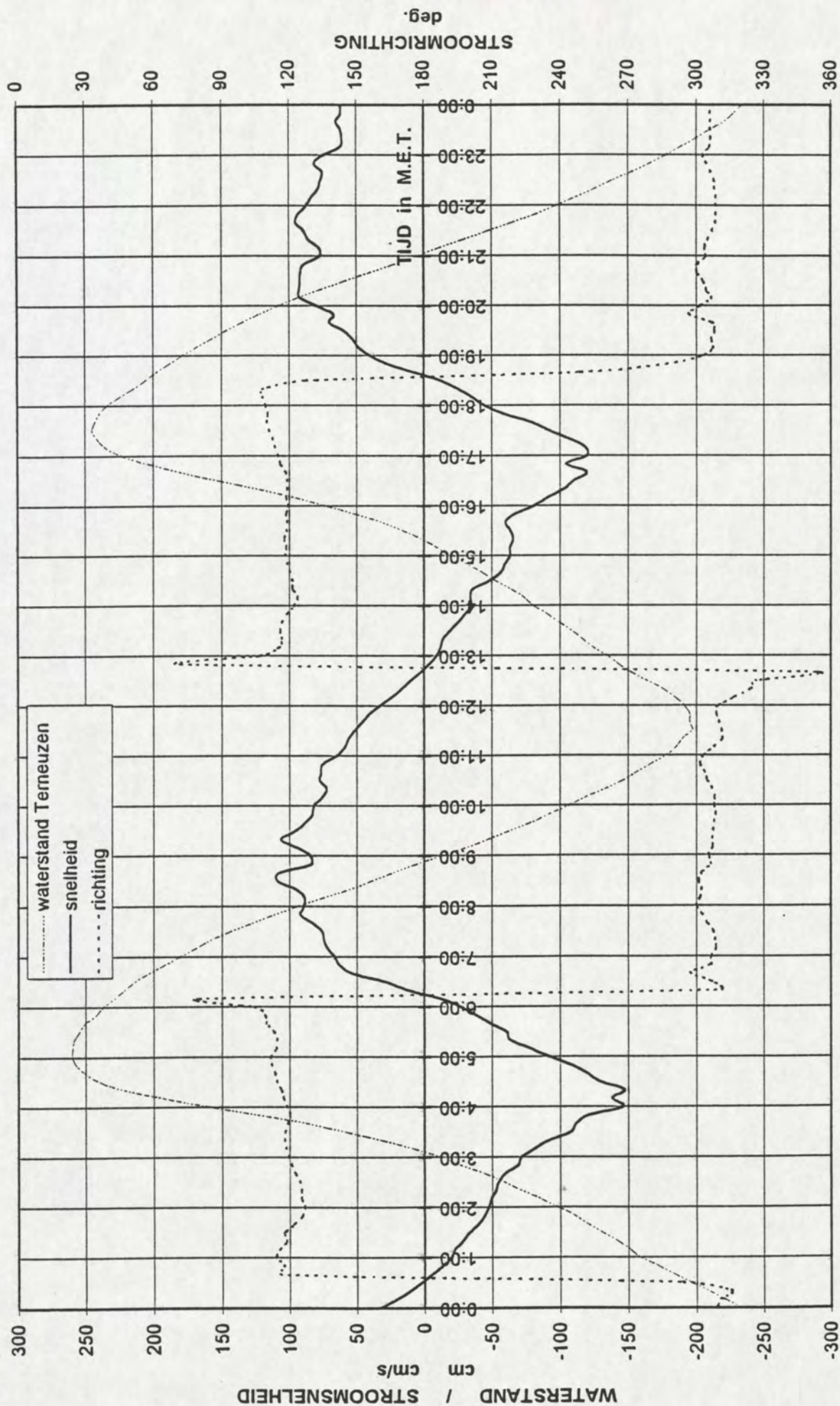


Debietraai 7 meetpunt OSM 1

16 juli 1999

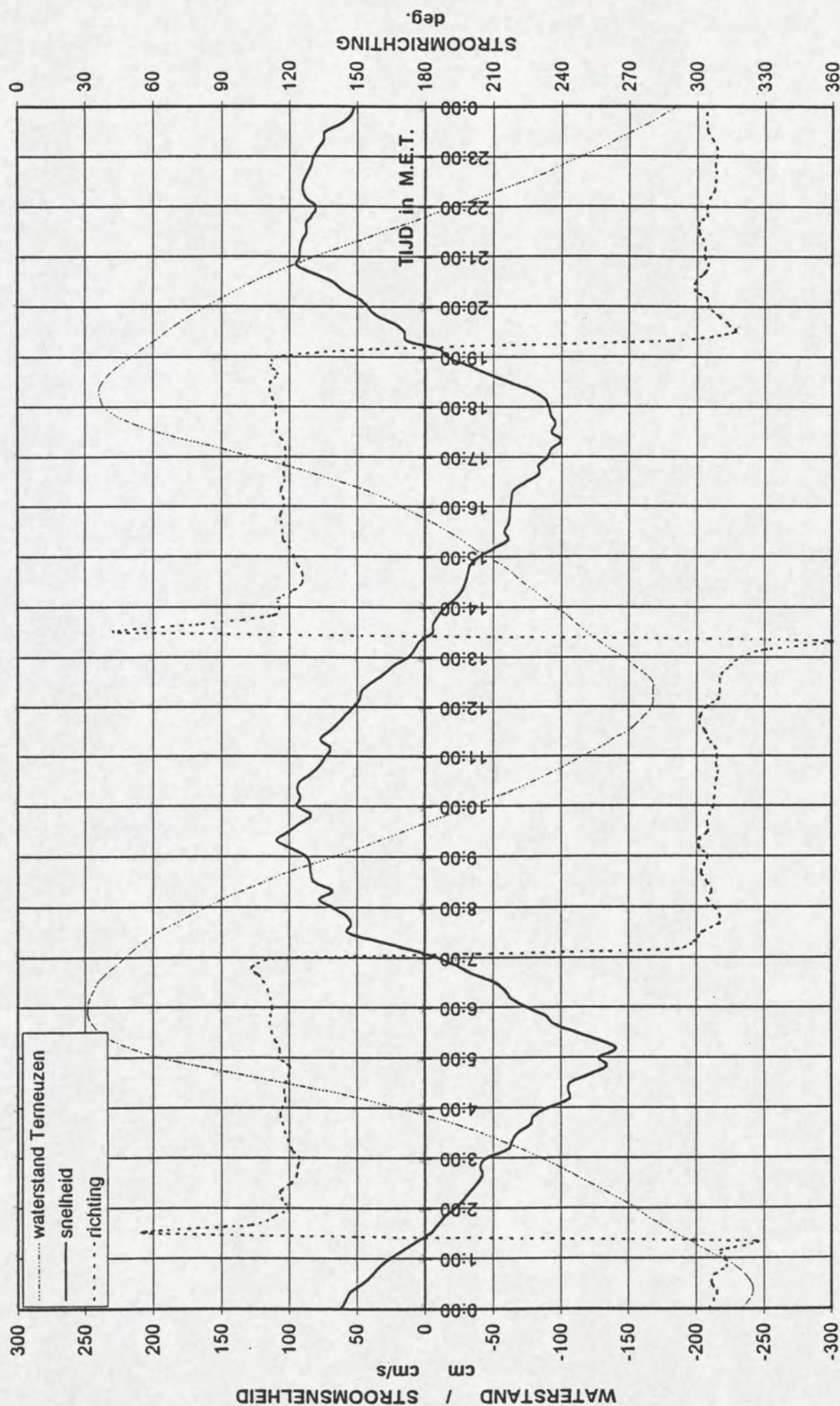


Debietraai 7 meetpunt OSM 1
17 juli 1999

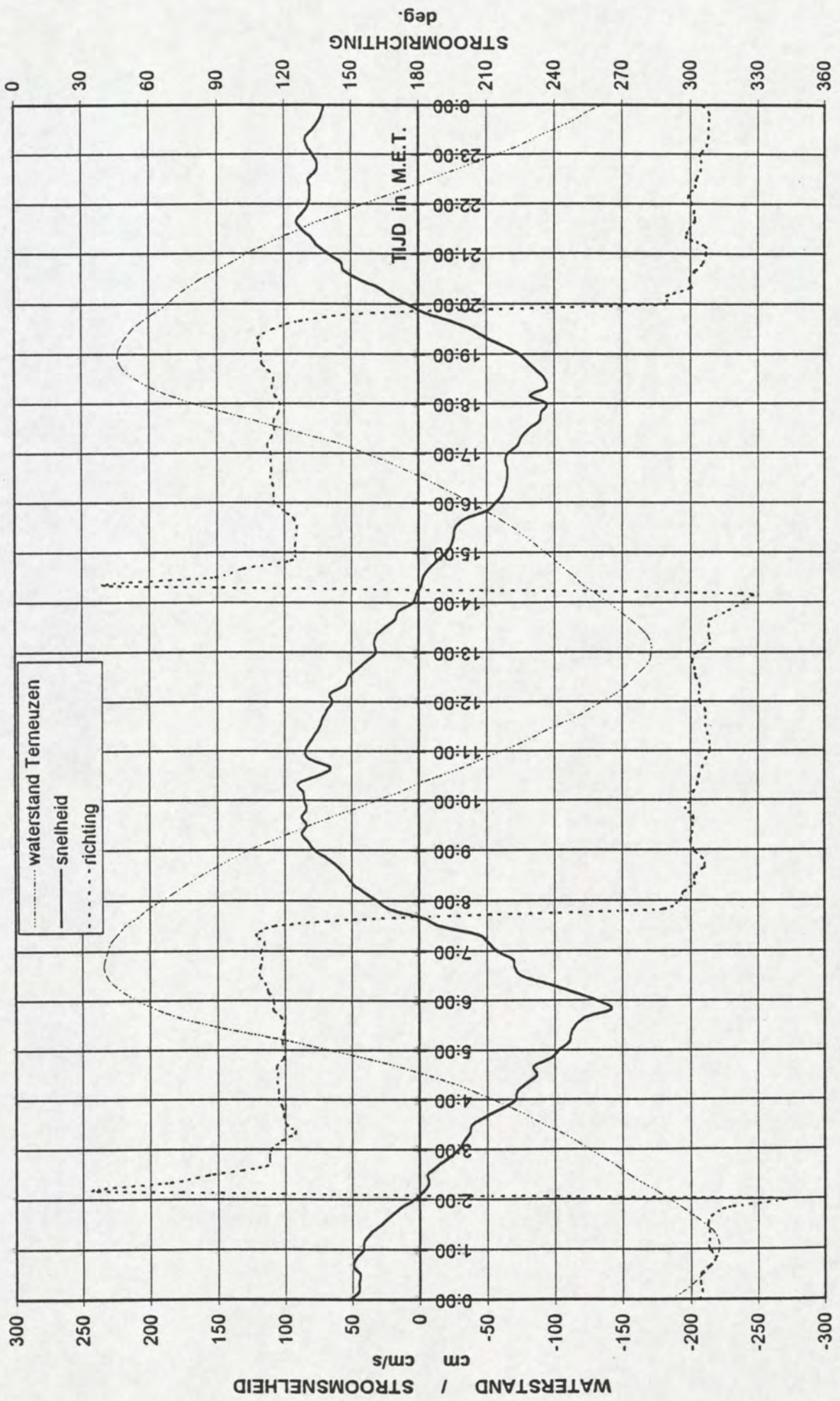


Debietraai 7 meetpunt OSM 1

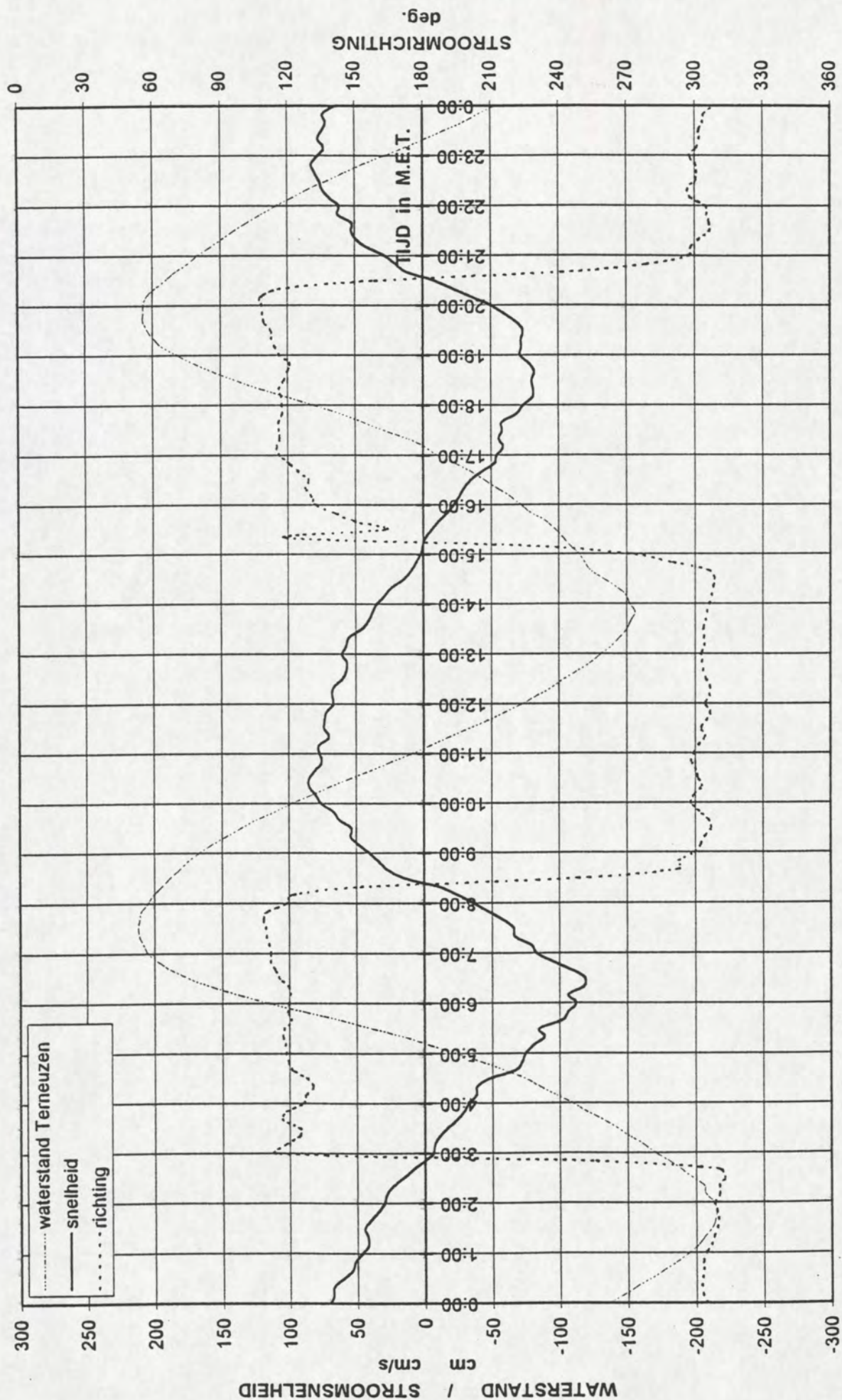
18 juli 1999



Debietraai 7 meetpunt OSM 1
19 juli 1999

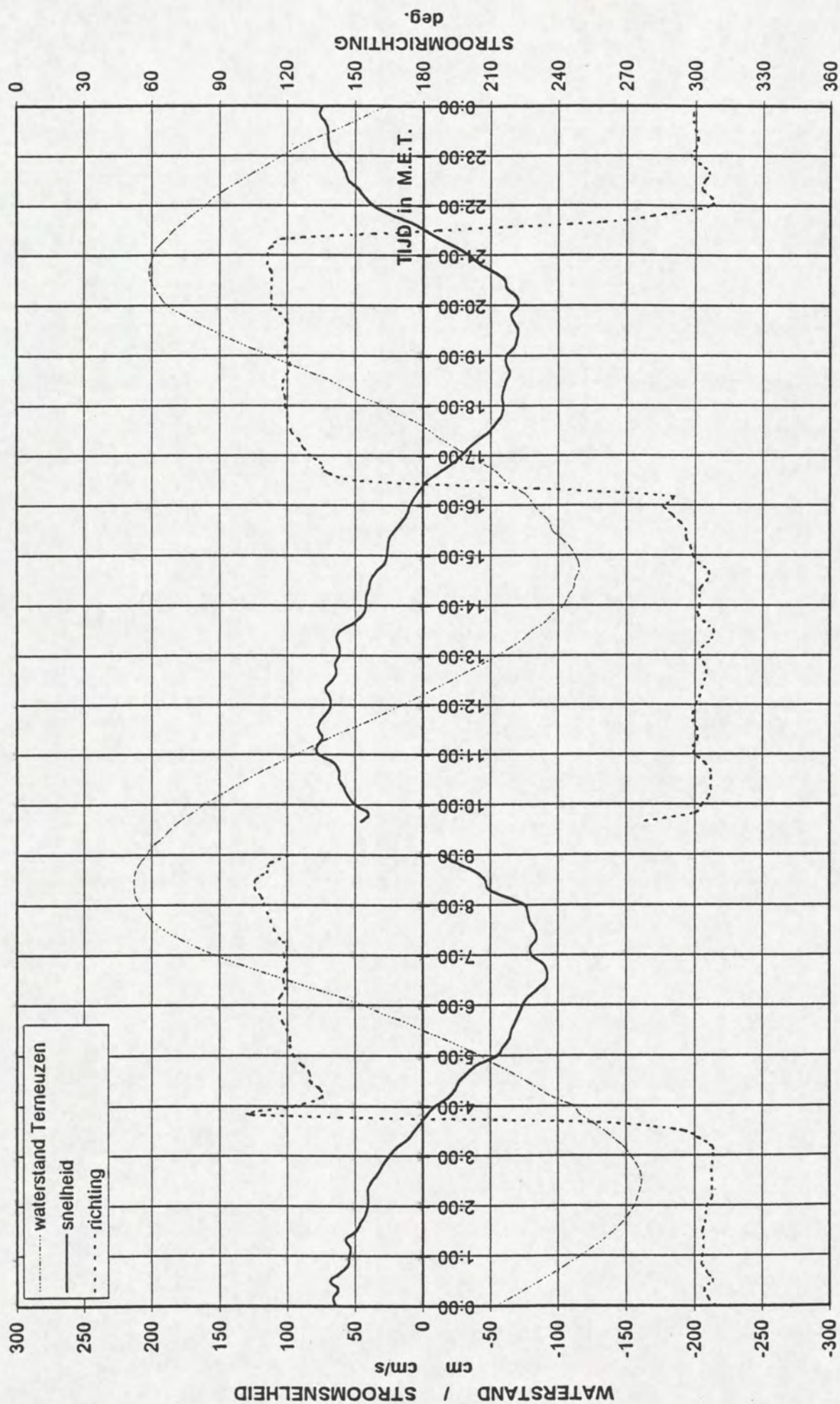


Debietraai 7 meetpunt OSM 1
20 juli 1999



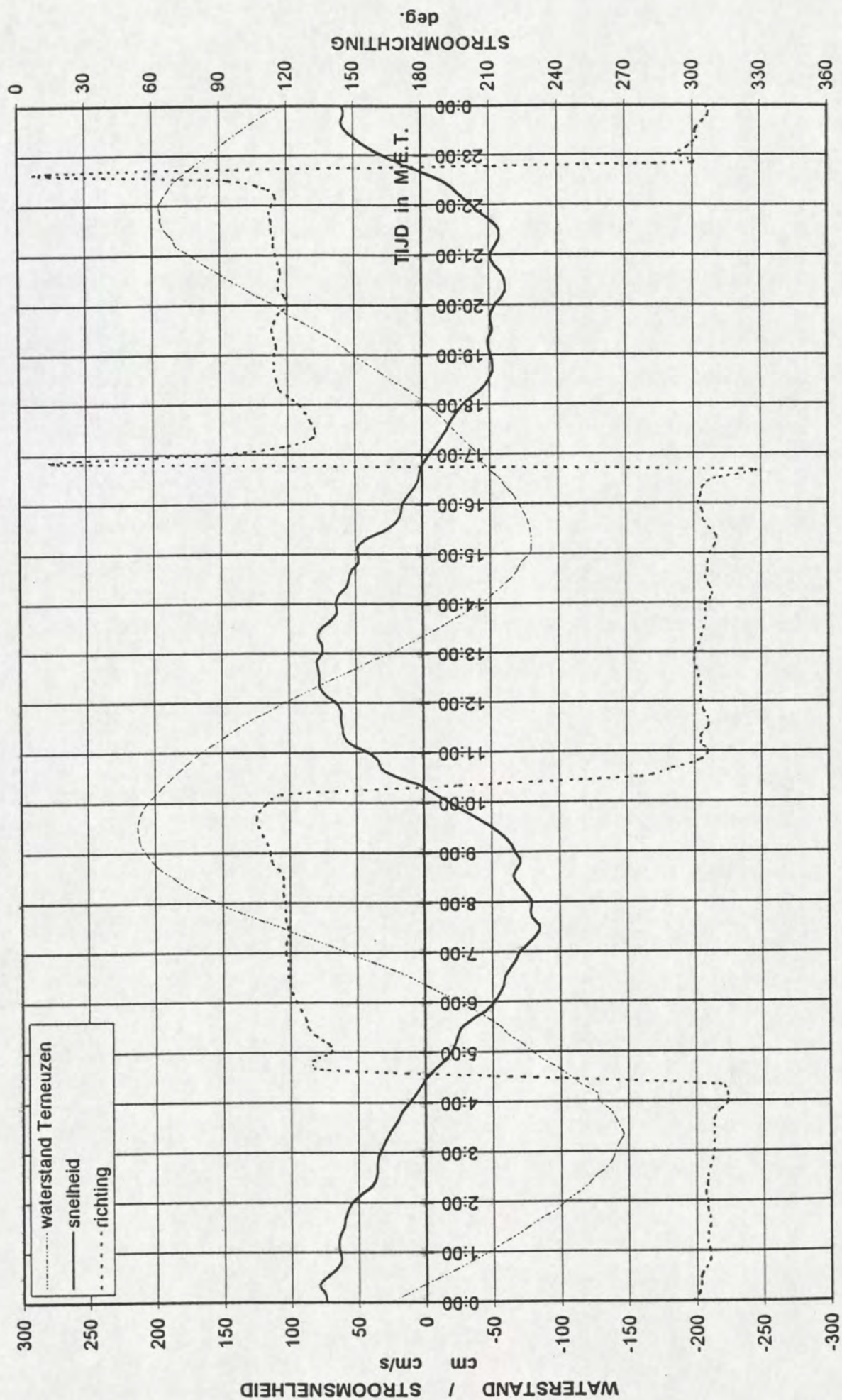
Debietraai 7 meetpunt OSM 1

21 juli 1999



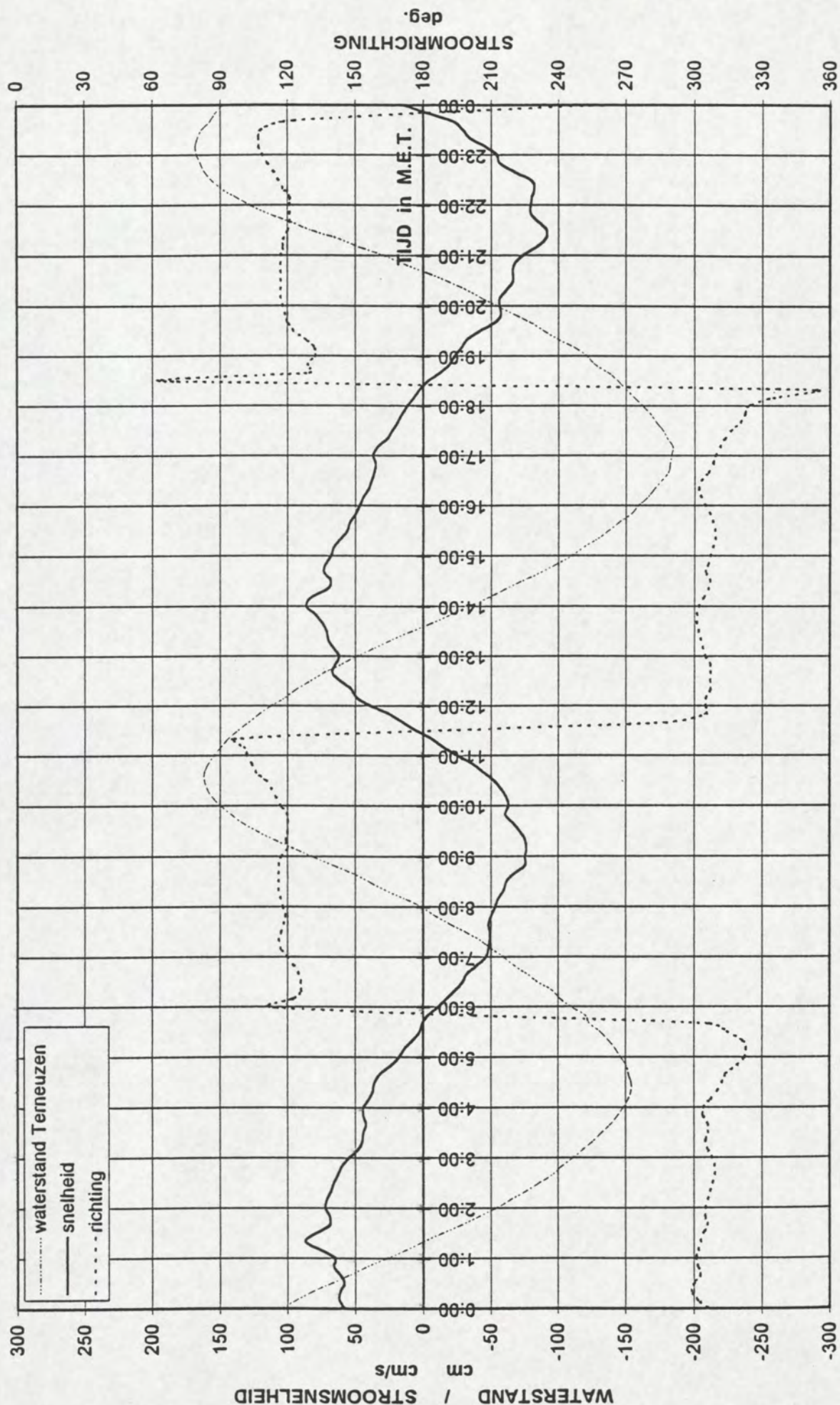
Debietraai 7 meetpunt OSM 1

22 juli 1999

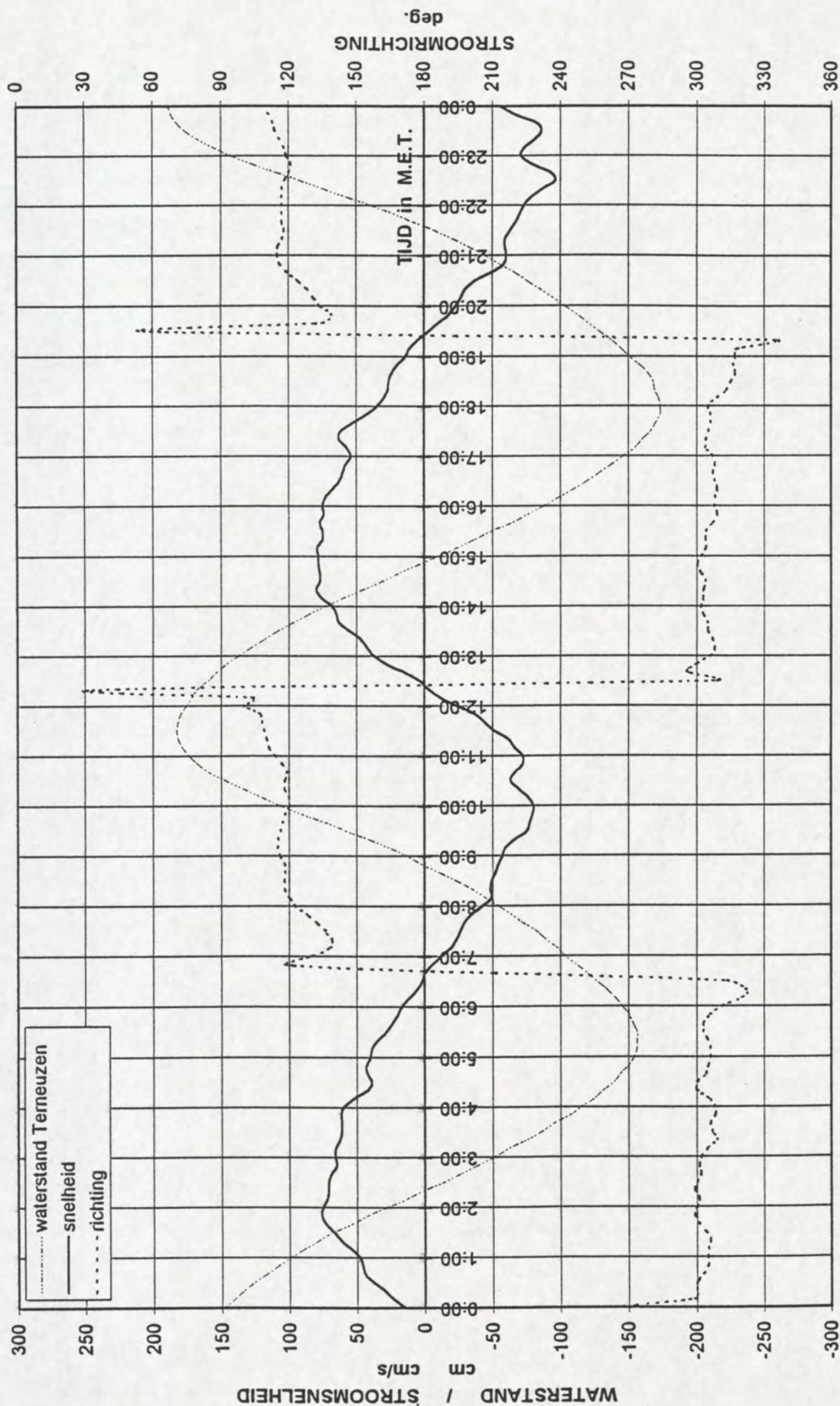


Debietraai 7 meetpunt OSM 1

23 juli 1999

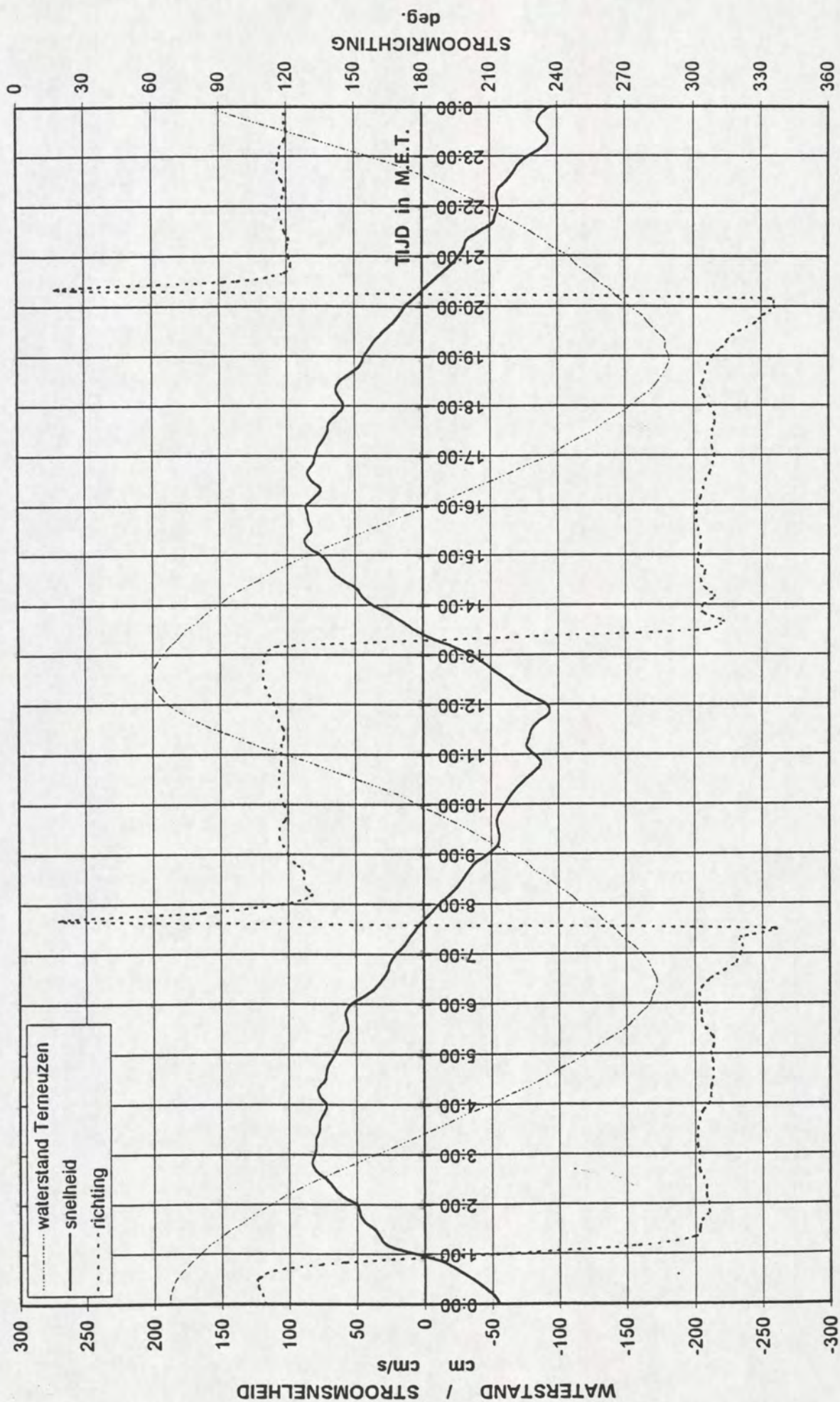


Debietraai 7 meetpunt OSM 1
24 juli 1999



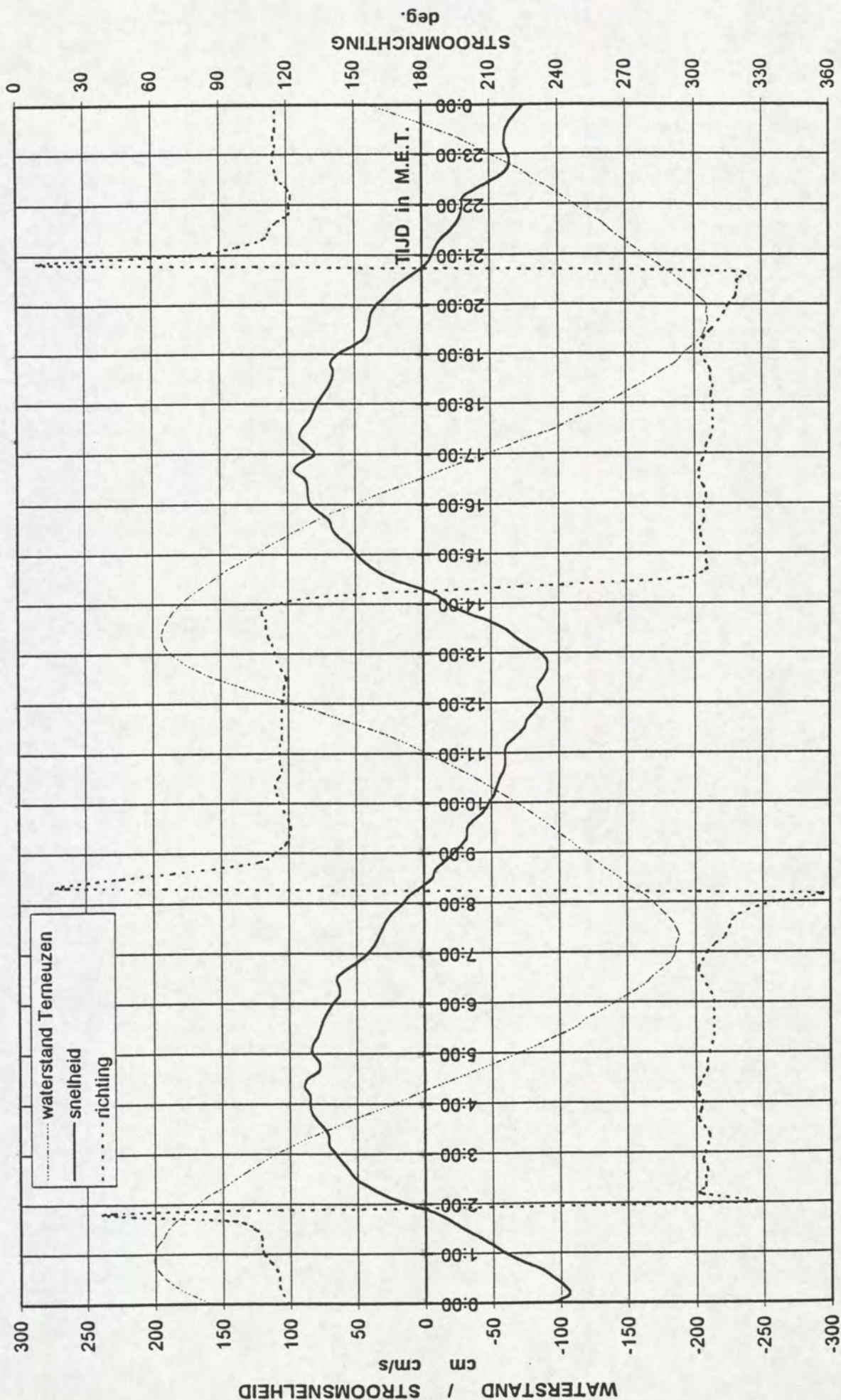
Debietraai 7 meetpunt OSM 1

25 juli 1999



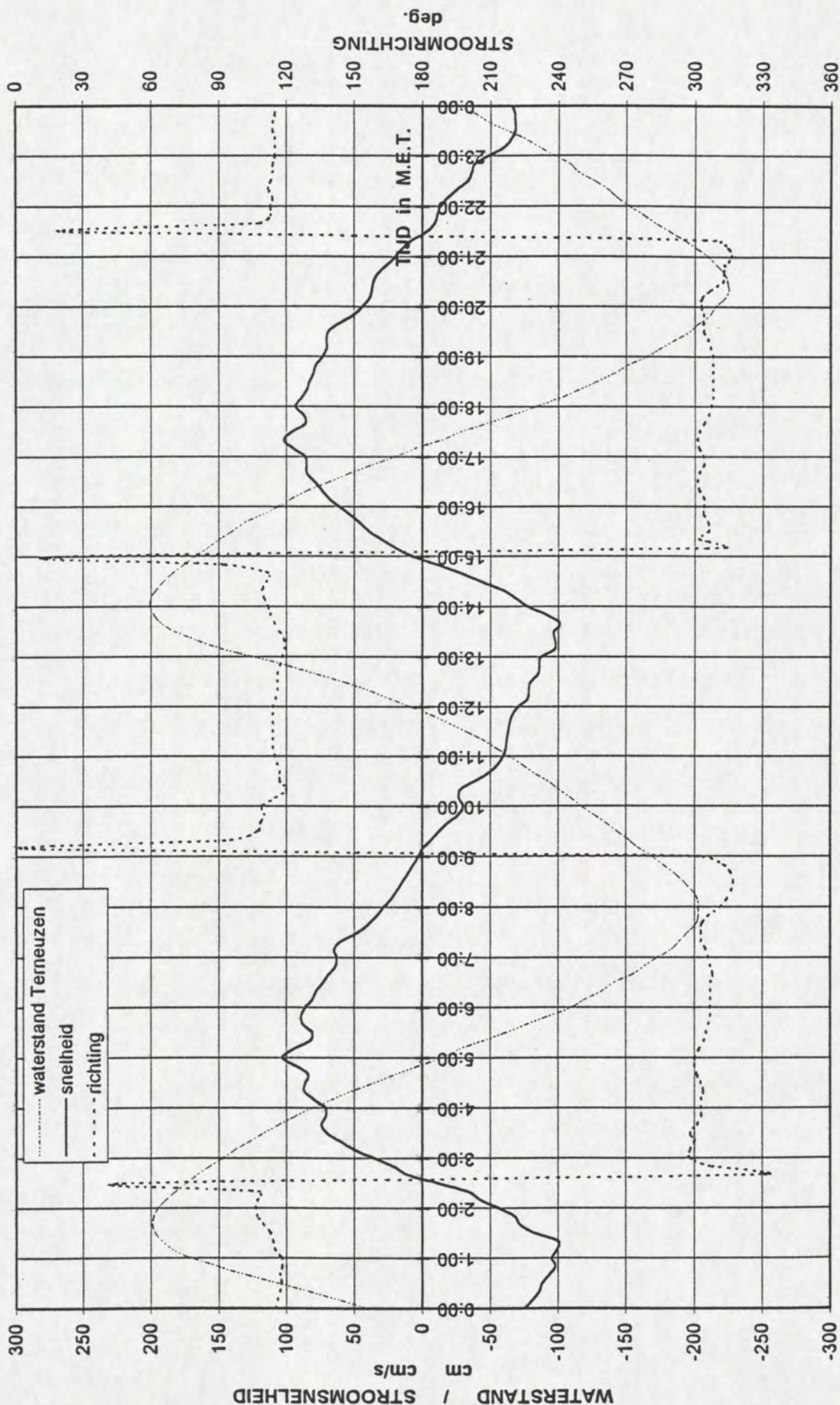
Debietraai 7 meetpunt OSM 1

26 juli 1999



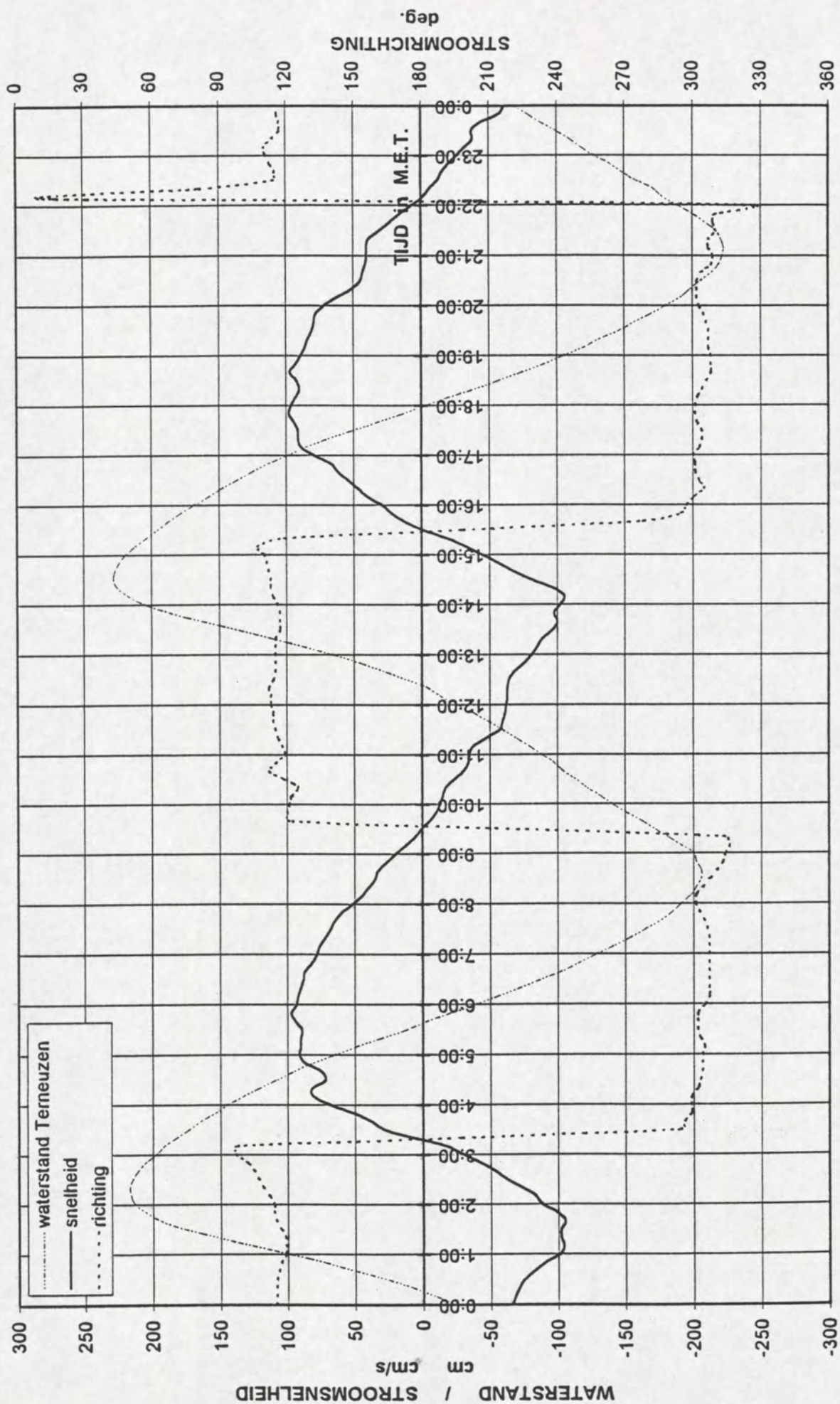
Debietraai 7 meetpunt OSM 1

27 juli 1999



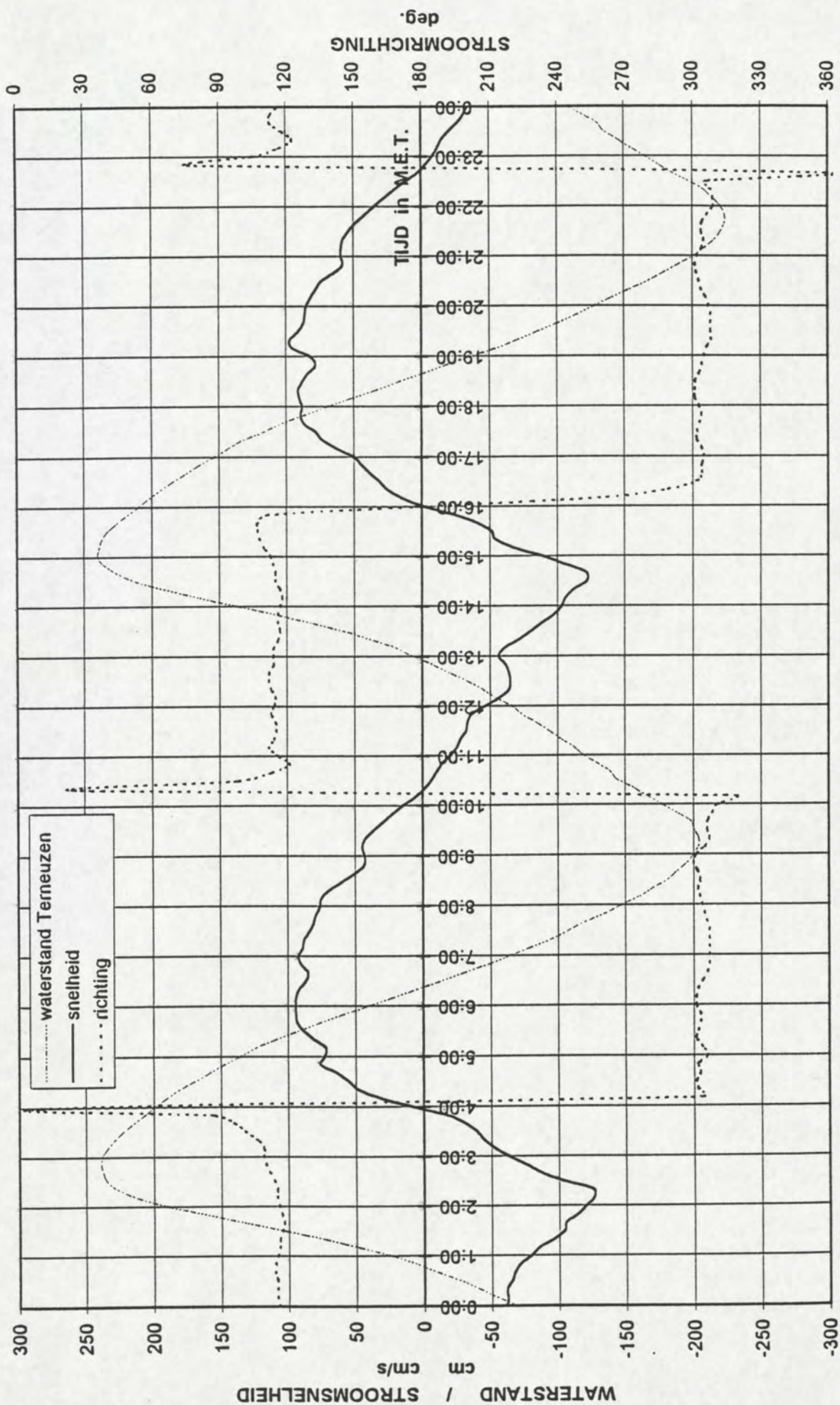
Debietraai 7 meetpunt OSM 1

28 juli 1999



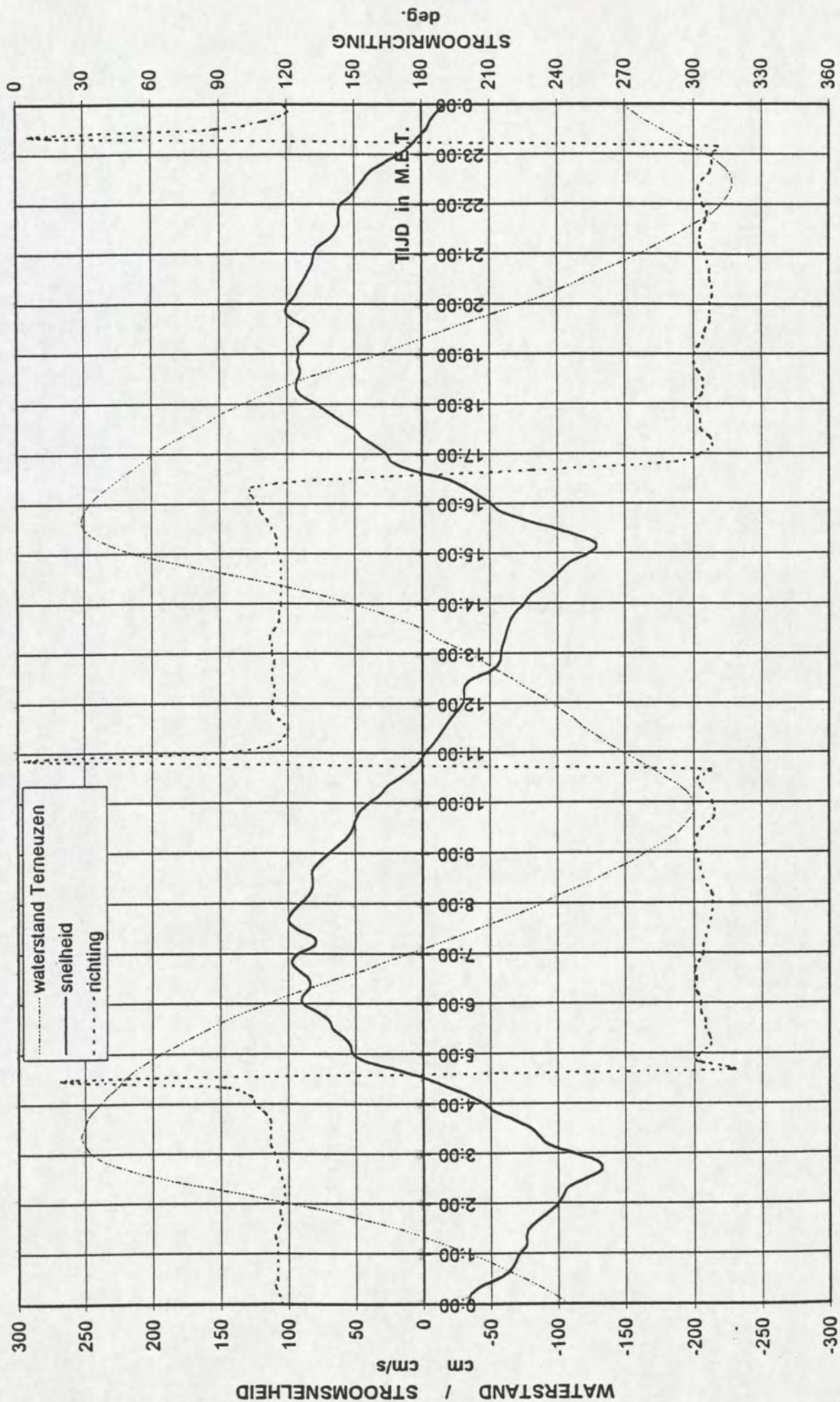
Debietraai 7 meetpunt OSM 1

29 juli 1999



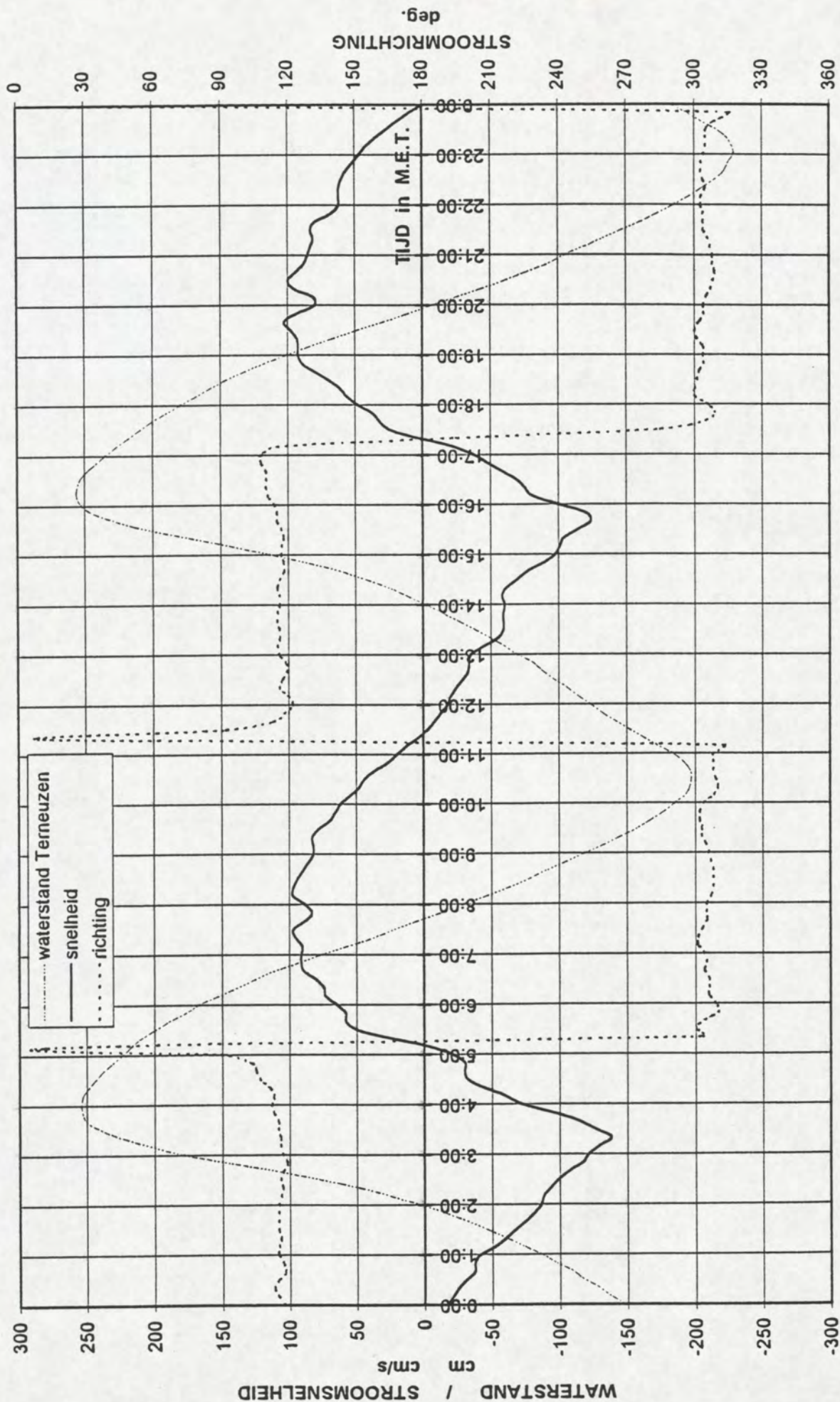
Debietraai 7 meetpunt OSM 1

30 juli 1999

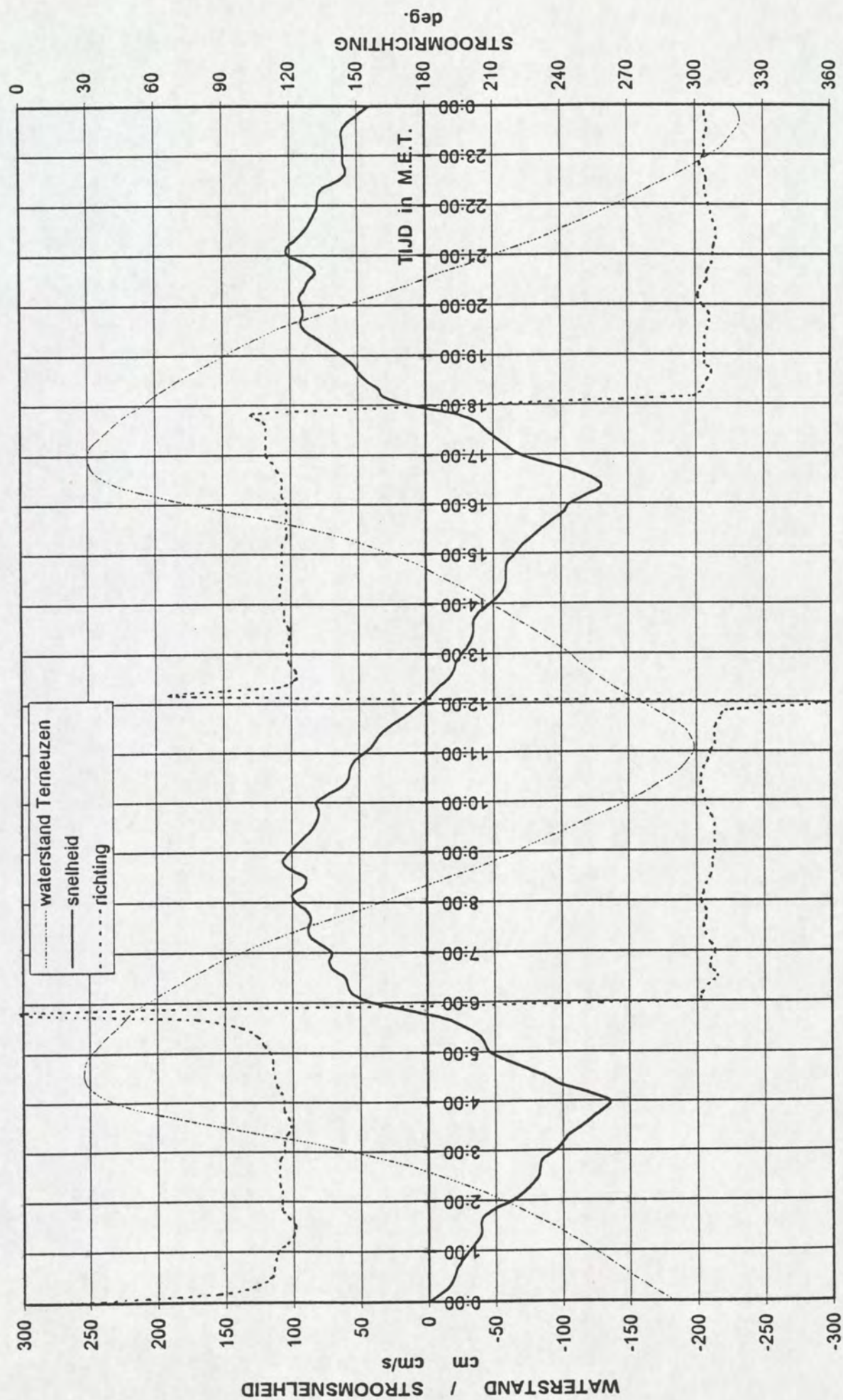


Debietraai 7 meetpunt OSM 1

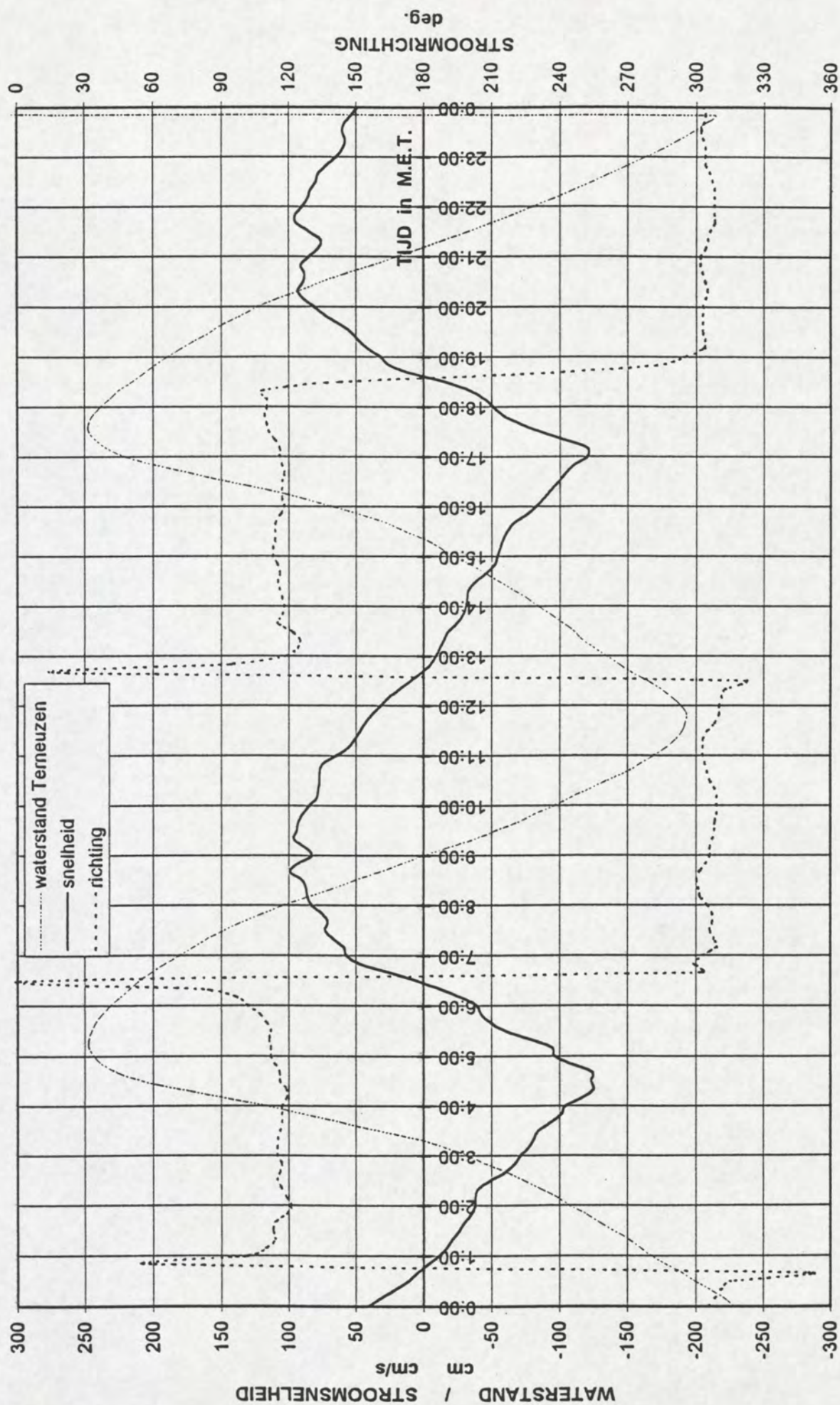
31 juli 1999



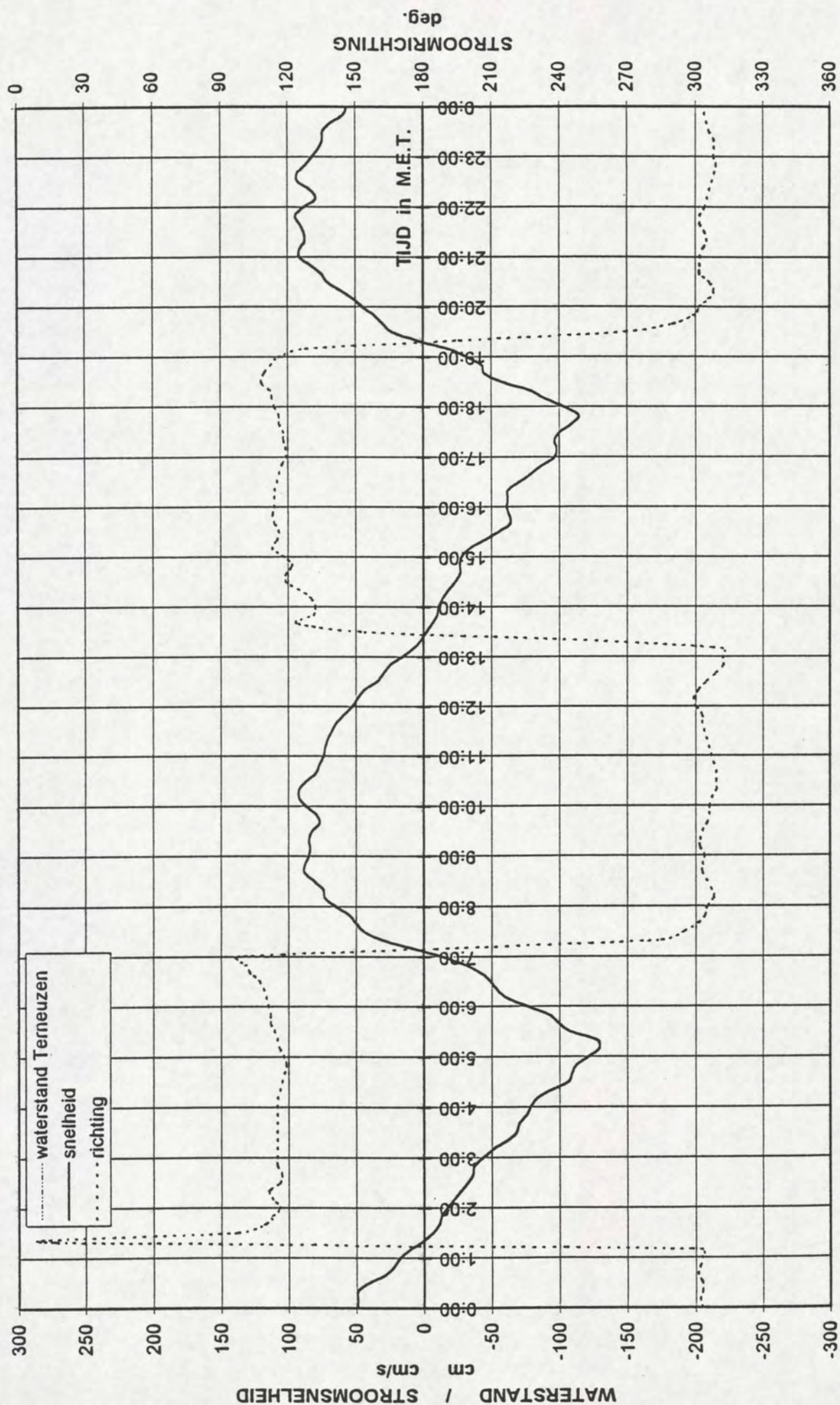
Debietraai 7 meetpunt OSM 1
1 augustus 1999



