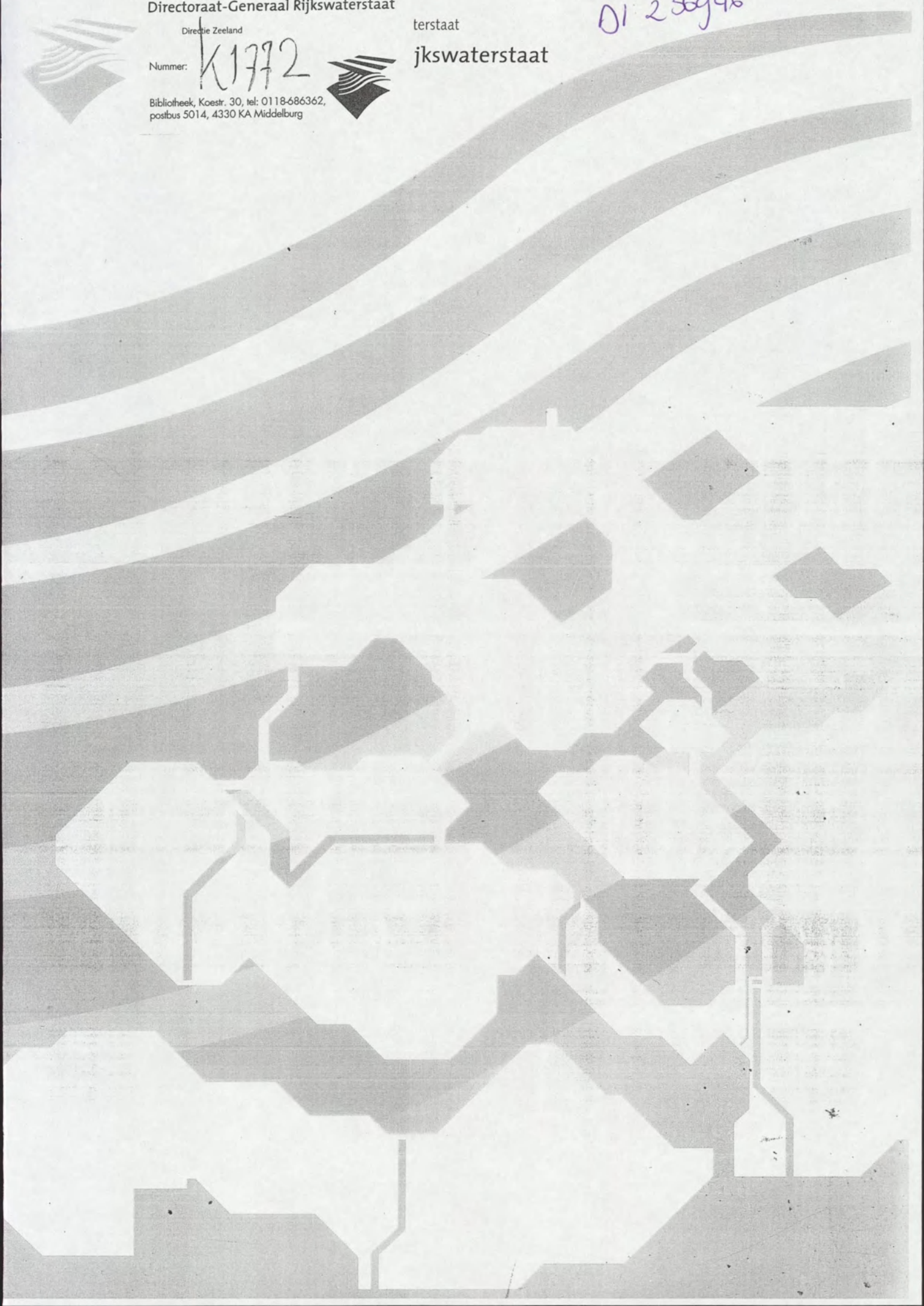


K1772

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



DI 236946



Stroom- en sedimentmetingen

Westerschelde Raai - 7

11 en 12 augustus 1999

● ○

Meetdienst Zeeland

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 verticale 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	K_t 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).

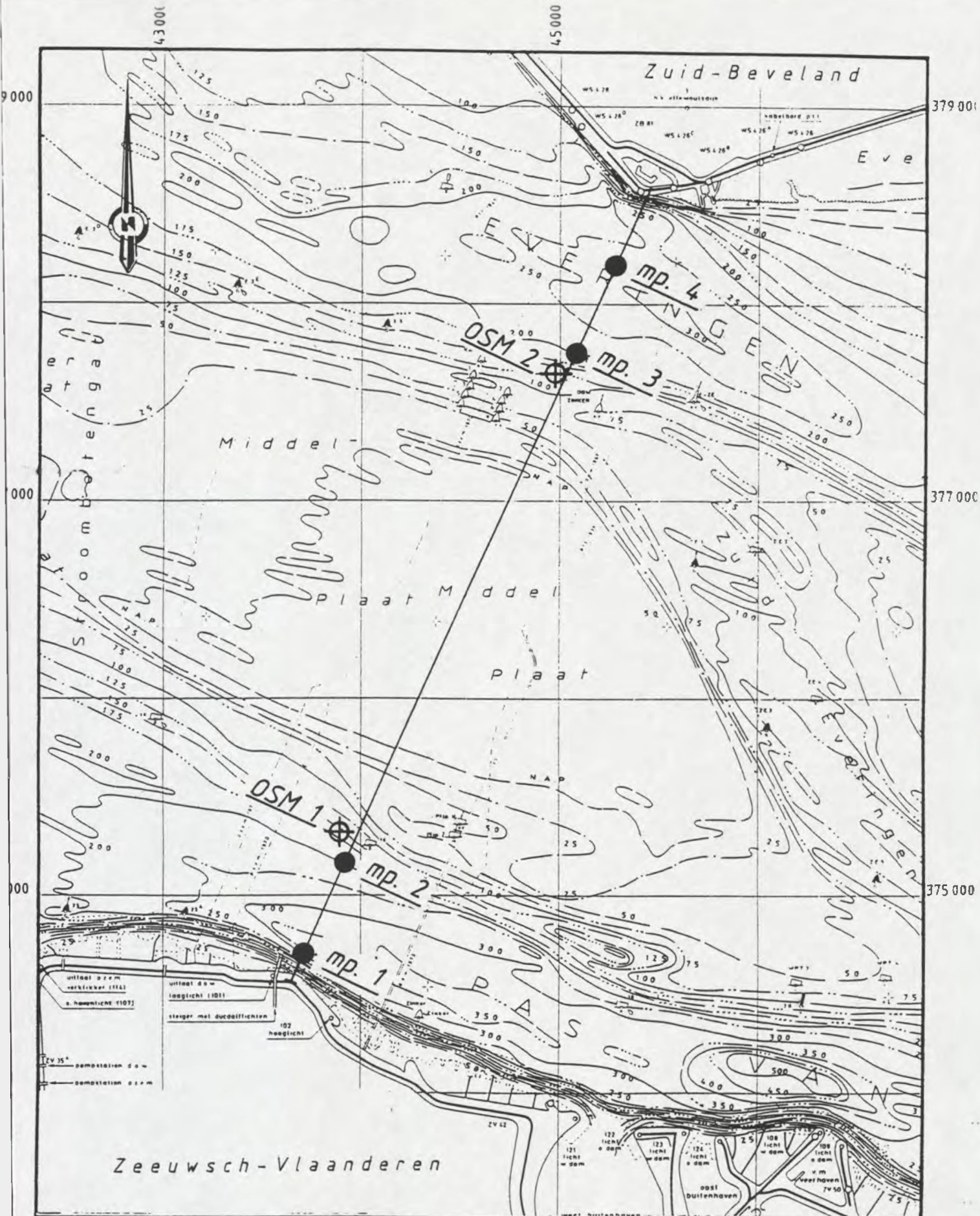
*** Stroommeting (OSM)**

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

get.		bijl. 1
gec.	code	0415M9901
gez.	schaal	1:25.000
akk.		nr.

Situatie Debietraai 7
Sedimentmeting: 11 en 12 augustus 1999
Stroommeting: 28 juni t/m 17 augustus 1999

DEBIETRAAI 7

0415M9901

eindpunt

45448.008
378580.969

Everingen

Deelraai - 2

tr 250
23.9070 deg. 4387.410 meters

43441.44
374671.31

AS pr

Pas van Terneuzen

Deelraai - 1

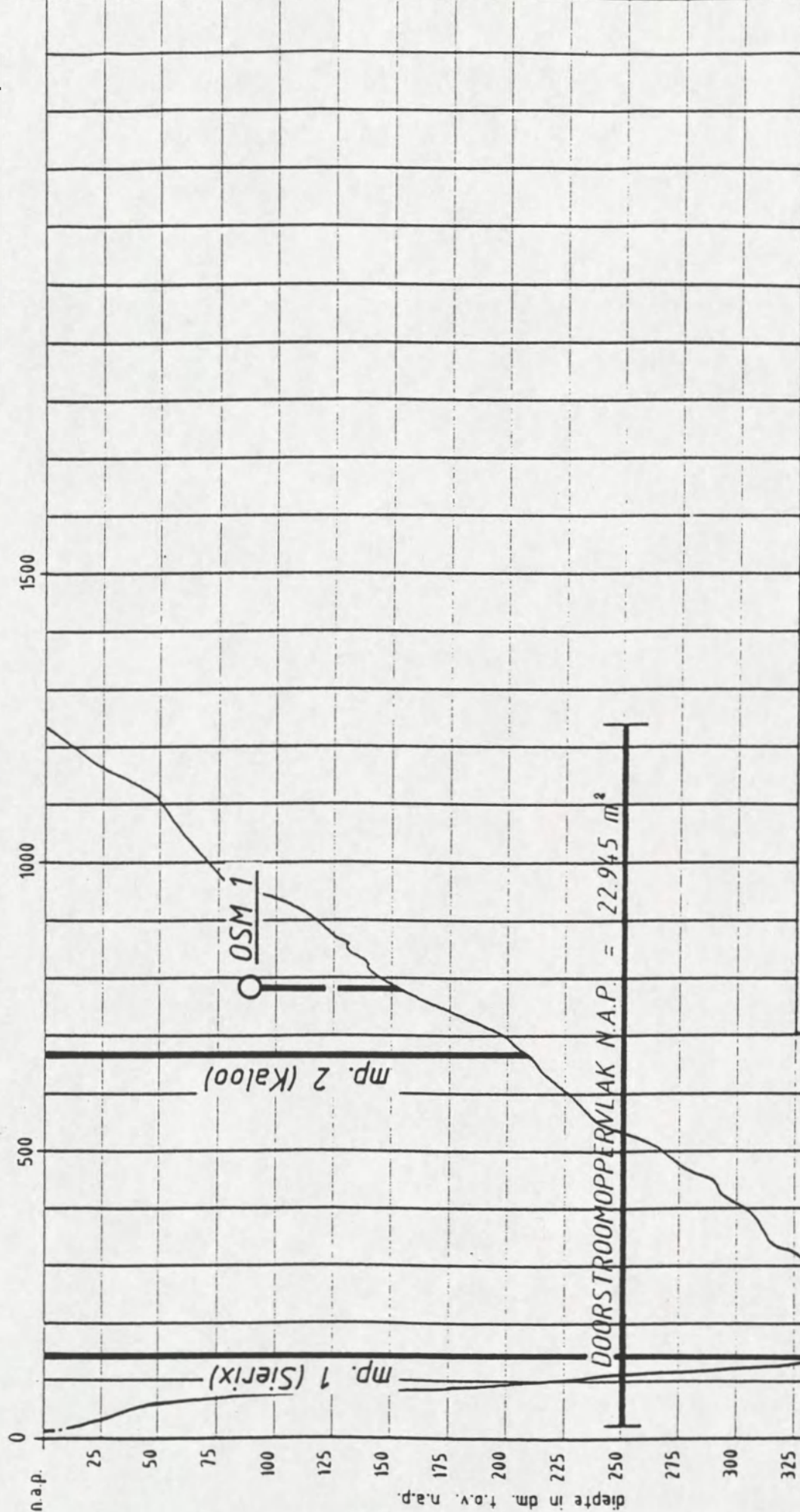
43670.00
374570.00
nulpunt

tr 0

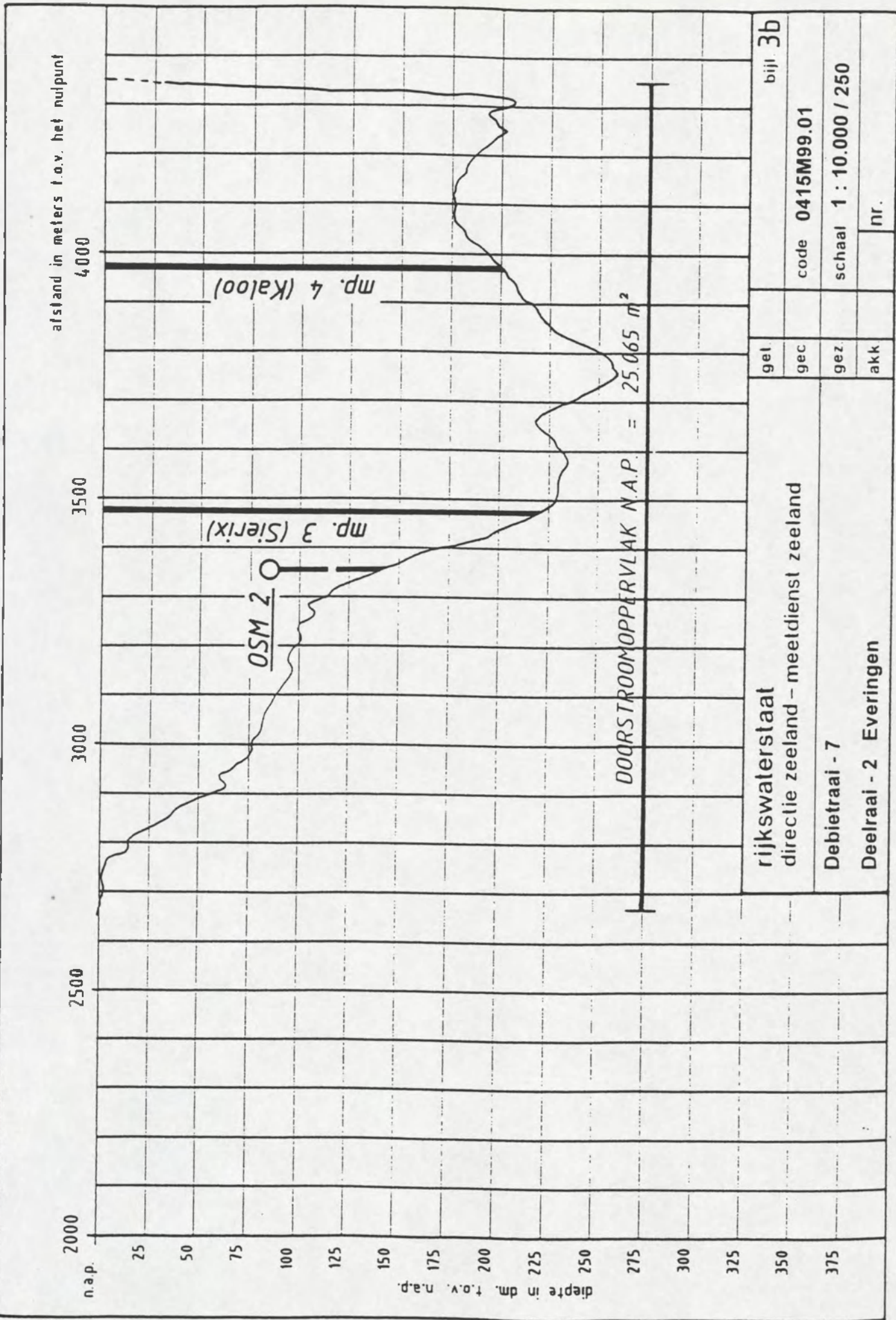
43898.55
374468.68



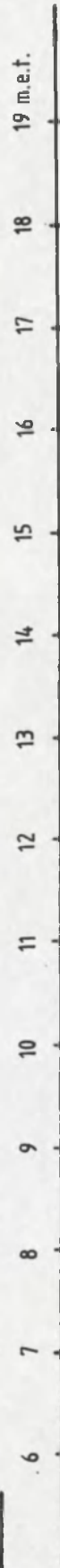
afstand in meters t.o.v. het nulpunt



rijkswaterstaat		biji 3a	
directie zeeland - meetdienst zeeland		get	code 0415M99.01
Debietraai - 7		gec	schaal 1 : 10.000 / 250
Deelraai - 1 Pas van Terneuzen		gez	nr.
		akk	



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



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

get. gec. gez. akk.

code 0415M9901

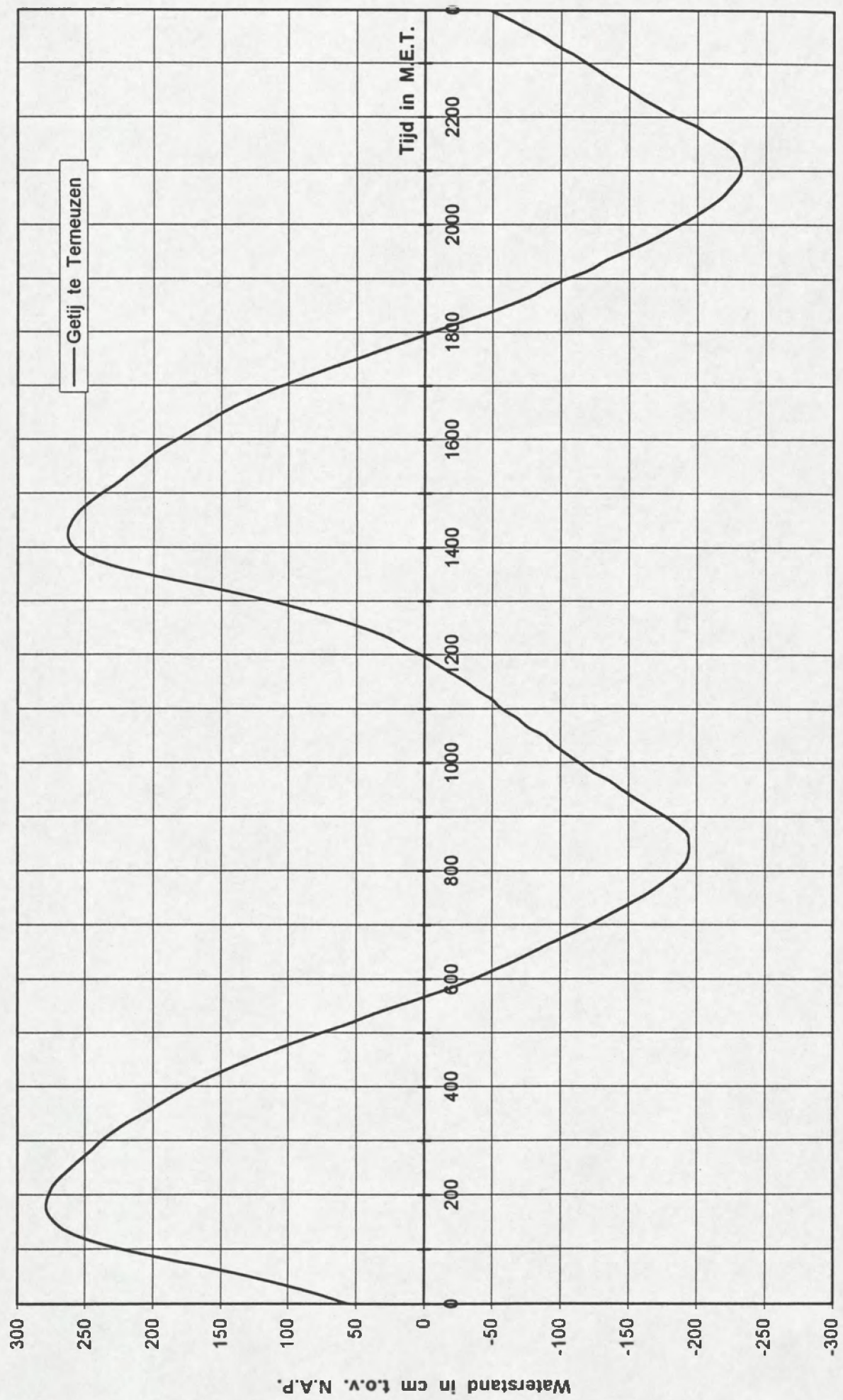
schaal

nr.

bijl. 4

5. Opgetreden getij

Opgetreden getij te Terneuzen op 11 augustus 1999



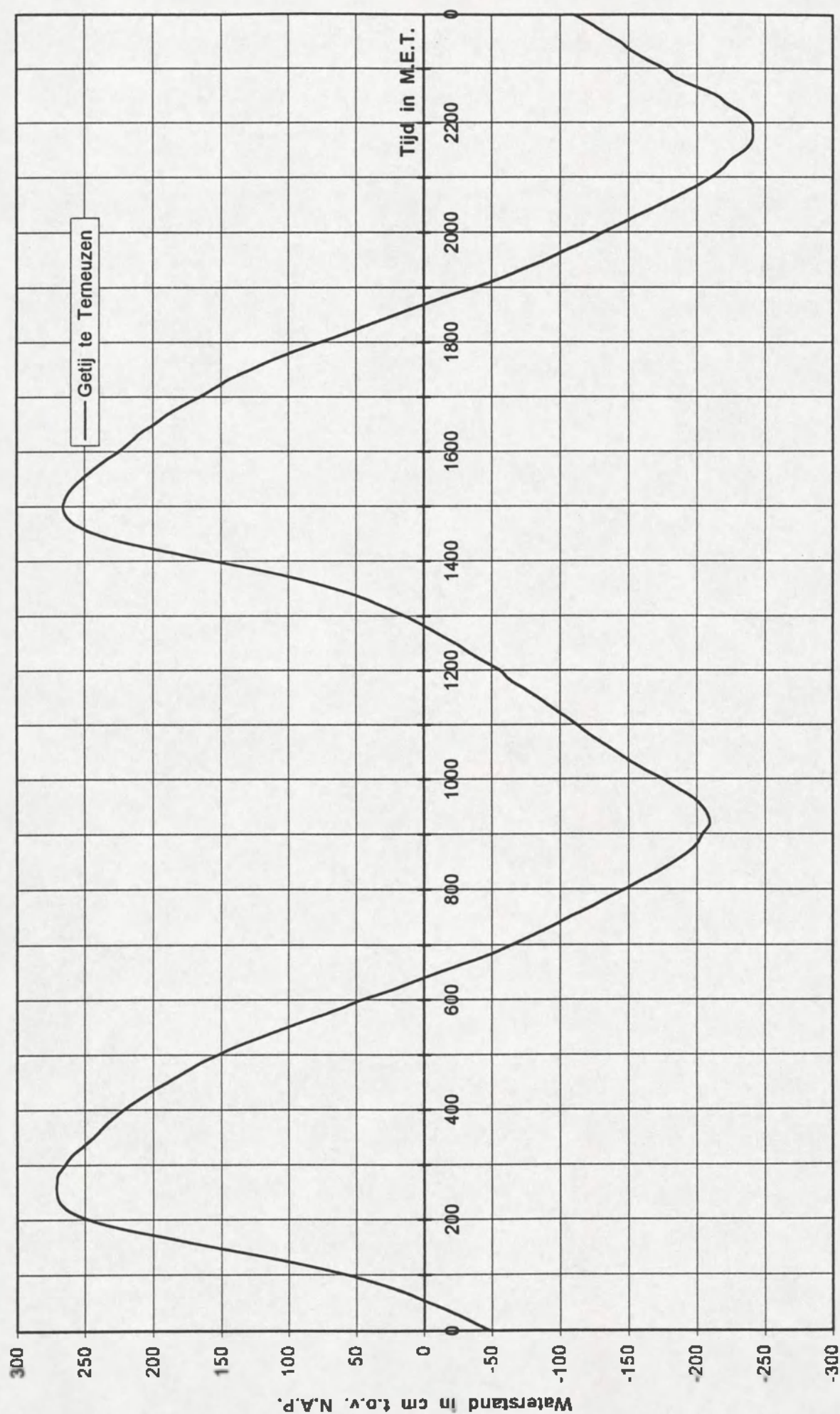
Hydro
Meteo
Centrum
Zeeland

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

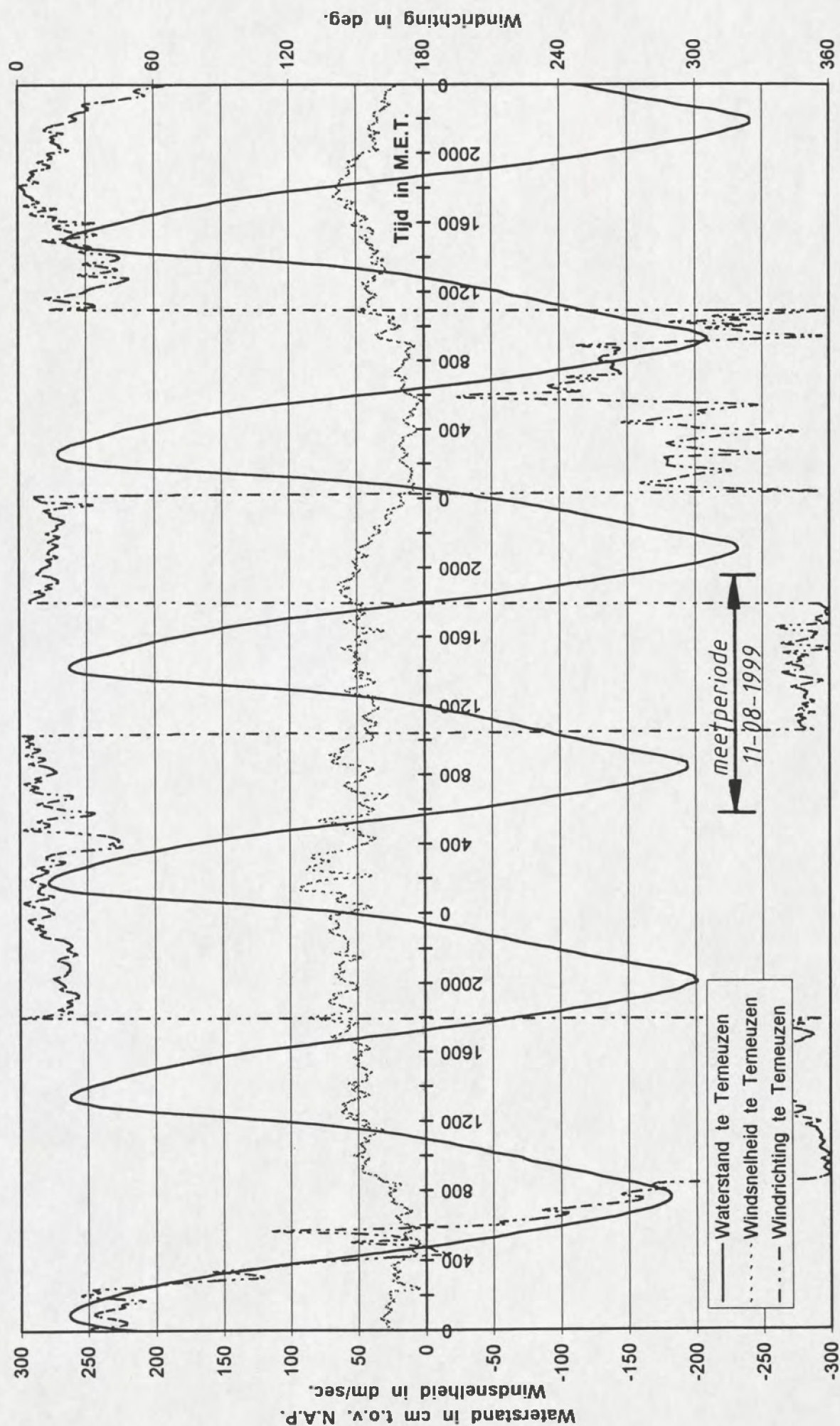
van: do 12-aug-1999
tot: do 12-aug-1999
blad: 1 van 1

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

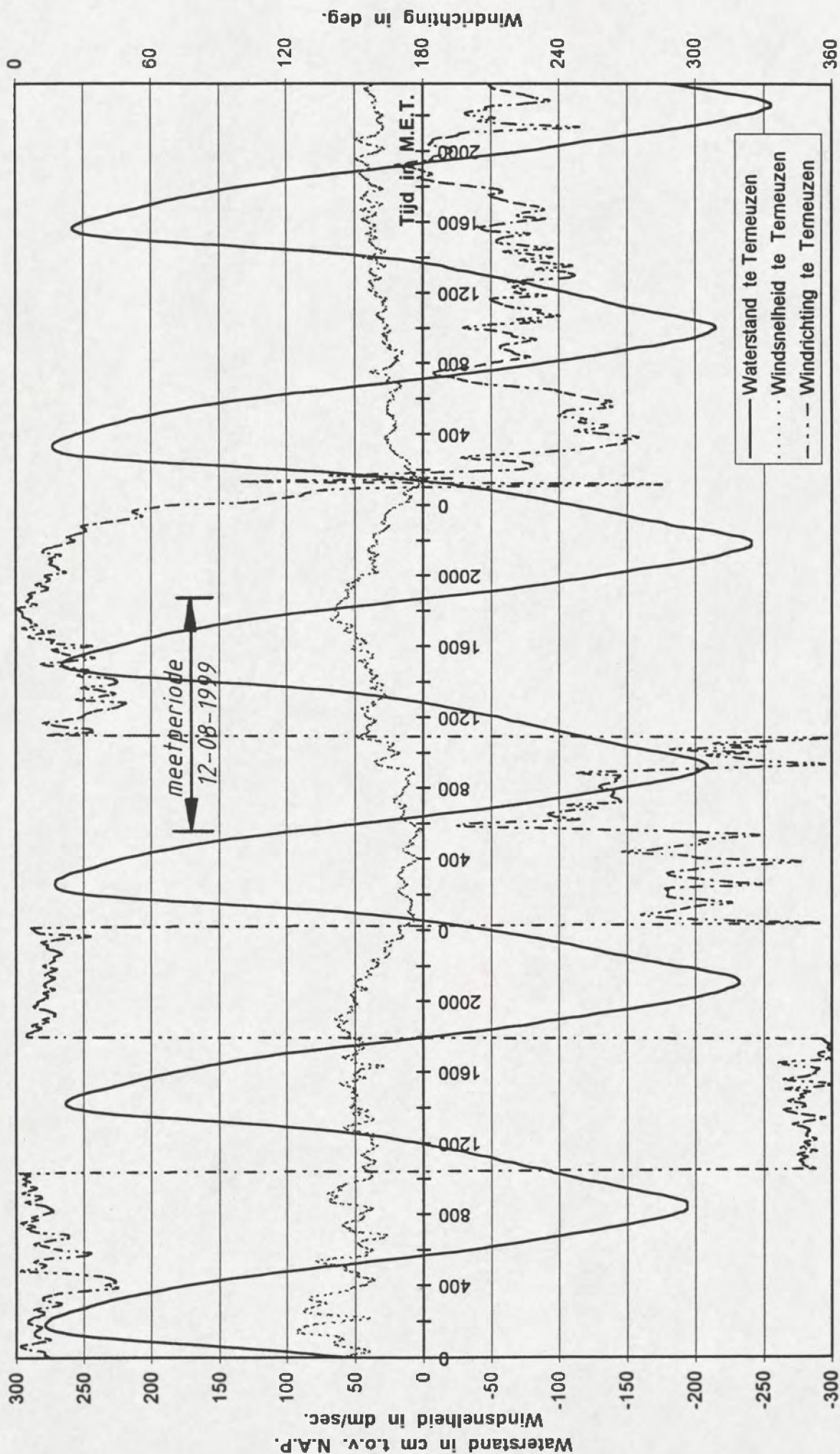
MET	:00	:10	:20	:30	:40	:50
0:00	-48	-34	-20	-4	13	33
1:00	57	86	119	155	190	223
2:00	247	262	269	271	271	270
3:00	265	260	252	244	237	230
4:00	222	212	202	190	179	167
5:00	153	138	120	102	83	63
6:00	46	26	8	-10	-29	-49
7:00	-64	-79	-93	-106	-120	-133
8:00	-147	-159	-172	-183	-193	-200
9:00	-204	-209	-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

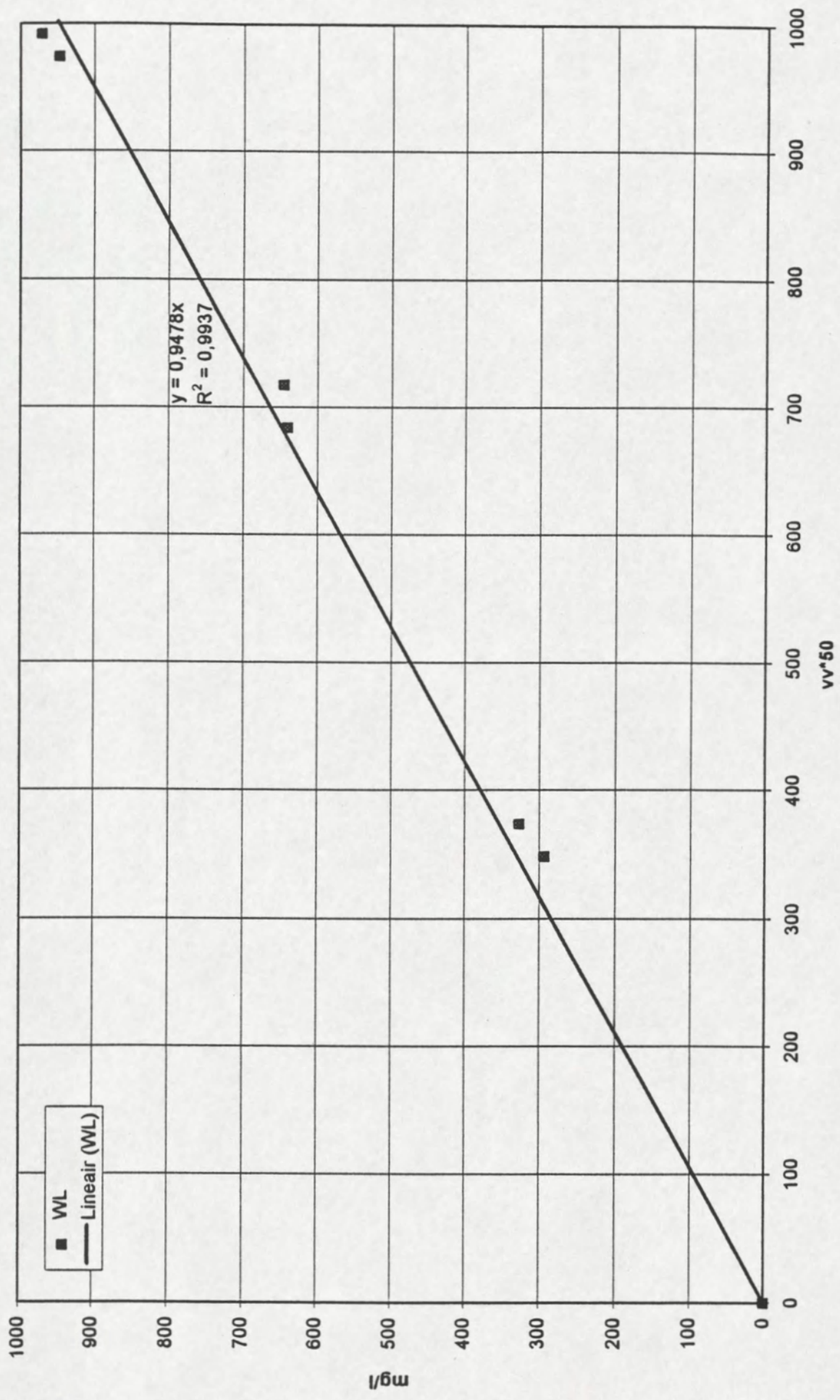


Getij en Wind gegevens van 11 t/m 13 augustus 1999

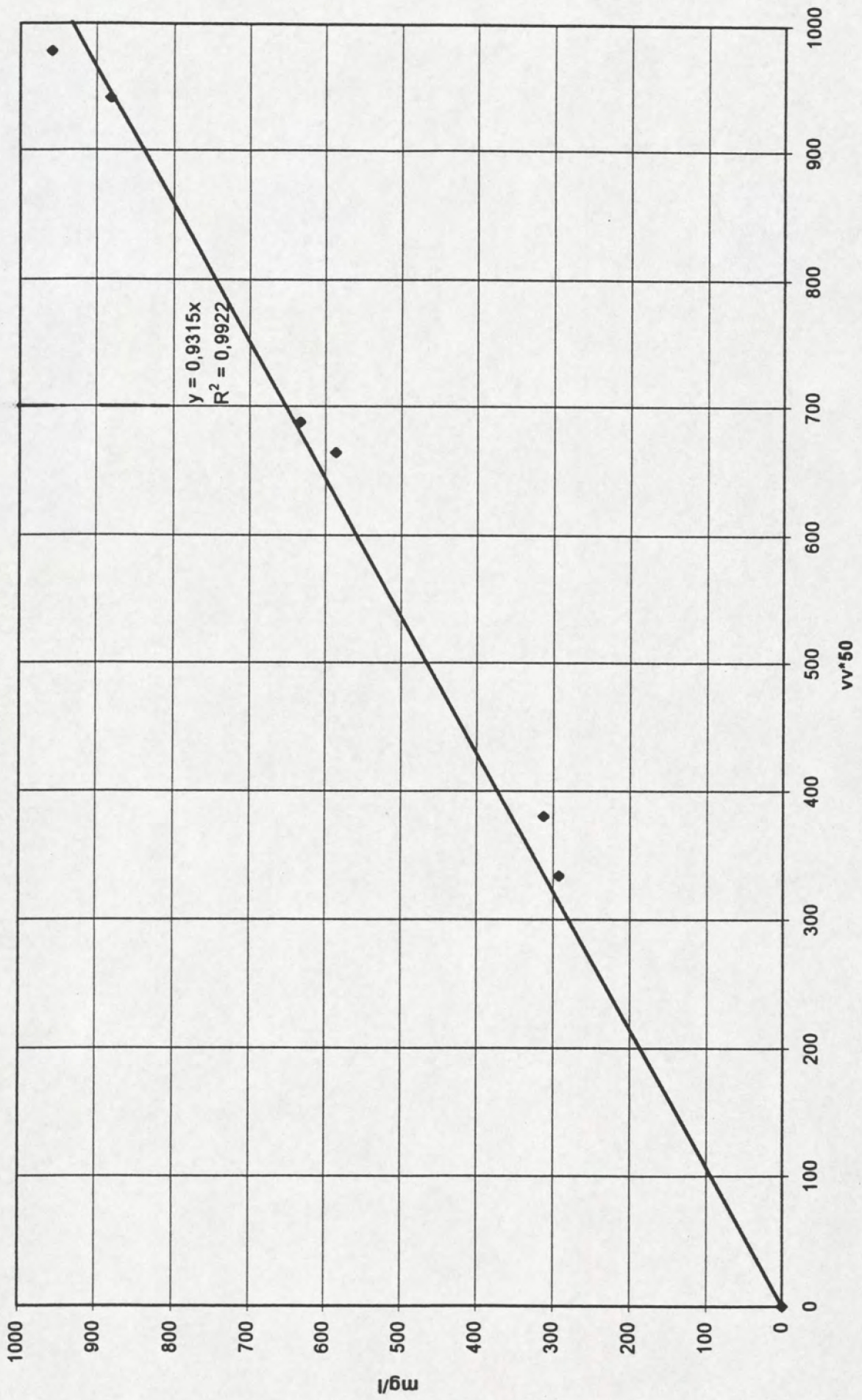


7. IJklijnen AZTM

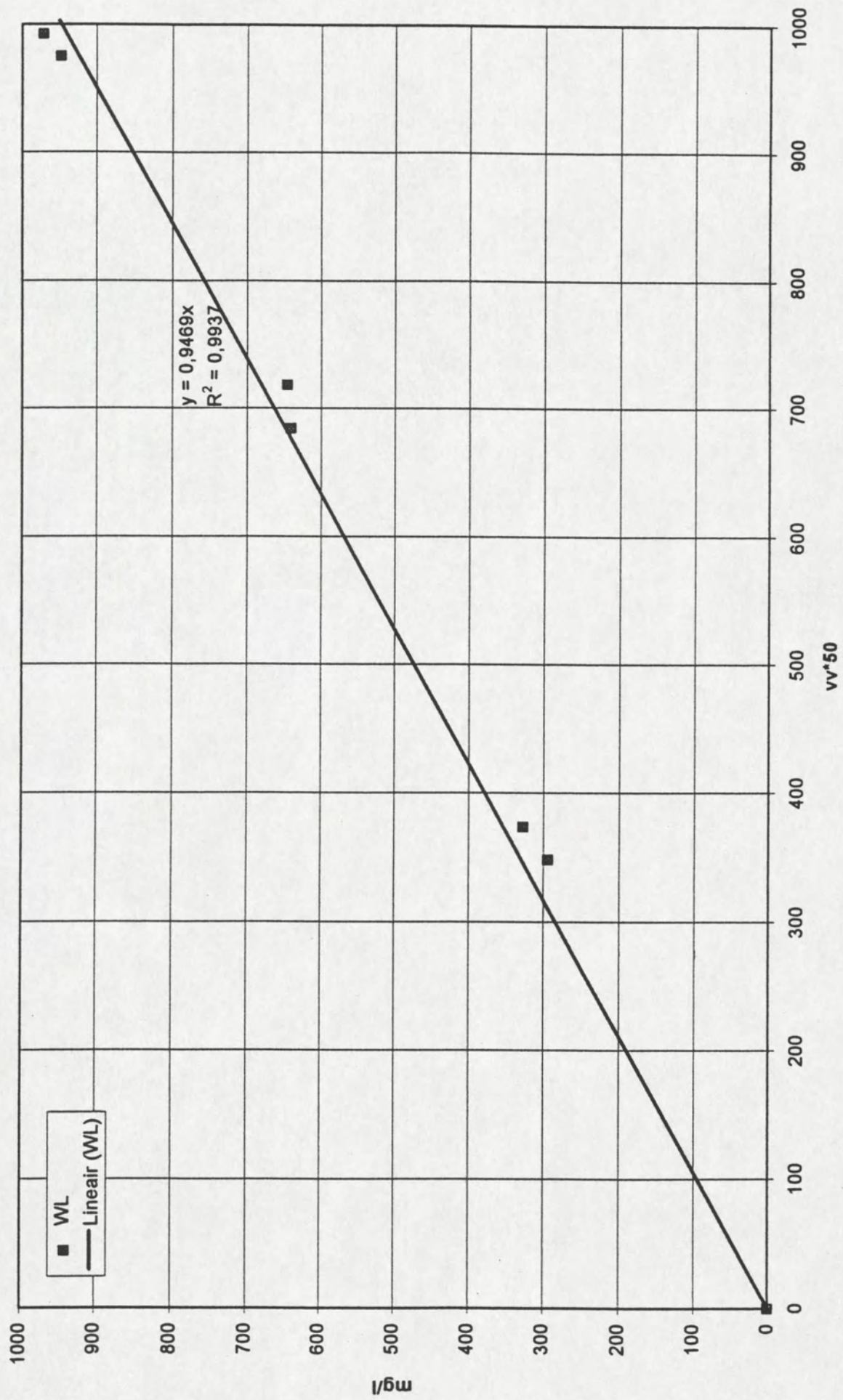
Sierix 12 augustus 1999
raai 7 meetpunt 1
AZTM-nr. 007



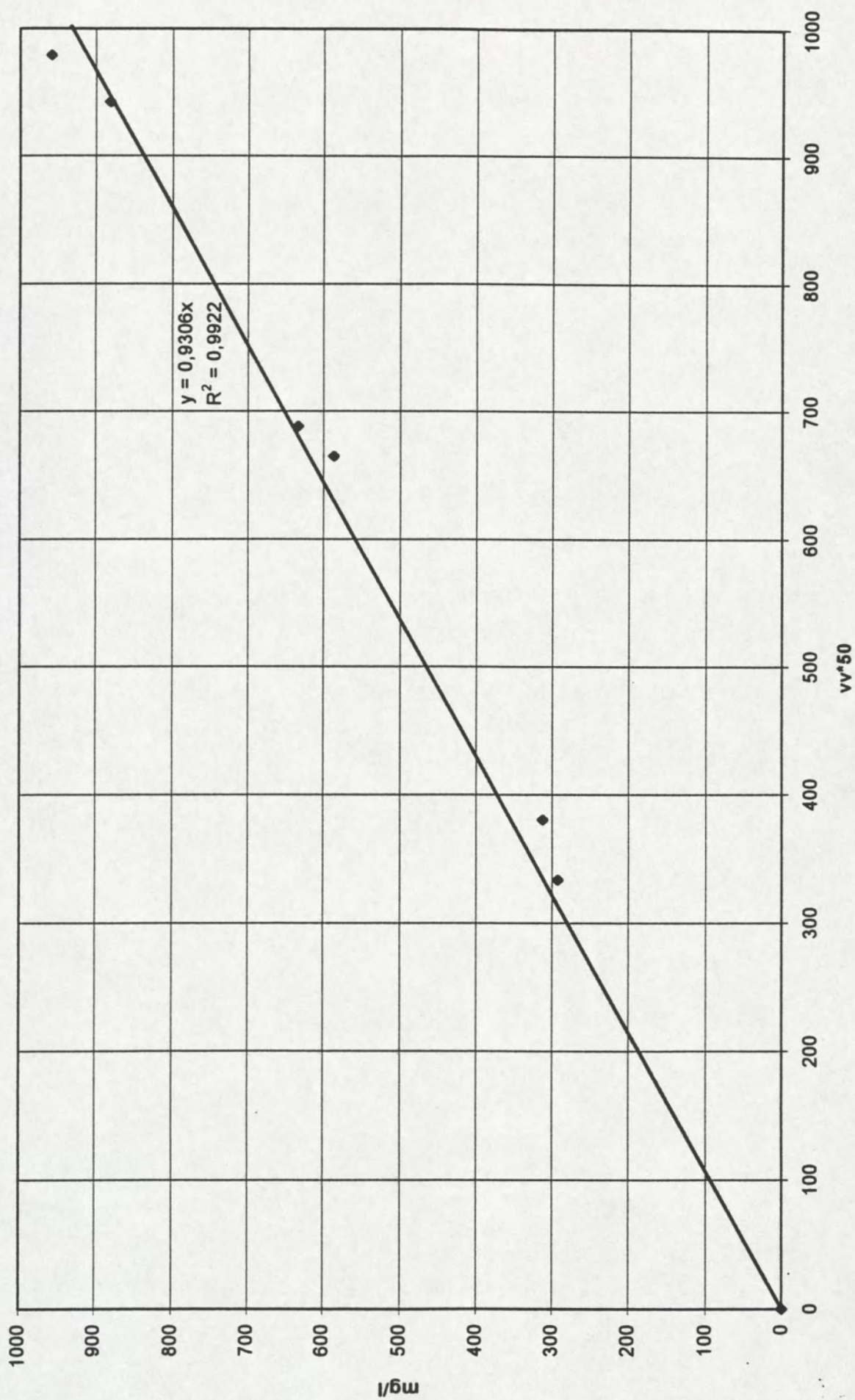
Kaloo 12 augustus 1999
raai 7 meetpunt 2
AZTM-nr. 005



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

Meeldienst Zeeland

Raai naam : Debietraai 7
 Datum Opname : 12/08/1999
 Streefvoetmaat : 669
 Vaartuig : Kallio MP. 2

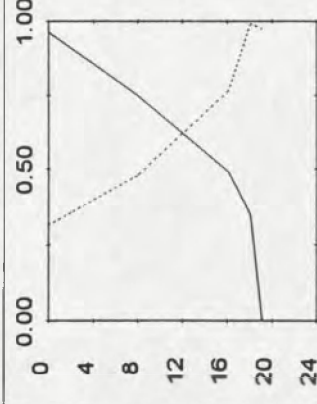
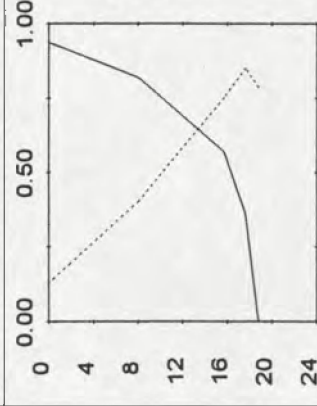
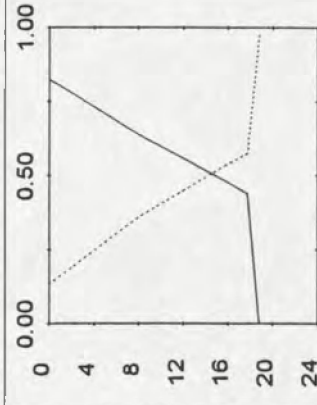
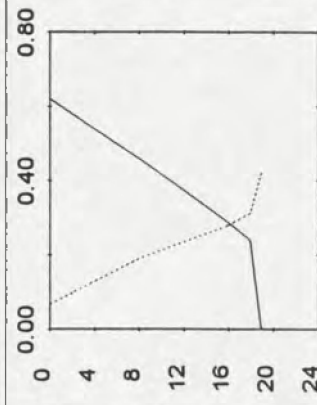
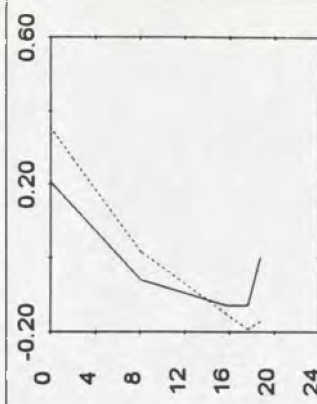
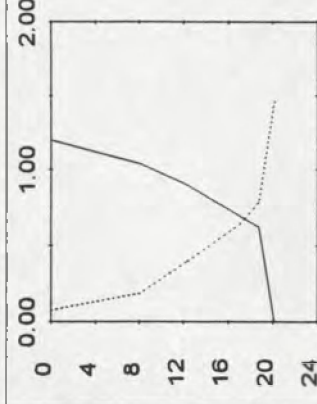
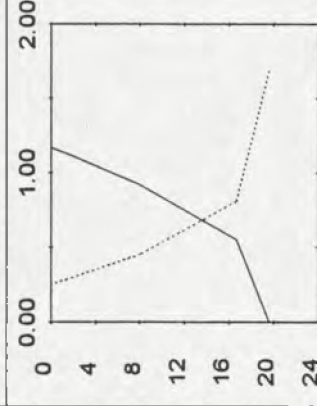
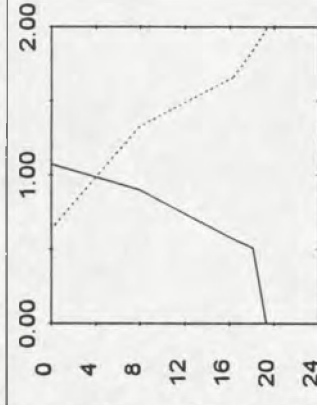
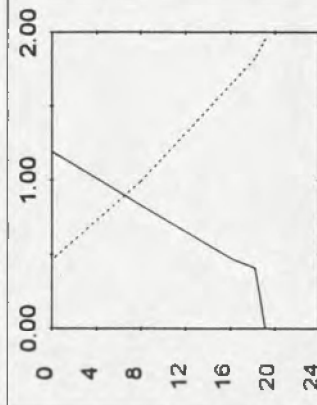
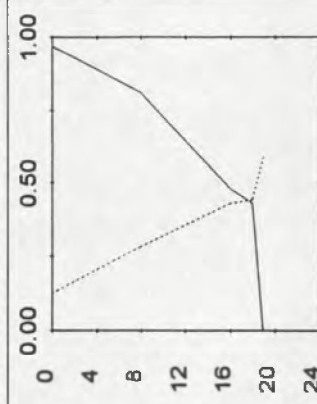
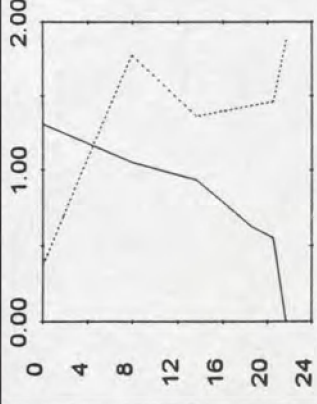
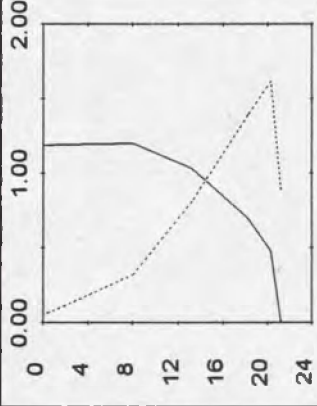
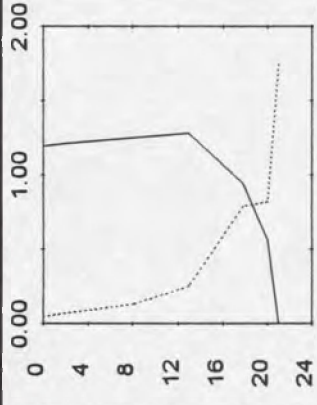
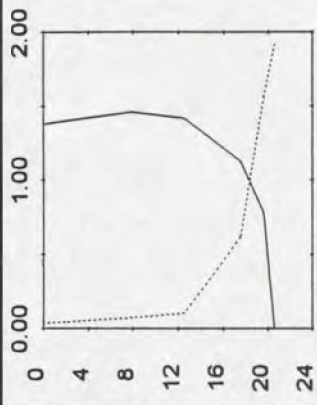
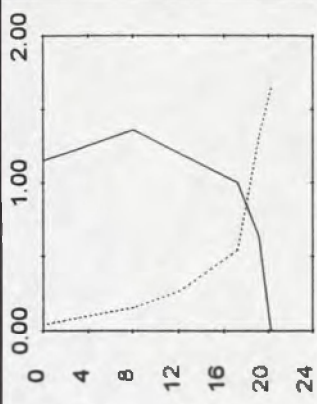
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 Vgem :
 Rtggem :
 Bodem :

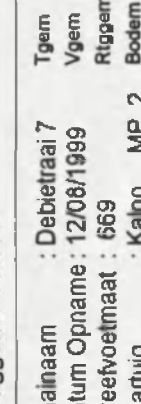
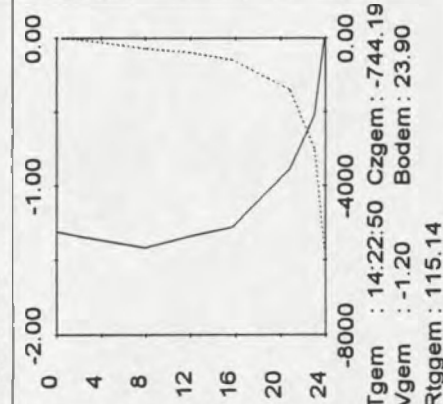
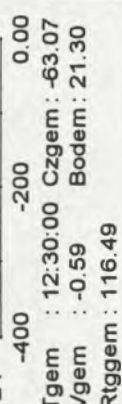
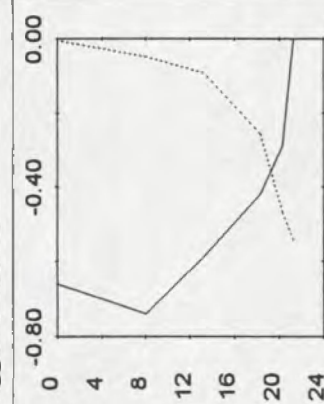
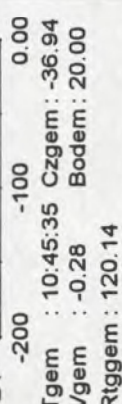
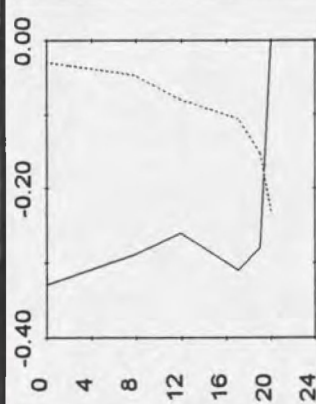
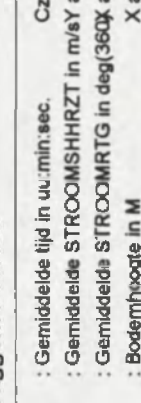
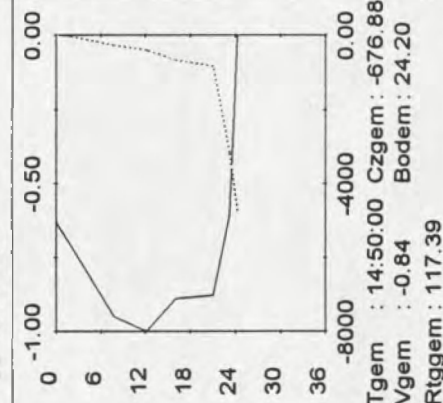
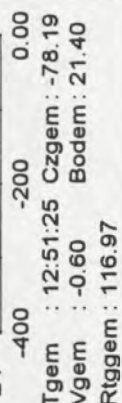
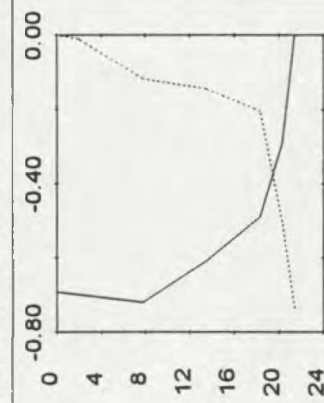
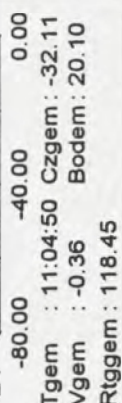
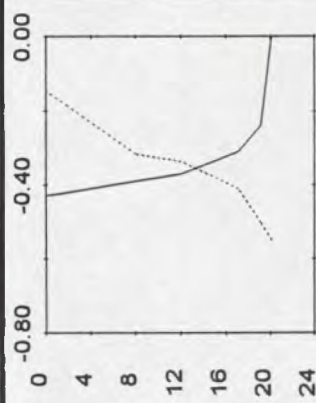
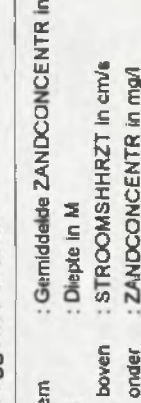
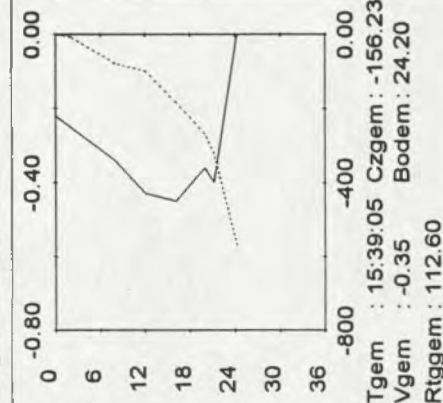
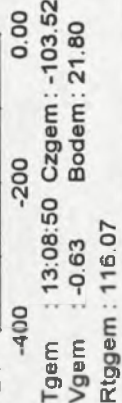
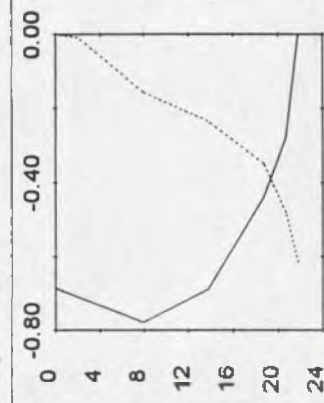
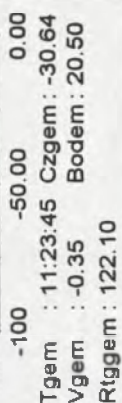
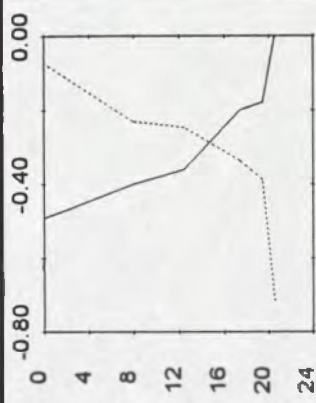
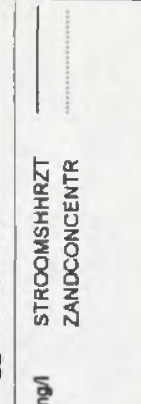
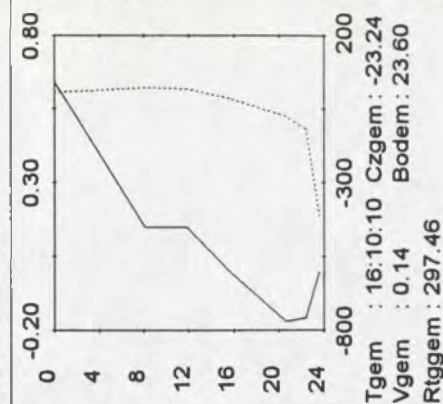
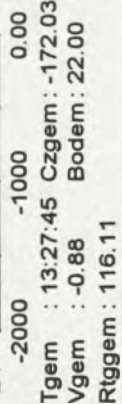
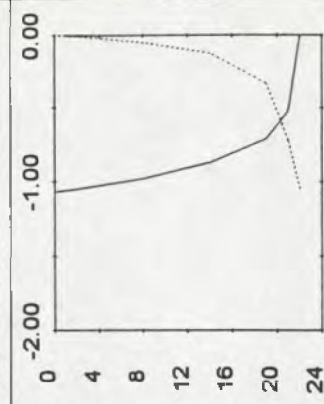
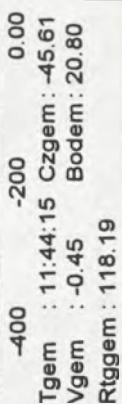
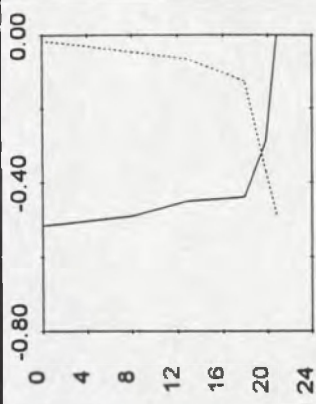
Gemiddelde tijd in uur:min:sec.
 Gemiddelde STROOMSHRZT in m/s
 Gemiddelde STROOMRTG in deg(360) as boven
 Bodemhoogte in M

Czgem :
 as

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

STROOMSHRZT
 ZANDCONCENTR





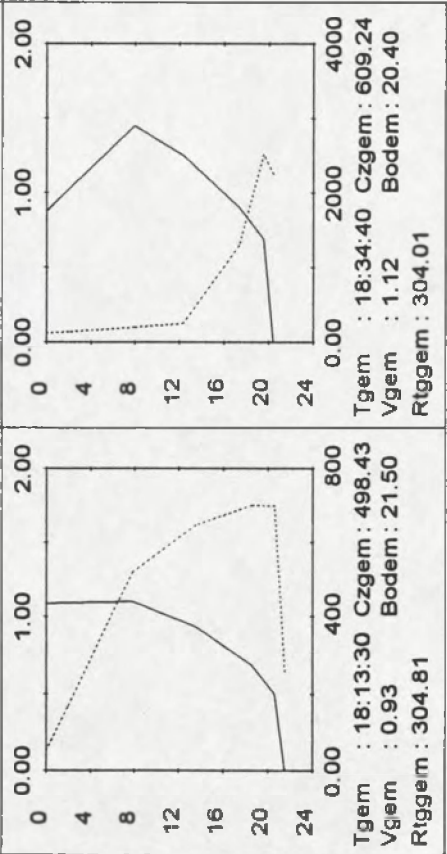
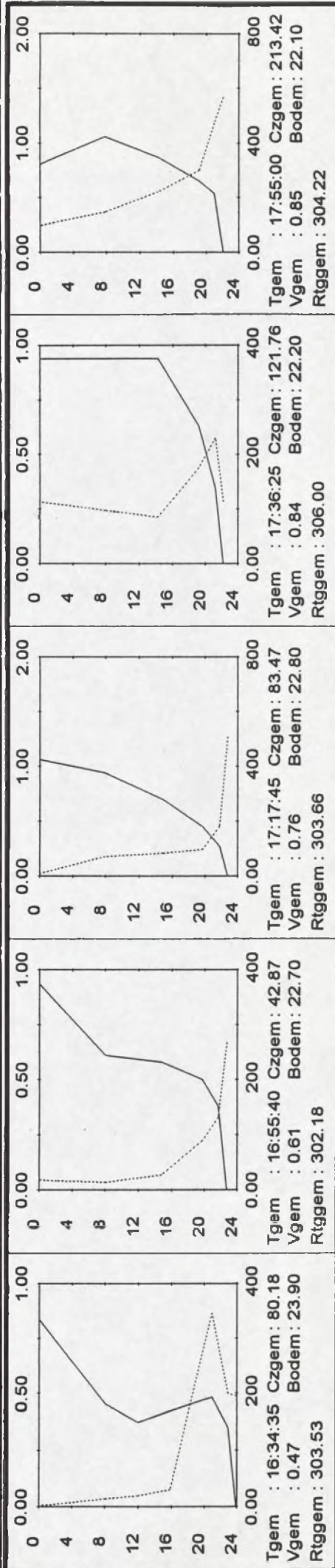
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai 7
Datum Opname : 12/08/1999
Streefvoetmaat : 559
Vaartuig : Kaloo MP.

Tgem	: Gemiddelde tijd in uur:min:sec.	Czgem
Vgem	: Gemiddelde STROOMSHRZT in m/s/y as	
Rlggem	: Gemiddelde STROOMRTG in deg(360X as boven	
Bodem	: Bodemdiepte in M	X as onder

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

STROOMSHRZT
ZANDCONCENTR

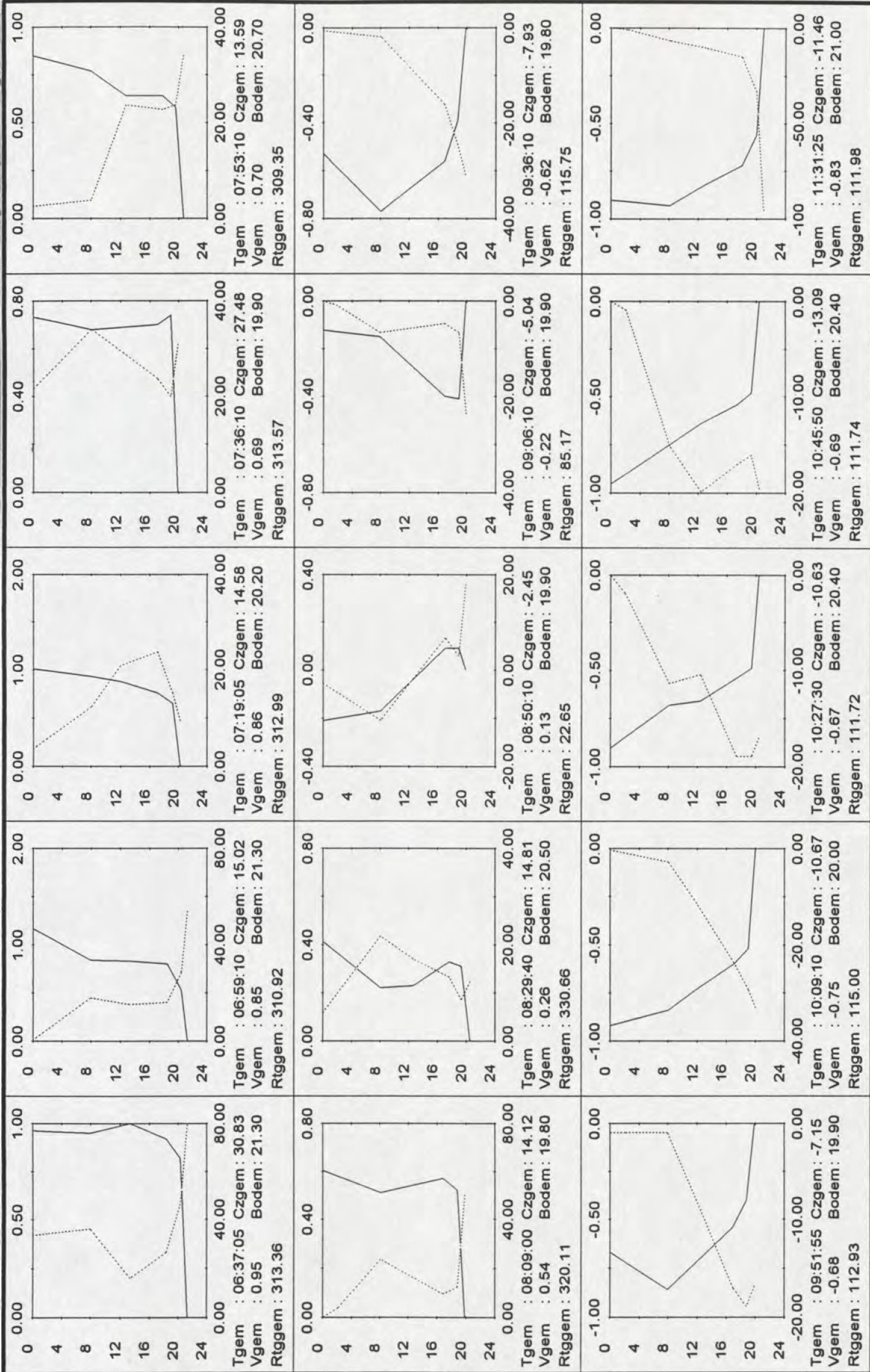


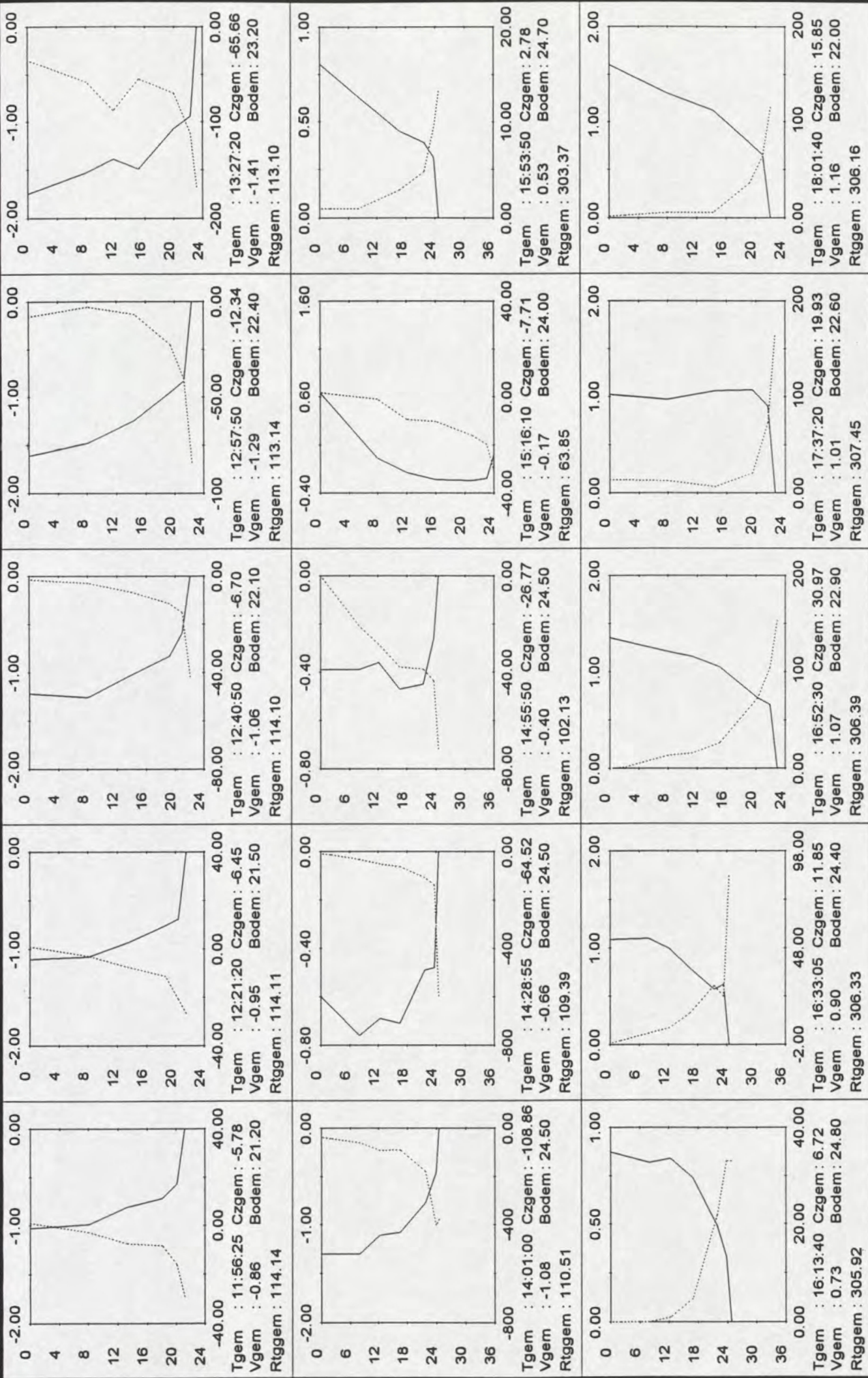
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raanaam : Debietraal 7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : Kaloo MP. 2

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

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





Rijkswaterstaat

Directie Zeeland

Meetdienst Zeeland

Raai naam : Debietraal 7

Datum Opname : 11/08/1999

Streefvoetmaat : 3477

Vaartuig : Sierix

Tgem : 11:56:25

Vgem : -0.86

Rtggem : 114.14

Bodem : 21.20

Tgem : 12:21:20

Vgem : -0.95

Rtggem : 114.11

Bodem : 21.50

Tgem : 12:40:50

Vgem : -1.06

Rtggem : 114.10

Bodem : 22.10

Tgem : 12:57:50

Vgem : -1.29

Rtggem : 113.14

Bodem : 22.40

Tgem : 13:27:20

Vgem : -1.41

Rtggem : 113.10

Bodem : 23.20

Tgem : 14:01:00

Vgem : -1.08

Rtggem : 110.51

Bodem : 24.50

Tgem : 14:28:55

Vgem : -0.66

Rtggem : 109.39

Bodem : 24.50

Tgem : 14:55:50

Vgem : -0.40

Rtggem : 102.13

Bodem : 24.50

Tgem : 15:16:10

Vgem : -0.17

Rtggem : 63.85

Bodem : 24.00

Tgem : 15:53:50

Vgem : 0.53

Rtggem : 303.37

Bodem : 24.70

Tgem : 16:33:05

Vgem : 0.90

Rtggem : 306.33

Bodem : 24.40

Tgem : 16:52:30

Vgem : 1.07

Rtggem : 306.39

Bodem : 22.90

Tgem : 17:37:20

Vgem : 1.01

Rtggem : 307.45

Bodem : 22.60

Tgem : 18:01:40

Vgem : 1.16

Rtggem : 306.16

Bodem : 22.00

Tgem : 18:13:40

Vgem : 0.73

Rtggem : 305.92

Bodem : 24.80

Tgem : 18:27:20

Vgem : 1.16

Rtggem : 306.16

Bodem : 22.00

Tgem : 18:37:20

Vgem : 1.01

Rtggem : 307.45

Bodem : 22.60

Tgem : 18:52:30

Vgem : 1.07

Rtggem : 306.39

Bodem : 22.90

Gemiddelde ZANDCONCENTR in mg/l

Gemiddelde STROOMSHHRZT in m/s

Gemiddelde STROOMRTG in deg(360X as boven

Gemiddelde tijd in uur:min:sec

Gemiddelde STROOMSHHRZT in m/sY as

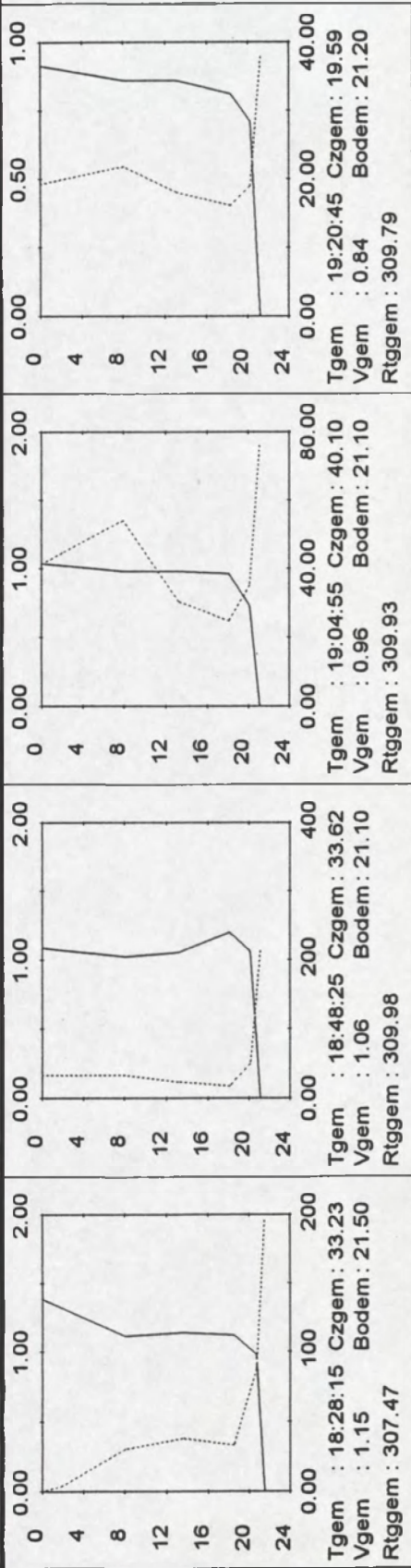
Gemiddelde STROOMRTG in deg(360X as boven

Bodemhoogte in M

X as onder

STROOMSHHRZT

ZANDCONCENTR



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debietraai 7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : Sienx MP. 3

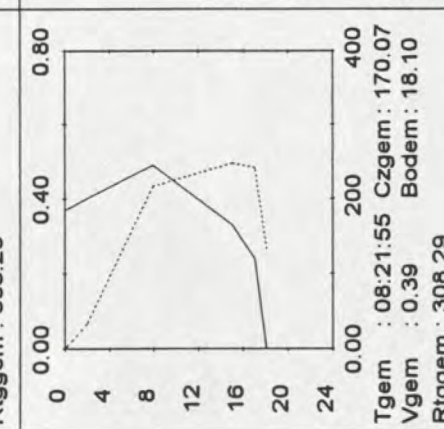
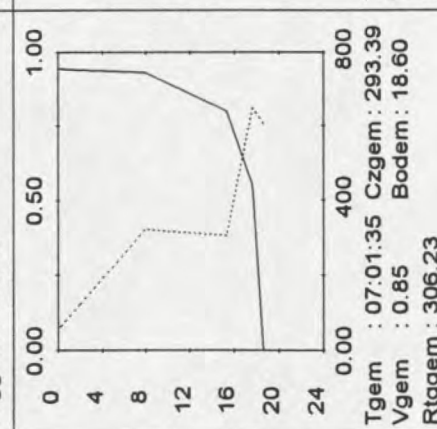
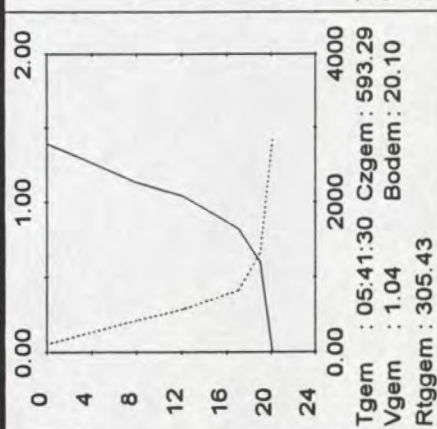
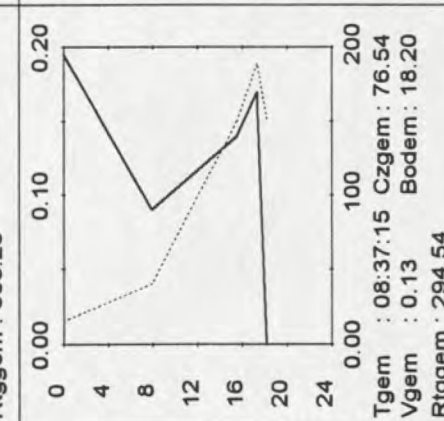
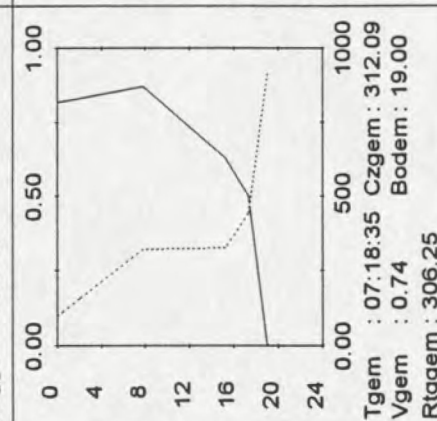
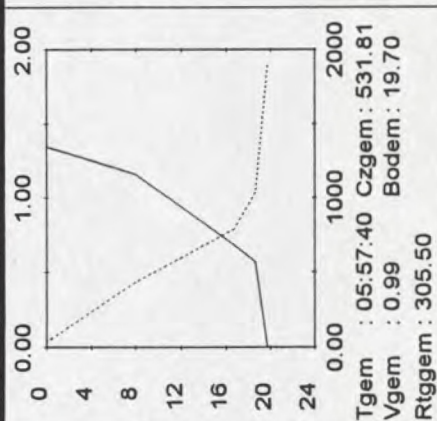
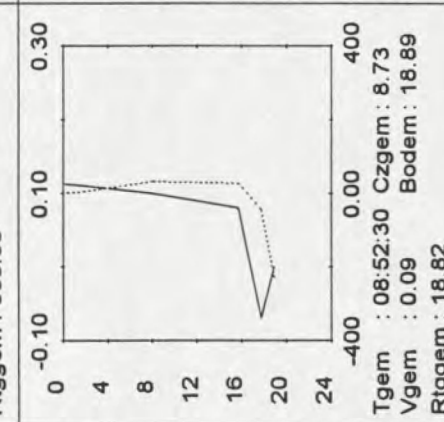
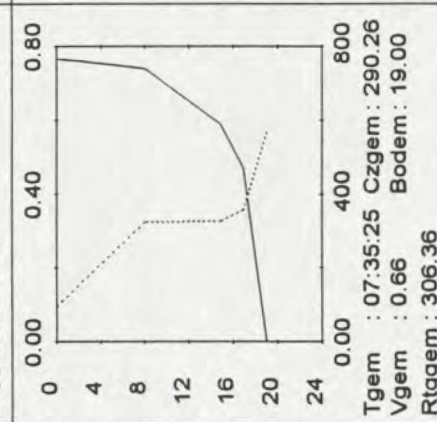
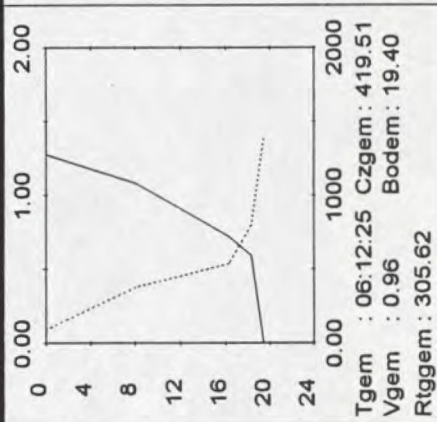
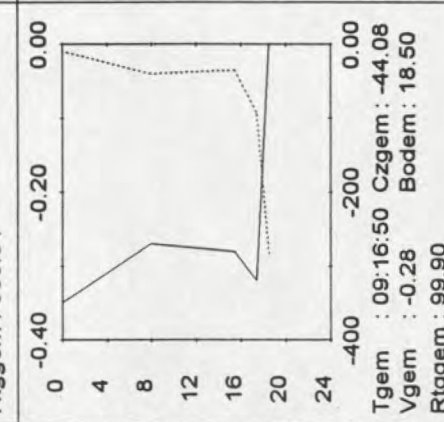
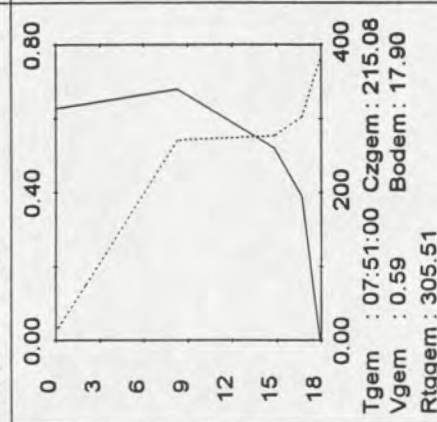
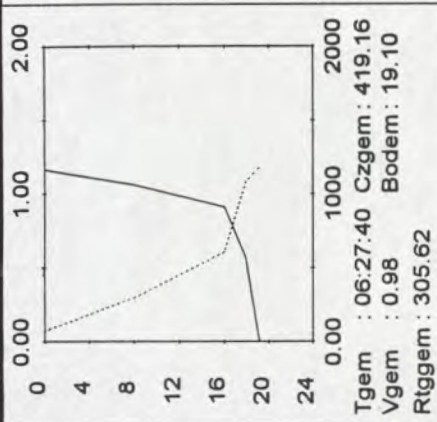
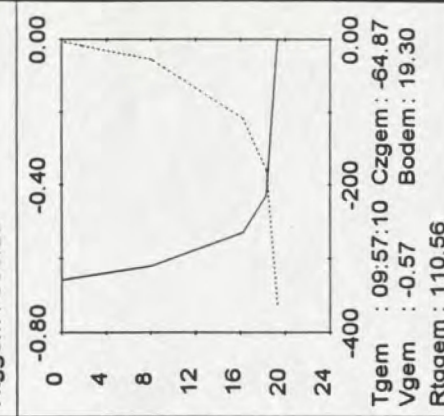
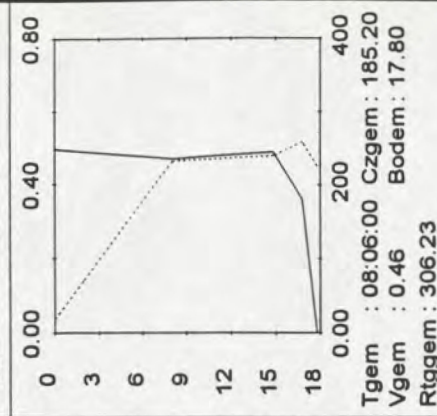
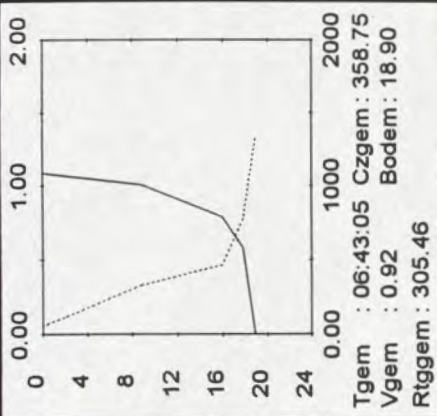
Tgem
Vgem
Rtggem
Bodem

