

UNIVERSITEIT
BIBLIOTHEEK

3631

UNIVERSITE DE LIEGE

UNITE DE MODELISATION HYDRODYNAMIQUE

Prof. Jacques C.J. NIHOUL, Dr. François C. RONDAY

Sart Tilman B6

B 4000 LIEGE

MATHEMATISCH MODEL VAN DE ZEEWAARTSE

UITBOUW VAN DE HAVEN VAN ZEEBRUGGE

MOD 382

EIND RAPPORT

TEKST

Deelkontrakt 2, Jan. - Dec. 1978

UNIVERSITE DE LIEGE
UNITE DE MODELISATION HYDRODYNAMIQUE
Prof. Jacques C.J. NIHOUL, Dr. François C. RONDAY
Sart Tilman B6 B - 4000 LIEGE

3631

113964

MATHEMATISCH MODEL VAN DE ZEEWAARTSE
UITBOUW VAN DE HAVEN VAN ZEEBRUGGE
MOD 382

EIND RAPPORT

TEKST

INHOUDSTAFEL

<u>INLEIDING</u>	1
<u>HOOFDSTUK I. AANPASSING VAN HET WISKUNDIG MODEL MET MAZEN VAN 1000 METER.</u>	3
1.1. <u>IJking van het wiskundig model met mazen van 1000 meter</u>	3
1.1. 1. Randvoorwaarden	3
1.1. 2. Wijziging van de tijdsstap.	5
1.1. 3. Analyse van de resultaten	5
i) het verticale getij	5
ii) het horizontale getij	6
1.1. 4. Besluiten	7
1.2. <u>Invloed van de uitbouw van een nieuwe voorhaven te Zeebrugge op het regime van de horizontale en verticale getijden</u>	8
1.2. 0. Inleiding	8
1.2. 1. Referentietoestand.	9
1.2. 2. Toestand A.	10
1.2. 3. Toestand B.	11
1.2. 4. Toestand C.	12
1.2. 5. Toestanden D en E	13
1.2. 6. Besluiten	15
<u>HOOFDSTUK II. HET WISKUNDIG MODEL MET MAZEN VAN 500 METER VOOR DE OMGEVING VAN ZEEBRUGGE.</u>	16
2.1. <u>IJking van het wiskundig model met mazen van 500 meter.</u>	16
2.1. 1. Inleiding	16
2.1. 2. Rand- en beginvoorwaarden	16
2.1. 3. Analyse van de resultaten	17

2.2.	<u>Invloed van de uitbouw van een nieuwe voorhaven te Zeebrugge op het regime van de horizontale en vertikale getijden.</u>	19
2.2. 1.	Toestand A	19
2.2. 2.	Toestand B	20
2.2. 3.	Toestand C	21
2.2. 4.	Toestand D	22
2.2. 5.	Toestand E	23
2.2. 6.	Toestand F	24
2.2. 7.	Besluiten.	24

HOOFDSTUK III. IJ KING VAN HET FYSISCH MODEL 26

3.1.	<u>Inleiding</u>	26
3.2.	<u>Wiskundig model met dezelfde geometrie als het fysisch model</u>	26
3.2. 1.	Bathymetrie.	26
3.2. 2.	Randvoorwaarden.	27
3.2. 3.	Beginvoorwaarden	27
3.2. 4.	IJking van het model	28
3.3.	<u>Invloed van de "niet-debietsgeregelde" noordwestelijke hoek van het fysisch model</u>	28
3.4.	<u>Invloed van de Corioliskracht binnen het gebied bestreken door het fysisch model</u>	29
3.5.	<u>Besluiten</u>	30

<u>HOOFDSTUK IV. WISKUNDIG MODEL VAN DE WESTERSCHELDE MET</u>	
<u>MAZEN VAN 500 METER</u>	31
4.1. <u>Inleiding.</u>	31
4.2. <u>Wiskundig model van de Westerschelde met</u>	
<u>mazen van 500 meter.</u>	32
4.2. 1. Rand- en beginvoorwaarden	32
4.2. 2. IJking van het wiskundig model.	32
<u>BESLUITEN.</u>	34

INLEIDING

In het kader van deelkontrakt I werd een wiskundig model ontwikkeld met als doel de hydrodynamische wijzigingen, veroorzaakt door de uitbouw van een nieuwe voorhaven te Zeebrugge, te bestuderen.

Dit wiskundig model steunt op de hydrodynamische vergelijkingen geïntegreerd over de diepte, met andere woorden, het model geeft slechts gemiddelde snelheden over de diepte. Deze vergelijkingen worden vervolgens vereenvoudigd om door een computer te kunnen worden opgelost. De maaswijdte van het model bedraagt 1 km.

De ijking van het wiskundig model heeft aangetoond dat het verticale getij zeer goed wordt weergegeven; de stroomsnelheden daarentegen worden met dit model onderschat. Het model heeft echter wel mogelijk gemaakt een idee te verkrijgen van de grootte der zones die door de uitbouw van een nieuwe voorhaven te Zeebrugge zouden verstoord worden.

In deelkontrakt II, wordt de ijking van dit wiskundig model (met mazen van 1000 meter) opgesteld tijdens deelkontrakt I, voortgezet. Teneinde de ruimtelijke weergave te verbeteren, werd een model ontwikkeld met mazen van 500 meter om aldus beter rekening te kunnen houden met de vorm van de voorhaven en de vaargeulen.

Het fysisch tijmodel van de kust en het Scheldeëstuarium, opgebouwd door het waterbouwkundig laboratorium te Borgèrhout, kan geen rekening houden met de Corioliskracht. Er werd dan ook een wiskundig model opgesteld dat hetzelfde gebied bestrijkt als het fysisch model. Berekeningen met en zonder Corioliskracht laten toe de invloed te bestuderen van deze kracht op horizontaal en vertikaal getij.

Tenslotte werd een wiskundig model met mazen van 500 meter ontwikkeld voor de Westerschelde. De ijking van dit model zal voortgezet worden tijdens deelkontraakt III.

HOOFDSTUK I

AANPASSING VAN HET WISKUNDIG MODEL MET MAZEN VAN 1000 METER

1.1. IJking van het wiskundig model met mazen van 1000 meter

1.1. 1. Randvoorwaarden -----

In deelkontrakt I, werd het model met mazen van 1000 meter geijkt uitgaande van de hydrografische gegevens (vertikale getijwaarnemingen) van Rijkswaterstaat. De analyse der berekeningsresultaten voor de referentietoestand, toont aan dat de stroomsnelheden onderschat zijn. Deze afwijkingen tussen berekeningen en waarnemingen kunnen als volgt verklaard worden :

Voor de randvoorwaarden van het model werd uitgegaan van waterstandsgegevens.

Vanzelfsprekend bestaan er geen getijwaarnemingen voor alle grensknooppunten van het mazennet; de randvoorwaarden van het wiskundig model werden dan ook verkregen door interpolatie tussen de verschillende meetstations. Uit hydrodynamisch oogpunt is de belangrijkste modelbegrenzing deze aan de westzijde ter hoogte van Oostende. In deelkontrakt I werd voor het bepalen van de randvoorwaarden langs deze begrenzing uitgegaan van een interpolatie gevolgd door een extrapolatie tussen de twee waarnemingsstations Oostende en knikpunt 1. Uit deze benadering volgt een hydrodynamische herverdeling en een tekort aan inkomende of uitgaande energie ter hoogte van de westelijke grens.

In de onmiddellijke omgeving van deze begrenzing bestaan echter geen andere waarnemingsstations. Om rekening te houden met het energieverlies, voortvloeiend uit het feit dat het werkelijke waterstandsverloop langs deze grens niet overeenstemt met een lineaire interpolatie, werd de getijkromme voor het grensknooppunt het dichtst bij Oostende gelegen als volgt gewijzigd : uitgaande van de getijwaarnemingen in de meetstations Deurlo en Scheur 1 werd door extrapolatie een getijkromme verkregen in knooppunt (34,2) van de westelijke modelbegrenzing (fig. 1.1.1.).

Opmerking : De waarnemingen van Rijkswaterstaat en deze van de Dienst der Kust (Oostende) vertonen zekere afwijkingen. Meer bepaald te Oostende geven de belgische waarnemingen hogere hoogwaterstanden.

Voor de eerste berekeningen van deelkontraakt I werd het model gevoed met de reële waterstandsgegevens van 6 september. Met deze randvoorwaarden was het zeer moeilijk het juiste ogenblik te kennen waarop het model in regime was. Om deze moeilijkheden te vermijden, werd langsheen de open modelbegrenzings een periodische getijcyclus ingevoerd en om dit mogelijk te maken werden de waarnemingen van Rijkswaterstaat aan een Fourieranalyse onderworpen. Deze reeksontwikkeling werd na de zesde term afgebroken doch een vergelijking voor verschillende waarnemingsstations toont de goede overeenkomst aan tussen het waargenomen getij en het alzo bekomen harmonische signaal.

Aan elk der grenspunten wordt aldus een randvoorwaarde opgelegd van het type :

$$\xi(t) = \sum_{k=1}^6 \left\{ A_k \cos k\omega_0 t + B_k \sin k\omega_0 t \right\}$$

$$\text{met } \omega_0 = \frac{2\pi}{T_0} \quad \text{en} \quad T_0 = 24\text{h}30.$$

1.1. 2. Wijziging van de tijdsstap

Ten gevolge van vele proeven, werd vastgesteld dat zodra het stelsel in regime is, de tijdsstap kon vergroot worden zonder de stabiliteit te benadelen. De grootste berekeningstijdsstap, die geen instabiliteiten veroorzaakt, bedraagt ongeveer 45 seconden. Om een veiligheidsmarge te behouden werd gekozen voor

$$\Delta t = 40 \text{ sec.}$$

De methode laat toe de berekeningstijd aanmerkelijk in te korten : een getijcyclus van 24h30 wordt gesimuleerd in minder dan 60 minuten C.P.U. op een I.B.M. 370/158.

1.1. 3. Analyse van de resultaten

Om de kwaliteit van een model te testen is het nodig de resultaten van de berekeningen te vergelijken met de waarnemingen. Wij maken gebruik van dezelfde vergelijkingsstations (Fig. 1.1.1) voor de twee deelkontrakten (cfr. Eindrapport deelkontrakt I).

i) Het verticale getij

Voor de vergelijkingen van het berekende en waargenomen verticale getij, wordt uitgegaan van de gegevens van Rijkswaterstaat Deltadienst van 6 september 1975. Het referentiepeil is voor alle tijkrommen het N.A.P.

Daar de randvoorwaarden onderworpen werden aan een harmonische analyse, was het gepast op de waarnemingen van 6 september 1975 een analoge analyse uit te voeren.

De figuren van bijlage 1 tonen aan dat de overeenkomst tussen, de berekeningsresultaten enerzijds en het harmonisch signaal verkregen uit de reële gegevens anderzijds, bevredigend is.

In overleg met de Ingenieurs van het Ministerie van Openbare Werken, van TVZ2 en van Dredging International, werden ter vergelijking van de waarnemingen en de berekeningsresultaten een beperkt aantal meetpunten weerhouden. De prototypegegevens zijn afkomstig van de Dienst der Kust te Oostende. De benaderende ligging van de meetstations is aangegeven op Fig. 1.1.2.

Teneinde de vergelijking tussen waargenomen en berekende stroomsnelheden te vergemakkelijken, werd uit de getijcyclus van 24h30 het tweede getij geïsoleerd. De stroomrozen, stroomsnelheden en -richtingen worden weergegeven in bijlage 1, waarbij omwille van onvoldoende nauwkeurigheid op de waargenomen stroomsnelheden geen harmonische analyse werd toegepast. De stroomrichting is uitgedrukt in graden ten opzichte van het geografische noorden, en de amplitude in cm/sec.

De analyse der resultaten wordt vereenvoudigd door de vergelijkingspunten in twee grote groepen onder te verdelen.

- Voor de punten gelegen langsheen de begrenzing van het fysisch model (meetpunt 1 tot 10), is de overeenkomst tussen de berekende en waargenomen stroomsnelheden ter hoogte van de noordelijke en oostelijke grens van het fysisch model bevredigend te noemen. Wat betreft de westelijke grens, vertoont het wiskundig model een snelheidsroos waarvan de grote as meer verdraaid is ten opzichte van de kustring, dan deze van de waargenomen snelheidsroos. Deze afwijking moet een gevolg zijn van de weinig realistische randvoorwaarden (lineair waterstandsverloop) langsheen de westelijke begrenzing van het wiskundig model.
- Wat betreft de punten binnen het fysisch model gelegen (bijlage 1 en Fig. 1.1.2.), vertoont het wiskundig model in bepaalde punten stroomsnelheden die merkkelijk kleiner zijn dan deze der prototypewaarnemingen. (De beste resultaten worden verkregen met een chezycoëfficiënt van 68). Een gedeeltelijke verklaring voor de afwijkingen tussen berekeningsresultaten en waarnemingen kan gevonden worden in de weinig realistische randvoorwaarden langsheen de westelijke modelbegrenzing en in het diffusieve berekeningsschema.

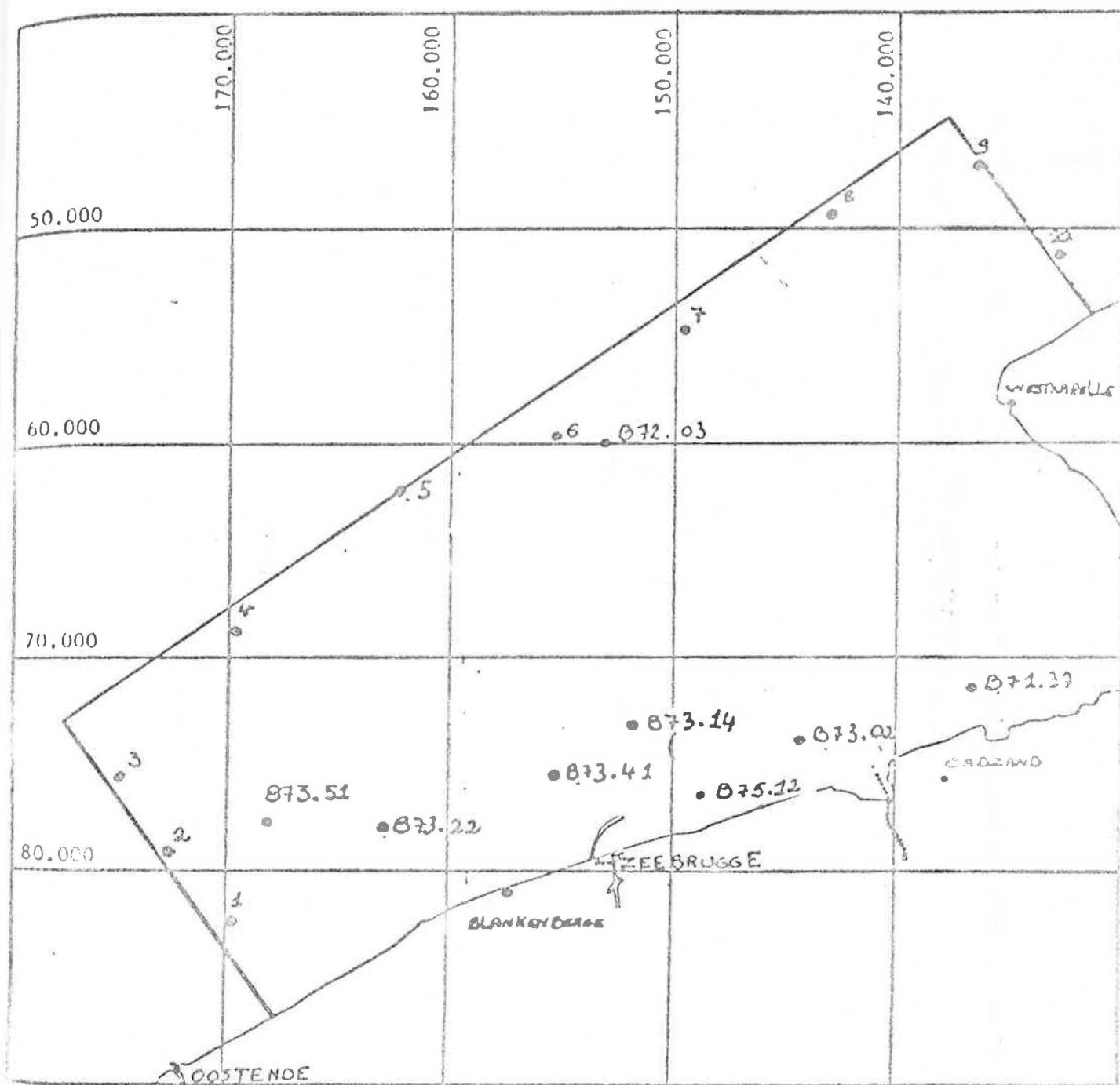


Fig. 1.1.2.

Vergelijkingsstations voor het horizontale getij
(model met mazen van 1.000 meter).

Opmerking :

De interpretatie der bestaande afwijkingen tussen berekeningsresultaten en prototype-waarnemingen wordt aanzienlijk bemoeilijkt omwille van volgende redenen :

- De modelresultaten geven gemiddelde snelheden over de diepte en over een oppervlakte van $(\Delta x)^2$, terwijl de prototype-waarnemingen lokale snelheden geven.
- De vergelijking gebeurt voor één der twee gesimuleerde getijden, terwijl de prototype-waarnemingen werden uitgevoerd bij een getij van gans andere oorsprong en datum.
- De fouten op de meetgegevens zijn niet of weinig gekend.

1.1. 4. Besluiten

De invoering van nieuwe randvoorwaarden langsheen de westelijke grens, verbetert in geringe mate de berekeningsresultaten voor het gebied in de onmiddellijke nabijheid van Zeebrugge. De verbetering is vooral merkbaar voor het vertikale getij. Voor de vergelijkingspunten die zich bevinden in de Scheldemonding, wordt ten opzichte van de resultaten, verkregen met de vroegere randvoorwaarden, geen verbetering waargenomen (cfr. Eindrapport - deelkontrakt I).

Daar de overeenkomst tussen de berekeningen en de waarnemingen, zowel wat het horizontale als wat het vertikale getij betreft, voldoening geeft, wordt het wiskundig model als geijkt beschouwd.

1.2. Invloed van de uitbouw van een nieuwe voorhaven te Zeebrugge op het regime van de horizontale en verticale getijden.

1.2. 0. Inleiding

Daar het wiskundig model geijkt is (§ 1.1), kunnen thans de hydrodynamische verstoringen veroorzaakt door de uitbouw van een nieuwe voorhaven te Zeebrugge bestudeerd worden

De gekozen ogenblikken voor de visuele voorstelling van de berekeningsresultaten zijn :

- maximum eb (t = - 7h)
- laagwater (t = - 6h)
- maximum vloed (t = - 0h30)
- en hoogwater (t = 0) te Zeebrugge

De parameters gekozen ter bepaling van de hydrodynamische wijzigingen zijn :

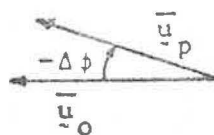
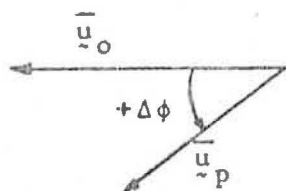
- i) $\Delta \xi$, zijnde het verschil tussen de verstoorde (ξ_p) en oorspronkelijke (ξ_o) waterstanden

$$\Delta \xi = \xi_p - \xi_o \quad \text{in cm}$$

- ii) $\Delta \bar{u}$, zijnde het verschil tussen de amplitudes (of modules) van de verstoorde ($\bar{u}_p$) en oorspronkelijke ($\bar{u}_o$) stroomsnelheden

$$\Delta \bar{u} = \bar{u}_p - \bar{u}_o \quad \text{in cm/sec}$$

- iii) $\Delta \phi$, zijnde de hoek van de snelheidsverdraaiing ten opzichte van de referentiestroming. Deze hoek wordt positief gerekend in de tegenuurwijzerzin vertrekkend van de richting van de oorspronkelijke stroming of referentiestroming



in graden

- iv) $100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$, zijnde de amplitude van de snelheidsverstoring in percentages.

Opmerkingen : - Voor de voorstelling van de resultaten, werden in de bijlagen de decimalen geschrapt.

Aldus is het bijvoorbeeld onmogelijk, op de figuren in bijlage, een snelheid van 61cm/sec en een snelheid van 69cm/sec van elkaar te onderscheiden, daar ze op de figuren uitgedrukt zijn in dm/sec : 6,1 = 6,9 = 6 .

- De analyse van de berekeningsresultaten, overeenkomstig de toestand met maximale wijzigingen aan de voorhaven te Zeebrugge en de vaargeulen (toestand C), heeft aangetoond (cfr. Eindrapport - Deelkontraakt I) dat de hydrodynamische verstoringen noch in de Schelde, noch langsheen de kusten van het eiland Walcheren voelbaar zijn (verschillen kleiner dan 2cm/sec of 1cm). In de bijlagen worden dan ook enkel de resultaten voor het gebied in de omgeving van Zeebrugge weergegeven.

1.2. 1. Referentietoestand

Alvorens de hydrodynamische verstoringen, veroorzaakt door de uitbouw van een voorhaven te Zeebrugge te bestuderen, past het (bijlage 2) de bathymetrie, de waterstanden en de stroomsnelheden voor de referentietoestand nader te omschrijven :

- De diepten zijn uitgedrukt in meter ten opzichte van het referentiepeil N.A.P.
- De gemiddelde stroomsnelheden over de diepte zijn uitgedrukt in decimeter per seconde.
- De waterstanden zijn uitgedrukt in decimeter en berekend ten opzichte van de middenzeestand. In eerste benadering kan deze gelijk verondersteld worden aan N.A.P.

1.2. 2. Toestand A

Deze toestand komt overeen met de uitbouw van een voorhaven van 2 km bij een breedte van 3 km (Bijlage 3). De analyse van de figuren in bijlage 3 toont aan dat de verstoringen snel afnemen naarmate men zich van Zeebrugge verwijderd.

Om de analyse van de resultaten der verschillende berekeningen te vereenvoudigen, worden in onderstaande tabel de maximale hydrodynamische verstoringen enerzijds in de omgeving van Zeebrugge, (oost- en westzijde van de haven) anderzijds in de omgeving van de belgisch-nederlandse grens, weergegeven.

TOESTAND A		$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/sec)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \bar{u}}{\bar{u}}$ (%)
eb	: <u>maximum eb</u>	W 0	W 0	W 0	W 0
	omg. Zeebrugge	-8 +12	-67 -40	63 -59	-89 -47
	B.-Nl.grens	2.5	- 2.5	0	-3
	<u>laagwater</u>				
	omg. Zeebrugge	-4 +6	-53 -31	64 -62	-88 -47
	B.-Nl.grens	0	- 2	0	-3
vloed	: <u>maximum vloed</u>				
	omg. Zeebrugge	+10 -13	-62 -102	68 (218)	-63 -98
	B.-Nl.grens	2	- 5.5	0	- 5
	<u>hoogwater</u>				
	omg. Zeebrugge	+8 -8	-55 -87	66 (185)	-60 -91
	B.-Nl.grens	2	- 5.5	0	- 6

() : duidt op de aanwezigheid van neervorming.

Bij hoogwater, valt aan de oostzijde van de voorhaven van Zeebrugge (kant Knokke) lichte neervorming op te merken. Dit verschijnsel is minder duidelijk bij maximum vloed.

1.2. 3. Toestand B

Deze toestand komt overeen met :

- i) een verdieping van de Pas van het Zand tot NAP -17,5 meter over een breedte van 650 meter ;
- ii) een verdieping van de Scheurpas (ten westen van de Pas van het Zand) tot NAP -17,5 meter over een breedte van 780 meter ;
- iii) een verdieping van de Scheurpas tussen de Pas van het Zand en Vlissingen over een breedte van 600 meter.
Deze verdieping werd bepaald op de volgende wijze :
Ter hoogte van de Scheur 3-boei wordt een diepte van NAP -16,5 meter, ter hoogte van Vlissingen een diepte van NAP -15 meter verondersteld.
Een lineaire interpolatie tussen deze twee waarden wordt gebruikt om de nieuwe diepten te berekenen in het Scheur tussen de Pas van het Zand en Vlissingen.
- iv) Een verzanding van de Appelzak met 1 meter tussen de haven van Zeebrugge en de belgisch-nederlandse grens over een breedte van 1 km.

In bijlage 4, worden naast de gewijzigde bathymetrie tevens de hydrodynamische wijzigingen voor de vloedreferentie-ogenblikken weergegeven. De analyse van de verschillende figuren laat toe de volgende besluiten te trekken :

TOESTAND B	Maximale wijzigingen			
	$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/sec)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \eta}{\bar{u}_0}$ (%)
SCHEUR				
- maximum eb	0	- 5	+ 2	- 5
- maximum vloed	0	- 3	- 2	- 3
PAS VAN HET ZAND				
- maximum eb	0	-14	+ 3	-18
- maximum vloed	0	-12	- 3	-13
APPELZAK				
- maximum eb	-3	- 2	3	- 3
- maximum vloed	0	- 3	2	- 3

Opmerking : - De stroomkaarten, voor de referentietoestand (bijlage 2), tonen aan dat de ogenblikken van hoog- en laagwater te Zeebrugge overeenstemmen met de ogenblikken van kentering voor de punten gelegen nabij Walcheren. Dit verklaart waarom de percentages der snelheidswijzigingen aldaar zo groot zijn.

1.2. 4. Toestand C

Deze toestand stemt overeen met de aanpassing van de voorhaven én van de vaargeulen. Omwille van de niet-lineariteit der vergelijkingen, kan het superpositiebeginsel hier niet worden toegepast, met andere woorden :

Wijzigingen bij toestand C $\neq$ wijzigingen bij toestand A
+
wijzigingen bij toestand B

De analyse van de figuren in bijlage 5 toont aan dat de verstoringen snel afnemen naarmate men zich van Zeebrugge verwijdt. De maximale hydrodynamische wijzigingen worden weergegeven in onderstaande tabel.

TOESTAND C		$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/s)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)
eb	: <u>maximum eb</u>	W 0	W 0	W 0	W 0
	Omg.				
	Zeebrugge	-7 +11	-67 -44	64 -58	-89 -51
	B.-Nl. grens	2	-3.5	0	-4
	<u>laagwater</u>				
	Omg.				
vloed	: <u>maximum vloed</u>				
	Omg.				
	Zeebrugge	+10 -12	-62 -105	68 (212)	-63 -99
	B.-Nl. grens	-2	-8	0	-7
	<u>hoogwater</u>				
	Omg.				
	Zeebrugge	+7 -8	-55 -86	66 (187)	-60 -90
	B.-Nl. grens	0	-8	0	-8.5

() : duidt op de aanwezigheid van neervorming.

Voor de punten die zich in de onmiddellijke omgeving van Zeebrugge bevinden, zijn de verschillen tussen de berekeningstoestanden A en C erg klein. In de Appelzak daarentegen zijn de hydrodynamische wijzigingen belangrijker bij toestand C dan bij toestand A.

1.2. 5. Toestanden D en E

Op aanvraag van de nederlandse vertegenwoordiger, Ingenieur Bakker, werd voor twee berekeningstoestanden de invloed van een viscositeitsterm in het model bestudeerd.

- i) Toestand D is identiek aan de referentietoestand doch met viscositeitsterm van de vorm :

$$A_h \cdot \left(\frac{\partial^2 \bar{u}_i}{\partial x_1^2} + \frac{\partial^2 u_i}{\partial x_2^2} \right) \quad i = 1, 2$$

met $A_h = 10^3 \text{ m}^2/\text{sec}$.

De viscositeitscoëfficiënt A_h vloeit voort uit de schuifkracht door de stroming uitgeoefend in een vertikaal vlak. Het was noodzakelijk deze te overschatten om zijn belang beter tot uiting te doen komen.

In de volgende tabel, worden de maximale verschillen weergegeven tussen toestand D en de referentietoestand.

<u>TOESTAND D</u>		$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/s)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)
eb	: <u>maximum eb</u>	W 0	W 0	W 0	W 0
	omg. Zeebrugge	2 -1	-14 -13	-1 4	-19 -28
	omg. Scheldemonding Vlissingen	18	-25	23	-18
vloed	: <u>maximum vloed</u>				
	omg. Zeebrugge	-1 3	-15 -23	-4 -2	-15 -21
	omg. Scheldemonding Vlissingen	-14	-22	-1	-13

Deze resultaten werden afgeleid uit de figuren van bijlage 6.

In de Westerschelde, nemen de verschillen tussen toestand D en de referentietoestand snel toe daar men zich verwijderd van de opgewekte krachten : te Borssele bijvoorbeeld, vermindert de verticale getijamplitude met 65 cm.

Op zee, is de invloed van de viscositeitsterm beperkt : hij tracht de getijamplitude en de stroomsnelheden te verkleinen. Wat betreft het interessegebied (omgeving van Zeebrugge), kan gesteld dat de horizontale viscositeitsterm bijna geen rol speelt, daar de reële viscositeitscoëfficiënt 50 tot 100 maal kleiner is dan deze die gebruikt werd voor de berekeningstoestand D.

- ii) Toestand E is identiek aan toestand C doch met viscositeitsterm

$$A_h \left(\frac{\partial^2 \bar{u}_i}{\partial x_1^2} + \frac{\partial^2 \bar{u}_i}{\partial x_2^2} \right) \quad i = 1, 2$$

met $A_h = 10^3 \text{ m}^2/\text{sec.}$

Om de verschillen tussen toestanden E en D te visualiseren, wordt in onderstaande tabel een synthese gegeven van de figuren van bijlage 7.

TOESTAND E ten opzichte van toestand D		$\Delta \xi$ (cm)		$\Delta \bar{u}$ (cm/s)		$\Delta \phi$ (graden)		$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)	
eb	: maximum eb omg.	W	0	W	0	W	0	W	0
	Zeebrugge	-11	+14	-53	-41	64	-60	-87	-56
	B.-Nl. grens	2		-4.5		0		-5	
vloed	: maximum vloed omg.								
	Zeebrugge	+13	-19	-58	-72	68	-59	-69	-86
	B.-Nl. grens	-3		-7.5		0		-8	

TOESTAND C	$\Delta \xi$ (cm)		$\Delta \bar{u}$ (cm/s)		$\Delta \phi$ (graden)		$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)	
	W	O	W	O	W	O	W	O
eb : <u>maximum eb</u>								
omg. Zeebrugge	-7	+11	-67	-44	64	-58	-89	-51
B.-Nl.grens		2		-3.5		0		-4
<u>laagwater</u>								
omg. Zeebrugge	-3	+5	-52	-35	65	-61	-87	-54
B.-Nl.grens		0		-3.5		358=-2°		-5
vloed: <u>maximum vloed</u>								
omg. Zeebrugge	+10	-12	-62	-105	68	(212)	-63	-99
B.-Nl.grens		-2		-8		0		-7
<u>hoogwater</u>								
omg. Zeebrugge	+7	-8	-55	-86	66	(187)	-60	-90
B.-Nl.grens		0		-8		0		-8.5

(): duidt op de aanwezigheid van neervorming.

De vergelijking tussen de tabellen overeenkomstig de toestanden C en E laat toe te stellen dat de aanwezigheid van de viscositeitsterm voor het horizontale getij een lichte afname, voor het vertikale getij een lichte toename van de hydrodynamische verstoringen, voortvloeiend uit de uitbouw van een voorhaven te Zeebrugge, voor gevolg heeft.

1.2. 6. Besluiten

De analyse der verschillende berekeningsresultaten toont aan dat de aanpassingen aan de voorhaven van Zeebrugge en de vaargeulen niet voelbaar zijn op de Schelde, noch langsheen de kusten van het eiland Walcheren (verschillen kleiner dan 1 cm of 1 cm/sec).

Langsheen de belgische kust, zijn de wijzigingen van het horizontale en vertikale getij geconcentreerd in de omgeving van Zeebrugge. De verstoringen nemen zeer snel af naarmate men zich van Zeebrugge verwijderd. Zo zijn de hydrodynamische verstoringen aan de belgisch-nederlandse grens slechts van de orde van 2 cm en 8 cm/sec, bij toestand C.

Deze verschillen zijn belangrijker dan deze berekend ten tijde van deelkontraakt I. Dit vloeit voort uit de volgende feiten :

- i) de randvoorwaarde te Oostende is verschillend.
- ii) het model is nu volledig in regime (in deelkontraakt I was dit onmogelijk te controleren, daar de uitwendige krachten niet periodiek waren).

HOOFDSTUK II

HET WISKUNDIG MODEL MET MAZEN VAN 500 METER

VOOR DE ONGEWING VAN ZEEBRUGGE

2.1. IJking van het wiskundig model met mazen van 500 meter

2.1. 1. Inleiding

Het model met mazen van 1000 meter, ontwikkeld in hoofdstuk I, laat toe de grootte te bepalen van de zone die beïnvloed wordt door de uitbouw van een nieuwe voorhaven te Zeebrugge, doch kan geen rekening houden met de werkelijke vormgeving van de voorhaven en de passen.

In dit hoofdstuk wordt getracht de weergave van voorhaven en passen nauwkeuriger in te brengen, door de ruimtelijke integratiestap te verkleinen tot 500 meter. Door echter de oorspronkelijke ruimtestap te halveren wordt de bezetting van het computergeheugen vermenigvuldigd met vier, terwijl de rekentijd, nodig om één getij te simuleren, vermenigvuldigd wordt met acht. Om technische redenen (uitgebreidheid van het computergeheugen en rekenkosten) diende het gebied, bestreken door het model met mazen van 500 meter dan ook beperkt te worden.

In hoofdstuk I werd aangetoond dat de hydrodynamische verstoringen, veroorzaakt door de uitbouw van een nieuwe voorhaven te Zeebrugge, zeer snel afnemen naarmate men zich van Zeebrugge verwijderd. Aangezien de nauwkeurigheid van de berekeningen slechts van de orde is van 2 cm of 2 cm/sec, kan het mazennet van het nieuwe model zich dan ook beperken tot een rechthoek van 30 x 17 km, waarbij Zeebrugge in het midden van de langste zijde gelegen is. (Fig. 2.1.1.). Langsheen de open modelgrenzen wordt verondersteld dat de hydrodynamische verstoringen, veroorzaakt door de uitbouw der voorhaven, verwaarloosbaar zijn.

2.1. 2. Rand- en beginvoorwaarden

i) De bepaling van de randvoorwaarden, voor het model met mazen van 500 meter stelt weinig problemen, daar het mazennet van 500 meter een onderverdeling is van het mazennet van 1000 meter.

De oplossing van de bewegingsvergelijkingen maakt de keuze van een berekeningstijdsstap noodzakelijk. Voor het algoritme gebruikt in deze berekeningen moet de tijdsstap minstens voldoen aan volgende ongelijkheid :

$$\Delta t < \frac{\Delta x}{\sqrt{2gh}}$$

met Δx als ruimtelijke integratiestap, g de zwaartekracht en h de werkelijke diepte. Rekening houdend met een veiligheidsfactor, werd een tijdsstap gekozen van 20 seconden.

Om de berekeningstijd op minder dan één uur C.P.U. te houden (het aantal programredoorgangen van meer dan één uur C.P.U. is aan de universiteit van Luik beperkt tot 1 of 2 maal per week), werd gekozen voor een periodiek getij van 12h30, zijnde de periode begrepen tussen de ogenblikken $t = 7h$ en $t = 20h$ van de cyclus van 24h30 van het grote model. Het getij opgelegd aan de grenzen van het kleine model (met mazen van 500 meter) is een cyclisch getij van de vorm :

$$\xi(t) = \xi_0 + \sum_{k=1}^3 (A_k \cos k\omega_0 t + B_k \sin k\omega_0 t)$$

$$\text{met } \omega_0 = \frac{2\pi}{T_0} \quad \text{en} \quad T_0 = 12h30$$

ii) Beginvoorwaarden

Teneinde het aantal iteraties, nodig voor het instellen van een regimetoestand, te verminderen, werd de berekening gestart met een realistisch verloop der beginvoorwaarden. Hier-voor werd uitgegaan van de resultaten van het grote model met mazen van 1000 meter : door lineaire interpolatie worden de $\bar{u}$, $\bar{v}$ en ξ -waarden ter plaatse van de knooppunten van het model met mazen van 500 meter verkregen. Deze techniek laat toe een regimetoestand in te stellen op een halve getijcyclus.

2.1. 3. Analyse van de resultaten

Om de vergelijking tussen beide simulaties (model met mazen van 500 meter respectievelijk 1000 meter), te vergemakkelijken werden enkele representatieve punten uitgekozen. (Fig. 2.1.2.)

Een vergelijking tussen de resultaten (zie bijlage 8) toont aan dat er slechts kleine verschillen bestaan tussen beide simulaties, zowel wat het horizontale als wat het verticale getij betreft.

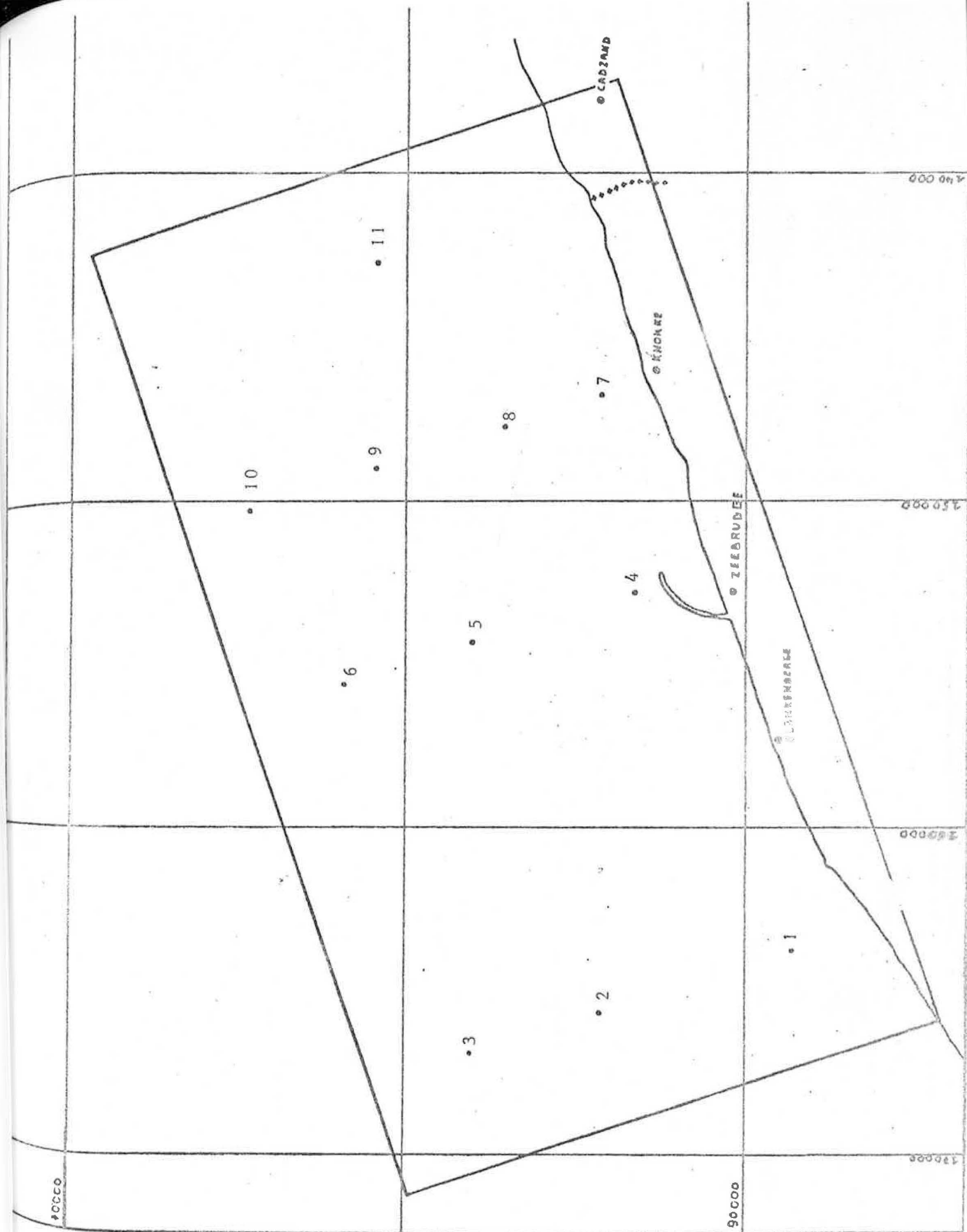


Fig. 2.1.2.

Vergelijkingsstations voor het horizontale en vertikale getij (model met mazen van 500 meter).

Bijgevolg verbetert het model met gereduceerde mazen heel lichtjes de resultaten van het groot model voor de referentietoestand. Dit verschijnsel kan gemakkelijk verklaard worden: de randvoorwaarden van het model met mazen van 500 meter zijn afgeleid van de resultaten van de uitgevoerde berekeningen met het model met mazen van 1000 meter.

Alvorens de hydrodynamische verstoringen, veroorzaakt door de uitbouw van een nieuwe voorhaven te Zeebrugge, te bestuderen, worden in bijlage 8 naast de bathymetrie (ten opzichte van N.A.P.), tevens de waterstanden en stroomsnelheden voor de referentietoestand weergegeven.

2.2. Invloed van de uitbouw van een nieuwe voorhaven te Zeebrugge op het regime van de horizontale en verticale getijden

2.2. 1. Toestand A

Deze toestand komt overeen met een uitbouw van de voorhaven van Zeebrugge van 1.750 m uit de bestaande môle. De verfijning van het mazennet staat toe op een meer realistische wijze rekening te houden met de vorm van de voorhaven. De eerste figuur van bijlage 9 toont de bathymetrie van het gebied en de vorm van de voorhaven van Zeebrugge. De volgende figuren geven de verstoringen weer van het horizontale en verticale getij (ten opzichte van de referentietoestand).

Om de analyse van de berekeningsresultaten te vereenvoudigen, worden in onderstaande tabel de maximale hydrodynamische verstoringen enerzijds aan oost- en westzijde van de haven van Zeebrugge anderzijds ter hoogte van de belgisch-nederlandse grens, weergegeven.

<u>TOESTAND A</u>		$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/sec)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)
eb	<u>: maximum eb</u>	W 0	W 0	W 0	W 0
	omg.				
	Zeebrugge	-5 +10	-67 -46	68 64	-89 -65
	B.-Nl. grens	0	-2	0	-7
	<u>laagwater</u>				
	omg.				
	Zeebrugge	-3 +7	-59 -42	68 -65	-87 -68
	B.-Nl. grens	0	-2	0	-7
vloed	<u>: maximum vloed</u>				
	omg.				
	Zeebrugge	+9 -8	-50 -101	67 (214)	-80 -9
	B.-Nl. grens	0	-4	0	-6
	<u>hoogwater</u>				
	omg.				
	Zeebrugge	+4 -2	-39 -76	63 (176)	-80 -8
	B.-Nl. grens	0	-3	0	-6

() : duidt op de aanwezigheid van neervorming.

Bij vloed, valt aan de oostzijde van de haven van Zeebrugge (kant Knokke) lichte neervorming op te merken.

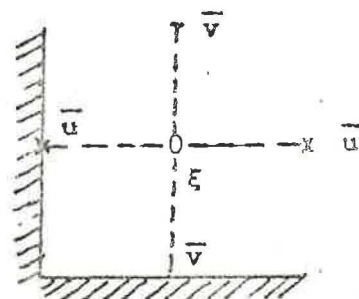
Deze toestand komt overeen met de volgende aanpassingen :

- De Pas van het Zand is verdiept tot NAP -17.5 over een breedte van 650 m. Het oostelijk talud heeft een helling van $1/65$ en het westelijk talud een helling van $1/75$.
- De Scheurpas is verdiept
richting zee tot NAP -17.5 over een breedte van 650m.
De taluds hebben een helling van $2/100$.
richting Vlissingen, zie § 1.2.3.
- Zandaanvulling van 800 m^3 per strekkende meter strand in de Appelzak over een breedte van 500 meter tussen Zeebrugge en het Zwin.

In bijlage 10, worden naast de gewijzigde bathymetrie tevens de hydrodynamische wijzigingen weergegeven voor vier referentieogenblikken. De analyse van deze figuren laat toe volgende gevolgtrekkingen te maken.

TOESTAND B	Maximale wijzigingen			
	$\Delta \xi$ (cm)	$\Delta \bar{u}$ (cm/sec)	$\Delta \phi$ (graden)	$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)
SCHEUR				
- maximum eb	0	- 8	+ 5	- 8
- maximum vloed	0	- 7	- 5	- 8
PAS VAN HET ZAND				
-maximum eb	0	-18		-23
-maximum vloed	2	-18	- 6	-18
APPELZAK				
- maximum eb	-2	-28	-64	-89
- maximum vloed	0	- 6	5	- 7

Opmmerking : Bij maximum eb valt het kustknooppunt, gelegen aan de oostzijde van de voorhaven van Zeebrugge, droog : men zou aldus moeten hebben $100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0} = 100 \%$. Tengevolge van de structuur van het mazennet is de verstoorde snelheid, berekend in het ξ -punt echter niet nul, daar het $\bar{v}$ -punt, boven dit ξ -punt gelegen niet droog valt (de diepte in dit $\bar{v}$ -punt bedraagt 3,5 m)



2.2. 3. Toestand C

Deze toestand komt overeen met een aanpassing van de voorhaven (§ 2.2.1.) én van de vaargeulen (§ 2.2.2.). Volgens de niet-lineariteit van de vergelijkingen, kan het superpositiebeginsel hier niet worden toegepast.

De analyse van de figuren in bijlage 11 laat toe de maximale hydrodynamische verstoringen te bepalen.

TOESTAND C		$\Delta \xi$ (cm)		$\Delta \bar{u}$ (cm/sec)		$\Delta \phi$ (graden)		$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)	
eb	:maximum eb omg.	W	0	W	0	W	0	W	0
	Zeebrugge	-5	+7	-67	-61	67	-61	-89	-82
	B.-Nl. grens laagwater omg.	0		0		-7		0	
	Zeebrugge	-3	+5	-59	-54	67	-53	-87	-86
	B.-Nl. grens	0		0		-7		0	
vloed	:maximum vloed omg.								
	Zeebrugge	+9	-7	-50	-103	67	(217)	-80	-94
	B.-Nl. grens hoogwater omg.	-2		6		-3		-9	
	Zeebrugge	+4	-2	-38	-76	63	(184)	-80	-88
	B.-Nl. grens	0		6		-2		-13	

() : duidt op de aanwezigheid van neervorming.

Opmerking : In de oostelijke hoek van de nieuwe haven te Zeebrugge, worden zeer sterke verstoringen van het verticale en horizontale getij waargenomen. Dit wordt verklaard door het feit dat dit punt bij laagwater en maximum eb droog valt.

2.2. 4. Toestand D

Deze toestand komt overeen met volgende aanpassingen

- uitbouw van de voorhaven
- verdieping van de Pas van het Zand tot NAP - 15.5 : taluds (zie toestand B)
- verdieping van de Scheurpas
richting zee tot NAP - 15.5
richting Vlissingen (zie § 1.2.3.).

De analyse van de figuren in bijlage 12 laat toe de maximale hydrodynamische verstoringen, voortvloeiend uit de uitbouw van een nieuwe voorhaven, te bepalen.

TOESTAND D		$\Delta \xi$ (cm)		$\Delta \bar{u}$ (cm/sec)		$\Delta \phi$ (graden)		$100 \cdot \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)	
eb	: <u>maximum eb</u> omg.	W	0	W	0	W	0	W	0
	Zeebrugge	-5	+9	-67	-45	67	-64	-89	-64
	B.-Nl. grens <u>laagwater</u> omg.	0		0		0		-5	
	Zeebrugge	-3	+7	-59	-42	67	-65	-87	-67
	B.-Nl. grens	0		0		0		-5	
vloed	: <u>maximum vloed</u> omg.								
	Zeebrugge	+9	-8	-50	-101	67	(206)	-80	-95
	B.-Nl. grens <u>hoogwater</u> omg.	0		-3		0		-5	
	Zeebrugge	+4	-2	-38	-76	63	(176)	-80	-88
	B.-Nl. grens	0		-3		0		-6	

() : duidt op de aanwezigheid van neervorming.

Opmerking : toestand D kan beschouwd worden als referentie-toestand wanneer men de invloed wil bestuderen van de werken, die zullen uitgevoerd worden tussen Zeebrugge en de belgisch-nederlandse grens.

2.2. 5. Toestand E

Deze toestand is identiek aan toestand D, doch met een zandaanvulling in de Appelszak (zie blz 20), en een plotse aanpassing van de diepte om de aanwezigheid van een krib weer te geven.

Deze simulatie wordt uitgevoerd zonder enige wijziging aan het berekeningsprogramma : de breedte van de krib bedraagt aldus 500 meter.

De analyse van de figuren in bijlage 13 laat toe de maximale hydrodynamische verstoringen te bepalen ten opzichte van toestand D.

<u>TOESTAND E</u>		$\Delta \xi$ (cm)		$\Delta \bar{u}$ (cm/sec)		$\Delta \phi$ (graden)		$100. \frac{\Delta \bar{u}}{\bar{u}_0}$ (%)	
eb	<u>:maximum eb</u>	W	0	W	0	W	0	W	0
	omg.								
	Zeebrugge	0	0	0	-6	0	5	0	-28
	B.-Nl. grens	2			-7		-5		-27
	<u>laagwater</u>								
	omg.								
	Zeebrugge	0	0	0	-5	0	5	0	
	B.-Nl. grens	2			-7		-5		-27
vloed	<u>:maximum vloed</u>								
	omg.								
	Zeebrugge	0	0	0	0	0	3	0	-7
	B.-Nl. grens	-2			-28		-5		-45
	<u>hoogwater</u>								
	omg.								
	Zeebrugge	0	0	0	0	0	2	0	-6
	B.-Nl. grens	0			-21		-3		-48

Wanneer het water over de krib stroomt, heeft men achter de krib eerst een daling, vervolgens een stijging van het waterpeil : er is aldus geen enkele tegenspraak met de waarnemingen bij een verdronken overlaat.

Ook hier worden in de oostelijke hoek van de voorhaven van Zeebrugge zeer grote hydrodynamische verstoringen waargenomen (zie blz 21).

2.2. 6. Toestand F

Deze toestand is identiek aan toestand D met zandaanvulling in de Appelzak (zie blz 20) en aanwezigheid van een krib.

Teneinde rekening te houden met een realistische breedte voor de krib werd de logica van het programma, voor het berekenen van de snelheden evenwijdig met de kust, gewijzigd. Ter hoogte van de krib wordt de berekening van deze snelheden gebaseerd op de klassieke formules van de verdronken overlaat. Dergelijke berekening leidt echter tot onsamenvangende resultaten. Deze mislukking kan verklaard worden door het feit dat de formules voor een verdronken overlaat werden opgesteld voor permanente stroming.

2.2. 7. Besluiten

Alvorens de berekeningsresultaten in detail te bespreken lijkt het nuttig de invloed van de verfijning van het mazen-net op de grootte en de voortplanting van de hydrodynamische verstoringen te bestuderen.

i) Toestand A

Door de verbeterde weergave van de voorhaven van Zeebrugge wordt de voortplanting van de hydrodynamische verstoringen gevoelig gewijzigd. In het model met mazen van 500 meter worden de grote verstoringen ($\Delta \bar{u}$, $\Delta \phi$, enz..) sterker gedempt dan in het model met mazen van 1000 meter. Op grote afstand daarentegen zijn de verstoringen groter.

ii) Toestand B

In het model met mazen van 500 meter worden de Scheurpas en Pas van het Zand beter weergegeven. Wat betreft de Appelzak, veroorzaakt de overgang van een model met mazen van 1000 meter naar een model met mazen van 500 meter sterke wijzigingen van de diepte ter hoogte van de kust. Daaruit zullen onvermijdelijk belangrijke verschillen voortvloeien wat betreft de hydrodynamische verstoringen.

De analyse van de verschillende **berekeningstoestanden** van het model met mazen van 500 meter laat toe volgende besluiten te trekken :

i) De wijziging van de geometrie van de voorhaven van Zeebrugge veroorzaakt belangrijke hydrodynamische verstoringen, doch deze nemen snel af naarmate men zich van Zeebrugge verwijderd. In toestand C, waarin de meeste hydraulische werken vervat zitten, bedraagt de vermindering van de stroomsterkte in de omgeving van de belgisch-nederlandse grens 7 cm/sec.

ii) De aanpassing van de bathymetrie in de vaargeulen veroorzaakt slechts een lichte hydrodynamische verstoring in het Scheur en de Pas van het Zand (toestanden B, C, D, E).

In de Appelzak veroorzaakt de aanpassing van de bathymetrie zeer belangrijke wijzigingen ter hoogte van de kust nabij de nieuwe voorhaven. Dit is een gevolg van het feit dat de waterdiepte er, na zandvulling van 800 m^3 per strekkende meter in de Appelzak, bij halftij kleiner is dan 1m.

iii) De ontworpen krib in de nabijheid van de belgisch-nederlandse grens heeft een zeer lokale invloed. De hydrodynamische verstoringen voortvloeiend uit de bouw van de krib zijn van de orde van 2 cm voor het verticale getij en van 25 cm/sec voor het horizontale getij.

HOOFDSTUK III

IJKING VAN HET FYSISCH MODEL

3.1. Inleiding

Het waterbouwkundig laboratorium te Borgerhout heeft een fysisch model ontwikkeld om de hydrodynamische verstoringen te bestuderen die voortvloeien uit de uitbouw van een nieuwe voorhaven te Zeebrugge. Wat betreft de gedetailleerde beschrijving van dit model wordt de lezer verwezen naar het rapport MOD.265/2 van het laboratorium te Borgerhout.

Zoals bekend is het erg moeilijk de Corioliskracht in een fysisch model weer te geven ; daarentegen, kan een wiskundig model hier gemakkelijker rekening mee houden. Daarom wordt de invloed van de Corioliskracht op het getijregime, in het gebied bestreken door het fysisch model ,bepaald, uitgaand van een wiskundig model.

3.2. Wiskundig model met dezelfde geometrie als het fysisch model

3.2. 1. Bathymetrie

Bij de opbouw van een wiskundig model, is de eerst uit te voeren taak het opmaken van een diepteraster. De ruimtelijke integratiestap is hierbij gelijk aan 1.000 meter.

De bathymetrische gegevens (referentiepeil M.A.P.) zijn afgeleid van de hydrografische kaarten van de Studiedienst Vlissingen en de Dienst der Kust Oostende (cfr. deelkontraakt1). Het mazennet is georiënteerd volgens de open begrenzingen van het fysisch model.

3.2. 2. Randvoorwaarden

In deelkontrakt I, was het gesimuleerde getij niet periodiek, daar werd uitgegaan van de natuurgegevens geleverd door Rijkswaterstaat. Niettegenstaande de aantrekkelijkheid van het simuleren van een reëel getij, werd er in deelkontrakt II de voorkeur aan gegeven te werken met periodieke getijden, daar deze techniek toelaat gemakkelijker na te gaan of het stelsel al dan niet in regime is. Aan de grenzen van het groot model (cfr. deelkontrakt I) en het klein model (model met dezelfde geometrie als het fysisch model) worden aldus periodieke randvoorwaarden opgelegd. Het gekozen getij is dit van 6 september 1975 met een tijdsduur van 12h30 min, begrepen tussen 7h30 en 20h. De berekeningsresultaten van het groot model worden opgeslagen op magnetische band alvorens te worden behandeld. De simulatie omvat drie getijperiodes waarvan twee om het stelsel in regime te brengen.

Daar aan de randen van het fysisch model een debietswet wordt opgelegd, zullen de tijberekeningen uitgevoerd worden met een wiskundig model dat eveneens onderworpen werd aan debietsrandvoorwaarden. Deze worden afgeleid van de resultaten van het groot wiskundig model.

Ter hoogte van Vlissingen is het tweedimensioneel wiskundig model gekoppeld aan het ééndimensioneel model van de Schelde (rapport MOD 331-1 van Borgerhout).

3.2. 3. Beginvoorwaarden

Wanneer een wiskundig model onderworpen wordt aan randvoorwaarden op de snelheden (of debieten) is de keuze van de beginvoorwaarden niet meer willekeurig : verscheidene berekeningen hebben aangetoond dat ze moeten overeenstemmen met de opgelegde randvoorwaarden.

Om deze beginvoorwaarden te bekomen, wordt gebruik gemaakt van een kunstgreep : het horizontale en vertikale getij wordt berekend met behulp van een wiskundig model dat onderworpen wordt aan waterstands-randvoorwaarden. Hetzelfde wordt gedaan voor het ééndimensioneel model 331. Wanneer deze modellen in regime zijn, worden de berekeningsresultaten opgeslagen op magnetische band. Deze techniek laat toe de beginvoorwaarden te bekomen die overeenstemmen met de randvoorwaarden op de snelheden.

3.2. 4. Ijking van het kleine model

Uitgaande van het groot model (cfr. hoofdstuk I) werden de resultaten van het klein model vergeleken met deze van het groot model. De analyse van de figuren in bijlage 14 laat toe te stellen dat de verschillen bestaand tussen de twee berekeningen gering zijn. Deze afwijkingen zijn minimaal wanneer voor het klein model een chezycoëfficiënt van 65 gebruikt wordt.

N.B. : A : berekening met het groot model

B : berekening met het kleine model.

3.3. Invloed van de "niet-debietsgeregelde" noordwestelijke hoek van het fysisch model.

Bij de aanvang van de ijkingfase van het fysisch model werd in de noordwestelijke hoek van het model geen debietsverloop opgelegd. Het debiet dat normaal langs deze hoek in- en uit het model moest stromen, werd (onder driehoekige vorm) herverdeeld langs de westelijke begrenzing van het model. Om de invloed van deze gewijzigde randvoorwaarden op het hydraulische regime te bepalen werd het getij van 6 september 1975, periodiek verondersteld, gesimuleerd met het wiskundig model beschreven in dit hoofdstuk. De kenmerken eigen aan dit model zijn voor deze proef :

- i) afwezigheid van de Corioliskracht
- ii) het afsluiten van de noordwestelijke hoek van het model om aldus de niet-debietsgeregelde hoek van het fysisch model weer te geven. Het debietsverloop dat oorspronkelijk op deze plaats werd opgelegd, wordt onder driehoekige vorm herverdeeld langs de open westelijke begrenzing van het model.

In bijlage 15, worden de hydrodynamische verstoringen veroorzaakt door deze hoek weergegeven op $t = LW-1$, LW , $LW+1$, $HW-1$, $HW+1\frac{1}{2}$ h.

Na analyse van deze figuren kan gesteld dat de verstoringen veroorzaakt door deze hoek snel afnemen naarmate men zich ervan verwijdt. De grootte die het meest gevoelig is aan de aanwezigheid van deze hoek is de snelheid geïntegreerd over de diepte.

Bij hoogwater $+1\frac{1}{2}$ h , heeft men :

$$\frac{\Delta U}{U} = 17 \% \quad , \quad |\Delta z| = 2 \text{ cm} \quad , \quad \Delta \phi = 9^\circ$$

voor het punt het dichtst bij Zeebrugge gelegen.

(M.B. $HW + 1\frac{1}{2}$ h ligt in de omgeving van kentering).

3.4. Invloed van de Corioliskracht binnen het gebied bestreken door het fysisch model

Om de invloed van de Corioliskracht te bepalen in het gebied bestreken door het fysisch model, werd het getij van 6 september 1975, periodiek verondersteld, gesimuleerd met en zonder de Corioliskracht. Het gebruikte wiskundig model werd beschreven in § 3.2.

In bijlage 16 worden de horizontale en verticale getijden, berekend met en zonder Coriolistterm, vergeleken. De analyse van de figuren in bijlage 16 laat toe te stellen dat de verschillen die bestaan tussen de twee simulaties gering zijn. (De opgelegde randvoorwaarden zijn onderworpen aan de invloed van de Coriolistterm).

Te Zeebrugge, wordt de getijamplitude door de invoering van de Corioliskracht gereduceerd met 15 cm (op 444 cm). Voor een punt dat zich nabij Blankenberge bevindt wordt de snelheid maximaal herleid met 5 cm/sec.

Bijgevolg kan besloten worden dat de Corioliskracht bijna geen rol speelt in het gebied bestreken door het fysisch model.

3.5. Besluiten

Het gebruik van het wiskundig model, met dezelfde geometrie als het fysisch model te Borgerhout, heeft het mogelijk gemaakt aan te tonen dat de niet-debietsgeregelde noordwestelijke hoek van het fysisch model de snelheden licht verstoord ter hoogte van Zeebrugge, en dat de Corioliskracht het verticale getij (15 cm op de amplitude) en het horizontale getij (5 cm/sec op de snelheid) weinig beïnvloedt in het gebied nabij Zeebrugge.

HOOFDSTUK IV

WISKUNDIG MODEL VAN DE WESTERSCHELDE MET

MAZEN VAN 500 METER

4.1. Inleiding

In deelkontrakt I, werd voor de berekening van het horizontale en het vertikale getij op de Schelde uitgegaan van een tweedimensioneel en een ééndimensioneel wiskundig model. Het tweedimensionele model was beperkt tot stroomopwaarts Terneuzen en gekenmerkt door een mazennet van 1 kilometer.

De getijdesimulatie van 6 september heeft toegelaten de berekeningsresultaten te vergelijken met de waarnemingen. Voor het vertikale getij is de overeenkomst waarneming-berekening bevredigend (cfr. deelkontrakt I). Voor het horizontale getij was het zeer moeilijk om de berekende en waargenomen stroomsnelheden te vergelijken wegens de weinig realistische weergave van de vaargeulen en de zandbanken.

In deelkontrakt II, werd een nieuwe matrix voor de diepten opgesteld (referentiepeil N.A.P.) groter en beter georiënteerd dan de voorgaande, om het estuarium van de Westerschelde (van Vlissingen tot Doel) volledig te bestrijken. De lengte van het mazennet bedraagt $114 \times 500\text{m}$ ($j = 1,229$) en de breedte $33 \times 500\text{m}$ ($i = 1,67$). Deze opstelling van een nieuw dieptenrooster (zie bijlage 16) is gesteund op de kaarten van de Studiedienst Vlissingen (Rijkswaterstaat) en van de Antwerpse Zeediensten :

Hydrografische kaarten

Bron : Antwerpse Zeediensten.

1. <u>Schelde</u> Saaftinge - Doel	1976	1/10.000
------------------------------------	------	----------

Bron : Rijkswaterstaat Studiedienst Vlissingen

1. <u>Westerschelde</u>	vak 1	1976/1977	1/10.000
2. <u>Westerschelde</u>	vak 2	1976	1/10.000
3. <u>Westerschelde</u>	vak 3	1977	1/10.000
4. <u>Westerschelde</u>	vak 4	1976	1/10.000
5. <u>Westerschelde</u>	vak 5	1976	1/10.000
6. <u>Westerschelde</u>	vak 6	1976	1/10.000
7. <u>Mond Westerschelde</u>	vak 18	1976	1/10.000

4.2. Wiskundig model van de Westerschelde met mazen van 500 meter

4.2. 1. Rand- en beginvoorwaarden

i) Randvoorwaarden

Langsheen de westelijke begrenzing van het model wordt het vertikale getij berekend door een lineaire interpolatie tussen de waarnemingen te Vlissingen en te Breskens (Station B15).

Het tweedimensionele model is automatisch gekoppeld aan het ééndimensionele model van de Westerschelde ter hoogte van Doel (zijnde de sectie Z30 van het model MOD-333-1 van het laboratorium van Porgerhout).

ii) Beginvoorwaarden

In alle punten van beide wiskundige modellen wordt opgelegd :

$$\bar{u} = \bar{v} = \xi = 0$$

en $t = 0$

4.2. 2. IJking van het wiskundig model

In afwachting van een numeriek schema van de tweede orde voor de advectietermen werd het getij van 11 mei 1971 gesimuleerd met een wiskundig model zonder advectietermen.

Om rekening te houden met de invloed van de bathymetrie en het zoutgehalte van het water op de wrijvingscoëfficiënt werd de coëfficiënt van Chezy aangepast. In eerste benadering werd het gebied, bestreken door het wiskundig model onderverdeeld in zeven stukken, binnen dewelke de coëfficiënt van Chezy konstant verondersteld werd. Hierbij werd uitgegaan van de coëfficiënten gebruikt in het één-dimensionele model en werden bij vloed en bij eb verschillende Chezy-coëfficiënten opgelegd.

In bijlage 17, worden naast de vergelijking tussen waargenomen en berekend vertikaal getij tevens de stroomvectoren weergegeven.

De analyse van deze figuren laat toe te stellen dat de overeenstemming inzake vertikaal getij bevredigend is. Wat betreft het horizontale getij lijken de stroomsnelheden te zwak.

De ijking van dit model zal onder deelkontrakt III worden voortgezet.

BESLUITEN

1. Aanpassing van het model met mazen van 1.000 meter

In deelkontrakt II, wordt de ijking van het wiskundig model ontwikkeld tijdens deelkontrakt I, voortgezet. De invoering van nieuwe randvoorwaarden langsheen de westelijke grens, verbetert in geringe mate de berekeningsresultaten voor het gebied in de onmiddellijke nabijheid van Zeebrugse. Voor de vergelijkingspunten die zich bevinden in de monding van de Westerschelde, wordt ten opzichte van de resultaten, verkregen met de vroegere randvoorwaarde, geen verbetering waargenomen.

Daar de overeenkomst tus en de berekeningen en de waarnemingen, zowel wat het horizontale als wat het vertikale getij betreft, voldoening geeft, wordt het wiskundig model van Zeebrugge als geijkt beschouwd.

2. Berekening van de hydrodynamische verstoringen voortvloeiend uit de uitbouw van de voorhaven van Zeebrugge met een wiskundig model met mazen van 1.000 meter.

De analyse der verschillende berekeningsresultaten toont aan dat de aanpassingen aan de voorhaven en de vaargeulen niet voelbaar zijn op de Schelde, noch langsheen de kusten van het eiland Walcheren (verschillen kleiner dan 1 cm of 1 cm/s).

Langsheen de belgische kust, nemen de wijzigingen van het horizontale en vertikale getij zeer snel af naarmate men zich van Zeebrugge verwijderd. Bij toestand 0, zijn de hydrodynamische verstoringen aan de belgisch-nederlandse grens van de orde van 2 cm en 8 cm/s.

De hydrodynamische verstoringen zijn belangrijker dan deze berekend ten tijde van deelkontrakt I. Dit vloeit voort uit de volgende feiten :

- i) de randvoorwaarde te Oostende is verschillend
 - ii) het wiskundig model is nu volledig in regime (in deelkontrakt I was dit onmogelijk te controleren, daar de uitwendige krachten niet periodiek waren).
3. Berekening van de hydrodynamische verstoringen voortvloeiend uit de uitbouw van de voorhaven te Zeebrugge met een wiskundig model met mazen van 500 meter

Alvorens de berekeningsresultaten in detail te bespreken lijkt het nuttig de invloed van de verfijsing van het mazen-net op de grootte en de voortplanting van de hydrodynamische verstoringen te bestuderen.

i) Toestand A

Door de verbeterde weergave van de voorhaven van Zeebrugge wordt de voortplanting van de hydrodynamische verstoringen gevoelig gewijzigd. De grote verstoringen ($\Delta \bar{u}$, $\Delta \phi$, enz..) worden sterker gedempt in het model met mazen van 500 meter. Op grote afstand daarentegen zijn de verstoringen groter.

ii) Toestand B

In het model met mazen van 500 meter worden de Scheurpas en Pas van het Zand beter weergegeven. Wat betreft de Appelzak, veroorzaakt de overgang van een model met mazen van 1.000 meter naar een model met mazen van 500 meter sterke wijzigingen van de diepte ter hoogte van de kust. Daaruit zullen onvermijdelijk belangrijke verschillen voortvloeien wat betreft de hydrodynamische verstoringen.

De analyse van de verschillende berekeningsstoestanden laat toe volgende besluiten te trekken :

- i) De wijziging van de geometrie van de voorhaven van Zeebrugge veroorzaakt belangrijke hydrodynamische verstoringen, doch deze nemen snel af naarmate men zich van Zeebrugge verwijderd. In toestand C, waarin de meeste hydraulische werken vervat zitten, bedraagt de vermindering van de stroomsterkte in de omgeving van de belgisch-nederlandse grens 7 cm/sec.
- ii) De aanpassing van de bathymetrie in de vaargeulen veroorzaakt slechts een lichte hydrodynamische verstoring in het Scheur en de Pas van het Zand (toestanden B, C, D, A).

In de Appelzak veroorzaakt de aanpassing van de bathymetrie zeer belangrijke wijzigingen ter hoogte van de kust nabij de nieuwe voorhaven. Dit is een gevolg van het feit dat de waterdiepte er, na zandaanvulling van 800 m^3 per strekkende meter in de Appelzak, bij halftij kleiner is dan 1 m.

- iii) De ontworpen krib in de nabijheid van de belgisch-nederlandse grens heeft een zeer lokale invloed. De hydrodynamische verstoringen voortvloeiend uit de bouw van de krib zijn van de orde van 2 cm voor het verticale getij en van 25 m/sec voor het horizontale getij.

4. IJking van het fysisch model

Het gebruik van een wiskundig model met dezelfde geometrie als het fysisch model van Borgerhout, toont aan dat :

- i) de niet-debietsgeregelde noordwestelijke hoek van het fysisch model de snelheden ter hoogte van Zeebrugge slechts weinig verstoord ;
- ii) de Corioliskracht weinig invloed heeft op het verticale getij (15 cm op de amplitude) en het horizontale getij (5 cm/sec op de snelheid) in de omgeving van Zeebrugge.

5. Wiskundig model met mazen van 500 meter voor de Westerschelde

Na het dieptenrooster en het rekenschema te hebben opgesteld werd het getij van 11 mei 1971 gesimuleerd met een wiskundig model zonder advectietermen.

De eerste resultaten tonen aan dat het vertikale getij goed wordt weergegeven. Wat betreft het horizontale getij lijken de stroomsnelheden te zwak.

De ijking van dit model zal onder deelkontraakt III worden voortgezet.

* * *

Liège, de 23ste Maart 1979

Ir. José OZER

Dr. François RONDAY

Prof. Jacques C.J. NIHOUL.

BIBLIOTHEEK

3631

UNIVERSITE DE LIEGE

UNITE DE MODELISATION HYDRODYNAMIQUE

Prof. Jacques C.J. NIHOUL, Dr. François C. RONDAY

Sart Tilman B6

B 4000

LIEGE

MATHEMATISCH MODEL VAN DE ZEEWAARTSE

UITBOUW VAN DE HAVEN VAN ZEEBRUGGE

MOD 382

EIND RAPPORT

BIJLAGEN

Deelkontrakt 2, Jan. - Dec. 1978

03000

UNIVERSITE DE LIEGE
UNITE DE MODELISATION HYDRODYNAMIQUE
Prof. Jacques C.J. NIHOUL, Dr. François C. RONDAY
Sart Tilman B6 B - 4000 LIEGE



113974

MATHEMATISCH MODEL VAN DE ZEEWAARTSE
UITBOUW VAN DE HAVEN VAN ZEEBRUGGE
MOD 382

EIND RAPPORT

BIJLAGEN

07-09

B I J L A G E I

Ijkingsresultaten.

Model met mazen van 1.000 m
na aanpassing randvoorwaarden

_____ waarnemingen (voor de tijkrommen
het harmonische signaal)

..... berekeningen

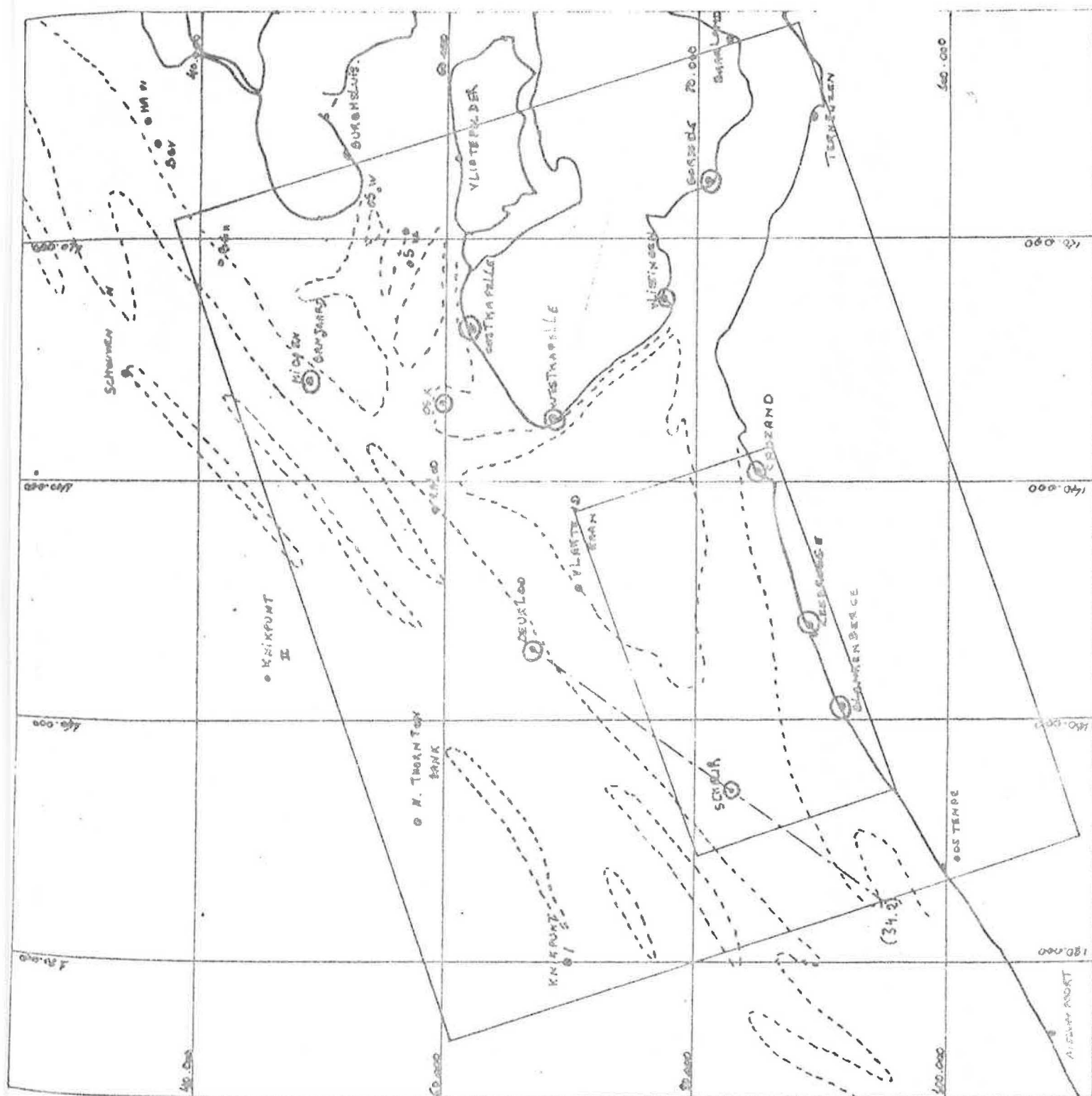
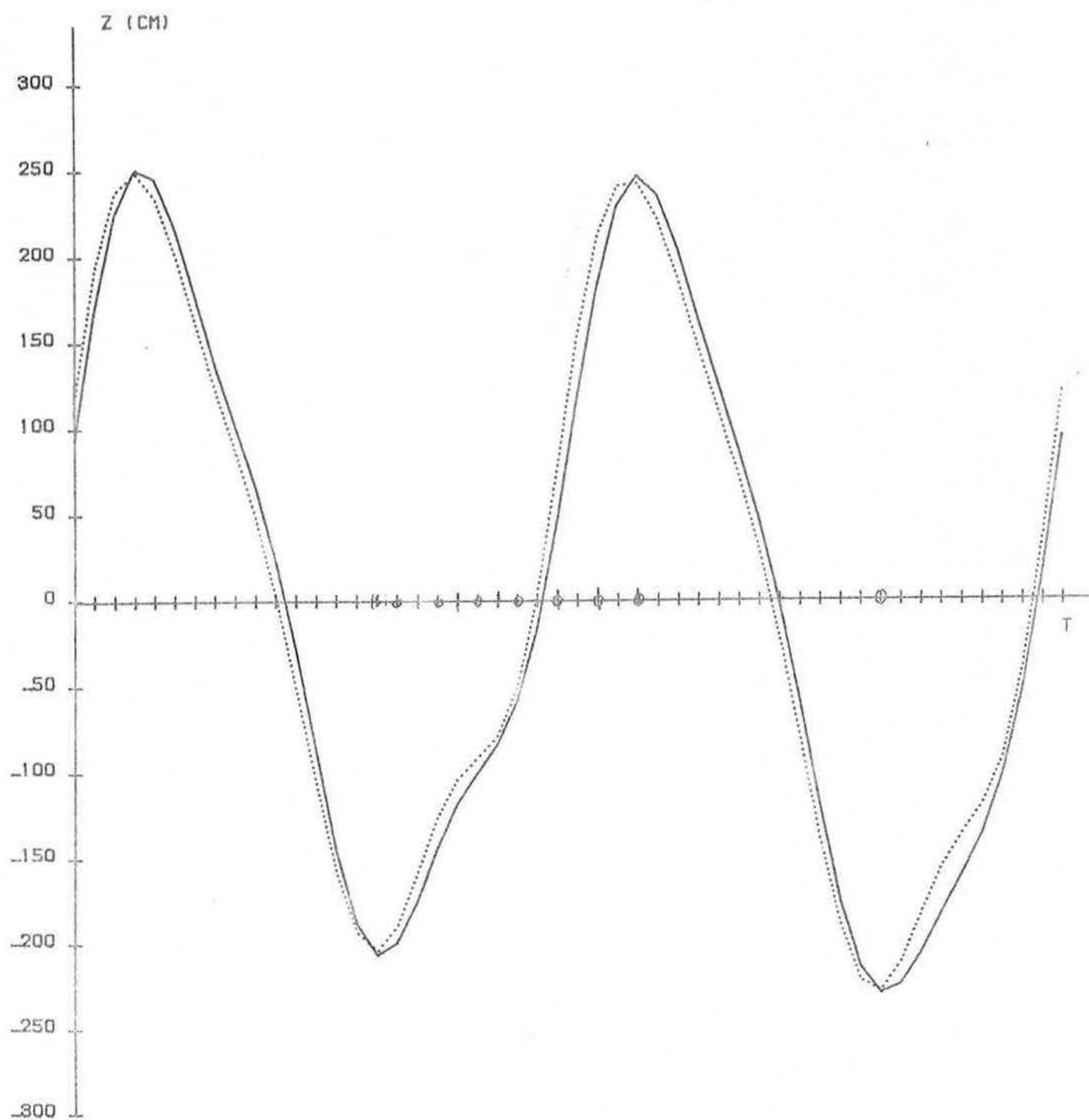


Fig. 1.1.1.