Debietraai 7 meetpunt OSM 1
2 augustus 1999

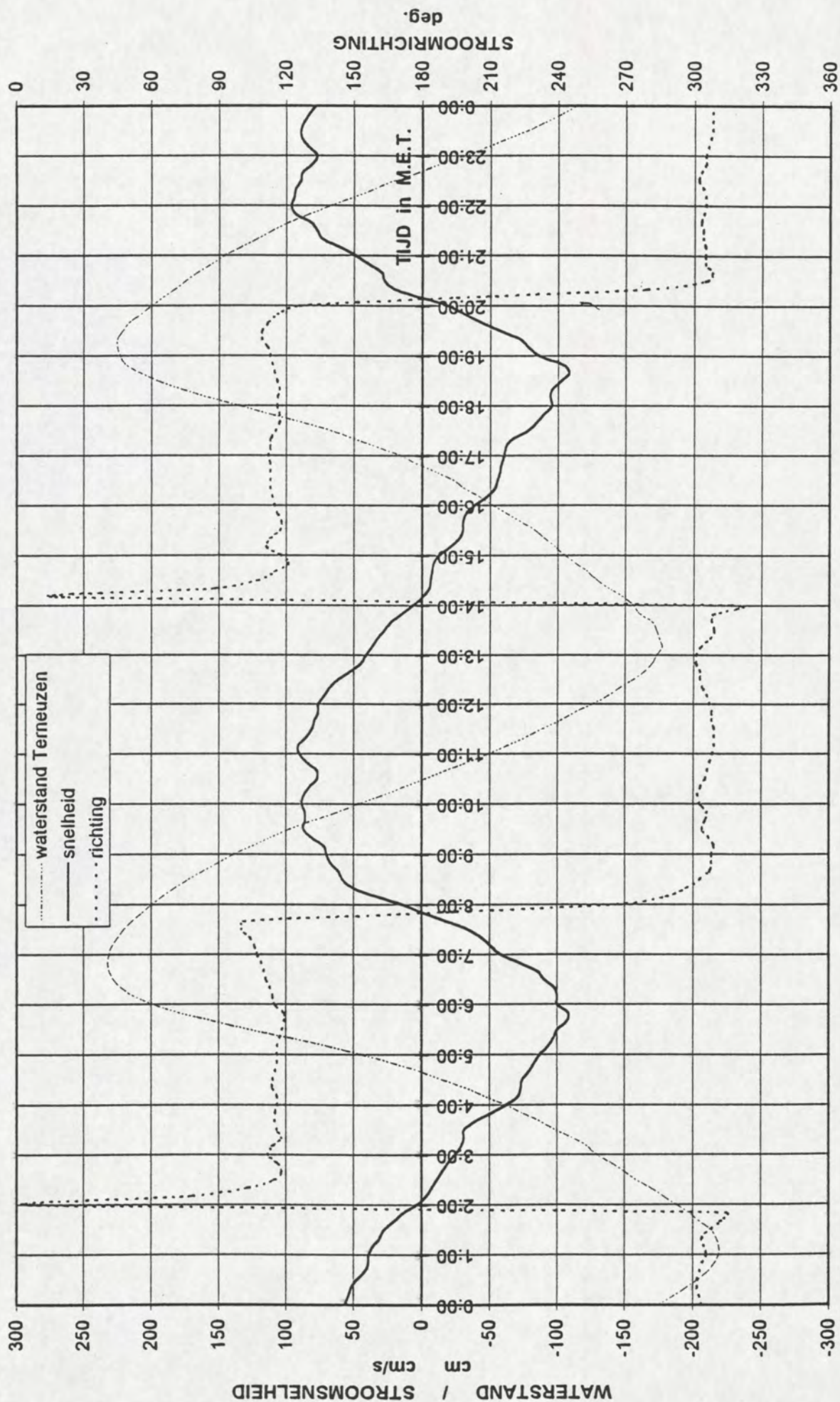


Debietraai 7 meetpunt OSM 1
3 augustus 1999

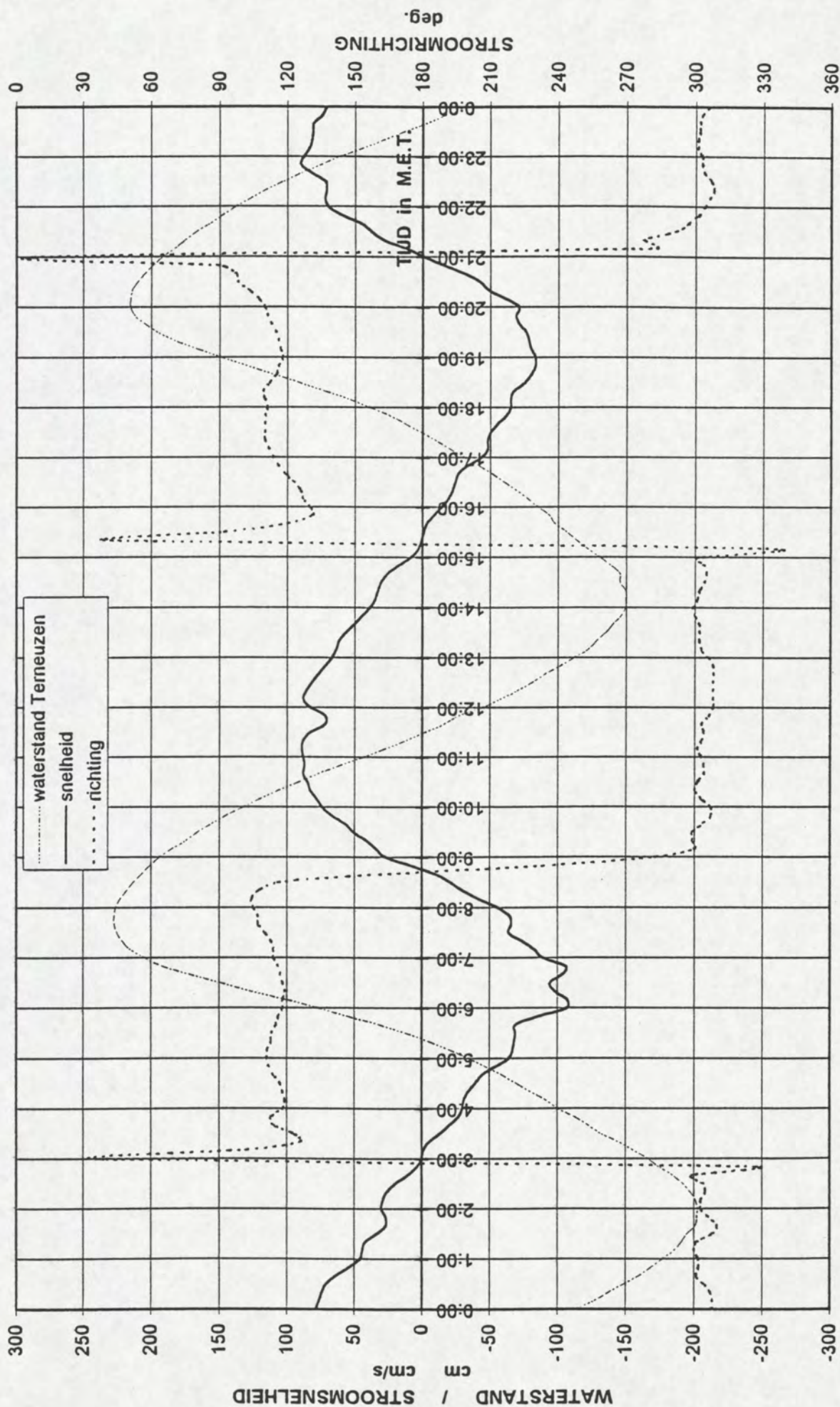


Debietraai 7 meetpunt OSM 1

4 augustus 1999

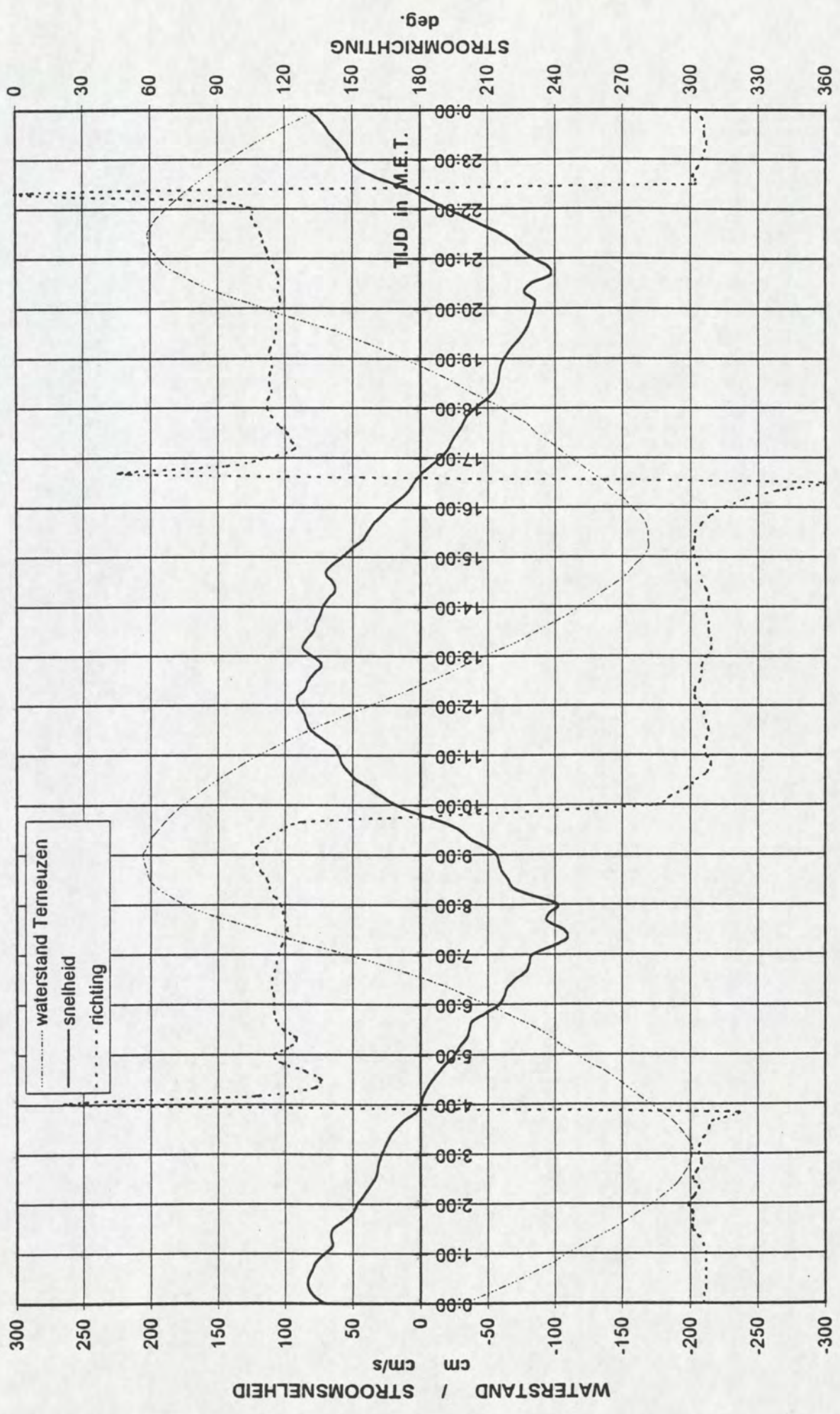


Debietraai 7 meetpunt OSM 1
5 augustus 1999



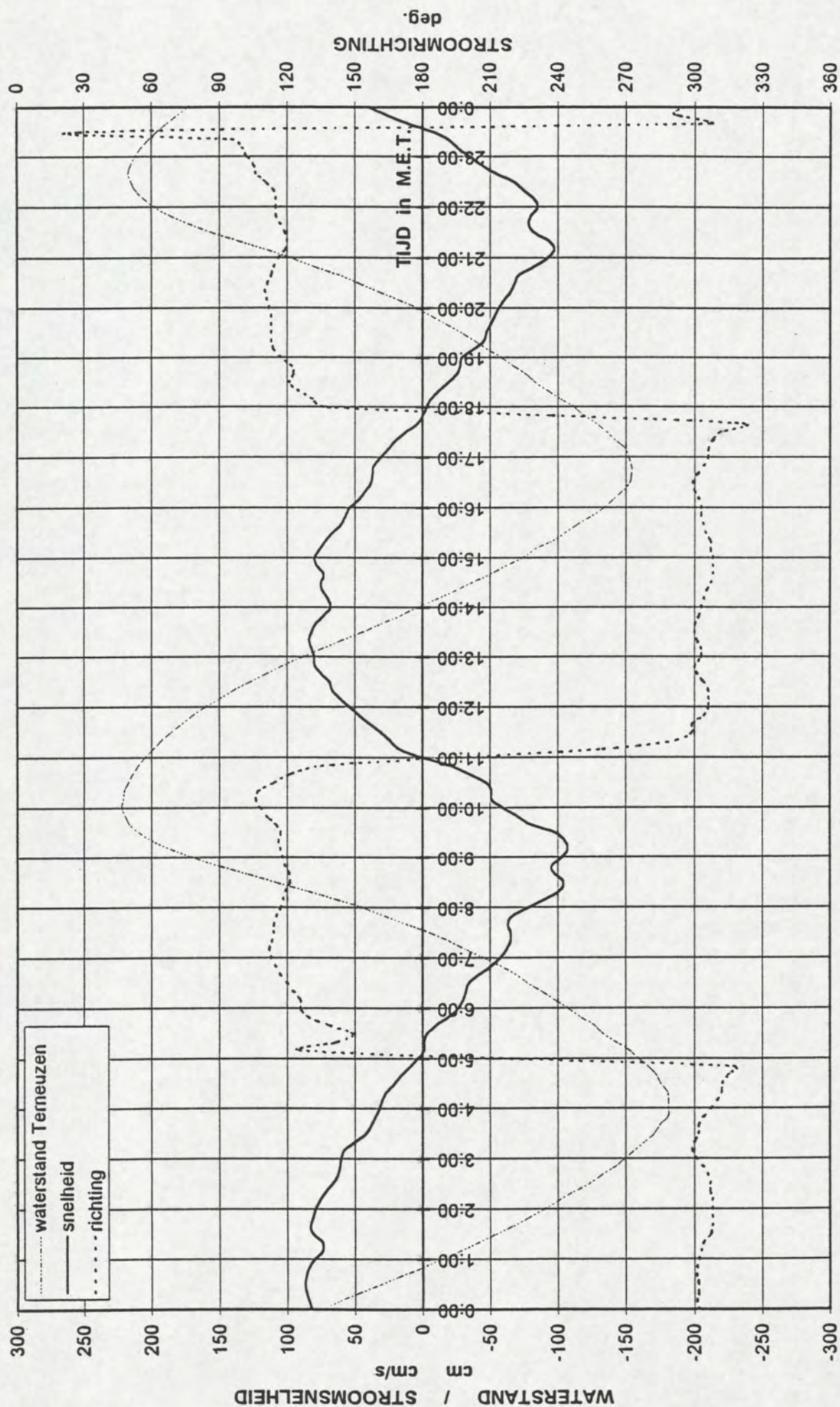
Debietraai 7 meetpunt OSM 1

6 augustus 1999



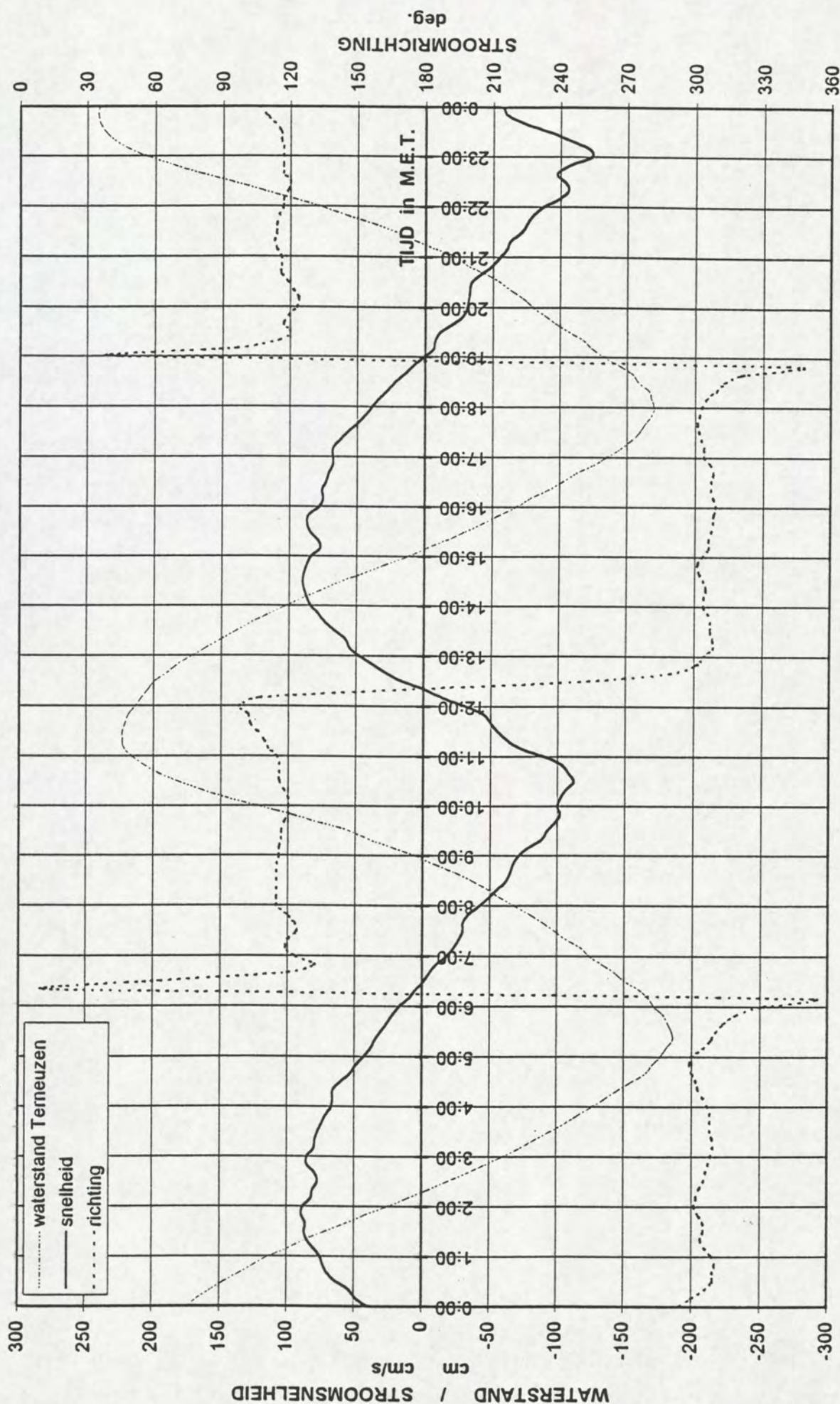
Debietraai 7 meetpunt OSM 1

7 augustus 1999



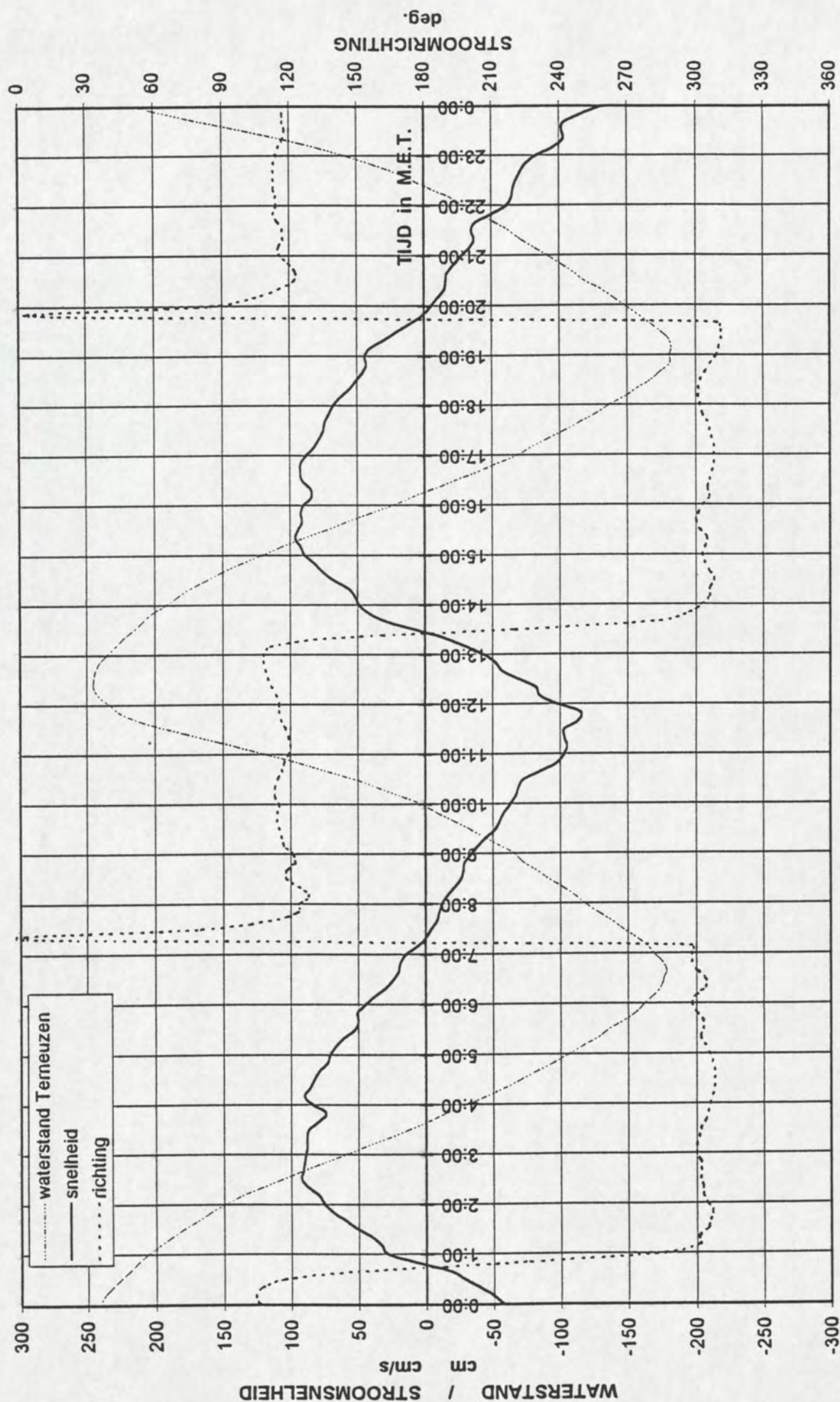
Debietraai 7 meetpunt OSM 1

8 augustus 1999



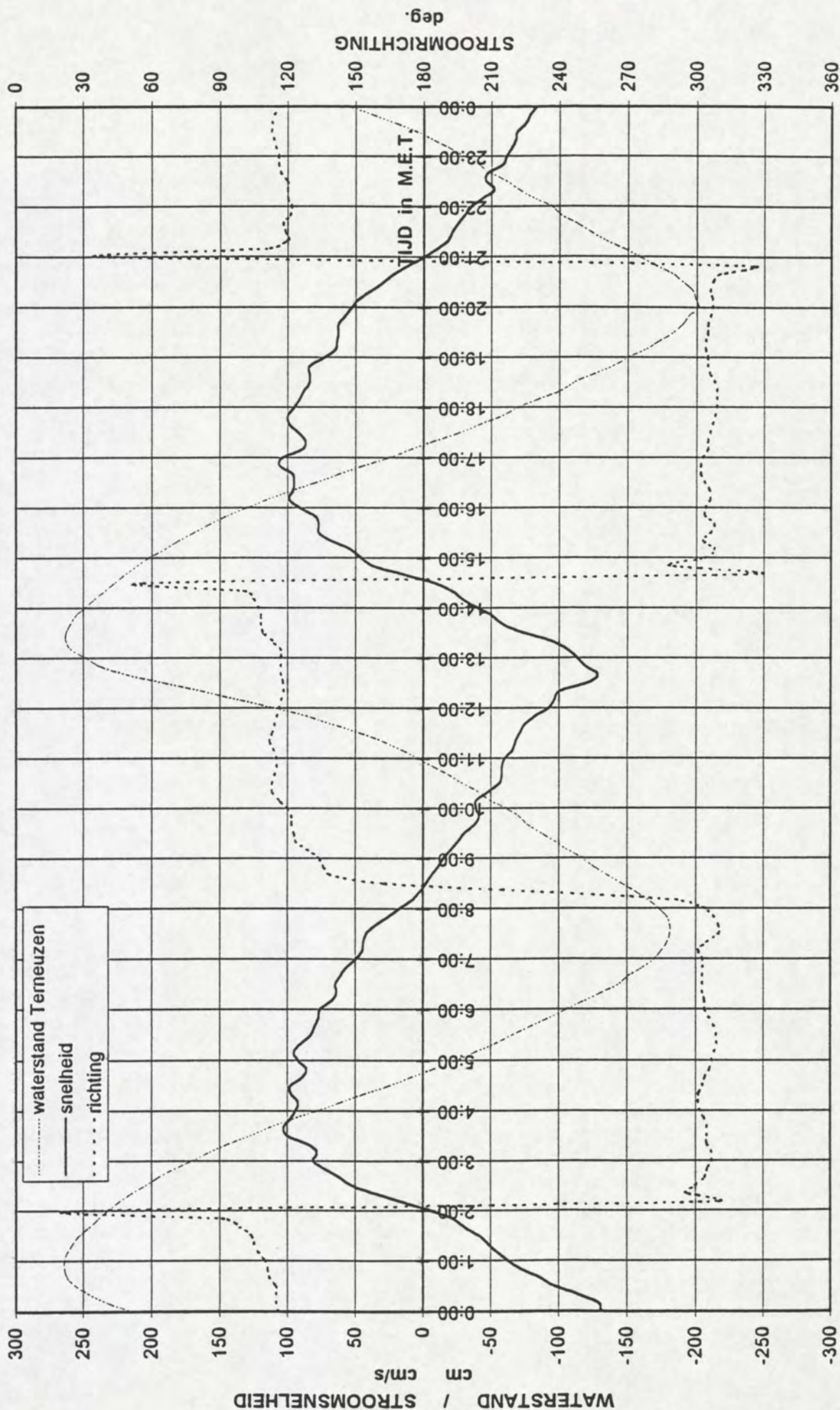
Debietraai 7 meetpunt OSM 1

9 augustus 1999

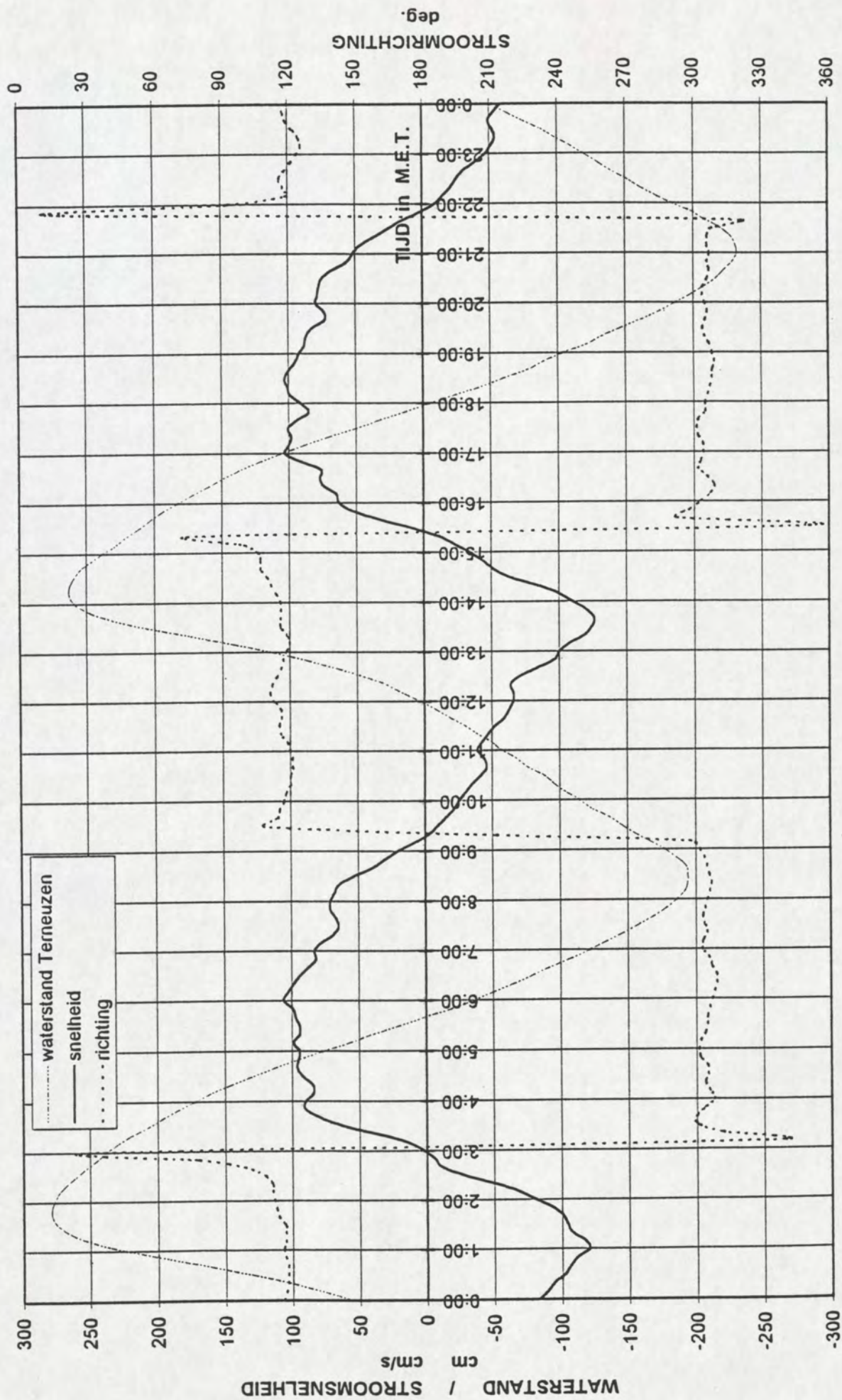


Debietraai 7 meetpunt OSM 1

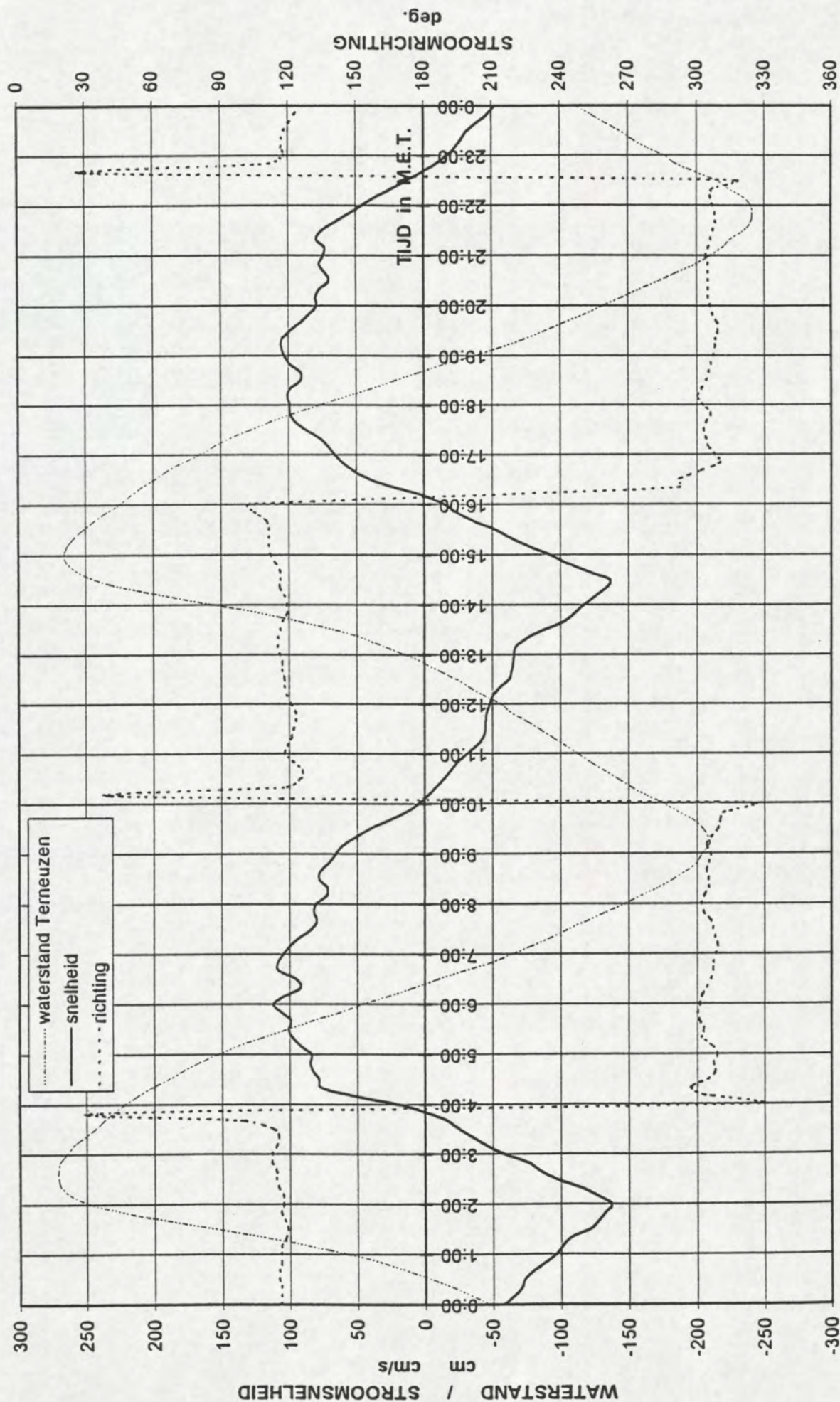
10 augustus 1999



Debietraai 7 meetpunt OSM 1
11 augustus 1999

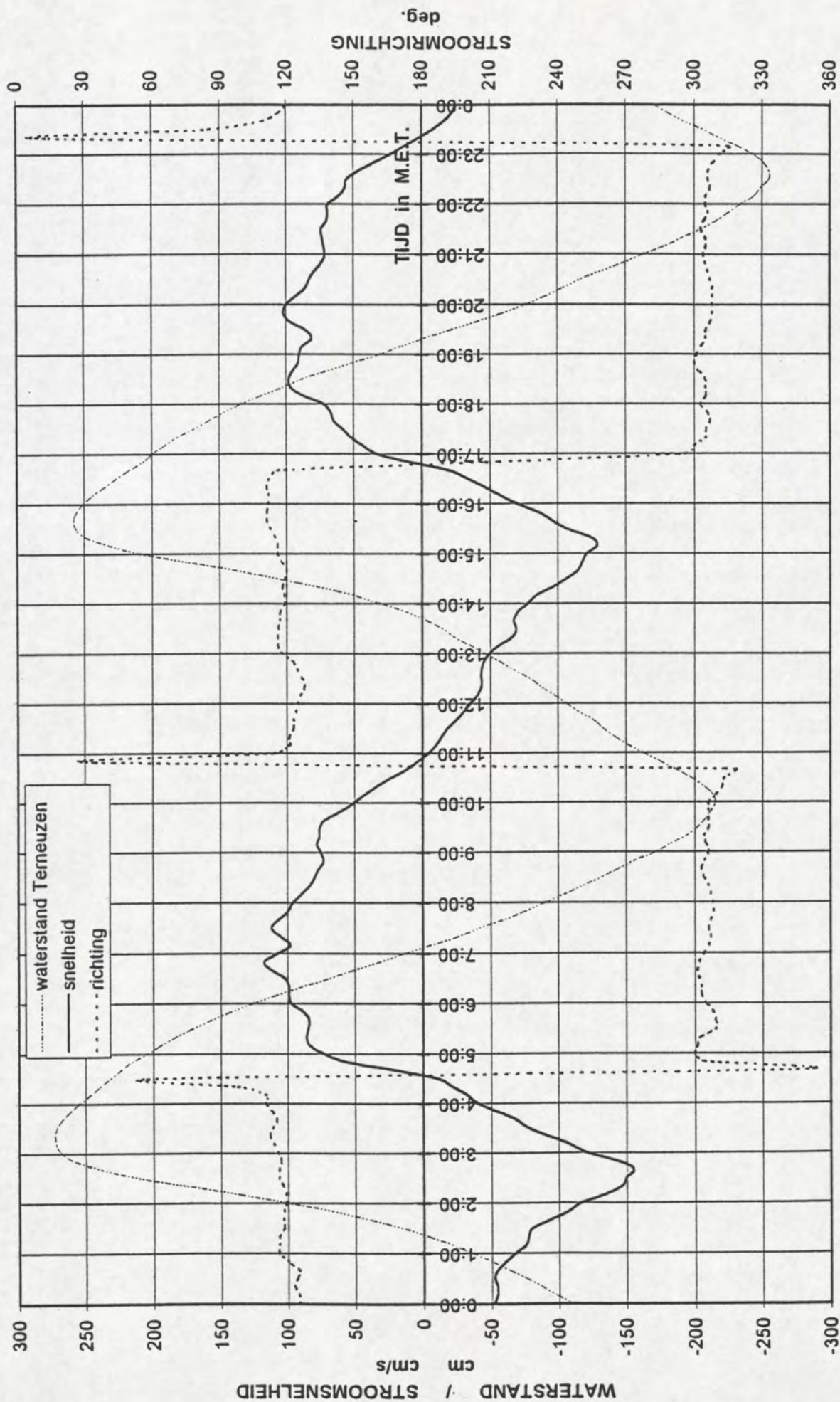


Debietraai 7 meetpunt OSM 1
12 augustus 1999



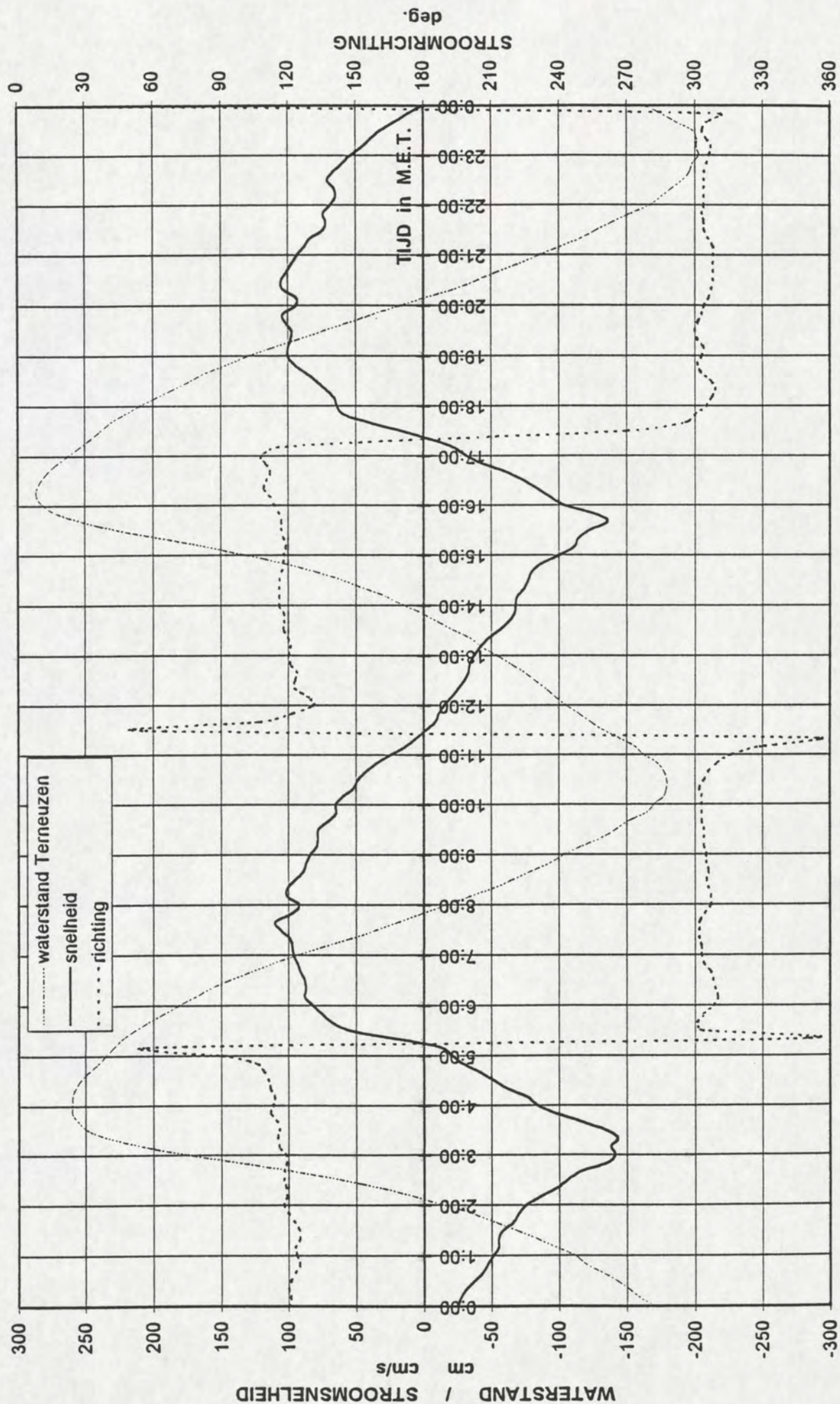
Debietraai 7 meetpunt OSM 1

13 augustus 1999

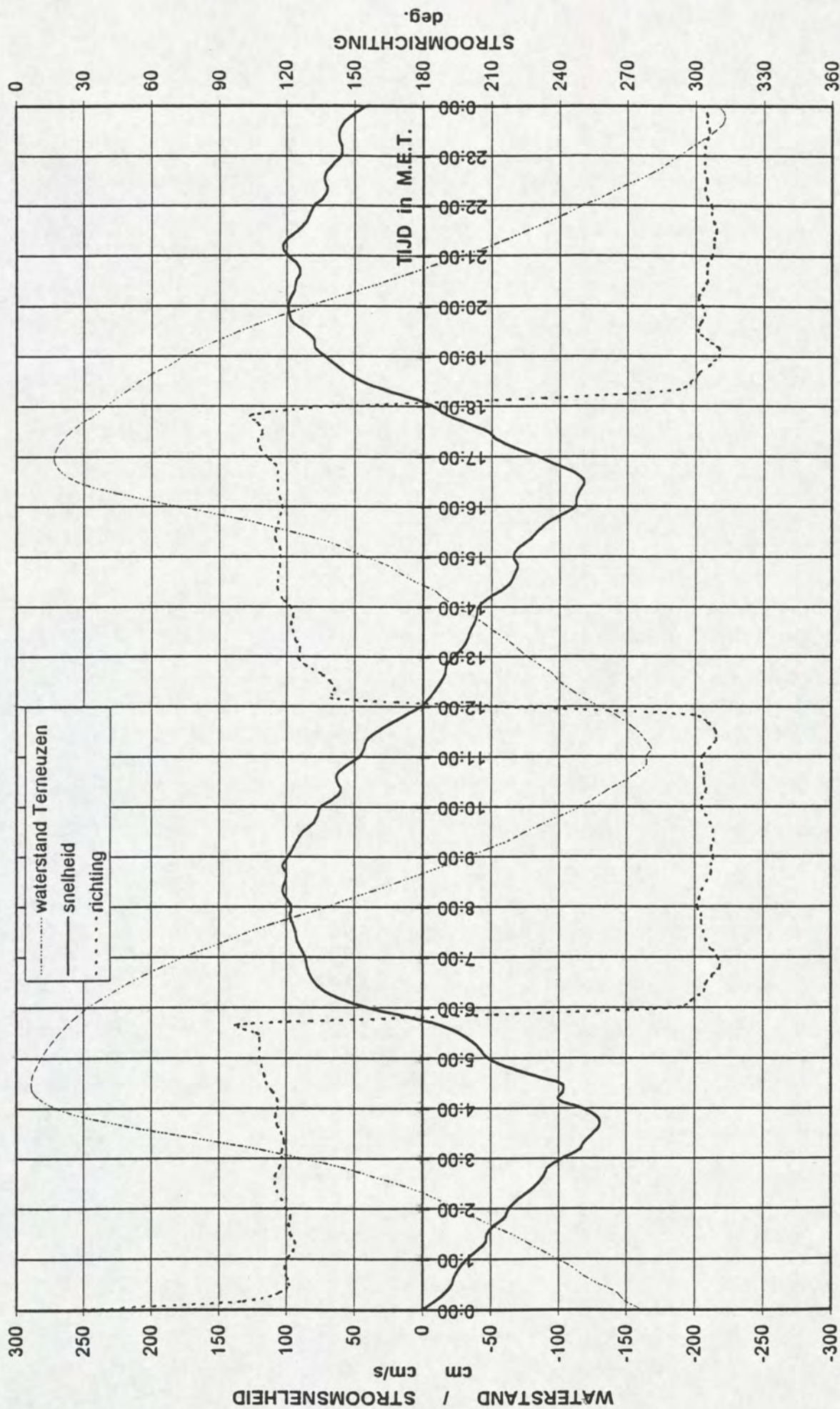


Debietraai 7 meetpunt OSM 1

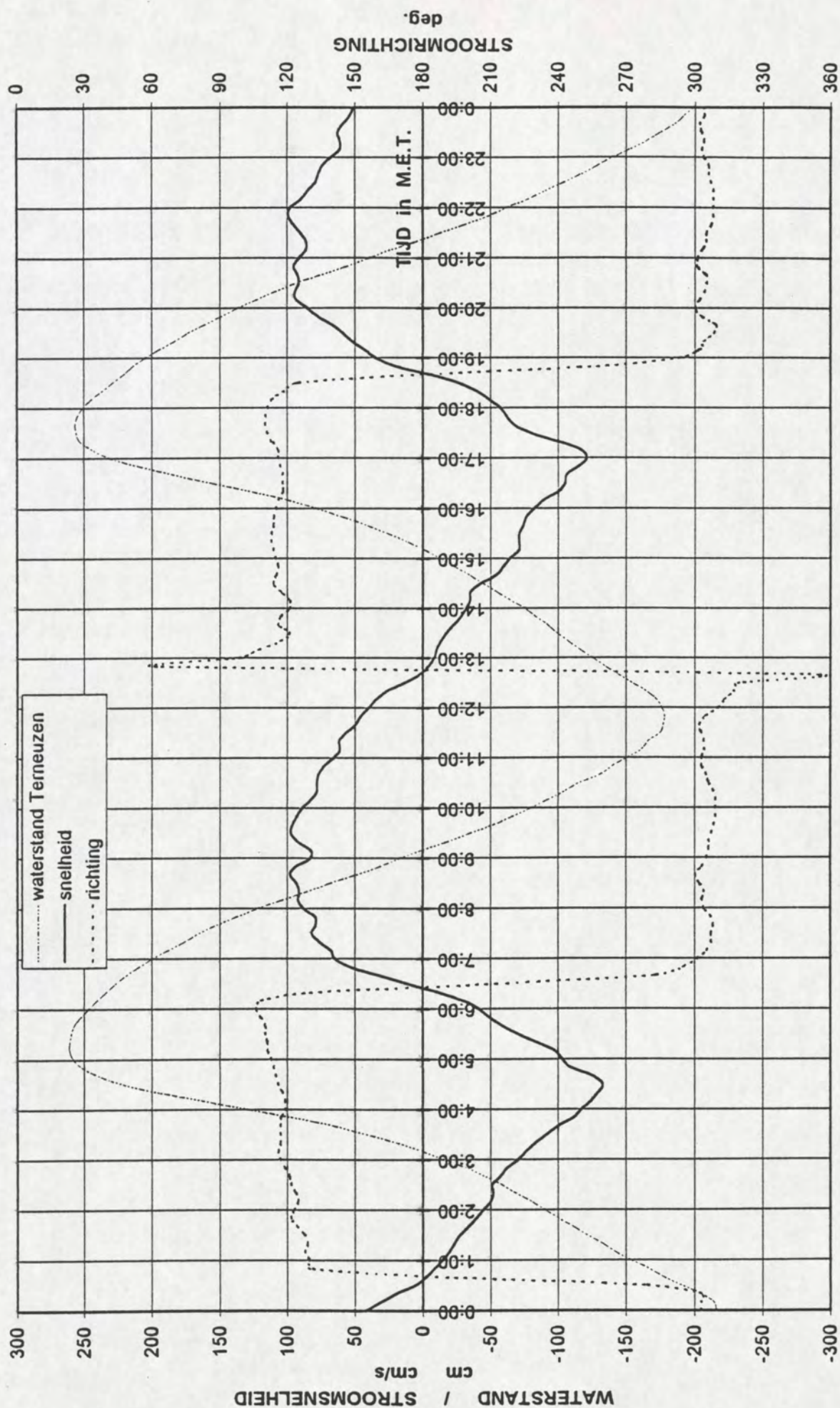
14 augustus 1999



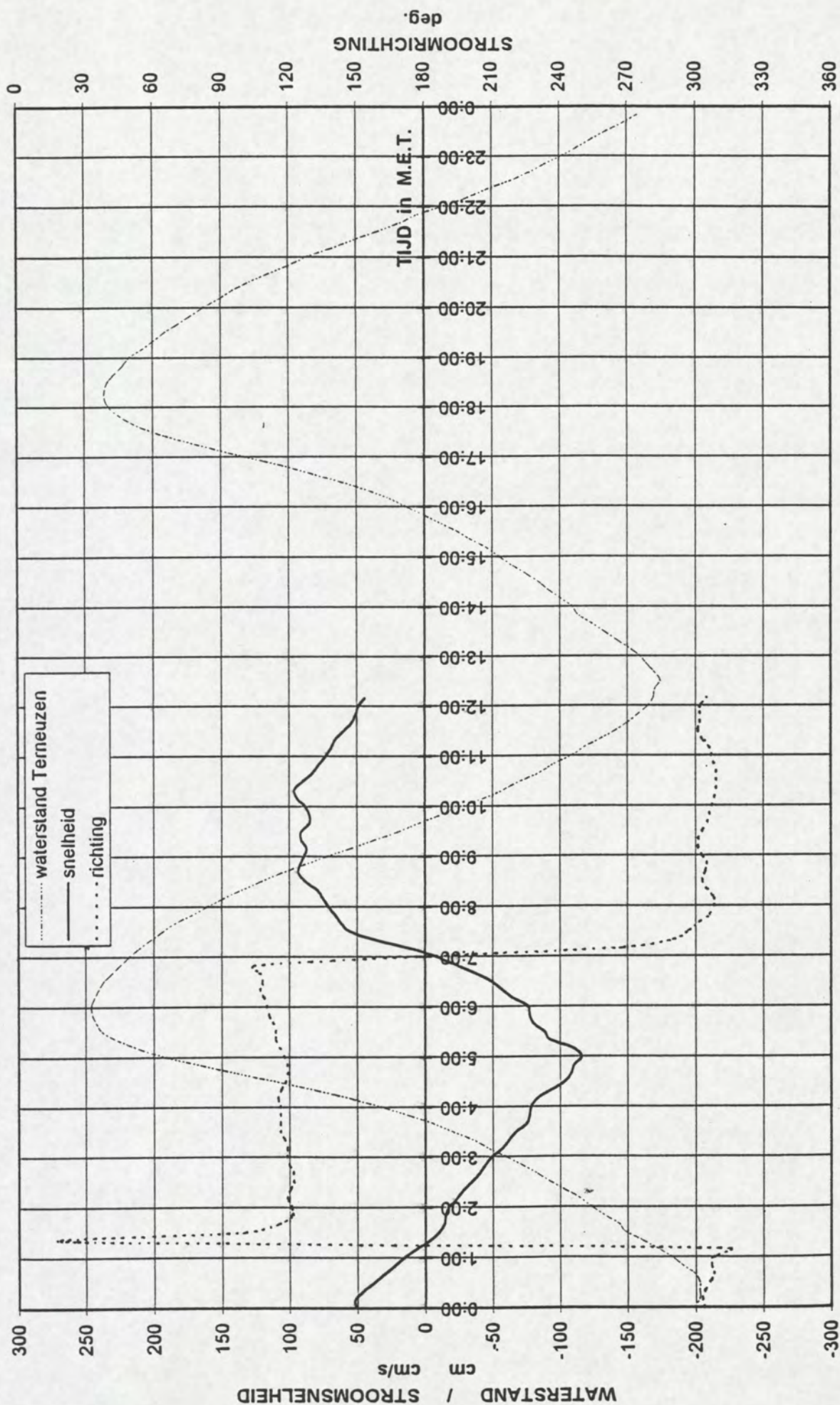
Debietraai 7 meetpunt OSM 1
15 augustus 1999