Gemiddelde tijd in uu.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

STROOMSHRZT
ZANDCONCENTR

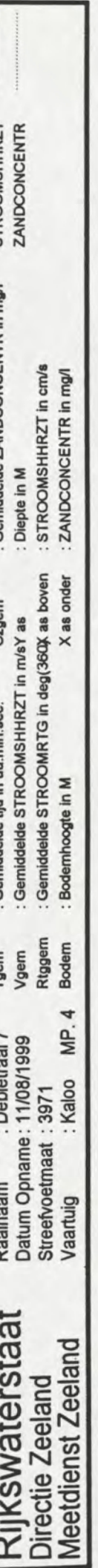
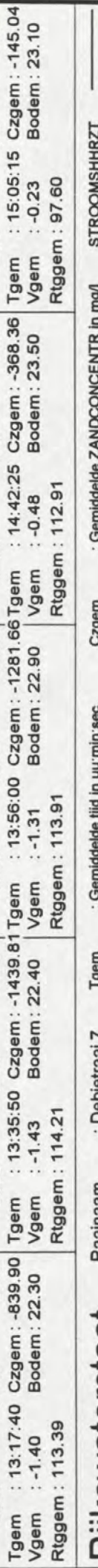
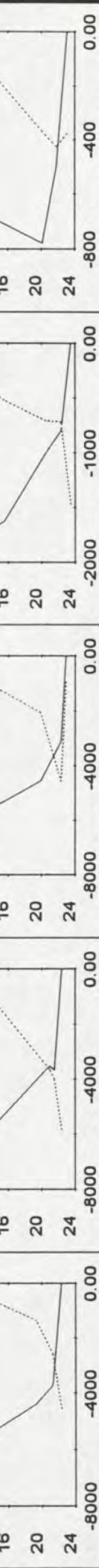
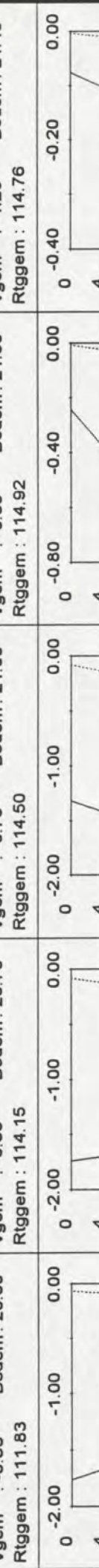
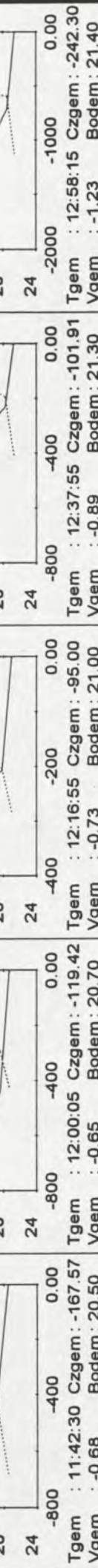
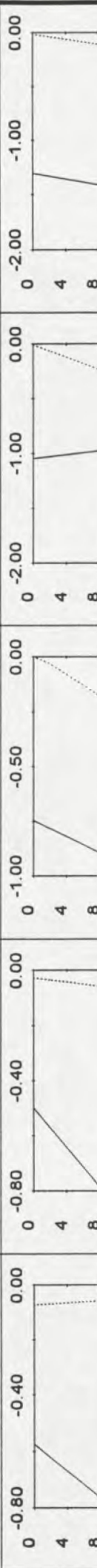
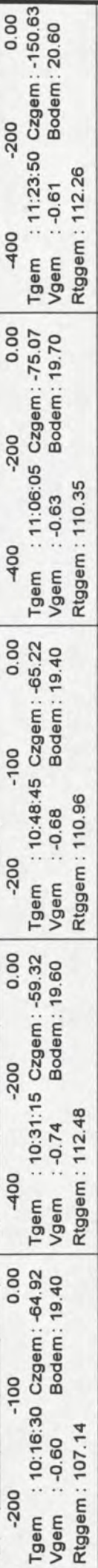
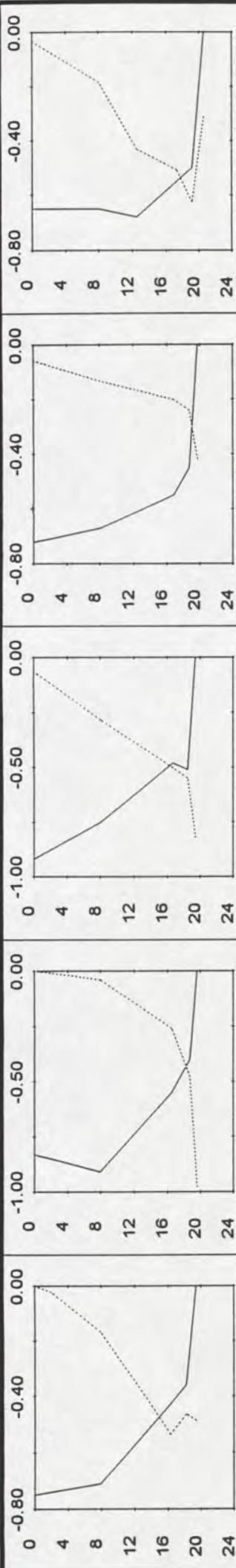


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam	: Debietraai 7	Tgem
Datum Opname	: 11/08/1999	Vgem
Streefvoetmaat	: 3971	Rtggem
Vaarttuig	: Kaloo MP. 4	Bodem

: Gemiddelde tijd in uur:min:sec.	Czgern	: Gemiddelde ZANDCONCENTR
: 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

: Gemiddelde ZANDCONCENTR in mg/l

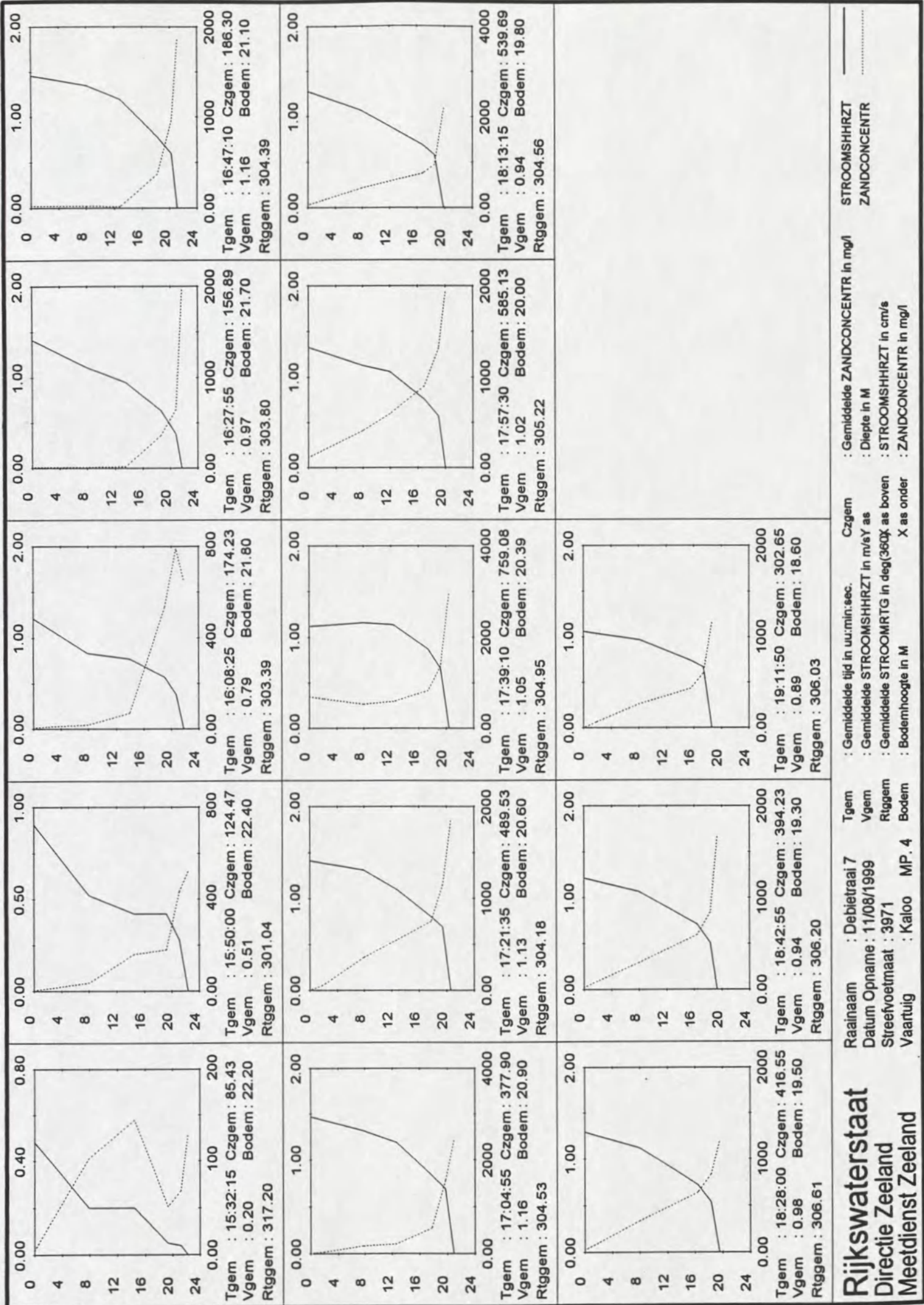


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

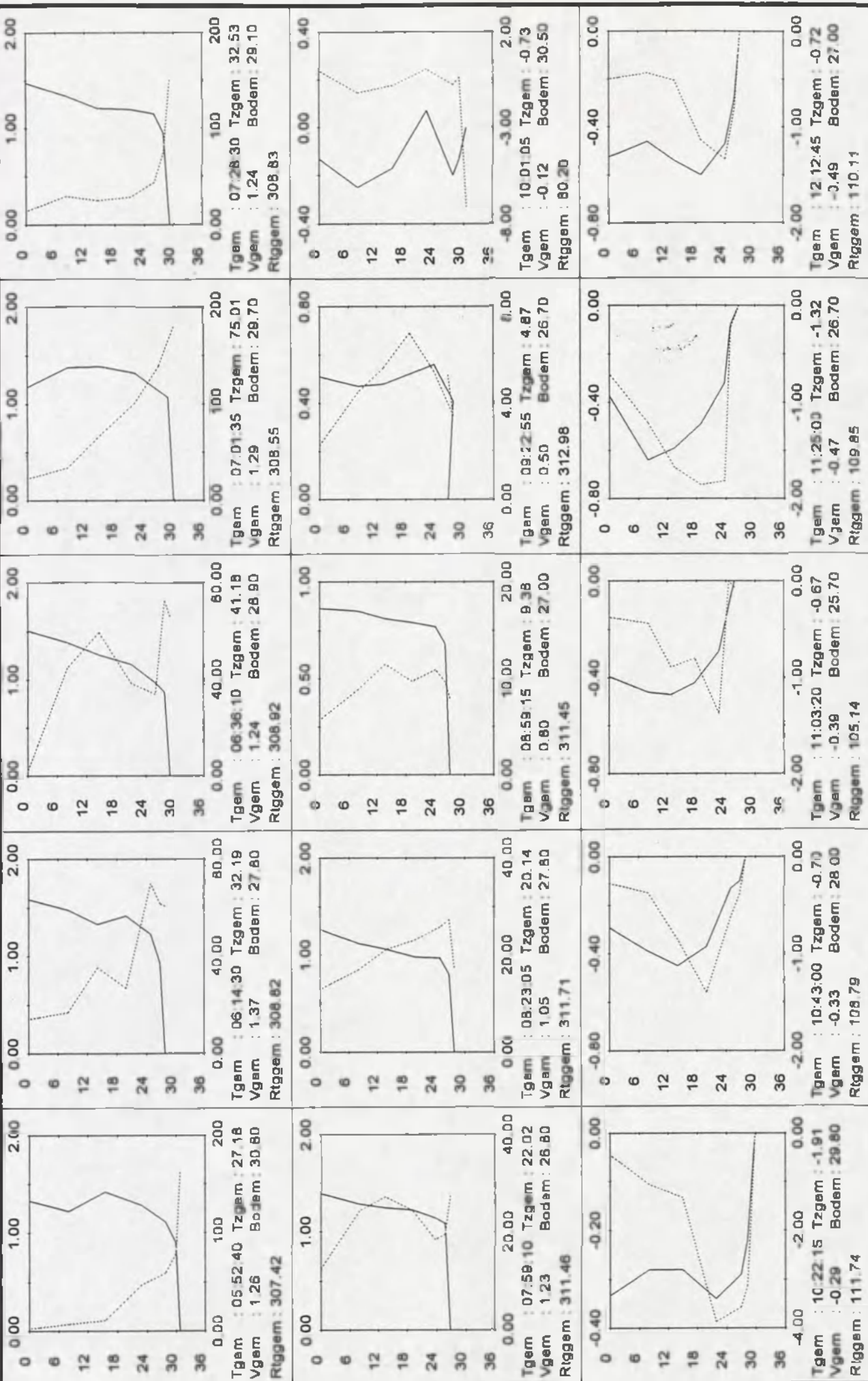
Raai naam	: Debietraal 7	Tgem
Datum Opname	: 11/08/1999	Vgem
Streefvoetmaat	: 3971	Rtgem
Vaartuig	: Kaloo	Bodem
	MP. 4	

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

STROOMSHRZT
ZANDCONCENTR



9. Vertikalen zandtransport

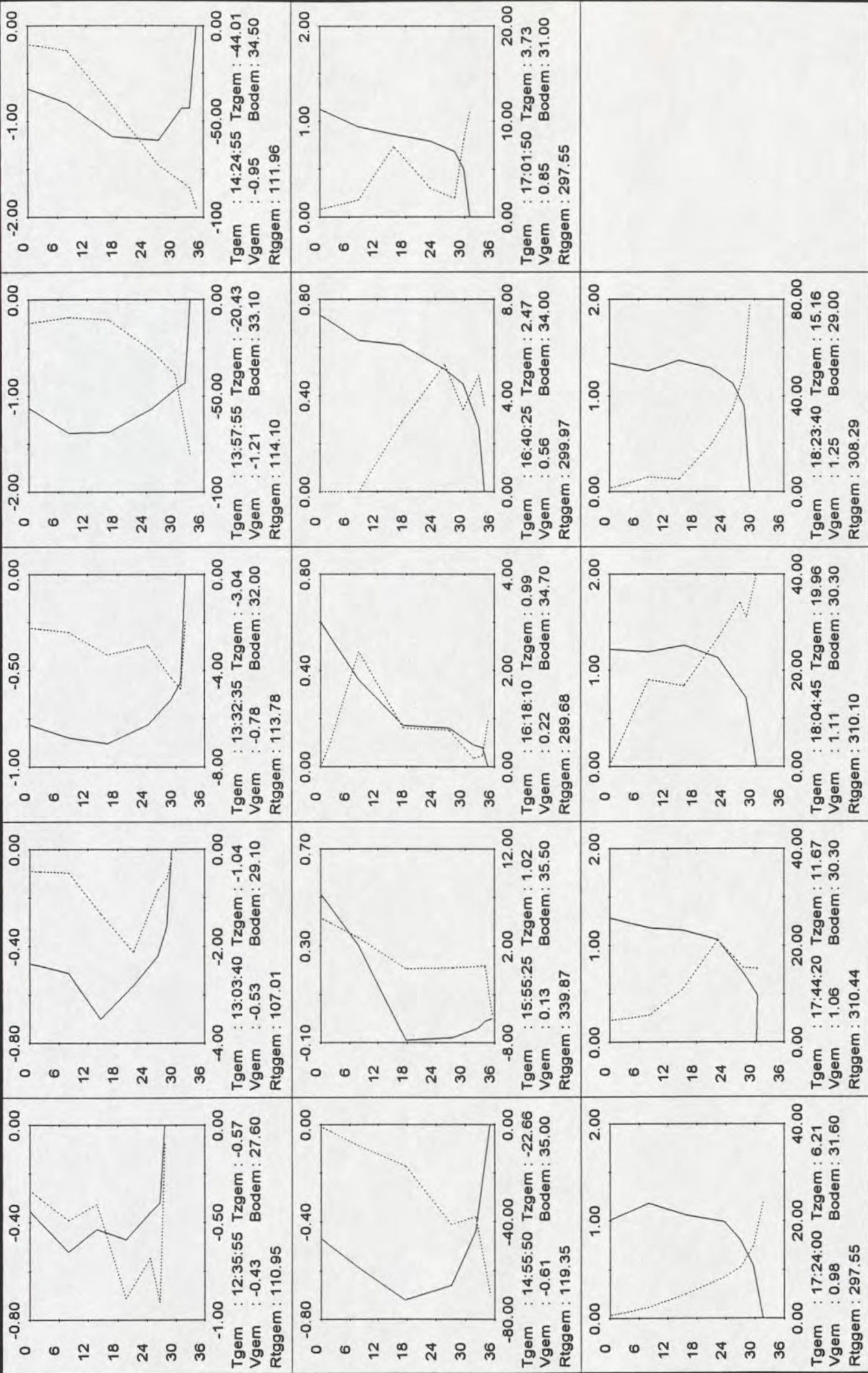


Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

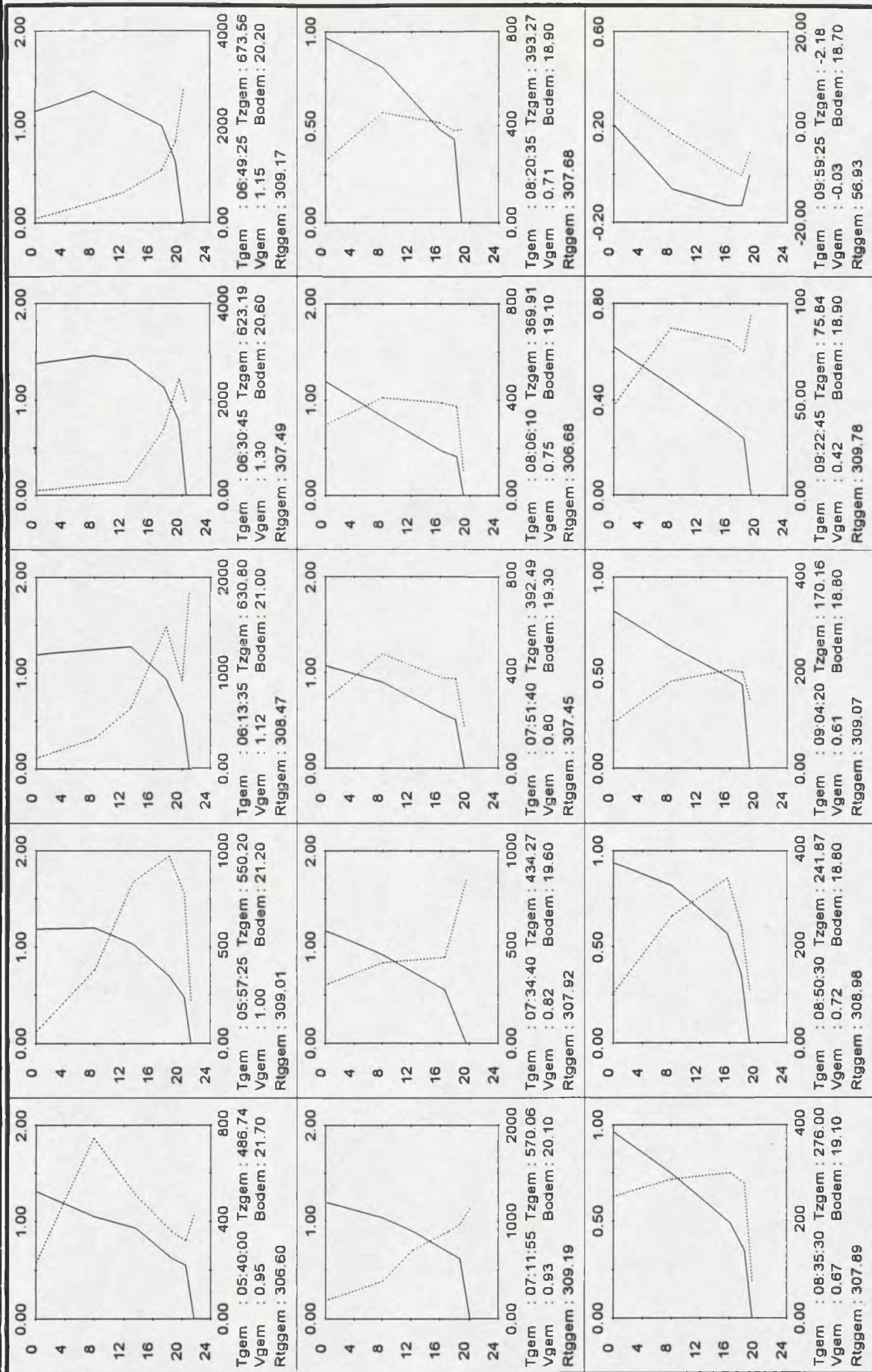
Raai naam : Debietraal7
Datum Opname : 12/08/1999
Streefvoelmaat : 1/1
Vaartuig : SienxMP.1

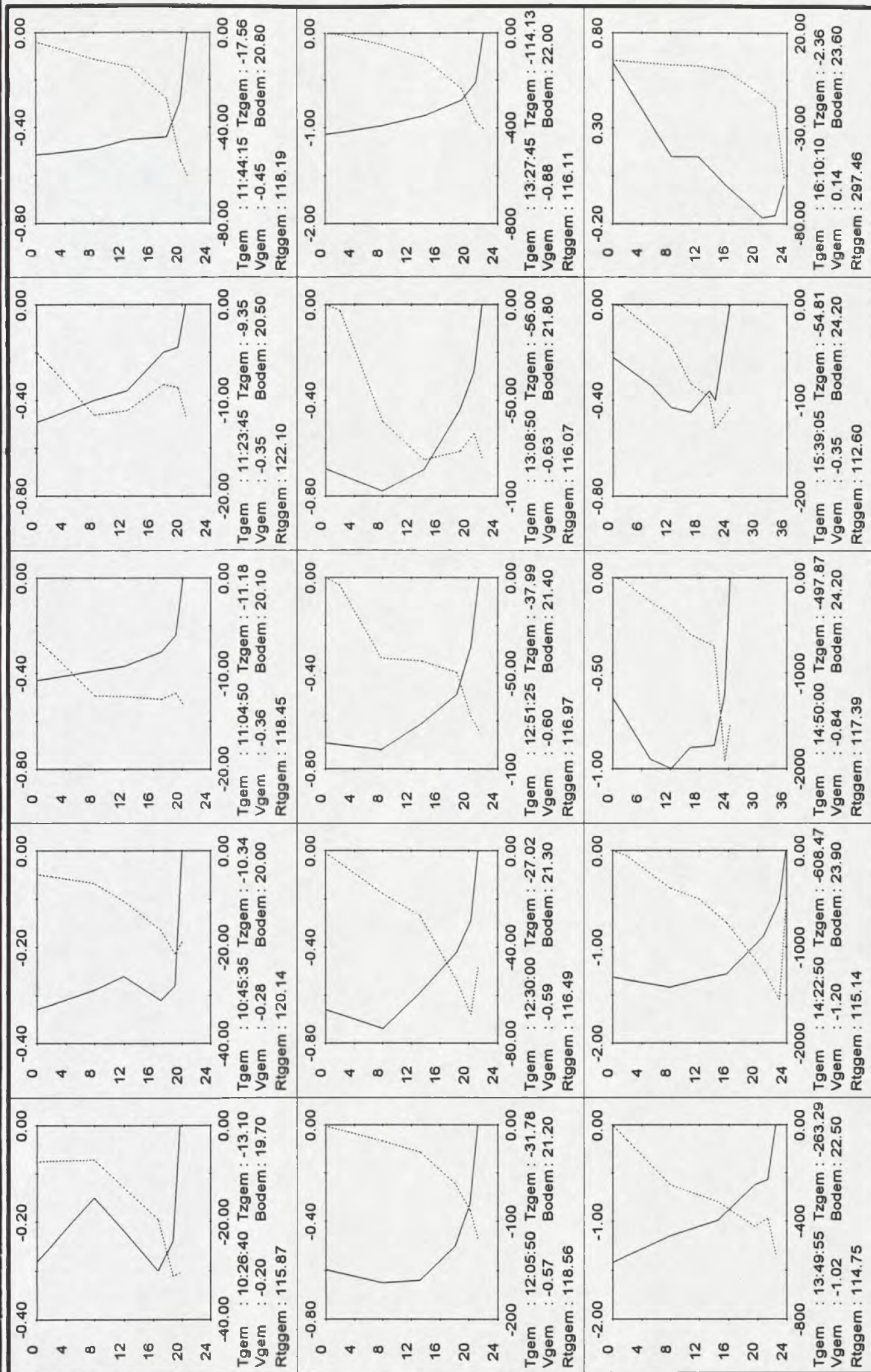
Tg : Gemiddelde STROOMSHRZT in m/s/y as
Vg : Gemiddelde STROOMSHRZT in deg/360x as boven
Bg : Gemiddelde STROOMSHRZT in m/s/y as
X as onder

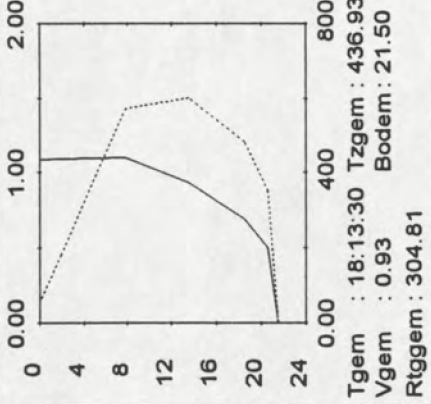
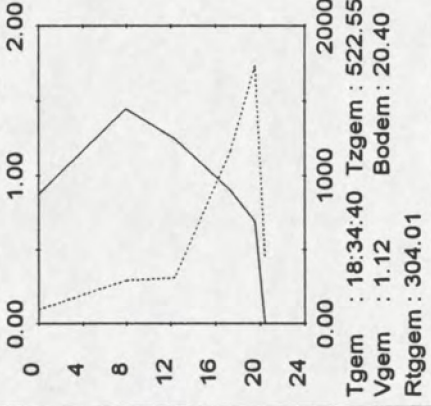
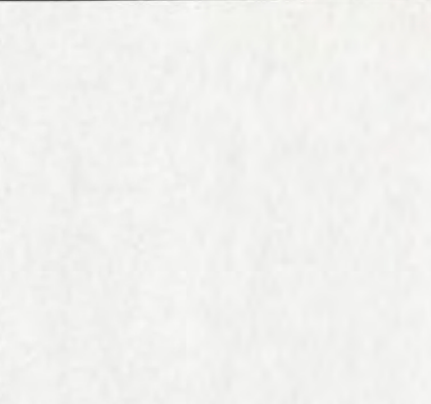
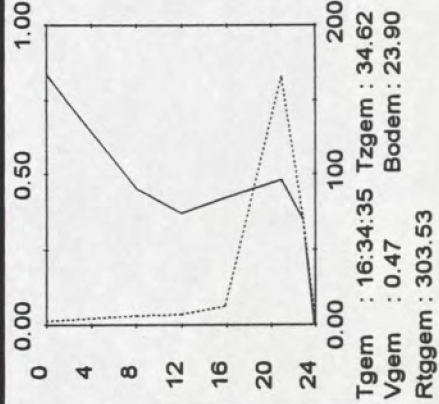
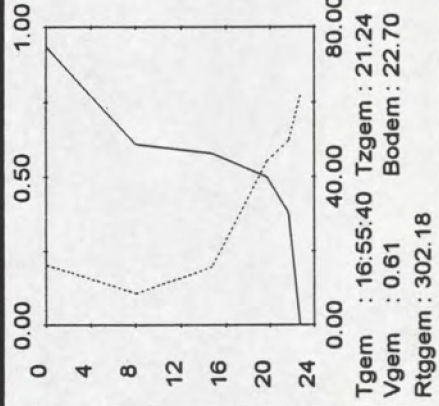
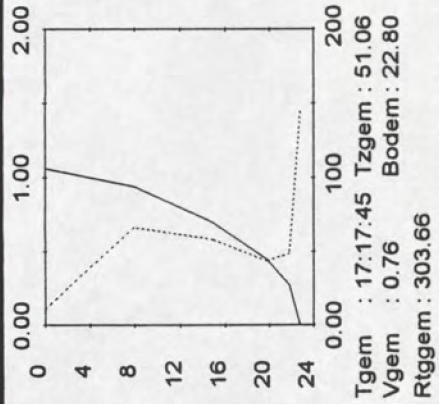
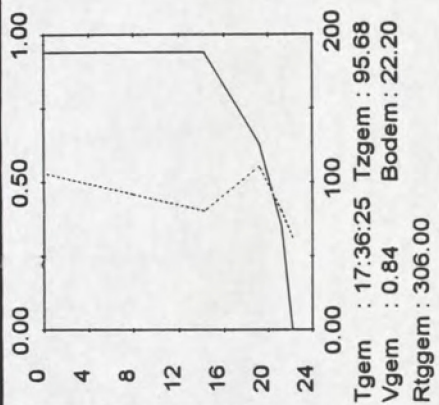
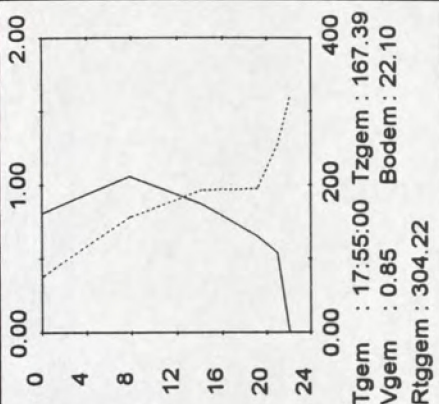
Tg : Gemiddelde ZANDTRANSP in gr/m2.s
Vg : Diepte in M
Bg : STROOMSHRZT in cm/s
ZANDTRANSP in gr/m2.s

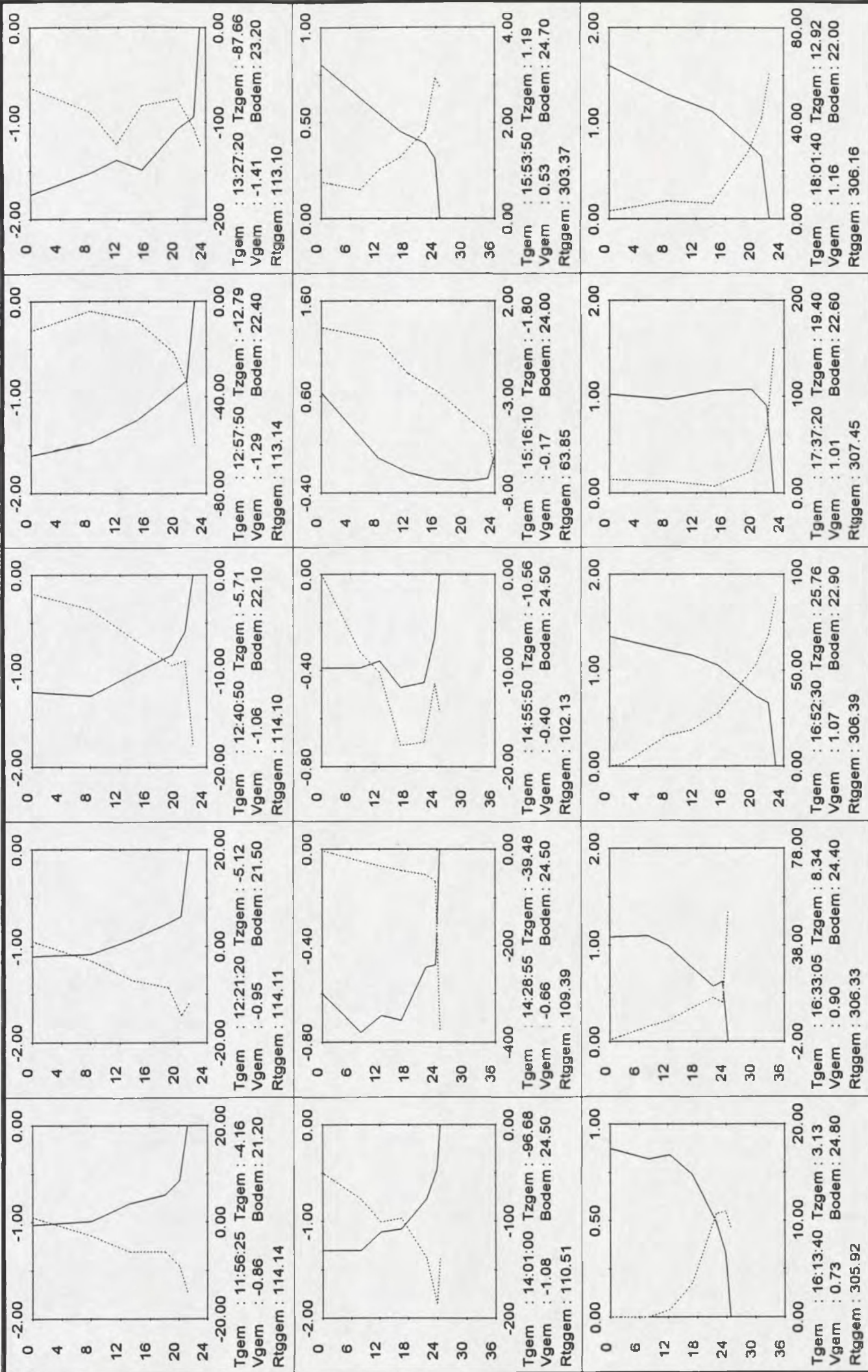


Rijkswaterstaat Directie Zeeland Meetdienst Zeeland				Raai naam : Debietaal7	Tgem	Gemiddelde tijd in uur:min:sec.	Tzgem	Gemiddelde ZANDTRANSP in gr/m2.s	STROOMSHRZT
Datum Opname : 12/08/1999					Vgem	Gemiddelde STROOMSHRZT in m/sY as		Diepte in M	ZANDTRANSP
Streefvoetmaat : 141					Rtggem	Gemiddelde STROOMRTG in deg(360X as boven		STROOMSHRZT in cm/s	
Vaartuig : SierixMP.1					Bodem	X as onder		ZANDTRANSP in gr/m2.s	









Rijkswaterstaat
Directie Zeeland
Meeldienst Zeeland

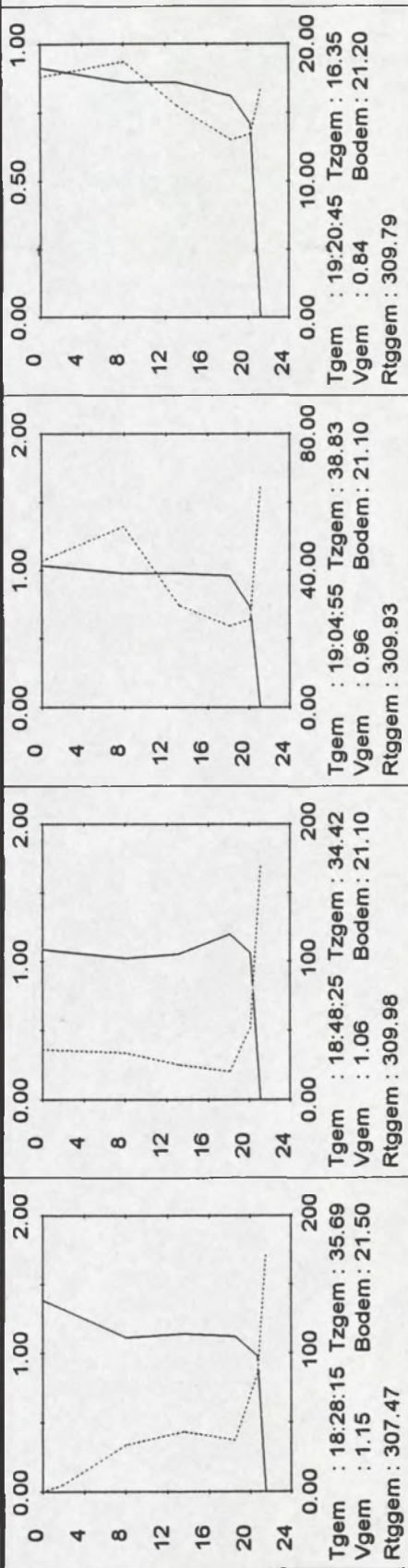
Raaienaar : Debietaal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

Tzgem :
Vgem :
Rtggem :
Bodem :

Gemiddelde tijd in uur:min:sec.
Gemiddelde STROOMSHHRTZ in m³/s
Gemiddelde STROOMRTG in deg(360) as boven
Bodemhoogte in M

X as onder

Gemiddelde ZANDTRANSP in gr/m² s
Diepte in M
STROOMSHHRTZ in cm/s
ZANDTRANSP in gr/m² s



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

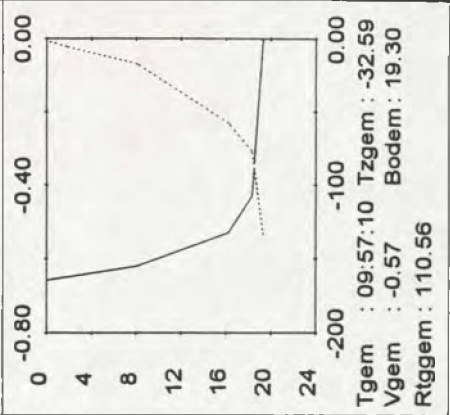
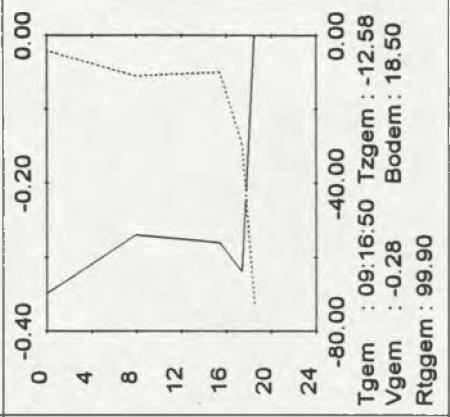
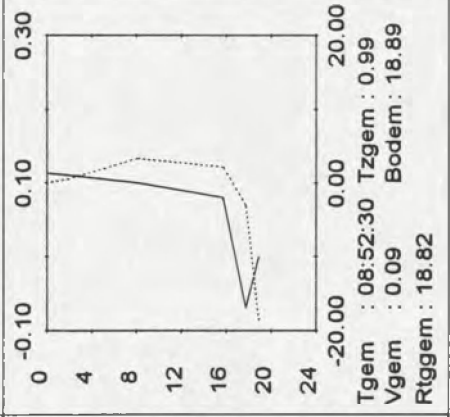
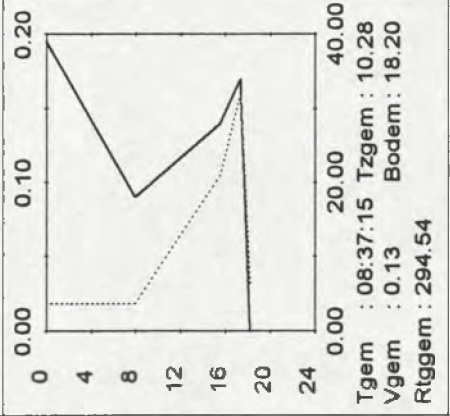
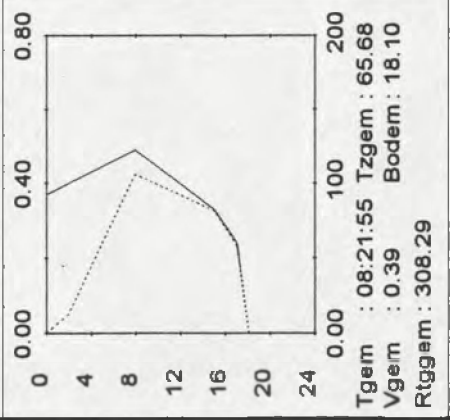
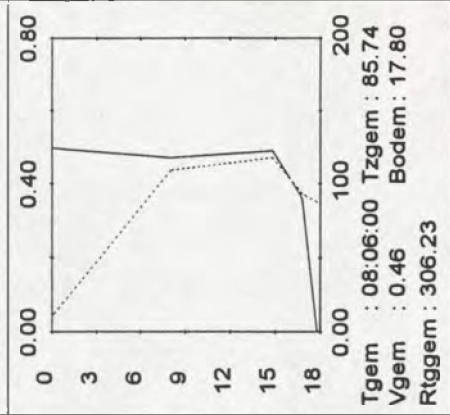
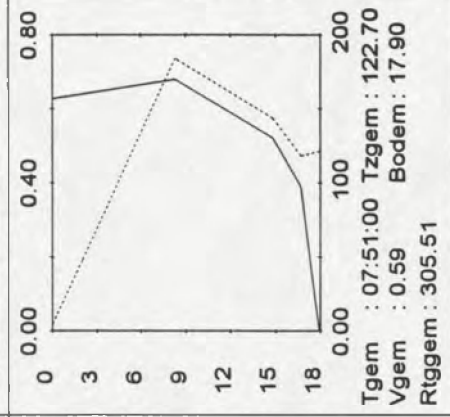
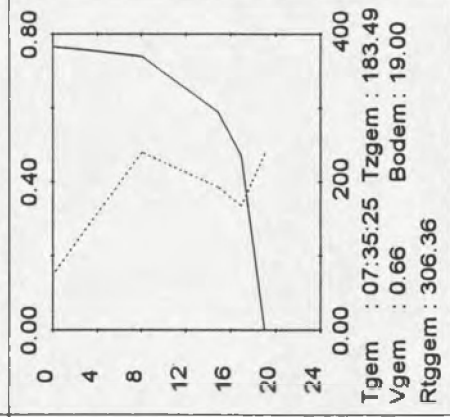
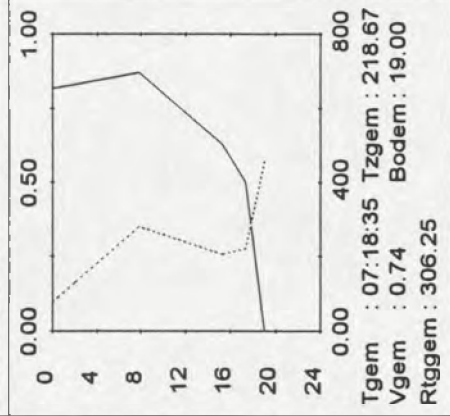
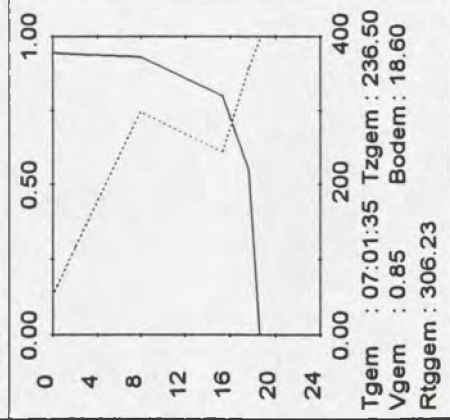
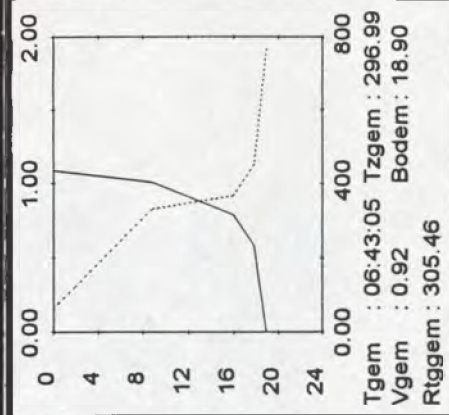
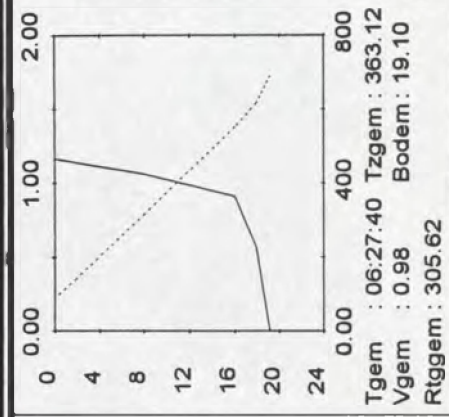
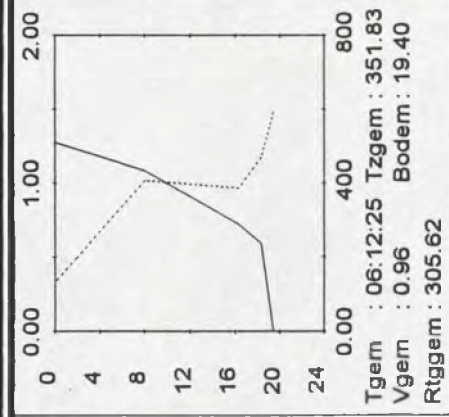
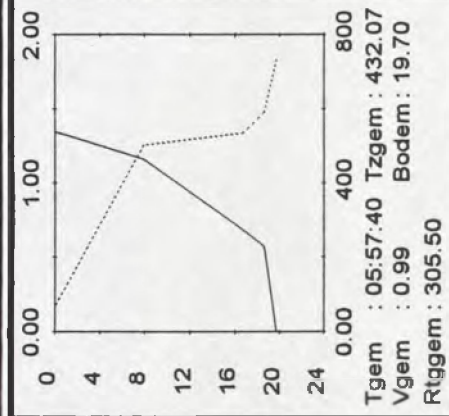
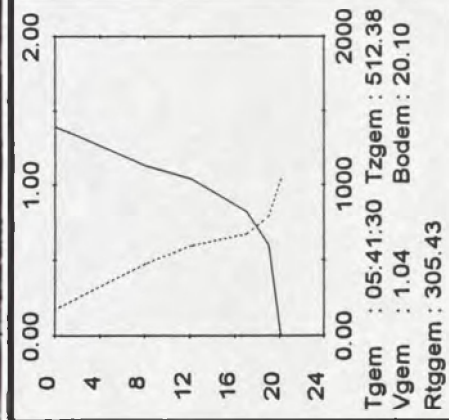
Tzgem
Vgem
Rtggem
Bodem

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

STROOMSHRZT
ZANDTRANSP



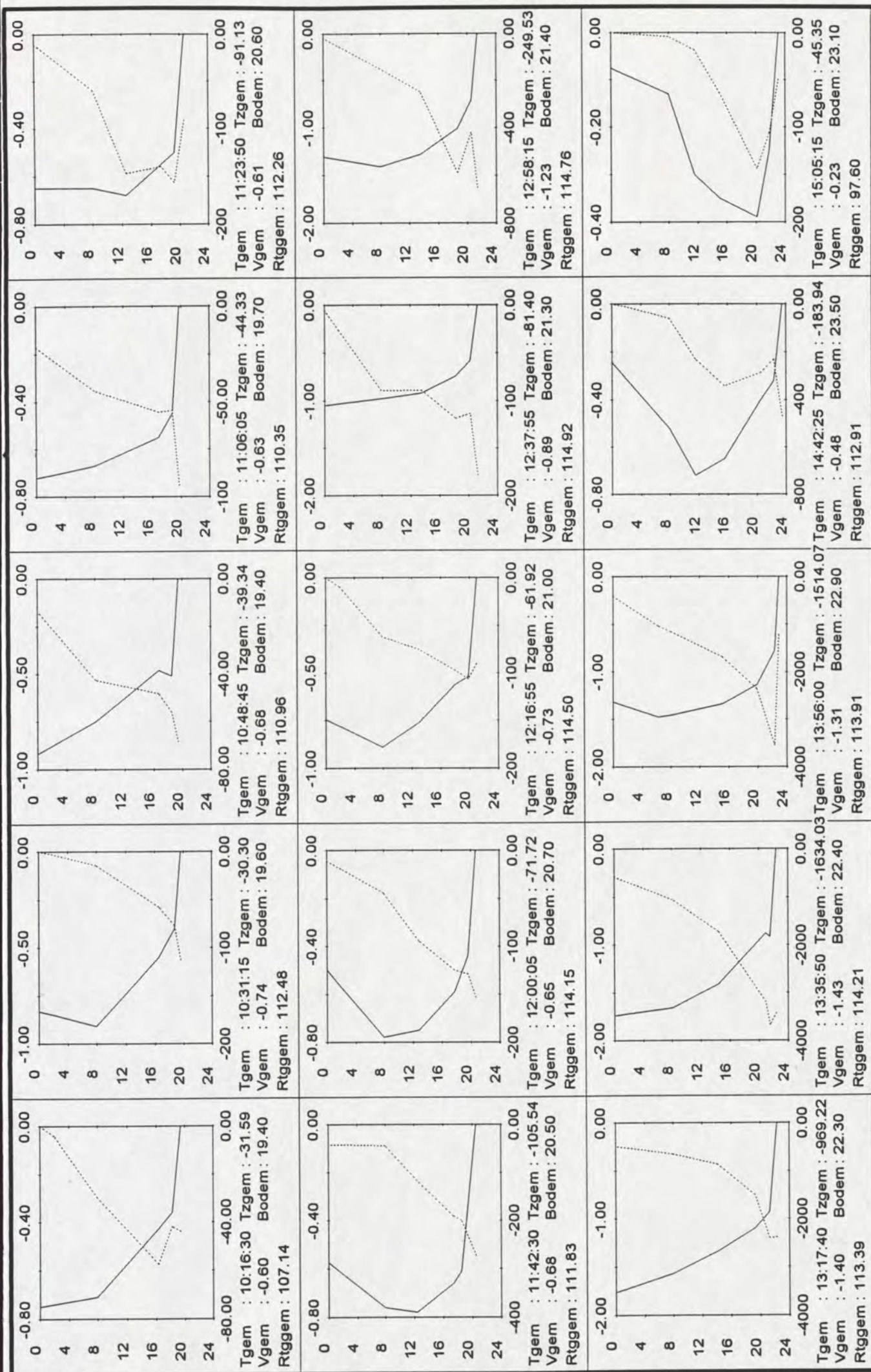
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

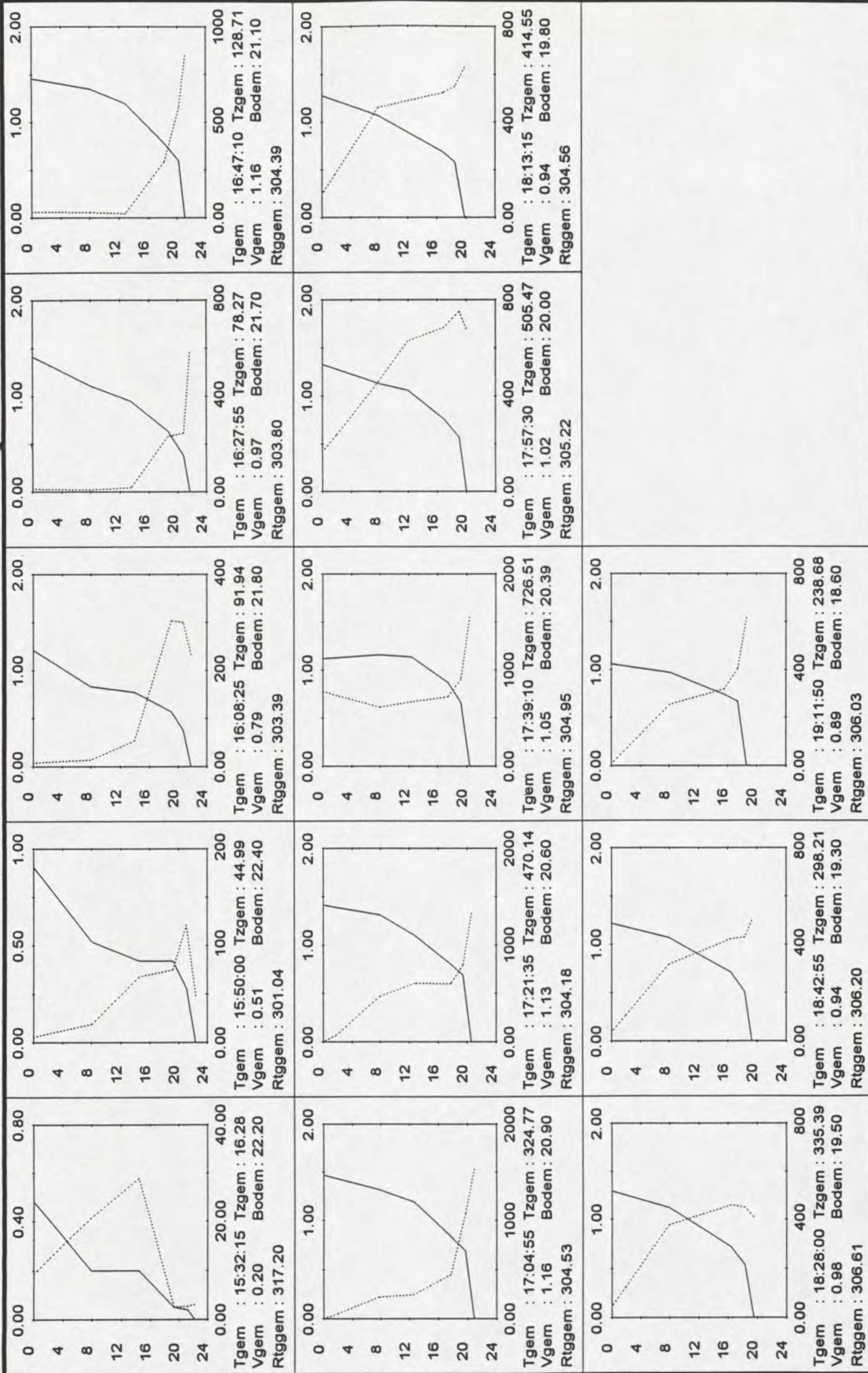
Raai naam	: Debietraal7	Tgcm
Datum Opname	: 11/08/1999	Vgcm
Streefvoetmaat	: 3971	Rtgcgm
Vaarttuig	: KalooMP.4	Bodem

Tgem	: Gemiddelde tijd in uur.min.sec.	Tzgem
Vgem	: Gemiddelde STROOMSHRZT in mv/s y as	
Rtggem	: Gemiddelde STROOMRTG in deg/360x as boven	
Bodem	: Bodernhoogte in M	X as onder

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

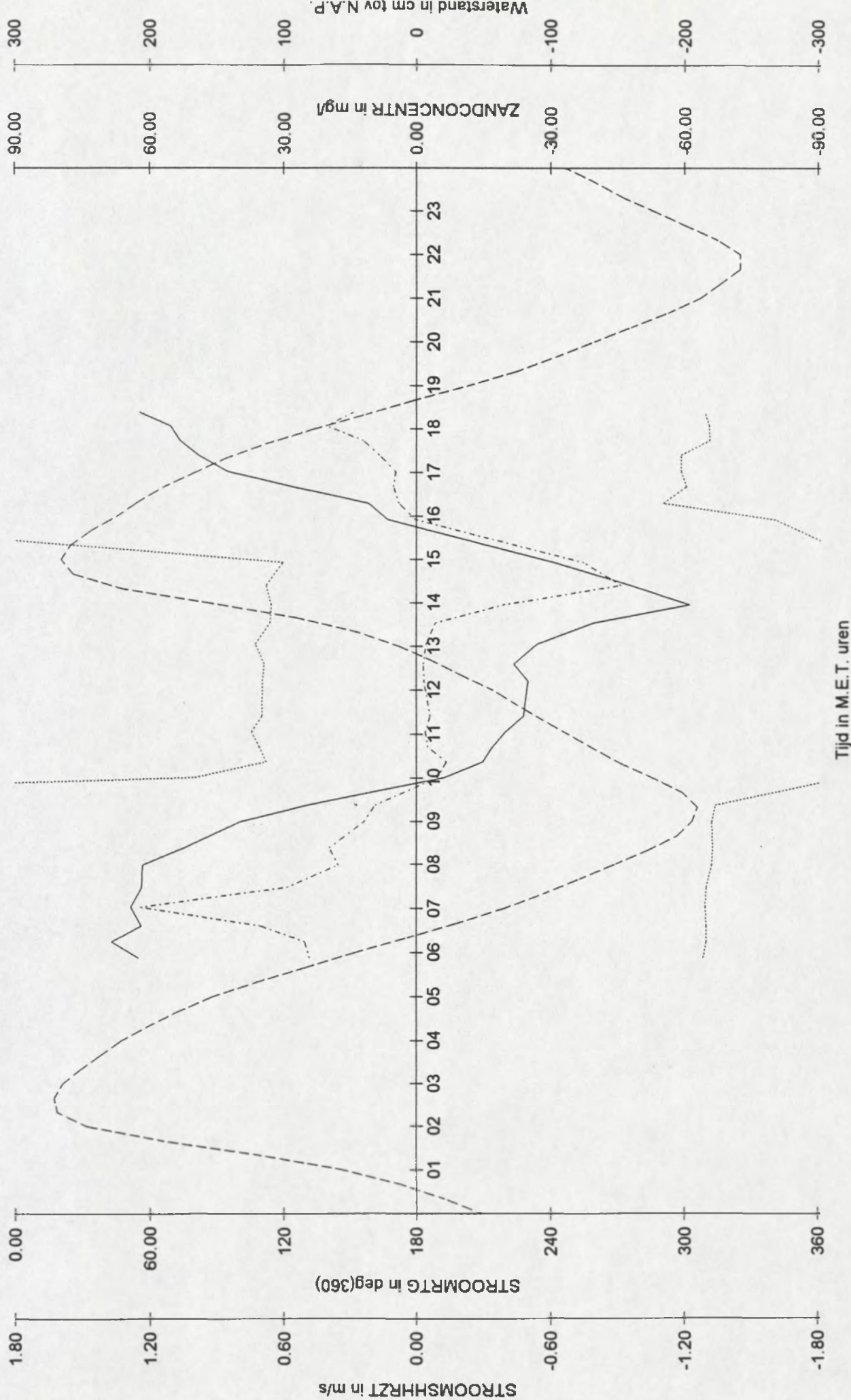
STROOMSHRZT
ZANDTRANSP





Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raai naam : Debietraal7 Datum Opname : 11/08/1999 Streefvoetmaat : 3971 Vaartuig : KalooMP.4	Tg Vg Rt Bodem	: Gemiddelde tijd in uur:min:sec. : Gemiddelde STROOMSHRZT in m/sY as : Gemiddelde STROOMRTG in deg(360X as boven : Bodemhoogte in M	Tzgem : Diepte in M : STROOMSHRZT in cm/s : ZANDTRANSP in gr/m2.s	STROOMSHRZT ZANDTRANSP

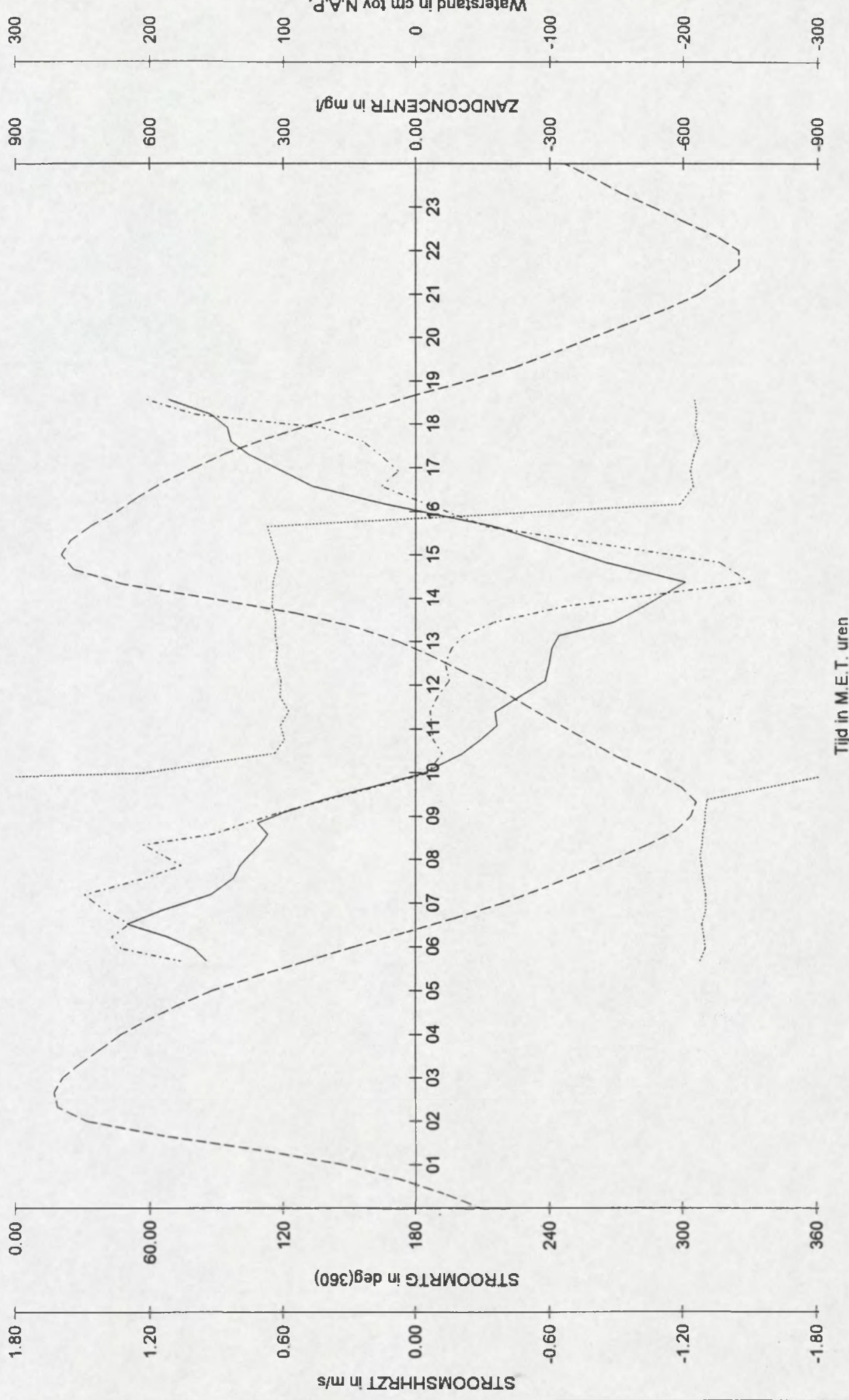
10. Gemiddelde krommen stroom en zandconcentratie



Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

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

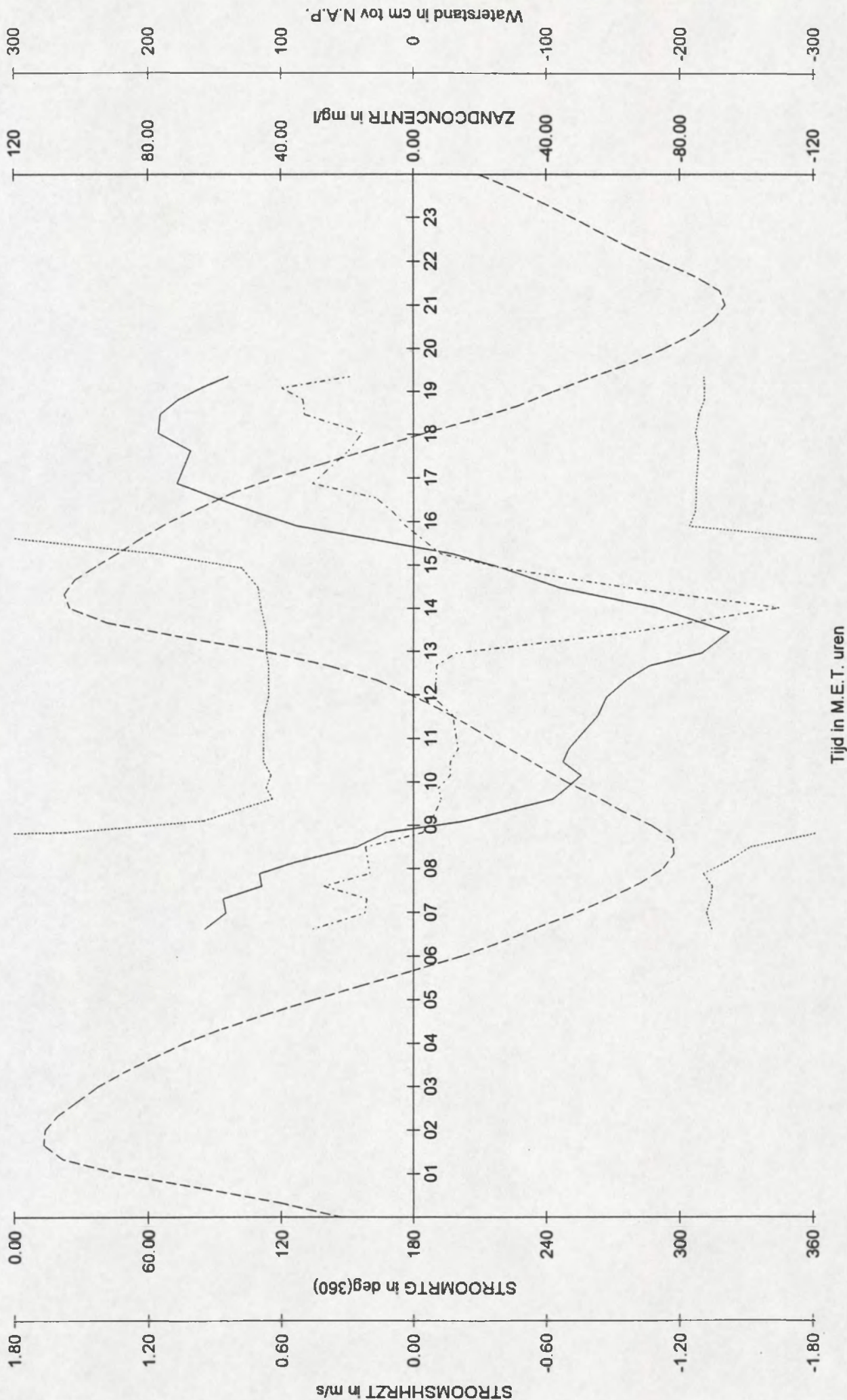
STROOMSHHRZT
 STROOMRTG
 ZANDCONCENTR
 Waterstand te Terneuzen



STROOMSHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

Raainaam : Debietraaf7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KaloMP.2

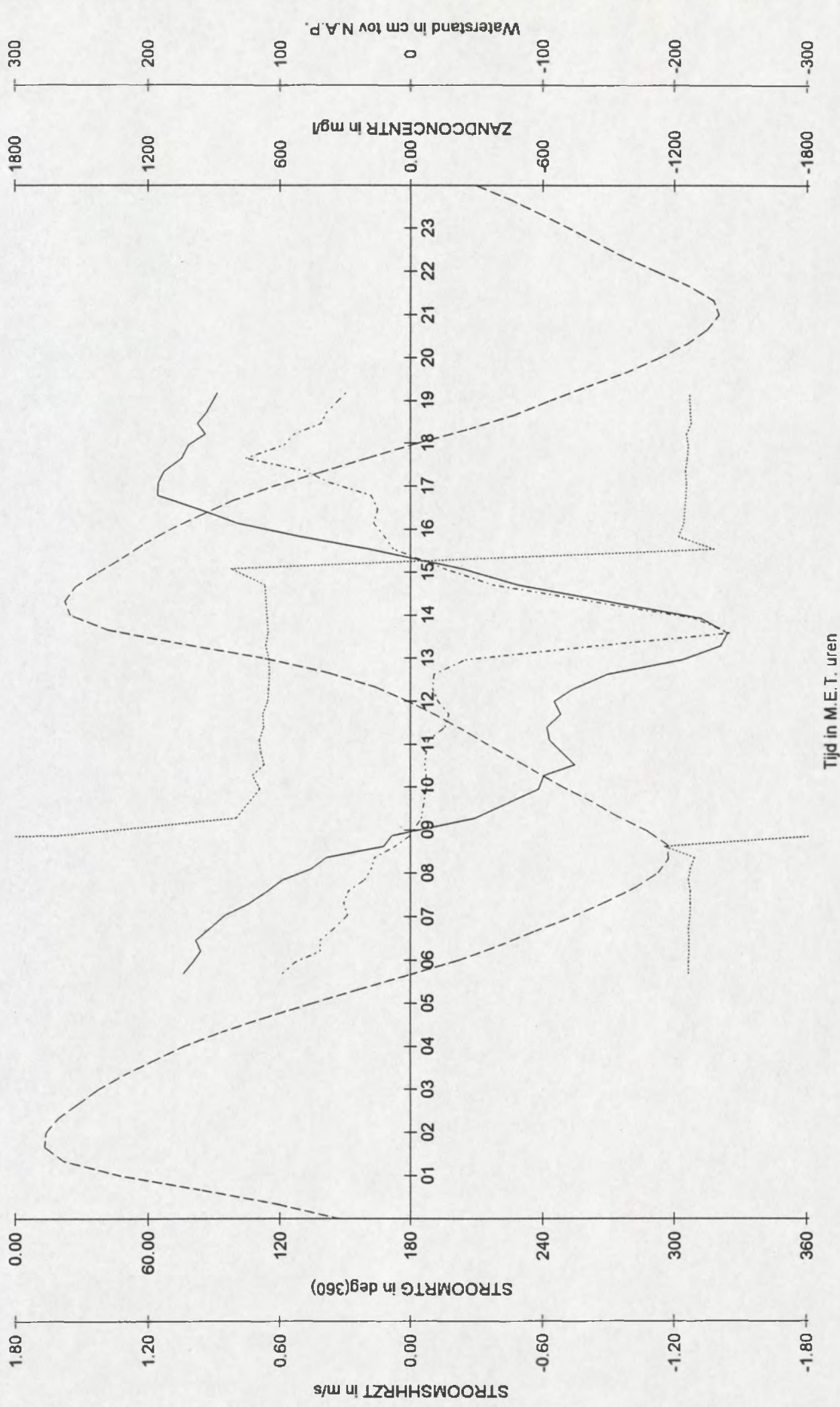
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

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

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



STROOMSHHRZT
STROOMRTG
ZANDCONCENTR
Waterstand te Terneuzen

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

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

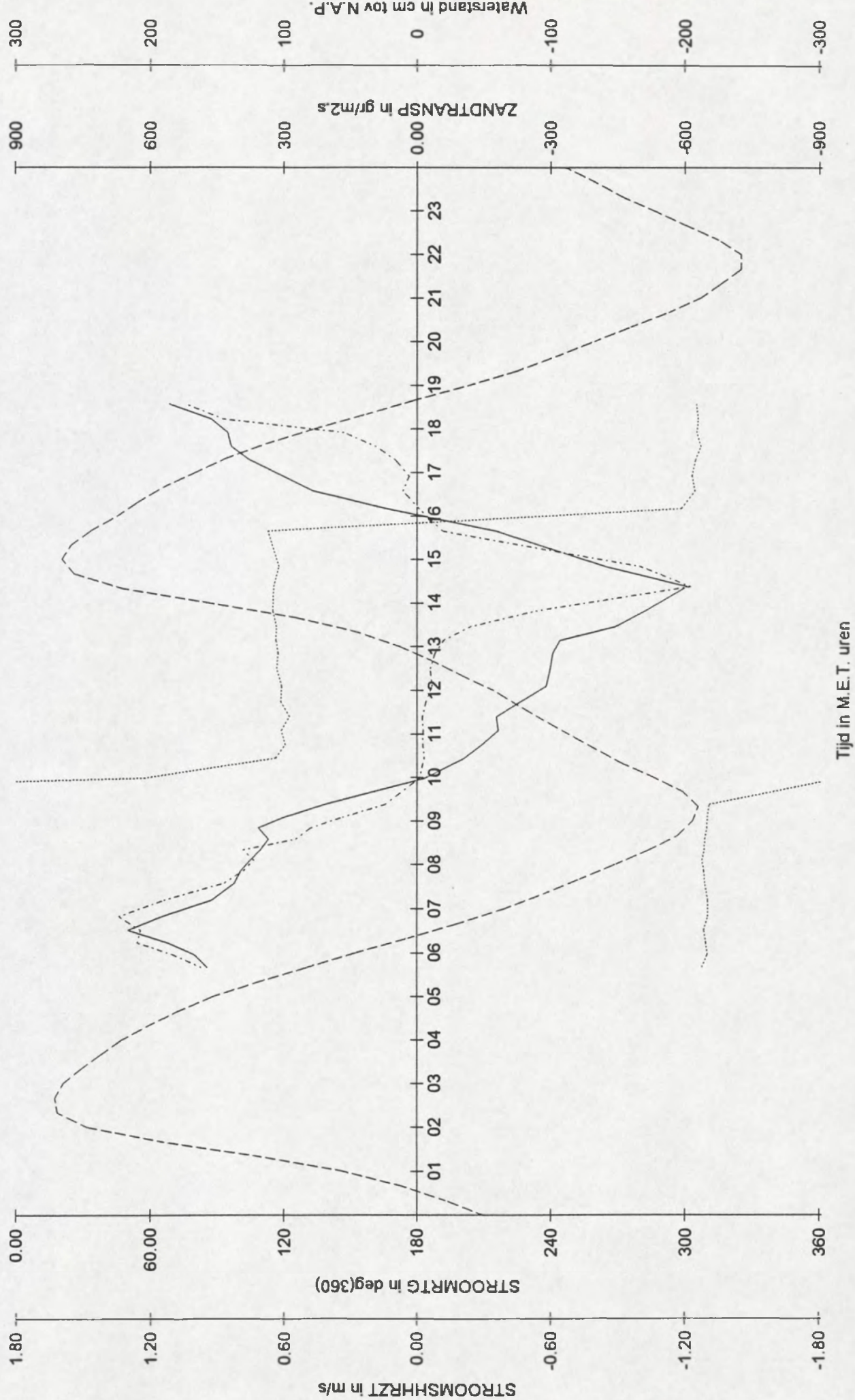
11. Gemiddelde krommen stroom en zandtransport



Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

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

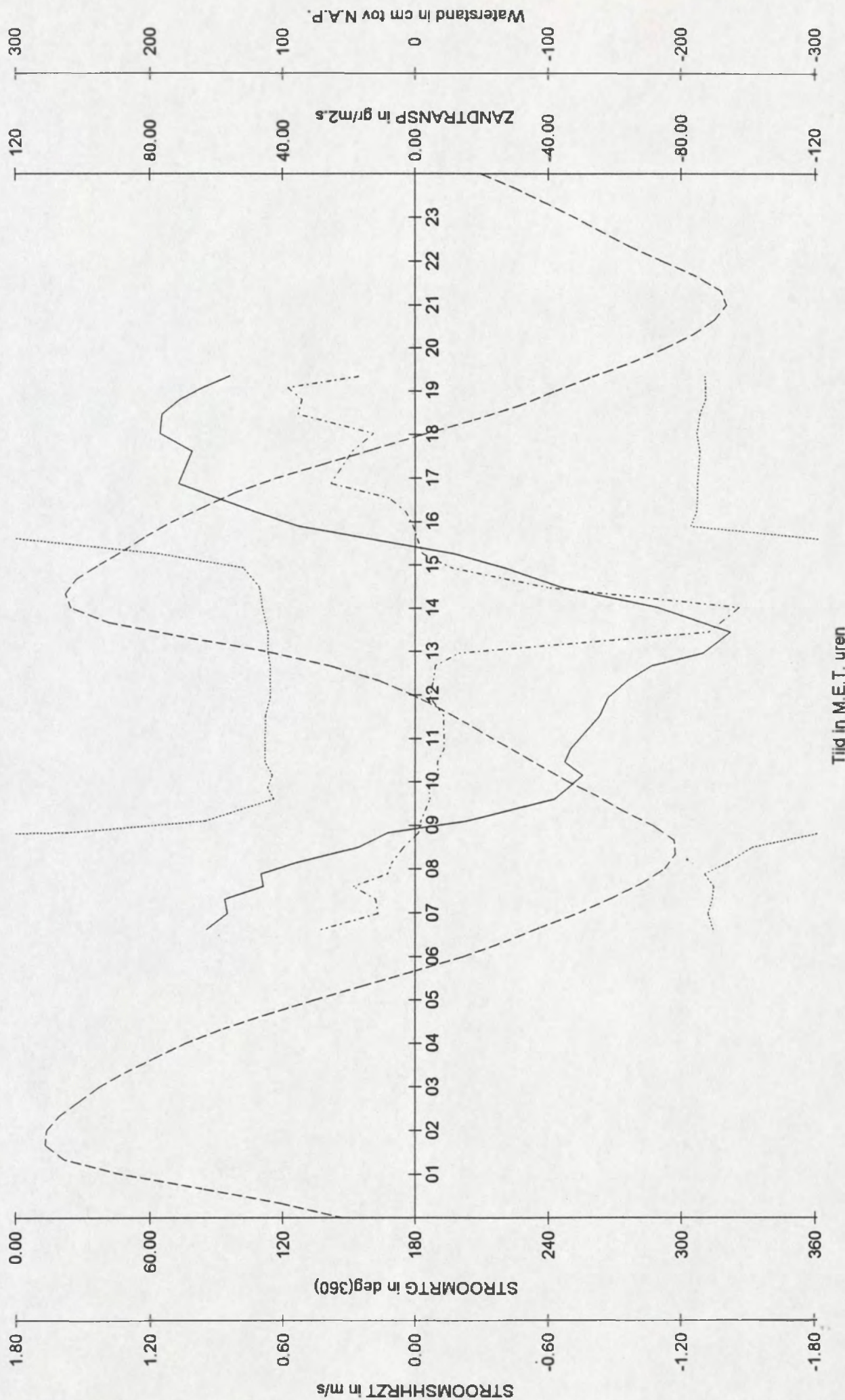
STROOMSHRZT
 STROOMRTG
 ZANDTRANSP
 Waterstand te Terneuzen



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

Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

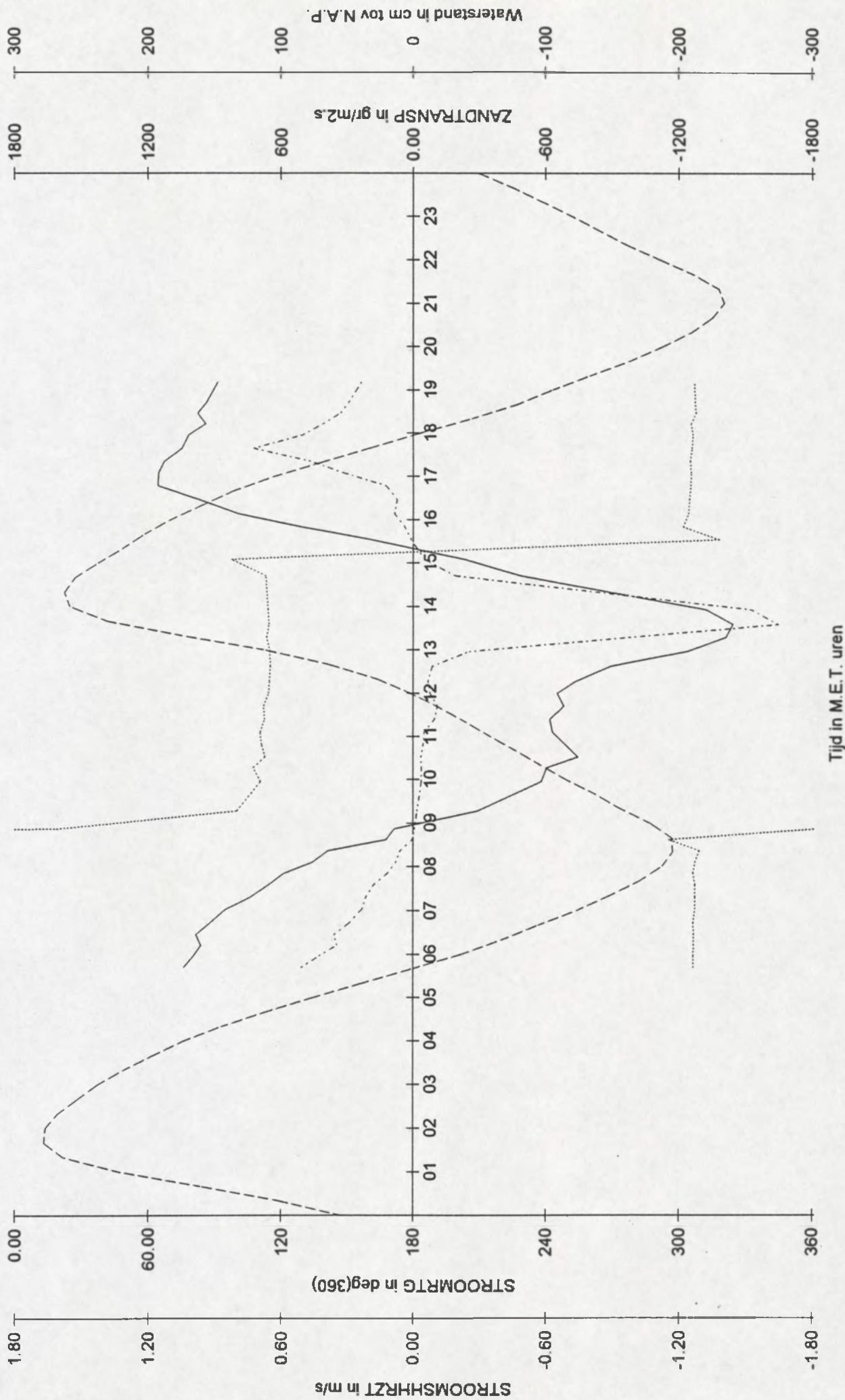
STROOMSHHRZT
 STROOMRTG
 ZANDTRANSP
 Waterstand te Terneuzen



STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Terneuzen

Raainaam : Debietraaf
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierfMP.3

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



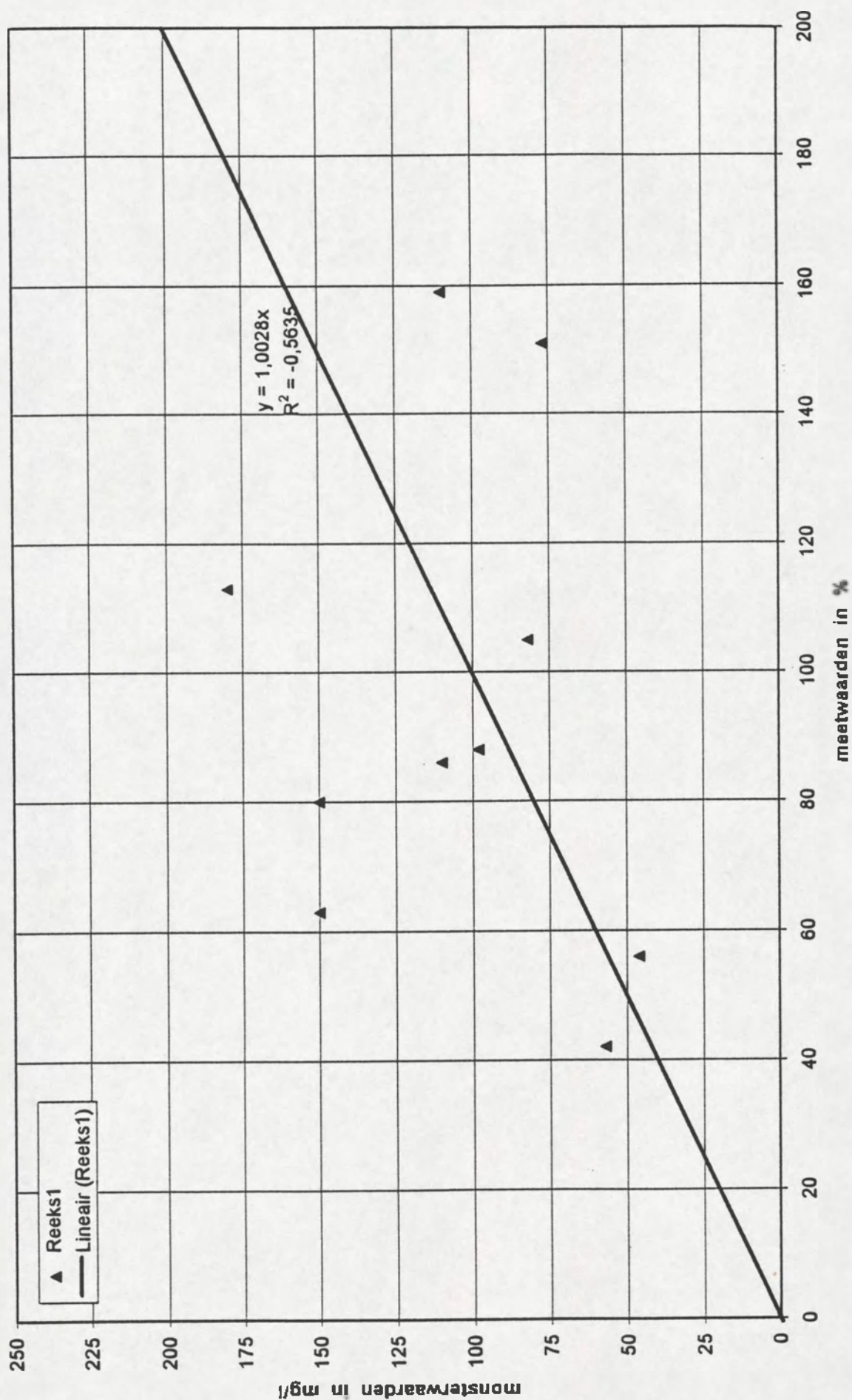
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

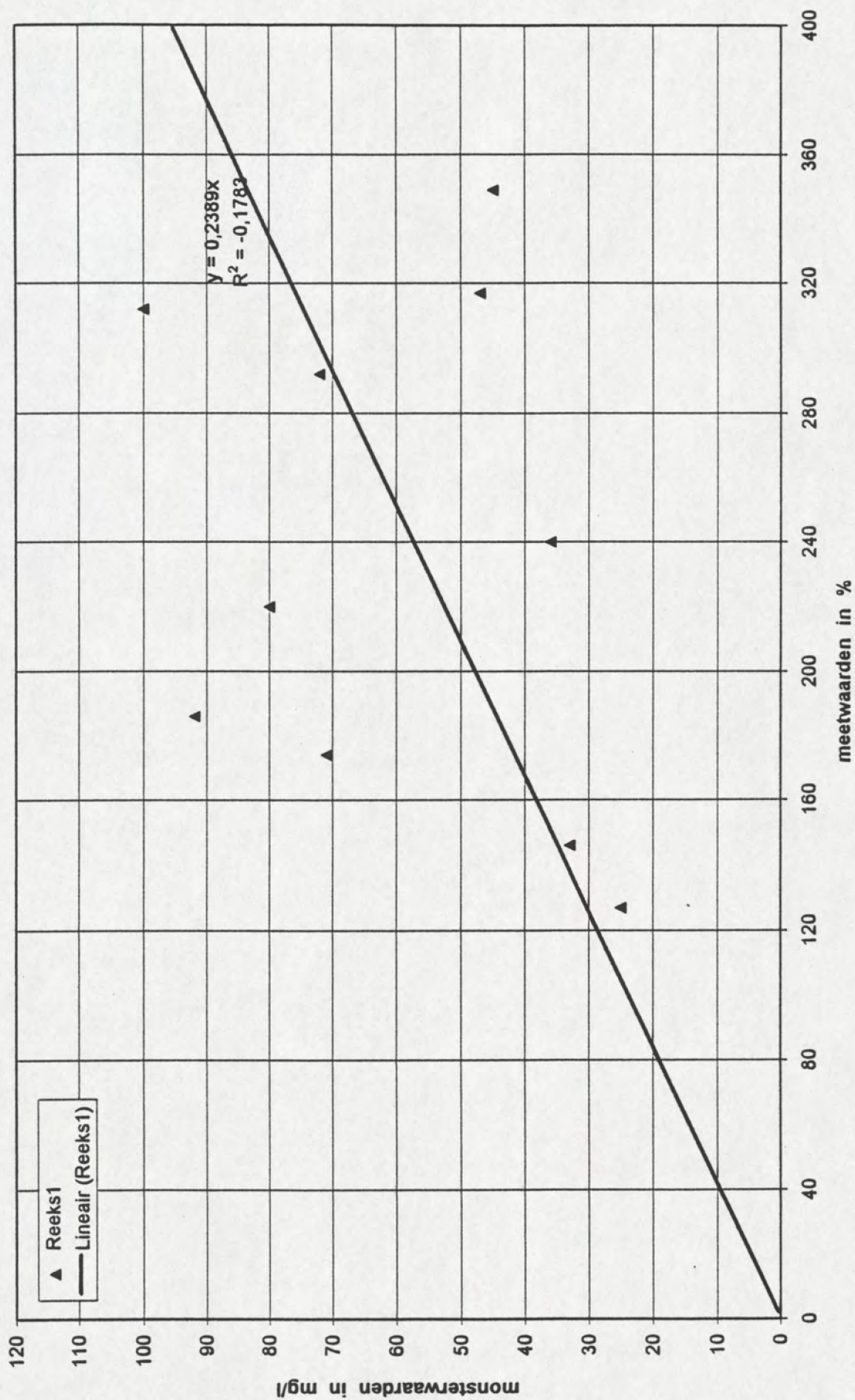
STROOMSHHRZT
STROOMRTG
ZANDTRANSP
Waterstand te Terneuzen