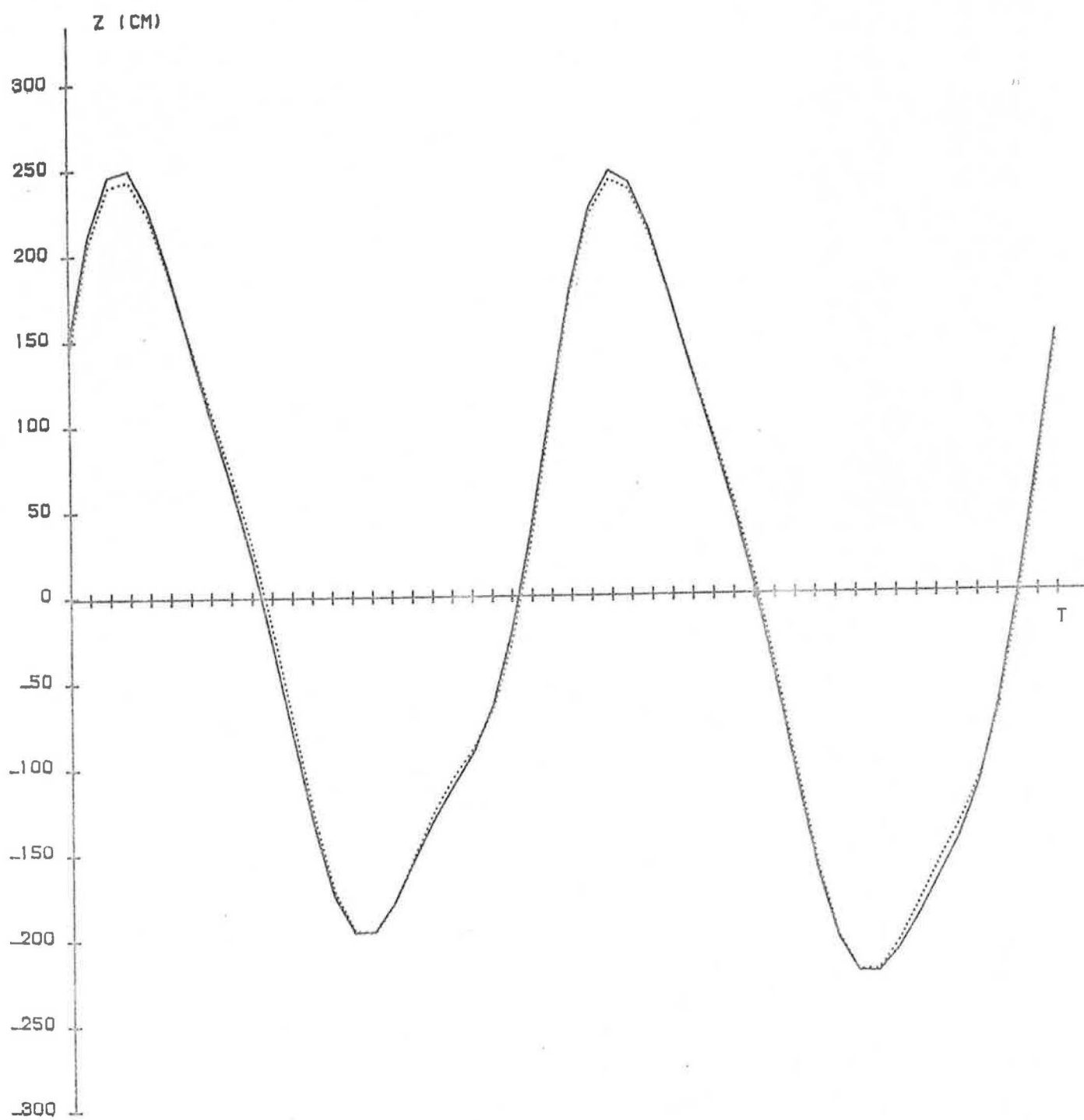
Vertikale getijden : vergelijking tussen de

MEETPUNT : ZEEBRUGGE



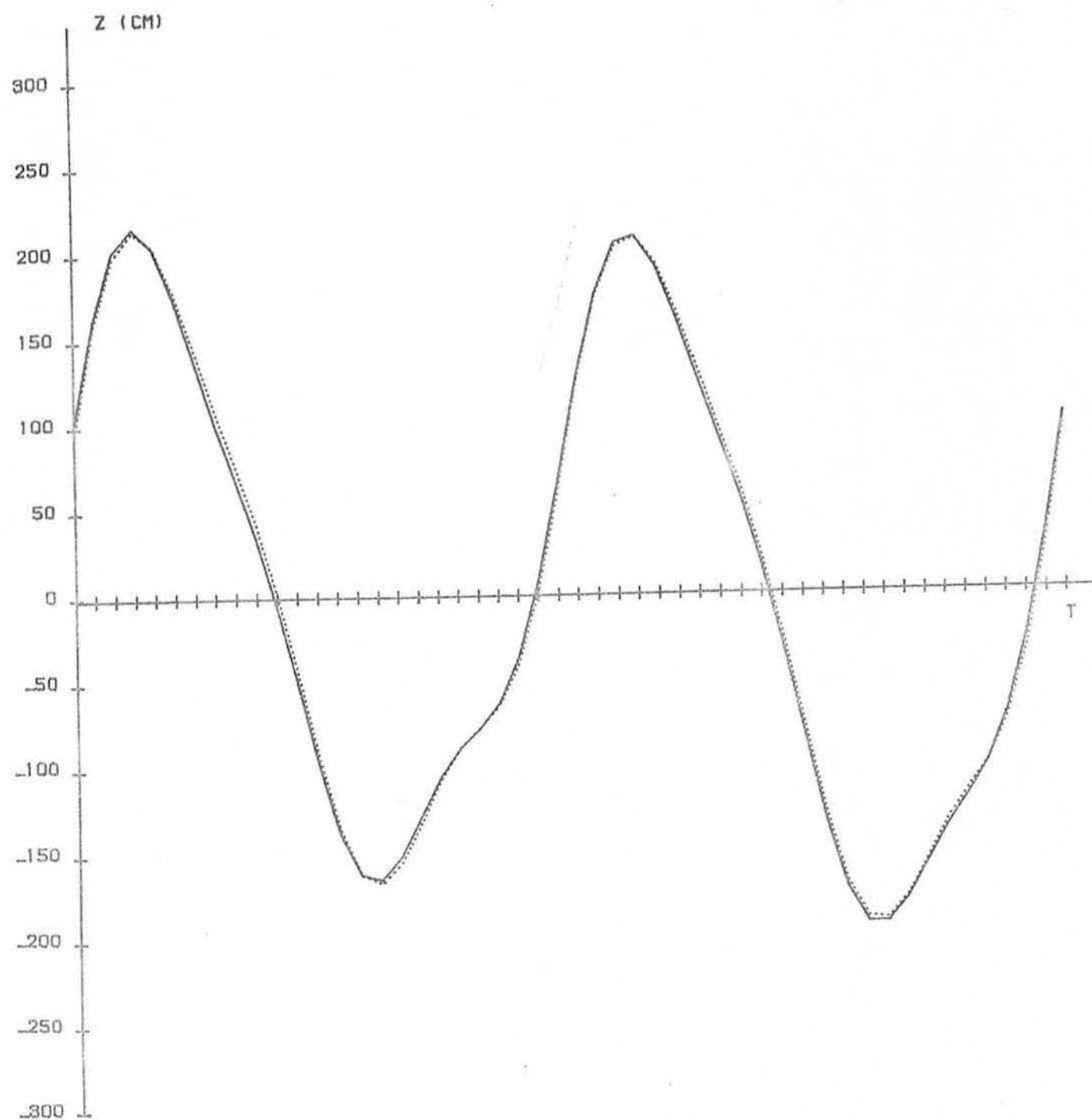
MEETPUNT : SCHEUR 1

=====

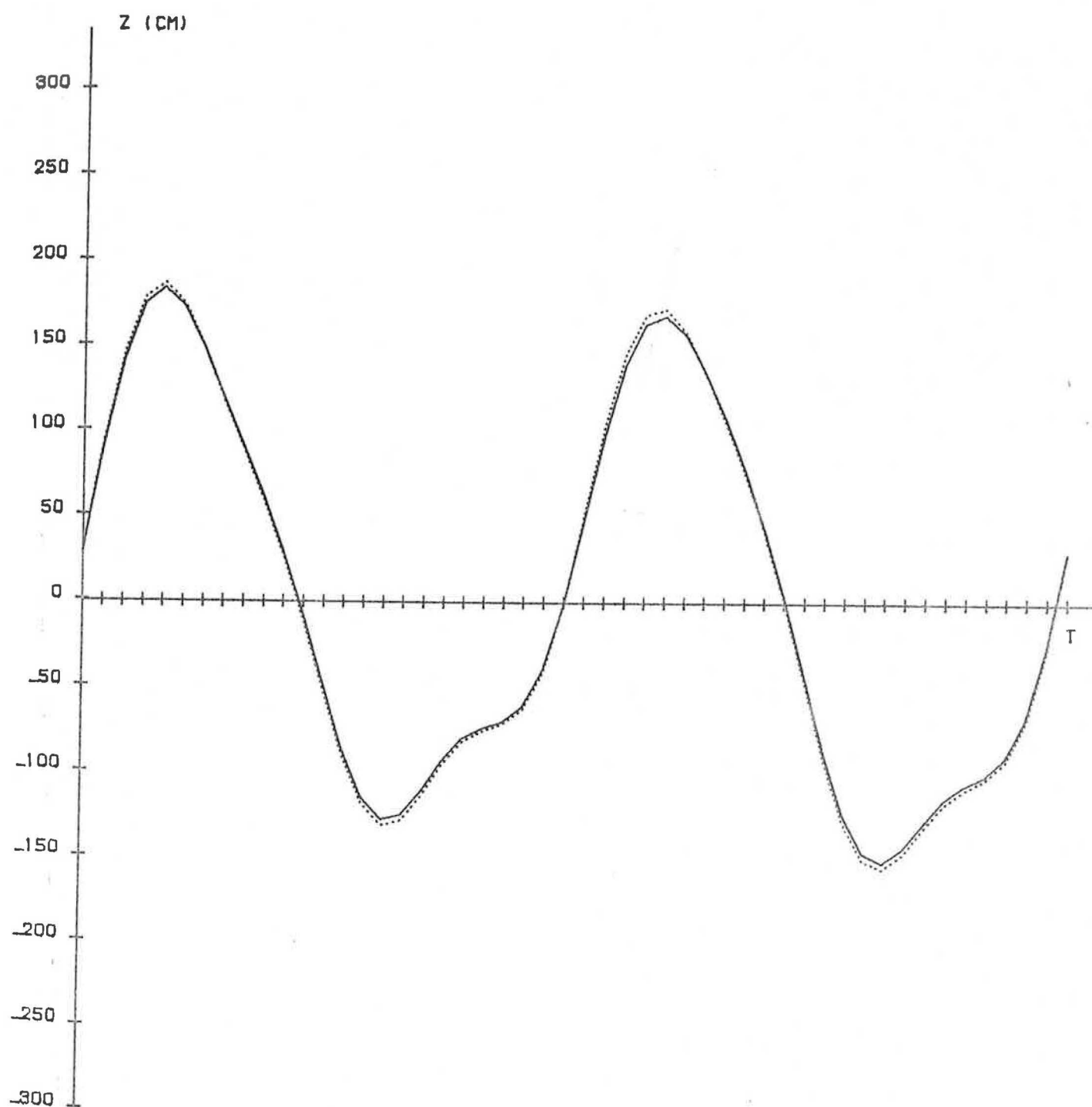


MEETPUNT : DEURLOO

=====

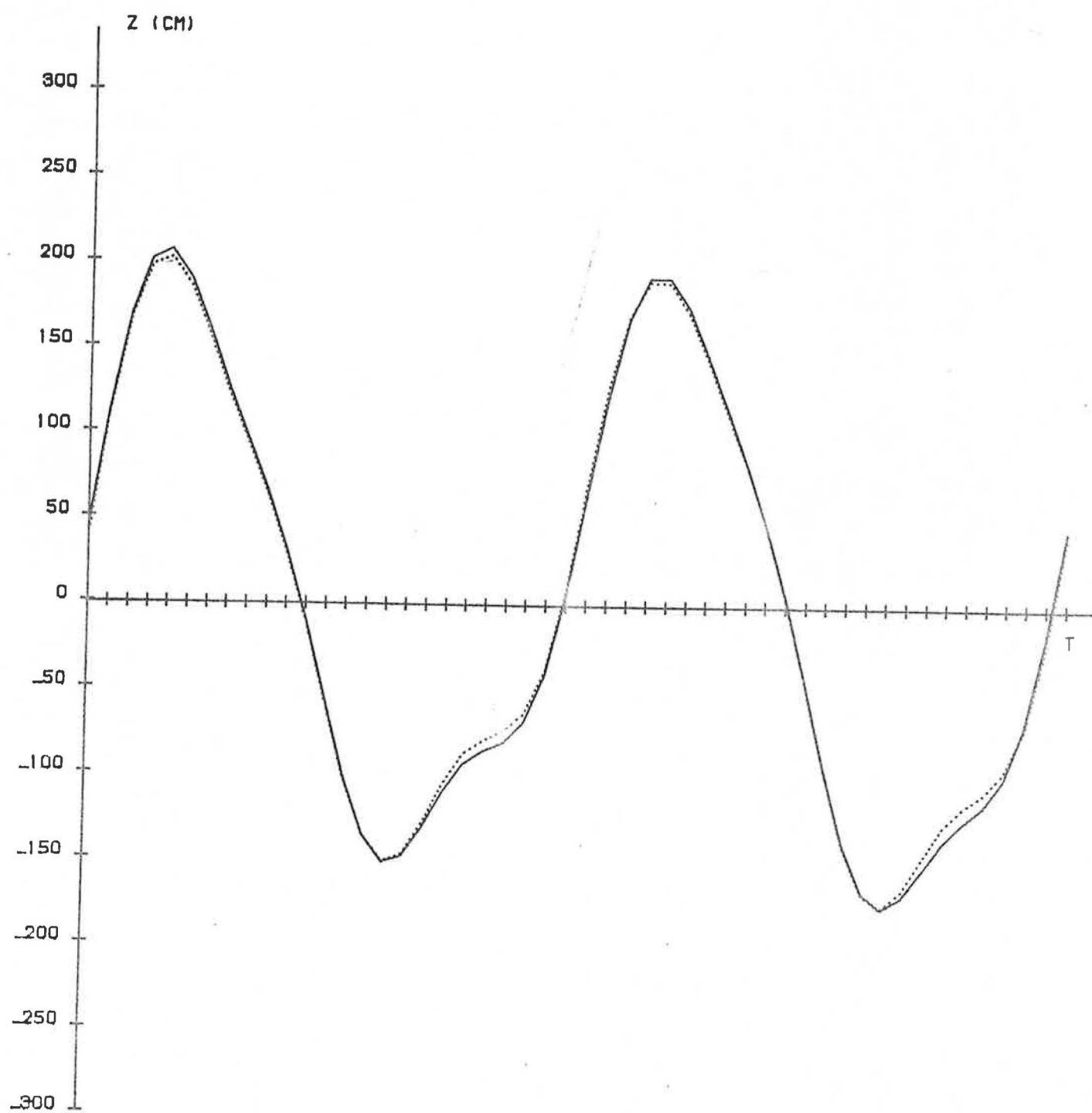


MEETPUNT : MIDDEN BANJAARD

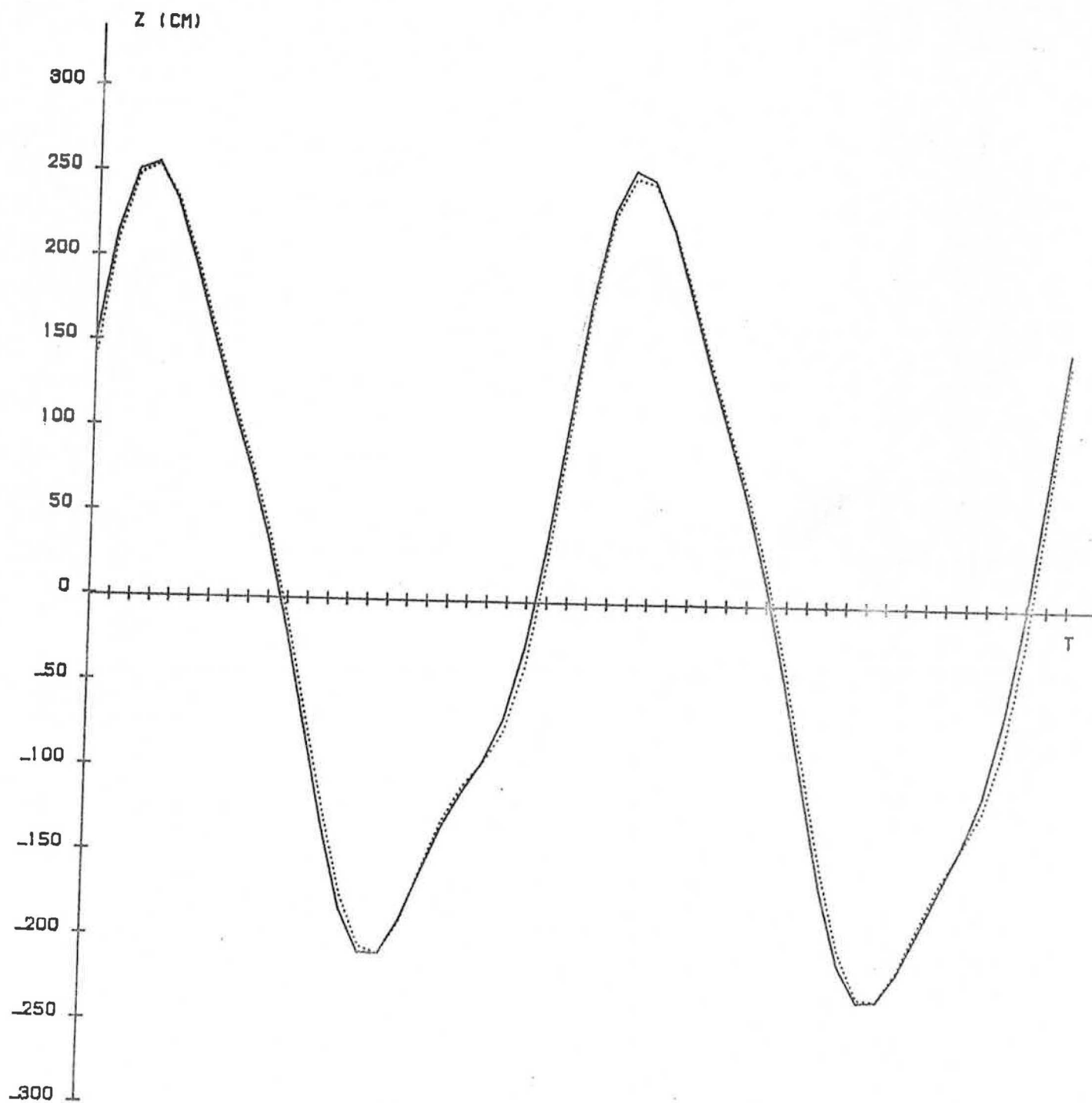


MEETPUNT : O. S. X

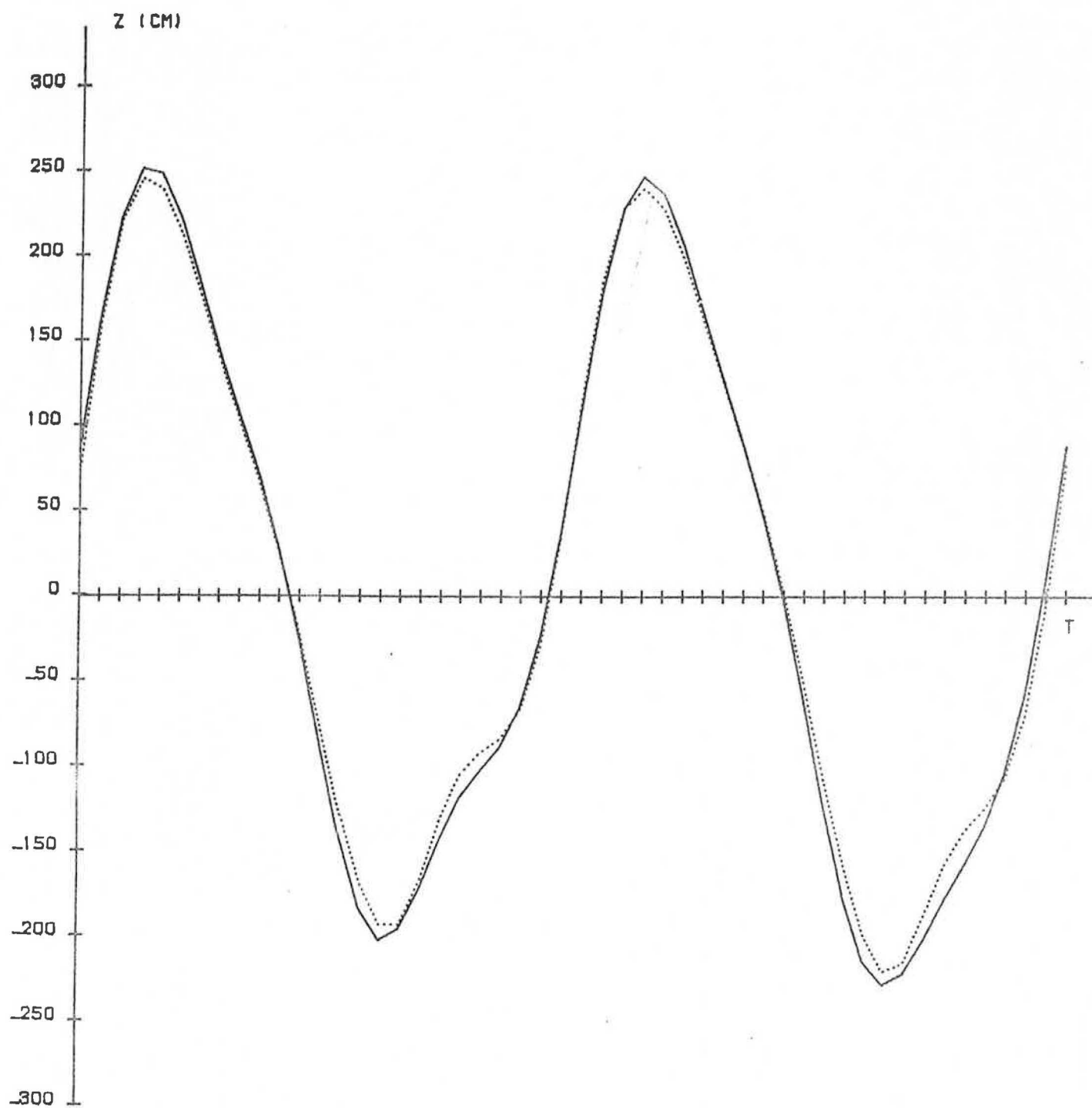
=====



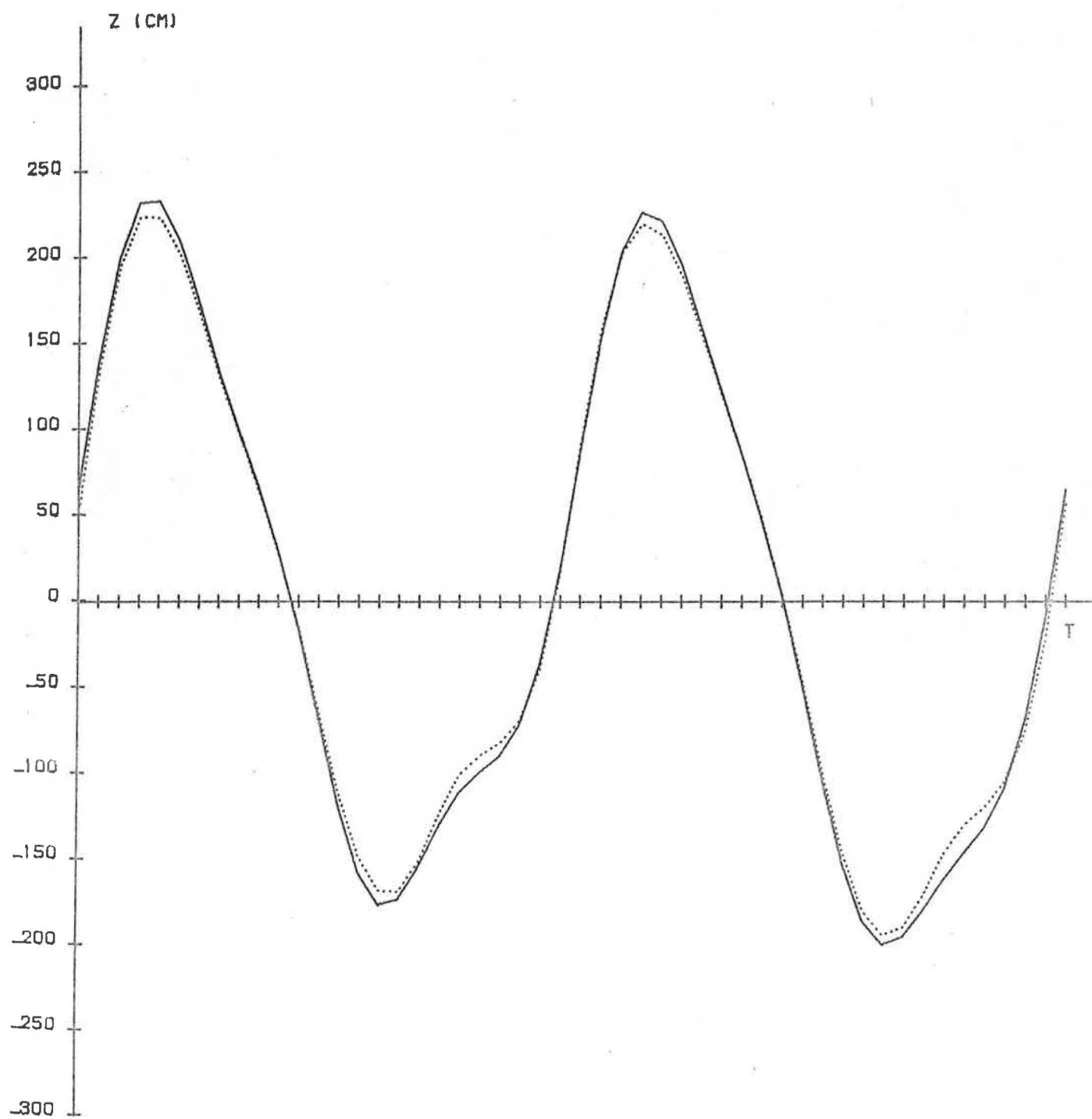
MEETPUNT : BLANKENBERGE



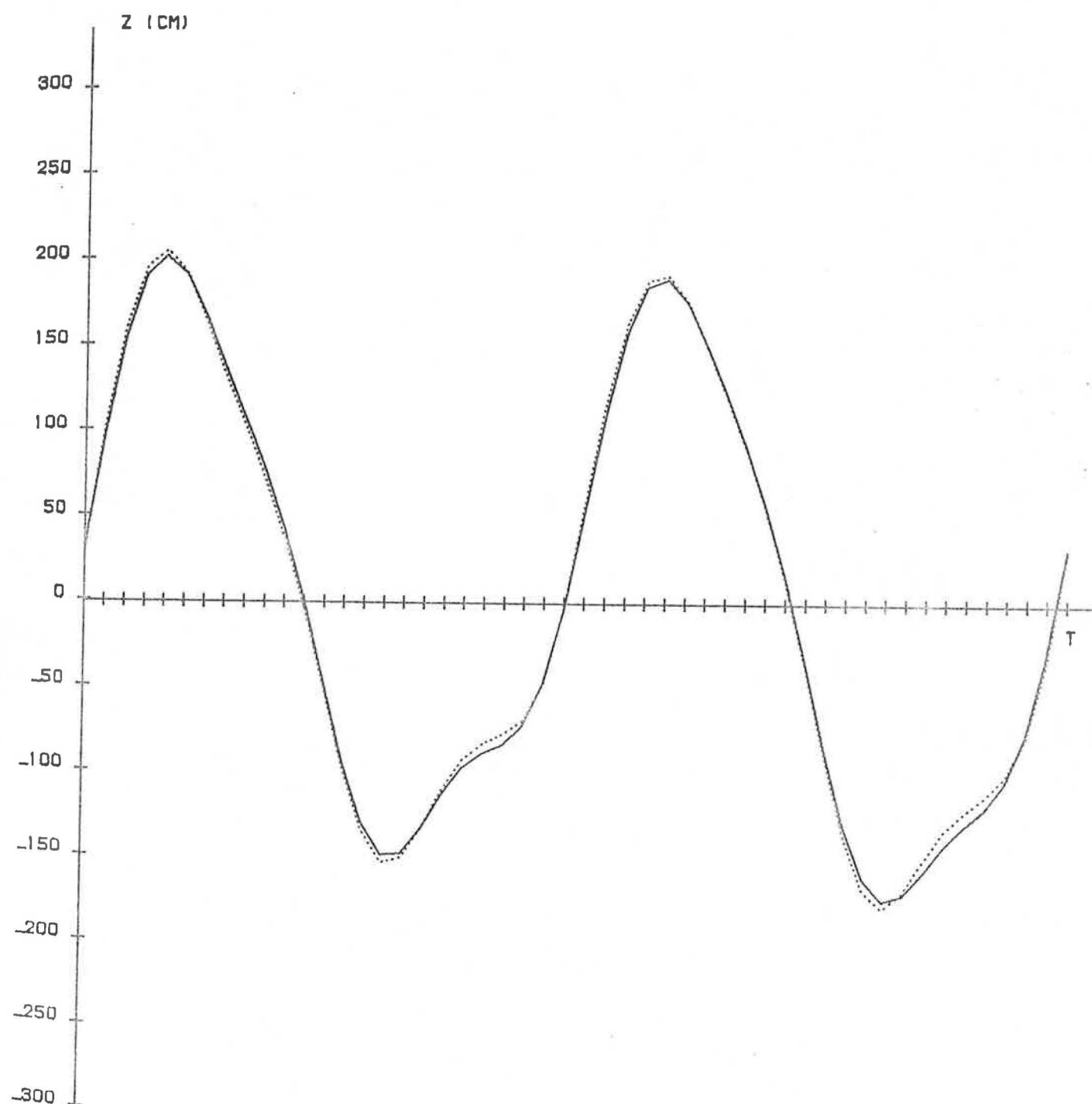
MEETPUNT : CADZAND



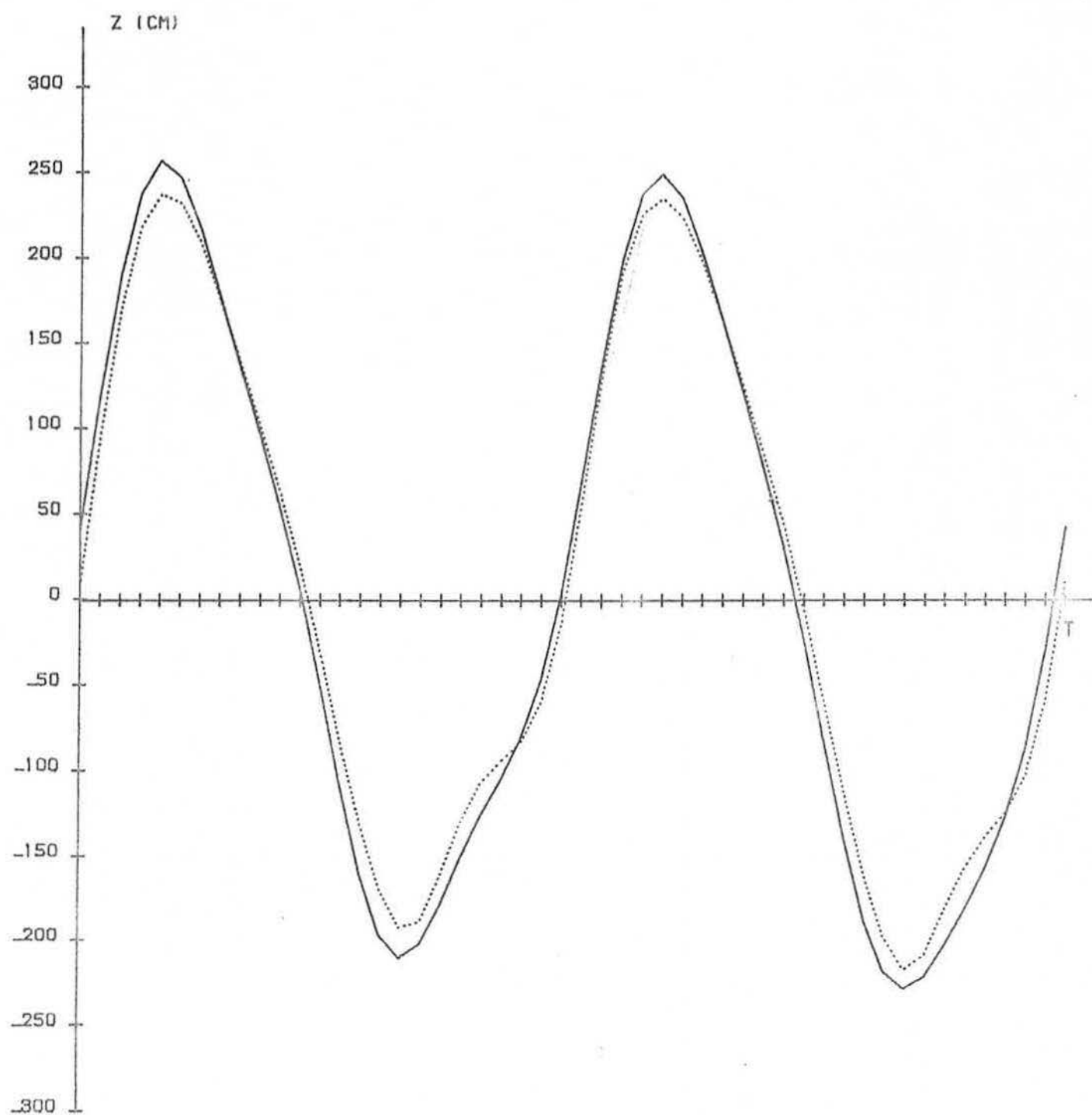
MEETPUNT : WESTKAPELLE



MEETPUNT : OOSTKAPELLE

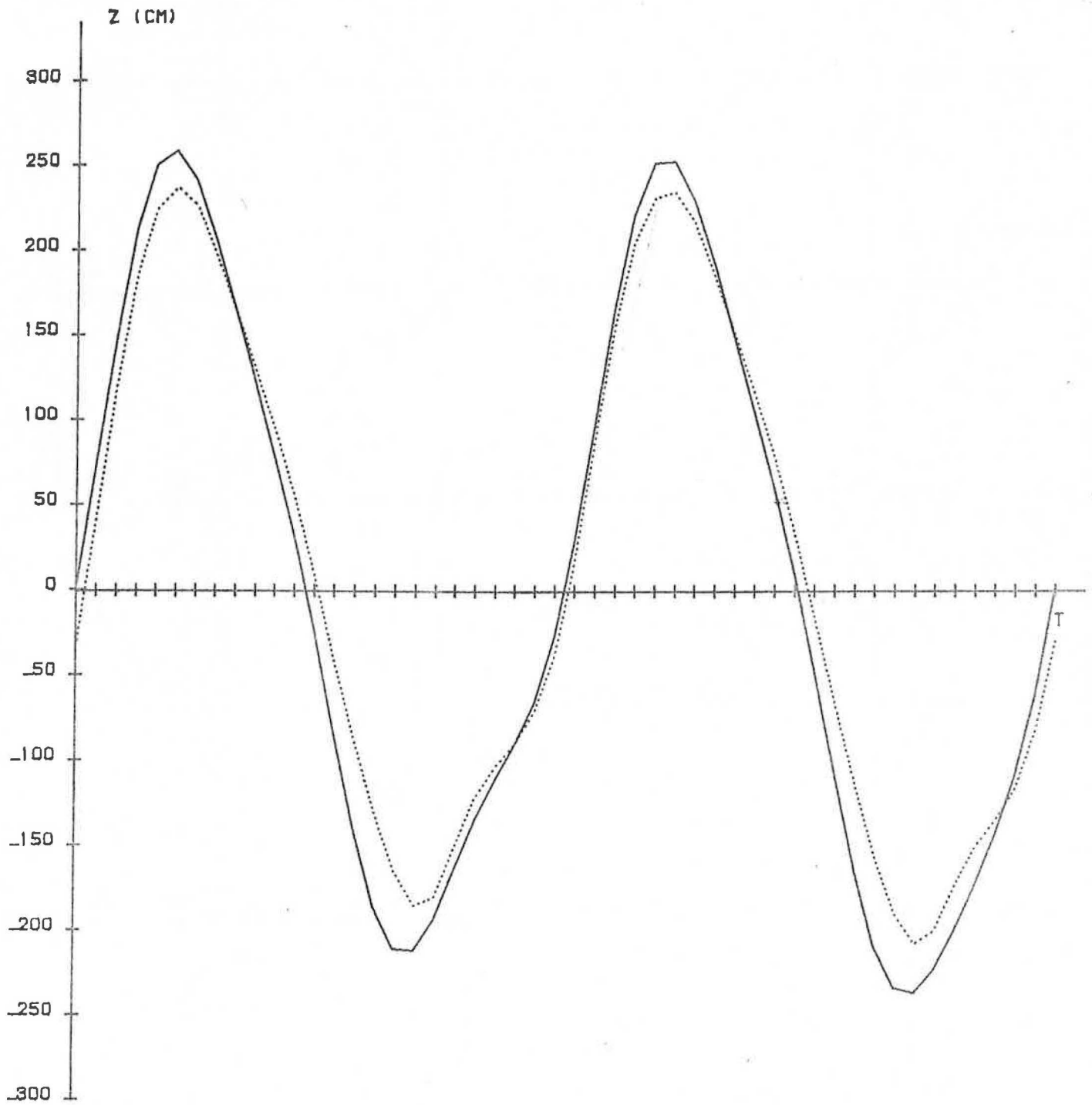


MEETPUNT : VLISSINGEN



MEETPUNT : BORSSELE

=====



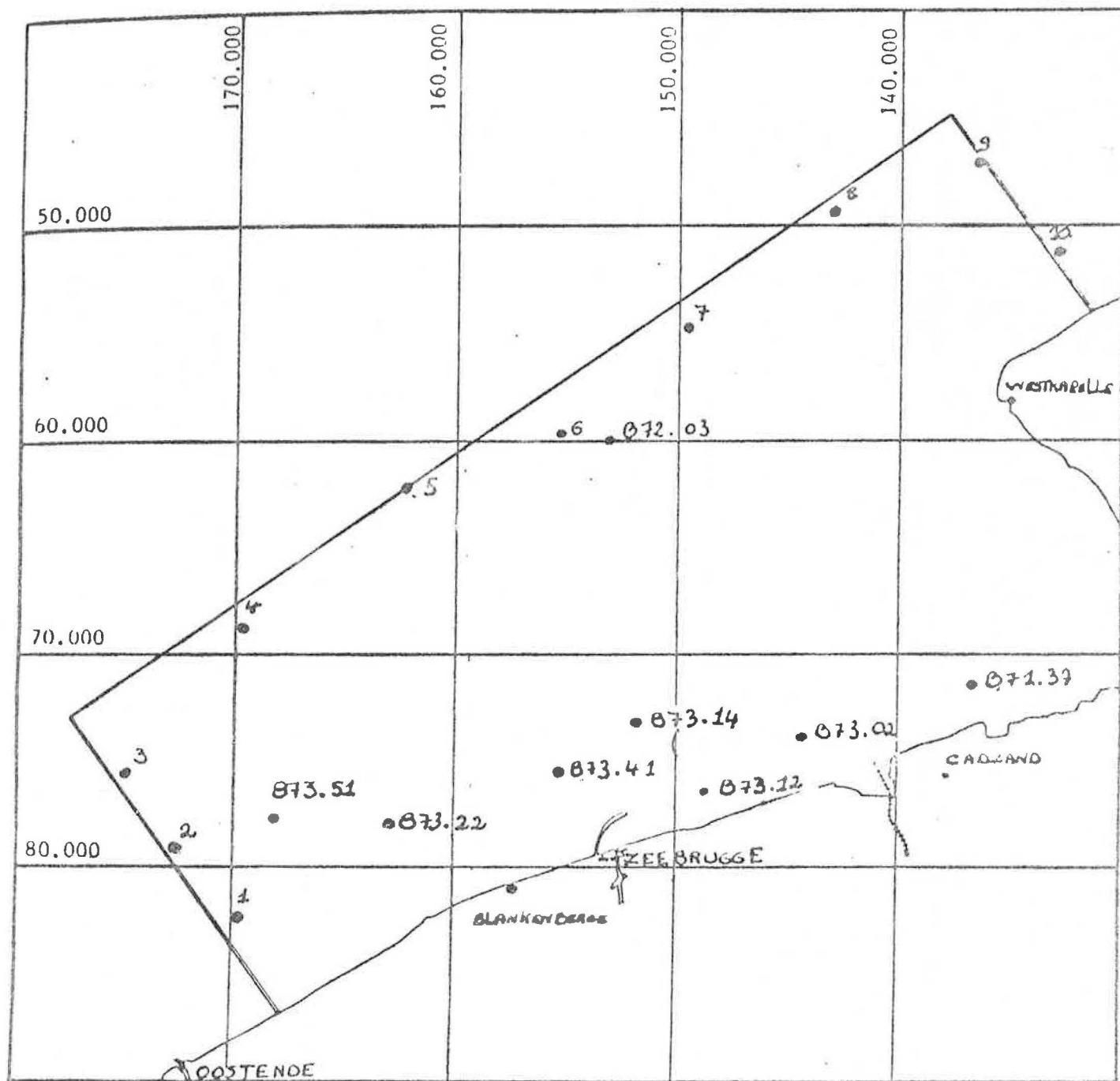


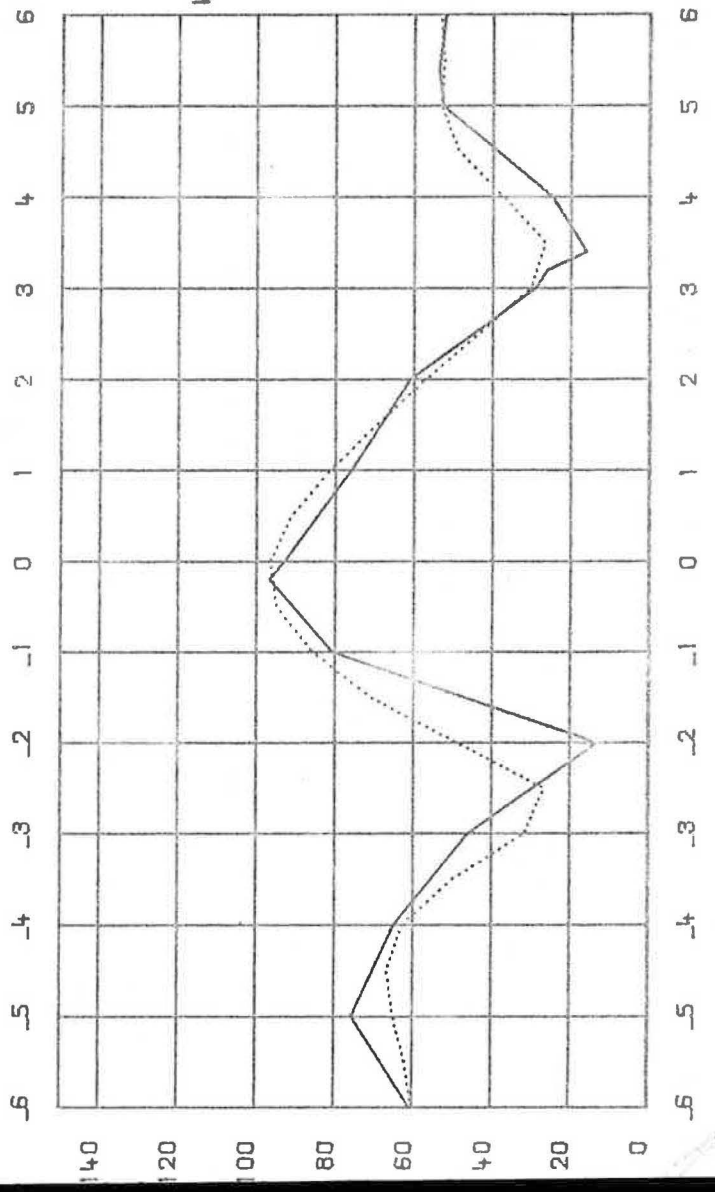
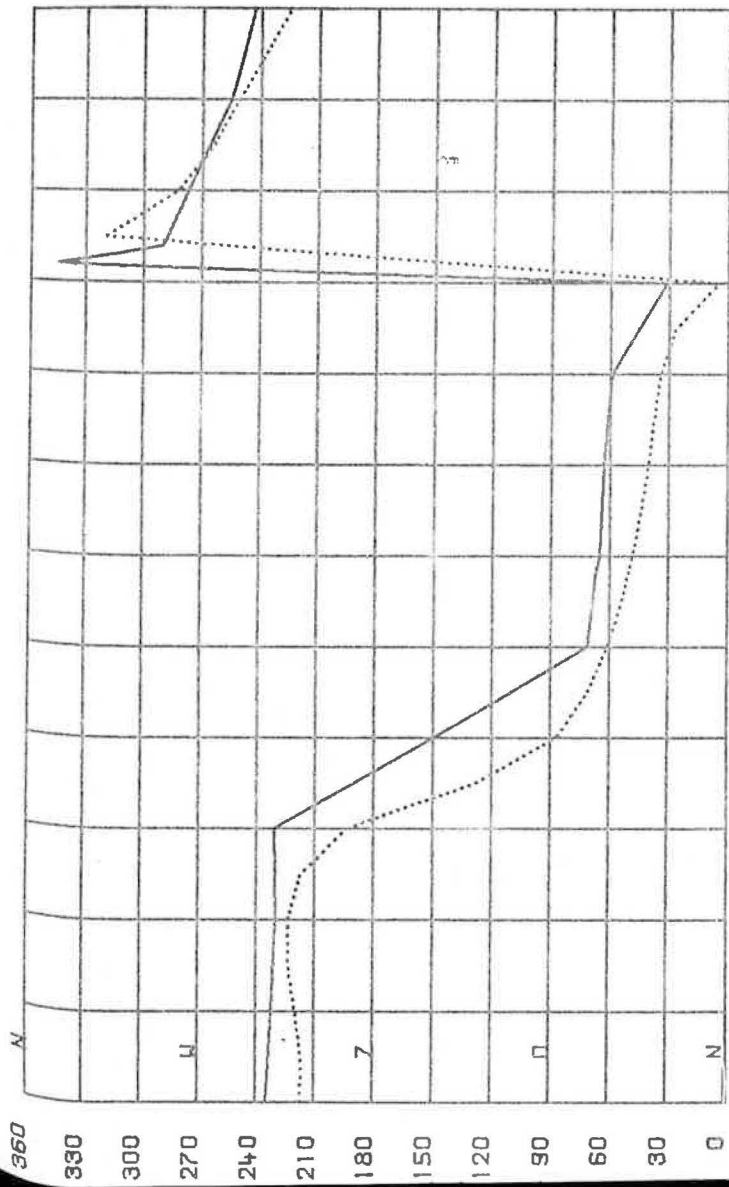
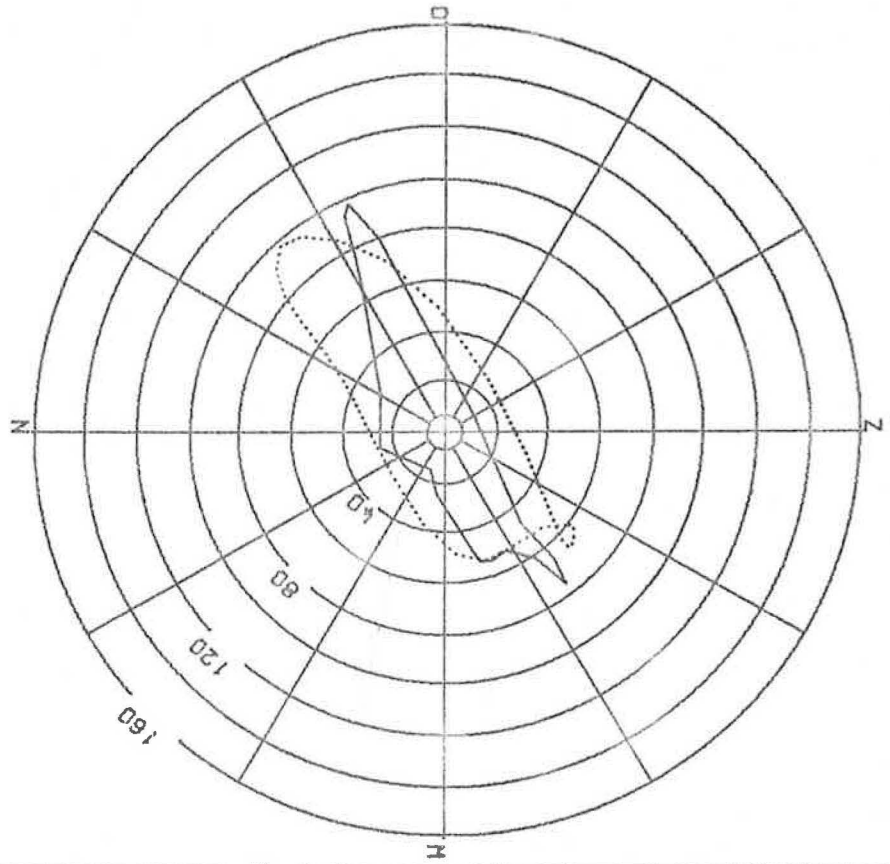
Fig. 1.1.2.

Horizontale getijden : Vergelijking tussen de
waarnemingen en de berekeningen. (Model : 1 km)

MEET PUNT : 1

TIJD -----	WAARNEMINGEN -----		BEREKENINGEN -----	
	AM	PHA	AM	PHA
-6	61.	235.	60.	217.
-5	76.	232.	65.	220.
-4	65.	230.	63.	224.
-3	46.	231.	32.	193.
-2	13.	150.	49.	87.
-1	81.	71.	86.	61.
0	93.	65.	97.	48.
1	76.	63.	81.	40.
2	61.	59.	57.	34.
3	29.	31.	30.	5.
4	25.	277.	37.	282.
5	53.	255.	53.	251.
6	52.	243.	53.	224.

MEETPUNT 1



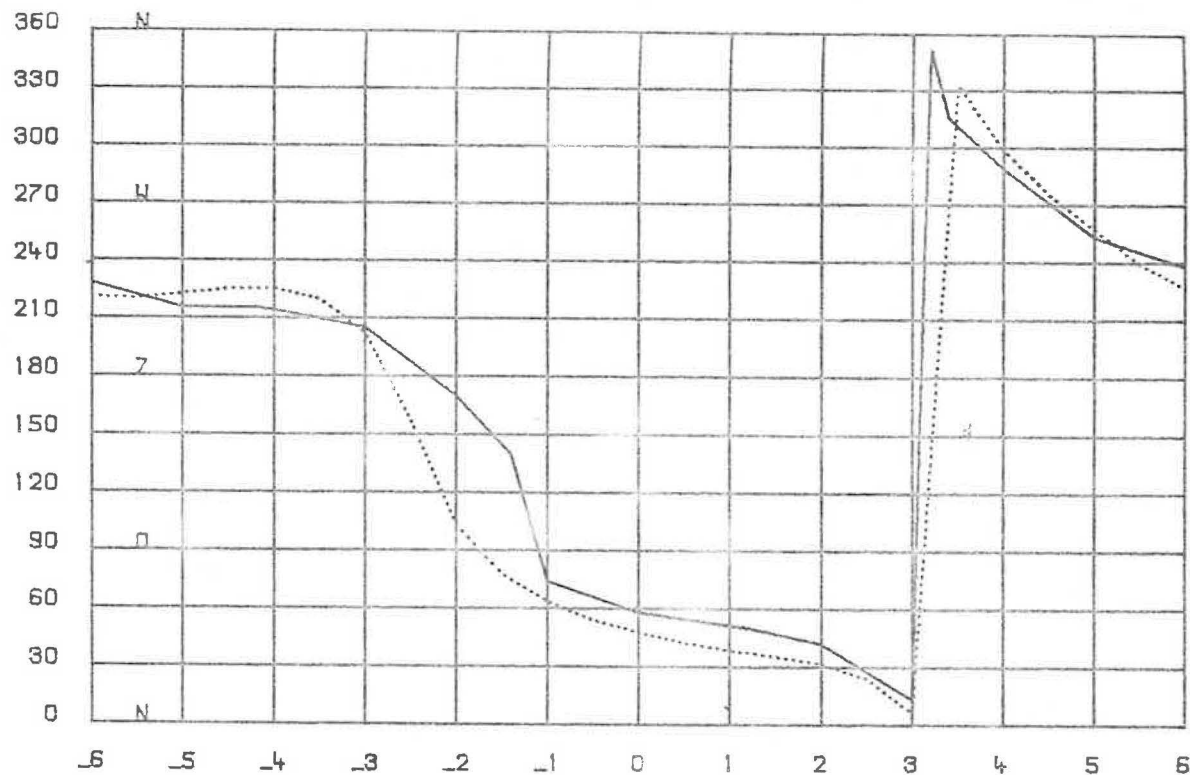
MEET PUNT : 2

TIJD

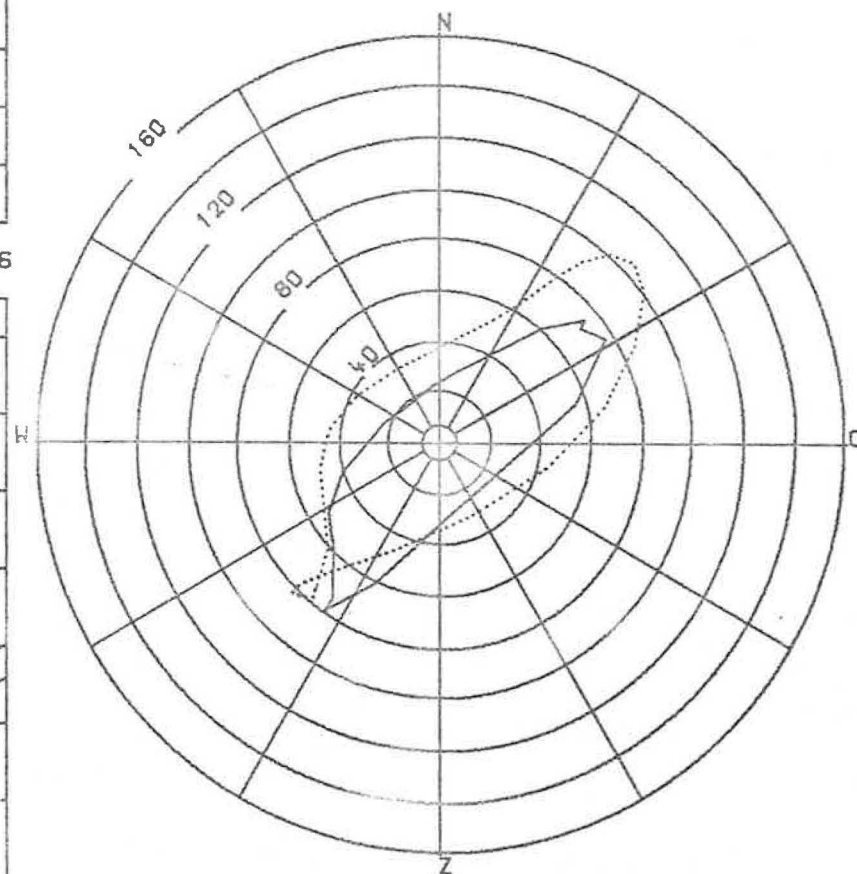
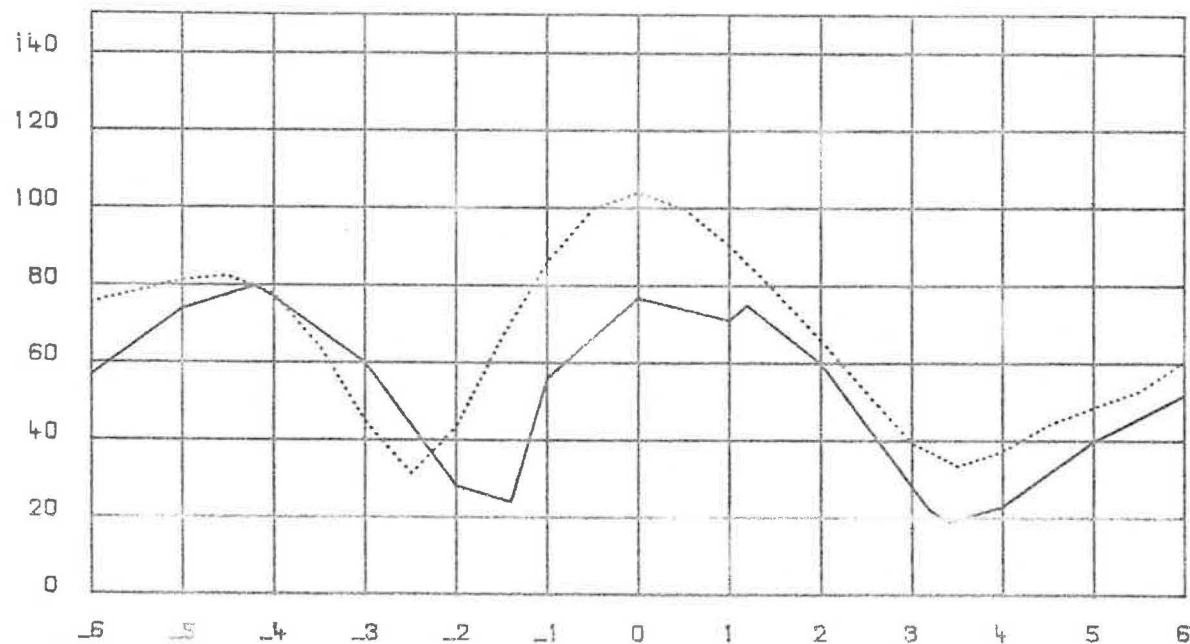
WAARNEMINGEN

BEREKENINGEN

	AM	PHA	AM	PHA
-6	57.	228.	76.	221.
-5	74.	215.	81.	222.
-4	77.	214.	77.	225.
-3	60.	205.	45.	202.
-2	28.	170.	44.	193.
-1	56.	74.	86.	63.
0	77.	58.	104.	47.
1	71.	51.	90.	38.
2	60.	42.	66.	31.
3	28.	13.	39.	6.
4	23.	289.	37.	299.
5	40.	253.	49.	257.
6	52.	238.	61.	227.

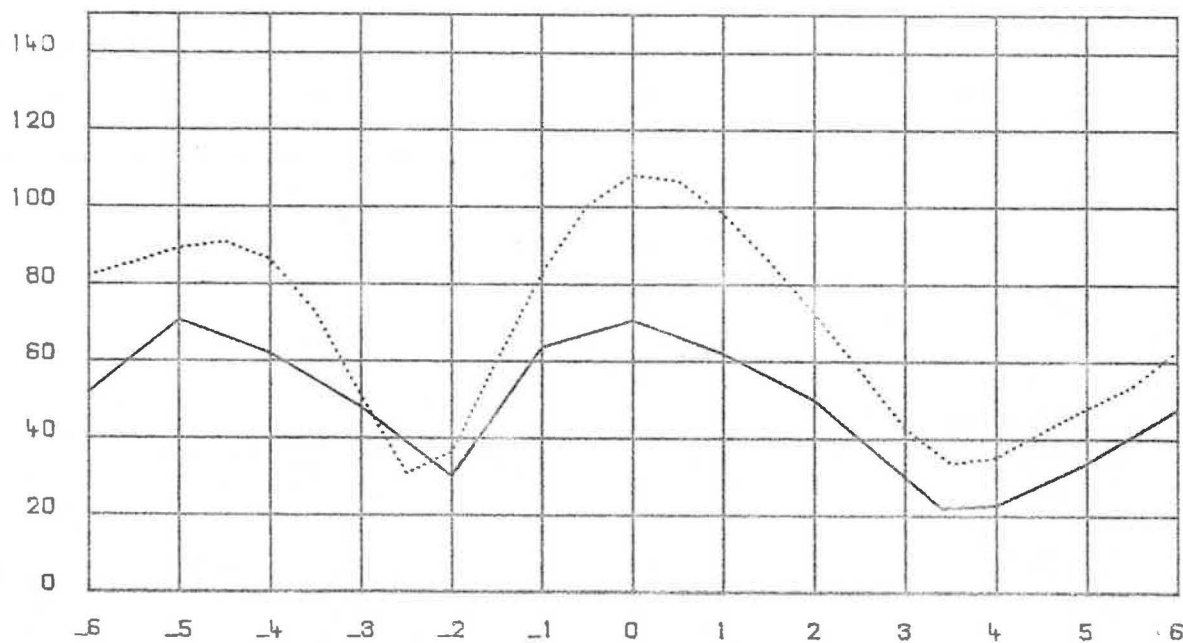
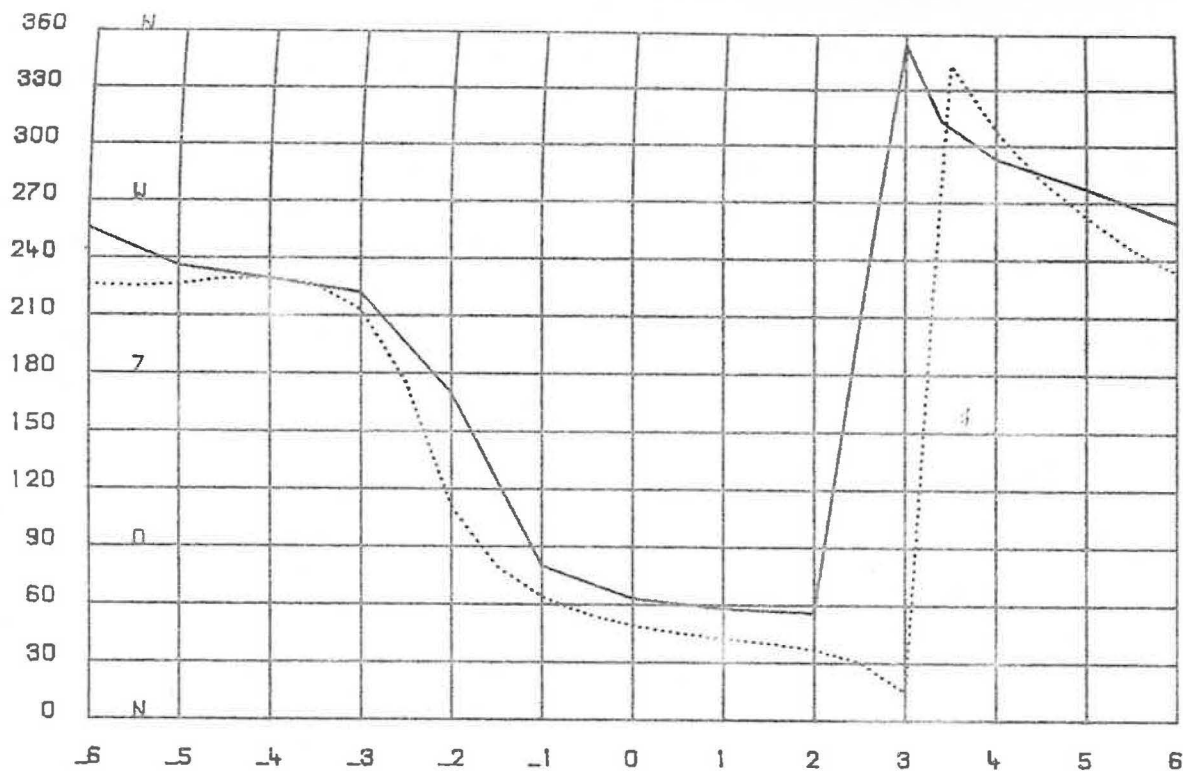


MEETPUNT 2

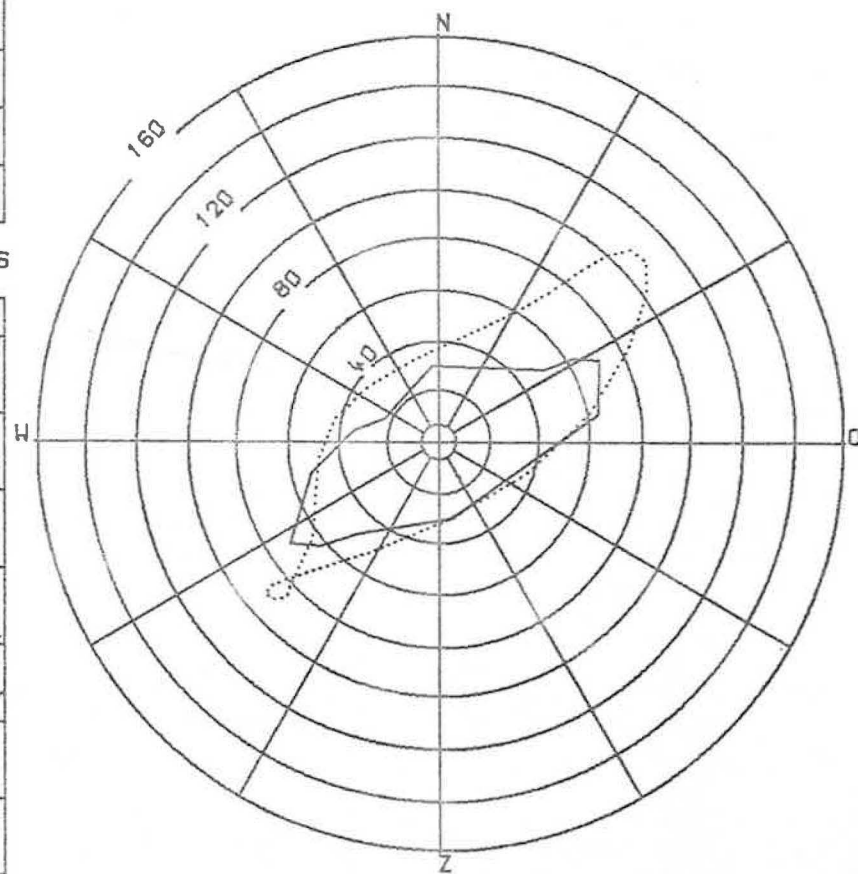


MEETPUNT : 3

TIJD -----	WAARNEMINGEN -----		BEREKENINGEN -----	
	AM	PHA	AM	PHA
-6	52.	256.	82.	226.
-5	71.	236.	89.	227.
-4	62.	229.	86.	230.
-3	48.	222.	51.	213.
-2	30.	170.	37.	110.
-1	64.	80.	83.	64.
0	71.	63.	109.	49.
1	62.	58.	98.	42.
2	50.	56.	73.	37.
3	30.	355.	43.	15.
4	23.	293.	35.	308.
5	34.	277.	48.	262.
6	48.	259.	63.	233.