Debietraai 7 meetpunt OSM 1
16 augustus 1999



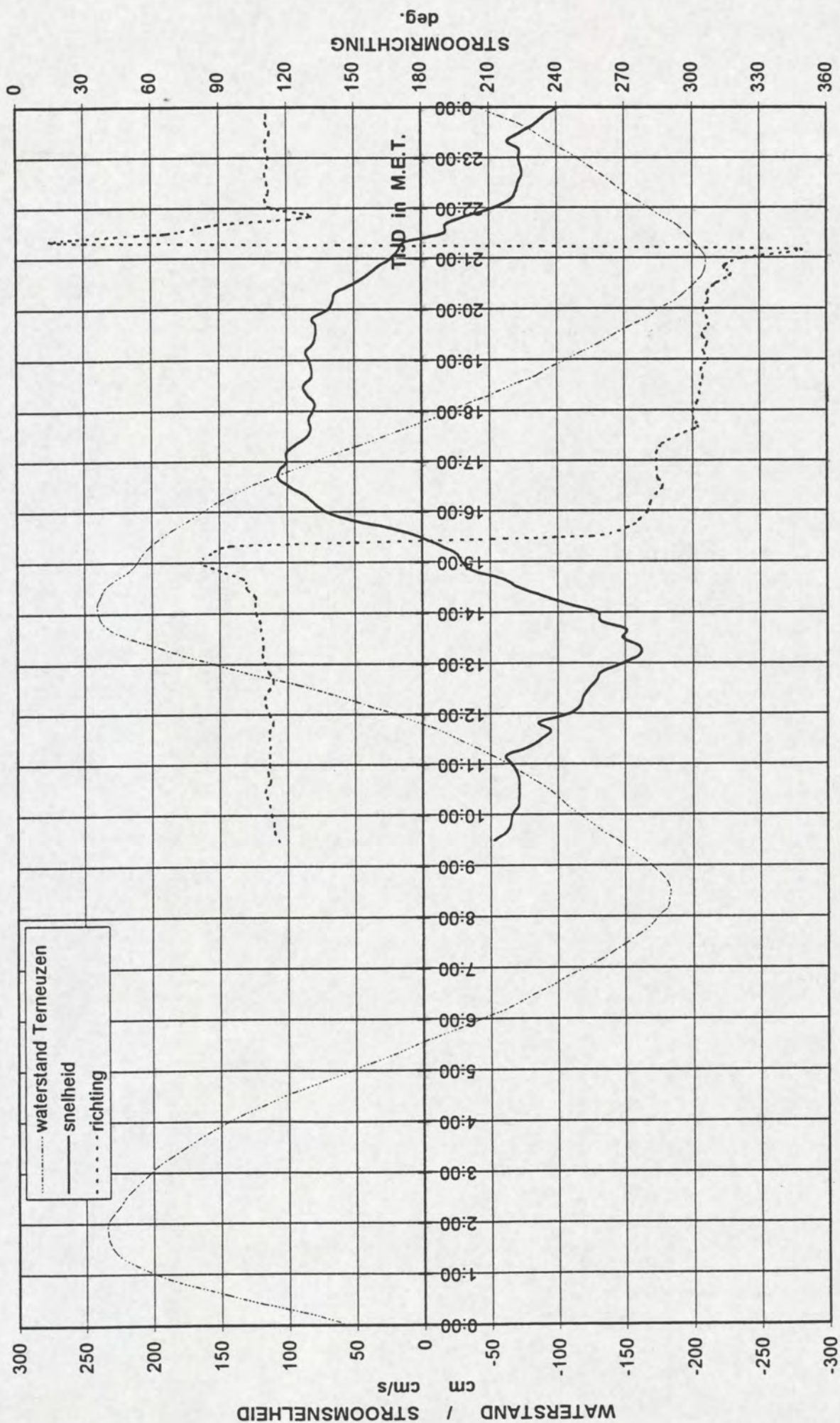
Debietraai 7 meetpunt OSM 1
17 augustus 1999