12. IJklijnen MEX

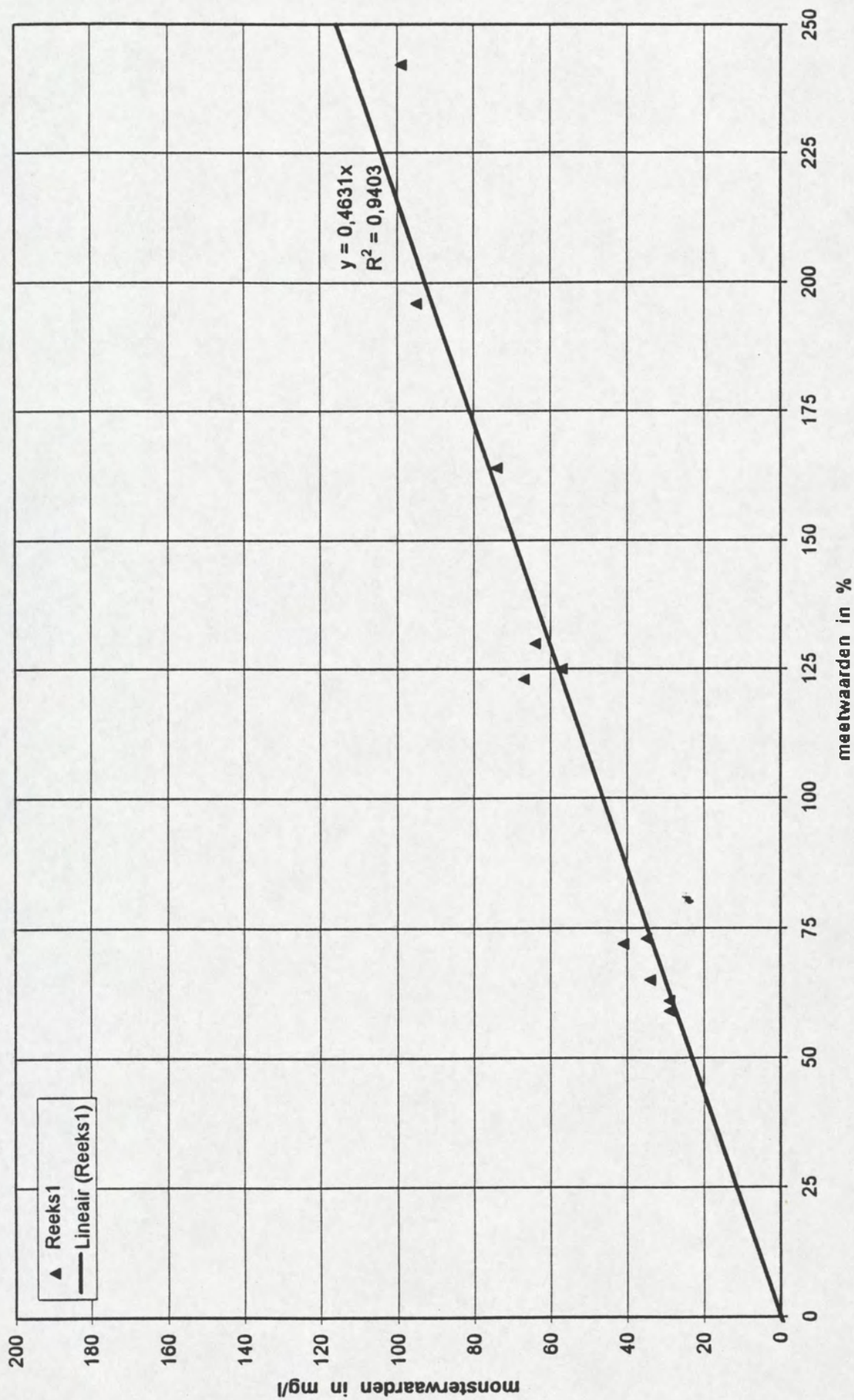
IJklijn MEX Sierix
 Raai 7 mp. 1
 12 augustus 1999



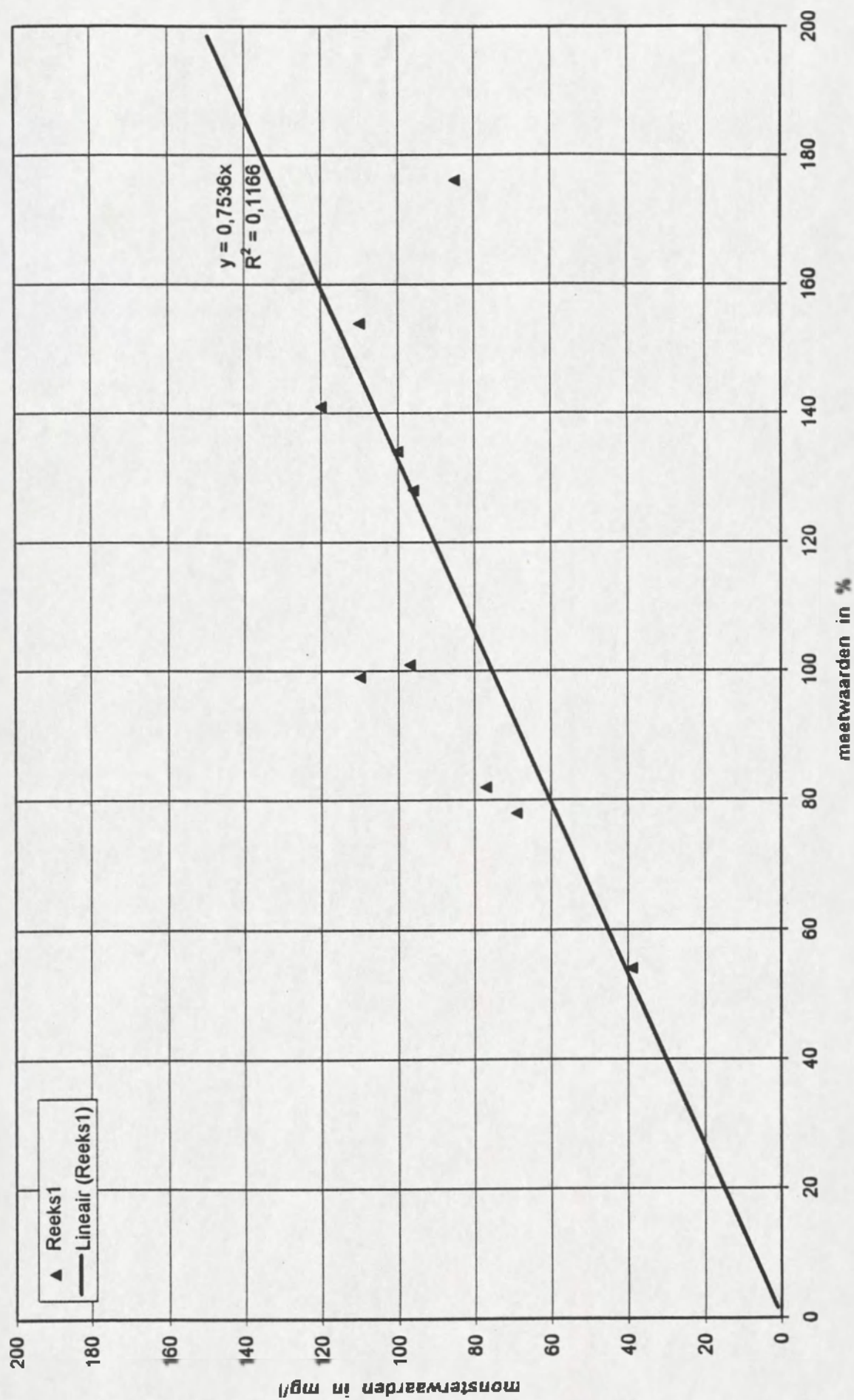
IJklijn MEX Kaloo
Raai 7 mp. 2
12 augustus 1999



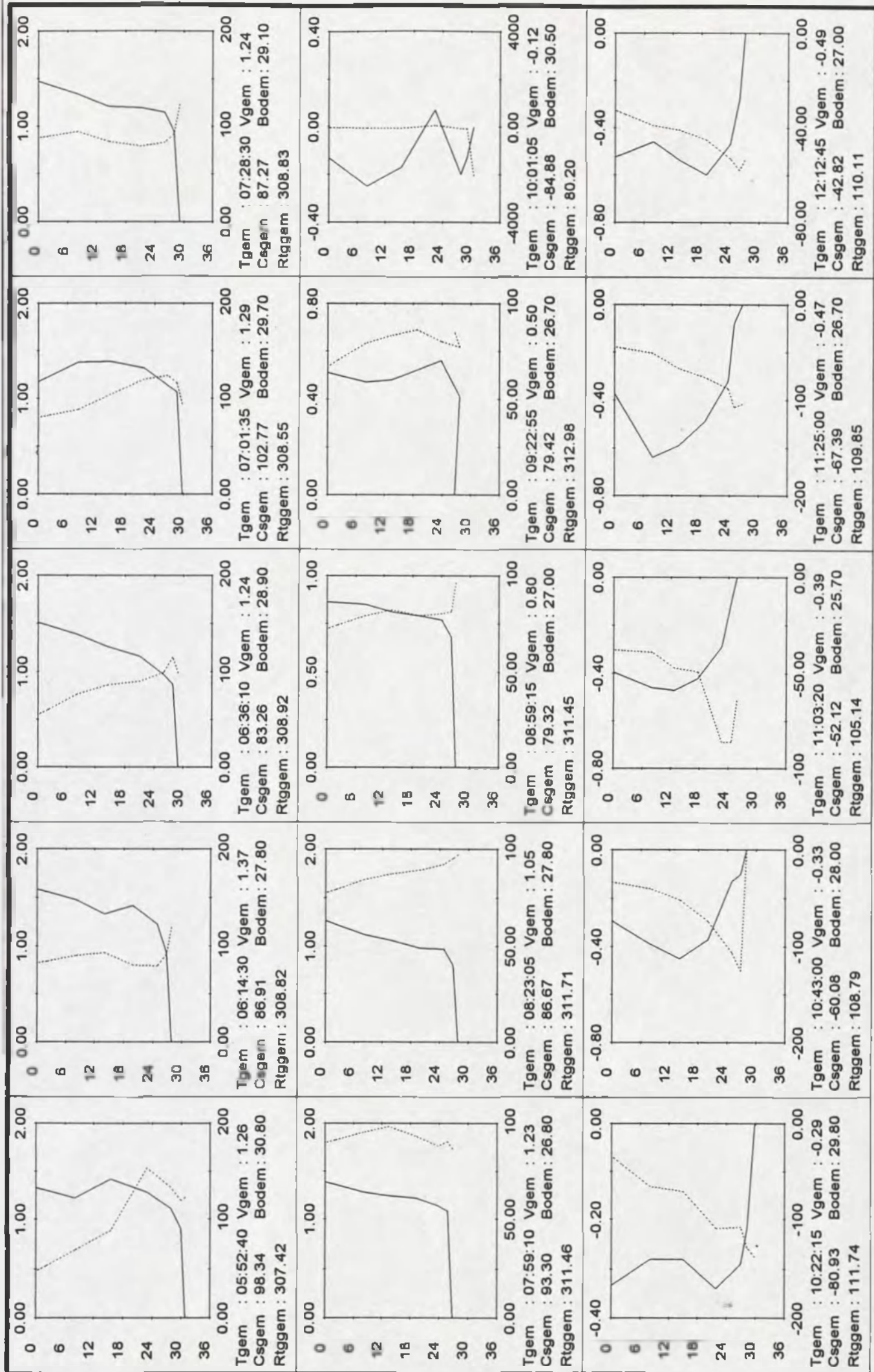
IJklijn MEX Sierix
Raai 7 mp. 3
11 augustus 1999

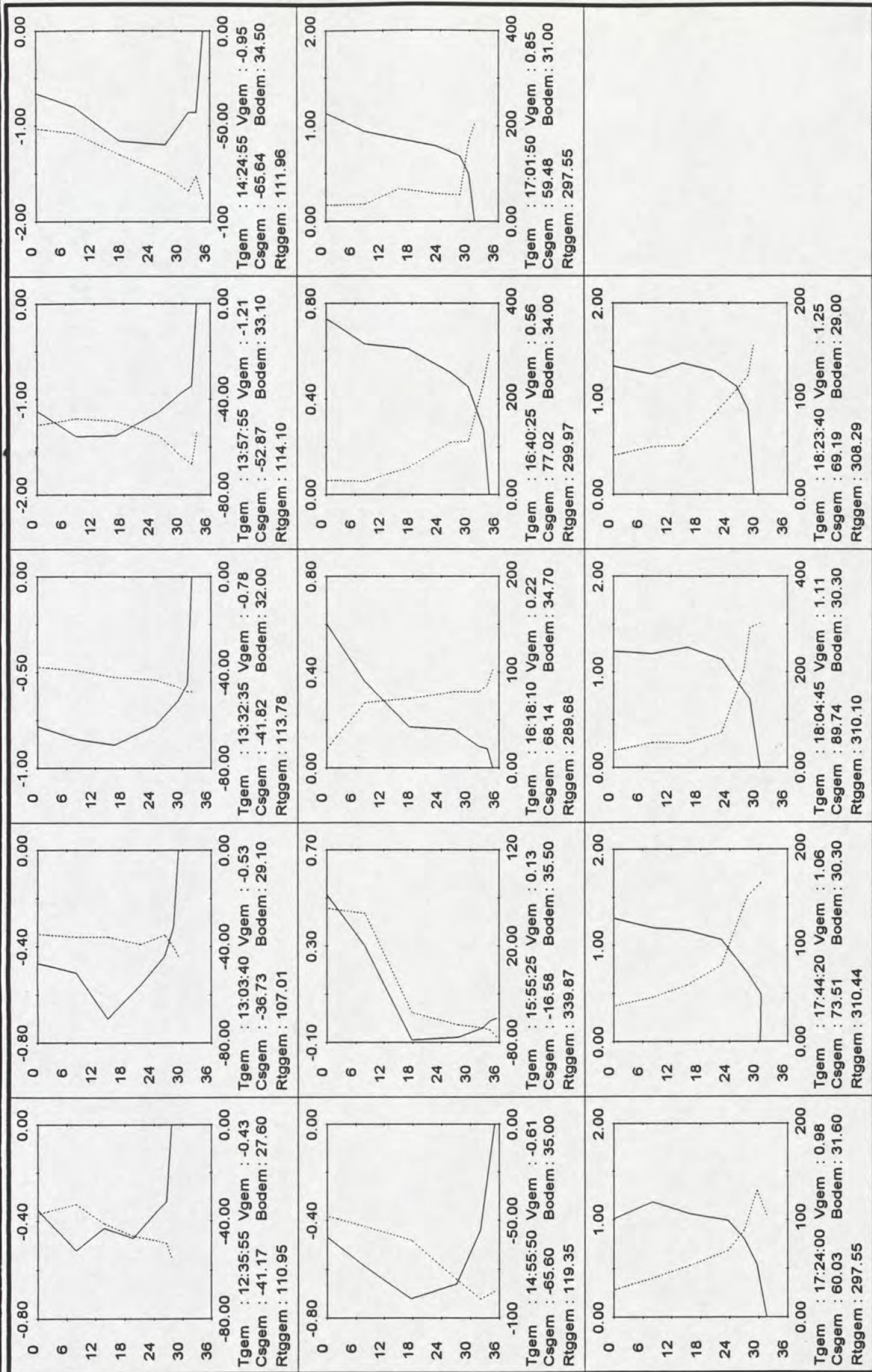


IJklijn MEX Kaloo
Raai 7 mp. 4
11 augustus 1999



13. Vertikalen slibconcentratie

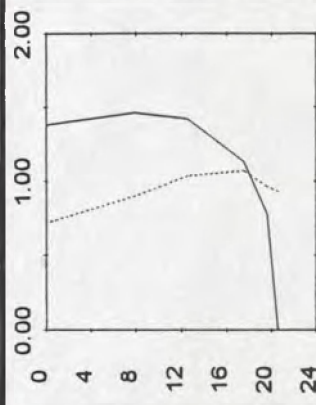




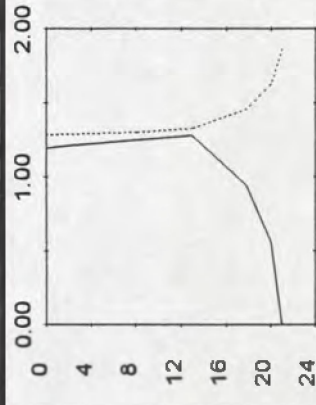
Rijkswaterstaat			Raai naam : Debietraal7			Gemiddelde tijd in uur:min:sec.			Gemiddelde STROOMSHRZT in m/s			STROOMSHRZT		
Directie Zeeland			Datum Opname : 12/08/1999			Gemiddelde SLIBCONCENTR in mg/l			Diepte in M			SLIBCONCENTR		
Meetdienst Zeeland			Streefvoetmaat : 141			Gemiddelde STROOMRTG in deg(360)			STROOMSHRZT in cm/s					
			Vaartuig : SienxMP.1			Bodemhoogte in M			X as onder					



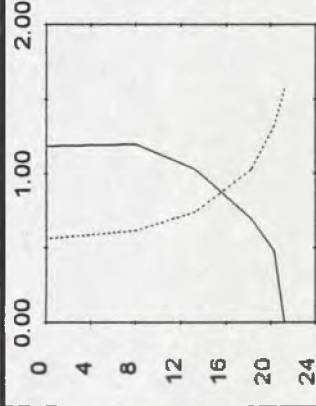
Tgem : 06:49:25 Vgem : 1.15
Csgem : 52.09 Bodem : 20.20
Rtggem : 309.17



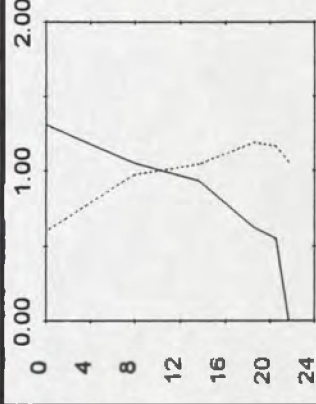
Tgem : 06:30:45 Vgem : 1.30
Csgem : 37.19 Bodem : 20.60
Rtggem : 307.49



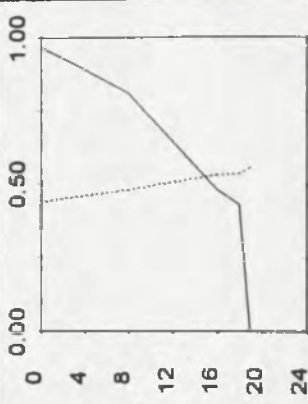
Tgem : 06:13:35 Vgem : 1.12
Csgem : 27.37 Bodem : 21.00
Rtggem : 308.47



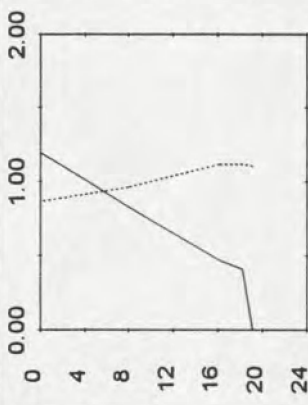
Tgem : 05:57:25 Vgem : 1.00
Csgem : 30.96 Bodem : 21.20
Rtggem : 309.01



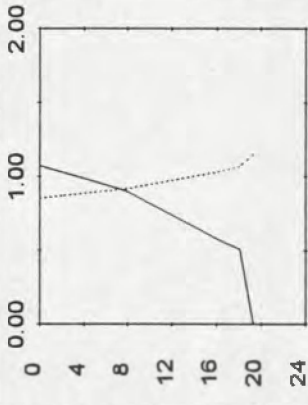
Tgem : 05:40:00 Vgem : 0.95
Csgem : 38.81 Bodem : 21.70
Rtggem : 306.60



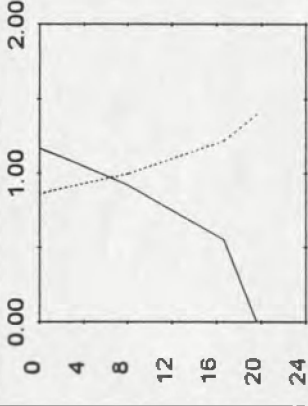
Tgem : 08:20:35 Vgem : 0.71
Csgem : 39.21 Bodem : 18.90
Rtggem : 307.68



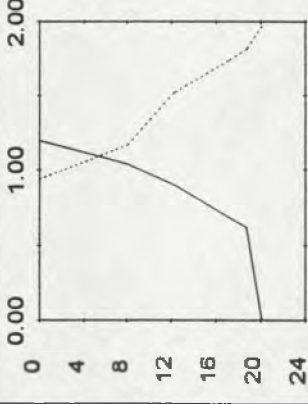
Tgem : 08:06:10 Vgem : 0.75
Csgem : 39.95 Bodem : 19.10
Rtggem : 306.68



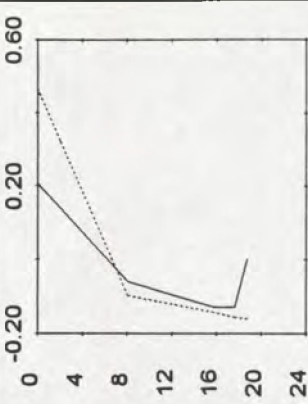
Tgem : 07:51:40 Vgem : 0.80
Csgem : 38.19 Bodem : 19.30
Rtggem : 307.45



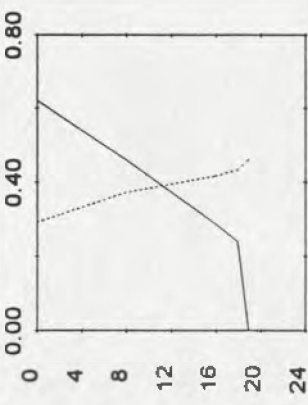
Tgem : 07:34:40 Vgem : 0.82
Csgem : 42.59 Bodem : 19.60
Rtggem : 307.92



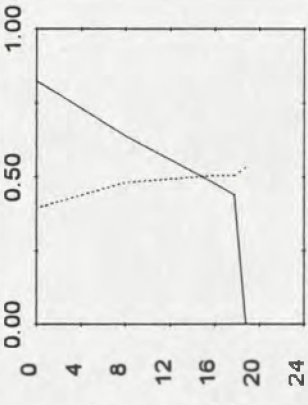
Tgem : 07:11:55 Vgem : 0.93
Csgem : 54.77 Bodem : 20.10
Rtggem : 309.19



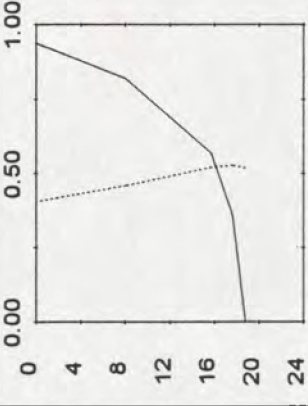
Tgem : 09:59:25 Vgem : -0.03
Csgem : -13.53 Bodem : 18.70
Rtggem : 56.93



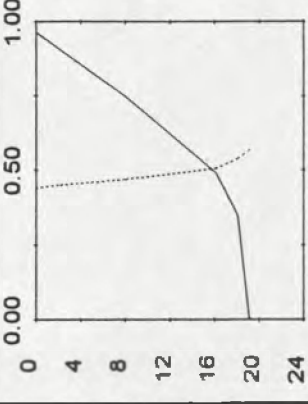
Tgem : 09:22:45 Vgem : 0.42
Csgem : 37.35 Bodem : 18.90
Rtggem : 309.78



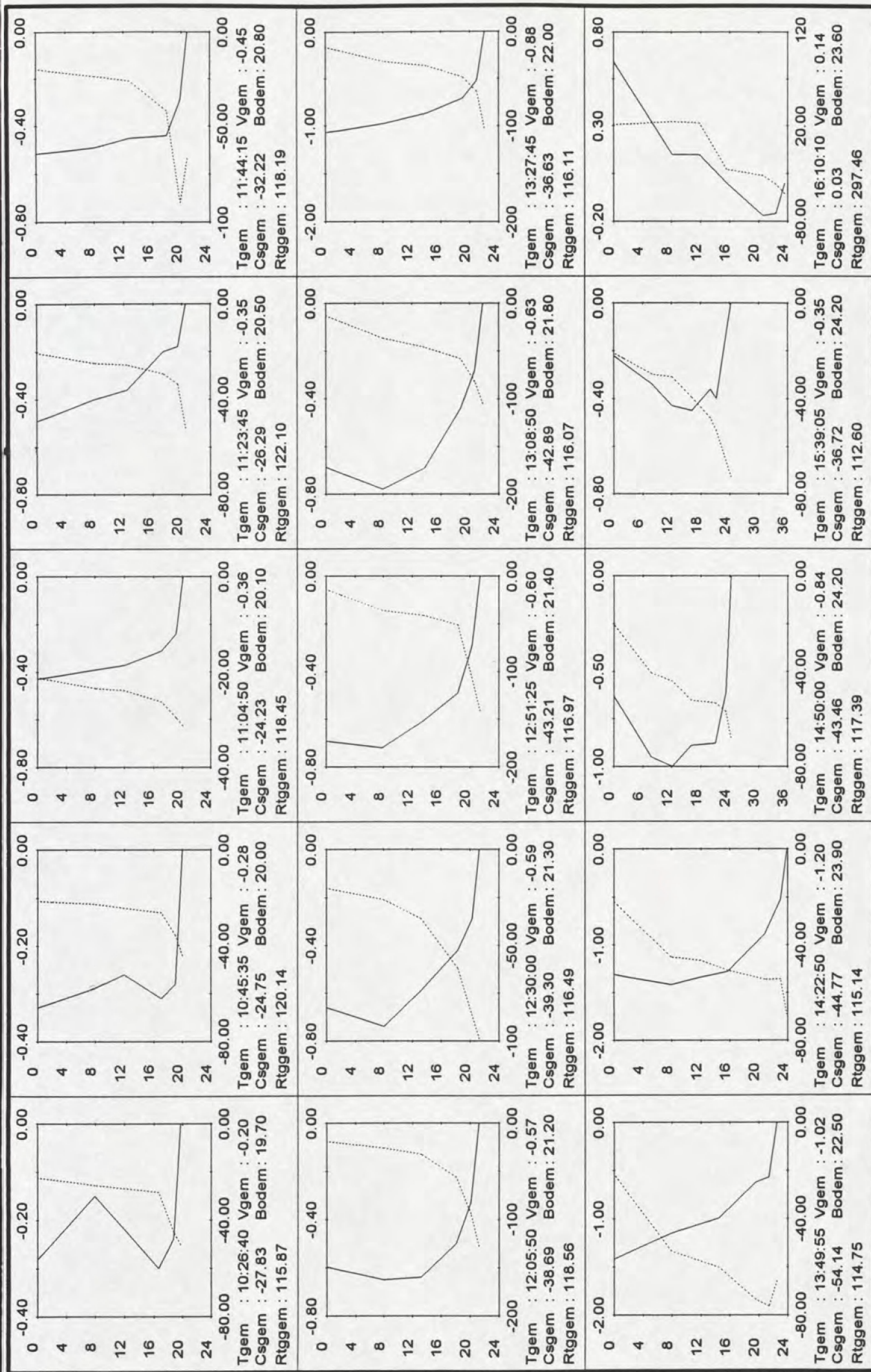
Tgem : 09:04:20 Vgem : 0.61
Csgem : 37.70 Bodem : 18.80
Rtggem : 309.07

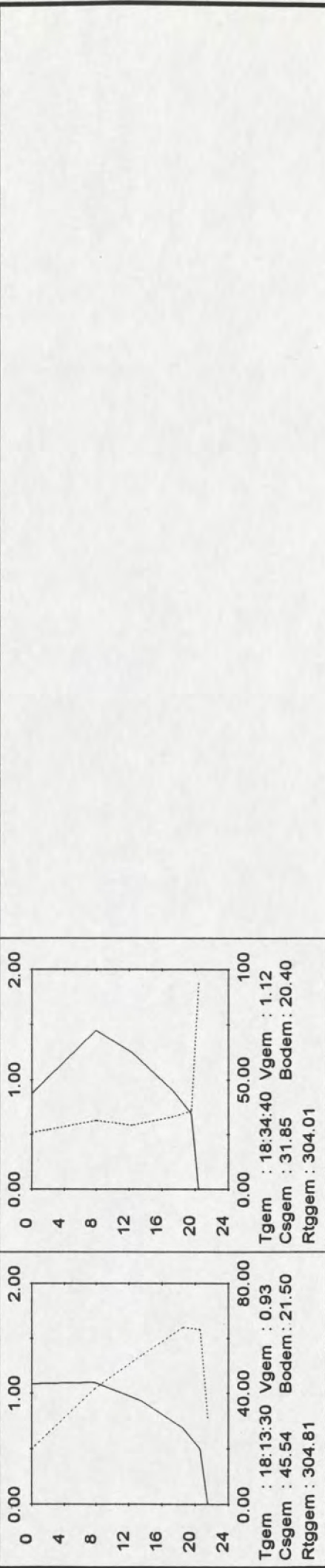
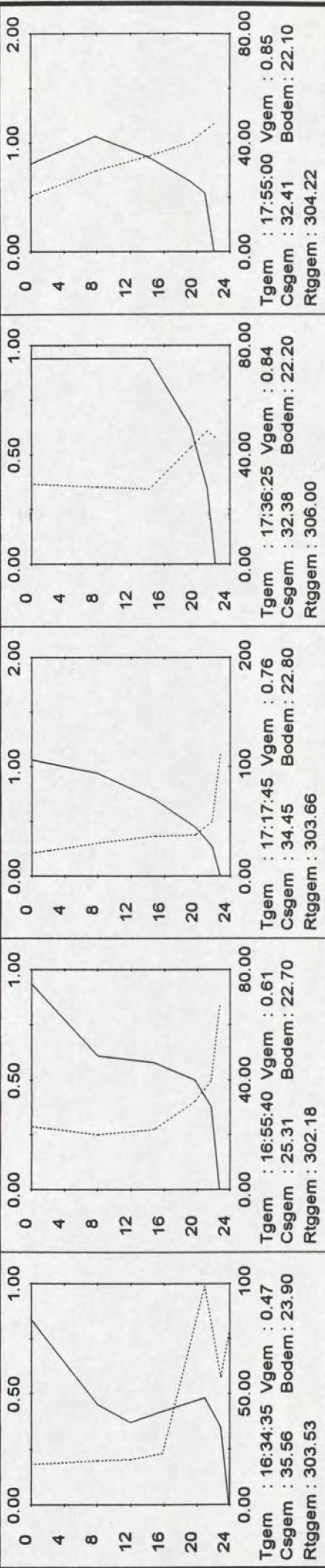


Tgem : 08:50:30 Vgem : 0.72
Csgem : 37.69 Bodem : 18.80
Rtggem : 308.98

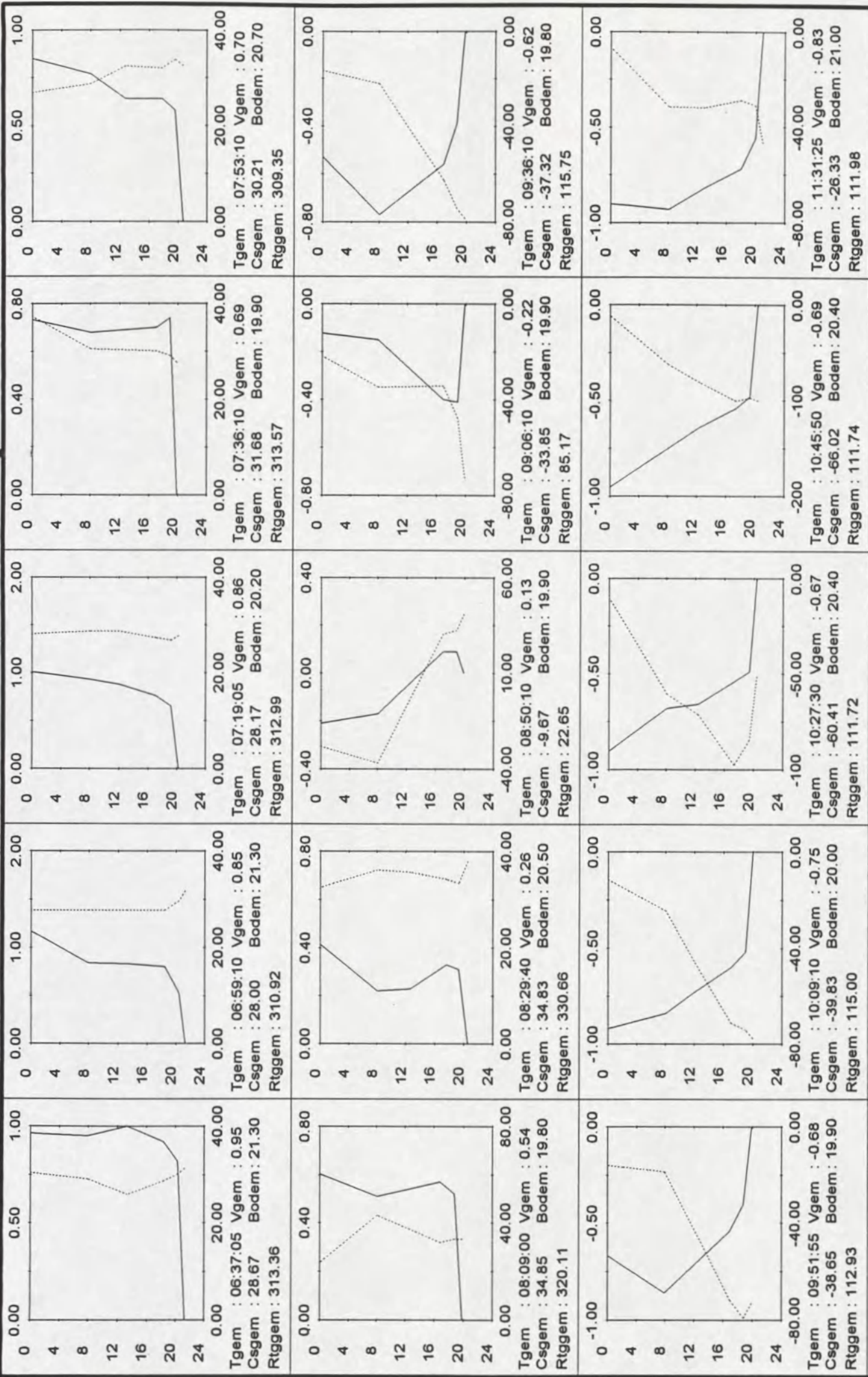


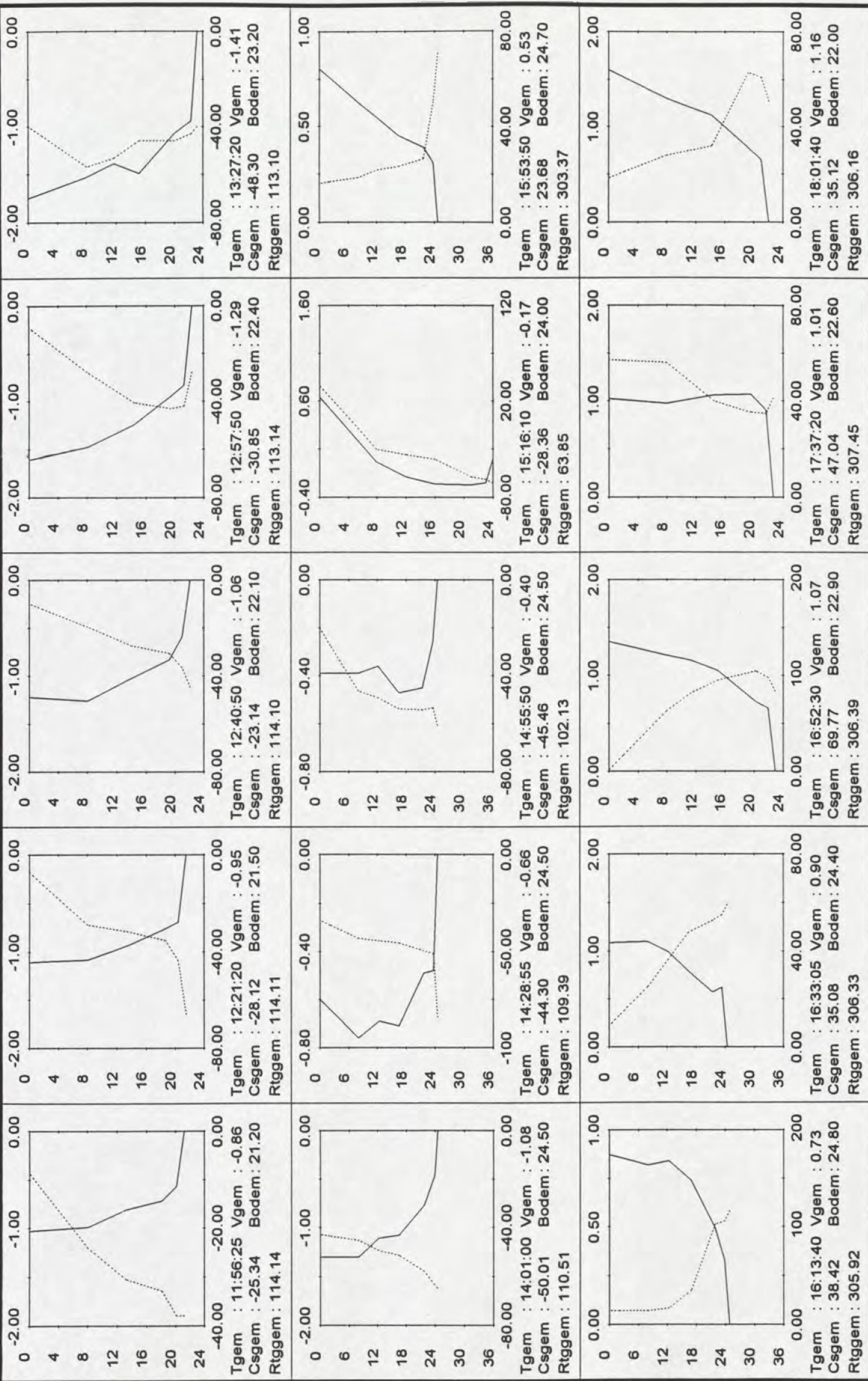
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Csgem : 38.42 Bodem : 19.10
Rtggem : 307.89

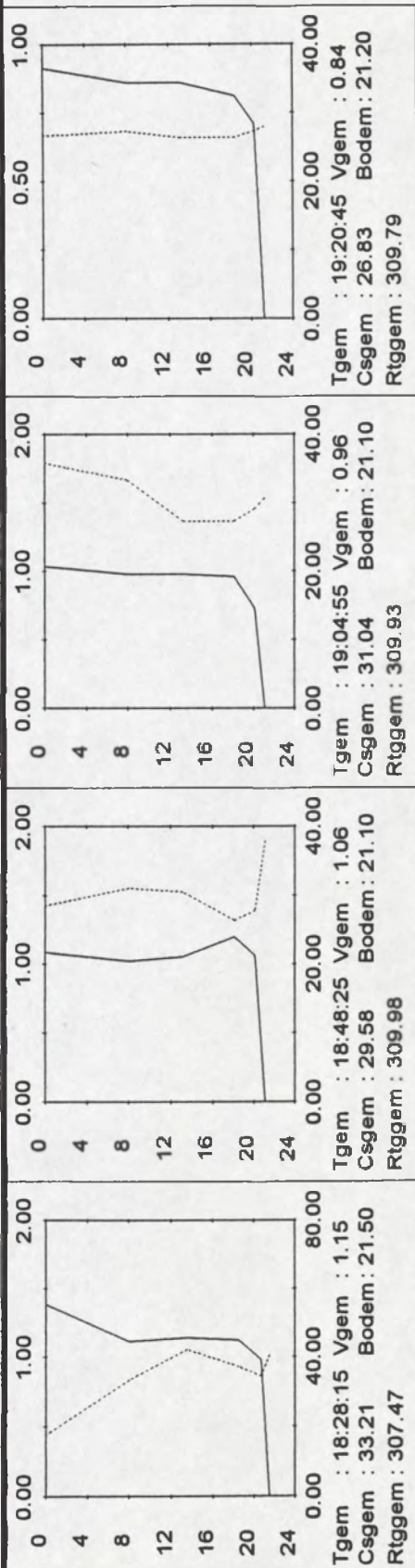




Rijkswaterstaat		Raanaam	: Debietraai7	Tgem		Gemiddelde STROOMSHHRZT in m/s	STROOMSHHRZT
Directie Zeeland		Datum Opname	: 12/08/1999	Csgem		: Diepte in M	SLIBCONCENTR
Meetdienst Zeeland		Streefvoetmaat	: 669	Rtggem		: STROOMSHHRZT in cm/s	
		Vaartuig	: KalooMP.2	Bodem		: SLIBCONCENTR in mg/l	







Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

Raainaam : Debieltraal7
 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(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

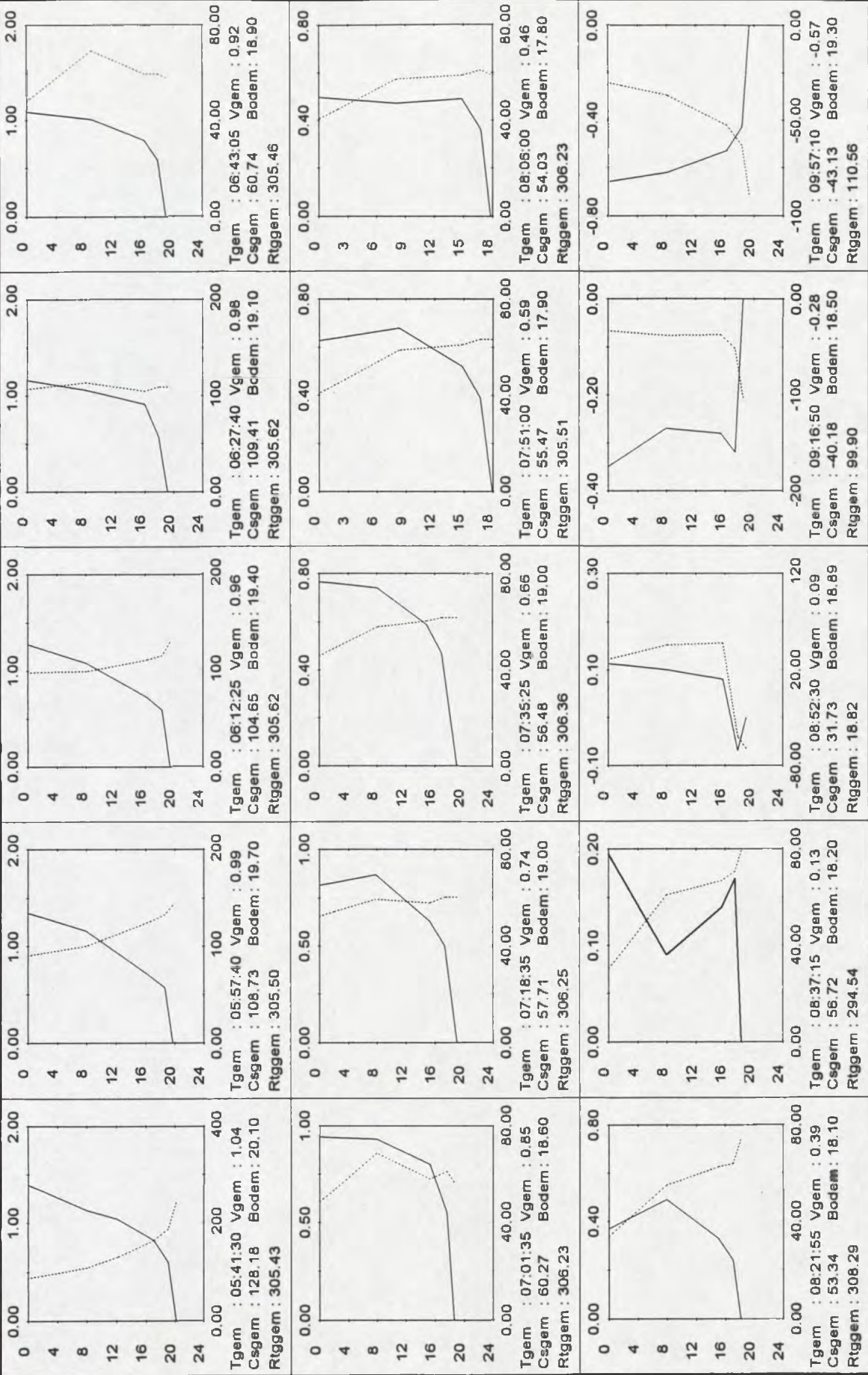
Meetdienst Zeeland

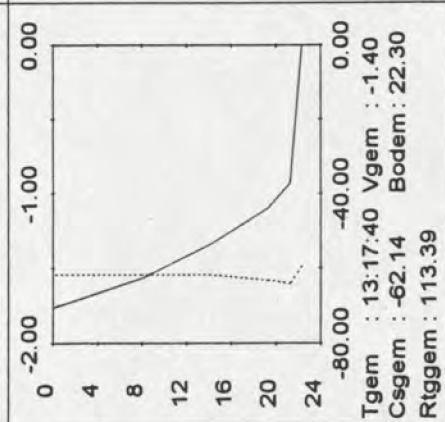
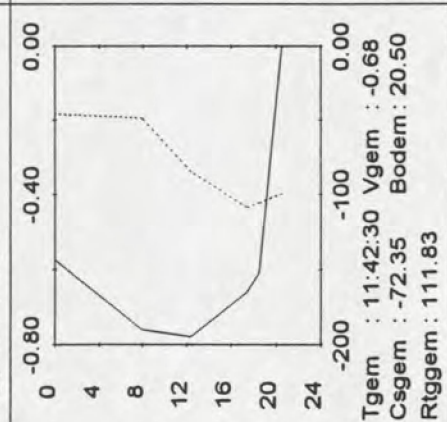
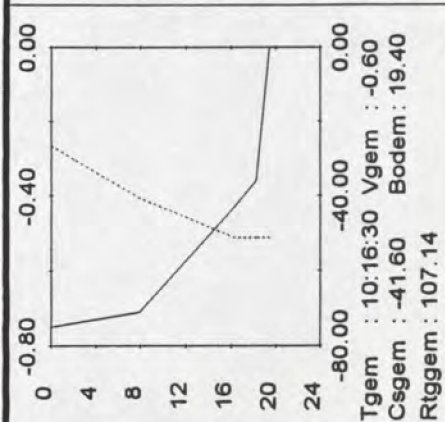
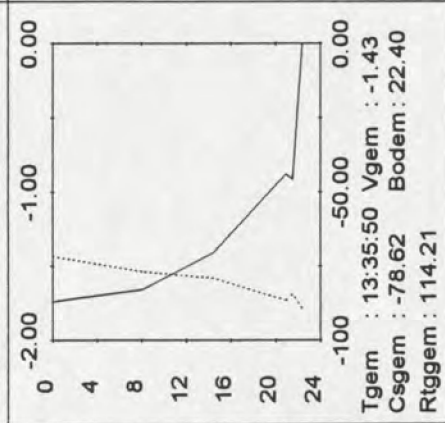
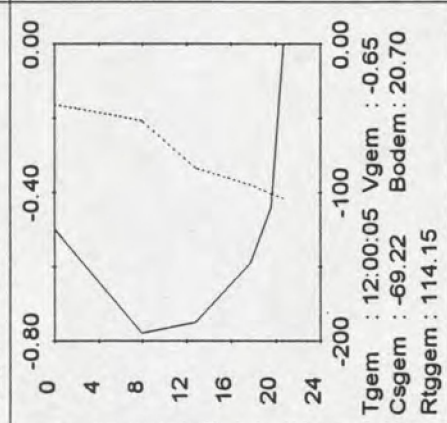
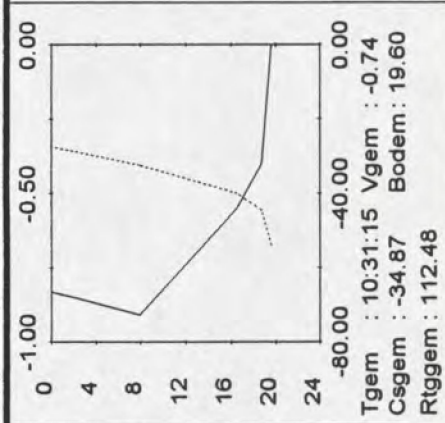
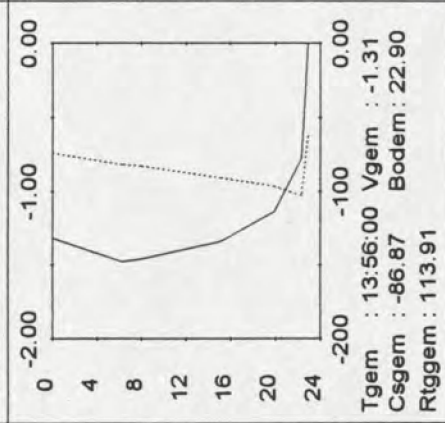
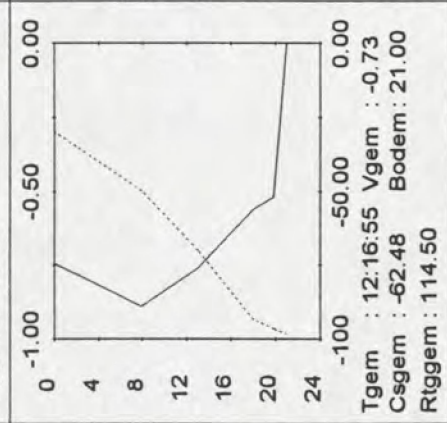
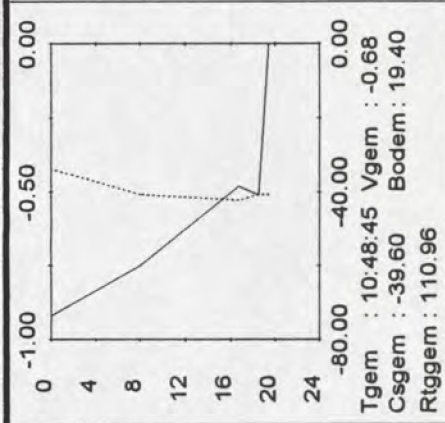
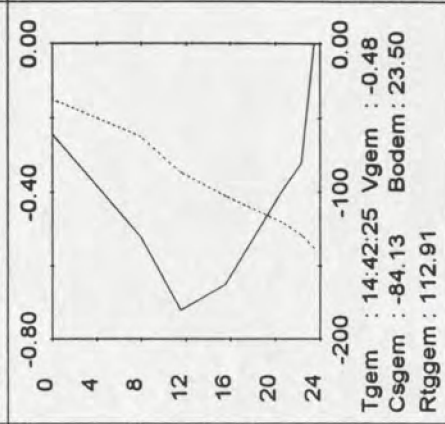
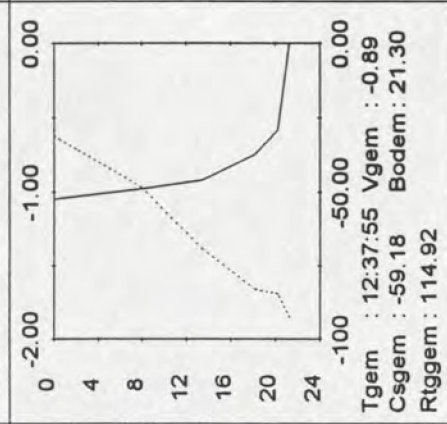
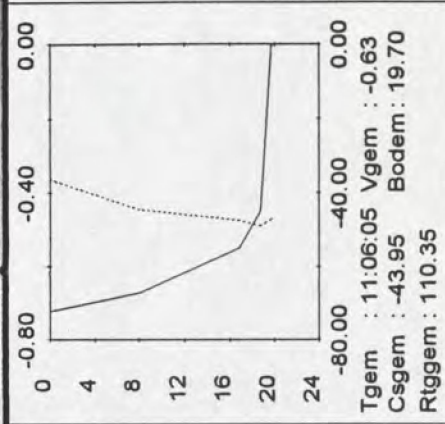
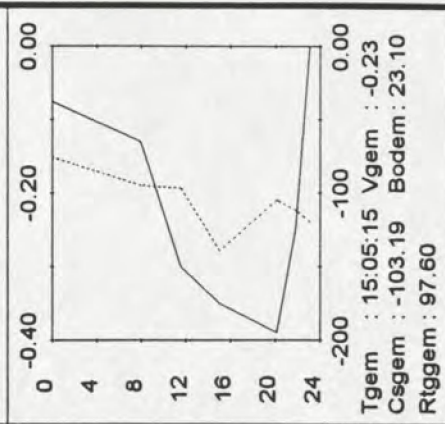
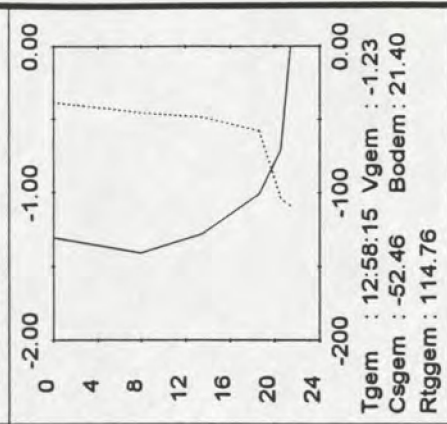
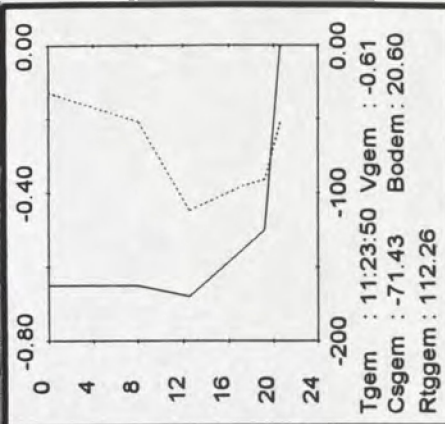
Raai naam : Debietraai 7
 Datum Opname : 11/08/1999
 Sireefvoetmaat : 3971
 Vaartuig : KalooMP 4

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

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

STROOMSHRZT
 SLIBCONCENTR





Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

Tgem	: Gemiddelde tijd in uu:min:sec.
Csgem	: Gemiddelde SLIBCONCENTR
Rtgem	: Gemiddelde STROOMRTG in
Bodem	: Bodemhoogte in M

Vgem
Y as
X as boven
X as onder

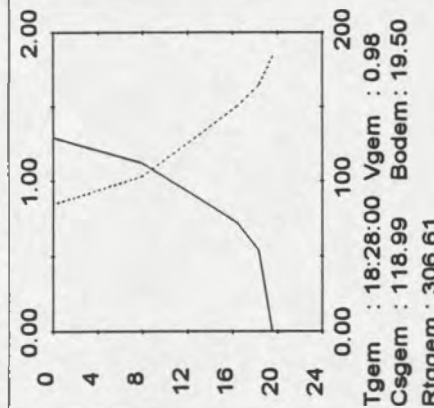
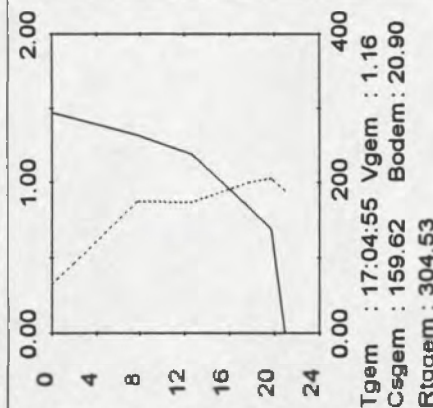
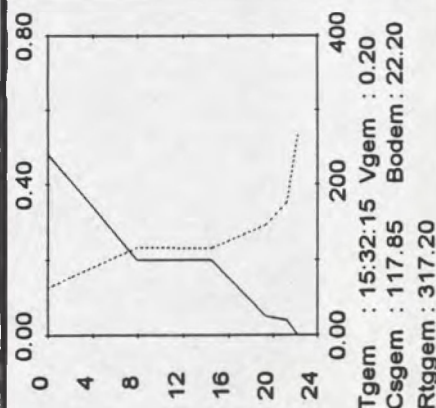
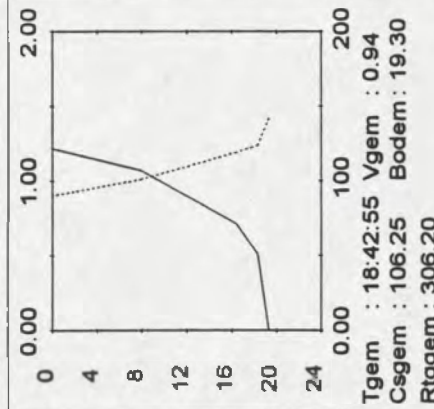
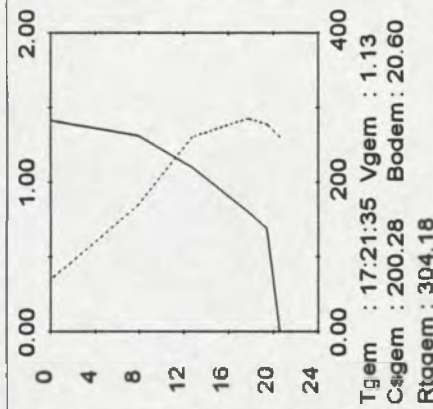
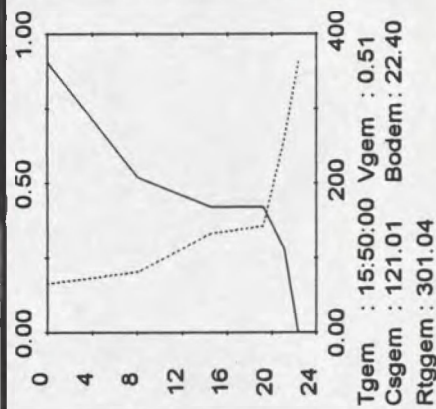
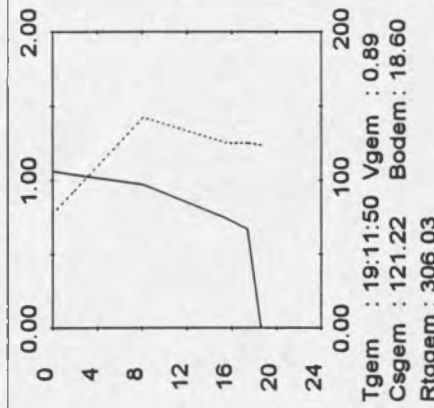
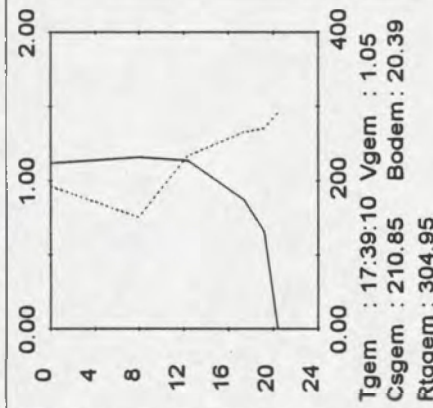
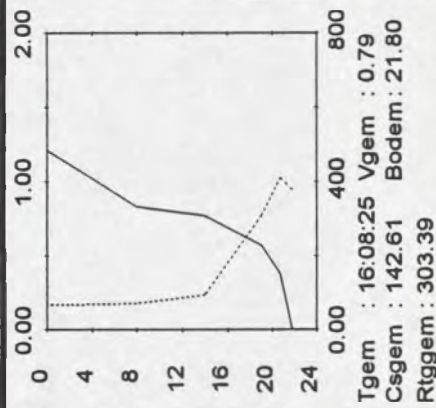
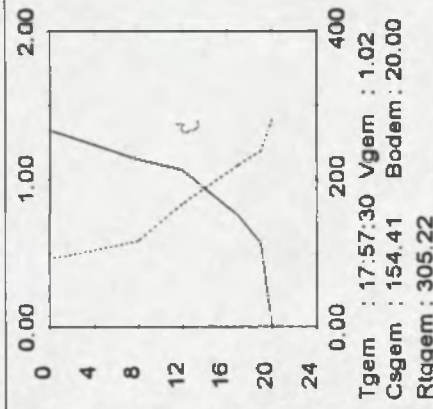
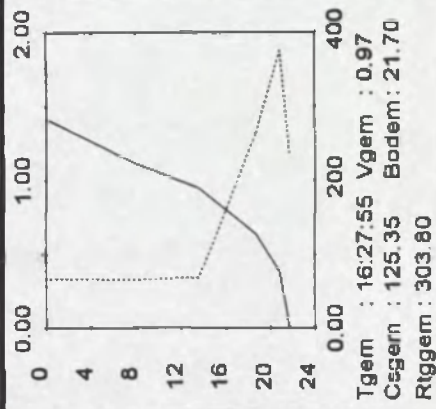
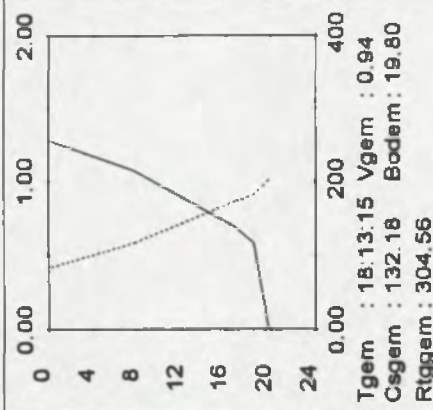
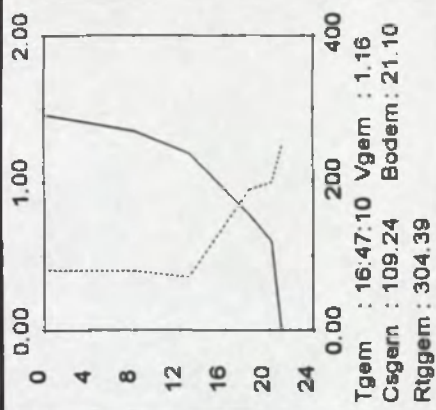
: Gemiddelde STROOMSHH
: Diepte in M
: STROOMSHRZT in cm/s
: SLIBCONCENTR in mg/l

m/s

STROOMSHRZT
SLIBCONCENTR

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

Vgem
Y as
X as boven
X as onder



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

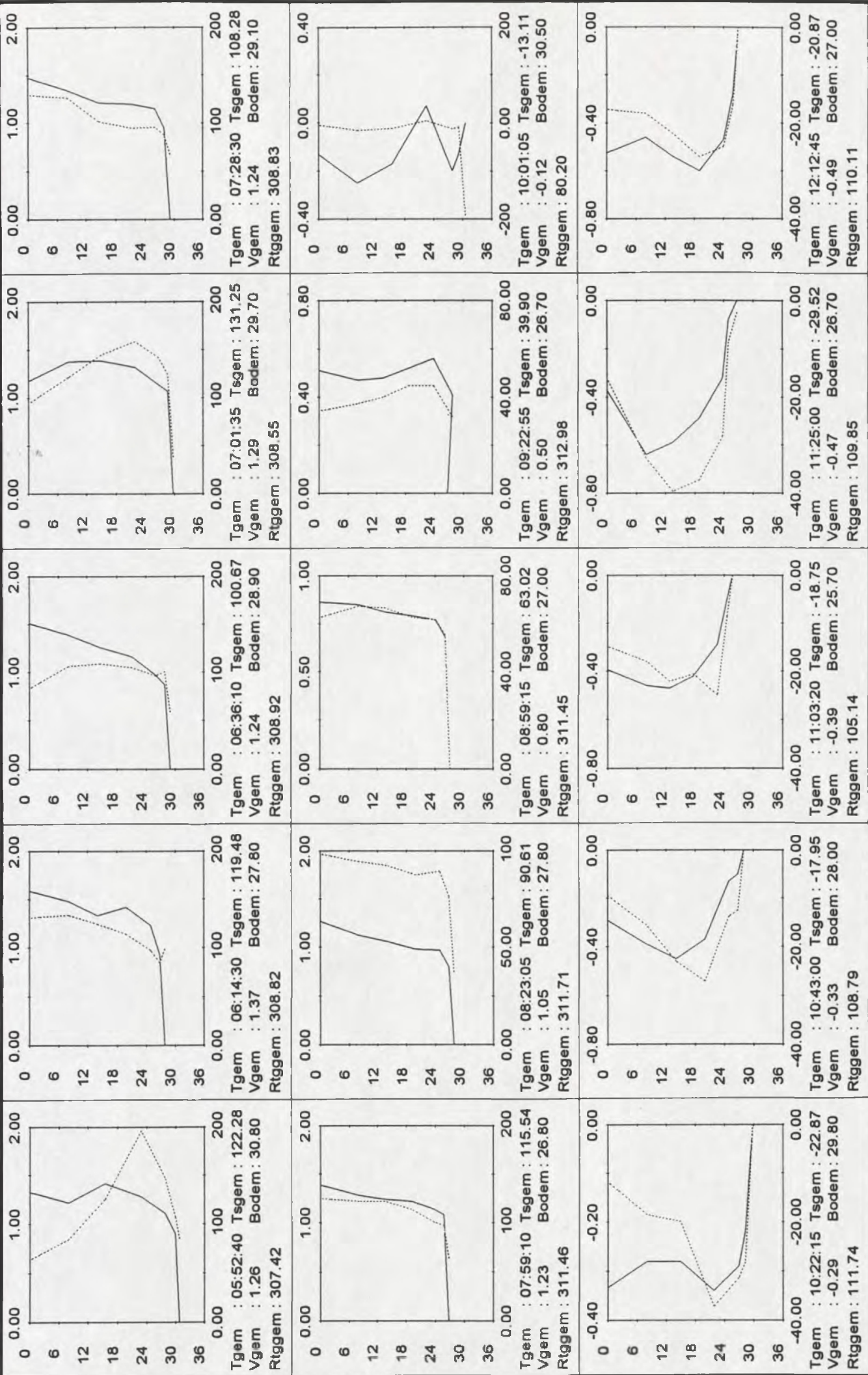
Raanaam : Debietraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KalooMP.4

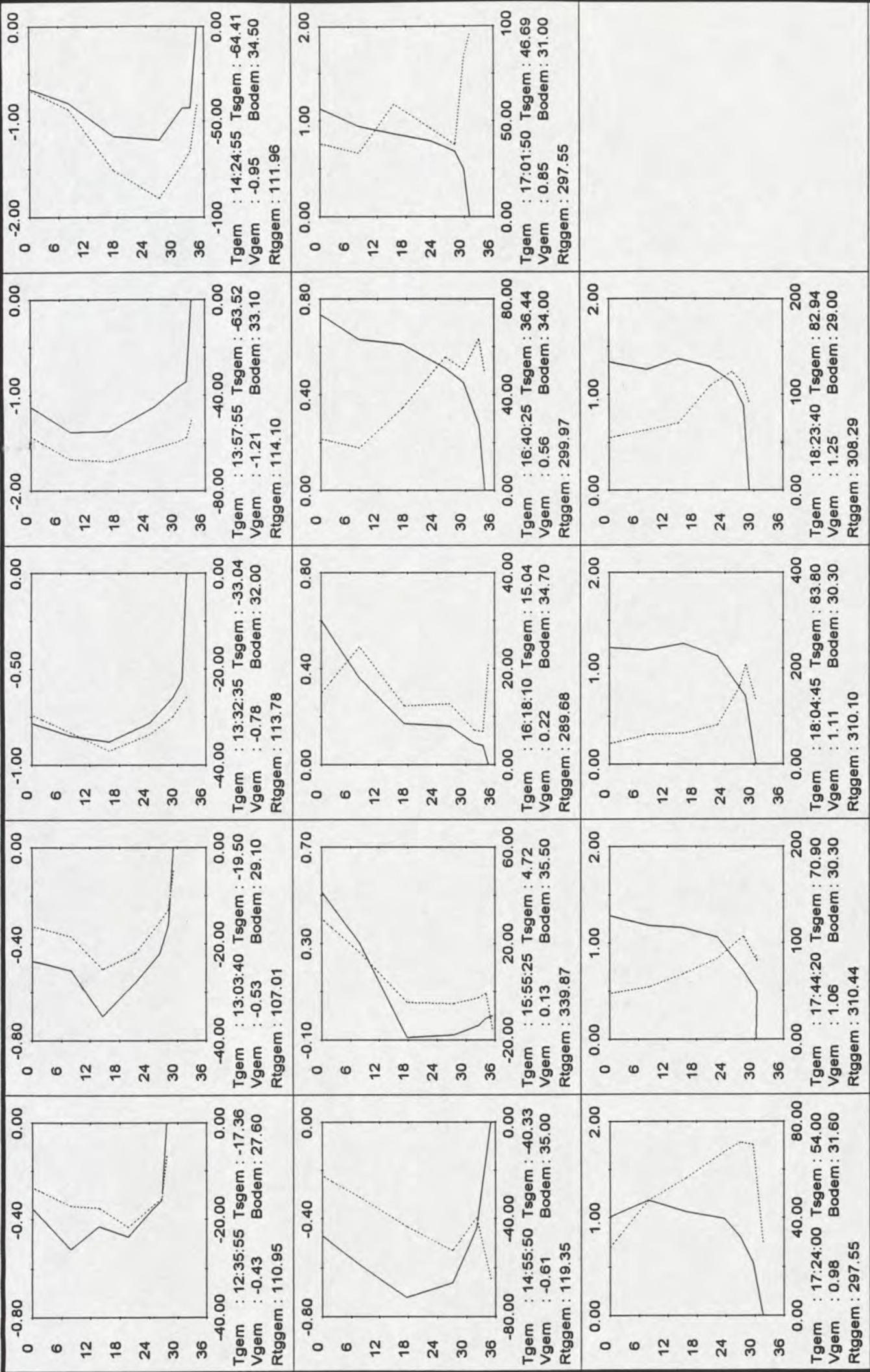
: Gemiddelde tijd in uur: min: sec. Vgem
: Gemiddelde SLIBCONCENTR in mg/l Y as
: Gemiddelde STROOMTG in deg/(360X as boven
: Bodemhoogte in M X as onder

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

STROOMSHRZT
SLIBCONCENTR

14. Vertikalen slibtransport



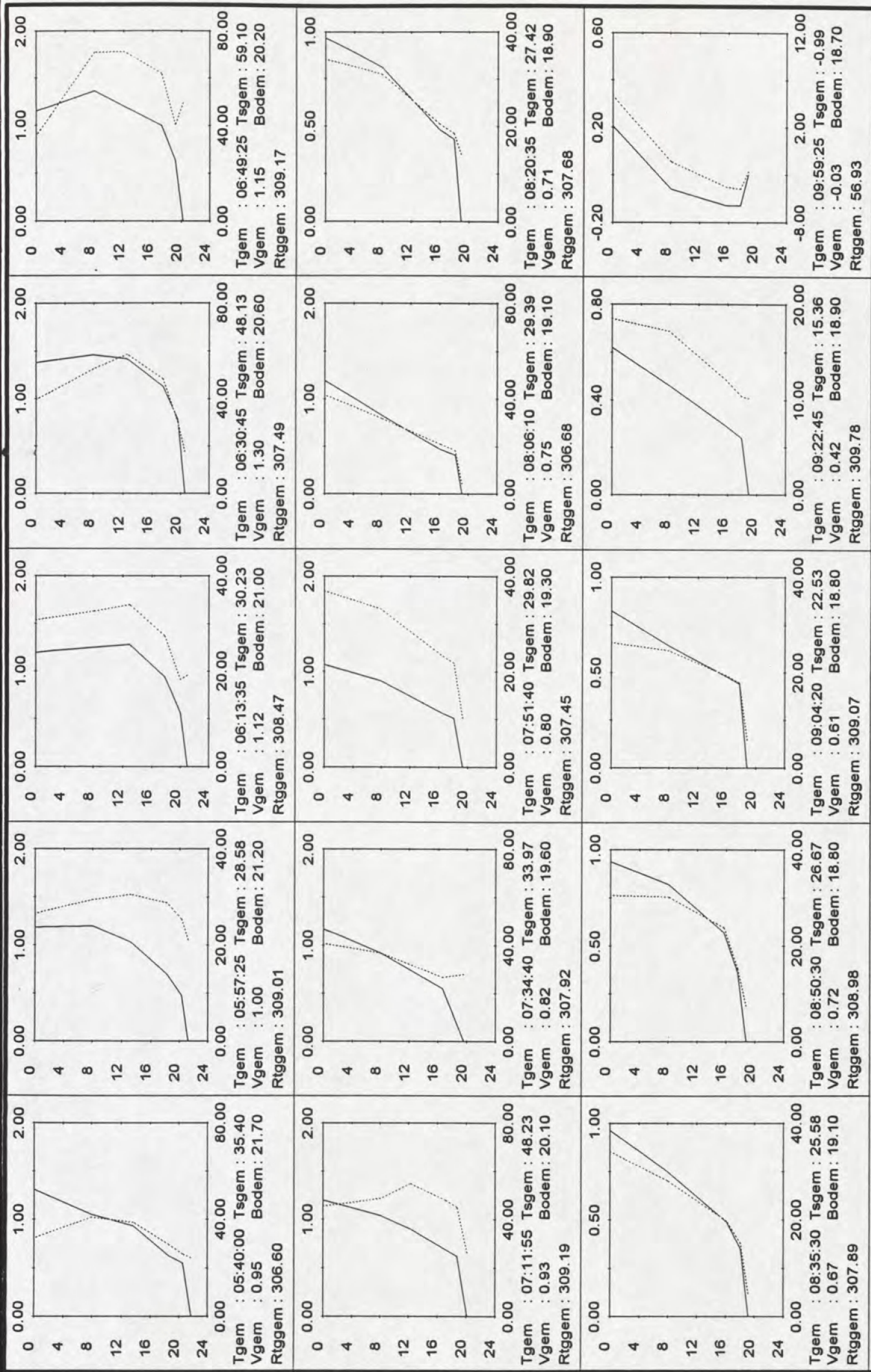


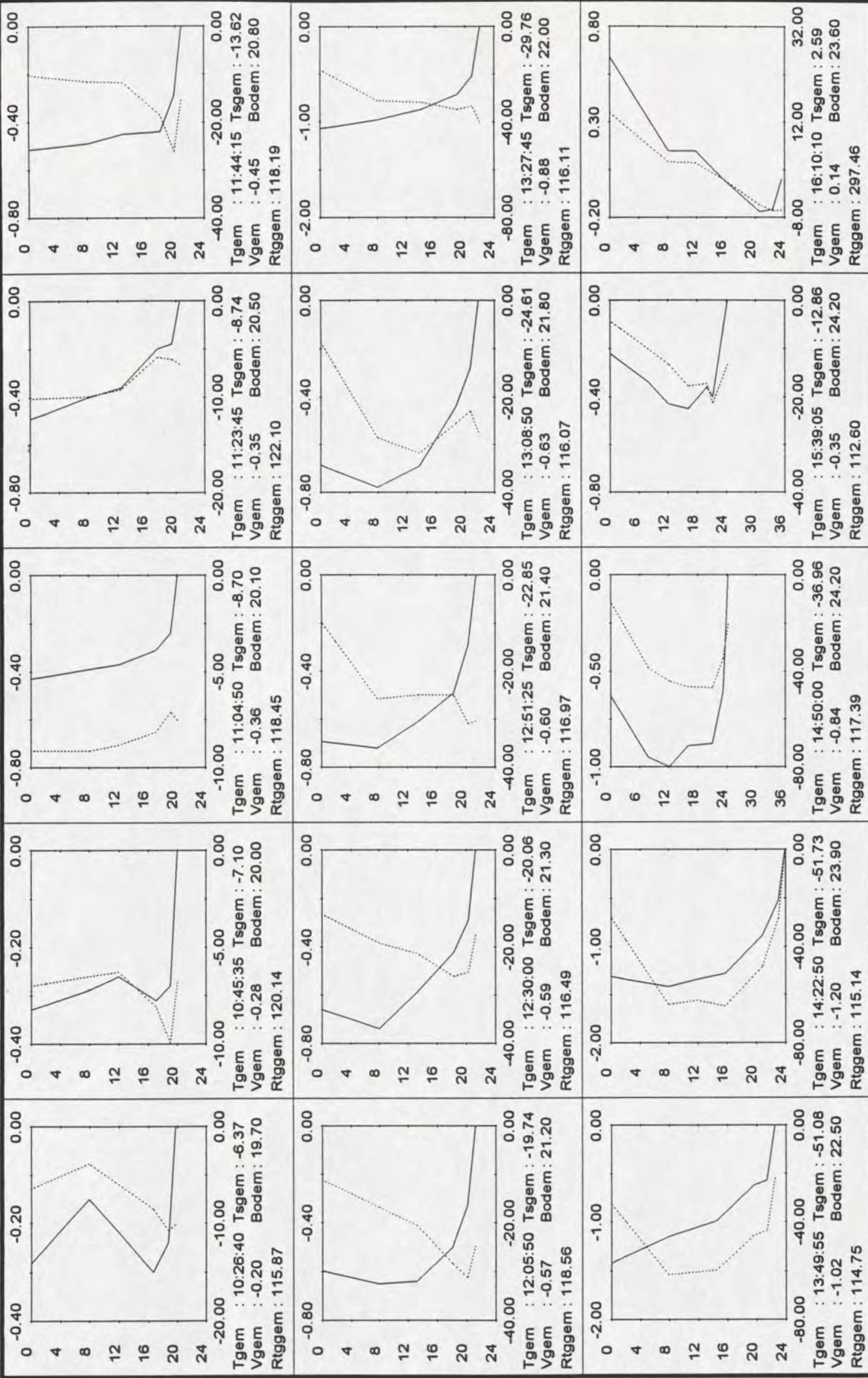
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

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

STROOMSHRZT
SLIBTRANSP





Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

Tsgem : 10:26:40
Rtgem : 115.87
Bodem : 19.70

Tsgem : 10:45:35
Rtgem : 120.14
Bodem : 20.00

Tsgem : 11:04:50
Rtgem : 118.45
Bodem : 20.10

Tsgem : 11:23:45
Rtgem : 122.10
Bodem : 20.50

Tsgem : 12:05:50
Rtgem : 118.56
Bodem : 21.20

Tsgem : 12:30:00
Rtgem : 116.49
Bodem : 21.30

Tsgem : 12:51:25
Rtgem : 116.97
Bodem : 21.40

Tsgem : 13:08:50
Rtgem : 116.07
Bodem : 21.80

Tsgem : 13:49:55
Rtgem : 114.75
Bodem : 22.50

Tsgem : 14:22:50
Rtgem : 115.14
Bodem : 23.90

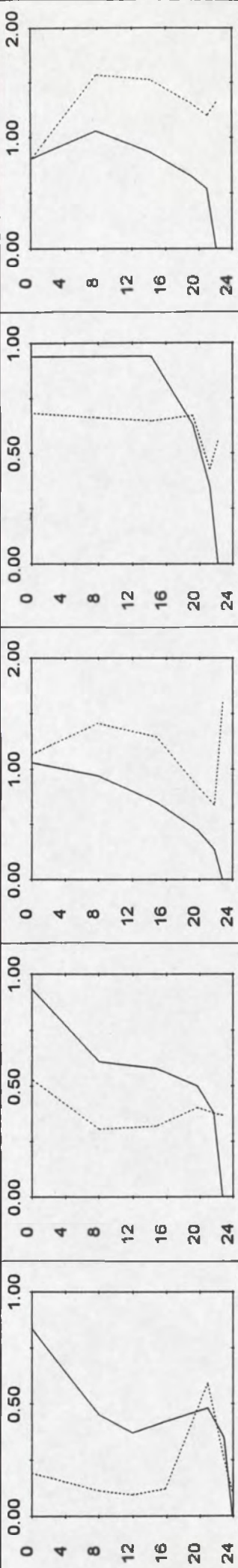
Tsgem : 14:50:00
Rtgem : 117.39
Bodem : 24.20

Tsgem : 15:39:05
Rtgem : 112.60
Bodem : 24.20

Tsgem : 16:10:10
Rtgem : 297.46
Bodem : 23.60

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

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



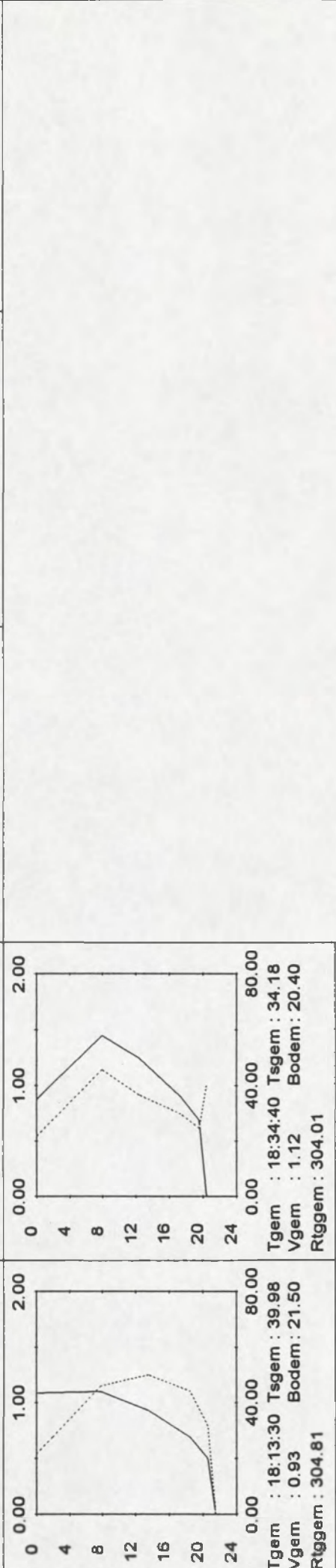
Tgem : 16:34:35 Tsgem : 16.42
Vgem : 0.47 Bodem : 23.90
Rtggem : 303.53

Tgem : 16:55:40 Tsgem : 14.91
Vgem : 0.61 Bodem : 22.70
Rtggem : 302.18

Tgem : 17:36:25 Tsgem : 25.94
Vgem : 0.84 Bodem : 22.20
Rtggem : 306.00

Tgem : 17:55:00 Tsgem : 26.87
Vgem : 0.85 Bodem : 22.10
Rtggem : 304.22

Tgem : 17:17:45 Tsgem : 23.93
Vgem : 0.76 Bodem : 22.80
Rtggem : 303.66



Tgem : 18:34:40 Tsgem : 34.18
Vgem : 1.12 Bodem : 20.40
Rtggem : 304.01

Tgem : 18:13:30 Tsgem : 39.98
Vgem : 0.93 Bodem : 21.50
Rtggem : 304.81

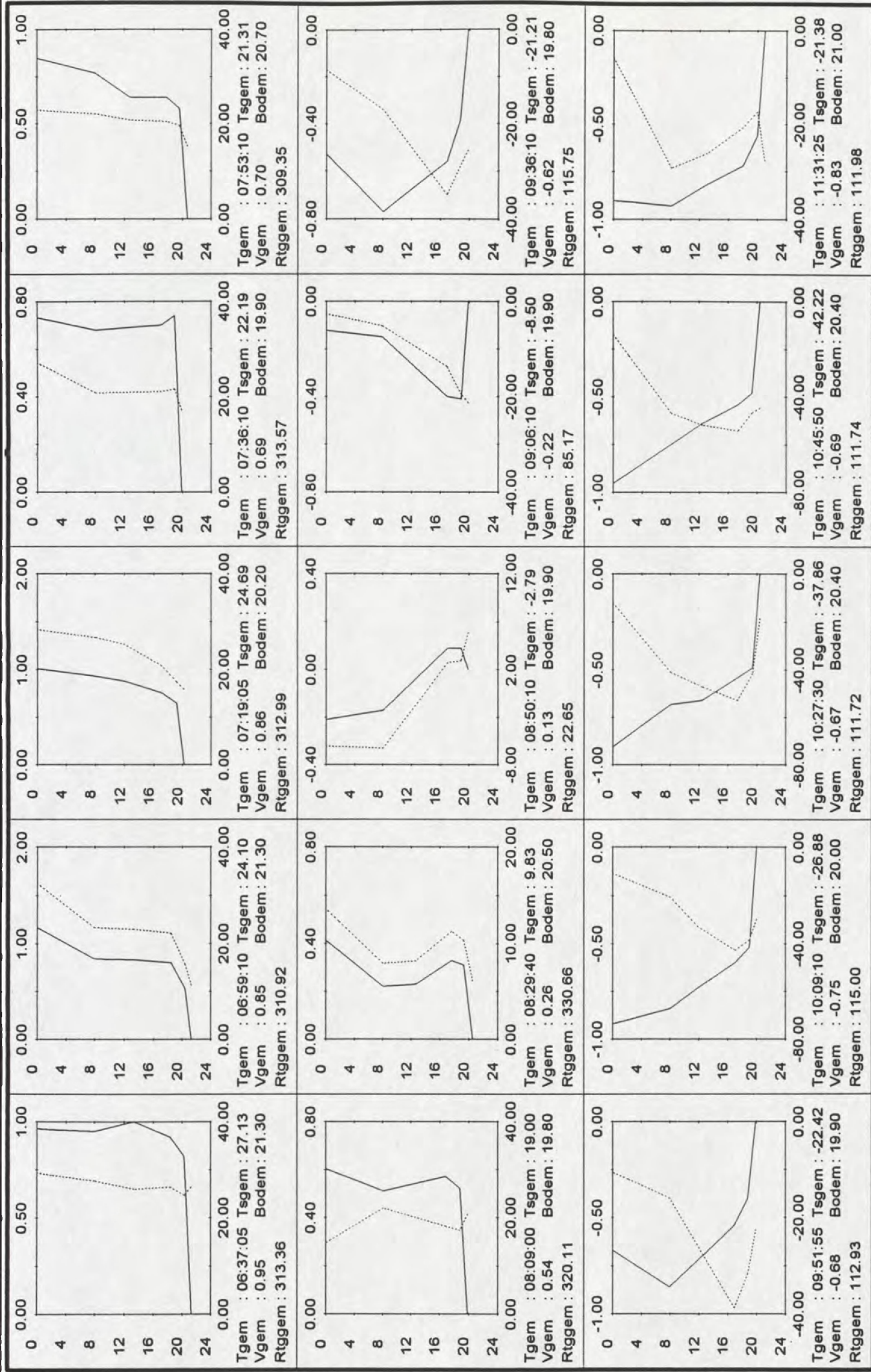
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

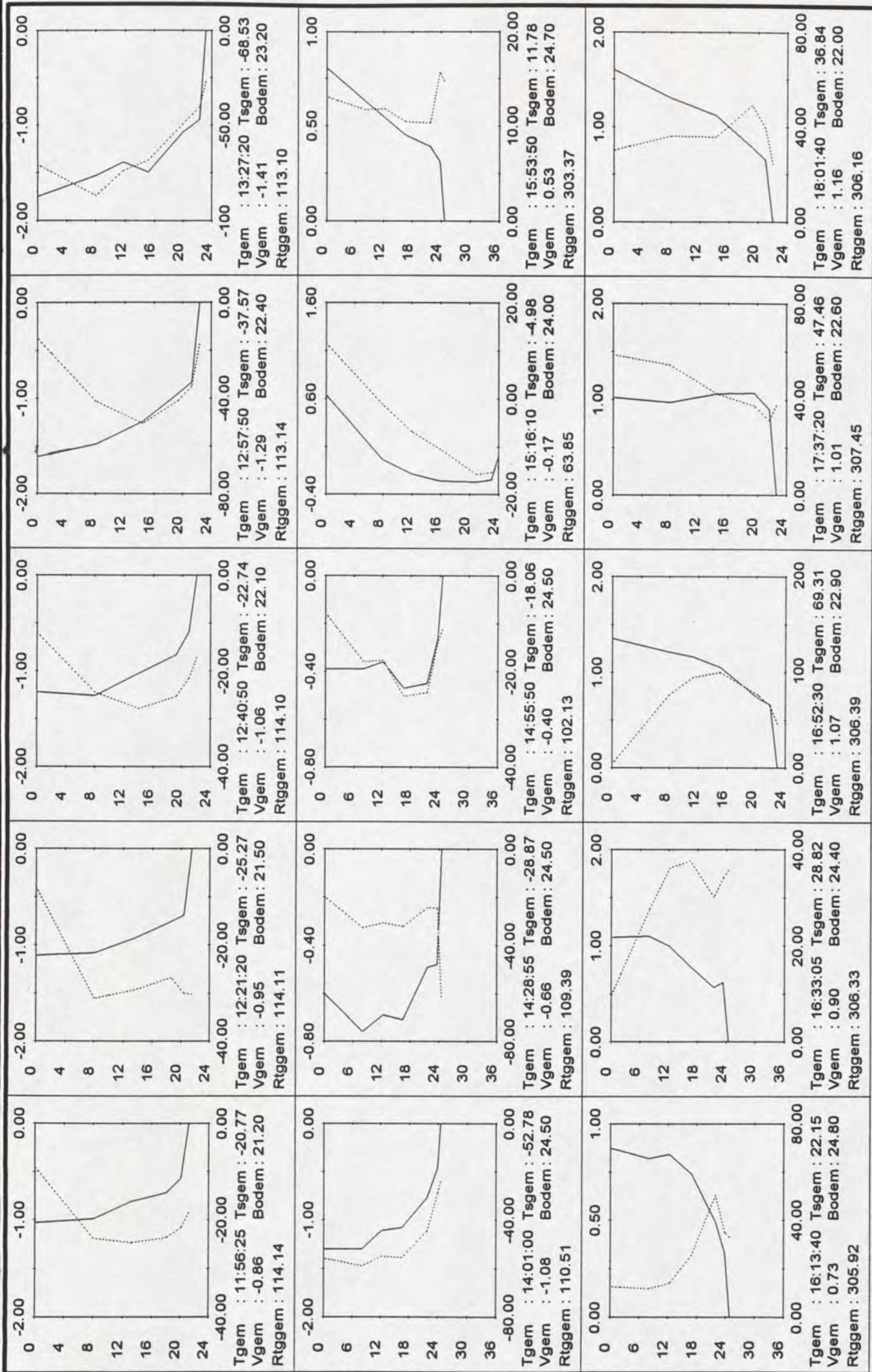
Raai naam : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalooMP.2