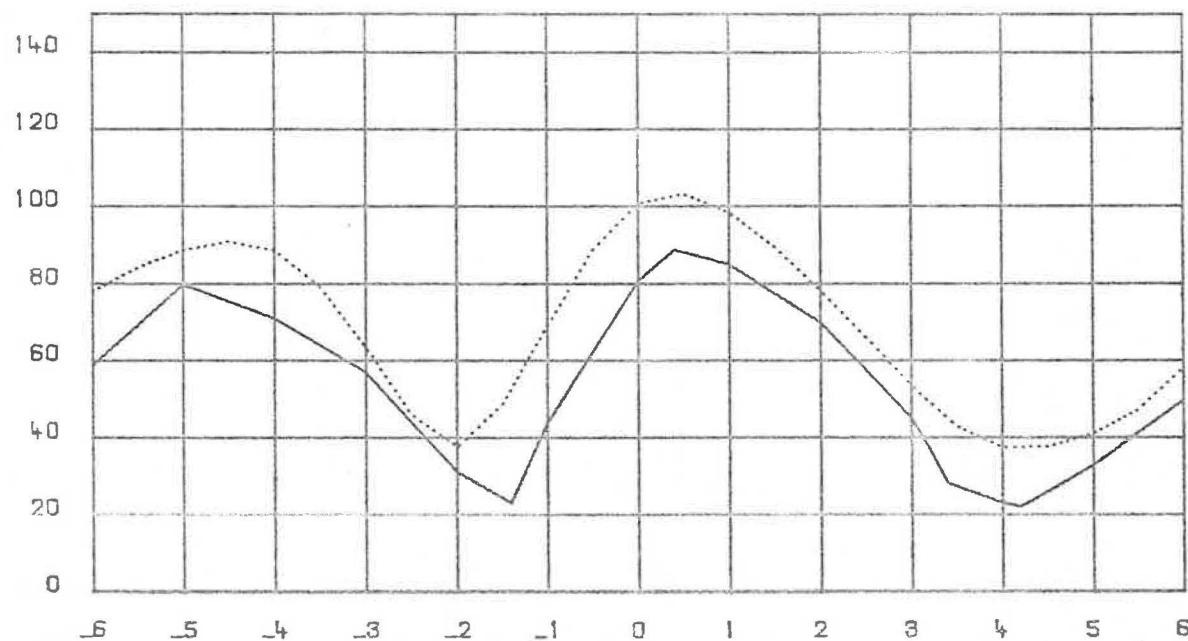
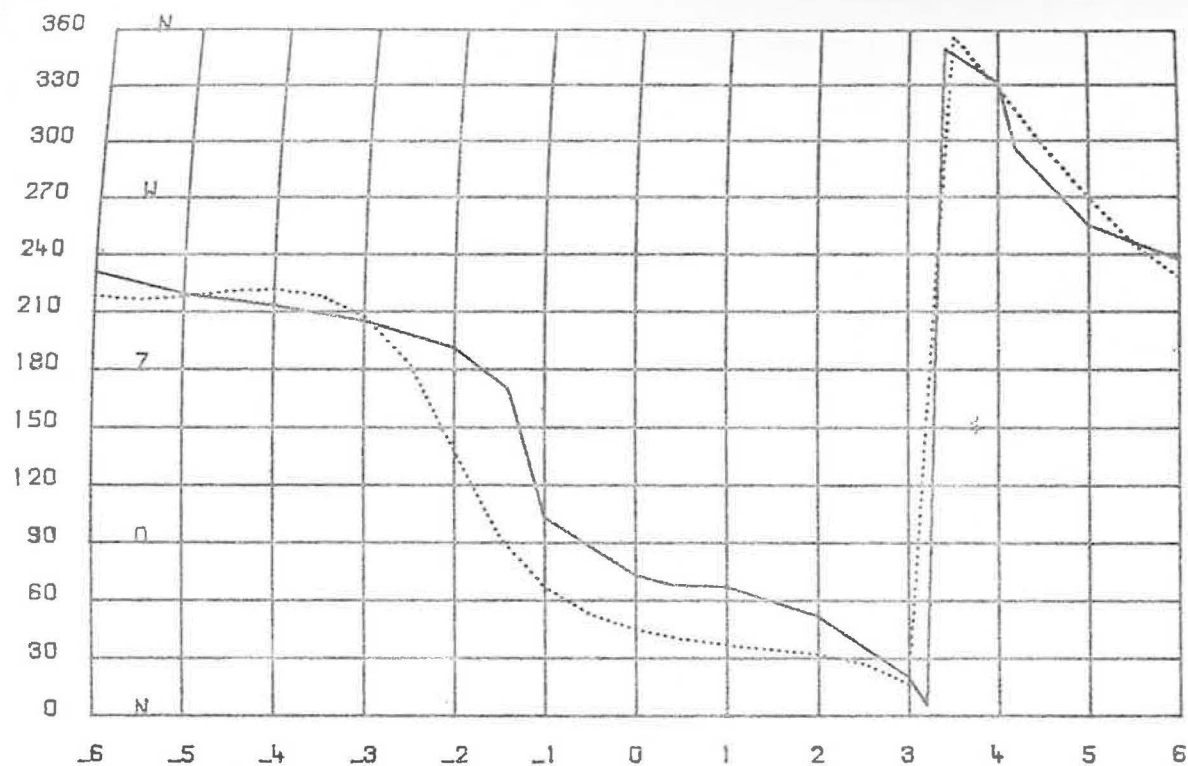
MEETPUNT 3