18. Resultaten OSM 2

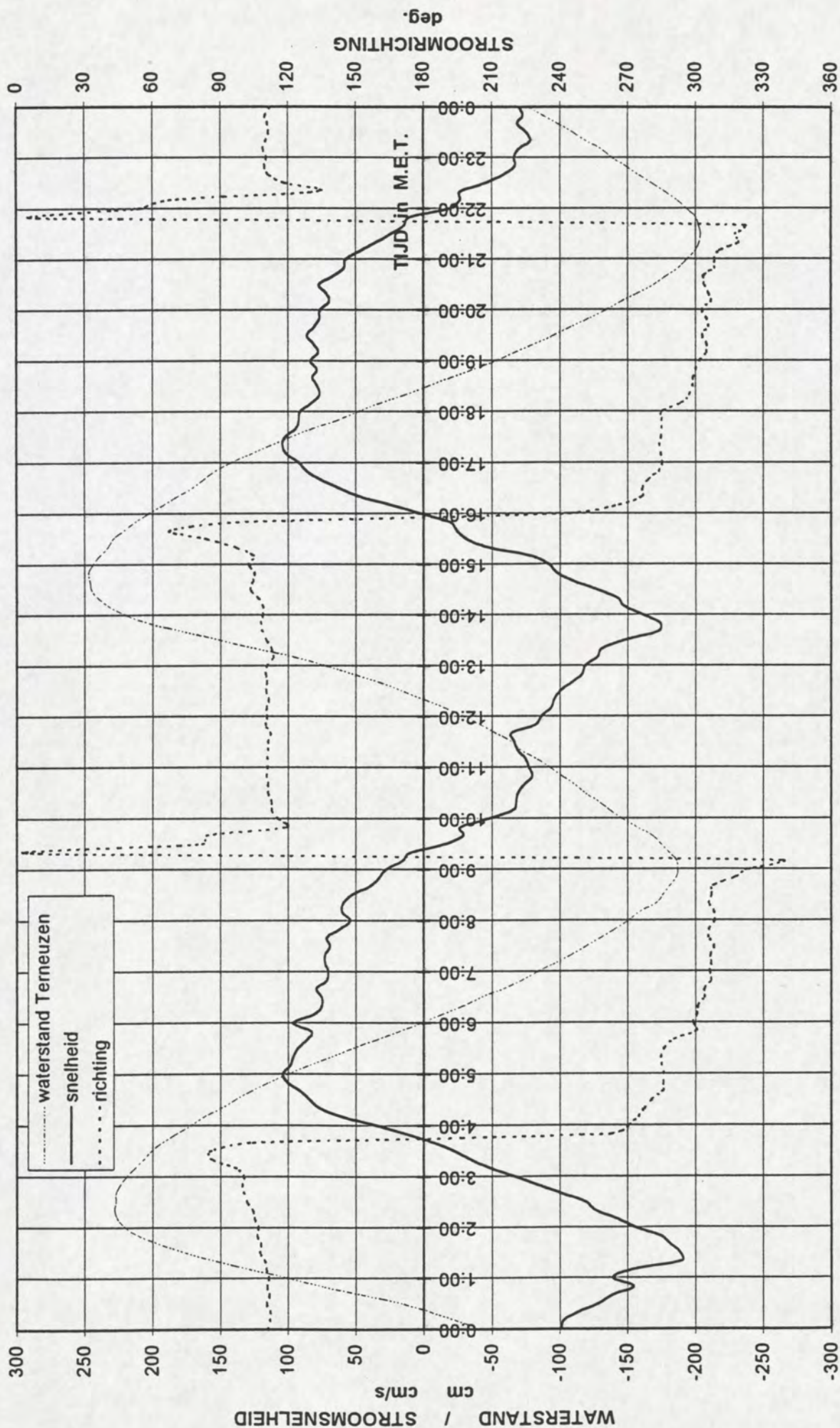
Debietraai 7 meetpunt OSM 2

28 juni 1999



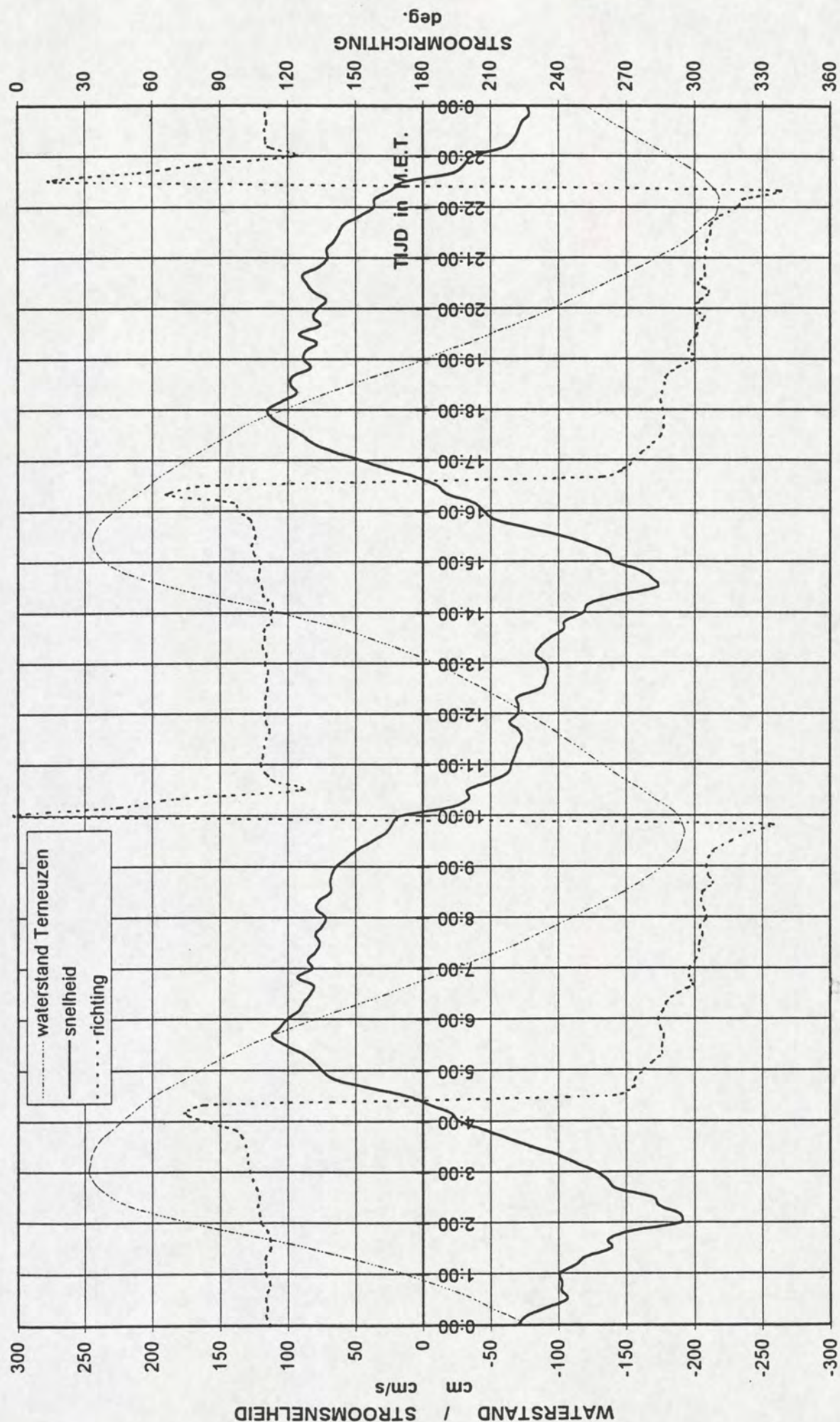
Debietraai 7 meetpunt OSM 2

29 juni 1999



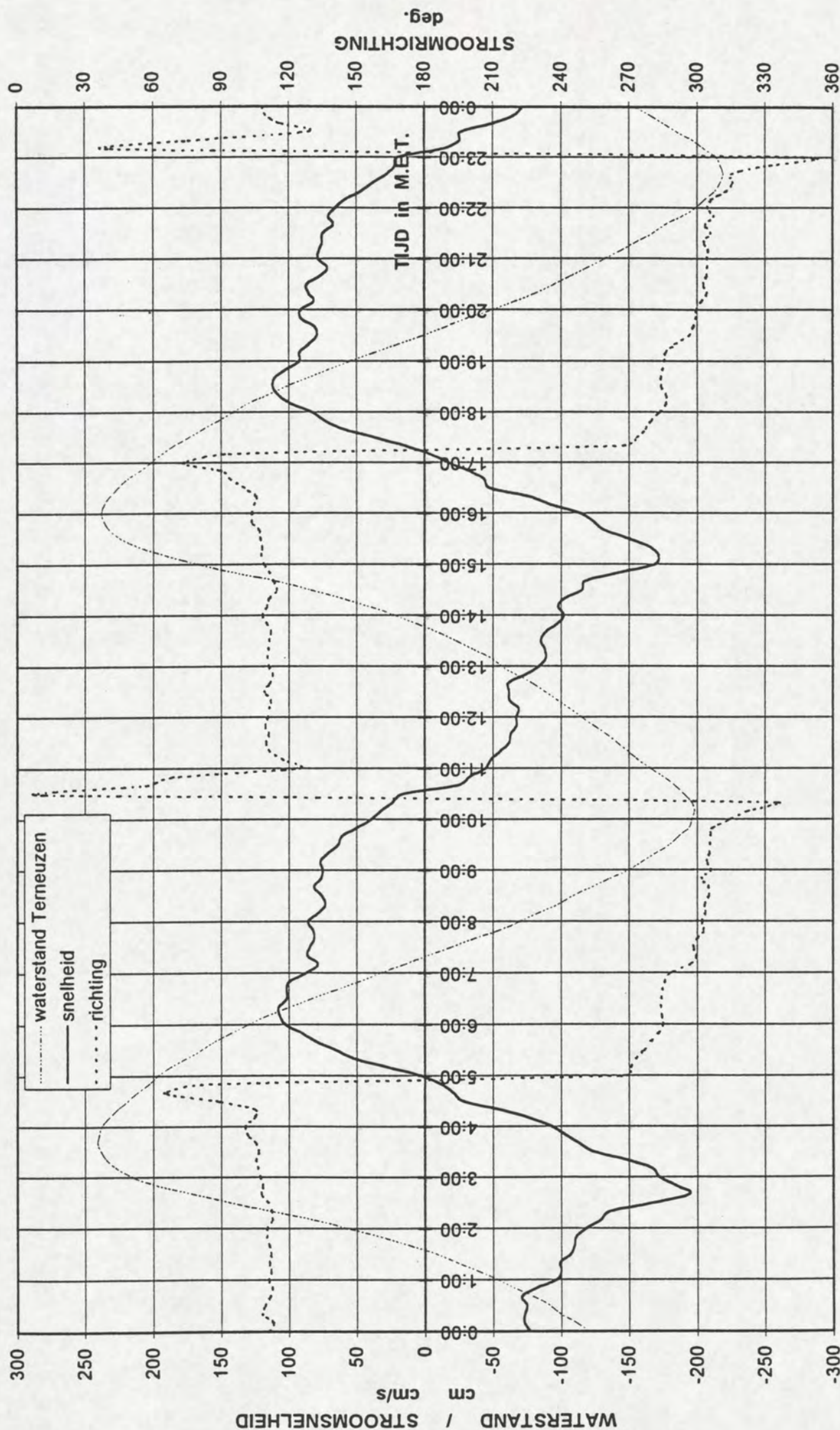
Debietraai 7 meetpunt OSM 2

30 juni 1999



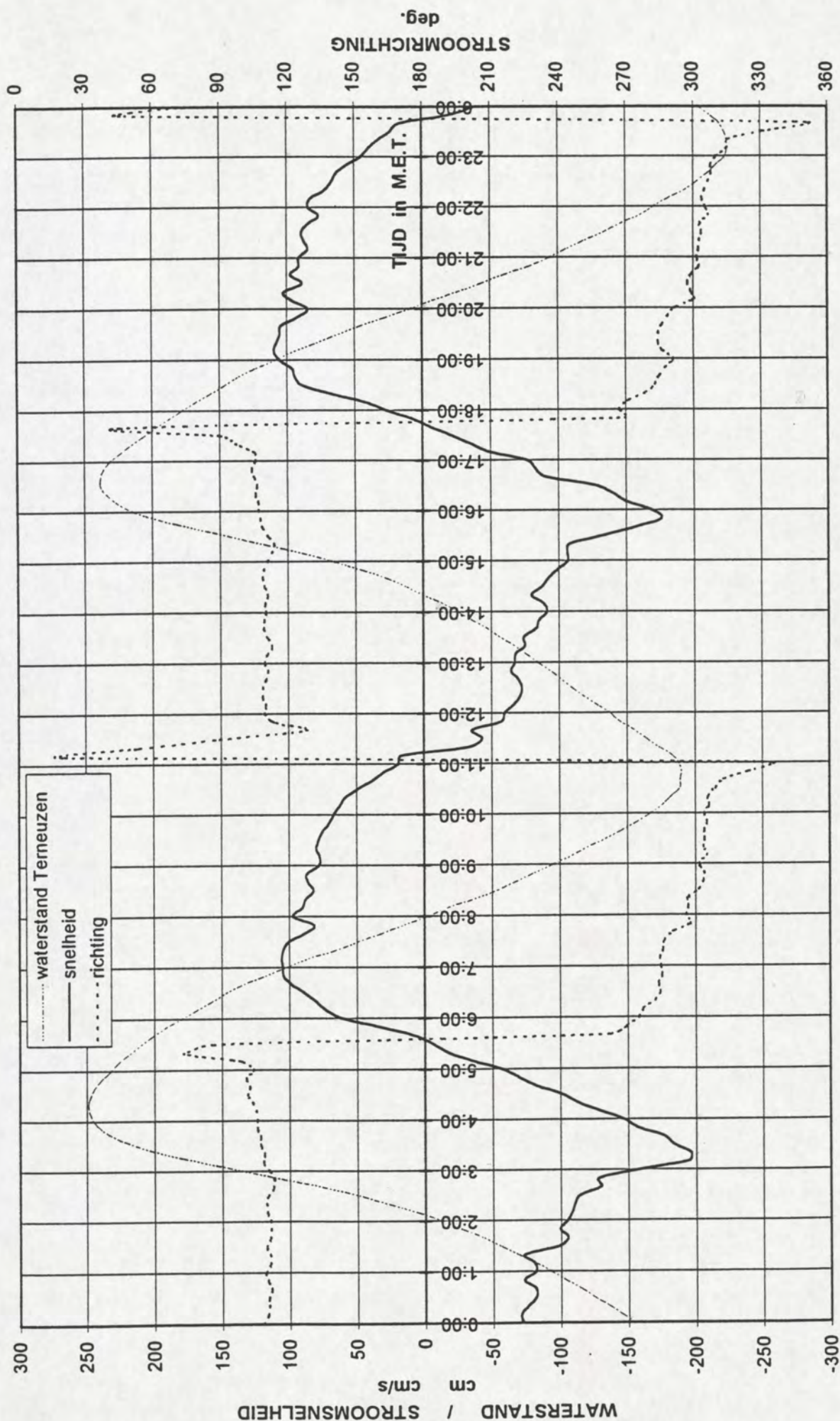
Debietraai 7 meetpunt OSM 2

1 juli 1999



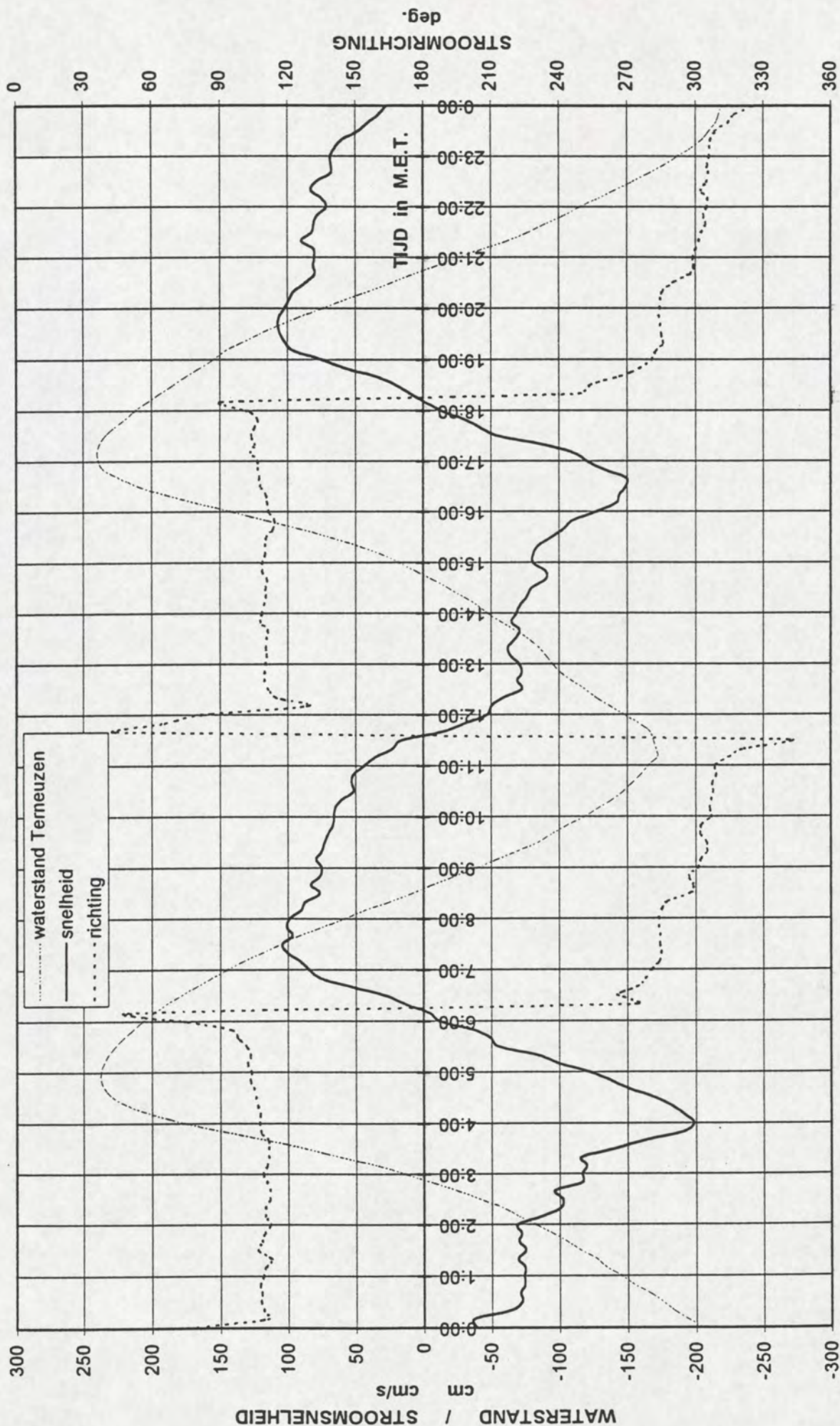
Debietraai 7 meetpunt OSM 2

2 juli 1999



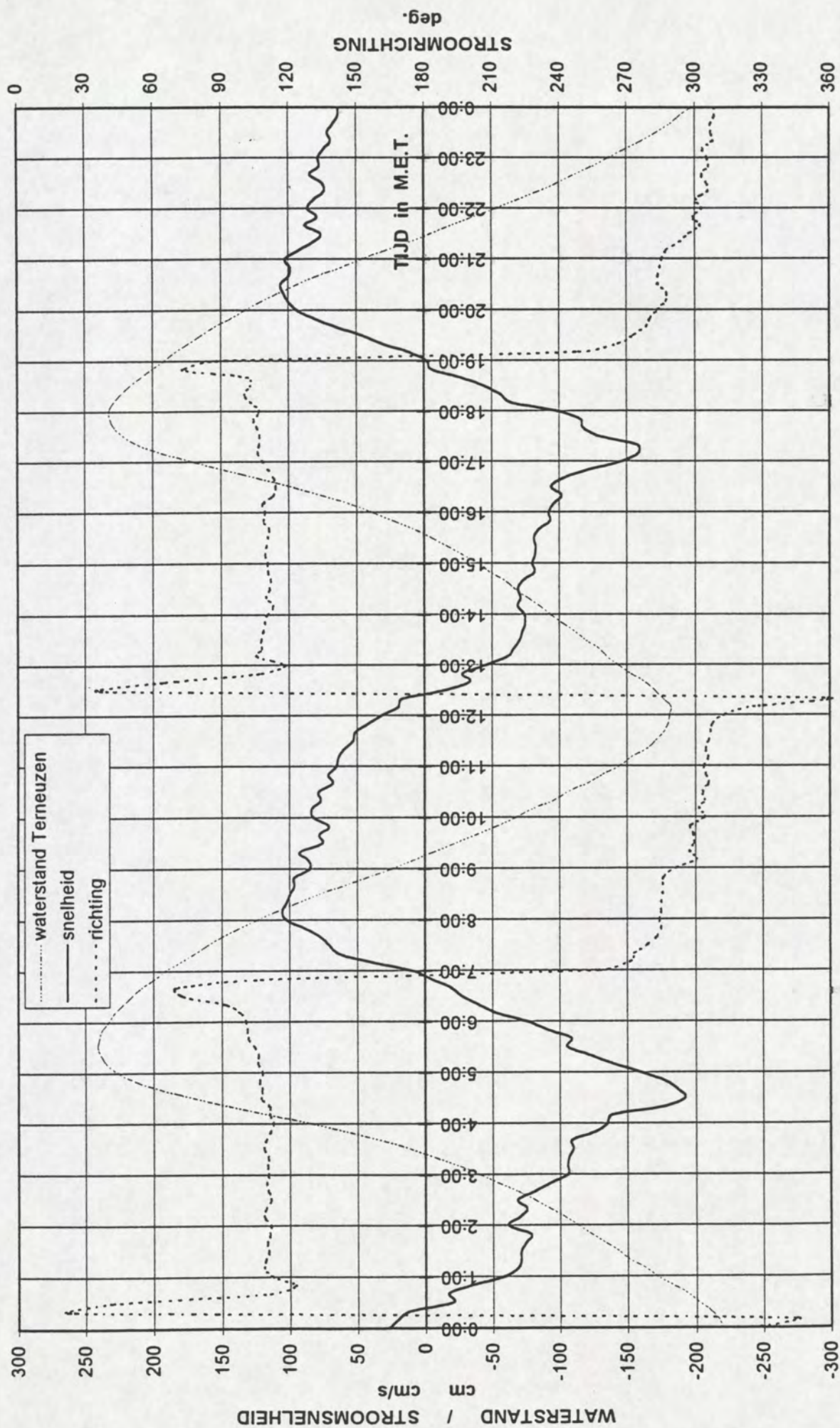
Debietraai 7 meetpunt OSM 2

3 juli 1999



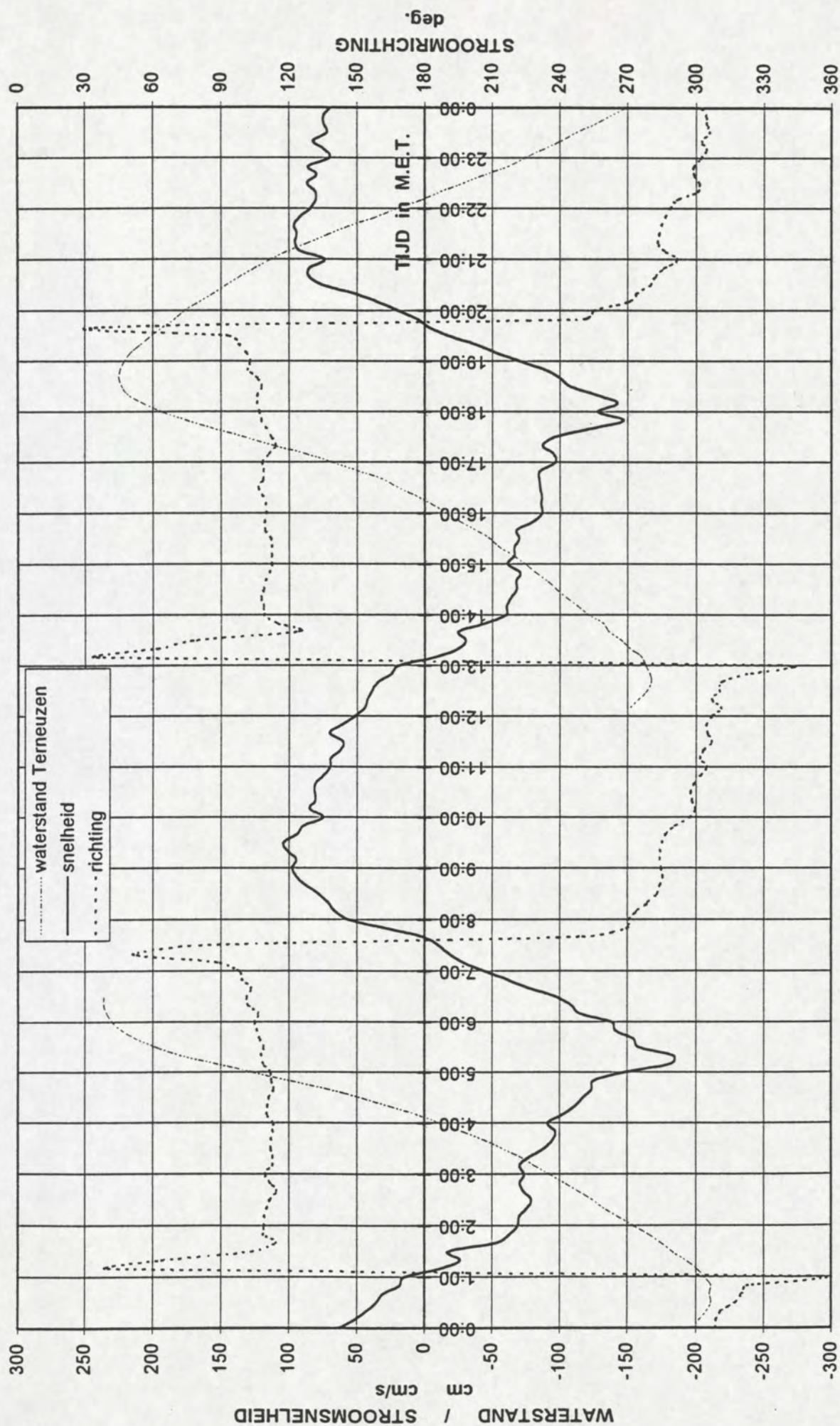
Debietraai 7 meetpunt OSM 2

4 juli 1999



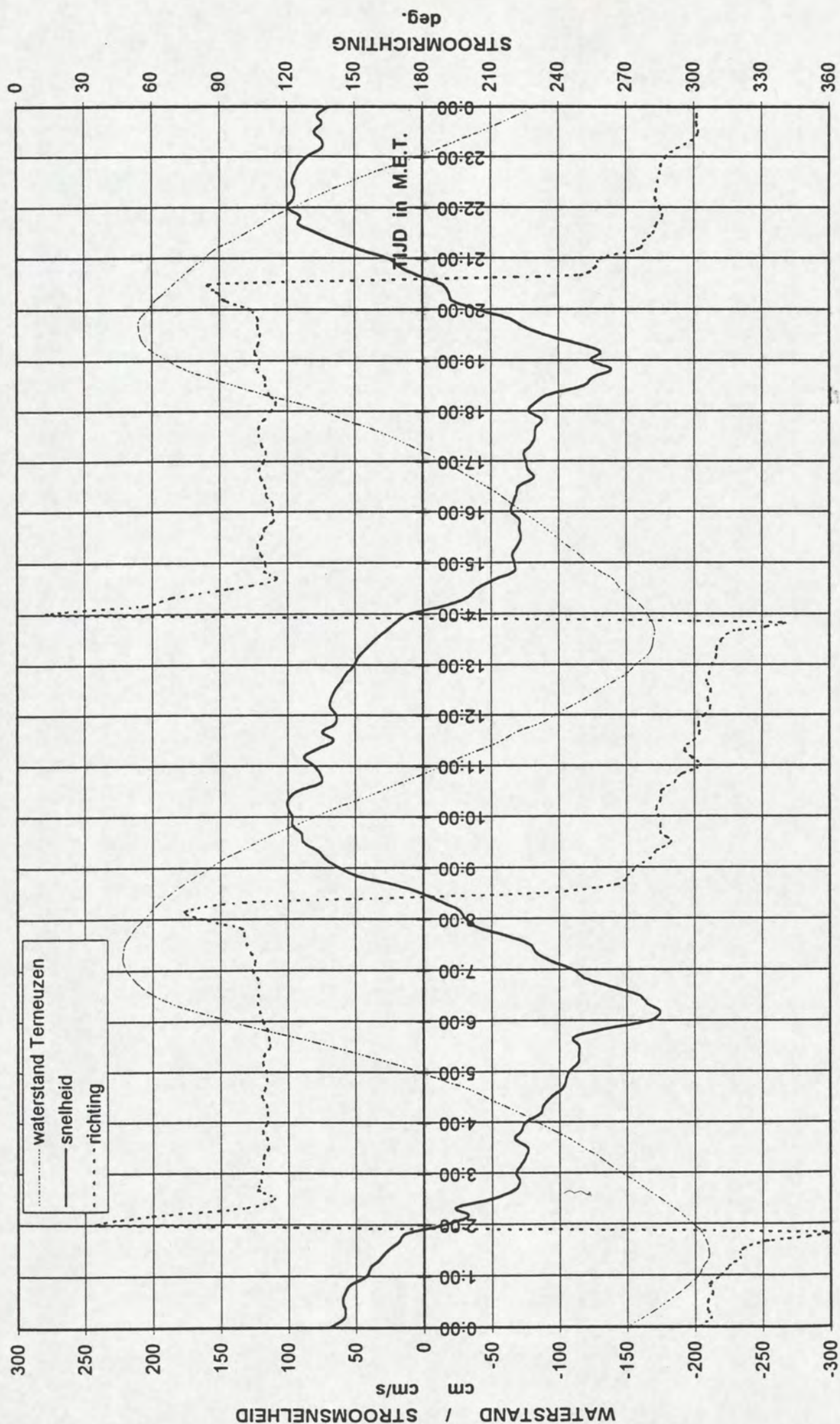
Debietraai 7 meetpunt OSM 2

5 juli 1999



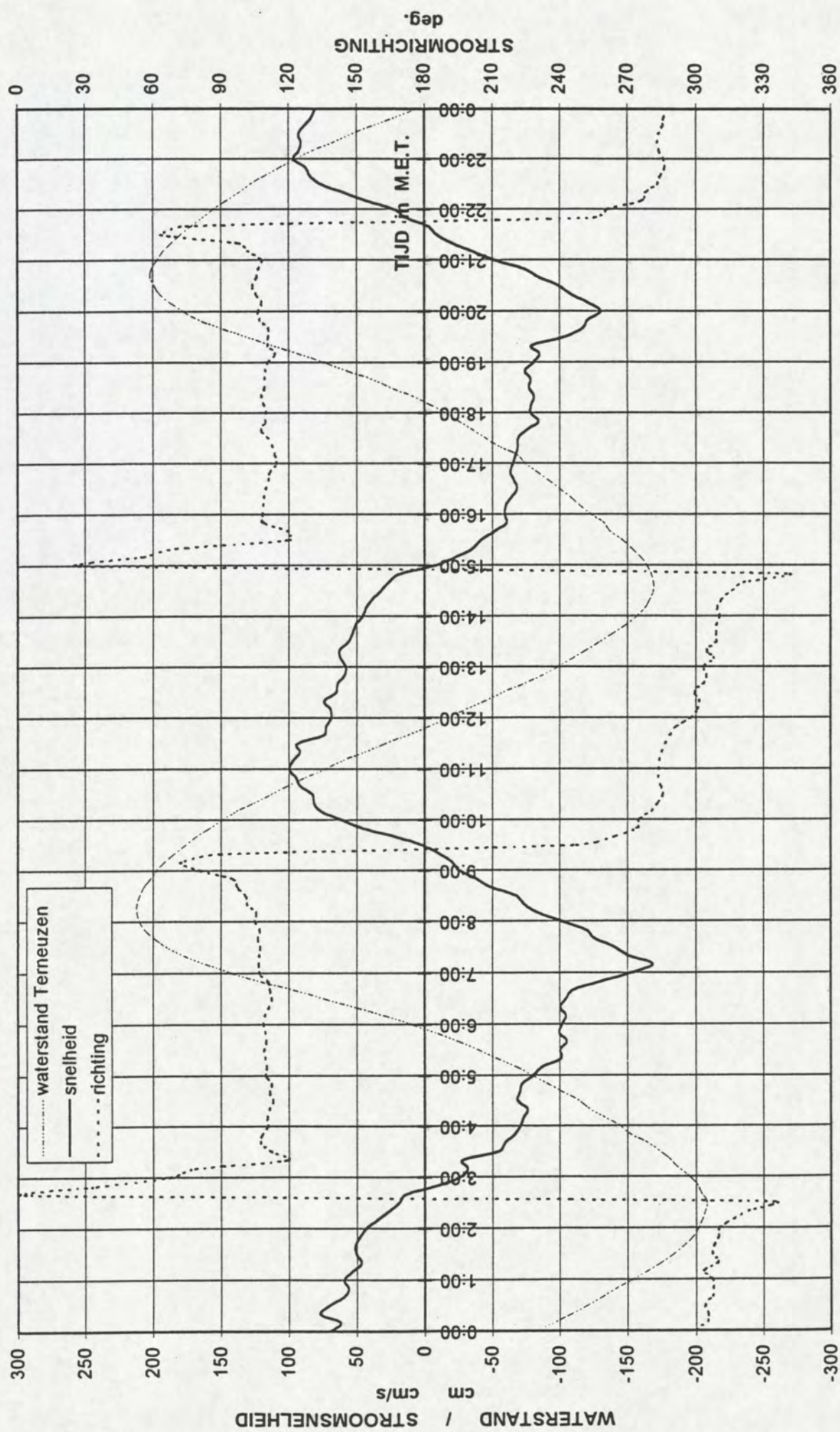
Debietraai 7 meetpunt OSM 2

6 juli 1999



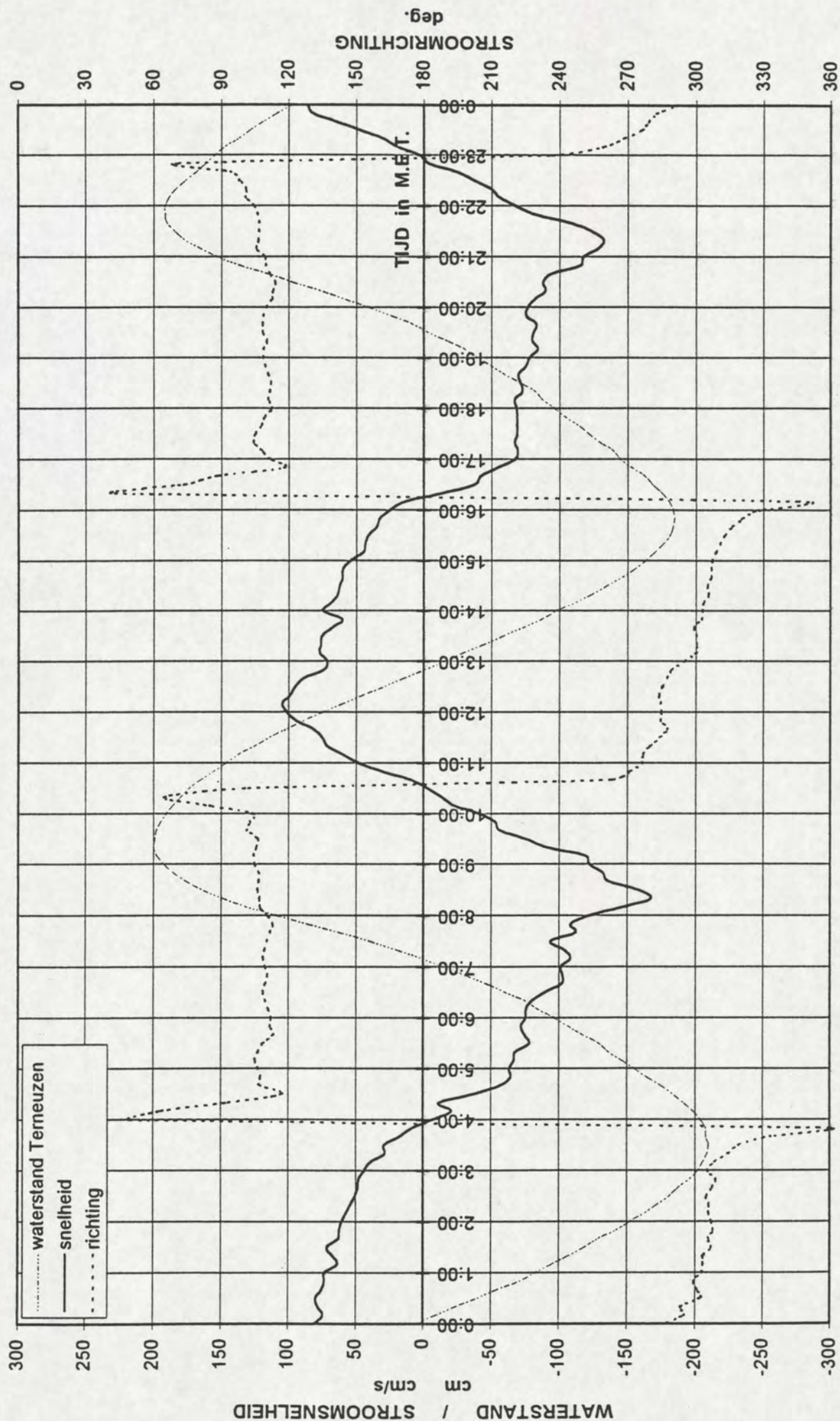
Debietraai 7 meetpunt OSM 2

7 juli 1999