Tgem :
Tsgem :
Rtggem :
Bodem :

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

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





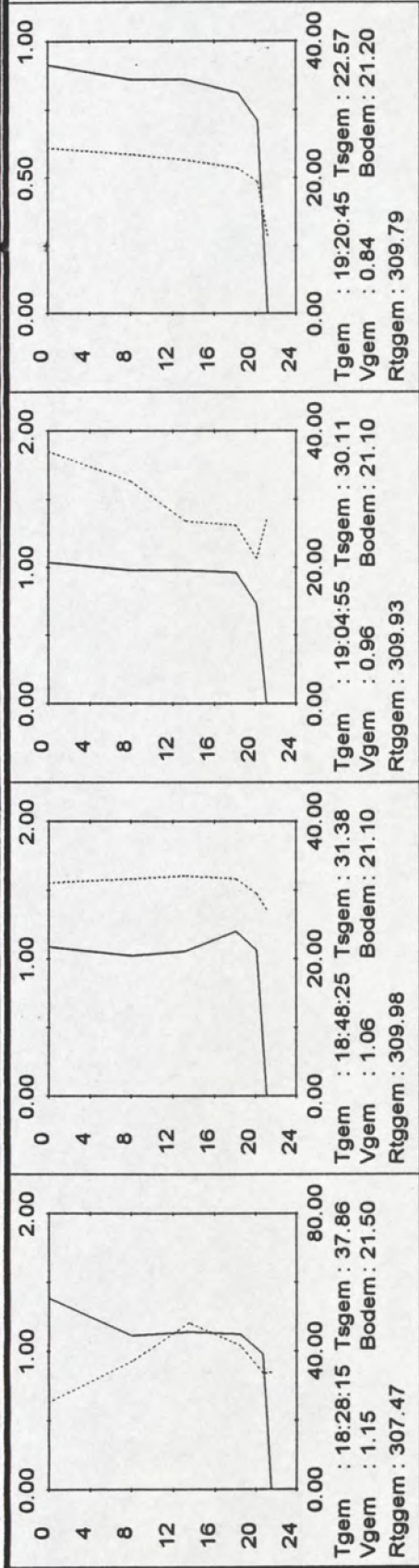
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raaienaar : Debietaal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3477
Vaartuig : SierixMP.3

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

Vgem
X as onder

Gemiddelde STROOMSHRZT in m/s
SLIBTRANS



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

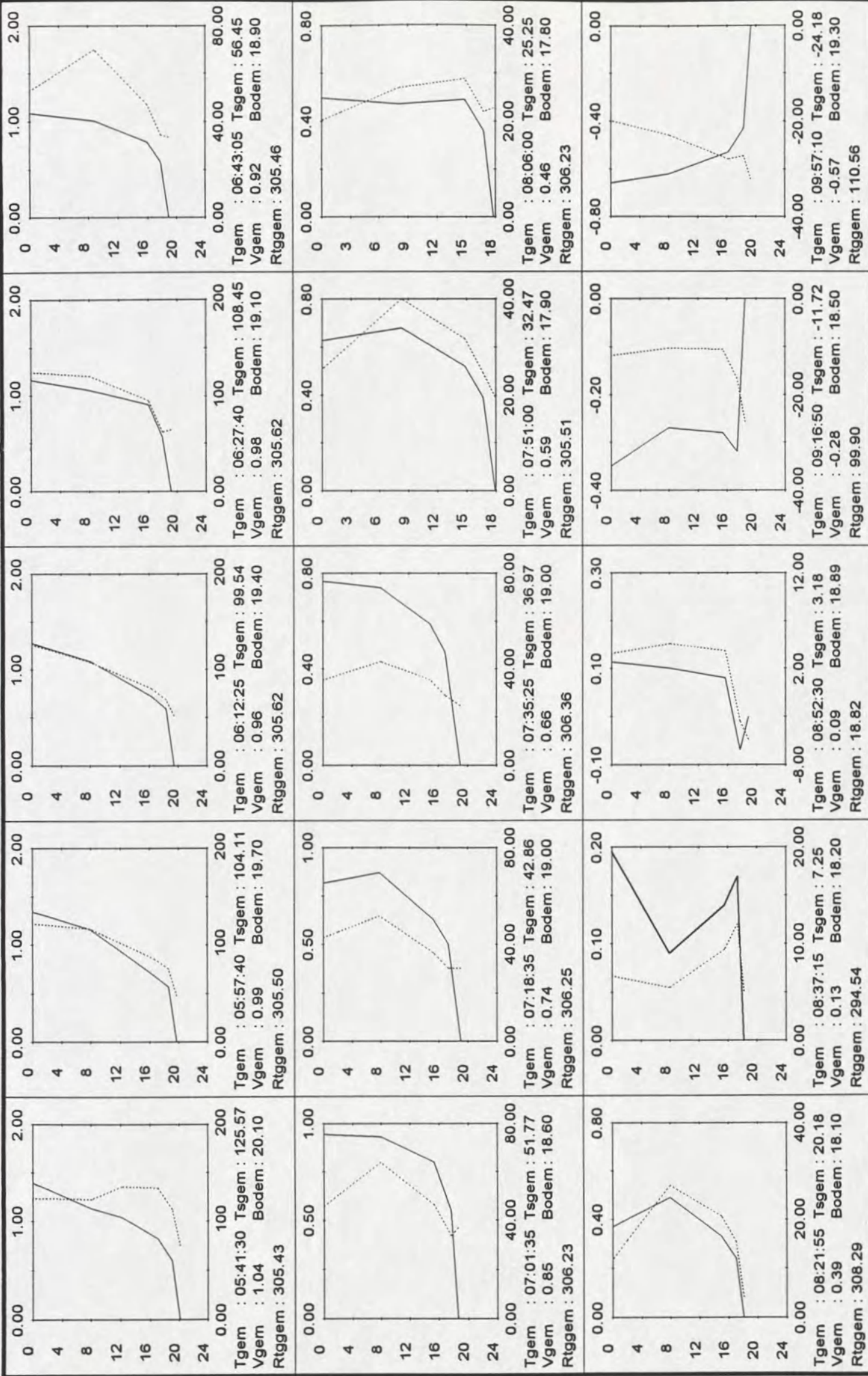
Tsgem
Tsgem
Rtggem
Bodem

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

Vgem
Y as
X as onder

Gemiddelde STROOMSHRZT in m/s
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
Streefvoelmaat : 3971
Vaartuig : KalooMP.4

Tsgem : 05:41:30
Tsgem : 05:57:40
Tsgem : 06:12:25
Tsgem : 06:27:40
Tsgem : 06:43:05
Tsgem : 07:01:35
Tsgem : 07:18:35
Tsgem : 07:35:25
Tsgem : 07:51:00
Tsgem : 08:06:00
Tsgem : 08:21:55
Tsgem : 08:37:15
Tsgem : 08:52:30
Tsgem : 09:16:50
Tsgem : 09:57:10

Vgem : 125.57
Vgem : 104.11
Vgem : 99.54
Vgem : 108.45
Vgem : 56.45
Vgem : 51.77
Vgem : 42.86
Vgem : 36.97
Vgem : 32.47
Vgem : 25.25
Vgem : 20.18
Vgem : 7.25
Vgem : 3.18
Vgem : -11.72
Vgem : -24.18

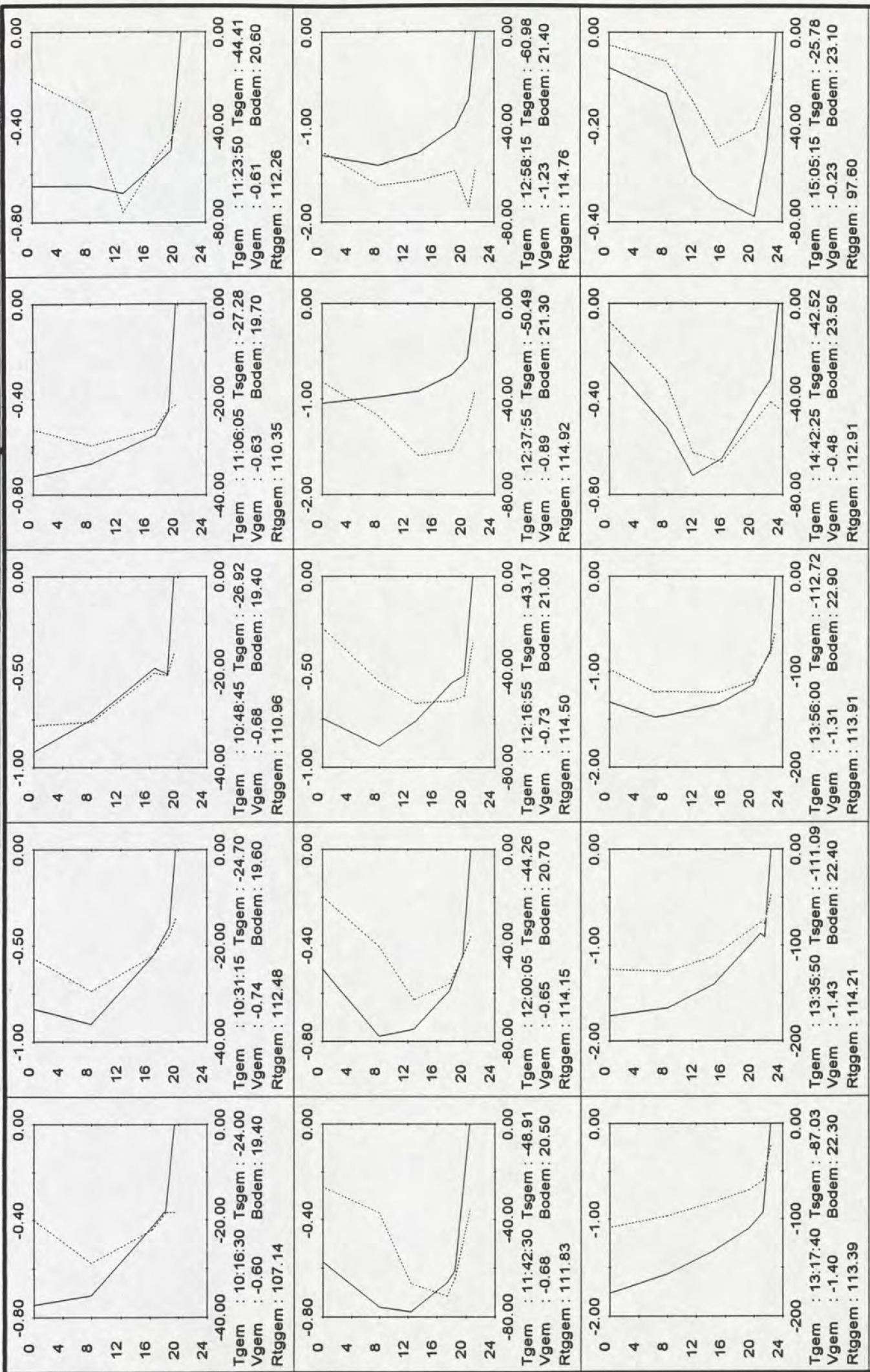
Rtggem : 20.10
Rtggem : 19.70
Rtggem : 19.40
Rtggem : 19.10
Rtggem : 18.90
Rtggem : 18.60
Rtggem : 19.00
Rtggem : 19.00
Rtggem : 17.90
Rtggem : 17.80
Rtggem : 18.10
Rtggem : 18.20
Rtggem : 18.89
Rtggem : 18.50
Rtggem : 19.30

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

Y as
X as onder

Bodemhoogte in M

STROOMSHRZT
SLIBTRANSP



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

Raai naam : Debieltraal7
Datum Opname : 11/08/1999
Streefvoetmaat : 3971
Vaartuig : KaloMP.4

Tsgem : 13:17:40 Tsgem : -87.03
Vgem : -1.40 Bodem : 22.30
Rtggem : 113.39

Tsgem : 13:35:50 Tsgem : -111.09
Vgem : -1.43 Bodem : 22.40
Rtggem : 114.21

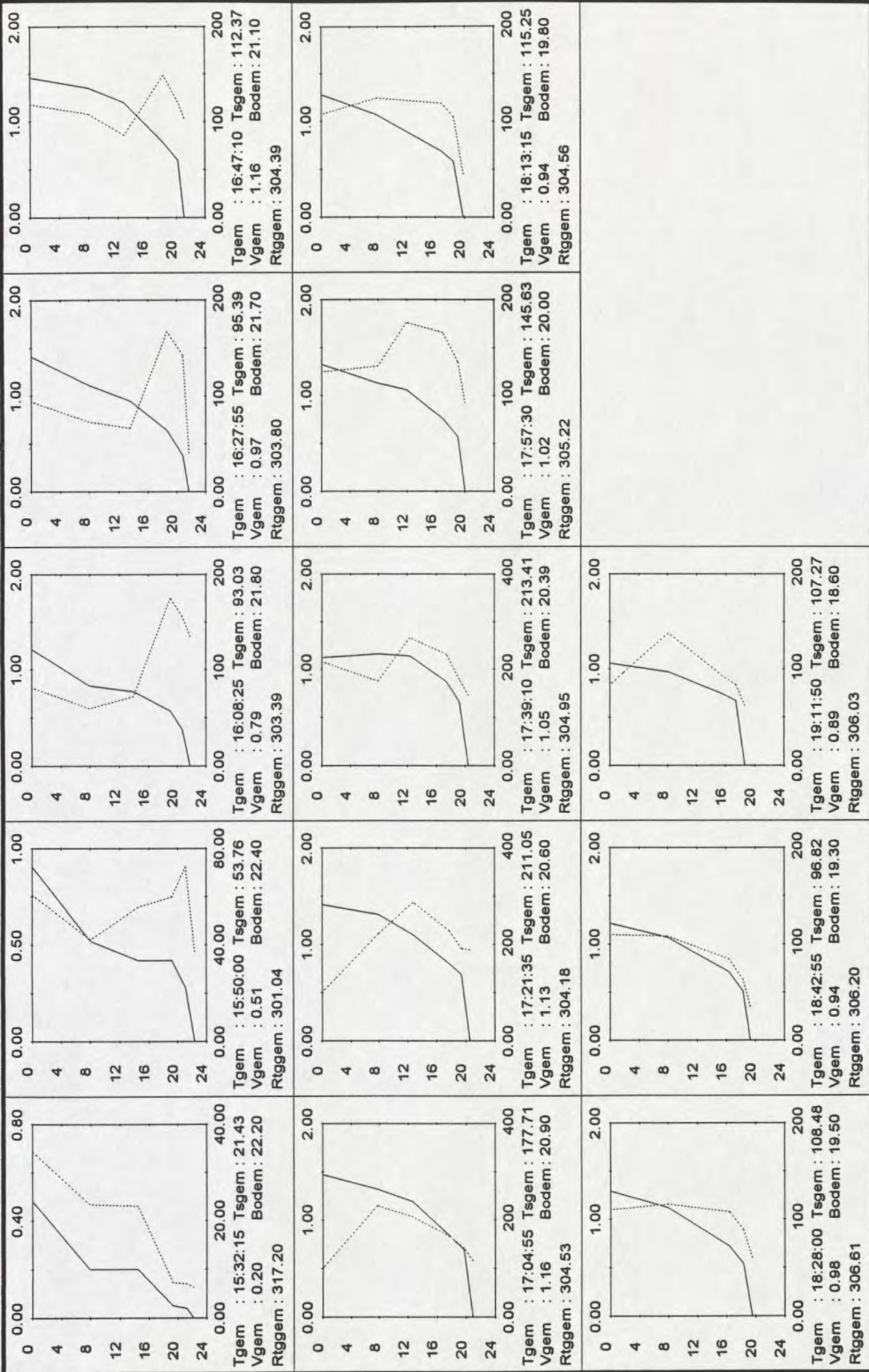
Tsgem : 13:56:00 Tsgem : -112.72
Vgem : -1.31 Bodem : 22.90
Rtggem : 113.91

Tsgem : 14:42:25 Tsgem : -42.52
Vgem : -0.48 Bodem : 23.50
Rtggem : 112.91

Tsgem : 15:05:15 Tsgem : -25.78
Vgem : -0.23 Bodem : 23.10
Rtggem : 97.60

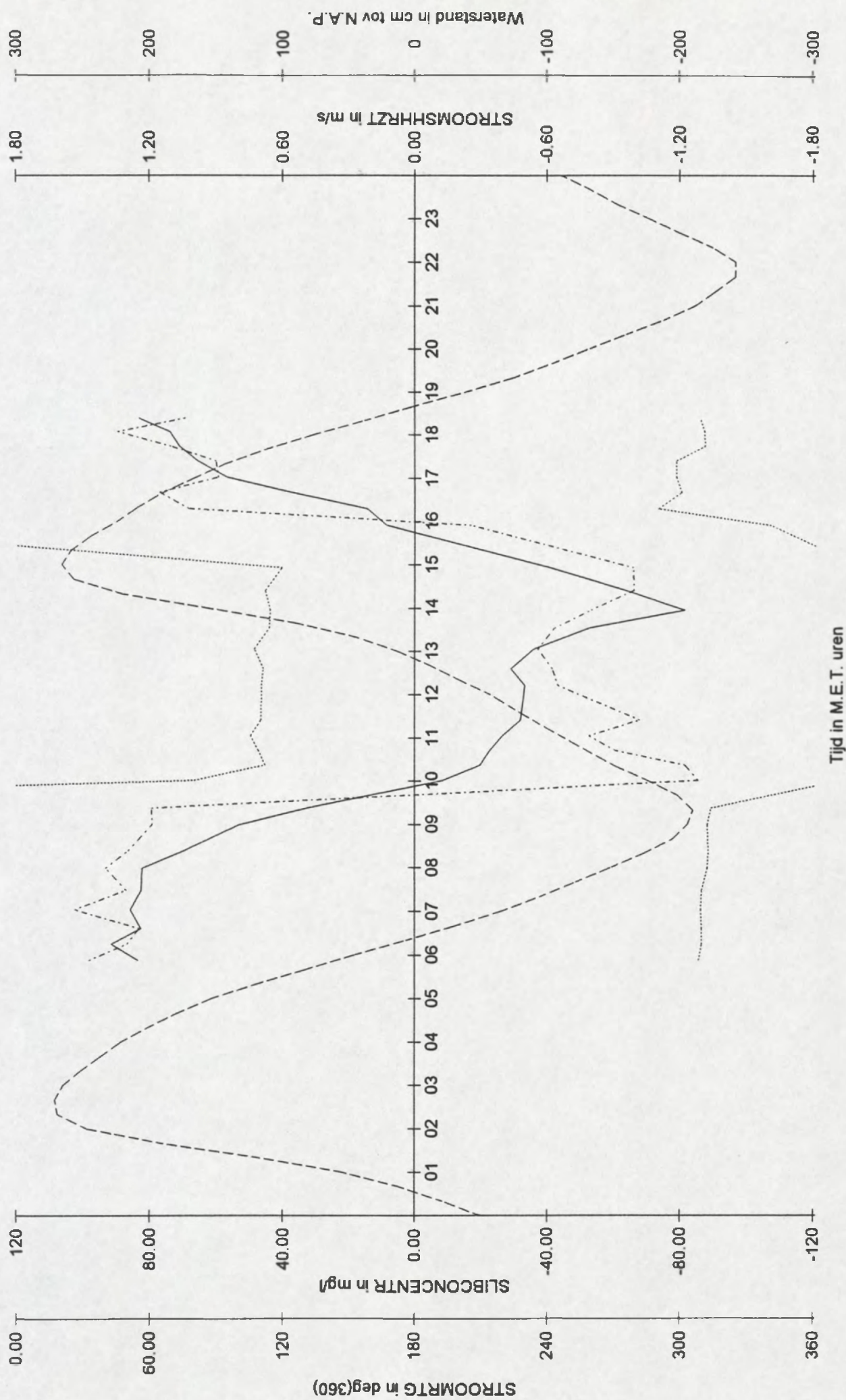
Gemiddelde tijd in uur:min:sec. : Vgem
Gemiddelde SLIBTRANSP in gr/m2.s : Y as
Gemiddelde STROOMSHRZT in cm/s : STROOMSHRZT
Bodemhoogte in M : X as onder

Gemiddelde STROOMSHRZT in m/s : STROOMSHRZT
Diepte in M : SLIBTRANSP



Rijkswaterstaat Directie Zeeland Meetdienst Zeeland	Raanaam	Debietraal7	Gemiddelde tijd in uur:min:sec.	Vgem	Gemiddelde STROOMSHRZT in m/s	STROOMSHRZT
	Datum Opname	11/08/1999	Gemiddelde SLIBTRANSP in gr/m2.s	Y as	Diepte in M	SLIBTRANSP
	Streefvoetmaat	3971	Gemiddelde STROOMRTG in deg(360X as boven	X as onder	STROOMSHRZT in cm/s	
	Vaartuig	KalooMP.4	Bodemhoogte in M		SLIBTRANSP in gr/m2.s	

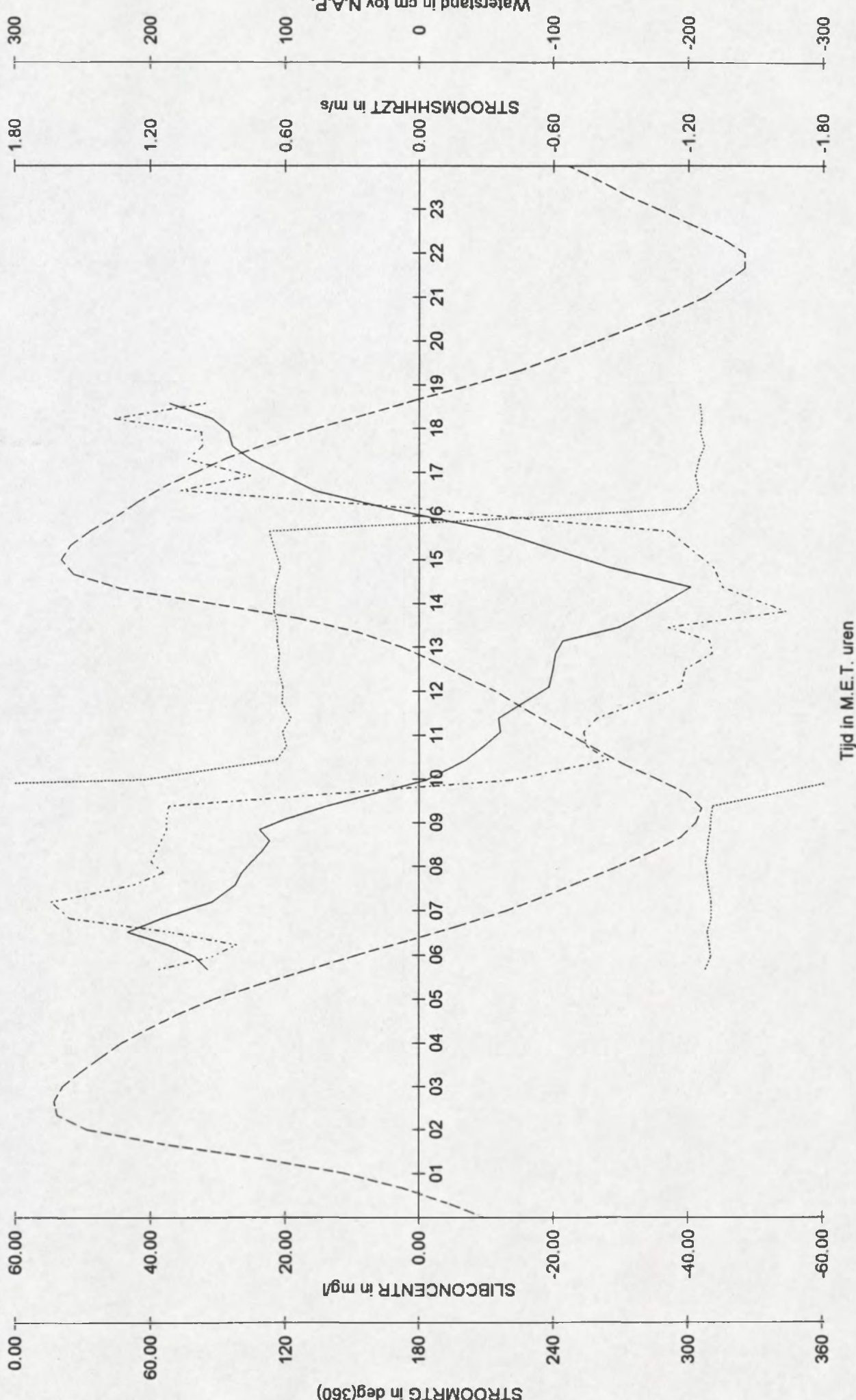
15. Gemiddelde krommen stroom en slibconcentratie



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

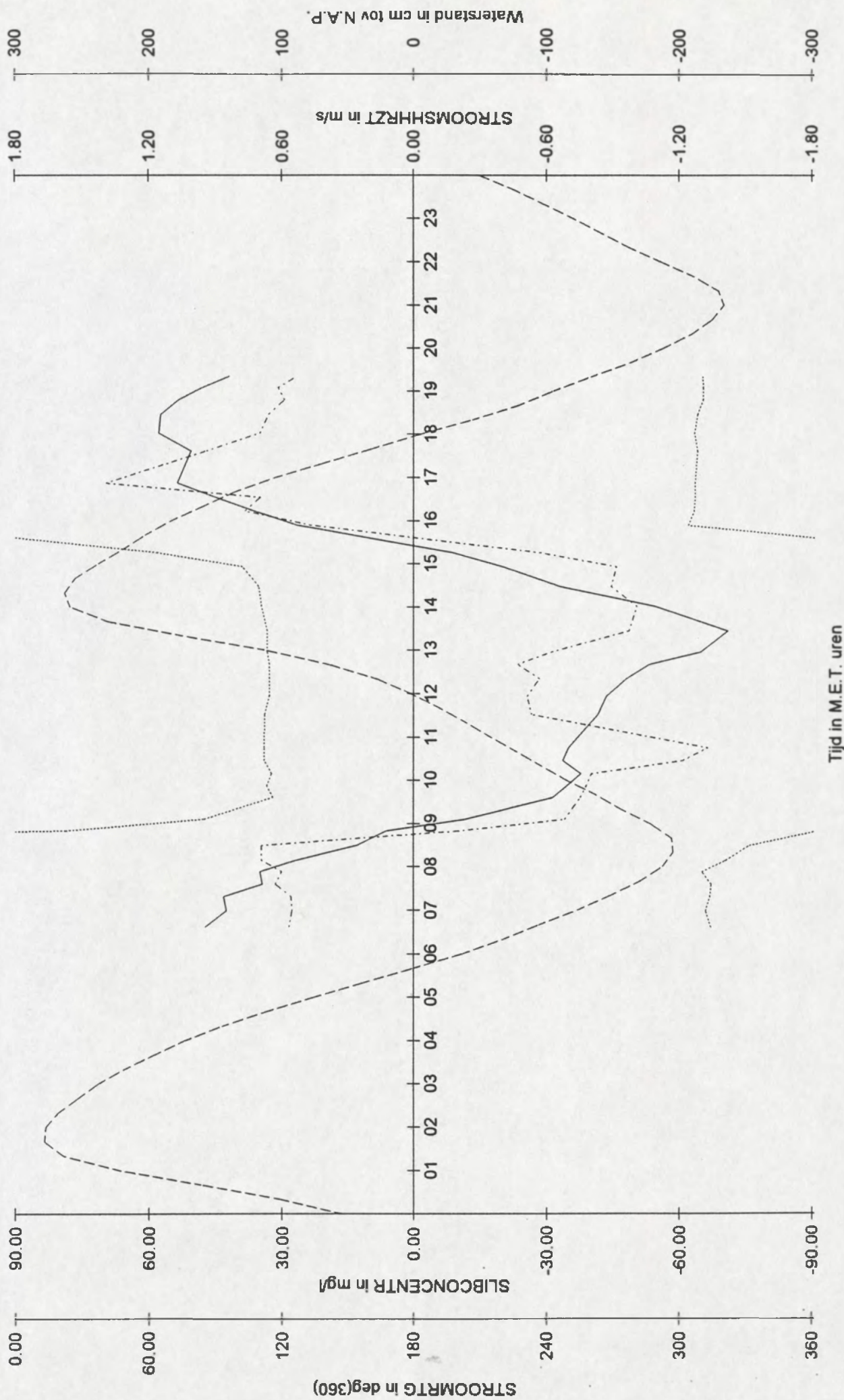
STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen



Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

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

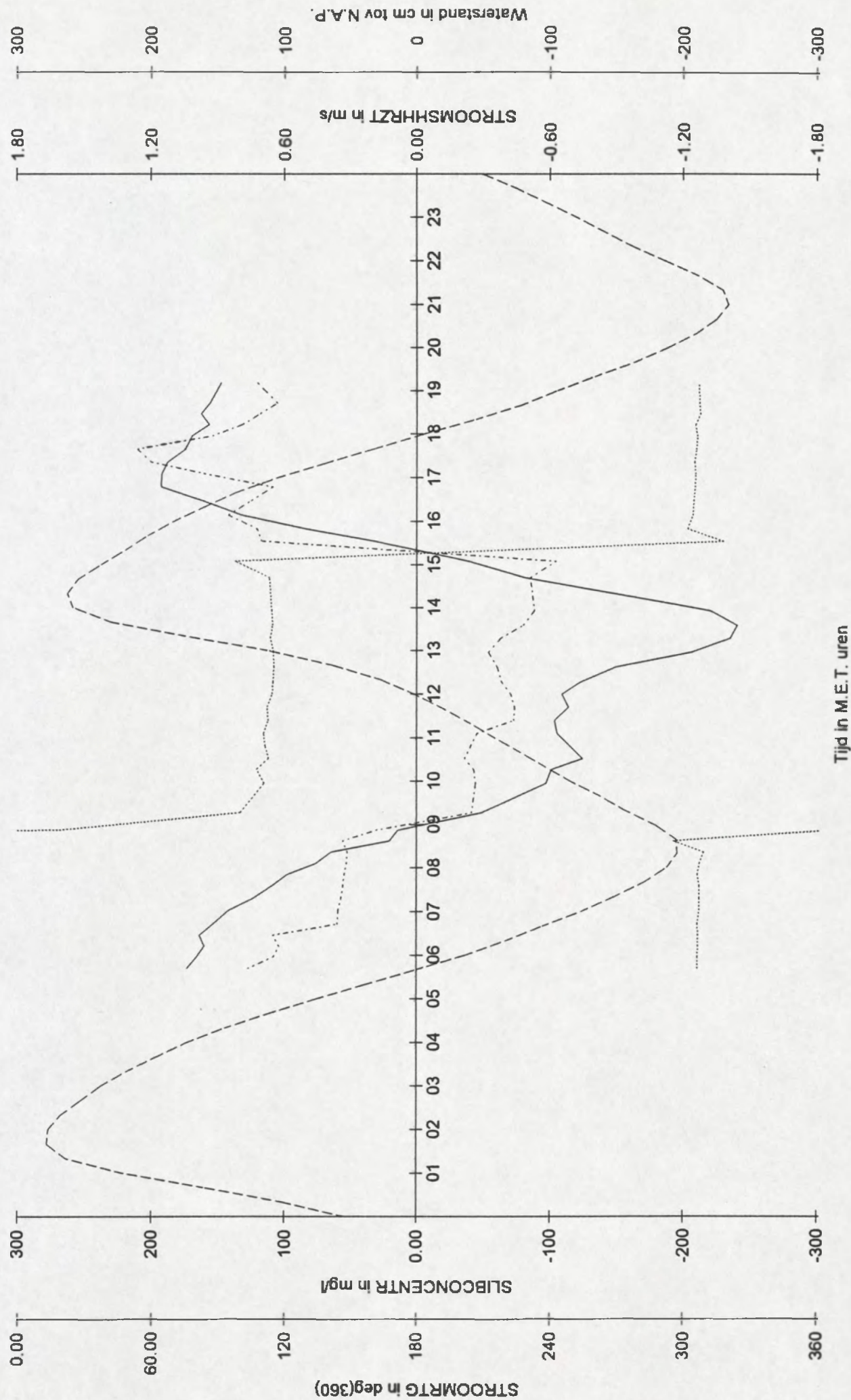
STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen



STROOMSHRZT
STROOMRTG
SLIBCONCENTR
Waterstand te Terneuzen

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

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

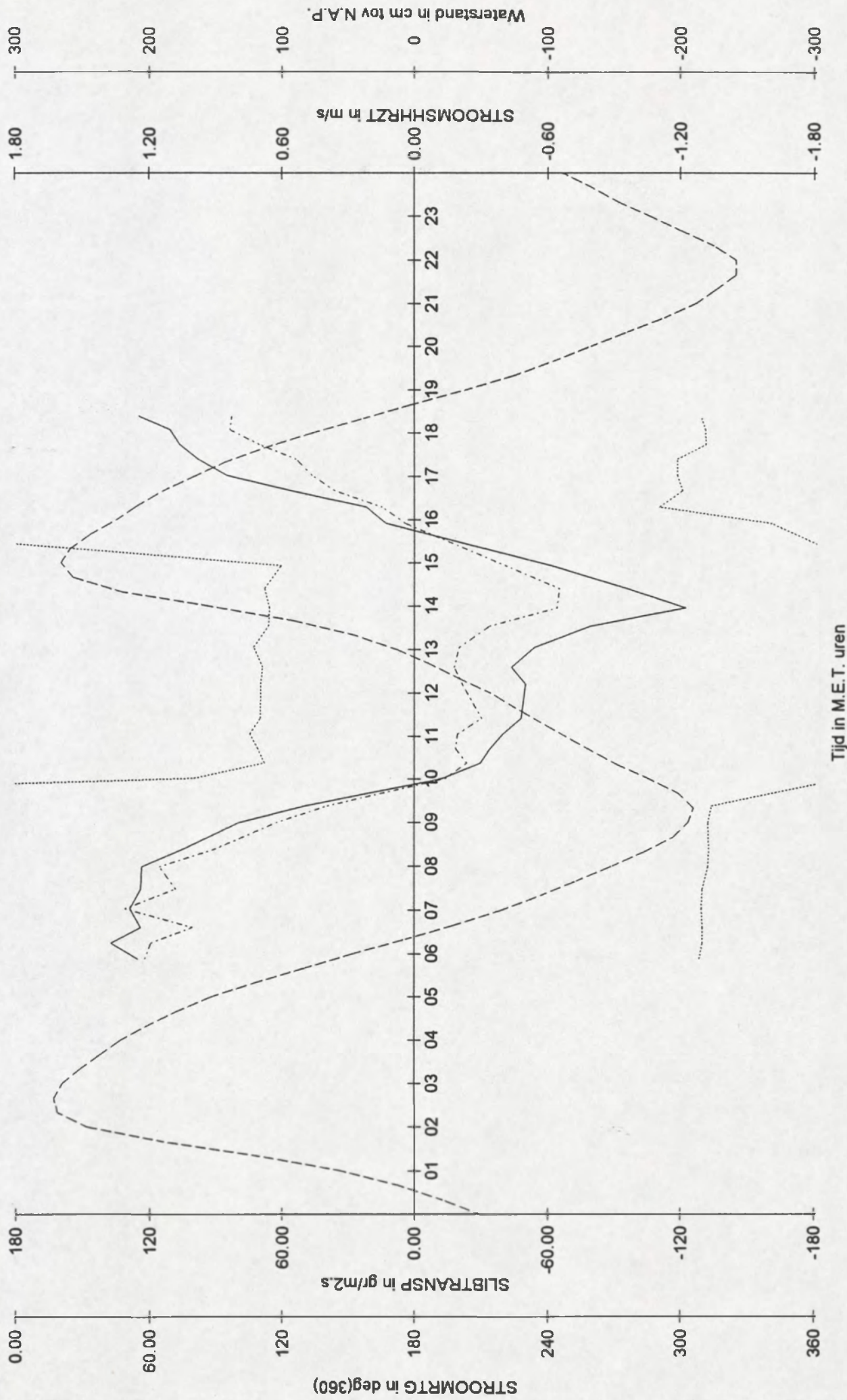


Raainaam : Debietraal7
 Datum Opname : 11/08/1999
 Streefvoetmaat : 3971
 Vaartuig : KalooMP.4

Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

STROOMSHRZT
 STROOMRTG
 SLIBCONCENTR
 Waterstand to Terneuzen

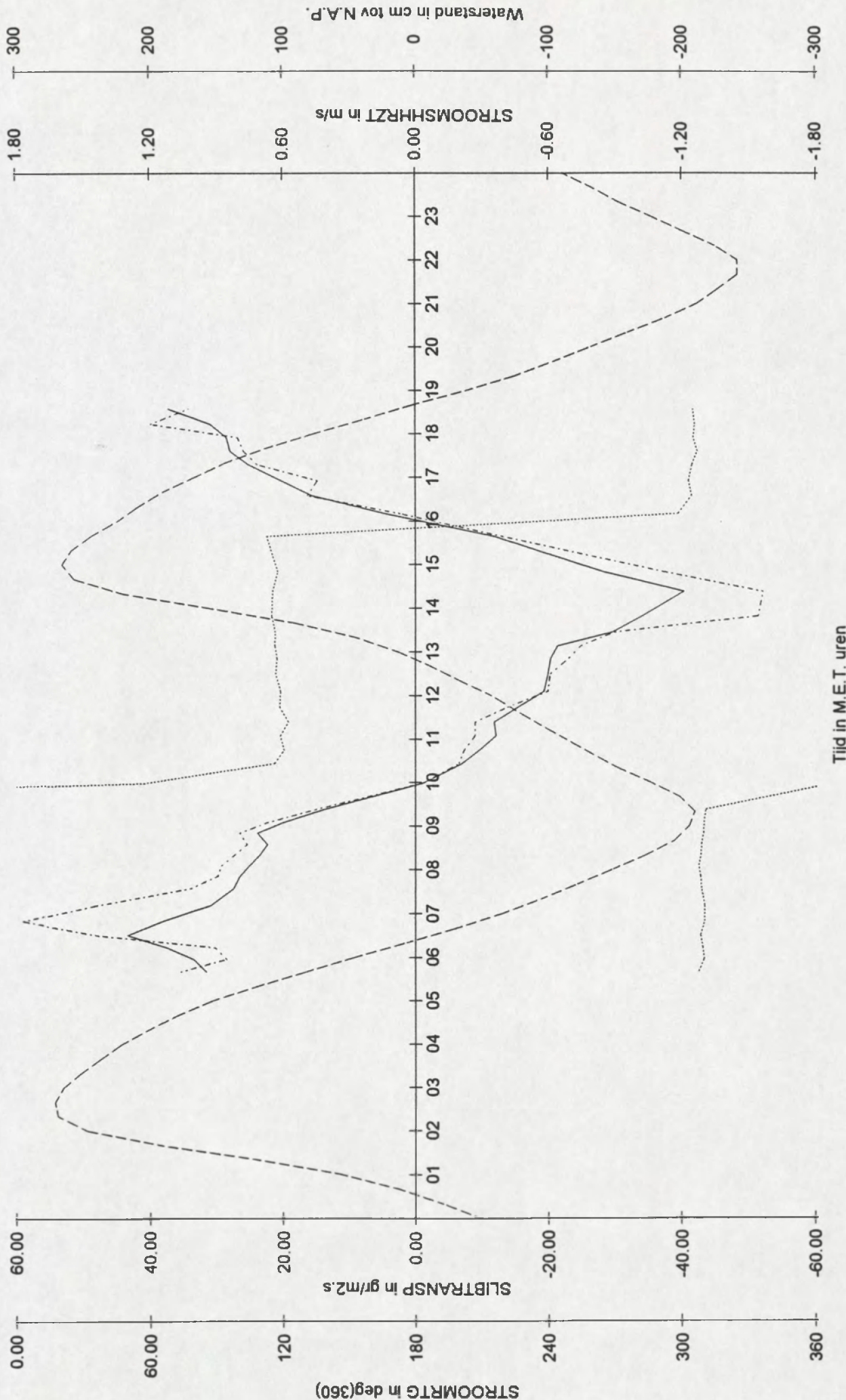
16. Gemiddelde krommen stroom en slibtransport



STROOMSHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen

Raainaan : Debietaal7
Datum Opname : 12/08/1999
Streefvoetmaat : 141
Vaartuig : SienkMP.1

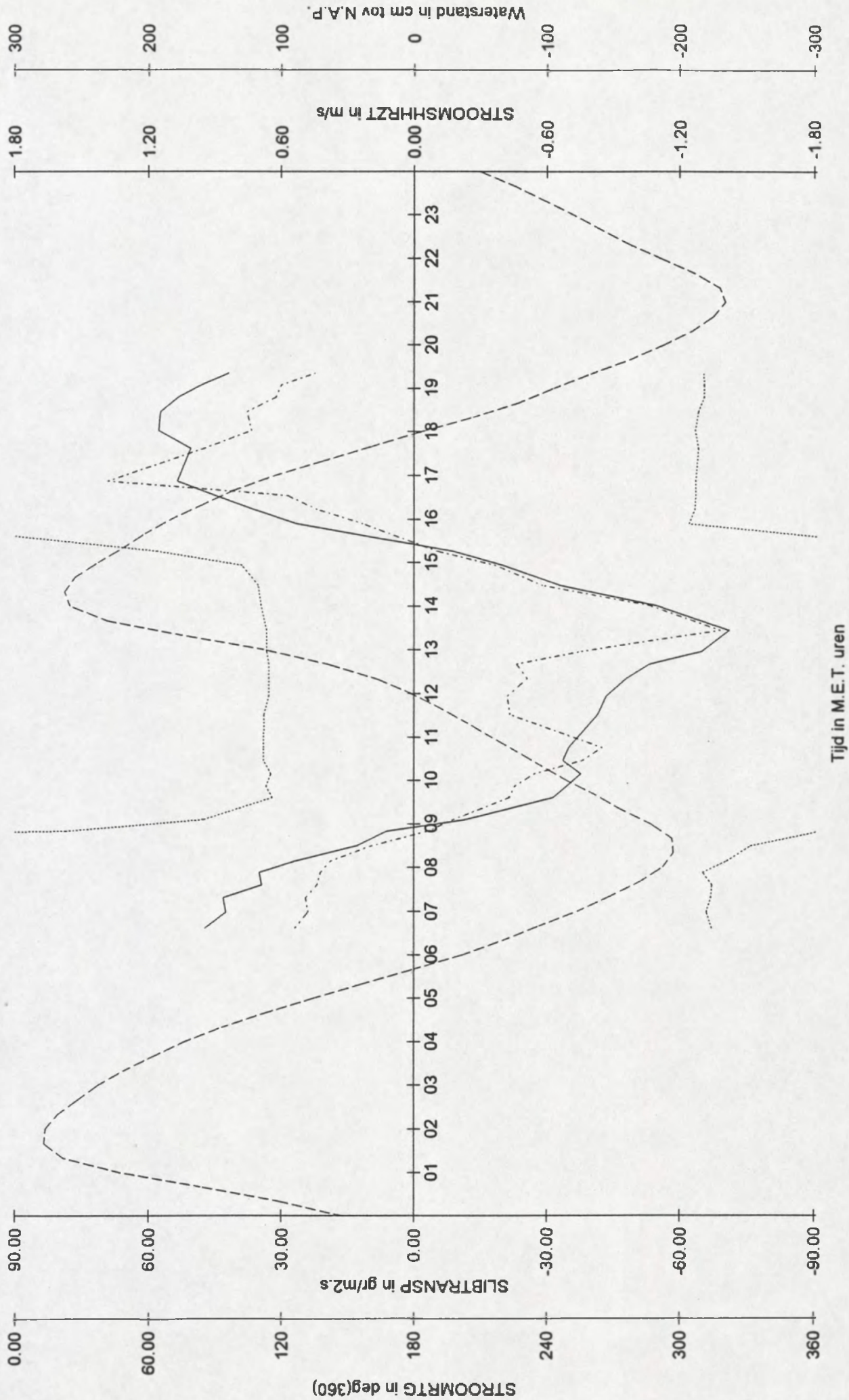
Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



Raainaan : Debietraal7
Datum Opname : 12/08/1999
Streefvoetmaat : 669
Vaartuig : KalboMP 2

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland

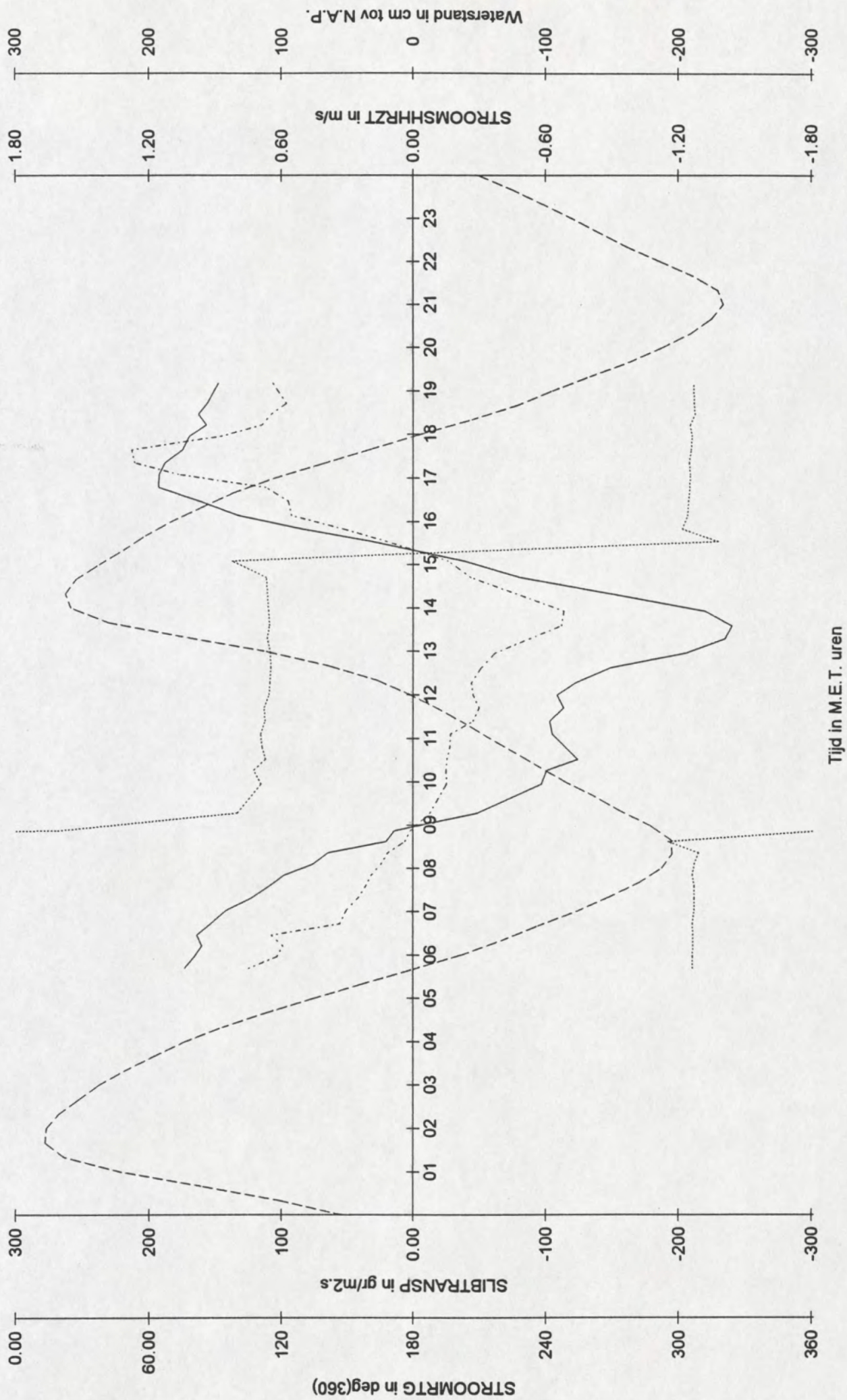
STROOMSHHRZT
STROOMMRTG
SLIBTRANSP
Waterstand te Terneuzen



STROOMSHHRZT
STROOMRTG
SLIBTRANSP
Waterstand te Terneuzen

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

Rijkswaterstaat
Directie Zeeland
Meetdienst Zeeland



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

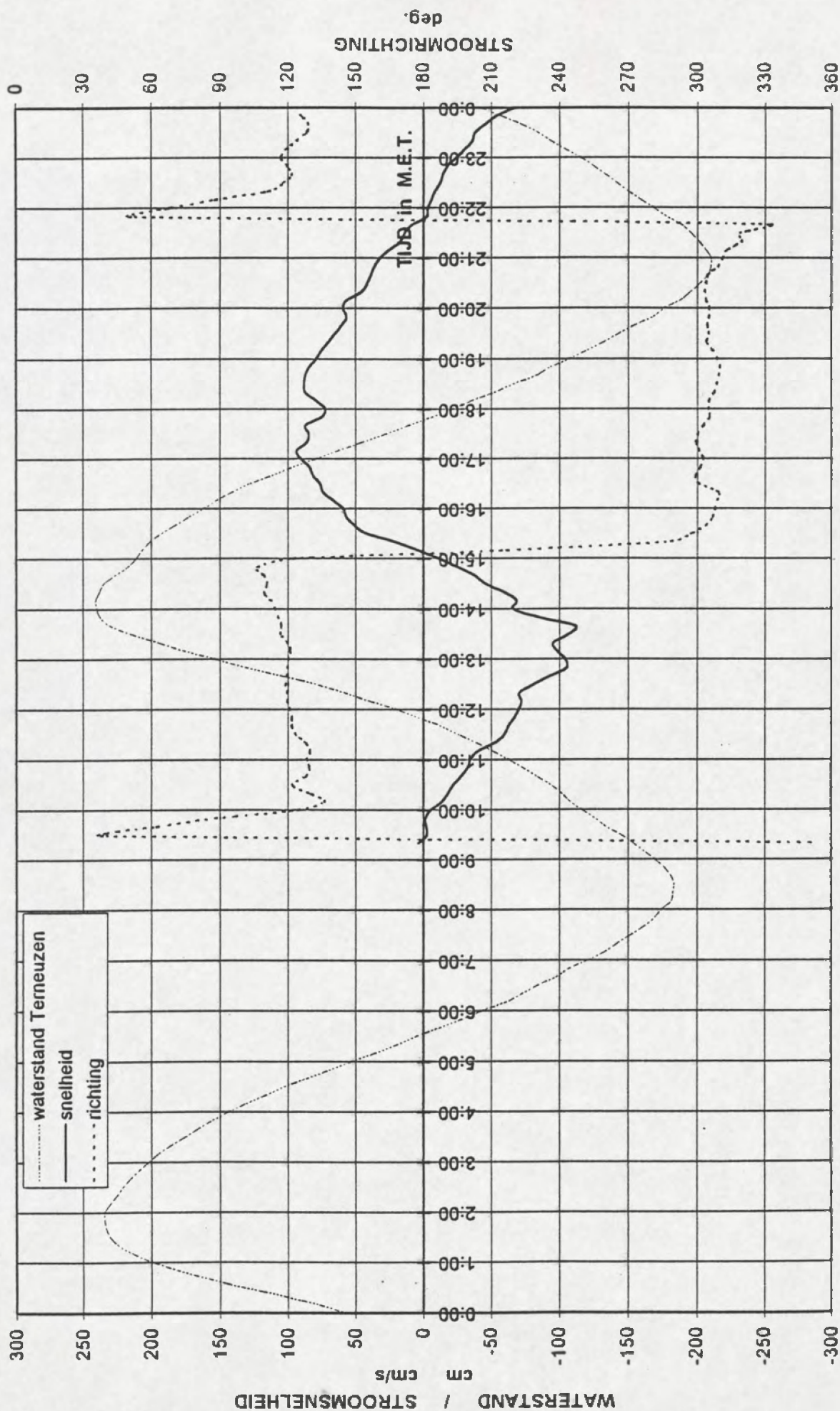
Rijkswaterstaat
 Directie Zeeland
 Meetdienst Zeeland