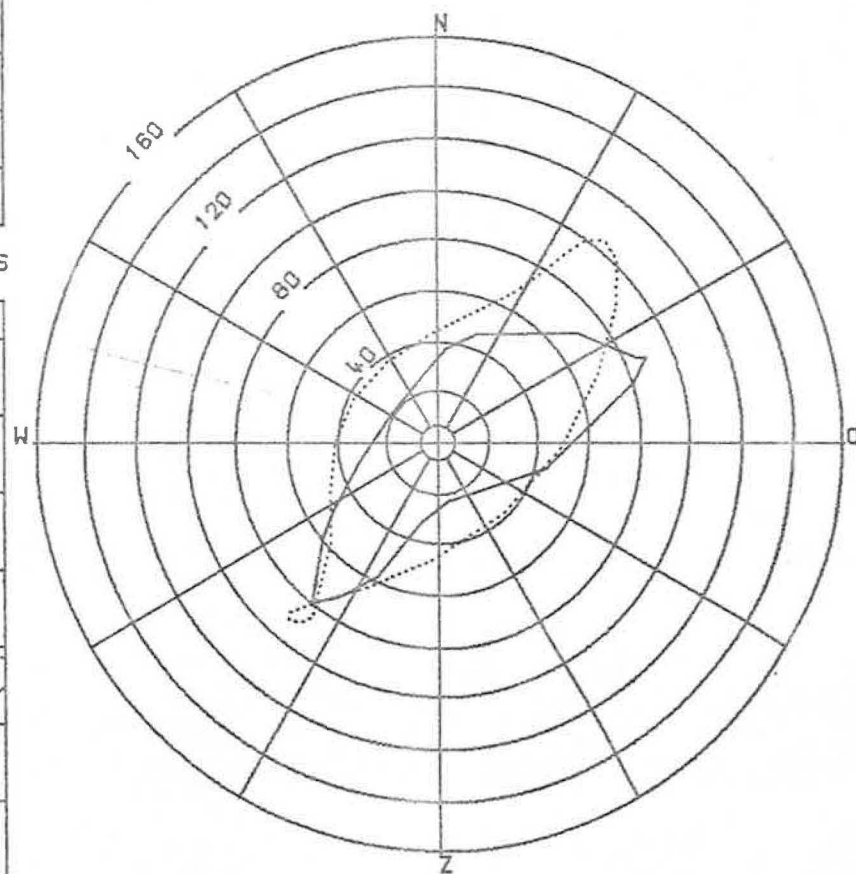
MEET PUNT : 4

~~~~~

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 59.                   | 231. | 78.                   | 219. |
| -5            | 80.                   | 219. | 89.                   | 218. |
| -4            | 71.                   | 213. | 89.                   | 222. |
| -3            | 57.                   | 205. | 63.                   | 207. |
| -2            | 31.                   | 191. | 38.                   | 137. |
| -1            | 44.                   | 103. | 69.                   | 67.  |
| 0             | 81.                   | 73.  | 101.                  | 45.  |
| 1             | 85.                   | 67.  | 98.                   | 36.  |
| 2             | 70.                   | 52.  | 78.                   | 32.  |
| 3             | 45.                   | 20.  | 53.                   | 16.  |
| 4             | 23.                   | 331. | 37.                   | 328. |
| 5             | 33.                   | 255. | 41.                   | 269. |
| 6             | 50.                   | 237. | 58.                   | 228. |



MEETPUNT 4

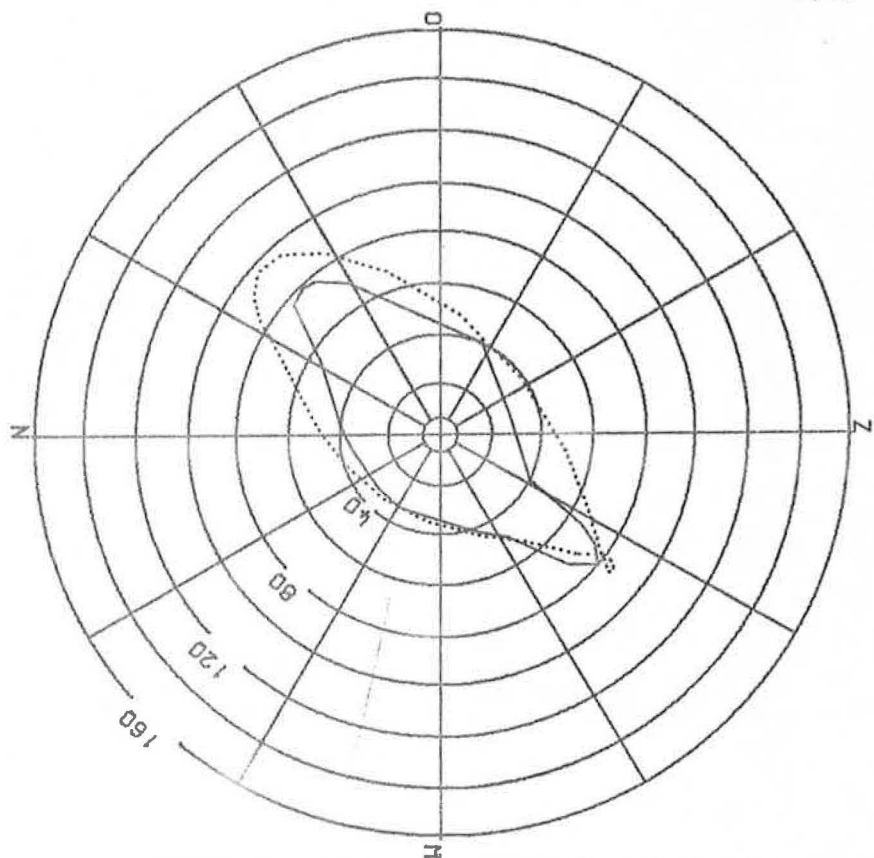
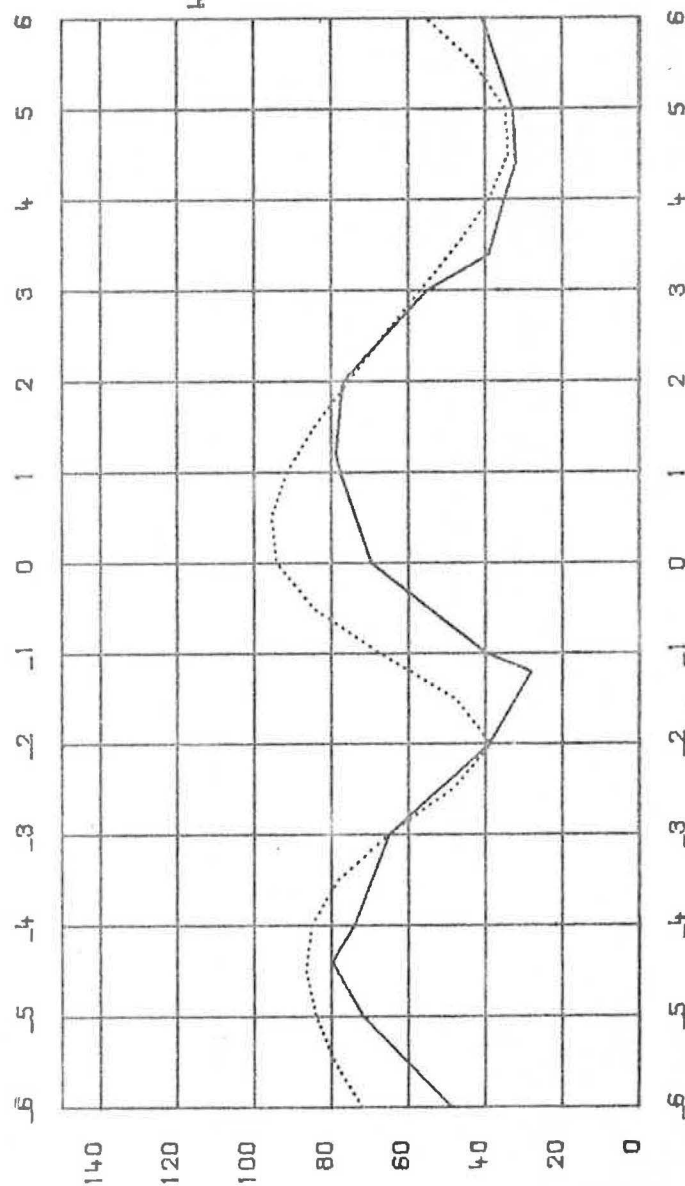
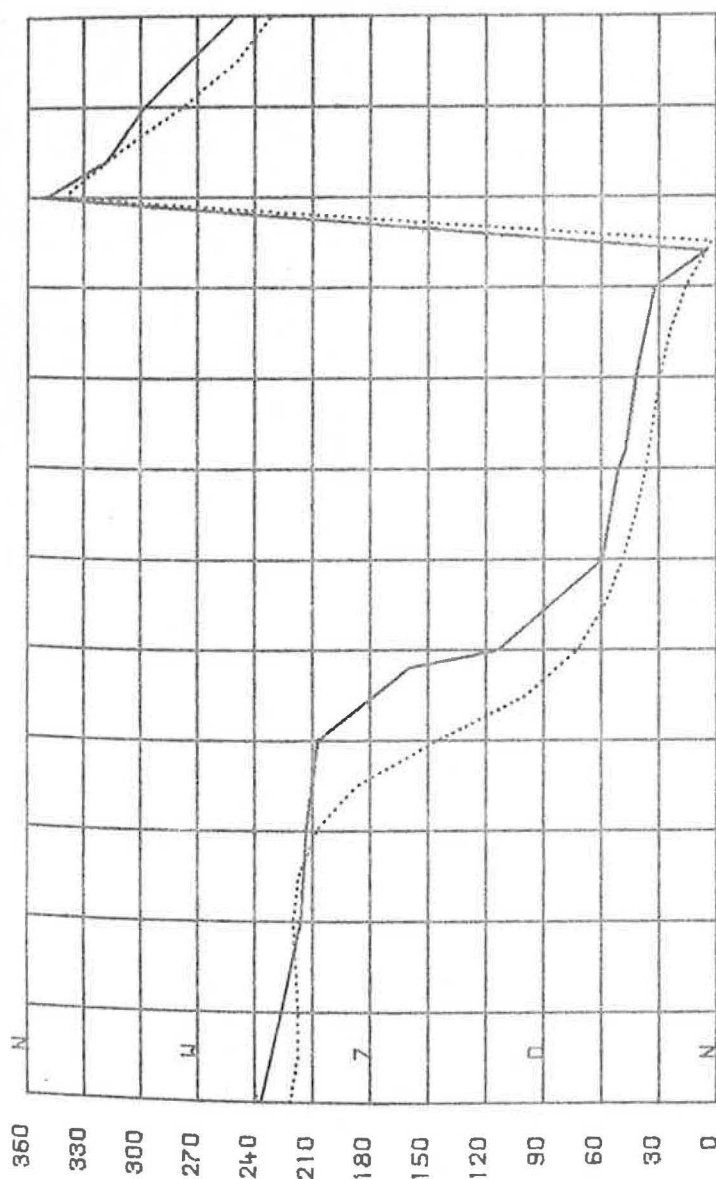


MEETPUNT : 5

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 49.                   | 237. | 72.                   | 222. |
| -5            | 72.                   | 226. | 84.                   | 217. |
| -4            | 74.                   | 216. | 85.                   | 220. |
| -3            | 65.                   | 213. | 65.                   | 208. |
| -2            | 39.                   | 207. | 39.                   | 145. |
| -1            | 40.                   | 114. | 68.                   | 72.  |
| 0             | 70.                   | 59.  | 94.                   | 49.  |
| 1             | 78.                   | 51.  | 92.                   | 37.  |
| 2             | 77.                   | 42.  | 75.                   | 29.  |
| 3             | 55.                   | 32.  | 57.                   | 16.  |
| 4             | 35.                   | 351. | 39.                   | 341. |
| 5             | 33.                   | 298. | 35.                   | 277. |
| 6             | 41.                   | 250. | 56.                   | 231. |

MEETPUNT 5

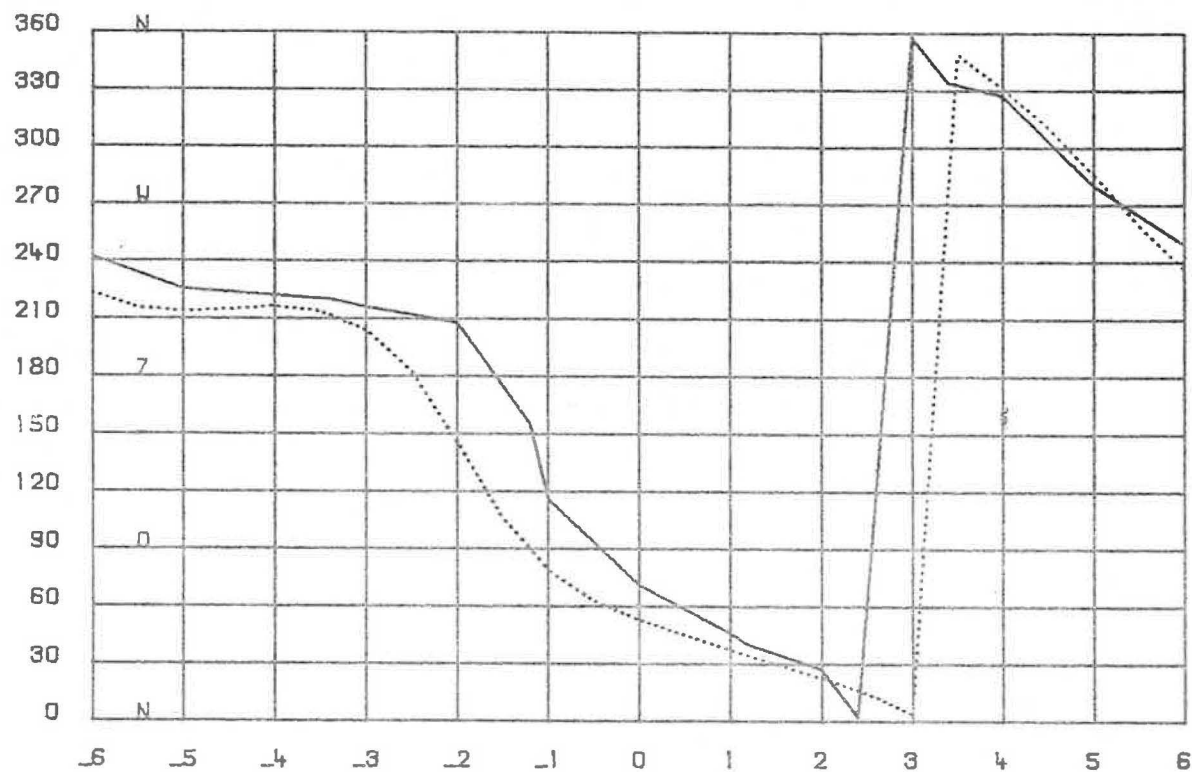


MEETPUNT : 6

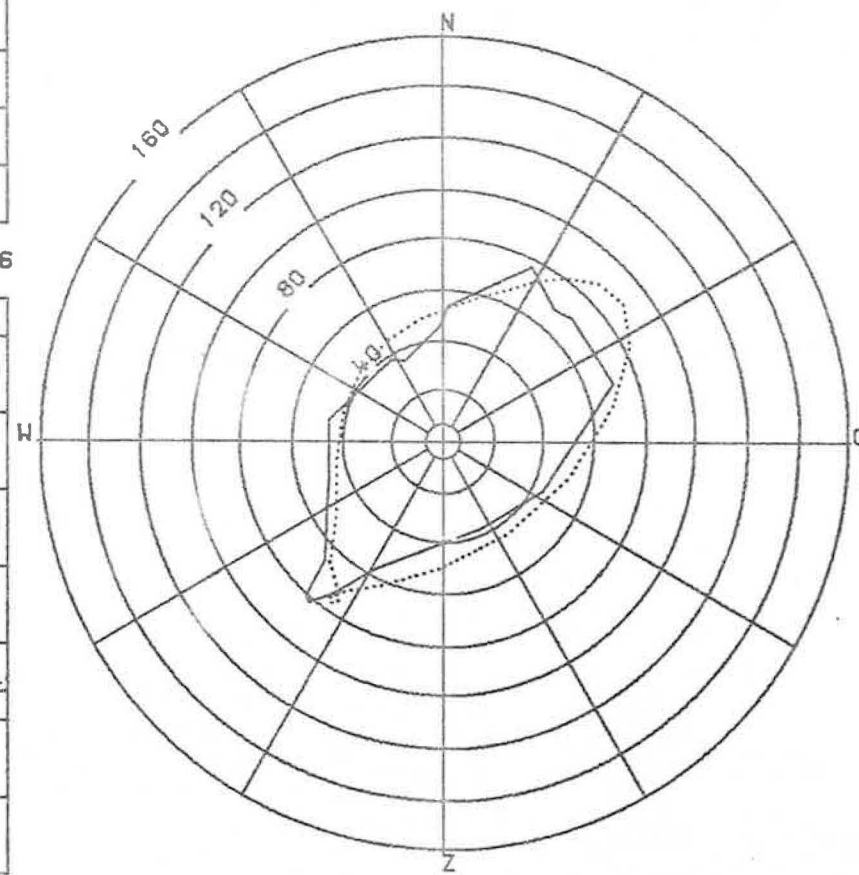
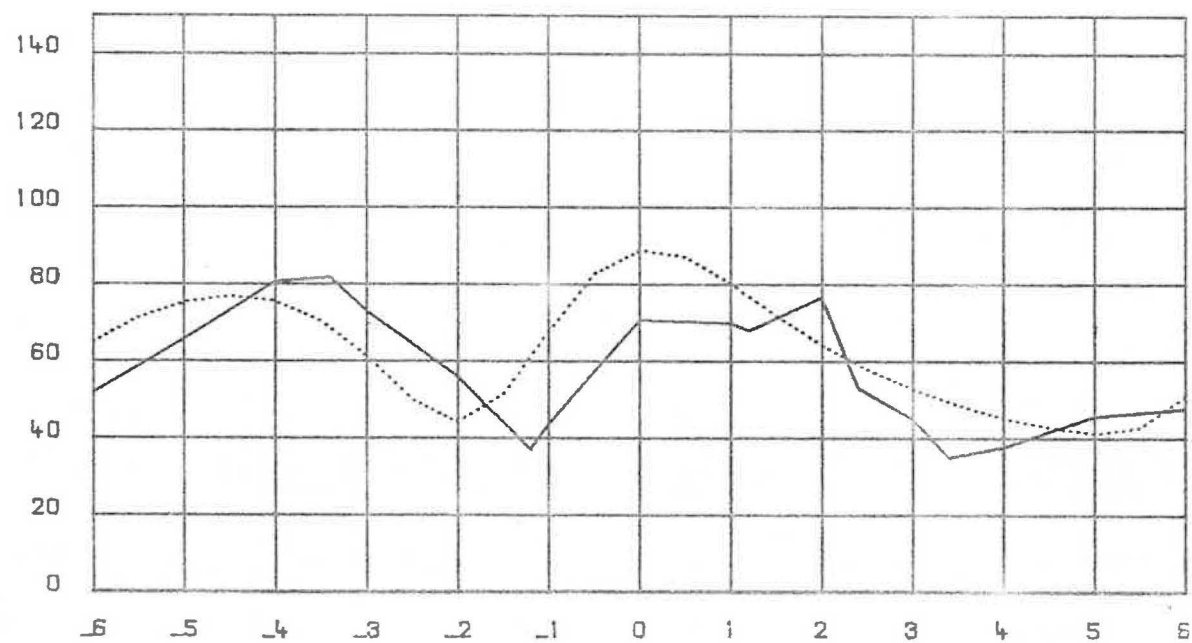
\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 52.                   | 242. | 65.                   | 223. |
| -5            | 66.                   | 225. | 76.                   | 213. |
| -4            | 81.                   | 222. | 76.                   | 216. |
| -3            | 73.                   | 216. | 61.                   | 204. |
| -2            | 56.                   | 208. | 44.                   | 145. |
| -1            | 44.                   | 116. | 68.                   | 78.  |
| 0             | 71.                   | 71.  | 89.                   | 53.  |
| 1             | 70.                   | 46.  | 80.                   | 37.  |
| 2             | 77.                   | 27.  | 64.                   | 23.  |
| 3             | 45.                   | 358. | 53.                   | 3.   |
| 4             | 38.                   | 327. | 45.                   | 331. |
| 5             | 46.                   | 280. | 41.                   | 286. |
| 6             | 48.                   | 249. | 51.                   | 236. |





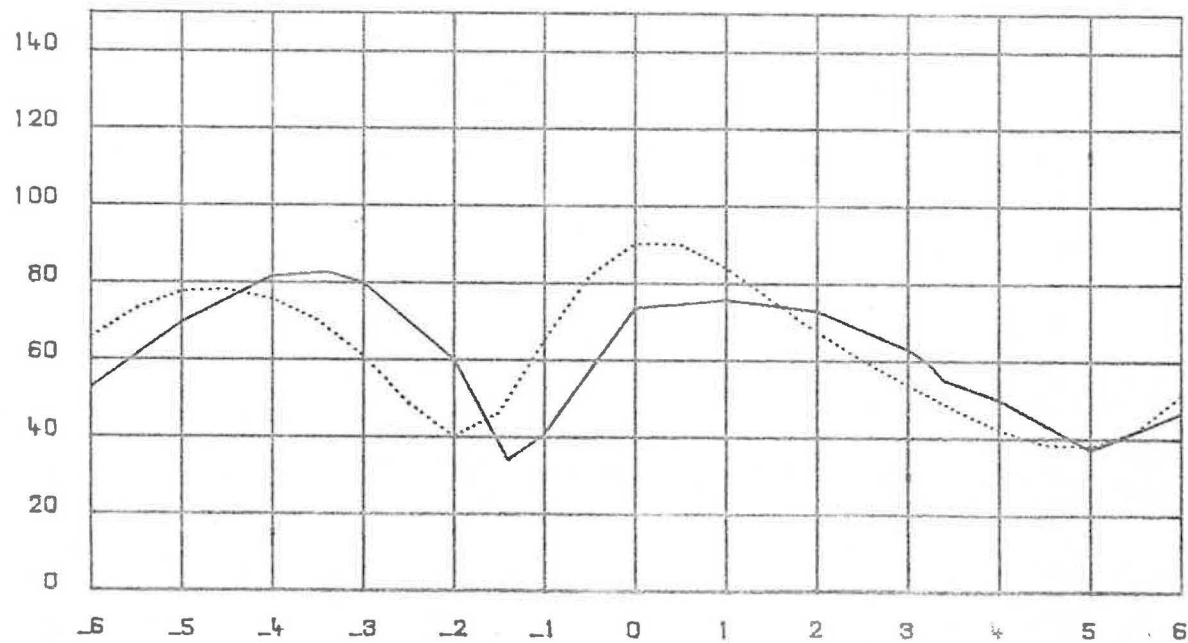
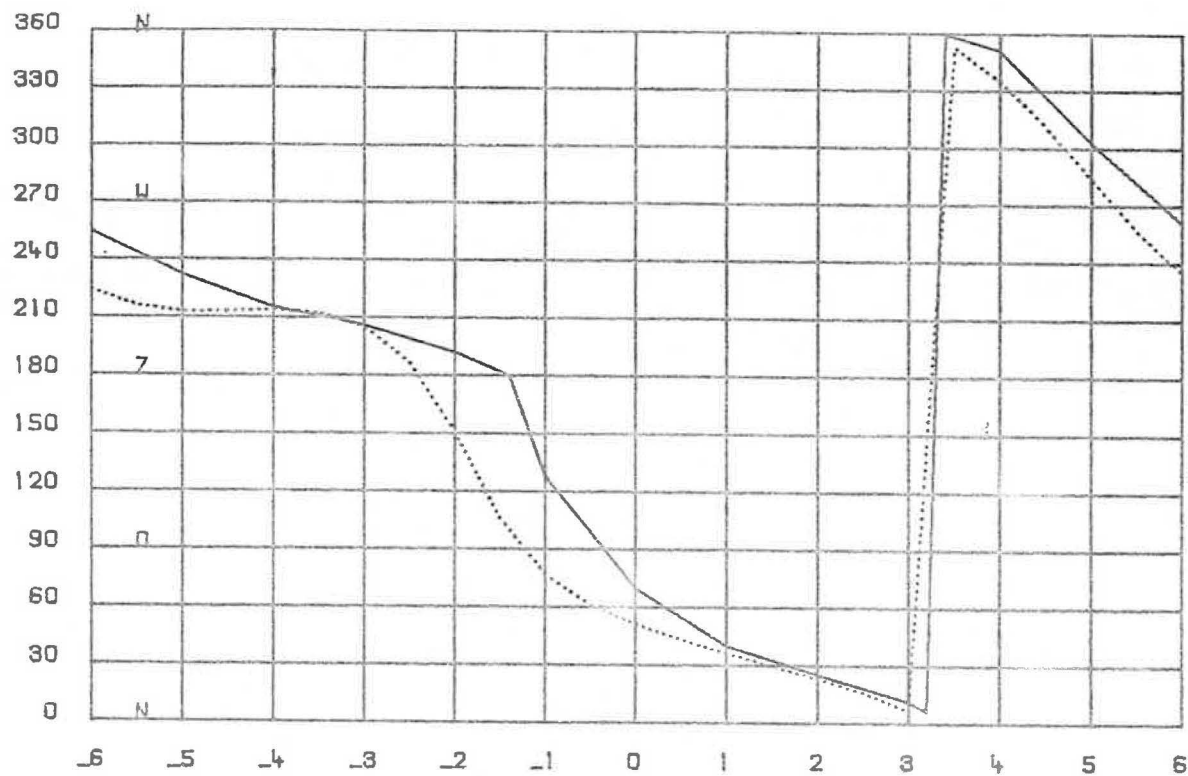
MEETPUNT 6



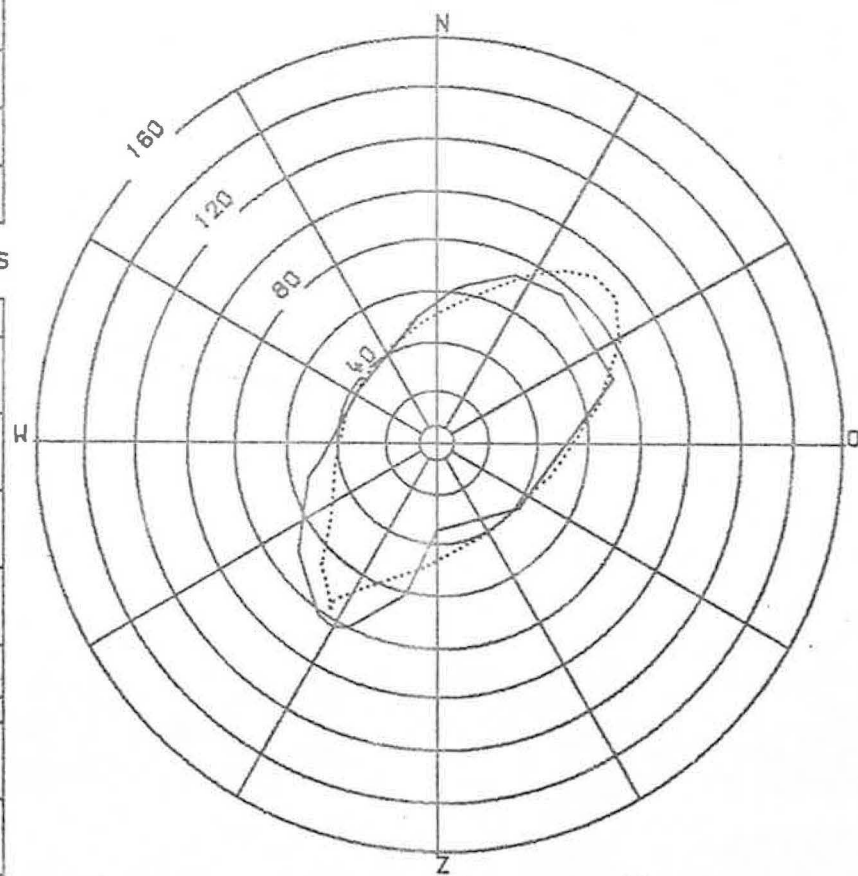
MEETPUNT : 7

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 53.                   | 255. | 66.                   | 224. |
| -5            | 70.                   | 232. | 78.                   | 213. |
| -4            | 82.                   | 215. | 76.                   | 214. |
| -3            | 80.                   | 206. | 61.                   | 205. |
| -2            | 60.                   | 192. | 40.                   | 151. |
| -1            | 41.                   | 128. | 66.                   | 77.  |
| 0             | 74.                   | 70.  | 91.                   | 51.  |
| 1             | 76.                   | 40.  | 84.                   | 36.  |
| 2             | 73.                   | 25.  | 67.                   | 23.  |
| 3             | 63.                   | 11.  | 54.                   | 6.   |
| 4             | 50.                   | 351. | 42.                   | 335. |
| 5             | 37.                   | 303. | 38.                   | 284. |
| 6             | 47.                   | 261. | 52.                   | 235. |



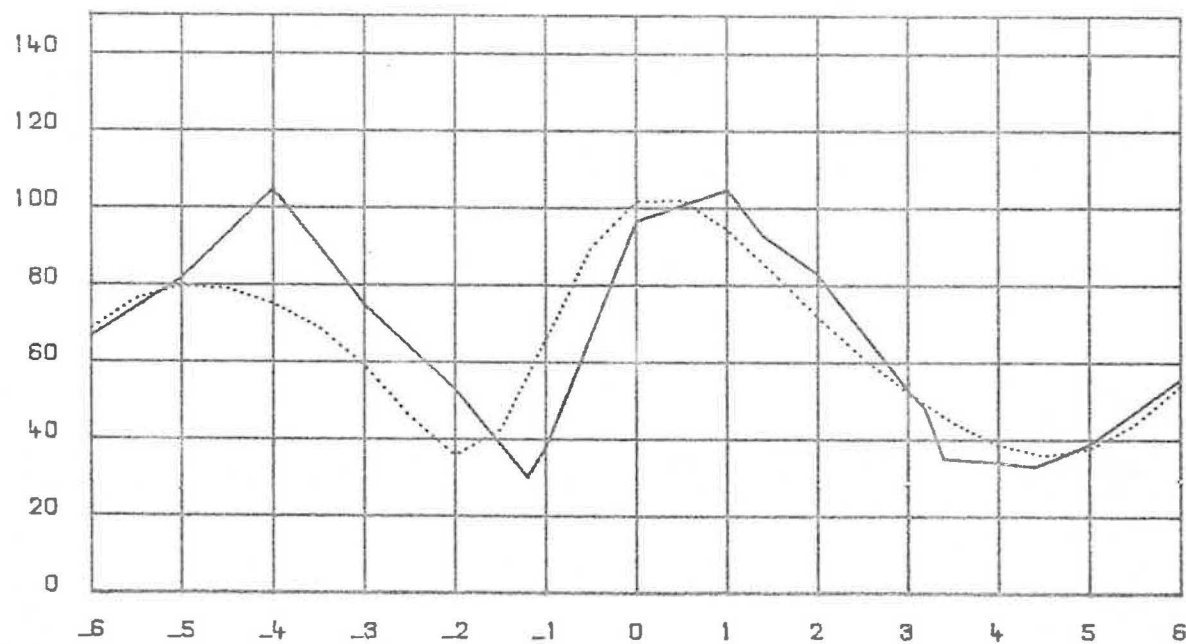
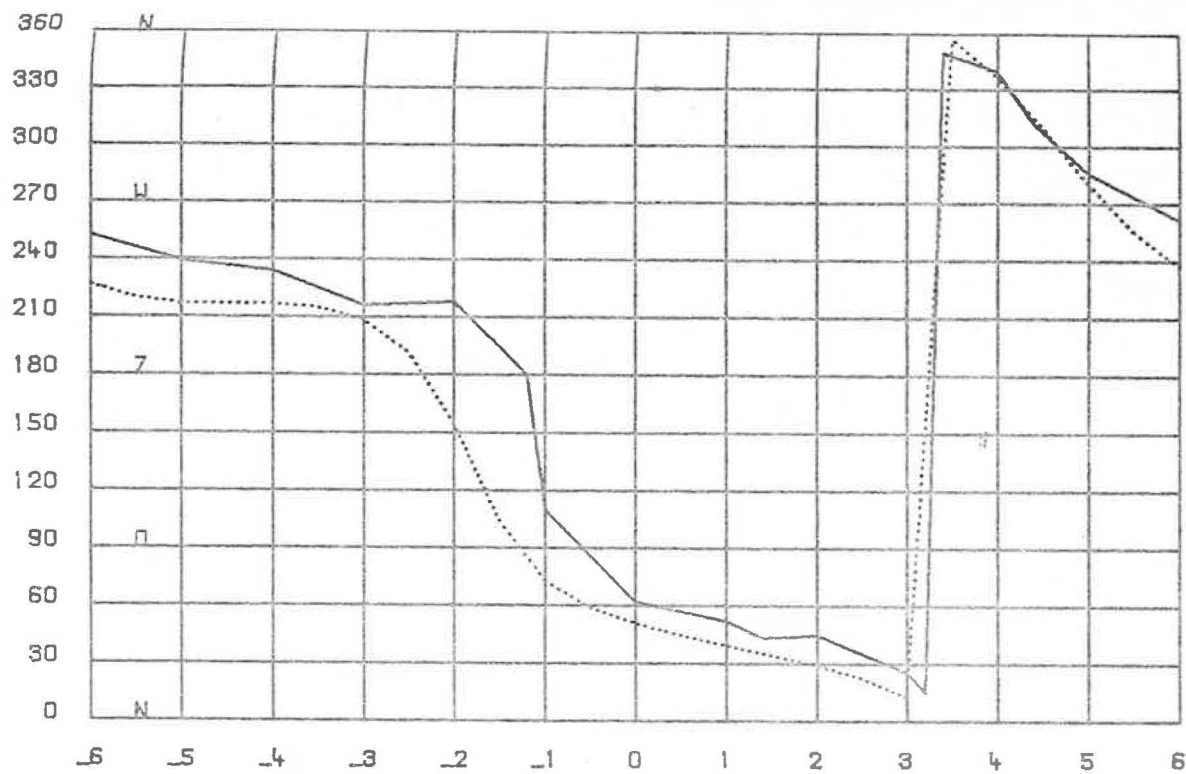
MEETPUNT 7



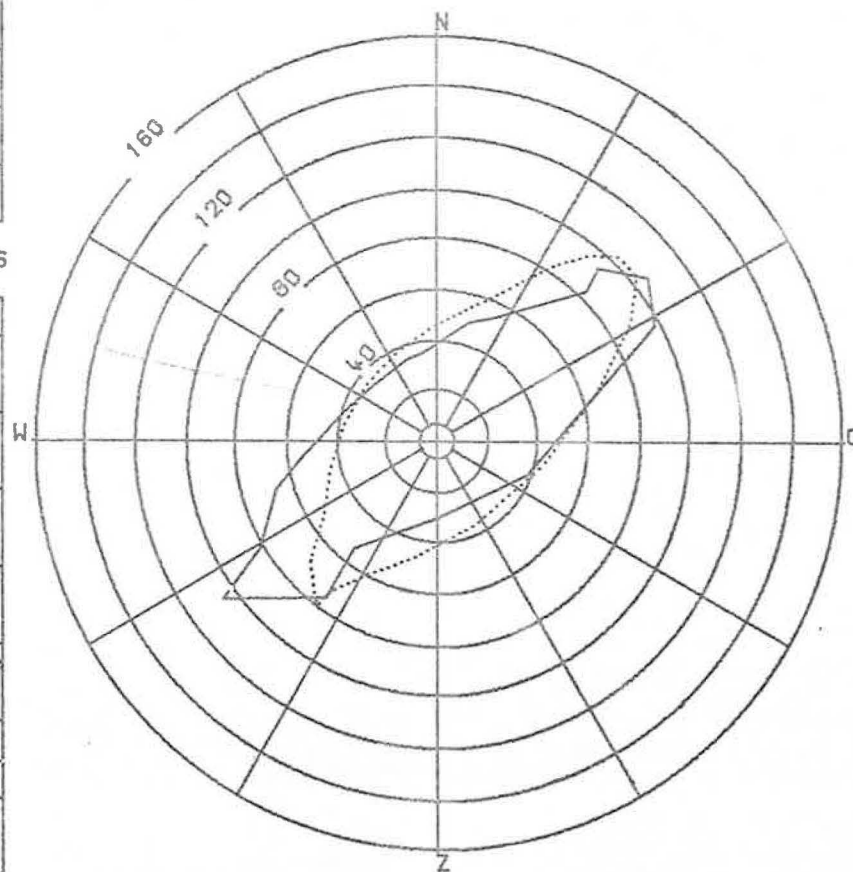
MEETPUNT : 8

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 67.                   | 253. | 69.                   | 227. |
| -5            | 82.                   | 239. | 80.                   | 217. |
| -4            | 105.                  | 234. | 75.                   | 217. |
| -3            | 75.                   | 216. | 59.                   | 208. |
| -2            | 53.                   | 218. | 36.                   | 154. |
| -1            | 38.                   | 110. | 66.                   | 73.  |
| 0             | 97.                   | 62.  | 102.                  | 51.  |
| 1             | 105.                  | 52.  | 95.                   | 39.  |
| 2             | 83.                   | 45.  | 72.                   | 29.  |
| 3             | 53.                   | 25.  | 52.                   | 12.  |
| 4             | 34.                   | 340. | 38.                   | 337. |
| 5             | 39.                   | 286. | 38.                   | 280. |
| 6             | 56.                   | 261. | 54.                   | 236. |



MEETPUNT 8

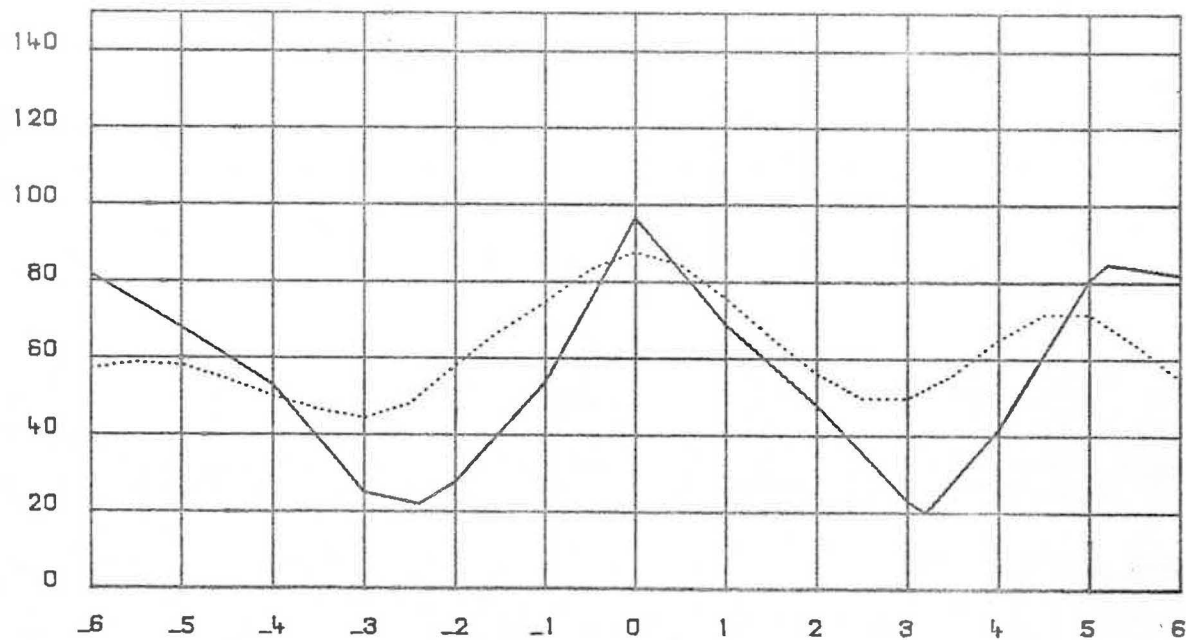
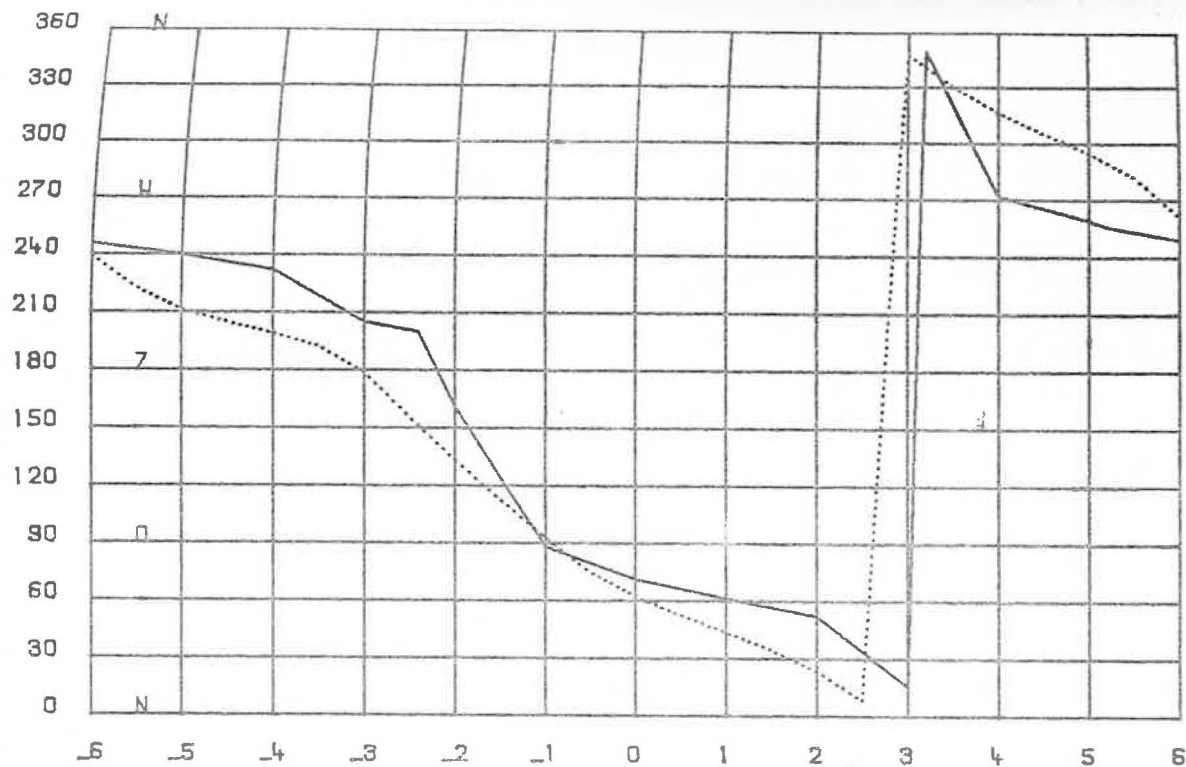


MEETPUNT : 9

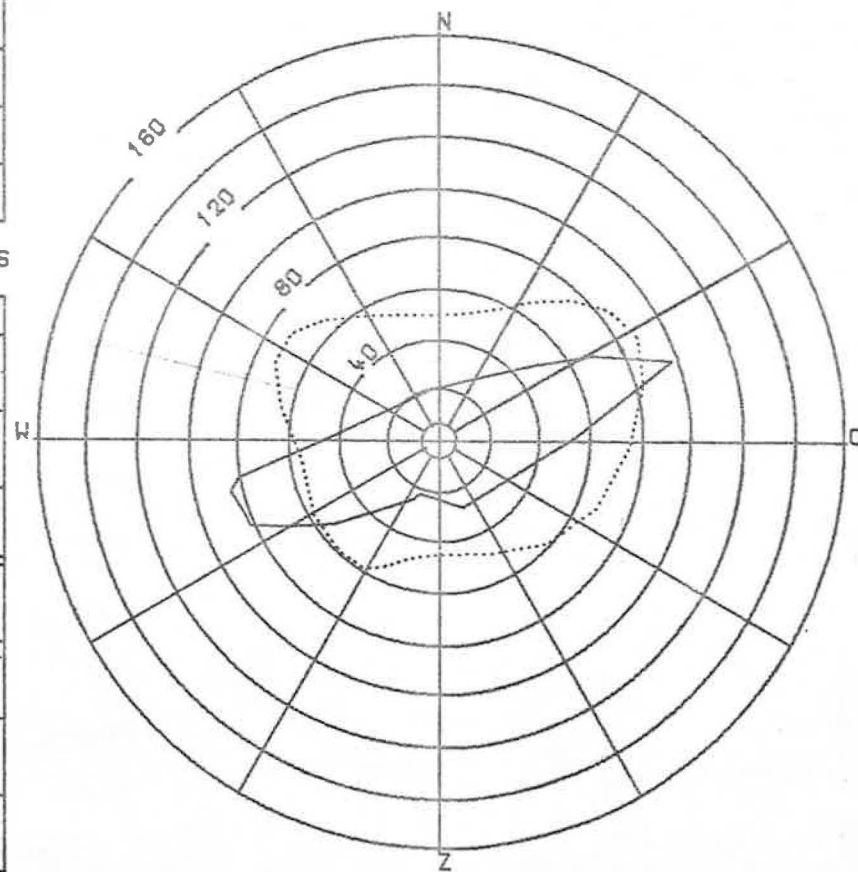
\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 82.                   | 246. | 58.                   | 240. |
| -5            | 68.                   | 240. | 58.                   | 211. |
| -4            | 53.                   | 232. | 50.                   | 199. |
| -3            | 25.                   | 205. | 44.                   | 178. |
| -2            | 28.                   | 161. | 58.                   | 133. |
| -1            | 54.                   | 88.  | 75.                   | 92.  |
| 0             | 97.                   | 71.  | 88.                   | 62.  |
| 1             | 69.                   | 61.  | 76.                   | 43.  |
| 2             | 48.                   | 52.  | 56.                   | 23.  |
| 3             | 23.                   | 15.  | 50.                   | 348. |
| 4             | 42.                   | 272. | 65.                   | 316. |
| 5             | 81.                   | 259. | 72.                   | 295. |
| 6             | 82.                   | 249. | 55.                   | 261. |





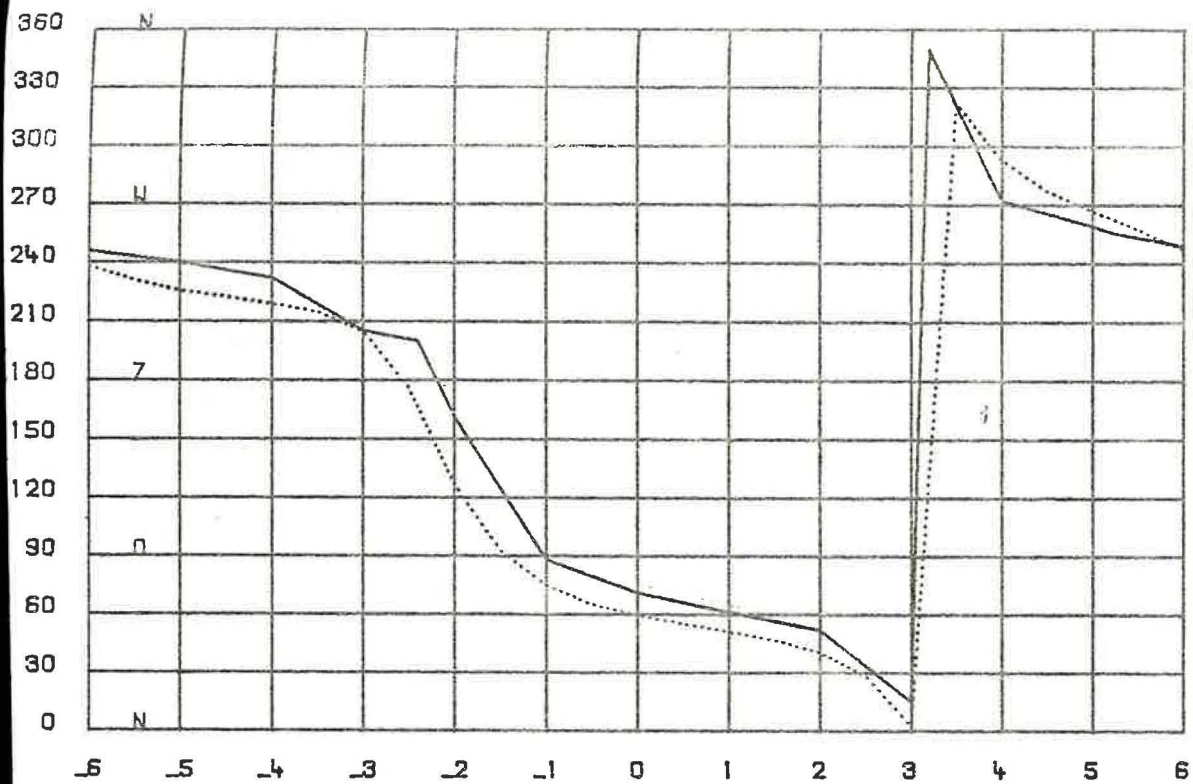
# MEETPUNT 9



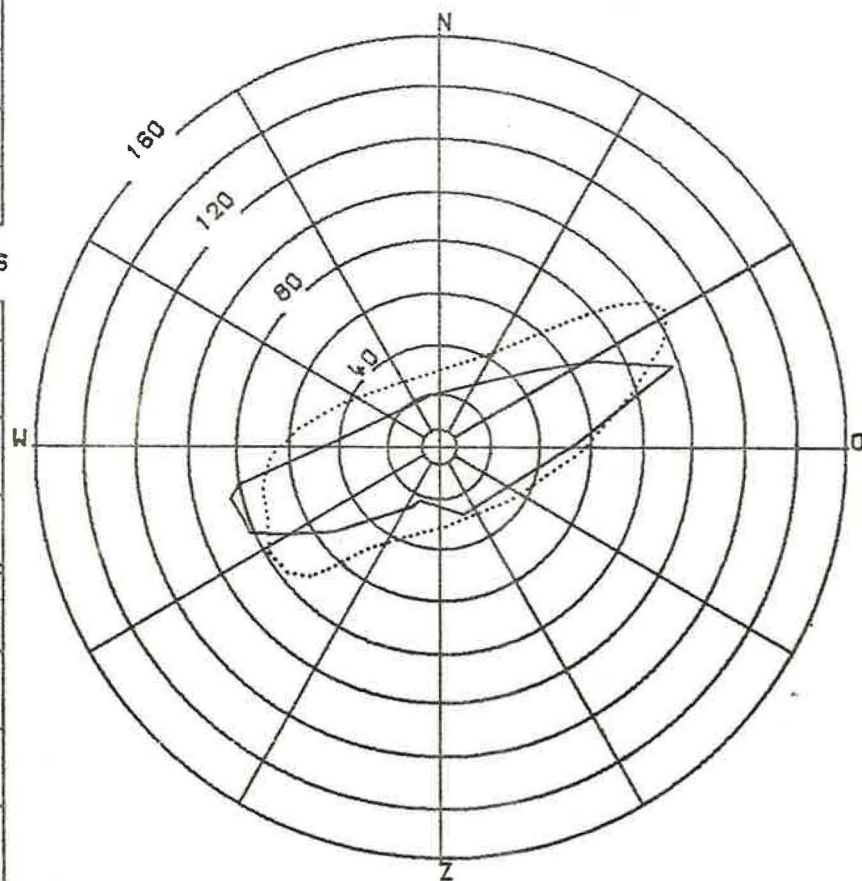
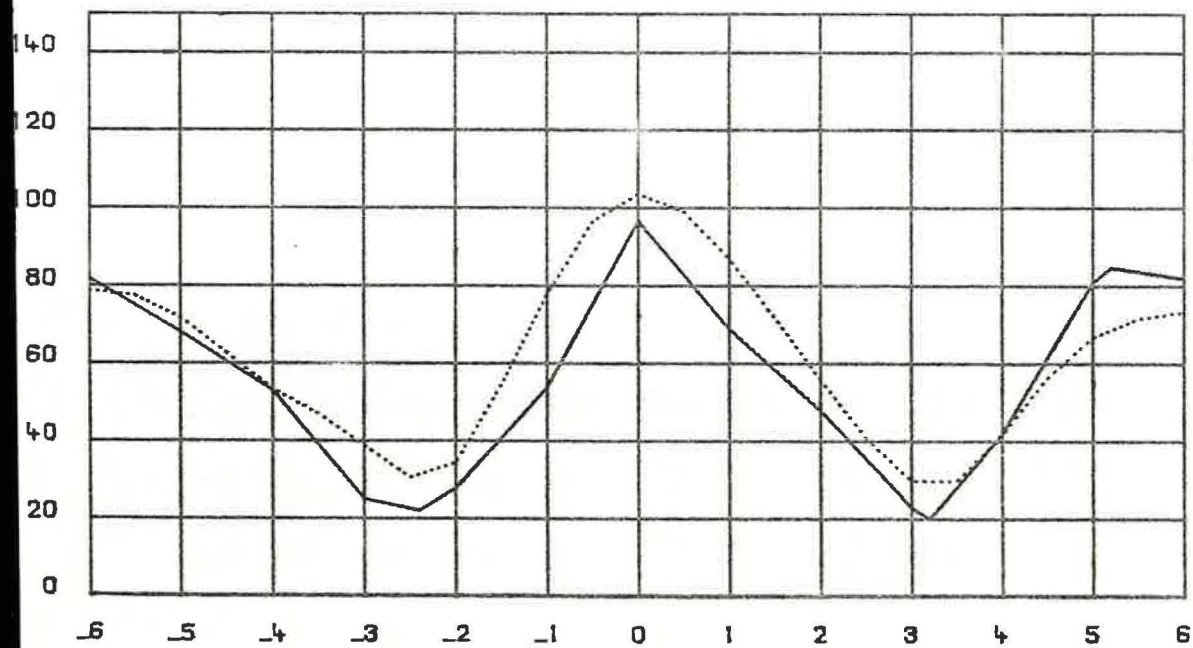
MEETPUNT : 10

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 82.                   | 246. | 79.                   | 238. |
| -5            | 68.                   | 240. | 72.                   | 225. |
| -4            | 53.                   | 232. | 53.                   | 219. |
| -3            | 25.                   | 205. | 39.                   | 204. |
| -2            | 28.                   | 161. | 35.                   | 126. |
| -1            | 54.                   | 88.  | 78.                   | 75.  |
| 0             | 97.                   | 71.  | 104.                  | 59.  |
| 1             | 69.                   | 61.  | 87.                   | 51.  |
| 2             | 48.                   | 52.  | 56.                   | 40.  |
| 3             | 23.                   | 15.  | 30.                   | 2.   |
| 4             | 42.                   | 272. | 42.                   | 293. |
| 5             | 81.                   | 259. | 67.                   | 267. |
| 6             | 82.                   | 249. | 74.                   | 247. |



MEETPUNT 10

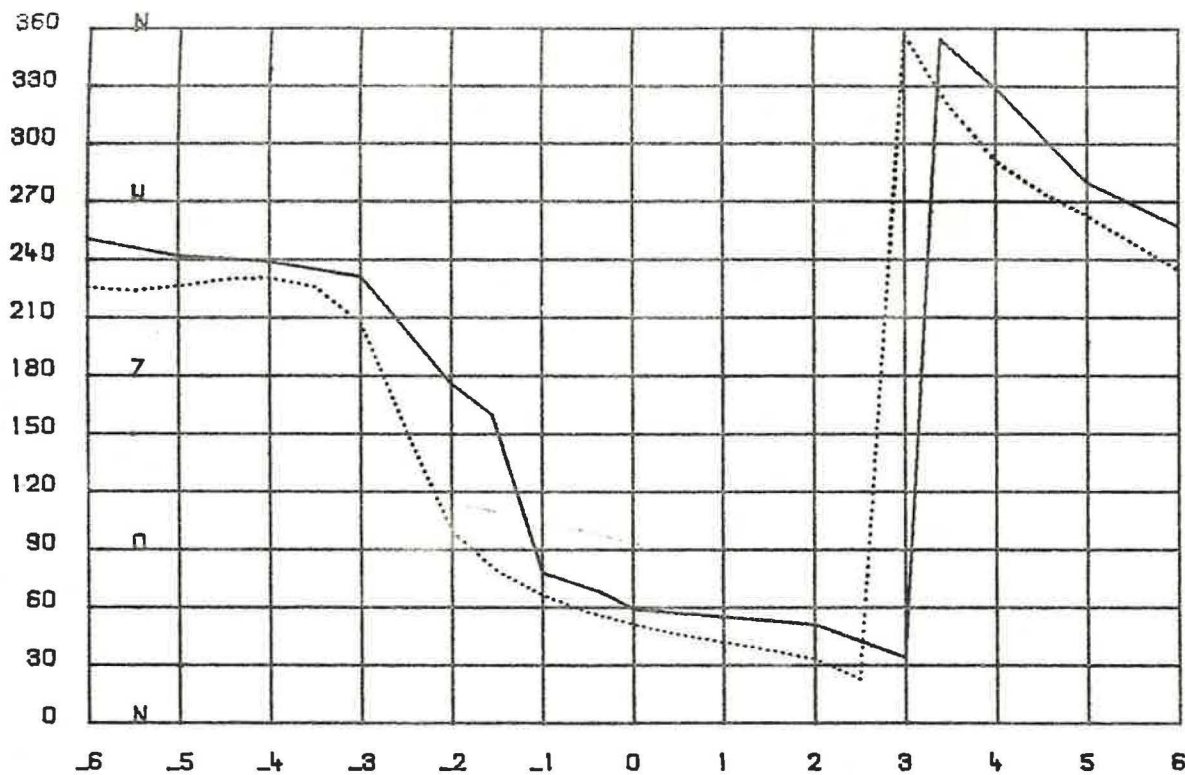


MEETPUNT : (B 73.51)

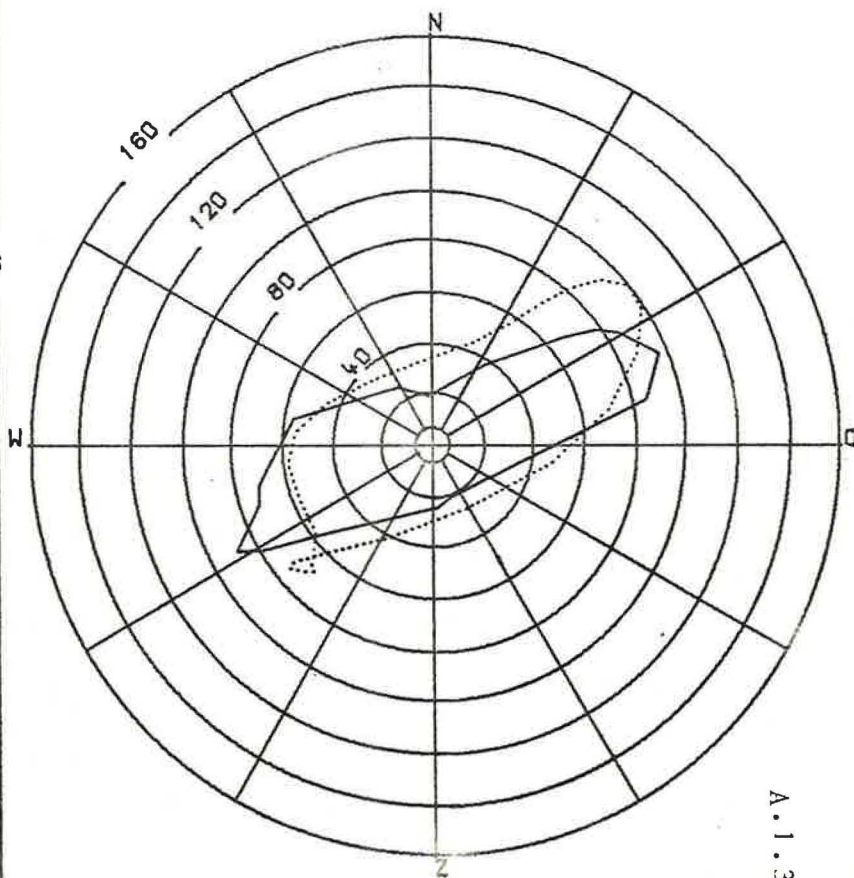
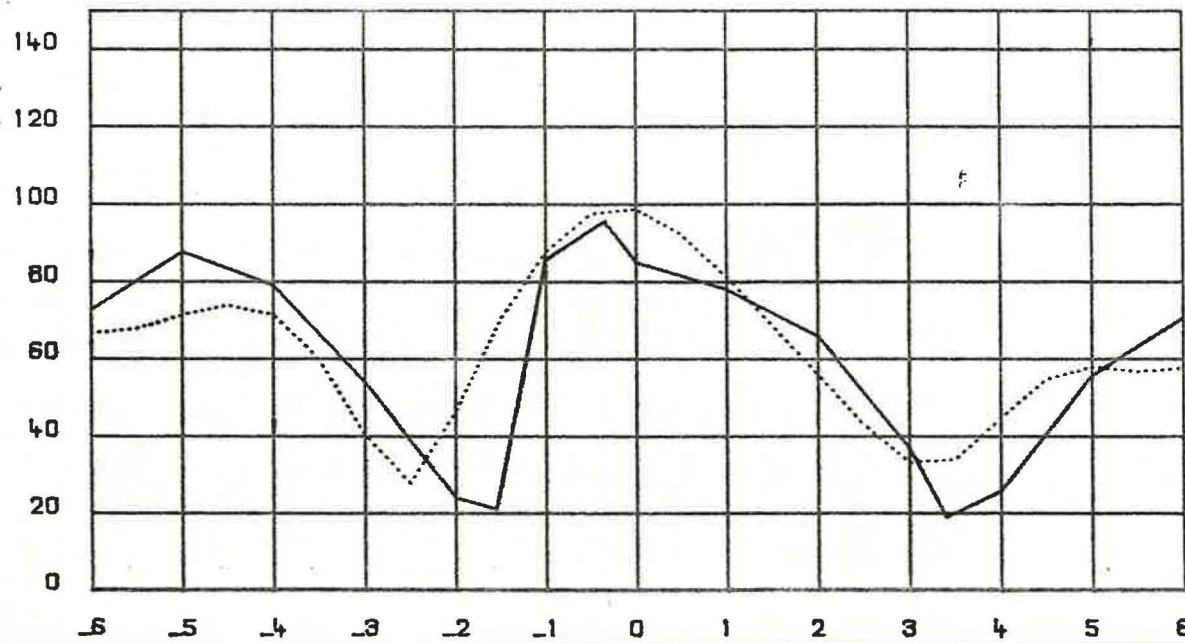
\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 73.                   | 251. | 67.                   | 226. |
| -5            | 88.                   | 242. | 71.                   | 227. |
| -4            | 79.                   | 239. | 72.                   | 231. |
| -3            | 54.                   | 231. | 40.                   | 207. |
| -2            | 24.                   | 176. | 47.                   | 99.  |
| -1            | 86.                   | 78.  | 88.                   | 66.  |
| 0             | 85.                   | 59.  | 99.                   | 51.  |
| 1             | 78.                   | 55.  | 81.                   | 42.  |
| 2             | 66.                   | 51.  | 56.                   | 33.  |
| 3             | 37.                   | 34.  | 33.                   | 357. |
| 4             | 26.                   | 329. | 45.                   | 291. |
| 5             | 56.                   | 280. | 58.                   | 262. |
| 6             | 71.                   | 257. | 58.                   | 234. |





MEETPUNT : (B 73.51)

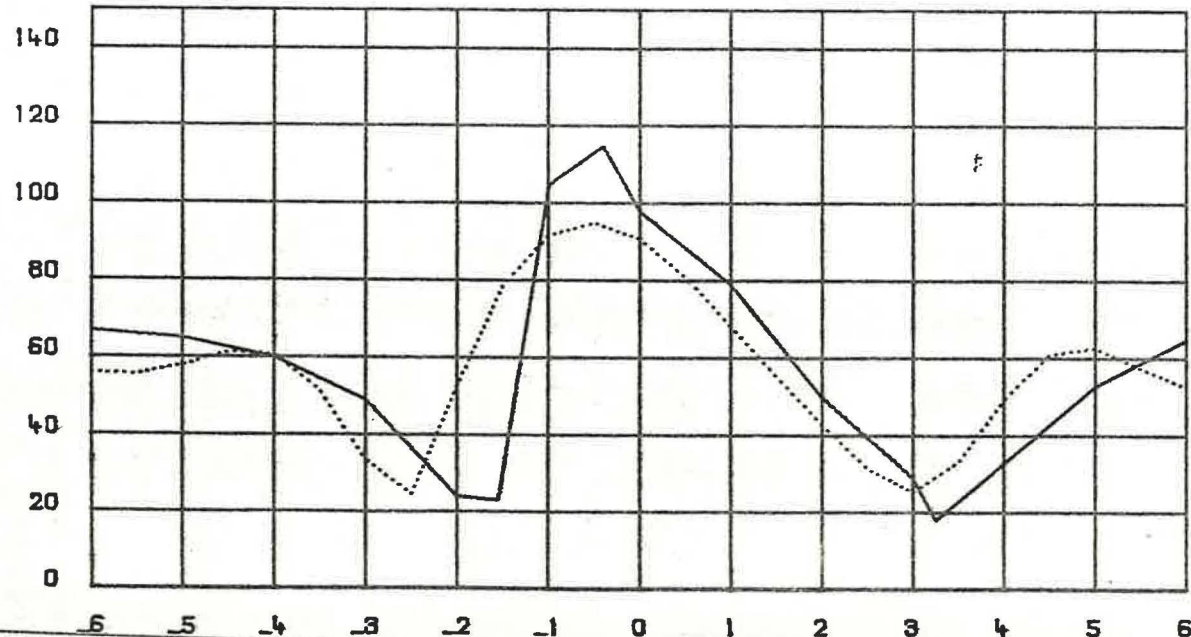
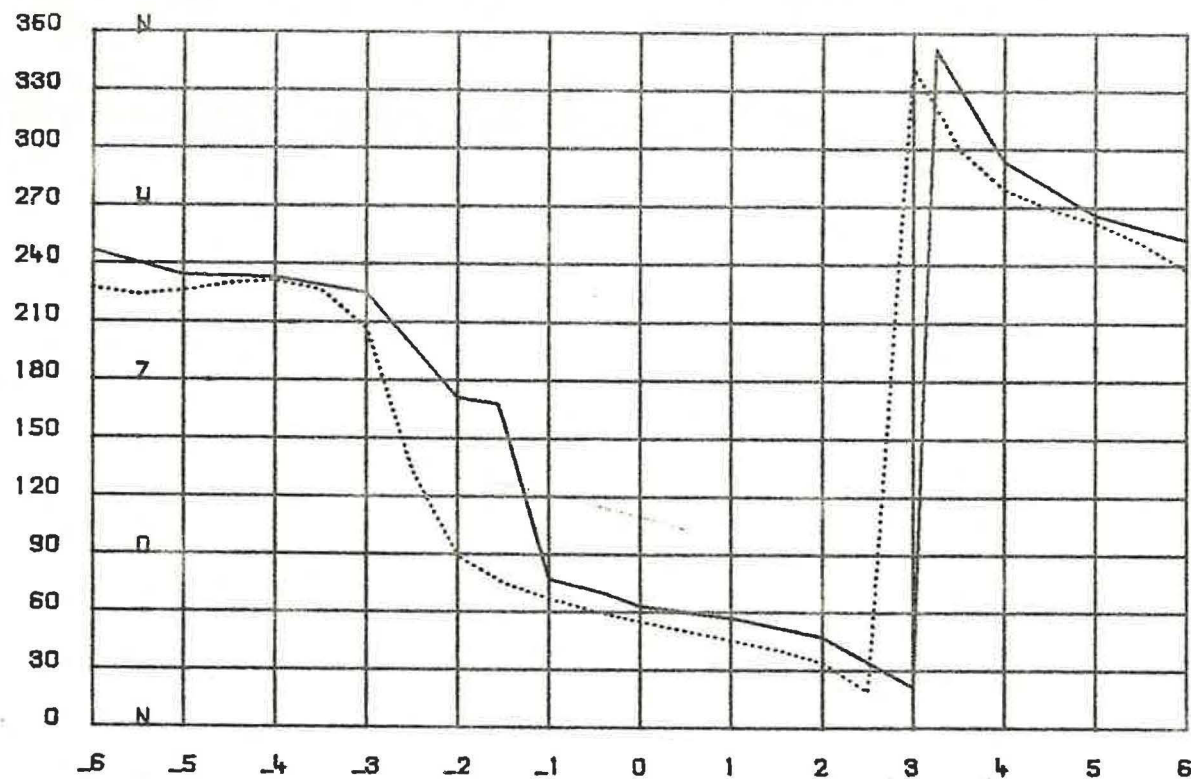


MEETPUNT : (B 73.22)

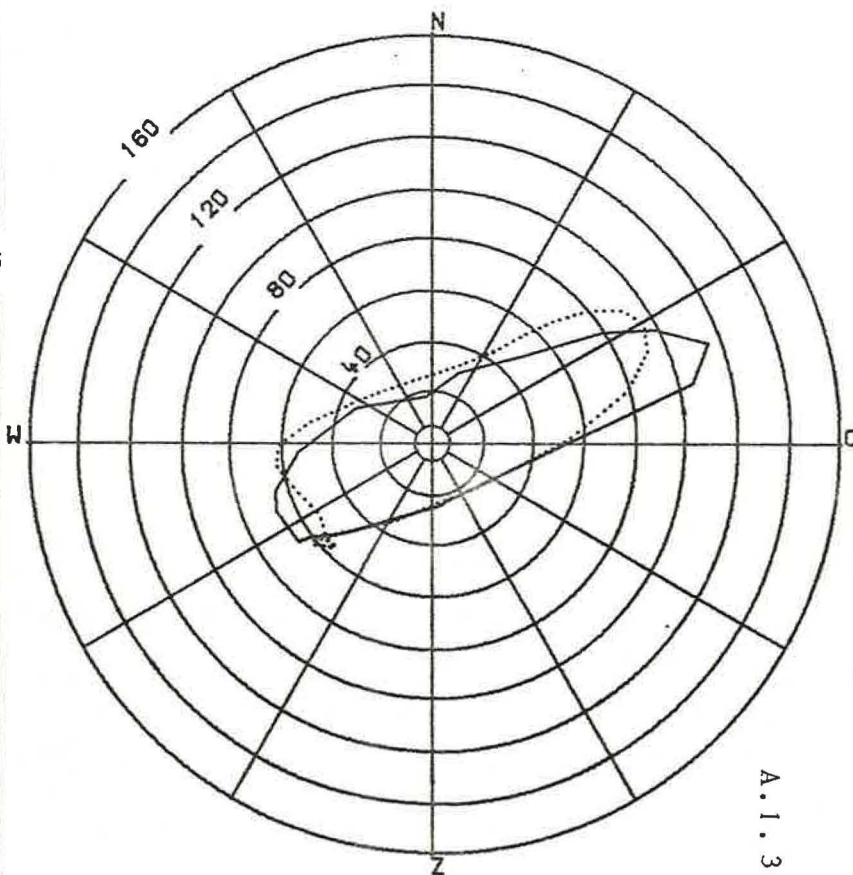
\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 67.                   | 247. | 56.                   | 228. |
| -5            | 65.                   | 234. | 58.                   | 226. |
| -4            | 60.                   | 233. | 61.                   | 232. |
| -3            | 49.                   | 225. | 33.                   | 207. |
| -2            | 24.                   | 171. | 53.                   | 88.  |
| -1            | 105.                  | 77.  | 92.                   | 67.  |
| 0             | 98.                   | 63.  | 91.                   | 55.  |
| 1             | 79.                   | 57.  | 68.                   | 45.  |
| 2             | 50.                   | 47.  | 43.                   | 34.  |
| 3             | 29.                   | 21.  | 25.                   | 342. |
| 4             | 33.                   | 294. | 49.                   | 279. |
| 5             | 53.                   | 266. | 63.                   | 262. |
| 6             | 65.                   | 253. | 52.                   | 237. |





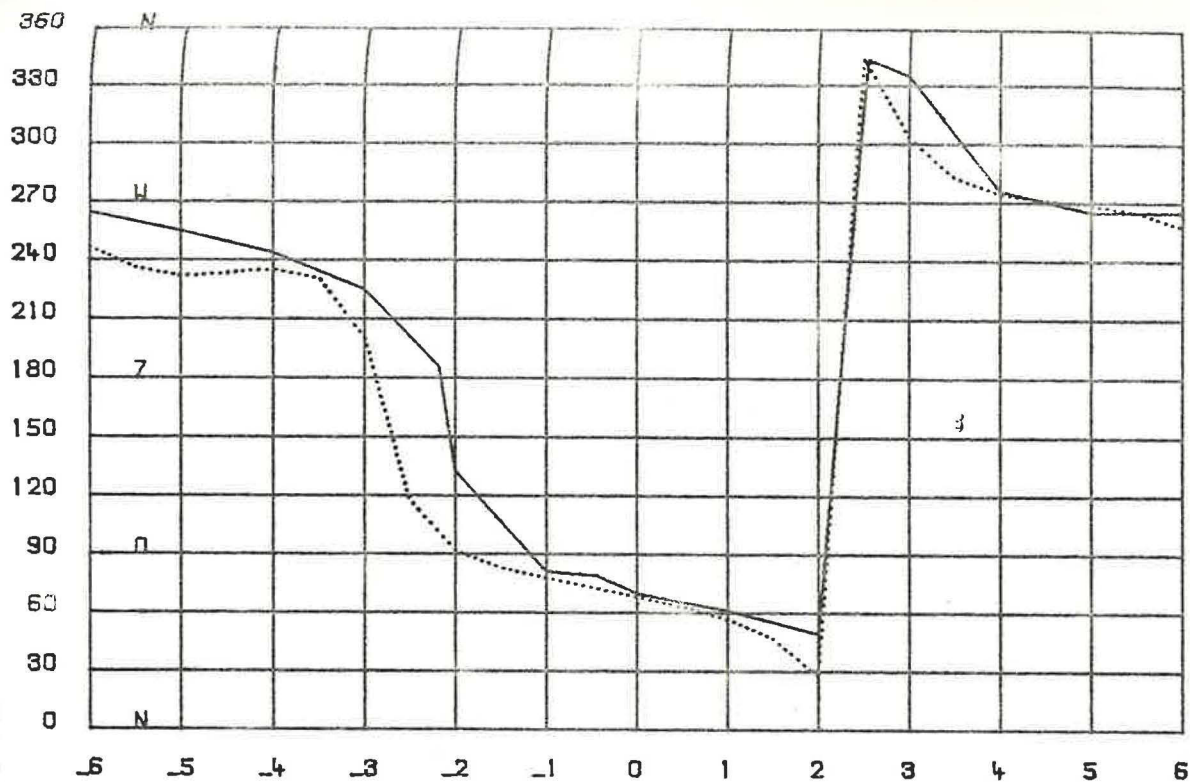
MEETPUNT : (B 73.22)



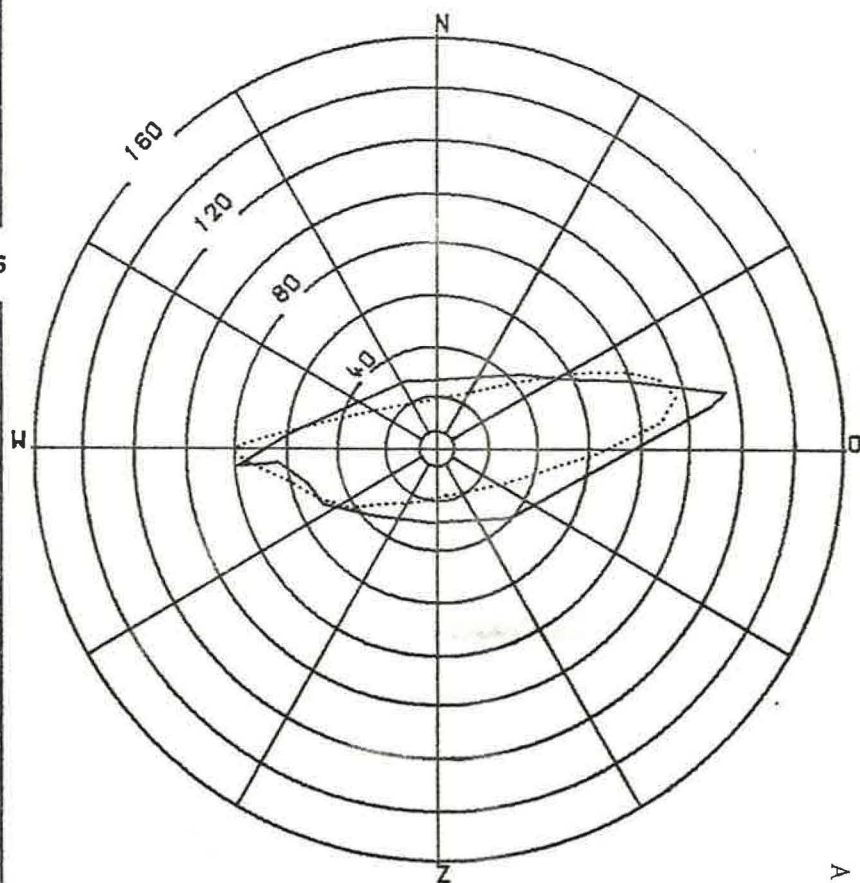
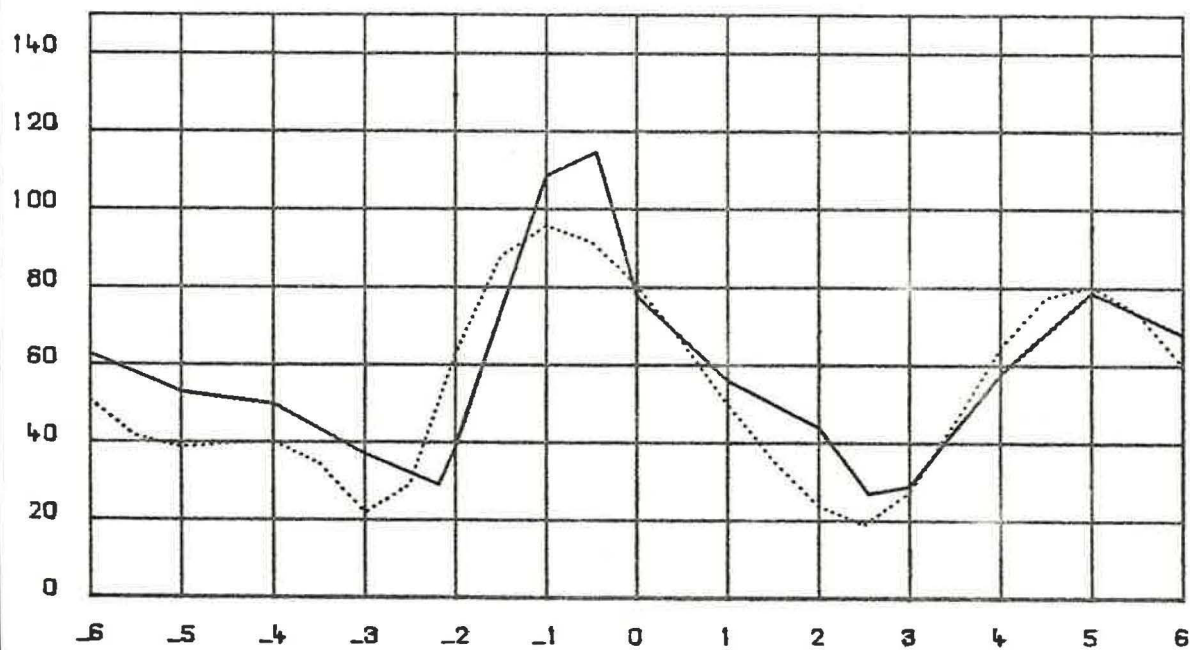
MEETPUNT : (B 73.41)

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 63.                   | 265. | 51.                   | 247. |
| -5            | 53.                   | 255. | 39.                   | 232. |
| -4            | 50.                   | 244. | 40.                   | 236. |
| -3            | 37.                   | 225. | 22.                   | 200. |
| -2            | 39.                   | 133. | 63.                   | 91.  |
| -1            | 109.                  | 81.  | 96.                   | 78.  |
| 0             | 78.                   | 70.  | 81.                   | 68.  |
| 1             | 56.                   | 61.  | 50.                   | 57.  |
| 2             | 44.                   | 49.  | 24.                   | 27.  |
| 3             | 29.                   | 335. | 27.                   | 303. |
| 4             | 58.                   | 276. | 65.                   | 274. |
| 5             | 79.                   | 265. | 81.                   | 269. |
| 6             | 68.                   | 265. | 60.                   | 257. |



MEETPUNT : (B 73.41)

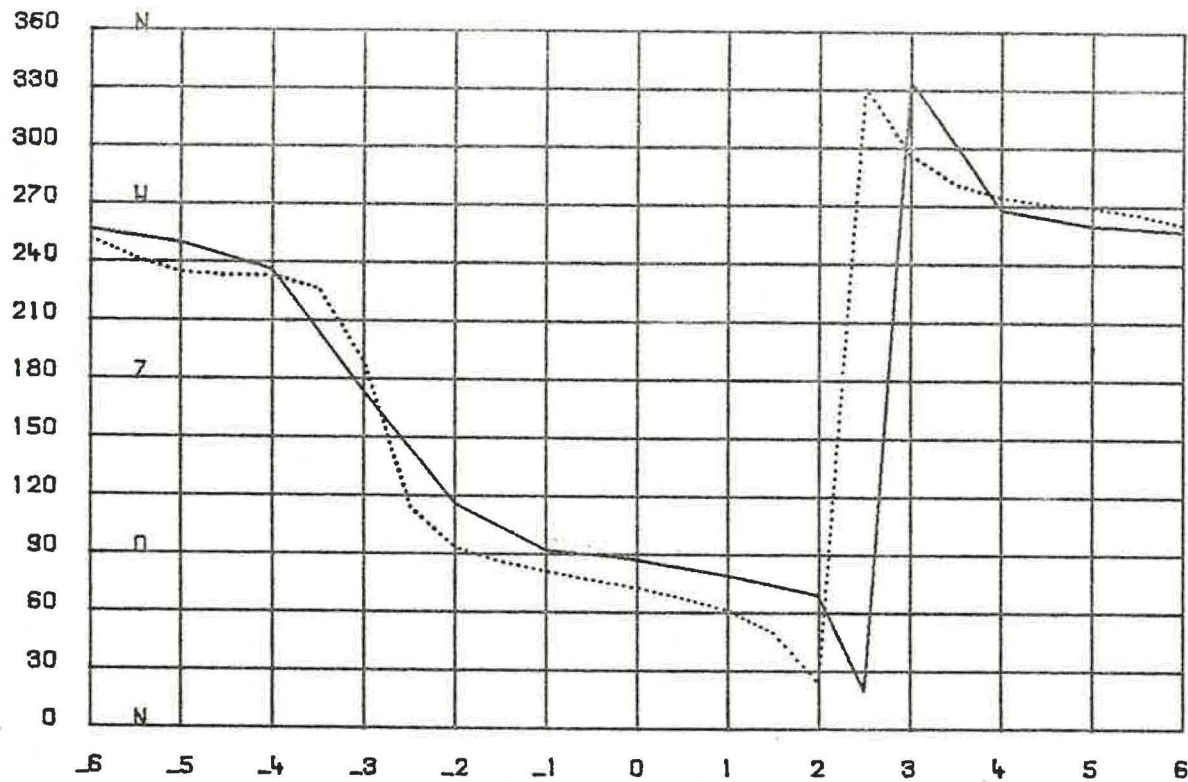


MEETPUNT : (B 73.14)

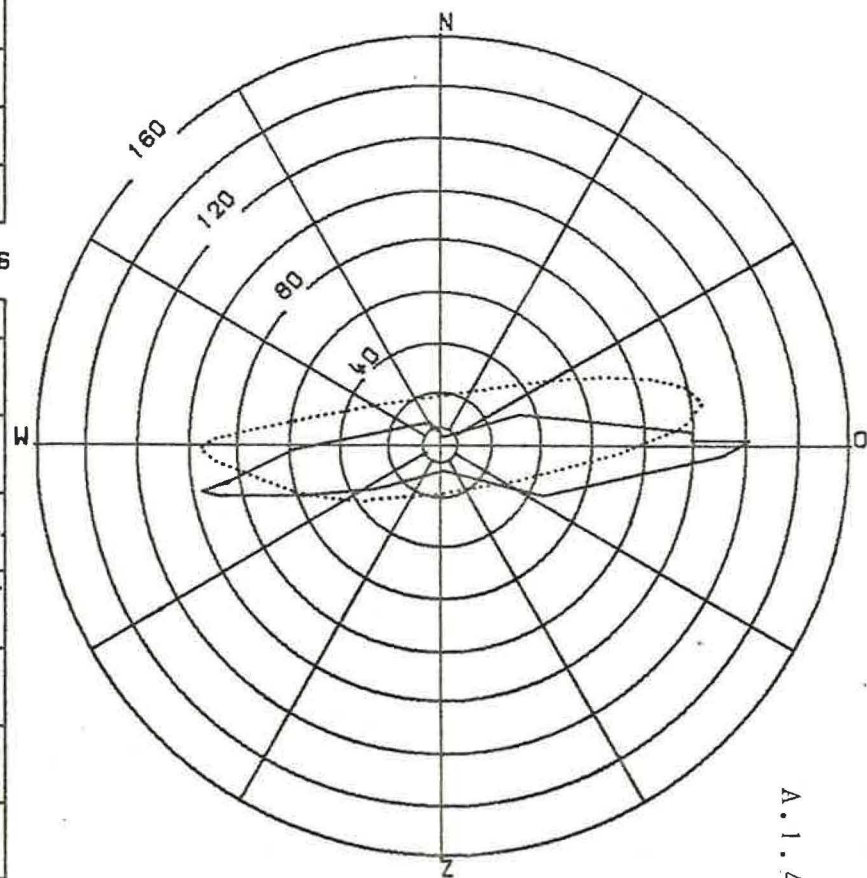
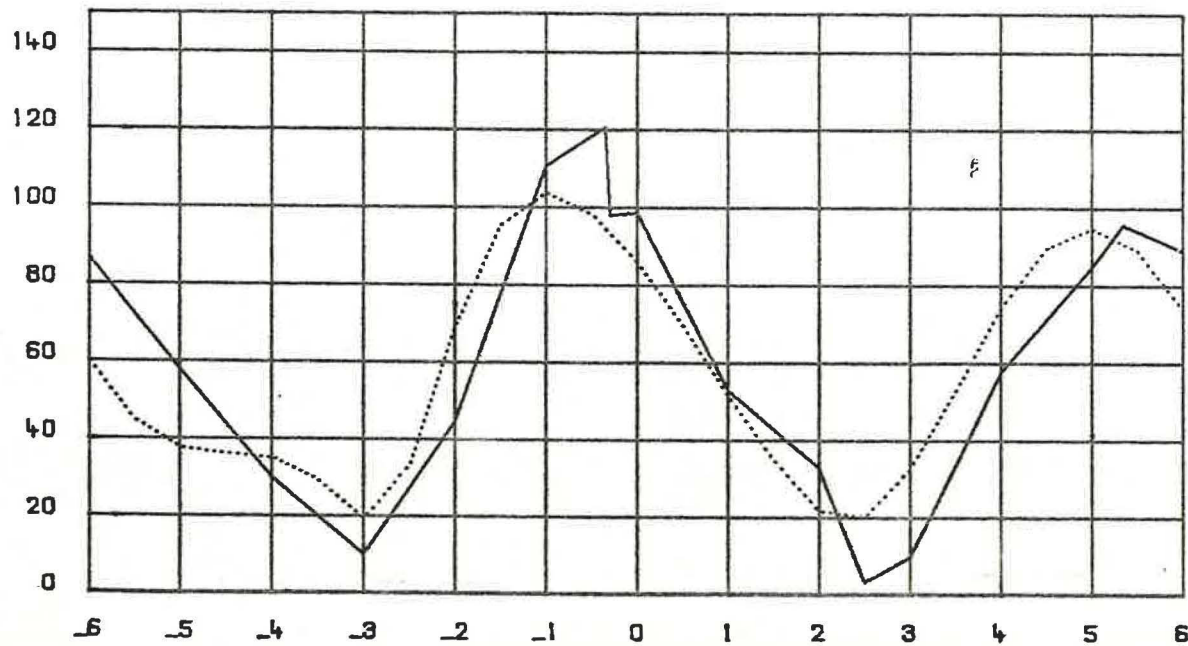
\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 87.                   | 257. | 60.                   | 252. |
| -5            | 58.                   | 250. | 38.                   | 234. |
| -4            | 30.                   | 236. | 35.                   | 233. |
| -3            | 10.                   | 173. | 19.                   | 188. |
| -2            | 45.                   | 116. | 69.                   | 93.  |
| -1            | 111.                  | 92.  | 104.                  | 81.  |
| 0             | 99.                   | 87.  | 86.                   | 72.  |
| 1             | 53.                   | 79.  | 51.                   | 61.  |
| 2             | 33.                   | 69.  | 22.                   | 24.  |
| 3             | 10.                   | 335. | 33.                   | 296. |
| 4             | 58.                   | 268. | 74.                   | 274. |
| 5             | 85.                   | 260. | 95.                   | 269. |
| 6             | 89.                   | 257. | 74.                   | 260. |





MEETPUNT : (B 73.14)



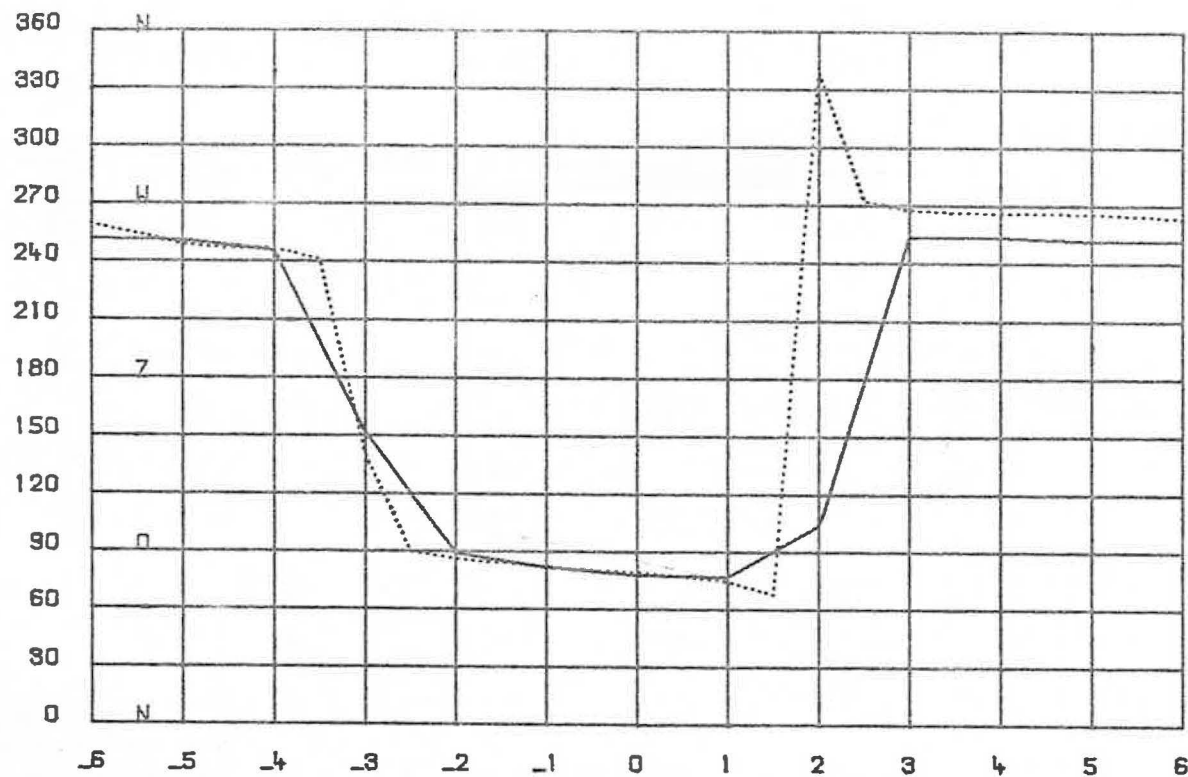
A.1.40.

MEETPUNT : (B 73.12)

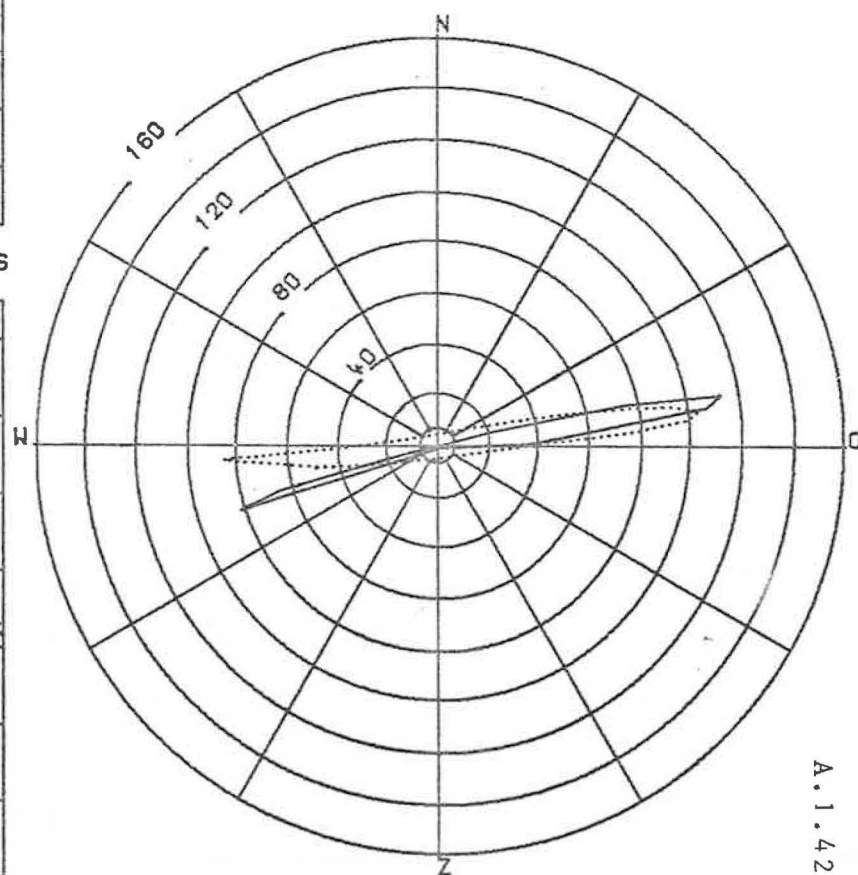
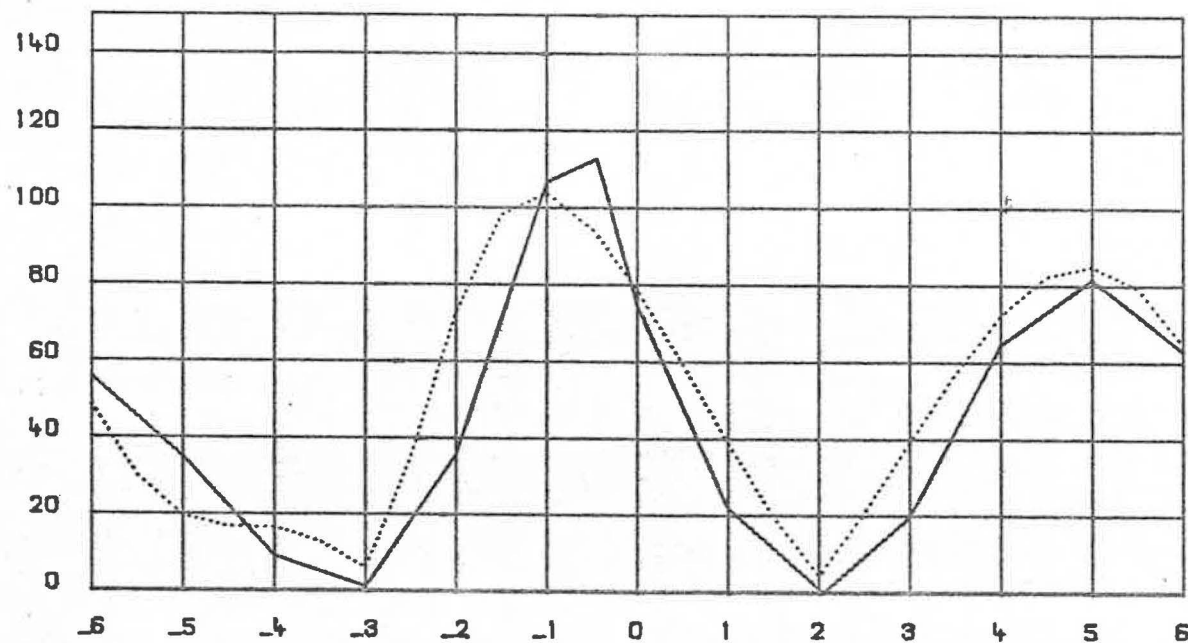
\*\*\*\*\*

| TIJD<br>---- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|--------------|-----------------------|------|-----------------------|------|
|              | AM                    | PHA  | AM                    | PHA  |
| -6           | 56.                   | 252. | 49.                   | 260. |
| -5           | 35.                   | 251. | 20.                   | 249. |
| -4           | 9.                    | 246. | 17.                   | 247. |
| -3           | 1.                    | 152. | 6.                    | 140. |
| -2           | 36.                   | 89.  | 73.                   | 86.  |
| -1           | 107.                  | 82.  | 104.                  | 82.  |
| 0            | 75.                   | 78.  | 78.                   | 79.  |
| 1            | 22.                   | 77.  | 39.                   | 75.  |
| 2            | 1.                    | 104. | 4.                    | 340. |
| 3            | 20.                   | 254. | 40.                   | 268. |
| 4            | 65.                   | 254. | 73.                   | 266. |
| 5            | 82.                   | 252. | 85.                   | 266. |
| 6            | 63.                   | 252. | 65.                   | 263. |





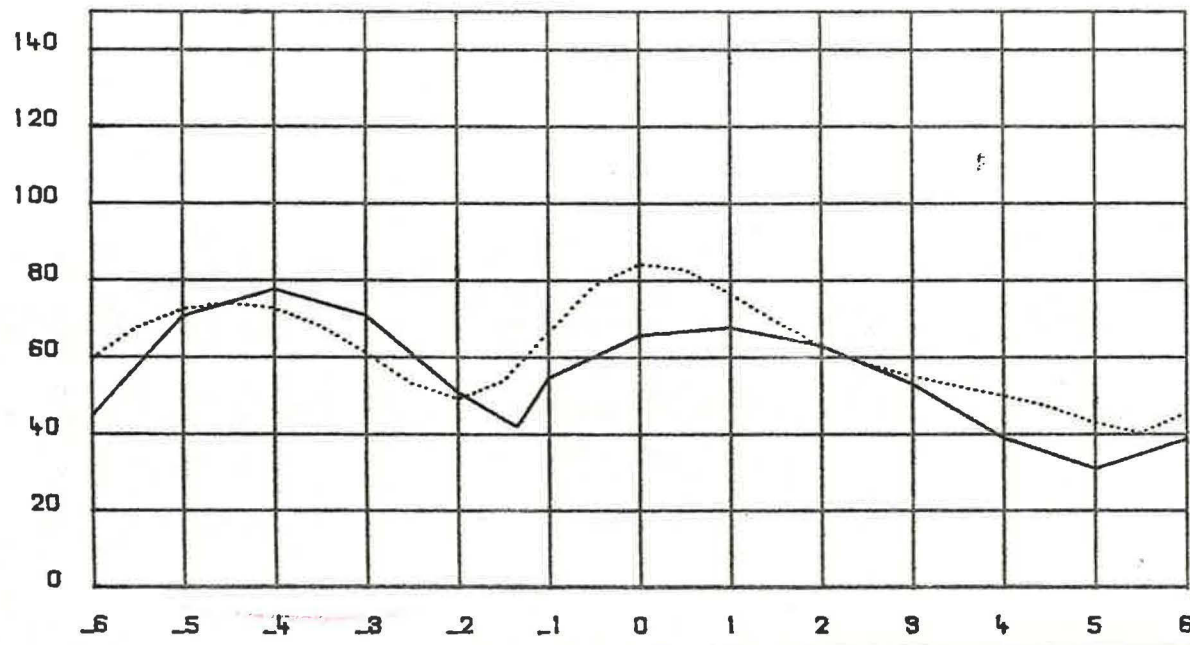
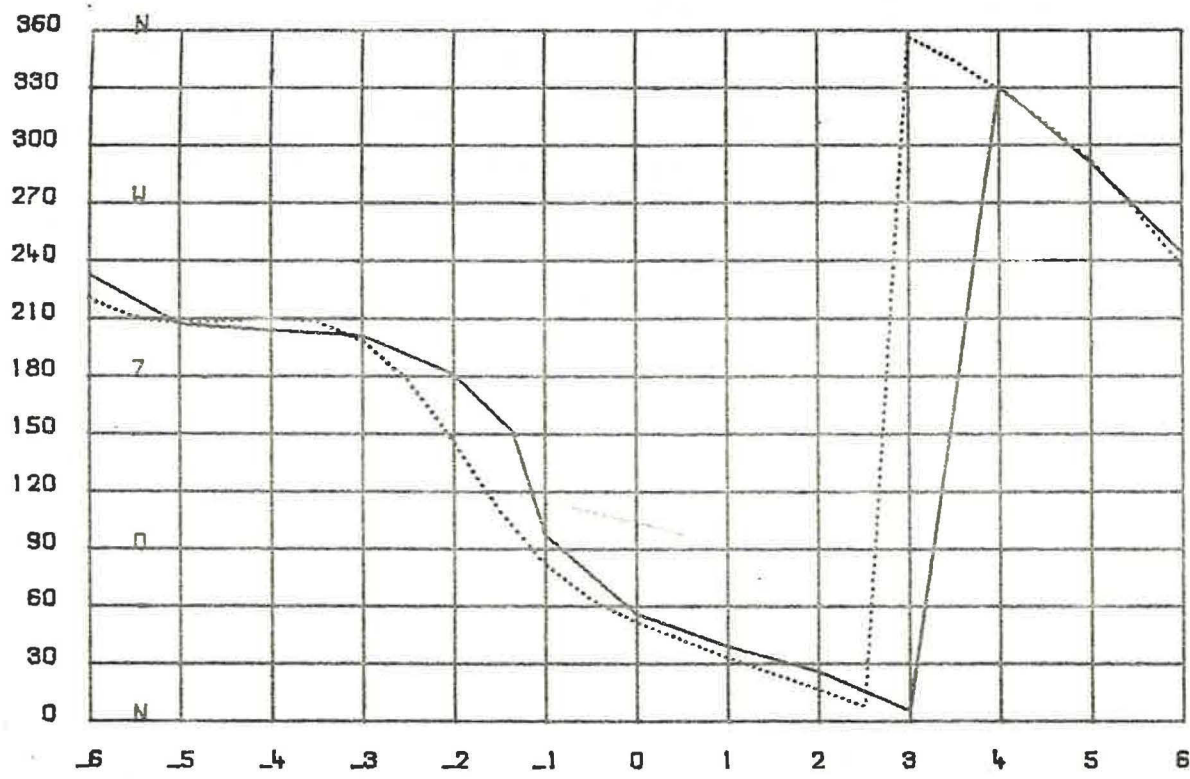
MEETPUNT : (B 73.12)



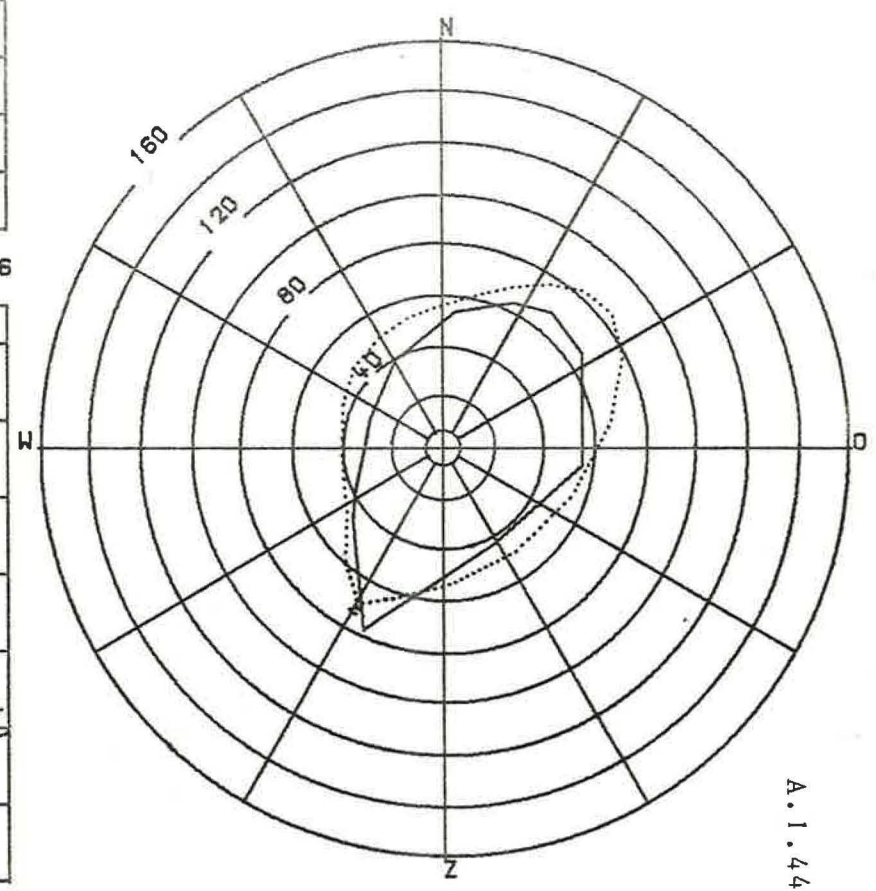
MEETPUNT : (B 72.03)

\*\*\*\*\*

| TIJD<br>---- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|--------------|-----------------------|------|-----------------------|------|
|              | AM                    | PHA  | AM                    | PHA  |
| -6           | 45.                   | 233. | 60.                   | 221. |
| -5           | 71.                   | 207. | 73.                   | 208. |
| -4           | 78.                   | 204. | 73.                   | 211. |
| -3           | 71.                   | 201. | 61.                   | 198. |
| -2           | 51.                   | 181. | 49.                   | 145. |
| -1           | 55.                   | 97.  | 67.                   | 81.  |
| 0            | 66.                   | 56.  | 84.                   | 52.  |
| 1            | 68.                   | 39.  | 76.                   | 33.  |
| 2            | 63.                   | 26.  | 63.                   | 16.  |
| 3            | 53.                   | 5.   | 55.                   | 357. |
| 4            | 39.                   | 331. | 50.                   | 329. |
| 5            | 31.                   | 291. | 43.                   | 292. |
| 6            | 39.                   | 244. | 46.                   | 237. |



MEETPUNT : (B 72.03)

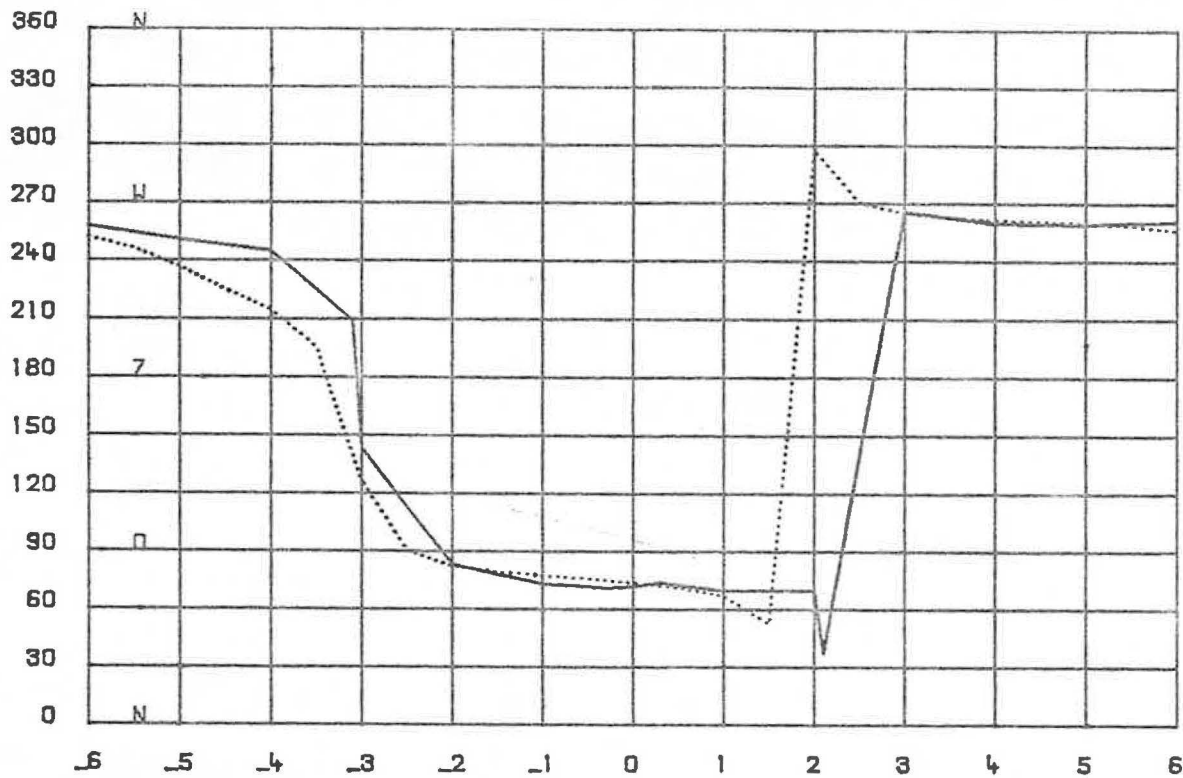


A.1.44.

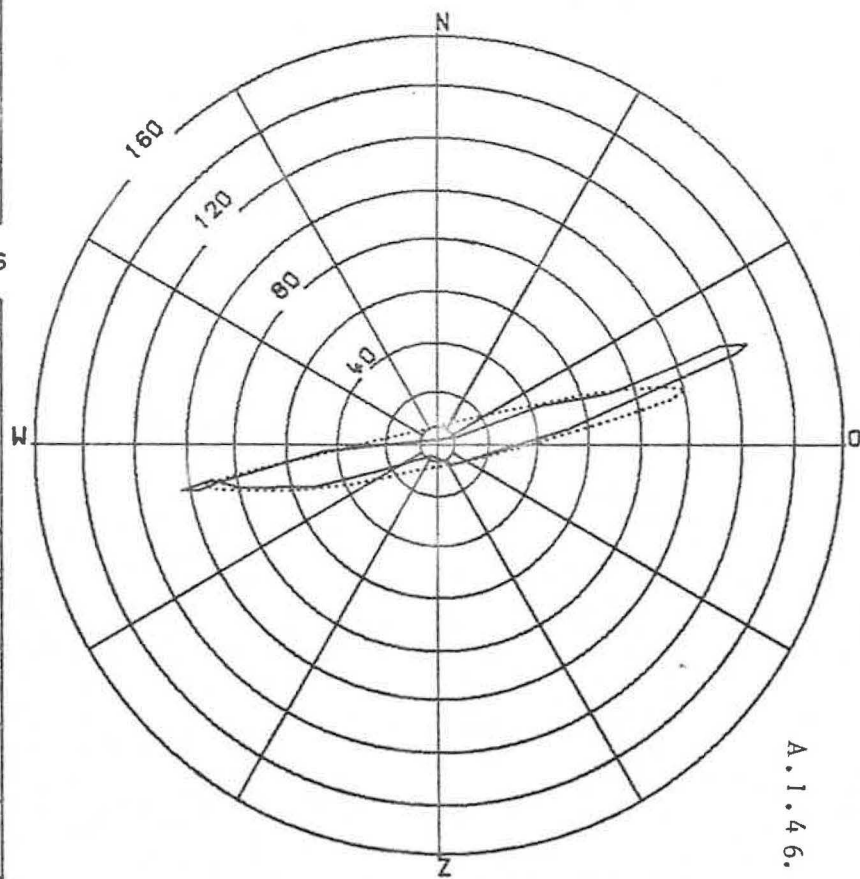
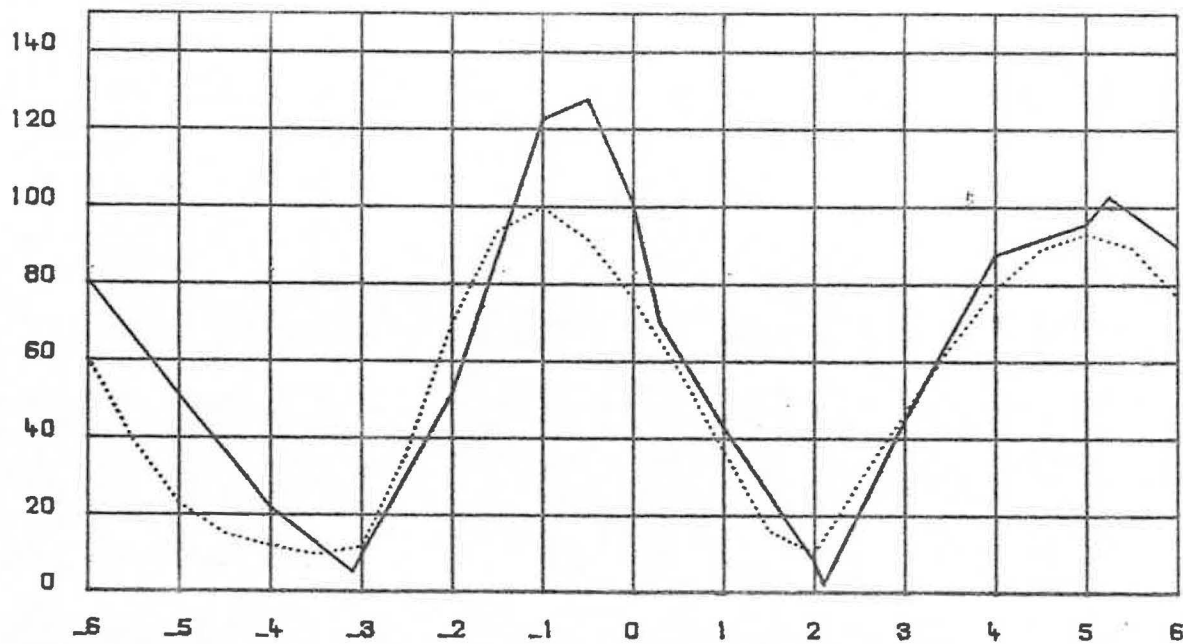
MEETPUNT : (B 73.02)

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 81.                   | 258. | 61.                   | 252. |
| -5            | 51.                   | 251. | 23.                   | 237. |
| -4            | 22.                   | 245. | 12.                   | 215. |
| -3            | 10.                   | 143. | 12.                   | 126. |
| -2            | 52.                   | 83.  | 70.                   | 82.  |
| -1            | 123.                  | 73.  | 100.                  | 78.  |
| 0             | 101.                  | 72.  | 76.                   | 74.  |
| 1             | 43.                   | 70.  | 37.                   | 67.  |
| 2             | 8.                    | 70.  | 10.                   | 298. |
| 3             | 45.                   | 266. | 47.                   | 265. |
| 4             | 88.                   | 260. | 79.                   | 261. |
| 5             | 96.                   | 259. | 93.                   | 260. |
| 6             | 90.                   | 261. | 77.                   | 256. |



MEETPUNT : (B 73.02)



A.1.46.

MEETPUNT : ( B 71.37 )

\*\*\*\*\*

| TIJD<br>----- | WAARNEMINGEN<br>----- |      | BEREKENINGEN<br>----- |      |
|---------------|-----------------------|------|-----------------------|------|
|               | AM                    | PHA  | AM                    | PHA  |
| -6            | 106.                  | 245. | 82.                   | 256. |
| -5            | 61.                   | 244. | 27.                   | 246. |
| -4            | 13.                   | 199. | 11.                   | 116. |
| -3            | 32.                   | 107. | 25.                   | 92.  |
| -2            | 56.                   | 87.  | 74.                   | 80.  |
| -1            | 127.                  | 75.  | 116.                  | 78.  |
| 0             | 133.                  | 72.  | 93.                   | 76.  |
| 1             | 64.                   | 73.  | 43.                   | 71.  |
| 2             | 28.                   | 342. | 17.                   | 280. |
| 3             | 50.                   | 250. | 64.                   | 263. |
| 4             | 113.                  | 247. | 97.                   | 260. |
| 5             | 125.                  | 246. | 113.                  | 259. |
| 6             | 116.                  | 245. | 100.                  | 258. |



B I J L A G E    2

Resultaten referentietoestand.  
Model met mazen van 1.000 m na  
aanpassing randvoorwaarden.

DIEPTE IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 17 | 21 | 23 | 23 | 23 | 21 | 20 | 17 | 15 | 15 | 15 | 16 | 15 | 15 | 15 | 13 | 13 | 11 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 8  | 7  | 7  | 6  | 5  | 7  | 16 | 13 | 8  | 9  | 7  | 4  | 2  | 99 |    |    |
| 64 | 24 | 24 | 23 | 22 | 20 | 18 | 15 | 13 | 15 | 15 | 14 | 14 | 15 | 14 | 12 | 12 | 10 | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  | 11 | 7  | 5  | 4  | 4  | 4  | 9  | 22 | 10 | 3  | 99 | 99 | 99 | 99 | 99 |    |    |
| 62 | 22 | 21 | 19 | 15 | 14 | 13 | 11 | 14 | 13 | 14 | 12 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 9  | 11 | 8  | 5  | 4  | 3  | 7  | 10 | 23 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 60 | 18 | 16 | 14 | 13 | 12 | 11 | 12 | 12 | 13 | 12 | 11 | 12 | 11 | 10 | 9  | 8  | 9  | 8  | 9  | 8  | 7  | 7  | 7  | 8  | 8  | 10 | 9  | 7  | 6  | 4  | 8  | 8  | 19 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 58 | 14 | 13 | 13 | 13 | 12 | 11 | 11 | 10 | 12 | 11 | 11 | 10 | 10 | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 6  | 6  | 5  | 9  | 6  | 21 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 56 | 15 | 15 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 9  | 9  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 7  | 7  | 7  | 7  | 7  | 5  | 5  | 8  | 8  | 9  | 15 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 54 | 16 | 15 | 14 | 14 | 13 | 11 | 11 | 10 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 7  | 7  | 8  | 7  | 7  | 6  | 6  | 6  | 7  | 6  | 6  | 7  | 6  | 7  | 9  | 5  | 14 | 4  | 99 | 99 | 99 | 99 | 99 |    |    |
| 52 | 14 | 13 | 12 | 13 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 8  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 7  | 7  | 6  | 9  | 7  | 5  | 15 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 50 | 12 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 8  | 5  | 8  | 8  | 6  | 7  | 8  | 99 | 99 | 99 | 99 |    |    |
| 48 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 4  | 4  | 4  | 5  | 6  | 7  | 6  | 6  | 7  | 8  | 6  | 11 | 99 | 99 | 99 | 99 |    |    |
| 46 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 9  | 8  | 5  | 4  | 5  | 5  | 6  | 7  | 8  | 5  | 7  | 6  | 8  | 10 | 99 | 99 | 99 | 99 |    |    |    |
| 44 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 11 | 10 | 10 | 10 | 11 | 12 | 13 | 14 | 12 | 10 | 9  | 9  | 9  | 10 | 10 | 9  | 8  | 7  | 7  | 8  | 8  | 6  | 6  | 6  | 6  | 13 | 99 | 99 | 99 | 99 |    |    |    |
| 42 | 9  | 9  | 9  | 9  | 10 | 9  | 10 | 10 | 11 | 12 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 14 | 13 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 9  | 10 | 9  | 5  | 4  | 5  | 10 | 4  | 99 | 99 | 99 |    |    |
| 40 | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 12 | 11 | 8  | 11 | 12 | 10 | 6  | 3  | 3  | 14 | 99 | 99 | 99 |    |    |
| 38 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 11 | 9  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 11 | 12 | 13 | 14 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 14 | 16 | 17 | 14 | 7  | 6  | 4  | 12 | 99 | 99 |    |    |
| 36 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 11 | 11 | 9  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 22 | 22 | 15 | 13 | 9  | 11 | 13 | 99 |    |    |
| 34 | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 9  | 8  | 13 | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 14 | 16 | 13 | 14 | 15 | 18 | 22 | 25 | 26 | 24 | 17 | 13 | 16 | 16 |    |    |    |
| 32 | 7  | 6  | 6  | 5  | 4  | 4  | 4  | 3  | 3  | 99 | 99 | 99 | 5  | 6  | 7  | 8  | 9  | 9  | 9  | 8  | 8  | 8  | 7  | 9  | 9  | 8  | 5  | 6  | 8  | 9  | 10 | 9  | 12 | 15 | 24 | 22 | 23 | 25 | 23 | 14 |    |    |
| 30 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 12 | 16 | 17 | 21 | 23 |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 11 | 7  | 6  | 8  |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 10 | 2  | 0  |

REFERENTIE TOESTAND

## TIJD : MAXIMUM EB

[illegible]

TIJD : MAXIMUM EB

## REFERENTIETOESTAND



## TIJD : LAAGWATER

## REFERENTIE TOESTAND

SNELHEID IN DM/S

TIJD : LAAGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 4  | 5  | 5  | 5  | 3  | 2  | 3  | 5  | 5  | 4  | 3  | 1  | 99 |    |    |    |    |    |    |
| 64 | 7  | 7  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 4  | 5  | 4  | 2  | 1  | 1  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 62 | 7  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 4  | 3  | 1  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 60 | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 4  | 3  | 1  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 58 | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 4  | 3  | 2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 56 | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 4  | 3  | 2  | 1  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 4  | 3  | 3  | 2  | 1  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 4  | 3  | 3  | 2  | 2  | 1  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 5  | 5  | 5  | 4  | 4  | 3  | 3  | 3  | 2  | 2  | 1  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 48 | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 4  | 5  | 5  | 5  | 4  | 4  | 3  | 3  | 3  | 3  | 2  | 1  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 46 | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 5  | 5  | 5  | 5  | 4  | 4  | 3  | 3  | 3  | 2  | 1  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 44 | 6  | 7  | 7  | 6  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 5  | 5  | 4  | 3  | 3  | 3  | 2  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 42 | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 6  | 6  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 6  | 6  | 5  | 4  | 4  | 3  | 4  | 1  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 40 | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 4  | 4  | 3  | 99 | 99 | 99 | 99 | 99 |    |    |
| 38 | 5  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 5  | 2  | 99 | 99 | 99 | 99 | 99 |    |    |
| 36 | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 6  | 6  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 10 | 8  | 6  | 2  | 99 | 99 | 99 | 99 | 99 |
| 34 | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 4  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 8  | 9  | 9  | 10 | 9  | 9  | 10 | 10 | 11 | 12 | 12 | 11 | 9  | 7  | 99 | 99 | 99 | 99 | 99 |
| 32 | 5  | 5  | 4  | 4  | 4  | 4  | 3  | 2  | 1  | 99 | 99 | 99 | 2  | 5  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 11 | 12 | 11 | 11 | 13 | 99 | 99 | 99 | 99 |
| 30 | 1  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

REFERENTIETOESTAND



WATERSTAND IN DM

TIJD : MAXIMUM VLOED

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 99 |    |    |
| 64 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 99 | 99 | 99 | 99 | 99 |    |
| 62 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 60 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 58 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 56 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 99 | 99 | 99 | 99 | 99 |    |    |
| 54 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |    |    |
| 52 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |    |
| 50 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |    |
| 48 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |
| 46 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |
| 44 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 99 | 99 | 99 | 99 |
| 42 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 99 | 99 | 99 | 99 |
| 40 | 23 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 99 | 99 | 99 | 99 |
| 38 | 23 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 15 | 14 | 99 | 99 | 99 |
| 36 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 14 | 14 | 13 | 99 | 99 |
| 34 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 16 | 16 | 16 | 16 | 16 | 15 | 15 | 14 | 14 | 13 | 13 | 13 |
| 32 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |    |    |
| 30 | 24 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

REFERENTIETOESTAND

WATERSTAND IN DM

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 18 | 18 | 17 | 17 | 99 |    |
| 64 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 99 | 99 | 99 | 99 | 99 | 99 |
| 62 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 60 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| 58 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 56 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 54 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 52 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| 50 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 48 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 46 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 44 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 42 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 40 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 38 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 36 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 34 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 32 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 24 | 24 | 99 | 99 | 99 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 30 | 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

REFERENTIE TOESTAND

SNELHEID IN DM/S

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 5  | 5  | 6  | 8  | 7  | 7  | 6  | 3  | 99 |    |    |    |    |    |    |
| 64 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 5  | 6  | 6  | 6  | 6  | 4  | 4  | 4  | 3  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 62 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 5  | 6  | 6  | 6  | 6  | 5  | 3  | 3  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 60 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 6  | 6  | 6  | 5  | 6  | 6  | 6  | 6  | 4  | 3  | 1  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 58 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 4  | 2  | 1  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 56 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 4  | 2  | 1  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 54 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 4  | 3  | 2  | 1  | 0  | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 52 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 3  | 3  | 2  | 0  | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 50 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 4  | 4  | 4  | 3  | 2  | 0  | 99 | 99 | 99 | 99 |    |    |    |    |
| 48 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 3  | 1  | 99 | 99 | 99 | 99 |    |    |    |    |
| 46 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 6  | 6  | 5  | 5  | 5  | 4  | 4  | 4  | 4  | 4  | 2  | 99 | 99 | 99 | 99 |    |    |    |    |
| 44 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 6  | 5  | 5  | 5  | 5  | 4  | 99 | 99 | 99 | 99 |
| 42 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 6  | 5  | 5  | 7  | 2  | 99 | 99 | 99 | 99 |    |
| 40 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 5  | 99 | 99 | 99 | 99 |    |    |
| 38 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 3  | 99 | 99 | 99 | 99 |    |
| 36 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 9  | 4  | 99 | 99 | 99 | 99 |    |    |    |
| 34 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 8  | 9  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 15 | 14 | 12 | 9  |    |    |    |    |    |    |    |    |
| 32 | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 3  | 99 | 99 | 99 | 1  | 3  | 5  | 6  | 7  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 11 | 11 | 12 | 15 | 16 | 15 | 15 | 15 |    |    |    |    |    |    |
| 30 | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

REFERENTIE TOESTAND

B I J L A G E 3

Model met mazen van 1.000 m.  
Hydrodynamische wijzigingen.  
Toestand A t.o.v. referentie-  
toestand.

DIEPTE IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 17 | 21 | 23 | 23 | 23 | 21 | 20 | 17 | 15 | 15 | 15 | 16 | 15 | 15 | 15 | 13 | 13 | 11 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 8  | 7  | 7  | 6  | 5  | 7  | 16 | 13 | 8  | 9  | 7  | 4  | 2  | 99 |    |    |    |    |    |
| 64 | 24 | 24 | 23 | 22 | 20 | 18 | 15 | 13 | 15 | 15 | 14 | 14 | 15 | 14 | 12 | 12 | 10 | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  | 11 | 7  | 5  | 4  | 4  | 4  | 9  | 22 | 10 | 3  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 62 | 22 | 21 | 19 | 15 | 14 | 13 | 11 | 14 | 13 | 14 | 12 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 9  | 11 | 8  | 5  | 4  | 3  | 7  | 10 | 23 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 60 | 18 | 16 | 14 | 13 | 12 | 11 | 12 | 12 | 13 | 12 | 11 | 12 | 11 | 10 | 9  | 8  | 9  | 8  | 9  | 8  | 7  | 7  | 7  | 8  | 8  | 10 | 9  | 7  | 6  | 4  | 8  | 8  | 19 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 58 | 14 | 13 | 13 | 13 | 12 | 11 | 11 | 10 | 12 | 11 | 11 | 10 | 10 | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 6  | 6  | 5  | 9  | 6  | 21 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 56 | 15 | 15 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 9  | 9  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 7  | 7  | 7  | 7  | 5  | 5  | 8  | 8  | 9  | 15 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 54 | 16 | 15 | 14 | 14 | 13 | 11 | 11 | 10 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 7  | 7  | 8  | 7  | 7  | 6  | 6  | 6  | 7  | 6  | 6  | 7  | 6  | 7  | 9  | 5  | 14 | 4  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 52 | 14 | 13 | 12 | 13 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 8  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 7  | 7  | 6  | 9  | 7  | 5  | 15 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 50 | 12 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 8  | 5  | 8  | 8  | 6  | 7  | 8  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 48 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 4  | 4  | 4  | 5  | 6  | 7  | 6  | 6  | 7  | 8  | 6  | 11 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 46 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 9  | 8  | 5  | 4  | 5  | 5  | 6  | 7  | 8  | 5  | 7  | 6  | 8  | 10 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 44 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 11 | 10 | 10 | 10 | 10 | 11 | 12 | 13 | 14 | 12 | 10 | 9  | 9  | 9  | 10 | 10 | 9  | 8  | 7  | 7  | 8  | 8  | 6  | 6  | 6  | 6  | 13 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 42 | 9  | 9  | 9  | 9  | 10 | 9  | 10 | 10 | 11 | 12 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 14 | 13 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 9  | 10 | 9  | 5  | 4  | 5  | 10 | 4  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 40 | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 12 | 11 | 8  | 11 | 12 | 10 | 6  | 3  | 3  | 14 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 38 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 11 | 9  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 11 | 12 | 13 | 14 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 14 | 16 | 17 | 14 | 7  | 6  | 4  | 12 | 99 | 99 | 99 | 99 | 99 |    |    |
| 36 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 99 | 99 | 99 | 9  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 22 | 22 | 15 | 13 | 9  | 11 | 13 | 99 | 99 | 99 | 99 | 99 |    |
| 34 | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 99 | 99 | 99 | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 14 | 16 | 13 | 14 | 15 | 18 | 22 | 25 | 26 | 24 | 17 | 13 | 16 | 16 | 99 | 99 | 99 | 99 | 99 |    |
| 32 | 7  | 6  | 6  | 5  | 4  | 4  | 4  | 3  | 3  | 99 | 99 | 99 | 5  | 6  | 7  | 8  | 9  | 9  | 9  | 8  | 8  | 8  | 7  | 9  | 9  | 8  | 5  | 6  | 8  | 9  | 10 | 9  | 12 | 15 | 24 | 22 | 23 | 25 | 23 | 14 | 99 | 99 | 99 | 99 | 99 |
| 30 | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND A

## TIJD : MAXIMUM EB

TOESTAND A



TIJD : MAXIMUM EB

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM EB

|    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 2   | 3   | 3   | 3   | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | -3 | -4 | -2 | -2 | -2 | -2 | 99 |    |    |    |    |    |
| 64 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 2   | 3   | 3   | 3   | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 3  | 5  | -5 | -2 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 62 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 3   | 3   | 3   | 3   | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 2  | 4  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 60 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 3   | 3   | 4   | 4   | 4   | 4  | 4  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 3  | 4  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 58 | -2 | -2 | -2  | -2  | -2  | 0   | 0   | 0   | 0   | 0   | 2   | 3   | 3   | 4   | 4   | 4   | 4   | 4   | 4  | 4  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 2  | 3  | 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 56 | -2 | -2 | -2  | -2  | -2  | 0   | 0   | 0   | 0   | 3   | 3   | 4   | 5   | 5   | 5   | 5   | 5   | 4   | 4  | 4  | 3  | 3  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 2  | 3  | 3  | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 54 | -2 | -2 | -3  | -3  | -3  | -2  | 0   | 0   | 0   | 3   | 4   | 5   | 6   | 6   | 6   | 6   | 6   | 5   | 4  | 4  | 3  | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 3  | 2  | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 52 | -2 | -3 | -3  | -3  | -3  | -2  | 0   | 0   | 3   | 5   | 7   | 7   | 8   | 8   | 7   | 7   | 6   | 6   | 5  | 4  | 4  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | -3 | -3 | -3  | -3  | -3  | 0   | 0   | 2   | 6   | 8   | 10  | 10  | 9   | 8   | 7   | 7   | 6   | 5   | 4  | 4  | 3  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 48 | -4 | -4 | -4  | -4  | -3  | 0   | 0   | 4   | 8   | 11  | 12  | 12  | 10  | 8   | 7   | 5   | 4   | 3   | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 2  | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 46 | -4 | -4 | -4  | -4  | -3  | 0   | 0   | 5   | 10  | 13  | 15  | 14  | 11  | 8   | 5   | 4   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 44 | -4 | -4 | -4  | -5  | -4  | 0   | 4   | 10  | 15  | 18  | 17  | 12  | 7   | 4   | 2   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 42 | -4 | -4 | -5  | -6  | -6  | 0   | 3   | 8   | 16  | 22  | 22  | 13  | 5   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 40 | -4 | -5 | -6  | -8  | -9  | 0   | 0   | 8   | 19  | 28  | 11  | 0   | -2  | -3  | -3  | -3  | -2  | -2  | -2 | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 38 | -5 | -7 | -9  | -11 | -14 | -16 | -15 | -13 | -11 | -20 | -27 | -13 | 28  | 3   | -5  | -7  | -7  | -5  | -4 | -3 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 36 | -6 | -8 | -11 | -16 | -22 | -31 | -43 | -57 | -77 | 99  | 99  | 99  | -15 | -21 | -17 | -13 | -10 | -8  | -6 | -4 | -4 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 |
| 34 | -6 | -8 | -11 | -16 | -24 | -35 | -51 | -70 | -89 | 99  | 99  | 99  | -47 | -37 | -25 | -18 | -13 | -10 | -7 | -5 | -4 | -3 | -3 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 32 | -4 | -6 | -8  | -11 | -17 | -24 | -33 | -46 | -56 | 99  | 99  | 99  | -43 | -36 | -27 | -20 | -14 | -11 | -8 | -6 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 30 | 0  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 28 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 26 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |

TOESTAND A

## TIJD : MAXIMUM EB

TOESTAND A

## TIJD : LAAGWATER

TOESTAND A

TIJD : LAAGWATER

[illegible]

A.3.3.7.

TIJD : LAAGWATER

TOESTAND A



# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : LAAGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |       |     |     |    |    |    |     |    |    |     |    |    |    |    |       |    |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-------|-----|-----|----|----|----|-----|----|----|-----|----|----|----|----|-------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2    | -2356 | -3  | -3  | -3 | -3 | -3 | -3  | -3 | -4 | -3  | -2 | -2 | -2 | -2 | -4352 | 0  | 0   | 0   | 0   | 0   | 0  | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2357 | -3    | -4  | -4  | -4 | -3 | -3 | -3  | -3 | -3 | -4  | -4 | -3 | -3 | -2 | -3    | -8 | -10 | 0   | 0   | 99  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2    | -3    | -3  | -4  | -4 | -5 | -4 | -4  | -4 | -3 | -3  | -3 | -3 | -3 | -2 | -2    | -5 | -13 | -32 | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |
| 60 | 0  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2    | -3    | -3  | -4  | -5 | -5 | -5 | -5  | -5 | -4 | -4  | -4 | -3 | -3 | -2 | -2    | -2 | -3  | -6  | -12 | -42 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 58 | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -3    | -4    | -4  | -5  | -5 | -6 | -6 | -6  | -5 | -5 | -5  | -4 | -4 | -3 | -2 | -2    | -2 | -3  | -5  | -7  | -12 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 56 | 2  | 2  | 3  | 3  | 4  | 4  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2    | -3    | -4  | -5  | -6 | -7 | -7 | -6  | -6 | -6 | -6  | -5 | -5 | -4 | -2 | -2    | -2 | -2  | -3  | -4  | -5  | -5 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 54 | 2  | 2  | 3  | 4  | 4  | 5  | 5  | 4  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -2    | -3    | -5  | -6  | -7 | -8 | -8 | -7  | -7 | -6 | -6  | -6 | -5 | -5 | -3 | -2    | -2 | -2  | -4  | -4  | -3  | -3 | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 52 | 2  | 3  | 3  | 4  | 5  | 5  | 5  | 5  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | -3    | -5    | -6  | -7  | -8 | -8 | -8 | -7  | -7 | -7 | -7  | -6 | -5 | -4 | -3 | -2    | -2 | -3  | -4  | -3  | -3  | -2 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 50 | 2  | 3  | 4  | 4  | 5  | 5  | 5  | 5  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | -3    | -4    | -5  | -6  | -7 | -7 | -7 | -7  | -6 | -6 | -7  | -7 | -6 | -4 | -3 | -3    | -3 | -3  | -3  | -3  | -2  | -2 | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 48 | 3  | 3  | 4  | 5  | 6  | 6  | 6  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | -2    | -4    | -4  | -5  | -5 | -5 | -5 | -5  | -4 | -4 | -4  | -5 | -5 | -4 | -3 | -3    | -3 | -2  | -3  | -3  | -2  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 46 | 3  | 3  | 5  | 6  | 7  | 8  | 8  | 8  | 6  | 4  | 0  | 0  | 0  | 0  | 0  | -4    | -4    | -4  | -4  | -4 | -4 | -4 | -4  | -3 | -3 | -3  | -3 | -2 | -2 | -2 | -3    | -3 | -3  | -2  | -2  | -2  | -2 | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 44 | 2  | 3  | 5  | 7  | 8  | 10 | 10 | 10 | 9  | 6  | 0  | 0  | 0  | 0  | 0  | -3    | -7    | -8  | -7  | -5 | -4 | -3 | -3  | -2 | -2 | -2  | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |
| 42 | 3  | 4  | 6  | 8  | 11 | 13 | 14 | 14 | 12 | 8  | 2  | 0  | 0  | 0  | 0  | -4    | -12   | -12 | -10 | -7 | -5 | -3 | -2  | -2 | 0  | 0   | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |
| 40 | 3  | 5  | 7  | 11 | 14 | 18 | 20 | 21 | 19 | 13 | 5  | 0  | 0  | 0  | 0  | -5    | -21   | -18 | -13 | -9 | -6 | -4 | -2  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 38 | 3  | 5  | 8  | 12 | 16 | 21 | 26 | 28 | 25 | 11 | 7  | 0  | 0  | 0  | 0  | -38   | -28   | -18 | -11 | -7 | -4 | -3 | -2  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 36 | 3  | 4  | 6  | 9  | 14 | 21 | 31 | 45 | 64 | 99 | 99 | 99 | 99 | 99 | 99 | -62   | -34   | -19 | -11 | -7 | -4 | -3 | -2  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 34 | 0  | 2  | 3  | 5  | 8  | 12 | 21 | 38 | 57 | 99 | 99 | 99 | 99 | 99 | 99 | -40   | -20   | -11 | -7  | -4 | -3 | -2 | 0   | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 32 | 0  | 0  | 0  | 0  | 2  | 3  | 5  | 8  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 0     | -4    | -3  | -2  | 0  | 0  | 0  | 359 | 0  | 0  | 359 | 0  | 0  | 0  | 0  | 0     | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99    | 99    | 99  | 99  | 99 | 99 | 99 | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99    | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99    | 99    | 99  | 99  | 99 | 99 | 99 | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99    | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99    | 99    | 99  | 99  | 99 | 99 | 99 | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99    | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND A

## TIJD : MAXIMUM VLOED

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM VLOED

|    |    |    |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -5 | -4 | -2 | -2 | 0  | 0  | 99 |    |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | -8 | -6 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 2  | 2  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 0  | 0  | 4  | 30 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 60 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 3   | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 0  | 0  | 6  | 15 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 58 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 3   | 3   | 4  | 4  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 4  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 2  | 8  | 13 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 56 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 3   | 4   | 4  | 5  | 5  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 3  | 8  | 9  | 10 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 54 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 3   | 4   | 5  | 6  | 7  | 7  | 7  | 7  | 7  | 6  | 5  | 4  | 4  | 3  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 3  | 5  | 7  | 7  | 9  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 52 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 3   | 5   | 6  | 8  | 8  | 9  | 9  | 8  | 7  | 6  | 5  | 5  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 4  | 4  | 4  | 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 50 | -2 | -2 | -2 | -2  | 0   | 0   | 0   | 0   | 4   | 6  | 8  | 10 | 10 | 10 | 10 | 9  | 8  | 7  | 5  | 4  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 3  | 3  | 4  | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 48 | -2 | -2 | -2 | -2  | 0   | 0   | 0   | 2   | 4   | 7  | 10 | 11 | 12 | 12 | 11 | 9  | 8  | 6  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 46 | -3 | -3 | -3 | -2  | -2  | 0   | 0   | 2   | 5   | 9  | 12 | 13 | 13 | 12 | 11 | 9  | 7  | 5  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 44 | -3 | -3 | -3 | -3  | -3  | -2  | 0   | 3   | 7   | 12 | 15 | 16 | 15 | 14 | 12 | 9  | 7  | 5  | 2  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 42 | -3 | -4 | -4 | -5  | -5  | -4  | -2  | 3   | 11  | 18 | 20 | 20 | 19 | 16 | 12 | 8  | 5  | 3  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 40 | -4 | -5 | -5 | -6  | -7  | -8  | -5  | 2   | 20  | 25 | 25 | 25 | 24 | 18 | 12 | 6  | 2  | 0  | 0  | 0  | -2 | -2 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 38 | -4 | -5 | -6 | -8  | -10 | -12 | -12 | -6  | 18  | 0  | 0  | 15 | 23 | 18 | 9  | 2  | 0  | -3 | -4 | -4 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 36 | -5 | -6 | -8 | -10 | -13 | -16 | -25 | -34 | -34 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 34 | -5 | -6 | -9 | -11 | -15 | -21 | -31 | -46 | -63 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 32 | -5 | -7 | -9 | -12 | -16 | -21 | -29 | -39 | -47 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 30 | -4 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 28 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 26 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A

HOEKVERDRAAIING T.O.V. REFERENTIESTROMING  
TIJD : MAXIMUM VLOED

|    |    |    |    |    |    |    |    |    |    |    |    |    |      |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -3 | -5 | -3  | 0  | 0  | 0  | 0  | 0  | 99 |    |    |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -3 | -5 | -11 | -2 | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0    | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -4 | -8 | -10 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 60 | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0    | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -3 | -5 | -7 | -3  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 58 | 0  | 2  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 0  | 0  | 0    | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -2 | -2 | -3 | -3 | -2 | -2 | -2 | -2 | -3 | -4 | -5  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |
| 56 | 0  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 0    | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -3 | -4  | -3 | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 0  | 2  | 2  | 2  | 3  | 3  | 4  | 4  | 4  | 3  | 3  | 2  | 0    | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -3 | -3  | -2 | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 2  | 2  | 2  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 3  | 2  | 0    | 0   | 0   | -2  | -3  | -3  | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | -3 | -3  | -2 | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | 2  | 2  | 3  | 3  | 4  | 4  | 4  | 5  | 4  | 4  | 3  | 2  | 0    | 0   | 0   | -2  | -3  | -4  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -3 | -3 | -3 | -2 | -3  | -2 | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 48 | 2  | 2  | 3  | 4  | 4  | 5  | 5  | 5  | 5  | 4  | 3  | 2  | 0    | 0   | 0   | -3  | -4  | -4  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -3 | -3 | -3 | -2 | -2  | -2 | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 46 | 2  | 2  | 3  | 4  | 5  | 6  | 7  | 7  | 7  | 6  | 4  | 2  | 0    | 0   | -2  | -3  | -4  | -4  | -5 | -5 | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2  | -2 | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 44 | 2  | 2  | 3  | 4  | 5  | 7  | 8  | 10 | 9  | 7  | 4  | 2  | 0    | -2  | -4  | -4  | -5  | -5  | -4 | -4 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2  | -2 | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 42 | 2  | 2  | 3  | 5  | 6  | 8  | 11 | 14 | 15 | 9  | 5  | 0  | 0    | -4  | -6  | -7  | -7  | -6  | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |
| 40 | 2  | 3  | 4  | 5  | 7  | 11 | 15 | 21 | 25 | 11 | 5  | 0  | -4   | -8  | -10 | -10 | -9  | -8  | -6 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 38 | 2  | 2  | 3  | 5  | 7  | 11 | 18 | 29 | 39 | 8  | 6  | 4  | -9   | -15 | -17 | -16 | -13 | -10 | -8 | -5 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 36 | 0  | 2  | 2  | 4  | 6  | 9  | 16 | 33 | 68 | 99 | 99 | 99 | -44  | -38 | -30 | -24 | -18 | -13 | -9 | -6 | -4 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 34 | 0  | 0  | 0  | 2  | 3  | 5  | 9  | 18 | 46 | 99 | 99 | 99 | -59  | -56 | -37 | -24 | -15 | -10 | -7 | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 32 | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 0  | 99 | 99 | 99 | -218 | -48 | -18 | -9  | -5  | -3  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99   | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99   | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99   | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |

TOESTAND A

TIJD : HOOGWATER

TOESTAND A

TIJD : HOOGWATER.

[illegible]

A.3.15.



## TIJD : HOOGWATER

TOESTAND A

# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |        |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -2  | -2  | -2  | -2  | -3  | -3  | -3 | -3 | -2 | -2 | -3 | -4 | -4 | 0  | 0  | 0   | 0   | 0   | 99  |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -2  | -2  | -2  | -2  | -3  | -3  | -3 | -4 | -4 | -3 | -3 | -3 | -4 | -5 | -4 | 0   | 0   | 99  | 99  | 99  | 99  | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 62 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -2  | -3  | -3  | -3  | -3  | -3  | -3 | -4 | -4 | -4 | -3 | -4 | -4 | -5 | -3 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 60 | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -2  | -3  | -3  | -3  | -3  | -3  | -3 | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -4 | -7  | -5  | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 58 | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -2  | -3  | -3  | -4  | -4  | -4  | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -4 | -5 | -10 | -34 | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 56 | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -3  | -3  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -4 | -5 | -4 | -4 | -3 | -3 | -4  | -6  | -12 | -15 | -15 | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 54 | 0  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -3  | -4  | -4  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4  | -6  | -8  | -7  | -6  | -18 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 52 | 0  | 2  | 2  | 3  | 3  | 3  | 4  | 4  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -3  | -4  | -5  | -6  | -6  | -6  | -6 | -6 | -6 | -6 | -5 | -5 | -4 | -4 | -4 | -4  | -5  | -5  | -5  | -4  | -5  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 50 | 2  | 2  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -4  | -5  | -6  | -6  | -7  | -7  | -7 | -7 | -6 | -6 | -5 | -4 | -4 | -4 | -4 | -5  | -4  | -3  | -3  | -2  | 0   | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 48 | 2  | 2  | 3  | 4  | 4  | 5  | 5  | 5  | 5  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -4  | -5  | -6  | -6  | -6  | -6  | -6 | -6 | -6 | -6 | -5 | -5 | -4 | -4 | -4 | -4  | -4  | -4  | -4  | -3  | -2  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 46 | 2  | 2  | 3  | 4  | 5  | 6  | 7  | 7  | 7  | 5  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -3  | -4  | -5  | -5  | -6  | -6  | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4  | -4  | -4  | -4  | -4  | -3  | -2 | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 44 | 2  | 2  | 3  | 4  | 5  | 7  | 8  | 9  | 9  | 6  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -3     | -4  | -5  | -5  | -5  | -5  | -5  | -5 | -4 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -3  | -3  | -3  | -2  | -2  | 0   | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 42 | 2  | 2  | 3  | 5  | 6  | 9  | 11 | 14 | 14 | 8  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -2     | -5  | -7  | -7  | -7  | -7  | -6  | -5 | -4 | -4 | -3 | -2 | -2 | -2 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 40 | 2  | 3  | 4  | 5  | 7  | 11 | 16 | 21 | 24 | 10 | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -5     | -8  | -10 | -10 | -10 | -8  | -7  | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 38 | 2  | 2  | 3  | 5  | 7  | 12 | 18 | 29 | 38 | 7  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | -8     | -14 | -16 | -16 | -14 | -11 | -9  | -6 | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 36 | 0  | 2  | 2  | 4  | 6  | 9  | 17 | 33 | 66 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | -24    | -32 | -29 | -24 | -19 | -15 | -11 | -7 | -5 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 34 | 0  | 0  | 0  | 2  | 3  | 5  | 10 | 19 | 46 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 106    | -59 | -40 | -27 | -18 | -12 | -8  | -6 | -4 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 32 | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 4  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 185*** | -37 | -14 | -7  | -4  | -2  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99</ |

TOESTAND A

B I J L A G E    4

Model met mazen van 1.000 m.  
Hydrodynamische wijzigingen.  
Toestand B t.o.v. referentie-  
toestand.

# AANGEPASTE DIEPTEN IN METER

TIJD : MAXIMUM EB

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 17 | 21 | 23 | 23 | 23 | 21 | 20 | 17 | 15 | 15 | 15 | 15 | 13 | 13 | 11 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 8  | 7  | 7  | 6  | 5  | 7  | 16 | 13 | 8  | 9  | 7  | 4  | 2  | 99 |    |    |    |
| 64 | 24 | 24 | 23 | 22 | 20 | 18 | 15 | 13 | 15 | 15 | 14 | 14 | 15 | 14 | 12 | 12 | 10 | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 11 | 7  | 5  | 4  | 4  | 4  | 9  | 22 | 10 | 3  | 99 | 99 | 99 | 99 | 99 |    |
| 62 | 22 | 21 | 19 | 15 | 14 | 13 | 11 | 14 | 13 | 14 | 12 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 9  | 11 | 8  | 5  | 4  | 3  | 7  | 10 | 23 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 60 | 18 | 16 | 14 | 13 | 12 | 11 | 12 | 12 | 13 | 12 | 11 | 12 | 11 | 10 | 9  | 8  | 9  | 8  | 9  | 8  | 7  | 7  | 7  | 8  | 8  | 10 | 9  | 7  | 6  | 4  | 8  | 8  | 19 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 58 | 14 | 13 | 13 | 13 | 12 | 11 | 11 | 10 | 12 | 11 | 11 | 10 | 10 | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 6  | 6  | 5  | 9  | 6  | 21 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 56 | 15 | 15 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 9  | 9  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 7  | 7  | 7  | 7  | 7  | 5  | 5  | 8  | 8  | 9  | 15 | 99 | 99 | 99 | 99 | 99 |    |
| 54 | 16 | 15 | 15 | 16 | 13 | 11 | 11 | 10 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 7  | 7  | 8  | 7  | 7  | 6  | 6  | 6  | 7  | 6  | 6  | 7  | 6  | 7  | 9  | 5  | 14 | 4  | 99 | 99 | 99 | 99 | 99 |
| 52 | 14 | 13 | 12 | 14 | 16 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 7  | 7  | 6  | 9  | 7  | 5  | 15 | 99 | 99 | 99 | 99 | 99 |    |
| 50 | 12 | 11 | 11 | 12 | 13 | 16 | 15 | 13 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 8  | 5  | 8  | 8  | 6  | 7  | 8  | 99 | 99 | 99 | 99 |
| 48 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 15 | 17 | 16 | 14 | 13 | 11 | 11 | 10 | 9  | 9  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 4  | 4  | 4  | 5  | 6  | 7  | 6  | 6  | 7  | 8  | 6  | 11 | 99 | 99 | 99 | 99 |
| 46 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 15 | 12 | 12 | 14 | 15 | 15 | 14 | 14 | 13 | 10 | 9  | 9  | 9  | 9  | 9  | 8  | 5  | 4  | 5  | 5  | 6  | 7  | 8  | 5  | 7  | 6  | 8  | 10 | 99 | 99 | 99 | 99 |
| 44 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 14 | 11 | 10 | 10 | 10 | 11 | 13 | 14 | 15 | 13 | 10 | 9  | 9  | 9  | 10 | 10 | 9  | 8  | 7  | 7  | 8  | 8  | 6  | 6  | 6  | 6  | 13 | 99 | 99 | 99 | 99 |
| 42 | 9  | 9  | 9  | 9  | 10 | 9  | 10 | 10 | 11 | 16 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 15 | 15 | 13 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 9  | 10 | 9  | 5  | 4  | 5  | 10 | 4  | 99 | 99 | 99 |
| 40 | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 12 | 14 | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 13 | 13 | 13 | 12 | 11 | 8  | 11 | 12 | 10 | 6  | 3  | 3  | 14 | 99 | 99 | 99 |
| 38 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 16 | 9  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 14 | 16 | 17 | 14 | 7  | 6  | 4  | 12 | 99 | 99 |
| 36 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 16 | 11 | 9  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 22 | 22 | 15 | 13 | 9  | 11 | 13 | 99 |
| 34 | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 9  | 10 | 16 | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 14 | 16 | 13 | 14 | 15 | 13 | 22 | 25 | 26 | 24 | 17 | 13 | 16 | 16 |    |
| 32 | 7  | 6  | 6  | 5  | 4  | 4  | 4  | 3  | 3  | 99 | 99 | 99 | 4  | 5  | 6  | 7  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 9  | 9  | 8  | 5  | 6  | 8  | 9  | 10 | 9  | 12 | 15 | 24 | 22 | 23 | 25 | 23 | 14 |
| 30 | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND B

## TIJD : MAXIMUM EB

[illegible]

TOESTAND B

TIJD : MAXIMUM EB

TOESTAND B



## TIJD : MAXIMUM EB

[illegible]

TOESTAND B

## TIJD : MAXIMUM EB

TOESTAND B

## TIJD : LAAGWATER

TOESTAND B

TIJD : LAAGWATER

TOESTAND B

## TIJD : LAAGWATER

TOESTAND B

# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : LAAGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 99 |    |    |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 3  | 3  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 5  | 7  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 60 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 5  | 22 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 58 | 0  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 3  | 3  | 2  | 2  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 9  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 56 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 0  | -2 | -2 | 3  | 7  | 0  | 0  | 0  | 0  | 2  | 3  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 0  | 0  | 0  | -2 | -3 | -2 | 0  | 0  | 0  | 2  | 3  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | 0  | 2  | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 48 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 46 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 44 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 42 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | 0  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 40 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | 0  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 38 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 36 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 34 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | -2 | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | 0  | 0  | 3  | 5  | 9  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |
| 32 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 5  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 5  | 9  | 3  | 5  | 8  | 3  | 5  | 8  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND B



## TIJD : MAXIMUM VLOED

TOESTAND B

TIJD : MAXIMUM VLOED

TOESTAND B

## TIJD : MAXIMUM VLOED

TOESTAND B

## TIJD : MAXIMUM VLOED

TOESTAND B

## TIJD : HOOGWATER

TOESTAND B

TIJD : HOOGWATER

TOESTAND B



## TIJD : HOOGWATER

TOESTAND B

## TIJD : HOOGWATER

TOESTAND B

B I J L A G E    5

Model met mazen van 1.000 m.  
Hydrodynamische wijzigingen.  
Toestand C t.o.v. referentie-  
toestand.

# AANGEPASTE DIEPTEN IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 17 | 21 | 23 | 23 | 23 | 21 | 20 | 17 | 15 | 15 | 15 | 16 | 15 | 15 | 15 | 13 | 13 | 11 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 8  | 7  | 7  | 6  | 5  | 7  | 16 | 13 | 8  | 9  | 7  | 4  | 2  | 99 |    |    |    |    |
| 64 | 24 | 24 | 23 | 22 | 20 | 18 | 15 | 13 | 15 | 15 | 14 | 14 | 15 | 14 | 12 | 12 | 10 | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  | 11 | 7  | 5  | 4  | 4  | 4  | 9  | 22 | 10 | 3  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 62 | 22 | 21 | 19 | 15 | 14 | 13 | 11 | 14 | 13 | 14 | 12 | 13 | 13 | 12 | 10 | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 9  | 11 | 8  | 5  | 4  | 3  | 7  | 10 | 23 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 60 | 18 | 16 | 14 | 13 | 12 | 11 | 12 | 12 | 13 | 12 | 11 | 12 | 11 | 10 | 9  | 8  | 9  | 8  | 9  | 8  | 7  | 7  | 7  | 8  | 8  | 10 | 9  | 7  | 6  | 4  | 8  | 8  | 19 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 58 | 14 | 13 | 13 | 13 | 12 | 11 | 11 | 10 | 12 | 11 | 11 | 10 | 10 | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 6  | 6  | 5  | 9  | 6  | 21 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 56 | 15 | 15 | 14 | 13 | 12 | 11 | 11 | 10 | 10 | 10 | 10 | 9  | 9  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 7  | 7  | 7  | 7  | 7  | 5  | 5  | 8  | 8  | 9  | 15 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 16 | 15 | 15 | 16 | 13 | 11 | 11 | 10 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 7  | 7  | 8  | 7  | 7  | 6  | 6  | 6  | 7  | 6  | 6  | 7  | 6  | 7  | 9  | 5  | 14 | 4  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 14 | 13 | 12 | 14 | 16 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 7  | 7  | 6  | 9  | 7  | 5  | 15 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | 12 | 11 | 11 | 12 | 13 | 16 | 15 | 13 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 6  | 6  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 8  | 5  | 8  | 8  | 6  | 7  | 8  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 48 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 15 | 17 | 16 | 14 | 13 | 11 | 11 | 10 | 9  | 9  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 4  | 4  | 4  | 5  | 6  | 7  | 6  | 6  | 7  | 8  | 6  | 11 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 46 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 15 | 12 | 12 | 14 | 15 | 15 | 14 | 14 | 13 | 10 | 9  | 9  | 9  | 9  | 9  | 8  | 5  | 4  | 5  | 5  | 6  | 7  | 8  | 5  | 7  | 6  | 8  | 10 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 44 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 14 | 11 | 10 | 10 | 10 | 11 | 13 | 14 | 15 | 13 | 10 | 9  | 9  | 9  | 10 | 10 | 9  | 8  | 7  | 7  | 8  | 8  | 6  | 6  | 6  | 6  | 13 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 42 | 9  | 9  | 9  | 9  | 10 | 9  | 10 | 10 | 11 | 16 | 11 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 15 | 15 | 13 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 8  | 9  | 10 | 9  | 5  | 4  | 5  | 10 | 4  | 99 | 99 | 99 | 99 | 99 |    |    |
| 40 | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 12 | 14 | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 13 | 13 | 13 | 12 | 11 | 8  | 11 | 12 | 10 | 6  | 3  | 3  | 14 | 99 | 99 | 99 | 99 | 99 |    |    |
| 38 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 16 | 9  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 14 | 16 | 17 | 14 | 7  | 6  | 4  | 12 | 99 | 99 | 99 | 99 | 99 |    |
| 36 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 99 | 99 | 99 | 9  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 16 | 17 | 18 | 20 | 22 | 22 | 15 | 13 | 9  | 11 | 13 | 99 | 99 | 99 | 99 | 99 |
| 34 | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 7  | 99 | 99 | 99 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 14 | 16 | 13 | 14 | 15 | 18 | 22 | 25 | 26 | 24 | 17 | 13 | 16 | 16 | 16 | 16 |    |    |
| 32 | 7  | 6  | 6  | 5  | 4  | 4  | 4  | 3  | 3  | 99 | 99 | 99 | 4  | 5  | 6  | 7  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 9  | 9  | 8  | 5  | 6  | 8  | 9  | 10 | 9  | 12 | 15 | 24 | 22 | 23 | 25 | 23 | 14 | 14 | 14 |    |    |
| 30 | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 12 | 16 | 17 | 21 | 23 |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 11 | 7  | 6  | 8  |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 10 | 2  | 0  | 0  |

TOESTAND C

## TIJD : MAXIMUM EB

|    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                         |         |
|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------------|---------|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99                      |         |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 99 99 99 99          |         |
| 62 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 99 99 99 99 99       |         |
| 60 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 99 99 99 99 99 99    |         |
| 58 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 99 99 99 99 99 99 99 |         |
| 56 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99 99     |         |
| 54 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99 99     |         |
| 52 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99 99     |         |
| 50 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 48 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 46 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | 0  | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 44 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -2 | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 42 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -3 | -4 | -4  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 40 | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -3 | -4 | -5 | -6  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 38 | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -4 | -5 | -5 | -7 | -10 | 0  | 2  | 3  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 36 | 0  | 0  | 0  | 0  | 0  | 0  | -3 | -4 | -7 | 99 | 99 | 99  | 8  | 6  | 4  | 3  | 3  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 34 | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -4 | -7 | 99 | 99 | 99  | 11 | 7  | 5  | 4  | 3  | 3  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 32 | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -5 | 99 | 99 | 99  | 7  | 6  | 5  | 4  | 4  | 3  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 99 99 99 99 99        |         |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 0 0 0 0 0               |         |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99                      | 0 0 0 0 |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99                      | 0 0 0 0 |

A.5.2.

TIJD : MAXIMUM EB

TOESTAND C



## TIJD : MAXIMUM EB

TOESTAND C

## TIJD : MAXIMUM EB

[illegible]

TOESTAND C

## TIJD : LAAGWATER

TOESTAND C

TIJD : LAAGWATER

[illegible]

TOESTAND C

## TIJD : LAAGWATER.

TOESTAND C

## TIJD : LAAGWATER

|    |   |   |   |    |    |    |    |    |    |    |    |   |   |   |   |             |    |    |    |    |    |    |    |    |       |    |       |    |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|---|---|---|----|----|----|----|----|----|----|----|---|---|---|---|-------------|----|----|----|----|----|----|----|----|-------|----|-------|----|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0           | 0  | 0  | -2 | -2 | 0  | 0  | 0  | 0  | -2356 | 0  | 0     | 0  | 0  | 99    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 64 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0           | 0  | 0  | -2 | -2 | 0  | 0  | 0  | 0  | -4    | -5 | 0     | 0  | 99 | 99    | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 62 | 0 | 0 | 0 | 0  | 0  | 2  | 2  | 2  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | -2          | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0     | -3 | -7-14 | 99 | 99 | 99    | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 60 | 0 | 0 | 0 | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0 | 0 | 0 | 0 | -2          | -2 | -2 | -3 | -3 | -2 | -2 | -2 | -2 | 0     | 0  | 0     | 0  | -3 | -6-27 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |    |    |
| 58 | 0 | 0 | 0 | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 0  | 0 | 0 | 0 | 0 | -2          | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2    | 0  | 0     | 0  | 0  | -3    | -4 | -8 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |    |    |
| 56 | 0 | 0 | 0 | 2  | 4  | 4  | 4  | 4  | 3  | 3  | 2  | 0 | 0 | 0 | 0 | -2          | -3 | -3 | -4 | -4 | -3 | -3 | -3 | -3 | -3    | -2 | -2    | 0  | 0  | 0     | -2 | -2 | -3 | -3 | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 0 | 0 | 0 | 0  | 3  | 4  | 5  | 5  | 5  | 4  | 3  | 0 | 0 | 0 | 0 | -3          | -4 | -4 | -5 | -4 | -4 | -4 | -3 | -3 | -3    | -2 | -2    | 0  | 0  | 0     | -2 | -2 | -2 | -2 | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 0 | 2 | 2 | 0  | 0  | 2  | 4  | 5  | 5  | 5  | 3  | 2 | 0 | 0 | 0 | -3          | -4 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4    | -3 | -2    | 0  | 0  | 0     | -2 | -2 | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 50 | 2 | 2 | 4 | 4  | 3  | 2  | 2  | 2  | 3  | 5  | 4  | 2 | 0 | 0 | 0 | -2          | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4    | -4 | -3    | -2 | 0  | 0     | 0  | 0  | -2 | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 48 | 2 | 3 | 4 | 5  | 6  | 6  | 5  | 3  | 4  | 4  | 0  | 0 | 0 | 0 | 0 | -2          | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3    | -3 | -3    | -2 | -2 | -2    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 46 | 2 | 3 | 5 | 6  | 7  | 8  | 9  | 9  | 6  | 3  | 2  | 0 | 0 | 0 | 0 | -3          | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0     | 0  | 0     | 0  | -2 | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 44 | 2 | 3 | 5 | 7  | 8  | 10 | 11 | 12 | 8  | 5  | 3  | 0 | 0 | 0 | 0 | -6          | -7 | -6 | -4 | -3 | -3 | -2 | -2 | 0  | 0     | 0  | 0     | 0  | 0  | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 42 | 2 | 4 | 6 | 8  | 11 | 13 | 15 | 16 | 14 | 8  | 2  | 0 | 0 | 0 | 0 | -3-11-11    | -8 | -6 | -4 | -3 | -2 | -2 | 0  | 0  | 0     | 0  | 0     | 0  | 0  | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 40 | 3 | 5 | 7 | 10 | 14 | 18 | 21 | 23 | 23 | 15 | 3  | 0 | 0 | 0 | 0 | -6-20-17-12 | -8 | -5 | -3 | -2 | 0  | 0  | 0  | 0  | 0     | 0  | 0     | 0  | 0  | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 38 | 3 | 5 | 8 | 11 | 16 | 21 | 26 | 30 | 30 | 15 | 5  | 0 | 0 | 0 | 0 | -5-37-27-16 | -9 | -6 | -3 | -2 | -2 | 0  | 0  | 0  | 0     | 0  | 0     | 0  | 0  | 0     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 36 | 2 | 4 | 6 | 9  | 13 | 20 | 30 | 45 | 65 | 99 | 99 |   |   |   |   |             |    |    |    |    |    |    |    |    |       |    |       |    |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

TOESTAND C



## TIJD : MAXIMUM VLOED

TOESTAND C

TIJD : MAXIMUM VLOED

TOESTAND C

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM VLOED

|    |    |    |    |     |     |     |     |     |     |    |     |    |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 2   | 2   | 2   | 2   | 2   | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -3 | -2 | 0  | 0  | 0  | 0  | 99 |    |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 0  | 0   | 0   | 2   | 2   | 2   | 2   | 2   | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -5 | -3 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0   | 2  | 2   | 2   | 2   | 2   | 3   | 3   | 3   | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 2  | 20 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 60 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 2   | 2  | 2   | 3   | 3   | 3   | 3   | 3   | 3   | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 4  | 13 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 58 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 2   | 2  | 3   | 3   | 4   | 4   | 4   | 4   | 3   | 3   | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 6  | 9  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 56 | 0  | 0  | 0  | -2  | -2  | 0   | 0   | 0   | 0   | 2  | 2   | 3  | 3   | 4   | 4   | 5   | 4   | 4   | 4   | 3   | 3  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 2  | 5  | 6  | 7  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 54 | 0  | 0  | 0  | -3  | -2  | 0   | 0   | 0   | 0   | 2  | 2   | 3  | 4   | 5   | 6   | 6   | 5   | 5   | 4   | 4   | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4  | 4  | 5  | 7  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 52 | 0  | 0  | 0  | -2  | -2  | 0   | 0   | 0   | 0   | 0  | 3   | 5  | 6   | 7   | 8   | 7   | 7   | 6   | 5   | 4   | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 3  | 3  | 4  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 50 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 2  | 5   | 7  | 9   | 10  | 9   | 9   | 7   | 6   | 5   | 4   | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 48 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 3  | 9   | 12 | 13  | 12  | 11  | 9   | 7   | 6   | 4   | 3   | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 46 | -2 | -2 | -2 | -2  | 0   | 0   | 0   | 0   | 0   | 5  | 11  | 12 | 13  | 14  | 13  | 11  | 8   | 7   | 4   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |
| 44 | -2 | -2 | -3 | -3  | -2  | 0   | 0   | 2   | 2   | 4  | 11  | 14 | 14  | 14  | 13  | 10  | 8   | 7   | 4   | 2   | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 42 | -3 | -3 | -4 | -4  | -4  | 0   | 4   | 7   | 8   | 13 | 18  | 19 | 16  | 12  | 8   | 6   | 5   | 2   | 0   | 0   | 0  | 0  | 0  | 0  | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 40 | -3 | -4 | -5 | -6  | -7  | -7  | -5  | 3   | 19  | 17 | 15  | 23 | 26  | 19  | 12  | 7   | 3   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 38 | -4 | -5 | -6 | -7  | -10 | -12 | -12 | -6  | 18  | -8 | -15 | 9  | 25  | 18  | 9   | 2   | 0   | -3  | -4  | -3  | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 36 | -4 | -5 | -7 | -9  | -13 | -17 | -25 | -34 | -34 | 99 | 99  | 99 | -76 | -42 | -28 | -21 | -17 | -13 | -10 | -7  | -5 | -3 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 34 | -4 | -6 | -8 | -11 | -15 | -21 | -31 | -46 | -63 | 99 | 99  | 99 | -99 | -75 | -58 | -44 | -32 | -24 | -16 | -11 | -7 | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |
| 32 | -4 | -6 | -9 | -11 | -15 | -21 | -29 | -39 | -47 | 99 | 99  | 99 | -86 | -80 | -63 | -46 | -33 | -24 | -18 | -13 | -9 | -7 | -7 | -6 | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |
| 30 | -3 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 28 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 26 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |

TOESTAND C

## TIJD : MAXIMUM VLOED

|    |   |   |   |   |   |    |    |    |    |   |   |   |    |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|---|---|---|---|---|----|----|----|----|---|---|---|----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -2 | 0  | 0  | 0  | 0  |    |    |    |    |    |    |    |    |    |
| 64 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -7 | 0  | 0  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 62 | 0 | 0 | 0 | 0 | 0 | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -5 | -7 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 60 | 0 | 0 | 0 | 0 | 0 | 2  | 2  | 2  | 2  | 2 | 2 | 0 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -5 | -2 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 58 | 0 | 0 | 0 | 0 | 2 | 2  | 2  | 2  | 2  | 2 | 2 | 0 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | 0  | 0  | 0  | 0  | -2 | -3 | -3 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 56 | 0 | 0 | 0 | 0 | 2 | 3  | 3  | 3  | 3  | 3 | 2 | 2 | 2  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | -2 | -2 | -2 | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 54 | 0 | 0 | 0 | 0 | 2 | 3  | 3  | 3  | 3  | 3 | 3 | 2 | 0  | 0   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | -2 | -2 | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 52 | 0 | 2 | 2 | 0 | 0 | 2  | 3  | 3  | 3  | 4 | 4 | 3 | 3  | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | 0  | -2 | -2 | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 50 | 2 | 2 | 3 | 3 | 2 | 2  | 2  | 2  | 3  | 5 | 5 | 4 | 3  | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 48 | 2 | 3 | 3 | 4 | 4 | 4  | 4  | 3  | 4  | 5 | 4 | 3 | 2  | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 46 | 2 | 3 | 3 | 4 | 5 | 6  | 7  | 7  | 5  | 5 | 4 | 2 | 0  | 0   | 0   | -2  | -2  | -3  | -3 | -4 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 44 | 2 | 2 | 3 | 4 | 5 | 7  | 8  | 10 | 7  | 5 | 6 | 3 | 0  | 0   | -3  | -4  | -4  | -4  | -4 | -4 | -3 | -3 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 42 | 2 | 3 | 3 | 5 | 6 | 9  | 11 | 14 | 14 | 7 | 4 | 3 | 0  | -3  | -5  | -6  | -6  | -5  | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 40 | 2 | 3 | 4 | 5 | 7 | 11 | 16 | 21 | 25 | 9 | 3 | 3 | -2 | -7  | -9  | -9  | -9  | -7  | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 38 | 2 | 2 | 3 | 5 | 7 | 11 | 18 | 29 | 40 | 8 | 4 | 4 | -7 | -14 | -16 | -15 | -13 | -10 | -7 | -5 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 36 | 0 | 2 | 2 |   |   |    |    |    |    |   |   |   |    |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

TOESTAND C

## TIJD : HOOGWATER

TOESTAND C

TIJD : HOOGWATER

[illegible]

A.5.15.



PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : HOOGWATER

|    |    |    |    |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |
|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -5  | -4  | -2 | 0  | 0  | 0  | 0  | 99 |    |
| 64 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 2  | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -4  | -7  | -3 | -2 | 99 | 99 | 99 | 99 | 99 |
| 62 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 2  | 2  | 3   | 3   | 3   | 3   | 3   | 2   | 2   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -6  | -13 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 60 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 2   | 3  | 3  | 3   | 3   | 3   | 3   | 3   | 2   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -3 | -7 | -18 | 99  | 99 | 99 | 99 | 99 | 99 |    |    |
| 58 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 2   | 3   | 3   | 4  | 4  | 4   | 4   | 4   | 4   | 3   | 3   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -6 | -20 | 99  | 99 | 99 | 99 | 99 | 99 |    |    |
| 56 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 3   | 3   | 4   | 4  | 5  | 5   | 5   | 5   | 5   | 4   | 4   | 3   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 32  | 173 | 99 | 99 | 99 | 99 | 99 |    |    |
| 54 | 0  | 0  | 0  | -3  | 0   | 0   | 2   | 2   | 3   | 4   | 4   | 5  | 6  | 6   | 6   | 6   | 5   | 4   | 4   | 3   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4  | 11  | 20  | 88 | 99 | 99 | 99 | 99 | 99 |    |
| 52 | 0  | 0  | 0  | -2  | -3  | 0   | 2   | 2   | 3   | 4   | 5   | 7  | 8  | 8   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 6   | 7   | 13 | 99 | 99 | 99 | 99 | 99 |    |
| 50 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 3   | 4   | 7   | 9  | 10 | 10  | 10  | 8   | 7   | 5   | 4   | 3   | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4   | 4   | 6  | 7  | 99 | 99 | 99 | 99 | 99 |
| 48 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 0   | 0   | 6   | 11  | 13 | 14 | 13  | 11  | 9   | 7   | 5   | 4   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2   | 3   | 4  | 99 | 99 | 99 | 99 | 99 |    |
| 46 | 0  | 0  | 0  | 0   | 0   | 0   | 3   | 2   | 0   | 6   | 12  | 13 | 14 | 14  | 13  | 11  | 8   | 7   | 4   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 2   | 2  | 99 | 99 | 99 | 99 | 99 |    |
| 44 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 4   | 4   | 6   | 12  | 15 | 14 | 14  | 12  | 10  | 8   | 7   | 4   | 2   | 0   | 0  | 0  | 0  | -2 | -2 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 42 | -2 | -2 | -2 | -3  | -3  | -2  | 0   | 6   | 10  | 10  | 15  | 19 | 18 | 15  | 11  | 8   | 6   | 5   | 2   | 0   | 0   | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 40 | -2 | -2 | -3 | -4  | -5  | -5  | -2  | 6   | 22  | 17  | 14  | 20 | 22 | 16  | 11  | 6   | 2   | 0   | 0   | 0   | 0   | -2 | 0  | 0  | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 38 | -2 | -3 | -4 | -6  | -7  | -9  | -9  | -3  | 19  | -16 | -27 | -5 | 11 | 10  | 5   | 0   | -2  | -4  | -4  | -4  | -3  | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 36 | -3 | -4 | -6 | -8  | -11 | -16 | -22 | -31 | -32 | 99  | 99  | 99 | 82 | -49 | -33 | -25 | -20 | -16 | -12 | -8  | -6  | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 34 | -3 | -5 | -7 | -10 | -14 | -20 | -29 | -44 | -60 | 99  | 99  | 99 | 90 | -82 | -64 | -50 | -39 | -30 | -22 | -15 | -9  | -6 | -4 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 | 99 |
| 32 | -4 | -6 | -8 | -11 | -15 | -21 | -29 | -39 | -47 | 99  | 99  | 99 | 57 | -77 | -78 | -58 | -42 | -31 | -23 | -17 | -12 | -9 | -8 | -7 | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 99 | 99 | 99 | 99 | 99 |    |
| 30 | -3 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |    |
| 28 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |    |
| 26 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |    |

TOESTAND C

HOEKVERDRAAIING T.O.V. REFERENTIESTROMING  
TIJD : HOOGWATER

[illegible]

TOESTAND C

B I J L A G E    6

Model met mazen van 1.000 m.  
Hydrodynamische wijzigingen.  
Toestand D t.o.v. referentie-  
toestand.

VERSCHIL IN WATERSTAND (CM)

TIJD :. MAXIMUM EB

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|
| 66 | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1 | -1 | -1 | -1 | 0  | -1 | -3 | -2 | -2 | -2 | -2 | -1 | 99 |    |    |    |    |    |   |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -2 | -2 | -3 | 2  | 0  | -2 | -4 | -3 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |   |    |    |    |
| 62 | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 60 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 58 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 56 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 54 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 52 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 50 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 48 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 2  | 2  | 1  | 0  | 2  | 0  | 0  | 0  | 1  | 1  | 99 | 99 | 99 | 99 |    |    |    |   |    |    |    |