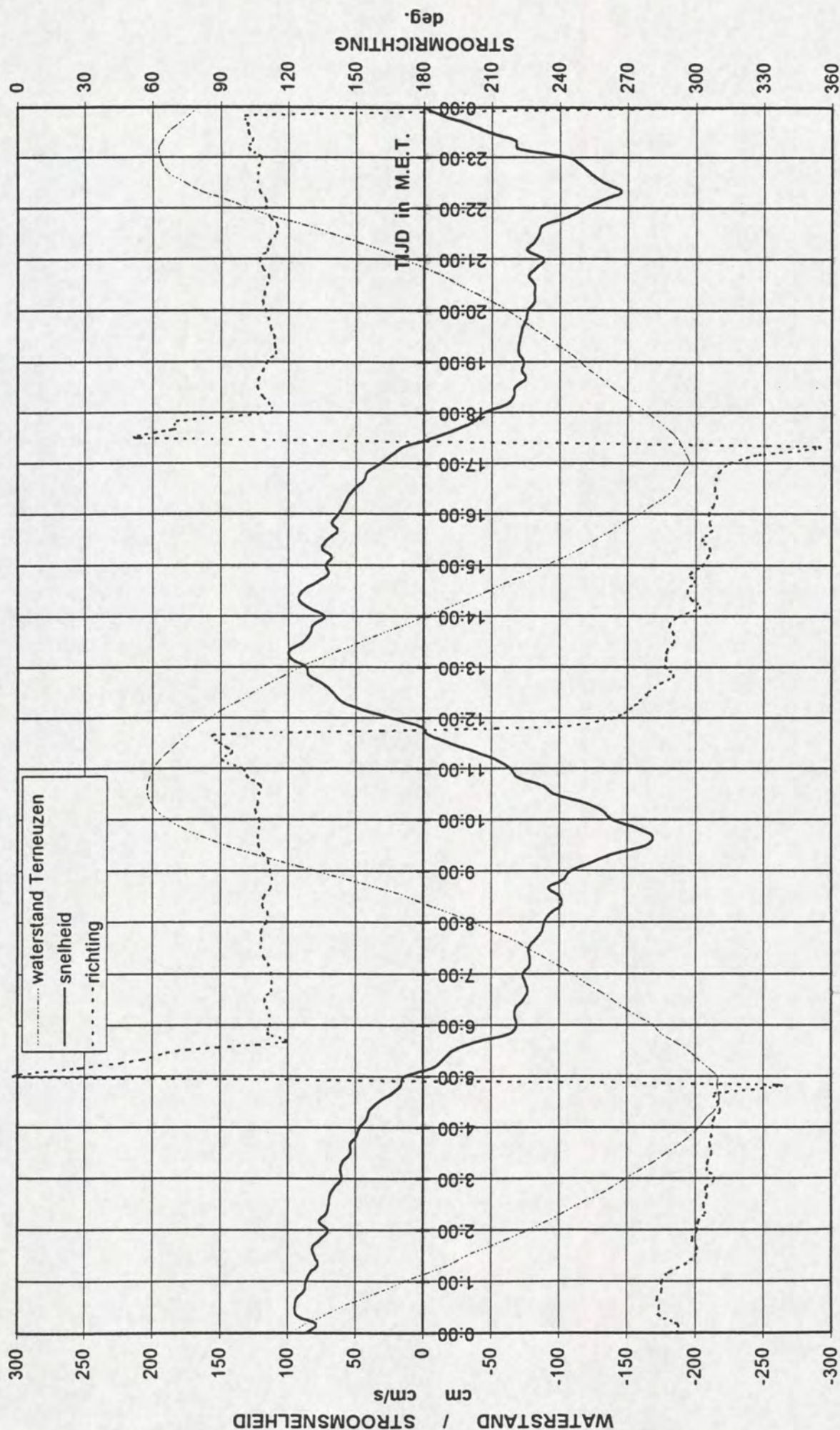
Debietraai 7 meetpunt OSM 2

8 juli 1999



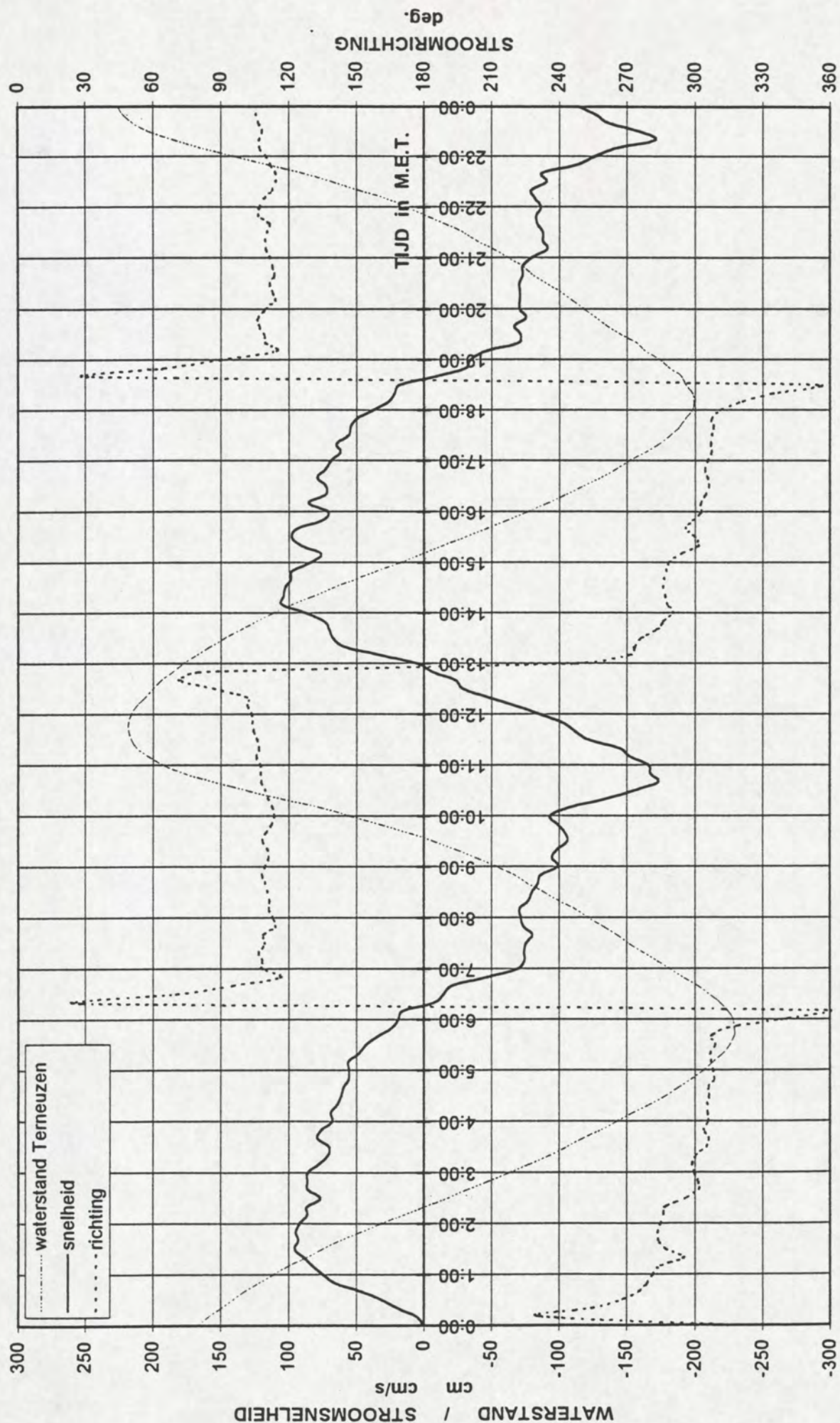
Debietraai 7 meetpunt OSM 2

9 juli 1999



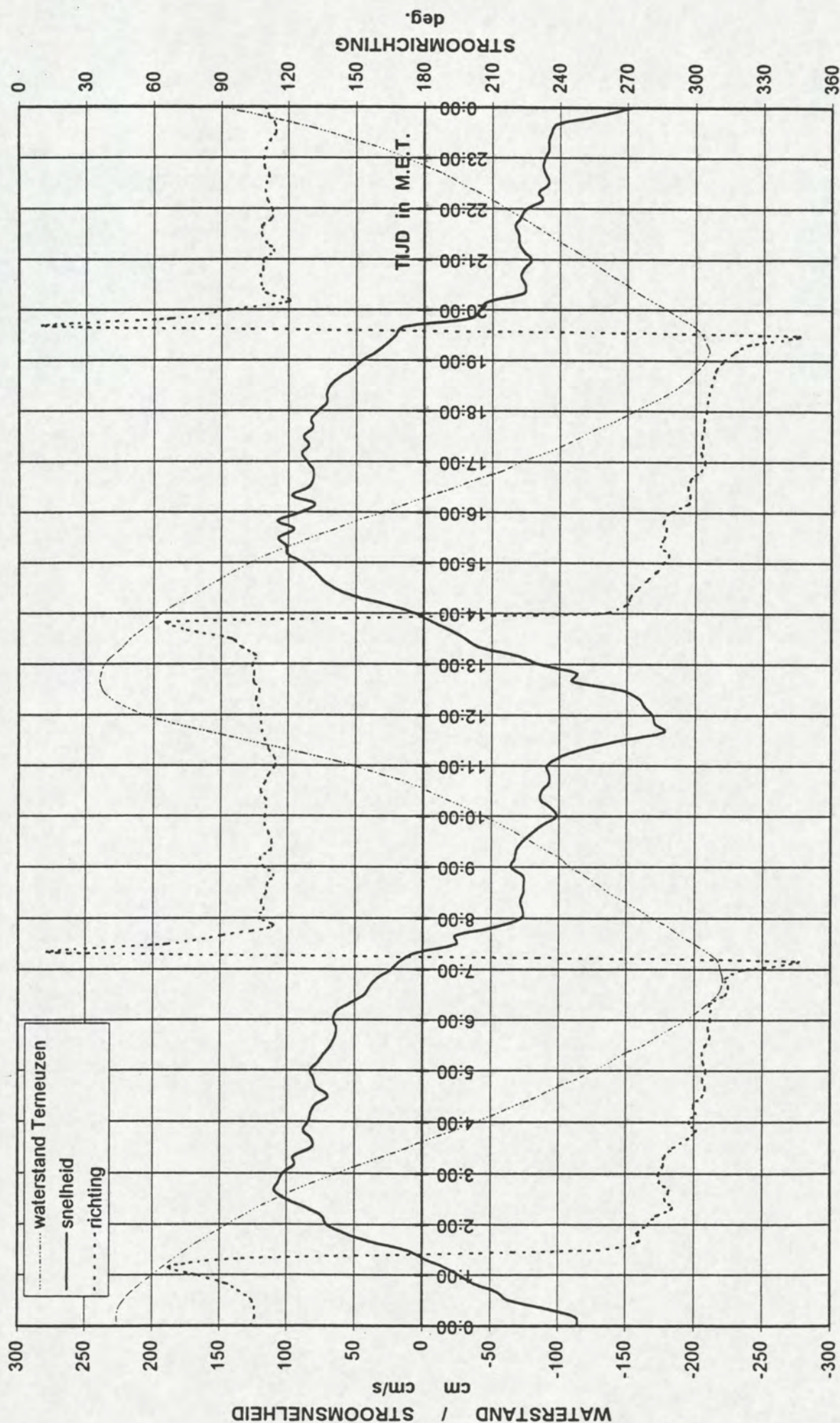
Debietraai 7 meetpunt OSM 2

10 juli 1999



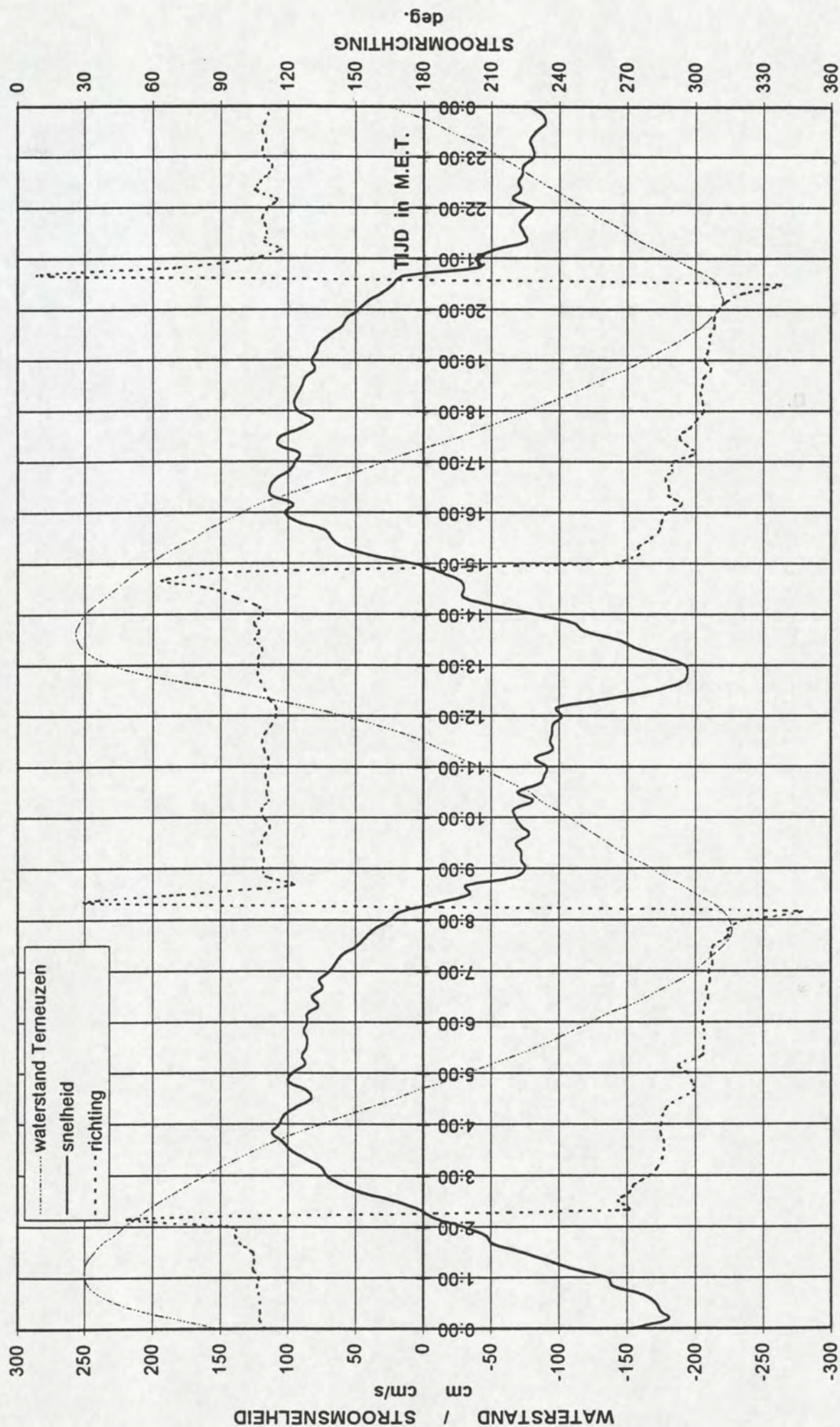
Debietraai 7 meetpunt OSM 2

11 juli 1999



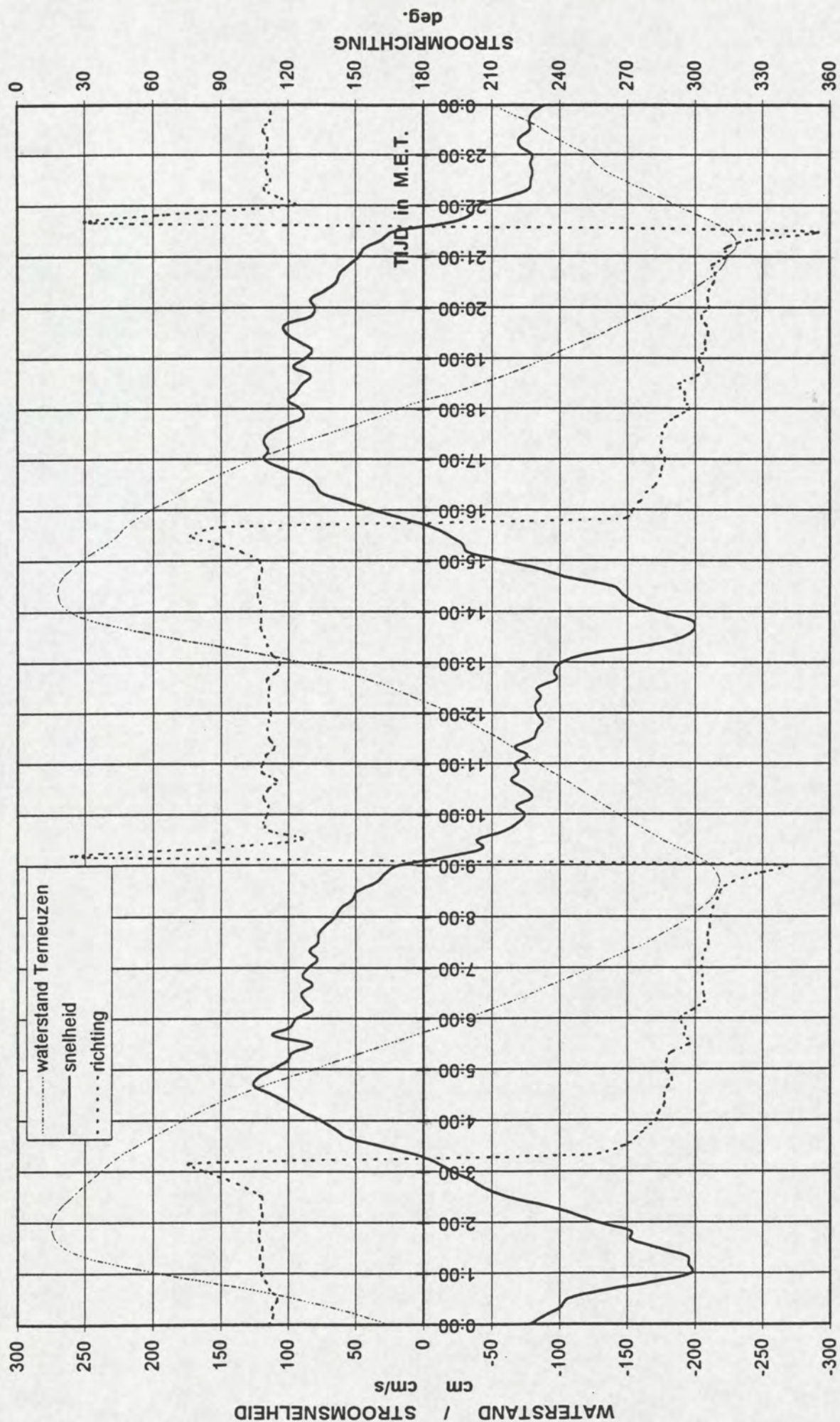
Debietraai 7 meetpunt OSM 2

12 juli 1999



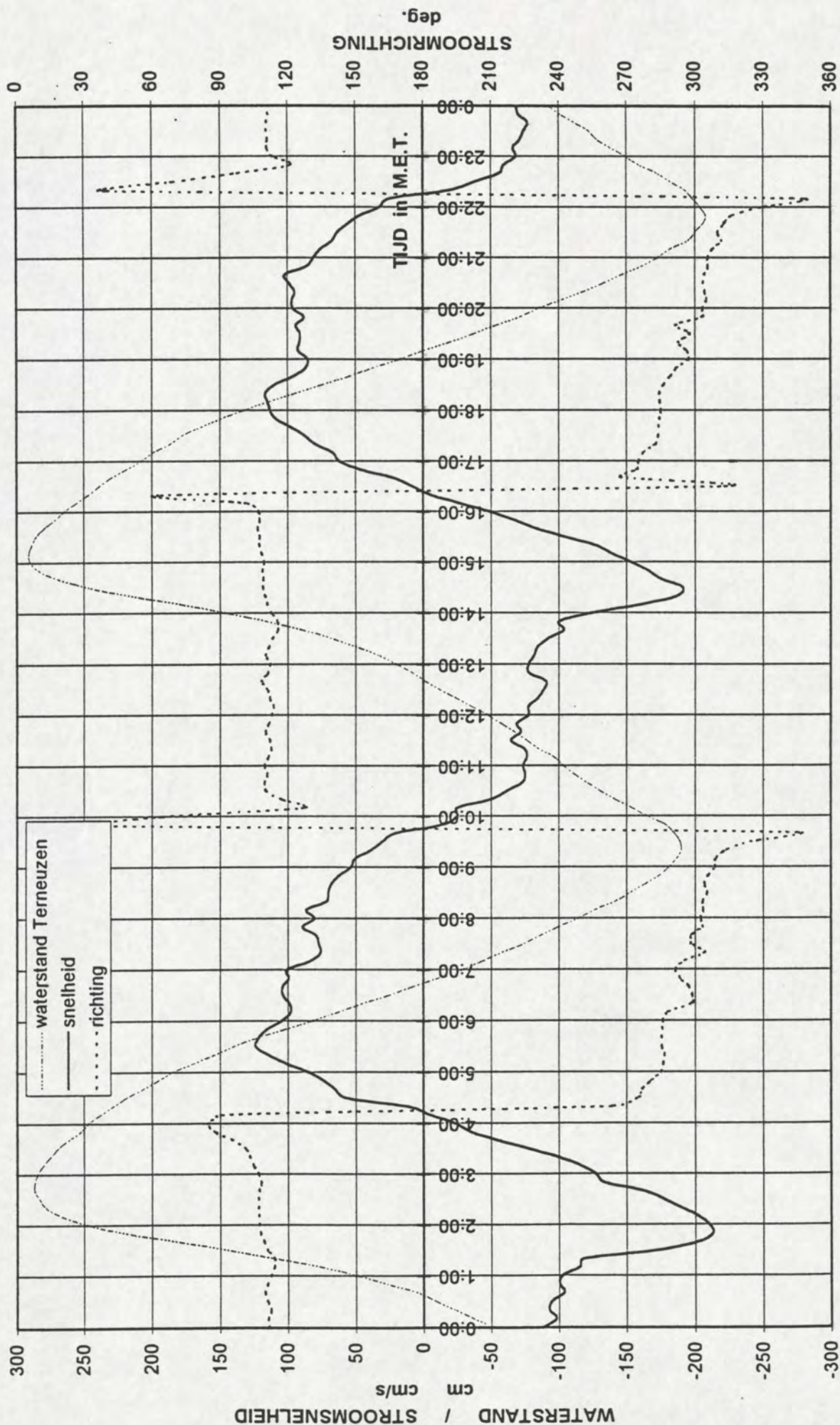
Debietraai 7 meetpunt OSM 2

13 juli 1999



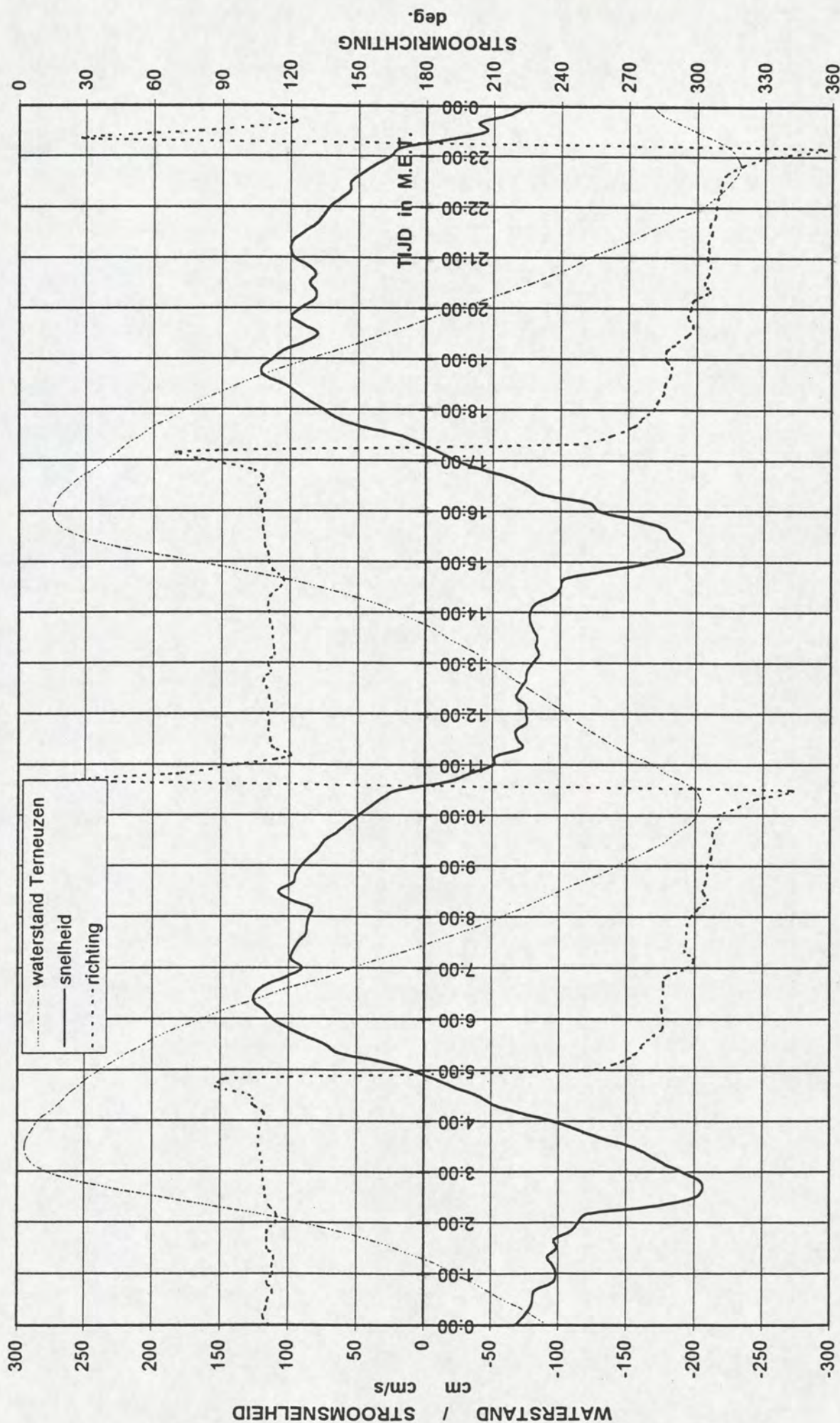
Debietraai 7 meetpunt OSM 2

14 juli 1999



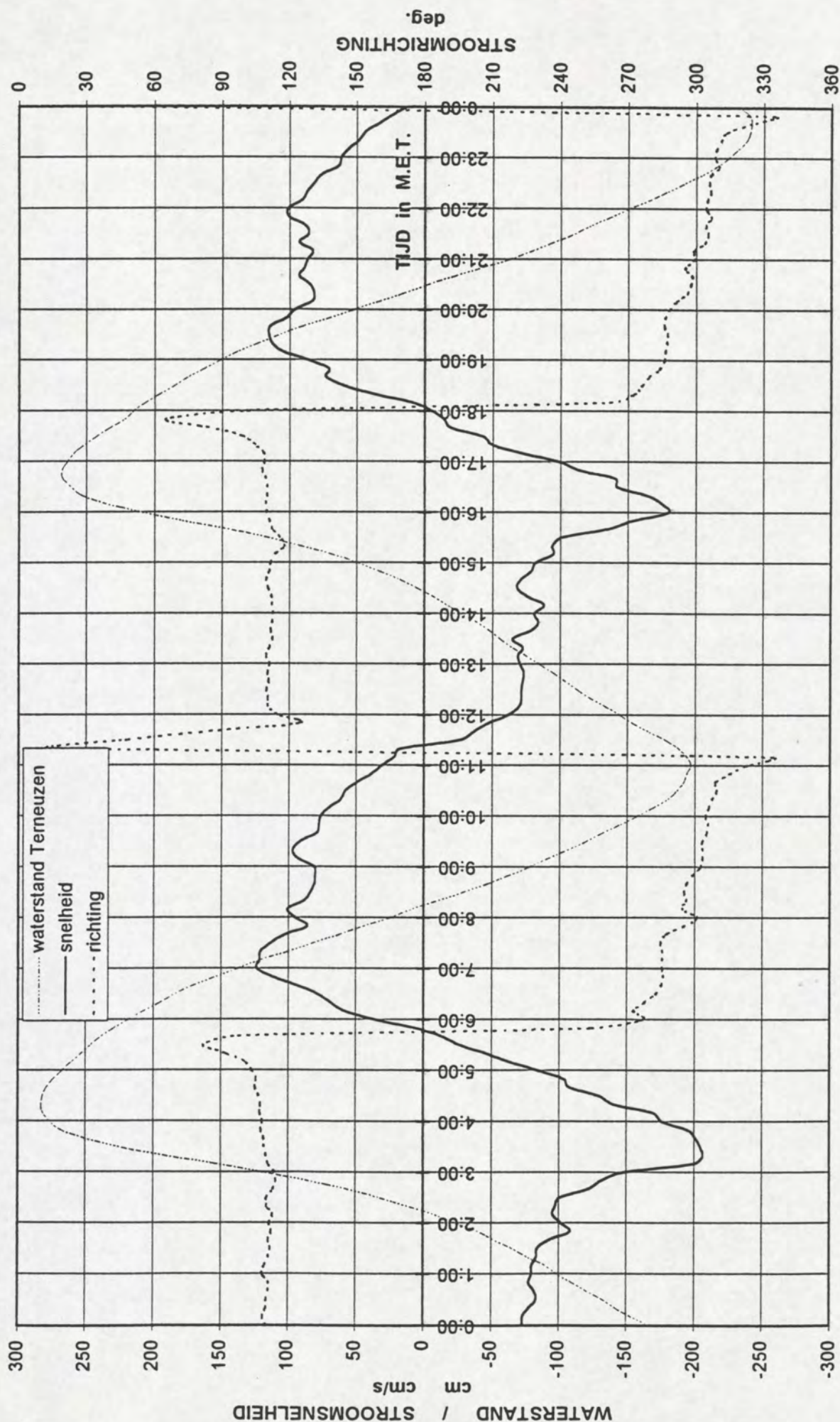
Debietraai 7 meetpunt OSM 2

15 juli 1999

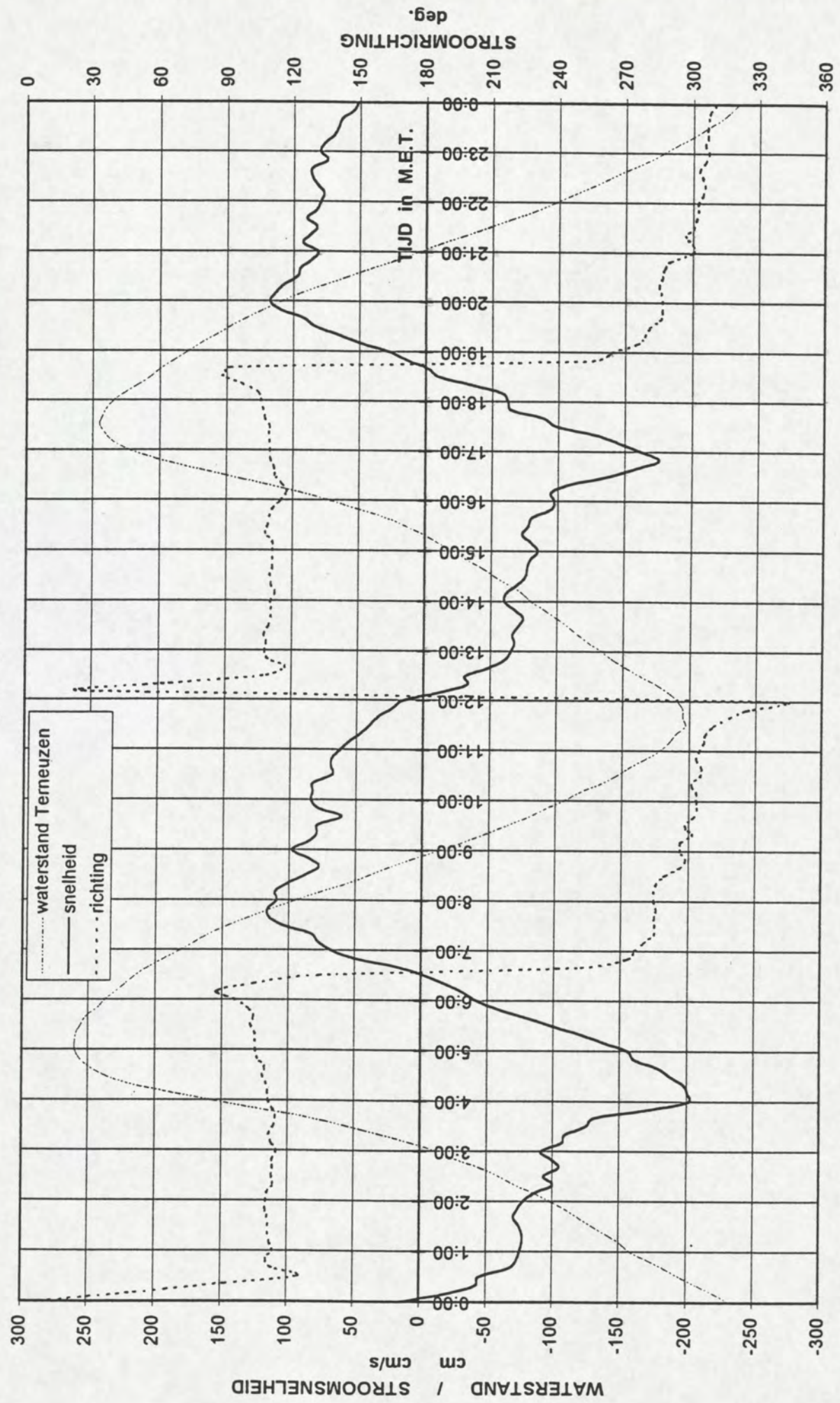


Debietraai 7 meetpunt OSM 2

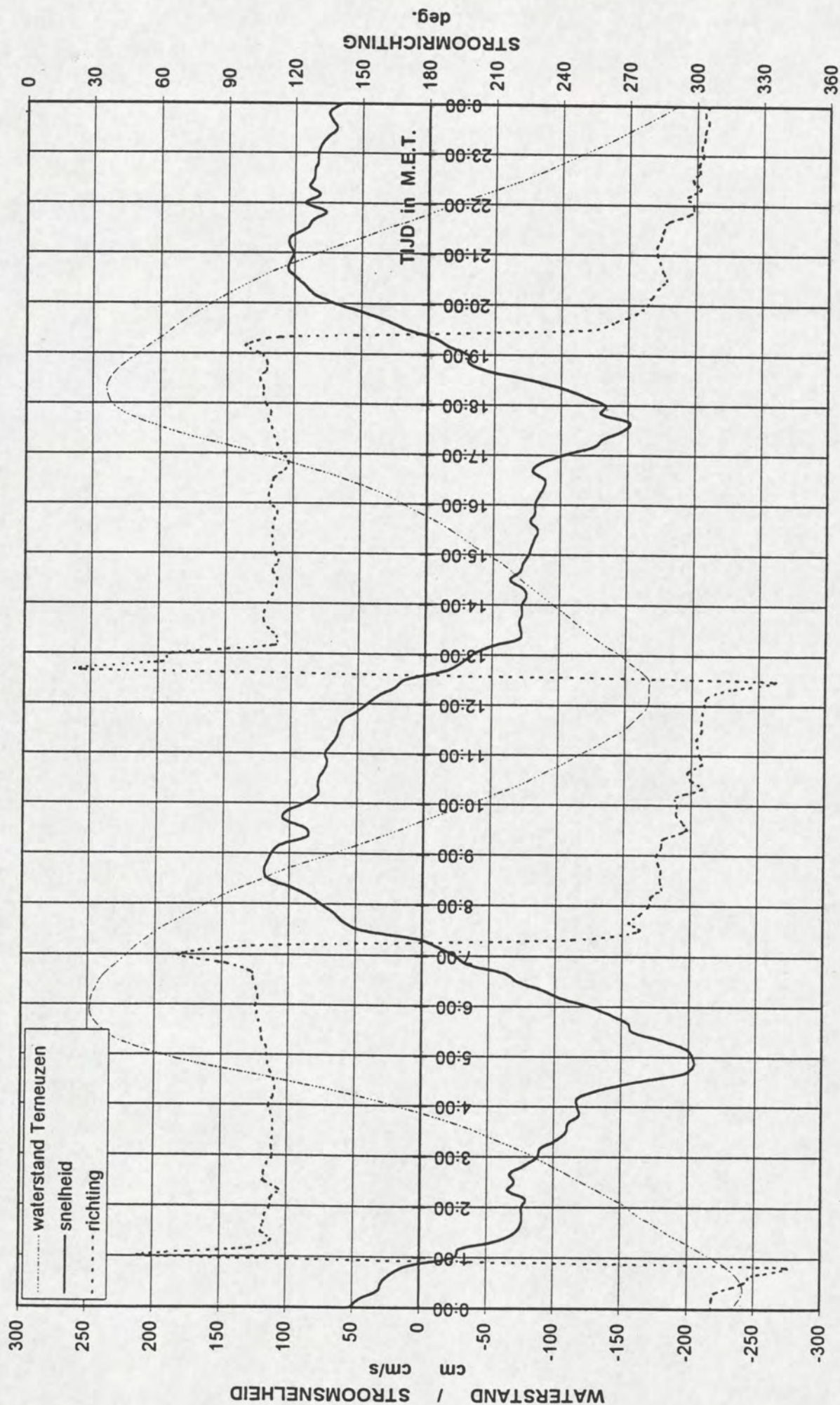
16 juli 1999



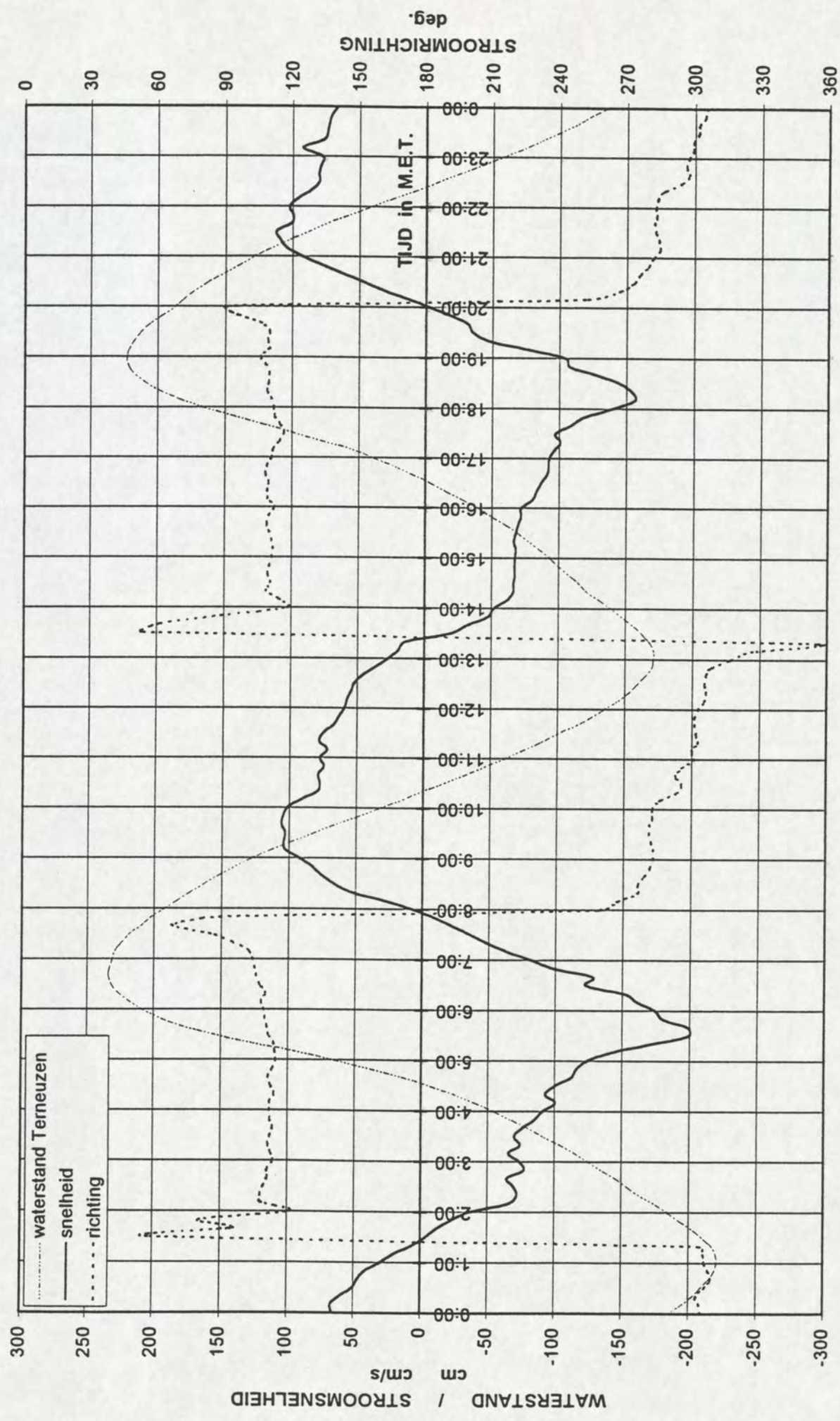
Debietraai 7 meetpunt OSM 2
17 juli 1999