STROOMSHRZT
 STROOMMRTG
 SLIBTRANS
 Waterstand te Terneuzen

17. Resultaten OSM 1

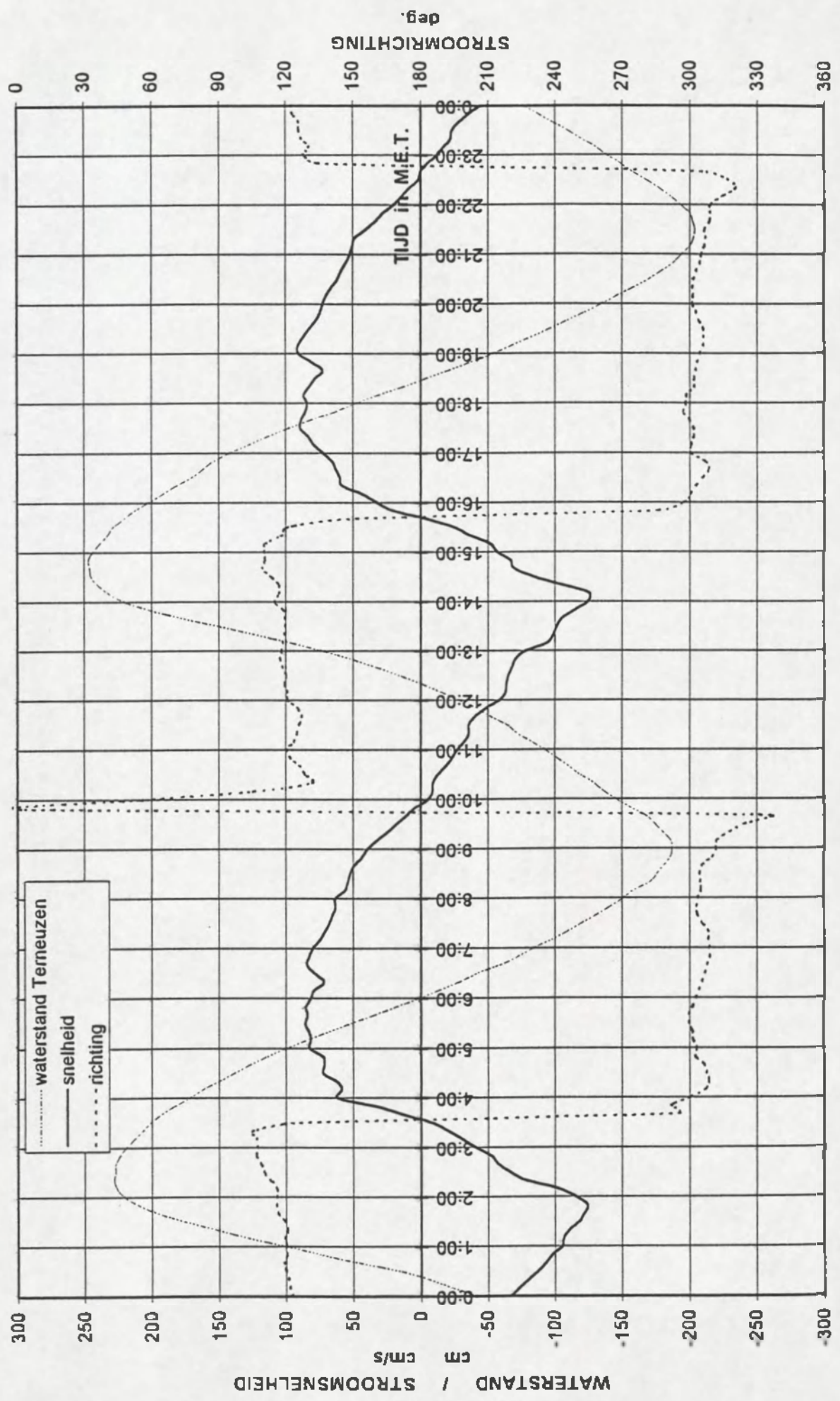
Debietraai 7 meetpunt OSM 1

28 juni 1999



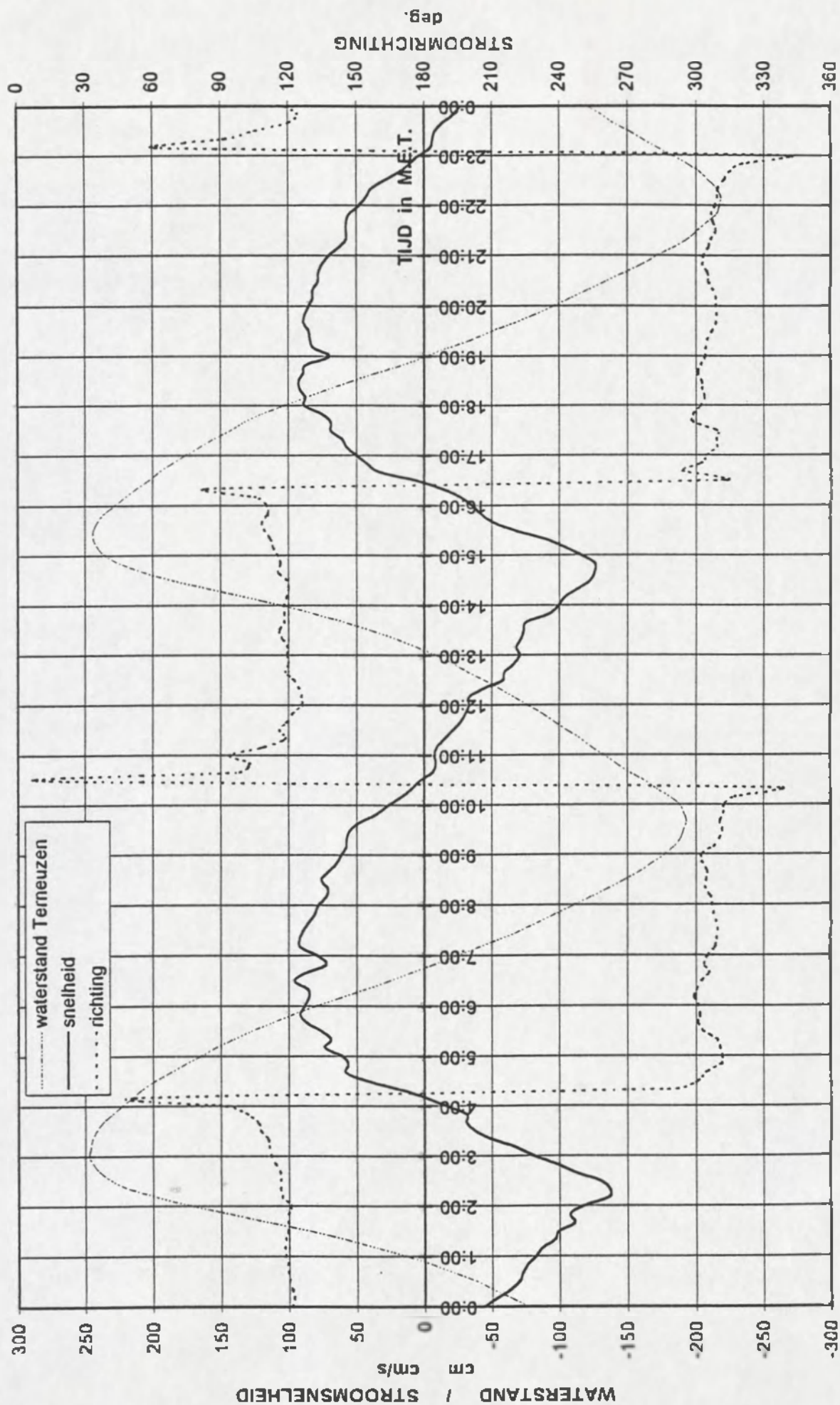
Debietraai 7 meetpunt OSM 1

29 juni 1999



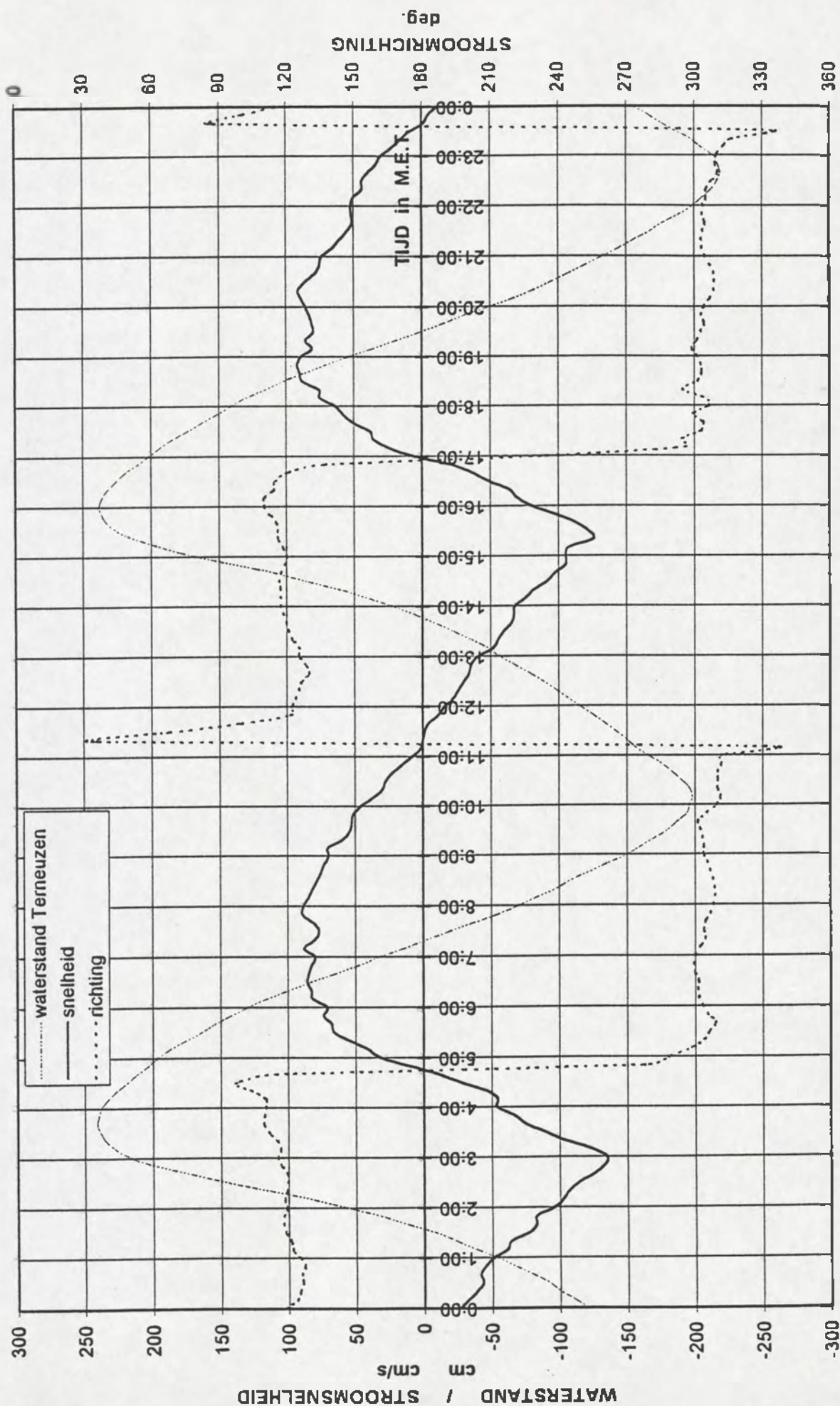
Debietraai 7 meetpunt OSM 1

30 juni 1999



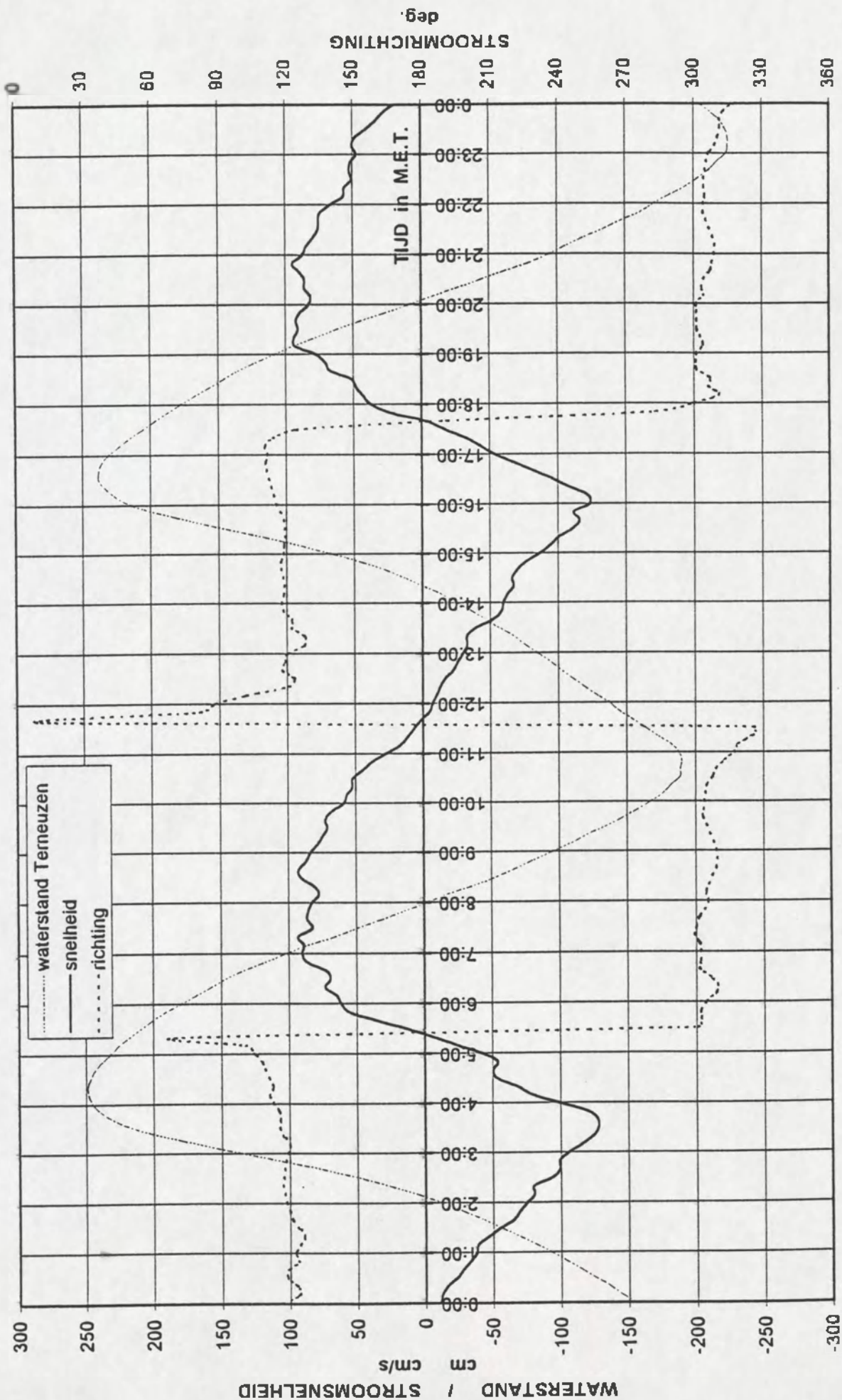
Debietraai 7 meetpunt OSM 1

1 juli 1999



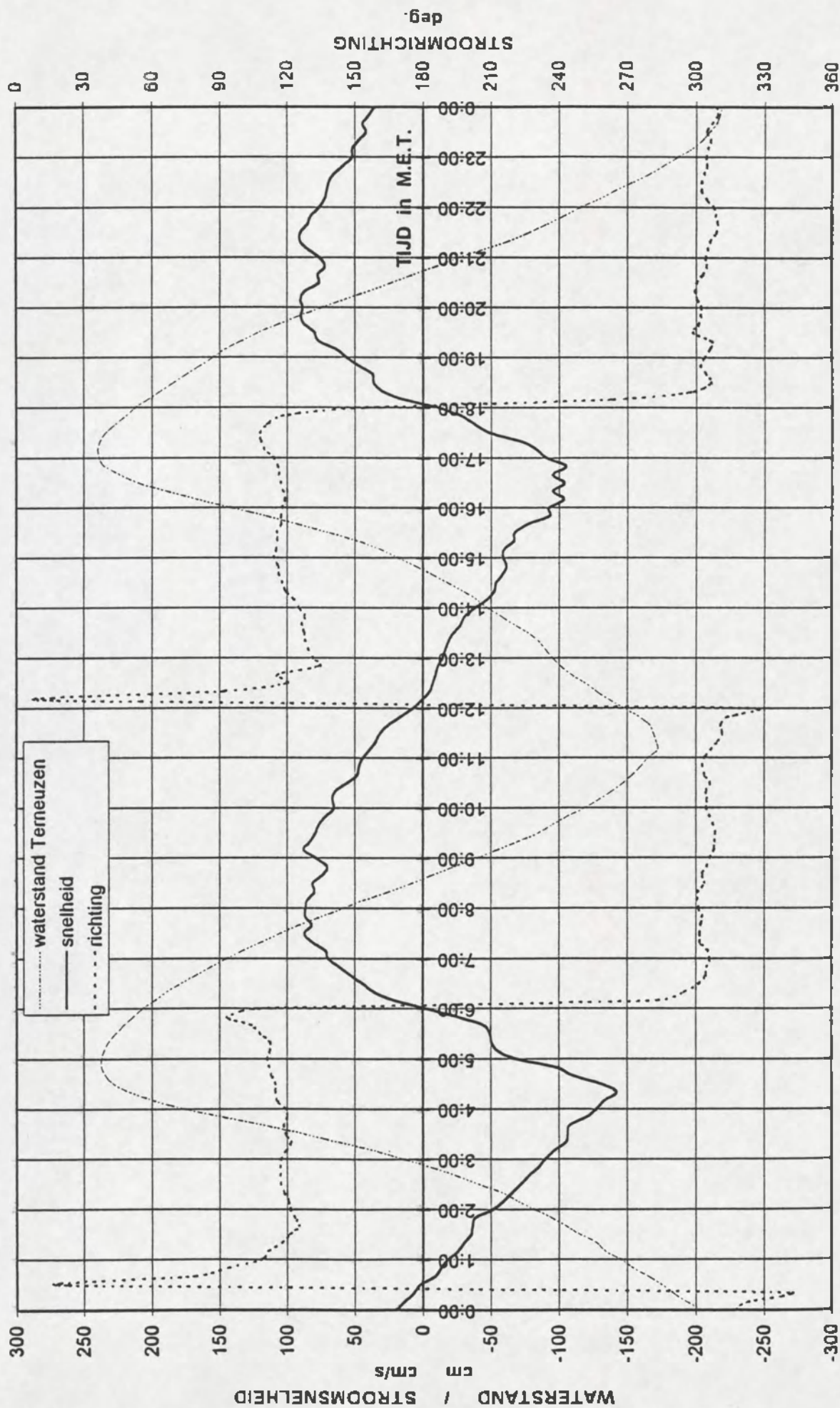
Debietraai 7 meetpunt OSM 1

2 juli 1999



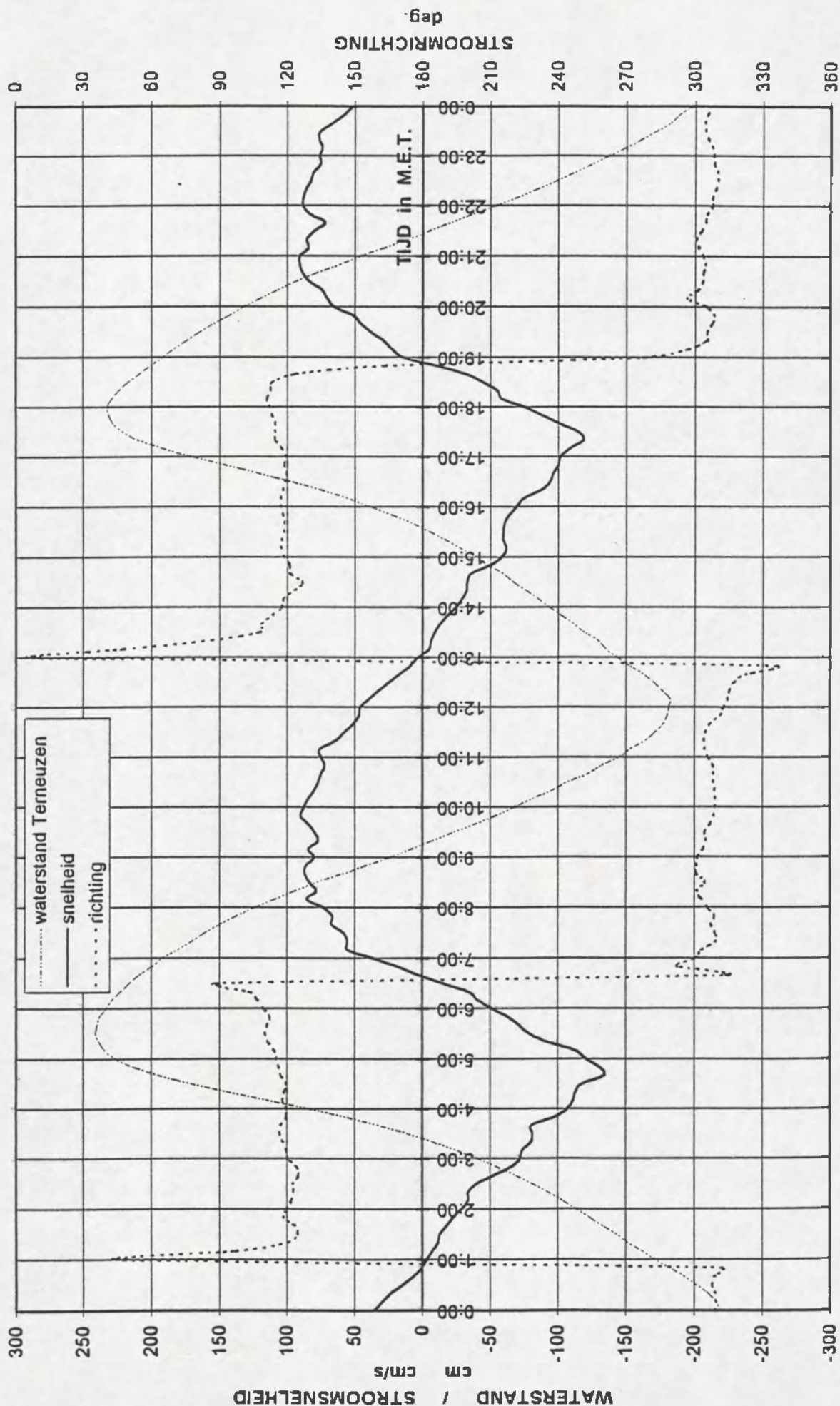
Debietraai 7 meetpunt OSM 1

3 juli 1999



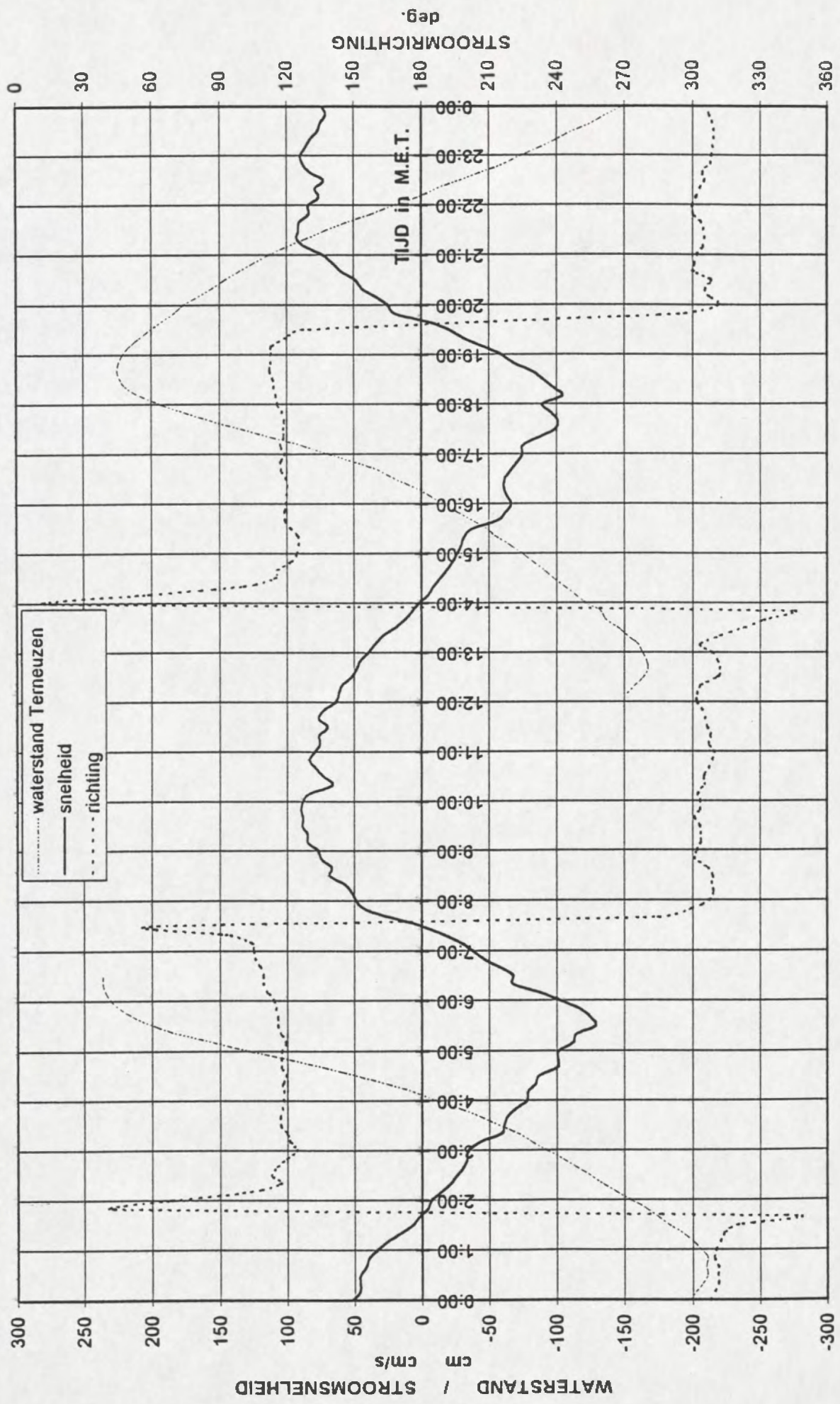
Debietraai 7 meetpunt OSM 1

4 juli 1999



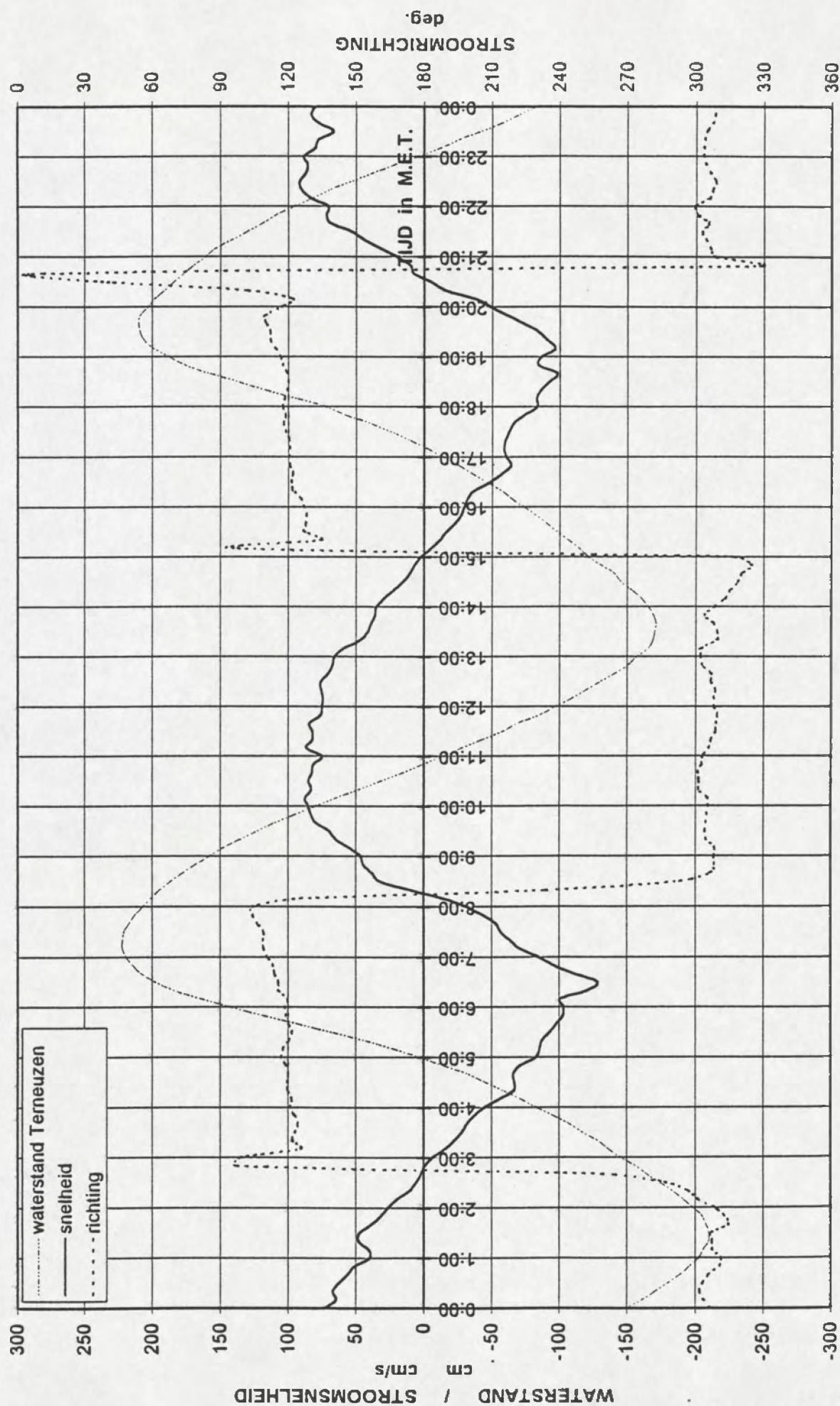
Debietraai 7 meetpunt OSM 1

5 juli 1999



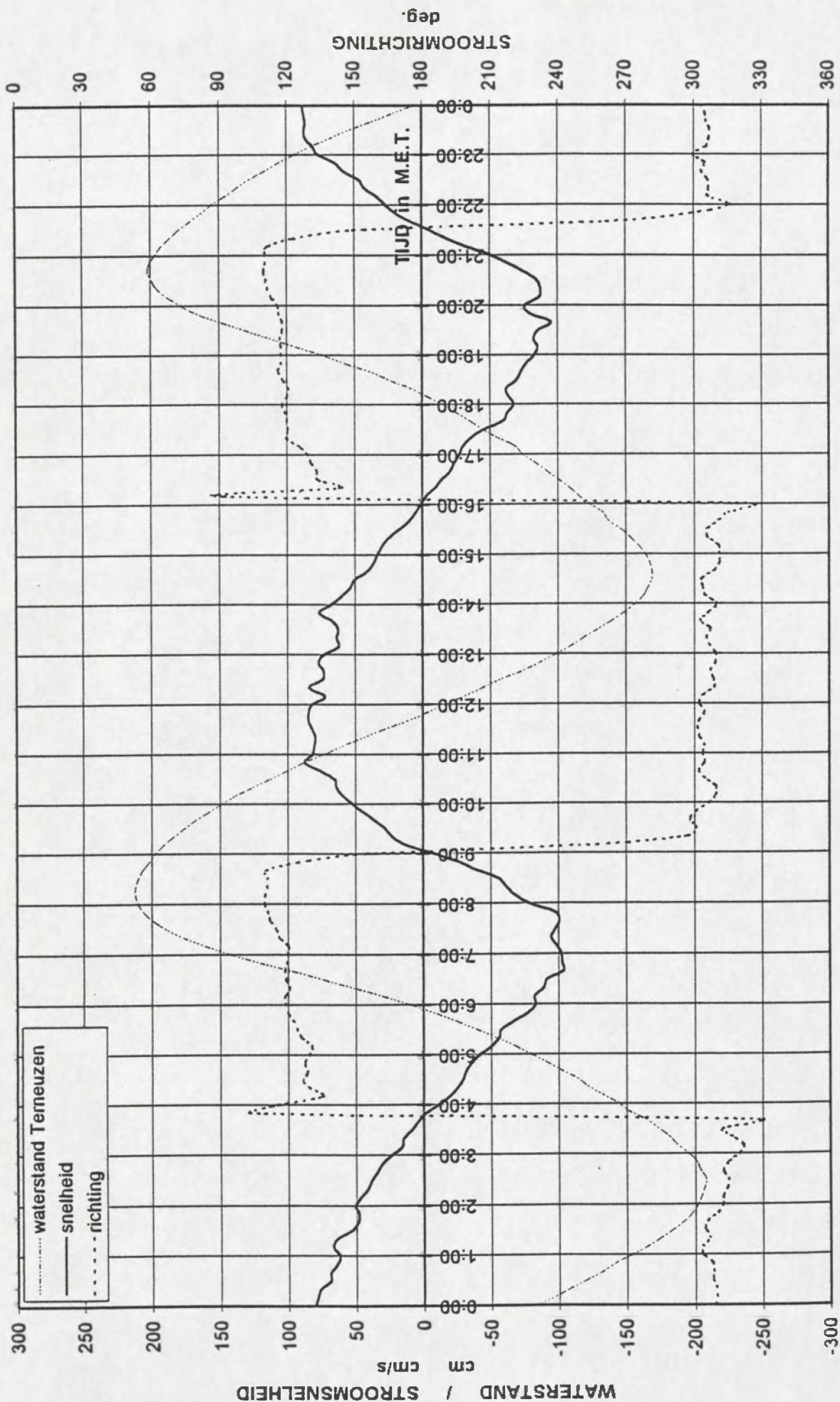
Debietraai 7 meetpunt OSM 1

6 juli 1999



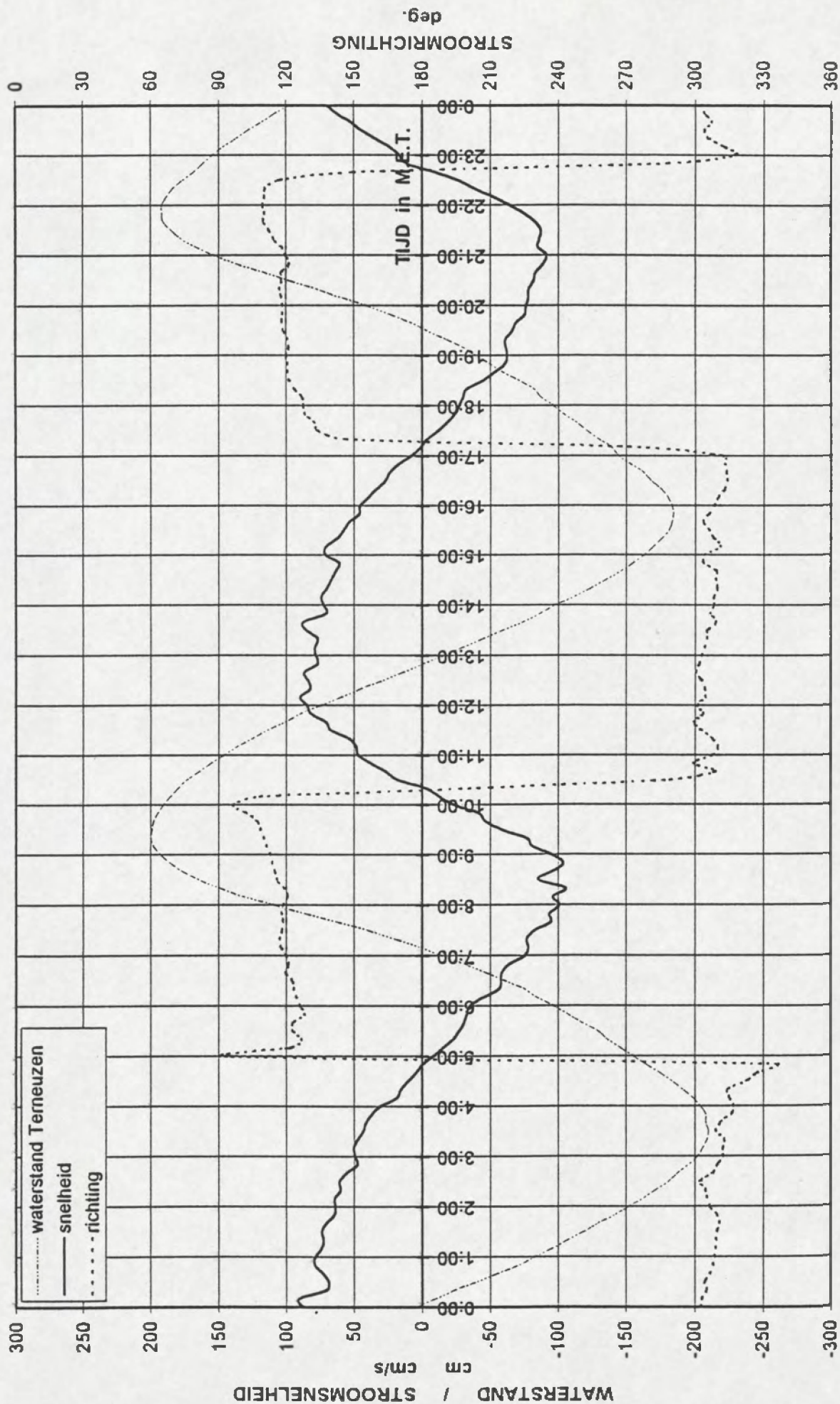
Debietraai 7 meetpunt OSM 1

7 juli 1999



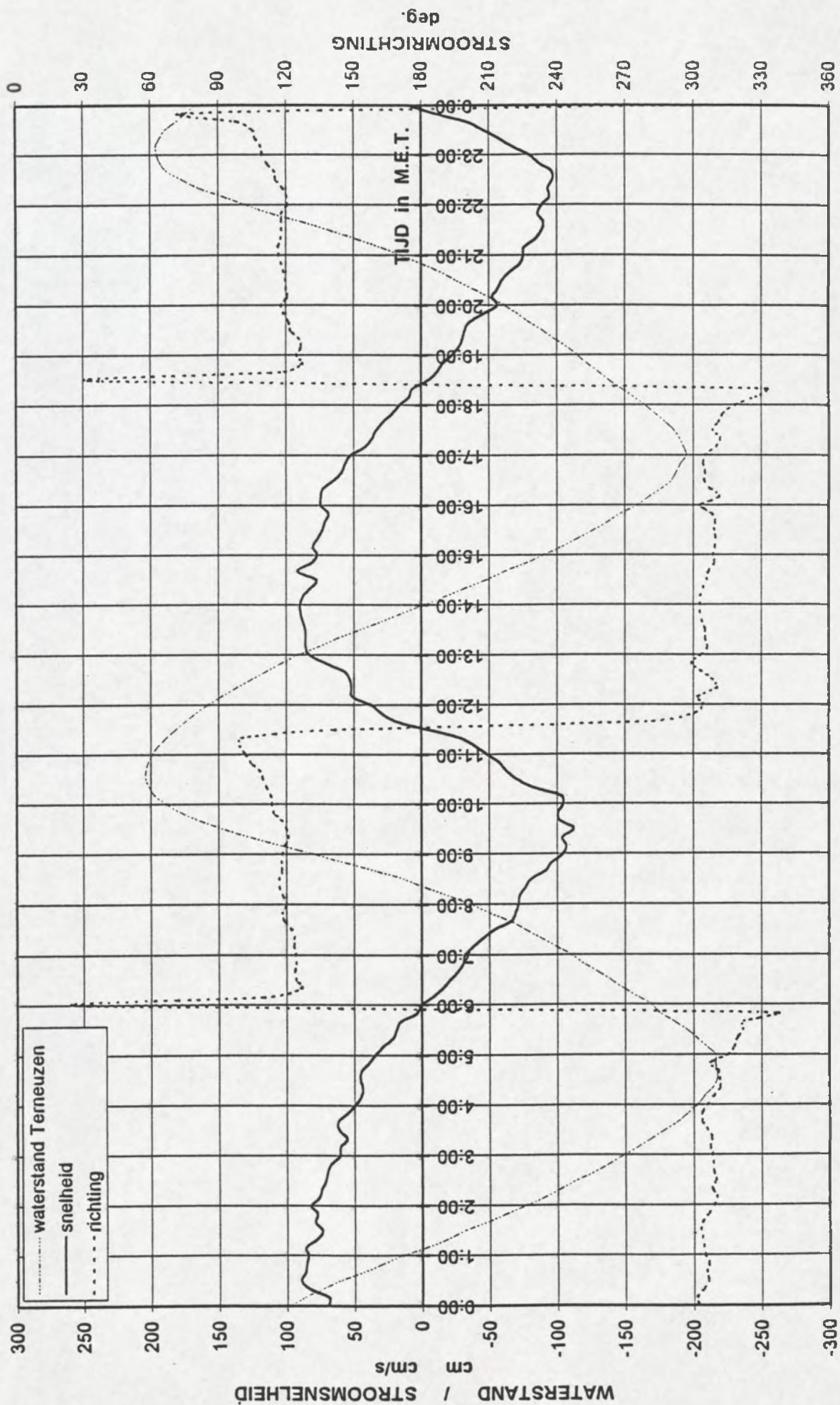
Debietraai 7 meetpunt OSM 1

8 juli 1999

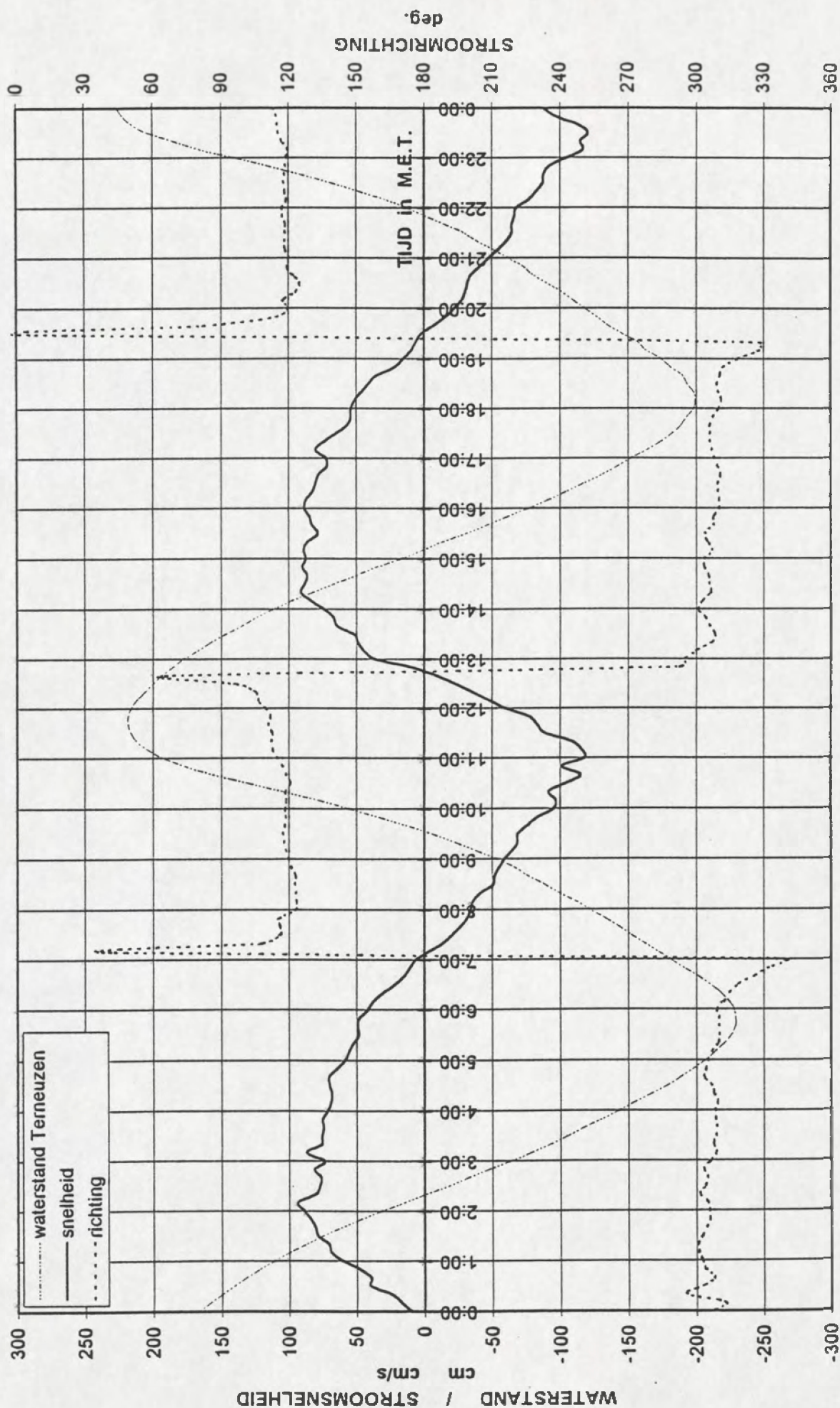


Debietraai 7 meetpunt OSM 1

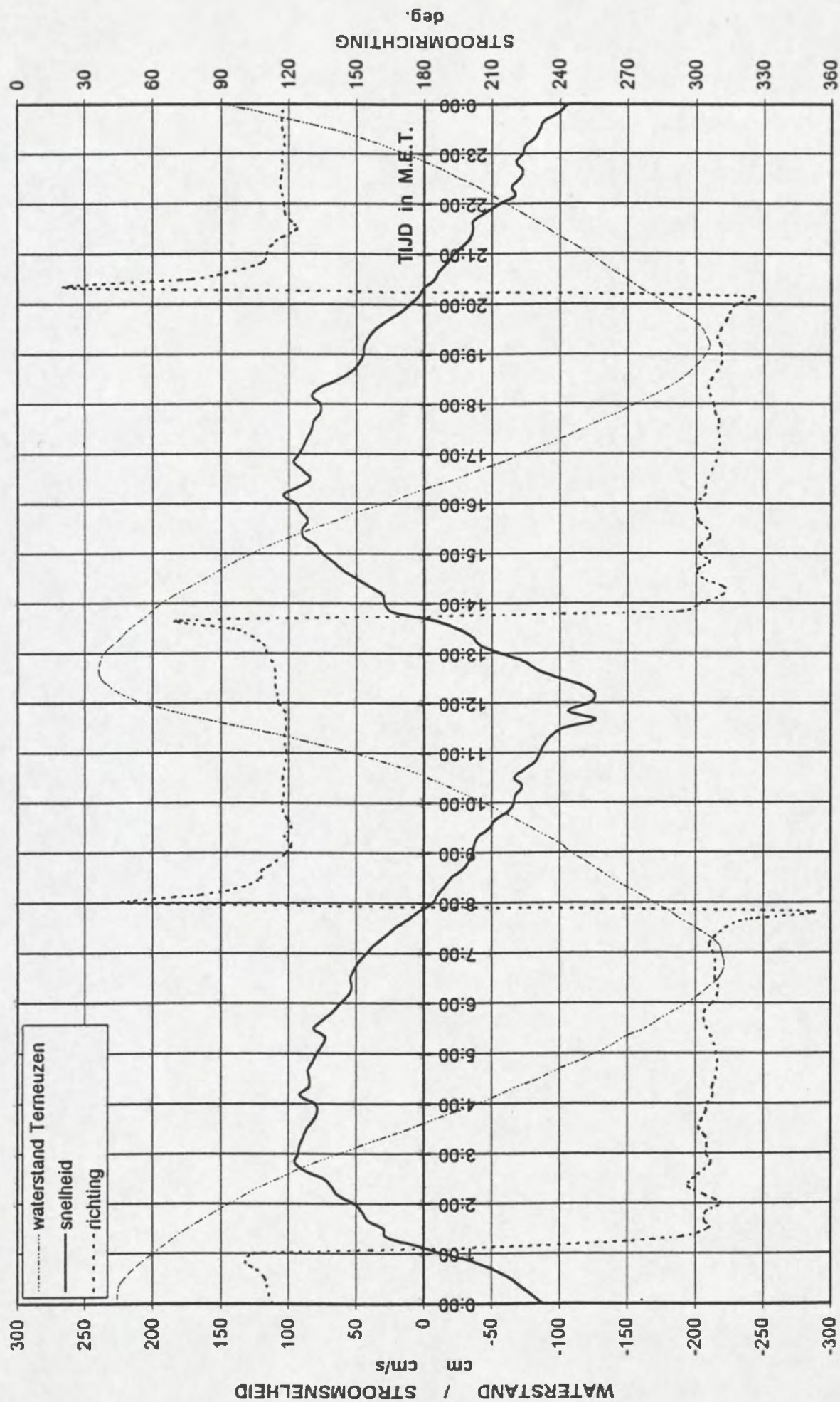
9 juli 1999



Debietraai 7 meetpunt OSM 1
10 juli 1999

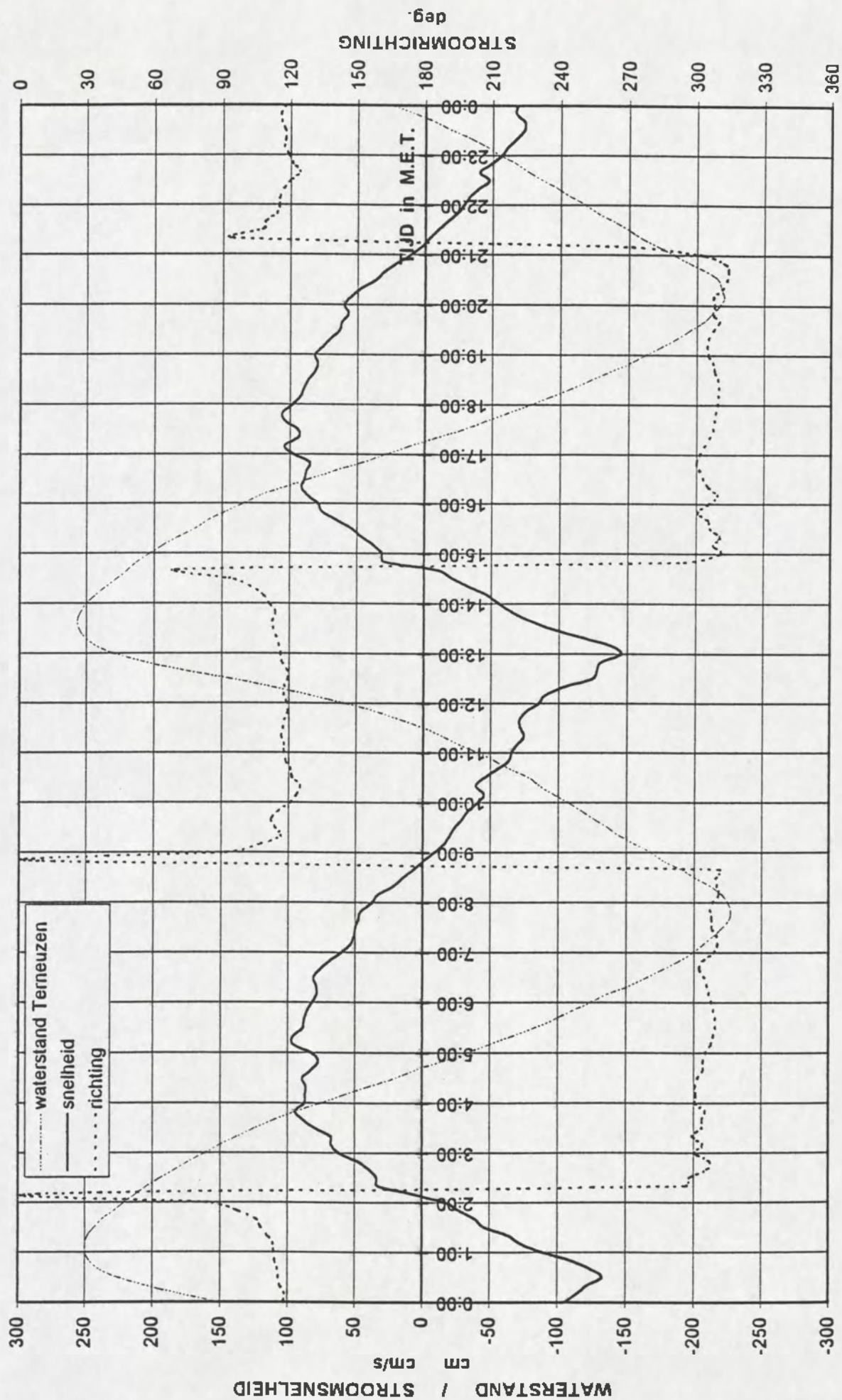


Debietraai 7 meetpunt OSM 1
11 juli 1999



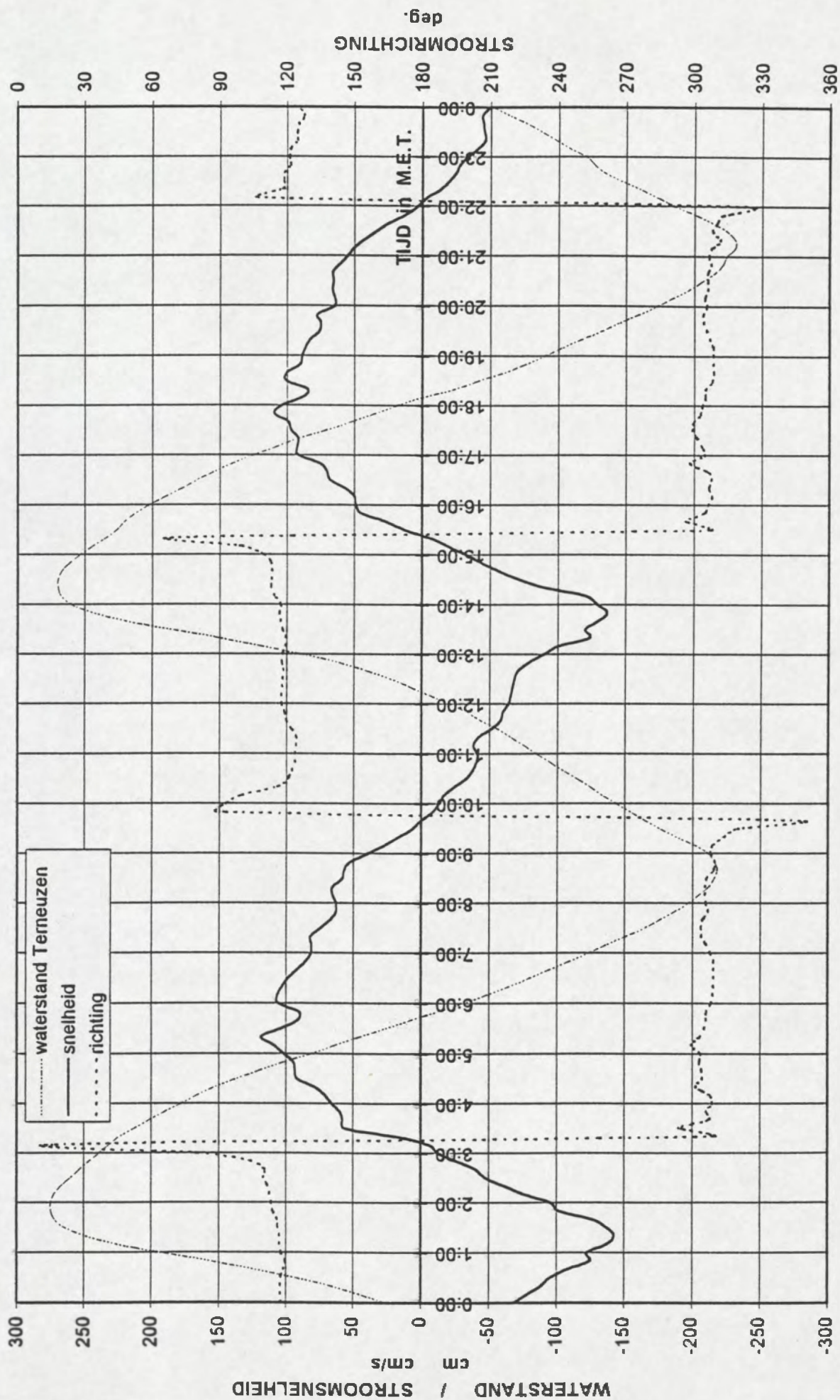
Debietraai 7 meetpunt OSM 1

12 juli 1999



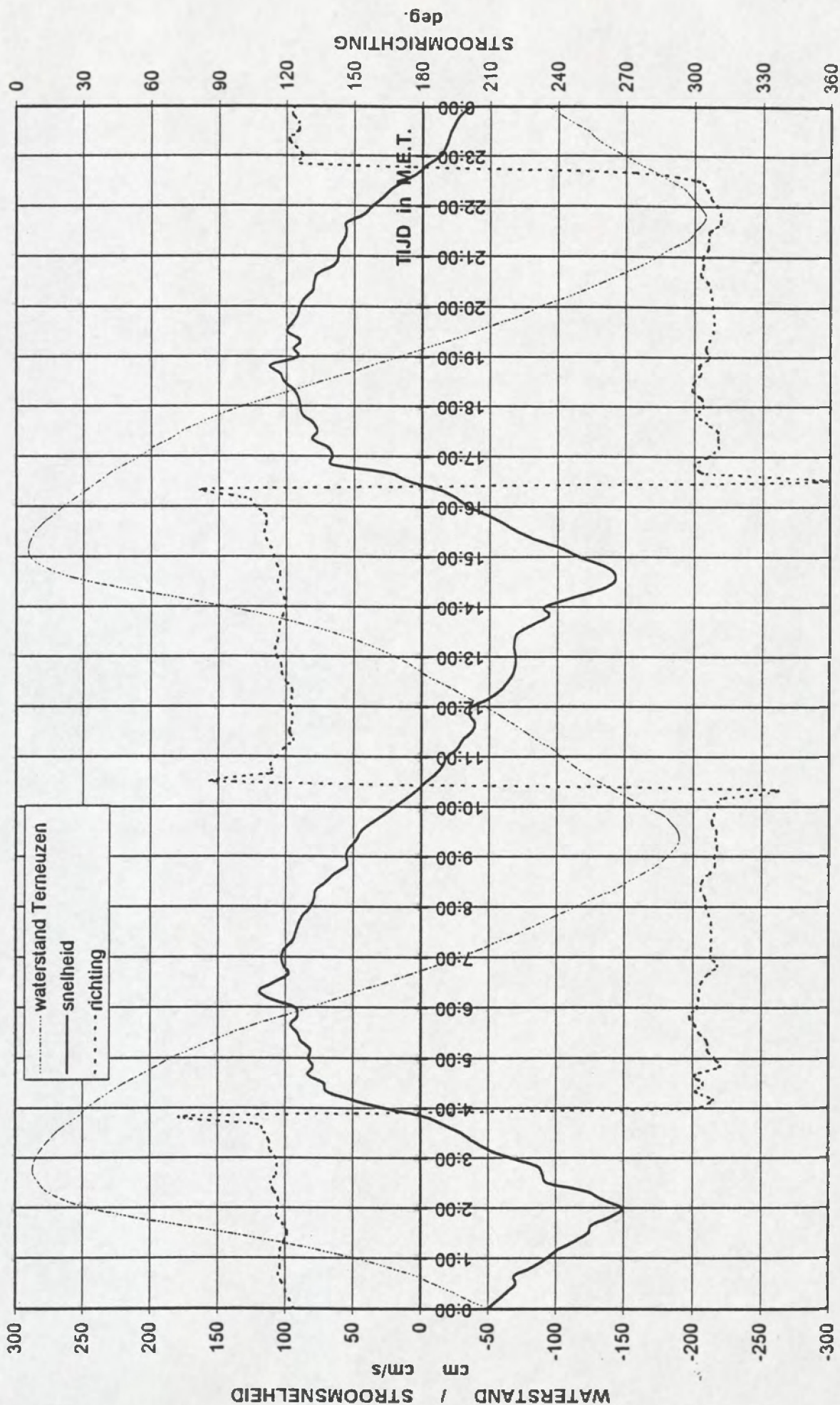
Debietraai 7 meetpunt OSM 1

13 juli 1999



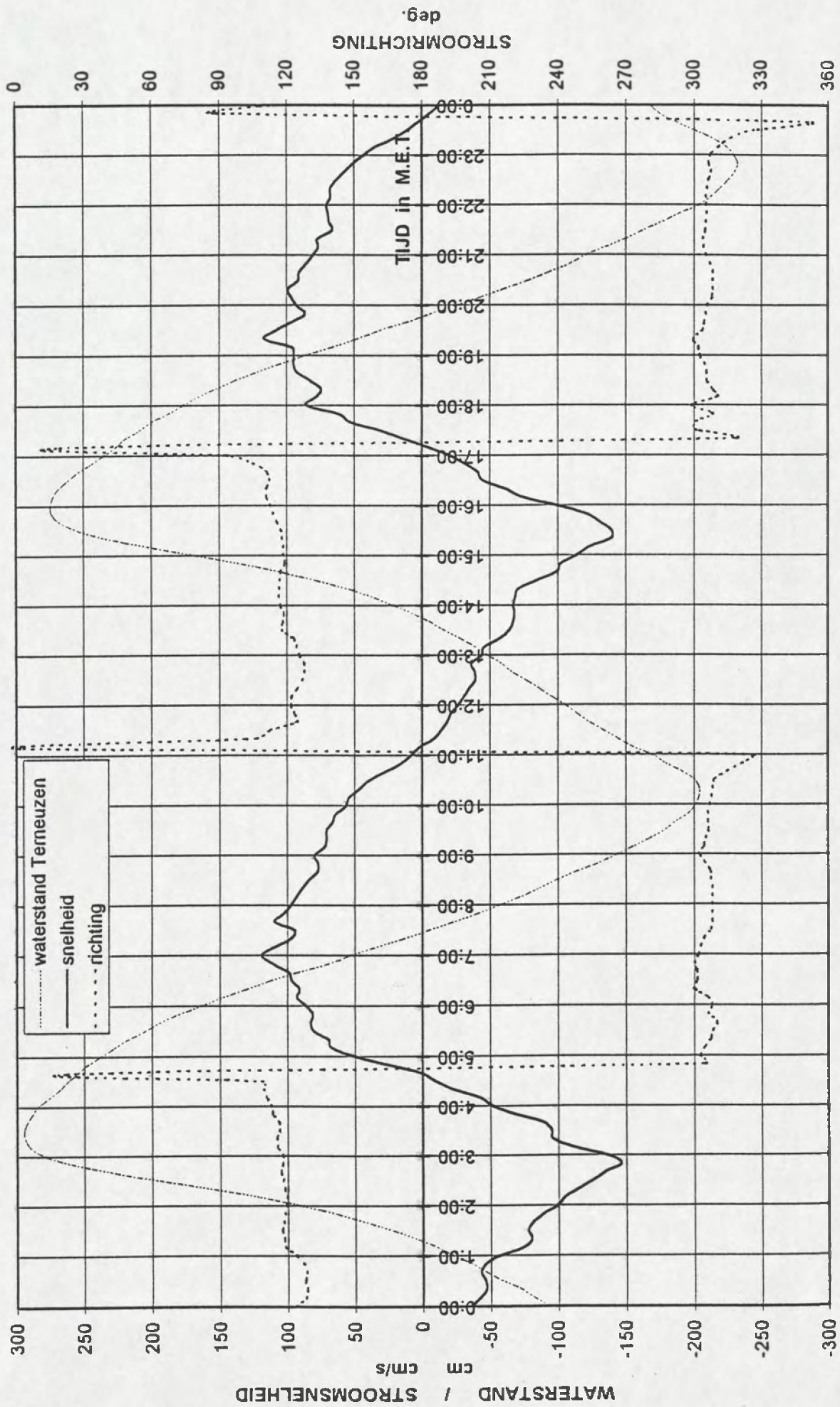
Debietraai 7 meetpunt OSM 1

14 juli 1999



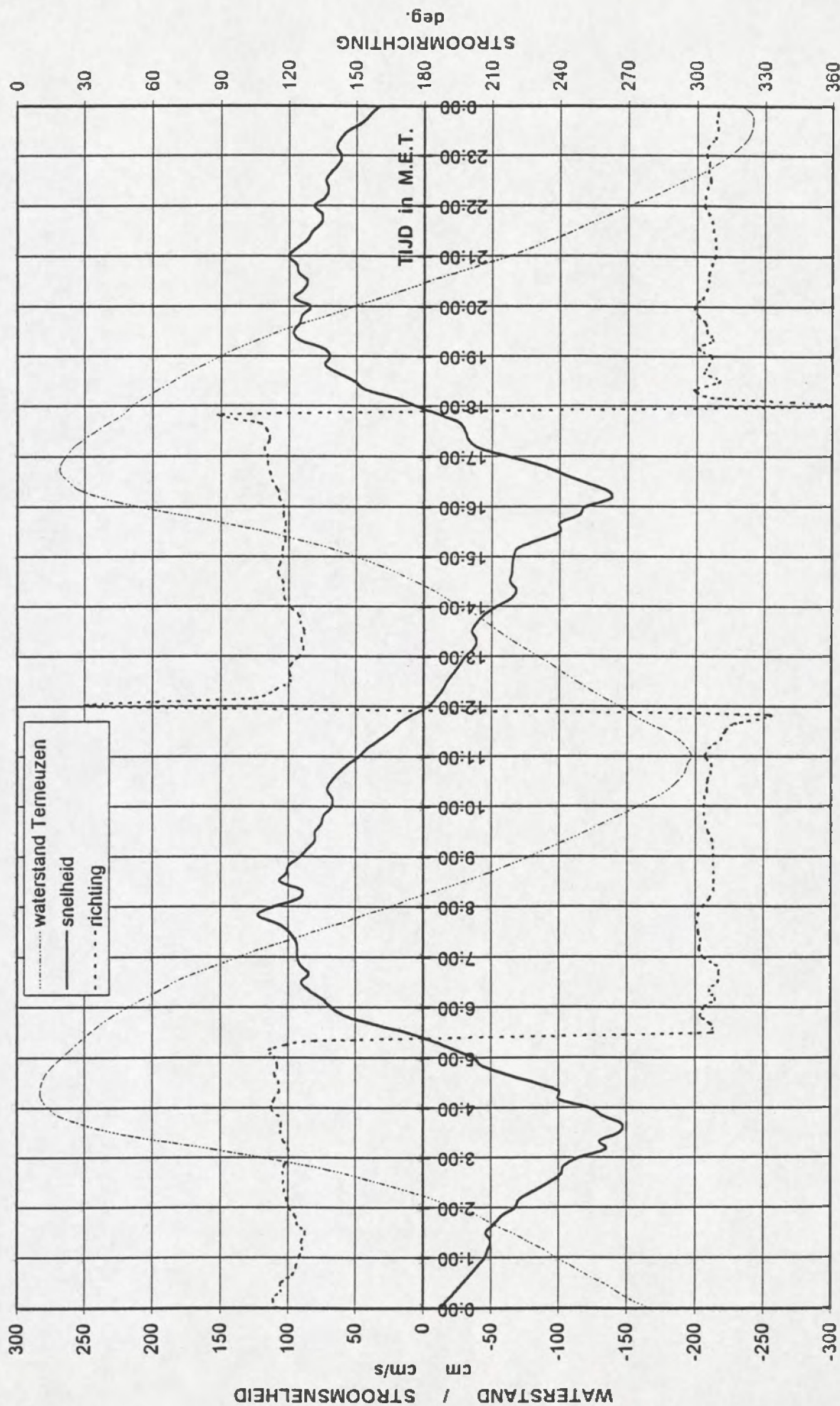
Debietraai 7 meetpunt OSM 1

15 juli 1999

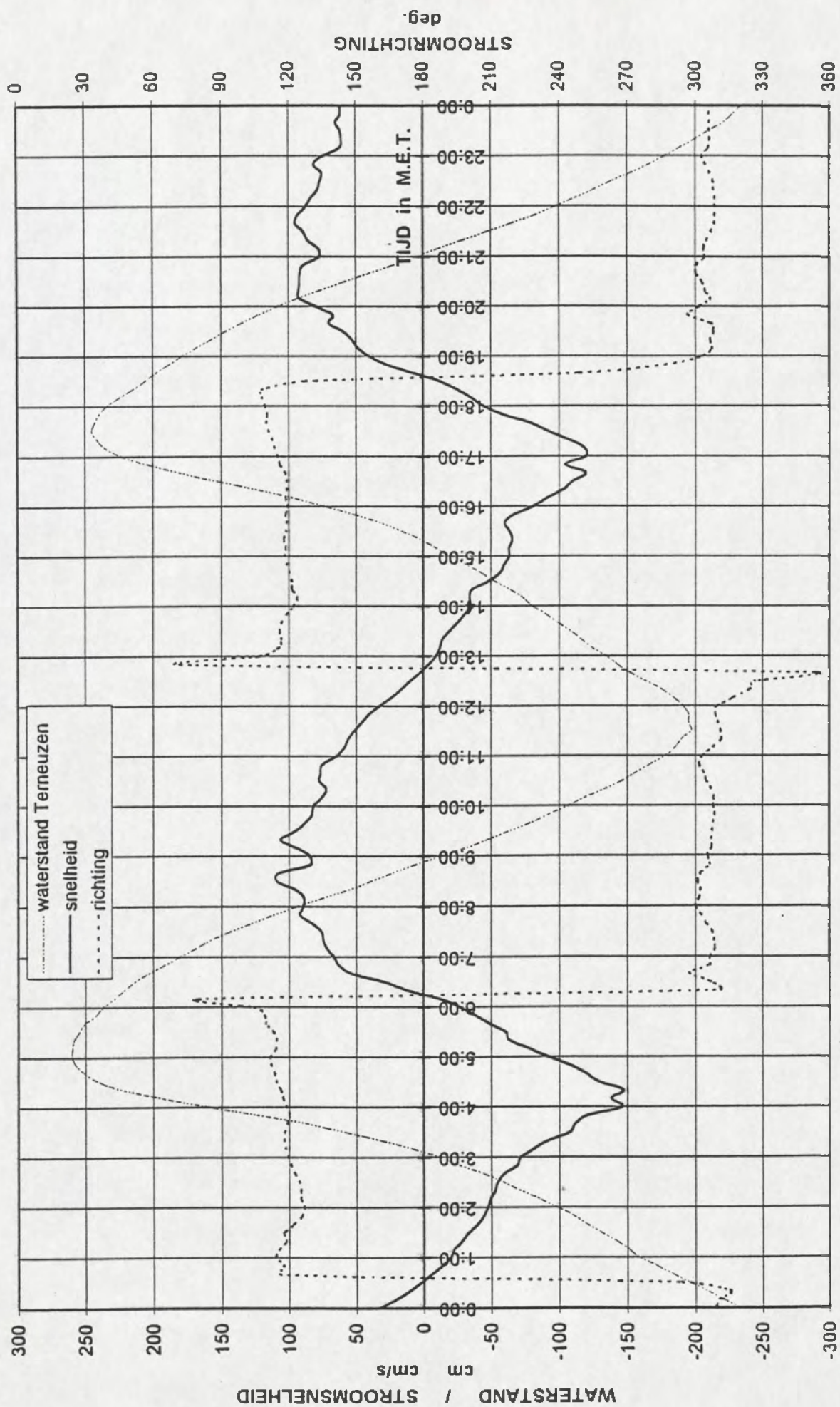


Debietraai 7 meetpunt OSM 1

16 juli 1999

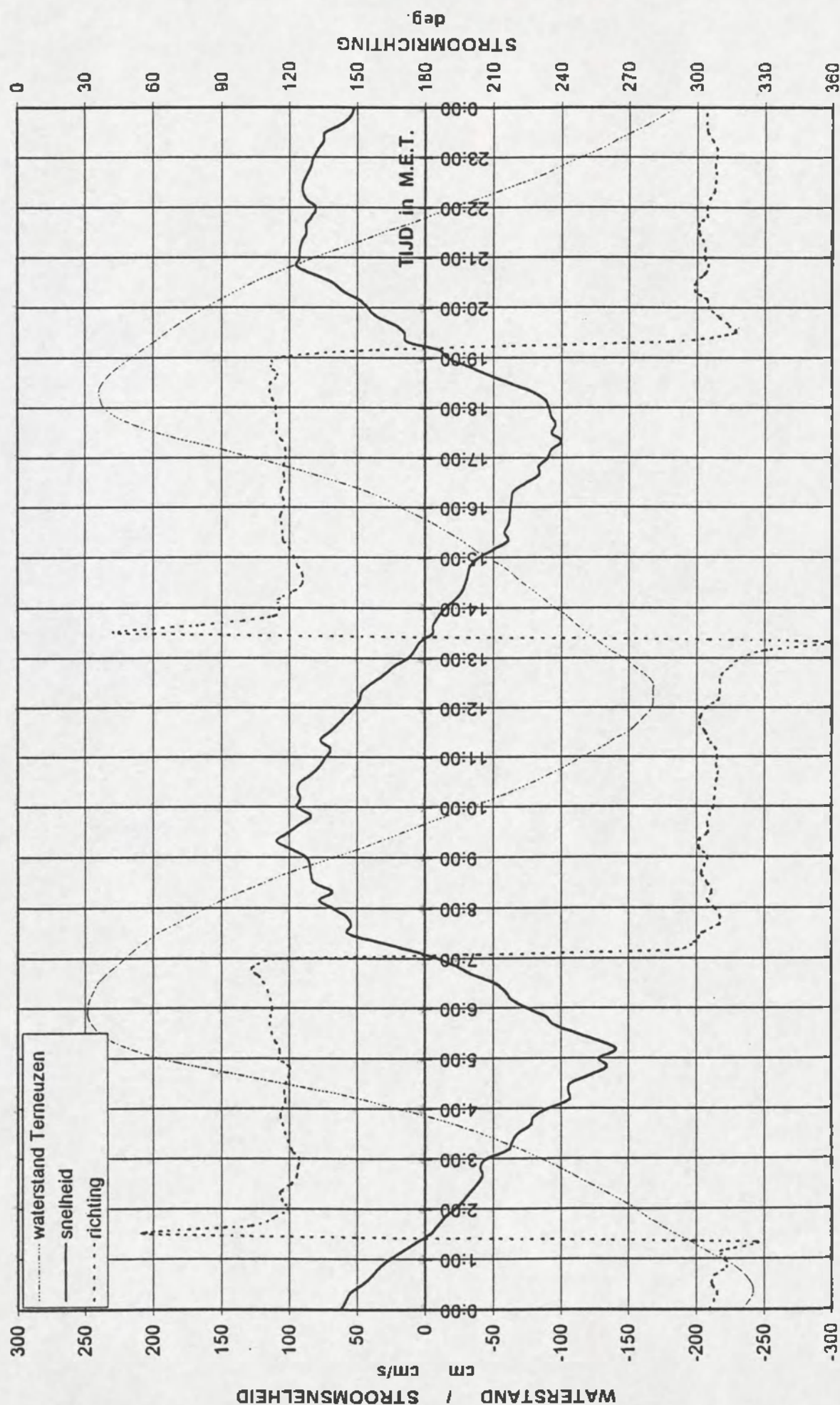


Debietraai 7 meetpunt OSM 1
17 juli 1999



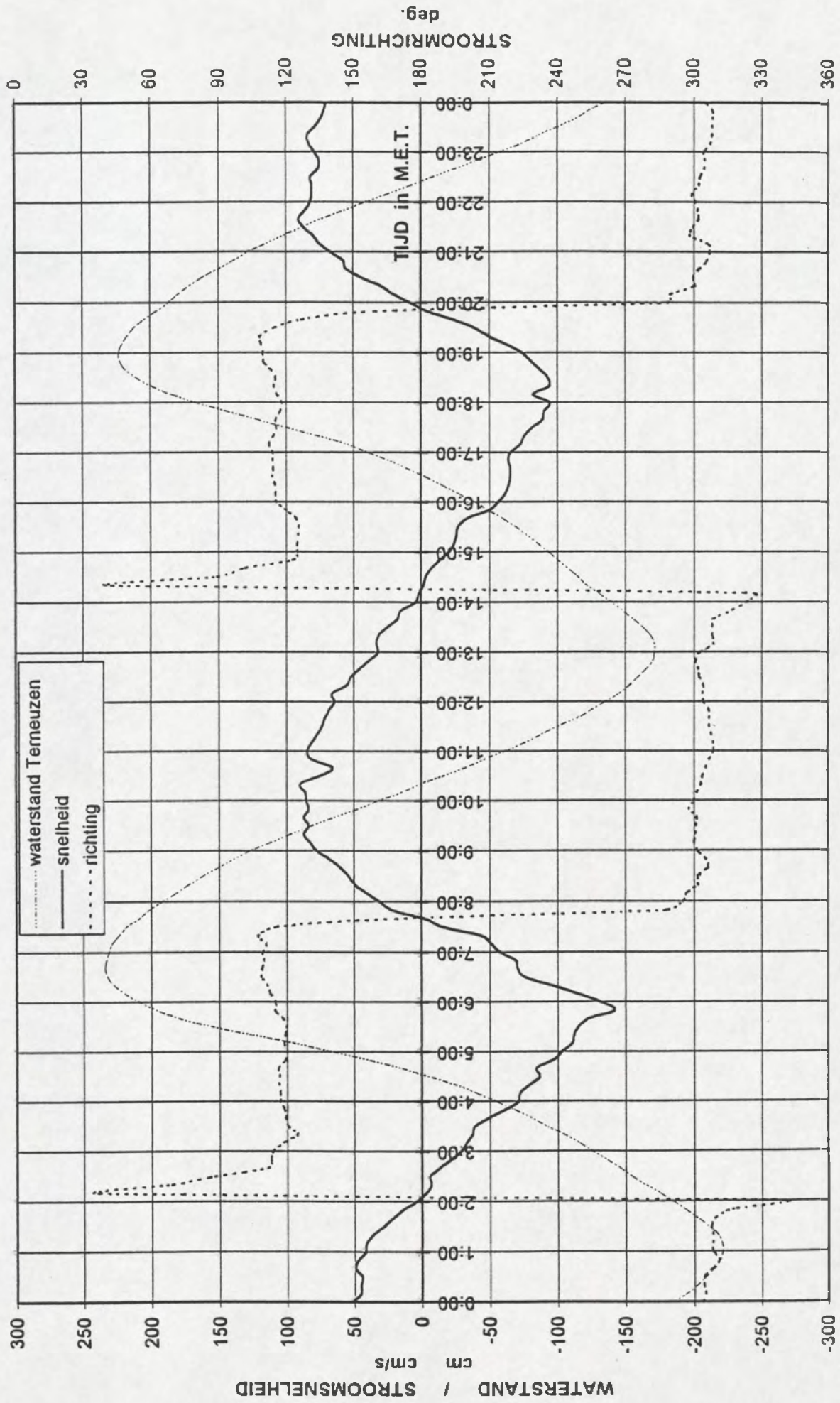
Debietraai 7 meetpunt QSM 1

18 juli 1999

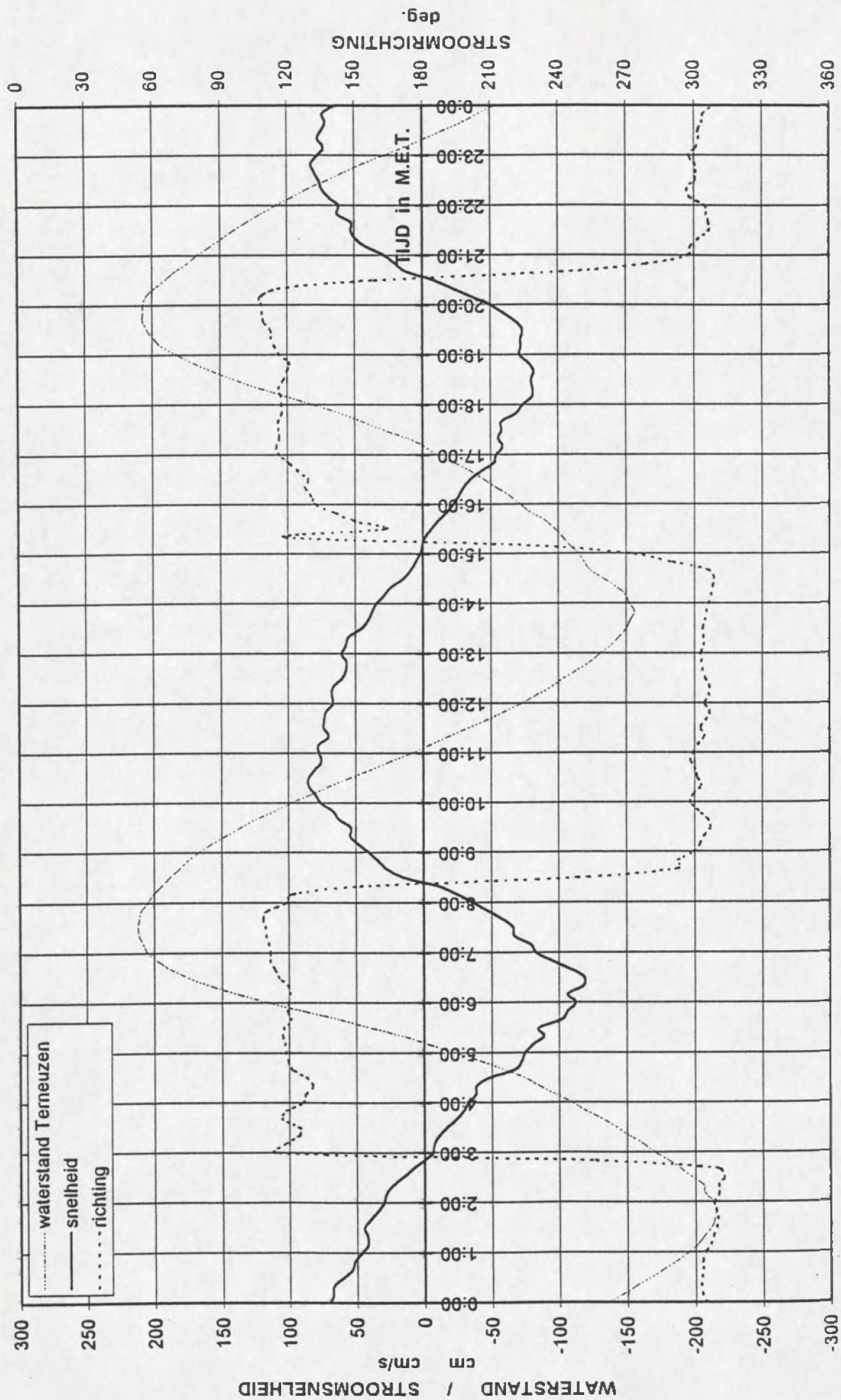


Debietraai 7 meetpunt OSM 1

19 juli 1999

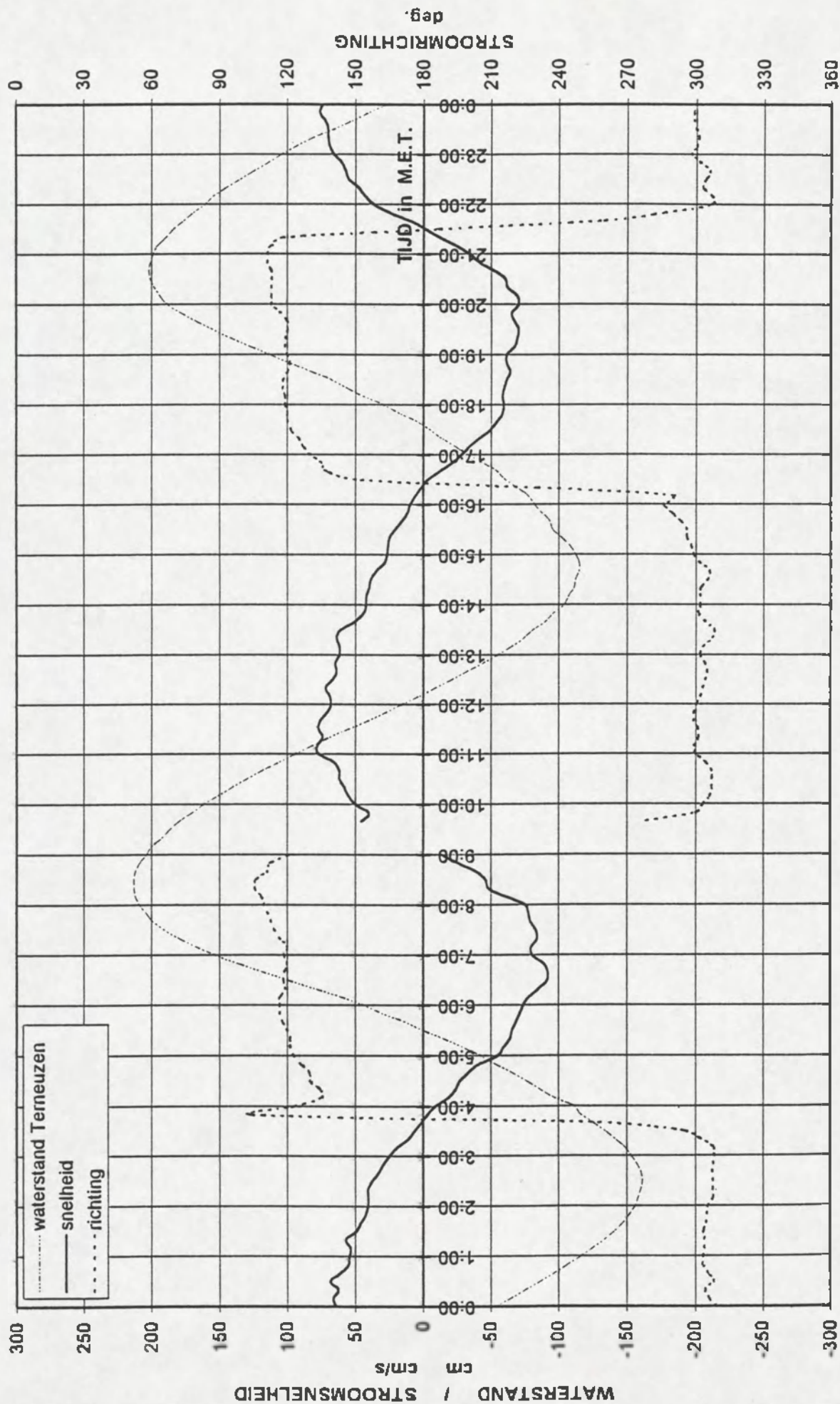


Debietraai 7 meetpunt OSM 1
20 juli 1999



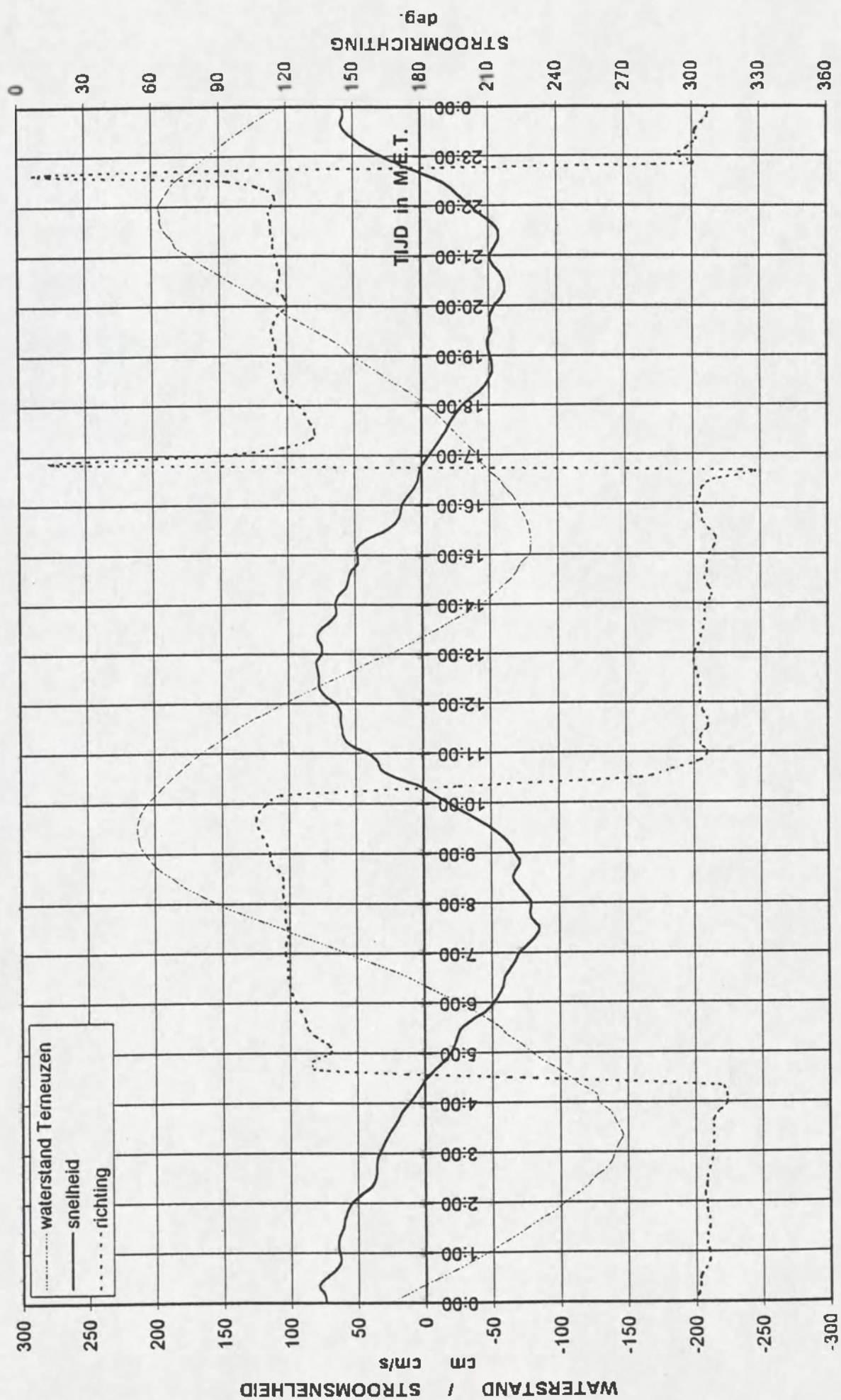
Debietraai 7 meetpunt OSM 1

21 juli 1999



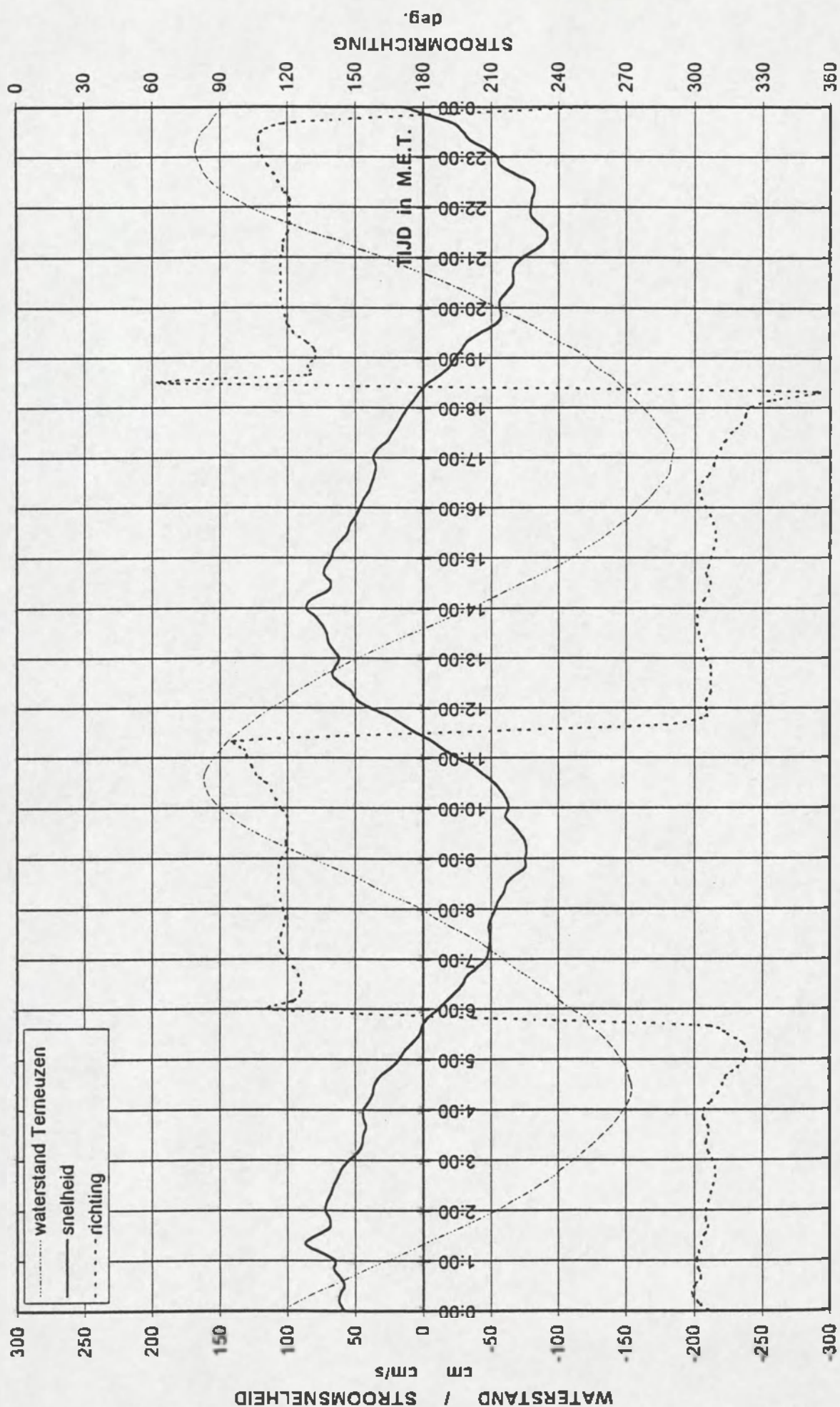
Debietraai 7 meetpunt OSM 1

22 juli 1999



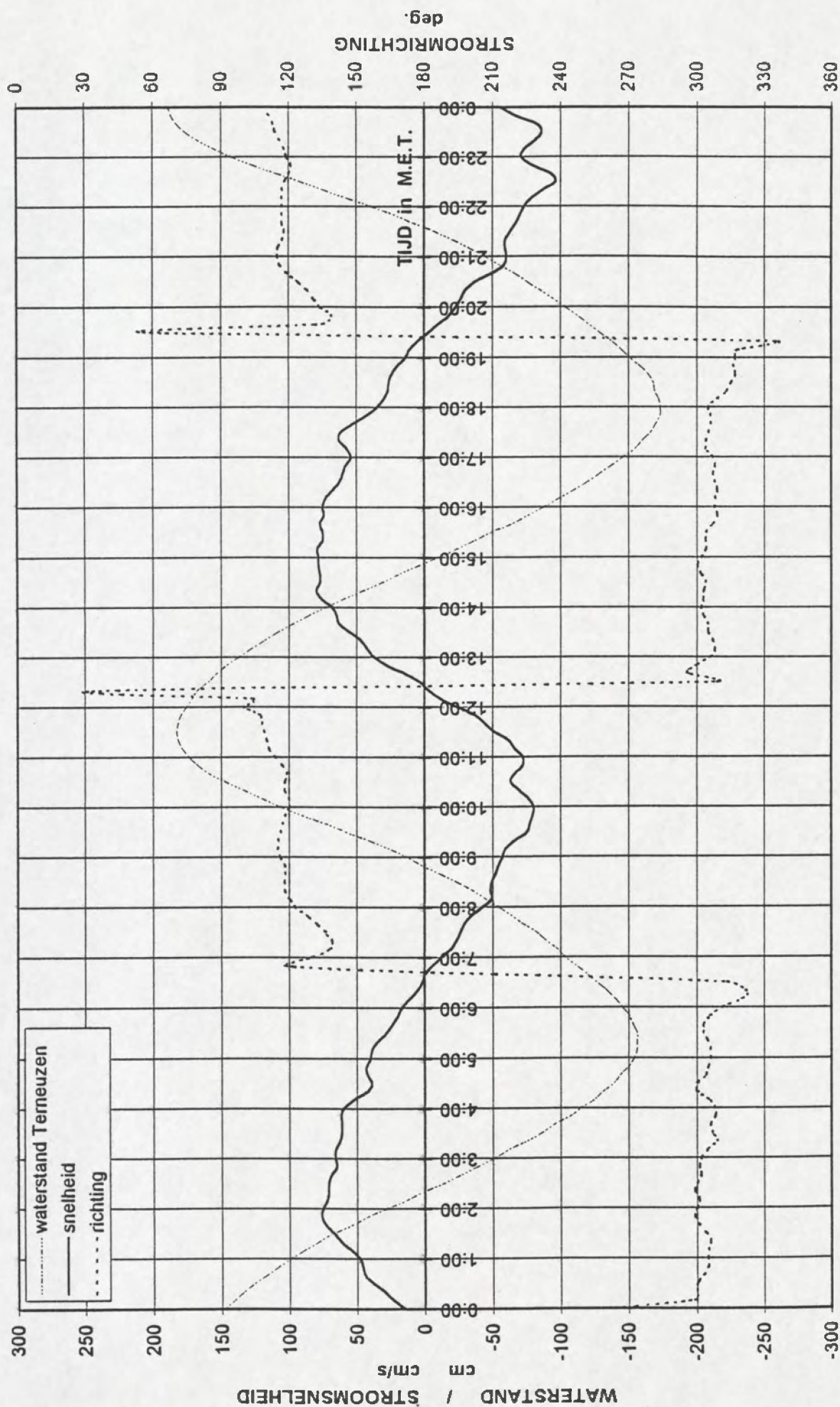
Debietraai 7 meetpunt QSM 1

23 juli 1999



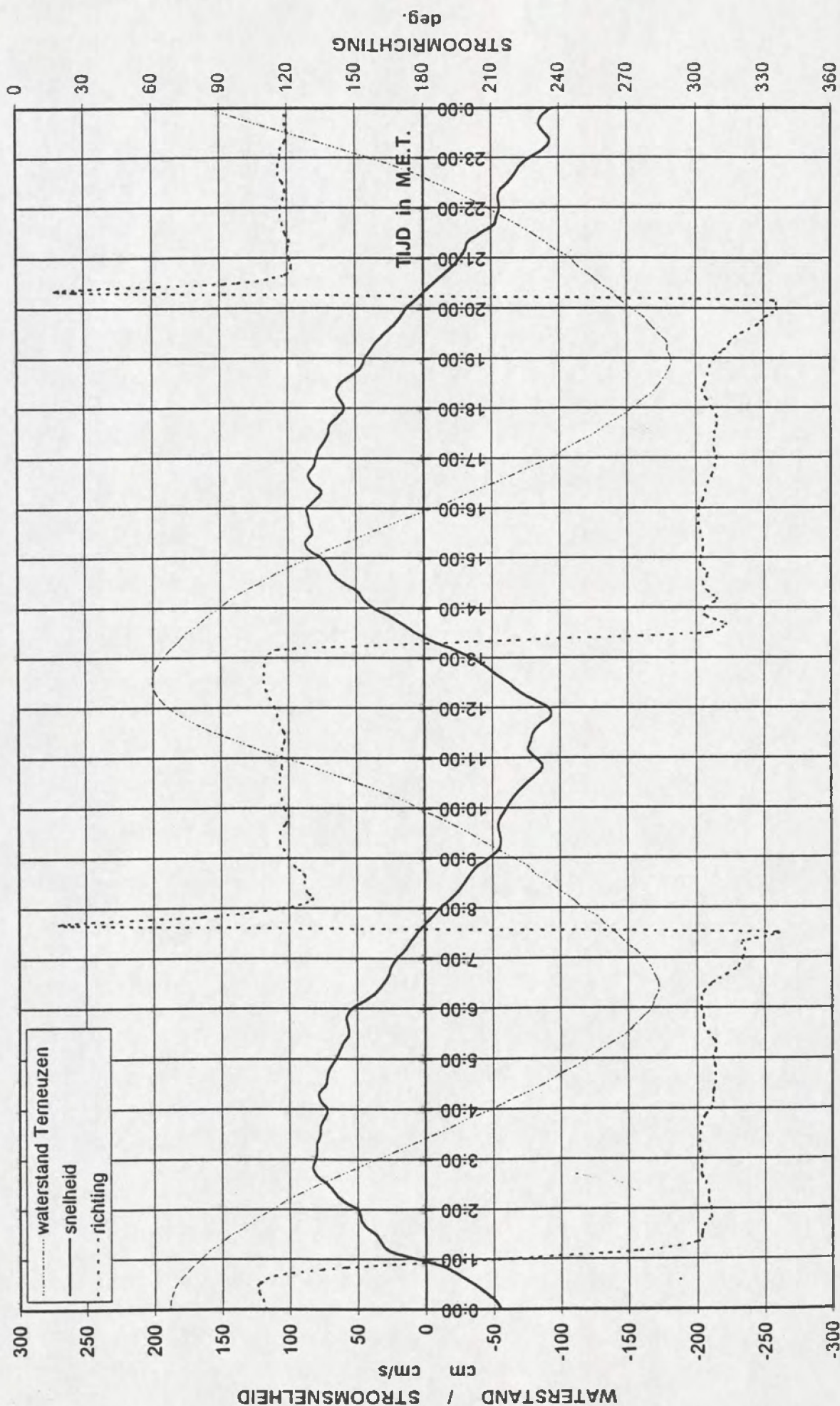
Debietraai 7 meetpunt OSM 1

24 juli 1999



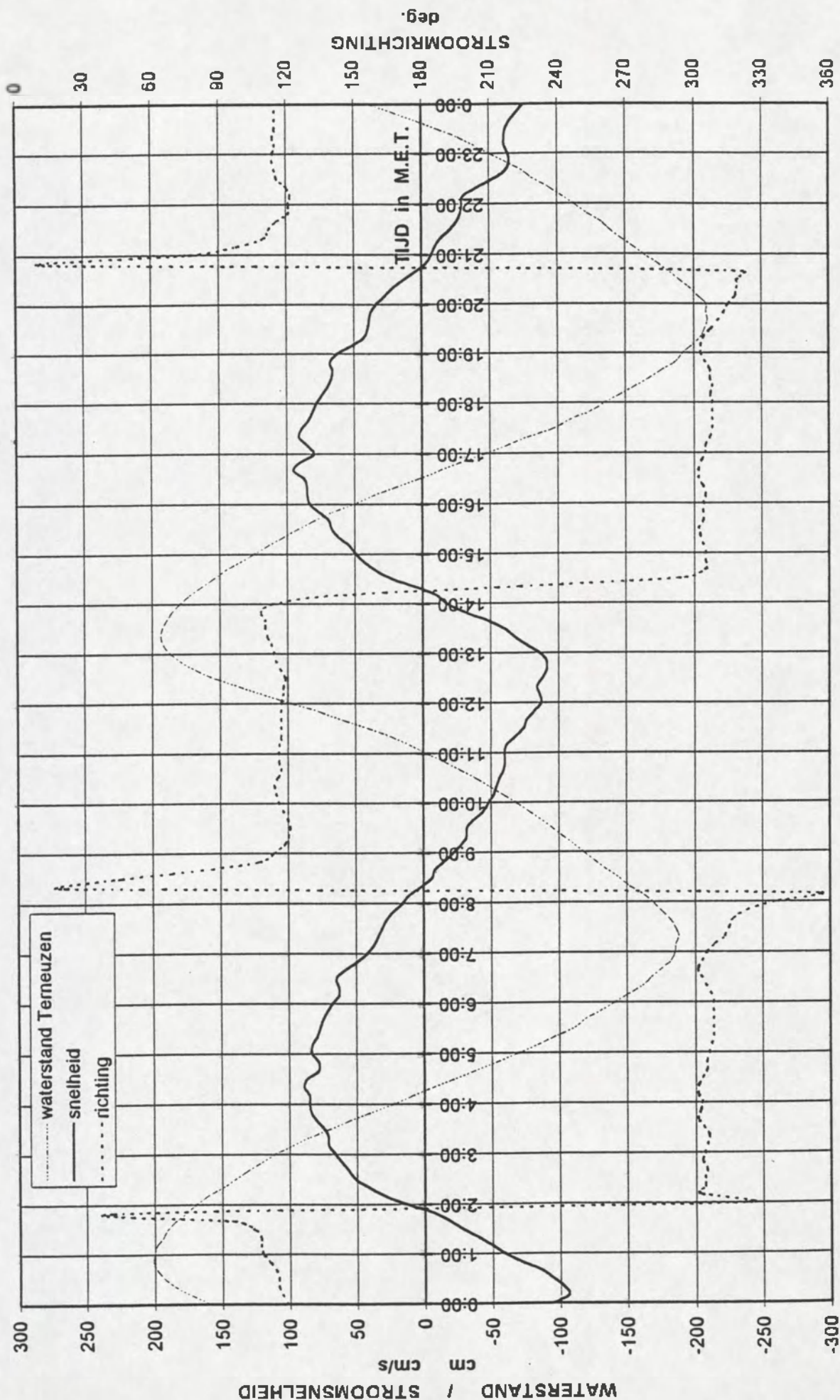
Debietraai 7 meetpunt OSM 1

25 juli 1999



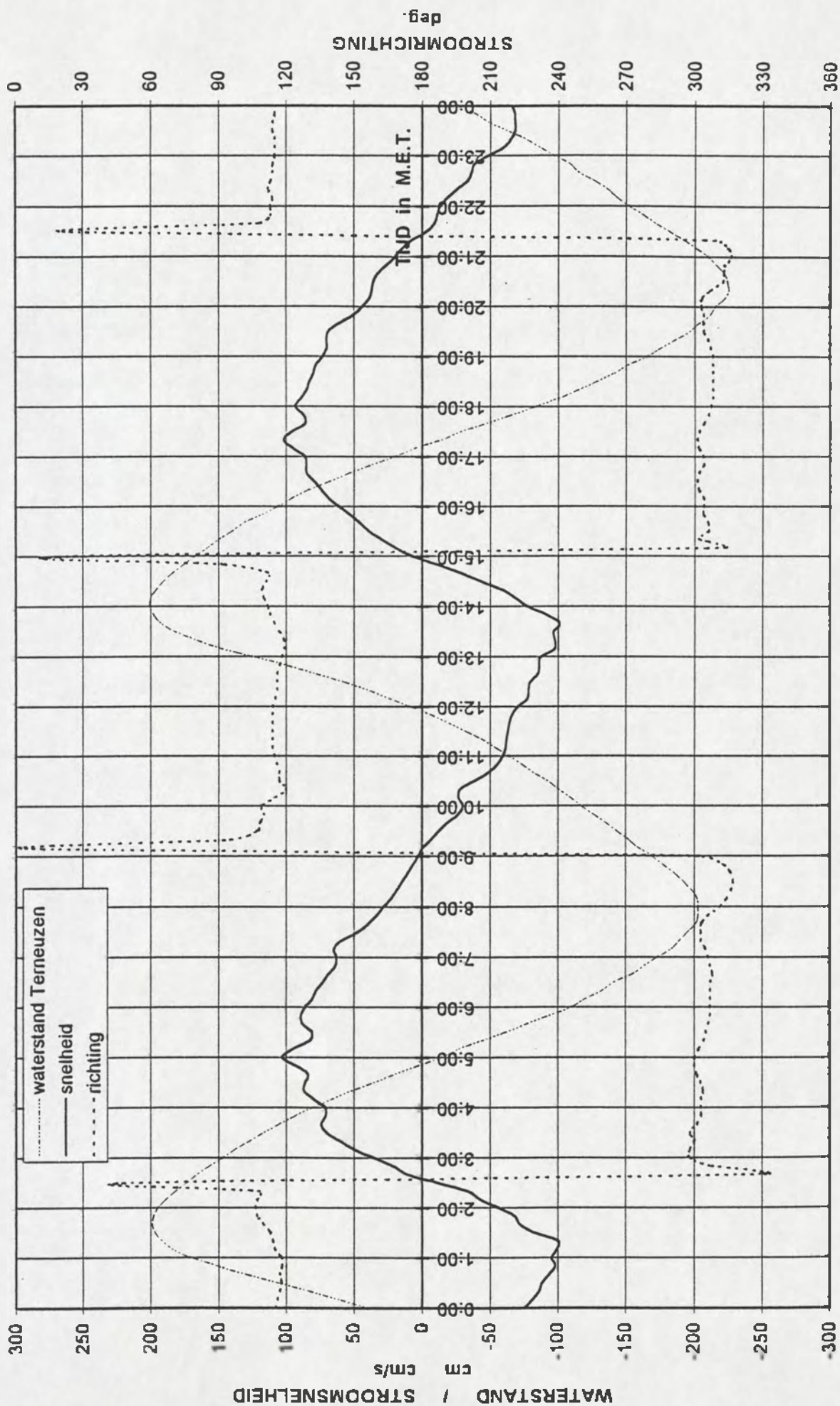
Debietraai 7 meetpunt OSM 1

26 juli 1999



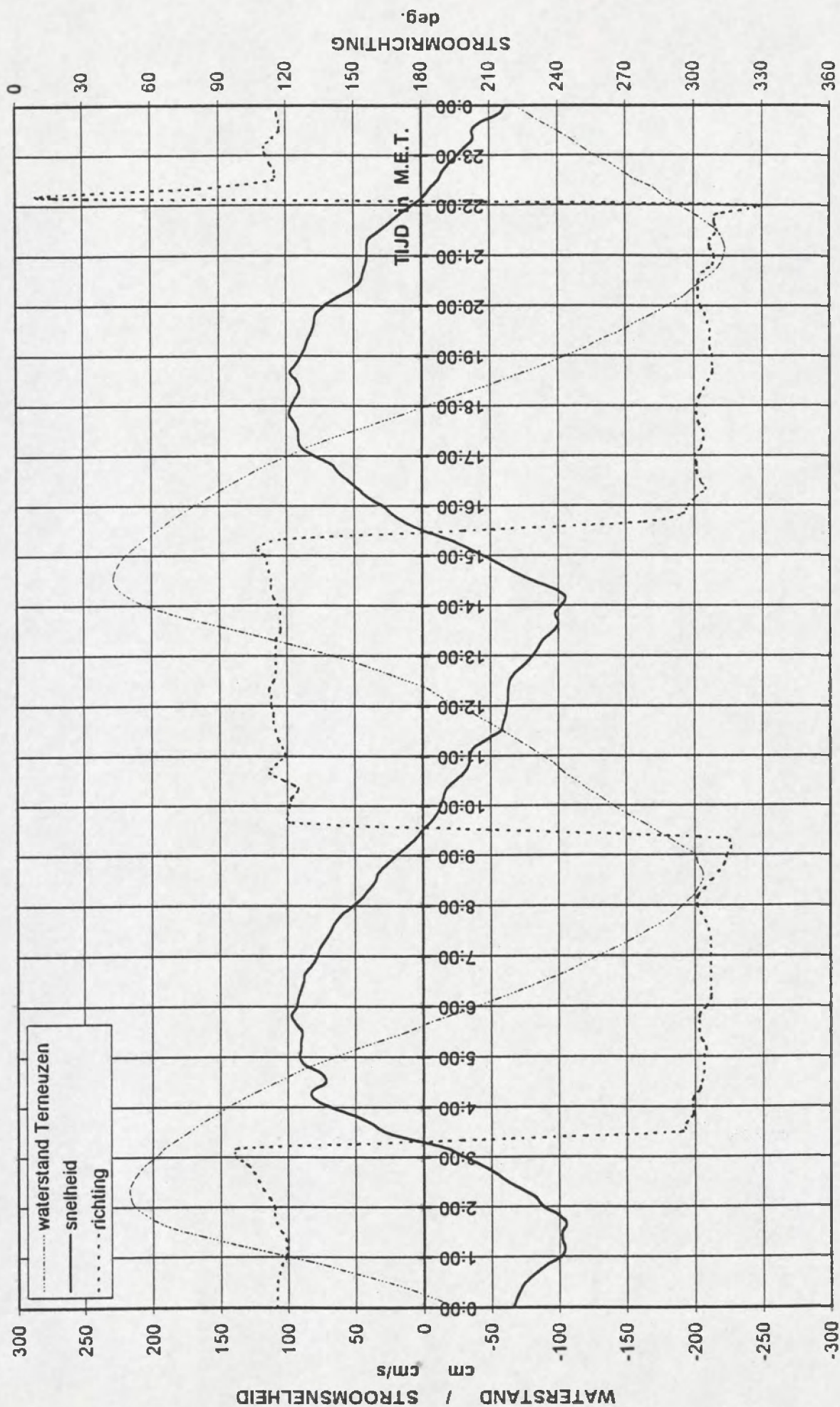
Debietraai 7 meetpunt OSM 1

27 juli 1999



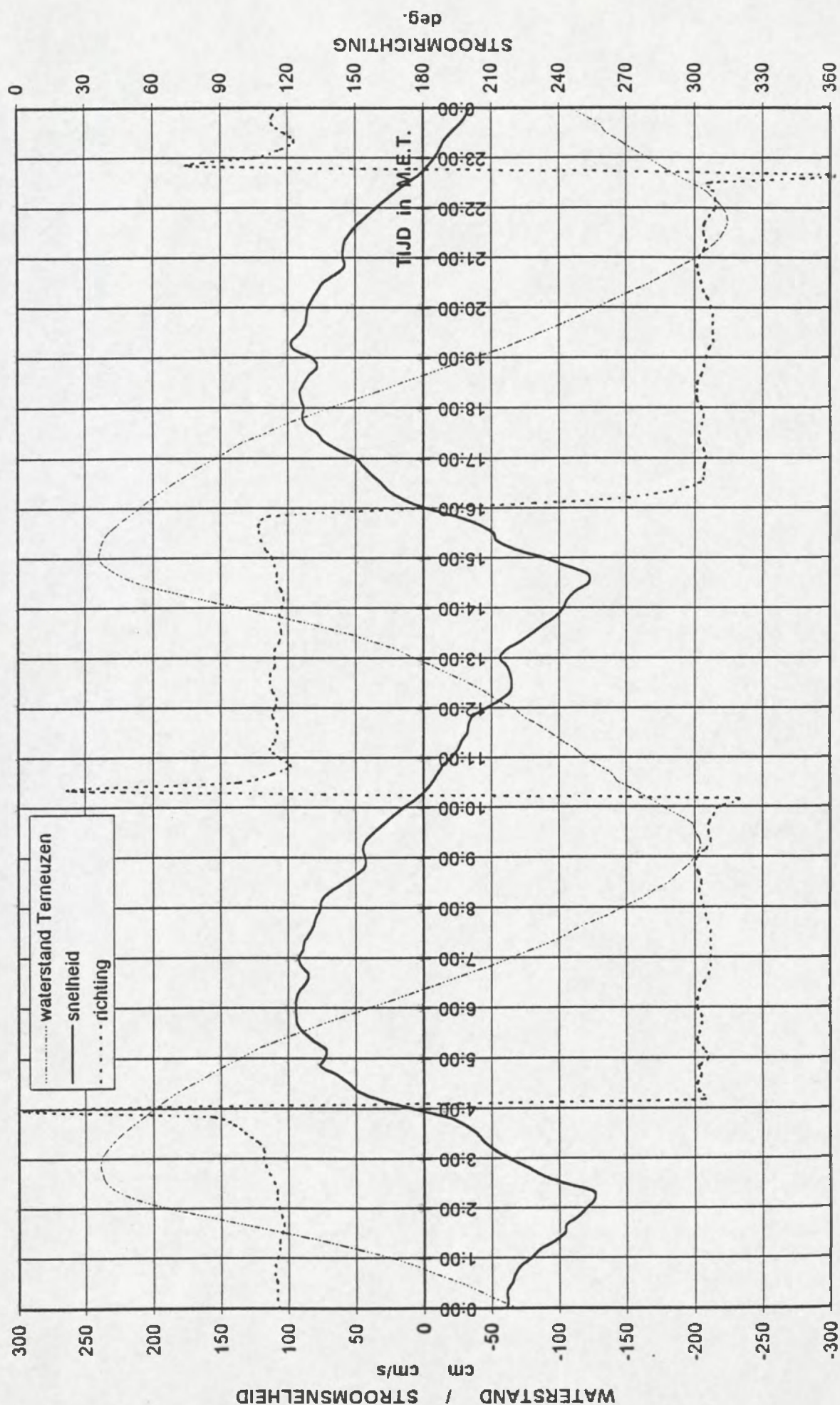
Debietraai 7 meetpunt OSM 1

28 juli 1999



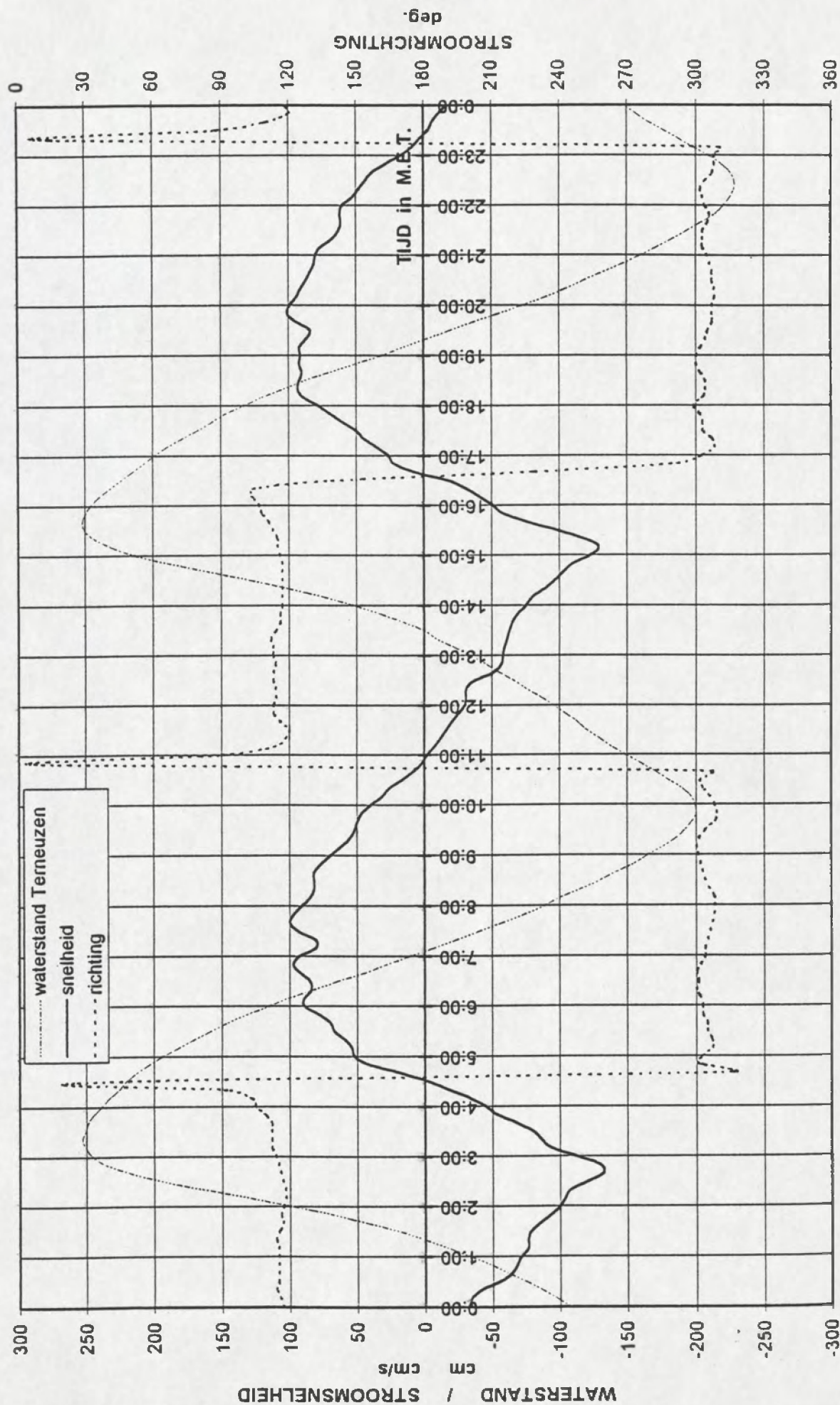
Debietraai 7 meetpunt OSM 1

29 juli 1999



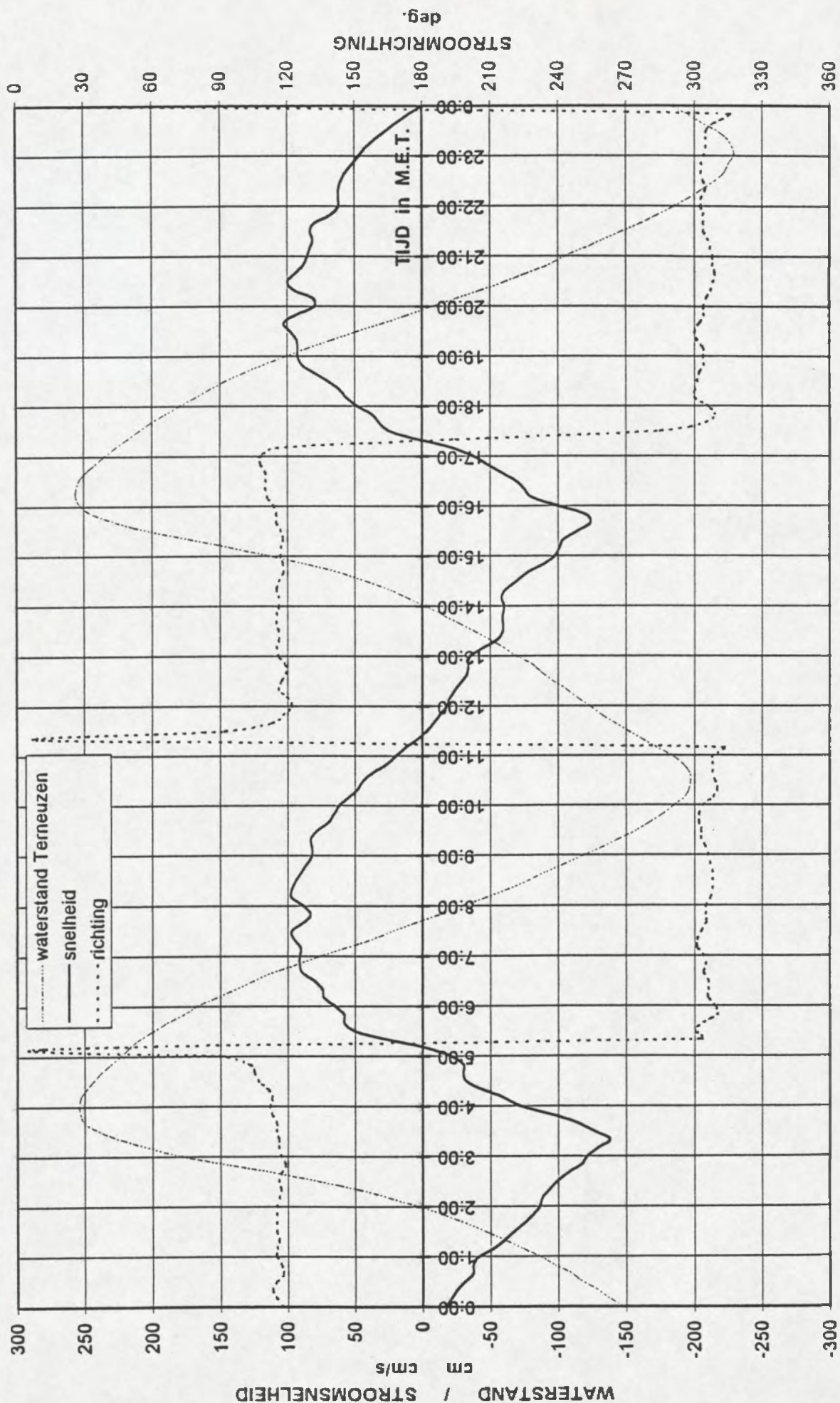
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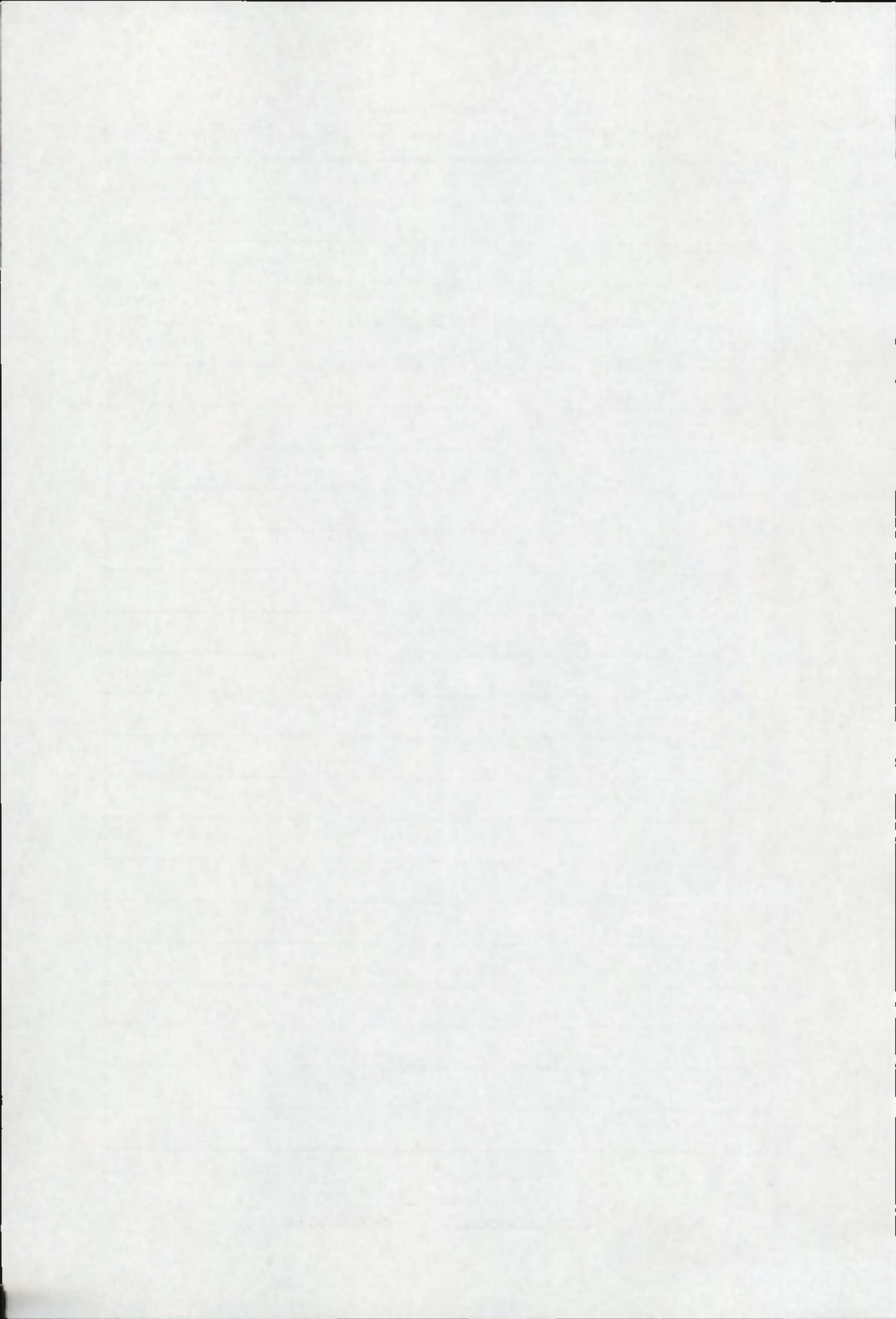
30 juli 1999