| 46 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 44 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 42 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 40 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |    |    |    |
| 38 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 3  | 2  | 1  | 2  | 6  | 4  | 7  | 99 | 99 |    |   |    |    |    |
| 36 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 3  | 4  | 7  | 9  | 10 | 99 |   |    |    |    |
| 34 | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 1  | 1  | 0  | -1 | 1  | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 0  | 0  | 2  | 3  | 3  | 3  | 3  | 4  | 3  | 5 | 11 | 15 | 15 |
| 32 | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 1  | 3  | 3  | 2  | 2  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | -1 | 0  | 2  | 2  | 3  | 2  | 3  | 4  | 5  | 4  | 3  | 9  | 11 | 11 | 14 | 14 | 14 | 14 | 14 |    |   |    |    |    |
| 30 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |    |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |    |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |    |    |    |

TOESTAND D

SNELHEIDSTOENAME (CM/S)

TIJD : MAXIMUM EB

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|
| 66 | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1  | -2  | -3 | -3  | 0   | 1   | 0   | -3  | -10 | -17 | -19 | -5  | -15 | -16 | -13 | -8  | -3  | 99  |     |    |    |    |    |    |    |
| 64 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0   | -1  | -2 | -3  | -4  | 0   | 2   | 2   | 0   | -7  | -11 | -15 | -3  | -5  | 99  | 99  | 99  | 99  | 99  |    |    |    |    |    |    |
| 62 | 0   | 0   | 0   | 1   | 1   | 1   | 1   | 1   | 0   | 1   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0   | -1  | -2 | -4  | -2  | 0   | 1   | 0   | -6  | -7  | -12 | 99  | 99  | 99  | 99  | 99  | 99  | 99  |     |    |    |    |    |    |    |
| 60 | 0   | 0   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1  | 0  | 0  | 0  | 0  | 1  | 2  | 1   | 1   | 0  | -1  | -3  | -3  | -2  | -2  | -1  | -7  | -8  | -12 | 99  | 99  | 99  | 99  | 99  | 99  | 99  |    |    |    |    |    |    |
| 58 | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 2  | 2  | 1  | 0  | 0  | 0  | 0  | 1   | 2   | 2  | 0   | 0   | 0   | -1  | -1  | -1  | -1  | -8  | -12 | -13 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |    |
| 56 | -1  | -1  | -1  | -1  | 0   | 0   | 0   | 1   | 1   | 2   | 1   | 1   | 1   | 2  | 2  | 1  | 1  | 1  | 0  | 0  | 1   | 2   | 2  | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | -7  | -13 | -16 | -9  | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 54 | -1  | -1  | -1  | -1  | -1  | 0   | 0   | 0   | 1   | 2   | 1   | 1   | 1   | 2  | 2  | 1  | 1  | 2  | 1  | 1  | 1   | 2   | 2  | 2   | 2   | 1   | 1   | 0   | -1  | 0   | -3  | -10 | -12 | -15 | -8  | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 52 | 0   | 0   | -1  | -2  | -2  | -2  | -1  | -1  | 0   | 0   | 0   | 0   | 0   | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2   | 2   | 3  | 3   | 3   | 3   | 2   | 1   | 0   | 0   | 0   | -6  | -7  | -13 | -12 | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 50 | 0   | 0   | 0   | -1  | -2  | -3  | -3  | -3  | -3  | -2  | -2  | -2  | -1  | -1 | 0  | 0  | 0  | 0  | 0  | 1  | 1   | 1   | 2  | 3   | 4   | 4   | 3   | 2   | 0   | 0   | 0   | -3  | -6  | -11 | -16 | -8  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 48 | 0   | 0   | 0   | -1  | -2  | -2  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -1  | -1  | 0  | 2   | 4   | 5   | 3   | 1   | 0   | -1  | 0   | 0   | -3  | -5  | -10 | -10 | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 46 | -1  | -1  | -1  | -2  | -2  | -2  | -2  | -2  | -2  | -3  | -3  | -4  | -5  | -5 | -6 | -6 | -5 | -4 | -3 | -3 | -4  | -4  | -4 | -2  | 0   | 3   | 2   | 1   | 0   | -2  | -2  | 0   | 0   | -2  | -6  | -9  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 44 | -1  | -2  | -2  | -2  | -3  | -3  | -3  | -2  | -2  | -1  | -1  | -1  | -2  | -3 | -4 | -5 | -6 | -6 | -5 | -4 | -3  | -4  | -5 | -5  | -5  | -3  | -1  | 0   | -1  | -2  | -3  | -1  | 0   | 0   | -5  | -7  | 99  | 99  | 99  | 99 | 99 |    |    |    |    |
| 42 | 0   | -1  | -1  | -1  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -3 | -3 | -4 | -6 | -7 | -8 | -8 | -7  | -6  | -5 | -4  | -3  | -3  | -3  | -2  | -2  | -4  | -5  | -3  | 0   | 0   | -2  | -8  | -4  | 99  | 99  | 99 | 99 | 99 |    |    |    |
| 40 | 0   | 0   | 0   | 0   | -1  | -1  | -2  | -2  | -2  | -2  | -3  | -3  | -3  | -3 | -3 | -4 | -5 | -7 | -8 | -9 | -10 | -10 | -9 | -8  | -8  | -7  | -7  | -6  | -6  | -6  | -7  | -7  | -5  | 0   | 4   | -3  | -4  | 99  | 99  | 99 | 99 | 99 |    |    |    |
| 38 | 0   | 0   | -1  | -2  | -3  | -3  | -3  | -4  | -4  | -5  | -5  | -5  | -3  | -1 | -1 | -2 | -3 | -4 | -5 | -7 | -8  | -9  | -9 | -10 | -10 | -10 | -11 | -11 | -12 | -12 | -12 | -13 | -12 | -10 | -7  | -6  | -3  | -2  | 99  | 99 | 99 | 99 | 99 |    |    |
| 36 | -3  | -4  | -5  | -7  | -8  | -9  | -9  | -9  | -10 | -10 | -11 | -11 | -9  | -4 | -1 | 0  | 0  | 0  | -1 | -3 | -4  | -6  | -7 | -8  | -9  | -10 | -11 | -11 | -12 | -13 | -14 | -15 | -16 | -17 | -17 | -11 | -4  | -2  | 0   | 99 | 99 | 99 | 99 | 99 |    |
| 34 | -8  | -10 | -11 | -12 | -13 | -14 | -15 | -16 | -14 | -10 | -6  | -6  | -13 | -9 | -7 | -6 | -4 | -3 | -2 | -2 | -2  | -3  | -4 | -6  | -7  | -8  | -8  | -7  | -7  | -8  | -9  | -10 | -12 | -16 | -20 | -21 | -15 | -14 | -11 | -7 | 99 | 99 | 99 | 99 | 99 |
| 32 | -13 | -10 | -7  | -6  | -6  | -6  | -6  | -5  | -2  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 30 | -1  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |
| 28 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |
| 26 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |

TOESTAND D

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM EB

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 66 | 3   | 2   | 0   | 0   | -1  | -1  | 0   | 0   | 0   | 0   | 0   | -1  | -1  | -1  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | -1 | -2 | -3 | -5 | -5 | 0   | 2   | 0   | -4  | -13 | -25 | -40 | -23 | -41 | -40 | -34 | -27 | -22 | 99 |    |
| 64 | 0   | 0   | 0   | 0   | 0   | 1   | 2   | 1   | 1   | 1   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | -1 | -2 | -4 | -6  | 0   | 4   | 4   | 0   | -10 | -23 | -38 | -45 | -75 | 99  | 99  | 99  | 99 | 99 |
| 62 | 0   | 0   | 1   | 2   | 3   | 3   | 2   | 2   | 1   | 2   | 1   | 1   | 1   | 1   | 1  | 0  | 0  | 0  | 0  | 2  | 2  | 1  | 0  | -1 | -3 | -5 | -3  | 0   | 1   | 0   | -11 | -18 | -31 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 60 | 1   | 1   | 1   | 1   | 2   | 3   | 3   | 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2  | 0  | 0  | 0  | 0  | 1  | 3  | 2  | 1  | 0  | -1 | -4 | -4  | -3  | -2  | -1  | -14 | -18 | -29 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 58 | 1   | 0   | 0   | 0   | 0   | 1   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 3   | 2  | 1  | 1  | 1  | 0  | 1  | 2  | 3  | 2  | 1  | 0  | -1 | -2  | -2  | -1  | -2  | -13 | -20 | -28 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 56 | -1  | -2  | -2  | -1  | 0   | 0   | 1   | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 3  | 2  | 1  | 2  | 1  | 1  | 2  | 3  | 3  | 2  | 1  | 0  | 0   | -1  | 0   | -1  | -10 | -20 | -25 | -38 | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 54 | -2  | -2  | -2  | -2  | -2  | -1  | 0   | 0   | 2   | 3   | 2   | 1   | 2   | 2   | 2  | 2  | 2  | 2  | 2  | 1  | 2  | 3  | 4  | 3  | 3  | 2  | 1   | 0   | -1  | 0   | -4  | -15 | -19 | -35 | -44 | 99  | 99  | 99  | 99  | 99 |    |
| 52 | 0   | 0   | -1  | -2  | -3  | -3  | -2  | -1  | 0   | 0   | 0   | 0   | 0   | 1   | 1  | 1  | 1  | 2  | 3  | 2  | 2  | 3  | 4  | 5  | 5  | 4  | 3   | 1   | 0   | 0   | 0   | -9  | -13 | -25 | -40 | 99  | 99  | 99  | 99  | 99 |    |
| 50 | 0   | 0   | -1  | -2  | -3  | -4  | -4  | -4  | -3  | -3  | -2  | -2  | -2  | -1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 2  | 3  | 5  | 6  | 6  | 4   | 2   | 0   | -1  | 1   | -5  | -11 | -20 | -33 | -44 | 99  | 99  | 99  | 99 |    |
| 48 | 0   | 0   | 0   | -1  | -2  | -3  | -4  | -4  | -5  | -5  | -5  | -5  | -5  | -4  | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -1 | 0  | 3  | 6  | 7  | 4   | 2   | 0   | -1  | 0   | 0   | -5  | -10 | -21 | -39 | 99  | 99  | 99  | 99 |    |
| 46 | -1  | -2  | -2  | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -4  | -4  | -5  | -6  | -6 | -6 | -5 | -4 | -4 | -4 | -4 | -5 | -4 | -2 | 0  | 3  | 3   | 2   | 0   | -2  | -3  | 0   | -1  | -4  | -14 | -29 | 99  | 99  | 99  | 99 |    |
| 44 | -2  | -2  | -3  | -3  | -3  | -3  | -3  | -3  | -2  | -2  | -1  | -1  | -2  | -3  | -4 | -5 | -6 | -6 | -5 | -4 | -4 | -4 | -5 | -5 | -5 | -4 | -2  | -1  | -1  | -3  | -4  | -1  | 0   | 0   | -10 | -20 | 99  | 99  | 99  | 99 |    |
| 42 | -1  | -1  | -2  | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -2  | -2  | -2  | -3  | -3 | -4 | -6 | -7 | -7 | -7 | -7 | -6 | -5 | -4 | -4 | -3 | -3  | -3  | -3  | -5  | -6  | -5  | 0   | 1   | -3  | -12 | -16 | 99  | 99  | 99 |    |
| 40 | 0   | 0   | 0   | -1  | -2  | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -4 | -5 | -7 | -8 | -8 | -9 | -9 | -9 | -8 | -8 | -7 | -7  | -6  | -6  | -6  | -8  | -9  | -6  | 0   | 6   | -4  | -9  | 99  | 99  | 99 |    |
| 38 | 0   | 0   | -1  | -2  | -3  | -4  | -4  | -5  | -5  | -6  | -7  | -5  | -4  | -2  | -1 | -2 | -3 | -4 | -6 | -7 | -8 | -8 | -9 | -9 | -9 | -9 | -10 | -10 | -11 | -11 | -12 | -12 | -12 | -10 | -7  | -6  | -5  | -7  | 99  | 99 |    |
| 36 | -4  | -6  | -7  | -9  | -10 | -11 | -11 | -11 | -12 | -13 | -14 | -14 | -11 | -5  | -2 | 0  | 0  | 0  | -1 | -3 | -4 | -6 | -7 | -8 | -9 | -9 | -10 | -11 | -11 | -12 | -12 | -14 | -15 | -15 | -13 | -10 | -4  | -3  | 0   | 99 |    |
| 34 | -11 | -13 | -14 | -15 | -16 | -18 | -19 | -20 | -19 | -15 | -11 | -10 | -15 | -11 | -9 | -7 | -5 | -3 | -2 | -2 | -2 | -3 | -5 | -6 | -7 | -8 | -8  | -7  | -7  | -7  | -8  | -9  | -11 | -14 | -16 | -15 | -11 | -11 | -10 | -8 |    |
| 32 | -19 | -15 | -11 | -9  | -9  | -11 | -13 | -13 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 |
| 30 | -13 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 28 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 26 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |

TOESTAND D



## TIJD : MAXIMUM EB

[illegible]

TOESTAND D

## TIJD : LAAGWATER

[illegible]

A.6.5.5.

TIJD : LAAGWATER

|    |    |    |    |    |    |    |    |    |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | -1 | -2 | -2 | -1 | 0  | 0  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1  | 0   | 0   | 0   | -2  | -4  | -8  | -8  | -4  | -12 | -18 | -17 | -12 | -7 | -2 | 99 |    |    |    |    |    |    |    |    |
| 64 | -1 | -2 | -2 | -1 | 0  | 0  | 1  | 1  | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1  | -2  | -2  | -1  | 1   | 3   | 3   | -1  | -6  | -4  | -3  | -6  | -2  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |    |    |
| 62 | -1 | 0  | 0  | 1  | 2  | 3  | 2  | 1  | 0   | 0   | 0   | 0   | 0  | 1  | 2  | 2  | 2  | 2  | 1  | 1   | 1   | 0   | -1  | -2  | -3  | -3  | -1  | 1   | 0   | -2  | -4  | -2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 60 | 0  | 1  | 2  | 3  | 3  | 3  | 2  | 1  | 1   | 1   | 1   | 1   | 2  | 2  | 2  | 2  | 1  | 1  | 1  | 1   | 2   | 1   | 0   | -1  | -2  | -4  | -5  | -5  | -5  | -5  | -4  | -2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 58 | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 1   | 2   | 3   | 3   | 4  | 3  | 2  | 1  | 1  | 0  | 1  | 1   | 1   | 1   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -5  | -5  | -2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 56 | 0  | 0  | 0  | 1  | 1  | 2  | 2  | 2  | 3   | 3   | 3   | 4   | 4  | 4  | 4  | 3  | 2  | 2  | 1  | 1   | 2   | 2   | 2   | 1   | 0   | 0   | -1  | -1  | -1  | -1  | -5  | -8  | -7 | -3 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 54 | -1 | -1 | 0  | 0  | 0  | 2  | 2  | 3  | 4   | 5   | 5   | 4   | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 2   | 2   | 3   | 3   | 3   | 2   | 1   | 0   | 0   | 0   | 0   | -2  | -6  | -6 | -7 | -3 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 52 | 0  | 0  | -1 | -1 | -1 | 0  | 0  | 1  | 3   | 3   | 3   | 2   | 2  | 3  | 3  | 3  | 3  | 4  | 4  | 4   | 4   | 4   | 5   | 5   | 4   | 4   | 3   | 2   | 0   | 1   | 1   | -2  | -3 | -6 | -5 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 50 | 0  | 0  | -1 | -2 | -3 | -4 | -4 | -3 | -3  | -2  | -1  | -1  | 0  | 0  | 0  | 0  | 1  | 2  | 3  | 4   | 4   | 5   | 6   | 7   | 7   | 6   | 5   | 4   | 2   | 2   | 3   | 0   | -2 | -5 | -8 | -5 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 48 | 0  | 0  | -1 | -2 | -3 | -4 | -5 | -6 | -6  | -6  | -6  | -6  | -5 | -4 | -3 | -2 | -1 | -1 | -1 | 0   | 0   | 1   | 4   | 6   | 9   | 9   | 7   | 5   | 3   | 2   | 3   | 3   | 0  | -1 | -4 | -5 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 46 | -2 | -2 | -3 | -3 | -3 | -3 | -4 | -4 | -5  | -6  | -7  | -7  | -7 | -7 | -6 | -5 | -4 | -3 | -3 | -3  | -3  | -2  | 0   | 4   | 7   | 6   | 4   | 3   | 1   | 2   | 5   | 4   | 2  | -1 | -4 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 44 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -3 | -3  | -2  | -2  | -2  | -3 | -4 | -6 | -7 | -7 | -7 | -5 | -3  | -2  | -3  | -3  | -4  | -3  | -1  | 0   | 1   | 1   | 0   | 0   | 4   | 6  | 5  | 0  | -2 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 42 | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3  | -3  | -3  | -3  | -3 | -4 | -5 | -6 | -7 | -8 | -9 | -8  | -7  | -5  | -3  | -2  | -1  | -1  | 0   | 0   | 0   | 0   | -1  | 1   | 5  | 7  | 4  | -1 | -1 | 99 | 99 | 99 | 99 | 99 | 99 |
| 40 | 0  | 0  | 0  | 0  | -1 | -1 | -1 | -2 | -2  | -3  | -3  | -3  | -4 | -4 | -4 | -6 | -7 | -8 | -9 | -10 | -11 | -10 | -9  | -8  | -7  | -6  | -5  | -3  | -2  | -2  | -3  | -3  | 0  | 6  | 12 | 4  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 38 | 0  | 0  | 0  | -1 | -2 | -2 | -3 | -4 | -4  | -4  | -4  | -4  | -2 | -1 | -1 | -2 | -3 | -4 | -6 | -7  | -9  | -9  | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -9  | -8  | -5 | 0  | 0  | 2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 |
| 36 | -3 | -4 | -5 | -6 | -8 | -8 | -9 | -9 | -10 | -10 | -10 | -10 | -8 | -3 |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |

TOESTAND D

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : LAAGWATER

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|
| 66 | 1   | -1  | -2  | -3  | -3  | -2  | 0   | 0   | 1   | 0   | 0   | -1  | -1  | -2  | -1 | 0  | 2  | 4   | 6   | 5   | 2   | 0   | -1  | -3  | -3  | 0   | 1   | -1  | -4  | -8  | -15 | -20 | -17 | -32 | -35 | -34 | -29 | -22 | -17 | 99 |    |    |    |    |
| 64 | -2  | -3  | -3  | -2  | 0   | 1   | 3   | 3   | 1   | 0   | 0   | 0   | 0   | 0   | 2  | 4  | 5  | 5   | 5   | 4   | 1   | 0   | -2  | -4  | -6  | -3  | 5   | 10  | 7   | -3  | -14 | -17 | -20 | -39 | -29 | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 62 | -2  | -1  | 0   | 2   | 4   | 5   | 4   | 2   | 1   | 1   | 1   | 1   | 2   | 3   | 5  | 5  | 5  | 4   | 4   | 4   | 2   | 0   | -2  | -4  | -7  | -8  | -3  | 2   | 1   | -5  | -13 | -14 | 13  | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 60 | 0   | 2   | 4   | 6   | 6   | 5   | 4   | 3   | 3   | 3   | 3   | 4   | 5   | 6   | 6  | 5  | 4  | 3   | 3   | 4   | 4   | 3   | 0   | -2  | -6  | -9  | -10 | -9  | -9  | -11 | -15 | -18 | 14  | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 58 | 2   | 3   | 4   | 4   | 4   | 5   | 5   | 4   | 3   | 3   | 5   | 6   | 8   | 9   | 7  | 5  | 4  | 3   | 2   | 3   | 4   | 4   | 2   | 0   | -2  | -4  | -6  | -7  | -7  | -9  | -16 | -26 | -40 | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 56 | 0   | 0   | 0   | 1   | 2   | 3   | 4   | 5   | 6   | 6   | 7   | 9   | 9   | 9   | 8  | 6  | 5  | 4   | 3   | 3   | 4   | 5   | 4   | 3   | 1   | 0   | -2  | -3  | -2  | -2  | -14 | -28 | -36 | -48 | 99  | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 54 | -2  | -1  | -1  | 0   | 1   | 3   | 5   | 7   | 9   | 10  | 10  | 9   | 9   | 9   | 8  | 8  | 7  | 7   | 6   | 5   | 6   | 7   | 8   | 7   | 5   | 3   | 1   | 0   | -1  | 0   | -5  | -19 | -25 | -42 | -55 | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 52 | 0   | 0   | -1  | -2  | -2  | -1  | 1   | 3   | 5   | 6   | 6   | 5   | 5   | 5   | 6  | 6  | 7  | 9   | 10  | 9   | 9   | 10  | 12  | 12  | 11  | 8   | 6   | 4   | 1   | 3   | 5   | -8  | -13 | -27 | -44 | 99  | 99  | 99  | 99  | 99 |    |    |    |    |
| 50 | 0   | 0   | -2  | -4  | -5  | -6  | -6  | -5  | -4  | -3  | -2  | -2  | -1  | 0   | 0  | 1  | 2  | 3   | 6   | 7   | 9   | 10  | 13  | 16  | 16  | 13  | 10  | 7   | 4   | 4   | 10  | 0   | -9  | -19 | -35 | -48 | 99  | 99  | 99  | 99 | 99 |    |    |    |
| 48 | 1   | 0   | -1  | -3  | -4  | -6  | -7  | -8  | -9  | -9  | -8  | -8  | -7  | -6  | -5 | -3 | -2 | -2  | -1  | -1  | 0   | 2   | 7   | 14  | 18  | 17  | 13  | 9   | 6   | 4   | 9   | 10  | 2   | -4  | -17 | -39 | 99  | 99  | 99  | 99 | 99 |    |    |    |
| 46 | -3  | -4  | -4  | -4  | -4  | -5  | -5  | -5  | -6  | -6  | -8  | -9  | -9  | -9  | -9 | -8 | -7 | -5  | -4  | -4  | -4  | -4  | -2  | 0   | 7   | 12  | 11  | 8   | 6   | 3   | 5   | 13  | 12  | 7   | -6  | -25 | 99  | 99  | 99  | 99 |    |    |    |    |
| 44 | -5  | -5  | -6  | -6  | -6  | -6  | -5  | -5  | -4  | -3  | -3  | -3  | -4  | -5  | -7 | -8 | -9 | -8  | -6  | -4  | -3  | -3  | -4  | -5  | -4  | -2  | 0   | 2   | 2   | 1   | 1   | 8   | 15  | 15  | 1   | -12 | 99  | 99  | 99  | 99 |    |    |    |    |
| 42 | -3  | -4  | -4  | -4  | -4  | -4  | -5  | -5  | -5  | -4  | -4  | -4  | -4  | -5  | -6 | -7 | -8 | -10 | -10 | -9  | -8  | -6  | -4  | -3  | -2  | -1  | 0   | 0   | 0   | 0   | -2  | 1   | 11  | 19  | 12  | -3  | -6  | 99  | 99  | 99 | 99 |    |    |    |
| 40 | 0   | 0   | 0   | -1  | -2  | -2  | -3  | -3  | -4  | -4  | -4  | -5  | -5  | -5  | -6 | -7 | -8 | -9  | -10 | -11 | -11 | -11 | -10 | -9  | -8  | -7  | -5  | -4  | -3  | -3  | -5  | -4  | 0   | 12  | 27  | 8   | 0   | 99  | 99  | 99 | 99 |    |    |    |
| 38 | 1   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -7  | -7  | -7  | -6  | -3  | -1  | -1 | -2 | -4 | -6  | -7  | -8  | -9  | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -6  | 0   | 1   | 4   | 1   | 99  | 99 | 99 | 99 |    |    |
| 36 | -5  | -7  | -9  | -11 | -12 | -13 | -14 | -14 | -15 | -17 | -17 | -16 | -11 | -4  | -1 | 1  | 1  | 0   | 0   | -2  | -4  | -6  | -8  | -9  | -9  | -10 | -10 | -11 | -11 | -11 | -12 | -13 | -13 | -13 | -10 | -5  | 1   | 3   | 9   | 99 | 99 | 99 | 99 |    |
| 34 | -14 | -16 | -18 | -19 | -20 | -21 | -23 | -24 | -22 | -17 | -12 | -11 | -17 | -12 | -9 | -7 | -4 | -2  | -1  | 0   | -1  | -3  | -5  | -6  | -8  | -9  | -8  | -7  | -6  | -6  | -7  | -8  | -9  | -12 | -14 | -12 | -7  | -6  | -3  | 0  | 99 | 99 | 99 | 99 |
| 32 | -23 | -19 | -15 | -11 | -11 | -13 | -15 | -14 | -14 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |
| 30 | -12 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |
| 28 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |
| 26 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 |    |    |    |

TOESTAND D

## TIJD : LAAGWATER

TOESTAND D

VERSCHIL IN WATERSTAND (CM)

TIJD : MAXIMUM VLOED

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 2  | 2  | 2  | 2  | 2  | 0  | 1  | 2  | 1  | 1  | 2  | 2  | 1   | 99  |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 64 | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 0  | 1  | 3  | 3  | 2  | 3  | 0  | 0  | 3  | 3  | 2  | 99 | 99 | 99 | 99  | 99  |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 62 | 0  | 0  | 1  | 1  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 1  | 2  | 2  | 2  | 0  | 0  | 2  | 3  | 99 | 99 | 99 | 99 | 99 | 99  | 99  |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 60 | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 0  | 1  | 2  | 3  | 99 | 99 | 99 | 99 | 99 | 99  | 99  |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 58 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 1  | 2  | 2  | 3  | 99 | 99 | 99 | 99 | 99 | 99  | 99  |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 56 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 1  | 2  | 1  | 3  | 3  | 99 | 99 | 99 | 99 | 99  | 99  | 99 |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 54 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 99 | 99 | 99 | 99  | 99  | 99 |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 52 | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 99 | 99 | 99 | 99  | 99  | 99 |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 50 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 1  | 2  | 1  | 0  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 99 | 99 | 99 | 99  | 99  | 99 |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 48 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 1  | 2  | 1  | 2  | 2  | 2  | 99 | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 46 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 2  | 2  | 2  | 99 | 99 | 99  | 99  | 99 | 99 |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 44 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 2  | 2  | 2  | 3  | 99 | 99 | 99  | 99  | 99 | 99 |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 42 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 2  | 1  | 1  | 4  | 3  | 99 | 99 | 99  | 99  | 99 | 99 |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 40 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 0  | 0  | 1  | 1  | 2  | 2  | 0  | 3  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 38 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 2  | 2  | 0  | 2  | 0  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 36 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 1  | 2  | 1  | 0  | -1 | -2  | -4  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 34 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 1  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2  | 1  | 0  | 0  | 0  | 1  | 1  | 2  | 0  | -6 | -10 | -10 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 32 | -1 | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 99 | 99 | 99 | 0  | -1 | -2 | -1 | -1 | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 1  | 2  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 1  | 3  | -3 | -6 | -7  | -9  | 99 | 99 | 99 | 99 | 99 |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | -2 | -6 | -8 | -10 | -12 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99</ |

TOESTAND D

TIJD : MAXIMUM VLOED

TOESTAND D



## TIJD : MAXIMUM VLOED

TOESTAND D

## TIJD : MAXIMUM VLOED

TOESTAND D

## TIJD :. HOOGWATER

TOESTAND D

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|
| 66 | 2  | 2  | 0  | -1 | -1 | -1 | -1 | -1 | 0   | 0   | 0   | 0   | 0   | -1  | -1  | -1 | -1 | -1 | 0  | 0  | -1 | -1  | -1  | -1  | -1  | -2  | -3  | -4  | -4  | -3  | -1  | 0   | -4  | -14 | -13 | -16 | -19 | -13 | 99 |    |
| 64 | 0  | 0  | -1 | -1 | -1 | -1 | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | -1  | -1 | 0  | 0  | 0  | 0  | -1 | -1  | -2  | -2  | -2  | -2  | -2  | -2  | -3  | -2  | 0   | -2  | -10 | -11 | 99  | 99  | 99  | 99  | 99 | 99 |
| 62 | -2 | -2 | -1 | 0  | 0  | 1  | 1  | 1  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | -1 | -1  | -2  | -2  | -3  | -3  | -3  | -2  | -2  | -3  | -2  | 1   | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 60 | 0  | 0  | 0  | 1  | 2  | 2  | 2  | 2  | 1   | 1   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | -1  | -2  | -2  | -4  | -5  | -5  | -6  | -6  | -6  | -4  | 4   | 99  | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 58 | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | -1 | -1  | -1  | -2  | -2  | -3  | -5  | -6  | -7  | -7  | -6  | -3  | 6   | 99  | 99  | 99  | 99  | 99  | 99 |    |
| 56 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 1  | 1  | 0  | 0  | -1 | -1 | -1  | -1  | -2  | -2  | -3  | -4  | -5  | -6  | -6  | -4  | -1  | 0   | 0   | 99  | 99  | 99  | 99  | 99 | 99 |
| 54 | -1 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0   | 1   | 2   | 2   | 3   | 3   | 3   | 2  | 1  | 1  | 0  | 0  | -1 | -1  | -1  | -2  | -2  | -2  | -3  | -5  | -5  | -5  | -5  | -5  | -10 | -4  | 0   | 99  | 99  | 99  | 99 | 99 |
| 52 | -1 | -1 | -1 | -1 | -1 | -1 | 0  | 0  | 1   | 2   | 3   | 4   | 4   | 4   | 4   | 3  | 3  | 2  | 2  | 1  | 0  | 0   | 0   | 0   | 0   | -1  | -2  | -3  | -4  | -4  | -4  | -7  | -12 | -11 | -4  | 99  | 99  | 99  | 99 | 99 |
| 50 | 0  | 0  | 0  | 0  | 0  | -1 | -1 | -1 | -1  | 0   | 0   | 1   | 2   | 2   | 3   | 3  | 2  | 2  | 2  | 3  | 2  | 2   | 2   | 1   | 1   | 0   | 0   | 0   | -1  | -2  | -3  | -6  | -11 | -11 | -9  | -1  | 99  | 99  | 99 | 99 |
| 48 | 1  | 1  | 1  | 0  | 0  | 0  | -1 | -2 | -2  | -2  | -2  | -2  | -1  | -1  | 0   | 0  | 0  | 0  | 1  | 1  | 1  | 1   | 2   | 3   | 3   | 4   | 3   | 2   | 1   | 0   | 0   | -3  | -8  | -11 | -13 | -5  | 99  | 99  | 99 | 99 |
| 46 | 0  | 0  | -1 | -1 | -1 | -1 | -2 | -2 | -2  | -2  | -3  | -3  | -4  | -5  | -5  | -4 | -4 | -3 | -2 | -1 | -1 | -1  | -1  | 0   | 1   | 4   | 5   | 5   | 4   | 2   | 0   | -1  | -5  | -9  | -13 | -10 | 99  | 99  | 99 | 99 |
| 44 | -1 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3  | -3  | -3  | -2  | -3  | -3  | -4  | -4 | -5 | -5 | -4 | -3 | -3 | -2  | -2  | -2  | 0   | 0   | 1   | 1   | 1   | 0   | -1  | -5  | -10 | -15 | 99  | 99  | 99  | 99  |    |    |
| 42 | -1 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -4 | -5 | -6 | -6 | -6 | -6  | -5  | -4  | -3  | -3  | -2  | -1  | 0   | 0   | 0   | 0   | 0   | 0   | -5  | -18 | -4  | 99  | 99 | 99 |
| 40 | -1 | -1 | -2 | -2 | -2 | -1 | -1 | -1 | -2  | -2  | -3  | -3  | -3  | -3  | -4  | -4 | -5 | -6 | -6 | -7 | -8 | -9  | -9  | -9  | -9  | -8  | -7  | -6  | -4  | -2  | -1  | 0   | 0   | 0   | 0   | -15 | -10 | 99  | 99 | 99 |
| 38 | -2 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -3  | -5  | -5  | -4  | -4  | -4  | -4  | -5 | -5 | -6 | -7 | -8 | -9 | -10 | -10 | -11 | -11 | -10 | -10 | -10 | -9  | -7  | -6  | -5  | -4  | -2  | -5  | -10 | -2  | 99  | 99 | 99 |
| 36 | -3 | -9 | -9 | -9 | -9 | -8 | -8 | -8 | -12 | -15 | -15 | -14 | -13 | -13 | -11 | -9 | -7 | -5 | -4 | -4 | -4 | -5  | -6  | -7  | -8  | -9  | -10 | -11 | -11 | -12 | -12 | -11 | -11 | -10 | -8  | -5  | -7  | -6  |    |    |

TOESTAND D

## TIJD : HOOGWATER

TOESTAND D

# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 3  | 5  | 7  | 6  | 2  | -5 | 1  | 1  | 2   | 0  | 99 |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 6  | 7  | 6  | 5  | 0  | 99 | 99 | 99  | 99 | 99 |    |    |    |    |    |
| 62 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 3  | 3  | 4  | 6  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 99  |    |    |    |    |    |    |    |
| 60 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 2  | 2  | 2  | 2  | 1  | 6  | 11 | 99 | 99 | 99 | 99 | 99  | 99 |    |    |    |    |    |    |
| 58 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 5  | 28 | 99 | 99 | 99 | 99 | 99  | 99 |    |    |    |    |    |    |
| 56 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 11 | 76 | 79  | 99 | 99 | 99 | 99 | 99 |    |    |
| 54 | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 11 | 39 | 21 | -12 | 99 | 99 | 99 | 99 | 99 |    |    |
| 52 | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 6  | 15 | 9  | -4 | 99  | 99 | 99 | 99 | 99 |    |    |    |
| 50 | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3  | 7  | 7   | 9  | 1  | 99 | 99 | 99 | 99 |    |
| 48 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4   | 4  | 5  | -1 | 99 | 99 | 99 | 99 |
| 46 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 1  | 3  | 2   | 2  | 0  | 99 | 99 | 99 | 99 |    |
| 44 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1 | -1 | 0  | 0  | 2   | 2  | 1  | 1  | 99 | 99 | 99 | 99 |
| 42 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 1  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -1 | -1 | 0  | 0  | 2  | 3   | 5  | 6  | 0  | 99 | 99 | 99 |    |
| 40 | -1 | -1 | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 1  | 1  | 1  | 0  | 0  | 0  | -1 | -1 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 3  | 5  | 6  | 0  | 99 | 99 | 99 |
| 38 | -1 | -1 | -1 | 0  | 0  | 1  | 1  | 1  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | -1 | -2 | -2 | -2 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 2  | 4  | 4  | 0  | 99 | 99 |    |
| 36 | -2 | -1 | 0  | 0  | 0  | 1  | 1  | 0  | -2 | 0  | 1  | 2  | 0  | 0  | -1 | -1 | -2 | -2 | -2 | -2 | -1 | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 1  | 1  | 2  | 0  | 0  | 99 |    |
| 34 | -3 | -1 | 0  | 0  | 1  | 2  | 2  | 1  | -4 | 0  | 0  | 1  | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | 0  | 0  | 0  | 0  | -1 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 1  | 0  | 0  | 0  | 0  |    |    |
| 32 | -5 | -1 | 0  | 0  | 0  | 1  | 2  | 3  | 0  | 99 | 99 | 99 | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   | 1  | -1 | -1 | -1 | 0  | -1 |    |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND D

B I J L A G E 7

Model met mazen van 1.000 m.  
Hydrodynamische wijzigingen.  
Toestand E t.o.v. toestand D



## TIJD : MAXIMUM EB

TOESTAND E

## TIJD : MAXIMUM EB

TOESTAND E

## TIJD : MAXIMUM EB

TOESTAND E

## TIJD : MAXIMUM EB

[illegible]

TOESTAND E

## TIJD : LAAGWATER

TOESTAND E

TIJD : LAAGWATER

TOESTAND E

## TIJD : LAAGWATER

TOESTAND E



HOEKVERDRAAIING T.O.V. DE STROMING BIJ TOESTAND D  
TIJD : LAAGWATER

[illegible]

TOESTAND E

## TIJD : MAXIMUM VLOED

[illegible]

TOESTAND E

## TIJD : MAXIMUM VLOED

[illegible]

A.7.9.

TIJD : MAXIMUM VLOED

TOESTAND E

## TIJD : MAXIMUM VLOED

A.7.11.

## TIJD : MAXIMUM VLOED

TOESTAND E

## TIJD : HOOGWATER

TOESTAND E



TIJD : HOOGWATER

[illegible]

TOESTAND E

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : HOOGWATER

|    |    |    |    |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |
|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2  | 2  | 2   | 2   | 2   | 2   | 2   | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -3 | -5 | -3  | -2  | 0  | 0  | 0  | 0  | 99 |    |
| 64 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 2   | 2  | 2  | 2   | 2   | 2   | 2   | 2   | 2  | 2  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -5 | -7  | -4  | -3 | 99 | 99 | 99 | 99 | 99 |
| 62 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 2   | 2   | 2   | 3   | 3  | 3  | 3   | 3   | 3   | 3   | 3   | 2  | 2  | 2  | 2  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | -3 | -8 | -11 | 99  | 99 | 99 | 99 | 99 | 99 |    |
| 60 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 2   | 3   | 3   | 3   | 3  | 4  | 4   | 4   | 4   | 3   | 3   | 3  | 2  | 2  | 0  | 0  | 0  | 2  | 2  | 0  | 0  | 0  | -3 | -9 | -15 | 99  | 99 | 99 | 99 | 99 | 99 |    |
| 58 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 3   | 3   | 4   | 4   | 4  | 4  | 4   | 4   | 4   | 3   | 3   | 2  | 2  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | 0  | -2 | -9 | -21 | 99  | 99 | 99 | 99 | 99 | 99 |    |
| 56 | 0  | 0  | 0  | 0   | 0   | 2   | 3   | 3   | 4   | 4   | 5   | 5  | 5  | 5   | 5   | 5   | 4   | 4   | 3  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | 2  | 0  | 0  | 0  | -2 | -14 | 167 | 99 | 99 | 99 | 99 | 99 |    |
| 54 | 0  | 0  | 0  | -3  | 0   | 0   | 2   | 3   | 4   | 4   | 5   | 6  | 6  | 7   | 7   | 6   | 5   | 5   | 4  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4  | 6   | 24  | 39 | 99 | 99 | 99 | 99 |    |
| 52 | 0  | 0  | 0  | -2  | -3  | 0   | 2   | 2   | 3   | 5   | 6   | 7  | 8  | 8   | 8   | 7   | 6   | 5   | 4  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 4  | 7   | 11  | 18 | 99 | 99 | 99 | 99 |    |
| 50 | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 3   | 5   | 7   | 9   | 10 | 10 | 9   | 8   | 7   | 6   | 4   | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 5   | 6   | 8  | 6  | 99 | 99 | 99 | 99 |
| 48 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 0   | 0   | 4   | 9   | 11 | 12 | 12  | 10  | 9   | 7   | 5   | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 3  | 4   | 5   | 4  | 99 | 99 | 99 | 99 |    |
| 46 | 0  | 0  | 0  | 0   | 0   | 0   | 3   | 2   | 0   | 5   | 11  | 11 | 11 | 11  | 11  | 9   | 7   | 6   | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2  | 2   | 2   | 99 | 99 | 99 | 99 |    |    |
| 44 | 0  | 0  | 0  | 0   | 0   | 0   | 2   | 4   | 2   | 3   | 8   | 11 | 11 | 10  | 9   | 7   | 5   | 4   | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 | 99 |
| 42 | -2 | -2 | -2 | -3  | -3  | -2  | 0   | 4   | 4   | 0   | 5   | 9  | 9  | 8   | 5   | 2   | 2   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2  | -2  | 0  | 0  | 0  | 99 | 99 | 99 |
| 40 | -2 | -3 | -4 | -5  | -6  | -6  | -3  | 0   | 6   | 0   | -4  | 2  | 6  | 2   | 0   | -3  | -4  | -4  | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 |    |
| 38 | -3 | -4 | -5 | -7  | -9  | -12 | -13 | -9  | 4   | -12 | -22 | -8 | 0  | -11 | -14 | -14 | -12 | -10 | -8 | -7 | -5 | -4 | -3 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 99 | 99 | 99 |    |
| 36 | -4 | -5 | -7 | -10 | -14 | -19 | -27 | -37 | -44 | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 34 | -4 | -6 | -8 | -11 | -16 | -23 | -34 | -50 | -67 | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 32 | -4 | -6 | -9 | -12 | -16 | -21 | -28 | -36 | -43 | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 30 | -3 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 28 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |
| 26 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99 | 99 | 99 |    |    |

TOESTAND E

HOEKVERDRAAIING T.O.V. DE STROMING BIJ TOESTAND D  
TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| 66 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -2 | -2 | -3 | -3 | -2 | -2 | -2 | -3 | -3 | -2 | C   | C   | 0   | 0  | 0  | 0  | 99 |    |    |    |    |    |
| 64 | 0  | 0  | 0  | 0  | 0  | C  | C  | 0  | 0  | 0  | C  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -4 | -3 | -2 | C   | C   | 99  | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 62 | 0  | C  | 0  | 0  | C  | C  | C  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | C  | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |
| 60 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -5 | -6 | -2 | 99  | 99  | 99  | 99 | 99 | 99 |    |    |    |    |    |    |
| 58 | 0  | 0  | 0  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -3 | -3 | -3 | -4 | -6 | -8  | -5  | 99  | 99 | 99 | 99 | 99 |    |    |    |    |    |
| 56 | 0  | 0  | C  | 0  | 2  | 2  | 2  | 2  | 2  | 2  | 0  | 0  | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -4 | -6 | -10 | -20 | -86 | 99 | 99 | 99 | 99 | 99 |    |    |    |    |
| 54 | 0  | 0  | C  | 0  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 0   | 0   | 0   | 0   | -2  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -3 | -4 | -6 | -8  | -14 | -11 | -6 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 52 | 0  | 2  | 2  | 0  | 0  | 0  | 2  | 3  | 3  | 3  | 3  | 2  | 0   | 0   | 0   | 0   | -2  | -3  | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -5  | -6  | -7  | -6 | -4 | 99 | 99 | 99 | 99 | 99 |    |    |
| 50 | 2  | 2  | 3  | 3  | 2  | 2  | 2  | 2  | 3  | 4  | 3  | 2  | 0   | 0   | 0   | 0   | -2  | -3  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4  | -4  | -4  | -4 | -2 | C  | 99 | 99 | 99 | 99 |    |    |
| 48 | 2  | 2  | 3  | 4  | 5  | 4  | 4  | 3  | 3  | 4  | 2  | 0  | 0   | 0   | 0   | 0   | -3  | -3  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -4  | -4  | -3  | -2 | -2 | C  | 99 | 99 | 99 | 99 |    |    |
| 46 | 2  | 2  | 3  | 4  | 5  | 6  | 7  | 7  | 5  | 4  | 3  | 0  | 0   | 0   | 0   | -2  | -3  | -4  | -4 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -3  | -3  | -2  | -2 | C  | C  | 99 | 99 | 99 | 99 |    |    |
| 44 | 2  | 3  | 3  | 5  | 6  | 7  | 9  | 10 | 7  | 4  | 4  | 2  | 0   | -3  | -4  | -5  | -5  | -5  | -5 | -5 | -5 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2  | -2  | -2  | C  | C  | 99 | 99 | 99 | 99 |    |    |    |
| 42 | 2  | 3  | 4  | 5  | 7  | 9  | 12 | 13 | 12 | 5  | 2  | 0  | -2  | -5  | -6  | -7  | -7  | -6  | -6 | -5 | -4 | -3 | -3 | -2 | -2 | -2 | C  | C  | C  | C  | 0  | C   | C   | C   | C  | C  | C  | C  | 0  | 99 | 99 | 99 | 99 |
| 40 | 2  | 3  | 4  | 6  | 8  | 12 | 16 | 19 | 19 | 6  | C  | 0  | -5  | -9  | -10 | -10 | -9  | -8  | -6 | -5 | -4 | -3 | -2 | -2 | 0  | C  | C  | C  | C  | C  | C  | C   | C   | C   | C  | C  | C  | C  | 0  | C  | 99 | 99 | 99 |
| 38 | 2  | 3  | 4  | 5  | 8  | 12 | 19 | 26 | 31 | 4  | 2  | 2  | -13 | -16 | -16 | -14 | -12 | -9  | -7 | -5 | -4 | -3 | -2 | -2 | 0  | C  | C  | C  | C  | C  | 0  | C   | C   | C   | C  | C  | C  | C  | 0  | 0  | 0  | 99 | 99 |
| 36 | 0  | 2  | 3  | 4  | 7  | 11 | 18 | 34 | 67 | 99 | 99 | 99 | -56 | -33 | -23 | -17 | -13 | -10 | -8 | -6 | -4 | -3 | -2 | C  | 0  | C  | C  | C  | C  | C  | C  | C   | C   | C   | C  | C  | C  | C  | 0  | 0  | 0  | 0  | 99 |
| 34 | 0  | 0  | 2  | 2  | 4  | 6  | 11 | 21 | 50 | 99 | 99 | 99 | -40 | -33 | -23 | -16 | -11 | -8  | -6 | -4 | -3 | -3 | -2 | C  | 0  | C  | C  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| 32 | 0  | 0  | 0  | 0  | C  | C  | 2  | 3  | 0  | 99 | 99 | 99 | -68 | -33 | -15 | -8  | -5  | -3  | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | C  | C  | C  | C  | 0  | C   | C   | C   | C  | C  | C  | C  | 0  | 0  | 0  | 0  |    |
| 30 | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 28 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 26 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |

TOESTAND E

B I J L A G E . 8

- Vergelijking ijkingsresultaten.  
Model met mazen van 1.000 m en  
model met mazen van 500 m.
- Resultaten referentietoestand  
model met mazen van 500 m.

— ijkingsresultaten model met  
mazen van 1.000 m.

.... ijkingsresultaten model met  
mazen van 500 m.

# DIEPTE IN METER

|    | 2  | 4  | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 2  | 2  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 7  | 6  | 5  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 17 | 17 | 17 | 15 | 15 | 15 | 15 | 23 |
| 4  | 99 | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 6  | 6  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 15 | 16 | 17 | 17 | 17 | 17 | 15 | 15 | 15 | 15 | 23 |    |
| 6  | 99 | 4  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 16 | 17 | 17 | 15 | 15 | 11 | 11 | 14 | 14 | 23 |    |    |
| 8  | 99 | 3  | 6  | 5  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 8  | 9  | 9  | 10 | 11 | 11 | 12 | 13 | 14 | 16 | 16 | 17 | 15 | 15 | 11 | 11 | 14 | 14 | 23 |    |
| 10 | 99 | 99 | 5  | 5  | 6  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 17 | 17 | 17 | 14 | 14 | 16 | 16 | 20 |    |
| 12 | 99 | 99 | 4  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 14 | 15 | 17 | 17 | 17 | 14 | 14 | 16 | 16 | 20 |    |
| 14 | 99 | 99 | 4  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 8  | 8  | 9  | 10 | 10 | 10 | 11 | 11 | 10 | 11 | 13 | 13 | 15 | 16 | 17 | 16 | 14 | 15 | 16 | 17 | 13 |    |
| 16 | 99 | 99 | 3  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 8  | 8  | 9  | 10 | 10 | 10 | 11 | 10 | 11 | 11 | 12 | 13 | 15 | 16 | 16 | 17 | 15 | 15 | 16 | 17 | 19 |    |
| 18 | 99 | 99 | 2  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 8  | 8  | 9  | 10 | 10 | 11 | 11 | 10 | 10 | 11 | 11 | 13 | 15 | 16 | 16 | 16 | 15 | 14 | 15 | 16 | 18 |    |
| 20 | 99 | 99 | 99 | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 8  | 9  | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 14 | 15 | 16 | 16 | 16 | 14 | 15 | 16 | 17 |    |
| 22 | 99 | 99 | 99 | 3  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 10 | 11 | 11 | 10 | 11 | 12 | 13 | 15 | 15 | 16 | 14 | 14 | 16 | 17 |    |    |
| 24 | 99 | 99 | 99 | 99 | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 9  | 9  | 7  | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 15 | 14 | 14 | 15 | 16 |    |
| 26 | 99 | 99 | 99 | 99 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 10 | 10 | 11 | 11 | 10 | 10 | 10 | 12 | 13 | 13 | 13 | 15 | 15 | 14 | 13 | 14 | 15 |    |
| 28 | 99 | 99 | 99 | 99 | 5  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 8  | 8  | 9  | 10 | 10 | 11 | 11 | 11 | 10 | 11 | 12 | 13 | 14 | 15 | 15 | 14 | 13 | 13 | 13 | 15 |    |    |
| 30 | 99 | 99 | 99 | 99 | 5  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 8  | 8  | 9  | 10 | 10 | 11 | 11 | 10 | 10 | 11 | 12 | 13 | 14 | 14 | 15 | 14 | 13 | 12 | 14 |    |    |    |
| 32 | 99 | 99 | 99 | 99 | 4  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 5  | 9  | 9  | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 14 | 13 | 12 | 14 |    |
| 34 | 99 | 99 | 99 | 99 | 3  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 10 | 12 | 12 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 13 | 12 | 12 |    |
| 36 | 99 | 99 | 99 | 99 | 3  | 7  | 7  | 7  | 7  | 7  | 6  | 7  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 12 | 10 | 11 | 11 | 12 | 13 | 13 | 14 | 13 | 13 | 13 | 13 | 12 | 12 |    |
| 38 | 99 | 99 | 99 | 99 | 3  | 6  | 5  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 12 | 13 | 12 | 12 | 12 |    |
| 40 | 99 | 99 | 99 | 99 | 3  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 6  | 8  | 9  | 10 | 11 | 11 | 12 | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 12 | 12 | 13 | 12 | 12 | 11 |    |

# DIEPTE IN METER

|    | 2  | 4  | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 38 | 99 | 99 | 99 | 99 | 3  | 6  | 5  | 5  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 11 |    |    |
| 40 | 99 | 99 | 99 | 99 | 2  | 6  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 9  | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 |    |
| 42 | 99 | 99 | 99 | 99 | 1  | 5  | 7  | 7  | 8  | 7  | 7  | 7  | 6  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 14 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |    |