Debietraai 7 meetpunt OSM 2
18 juli 1999

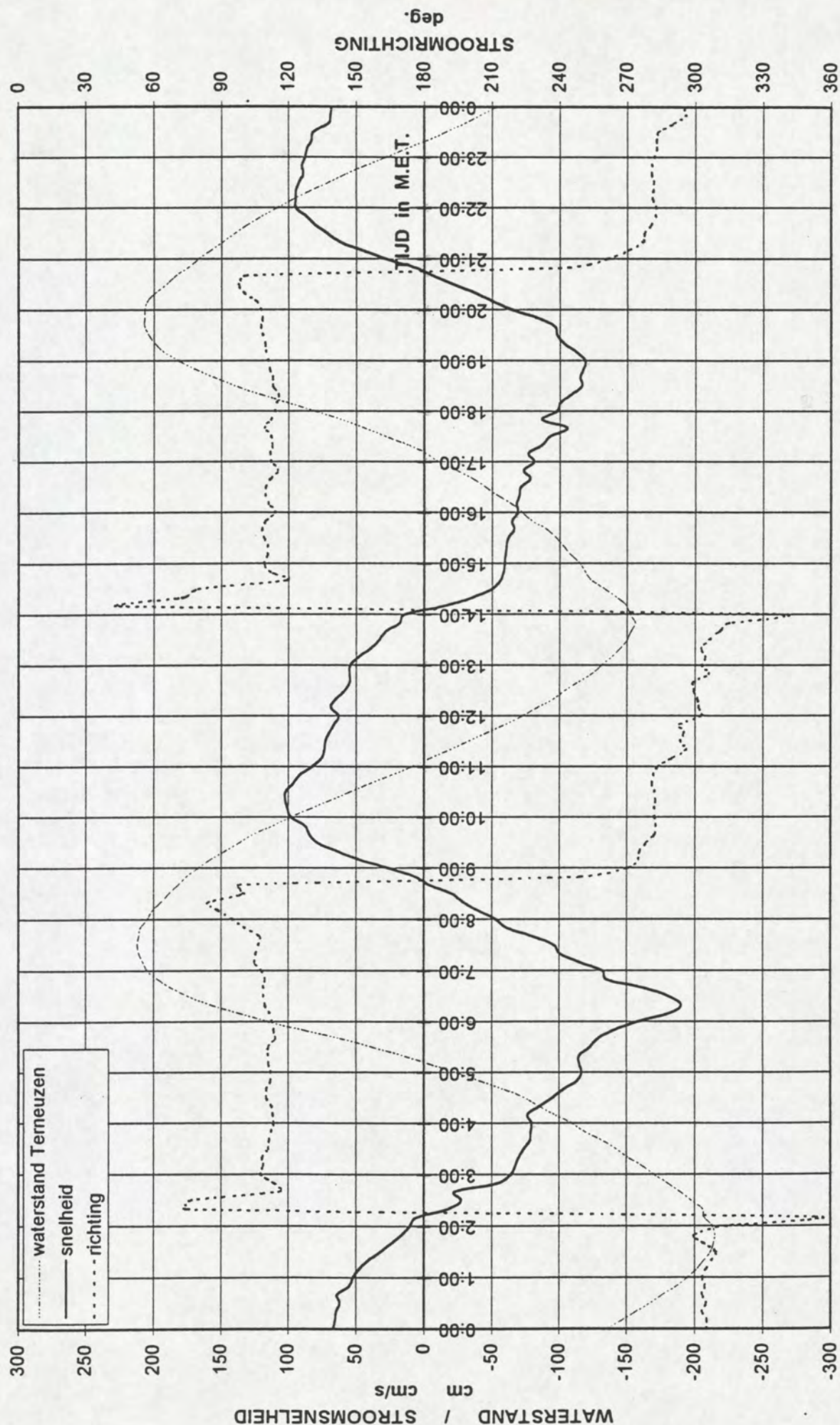


Debietraai 7 meetpunt OSM 2
 19 juli 1999



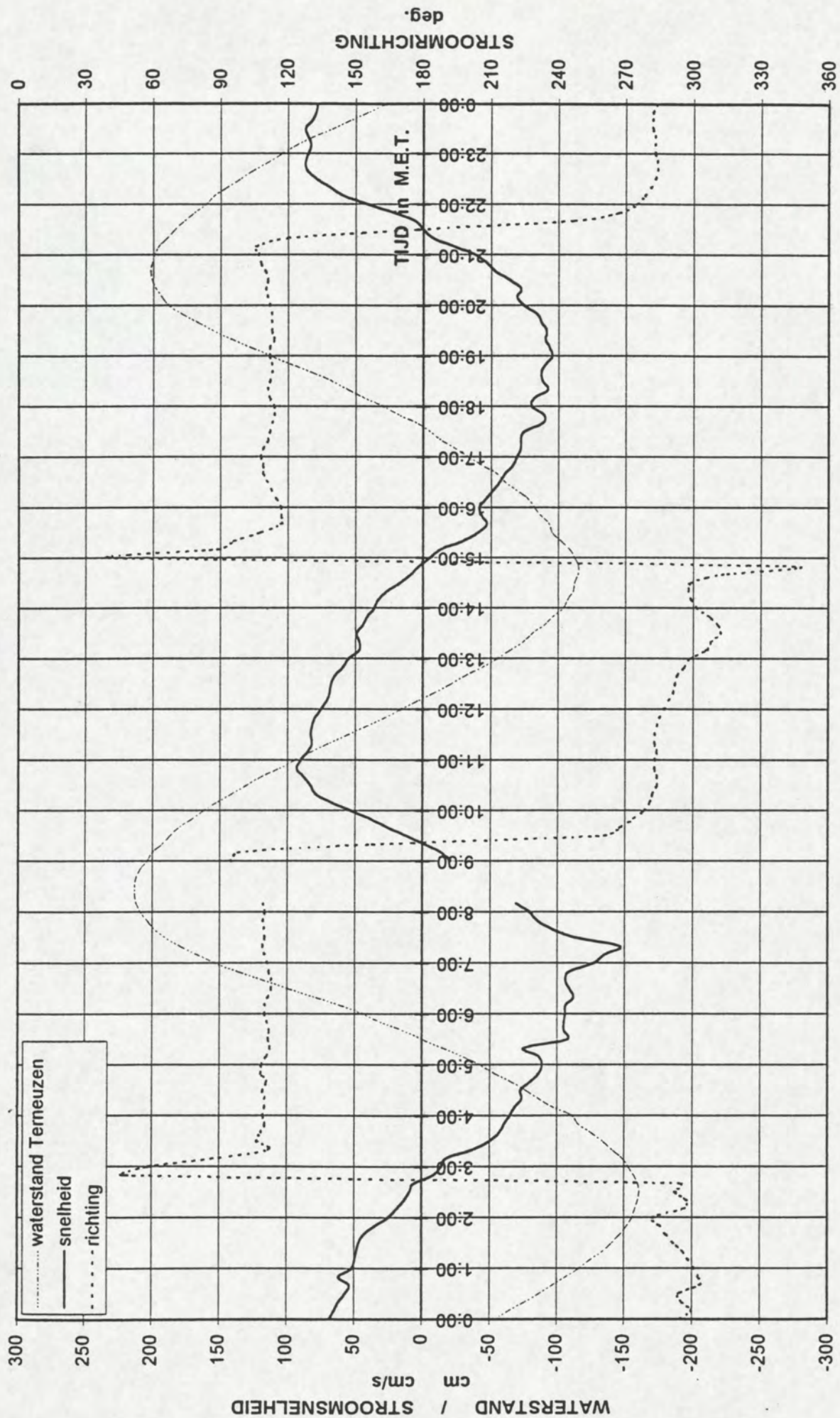
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20 juli 1999



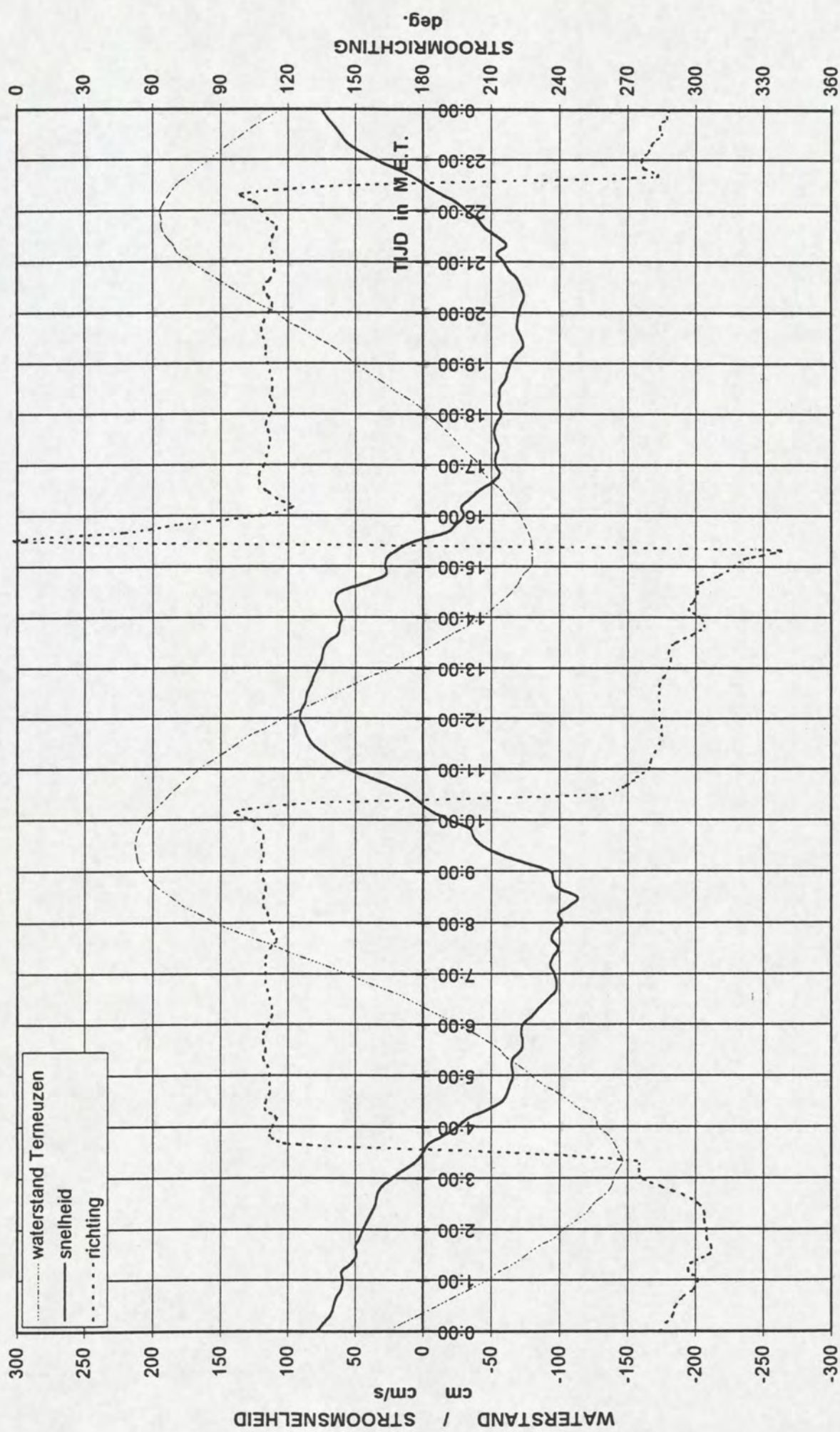
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21 juli 1999



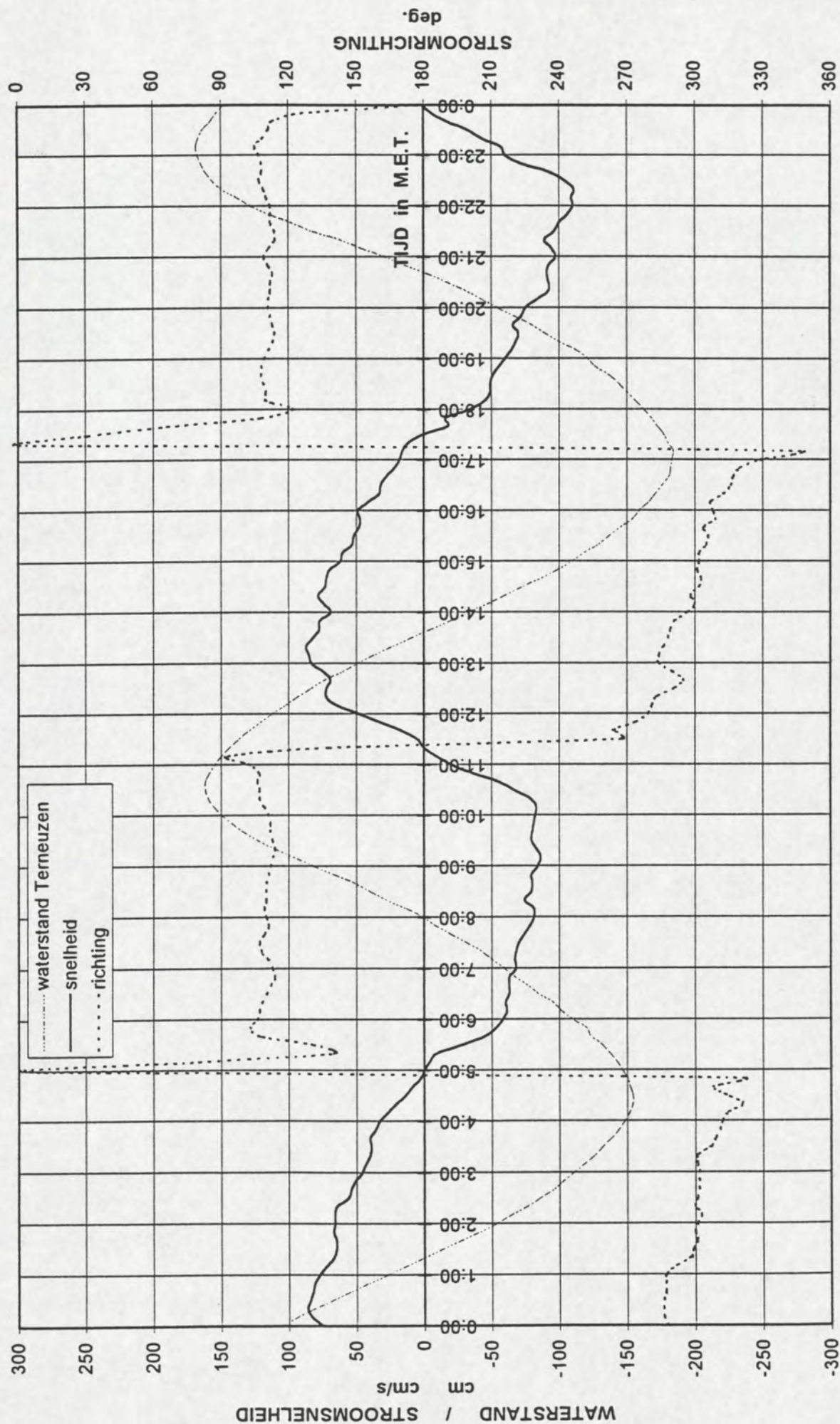
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22 juli 1999