Debietraai 7 meetpunt OSM 1

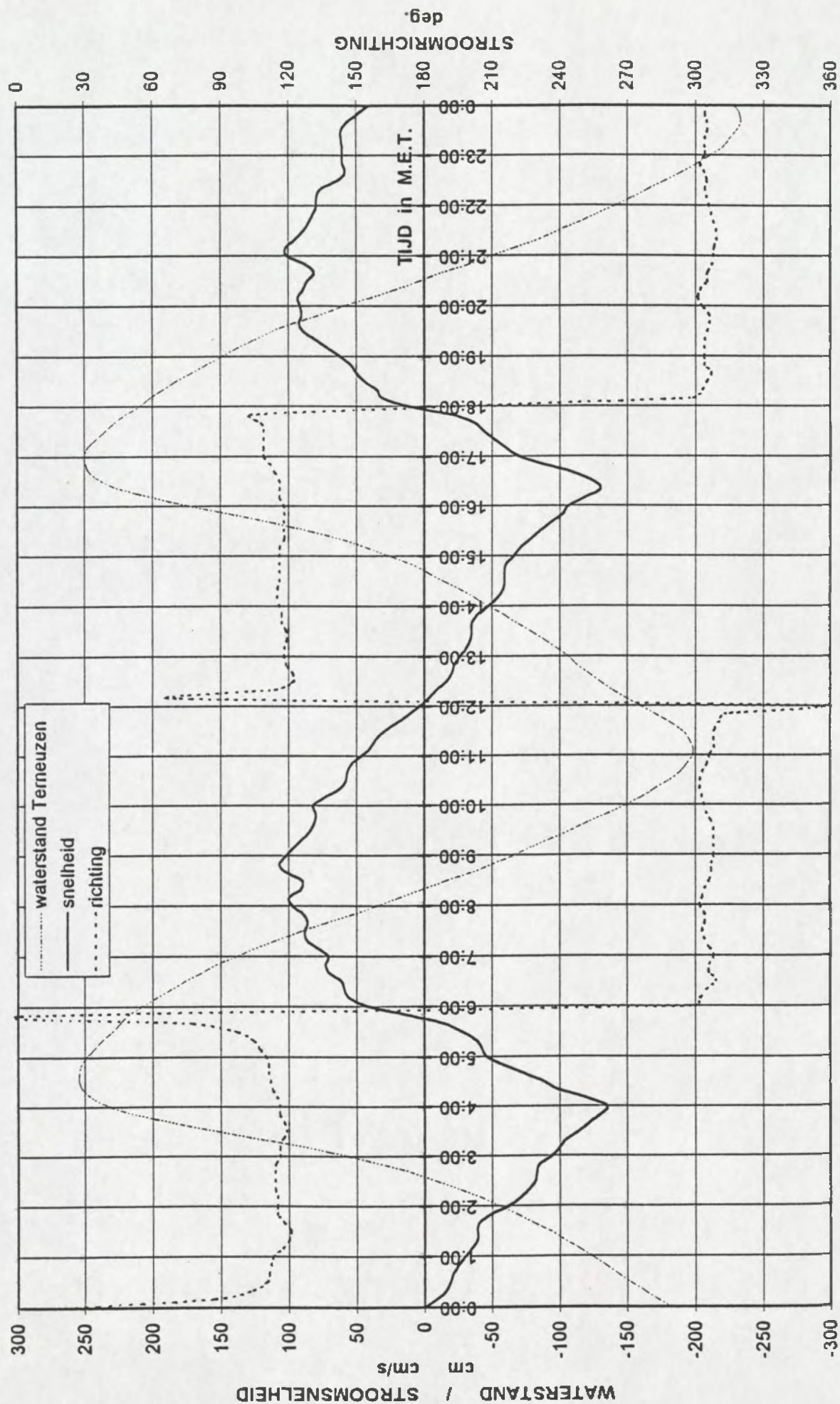
31 juli 1999



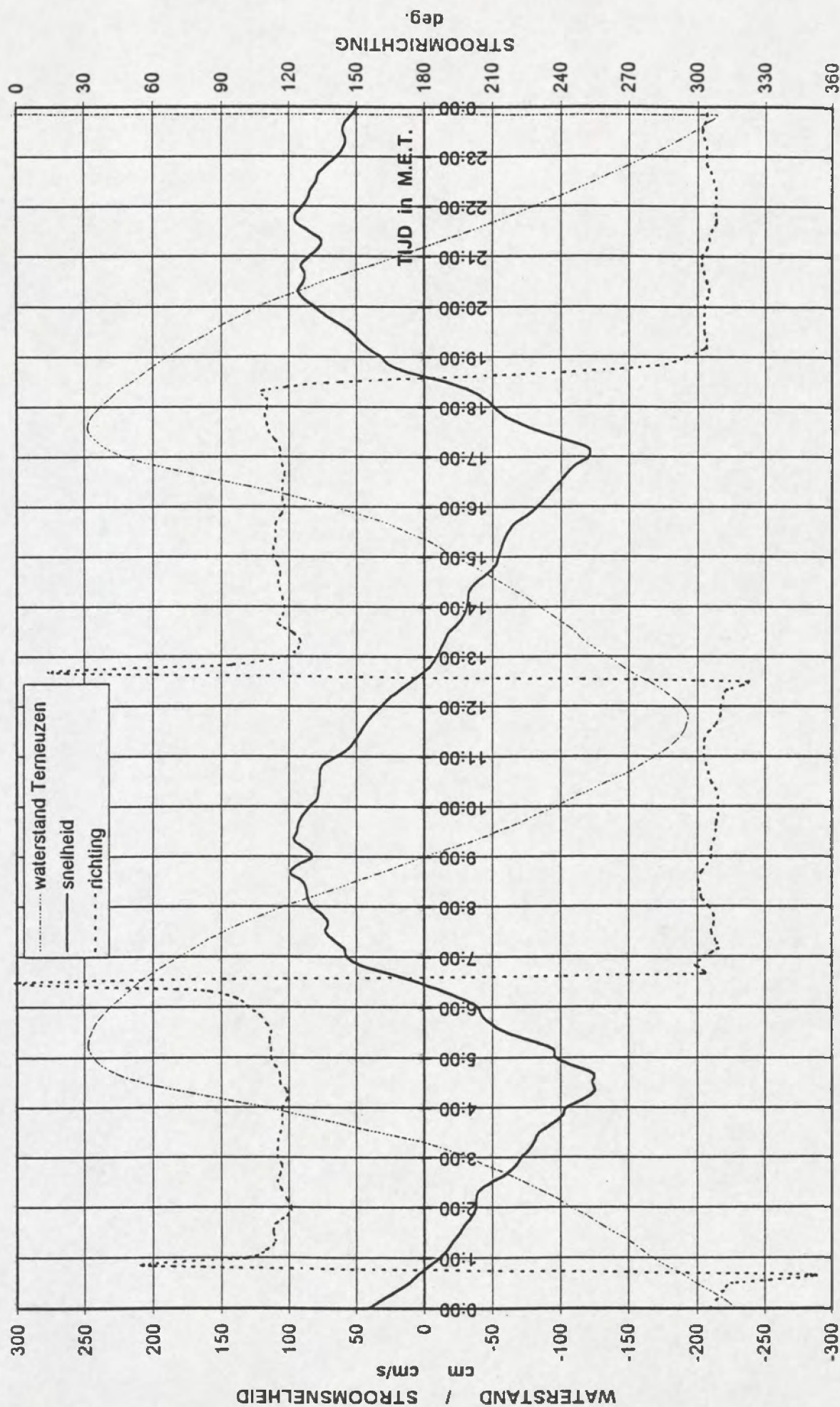


Debietraai 7 meetpunt OSM 1

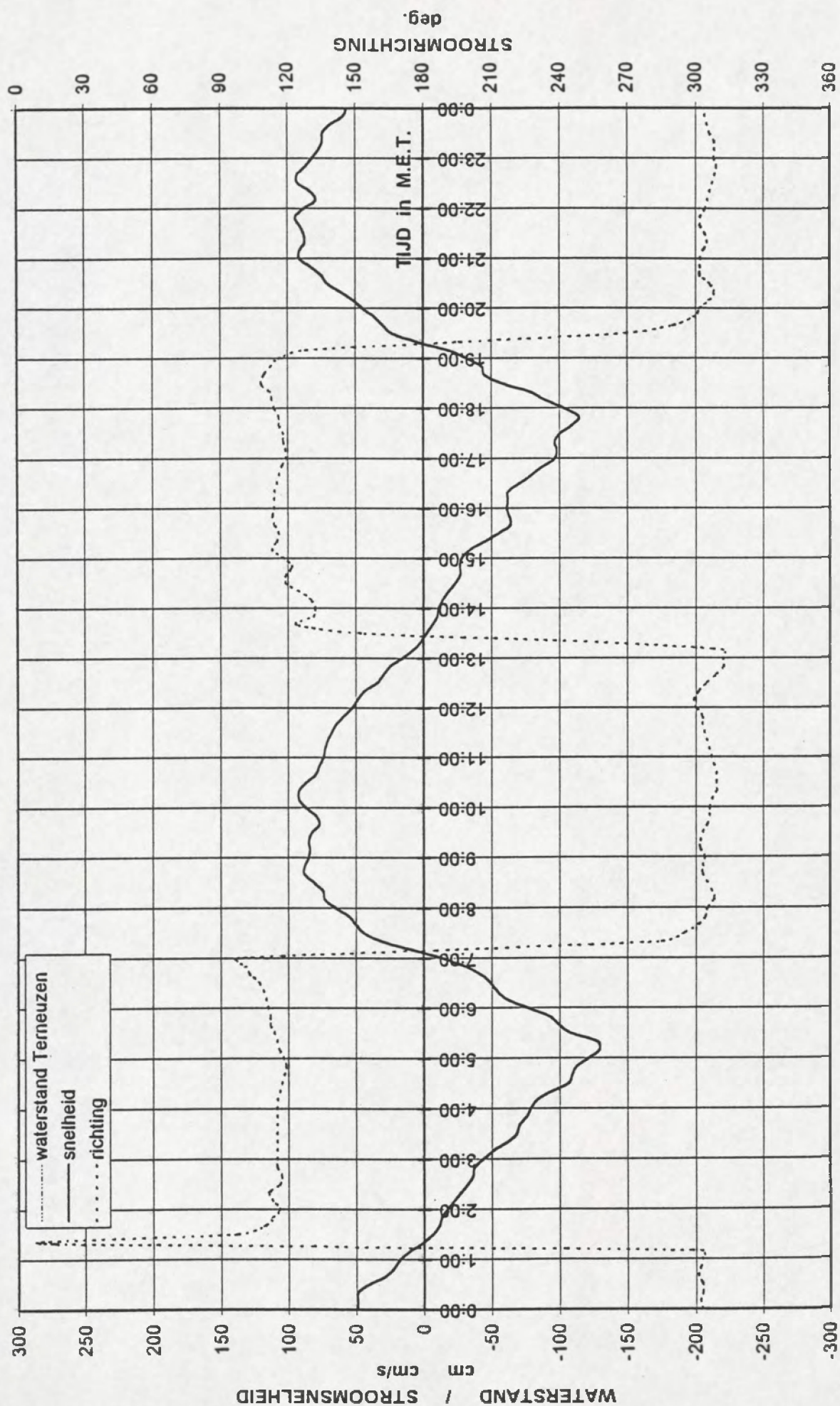
1 augustus 1999



Debietraai 7 meetpunt OSM 1
2 augustus 1999

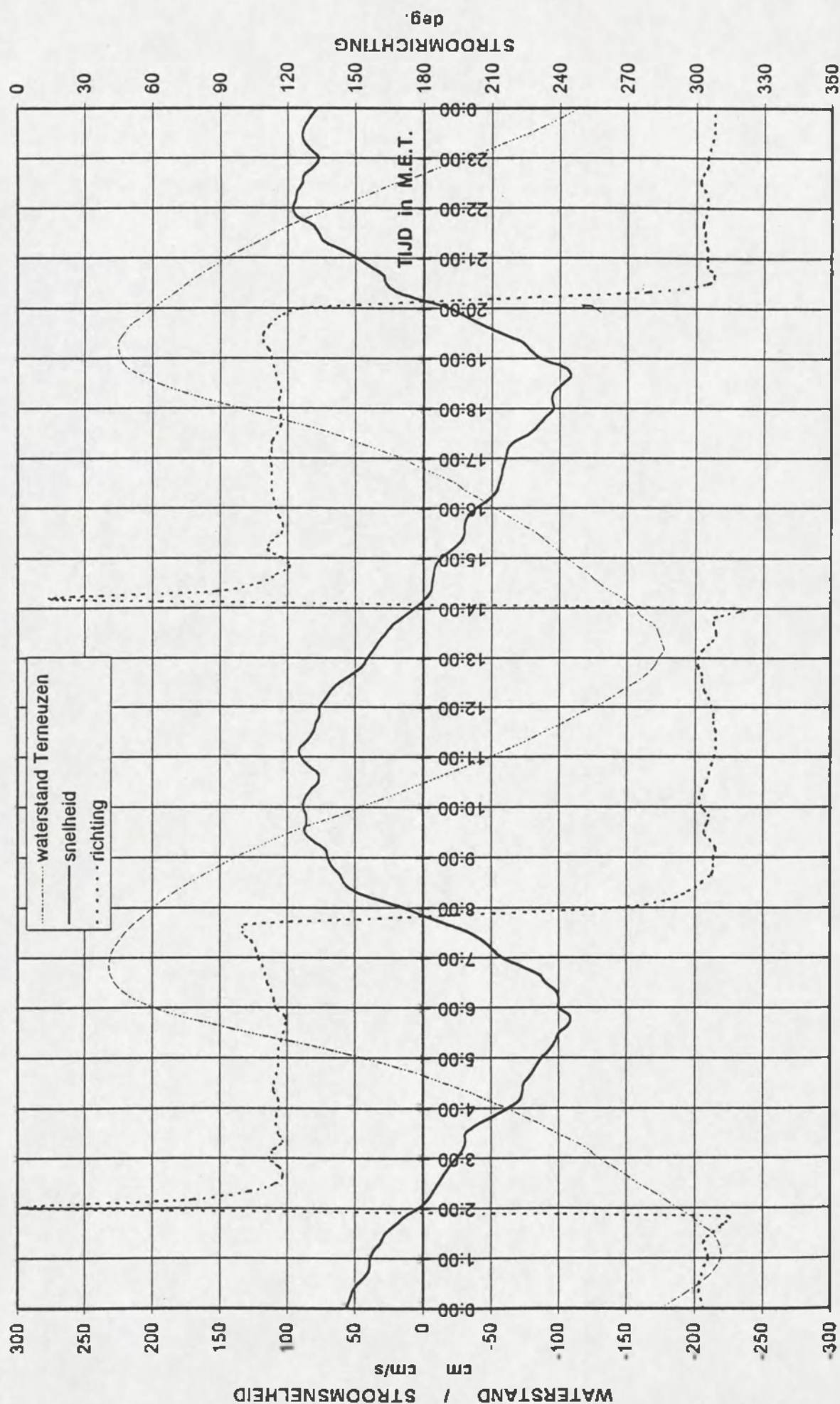


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3 augustus 1999

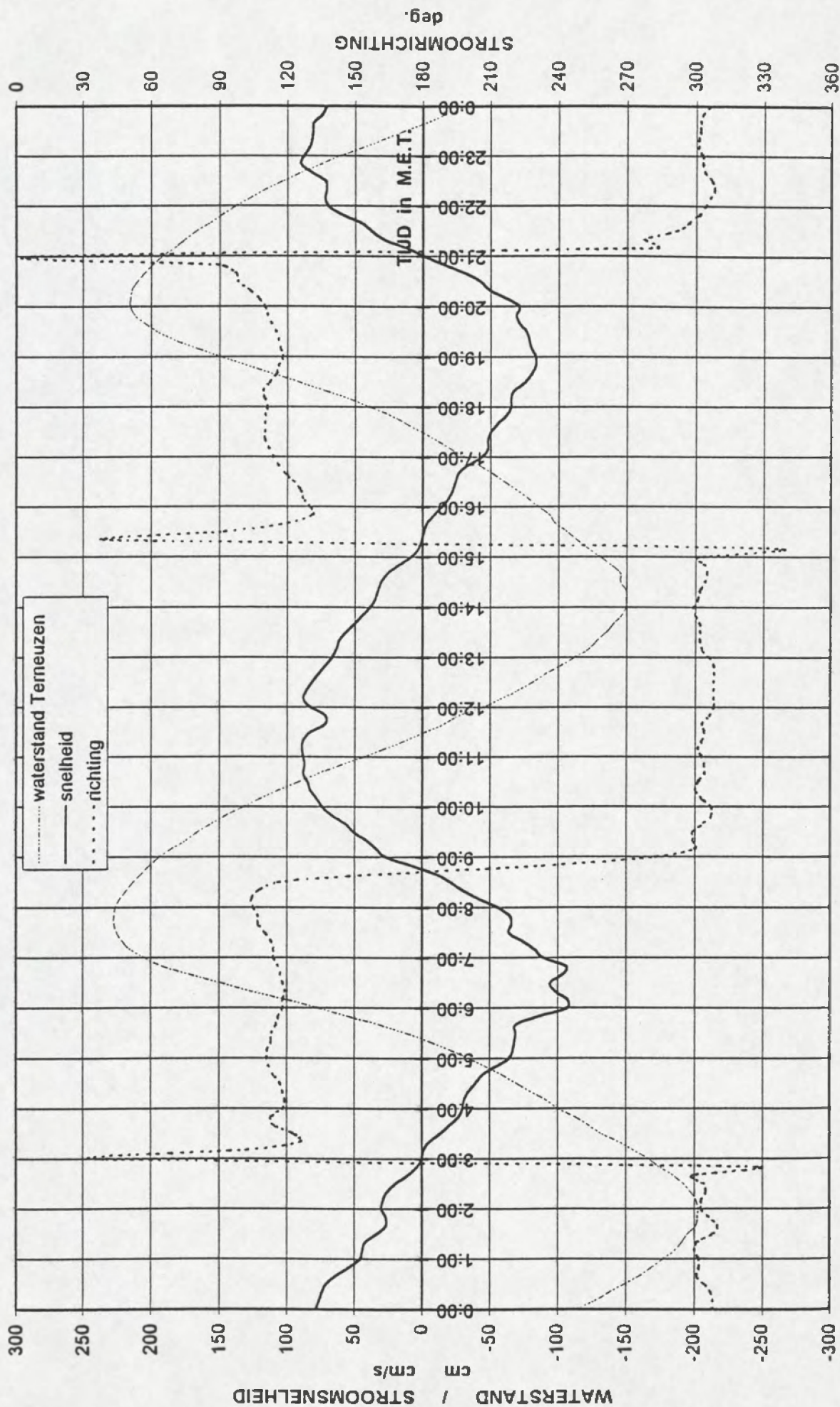


Debietraai 7 meetpunt OSM 1

4 augustus 1999

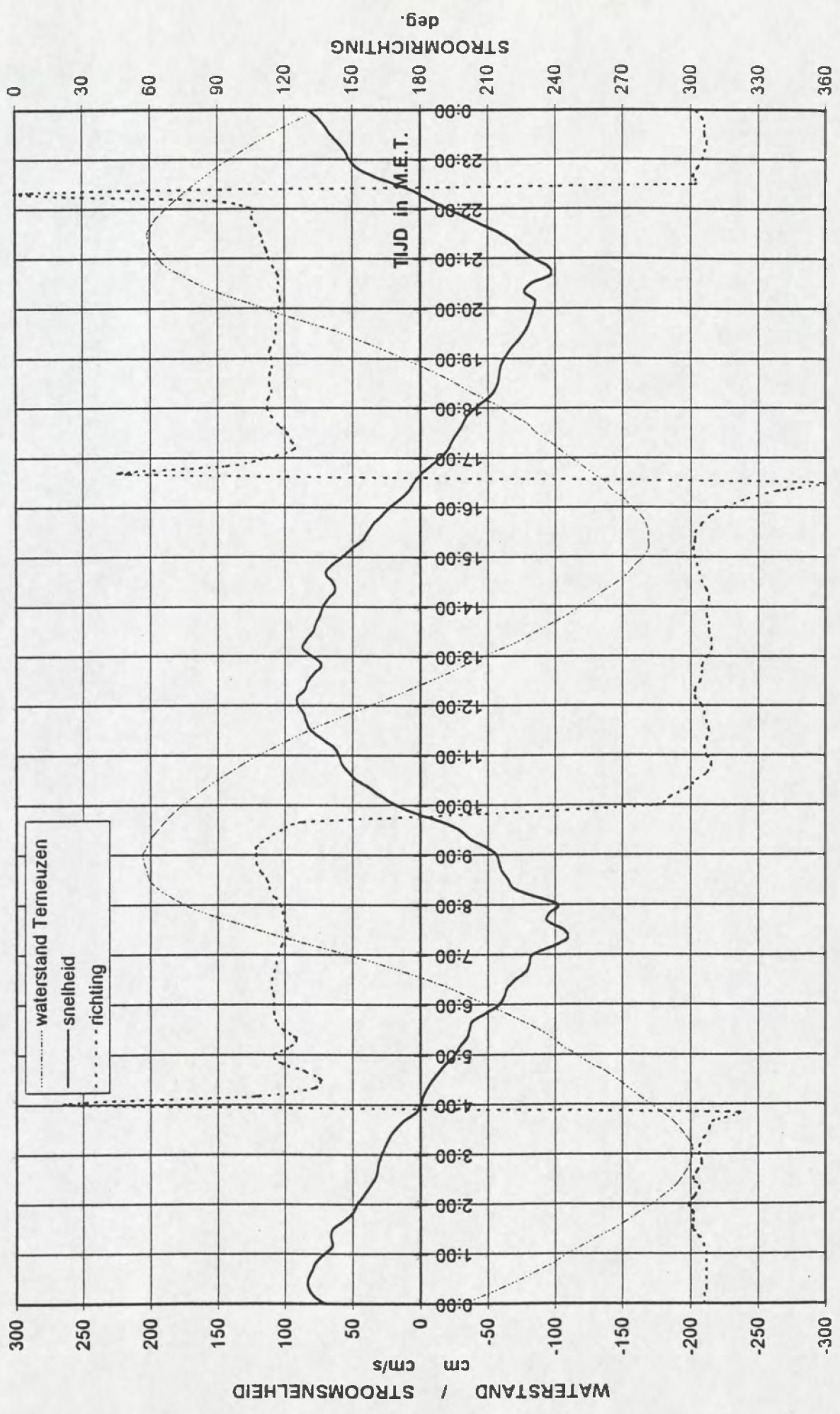


Debietraai 7 meetpunt OSM 1
5 augustus 1999



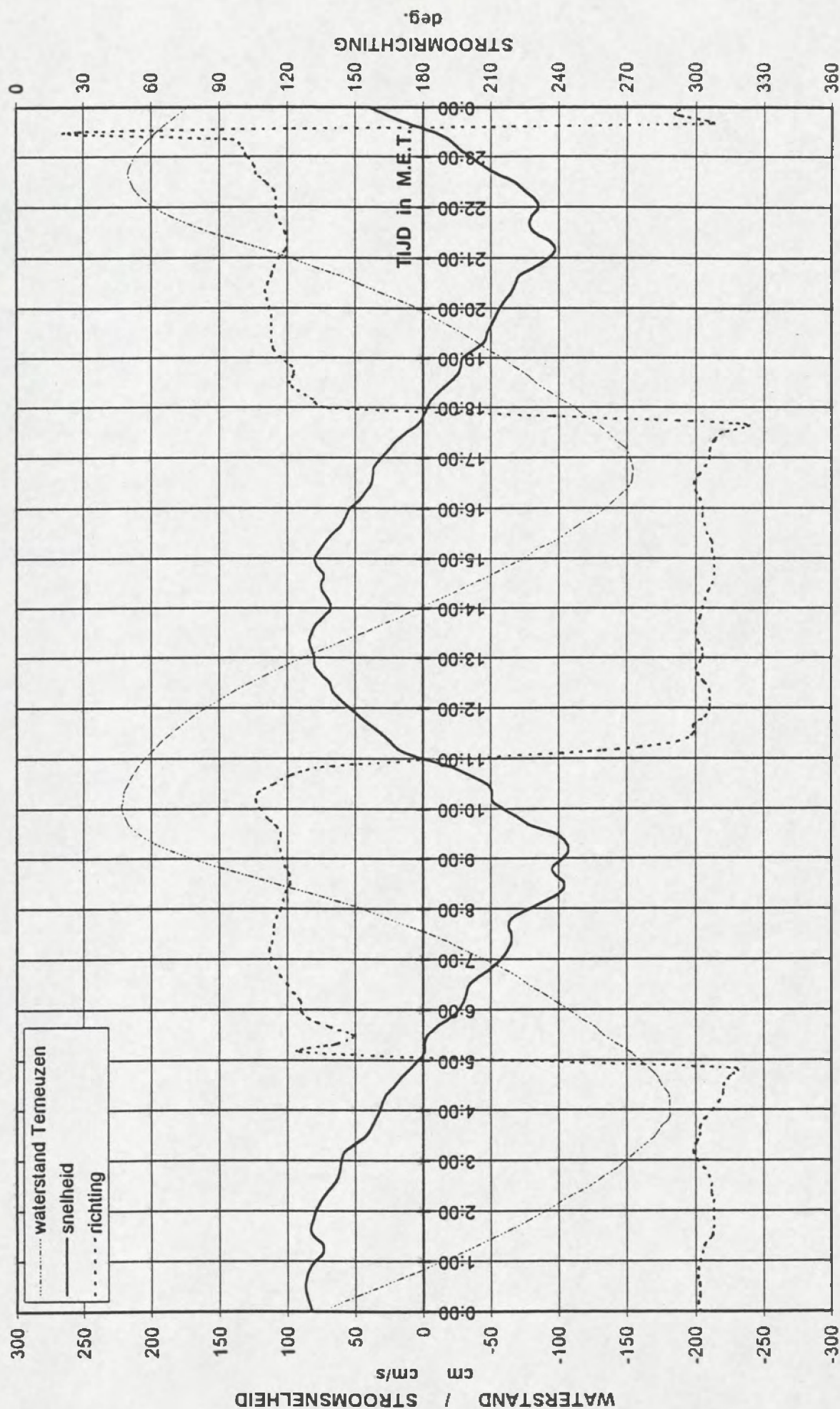
Debietraai 7 meetpunt OSM 1

6 augustus 1999



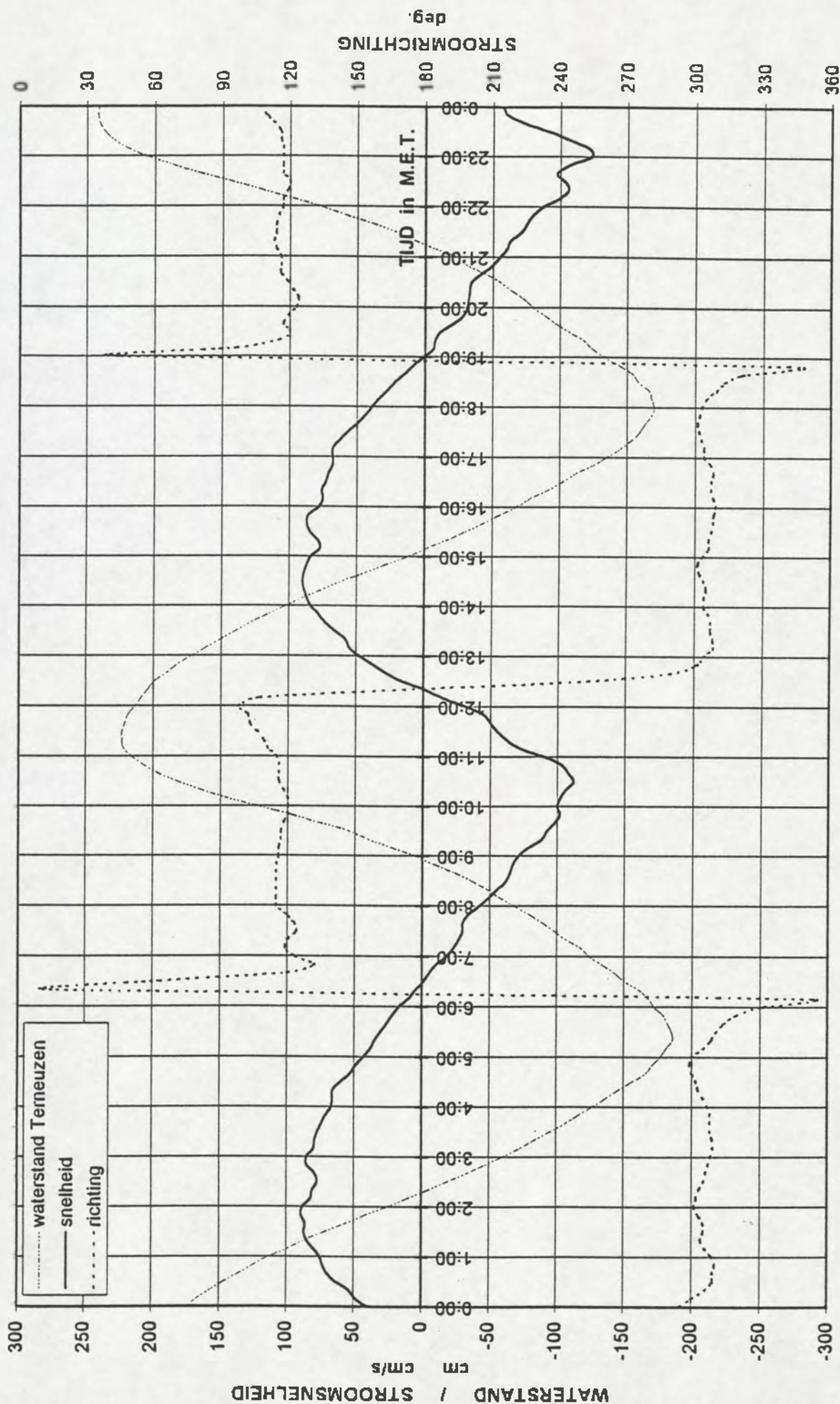
Debietraai 7 meetpunt OSM 1

7 augustus 1999



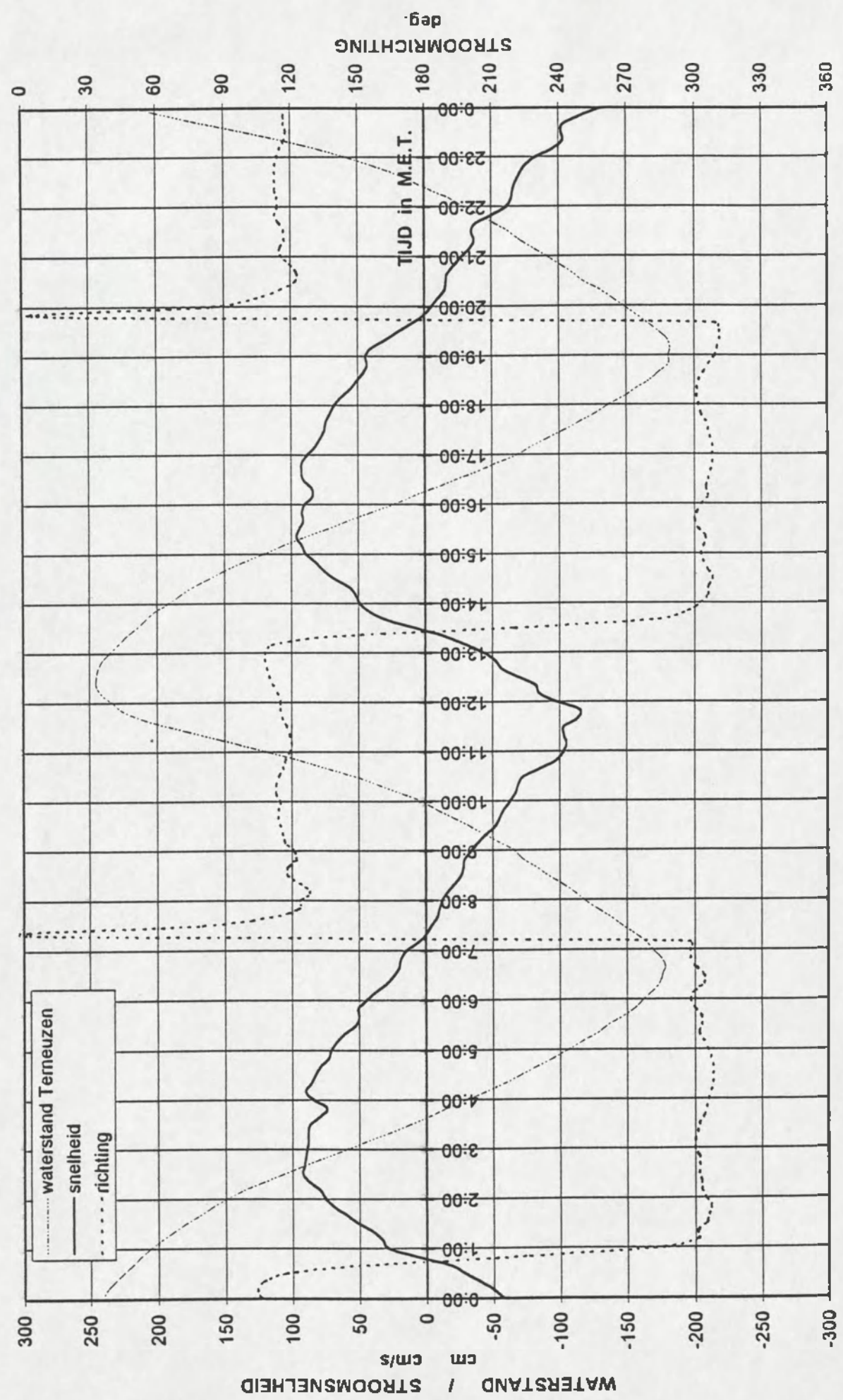
Debietraai 7 meetpunt OSM 1

8 augustus 1999

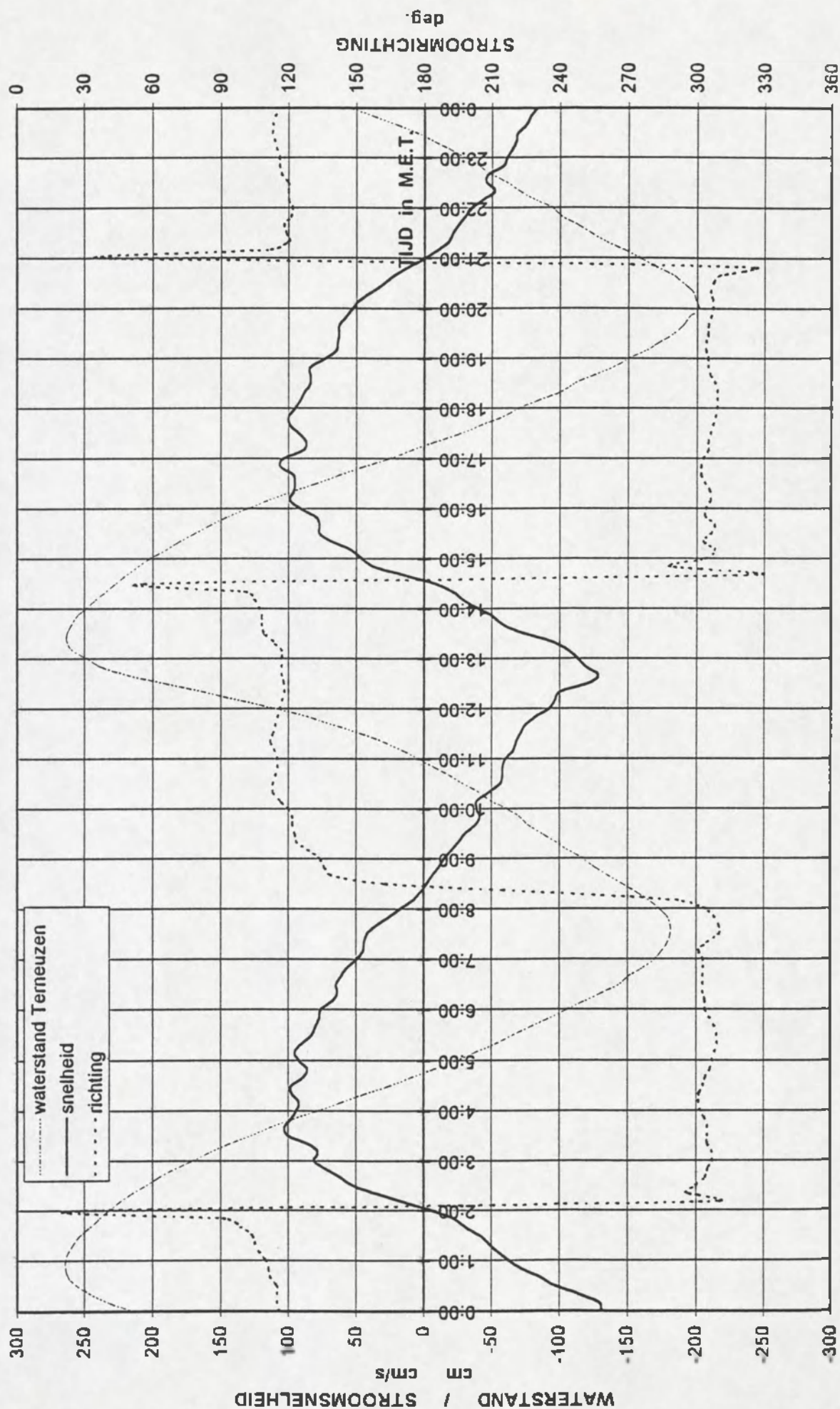


Debietraai 7 meetpunt OSM 1

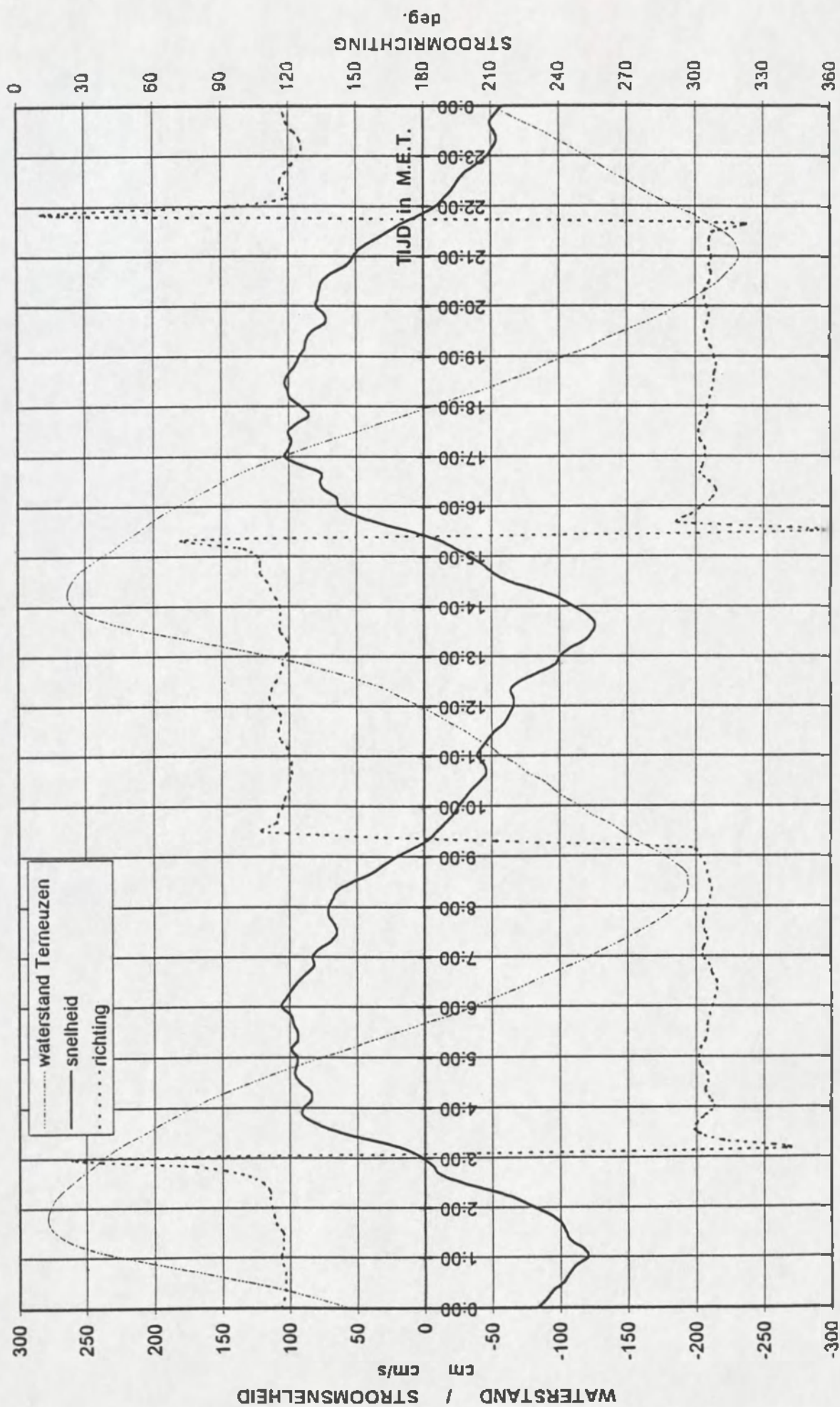
9 augustus 1999



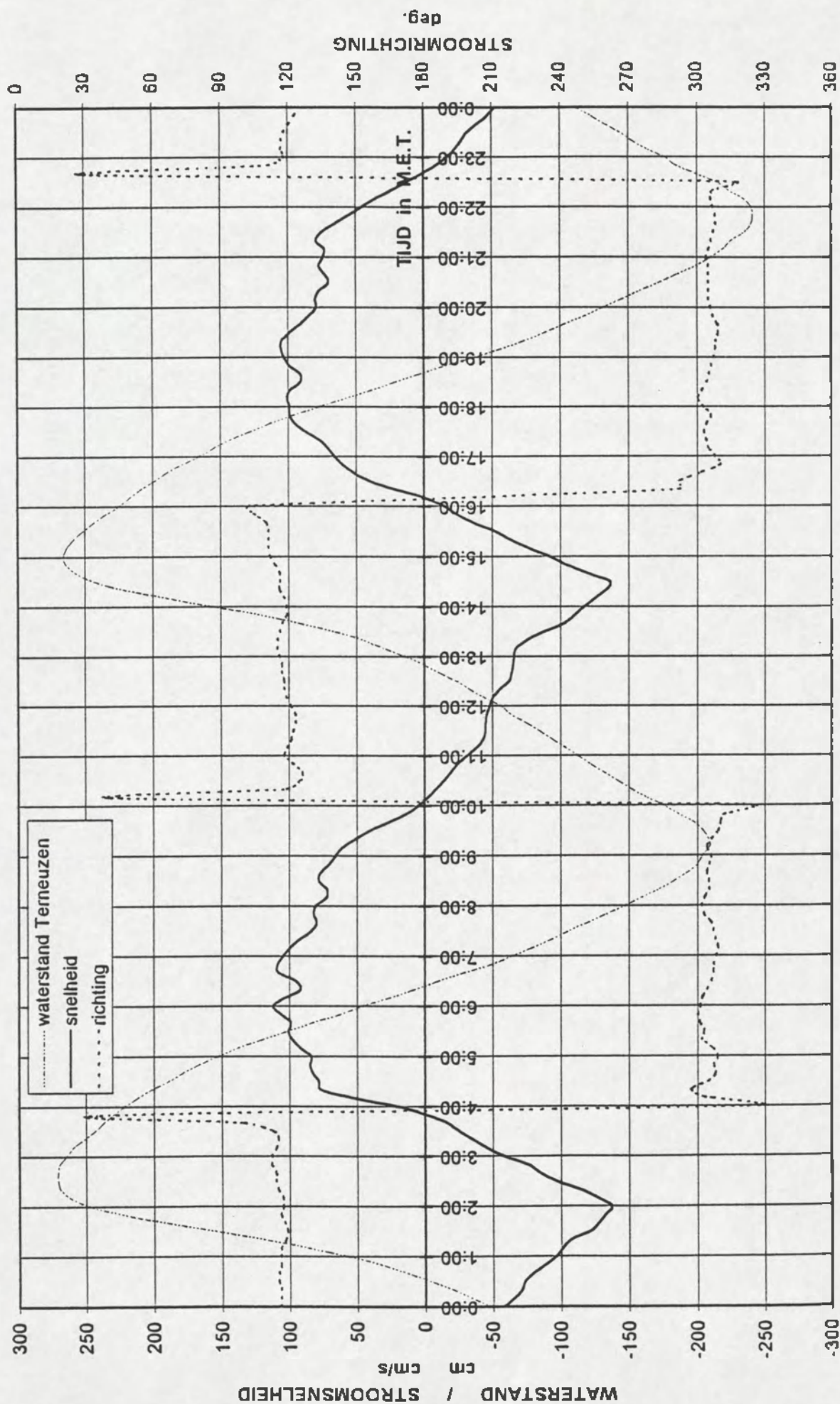
Debietraai 7 meetpunt QSM 1
10 augustus 1999



Debietraai 7 meetpunt OSM 1
11 augustus 1999

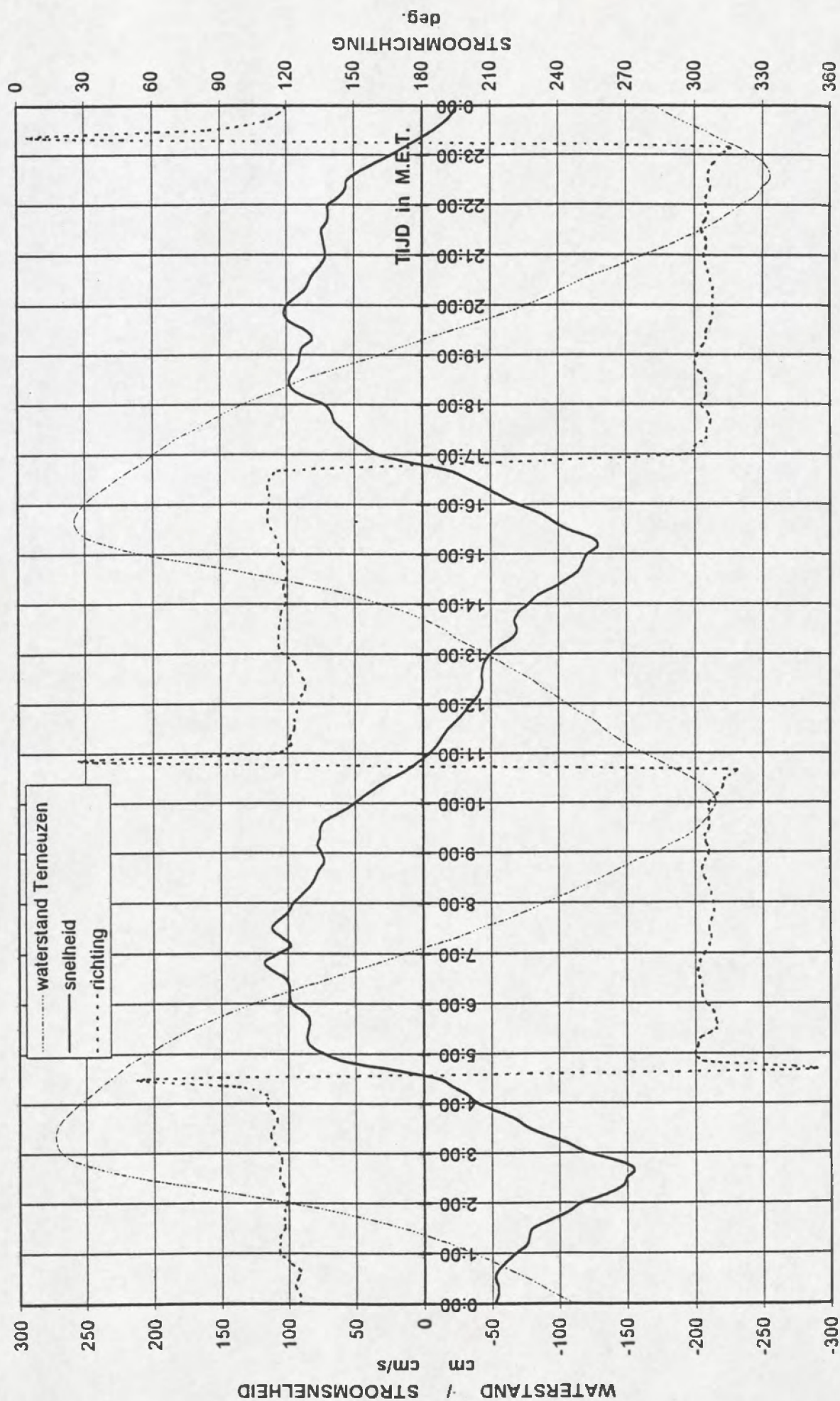


Debietraai 7 meetpunt QSM 1
12 augustus 1999



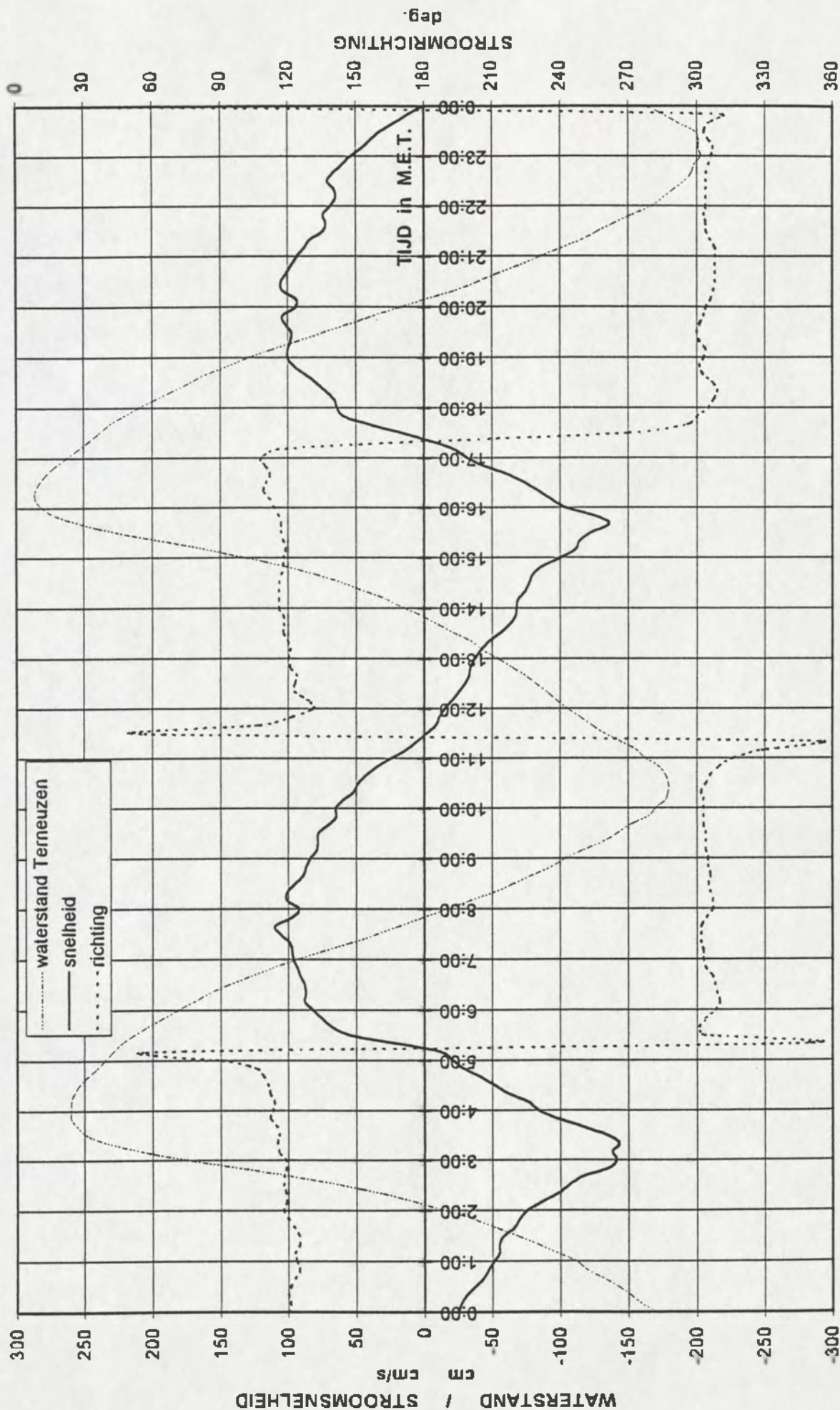
Debietraai 7 meetpunt OSM 1

13 augustus 1999



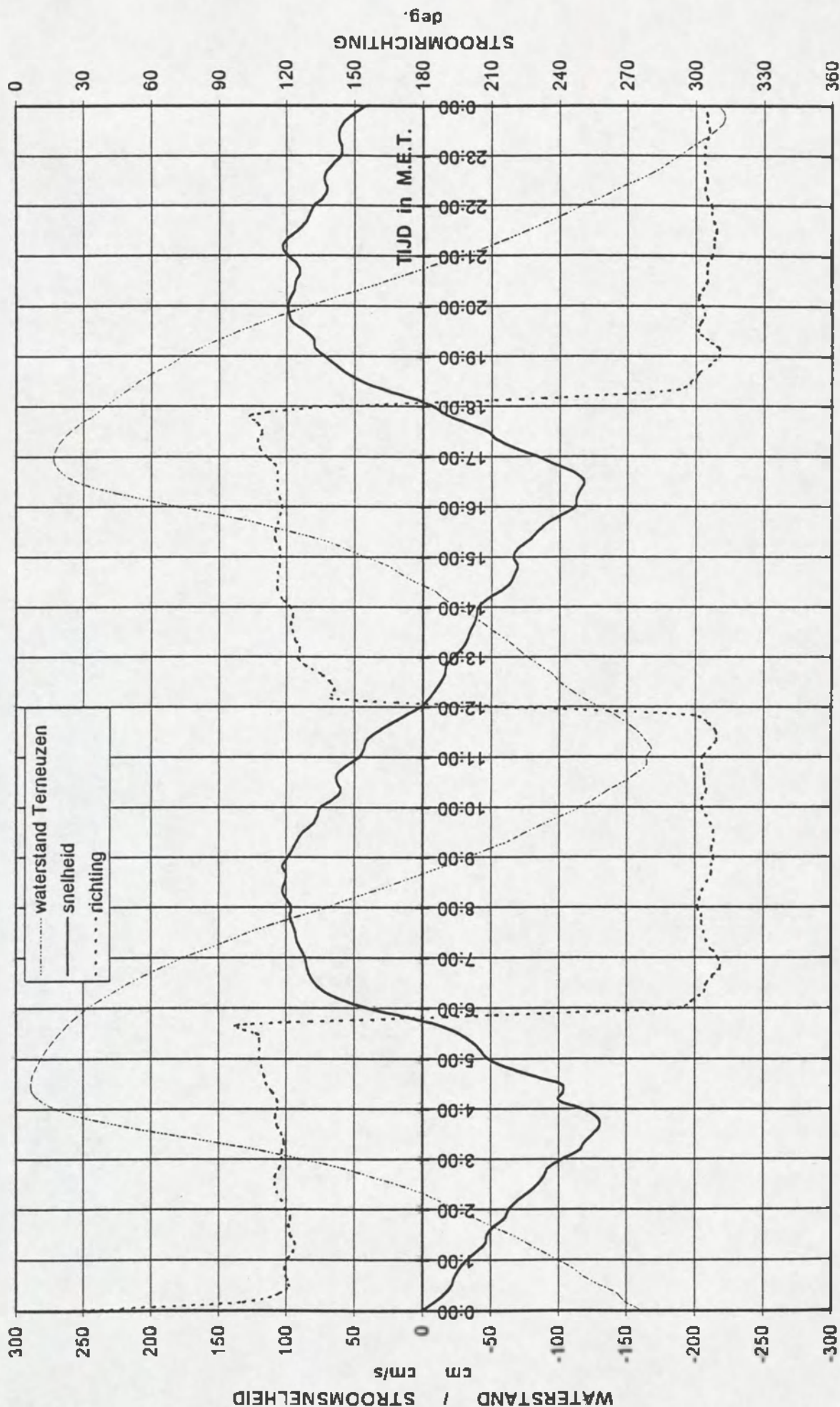
Debietraal 7 meetpunt OSM 1

14 augustus 1999

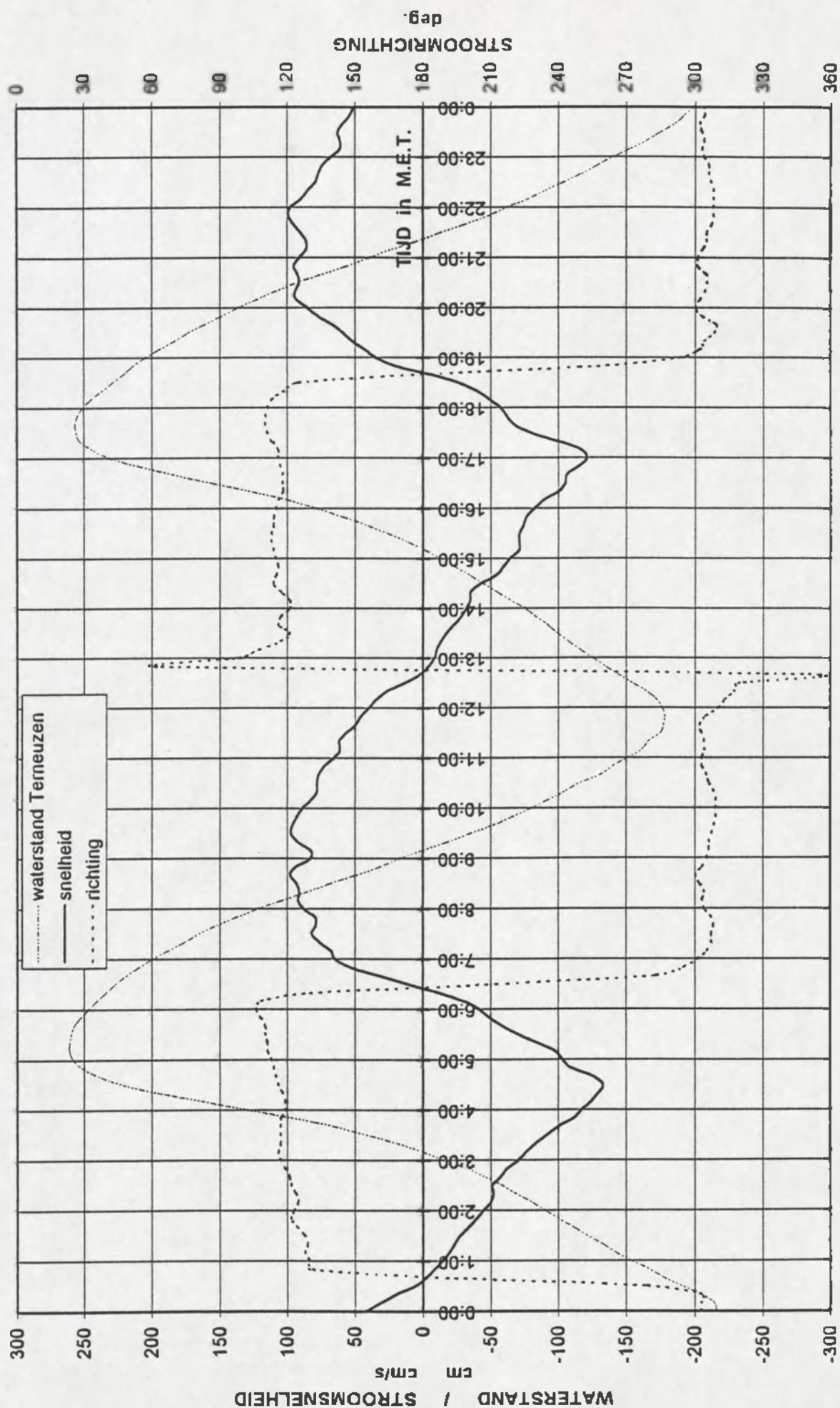


Debietraai 7 meetpunt OSM 1

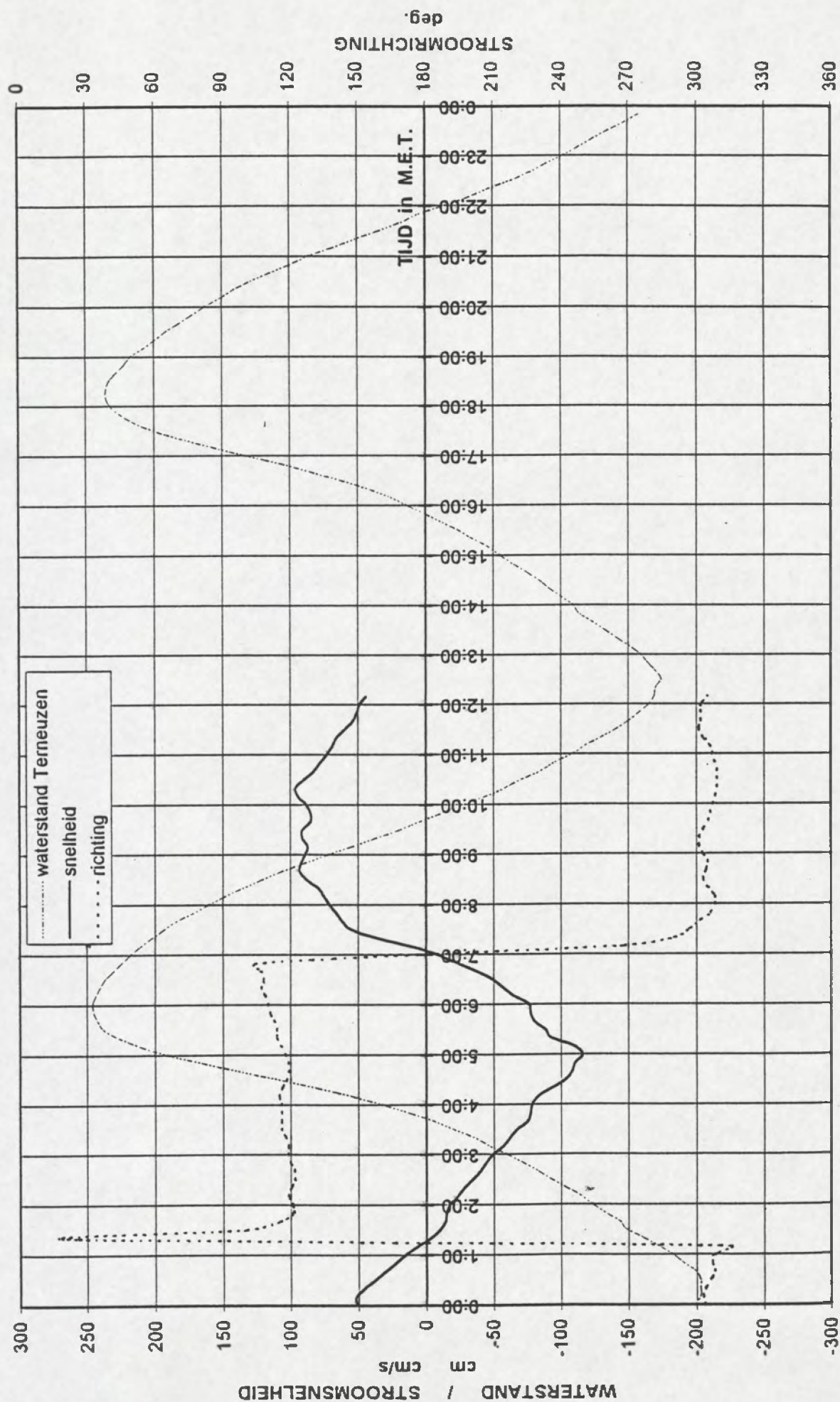
15 augustus 1999



Debietraai 7 meetpunt OSM 1
16 augustus 1999



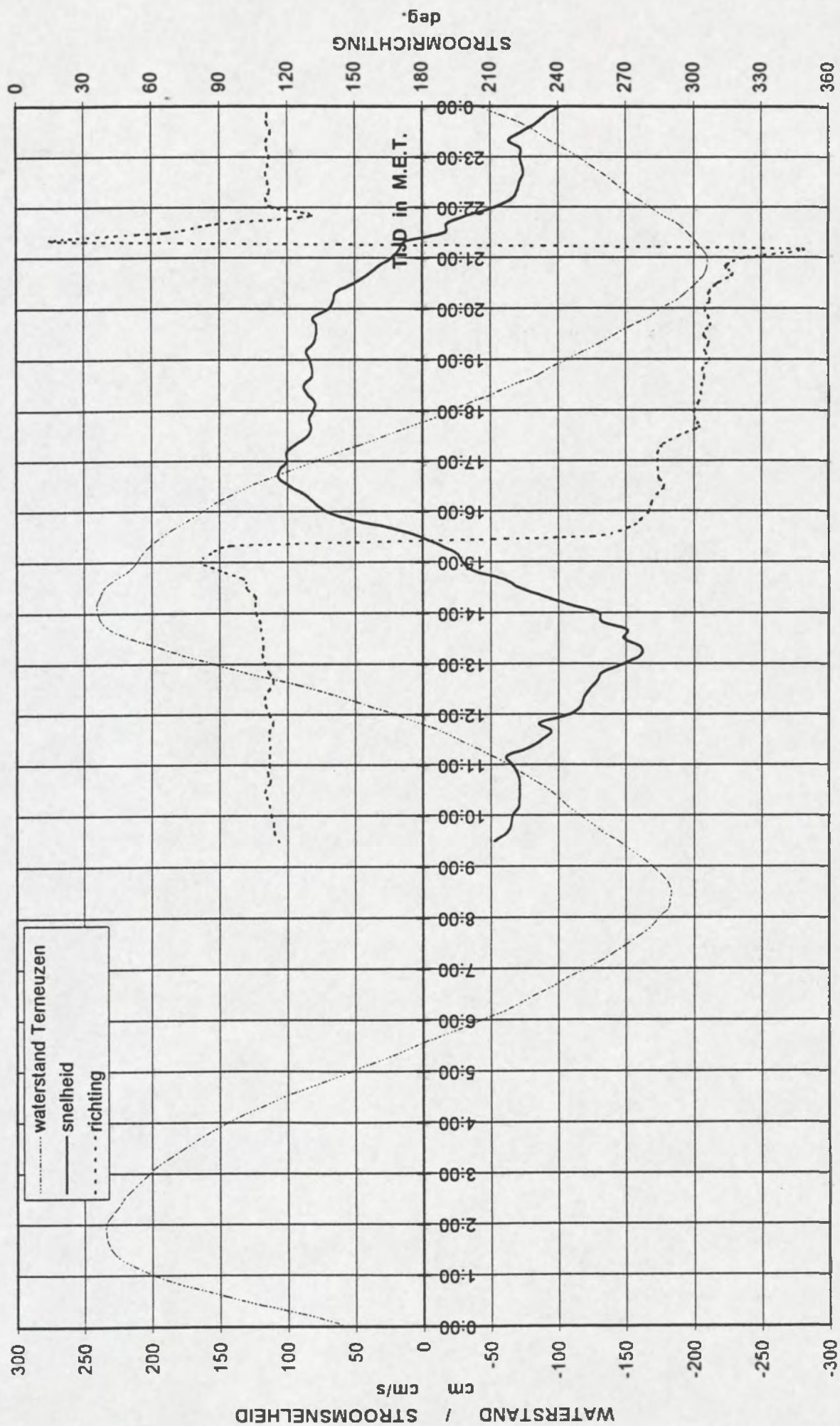
Debietraai 7 meetpunt OSM 1
17 augustus 1999



18. Resultaten OSM 2

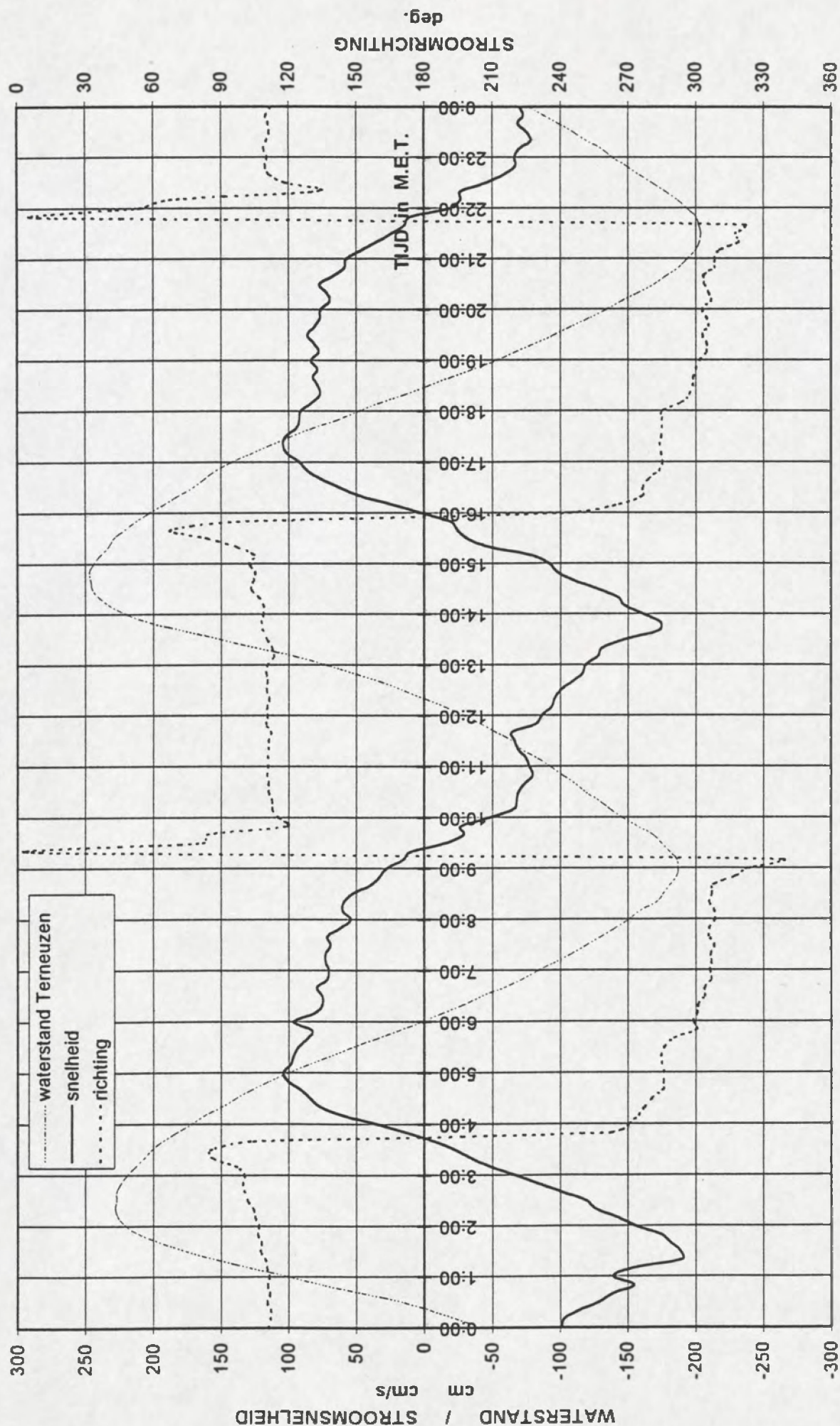
Debietraai 7 meetpunt OSM 2

28 juni 1999



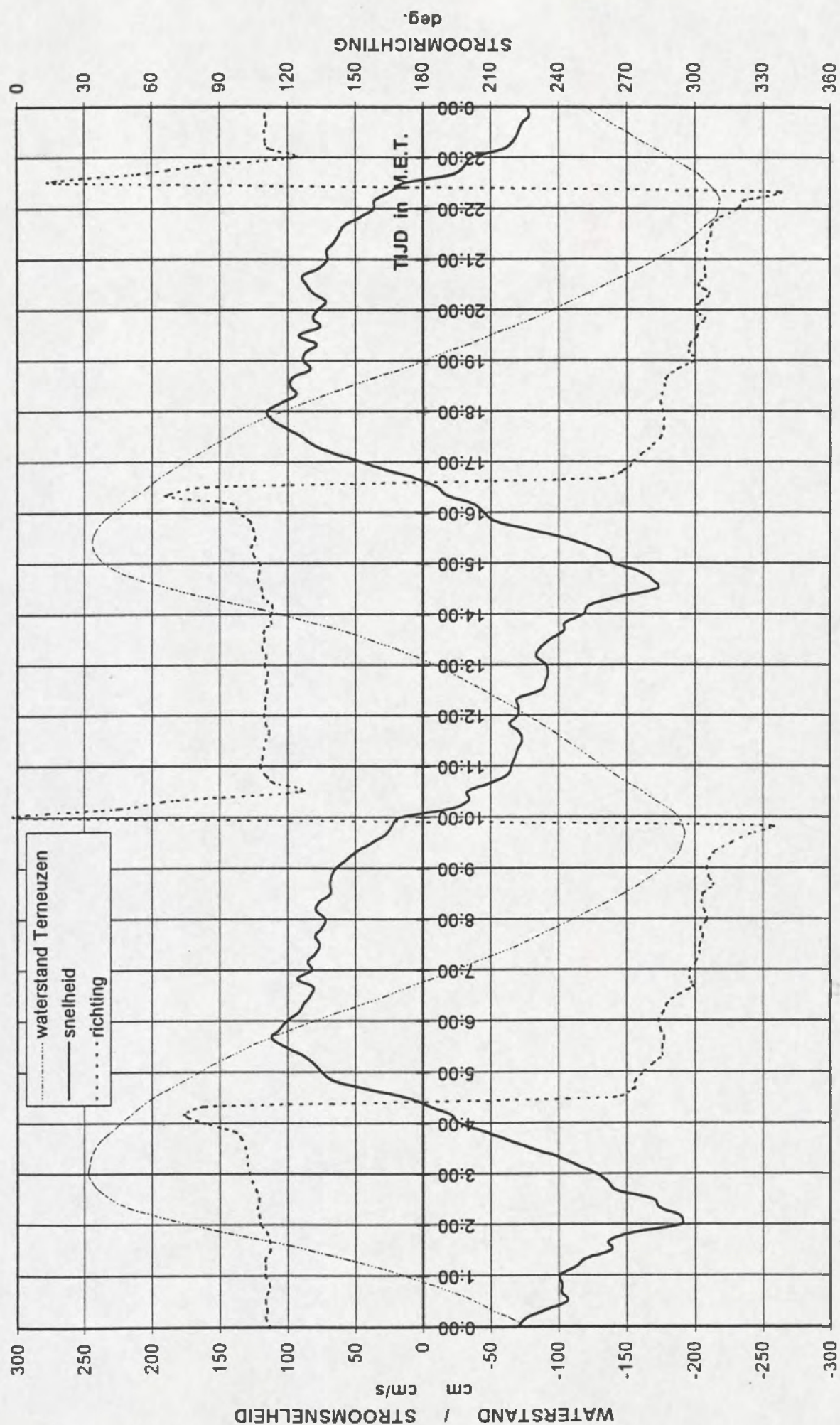
Debietraai 7 meetpunt OSM 2

29 juni 1999



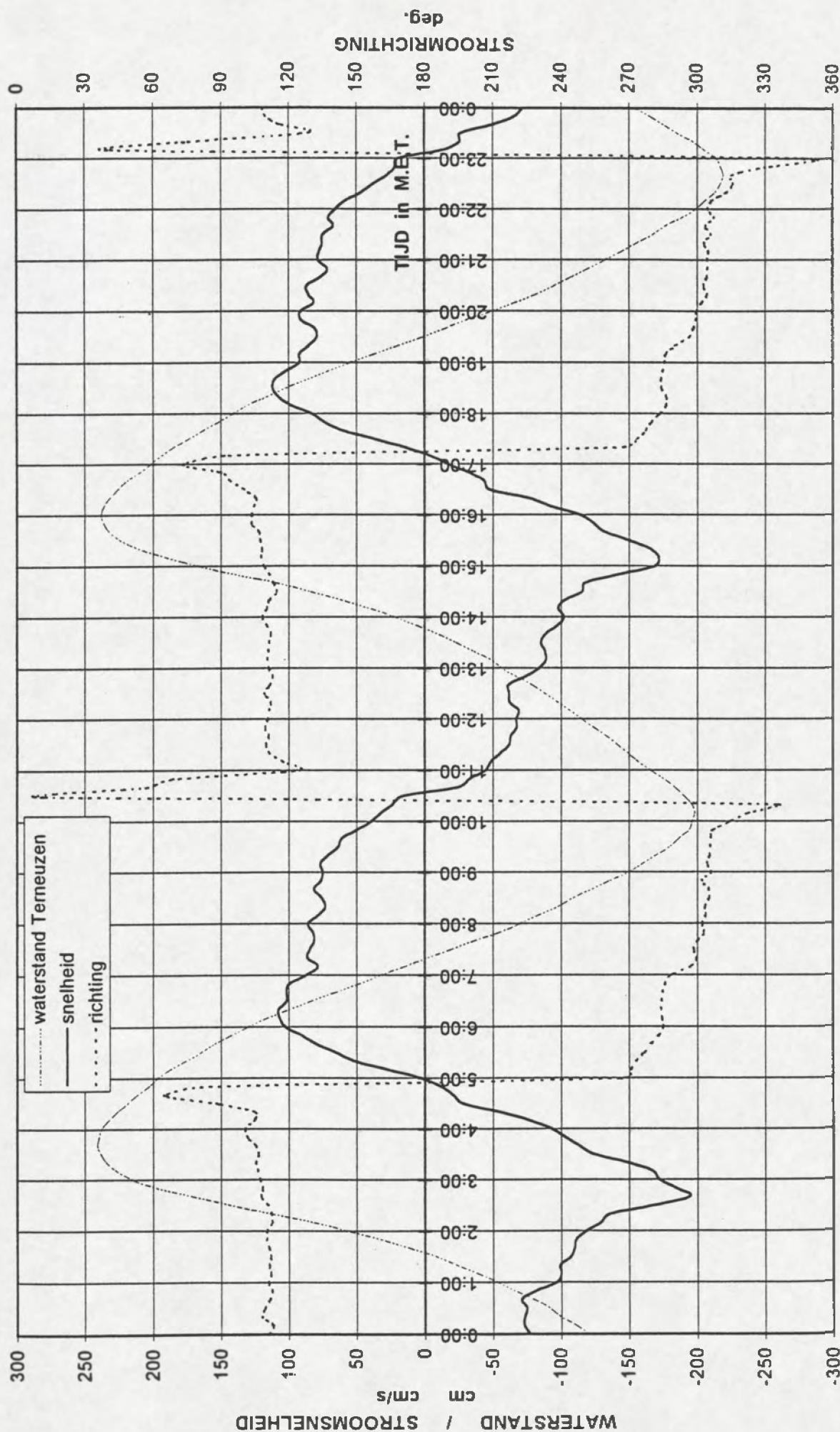
Debietraai 7 meetpunt OSM 2

30 juni 1999



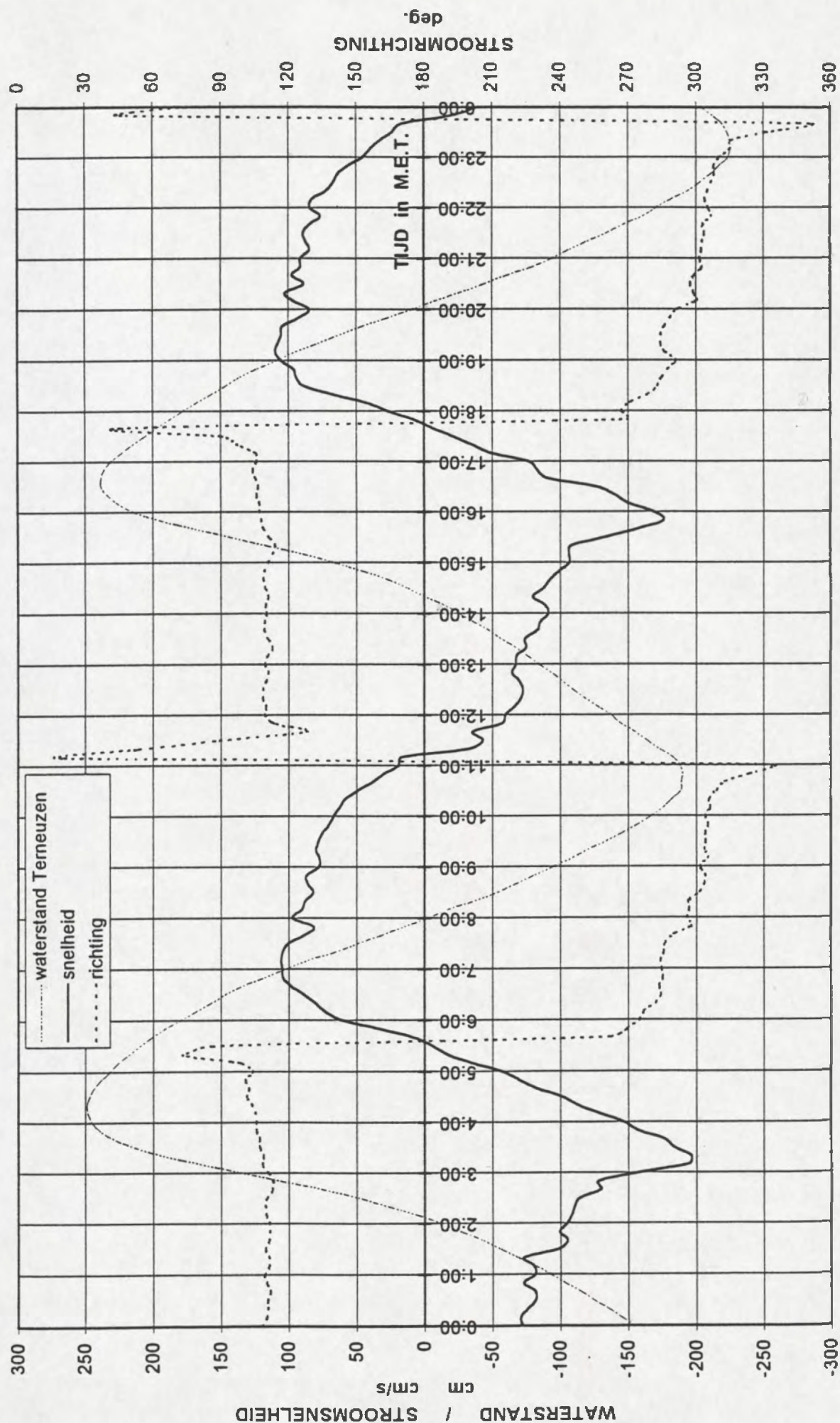
Debietraai 7 meetpunt OSM 2

1 juli 1999



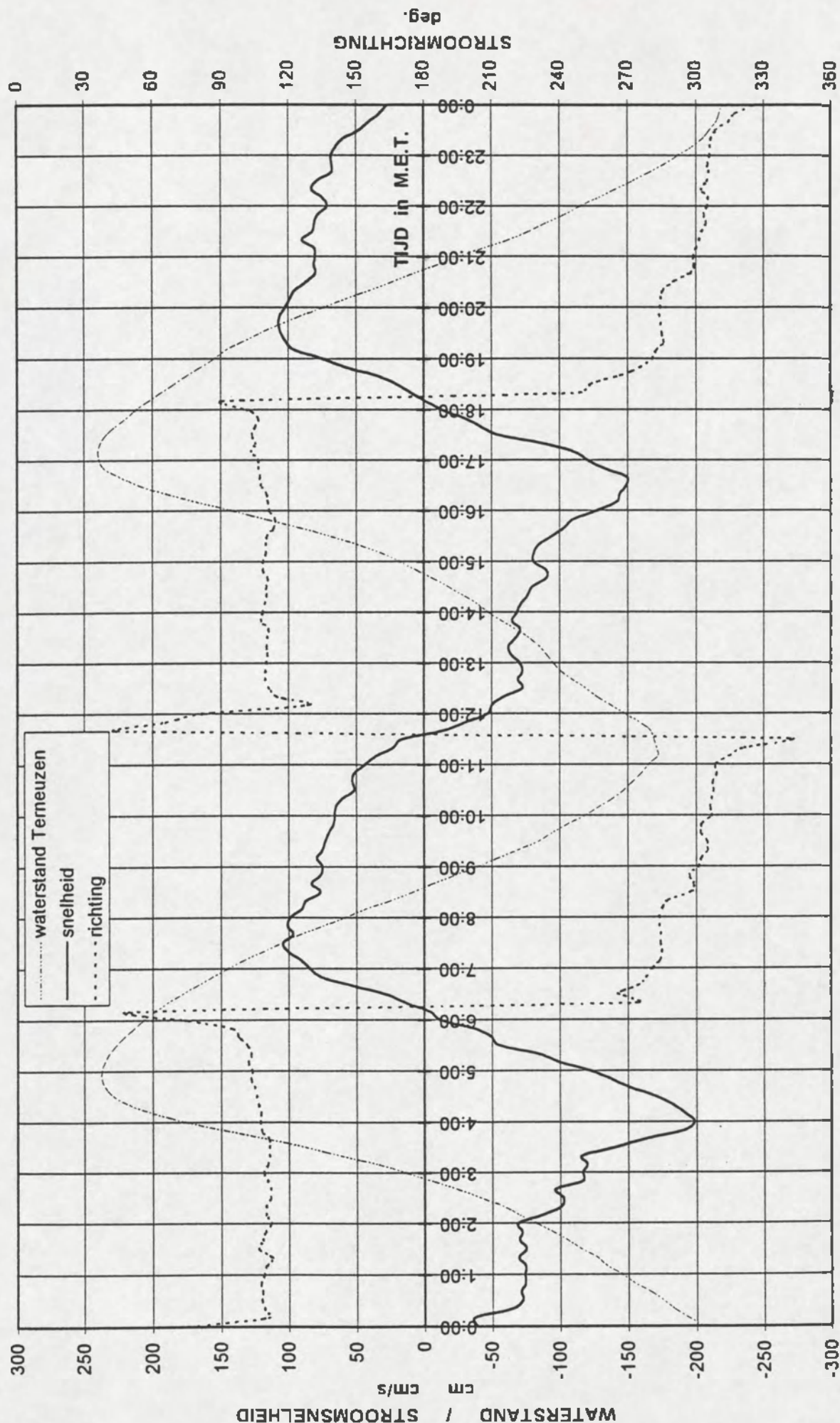
Debietraai 7 meetpunt OSM 2

2 juli 1999



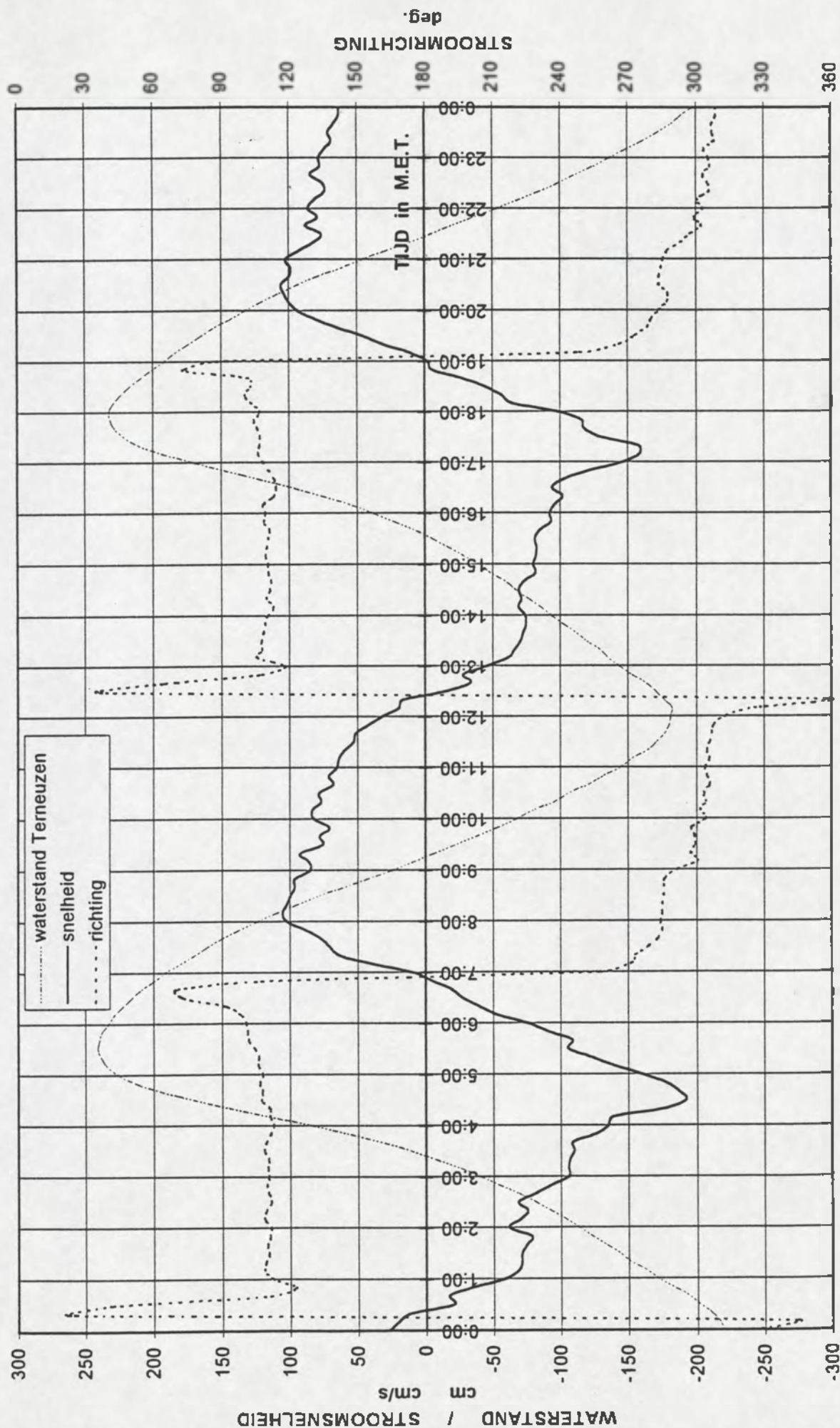
Debietraai 7 meetpunt OSM 2

3 juli 1999



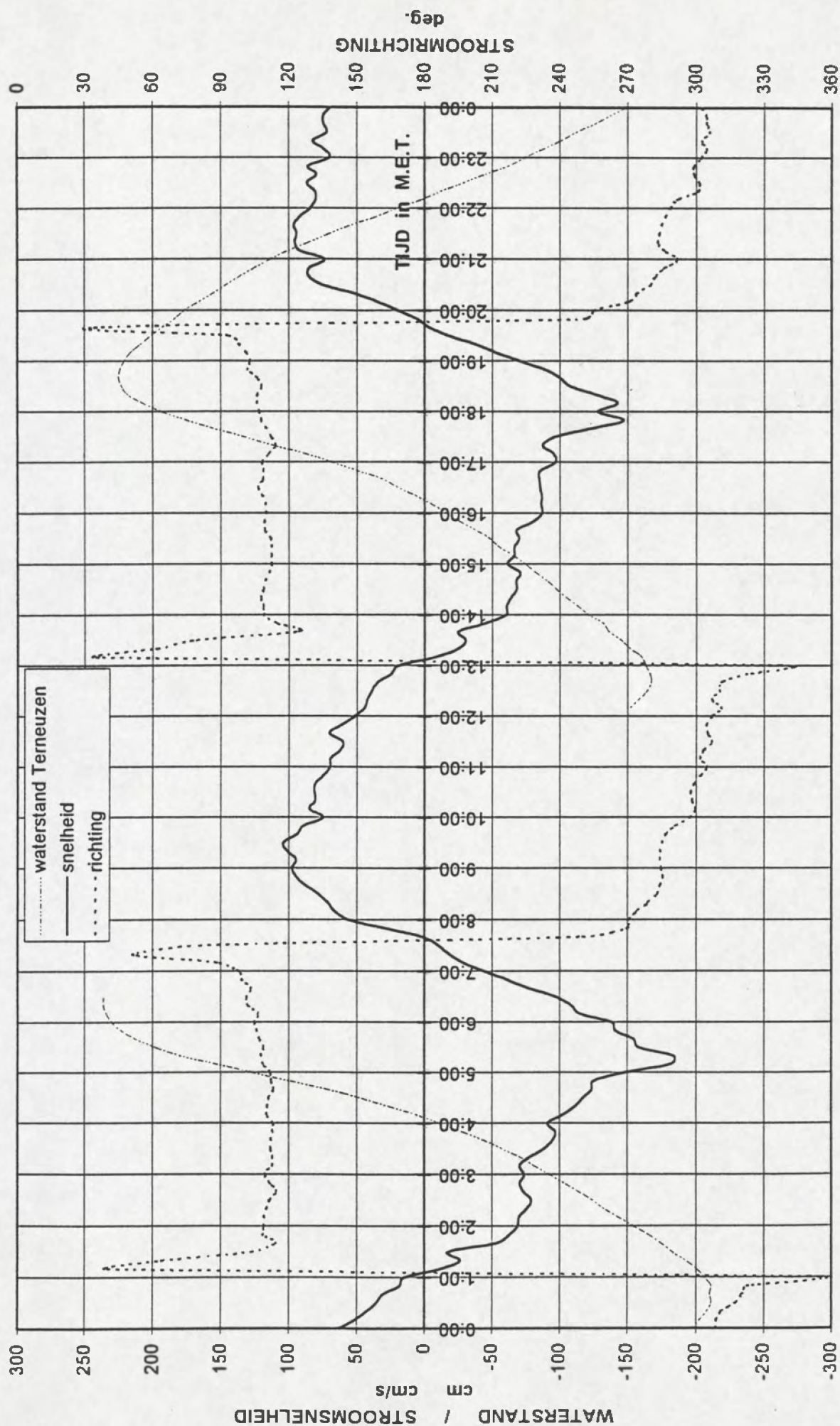
Debietraai 7 meetpunt OSM 2

4 juli 1999



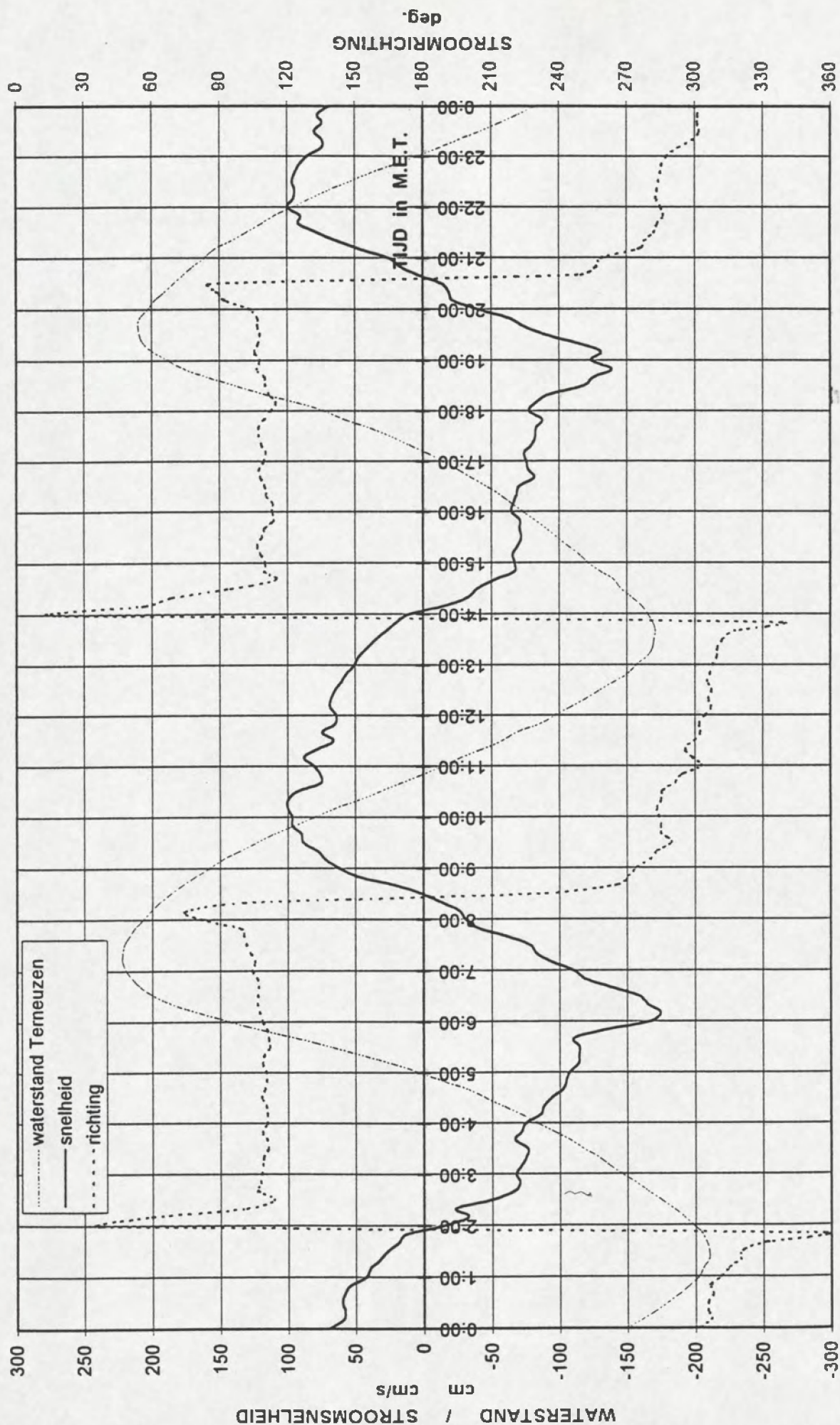
Debietraai 7 meetpunt OSM 2

5 juli 1999



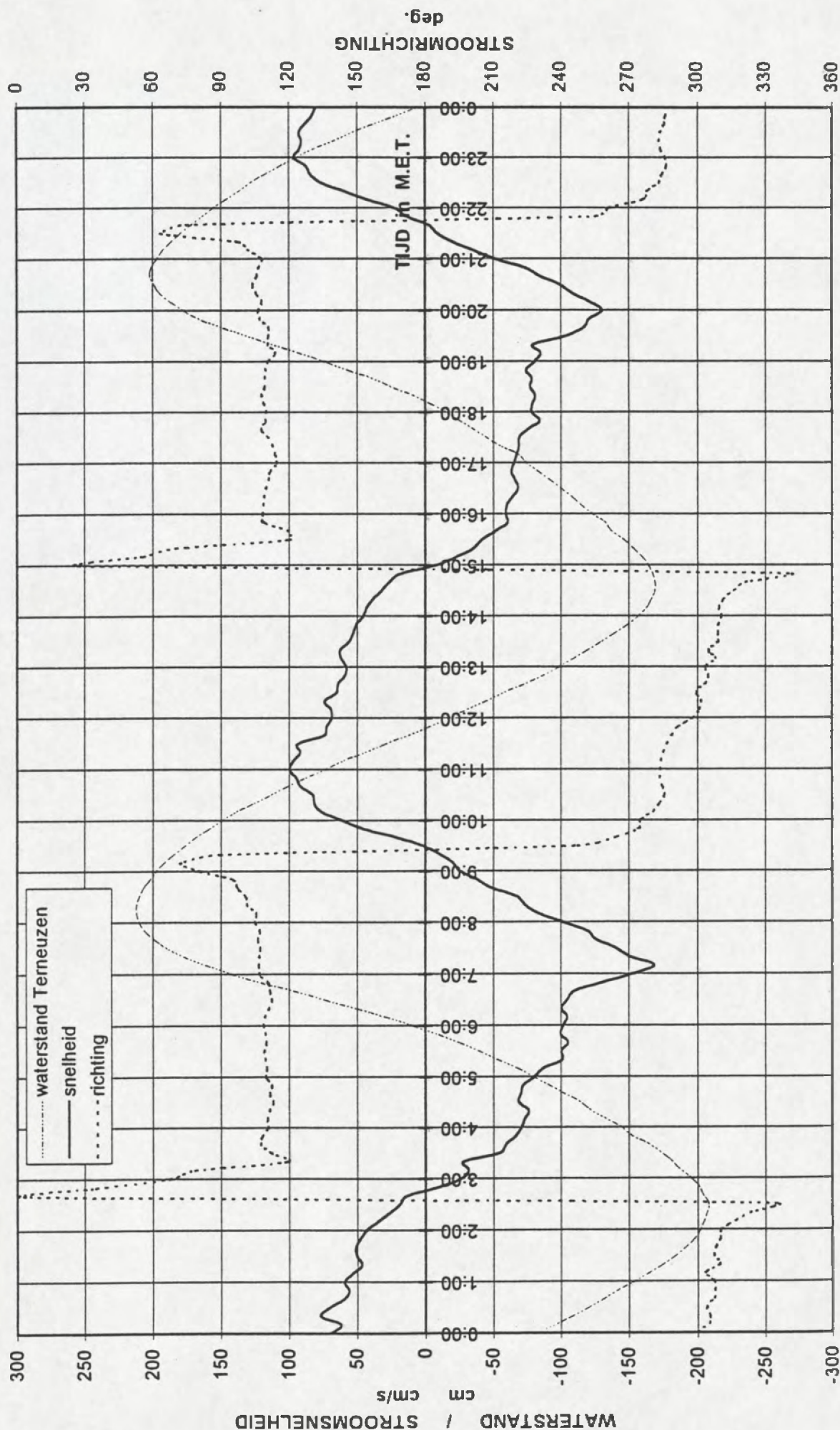
Debietraai 7 meetpunt OSM 2

6 juli 1999

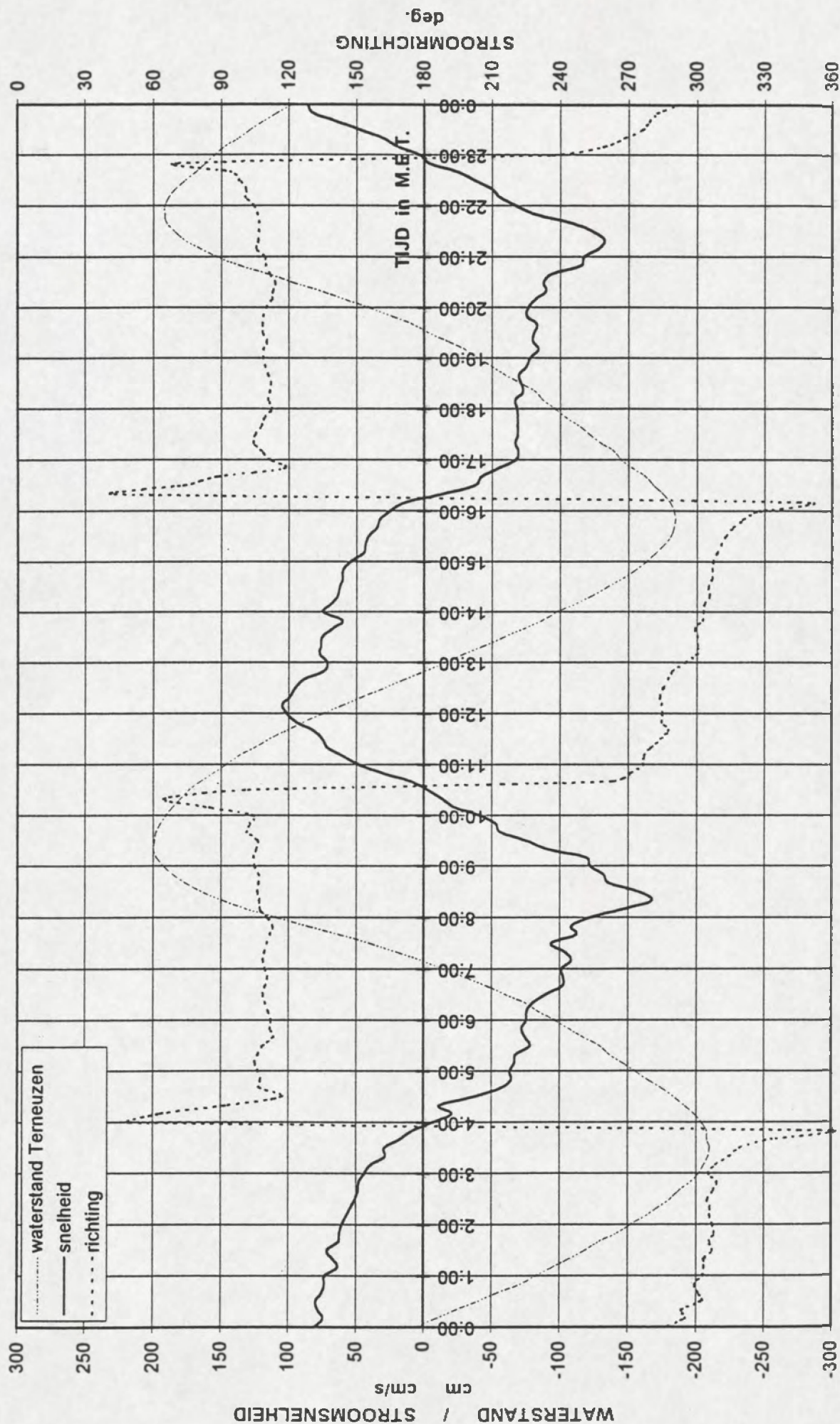


Debietraai 7 meetpunt OSM 2

7 juli 1999

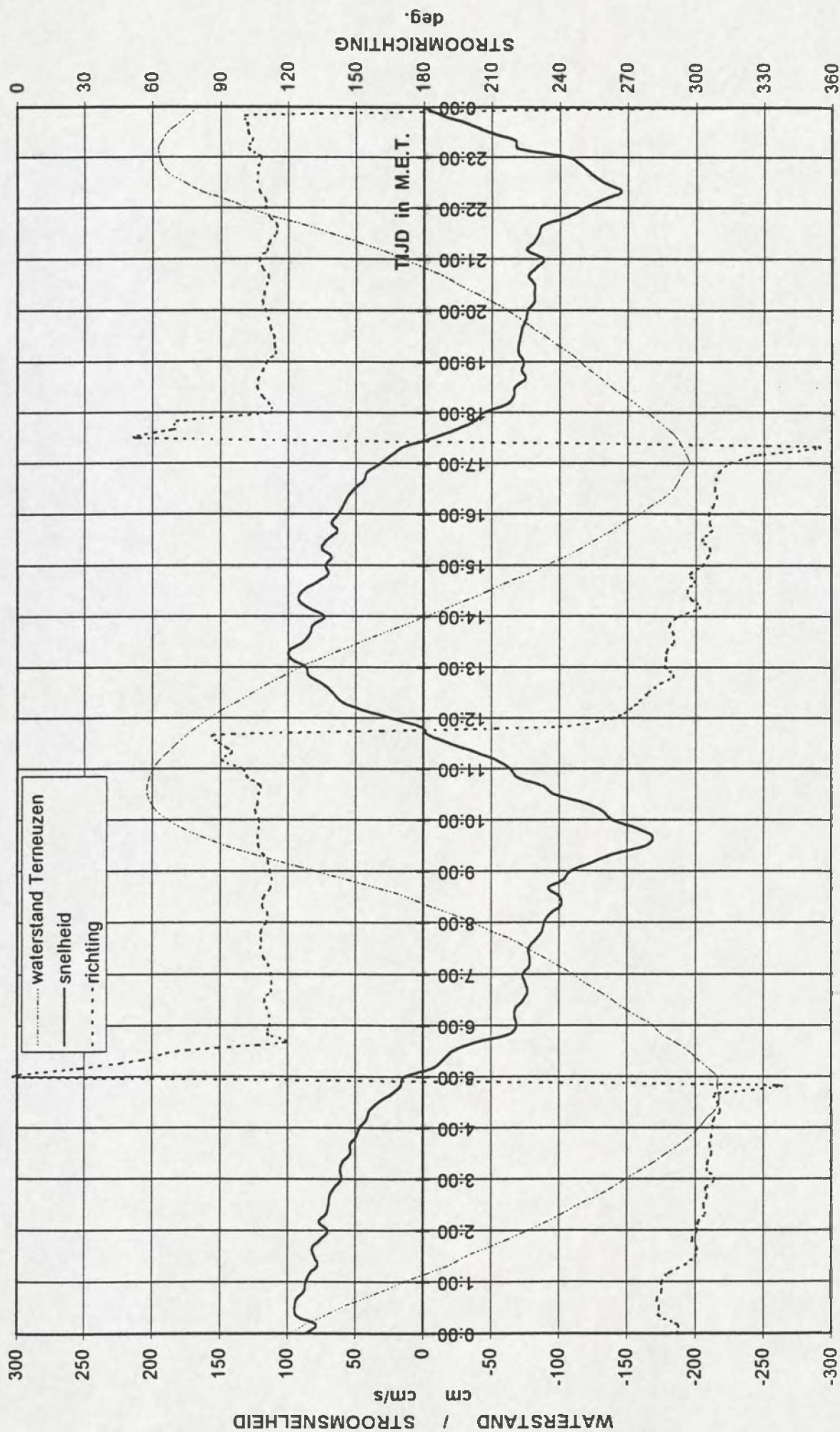


Debietraai 7 meetpunt OSM 2
8 juli 1999



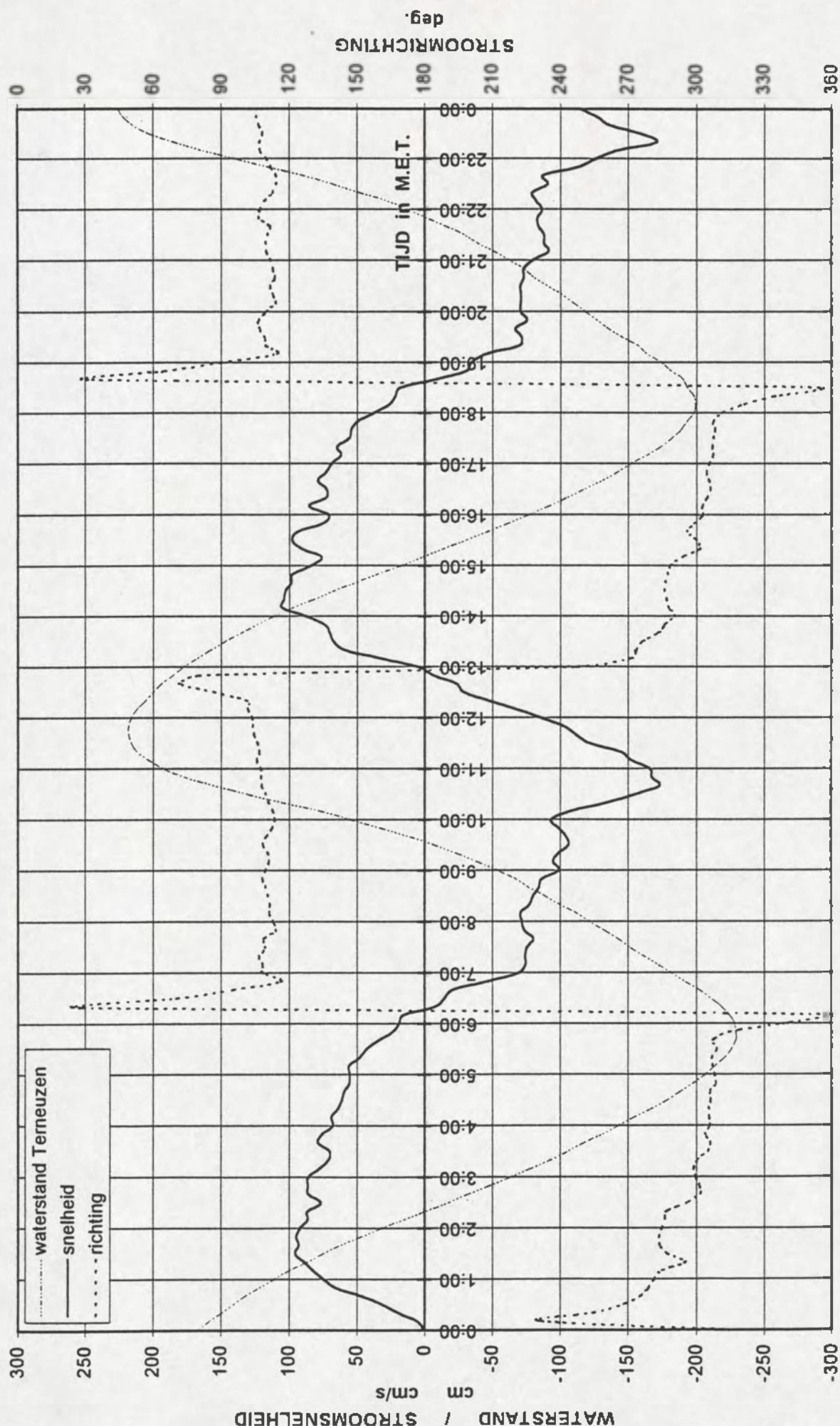
Debietraai 7 meetpunt OSM 2

9 juli 1999



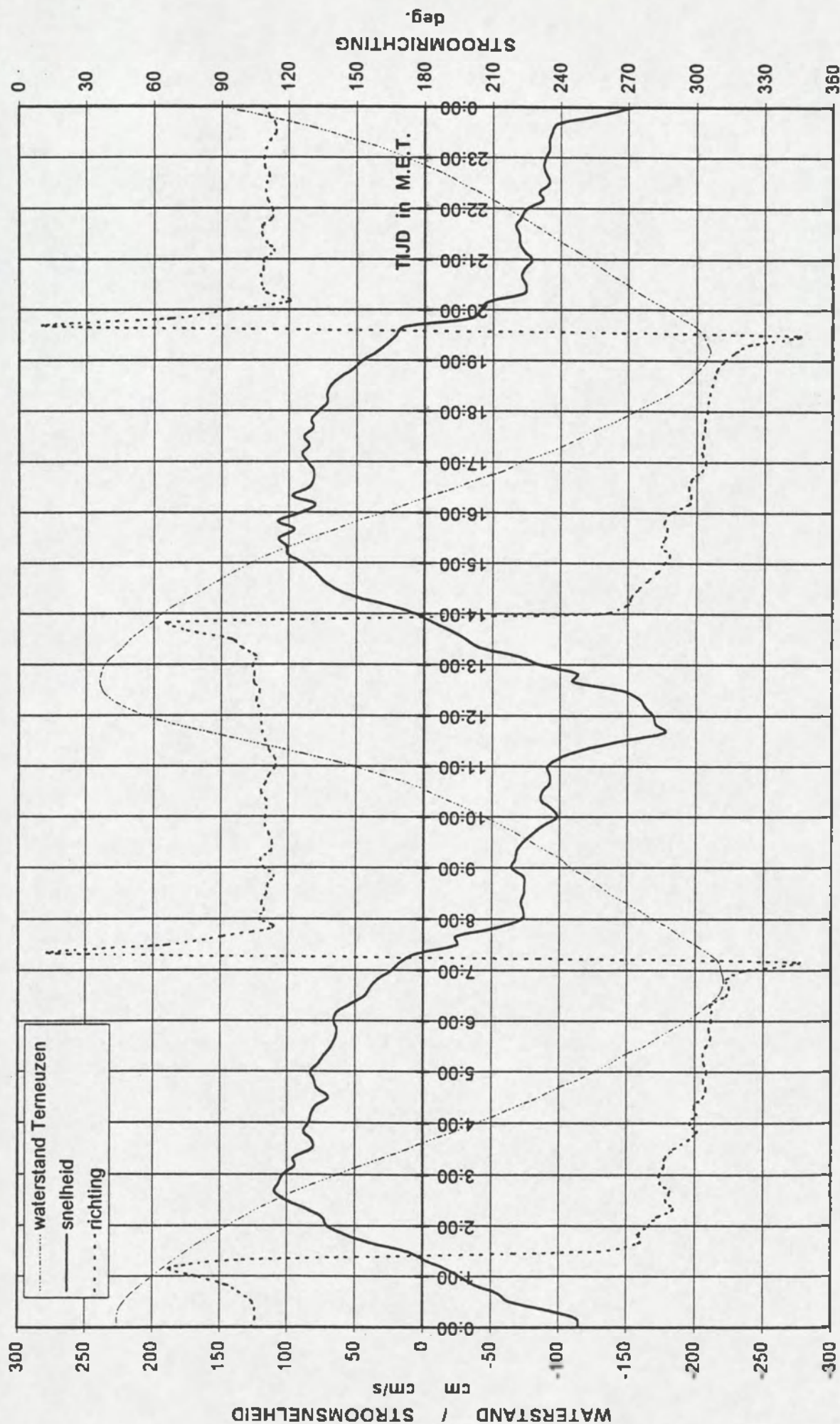
Debietraai 7 meetpunt OSM 2

10 juli 1999



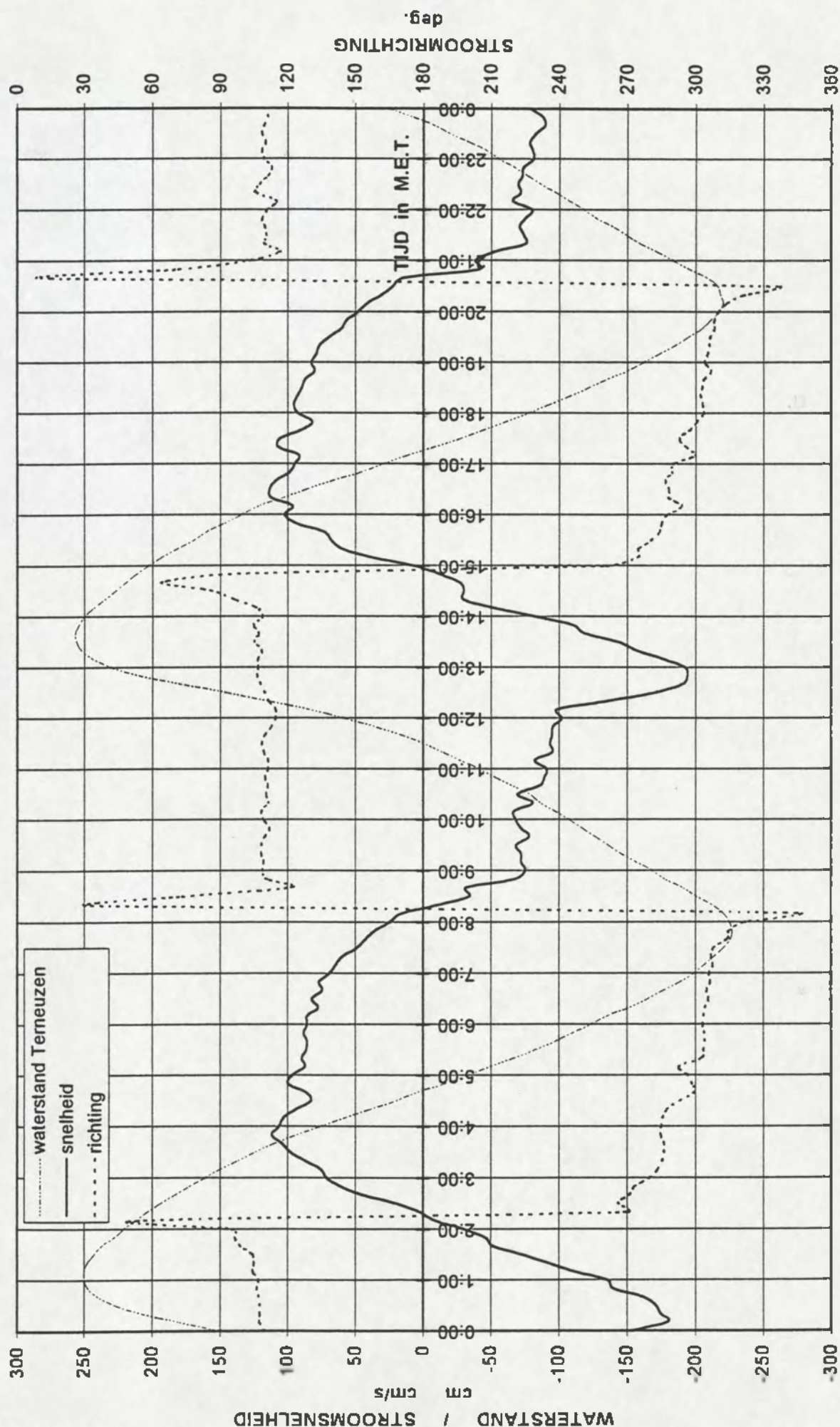
Debietraal 7 meetpunt OSM 2

11 juli 1999



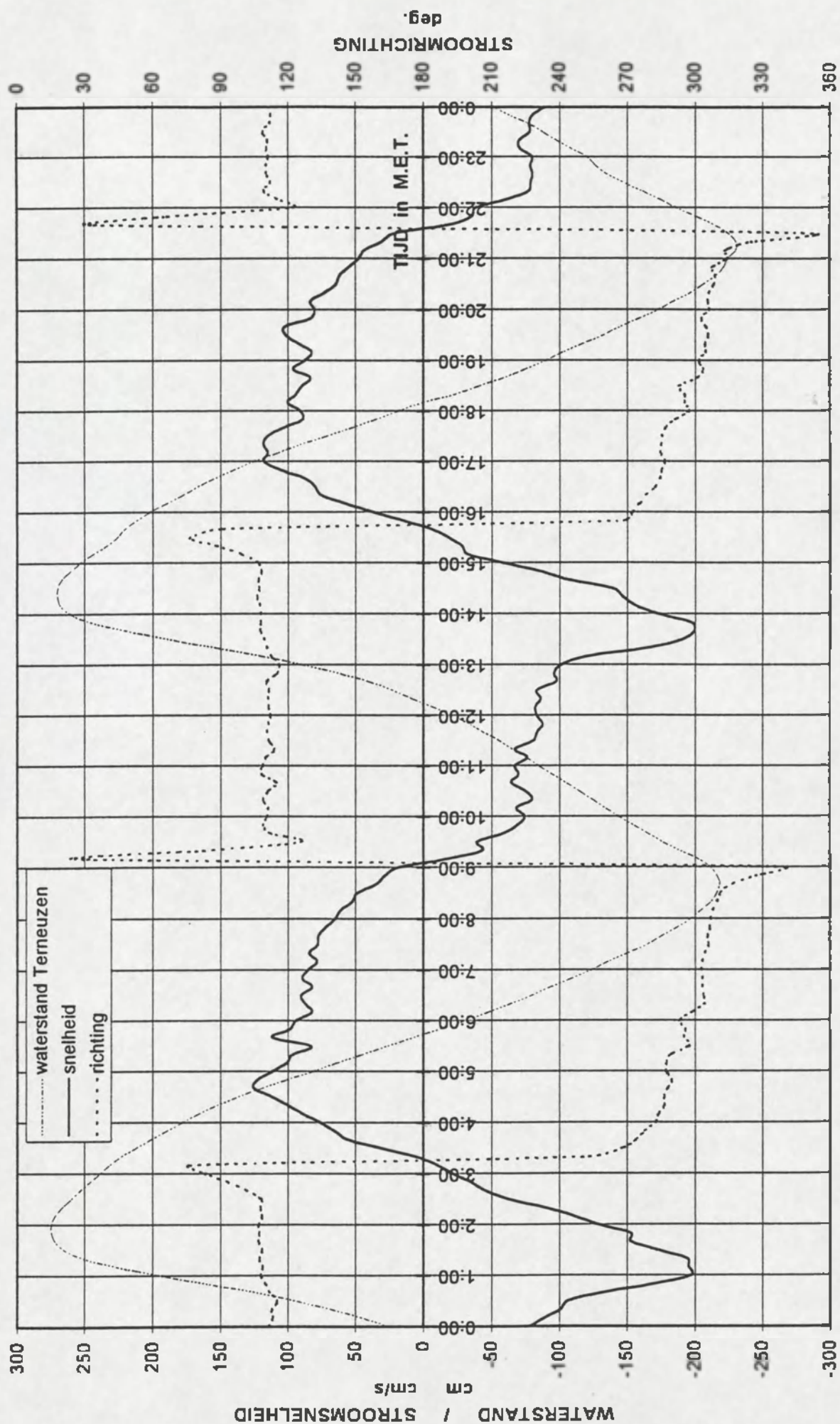
Debietraai 7 meetpunt OSM 2

12 juli 1999



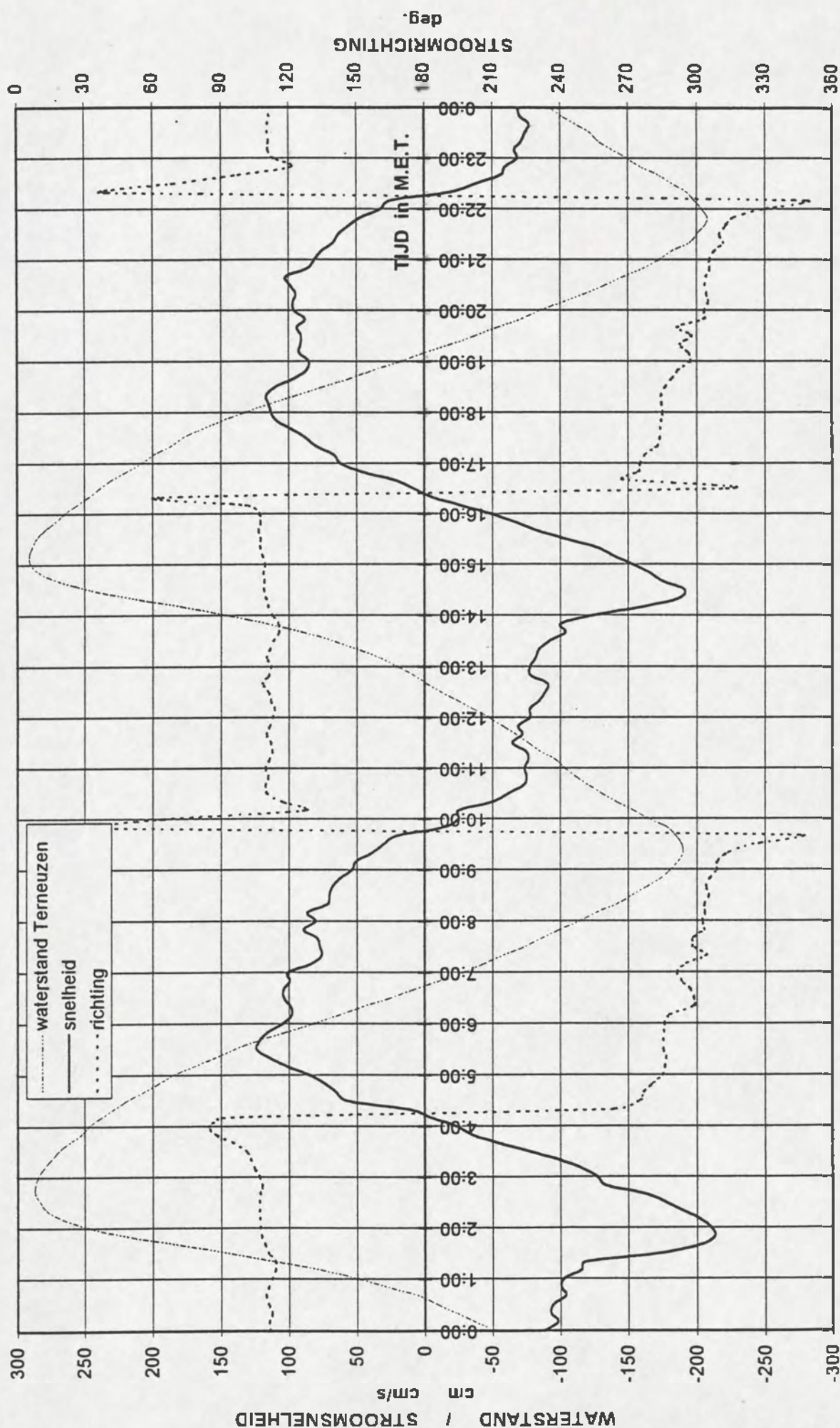
Debietraai 7 meetpunt OSM 2

13 juli 1999



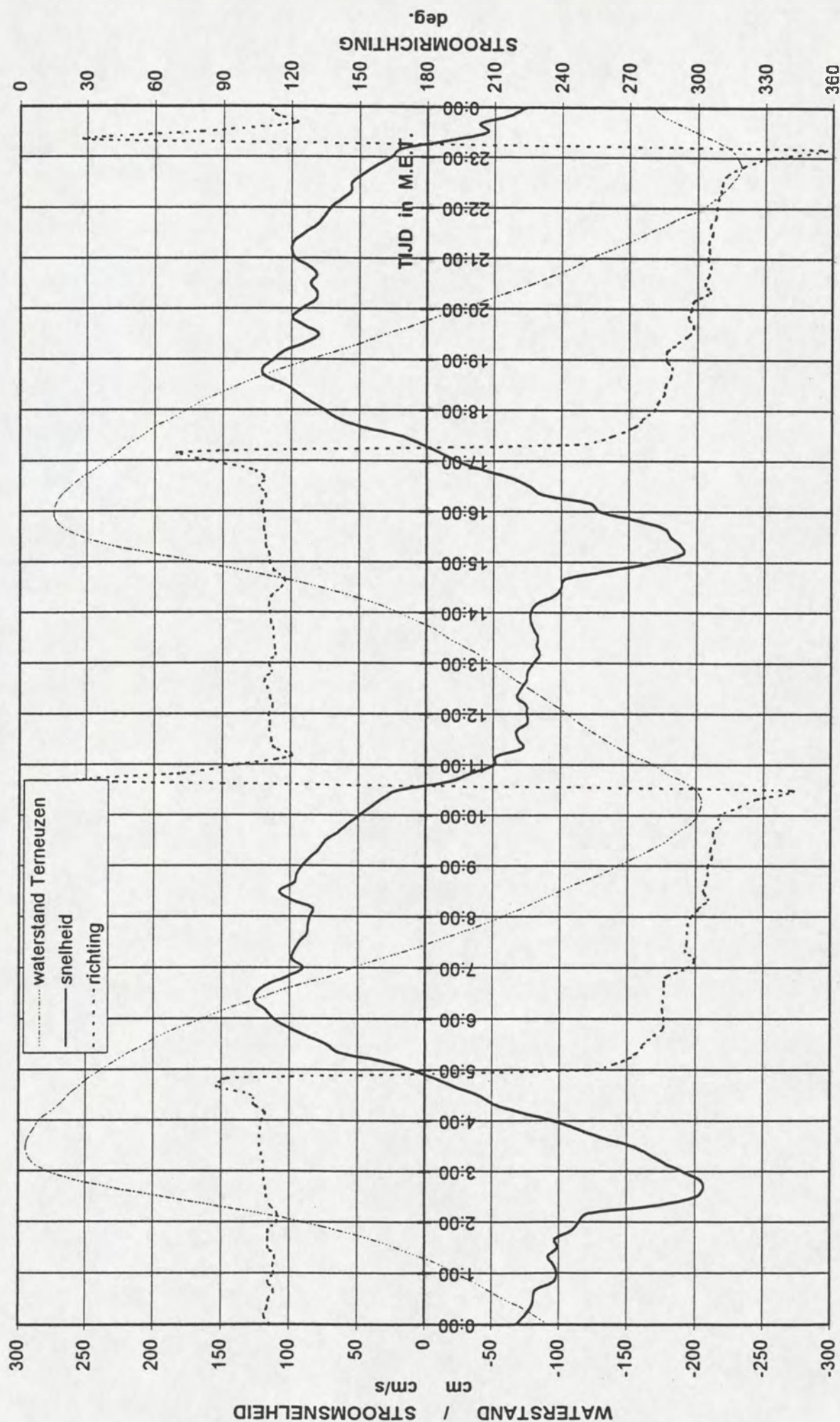
Debietraal 7 meetpunt OSM 2

14 juli 1999



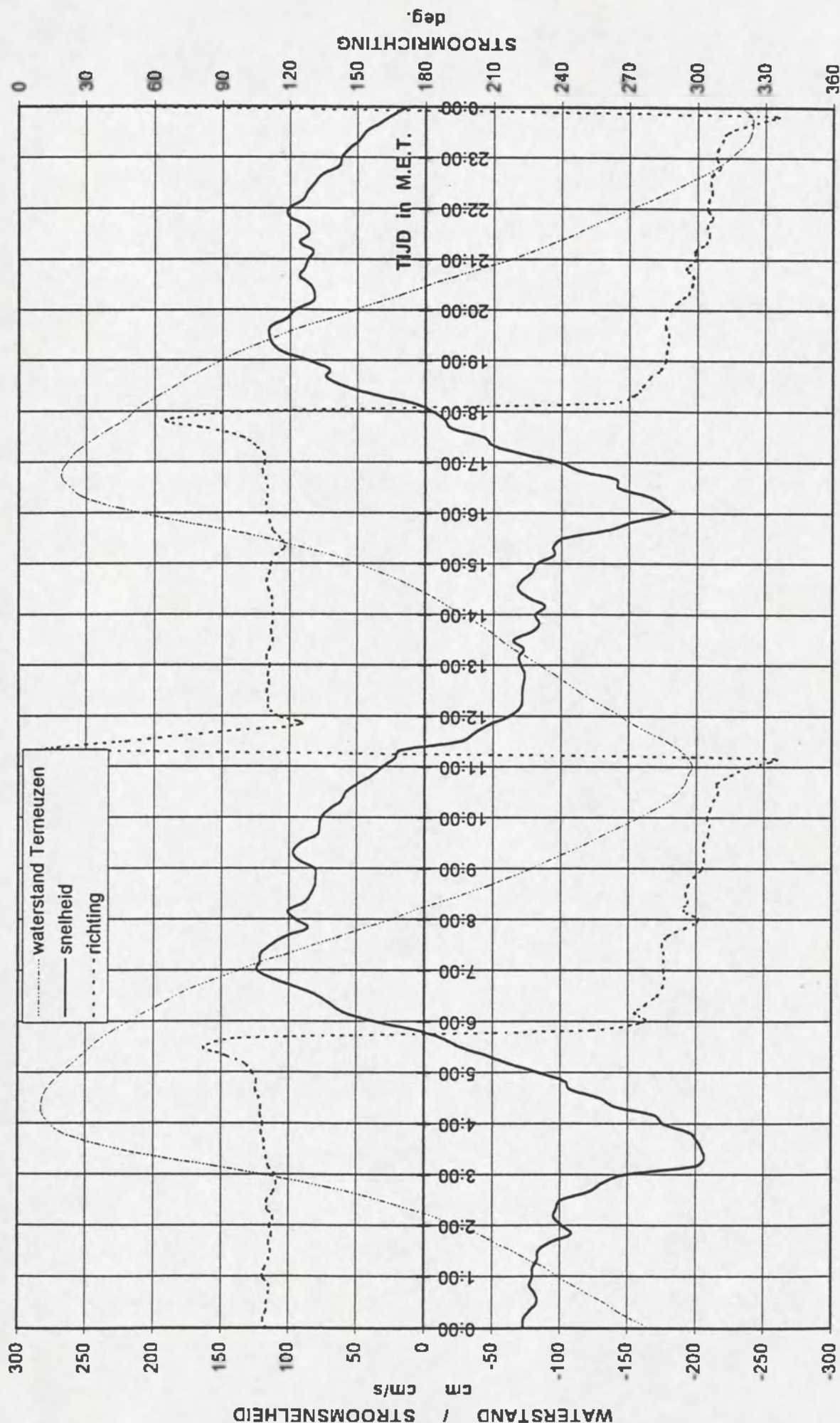
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15 juli 1999

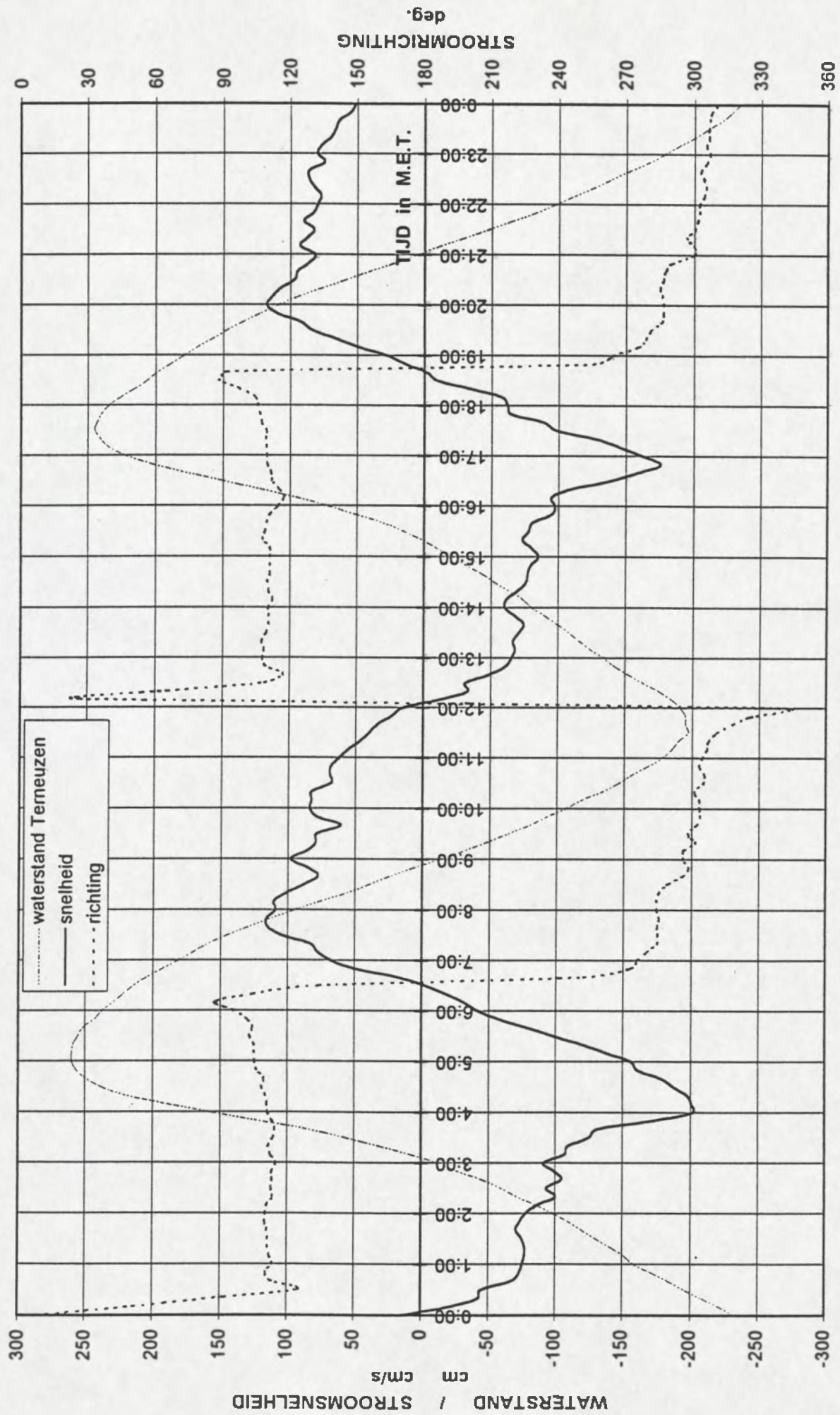


Debietraai 7 meetpunt OSM 2

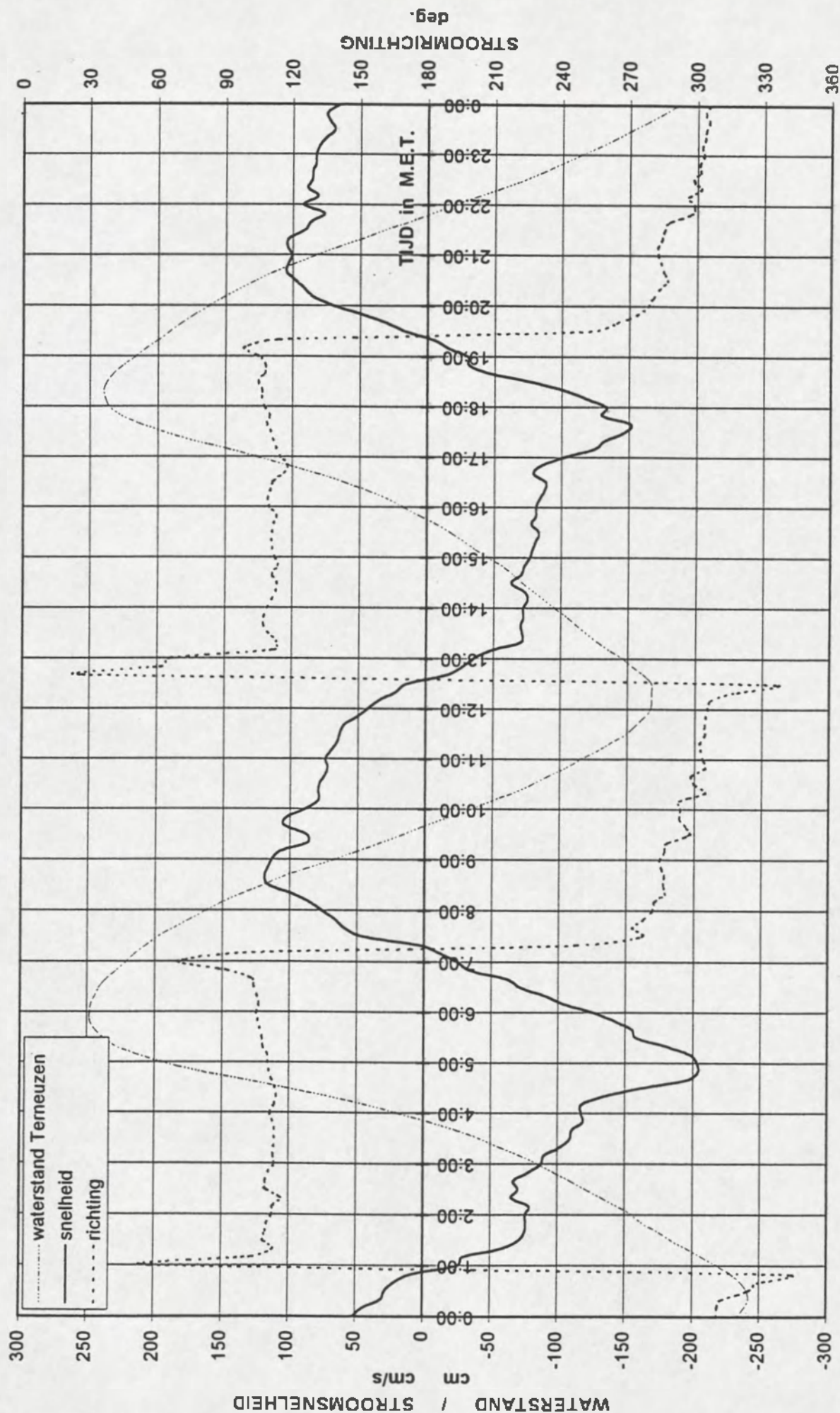
16 juli 1999



Debietraai 7 meetpunt OSM 2
17 juli 1999

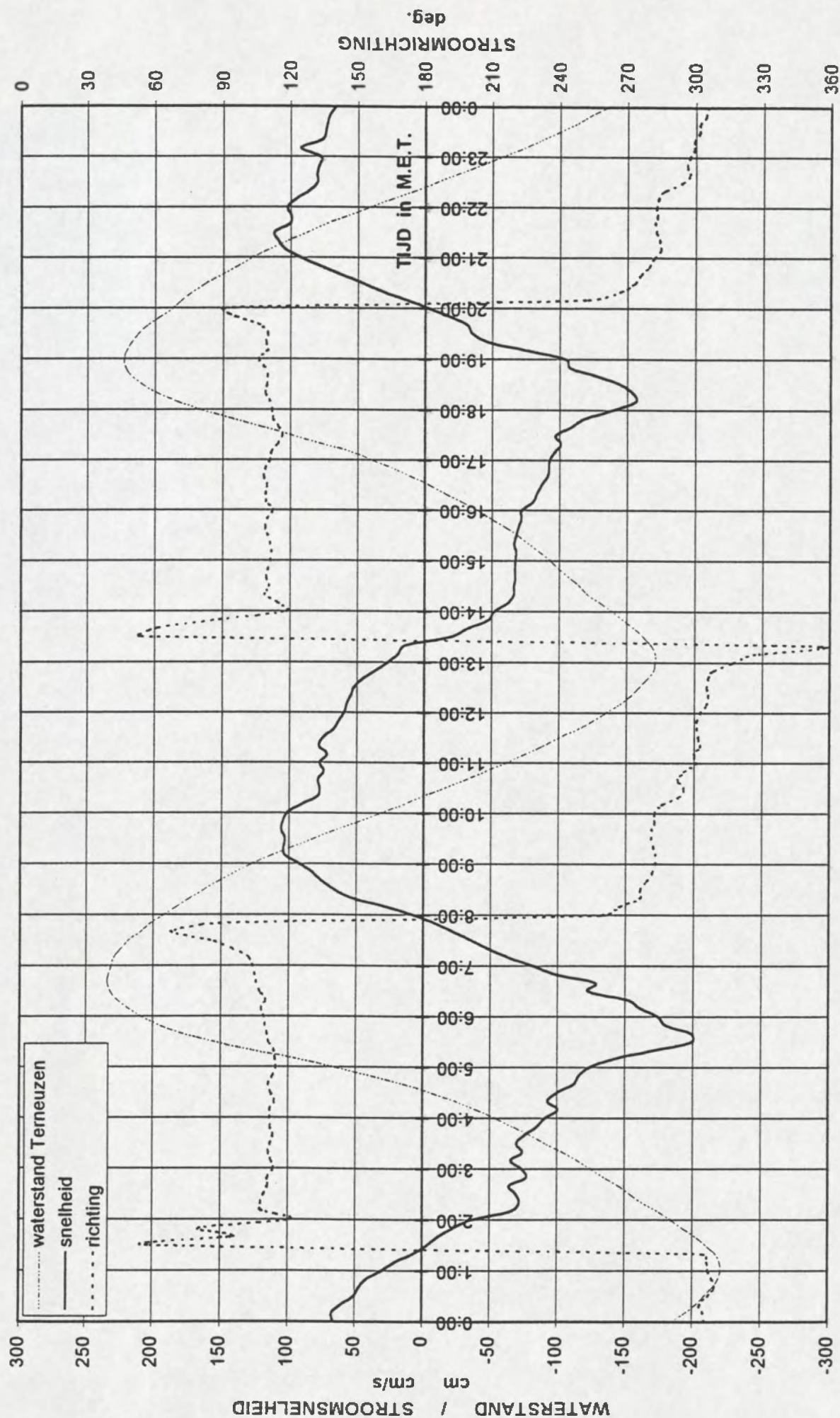


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18 juli 1999



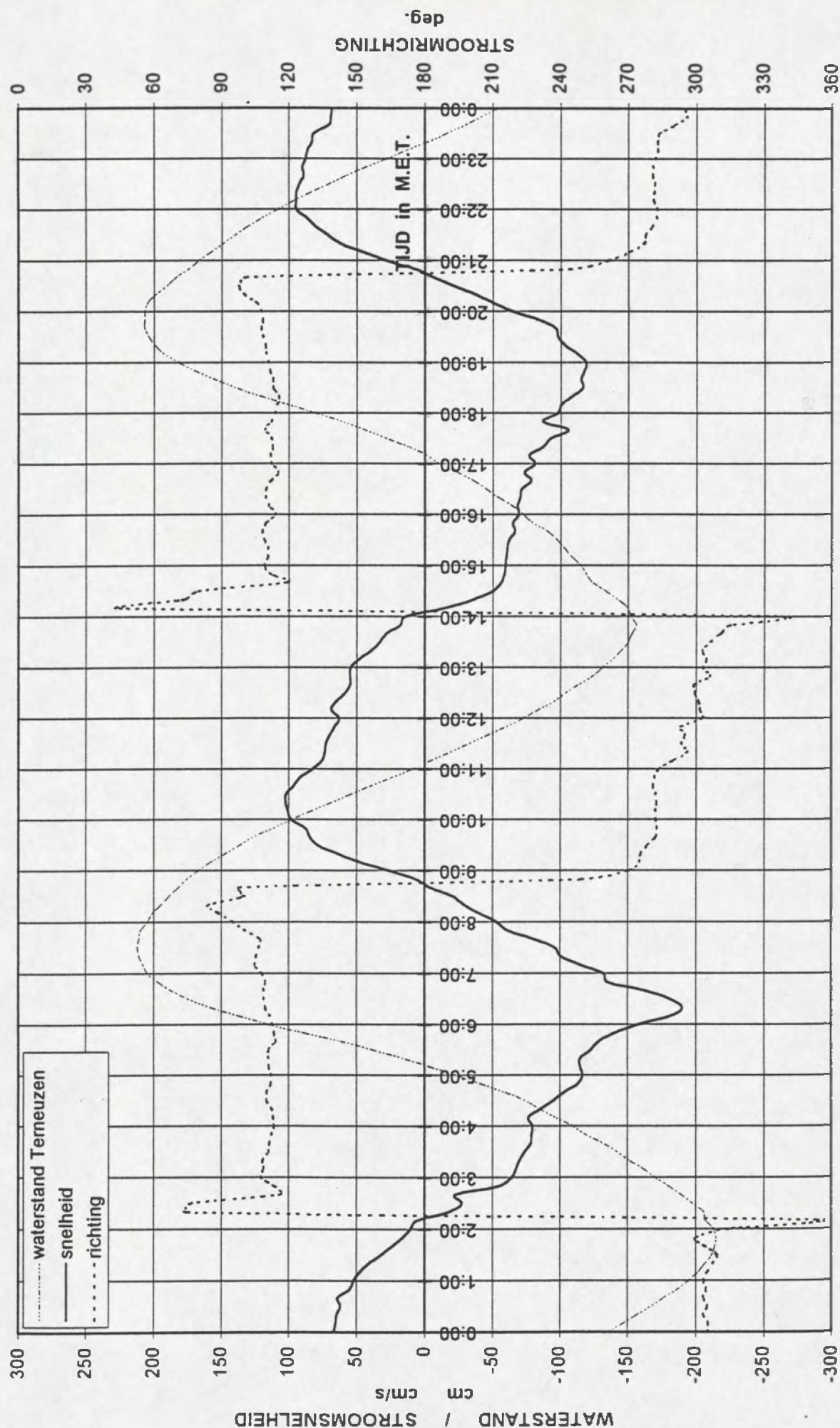
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19 juli 1999



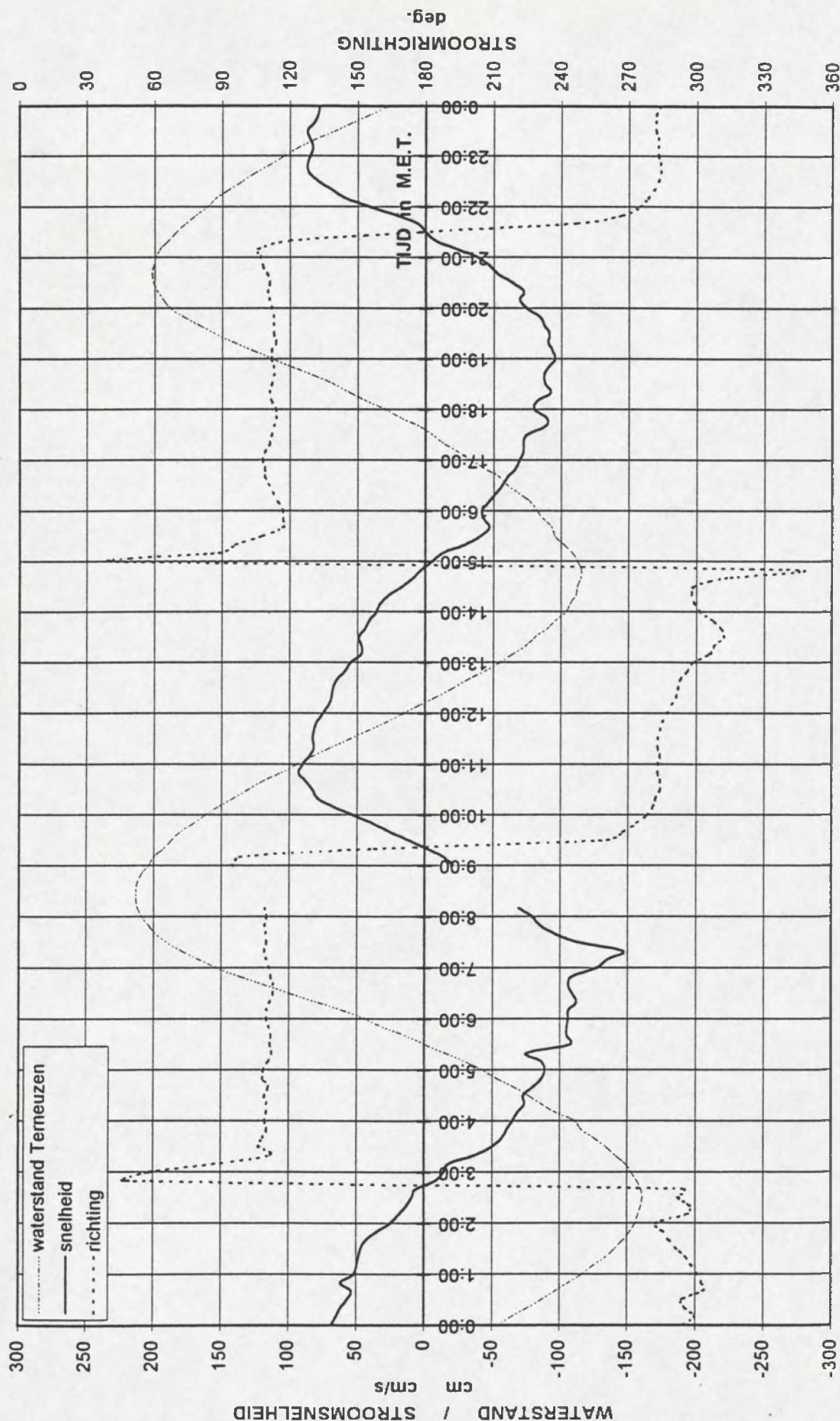
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20 juli 1999



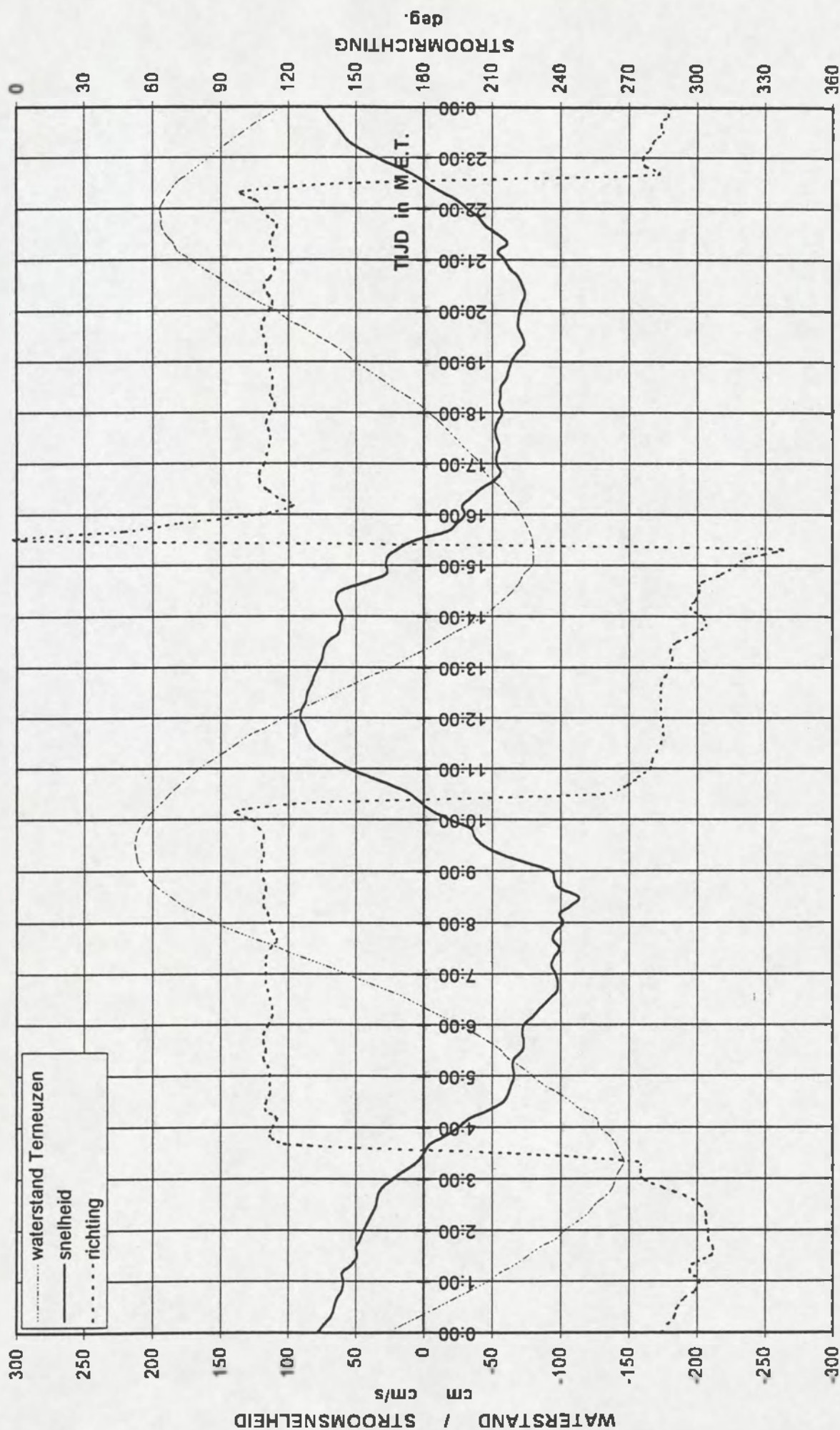
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21 juli 1999



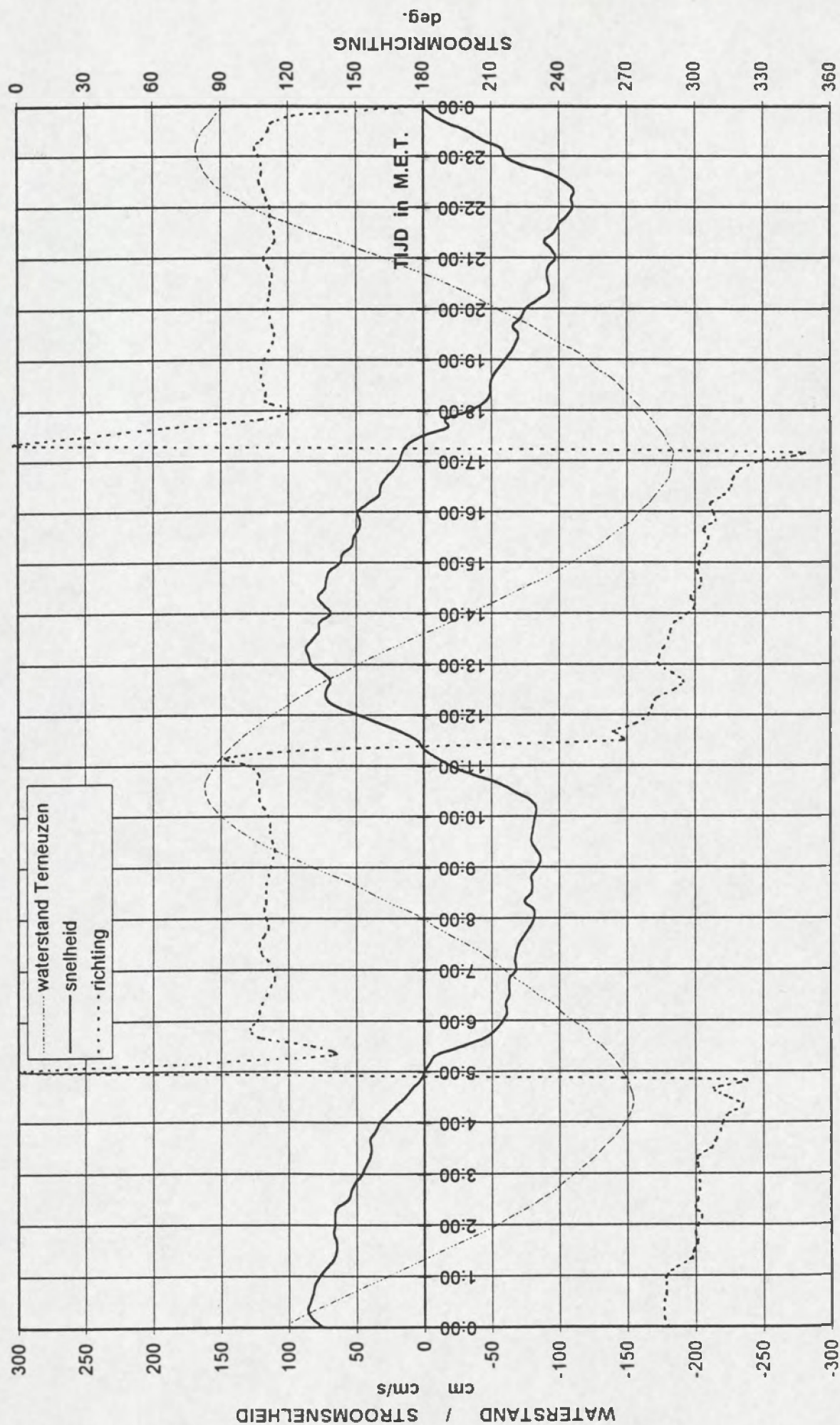
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22 juli 1999



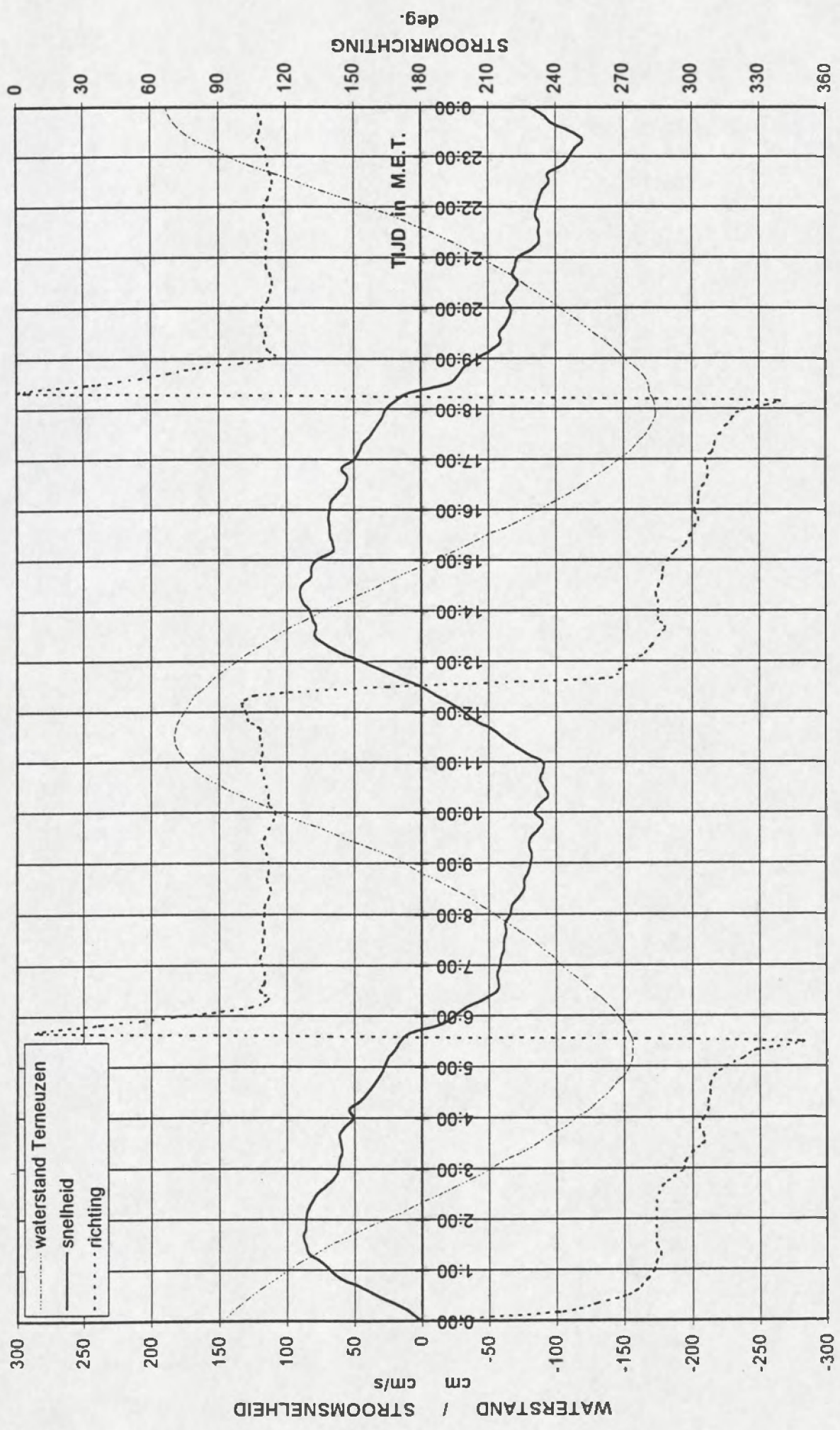
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23 juli 1999



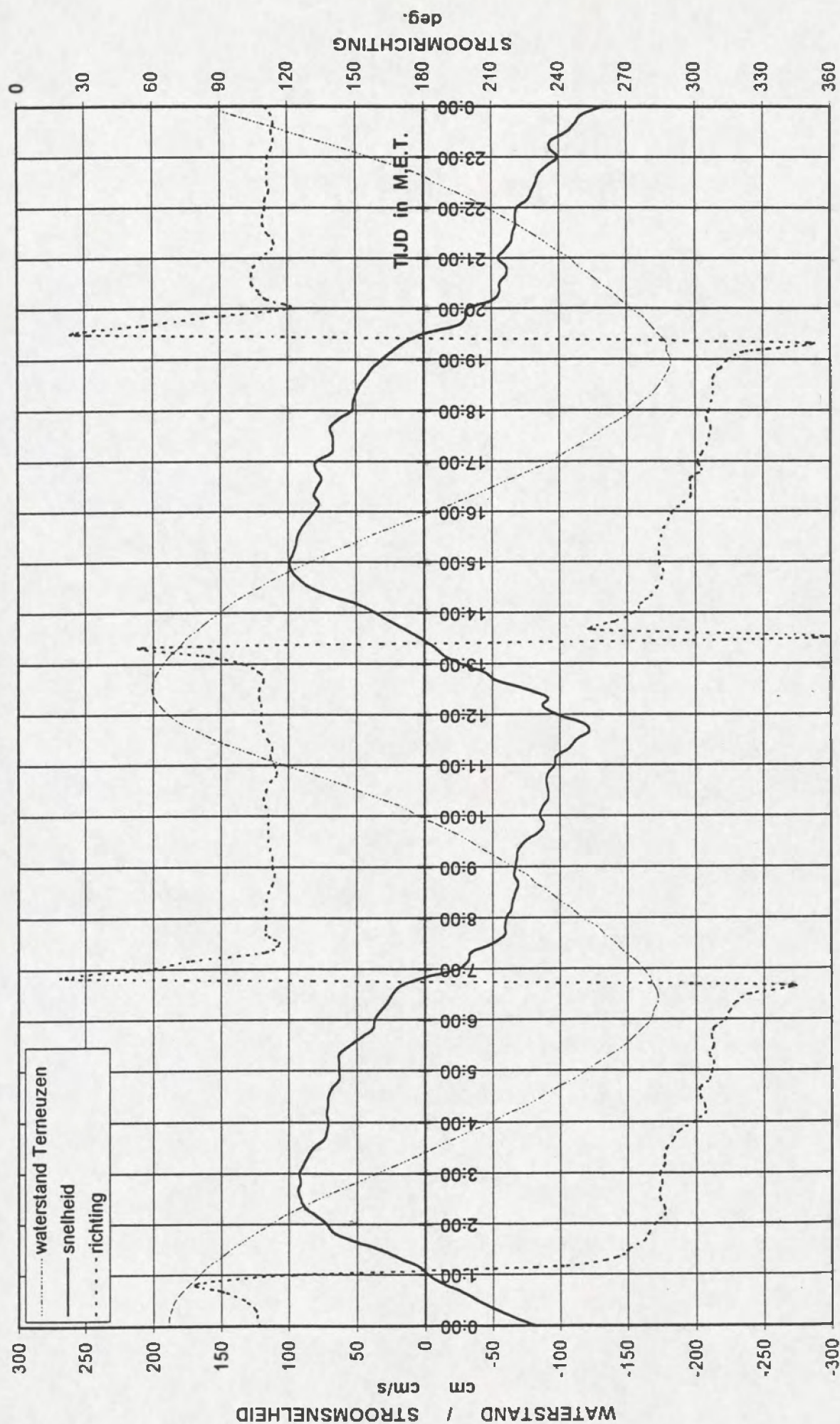
Debietraai 7 meetpunt OSM 2

24 juli 1999



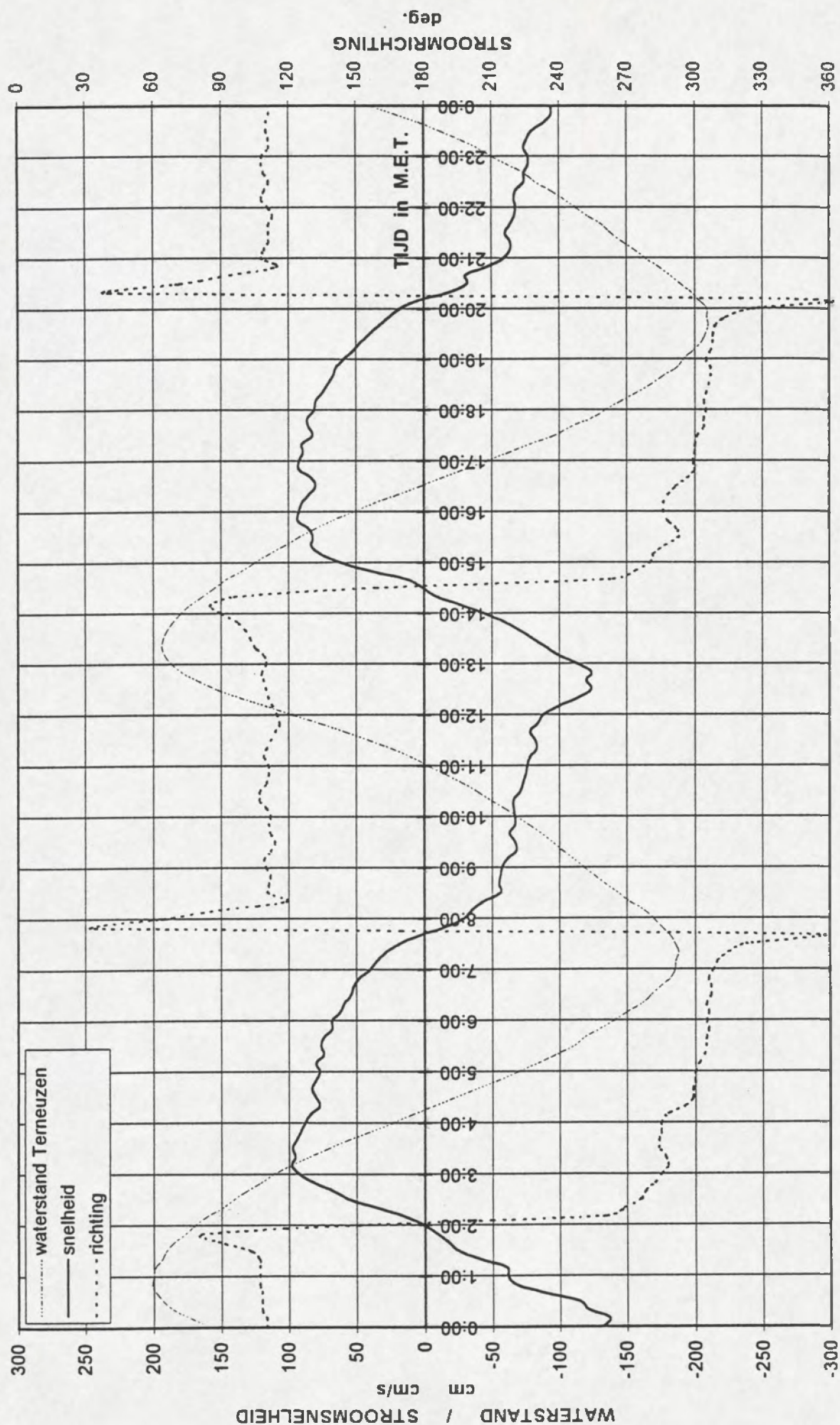
Debietraai 7 meetpunt OSM 2

25 juli 1999



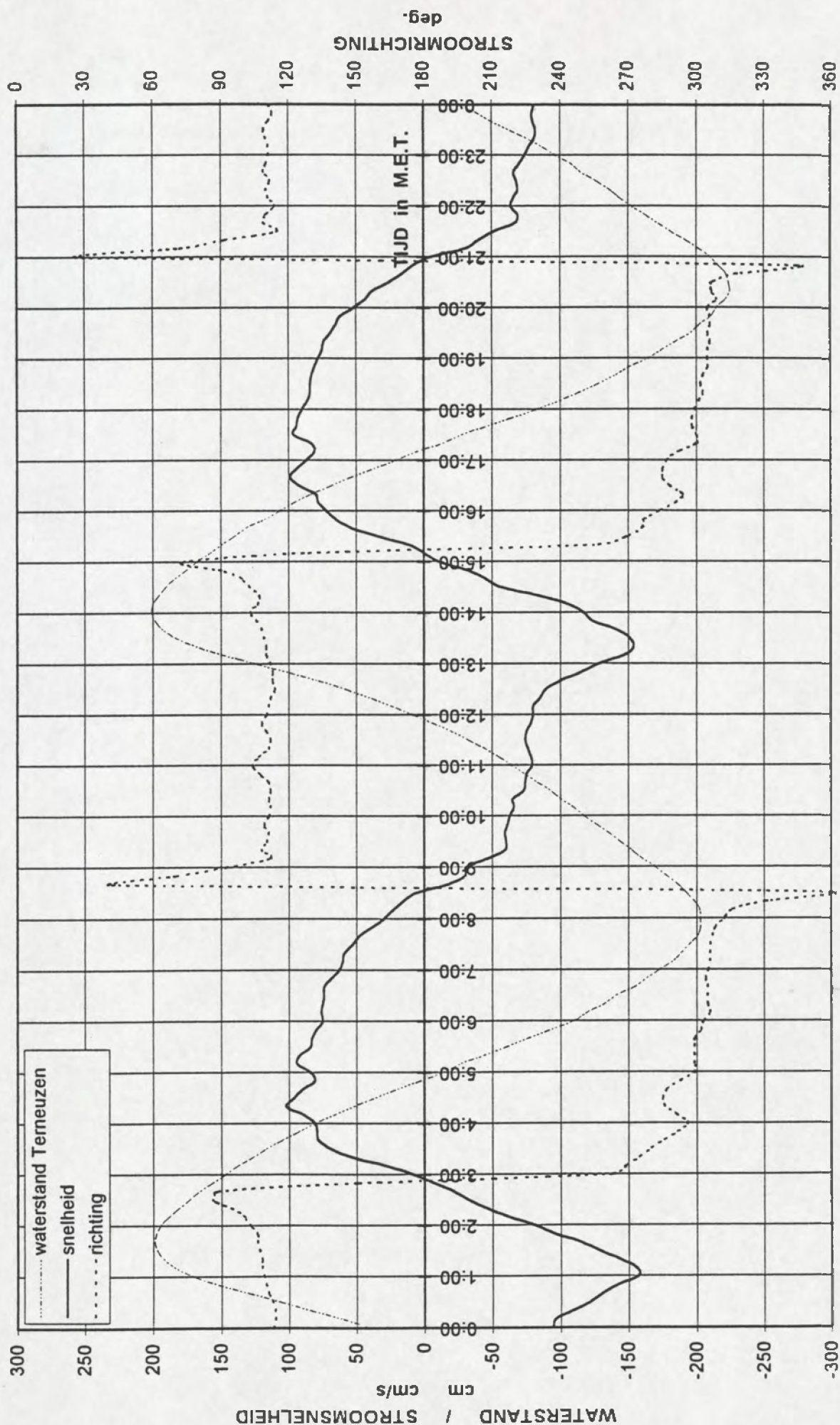
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26 juli 1999