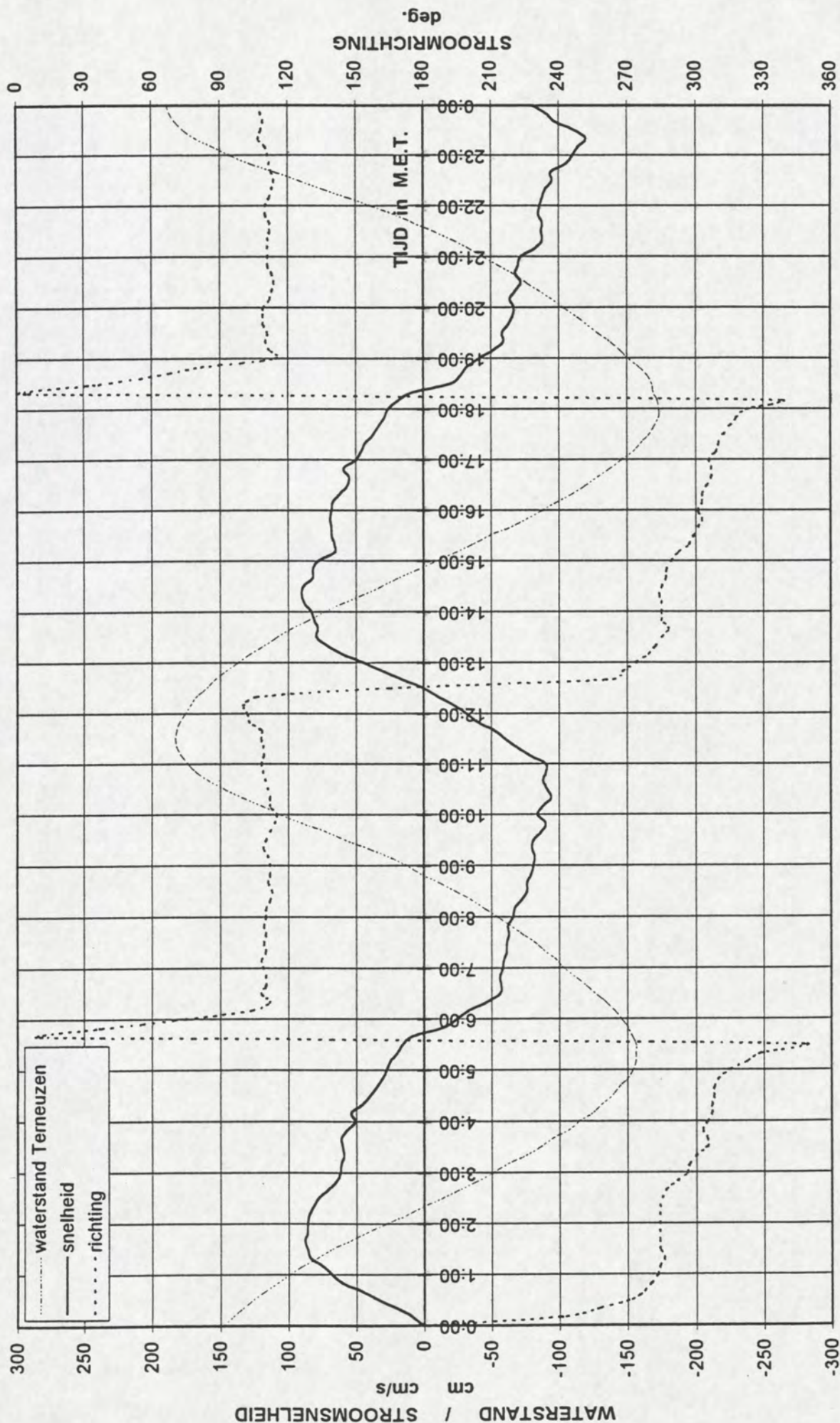


Debietraai 7 meetpunt OSM 2

23 juli 1999

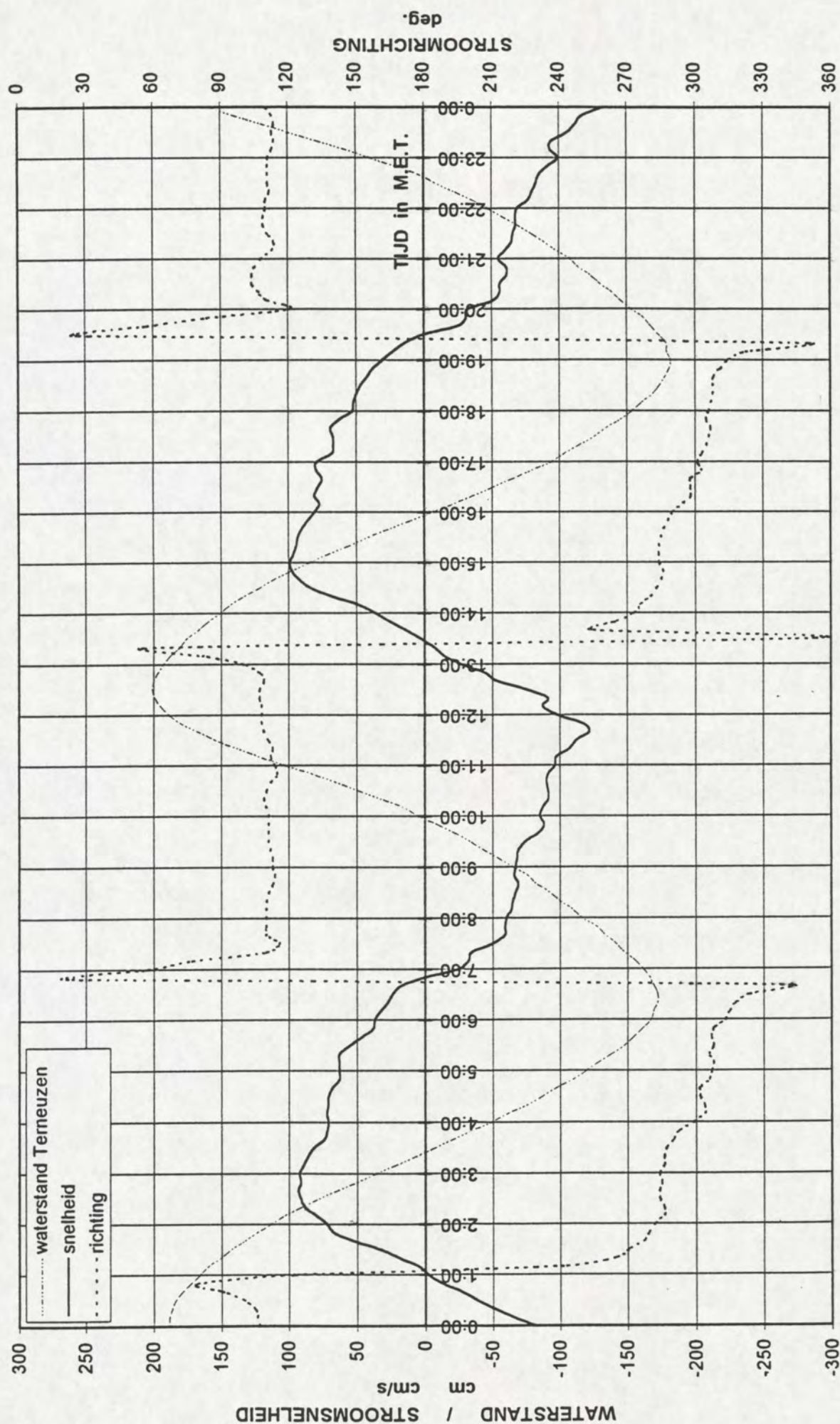


Debietraai 7 meetpunt OSM 2
24 juli 1999



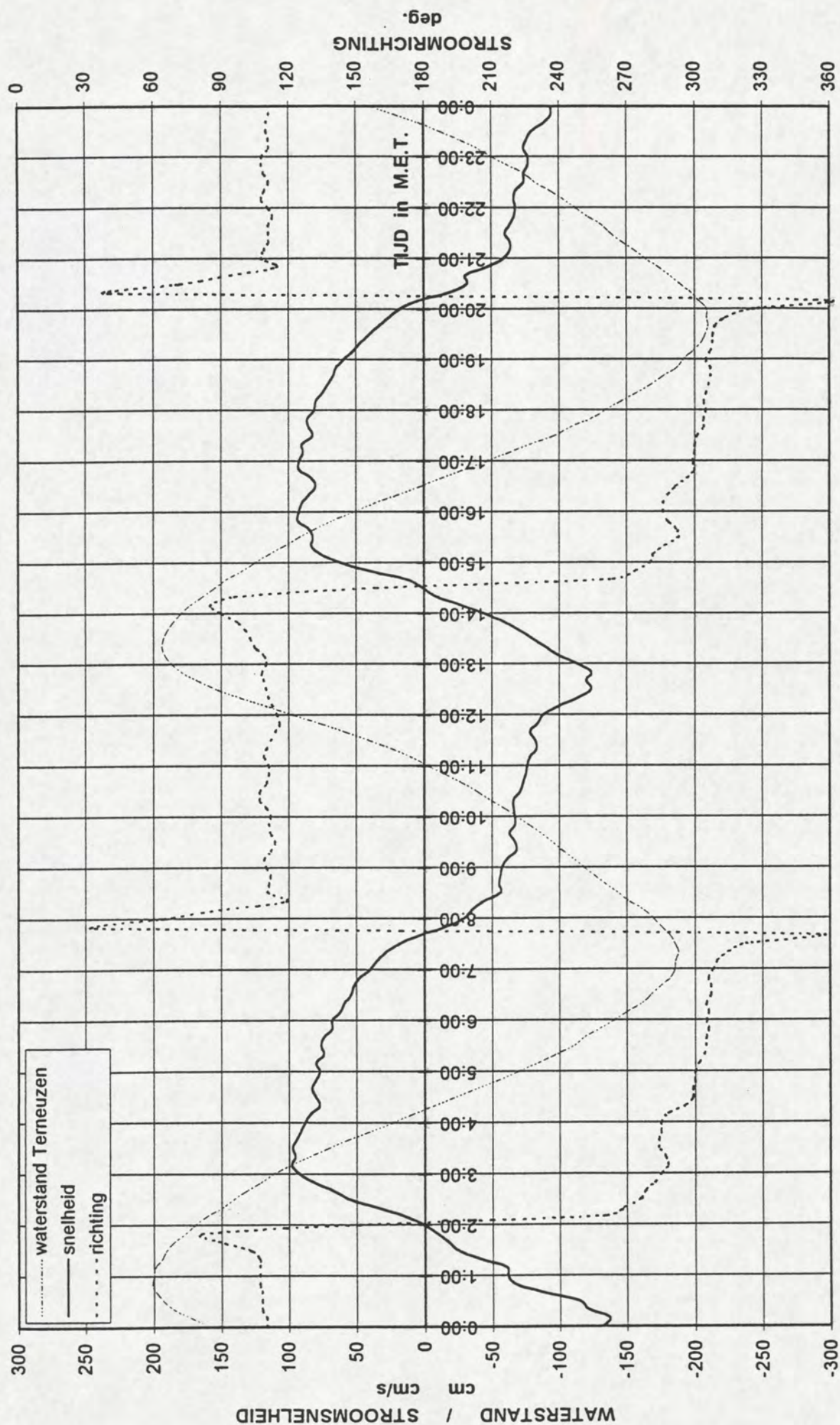
Debietraai 7 meetpunt OSM 2

25 juli 1999



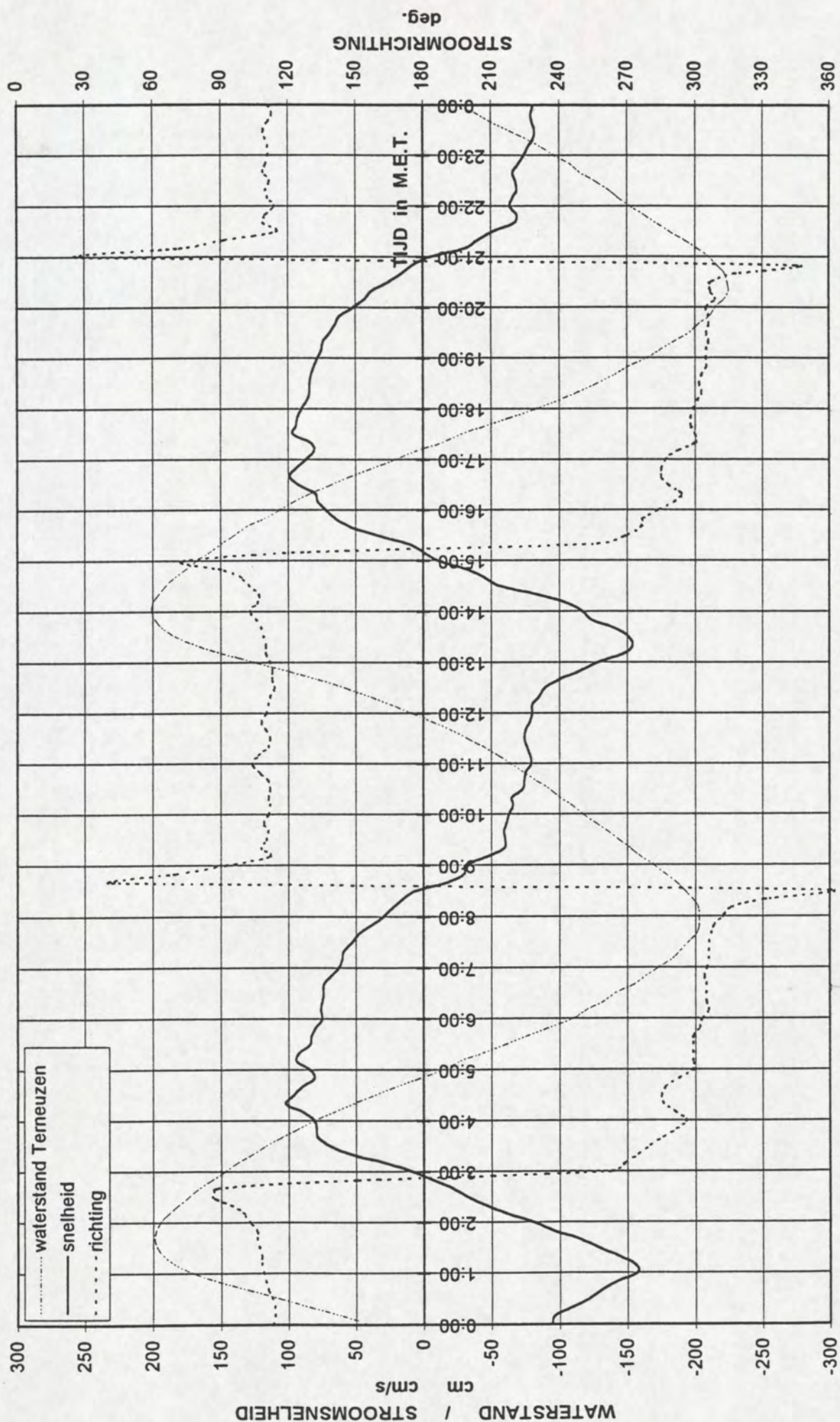
Debietraai 7 meetpunt OSM 2

26 juli 1999



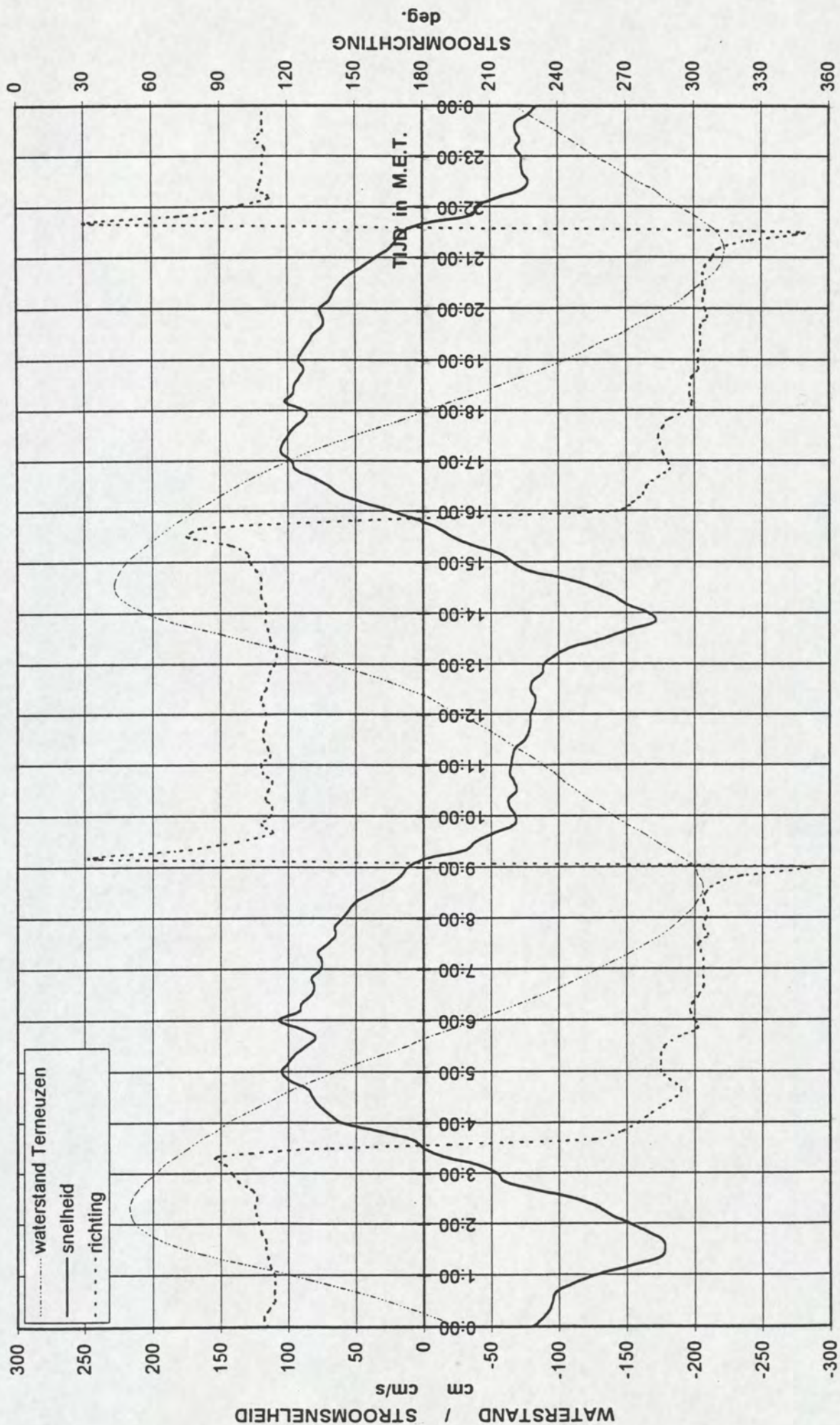
Debietraai 7 meetpunt OSM 2

27 juli 1999

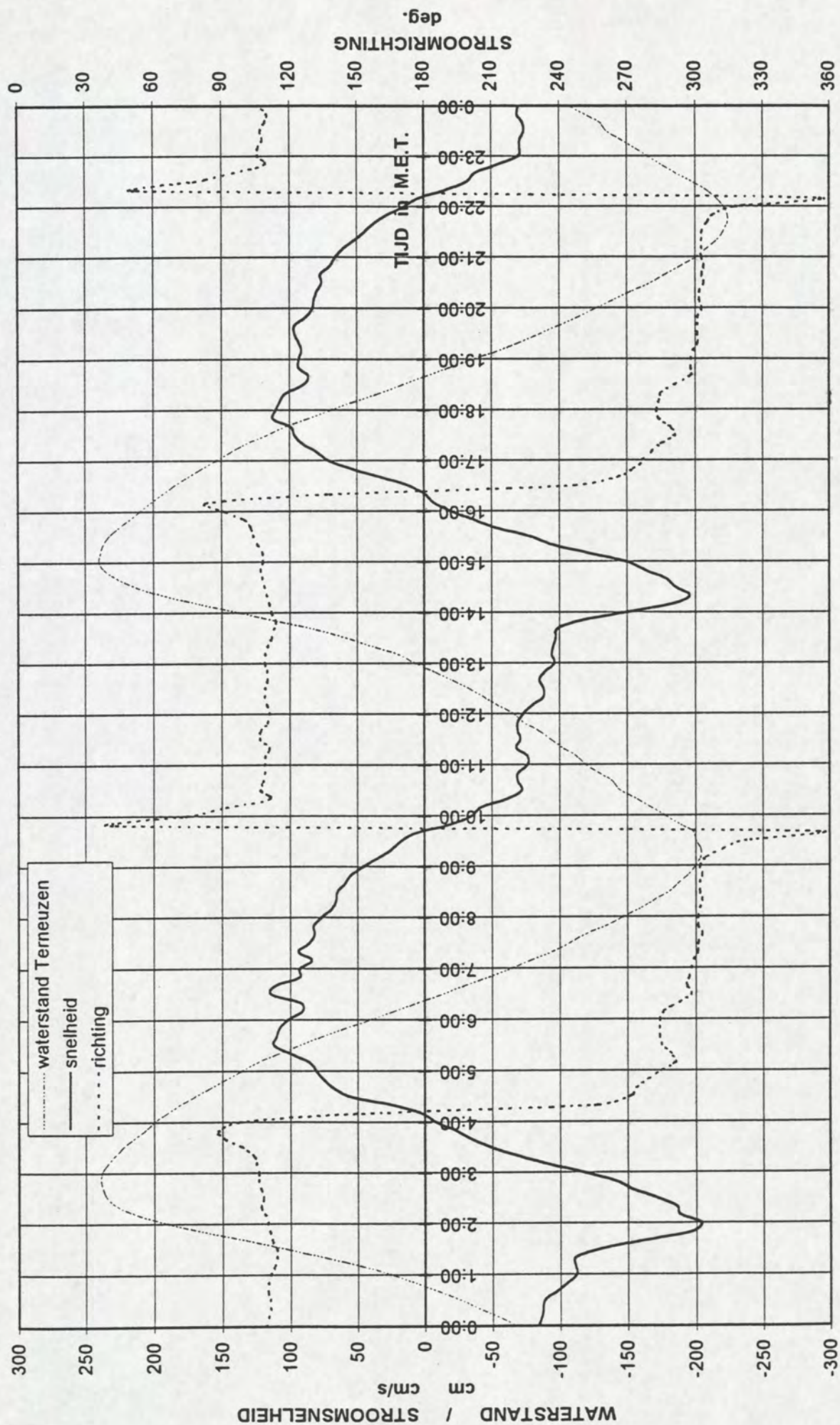


Debietraai 7 meetpunt OSM 2

28 juli 1999

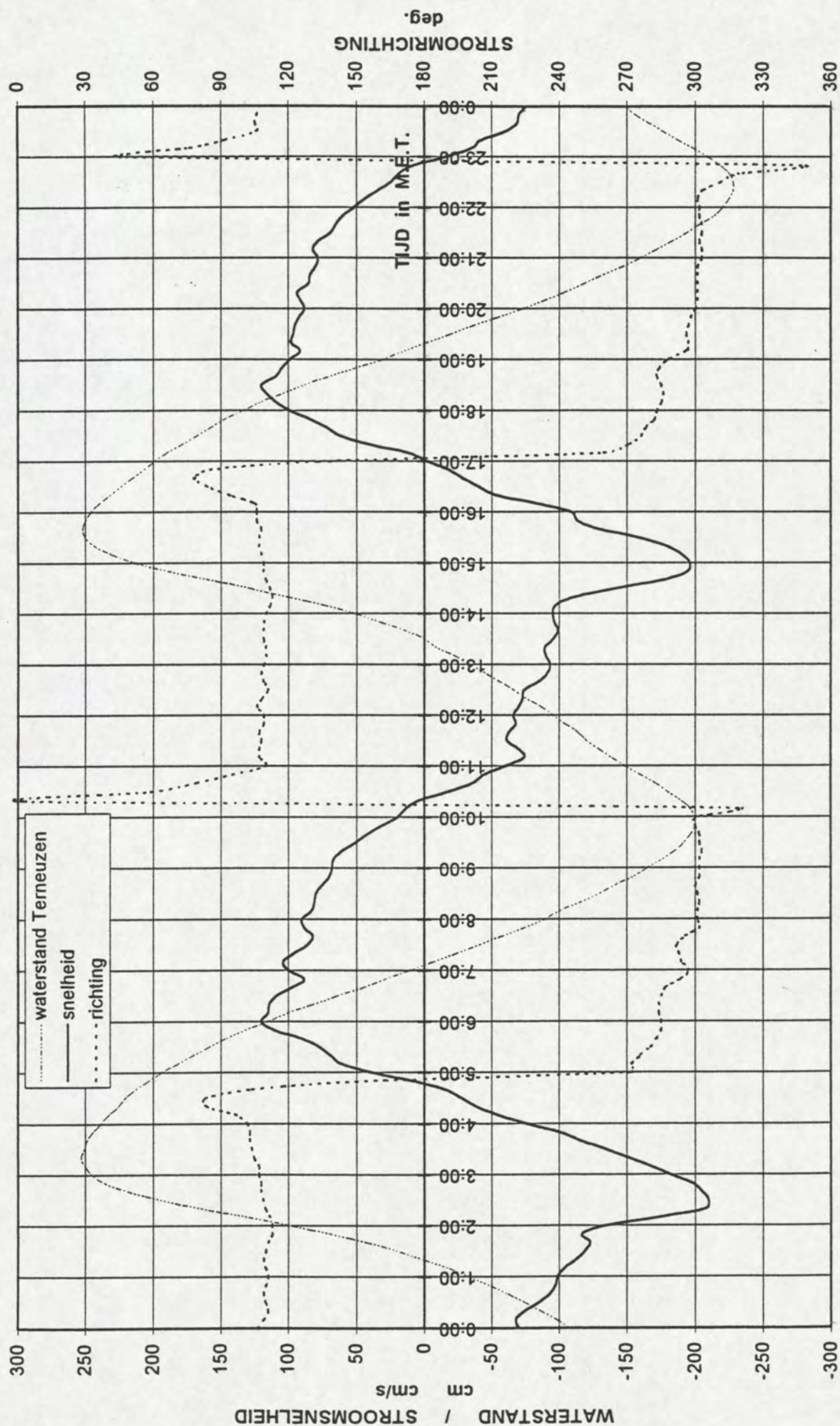


Debietraai 7 meetpunt OSM 2
29 juli 1999



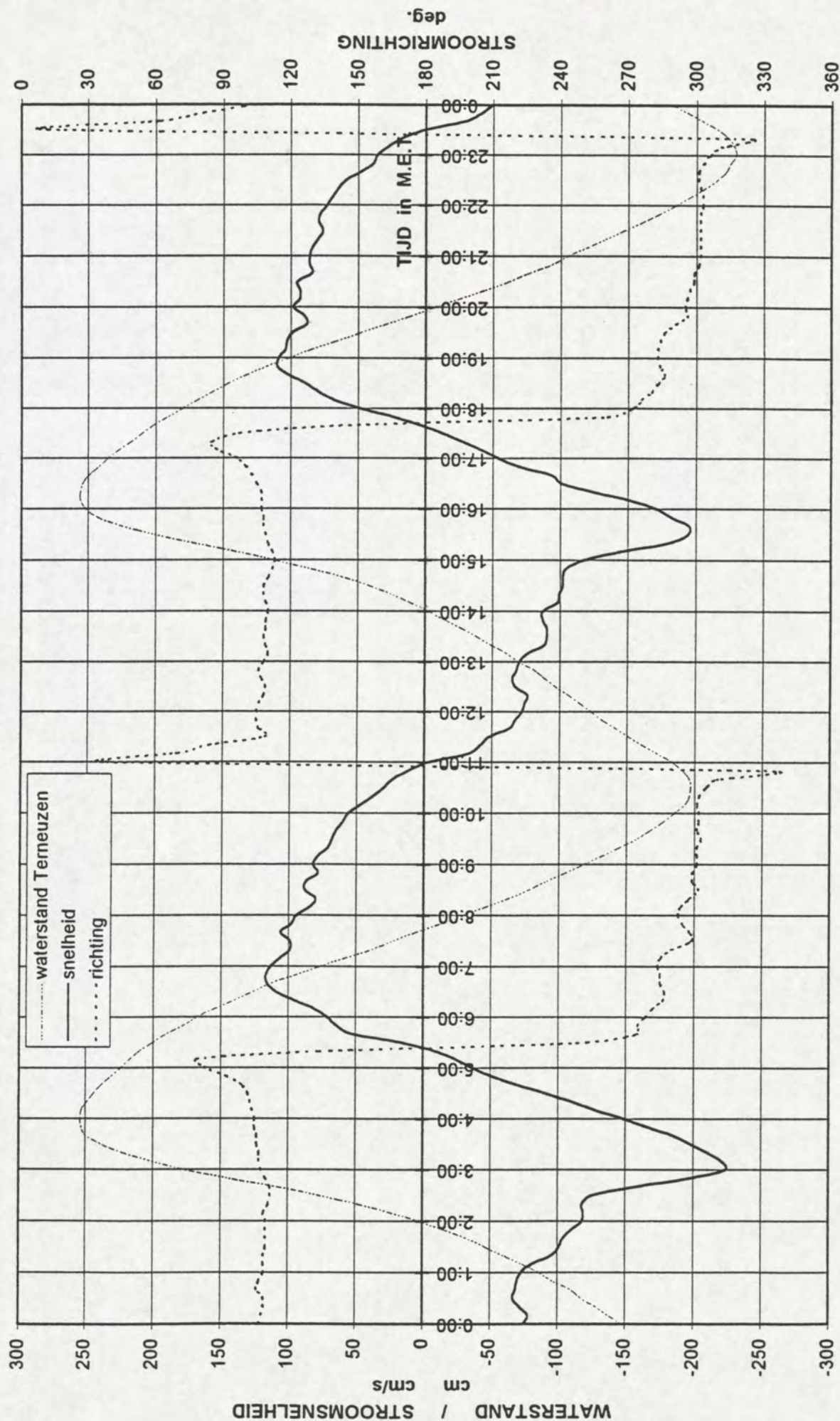
Debietraai 7 meetpunt OSM 2

30 juli 1999



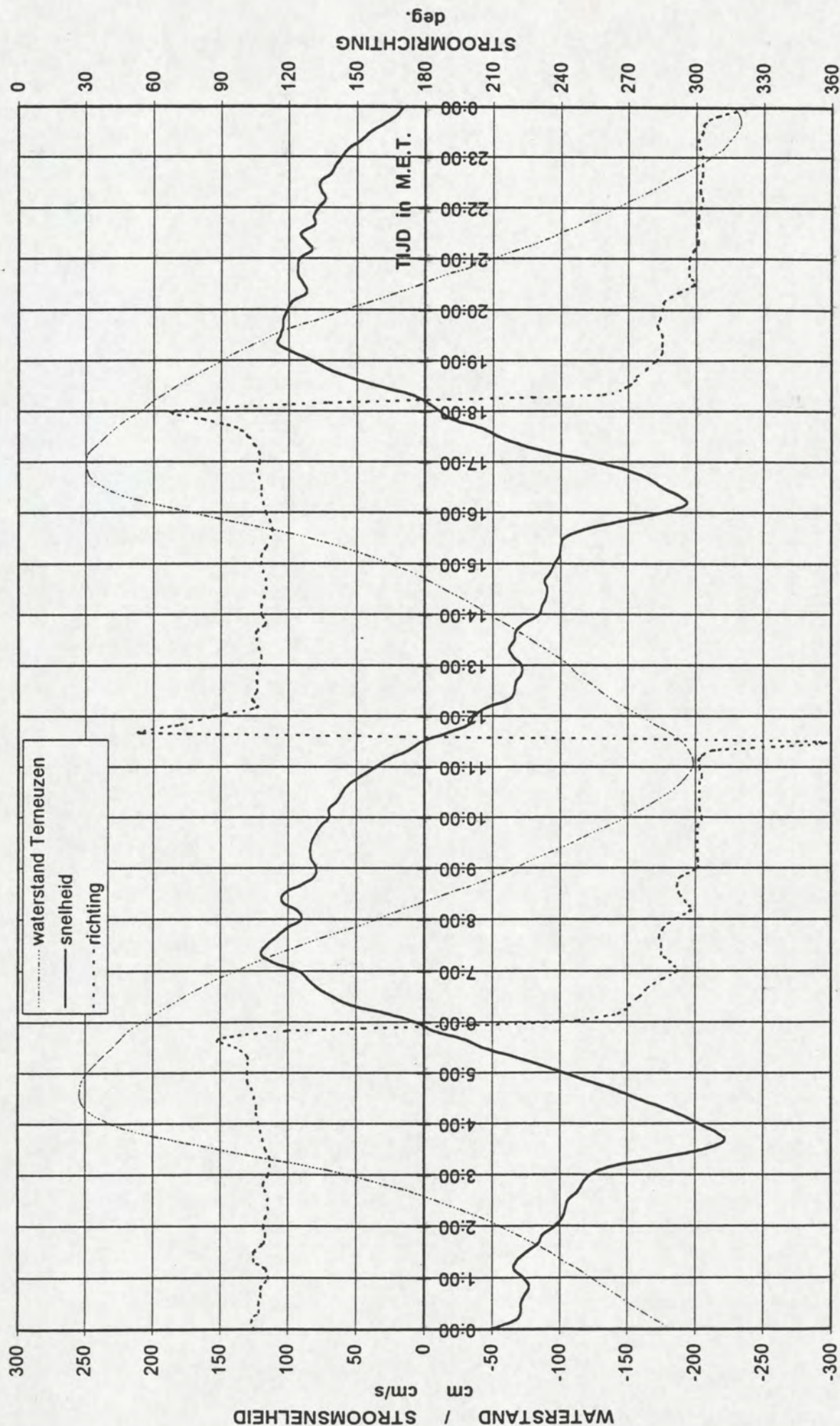
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31 juli 1999

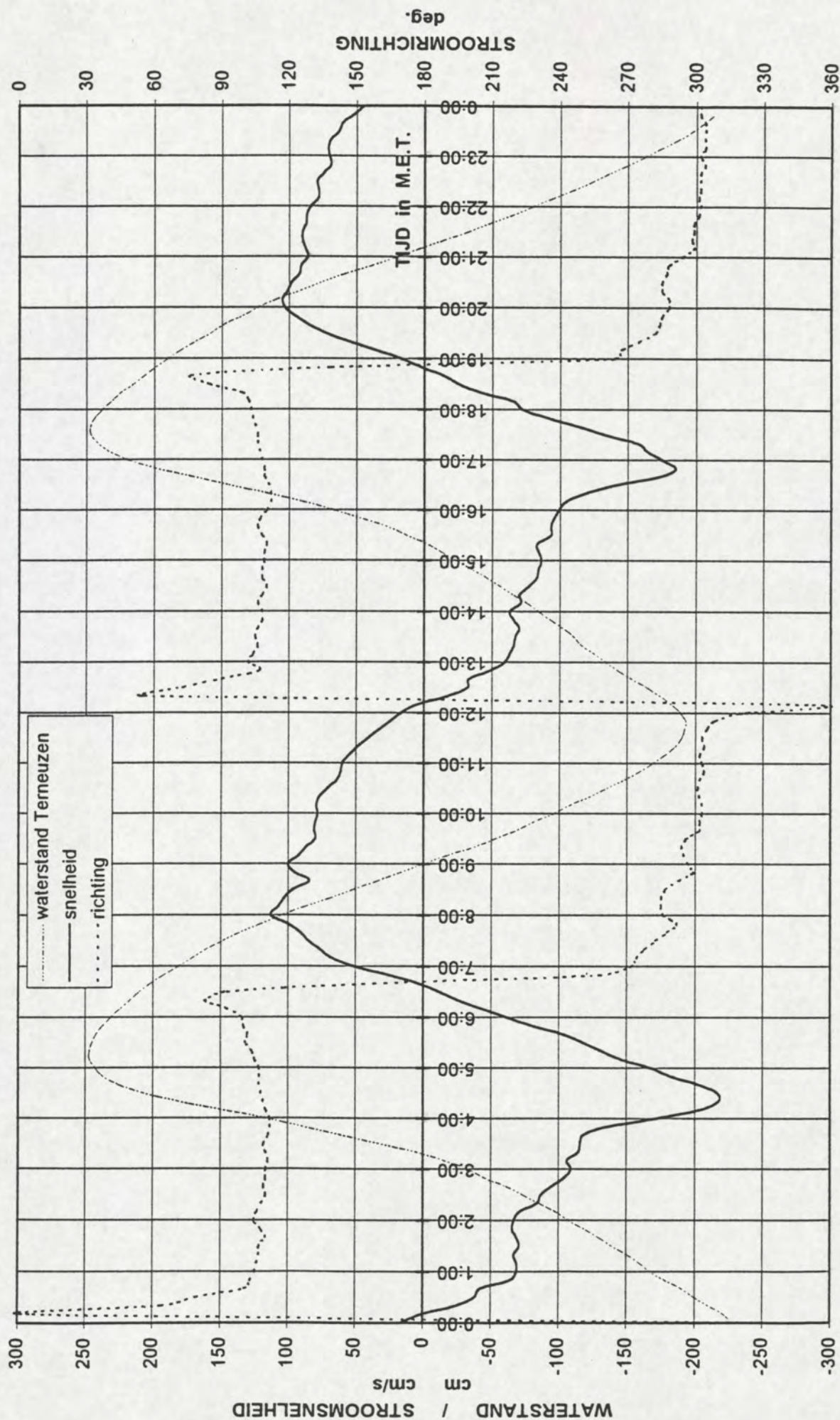


Debietraai 7 meetpunt OSM 2

1 augustus 1999

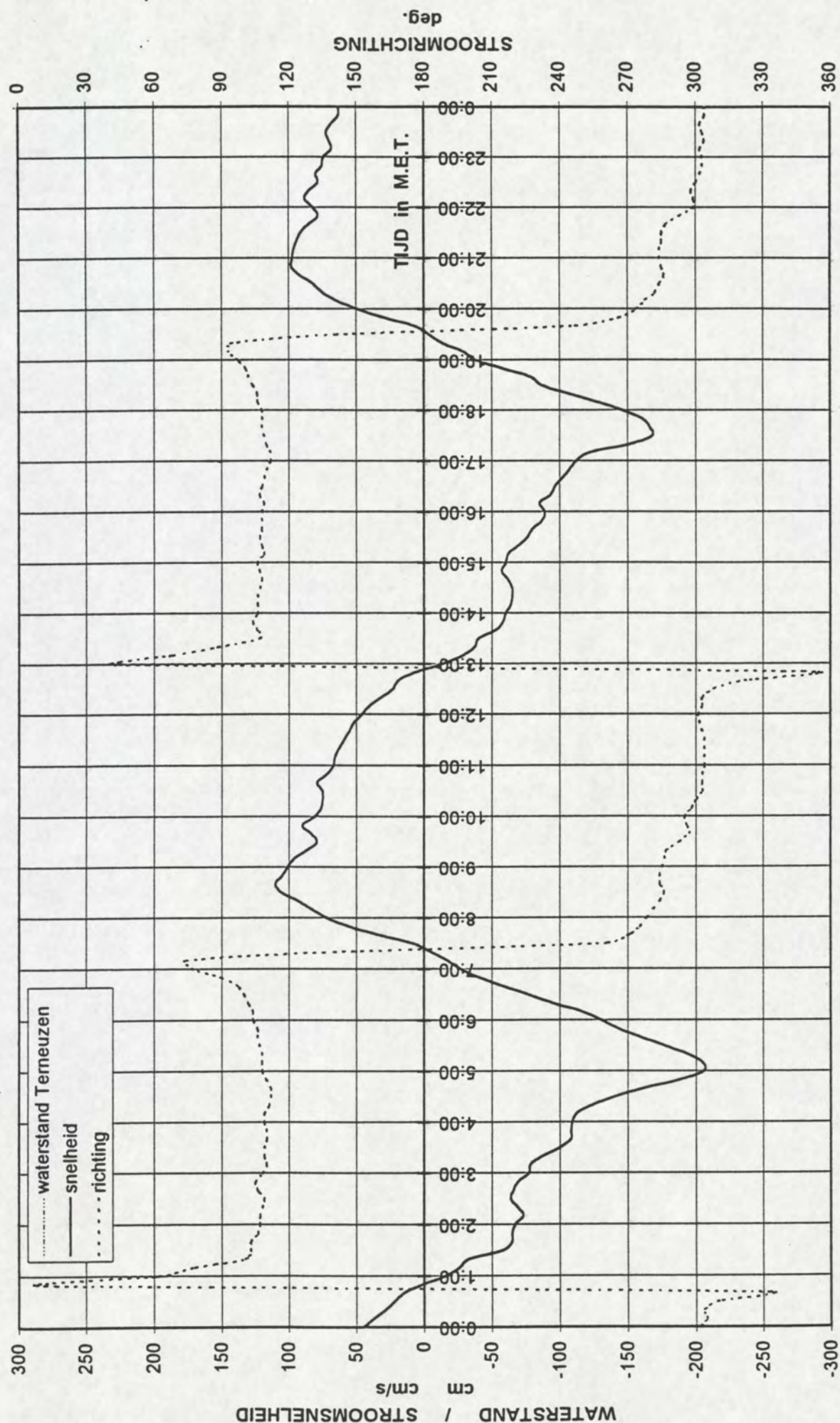


Debietraai 7 meetpunt OSM 2
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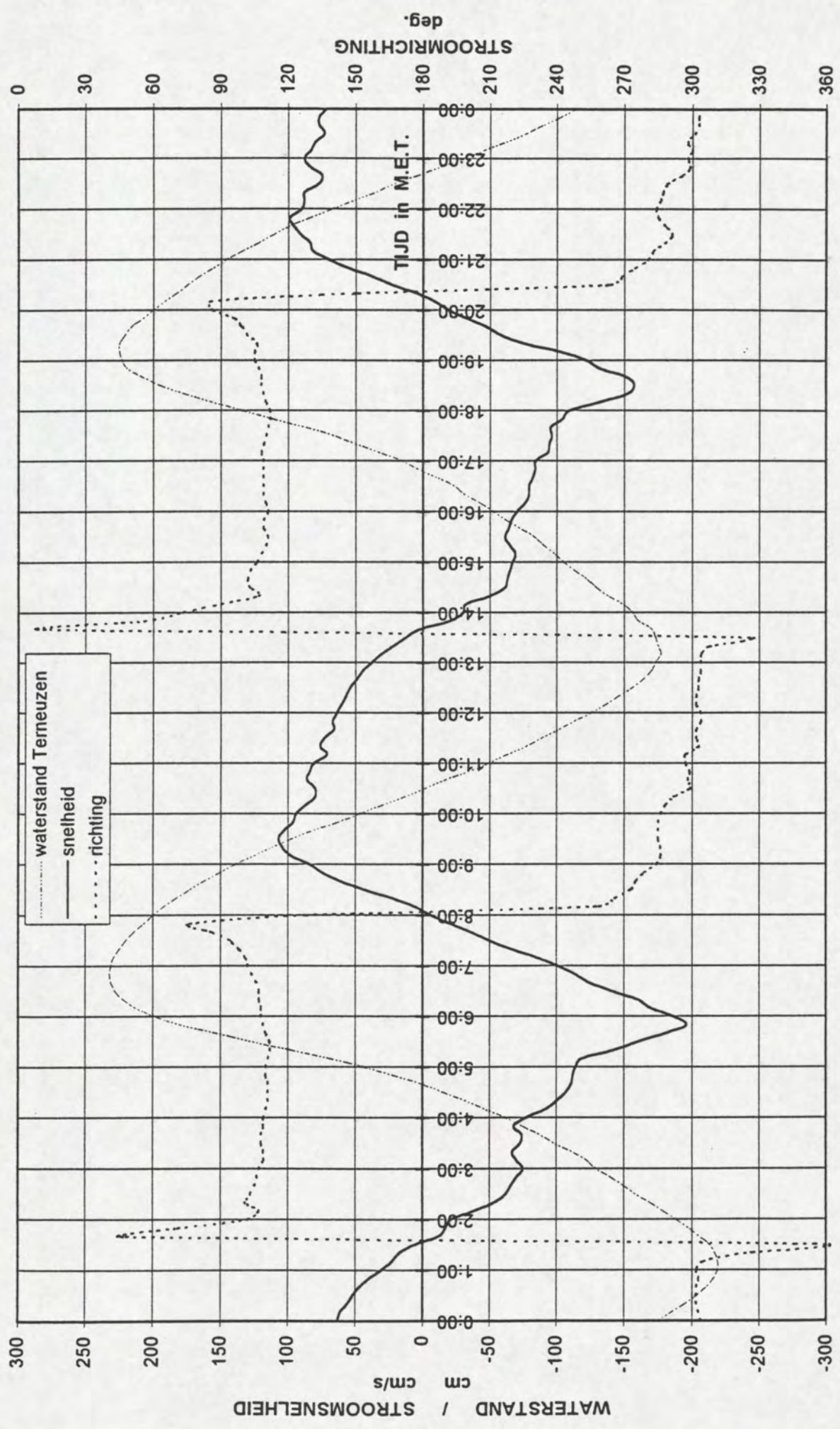