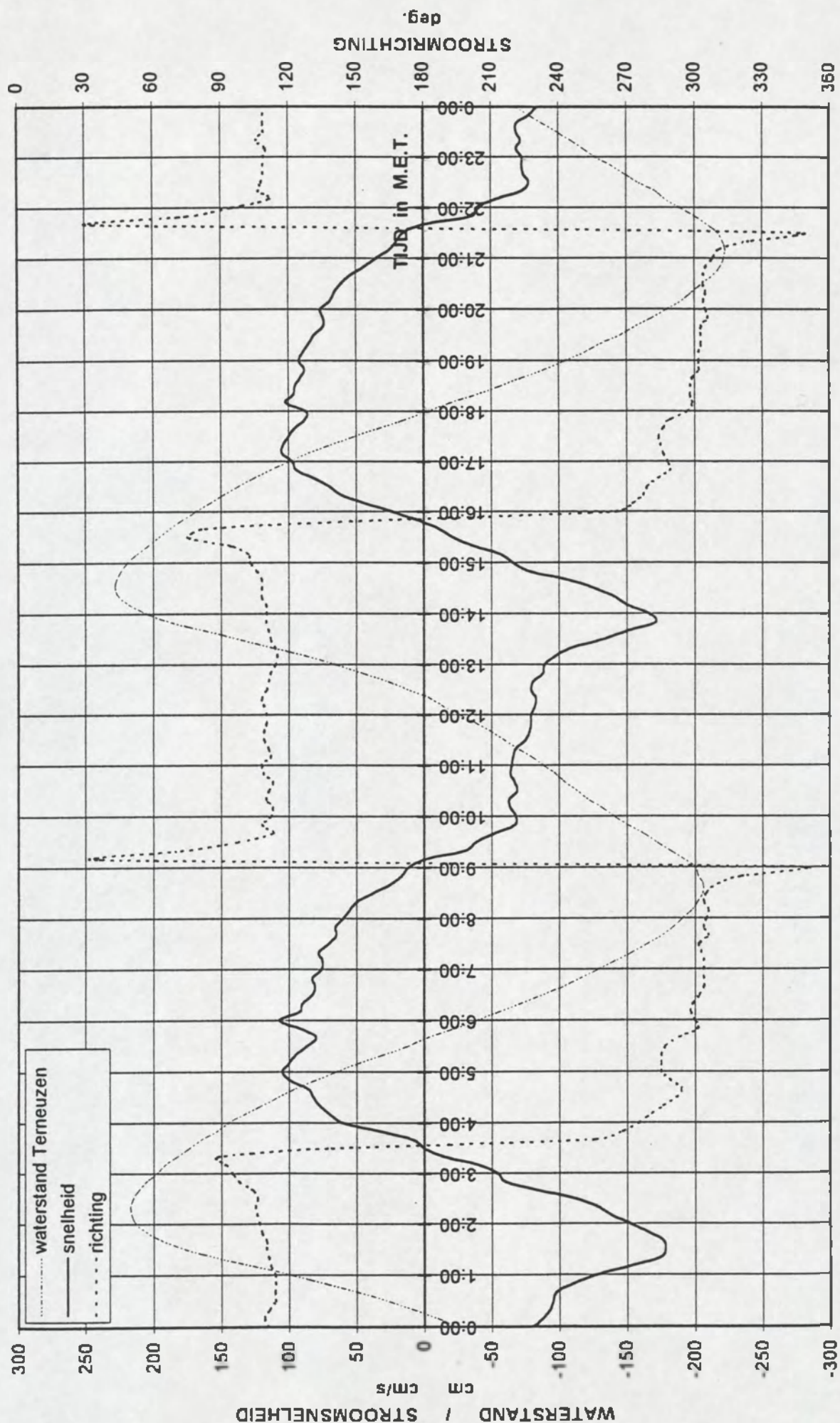
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27 juli 1999



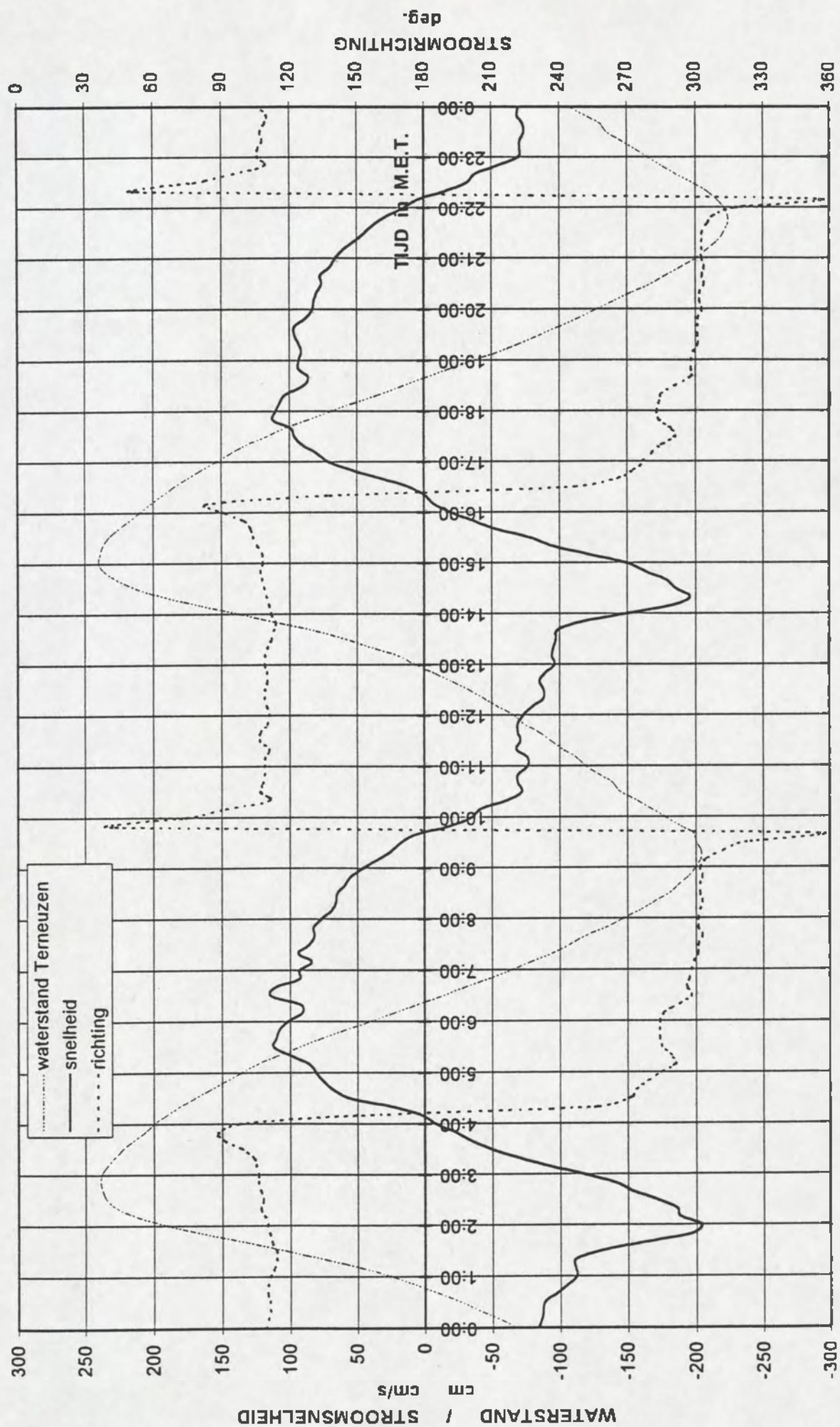
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28 juli 1999



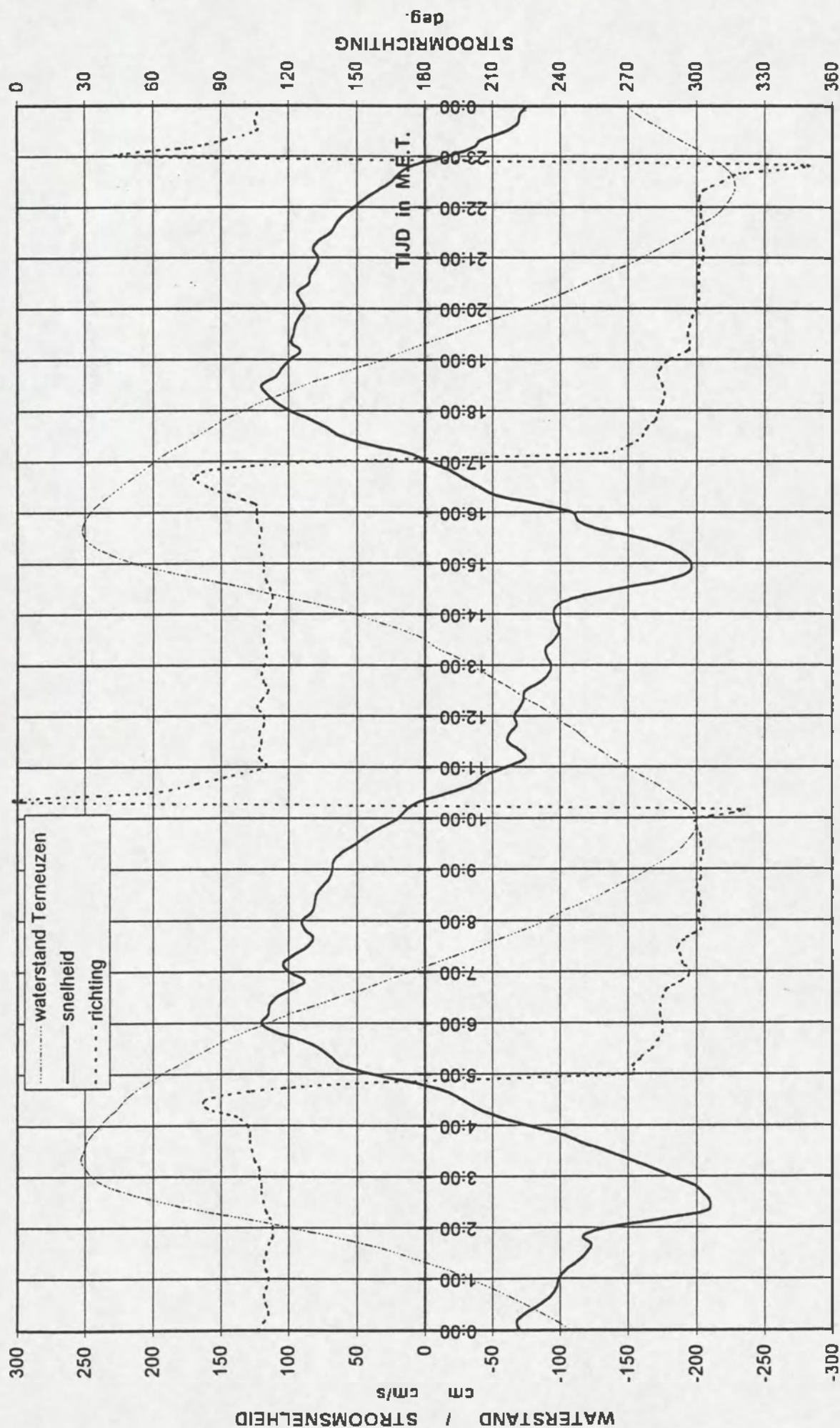
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29 juli 1999



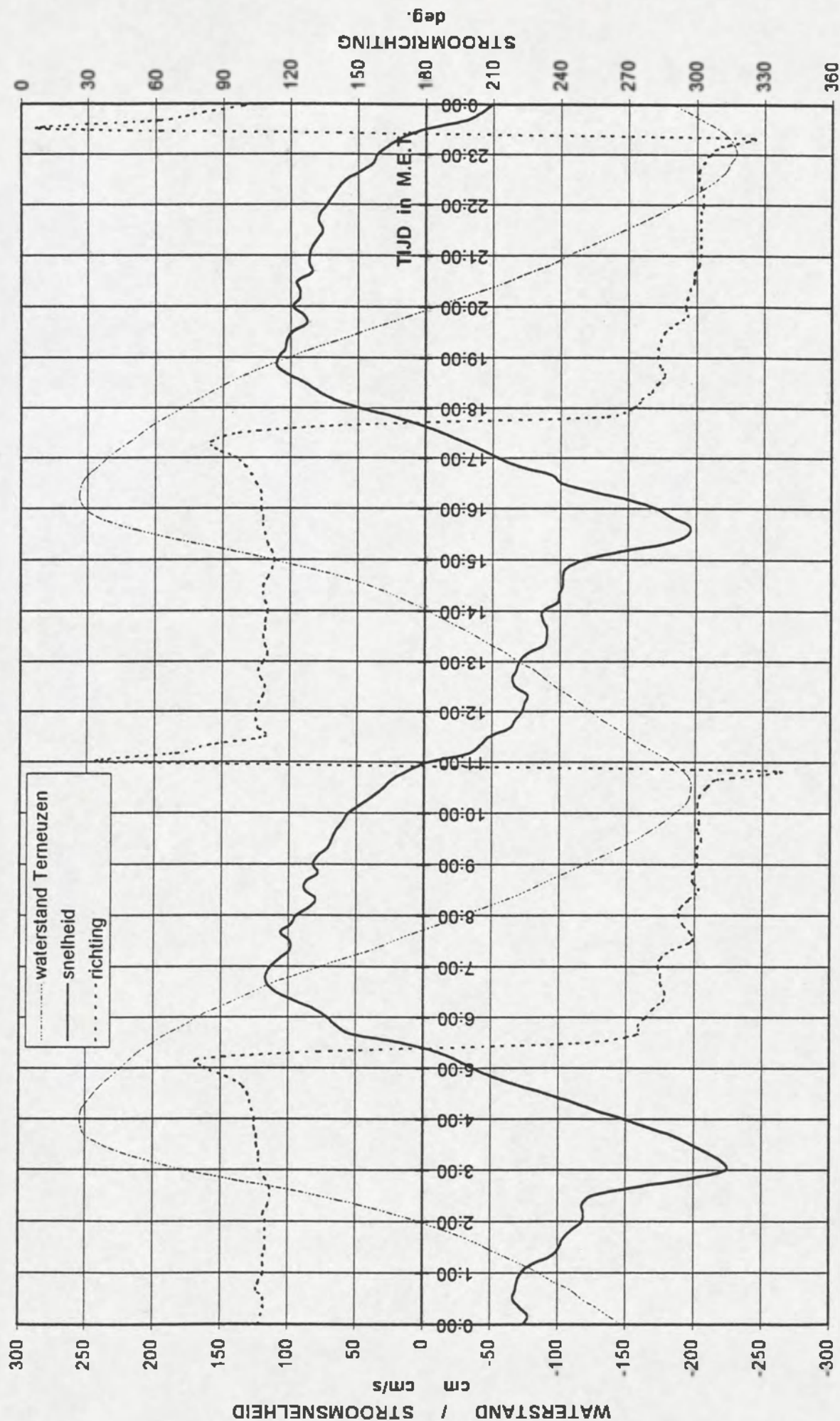
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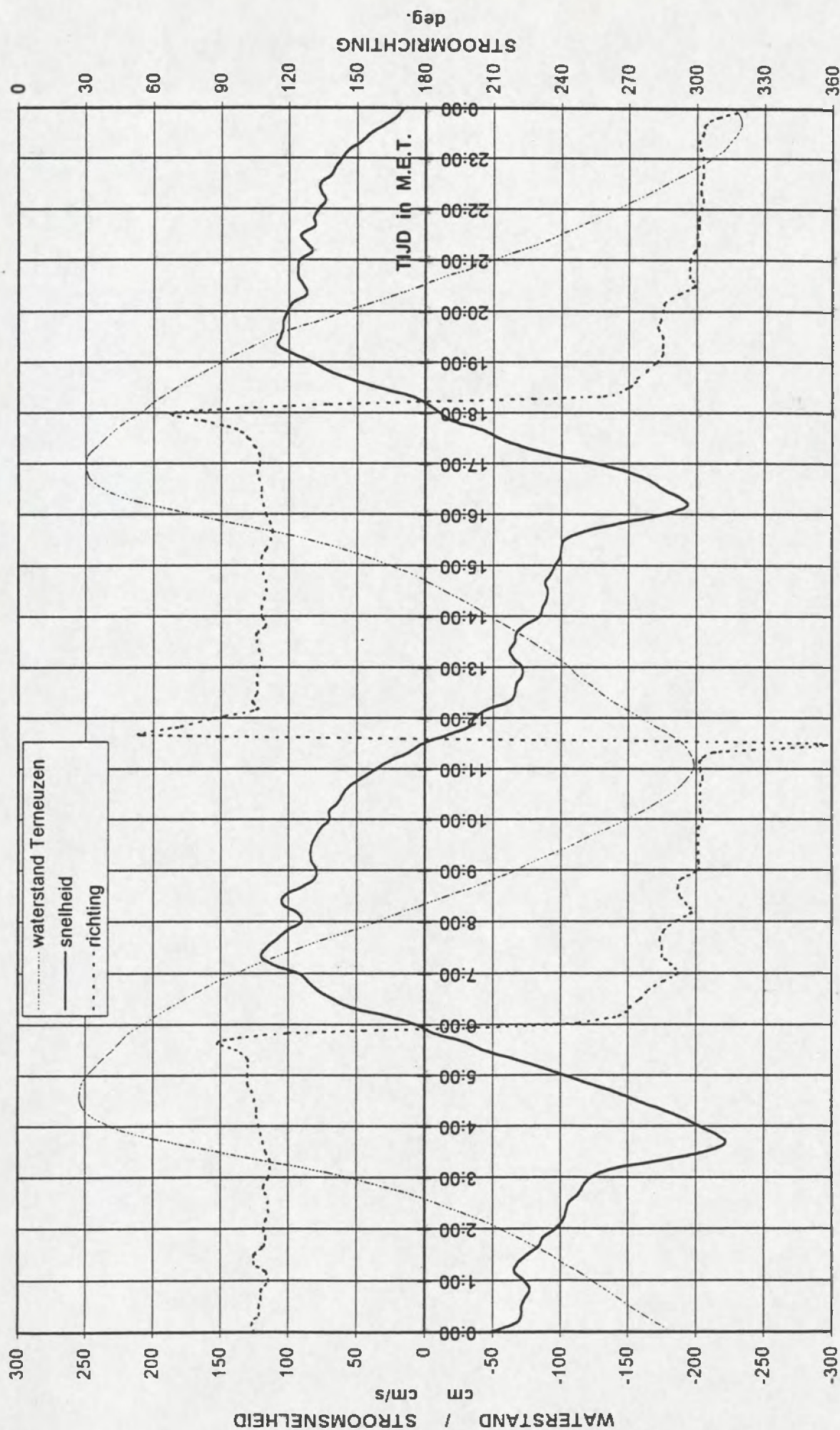
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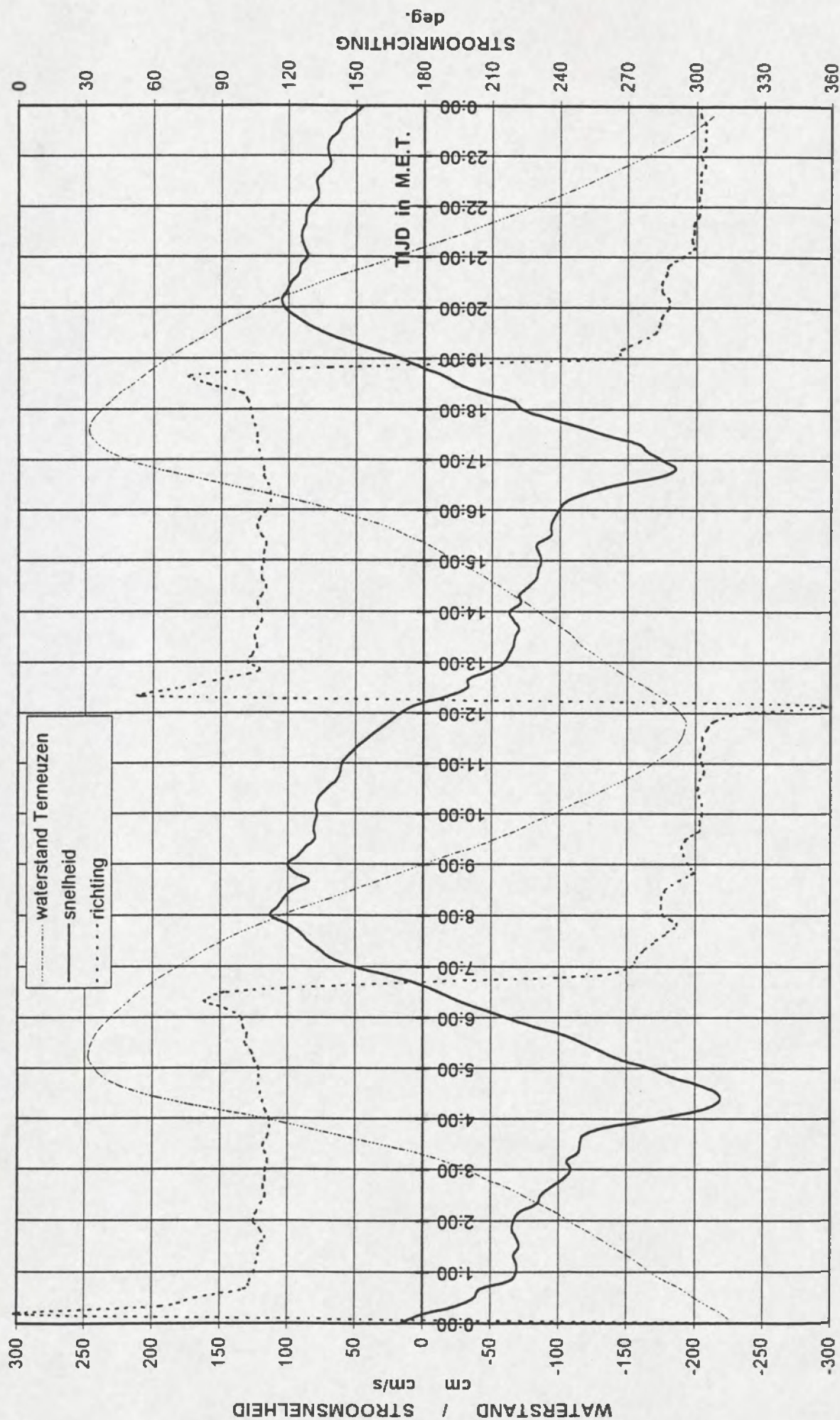


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1 augustus 1999

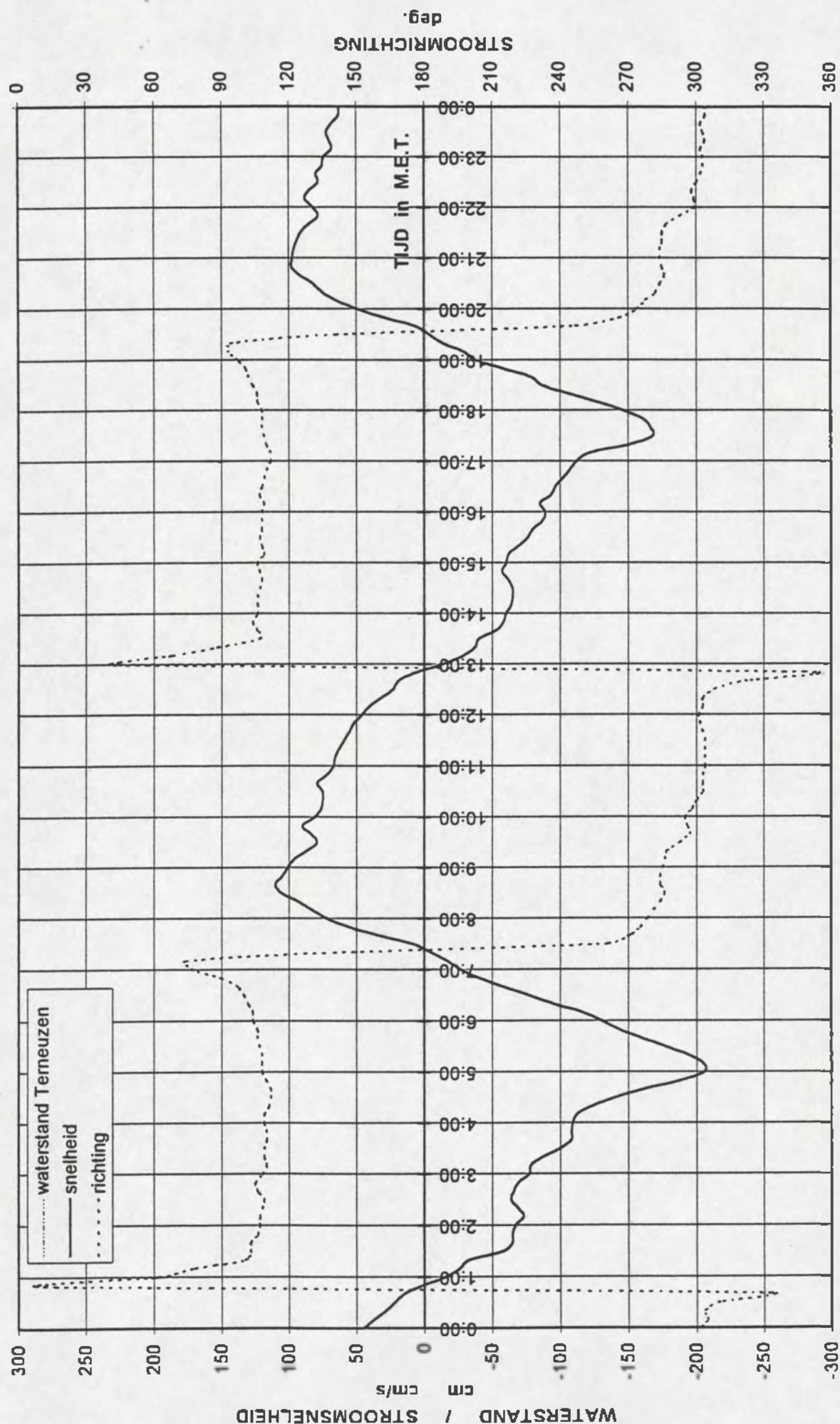


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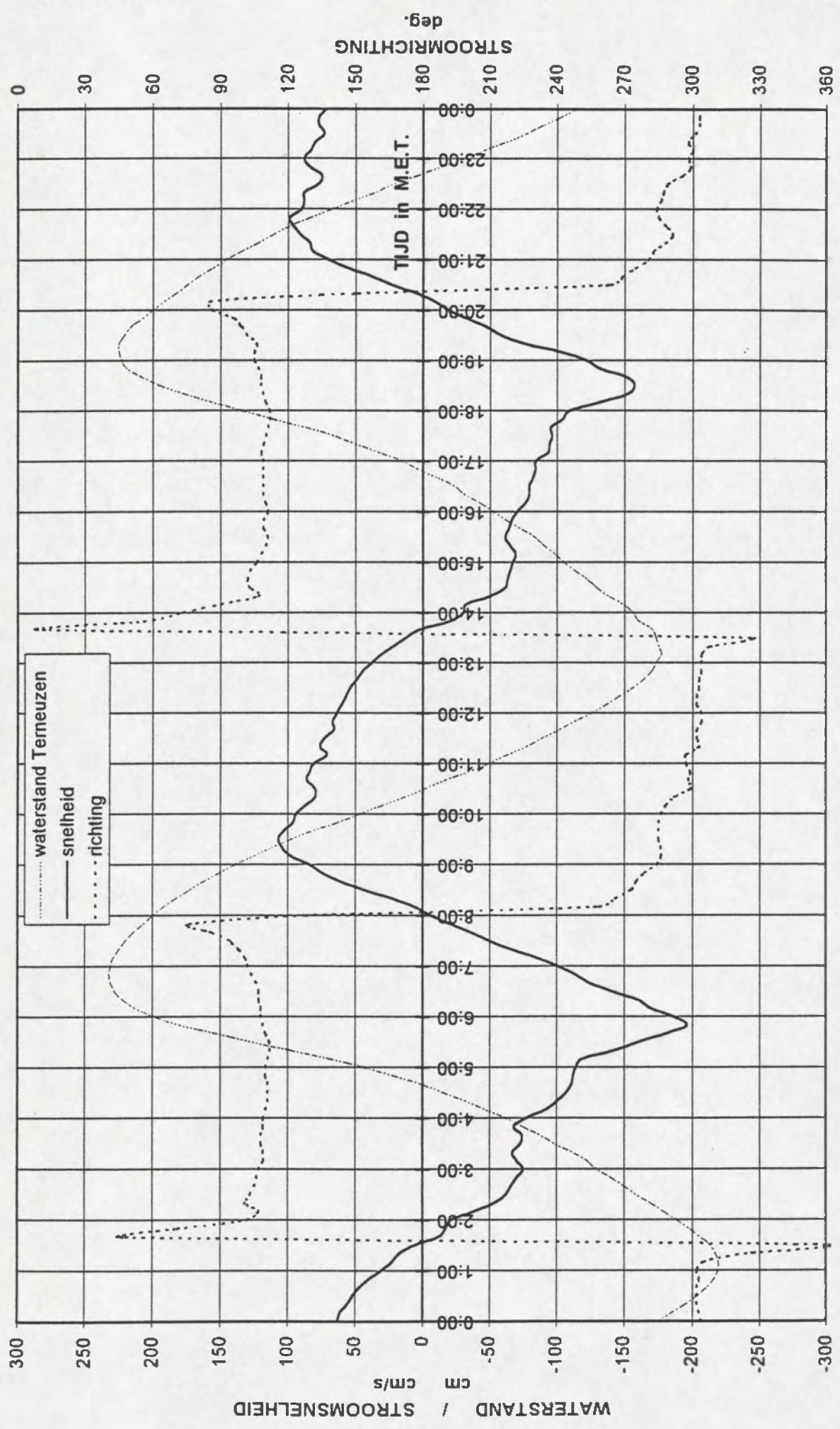
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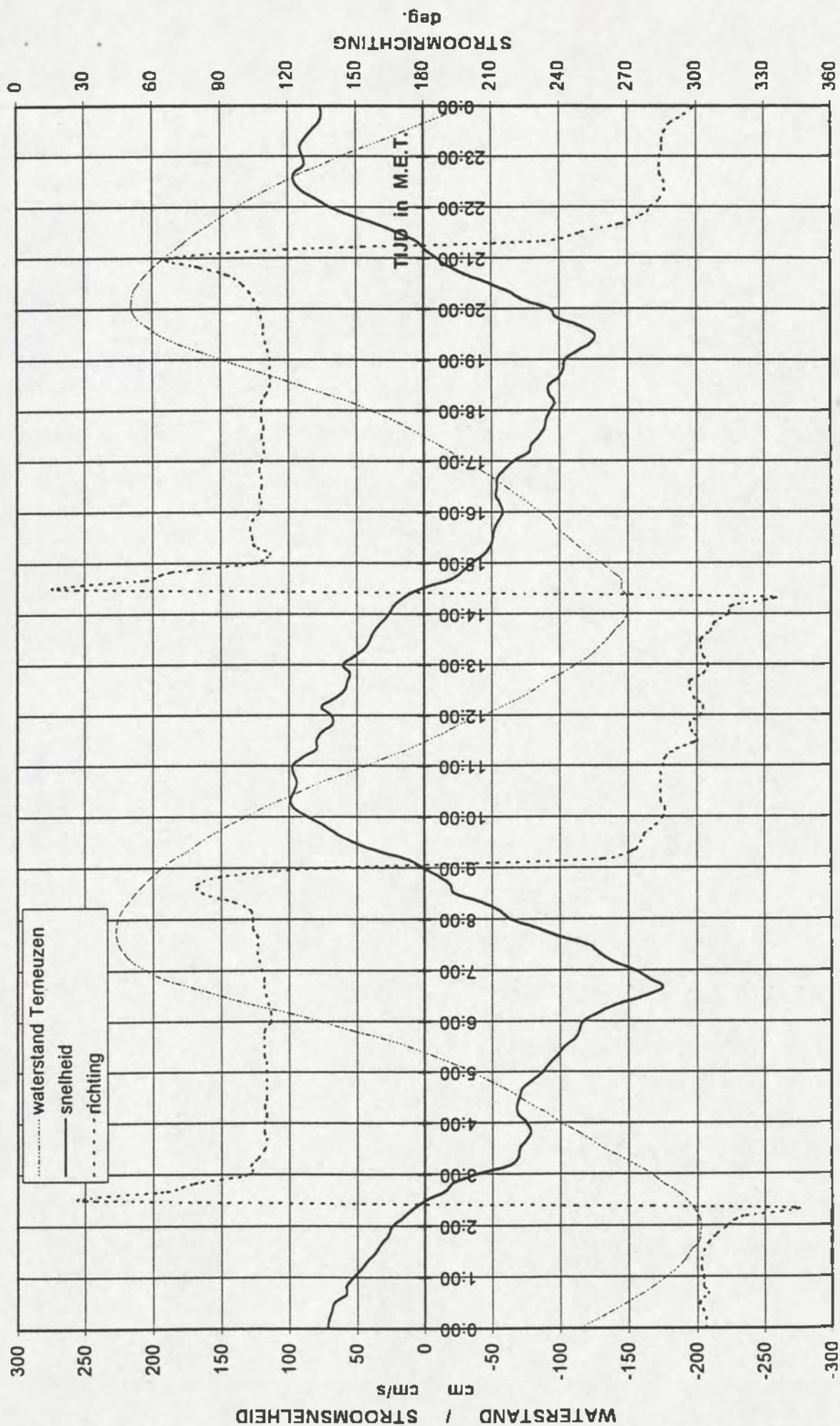
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4 augustus 1999



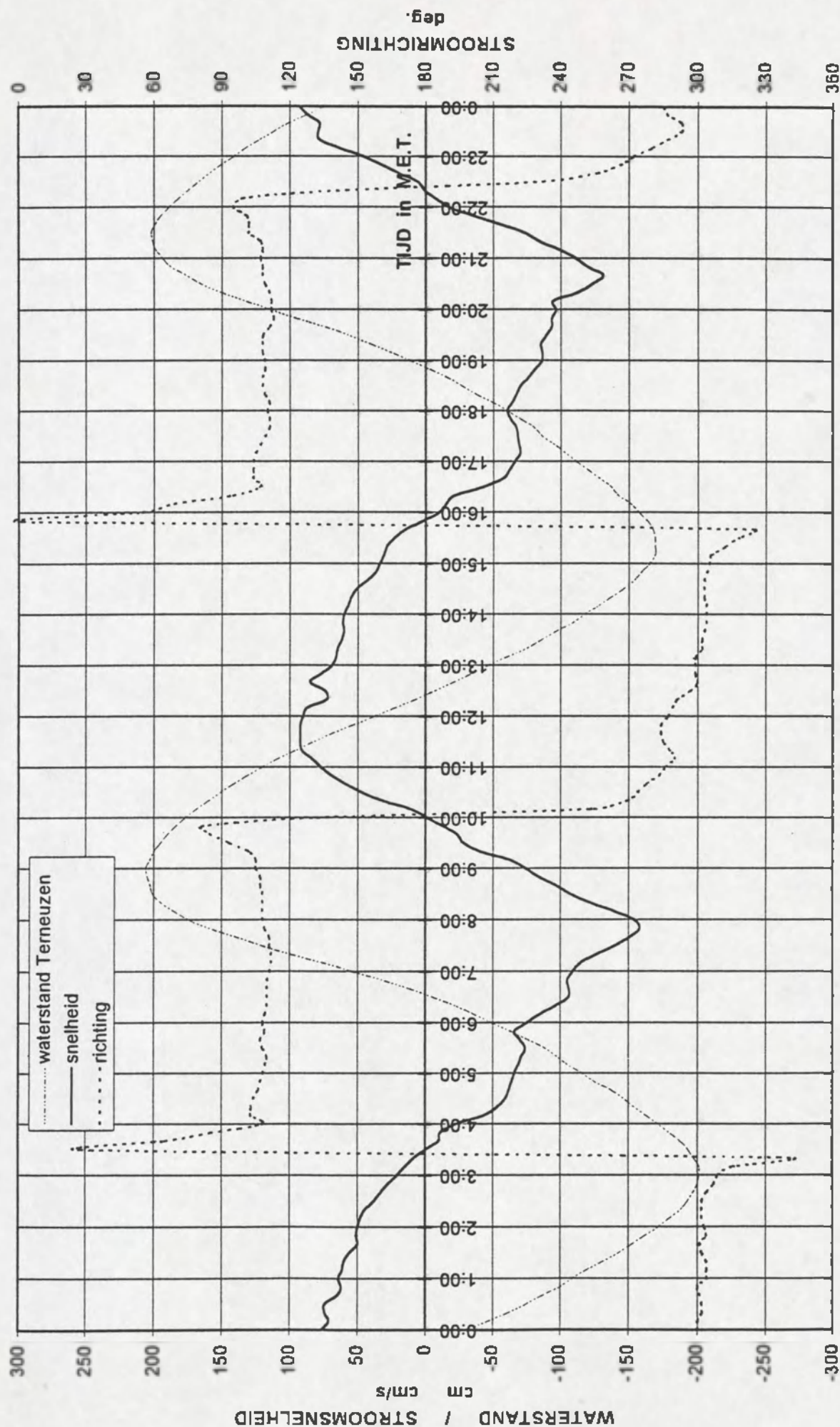
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5 augustus 1999

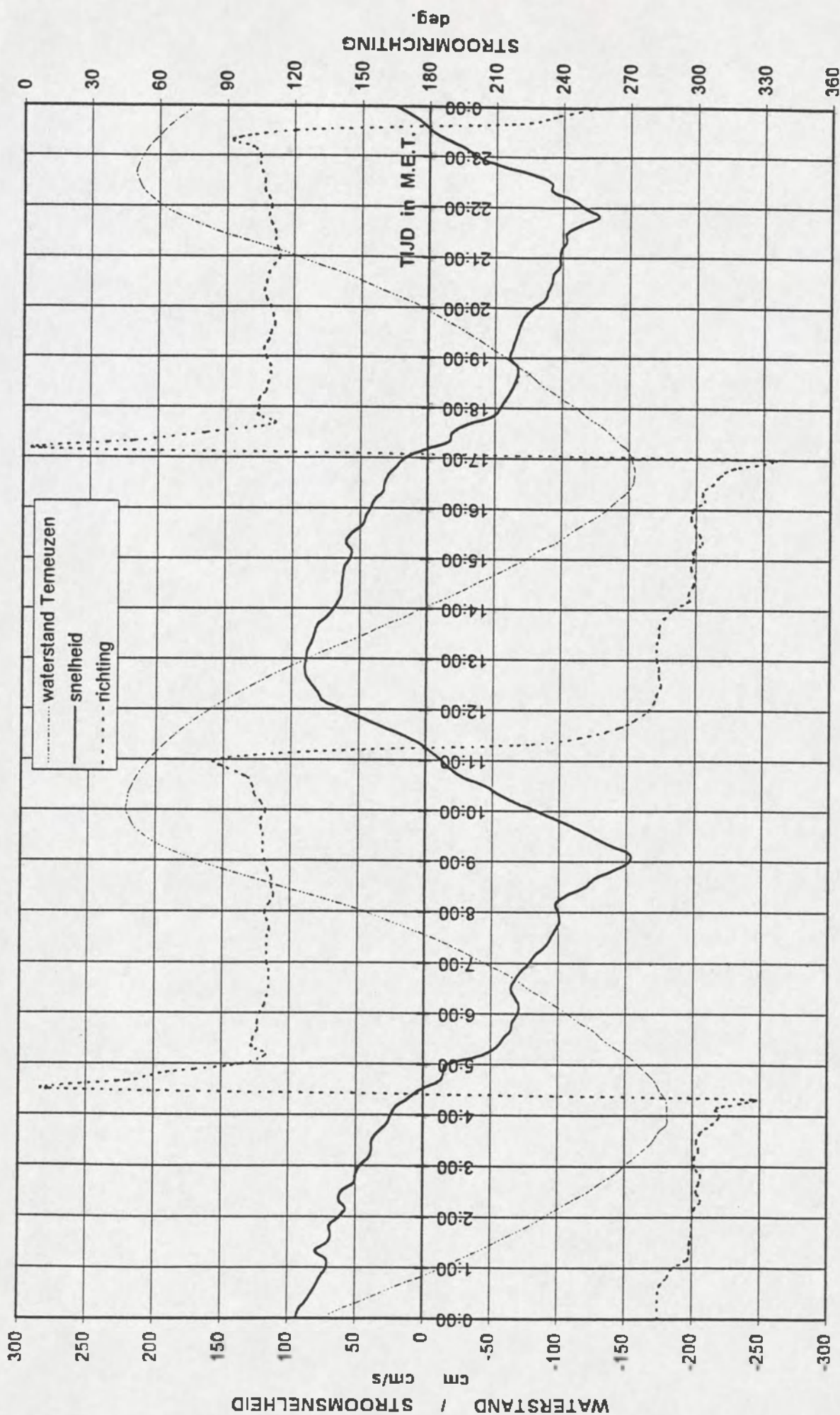


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6 augustus 1999

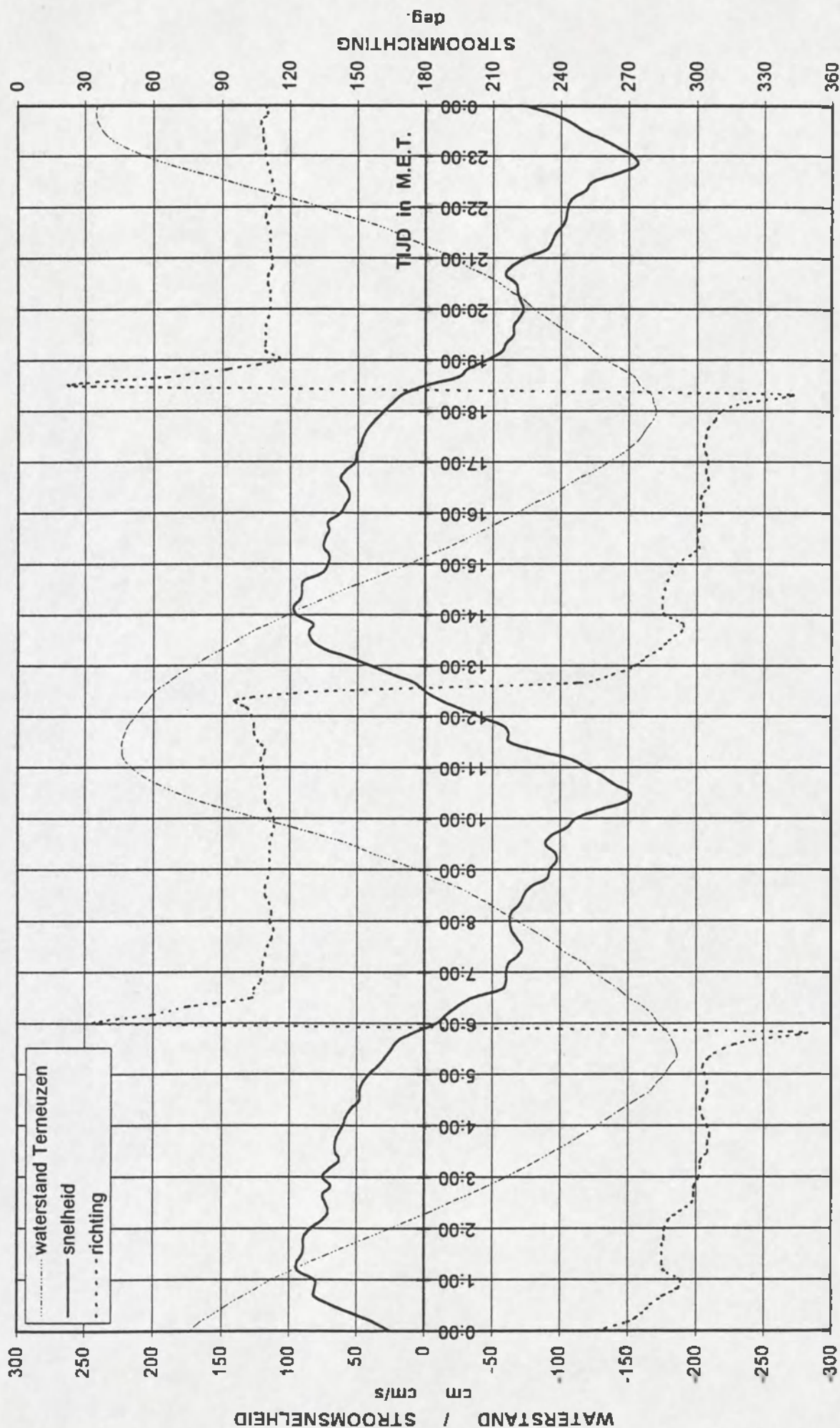


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7 augustus 1999



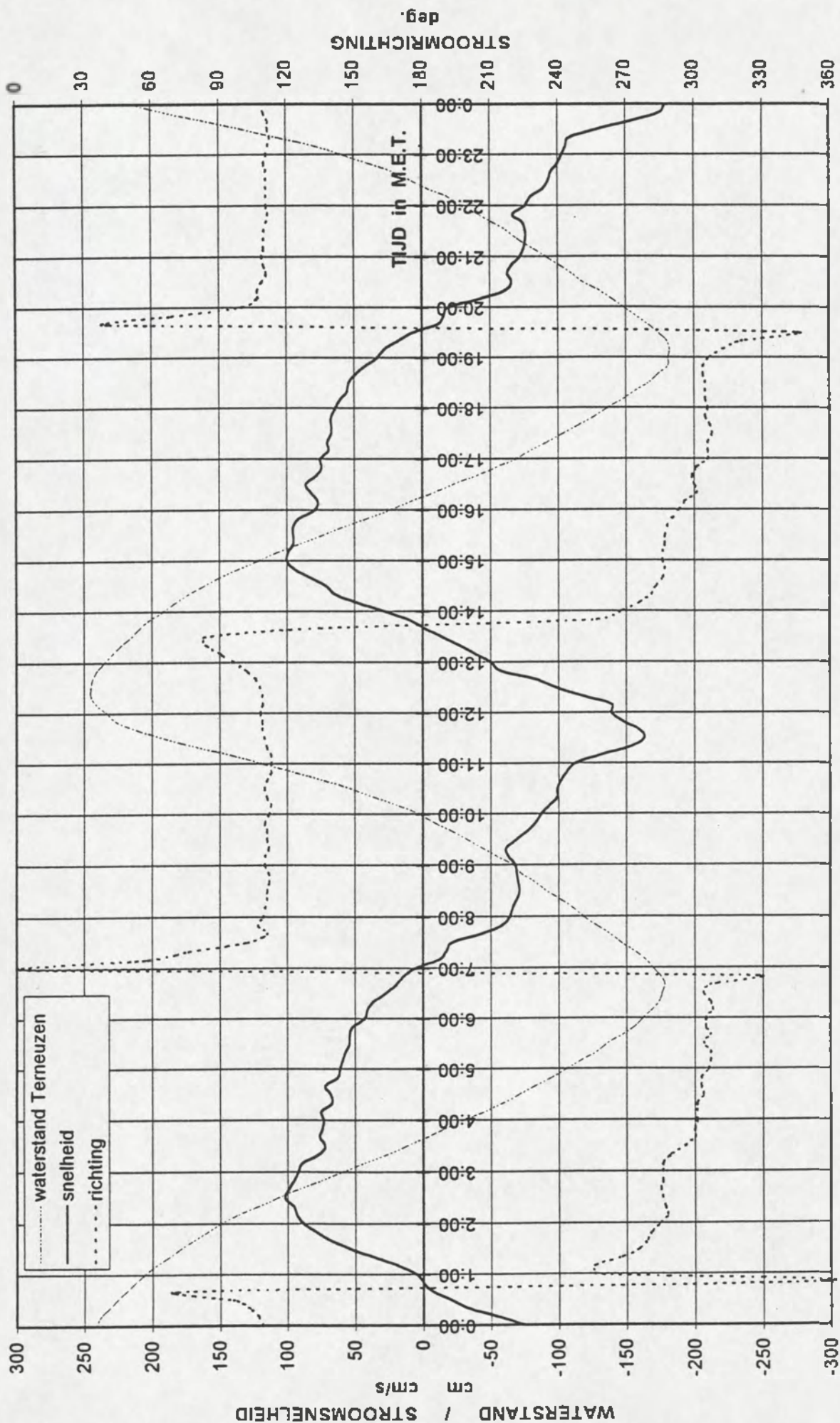
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8 augustus 1999



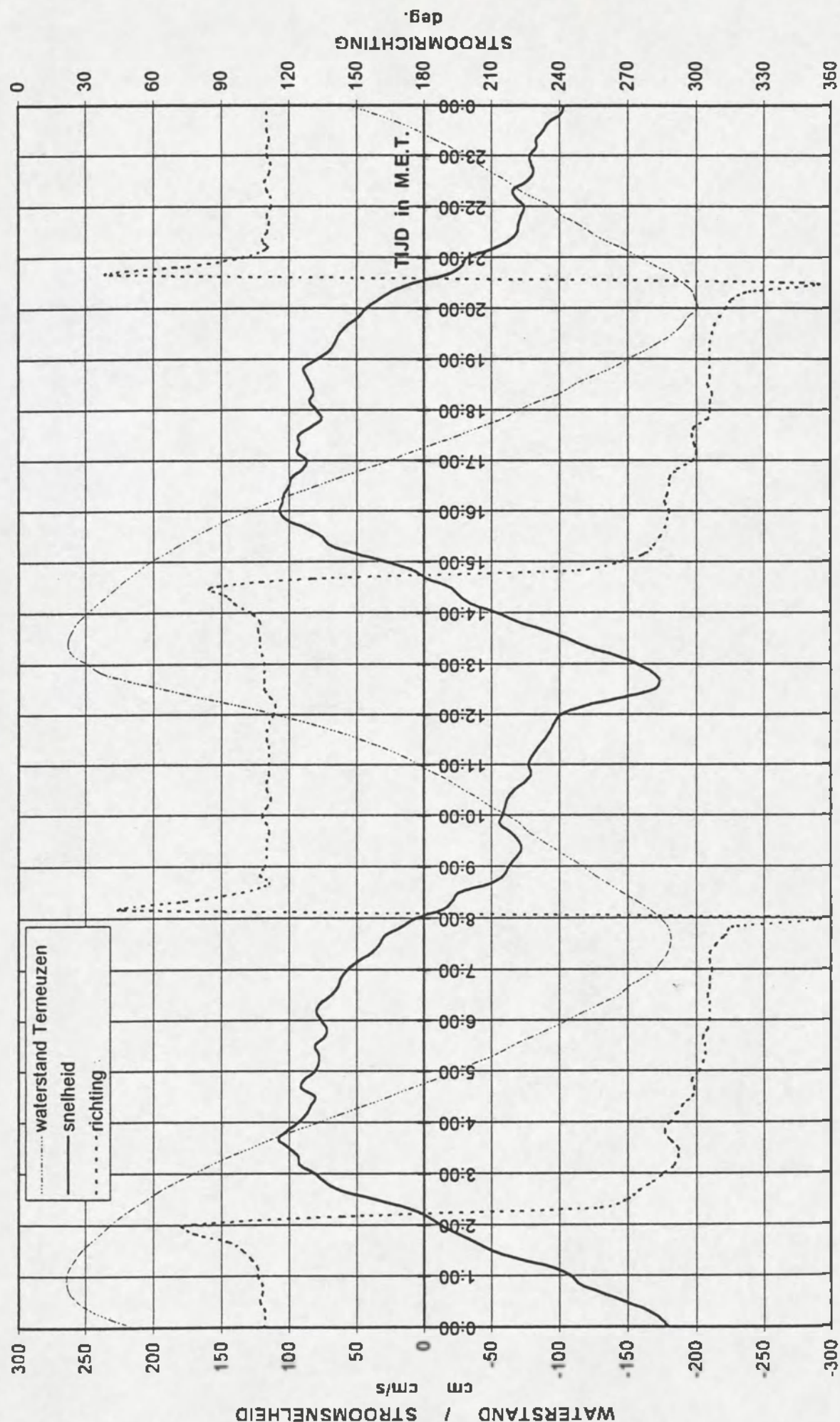
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9 augustus 1999



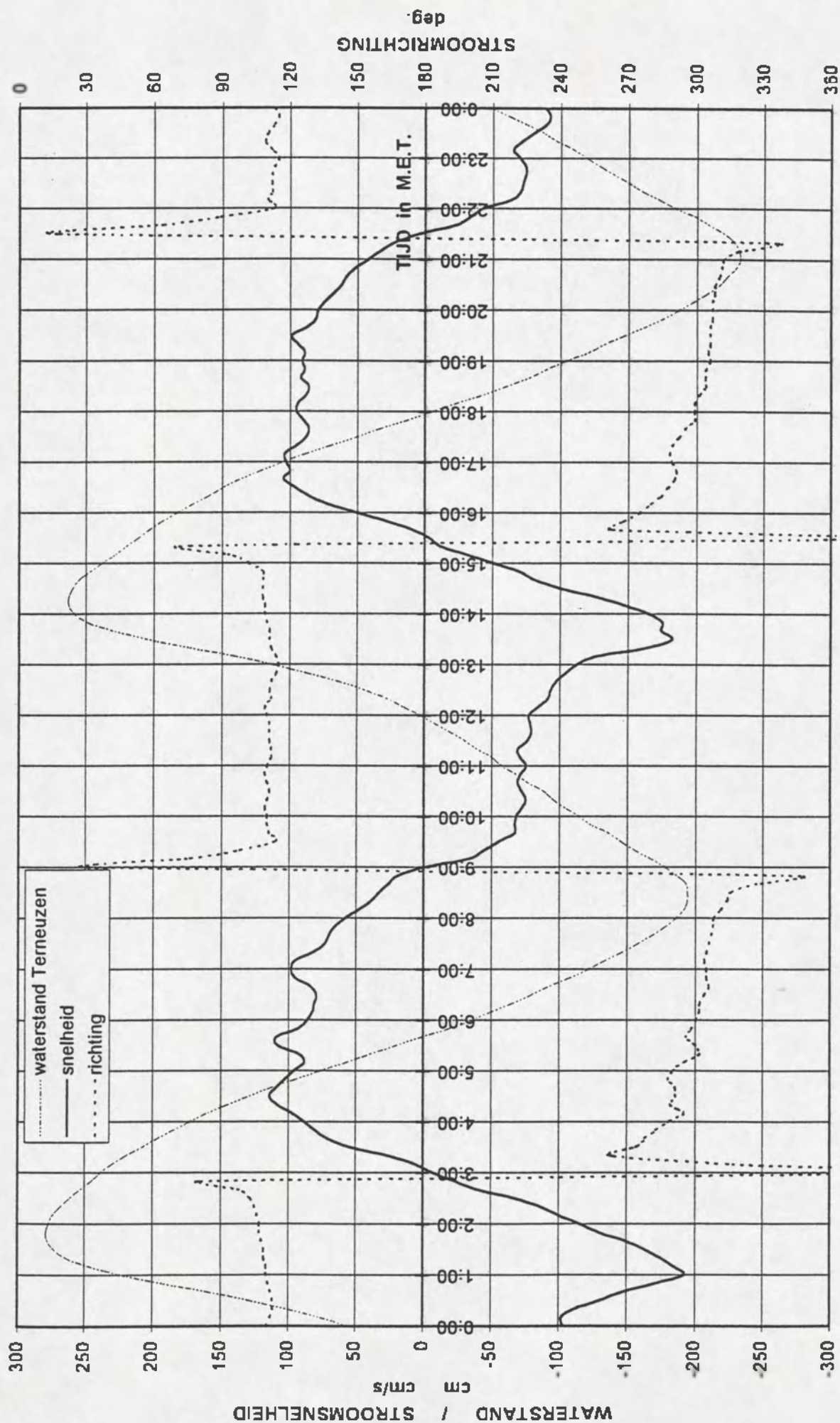
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10 augustus 1999



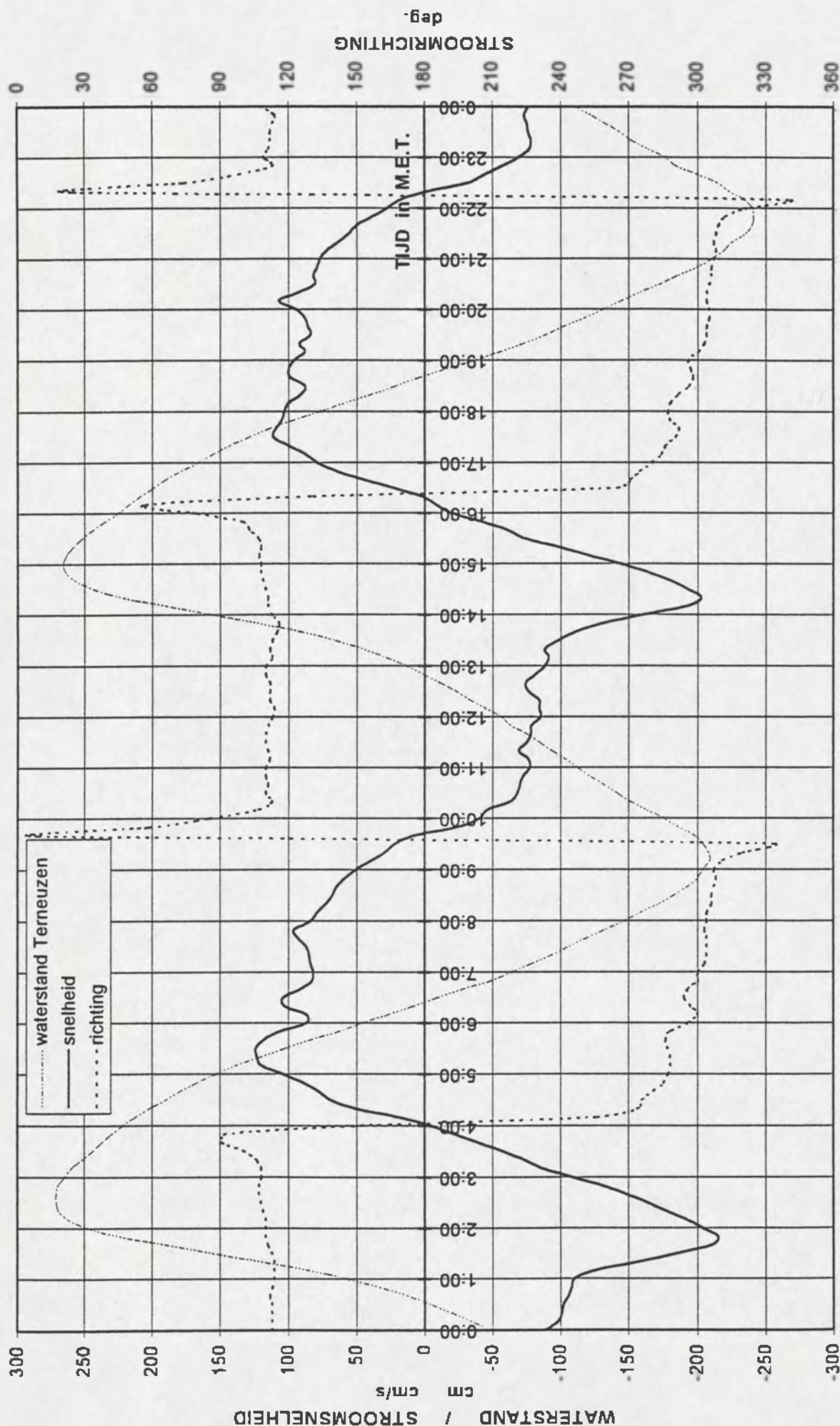
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11 augustus 1999



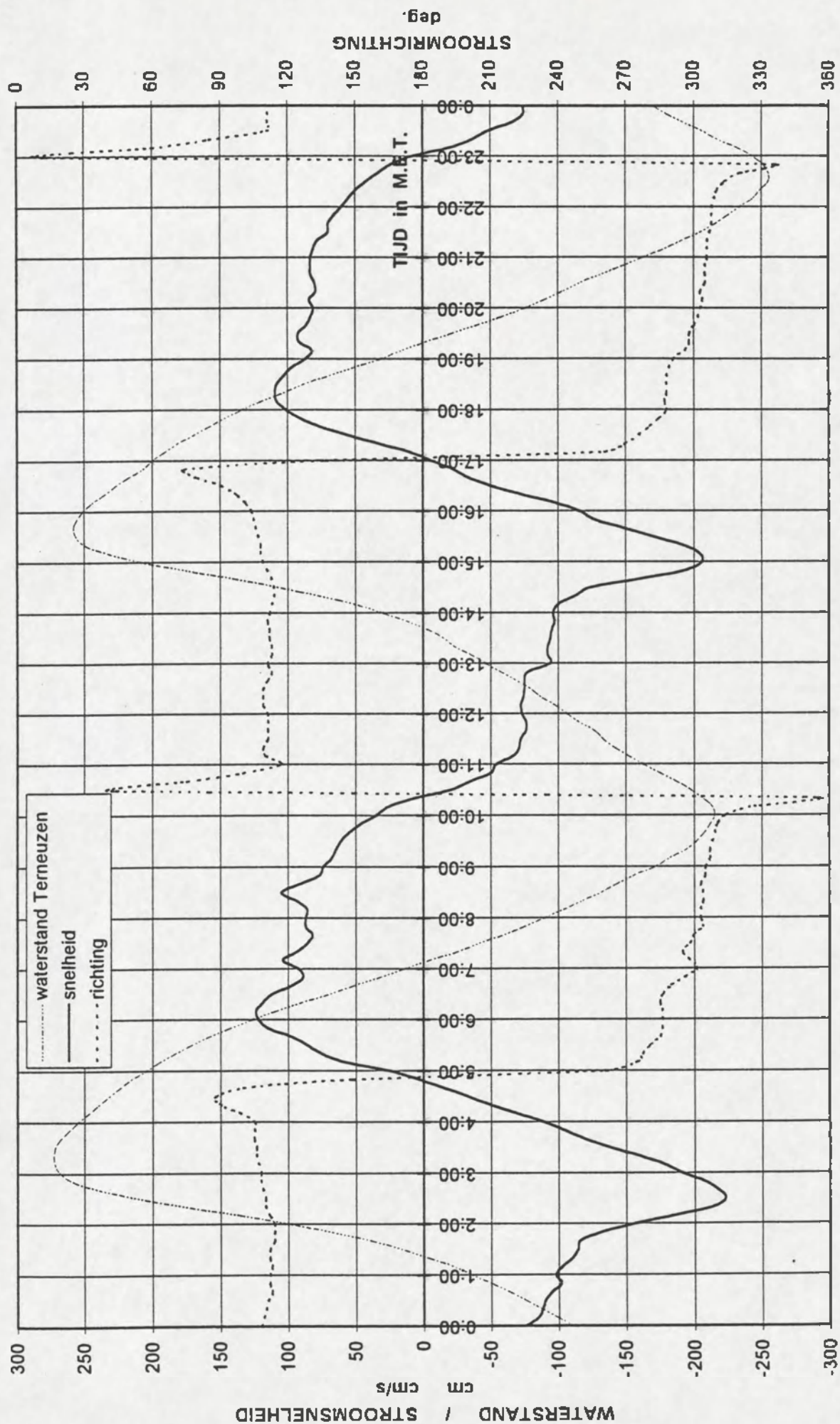
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12 augustus 1999



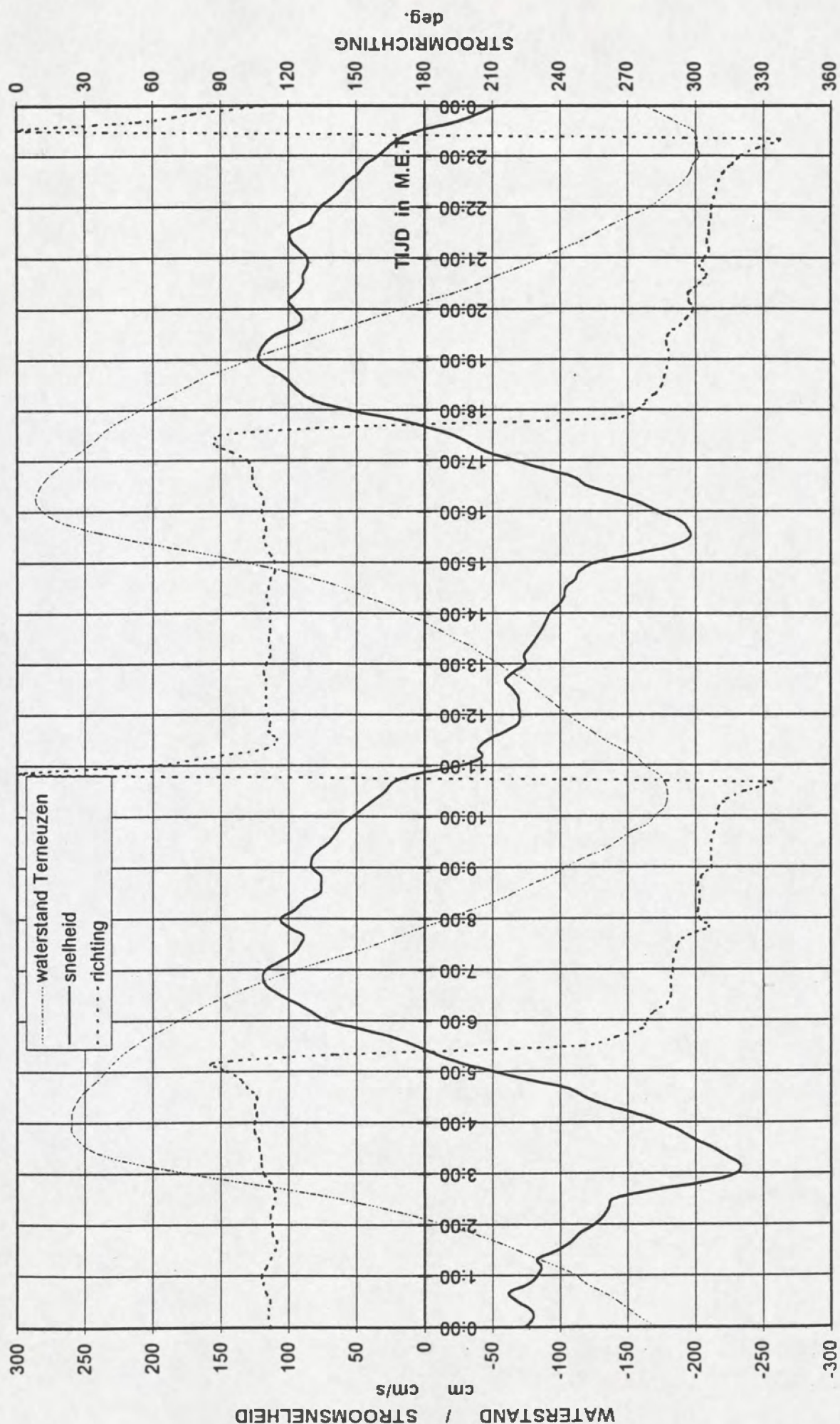
Debietraai 7 meetpunt OSM 2

13 augustus 1999



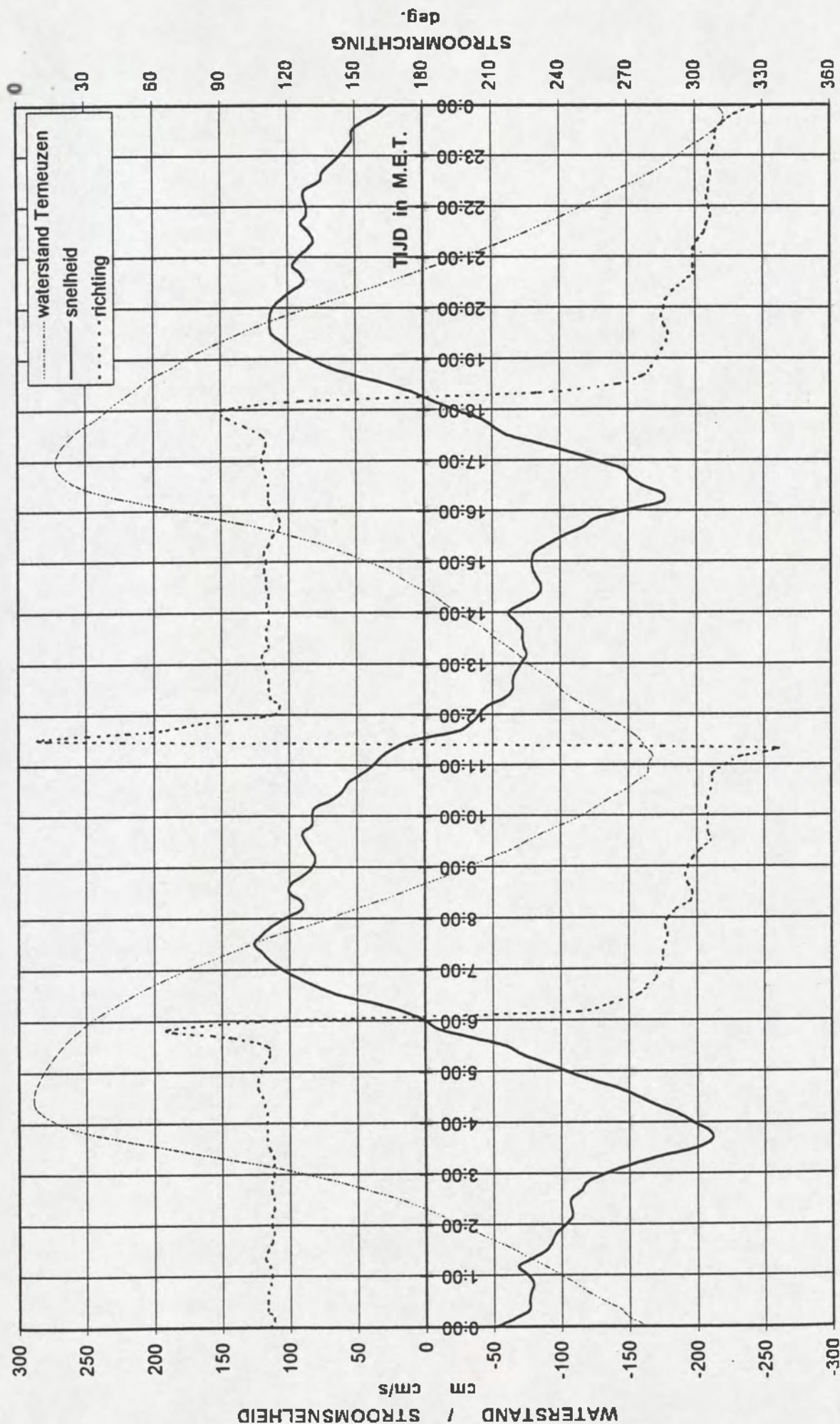
Debietraai 7 meetpunt OSM 2

14 augustus 1999



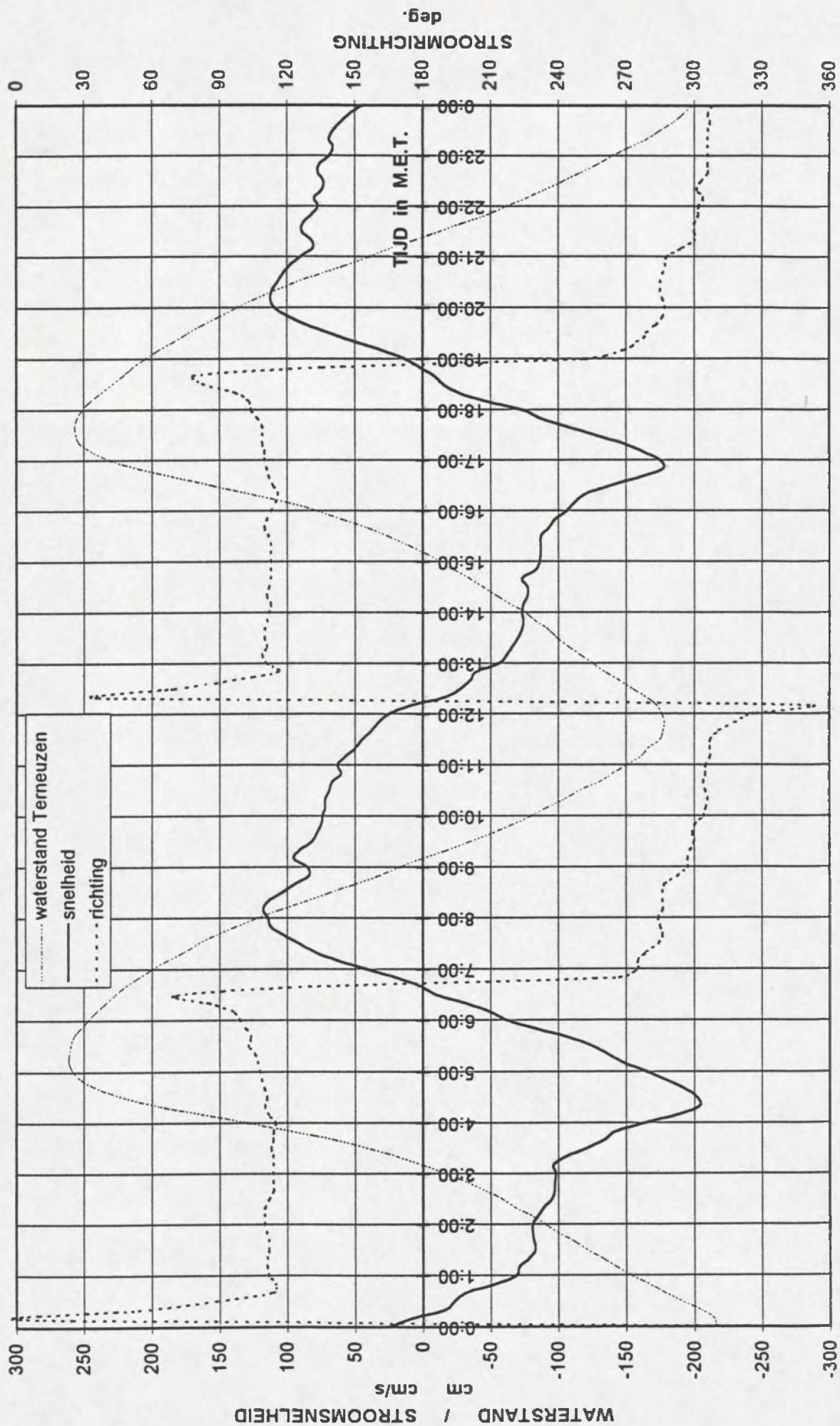
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15 augustus 1999



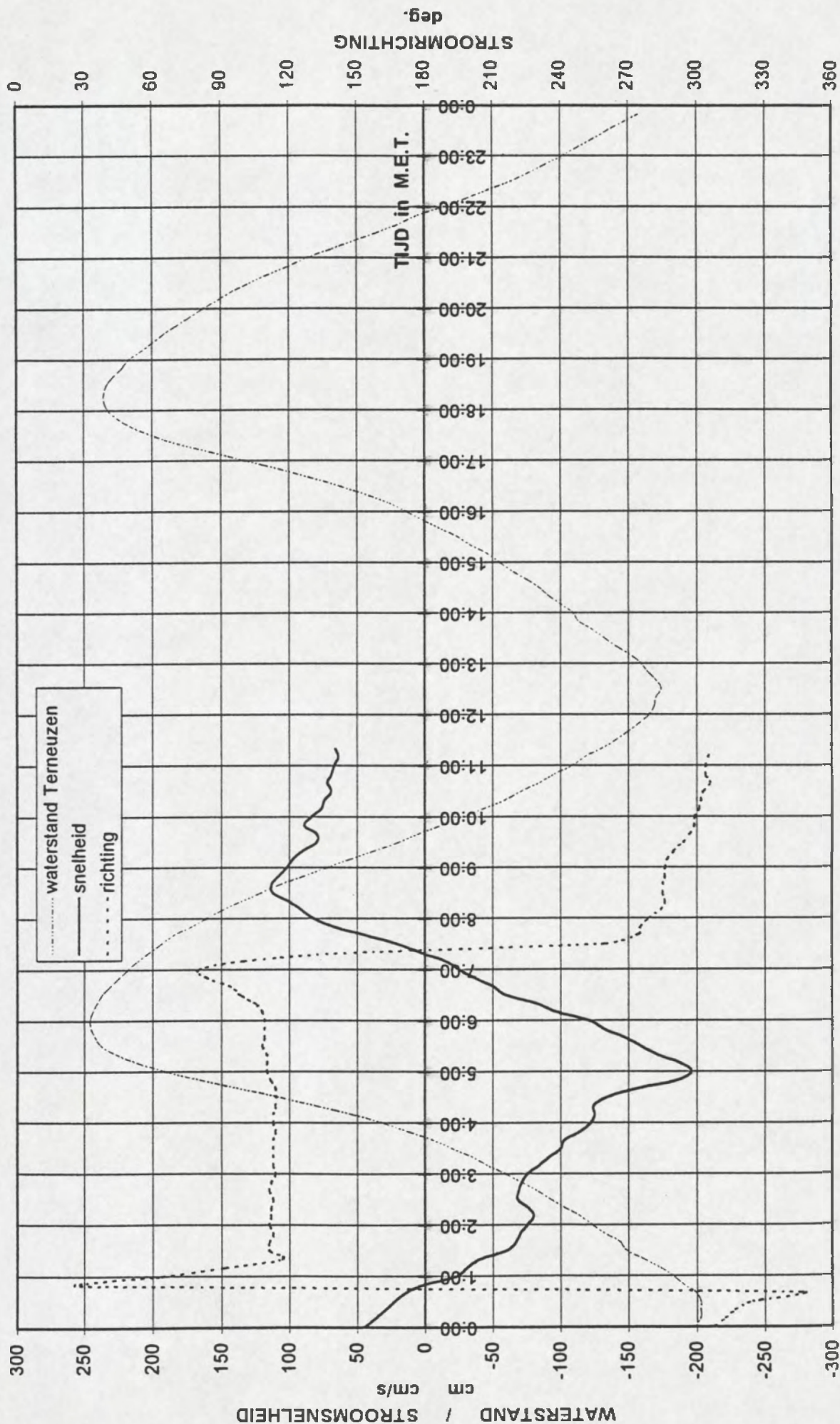
Debietraai 7 meetpunt OSM 2

16 augustus 1999



Debietraai 7 meetpunt OSM 2

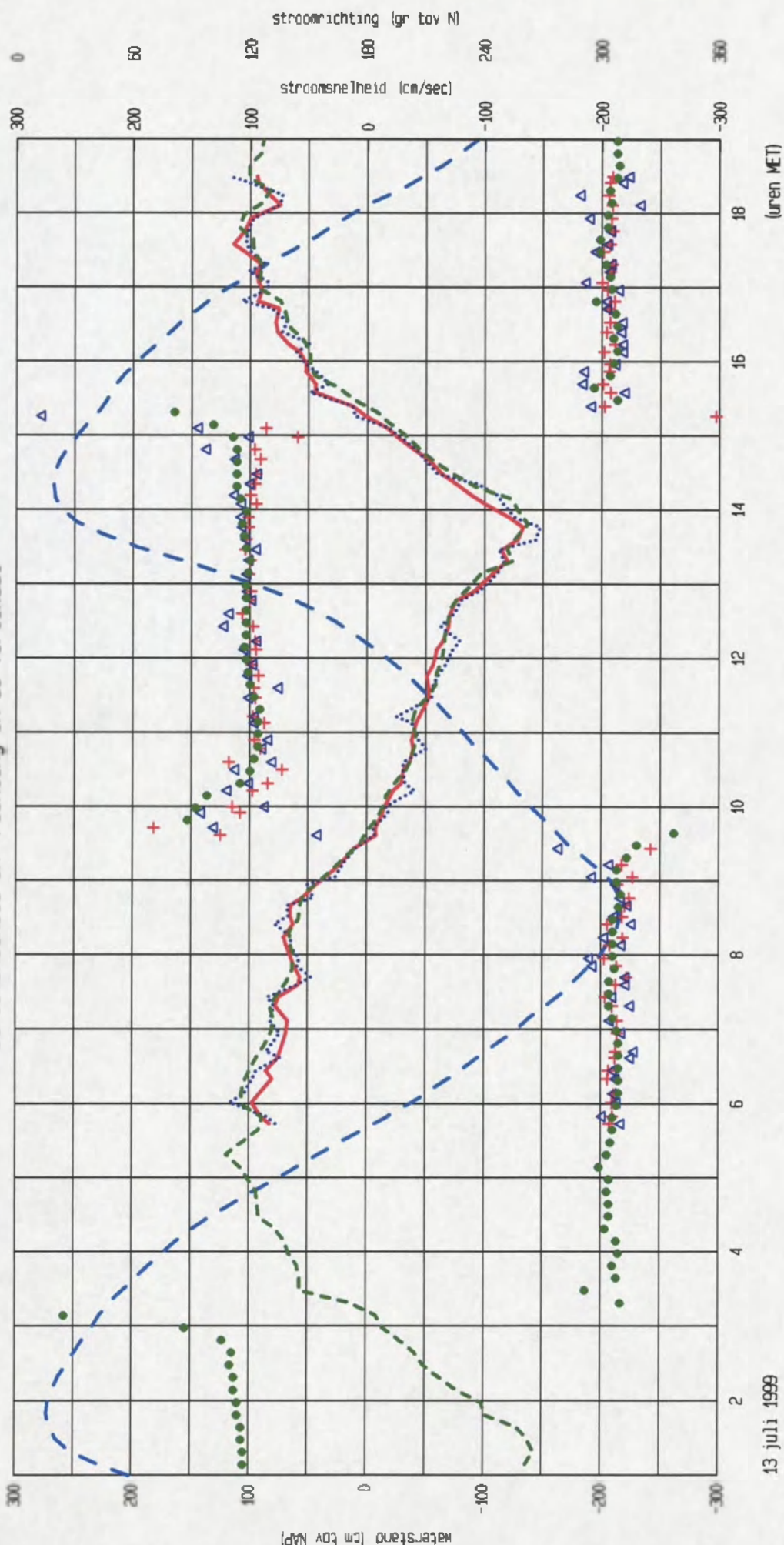
17 augustus 1999



19. Controlemetingen

Pas van Terneuzen Raai 7 dd 13 juli 1999

stroomsnelheid en -richting in de vertikaal

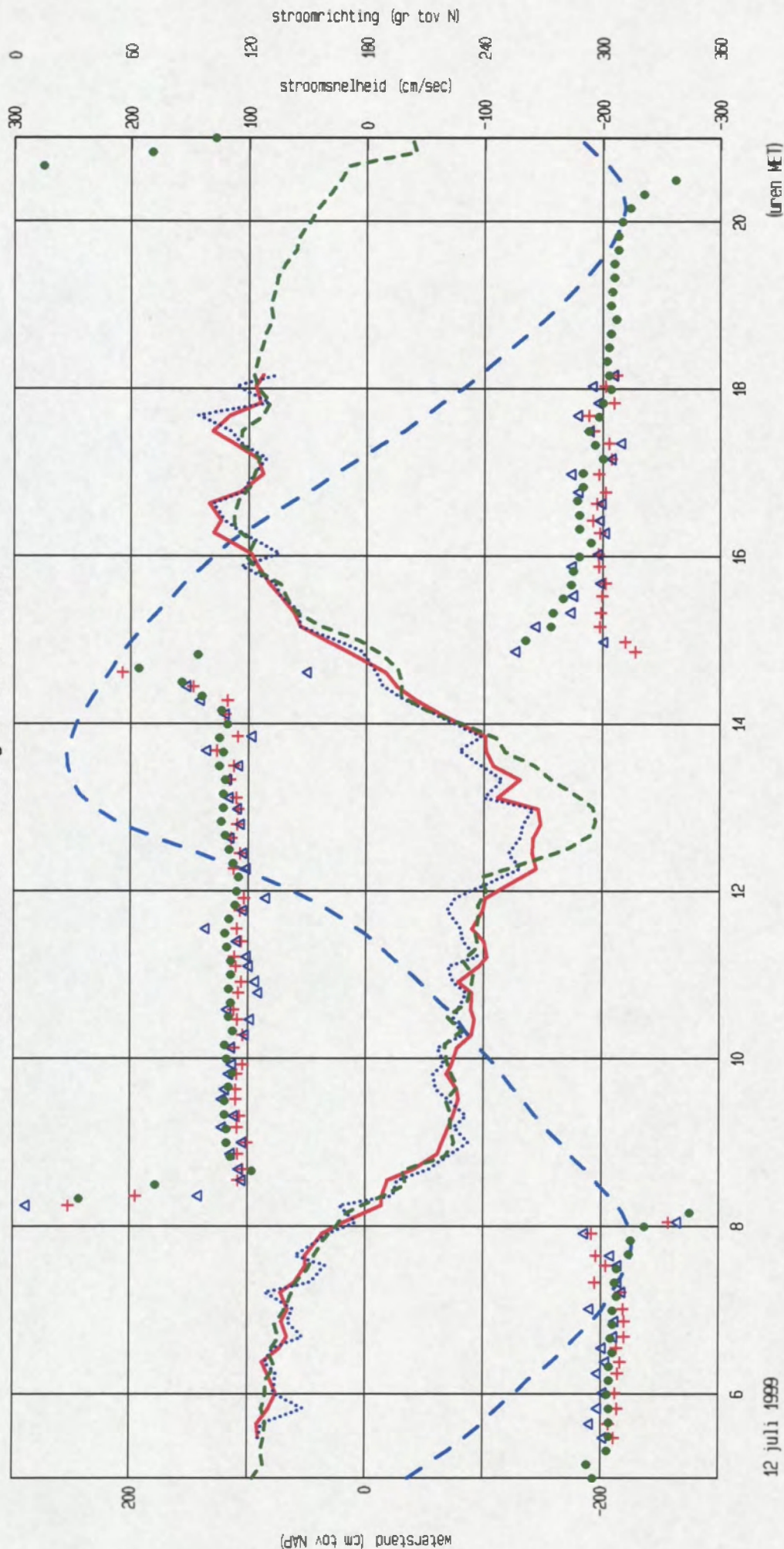


meetpunt : MP01
 positie : x = 43900
 y = 375330
 bodem : NAP - 14.93 m

- V gemiddeld mp MP01
- V bodem + 6.2 meter mp MP01
- - - LOKATIE OSM SNELHEID
- - - waterstand (cm tov NAP)
- + + R gemiddeld mp MP01
- △ △ R bodem + 6.2 meter mp MP01
- ● LOKATIE OSM RICHTING

Everingen Raai 7 dd 12 juli 1999

stroomsnelheid en -richting in de vertikaal



- V gemiddeld mp MP02
 - V bodem + 5.5 meter mp MP02
 - - - LOKATIE OSM SNELHEID
 - - - waterstand (cm tov NAP)
 - + + + R gemiddeld mp MP02
 - △ △ △ R bodem + 5.5 meter mp MP02
 - ● ● LOKATIE OSM RICHTING
- meetpunt : MP02
 positie : x = 44960
 y = 37750
 bodem : NAP - 19.29 m