Debietraai 7 meetpunt OSM 2

3 augustus 1999

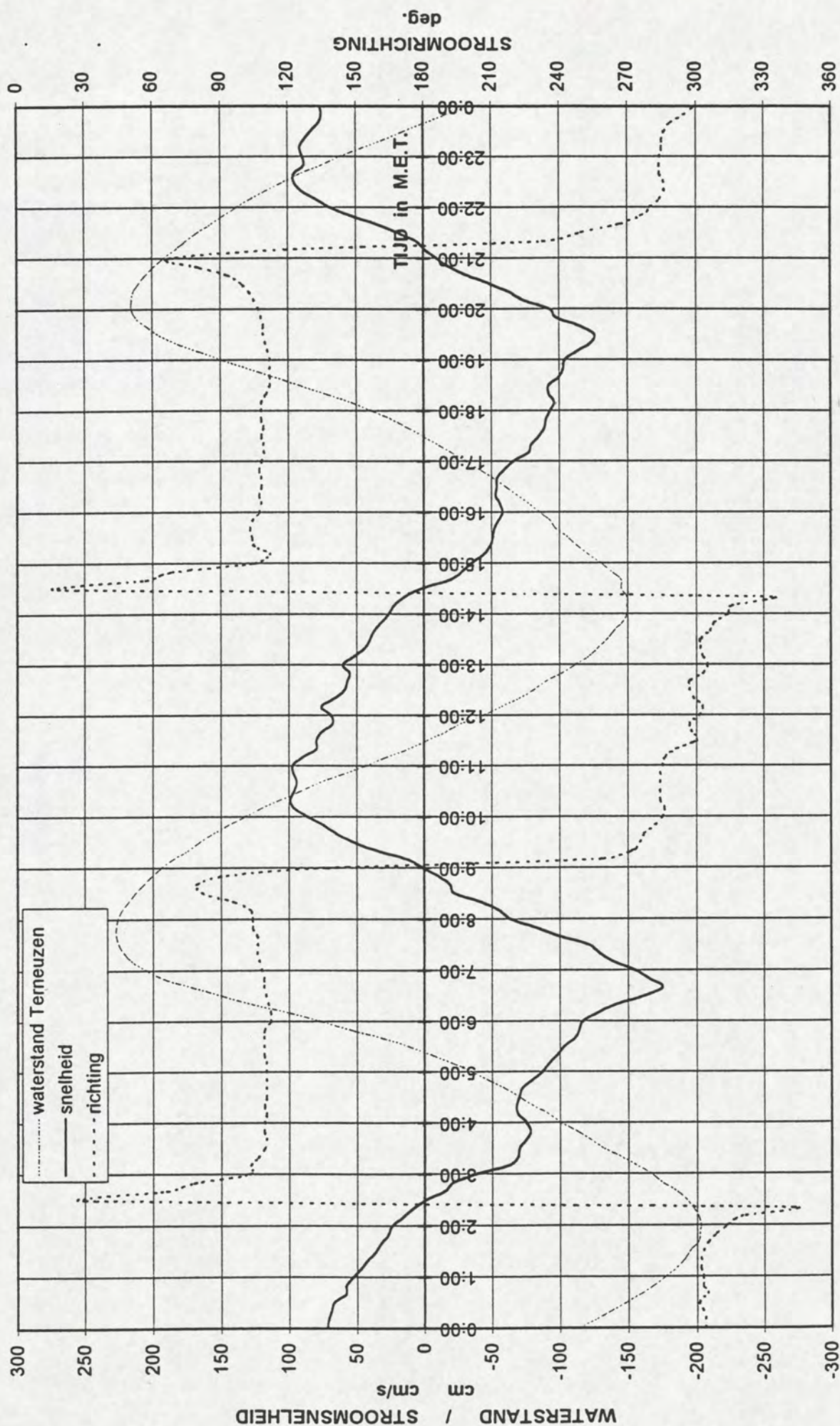


Debietraai 7 meetpunt OSM 2
4 augustus 1999



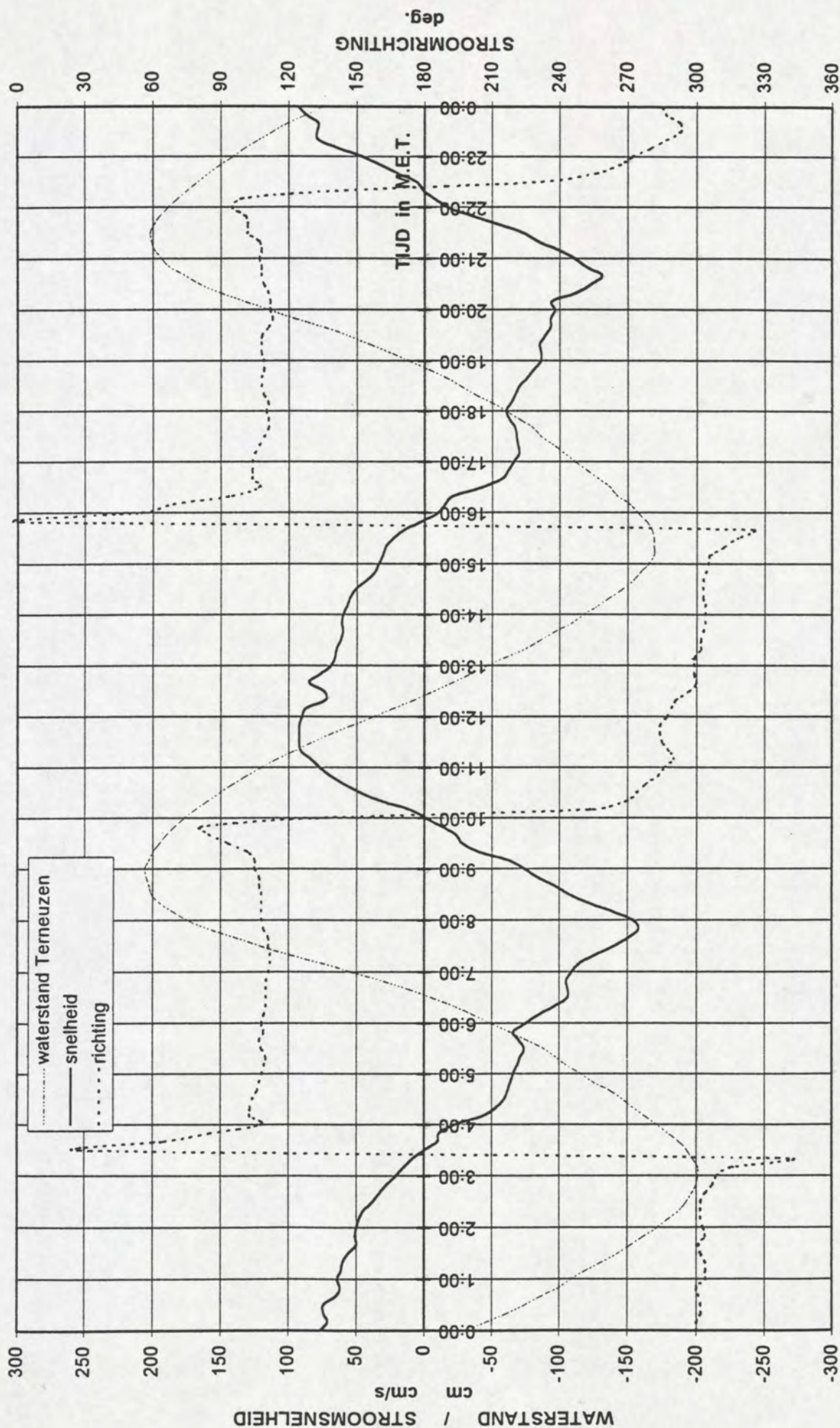
Debietraai 7 meetpunt OSM 2

5 augustus 1999



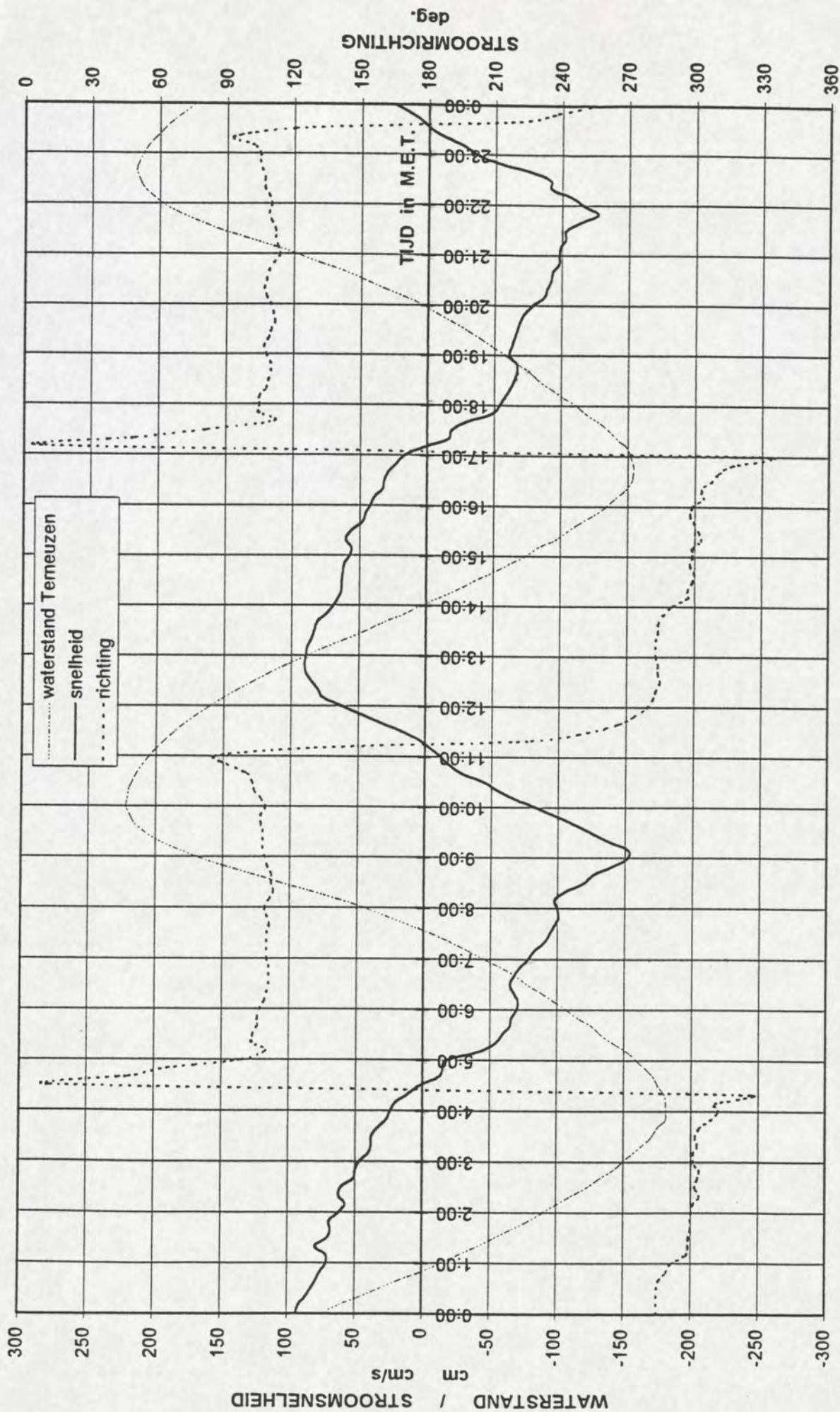
Debietraai 7 meetpunt OSM 2

6 augustus 1999



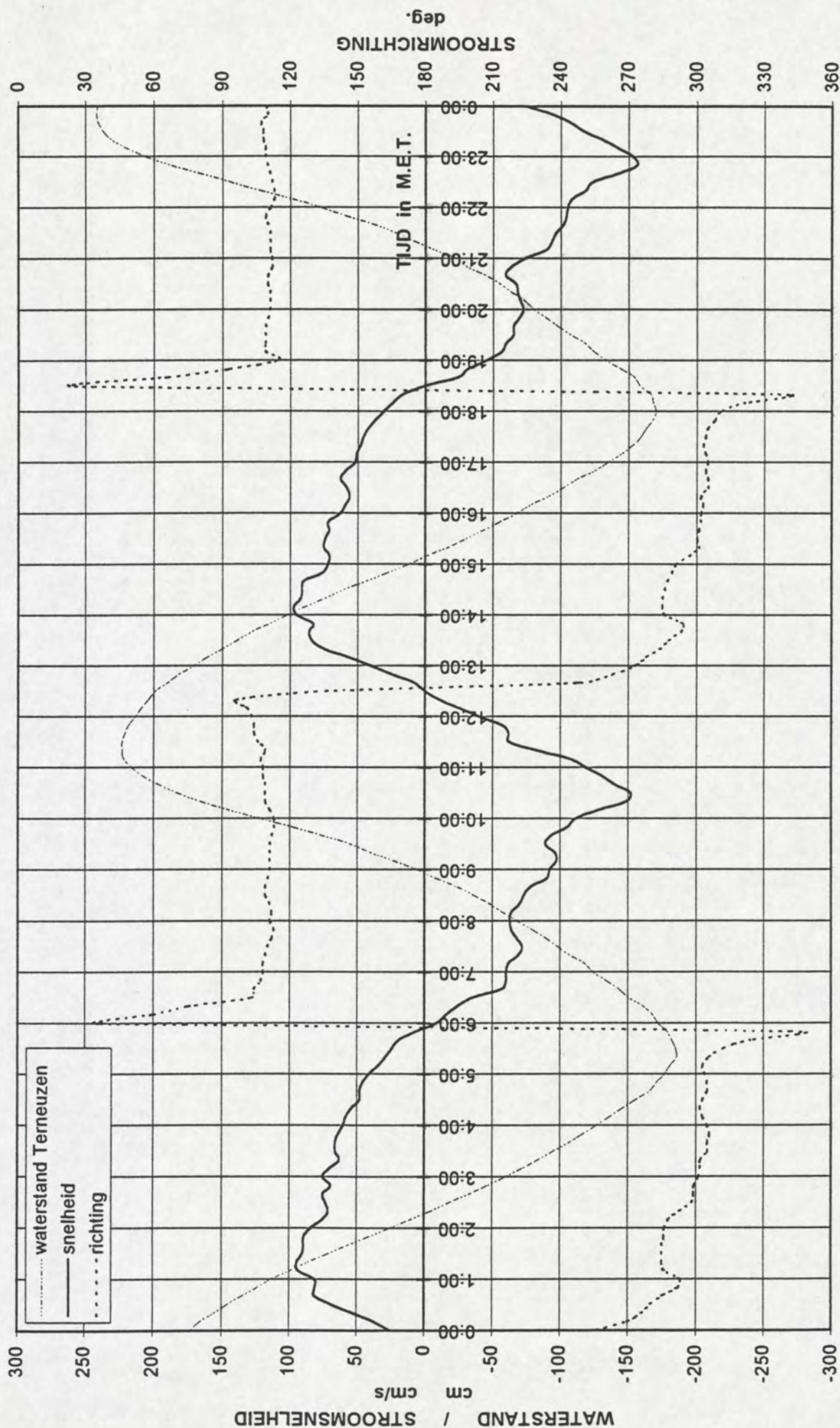
Debietraai 7 meetpunt OSM 2

7 augustus 1999

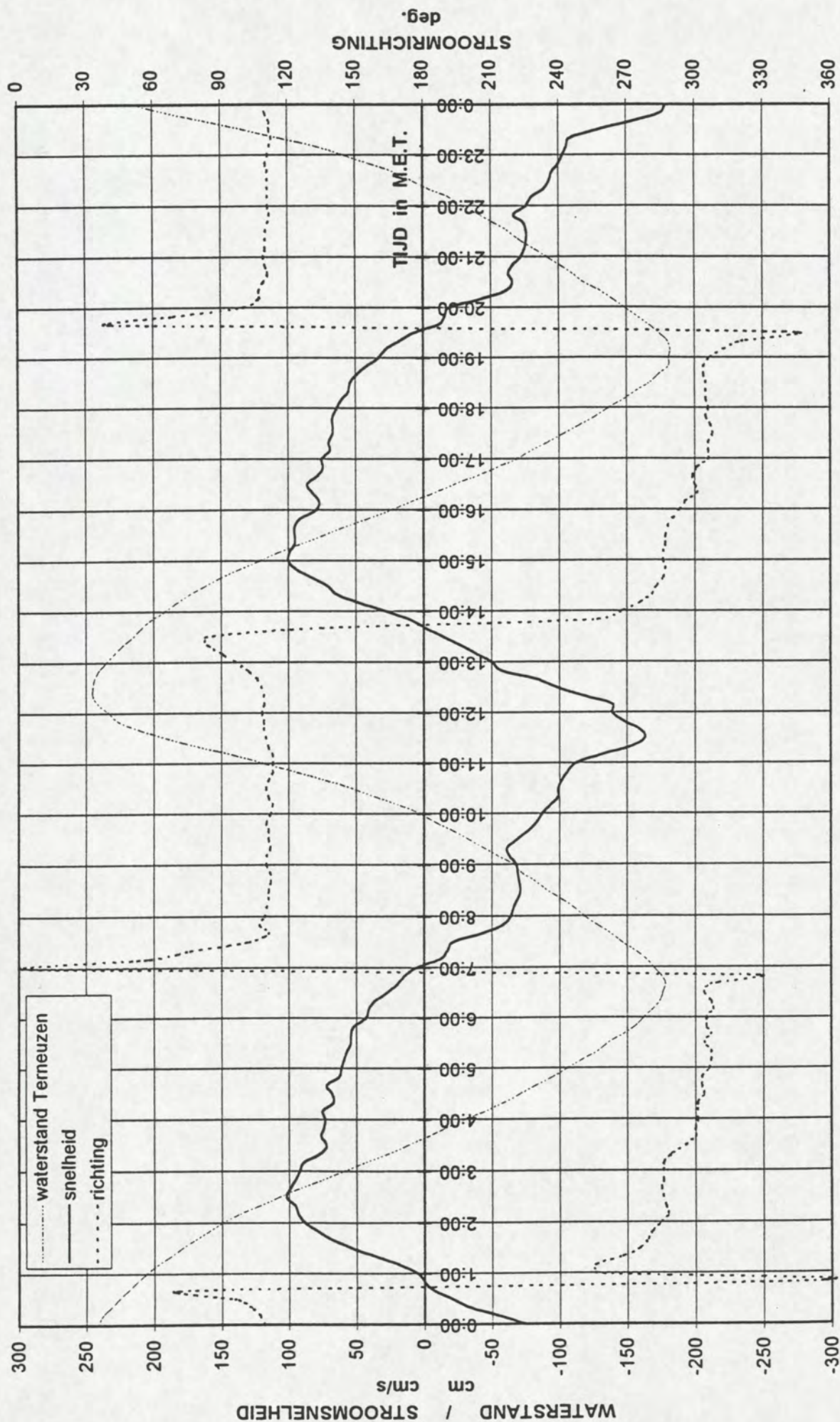


Debietraai 7 meetpunt OSM 2

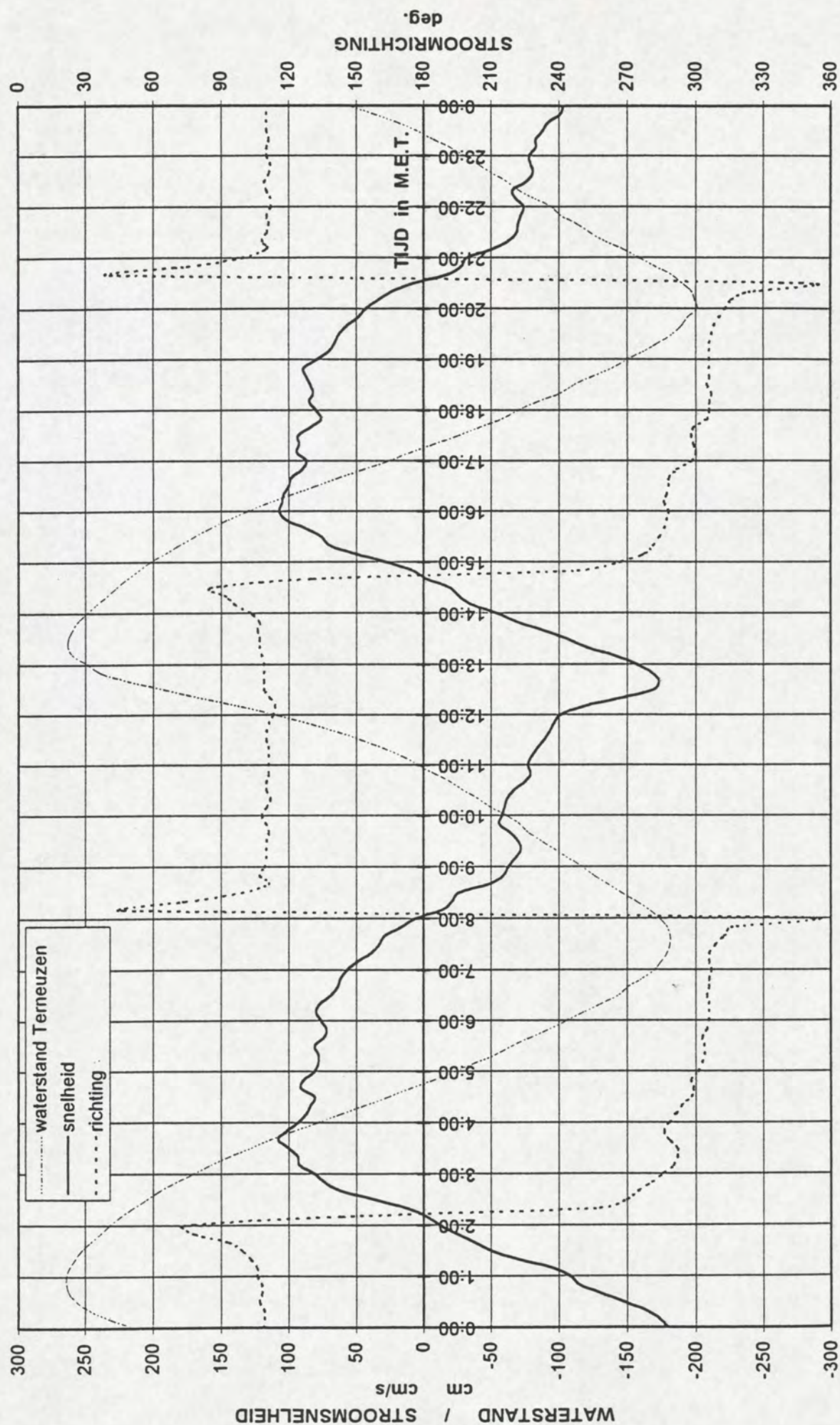
8 augustus 1999



Debietraai 7 meetpunt OSM 2
9 augustus 1999

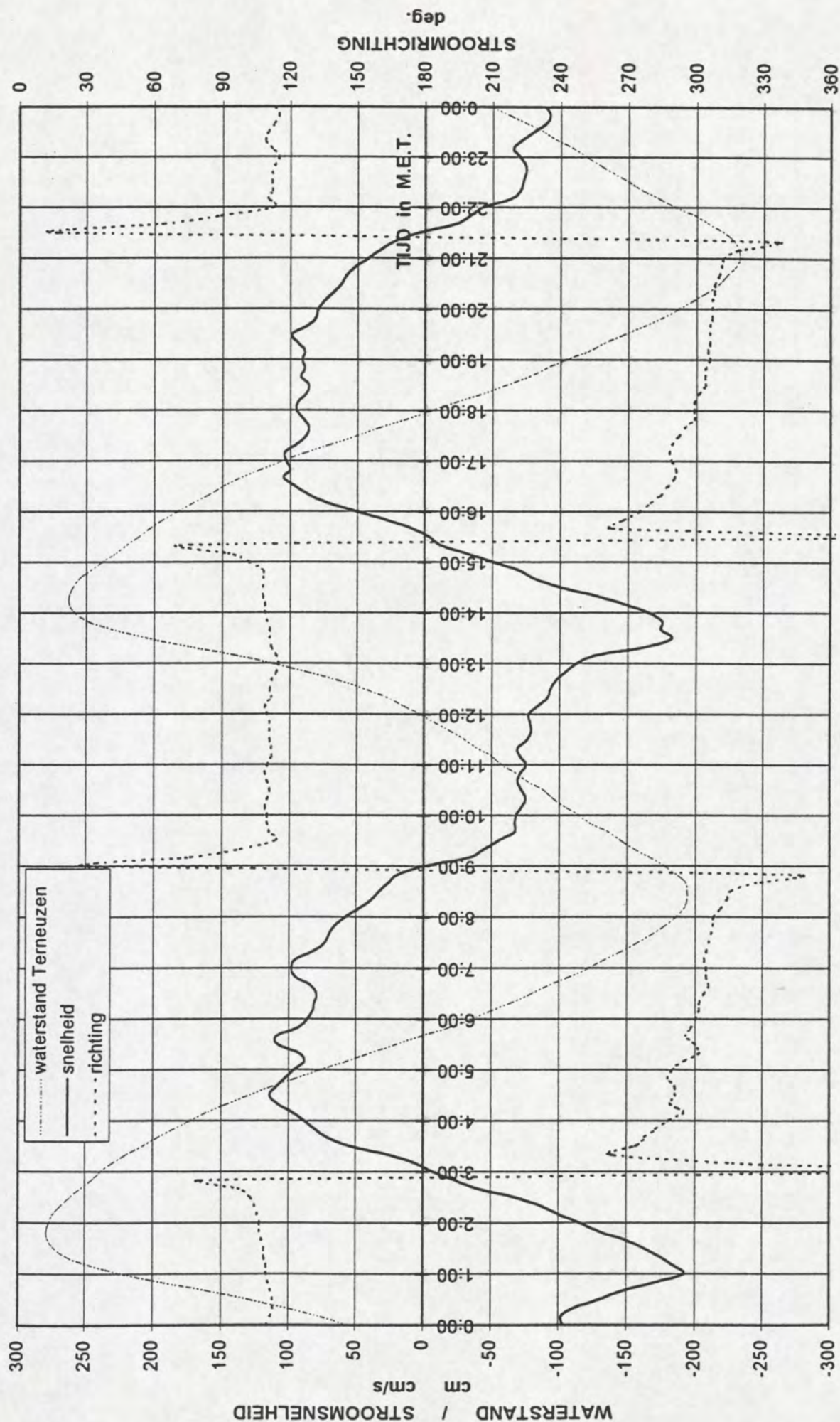


Debietraai 7 meetpunt OSM 2
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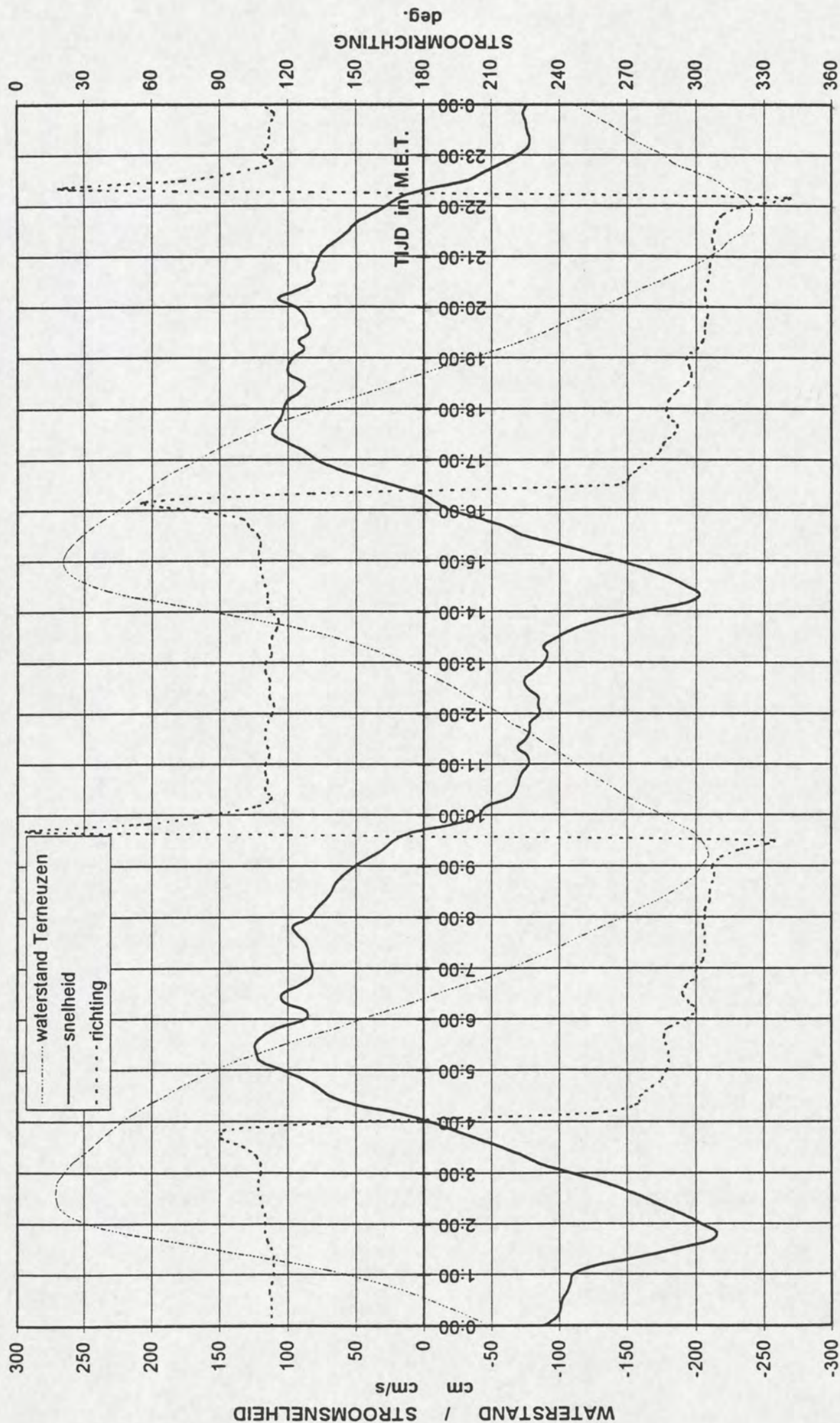
Debietraai 7 meetpunt OSM 2

11 augustus 1999



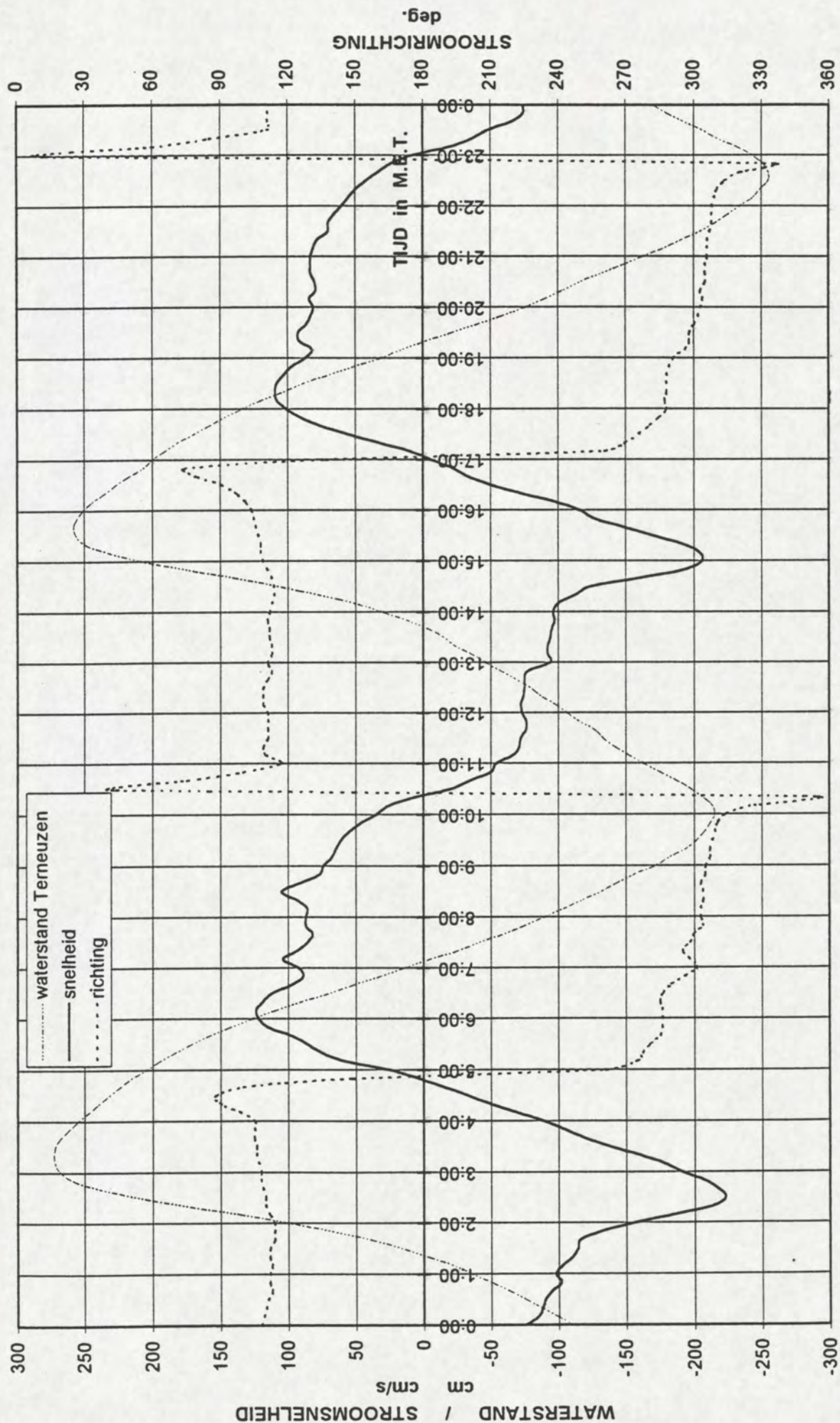
Debietraai 7 meetpunt OSM 2

12 augustus 1999



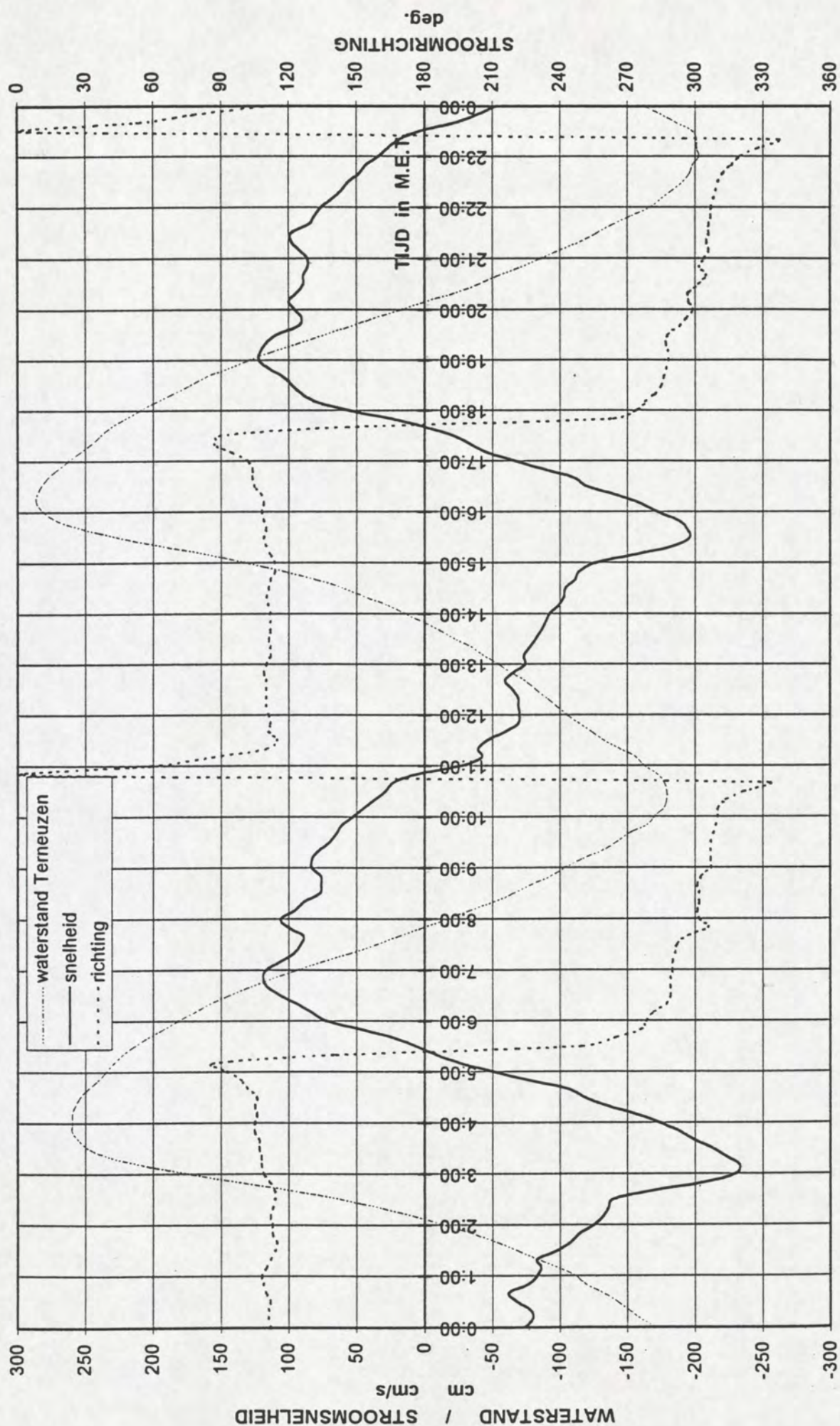
Debietraai 7 meetpunt OSM 2

13 augustus 1999

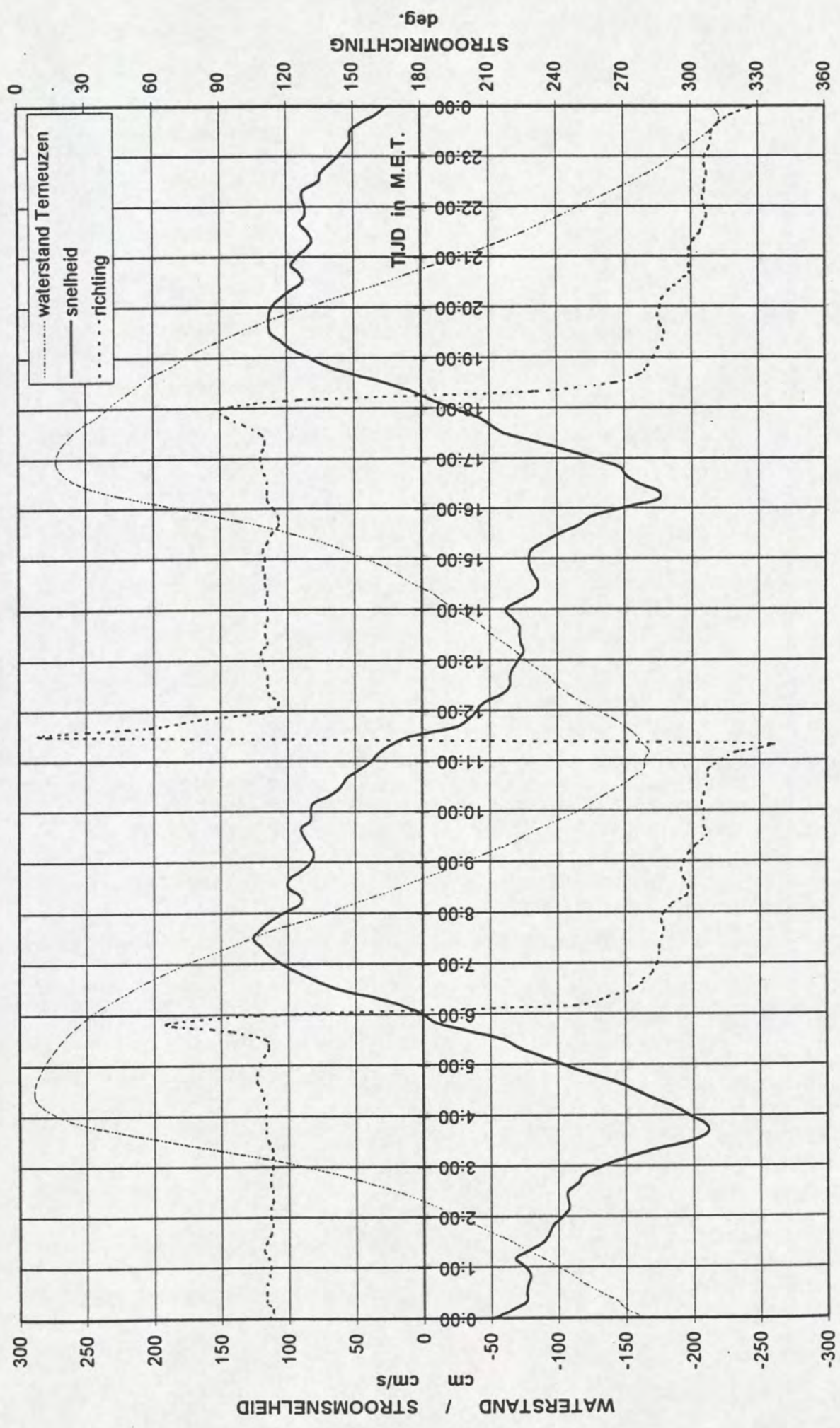


Debietraai 7 meetpunt OSM 2

14 augustus 1999

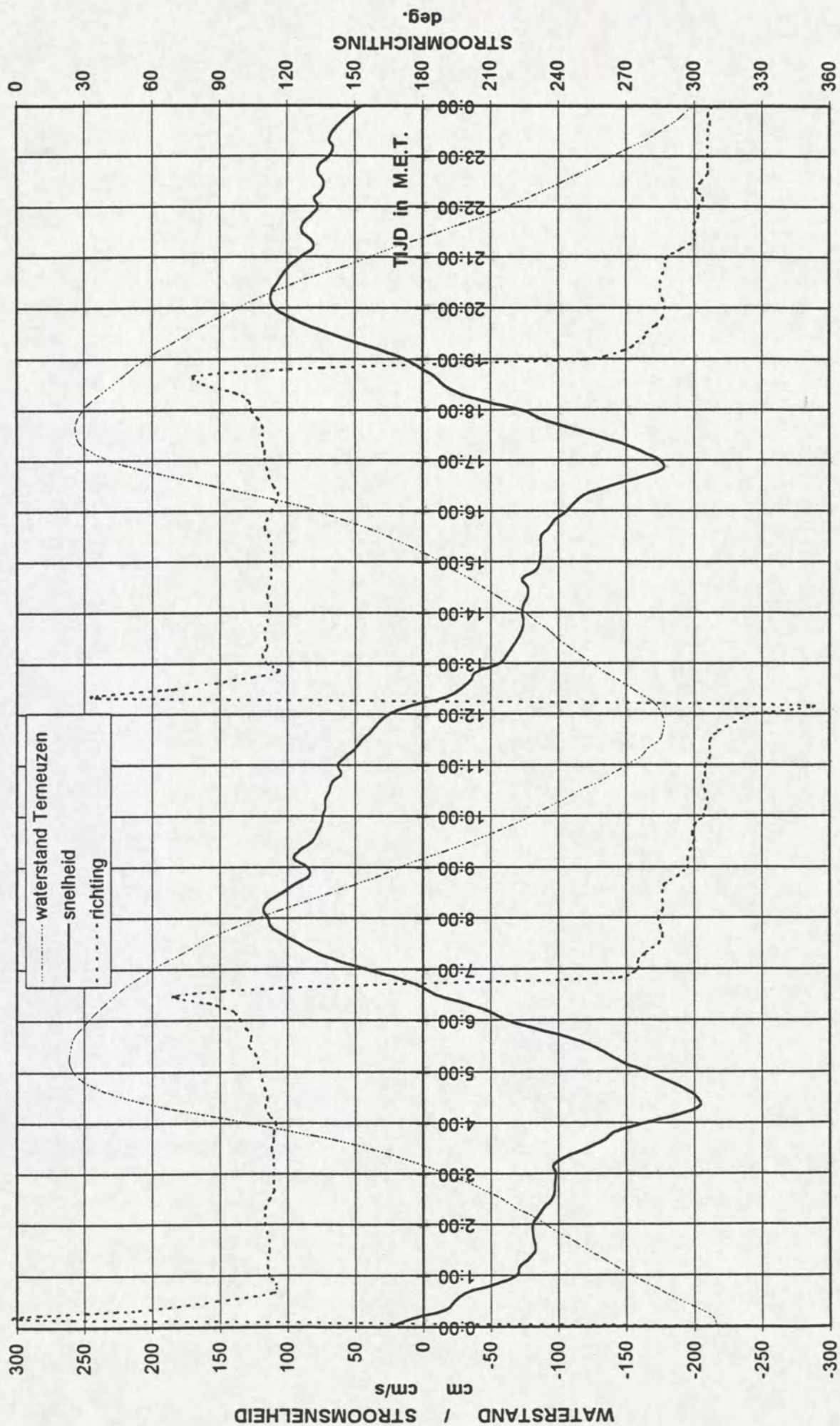


Debietraai 7 meetpunt OSM 2
15 augustus 1999



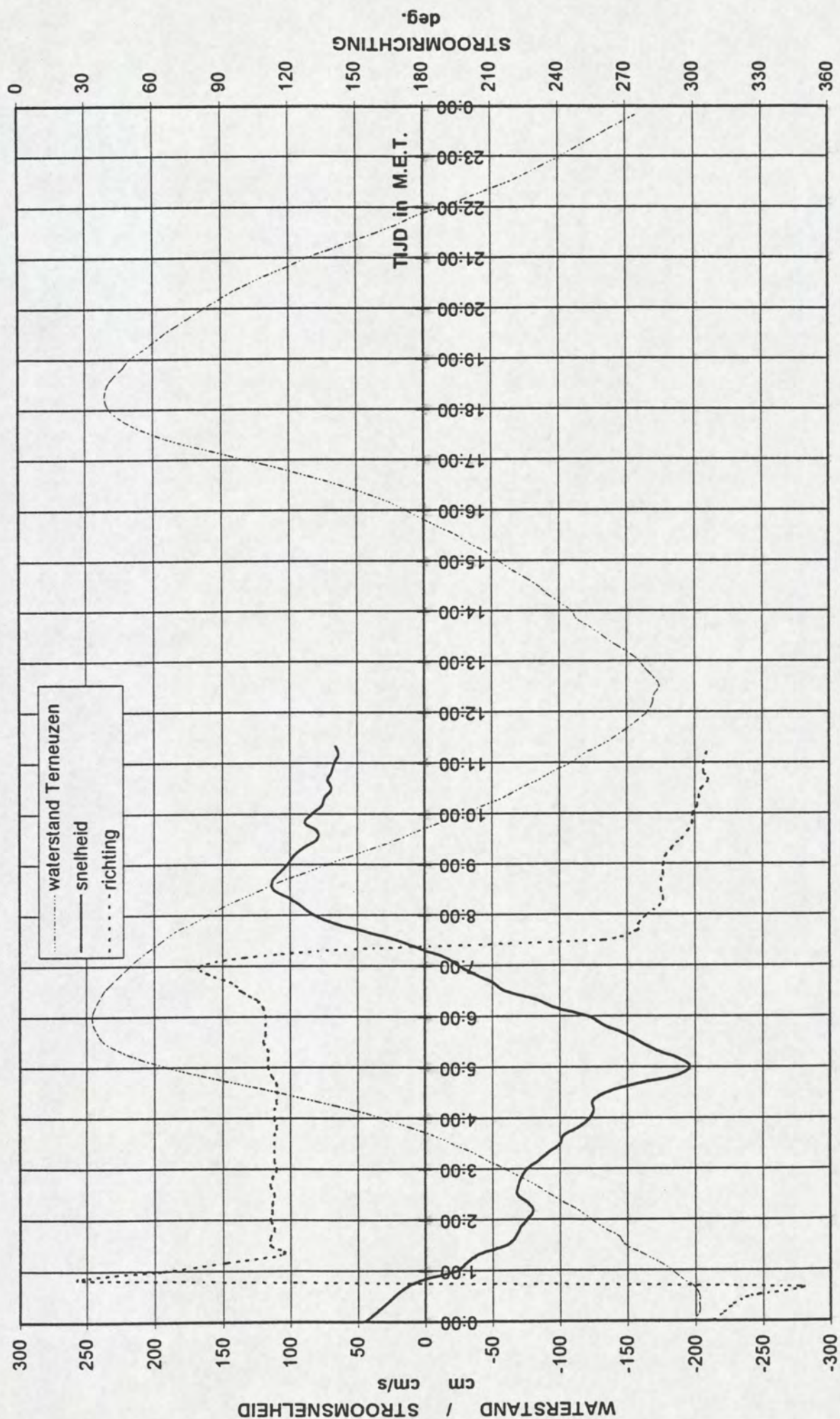
Debietraai 7 meetpunt OSM 2

16 augustus 1999



Debietraai 7 meetpunt OSM 2

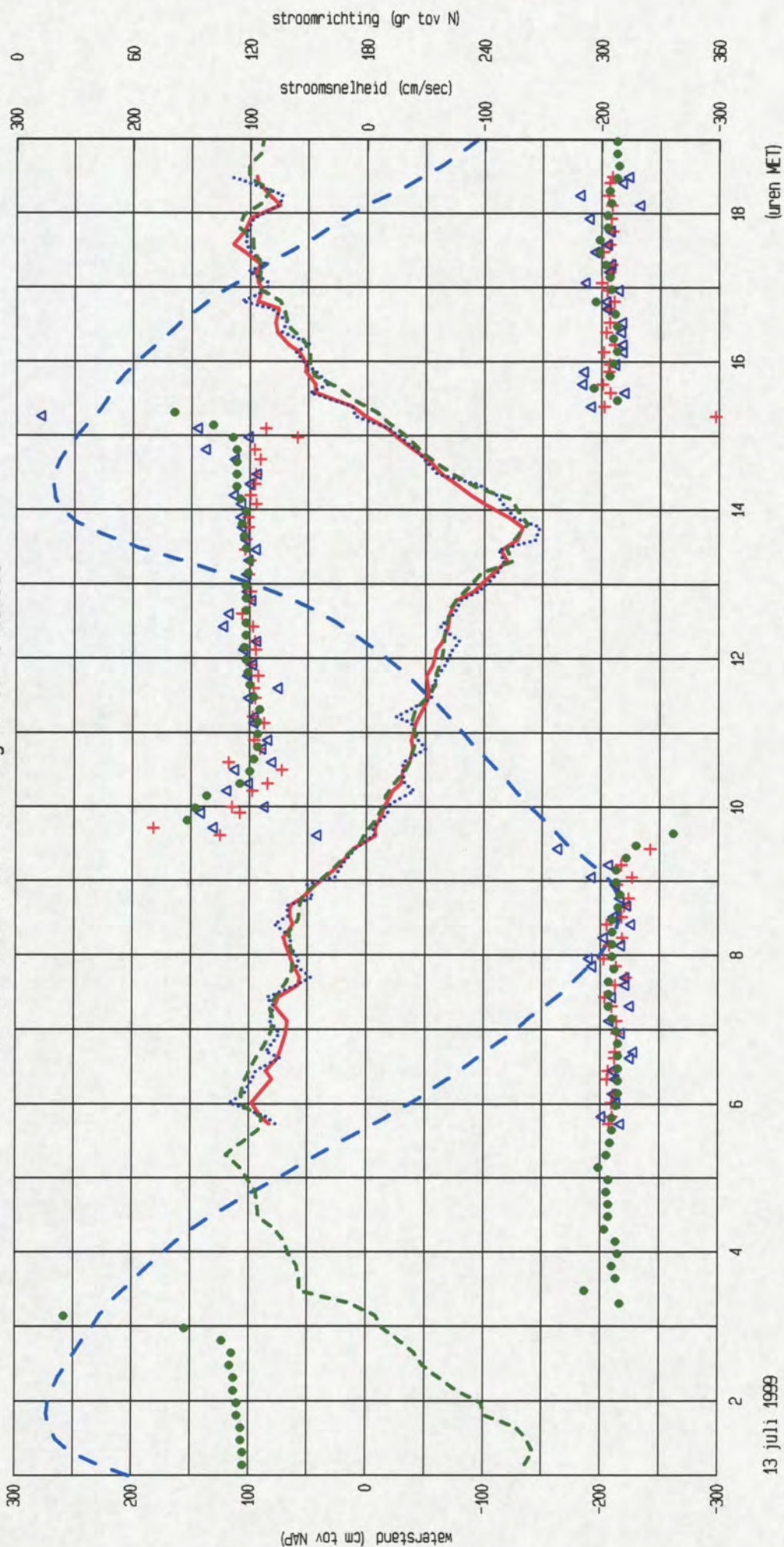
17 augustus 1999



19. Controlemetingen

Pas van Terneuzen Raai 7 dd 13 juli 1999

stroomsnelheid en -richting in de vertikaal



meetpunt : MP01
 positie : x = 43900
 y = 375330
 bodem : NAP - 14.93 m

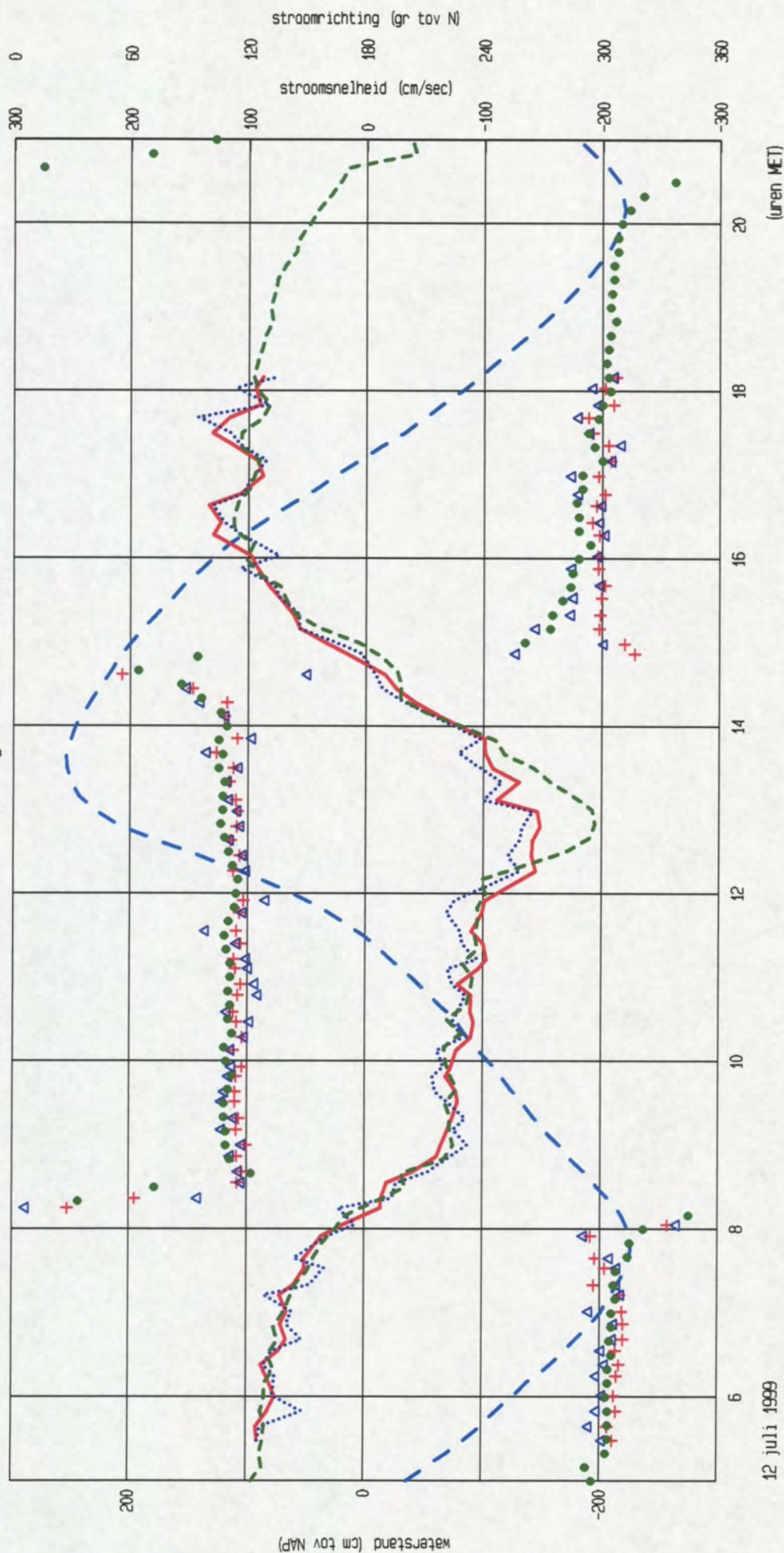
— V gemiddeld mp MP01
 V bodem + 6.2 meter mp MP01
 - - - LOKATIE OSM SNELHEID
 - - - LOKATIE OSM RICHTING

+ + R gemiddeld mp MP01
 Δ Δ R bodem + 6.2 meter mp MP01
 ● ● LOKATIE OSM RICHTING

13 juli 1999

Everingen Raai 7 dd 12 juli 1999

stroomsnelheid en -richting in de vertikaal



V gemiddeld mp MP02
V bodem + 5.6 meter mp MP02
LOKATIE OSM SNELHEID
waterstand (cm tov NAP)

meetpunt : MP02
positie : x = 44960
y = 37750
bodem : NAP - 19.29 m

+ + R gemiddeld mp MP02
+ + R bodem + 5.6 meter mp MP02
+ + LOKATIE OSM RICHTING