| 44 | 99 | 99 | 99 | 99 | 1  | 5  | 7  | 7  | 4  | 7  | 7  | 8  | 8  | 9  | 9  | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 12 | 11 | 11 | 10 | 11 | 11 | 11 | 10 | 11 | 12 |    |
| 50 | 99 | 99 | 99 | 99 | 1  | 5  | 5  | 7  | 7  | 8  | 7  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 11 | 10 | 10 | 10 | 11 | 11 | 10 | 10 | 10 | 11 |    |
| 52 | 99 | 99 | 99 | 99 | 3  | 5  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 11 | 10 | 10 | 10 | 11 | 11 | 10 | 10 | 10 | 11 |    |
| 54 | 99 | 99 | 99 | 99 | 1  | 4  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 11 | 11 | 11 | 18 | 18 | 12 | 13 | 12 | 10 | 9  | 9  | 9  | 10 | 10 | 10 | 11 | 12 | 12 |    |    |
| 56 | 99 | 99 | 99 | 99 | 1  | 5  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 12 | 12 | 12 | 12 | 13 | 13 | 11 | 10 | 9  | 8  | 9  | 9  | 10 | 10 | 11 | 12 | 13 |    |
| 58 | 99 | 99 | 99 | 99 | 99 | 99 | 12 | 8  | 9  | 9  | 8  | 8  | 9  | 10 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 11 | 9  | 8  | 7  | 7  | 9  | 10 | 10 | 11 | 11 | 12 |    |
| 60 | 99 | 99 | 99 | 99 | 99 | 99 | 12 | 9  | 9  | 9  | 9  | 9  | 10 | 12 | 12 | 12 | 12 | 11 | 11 | 12 | 13 | 13 | 13 | 9  | 8  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 11 |    |    |
| 62 | 99 | 99 | 99 | 99 | 99 | 99 | 11 | 10 | 9  | 9  | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 12 | 10 | 9  | 7  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 10 |    |    |
| 64 | 99 | 99 | 99 | 99 | 99 | 99 | 13 | 12 | 11 | 11 | 10 | 9  | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 13 | 11 | 10 | 9  | 8  | 7  | 7  | 8  | 9  | 10 | 10 | 11 | 11 |    |    |    |
| 66 | 99 | 99 | 99 | 99 | 99 | 99 | 13 | 13 | 12 | 11 | 9  | 8  | 9  | 10 | 10 | 10 | 10 | 11 | 11 | 13 | 13 | 11 | 9  | 9  | 8  | 7  | 7  | 8  | 9  | 9  | 10 | 11 | 12 |    |    |
| 68 | 99 | 99 | 99 | 99 | 99 | 99 | 13 | 12 | 11 | 9  | 8  | 8  | 9  | 10 | 11 | 10 | 10 | 11 | 12 | 14 | 12 | 11 | 9  | 9  | 8  | 7  | 7  | 8  | 9  | 9  | 10 | 10 | 11 |    |    |
| 70 | 99 | 99 | 99 | 99 | 99 | 99 | 9  | 8  | 9  | 9  | 9  | 8  | 8  | 9  | 10 | 11 | 10 | 10 | 11 | 12 | 14 | 12 | 11 | 9  | 9  | 8  | 7  | 8  | 8  | 8  | 9  | 10 | 10 | 11 |    |
| 72 | 99 | 99 | 99 | 99 | 99 | 99 | 2  | 7  | 7  | 8  | 9  | 8  | 8  | 8  | 9  | 10 | 11 | 10 | 10 | 11 | 13 | 14 | 12 | 11 | 9  | 9  | 7  | 7  | 7  | 8  | 8  | 9  | 10 | 10 | 11 |
| 74 | 99 | 99 | 99 | 99 | 99 | 99 | 3  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 11 | 10 | 10 | 11 | 14 | 13 | 12 | 10 | 9  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 |
| 76 | 99 | 99 | 99 | 99 | 99 | 99 | 5  | 8  | 8  | 8  | 8  | 9  | 8  | 9  | 9  | 10 | 11 | 10 | 9  | 11 | 14 | 13 | 12 | 10 | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  |    |
| 78 | 99 | 99 | 99 | 99 | 99 | 99 | 5  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 11 | 11 | 10 | 10 | 12 | 14 | 13 | 11 | 9  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  |    |
| 80 | 99 | 99 | 99 | 99 | 99 | 99 | 5  | 9  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 11 | 11 | 10 | 10 | 12 | 14 | 12 | 11 | 9  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  |    |
| 82 | 99 | 99 | 99 | 99 | 99 | 99 | 5  | 9  | 8  | 8  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 13 | 14 | 12 | 10 | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  |    |

# DIEPTE IN METER

|     | 2  | 4  | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 84  | 99 | 99 | 99 | 99 | 6  | 9  | 8  | 8  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 11 | 13 | 13 | 12 | 9  | 6  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  |
| 86  | 99 | 99 | 99 | 99 | 5  | 9  | 6  | 7  | 7  | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 11 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  |
| 88  | 99 | 99 | 99 | 99 | 5  | 9  | 8  | 7  | 7  | 7  | 9  | 10 | 11 | 11 | 11 | 12 | 12 | 14 | 12 | 10 | 9  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  |
| 90  | 99 | 99 | 99 | 99 | 5  | 9  | 8  | 7  | 7  | 7  | 9  | 10 | 11 | 12 | 12 | 12 | 14 | 13 | 11 | 10 | 8  | 6  | 8  | 7  | 6  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  |
| 92  | 99 | 99 | 99 | 99 | 6  | 9  | 8  | 7  | 7  | 7  | 9  | 11 | 12 | 12 | 12 | 13 | 14 | 13 | 11 | 9  | 8  | 8  | 8  | 6  | 6  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  |
| 94  | 99 | 99 | 99 | 99 | 6  | 8  | 8  | 7  | 7  | 8  | 10 | 11 | 12 | 13 | 13 | 14 | 13 | 12 | 9  | 9  | 8  | 8  | 7  | 6  | 6  | 6  | 7  | 7  | 8  | 8  | 9  | 9  | 9  |
| 96  | 99 | 99 | 99 | 99 | 6  | 8  | 8  | 7  | 7  | 9  | 10 | 12 | 12 | 13 | 14 | 14 | 13 | 10 | 9  | 9  | 8  | 8  | 7  | 6  | 6  | 6  | 7  | 7  | 8  | 8  | 9  | 9  | 9  |
| 98  | 99 | 99 | 99 | 99 | 7  | 8  | 8  | 7  | 9  | 9  | 11 | 12 | 13 | 13 | 14 | 13 | 11 | 9  | 9  | 9  | 8  | 8  | 6  | 6  | 6  | 7  | 7  | 8  | 8  | 8  | 8  | 7  | 8  |
| 100 | 99 | 99 | 99 | 99 | 8  | 8  | 7  | 7  | 8  | 9  | 11 | 12 | 13 | 14 | 14 | 13 | 10 | 8  | 9  | 9  | 8  | 7  | 5  | 6  | 6  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  |
| 102 | 99 | 99 | 99 | 99 | 8  | 8  | 7  | 8  | 8  | 10 | 11 | 13 | 13 | 14 | 13 | 12 | 9  | 9  | 9  | 9  | 8  | 7  | 5  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 8  | 8  | 7  |
| 104 | 99 | 99 | 99 | 99 | 6  | 8  | 7  | 8  | 9  | 10 | 12 | 13 | 14 | 14 | 13 | 11 | 8  | 9  | 9  | 9  | 8  | 6  | 5  | 5  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
| 106 | 99 | 99 | 99 | 99 | 6  | 8  | 8  | 8  | 9  | 11 | 12 | 13 | 14 | 14 | 13 | 11 | 7  | 9  | 9  | 9  | 8  | 5  | 5  | 5  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  |
| 108 | 99 | 99 | 99 | 99 | 8  | 8  | 8  | 8  | 9  | 11 | 13 | 14 | 14 | 14 | 13 | 8  | 8  | 9  | 10 | 9  | 7  | 6  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  |
| 110 | 99 | 99 | 99 | 99 | 8  | 8  | 8  | 9  | 10 | 11 | 13 | 14 | 14 | 14 | 11 | 8  | 9  | 10 | 9  | 8  | 7  | 5  | 5  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  |
| 112 | 99 | 99 | 99 | 99 | 5  | 9  | 9  | 9  | 10 | 12 | 13 | 14 | 14 | 13 | 10 | 9  | 9  | 10 | 9  | 8  | 6  | 5  | 5  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  |
| 114 | 99 | 99 | 99 | 99 | 10 | 9  | 9  | 11 | 13 | 14 | 15 | 14 | 13 | 10 | 9  | 9  | 10 | 9  | 8  | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 8  |
| 116 | 99 | 99 | 99 | 99 | 10 | 10 | 10 | 12 | 13 | 14 | 15 | 14 | 13 | 11 | 8  | 10 | 10 | 9  | 6  | 5  | 5  | 5  | 5  | 5  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 8  | 9  |
| 118 | 99 | 99 | 99 | 99 | 7  | 10 | 10 | 13 | 14 | 14 | 14 | 14 | 12 | 11 | 8  | 10 | 10 | 8  | 4  | 4  | 5  | 5  | 5  | 5  | 6  | 9  | 7  | 7  | 7  | 7  | 8  | 8  | 9  |
| 120 | 99 | 99 | 99 | 99 | 7  | 10 | 11 | 13 | 14 | 15 | 15 | 14 | 12 | 11 | 8  | 10 | 10 | 6  | 4  | 4  | 4  | 5  | 5  | 5  | 6  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  |
| 122 | 99 | 99 | 99 | 99 | 7  | 10 | 12 | 14 | 15 | 15 | 15 | 13 | 12 | 10 | 8  | 10 | 9  | 5  | 4  | 4  | 4  | 5  | 5  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 8  | 9  | 9  |



10000

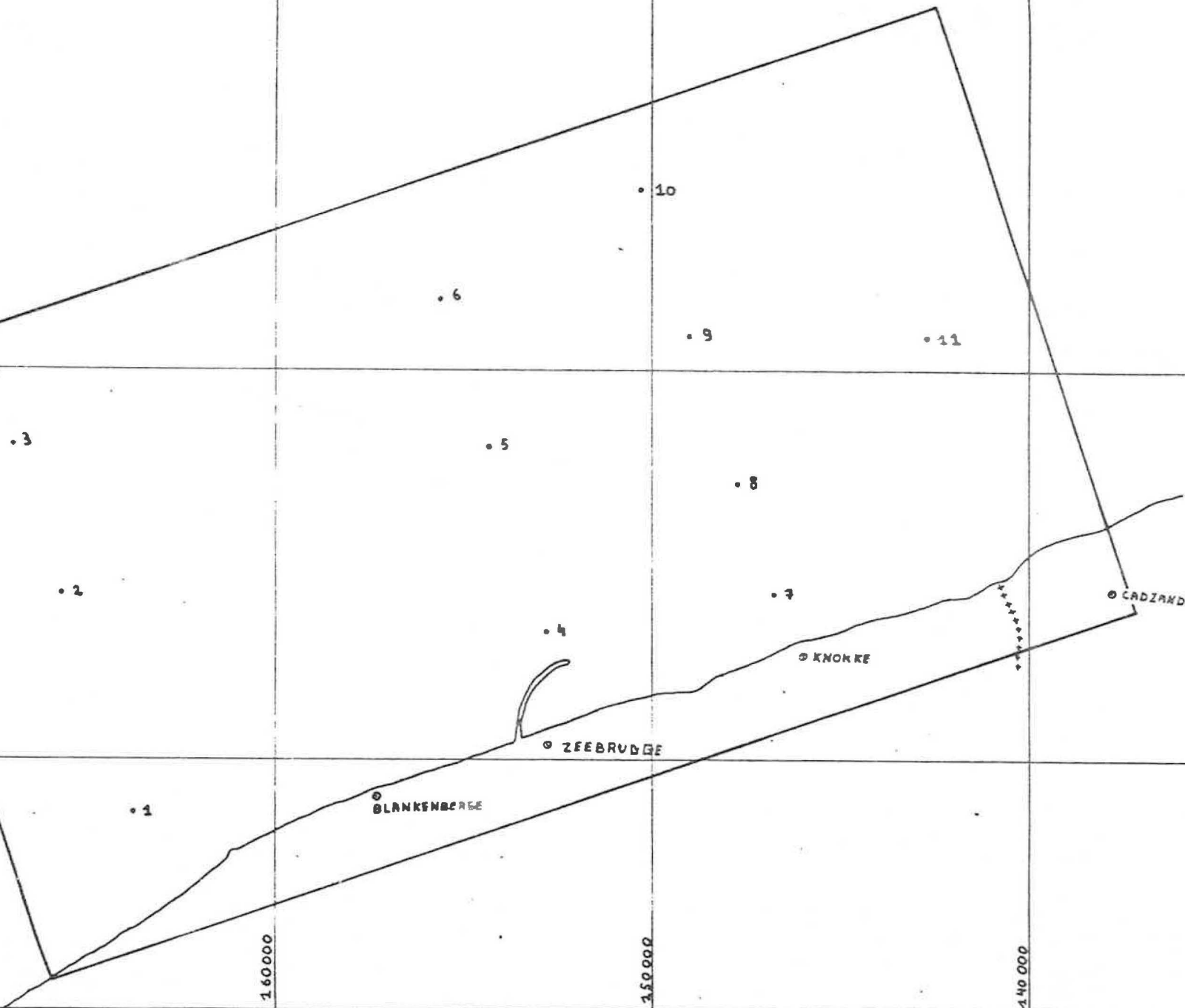
90000

170000

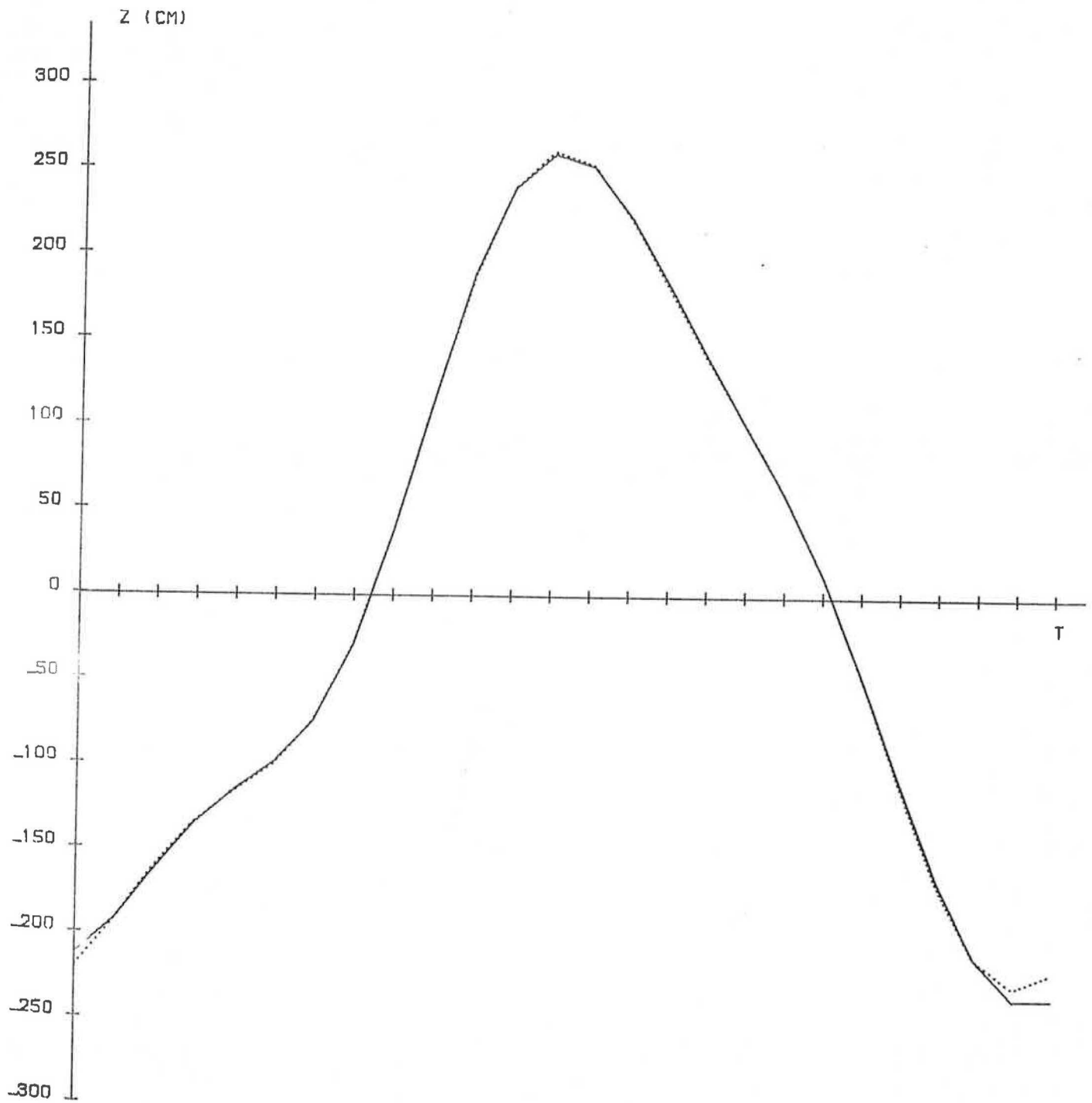
160000

150000

140000



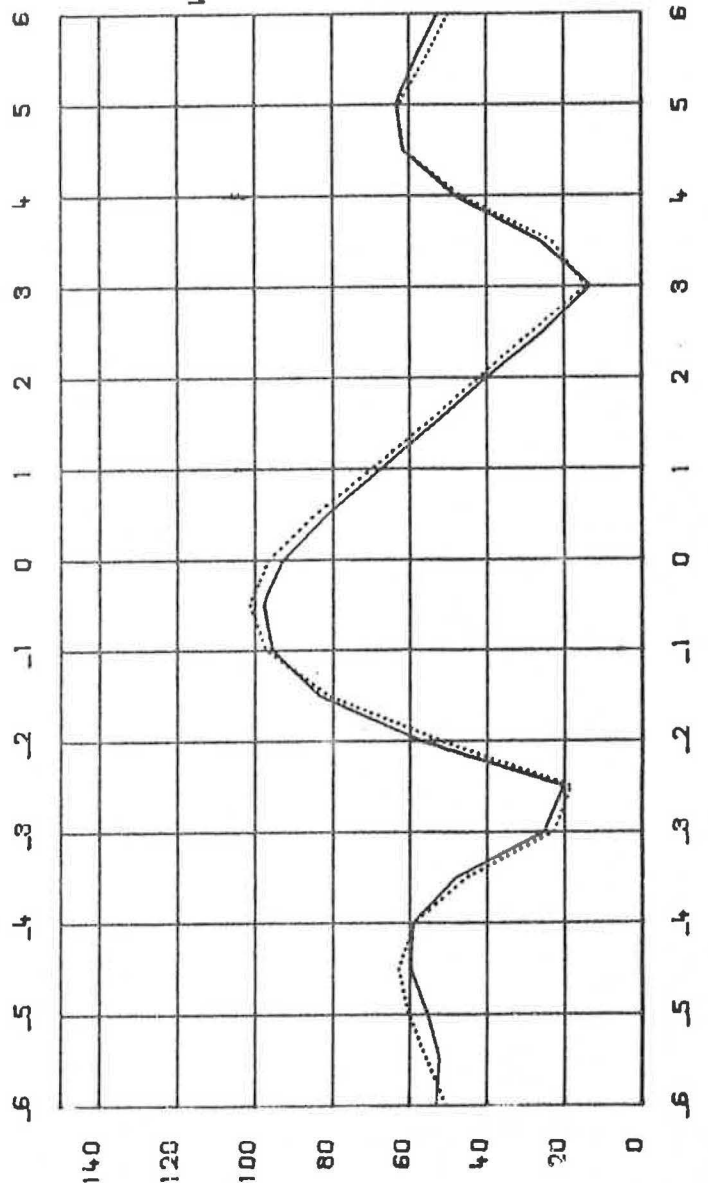
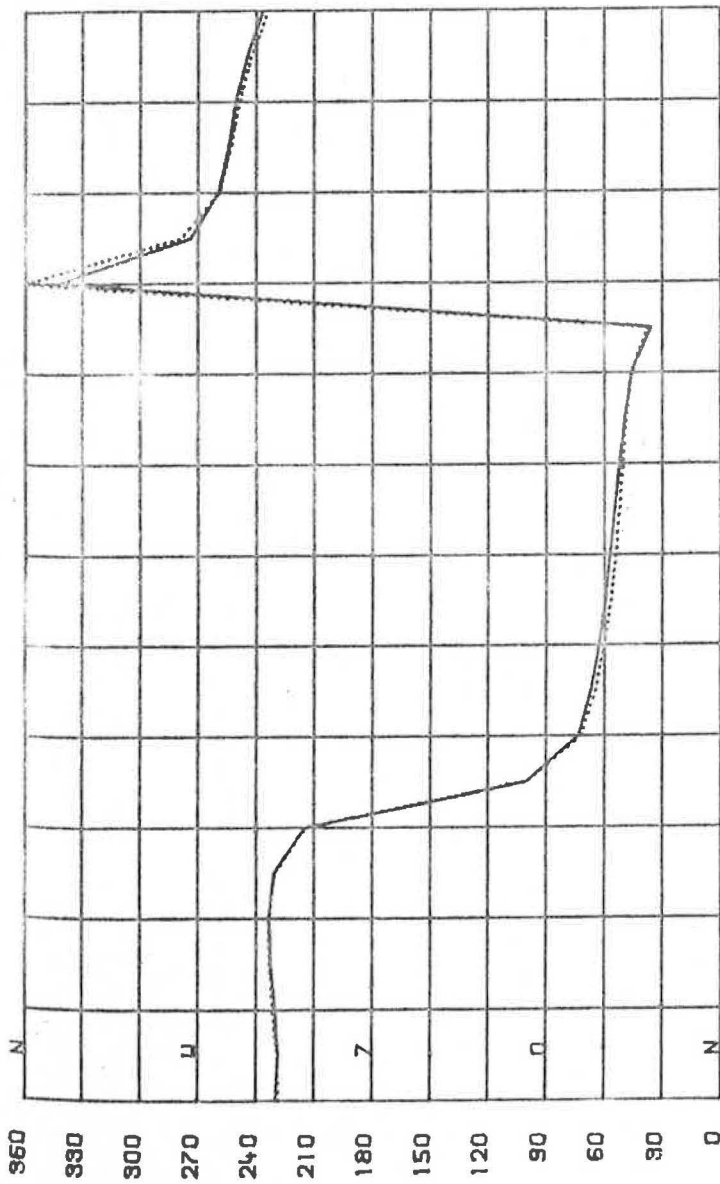
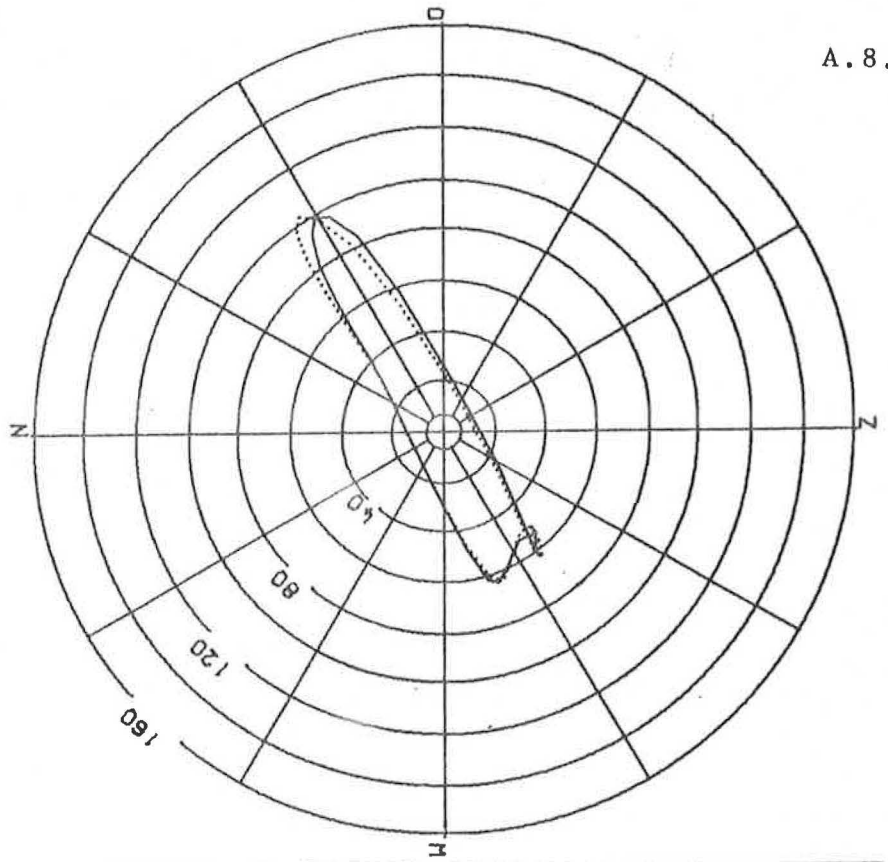
Horizontale en vertikale getijden : vergelijking ijkingsresultaten

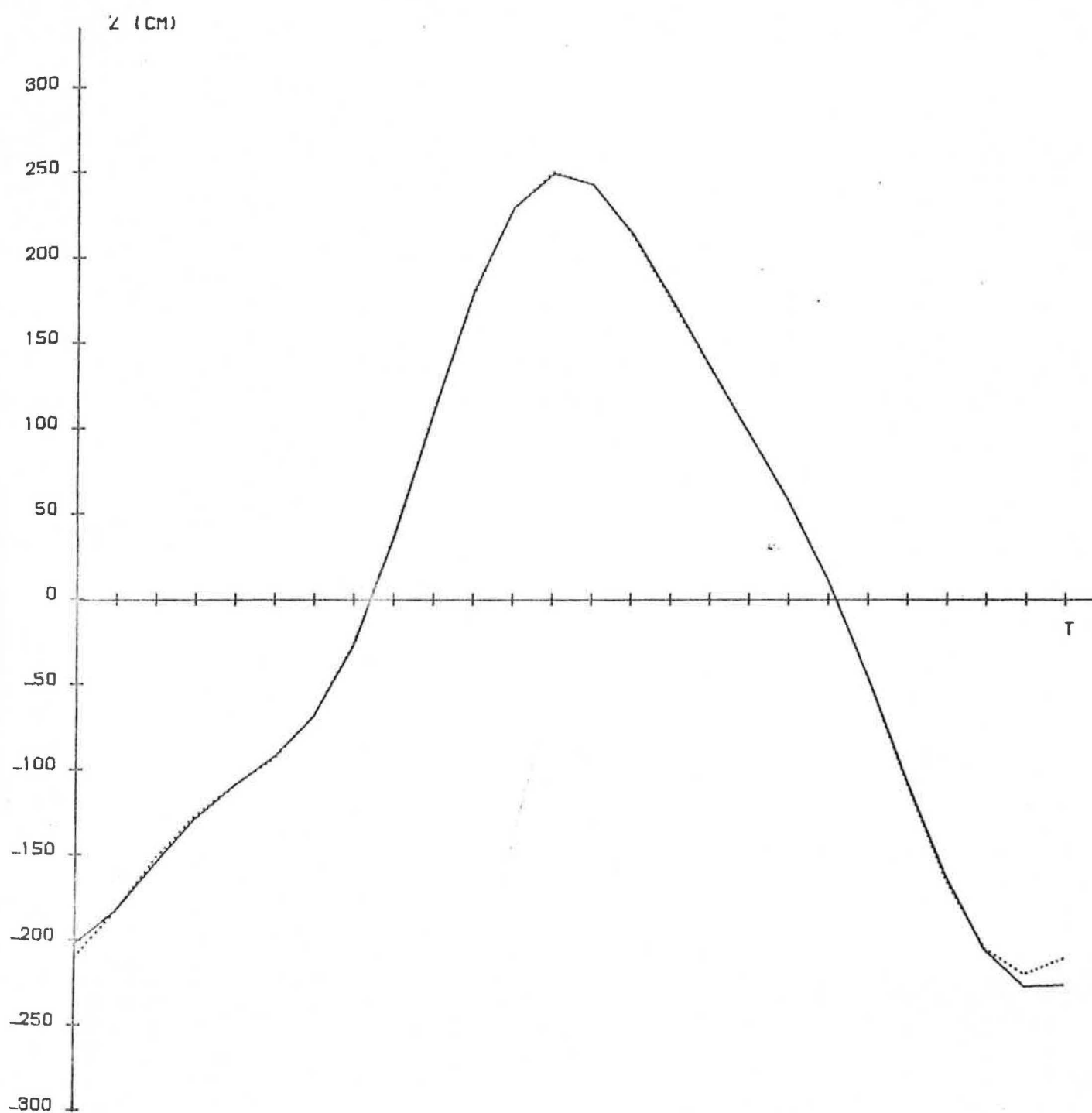
MEETPUNT : 1

MEETPUNT : 1  
 \*\*\*\*\*

| <u>TIJD</u> | <u>MODEL 1 KM</u> |      | <u>MODEL 500 M</u> |      |
|-------------|-------------------|------|--------------------|------|
|             | AM                | PHA  | AM                 | PHA  |
| -6          | 53.               | 230. | 51.                | 229. |
| -5          | 56.               | 230. | 61.                | 231. |
| -4          | 59.               | 234. | 59.                | 234. |
| -3          | 25.               | 214. | 23.                | 214. |
| -2          | 57.               | 73.  | 52.                | 71.  |
| -1          | 96.               | 62.  | 97.                | 60.  |
| 0           | 92.               | 57.  | 96.                | 54.  |
| 1           | 67.               | 52.  | 70.                | 50.  |
| 2           | 40.               | 45.  | 42.                | 46.  |
| 3           | 13.               | 344. | 14.                | 360. |
| 4           | 48.               | 259. | 47.                | 259. |
| 5           | 64.               | 250. | 63.                | 248. |
| 6           | 52.               | 236. | 50.                | 233. |

MEETPUNT : 1



MEETPUNT : 2

MEETPUNT : 2  
 \*\*\*\*\*

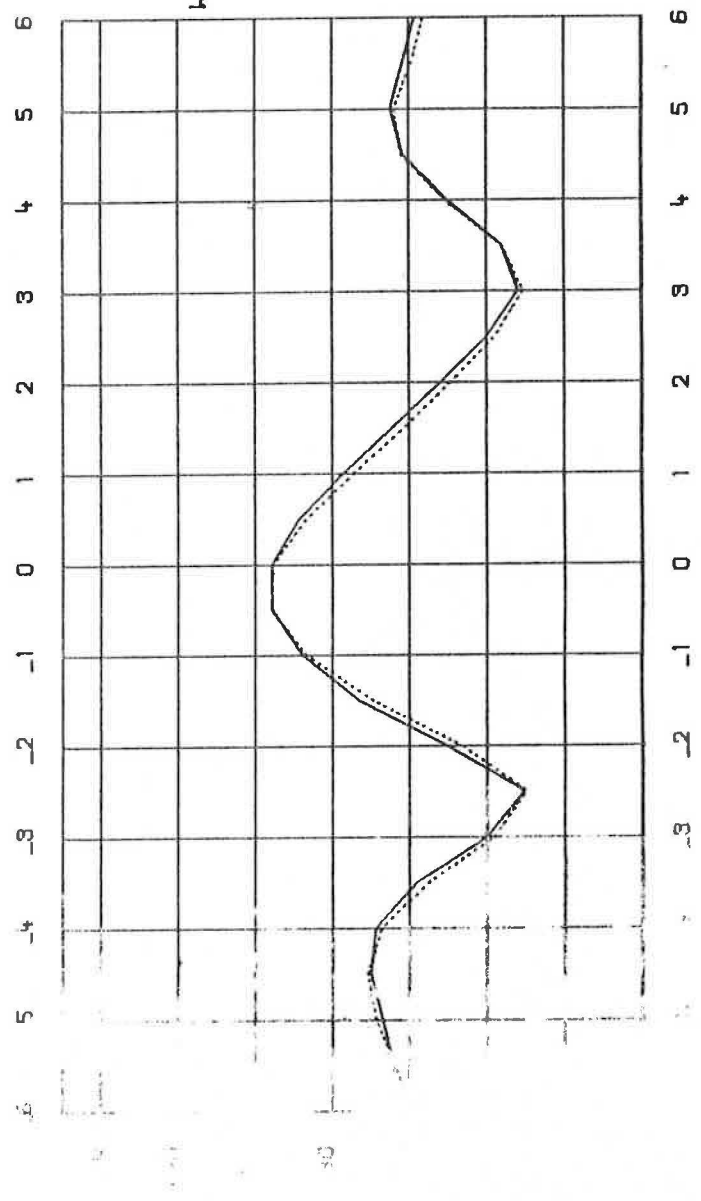
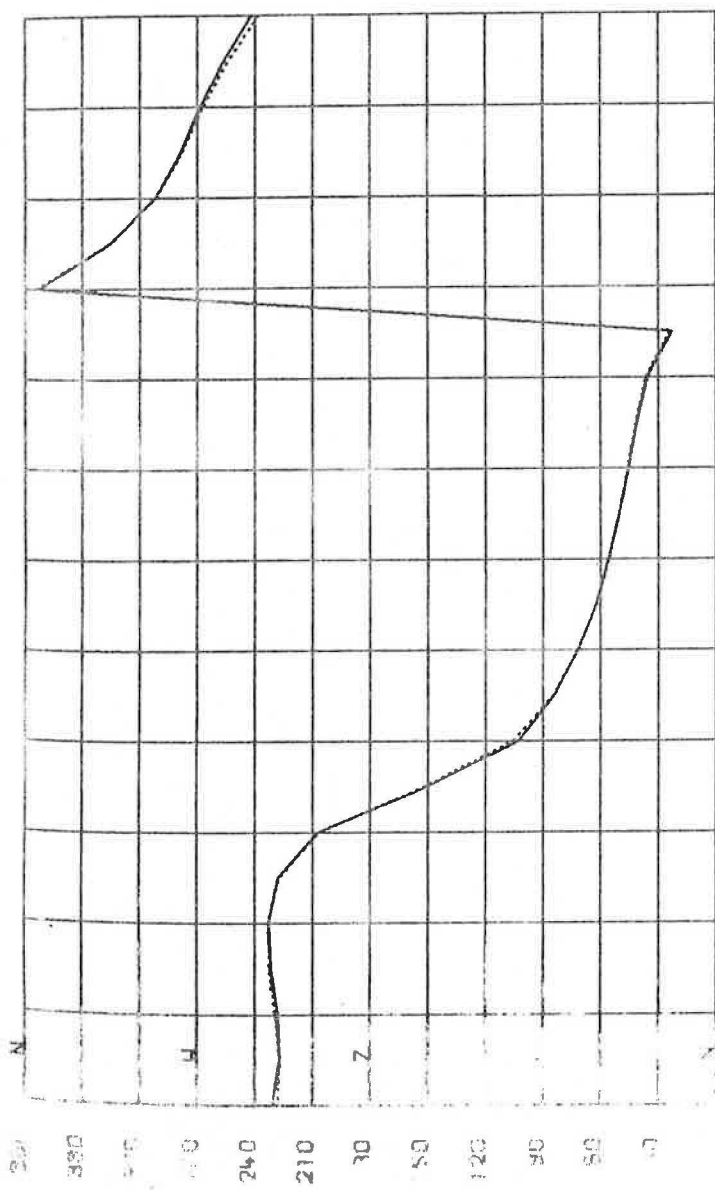
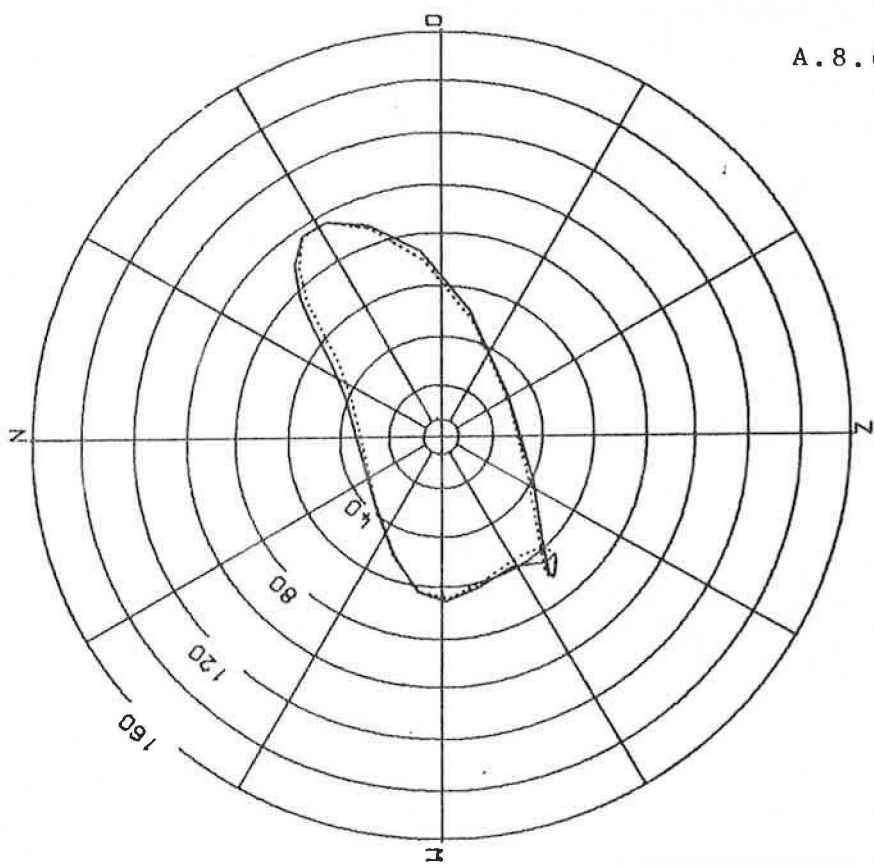
TIJD

MODEL 1 KM

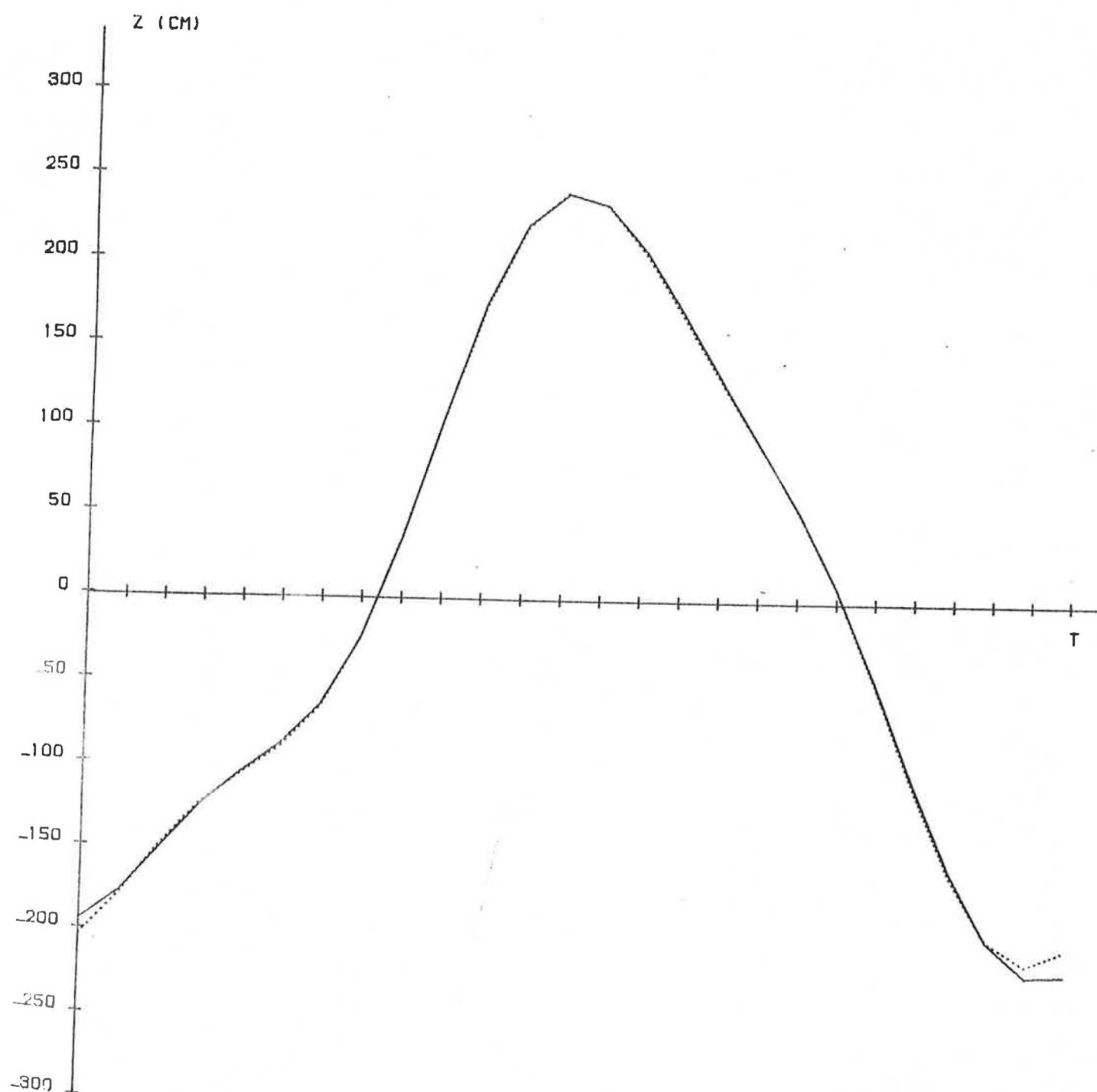
MODEL 500 M

|    | AM  | PHA  | AM  | PHA  |
|----|-----|------|-----|------|
| -6 | 64. | 231. | 59. | 228. |
| -5 | 67. | 228. | 69. | 230. |
| -4 | 69. | 233. | 67. | 233. |
| -3 | 40. | 207. | 38. | 206. |
| -2 | 50. | 102. | 47. | 105. |
| -1 | 88. | 71.  | 87. | 71.  |
| 0  | 96. | 55.  | 95. | 55.  |
| 1  | 77. | 45.  | 74. | 46.  |
| 2  | 52. | 35.  | 49. | 36.  |
| 3  | 32. | 353. | 31. | 354. |
| 4  | 50. | 291. | 51. | 291. |
| 5  | 65. | 268. | 64. | 267. |
| 6  | 58. | 242. | 56. | 238. |

MEETPUNT : 2



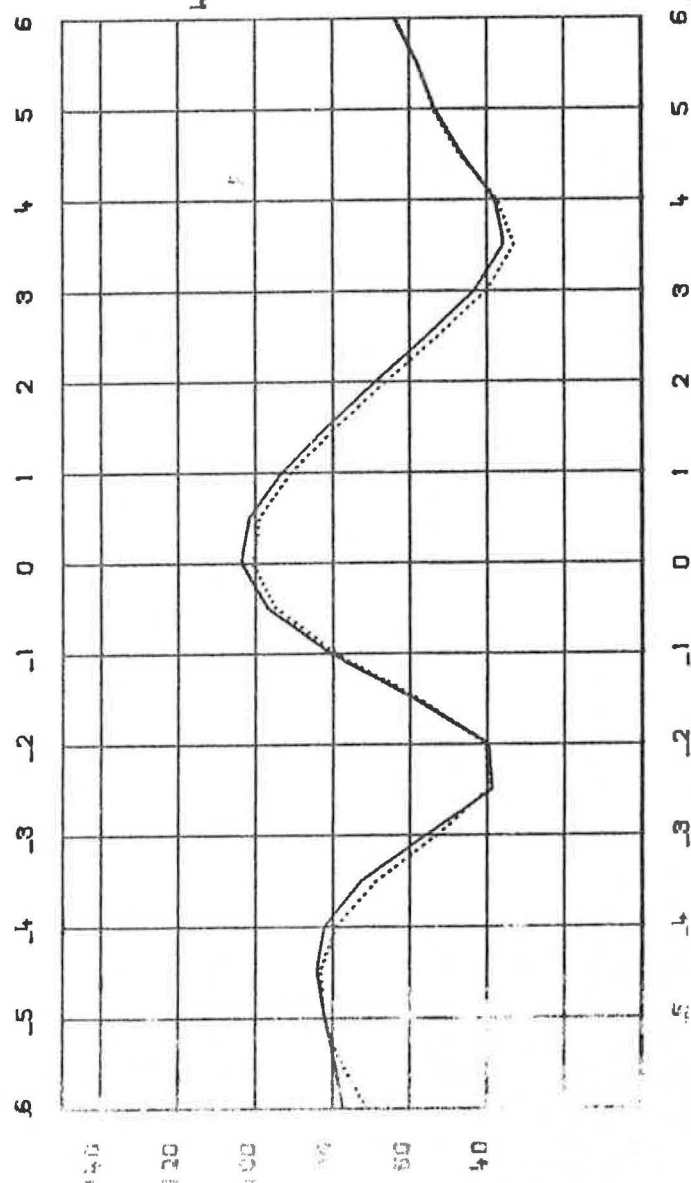
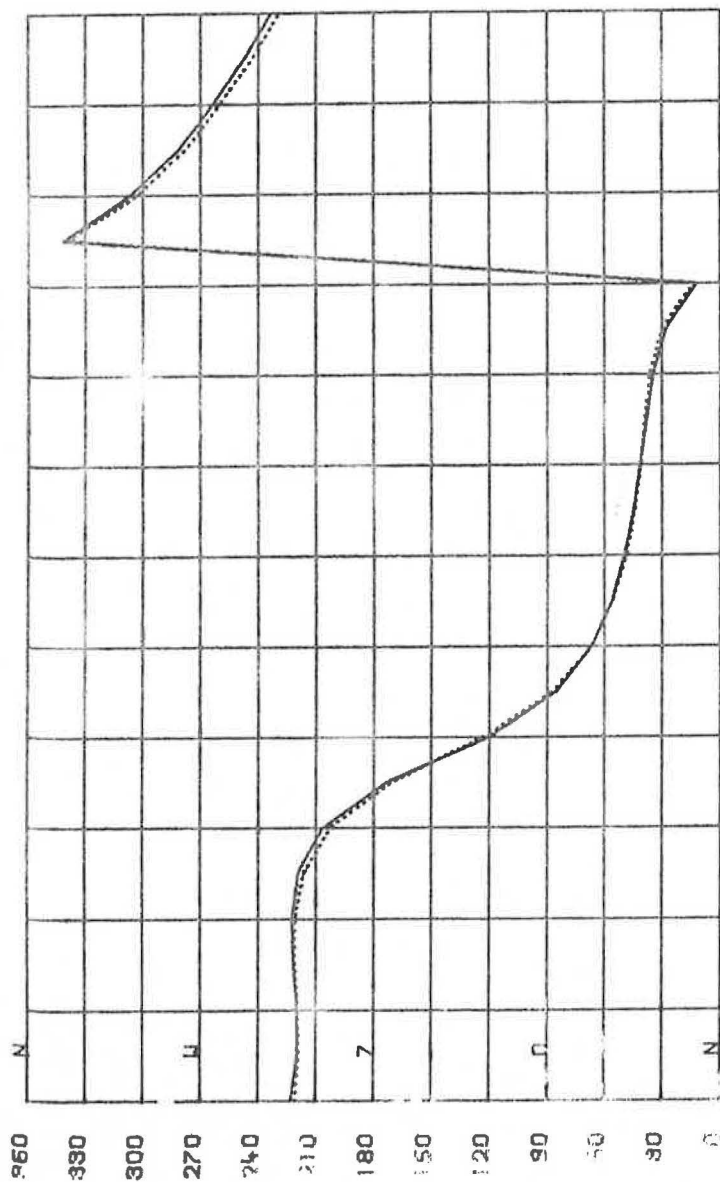
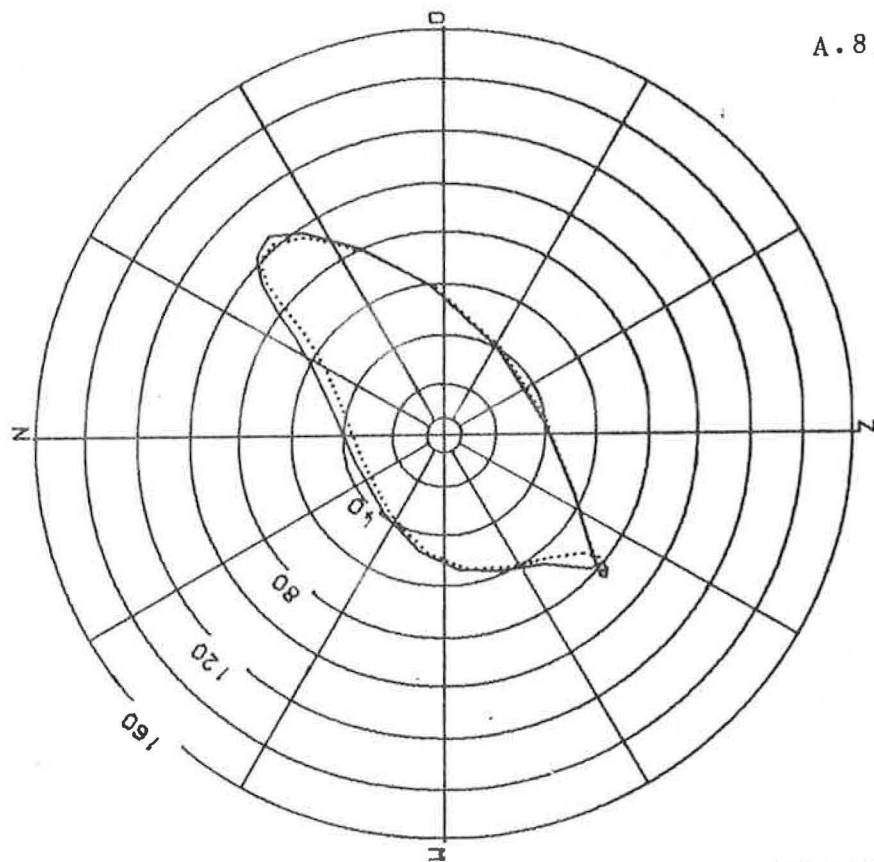


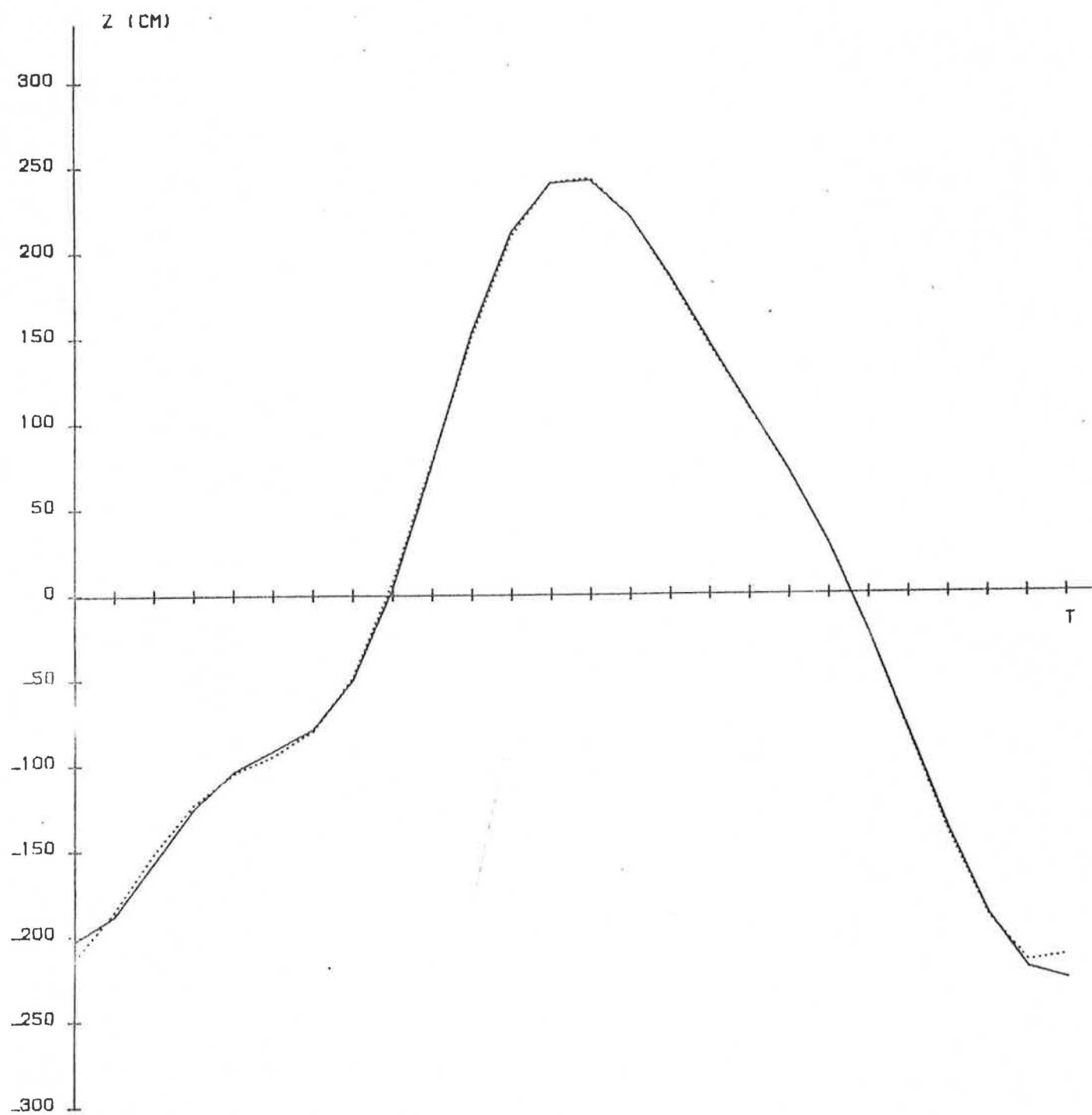
MEETPUNT : 3

MEETPUNT : 3  
 \*\*\*\*\*

| <u>TIJD</u> | <u>MCDEL 1 KM</u> |      | <u>MCDEL 500 M</u> |      |
|-------------|-------------------|------|--------------------|------|
|             | AM                | PHA  | AM                 | PHA  |
| -6          | 78.               | 223. | 71.                | 221. |
| -5          | 83.               | 220. | 83.                | 220. |
| -4          | 82.               | 223. | 79.                | 221. |
| -3          | 56.               | 206. | 53.                | 202. |
| -2          | 40.               | 119. | 41.                | 122. |
| -1          | 81.               | 66.  | 79.                | 67.  |
| 0           | 104.              | 49.  | 101.               | 48.  |
| 1           | 93.               | 41.  | 91.                | 41.  |
| 2           | 69.               | 34.  | 66.                | 36.  |
| 3           | 43.               | 11.  | 40.                | 13.  |
| 4           | 38.               | 306. | 38.                | 303. |
| 5           | 54.               | 263. | 54.                | 260. |
| 6           | 64.               | 232. | 64.                | 229. |

MEETPUNT : 3



MEETPUNT : 4

MEETPUNT : 4

\*\*\*\*\*

TIJD  
-----MCDEL 1 KM  
-----MCDEL 500 M  
-----

AM

PHA

AM

PHA

-6

46.

250.

44.

250.

-5

28.

239.

30.

243.

-4

29.

242.

28.

242.

-3

11.

203.

9.

183.

-2

65.

83.

67.

82.

-1

98.

77.

107.

77.

0

79.

73.

86.

72.

1

44.

67.

43.

63.

2

12.

31.

12.

14.

3

29.

271.

33.

268.

4

64.

261.

72.

261.

5

75.

260.

79.

260.

6

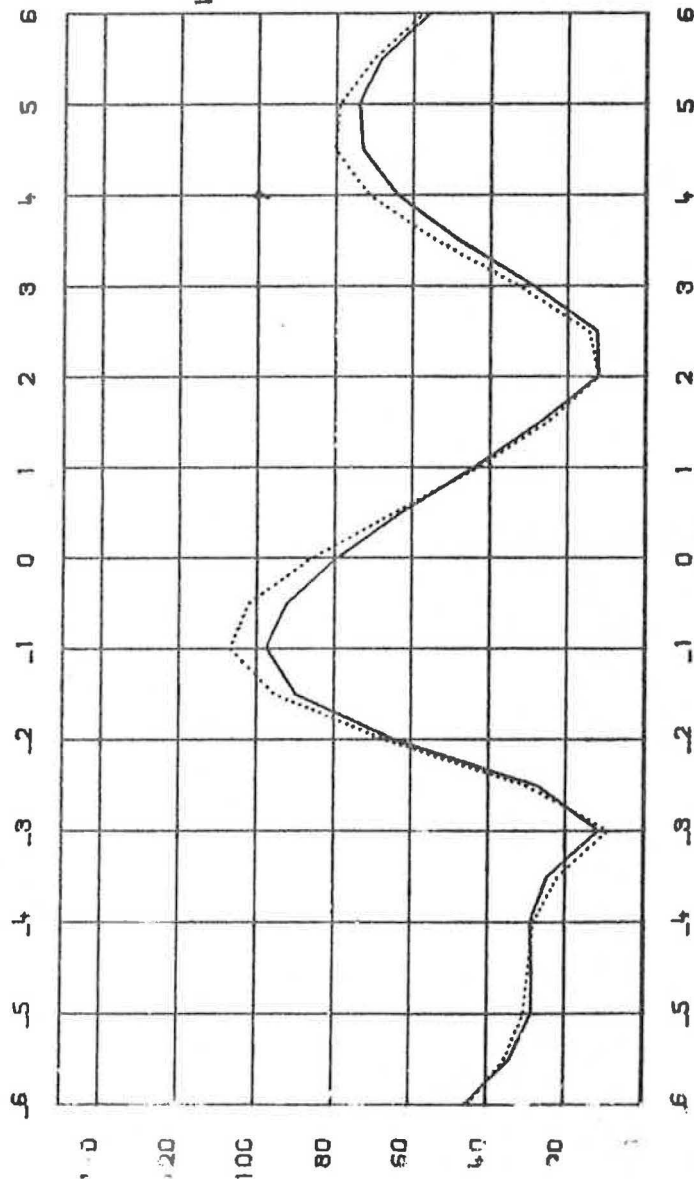
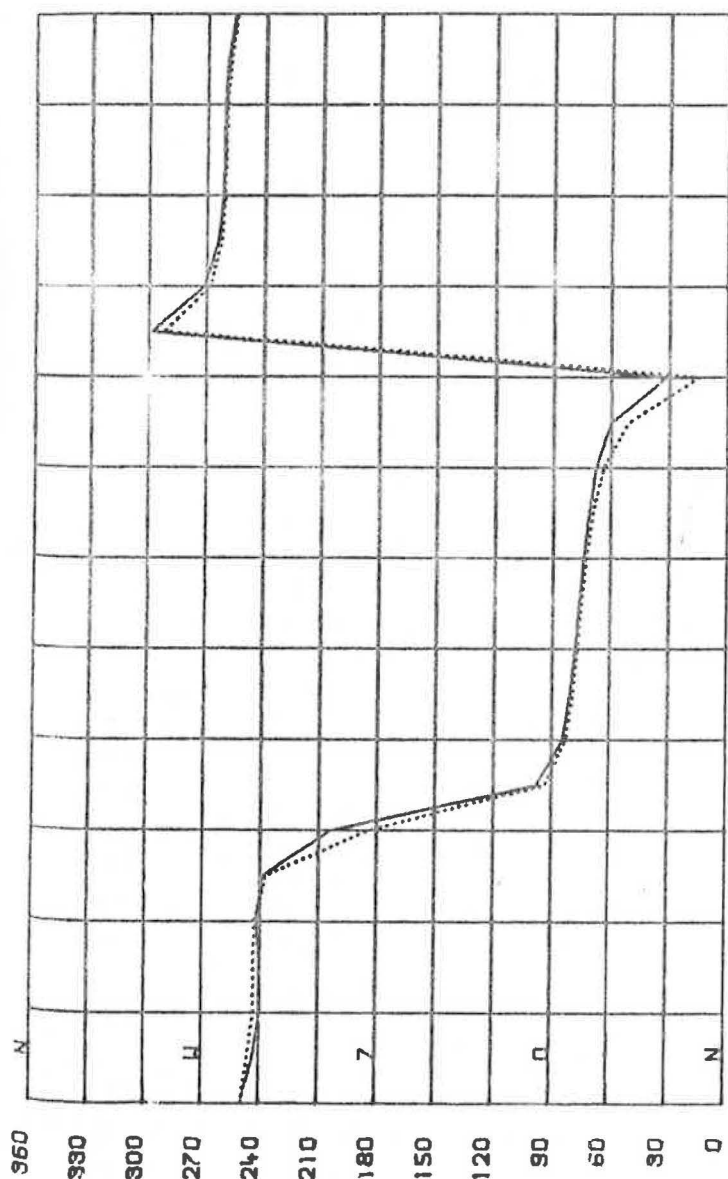
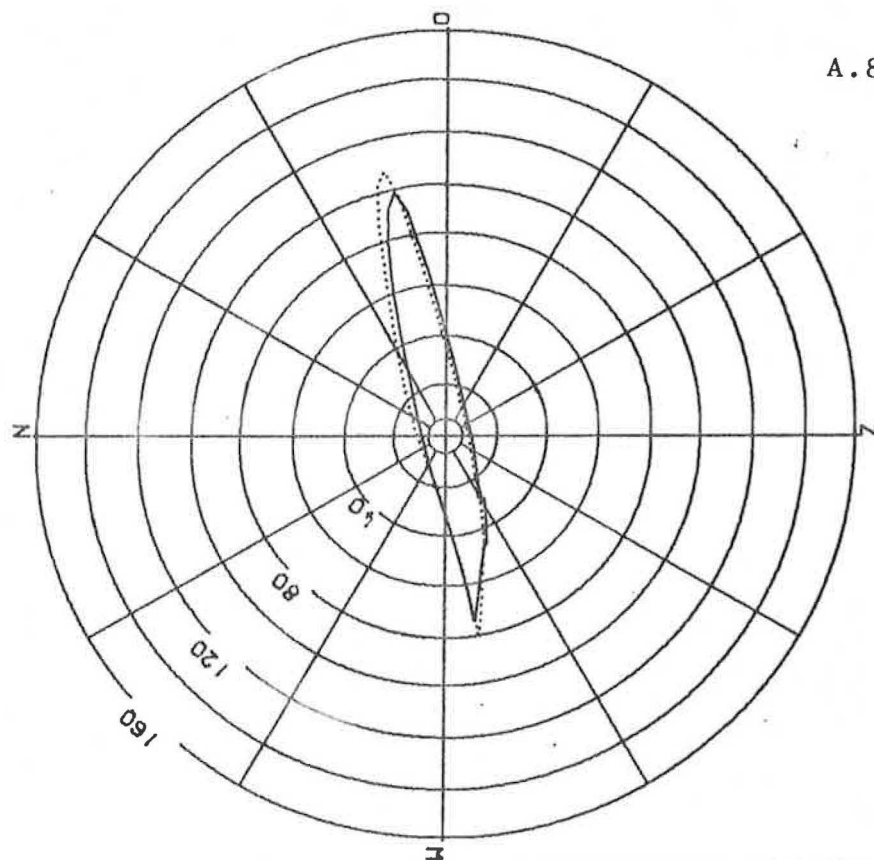
56.

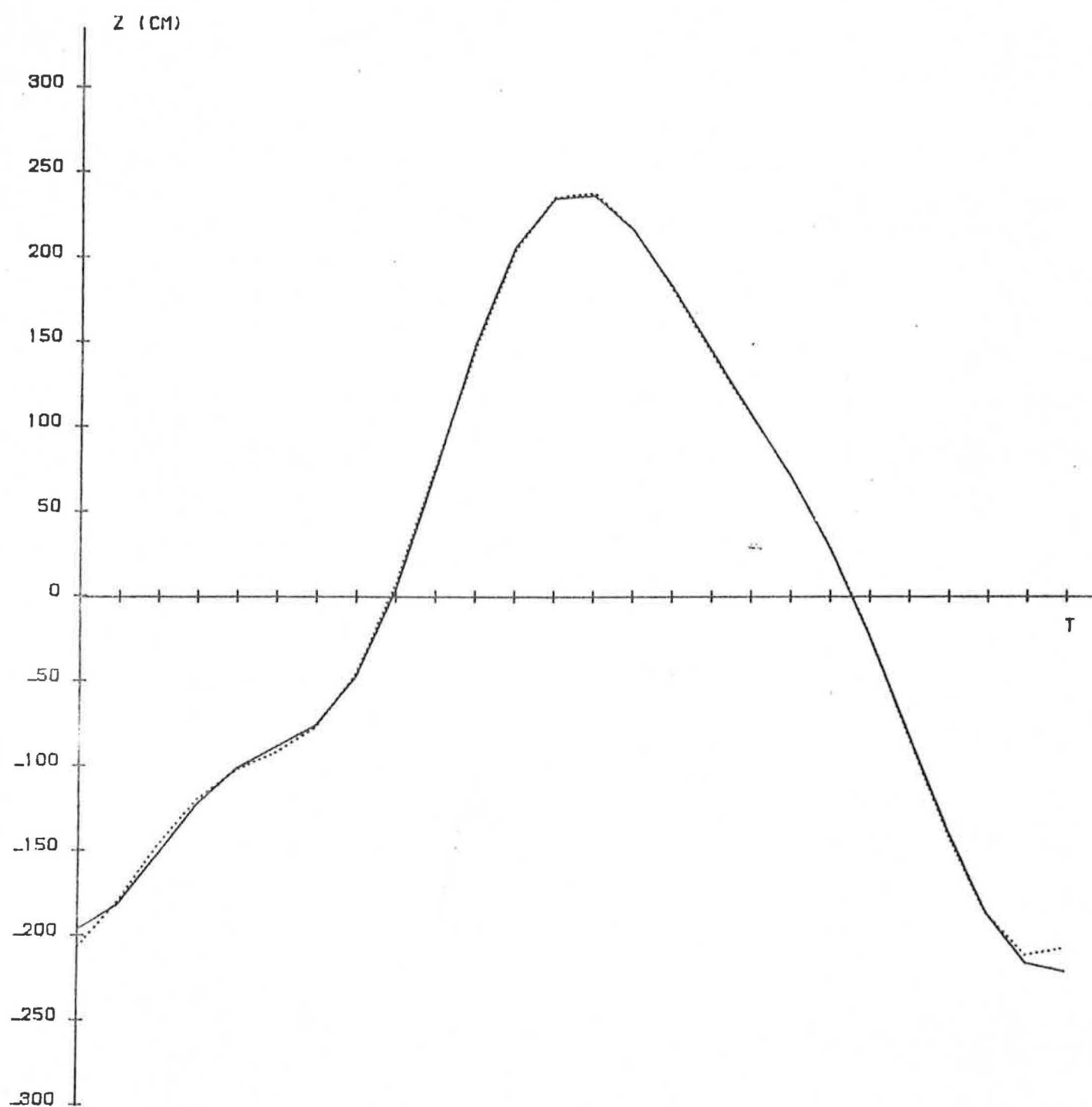
255.

57.

254.

MEETPUNT : 4



MEETPUNT : 5



MEETPUNT : 5  
 \*\*\*\*\*

TIJD

MODEL 1 KM

MODEL 500 M

AM

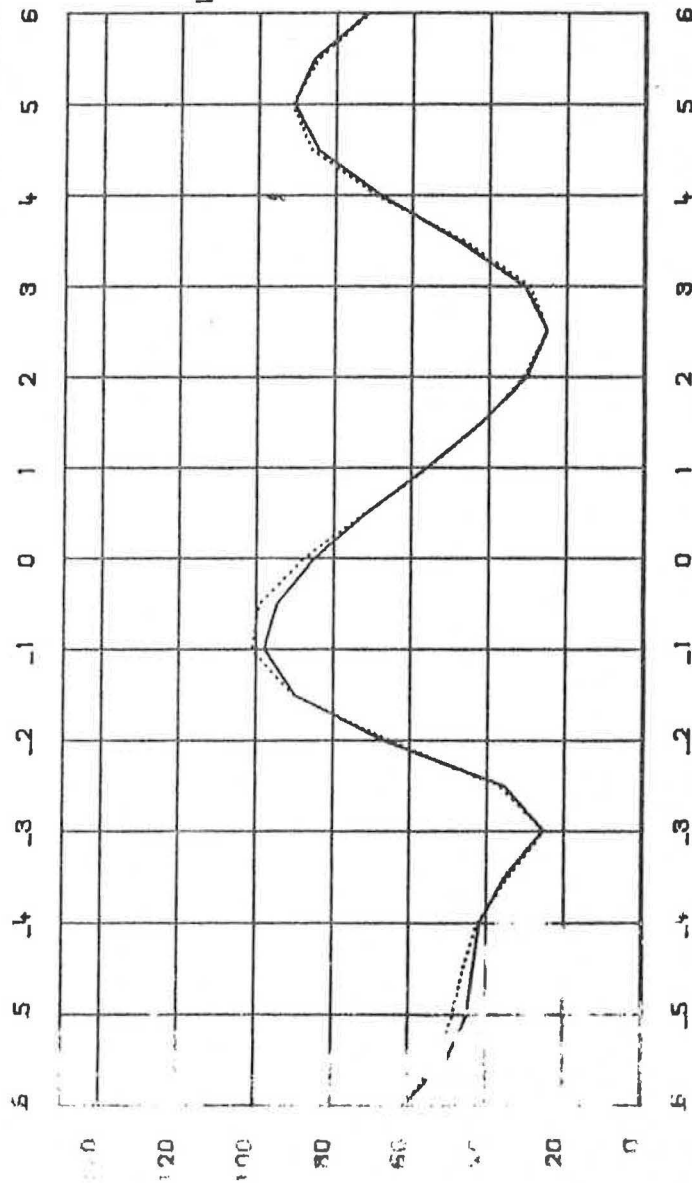
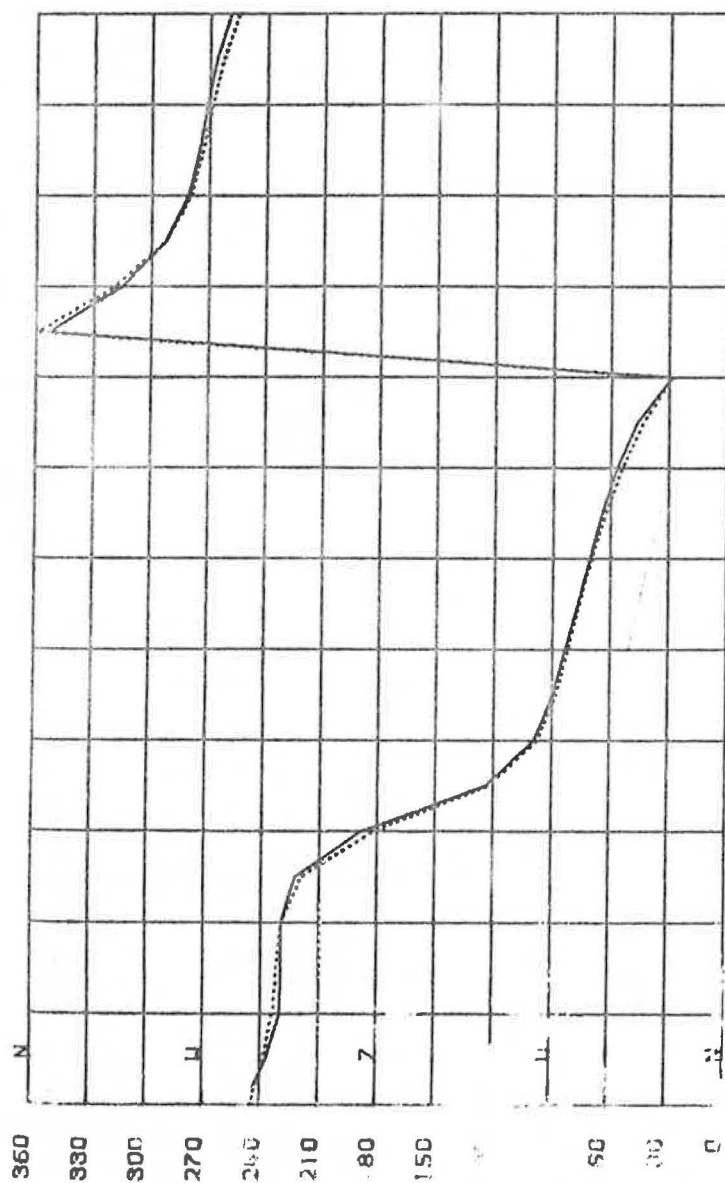
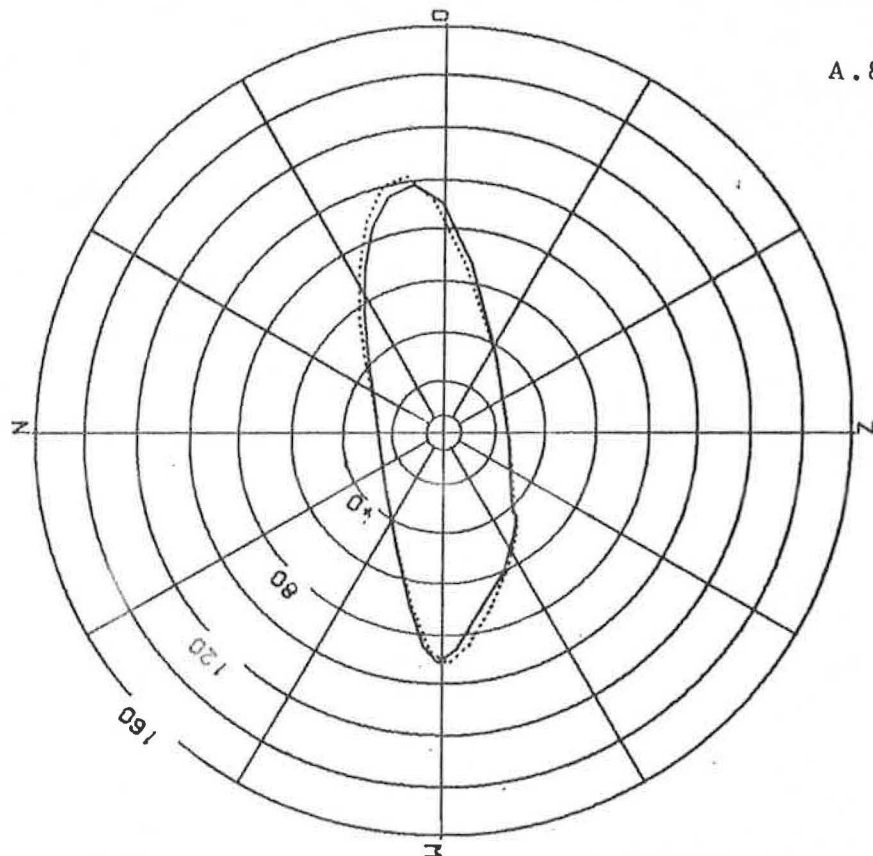
PHA

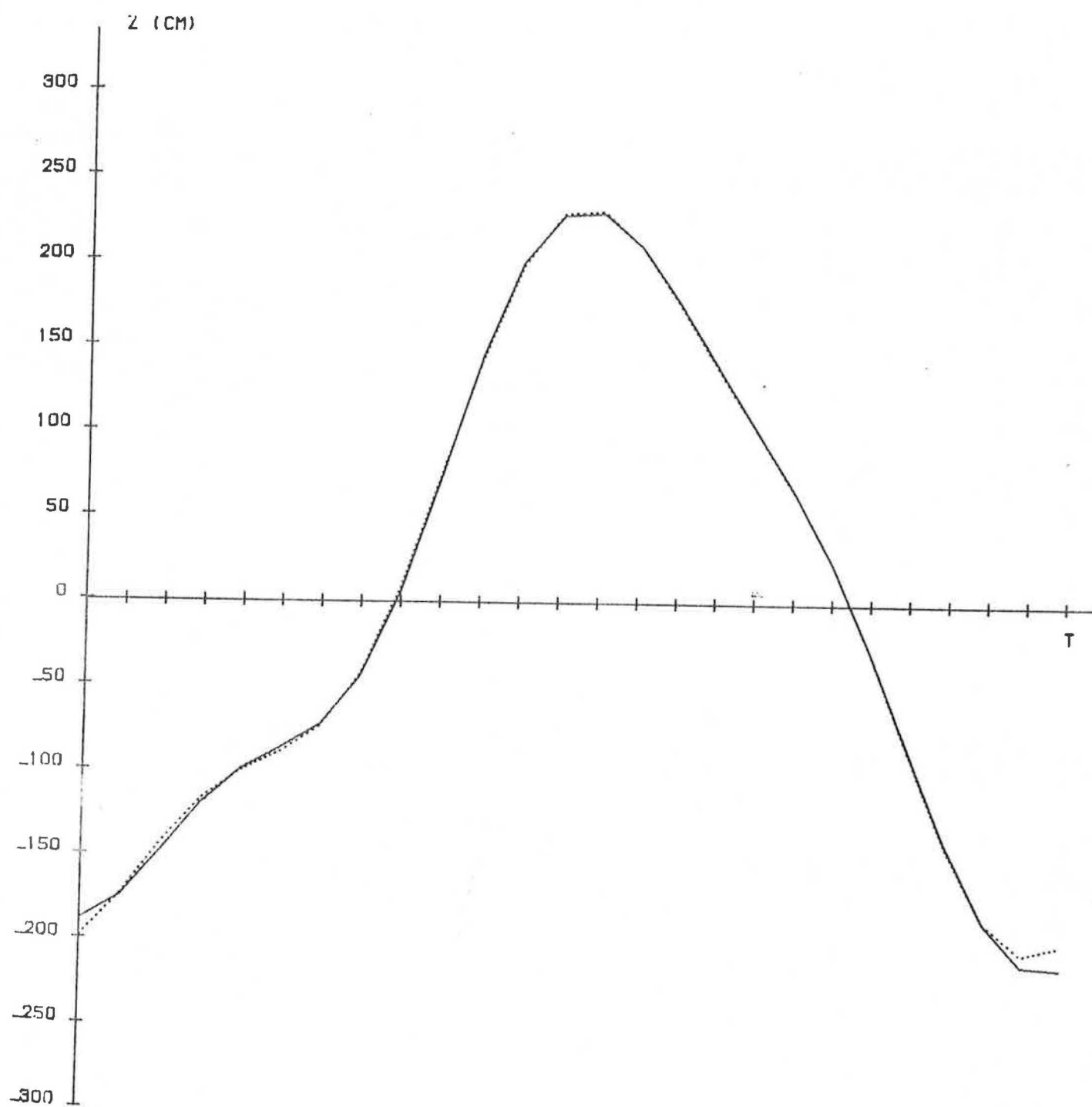
AM

PHA

|    |     |      |      |      |
|----|-----|------|------|------|
| -6 | 61. | 248. | 60.  | 245. |
| -5 | 44. | 230. | 48.  | 233. |
| -4 | 41. | 229. | 42.  | 229. |
| -3 | 25. | 188. | 25.  | 181. |
| -2 | 67. | 98.  | 66.  | 97.  |
| -1 | 98. | 82.  | 101. | 81.  |
| 0  | 85. | 70.  | 88.  | 69.  |
| 1  | 56. | 56.  | 56.  | 54.  |
| 2  | 30. | 27.  | 31.  | 28.  |
| 3  | 31. | 315. | 29.  | 319. |
| 4  | 69. | 280. | 70.  | 279. |
| 5  | 91. | 271. | 92.  | 268. |
| 6  | 72. | 258. | 72.  | 254. |

MEETPUNT : 5

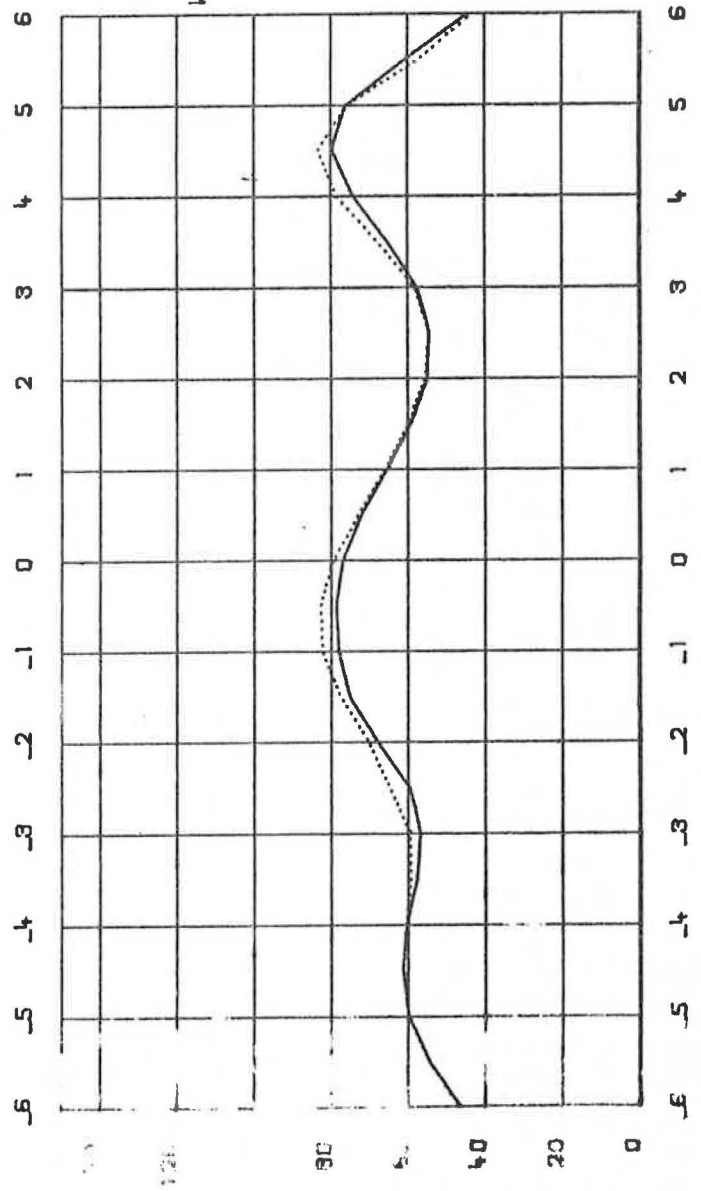
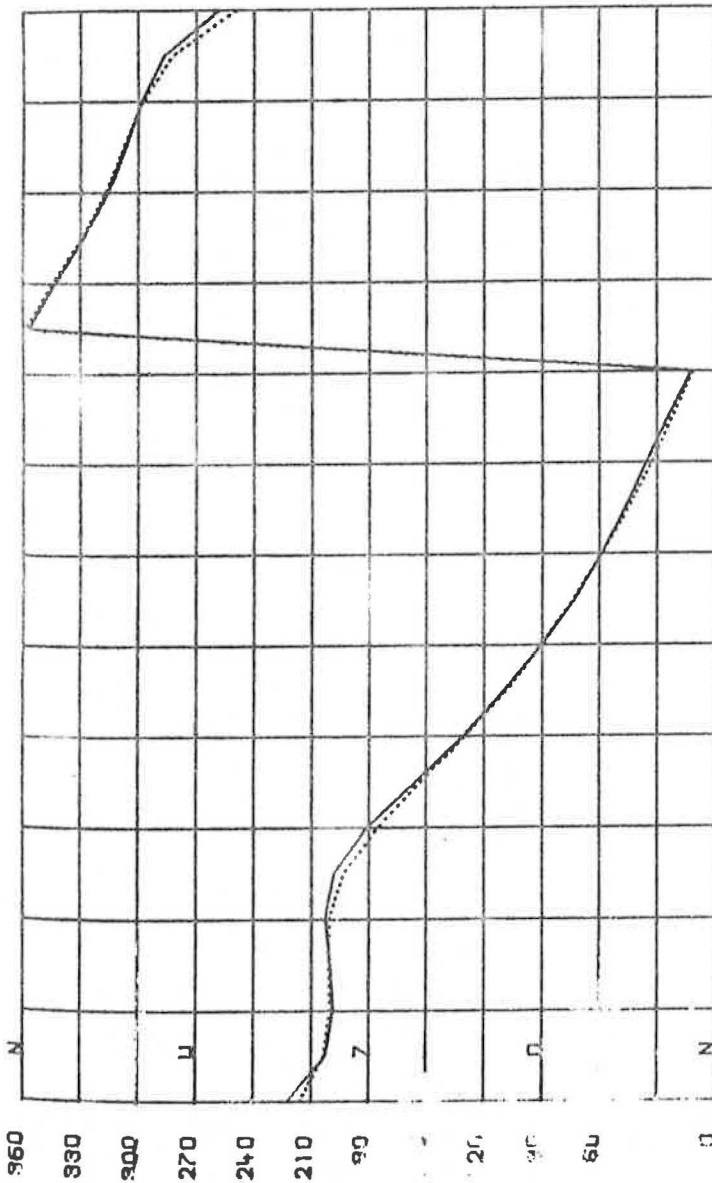
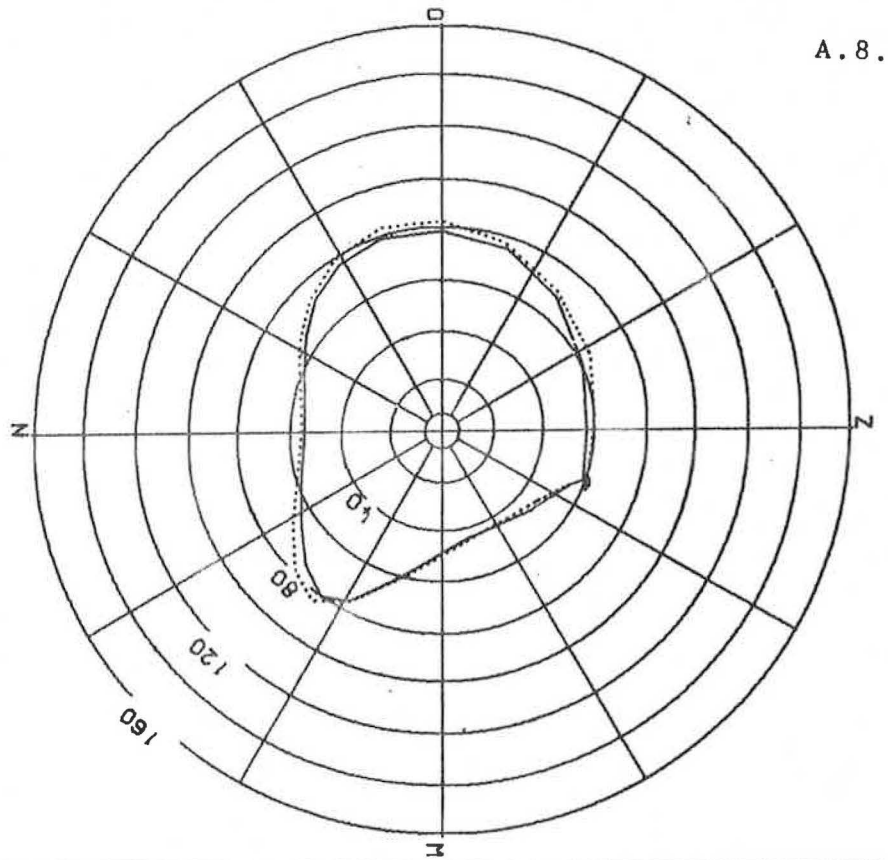


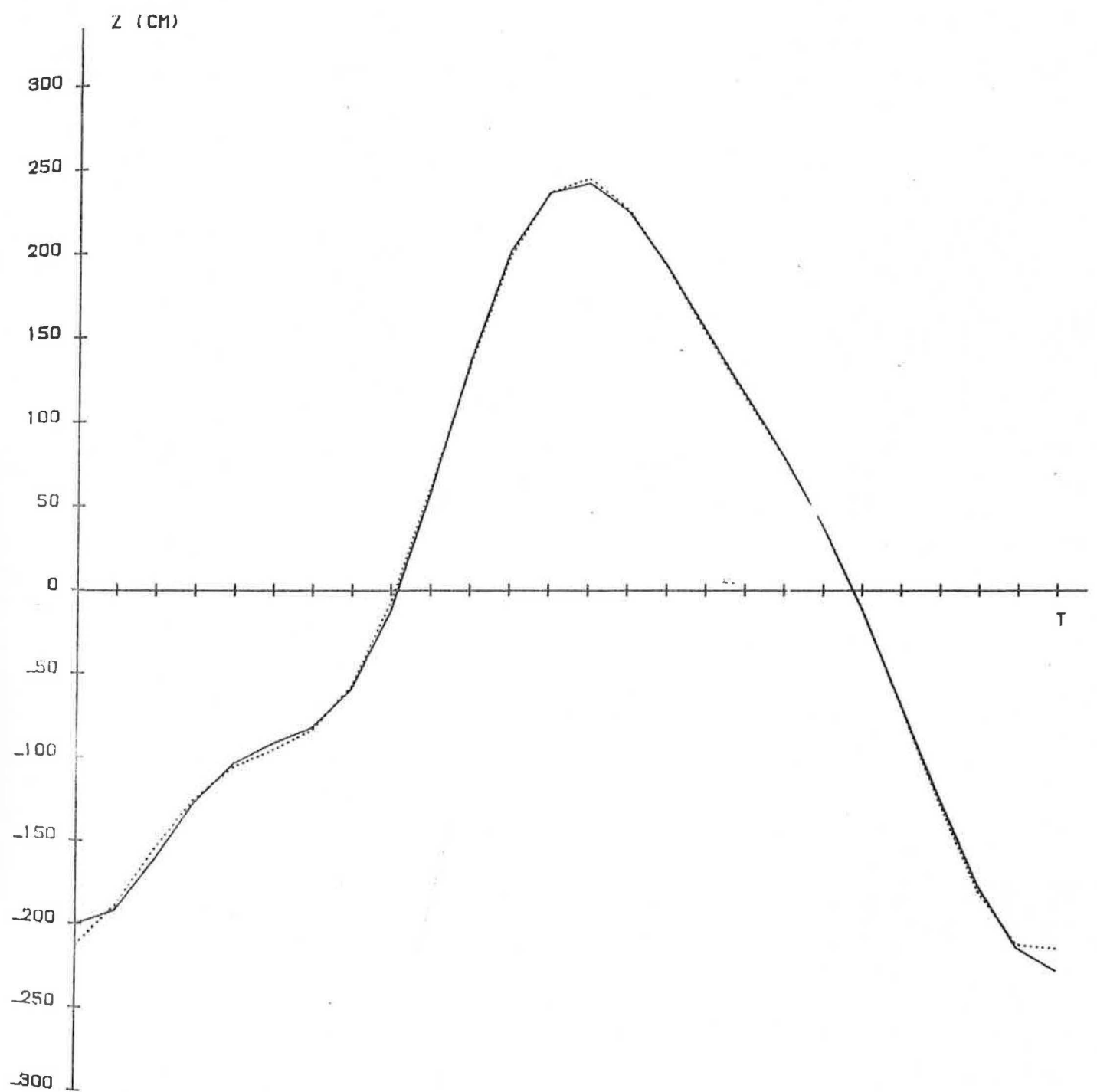
MEETPUNT : 6

MEETPUNT : 6  
 \*\*\*\*\*

| TIJD<br>----- | MCDEL 1 KM<br>----- |      | MCDEL 500 M<br>----- |      |
|---------------|---------------------|------|----------------------|------|
|               | AM                  | PHA  | AM                   | PHA  |
| -6            | 47.                 | 223. | 47.                  | 216. |
| -5            | 60.                 | 198. | 60.                  | 200. |
| -4            | 60.                 | 203. | 60.                  | 201. |
| -3            | 57.                 | 180. | 60.                  | 175. |
| -2            | 68.                 | 130. | 70.                  | 130. |
| -1            | 79.                 | 90.  | 83.                  | 90.  |
| 0             | 77.                 | 58.  | 79.                  | 58.  |
| 1             | 65.                 | 35.  | 66.                  | 32.  |
| 2             | 55.                 | 11.  | 55.                  | 11.  |
| 3             | 58.                 | 343. | 58.                  | 344. |
| 4             | 75.                 | 315. | 79.                  | 316. |
| 5             | 76.                 | 298. | 76.                  | 298. |
| 6             | 44.                 | 257. | 43.                  | 249. |

MEETPUNT : 6

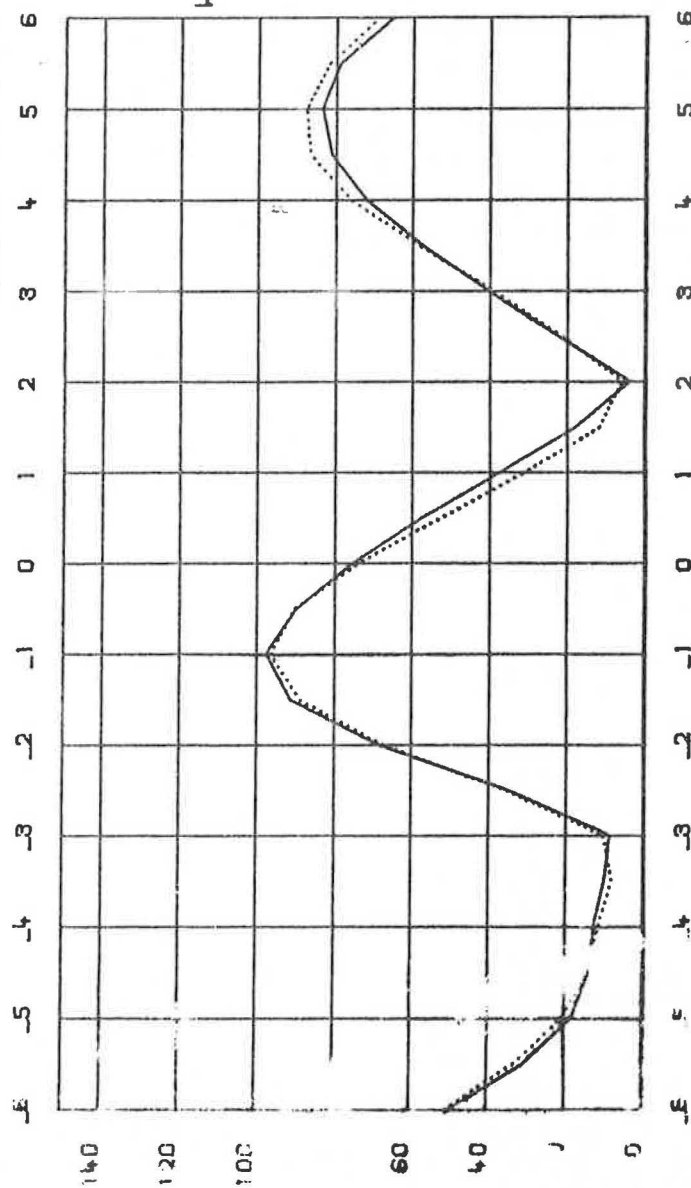
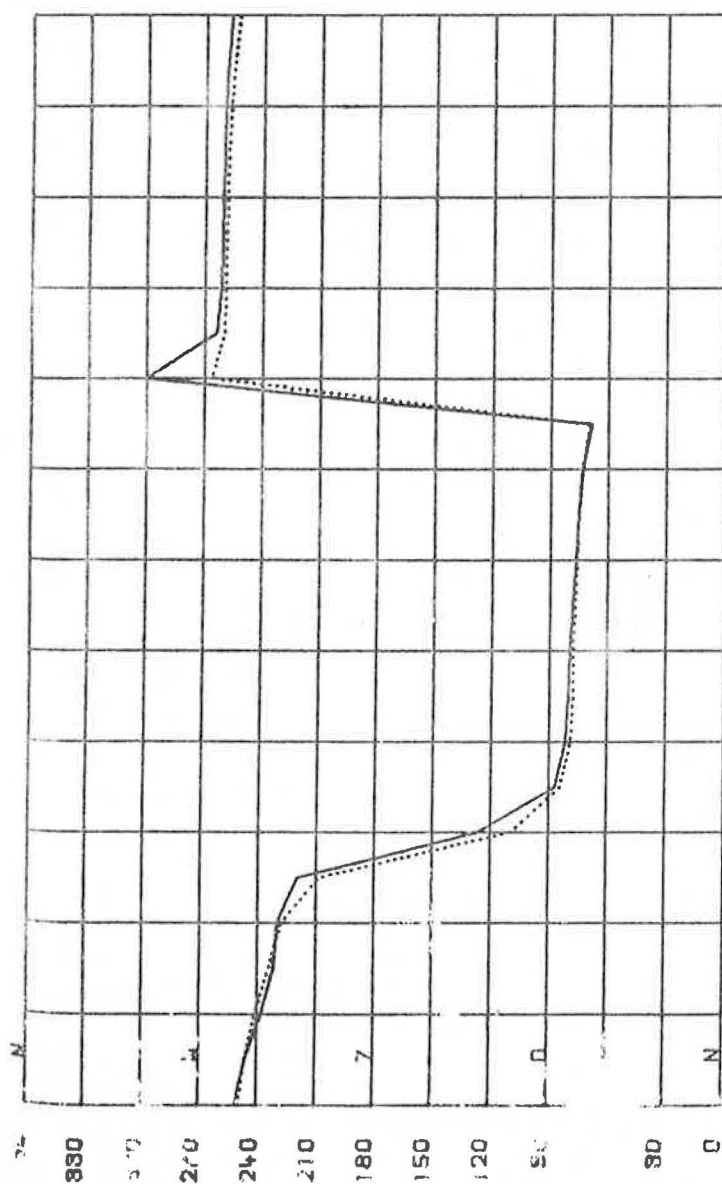
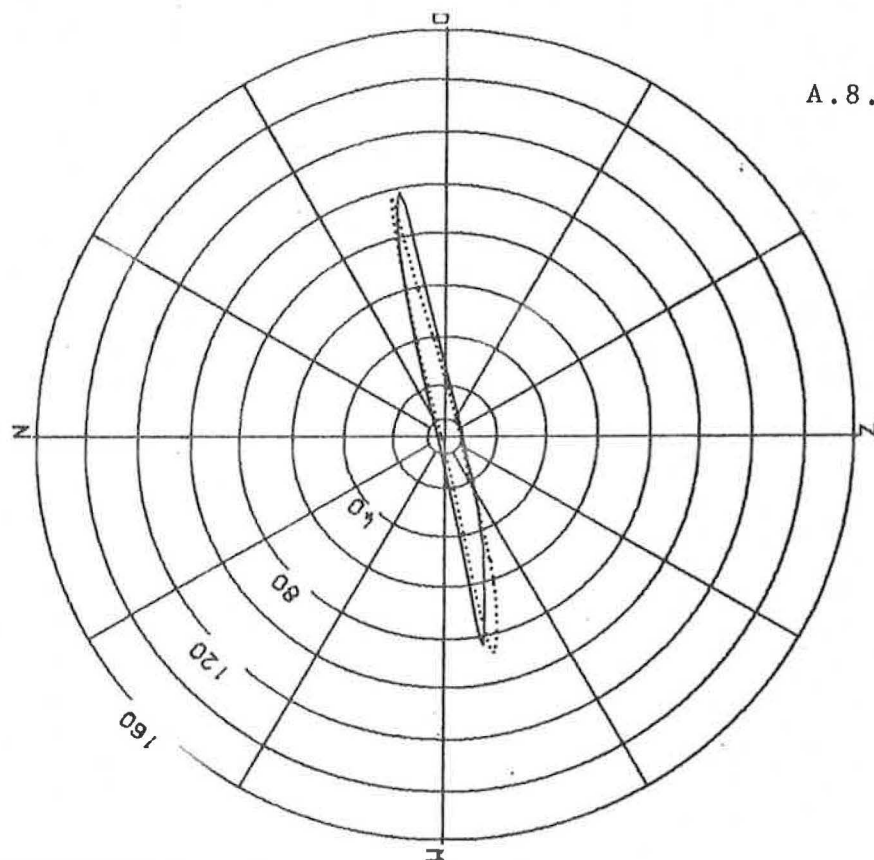


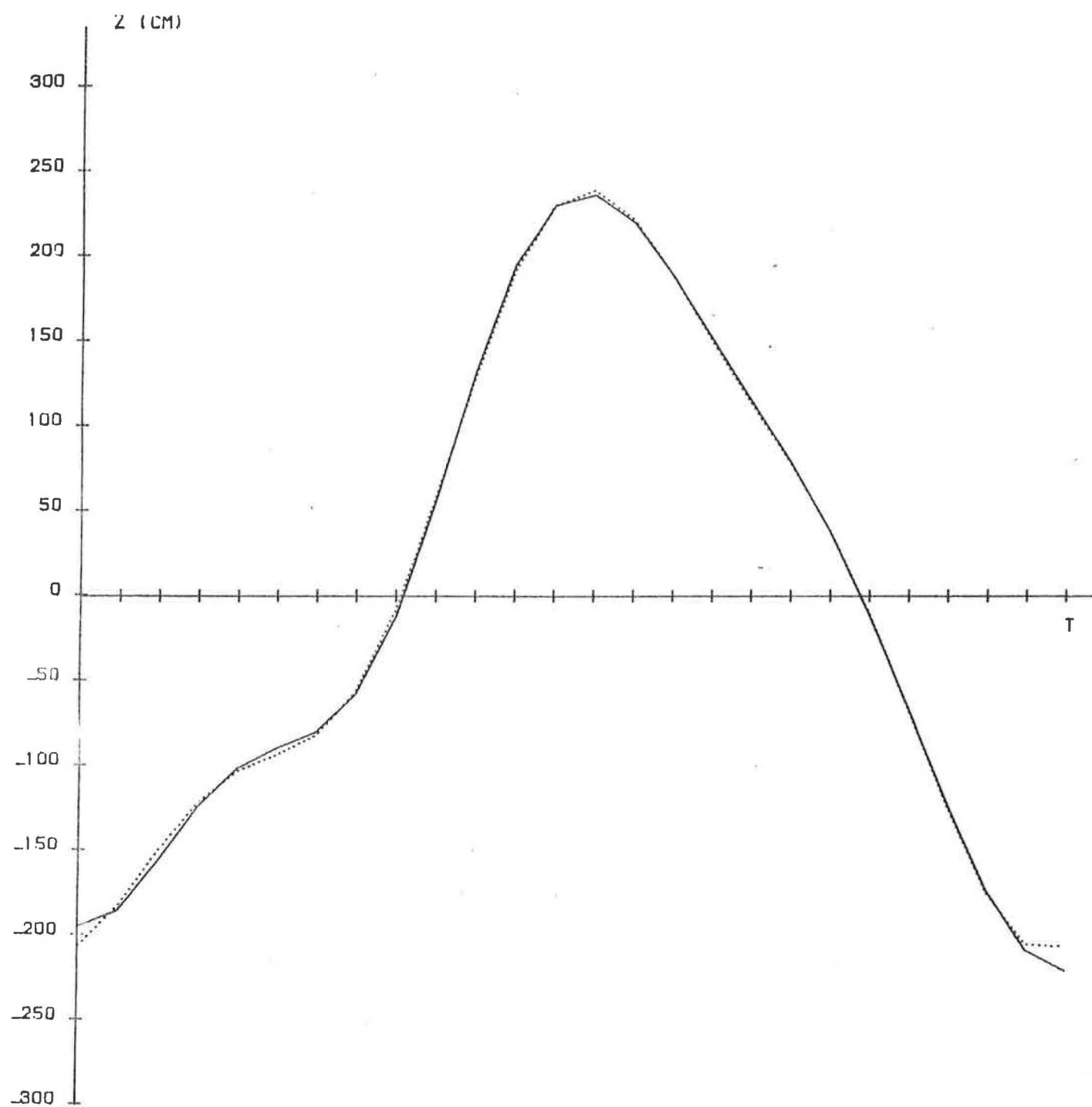
MEETPUNT : 7





MEETPUNT : 7

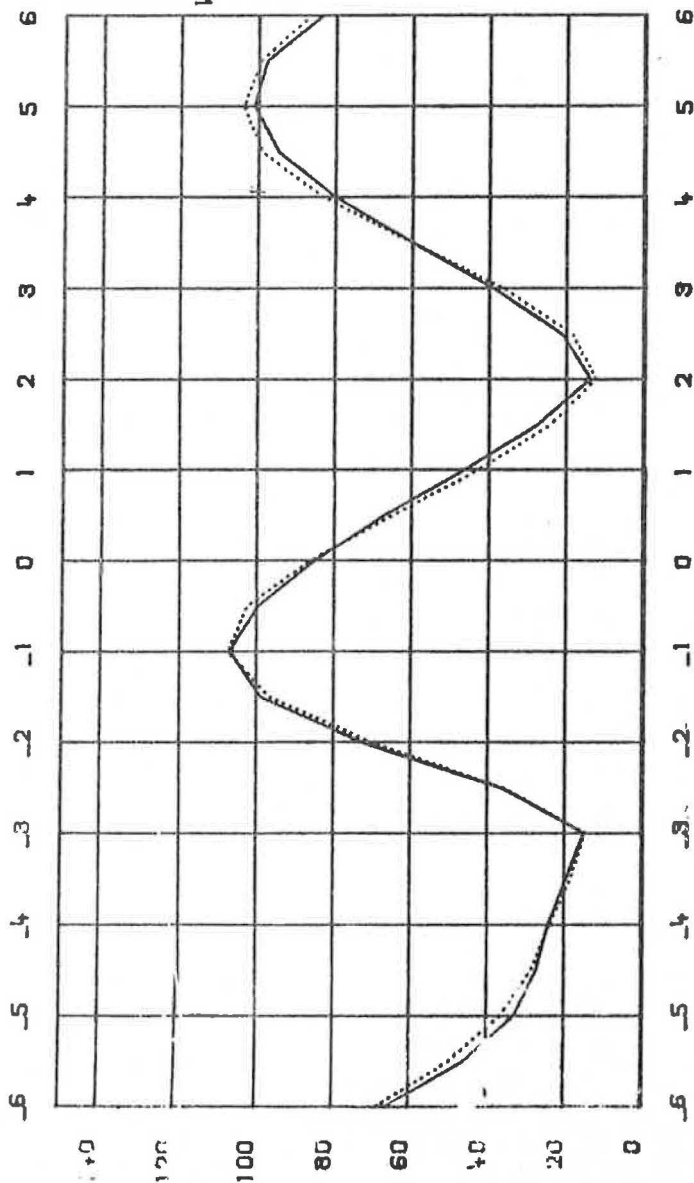
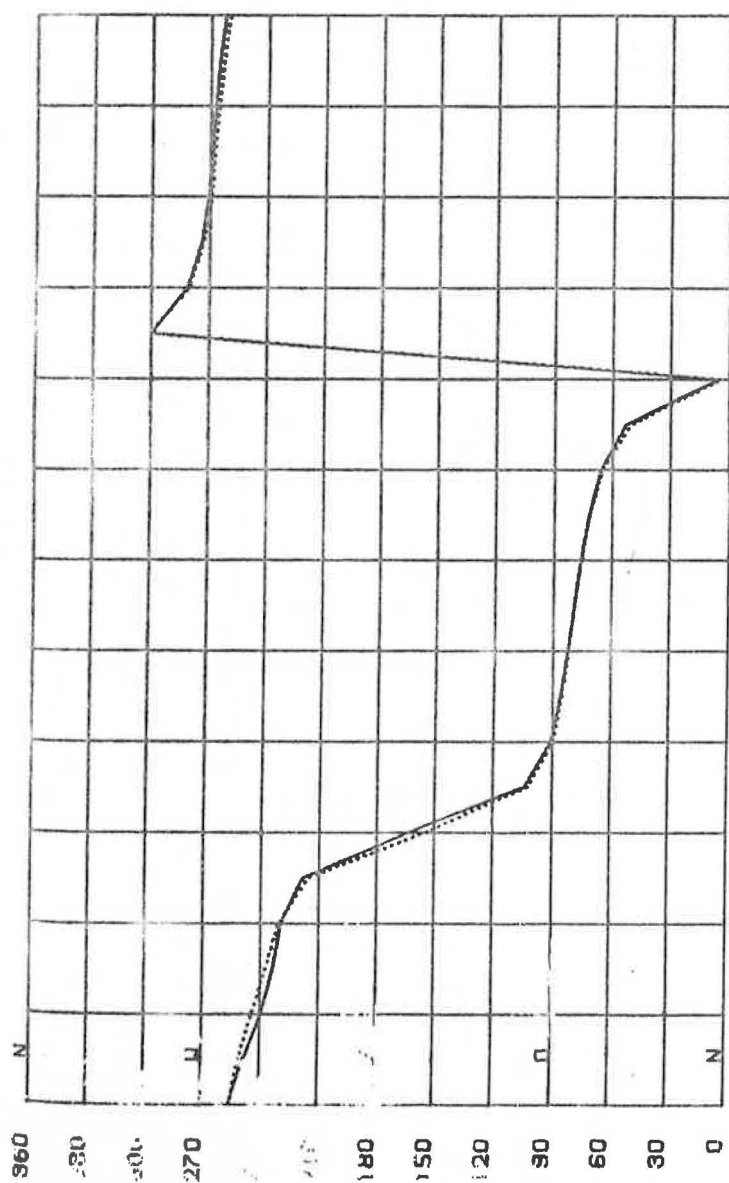
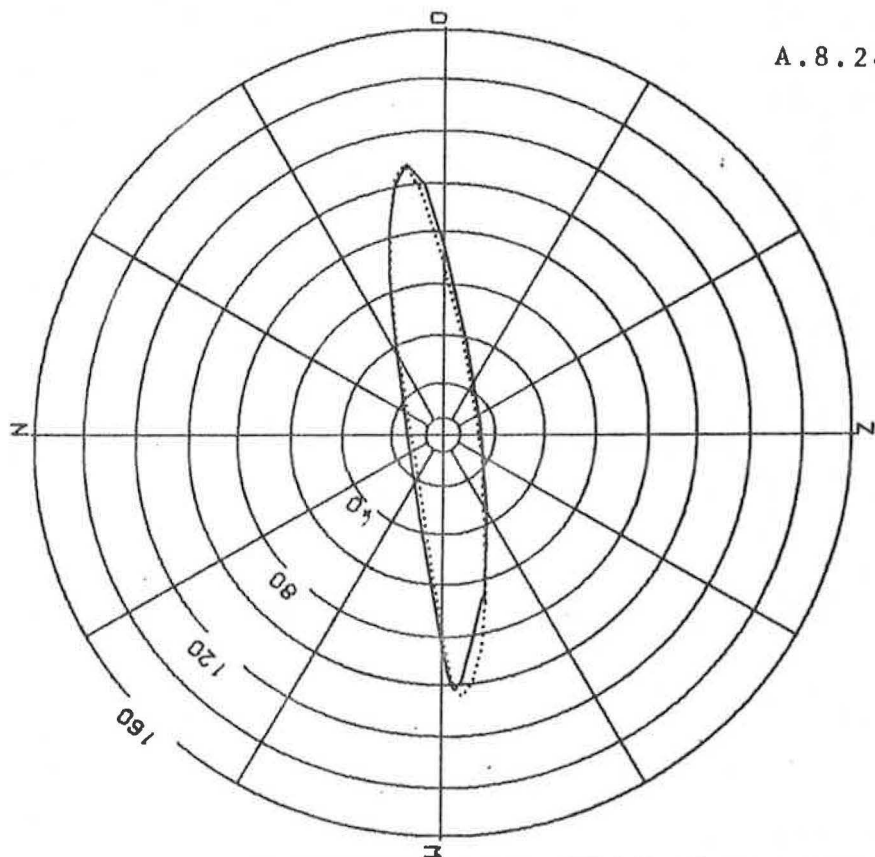


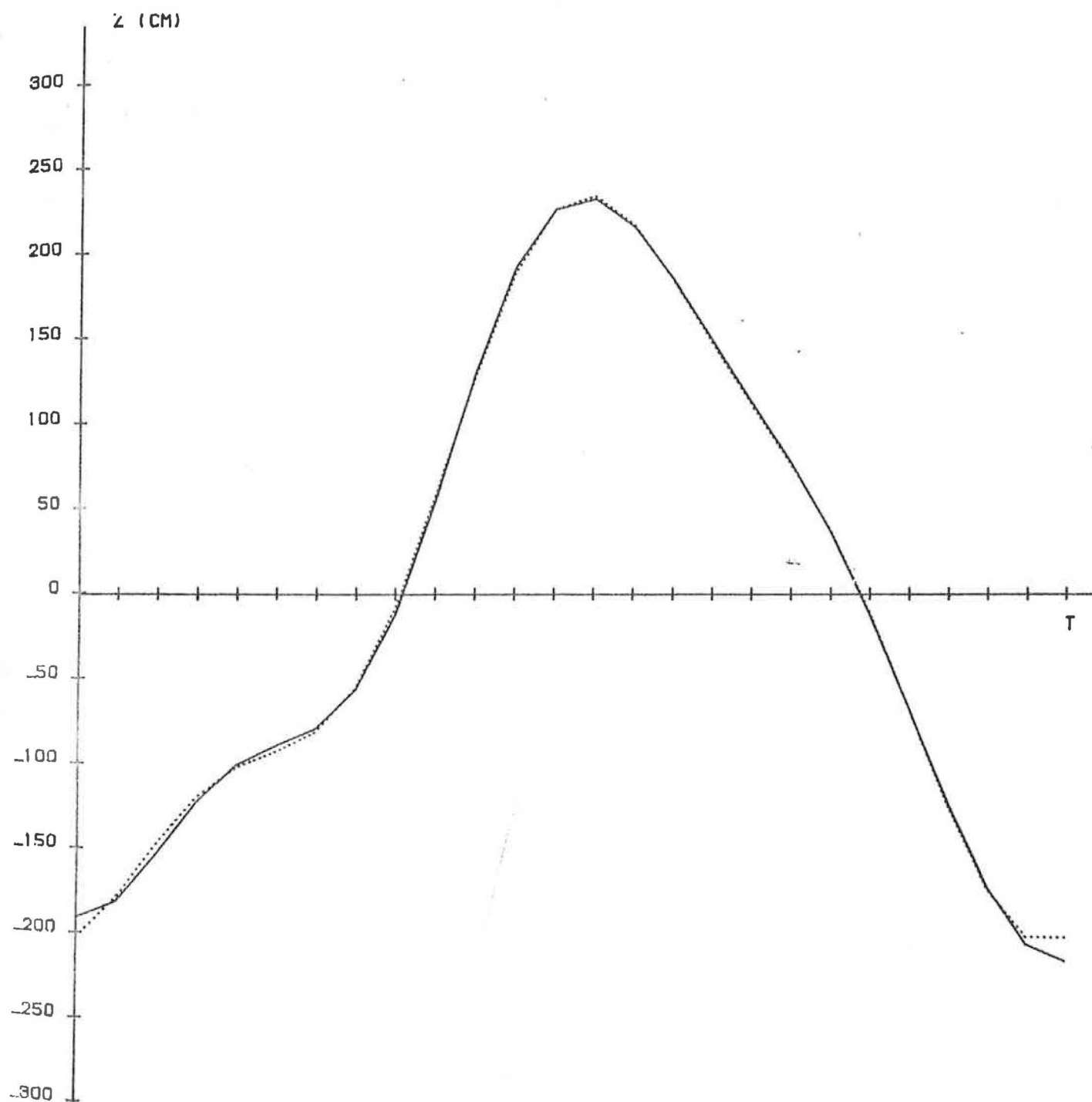
MEETPUNT : 8

MEETPUNT : 8  
 \*\*\*\*\*

| TIJD<br>----- | MODEL 1 KM<br>----- |      | MODEL 500 M<br>----- |      |
|---------------|---------------------|------|----------------------|------|
|               | AM                  | PHA  | AM                   | PHA  |
| -6            | 66.                 | 256. | 68.                  | 256. |
| -5            | 32.                 | 239. | 36.                  | 244. |
| -4            | 24.                 | 229. | 24.                  | 230. |
| -3            | 15.                 | 163. | 15.                  | 154. |
| -2            | 73.                 | 90.  | 71.                  | 89.  |
| -1            | 107.                | 82.  | 108.                 | 82.  |
| 0             | 85.                 | 75.  | 86.                  | 76.  |
| 1             | 46.                 | 66.  | 43.                  | 65.  |
| 2             | 14.                 | 5.   | 12.                  | 4.   |
| 3             | 39.                 | 281. | 37.                  | 280. |
| 4             | 80.                 | 270. | 84.                  | 269. |
| 5             | 101.                | 267. | 104.                 | 266. |
| 6             | 83.                 | 262. | 87.                  | 260. |

MEETPUNT : 8



MEETPUNT : 9

MEETPUNT : 9  
 \*\*\*\*\*

TIJD  
 -----

MODEL 1 KM  
 -----

MODEL 500 M  
 -----

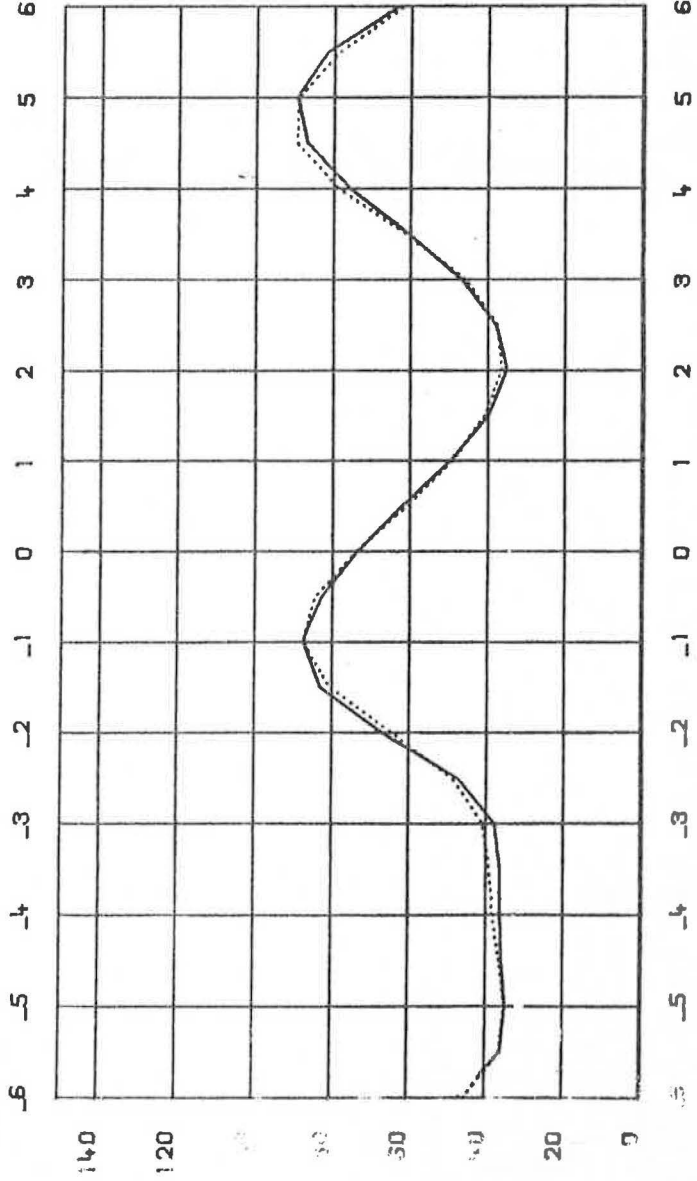
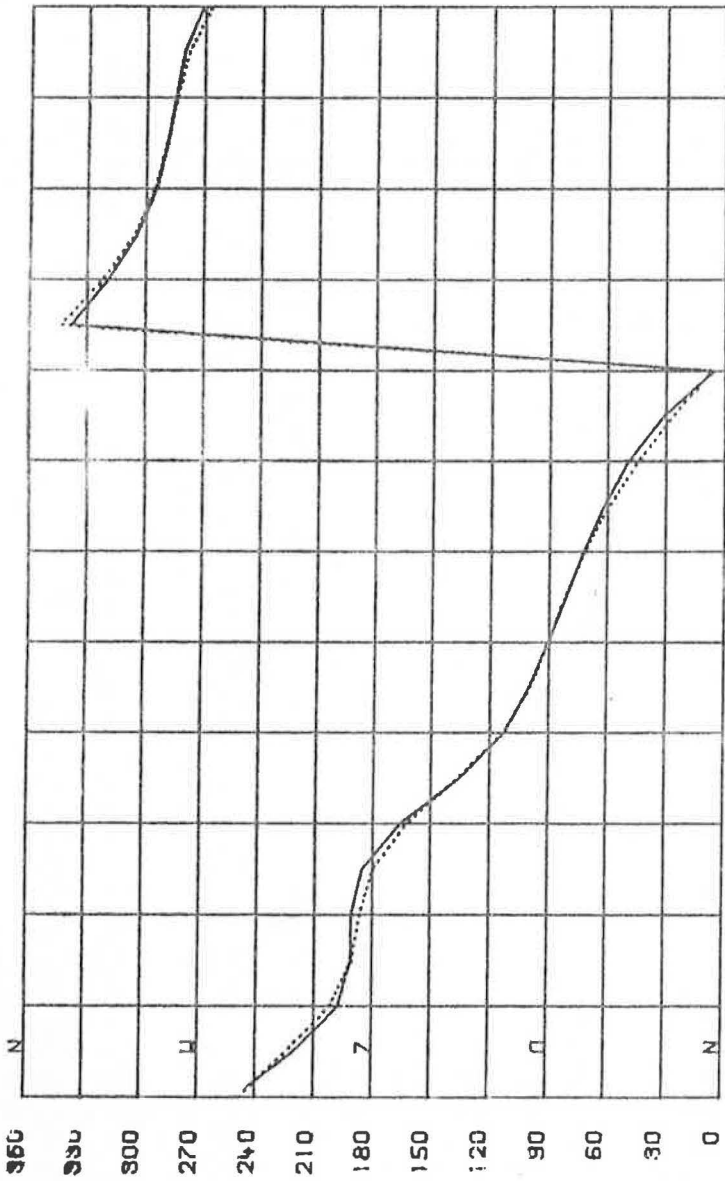
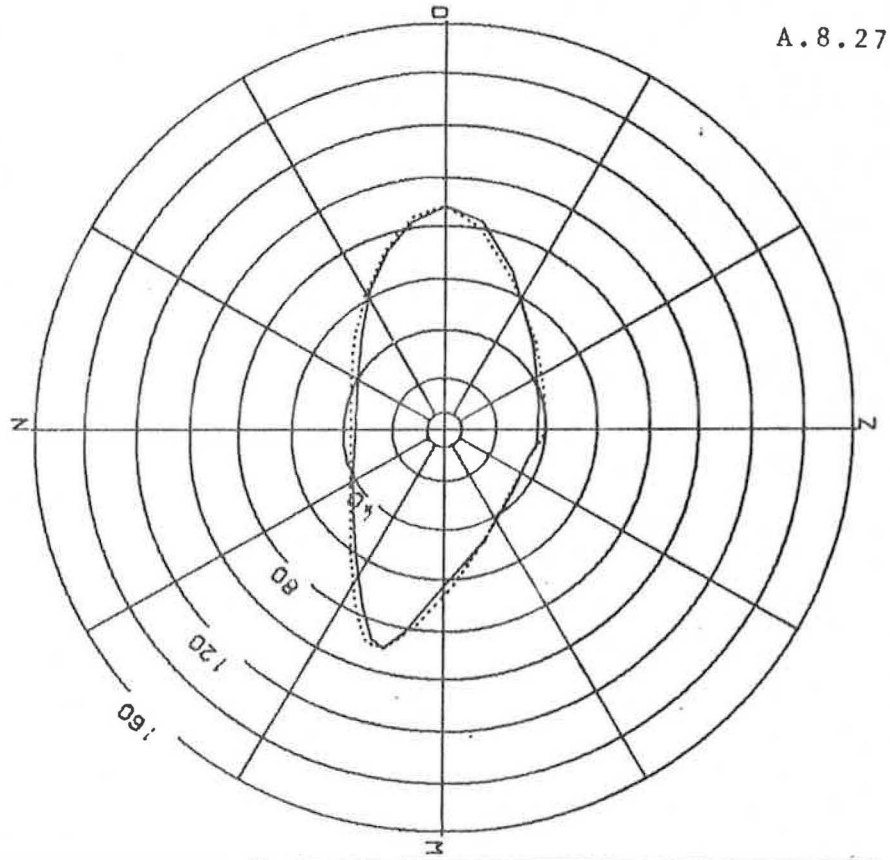
AM PHA

AM PHA

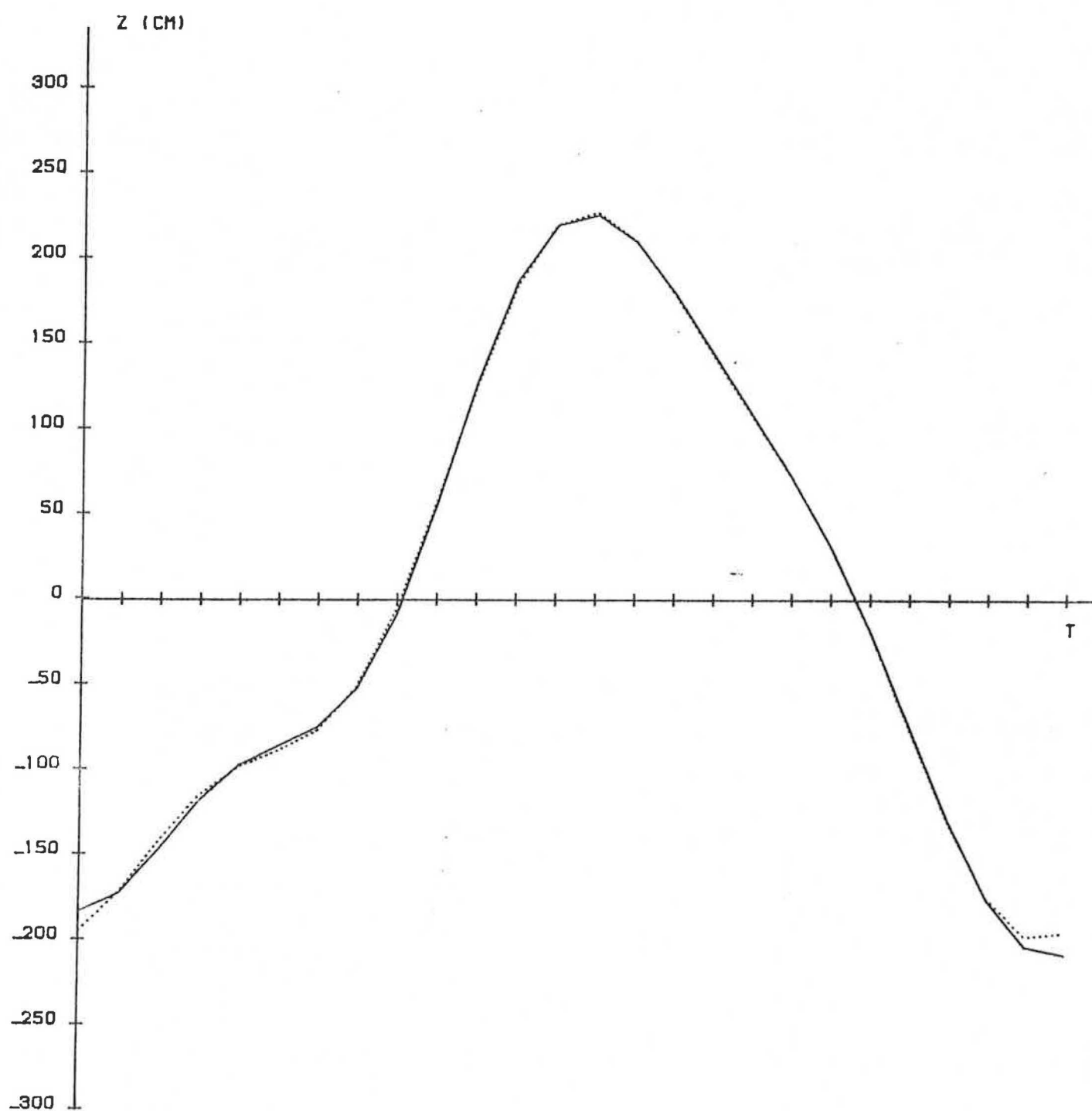
|    |     |      |
|----|-----|------|
| -6 | 47. | 251. |
| -5 | 35. | 197. |
| -4 | 37. | 190. |
| -3 | 38. | 165. |
| -2 | 68. | 112. |
| -1 | 88. | 90.  |
| 0  | 73. | 72.  |
| 1  | 49. | 49.  |
| 2  | 35. | 5.   |
| 3  | 47. | 318. |
| 4  | 76. | 294. |
| 5  | 90. | 285. |
| 6  | 63. | 270. |

|     |      |
|-----|------|
| 46. | 248. |
| 35. | 201. |
| 38. | 186. |
| 41. | 162. |
| 65. | 113. |
| 88. | 90.  |
| 74. | 71.  |
| 49. | 44.  |
| 36. | 6.   |
| 46. | 322. |
| 79. | 295. |
| 89. | 284. |
| 62. | 266. |

MEETPUNT : 9



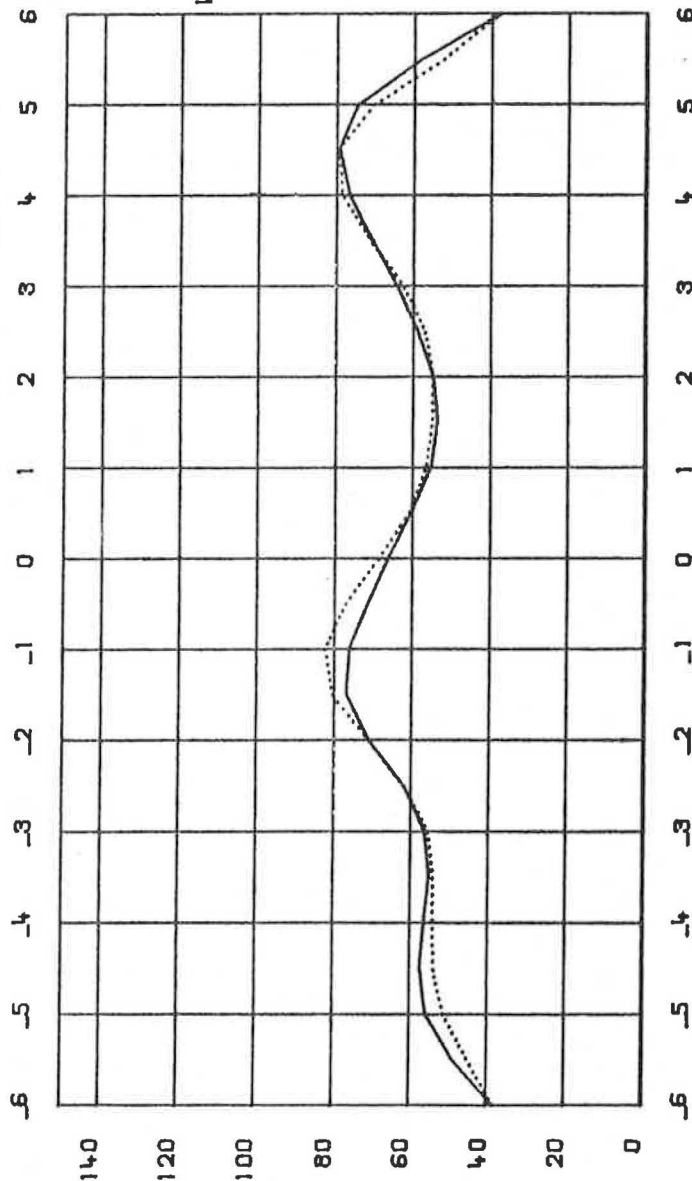
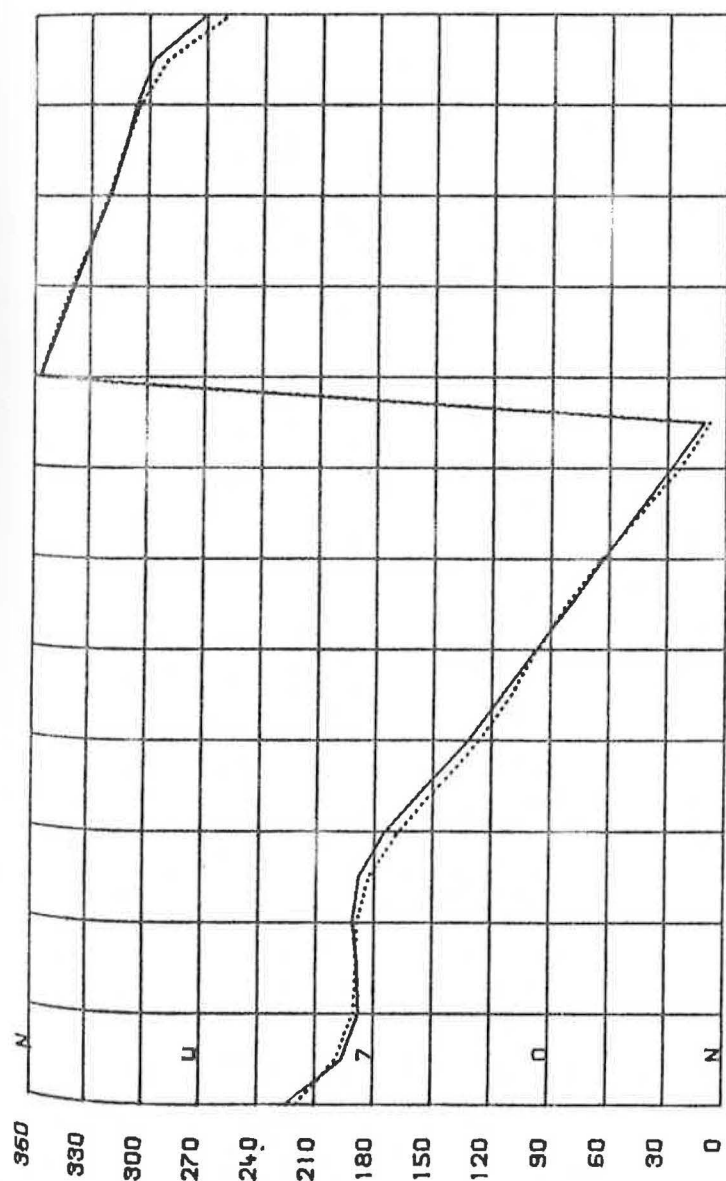
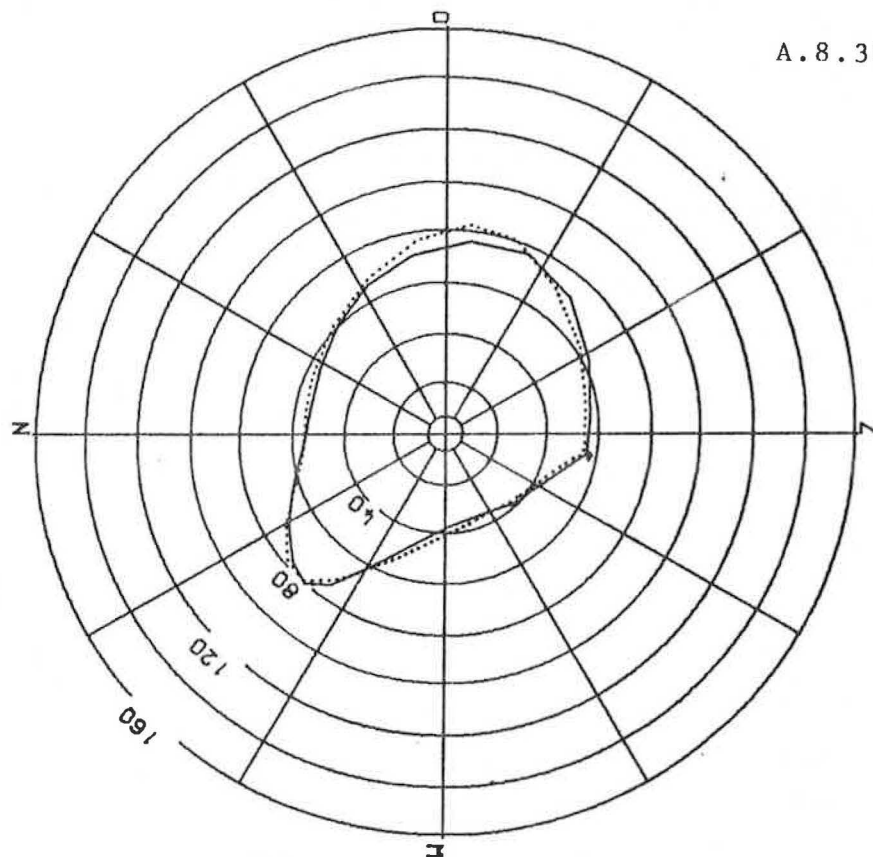


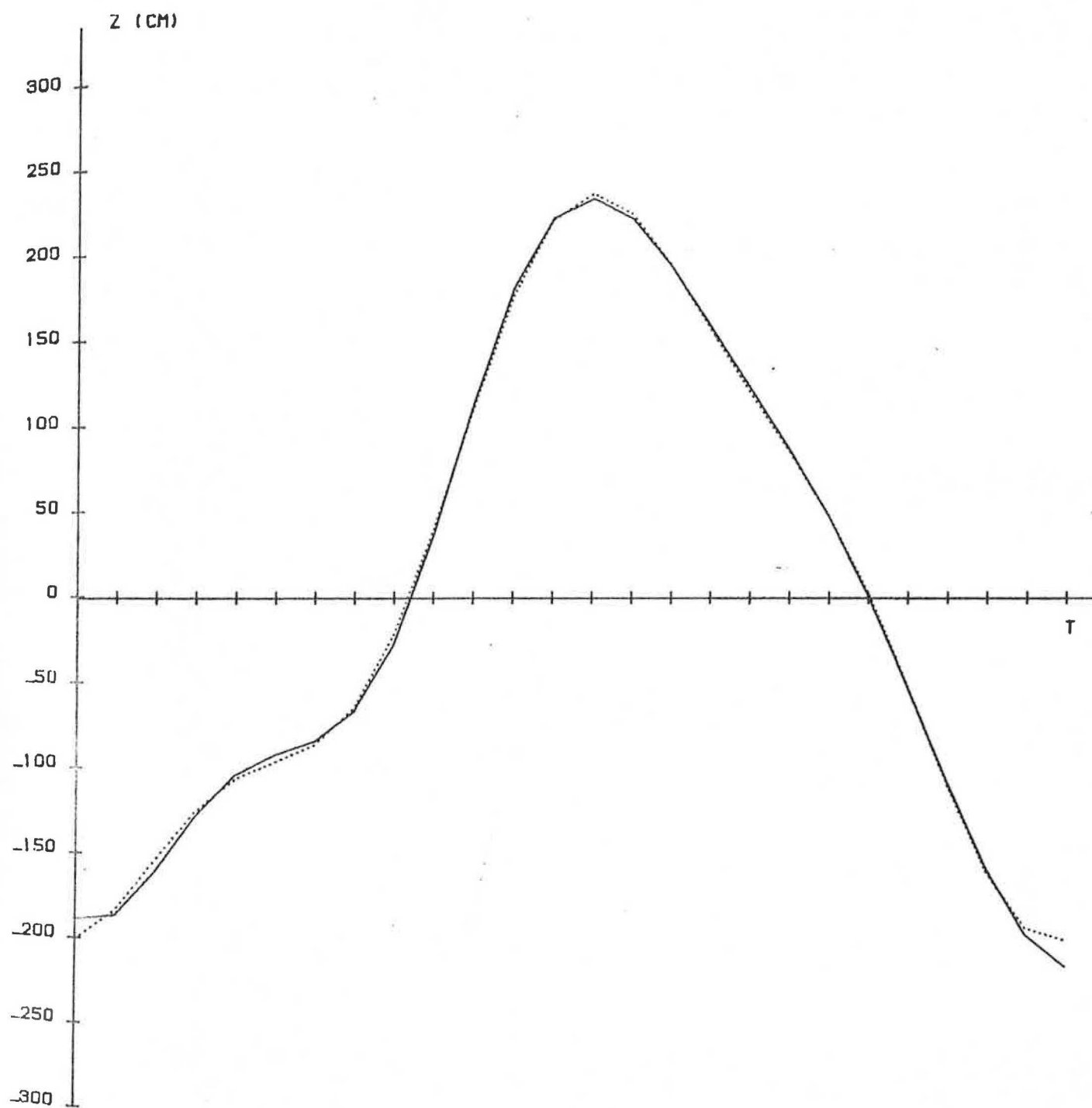
MEETPUNT : 10

MEETPUNT :10  
 \*\*\*\*\*

| TIJD | MODEL 1 KM |      | MODEL 500 M |      |
|------|------------|------|-------------|------|
|      | AM         | PHA  | AM          | PHA  |
| -6   | 39.        | 225. | 38.         | 220. |
| -5   | 56.        | 187. | 51.         | 190. |
| -4   | 56.        | 192. | 54.         | 188. |
| -3   | 57.        | 174. | 56.         | 168. |
| -2   | 72.        | 132. | 71.         | 126. |
| -1   | 76.        | 97.  | 82.         | 96.  |
| 0    | 66.        | 62.  | 68.         | 64.  |
| 1    | 55.        | 27.  | 56.         | 24.  |
| 2    | 55.        | 357. | 55.         | 357. |
| 3    | 65.        | 338. | 63.         | 339. |
| 4    | 77.        | 319. | 79.         | 321. |
| 5    | 74.        | 306. | 70.         | 305. |
| 6    | 37.        | 269. | 38.         | 258. |

MEETPUNT : 10



MEETPUNT : 11

MEETPUNT : 11  
 \*\*\*\*\*

TIJD  
 -----

MODEL 1 KM  
 -----

MODEL 500 M  
 -----

AM

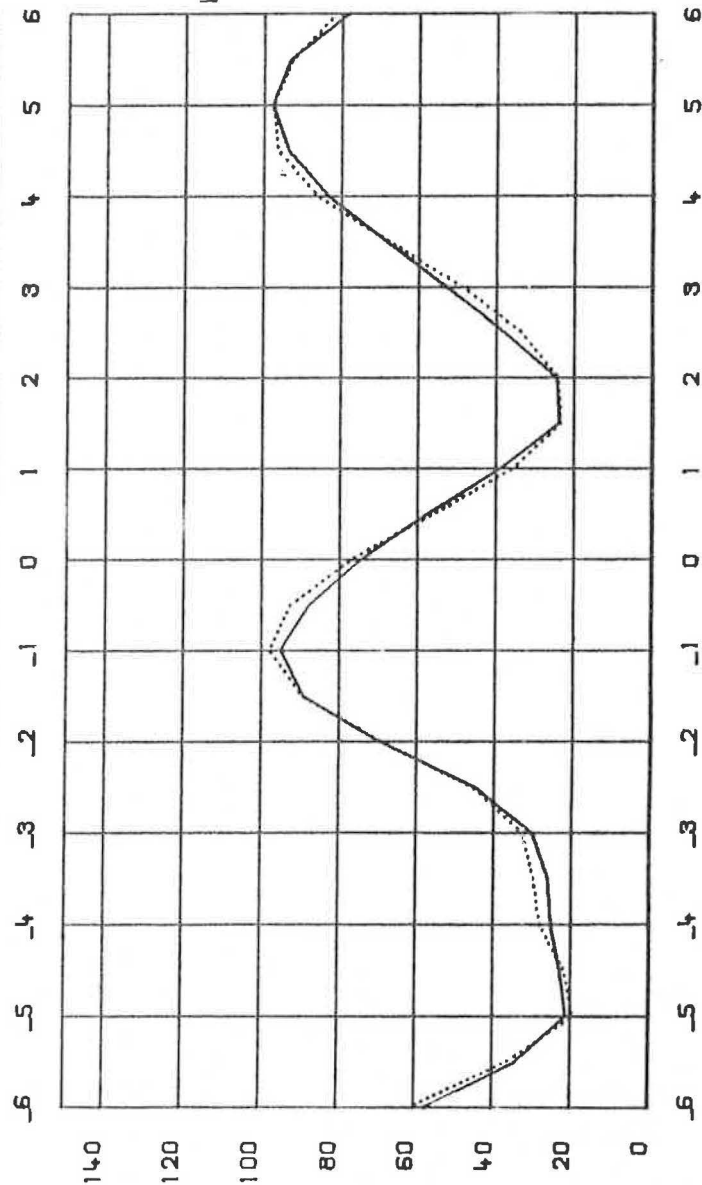
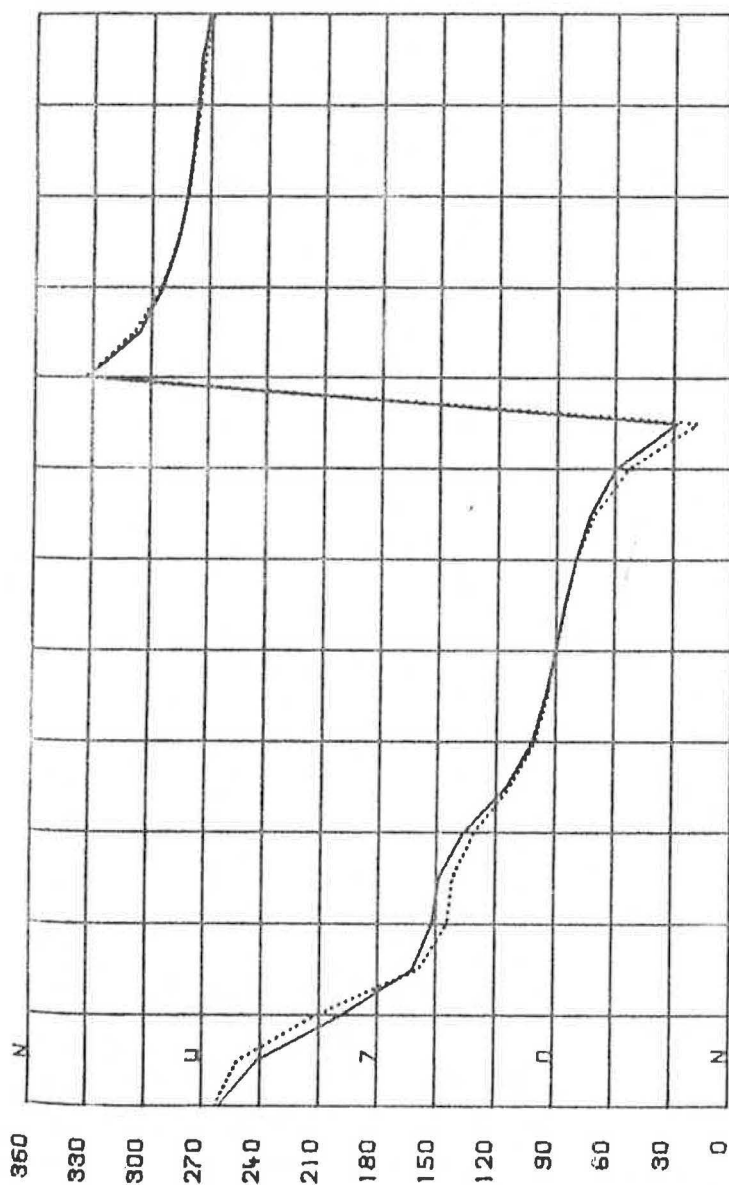
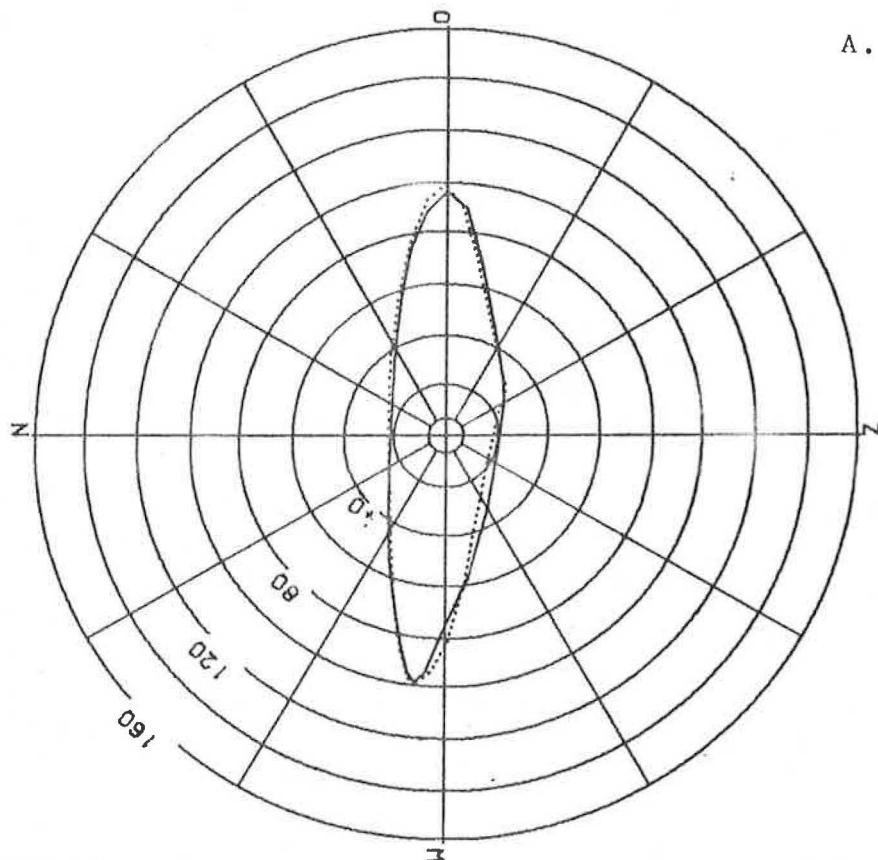
PHA

AM

PHA

|    |     |      |     |      |
|----|-----|------|-----|------|
| -6 | 57. | 262. | 61. | 264. |
| -5 | 21. | 198. | 19. | 211. |
| -4 | 26. | 152. | 28. | 144. |
| -3 | 30. | 136. | 33. | 131. |
| -2 | 70. | 101. | 70. | 100. |
| -1 | 95. | 90.  | 98. | 90.  |
| 0  | 74. | 79.  | 77. | 79.  |
| 1  | 39. | 59.  | 36. | 52.  |
| 2  | 25. | 333. | 24. | 334. |
| 3  | 53. | 294. | 49. | 295. |
| 4  | 84. | 282. | 86. | 281. |
| 5  | 98. | 277. | 98. | 276. |
| 6  | 78. | 271. | 81. | 269. |

MEETPUNT : 11



# DIEPTE IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 12 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |
| 10 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 6  | 4  | 4  |    |
| 18 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 12 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |
| 16 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 13 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |    |    |
| 14 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 14 | 14 | 13 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 9  | 10 | 10 | 10 |    |    |
| 12 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 13 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  | 8  |    |    |
| 10 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 11 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 11 | 10 | 10 | 11 | 11 | 11 |    |    |    |
| 18 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 10 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |    |    |
| 16 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |    |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 11 | 10 | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 15 |
| 12 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 11 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |    |
| 10 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 11 | 11 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |    |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 12 | 12 | 11 | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 13 |    |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 12 | 11 | 13 | 13 | 12 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 |    |    |
| 4  | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 7  | 12 | 99 | 99 | 99 | 13 | 13 | 8  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |
| 2  | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 9  | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  | 7  |    |
| 0  | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 1  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 2  | 3  | 5  | 5  | 5  | 5  | 6  | 5  | 5  | 5  | 6  | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 5  | 99 | 99 | 99 | 99 |    |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

REFERENTIE TOESTAND



WATERSTAND IN DM  
TIJD : MAXIMUM EB

[illegible]

## REFERENTIE TOESTAND

TIJD : MAXIMUM EB

[illegible]

## REFERENTIETOESTAND

## TIJD : LAAGWATER

[illegible]

A.8.37.

## TIJD : LAAGWATER

## REFERENTIETOESTAND

## TIJD : MAXIMUM VLOED

[illegible]

A.8.39.

SNELHEID IN DM/S  
TIJD : MAXIMUM VLOED

|    |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| 42 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  |   |
| 40 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  |   |
| 38 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8 |
| 36 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  |   |
| 34 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9 |
| 32 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 30 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 28 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 26 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 24 | 9 | 9 | 9 | 9 | 9 | 9 | 9  | 10 | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 22 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 20 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 18 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |   |
| 16 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 9  | 8  | 8  | 9  | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 |   |
| 14 | 9 | 9 | 9 | 9 | 8 | 8 | 7  | 7  | 3  | 99 | 99 | 99 | 0  | 3  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 11 | 11 | 11 | 11 |   |
| 12 | 9 | 9 | 8 | 8 | 8 | 7 | 5  | 3  | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 4  | 5  | 6  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 9  | 9  | 9  | 9  |   |
| 10 | 7 | 7 | 7 | 6 | 5 | 4 | 3  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 2  | 3  | 4  | 5  | 6  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 6  | 3  | 99 |   |
| 8  |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |

## REFERENTIETOESTAND

## TIJD : HOOGWATER

[illegible]

A.8.41.



SNELHEID IN DM/S

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 6  |    |
| 40 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 3  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 6  | 5  | 6  | 6  |    |    |
| 38 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 36 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 34 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 32 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 30 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 28 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 26 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 3  | 7  | 7  | 8  | 8  | 3  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 24 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 8  | 3  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 22 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 20 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  |    |    |
| 18 | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  |    |    |
| 16 | 8  | 8  | 7  | 8  | 7  | 7  | 7  | 8  | 8  | 6  | 5  | 5  | 6  | 5  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  |    |    |
| 14 | 7  | 7  | 7  | 7  | 7  | 6  | 6  | 5  | 2  | 99 | 99 | 99 | 0  | 2  | 4  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  |    |    |
| 12 | 7  | 7  | 7  | 6  | 6  | 5  | 4  | 2  | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 2  | 3  | 4  | 4  | 5  | 5  | 6  | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 5  | 5  |    |    |
| 10 | 5  | 5  | 5  | 5  | 4  | 3  | 2  | 0  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 0  | 0  | 2  | 3  | 4  | 4  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 5  | 4  | 2  | 99 | 99 | 99 |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

REFERENTIETOESTAND

B I J L A G E 9

Model met mazen van 500 m.  
Hydrodynamische wijzigingen.  
Toestand A t.o.v. referentie-  
toestand.

# DIEPTE IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |
| 40 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 6  | 4  | 4  |    |
| 38 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 12 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |
| 36 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 13 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |    |
| 34 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 14 | 14 | 13 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 10 | 10 | 10 |    |
| 32 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 13 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  |    |
| 30 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 11 | 12 | 11 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 14 | 14 | 14 | 13 | 13 | 13 | 13 | 11 | 10 | 10 | 11 | 11 |    |
| 28 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 12 |    |
| 26 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 10 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 11 | 10 | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 15 | 15 | 14 |
| 22 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 11 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 |
| 20 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 13 | 13 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 9  | 9  | 12 | 13 | 13 | 13 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 13 |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 9  | 9  | 13 | 13 | 13 | 13 | 13 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 |    |
| 14 | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 9  | 9  | 13 | 13 | 13 | 13 | 13 | 9  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |
| 12 | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  |    |
| 10 | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 2  | 3  | 5  | 5  | 5  | 5  | 6  | 5  | 5  | 5  | 6  | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 5  | 9  | 9  | 9  |    |
| 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |
| 6  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |
| 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |
| 2  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |

TOESTAND A

## TIJD : MAXIMUM EB

TOESTAND A

SNELHEIDSTOENAME (CM/S)

TIJD : MAXIMUM EB

|    |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | -3  | -2  | -2  | 0   | 0   | 0   | 3   | 5   | 7   | 8   | 9   | 10 | 10 | 10 | 9  | 8  | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | -2 |    |    |
| 40 | -3  | -3  | -2  | 0   | 0   | 0   | 3   | 5   | 7   | 9   | 10  | 11 | 11 | 10 | 10 | 9  | 8   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -3 |    |
| 38 | -3  | -3  | -2  | 0   | 0   | 0   | 3   | 5   | 7   | 9   | 11  | 12 | 12 | 11 | 10 | 9  | 8   | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 |    |    |
| 36 | -4  | -3  | -2  | 0   | 0   | 0   | 3   | 5   | 7   | 10  | 12  | 13 | 13 | 13 | 12 | 10 | 8   | 7   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |    |    |
| 34 | -4  | -3  | -3  | -2  | 0   | 0   | 3   | 5   | 7   | 11  | 14  | 15 | 16 | 15 | 14 | 12 | 10  | 8   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |    |    |
| 32 | -4  | -4  | -3  | -3  | 0   | 0   | 3   | 6   | 7   | 11  | 15  | 18 | 18 | 17 | 16 | 13 | 10  | 7   | 4   | 2   | 0   | 0   | 0   | -2  | -3  | -3  | -3  | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -4 | -4 | -5 | -5 | -4 |    |
| 30 | -5  | -5  | -5  | -4  | -2  | 0   | 2   | 5   | 7   | 11  | 16  | 20 | 20 | 19 | 17 | 14 | 10  | 6   | 3   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 28 | -7  | -8  | -7  | -6  | -4  | -3  | 0   | 2   | 5   | 8   | 15  | 20 | 20 | 19 | 18 | 15 | 10  | 5   | 0   | 0   | -3  | -4  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 |    |
| 26 | -10 | -10 | -10 | -10 | -9  | -7  | -5  | -2  | 0   | 0   | 8   | 16 | 15 | 17 | 18 | 18 | 11  | 4   | 0   | -3  | -5  | -6  | -7  | -7  | -7  | -6  | -6  | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 |    |
| 24 | -13 | -14 | -15 | -16 | -16 | -15 | -15 | -15 | -17 | -20 | -16 | -2 | 0  | 9  | 15 | 22 | 12  | 4   | 0   | -5  | -7  | -8  | -8  | -8  | -8  | -7  | -7  | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 |
| 22 | -15 | -18 | -20 | -23 | -25 | -26 | -29 | -37 | -56 | -72 | 99  | 99 | 48 | 43 | 17 | 0  | 24  | 10  | 0   | -3  | -7  | -8  | -9  | -9  | -9  | -8  | -8  | -7 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 |
| 20 | -18 | -22 | -25 | -31 | -36 | -39 | -49 | -70 | 99  | 99  | 78  | 66 | 99 | 67 | 43 | 17 | 0   | -6  | -8  | -9  | -10 | -10 | -9  | -9  | -9  | -8  | -8  | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 |    |
| 18 | -20 | -23 | -29 | -37 | -43 | -50 | -64 | 99  | 99  | 78  | 73  | 71 | 79 | 99 | 99 | 11 | -17 | -17 | -16 | -14 | -13 | -12 | -11 | -10 | -9  | -9  | -8  | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 |    |
| 16 | -22 | -27 | -35 | -42 | -48 | -56 | -67 | 99  | 99  | 66  | 59  | 58 | 63 | 71 | 99 | 36 | -33 | -27 | -22 | -19 | -16 | -14 | -13 | -12 | -10 | -9  | -8  | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 |    |    |
| 14 | -19 | -23 | -27 | -32 | -36 | -39 | -28 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 46 | -41 | -33 | -27 | -23 | -19 | -17 | -15 | -13 | -12 | -10 | -9  | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -6 |    |    |
| 12 | -15 | -17 | -20 | -23 | -24 | -23 | -17 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 38 | -41 | -35 | -29 | -25 | -22 | -19 | -17 | -15 | -13 | -11 | -10 | -9 | -8 | -7 | -6 | -6 | -6 | -5 | -6 | -5 | -5 | -5 | -5 | -6 |    |    |
| 10 | -4  | -3  | 0   | 0   | 0   | 0   | 0   | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 15 | -26 | -23 | -20 | -18 | -16 | -13 | -12 | -12 | -10 | -9  | -8  | -8 | -7 | -6 | -5 | -5 | -4 | -3 | -2 | 0  | 99 | 99 | 99 | 99 |    |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM EB

|    |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | -4  | -3  | -2  | 0   | 0   | 2   | 4   | 6   | 7   | 9   | 10  | 10 | 10 | 10 | 9  | 8  | 8  | 6  | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | -2 | -2 |    |
| 40 | -4  | -3  | -2  | 0   | 0   | 2   | 4   | 6   | 8   | 10  | 11  | 12 | 11 | 11 | 10 | 9  | 8  | 6  | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 |
| 38 | -4  | -3  | -2  | 0   | 0   | 2   | 4   | 6   | 9   | 11  | 13  | 13 | 13 | 12 | 11 | 9  | 8  | 6  | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 |
| 36 | -5  | -4  | -3  | 0   | 0   | 2   | 4   | 6   | 9   | 12  | 14  | 15 | 15 | 14 | 13 | 11 | 9  | 7  | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |
| 34 | -5  | -4  | -3  | -2  | 0   | 2   | 4   | 6   | 9   | 13  | 16  | 17 | 17 | 16 | 15 | 13 | 10 | 8  | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |
| 32 | -5  | -5  | -4  | -3  | 0   | 0   | 4   | 7   | 9   | 13  | 18  | 20 | 20 | 19 | 17 | 14 | 11 | 7  | 4   | 2   | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 |
| 30 | -7  | -7  | -6  | -4  | -3  | 0   | 2   | 6   | 9   | 13  | 19  | 22 | 21 | 20 | 18 | 14 | 10 | 6  | 3   | 0   | 0   | -2  | -3  | -3  | -4  | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 28 | -10 | -10 | -9  | -7  | -6  | -3  | 0   | 3   | 6   | 10  | 18  | 23 | 22 | 21 | 19 | 16 | 10 | 5  | 0   | 0   | -3  | -4  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 26 | -13 | -14 | -14 | -13 | -12 | -9  | -6  | -3  | 0   | 2   | 10  | 20 | 18 | 20 | 21 | 20 | 12 | 5  | 0   | -3  | -5  | -6  | -6  | -6  | -6  | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 24 | -18 | -18 | -20 | -21 | -21 | -20 | -18 | -19 | -22 | -25 | -21 | -2 | 0  | 10 | 18 | 25 | 14 | 5  | 0   | -5  | -7  | -8  | -8  | -8  | -8  | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 22 | -21 | -24 | -26 | -29 | -31 | -32 | -36 | -46 | -68 | -88 | 99  | 62 | 53 | 20 | 0  | 28 | 12 | 0  | -4  | -8  | -10 | -10 | -10 | -9  | -9  | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 20 | -25 | -29 | -32 | -38 | -44 | -49 | -61 | -85 | 99  | 99  | 95  | 83 | 99 | 78 | 48 | 19 | 0  | -7 | -10 | -11 | -12 | -11 | -11 | -10 | -10 | -9 | -8 | -8 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -4 | -4 |
| 18 | -27 | -32 | -39 | -47 | -55 | -66 | -81 | 99  | 99  | 95  | 93  | 91 | 93 | 99 | 99 | 13 | 20 | 20 | 18  | 17  | 15  | 14  | 13  | 12  | 11  | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -4 | -4 |
| 16 | -30 | -37 | -46 | -54 | -63 | -76 | -89 | 99  | 99  | 95  | 96  | 96 | 97 | 99 | 99 | 39 | 37 | 31 | 26  | 22  | 19  | 17  | 15  | 13  | 12  | 11 | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -4 | -4 |
| 14 | -27 | -33 | -41 | -49 | -59 | -73 | -88 | 99  | 99  | 99  | 99  | 99 | 94 | 98 | 99 | 55 | 49 | 40 | 33  | 27  | 23  | 20  | 17  | 15  | 13  | 12 | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 |
| 12 | -23 | -28 | -35 | -43 | -53 | -65 | -71 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 65 | 56 | 46 | 38  | 31  | 26  | 22  | 19  | 16  | 14  | 12 | 11 | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -7 |    |
| 10 | -14 | -17 | -17 | -2  | 0   | 0   | 0   | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 60 | 56 | 46 | 38  | 32  | 27  | 22  | 19  | 16  | 14  | 12 | 11 | 10 | -9 | -9 | -8 | -8 | -7 | -7 | -7 | -7 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A

## TIJD : MAXIMUM EB

TOESTAND A



## TIJD : LAAGWATER

[illegible]

### A.9.6.

SNELHEIDSTOENAME (CM/S)

TIJD : LAAGWATER

|    |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 2   | 3   | 4   | 5   | 7   | 8     | 8   | 9   | 8   | 8   | 7   | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | -2 |    |
| 40 | 0   | 0   | 0   | 0   | 0   | 3   | 4   | 6   | 7   | 8     | 9   | 9   | 9   | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 |
| 38 | 0   | 0   | 0   | 0   | 0   | 2   | 4   | 5   | 7   | 9     | 10  | 10  | 10  | 9   | 8   | 7   | 6   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 36 | -2  | 0   | 0   | 0   | 0   | 2   | 3   | 5   | 7   | 9     | 11  | 11  | 11  | 10  | 9   | 8   | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 |
| 34 | -2  | 0   | 0   | 0   | 0   | 2   | 4   | 5   | 7   | 10    | 12  | 13  | 13  | 12  | 11  | 9   | 7   | 5   | 3   | 2   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 32 | -2  | -2  | -2  | 0   | 0   | 0   | 4   | 6   | 7   | 10    | 13  | 15  | 15  | 14  | 13  | 10  | 8   | 5   | 2   | 0   | 0   | -2  | -2  | -3  | -3  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 30 | -3  | -3  | -2  | 0   | 0   | 0   | 3   | 5   | 7   | 9     | 14  | 16  | 16  | 15  | 13  | 10  | 7   | 3   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -4 |
| 28 | -4  | -4  | -4  | -2  | 0   | 0   | 0   | 3   | 5   | 7     | 12  | 16  | 16  | 16  | 14  | 11  | 7   | 2   | 0   | -2  | -4  | -5  | -5  | -6  | -6  | -5  | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 |
| 26 | -7  | -7  | -6  | -6  | -5  | -4  | -2  | 0   | 0   | 0     | 6   | 13  | 13  | 15  | 15  | 14  | 8   | 2   | -2  | -4  | -6  | -7  | -7  | -7  | -7  | -6  | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 |
| 24 | -9  | -10 | -11 | -12 | -12 | -11 | -10 | -11 | -14 | -17   | -15 | -4  | 0   | 8   | 13  | 18  | 9   | 0   | -3  | -6  | -8  | -8  | -8  | -8  | -8  | -7  | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 |
| 22 | -12 | -13 | -15 | -18 | -19 | -20 | -24 | -32 | -49 | -64   | 99  | 99  | 50  | -36 | -19 | 0   | 20  | 7   | 0   | -5  | -8  | -9  | -9  | -9  | -9  | -8  | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 |
| 20 | -16 | -18 | -21 | -26 | -30 | -32 | -42 | -62 | 99  | 99    | 71  | -66 | 99  | -60 | -38 | 13  | 0   | -7  | -9  | -9  | -10 | -10 | -9  | -9  | -8  | -8  | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 |
| 18 | -16 | -19 | -24 | -32 | -36 | -43 | -57 | 99  | 99  | 71    | -68 | -67 | -70 | 99  | 99  | -12 | -17 | -17 | -15 | -13 | -12 | -11 | -10 | -9  | -9  | -8  | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |
| 16 | -20 | -24 | -31 | -37 | -42 | -50 | -59 | 99  | 99  | 55    | -53 | -52 | -56 | -63 | 99  | -34 | -31 | -25 | -20 | -17 | -14 | -13 | -11 | -10 | -9  | -8  | -8 | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 14 | -17 | -21 | -25 | -30 | -33 | -35 | -34 | 99  | 99  | ***** | -12 | -31 | 99  | -42 | -38 | -30 | -24 | -20 | -17 | -15 | -13 | -12 | -10 | -9  | -8  | -7  | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 |    |
| 12 | -13 | -15 | -18 | -21 | -23 | -22 | -18 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -35 | -38 | -31 | -26 | -22 | -20 | -17 | -15 | -13 | -12 | -10 | -9 | -8 | -7 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -7 |    |
| 10 | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -12 | -22 | -19 | -17 | -16 | -14 | -11 | -10 | -10 | -9  | -8  | -7 | -7 | -6 | -5 | -5 | -4 | -4 | -3 | -2 | 0  | 99 | 99 | 99 | 99 |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (

TIJD : LAAGWATER

|    |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 2   | 4   | 5   | 7   | 8   | 9   | 10  | 10 | 10 | 9  | 8  | 8  | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -3 |    |    |
| 40 | 0   | 0   | 0   | 2   | 3   | 5   | 7   | 9   | 10  | 11  | 11 | 10 | 10 | 9  | 8  | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 |    |
| 38 | -2  | 0   |     | 0   | 3   | 5   | 7   | 9   | 11  | 12  | 12 | 12 | 11 | 9  | 8  | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 |    |
| 36 | -3  | -2  |     | 0   | 3   | 5   | 7   | 9   | 12  | 14  | 14 | 14 | 12 | 11 | 9  | 7   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 |    |
| 34 | -2  | -2  |     | 0   | 3   | 5   | 7   | 9   | 13  | 15  | 16 | 16 | 15 | 13 | 11 | 8   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 |
| 32 | -3  | -3  | -   | 0   | 2   | 5   | 7   | 10  | 13  | 17  | 18 | 18 | 17 | 15 | 12 | 9   | 5   | 3   | 0   | 0   | -2  | -2  | -3  | -3  | -3  | -3  | -4  | -4  | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -4 | -4 | -4 |    |
| 30 | -4  | -4  | -   | 0   | 0   | 4   | 7   | 9   | 13  | 18  | 20 | 19 | 18 | 15 | 12 | 8   | 4   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -4 |    |
| 28 | -6  | -6  | -   | -2  | 0   | 0   | 4   | 7   | 11  | 17  | 21 | 20 | 19 | 17 | 13 | 7   | 2   | 0   | -3  | -4  | -5  | -6  | -6  | -6  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 26 | -10 | -10 | -1  | -8  | -6  | -2  | 0   | 0   | 2   | 10  | 17 | 17 | 18 | 19 | 17 | 9   | 2   | -2  | -5  | -6  | -7  | -7  | -7  | -7  | -6  | -6  | -6  | -6  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 24 | -14 | -15 | -1  | -17 | -16 | -15 | -16 | -20 | -25 | -22 | -6 | 0  | 10 | 17 | 23 | 11  | 2   | -4  | -7  | -9  | -9  | -9  | -9  | -8  | -7  | -7  | -6  | -6  | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 22 | -18 | -20 | -2  | -27 | -29 | -23 | -45 | -68 | -88 | 99  | 99 | 73 | 50 | 19 | 0  | 26  | 9   | 0   | -6  | -10 | -11 | -11 | -11 | -10 | -9  | -8  | -8  | -7  | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 20 | -24 | -28 | -3  | -41 | -46 | -58 | -84 | 99  | 99  | 98  | 94 | 99 | 78 | 48 | 16 | 0   | -9  | -12 | -13 | -13 | -12 | -12 | -11 | -10 | -9  | -8  | -8  | -7  | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -4 |    |
| 18 | -26 | -30 | -3  | -52 | -63 | -79 | 99  | 99  | 98  | 96  | 97 | 99 | 99 | 99 | 15 | -22 | -21 | -19 | -17 | -15 | -14 | -13 | -12 | -11 | -10 | -9  | -8  | -7  | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 16 | -30 | -37 | -4  | -62 | -74 | -87 | 99  | 99  | 97  | 98  | 99 | 98 | 99 | 99 | 99 | 42  | -38 | -32 | -26 | -22 | -19 | -16 | -14 | -13 | -12 | -10 | -9  | -8  | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -4 |
| 14 | -28 | -34 | -4  | -61 | -74 | -86 | 99  | 99  | 99  | 99  | 99 | 97 | 99 | 99 | 99 | 58  | -50 | -40 | -32 | -27 | -22 | -19 | -16 | -14 | -12 | -11 | -10 | -9  | -8 | -7 | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 |
| 12 | -24 | -29 | -3  | 58  | -72 | -86 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 68  | -57 | -46 | -37 | -31 | -26 | -22 | -18 | -16 | -13 | -12 | -10 | -9  | -8 | -8 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -7 | -9 |    |
| 10 | -13 | -14 | -16 | -19 | -21 | -21 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 61  | -56 | -46 | -38 | -31 | -26 | -22 | -18 | -16 | -13 | -12 | -11 | -10 | -9 | -8 | -8 | -7 | -7 | -7 | -7 | -7 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A

## TIJD : LAAGWATER

[illegible]

A.9.9.

## TIJD : MAXIMUM VLOED

TOESTAND A

SNELHEIDSTOENAME (CM/S)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |    |    |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 0   | 0   | 2   | 4   | 5   | 7   | 8  | 9   | 9   | 10  | 9   | 9   | 8   | 8   | 7   | 6  | 5  | 4   | 3   | 2   | 0   | 0   | 0   | 0  | 0  | 0  | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -4 |
| 40 | 0   | 0   | 0   | 0   | 0   | 2   | 3   | 4   | 6   | 8   | 9  | 10  | 10  | 11  | 11  | 10  | 9   | 9   | 8   | 6  | 5  | 4   | 3   | 2   | 0   | 0   | 0   | 0  | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 38 | -2  | 0   | 0   | 0   | 0   | 2   | 4   | 5   | 7   | 9   | 11 | 11  | 12  | 12  | 11  | 11  | 10  | 9   | 8   | 7  | 6  | 4   | 3   | 2   | 0   | 0   | 0   | -2 | -2 | -3 | -3 | -4 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -5 |
| 36 | -3  | -2  | 0   | 0   | 0   | 3   | 4   | 6   | 8   | 11  | 13 | 14  | 14  | 14  | 13  | 12  | 11  | 10  | 9   | 7  | 6  | 5   | 4   | 2   | 0   | 0   | 0   | -2 | -3 | -3 | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 |
| 34 | -4  | -3  | -2  | 0   | 0   | 3   | 6   | 8   | 10  | 13  | 16 | 17  | 17  | 16  | 15  | 14  | 12  | 11  | 9   | 8  | 6  | 5   | 3   | 2   | 0   | 0   | 0   | -2 | -3 | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 |
| 32 | -5  | -4  | -3  | -2  | 0   | 3   | 7   | 10  | 13  | 16  | 19 | 21  | 20  | 19  | 17  | 15  | 13  | 11  | 9   | 7  | 5  | 4   | 2   | 0   | 0   | 0   | 0   | -2 | -3 | -4 | -4 | -5 | -5 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |
| 30 | -6  | -5  | -4  | -2  | 0   | 3   | 9   | 14  | 17  | 20  | 23 | 25  | 24  | 22  | 20  | 17  | 14  | 11  | 8   | 6  | 3  | 2   | 0   | 0   | 0   | 0   | -2  | -3 | -3 | -4 | -5 | -5 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |
| 28 | -7  | -6  | -5  | -3  | 0   | 5   | 11  | 18  | 23  | 26  | 29 | 31  | 29  | 25  | 21  | 18  | 14  | 11  | 8   | 5  | 2  | 0   | 0   | -2  | -2  | -3  | -3  | -4 | -4 | -5 | -5 | -6 | -6 | -6 | -6 | -7 | -7 | -7 | -7 | -7 |
| 26 | -9  | -8  | -7  | -5  | 0   | 5   | 15  | 24  | 28  | 31  | 35 | 36  | 32  | 27  | 22  | 18  | 15  | 11  | 7   | 4  | 0  | 0   | -2  | -4  | -4  | -5  | -5  | -5 | -5 | -6 | -6 | -6 | -6 | -6 | -6 | -7 | -7 | -7 | -7 | -7 |
| 24 | -10 | -10 | -10 | -8  | -4  | 3   | 17  | 24  | 16  | 17  | 17 | 21  | 21  | 19  | 17  | 15  | 12  | 9   | 5   | 2  | 0  | -2  | -4  | -5  | -6  | -6  | -6  | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -7 | -7 | -7 |
| 22 | -11 | -12 | -13 | -12 | -10 | 0   | 14  | 0   | -38 | -72 | 99 | -74 | -61 | -31 | -14 | -3  | 0   | 0   | 0   | -2 | -4 | -6  | -7  | -8  | -8  | -8  | -8  | -7 | -7 | -7 | -7 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |
| 20 | -14 | -16 | -17 | -20 | -20 | -14 | 0   | -67 | 99  | 99  | 99 | 99  | -88 | 99  | -90 | -65 | -33 | -16 | -11 | -9 | -9 | -10 | -11 | -11 | -11 | -11 | -10 | -9 | -9 | -8 | -7 | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |
| 18 | -17 | -19 | -22 | -26 | -28 | -29 | -27 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 16 | -18 | -21 | -26 | -31 | -36 | -42 | -46 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 14 | -19 | -23 | -27 | -33 | -40 | -47 | -50 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 12 | -20 | -23 | -28 | -33 | -38 | -42 | -40 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 10 | -15 | -18 | -22 | -25 | -28 | -28 | -25 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (7)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | -2  | 0   | 0   | 0   | 0   | 0   | 3   | 4  | 5  | 7  | 8  | 9  | 9  | 10 | 10 | 9  | 9  | 8  | 7  | 6  | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0  | 0  | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -5 |    |    |
| 40 | -2  | 0   | 0   | 0   | 0   | 2   | 3   | 5  | 6  | 8  | 9  | 10 | 10 | 10 | 10 | 9  | 8  | 7  | 6  | 5  | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -3 | -4 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -6 |    |
| 38 | -2  | 0   | 0   | 0   | 0   | 2   | 4   | 5  | 7  | 9  | 10 | 11 | 11 | 11 | 11 | 10 | 9  | 8  | 6  | 5  | 4   | 3   | 2   | 0   | 0   | 0   | 0   | -2 | -2 | -3 | -4 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -6 | -6 |    |
| 36 | -3  | -2  | 0   | 0   | 0   | 3   | 5   | 7  | 9  | 11 | 13 | 13 | 13 | 13 | 12 | 11 | 10 | 9  | 8  | 7  | 6   | 4   | 3   | 2   | 0   | 0   | 0   | -2 | -3 | -3 | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 |    |
| 34 | -4  | -3  | -2  | 0   | 0   | 3   | 6   | 8  | 11 | 13 | 15 | 16 | 16 | 15 | 14 | 13 | 11 | 10 | 9  | 7  | 6   | 4   | 3   | 2   | 0   | 0   | 0   | 0  | -2 | -3 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 |    |
| 32 | -5  | -4  | -3  | -2  | 0   | 3   | 7   | 10 | 13 | 16 | 19 | 20 | 19 | 18 | 16 | 14 | 12 | 10 | 8  | 7  | 5   | 3   | 2   | 0   | 0   | 0   | 0   | -2 | -3 | -3 | -4 | -5 | -5 | -5 | -6 | -6 | -5 | -5 | -6 | -6 |    |
| 30 | -6  | -5  | -4  | -2  | 0   | 4   | 9   | 14 | 17 | 21 | 23 | 24 | 23 | 21 | 18 | 16 | 13 | 10 | 8  | 5  | 3   | 2   | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -4 | -4 | -5 | -5 | -5 | -6 | -6 | -6 | -6 | -6 | -6 |    |
| 28 | -7  | -7  | -5  | -3  | 0   | 5   | 11  | 19 | 23 | 27 | 30 | 30 | 27 | 24 | 20 | 17 | 13 | 10 | 7  | 5  | 2   | 0   | 0   | 0   | 0   | -2  | -3  | -3 | -4 | -4 | -4 | -5 | -5 | -5 | -5 | -6 | -6 | -6 | -6 | -6 |    |
| 26 | -9  | -9  | -7  | -5  | 0   | 6   | 16  | 24 | 28 | 33 | 36 | 36 | 31 | 26 | 21 | 17 | 14 | 10 | 7  | 4  | 0   | 0   | -2  | -3  | -4  | -4  | -5  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 | -5 |    |
| 24 | -11 | -11 | -10 | -9  | -4  | 4   | 18  | 24 | 16 | 17 | 17 | 21 | 20 | 18 | 16 | 14 | 12 | 9  | 5  | 2  | 0   | -2  | -4  | -5  | -6  | -6  | -6  | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 22 | -12 | -13 | -13 | -13 | -10 | 0   | 14  | 0  | 37 | 69 | 99 | 75 | 60 | 30 | 13 | -3 | 0  | 0  | 0  | -2 | -4  | -6  | -7  | -8  | -8  | -8  | -7  | -7 | -7 | -6 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 20 | -15 | -17 | -18 | -20 | -21 | -15 | 0   | 64 | 99 | 99 | 99 | 86 | 99 | 84 | 60 | 30 | 15 | 10 | -9 | -9 | -10 | -11 | -11 | -11 | -11 | -10 | -10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 18 | -17 | -20 | -23 | -27 | -30 | -31 | -27 | 99 | 99 | 99 | 98 | 89 | 99 | 99 | 99 | 80 | 49 | 33 | 25 | 21 | 20  | 19  | 18  | 17  | 16  | 14  | 13  | 11 | 10 | -9 | -8 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 |    |
| 16 | -19 | -23 | -28 | -33 | -38 | -46 | -50 | 99 | 99 | 99 | 97 | 91 | 98 | 99 | 99 | 96 | 71 | 54 | 43 | 36 | 31  | 28  | 25  | 23  | 20  | 18  | 15  | 13 | 12 | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -5 | -5 | -5 | -5 |    |
| 14 | -21 | -24 | -29 | -36 | -44 | -55 | -63 | 99 | 99 | 99 | 99 | 99 | 82 | 97 | 99 | 93 | 83 | 67 | 57 | 49 | 42  | 36  | 31  | 27  | 23  | 20  | 17  | 15 | 13 | 11 | 10 | -9 | -8 | -7 | -6 | -6 | -5 | -5 | -5 | -4 |    |
| 12 | -22 | -26 | -31 | -38 | -47 | -59 | -72 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 91 | 86 | 76 | 66 | 56 | 47  | 40  | 33  | 28  | 23  | 20  | 17  | 15 | 13 | 11 | 10 | -9 | -8 | -7 | -6 | -5 | -5 | -4 | -4 | -4 |    |
| 10 | -21 | -25 | -31 | -38 | -48 | -62 | -80 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 83 | 88 | 81 | 66 | 53  | 43  | 35  | 29  | 24  | 20  | 16  | 14 | 12 | 10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A



# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : MAXIMUM VLOED

|    |    |    |    |    |    |    |    |    |    |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |   |
|----|----|----|----|----|----|----|----|----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|---|
| 42 | 5  | 5  | 6  | 6  | 6  | 6  | 5  | 5  | 5  | 4   | 3   | 2  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3  | -4  | -4  | -5  | -5  | -5  | -4  | -4  | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -3 |    |   |
| 40 | 5  | 6  | 6  | 6  | 7  | 7  | 6  | 6  | 5  | 5   | 4   | 2  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3  | -3  | -4  | -4  | -4  | -5  | -5  | -5  | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -3 | -3 |   |
| 38 | 6  | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 6  | 5   | 4   | 3  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 |   |
| 36 | 6  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 7  | 6   | 5   | 3  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -4 | -3 | -3 | -2 | -2 | -2 | 0  | 0  |    |   |
| 34 | 6  | 7  | 8  | 9  | 10 | 10 | 10 | 9  | 8  | 7   | 5   | 3  | 0   | 0   | 0   | 0   | 0   | 0   | -3  | -4  | -5  | -5  | -6  | -6  | -6  | -5  | -5  | -5  | -4  | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | 0  |   |
| 32 | 7  | 8  | 9  | 11 | 11 | 12 | 12 | 11 | 10 | 8   | 6   | 3  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -4  | -5  | -6  | -6  | -7  | -7  | -7  | -7  | -6  | -6  | -5 | -4 | -4 | -3 | -3 | -3 | -3 | -2 | -2 | 0  |   |
| 30 | 8  | 10 | 11 | 13 | 14 | 15 | 15 | 14 | 12 | 10  | 6   | 3  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -4  | -5  | -6  | -7  | -8  | -8  | -8  | -8  | -7  | -7  | -6 | -6 | -5 | -4 | -4 | -3 | -3 | -2 | -2 | 0  |   |
| 28 | 9  | 11 | 13 | 16 | 18 | 19 | 20 | 18 | 15 | 12  | 7   | 2  | 0   | 0   | 0   | 0   | 0   | 0   | -4  | -6  | -7  | -8  | -9  | -9  | -10 | -9  | -9  | -8  | -8  | -7 | -6 | -5 | -5 | -4 | -3 | -3 | -2 | -2 | 0  |   |
| 26 | 10 | 12 | 15 | 18 | 22 | 25 | 26 | 23 | 19 | 16  | 7   | 0  | 0   | 0   | 0   | 0   | 0   | 0   | -4  | -7  | -9  | -10 | -11 | -12 | -12 | -12 | -12 | -11 | -10 | -9 | -8 | -7 | -6 | -5 | -4 | -3 | -3 | -2 | -2 | 0 |
| 24 | 11 | 13 | 17 | 21 | 26 | 30 | 33 | 28 | 20 | 23  | 8   | -2 | -8  | -11 | -13 | -14 | -15 | -16 | -16 | -16 | -15 | -13 | -12 | -10 | -9  | -8  | -6  | -5  | -4  | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  |    |   |
| 22 | 10 | 13 | 17 | 22 | 29 | 35 | 41 | 32 | 15 | 47  | 99  | 62 | 20  | 18  | 18  | 19  | 20  | 20  | 20  | 19  | 18  | 16  | 14  | 12  | 11  | -9  | -7  | -6  | -5  | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  |    |   |
| 20 | 9  | 12 | 16 | 21 | 31 | 41 | 52 | 39 | 99 | 99  | 124 | 81 | 99  | 37  | 14  | 21  | 24  | 25  | 24  | 23  | 21  | 19  | 16  | 14  | 12  | 10  | -8  | -6  | -5  | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  |    |   |
| 18 | 8  | 11 | 14 | 20 | 29 | 45 | 67 | 99 | 99 | 118 | 88  | 89 | 117 | 99  | 99  | 40  | 37  | 33  | 30  | 26  | 23  | 20  | 17  | 14  | 12  | 10  | -8  | -6  | -5  | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  |    |   |
| 16 | 6  | 8  | 12 | 16 | 23 | 37 | 60 | 99 | 99 | 150 | 88  | 87 | 49  | 113 | 99  | 35  | 46  | 40  | 34  | 29  | 24  | 19  | 16  | 13  | 10  | -8  | -7  | -5  | -4  | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 14 | 4  | 5  | 7  | 10 | 15 | 26 | 50 | 99 | 99 | 207 | -6  | 64 | 47  | 49  | 99  | 129 | 65  | 48  | 37  | 28  | 21  | 16  | 12  | -9  | -7  | -5  | -4  | -3  | -3  | -2 | -2 | 0  | 0  | 0  | 0  | 0  |    |    |    |   |
| 12 | 2  | 3  | 4  | 5  | 8  | 13 | 24 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 170 | 89  | 53  | 33  | 21  | 14  | -9  | -6  | -4  | -3  | -3  | -2  | -2  | 0   | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |    |   |
| 10 | 0  | 0  | 0  | 0  | 3  | 4  | 15 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 214 | 88  | 31  | 12  | -6  | -4  | -2  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 99 | 99 |    |    |    |   |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |   |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |   |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |   |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |   |

TOESTAND A

[illegible]

TOESTAND A

SNELHEIDSTOENAME (CM/S)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 2   | 3   | 3   | 4   | 5   | 6   | 7     | 7   | 8   | 8   | 8   | 8   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3  | -4  | -4 | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |
| 40 | 0   | 0   | 2   | 2   | 3   | 4   | 5   | 6   | 7   | 8     | 9   | 9   | 9   | 9   | 9   | 8   | 7   | 7   | 6   | 5   | 4   | 2   | 0   | 0   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -4 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -5 |
| 38 | 0   | 0   | 0   | 2   | 3   | 5   | 6   | 7   | 9   | 10    | 10  | 11  | 10  | 10  | 9   | 8   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | -2  | -3  | -4  | -4  | -5  | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -6 | -6 |
| 36 | 0   | 0   | 0   | 2   | 3   | 5   | 6   | 8   | 10  | 11    | 12  | 12  | 12  | 11  | 10  | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | -3  | -4  | -4  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -6 | -6 | -6 | -6 |
| 34 | 0   | 0   | 0   | 0   | 3   | 5   | 7   | 9   | 11  | 13    | 14  | 14  | 14  | 12  | 11  | 10  | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -5  | -6 | -6 | -5 | -5 | -6 | -6 | -6 | -6 |    |
| 32 | -2  | 0   | 0   | 0   | 3   | 5   | 9   | 11  | 13  | 15    | 16  | 17  | 16  | 14  | 12  | 10  | 8   | 7   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |    |
| 30 | -2  | 0   | 0   | 0   | 3   | 7   | 11  | 15  | 17  | 18    | 19  | 19  | 18  | 15  | 13  | 11  | 8   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -4  | -4  | -5 | -5 | -6 | -6 | -7 | -6 | -6 | -6 |    |
| 28 | -3  | -2  | 0   | 0   | 5   | 9   | 15  | 20  | 21  | 22    | 22  | 21  | 19  | 16  | 13  | 10  | 8   | 6   | 4   | 2   | 0   | 0   | -2  | -3  | -3  | -3  | -4  | -4  | -4  | -4  | -5  | -5 | -5 | -6 | -6 | -6 | -7 | -7 | -6 | -6 |
| 26 | -4  | -3  | -2  | 0   | 4   | 11  | 19  | 24  | 22  | 21    | 20  | 18  | 16  | 12  | 10  | 8   | 6   | 4   | 2   | 0   | 0   | -2  | -3  | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |    |
| 24 | -4  | -4  | -3  | 0   | 2   | 10  | 21  | 21  | 7   | 0     | -7  | -7  | -5  | -4  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -4  | -5  | -5  | -6  | -6  | -6  | -6  | -6  | -6  | -6 | -6 | -6 | -6 | -6 | -6 | -6 | -6 |    |
| 22 | -6  | -6  | -6  | -5  | -2  | 4   | 17  | 0   | -38 | -65   | 99  | 73  | -60 | -47 | -34 | -23 | -15 | -10 | -8  | -7  | -7  | -7  | -8  | -8  | -8  | -8  | -7  | -7  | -6  | -6  | -6  | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -6 | -6 |
| 20 | -9  | -10 | -10 | -12 | -11 | -6  | 4   | -56 | 99  | 99    | -85 | -81 | 99  | -81 | -71 | -54 | -37 | -25 | -19 | -15 | -14 | -13 | -12 | -12 | -11 | -10 | -9  | -8  | -7  | -7  | -6  | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 18 | -11 | -13 | -15 | -18 | -19 | -19 | -18 | 99  | 99  | -91   | -84 | -78 | -79 | 99  | 99  | -76 | -60 | -43 | -33 | -26 | -22 | -20 | -19 | -17 | -16 | -14 | -13 | -12 | -10 | -9  | -7  | -7 | -6 | -5 | -5 | -5 | -5 | -4 | -4 | -4 |
| 16 | -13 | -15 | -19 | -23 | -26 | -31 | -35 | 99  | 99  | -66   | -56 | -53 | -59 | -67 | 99  | -62 | -70 | -55 | -44 | -36 | -31 | -28 | -25 | -23 | -21 | -19 | -17 | -15 | -13 | -11 | -9  | -8 | -7 | -6 | -6 | -5 | -5 | -5 | -4 | -4 |
| 14 | -14 | -17 | -21 | -25 | -30 | -35 | -39 | 99  | 99  | ***** | -4  | -20 | 99  | -38 | -55 | -55 | -47 | -42 | -38 | -34 | -31 | -28 | -25 | -22 | -19 | -17 | -14 | -12 | -11 | -9  | -8  | -7 | -6 | -6 | -5 | -4 | -4 | -3 |    |    |
| 12 | -15 | -18 | -21 | -26 | -29 | -32 | -36 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -9  | -22 | -32 | -38 | -40 | -39 | -36 | -33 | -29 | -26 | -23 | -20 | -17 | -15 | -12 | -11 | -9 | -8 | -6 | -5 | -5 | -3 | -2 | -2 |    |
| 10 | -12 | -14 | -17 | -20 | -22 | -23 | -19 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 3   | 0   | -5  | -17 | -30 | -31 | -27 | -25 | -22 | -19 | -16 | -13 | -11 | -9  | -8  | -7  | -6 | -5 | -4 | -3 | 0  | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND A

PROCENTUELE SNELHEIDSTOENAME (7)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 2   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 9   | 9   | 9   | 10  | 9   | 9   | 8   | 7   | 7   | 5   | 4   | 2   | 0   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -6  | -7 | -7 | -8 | -8 | -9 | -9 | -9 | -8 |
| 40 | 0   | 0   | 2   | 3   | 4   | 5   | 6   | 7   | 9   | 9   | 10  | 10  | 10  | 10  | 10  | 9   | 9   | 8   | 7   | 6   | 4   | 3   | 2   | 0   | 0   | -2  | -3  | -4  | -5  | -5  | -6  | -6  | -7  | -7 | -7 | -8 | -8 | -9 | -9 | -9 |    |
| 38 | 0   | 0   | 2   | 3   | 4   | 6   | 7   | 9   | 10  | 12  | 12  | 12  | 12  | 11  | 10  | 10  | 9   | 8   | 7   | 6   | 5   | 3   | 2   | 0   | 0   | 0   | -3  | -4  | -5  | -6  | -6  | -6  | -7  | -7 | -7 | -8 | -8 | -8 | -8 | -9 |    |
| 36 | 0   | 0   | 0   | 2   | 4   | 6   | 8   | 10  | 12  | 13  | 14  | 14  | 14  | 13  | 11  | 10  | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -7  | -7  | -7 | -7 | -7 | -8 | -8 | -8 | -9 |    |
| 34 | 0   | 0   | 0   | 0   | 3   | 6   | 8   | 11  | 13  | 15  | 16  | 16  | 15  | 14  | 13  | 11  | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | -2  | -3  | -5  | -6  | -7  | -7  | -7 | -7 | -7 | -7 | -8 | -8 |    |    |
| 32 | -2  | 0   | 0   | 0   | 3   | 6   | 10  | 13  | 16  | 18  | 19  | 19  | 18  | 16  | 14  | 12  | 10  | 8   | 6   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -7  | -7 | -8 | -8 | -7 | -7 | -7 | -8 |    |
| 30 | -2  | -2  | 0   | 0   | 4   | 8   | 13  | 18  | 20  | 22  | 23  | 22  | 20  | 17  | 15  | 12  | 9   | 7   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -3  | -4  | -5  | -6  | -6 | -7 | -7 | -8 | -8 | -8 | -7 |    |
| 28 | -3  | -2  | 0   | 2   | 6   | 11  | 18  | 24  | 26  | 27  | 27  | 25  | 22  | 18  | 15  | 12  | 9   | 6   | 4   | 2   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -5  | -5  | -5  | -6  | -6  | -6 | -7 | -7 | -7 | -7 | -7 |    |    |
| 26 | -5  | -4  | -2  | 0   | 5   | 13  | 23  | 29  | 27  | 27  | 25  | 22  | 18  | 14  | 11  | 9   | 7   | 5   | 3   | 0   | 0   | -2  | -4  | -5  | -5  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -6 | -6 | -7 | -7 | -7 | -7 |    |    |
| 24 | -6  | -5  | -3  | 0   | 3   | 12  | 26  | 25  | 9   | 0   | -9  | -9  | -6  | -4  | -2  | 0   | 0   | 0   | 0   | -2  | -3  | -4  | -6  | -7  | -7  | -7  | -7  | -7  | -7  | -7  | -7  | -7  | -7  | -6 | -6 | -6 | -6 | -6 | -6 |    |    |
| 22 | -8  | -8  | -7  | -6  | -2  | 6   | 21  | 0   | -44 | -74 | 99  | 92  | -73 | -54 | -39 | -28 | -18 | -13 | -10 | -9  | -9  | -9  | -10 | -10 | -10 | -10 | -9  | -9  | -8  | -8  | -7  | -7  | -7  | -7 | -6 | -6 | -6 | -6 | -6 | -6 |    |
| 20 | -11 | -12 | -12 | -14 | -14 | -7  | 4   | -65 | 99  | 99  | -96 | -97 | 99  | -94 | -82 | -63 | -43 | -31 | -23 | -20 | -18 | -17 | -16 | -15 | -14 | -13 | -12 | -11 | -10 | -9  | -8  | -7  | -7  | -6 | -6 | -6 | -5 | -5 | -5 | -5 |    |
| 18 | -14 | -16 | -18 | -21 | -24 | -25 | -22 | 99  | 99  | -98 | -96 | -95 | -97 | 99  | 99  | -88 | -70 | -52 | -41 | -33 | -26 | -26 | -24 | -23 | -21 | -19 | -18 | -16 | -14 | -12 | -10 | -9  | -8  | -7 | -6 | -6 | -5 | -5 | -5 | -5 |    |
| 16 | -16 | -19 | -24 | -28 | -33 | -41 | -46 | 99  | 99  | -97 | -97 | -92 | -96 | -98 | 99  | -78 | -88 | -71 | -57 | -48 | -42 | -38 | -34 | -31 | -28 | -25 | -22 | -20 | -17 | -15 | -13 | -11 | -10 | -8 | -7 | -7 | -6 | -5 | -5 | -5 |    |
| 14 | -18 | -22 | -27 | -33 | -41 | -51 | -60 | 99  | 99  | -99 | -99 | -99 | -71 | -95 | 99  | -68 | -90 | -86 | -72 | -62 | -55 | -49 | -44 | -39 | -34 | -30 | -26 | -22 | -19 | -17 | -14 | -12 | -11 | -9 | -8 | -7 | -6 | -5 | -5 | -4 |    |
| 12 | -20 | -25 | -30 | -37 | -46 | -58 | -69 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | -44 | -64 | -76 | -81 | -76 | -68 | -58 | -50 | -42 | -36 | -31 | -26 | -22 | -19 | -17 | -14 | -12 | -10 | -9 | -7 | -6 | -5 | -4 | -4 | -4 |    |
| 10 | -22 | -26 | -32 | -40 | -51 | -64 | -80 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 90  | 18  | -31 | -68 | -89 | -76 | -60 | -48 | -39 | -32 | -26 | -21 | -18 | -15 | -12 | -10 | -9  | -8  | -7 | -6 | -6 | 99 | 99 | 99 | 99 |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

TOESTAND A

# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |          |    |    |     |     |     |     |          |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |   |   |   |
|----|----|----|----|----|----|----|----|----|----|----|----------|----|----|-----|-----|-----|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|
| 42 | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 4  | 3  | 2        | 2  | 0  | 0   | 0   | 0   | 0   | -2       | -3  | -3  | -4  | -4  | -5  | -5  | -5  | -6  | -5  | -5  | -5  | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -2 |    |    |   |   |   |
| 40 | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 5  | 5  | 4  | 3        | 2  | 0  | 0   | 0   | 0   | 0   | -2       | -2  | -3  | -3  | -4  | -4  | -4  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -2 | -2 |   |   |   |
| 38 | 5  | 6  | 6  | 7  | 7  | 7  | 7  | 6  | 5  | 4  | 3        | 2  | 0  | 0   | 0   | 0   | 0   | -2       | -3  | -3  | -4  | -4  | -4  | -4  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | 0  |   |   |   |
| 36 | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 7  | 6  | 5  | 3        | 2  | 0  | 0   | 0   | 0   | 0   | -2       | -3  | -4  | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  |   |   |   |
| 34 | 6  | 7  | 8  | 9  | 9  | 9  | 9  | 7  | 6  | 4  | 2        | 0  | 0  | 0   | 0   | 0   | 0   | -2       | -3  | -4  | -5  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -5  | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | 0  | 0 | 0 |   |
| 32 | 7  | 8  | 9  | 10 | 11 | 12 | 11 | 10 | 8  | 7  | 4        | 2  | 0  | 0   | 0   | 0   | 0   | -3       | -4  | -5  | -6  | -7  | -7  | -7  | -7  | -7  | -7  | -7  | -6  | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | 0  | 0 | 0 |   |
| 30 | 8  | 10 | 11 | 13 | 14 | 14 | 14 | 13 | 11 | 8  | 4        | 0  | 0  | 0   | 0   | 0   | 0   | -3       | -4  | -5  | -6  | -7  | -8  | -8  | -8  | -8  | -8  | -8  | -7  | -7 | -6 | -6 | -5 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0 | 0 |   |
| 28 | 9  | 11 | 13 | 15 | 17 | 18 | 19 | 17 | 14 | 10 | 4        | 0  | 0  | 0   | 0   | 0   | 0   | -2       | -5  | -6  | -7  | -8  | -9  | -9  | -10 | -10 | -9  | -9  | -9  | -8 | -8 | -7 | -6 | -5 | -4 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0 | 0 |   |
| 26 | 10 | 12 | 15 | 18 | 21 | 23 | 24 | 21 | 16 | 13 | 4        | 0  | 0  | 0   | 0   | 0   | 0   | -5       | -7  | -9  | -10 | -11 | -12 | -12 | -12 | -12 | -11 | -11 | -10 | -9 | -8 | -7 | -6 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0 | 0 | 0 |
| 24 | 11 | 13 | 16 | 20 | 24 | 28 | 30 | 25 | 16 | 19 | 3        | -3 | -9 | -11 | -13 | -13 | -14 | -15      | -15 | -15 | -15 | -15 | -14 | -13 | -12 | -11 | -9  | -8  | -7  | -6 | -5 | -4 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |   |
| 22 | 10 | 13 | 17 | 21 | 27 | 33 | 37 | 28 | 11 | 41 | 99       | 22 | 17 | 16  | 17  | 17  | 17  | 18       | 19  | 19  | 18  | 17  | 16  | 14  | 13  | 11  | -9  | -8  | -7  | -5 | -4 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |   |
| 20 | 10 | 12 | 16 | 21 | 30 | 38 | 48 | 33 | 99 | 99 | 44       | 3  | 99 | 38  | 21  | 14  | 18  | 21       | 22  | 22  | 21  | 20  | 18  | 16  | 14  | 13  | 11  | -9  | -7  | -6 | -5 | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |   |   |
| 18 | 8  | 11 | 15 | 20 | 29 | 42 | 63 | 99 | 99 | 38 | 77***144 | 99 | 99 | 42  | 15  | 24  | 26  | 25       | 24  | 22  | 20  | 17  | 15  | 13  | 11  | -9  | -8  | -6  | -5  | -4 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |   |
| 16 | 7  | 9  | 12 | 17 | 23 | 37 | 57 | 99 | 99 | 98 | 133-97   | 12 | 11 | 51  | 99  | 94  | 7   | 29       | 31  | 30  | 26  | 23  | 20  | 17  | 14  | 12  | 10  | -8  | -7  | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |   |
| 14 | 5  | 6  | 8  | 11 | 17 | 27 | 48 | 99 | 99 | 26 | 53       | 18 | 59 | 60  | 71  | 99  | 117 | 143      | 62  | 46  | 37  | 29  | 23  | 18  | 14  | 11  | -9  | -7  | -6  | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |   |   |
| 12 | 3  | 3  | 5  | 7  | 11 | 18 | 27 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 137 | 172***93 | 52  | 30  | 19  | 12  | -8  | -6  | -5  | -4  | -3  | -2  | -2  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |   |   |
| 10 | 0  | 0  | 2  | 3  | 5  | 9  | 26 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 176 | 189***82 | 18  | -8  | -4  | -3  | -2  | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 |   |   |   |
|    | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 99  | 99       | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |   |   |
|    | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 99  | 99       | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |   |   |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 99  | 99       | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |   |   |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99       | 99 | 99 | 99  | 99  | 99  | 99  | 99       | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |   |   |   |

TOESTAND A

B I J L A G E    10

Model met mazen van 500 m.  
Hydrodynamische wijzigingen.  
Toestand B t.o.v. referentie-  
toestand.

# AANGEPASTE DIEPTEN IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 11 | 11 | 12 | 12 | 13 | 14 | 16 | 17 | 16 | 16 | 16 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |    |    |
| 40 | 11 | 11 | 11 | 12 | 12 | 12 | 14 | 17 | 15 | 13 | 13 | 14 | 15 | 15 | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 6  | 4  | 4  |    |    |    |
| 38 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 16 | 17 | 13 | 11 | 11 | 11 | 13 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 14 | 14 | 13 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |    |    |
| 36 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 15 | 17 | 15 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |    |    |
| 34 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 17 | 16 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 14 | 12 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 9  | 10 | 10 | 10 |    |    |
| 32 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 15 | 17 | 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 14 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  | 8  |    |    |
| 30 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 14 | 17 | 16 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 14 | 13 | 13 | 11 | 10 | 10 | 11 | 11 | 11 |    |    |
| 28 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 12 | 16 | 17 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |    |    |
| 26 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 14 | 17 | 15 | 13 | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 15 | 14 | 14 | 14 | 14 |    |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 12 | 17 | 17 | 12 | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 15 |    |
| 22 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 10 | 15 | 17 | 14 | 10 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |    |
| 20 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 11 | 11 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |    |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 12 | 12 | 11 | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 13 |    |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 12 | 11 | 13 | 13 | 12 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 |    |    |
| 14 | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 7  | 12 | 99 | 99 | 99 | 13 | 13 | 8  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |    |
| 12 | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 5  | 99 | 99 | 99 | 99 | 99 | 99 | 9  | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  | 7  |
| 10 | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 1  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 1  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 3  | 4  | 4  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 3  | 99 | 99 | 99 | 99 |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND 8



## TIJD : MAXIMUM EB

[illegible]

A.10.2.

TIJD : MAXIMUM EB

[illegible]

TOESTAND B

## TIJD : MAXIMUM EB

[illegible]

TOESTAND B

## TIJD : MAXIMUM EB

[illegible]

TOESTAND B

## TIJD : LAAGWATER

[illegible]

A.10.6.

## TIJD : LAAGWATER

[illegible]

A.10.7.

## TIJD : LAAGWATER

[illegible]

A.10.8.



## TIJD : LAAGWATER

TOESTAND B

## TIJD : MAXIMUM VLOED

TOESTAND B

TIJD : MAXIMUM VLOED

TOESTAND B

## TIJD : MAXIMUM VLOED

TOESTAND B

## TIJD : MAXIMUM VLOED

TOESTAND 8

## TIJD : HOOGWATER

[illegible]

A.10.14.

## TIJD : HOOGWATER

TOESTAND B

## TIJD : HOOGWATER

TOESTAND B



## TIJD : HOOGWATER

[illegible]

A.10.17.

B I J L A G E 11

Model met mazen van 500 m.  
Hydrodynamische wijzigingen.  
Toestand C t.o.v. referentie-  
toestand.

# AANGEPASTE DIEPTEN IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 11 | 11 | 12 | 12 | 13 | 14 | 16 | 17 | 16 | 16 | 16 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |    |
| 40 | 11 | 11 | 11 | 12 | 12 | 12 | 14 | 17 | 15 | 13 | 13 | 14 | 15 | 15 | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 6  | 4  | 4  |    |    |
| 38 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 16 | 17 | 13 | 11 | 11 | 11 | 13 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 14 | 14 | 13 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |    |
| 36 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 15 | 17 | 15 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |    |
| 34 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 17 | 16 | 12 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 14 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 9  | 10 | 10 | 10 |    |    |
| 32 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 15 | 17 | 14 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 14 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  | 8  |    |    |
| 30 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 14 | 17 | 16 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 14 | 13 | 13 | 11 | 10 | 10 | 11 | 11 | 11 |    |    |
| 28 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 12 | 16 | 17 | 12 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |    |    |
| 26 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 14 | 17 | 15 | 13 | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 15 | 14 | 14 | 14 | 14 |    |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 12 | 17 | 17 | 12 | 3  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 15 |    |
| 22 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 10 | 99 | 17 | 14 | 10 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |    |
| 20 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 99 | 99 | 17 | 17 | 99 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 99 | 99 | 17 | 17 | 17 | 17 | 99 | 99 | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 13 |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 99 | 99 | 17 | 17 | 17 | 17 | 17 | 99 | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 |    |    |
| 14 | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 99 | 99 | 17 | 17 | 17 | 17 | 17 | 99 | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |    |
| 12 | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  | 7  |    |
| 10 | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 0  | 1  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  | 4  | 4  | 5  | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 6  | 3  | 99 | 99 | 99 | 99 |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |

TOESTAND C

## TIJD : MAXIMUM EB

TOESTAND C

## TIJD : MAXIMUM EB

TOESTAND C

## TIJD : MAXIMUM EB

TOESTAND C

## TIJD : MAXIMUM EB

TOESTAND C

## TIJD : LAAGWATER

TOESTAND C



## TIJD : LAAGWATER

TOESTAND C

## TIJD : LAAGWATER

TOESTAND C

## TIJD : LAAGWATER

TOESTAND C

## TIJD : MAXIMUM VLOED

TOESTAND C

SNELHEIDSTOENAME (CM/S)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 2   | 3   | 0   | -2  | 0   | 4     | 7   | 9   | 10  | 10  | 10  | 10  | 8   | 7   | 6   | 5   | 5   | 4   | 3   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -2 |    |    |    |    |
| 40 | 0   | 0   | 0   | 0   | 3   | 3   | 0   | -6  | -2  | 4     | 8   | 10  | 11  | 11  | 11  | 12  | 11  | 10  | 9   | 8   | 8   | 6   | 4   | 3   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | -2 | -2 | -2 | -2 | -3 |    |    |
| 38 | 0   | 0   | 0   | 0   | 3   | 4   | 0   | -6  | -6  | 0     | 8   | 11  | 12  | 11  | 11  | 12  | 12  | 11  | 10  | 10  | 9   | 7   | 5   | 4   | 4   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -2 | -3 | -3 | -3 |    |
| 36 | 0   | 0   | 0   | 0   | 3   | 5   | 2   | -4  | -7  | -2    | 7   | 12  | 12  | 11  | 11  | 11  | 11  | 10  | 10  | 9   | 9   | 8   | 6   | 5   | 5   | 4   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -2 | -3 | -3 | -3 | -4 |    |
| 34 | -2  | -2  | 0   | 0   | 2   | 5   | 5   | 0   | -5  | -3    | 4   | 12  | 14  | 14  | 13  | 12  | 11  | 10  | 9   | 8   | 8   | 7   | 5   | 5   | 5   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -2 | -3 | -3 | -3 | -4 |    |
| 32 | -3  | -3  | -2  | 0   | 2   | 5   | 8   | 5   | 0   | -3    | 2   | 12  | 17  | 16  | 15  | 14  | 12  | 11  | 9   | 8   | 7   | 5   | 4   | 4   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -3 | -3 | -3 | -3 | -4 |    |
| 30 | -4  | -4  | -3  | 0   | 0   | 6   | 11  | 12  | 5   | 0     | 2   | 12  | 19  | 19  | 18  | 16  | 14  | 12  | 9   | 7   | 5   | 4   | 2   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2 | -3 | -3 | -3 | -4 | -4 | -4 |    |
| 28 | -5  | -5  | -4  | 0   | 2   | 7   | 15  | 19  | 14  | 6     | 6   | 13  | 20  | 22  | 22  | 19  | 16  | 13  | 10  | 7   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -2 | -3 | -4 | -4 | -5 |    |
| 26 | -7  | -7  | -6  | -3  | 0   | 8   | 18  | 27  | 23  | 13    | 12  | 14  | 19  | 27  | 28  | 22  | 18  | 14  | 10  | 7   | 4   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -2  | -2  | -3  | -3  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -5 | -5 |
| 24 | -9  | -9  | -8  | -6  | -2  | 6   | 20  | 27  | 14  | 0     | -6  | 0   | 11  | 22  | 25  | 21  | 17  | 13  | 9   | 5   | 2   | 0   | 0   | -2  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -5 | -5 |
| 22 | -10 | -11 | -11 | -11 | -8  | 0   | 16  | 3   | -38 | -75   | 99  | -75 | -52 | -15 | 0   | 8   | 9   | 7   | 4   | 0   | 0   | -2  | -4  | -4  | -5  | -5  | -5  | -4  | -4  | -4  | -3  | -3  | -3  | -3  | -3 | -3 | -3 | -4 | -4 | -5 | -5 | -5 |
| 20 | -13 | -15 | -15 | -18 | -19 | -13 | 0   | -66 | 99  | 99    | *** | -92 | 99  | -84 | -56 | -24 | -10 | -6  | -5  | -6  | -7  | -8  | -8  | -8  | -7  | -7  | -6  | -5  | -4  | -4  | -3  | -3  | -3  | -3  | -3 | -4 | -4 | -5 | -5 | -5 | -5 |    |
| 18 | -15 | -18 | -21 | -25 | -27 | -23 | -25 | 99  | 99  | ***** | -98 | *** | 99  | 99  | -91 | -54 | -35 | -25 | -20 | -17 | -16 | -14 | -13 | -11 | -10 | -9  | -7  | -6  | -5  | -4  | -3  | -3  | -3  | -3  | -4 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 16 | -17 | -20 | -25 | -30 | -35 | -42 | -46 | 99  | 99  | -93   | -85 | -84 | -94 | *** | 99  | *** | -82 | -59 | -45 | -36 | -30 | -26 | -22 | -18 | -16 | -13 | -11 | -9  | -7  | -6  | -5  | -4  | -3  | -3  | -4 | -6 | -8 | -7 | -6 | -5 |    |    |
| 14 | -18 | -22 | -26 | -32 | -39 | -46 | -50 | 99  | 99  | ***** | -11 | -33 | 99  | -79 | -79 | -66 | -56 | -47 | -39 | -33 | -27 | -22 | -18 | -15 | -12 | -10 | -8  | -6  | -5  | -4  | -3  | -3  | -4  | -8  | -8 | -6 | -4 | -3 |    |    |    |    |
| 12 | -19 | -22 | -27 | -32 | -37 | -42 | -40 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -37 | -50 | -53 | -50 | -46 | -40 | -35 | -30 | -25 | -22 | -19 | -16 | -13 | -11 | -9  | -7  | -5  | -4  | -3  | -3 | -7 | 0  | 2  | 3  | 3  |    |    |
| 10 | -15 | -17 | -21 | -25 | -27 | -28 | -25 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -5  | -16 | -32 | -36 | -36 | -34 | -32 | -29 | -28 | -27 | -26 | -24 | -22 | -21 | -19 | -17 | -15 | -14 | -11 | -6 | -5 | 99 | 99 | 99 | 99 |    |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

TOESTAND C

A.11.11.

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |     |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 2   | 2   | 0   | -2  | 0   | 4   | 7  | 9   | 10  | 10  | 10  | 10  | 10  | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3  |    |    |    |    |
| 40 | 0   | 0   | 0   | 0   | 3   | 3   | 0   | -6  | -2  | 4   | 8  | 10  | 11  | 11  | 11  | 12  | 11  | 10  | 9   | 8   | 8   | 6   | 4   | 3   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3  | -3 | -3 |    |    |
| 38 | 0   | 0   | 0   | 0   | 3   | 4   | 0   | -6  | -6  | 0   | 8  | 11  | 11  | 10  | 11  | 11  | 11  | 10  | 10  | 9   | 8   | 7   | 5   | 4   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -3 | -3  | -3 | -4 |    |    |
| 36 | -2  | 0   | 0   | 0   | 3   | 5   | 2   | -4  | -7  | -2  | 7  | 12  | 12  | 11  | 11  | 11  | 11  | 9   | 9   | 9   | 8   | 7   | 6   | 5   | 4   | 4   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -3 | -3  | -4 | -4 |    |    |
| 34 | -2  | -2  | 0   | 0   | 3   | 5   | 5   | 0   | -5  | -3  | 4  | 12  | 14  | 13  | 12  | 12  | 11  | 9   | 9   | 8   | 7   | 6   | 5   | 4   | 5   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -3 | -3  | -3 | -4 |    |    |
| 32 | -3  | -3  | -2  | 0   | 2   | 5   | 8   | 5   | 0   | -3  | 2  | 11  | 16  | 15  | 14  | 13  | 12  | 10  | 9   | 7   | 6   | 5   | 4   | 3   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -3 | -3  | -3 | -4 |    |    |
| 30 | -5  | -4  | -3  | 0   | 2   | 6   | 11  | 12  | 5   | 0   | 2  | 12  | 18  | 13  | 17  | 15  | 13  | 11  | 9   | 7   | 5   | 3   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3 | -3  | -4 | -4 |    |    |
| 28 | -6  | -5  | -4  | 0   | 2   | 7   | 15  | 20  | 14  | 6   | 6  | 13  | 19  | 21  | 20  | 18  | 15  | 12  | 9   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3  | -4 | -4 | -4 |    |
| 26 | -8  | -7  | -6  | -3  | 0   | 8   | 19  | 28  | 24  | 14  | 13 | 14  | 18  | 26  | 27  | 21  | 17  | 13  | 9   | 6   | 4   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -2  | -3  | -3 | -3  | -4 | -4 |    |    |
| 24 | -9  | -9  | -9  | -7  | -2  | 6   | 21  | 28  | 14  | 0   | -6 | 0   | 10  | 21  | 24  | 20  | 17  | 13  | 9   | 5   | 2   | 0   | 0   | -2  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -3  | -4 | -4 | -4 |    |
| 22 | -11 | -12 | -12 | -12 | -8  | 0   | 17  | 3   | -37 | -72 | 99 | -76 | -51 | -14 | 0   | 7   | 9   | 7   | 4   | 0   | 0   | -2  | -4  | -4  | -5  | -5  | -4  | -4  | -4  | -4  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -3  | -4 | -4 | -4 |    |
| 20 | -14 | -15 | -17 | -19 | -20 | -13 | 0   | -64 | 99  | 99  | 99 | 99  | -90 | 99  | -79 | -51 | -23 | -9  | -5  | -5  | -6  | -7  | -8  | -8  | -8  | -8  | -7  | -6  | -5  | -4  | -4  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -4 | -4  | -4 | -4 |    |    |
| 18 | -16 | -19 | -22 | -26 | -29 | -30 | -26 | 99  | 99  | 99  | 99 | -98 | -92 | 99  | 99  | 99  | -81 | -50 | -33 | -24 | -20 | -18 | -16 | -15 | -13 | -12 | -10 | -9  | -7  | -6  | -5  | -4  | -3  | -3  | -3  | -3  | -4  | -5  | -5 | -5  | -4 |    |    |    |
| 16 | -18 | -22 | -27 | -32 | -37 | -45 | -49 | 99  | 99  | 99  | 99 | -98 | -94 | 99  | 99  | 99  | 99  | -94 | -75 | -57 | -45 | -37 | -31 | -26 | -22 | -19 | -16 | -13 | -11 | -9  | -8  | -6  | -5  | -4  | -3  | -3  | -4  | -6  | -7 | -6  | -5 | -4 |    |    |
| 14 | -19 | -23 | -28 | -35 | -43 | -54 | -63 | 99  | 99  | 99  | 99 | -99 | -99 | 99  | 99  | 99  | 99  | 99  | -90 | -87 | -73 | -61 | -51 | -42 | -35 | -28 | -23 | -19 | -15 | -12 | -10 | -8  | -6  | -5  | -4  | -3  | -3  | -4  | -7 | -7  | -5 | -4 | -3 |    |
| 12 | -21 | -25 | -30 | -37 | -46 | -58 | -72 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | -87 | -86 | -81 | -70 | -59 | -48 | -40 | -32 | -26 | -22 | -18 | -15 | -13 | -11 | -9  | -7  | -5  | -4  | -3  | -3  | -7 | 0   | 2  | 4  | 4  |    |
| 10 | -20 | -24 | -30 | -37 | -48 | -61 | -80 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | -54 | -69 | -89 | -76 | -61 | -51 | -43 | -37 | -33 | -31 | -29 | -27 | -25 | -23 | -21 | -18 | -17 | -15 | -14 | -9 | -13 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99 | 99 | 99 |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99 | 99 | 99 |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99 | 99 | 99 |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99 | 99 | 99 | 99 |

TOESTAND C

## TIJD : MAXIMUM VLOED

TOESTAND C

## TIJD : HOOGWATER

TOESTAND C



# SNELHEIDSTOENAME (CM/S)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| 42 | 2   | 0   | 0   | 2   | 0   | 0   | -3  | -3  | 0   | 5     | 8   | 9   | 10  | 10  | 10  | 11  | 10  | 8   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3 | -3 | -3 | -3 | -3 |    |    |    |
| 40 | 2   | 2   | 2   | 3   | 4   | 3   | -2  | -7  | -2  | 5     | 8   | 9   | 10  | 10  | 10  | 11  | 11  | 10  | 8   | 8   | 7   | 5   | 4   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2 | -3 | -3 | -3 | -3 | -4 | -4 |    |    |
| 38 | 0   | 0   | 2   | 3   | 5   | 6   | 0   | -6  | -6  | 0     | 9   | 11  | 10  | 9   | 9   | 9   | 10  | 9   | 9   | 9   | 8   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2 | -3 | -3 | -3 | -3 | -4 | -4 |    |    |
| 36 | 0   | 0   | 2   | 3   | 5   | 7   | 4   | -2  | -7  | 0     | 7   | 12  | 11  | 10  | 9   | 9   | 8   | 7   | 7   | 7   | 7   | 6   | 5   | 4   | 4   | 4   | 2   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3 | -3 | -3 | -4 | -4 | -4 |    |    |
| 34 | 0   | 0   | 0   | 2   | 4   | 7   | 7   | 0   | -4  | -3    | 4   | 12  | 13  | 11  | 10  | 9   | 8   | 7   | 6   | 6   | 5   | 5   | 4   | 3   | 4   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2 | -3 | -3 | -3 | -3 | -4 | -4 |    |    |
| 32 | 0   | 0   | 0   | 2   | 4   | 7   | 10  | 7   | 0   | -2    | 2   | 11  | 14  | 13  | 11  | 10  | 8   | 7   | 5   | 4   | 4   | 3   | 2   | 2   | 2   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |    |
| 30 | 0   | 0   | 0   | 3   | 5   | 9   | 14  | 13  | 6   | 0     | 2   | 10  | 16  | 15  | 13  | 11  | 9   | 7   | 5   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -3 | -3 | -4 | -4 | -4 | -4 | -4 |    |    |
| 28 | 0   | 0   | 0   | 3   | 6   | 11  | 18  | 21  | 14  | 5     | 4   | 9   | 14  | 15  | 14  | 11  | 9   | 7   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2  | -2 | -2 | -2 | -3 | -3 | -4 | -4 | -5 | -5 |
| 26 | -2  | -2  | 0   | 2   | 6   | 13  | 22  | 27  | 19  | 6     | 2   | 4   | 7   | 14  | 15  | 11  | 9   | 7   | 5   | 3   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -5 | -5 |    |
| 24 | -3  | -3  | 0   | 0   | 4   | 12  | 23  | 24  | 5   | -14   | -27 | -22 | -11 | 0   | 4   | 4   | 4   | 3   | 2   | 0   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -3  | -3  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -5 |    |
| 22 | -5  | -5  | -5  | -4  | 0   | 6   | 19  | 0   | -39 | -68   | 99  | 99  | -71 | -52 | -31 | -19 | -12 | -7  | -4  | -3  | -3  | -4  | -4  | -5  | -5  | -5  | -5  | -5  | -4  | -4  | -4  | -4  | -3  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |
| 20 | -8  | -9  | -9  | -10 | -10 | -4  | 5   | -56 | 99  | 99    | -86 | -82 | 99  | -75 | -31 | -43 | -28 | -19 | -14 | -11 | -10 | -10 | -9  | -9  | -8  | -8  | -7  | -6  | -5  | -4  | -4  | -3  | -3  | -3  | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |    |
| 18 | -10 | -12 | -14 | -17 | -18 | -18 | -17 | 99  | 99  | -91   | -85 | -80 | -80 | 99  | 99  | -76 | -57 | -41 | -30 | -24 | -20 | -18 | -16 | -15 | -13 | -12 | -10 | -9  | -7  | -6  | -5  | -4  | -3  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |
| 16 | -12 | -14 | -18 | -22 | -26 | -31 | -35 | 99  | 99  | -66   | -56 | -54 | -60 | -67 | 99  | -53 | -71 | -56 | -45 | -37 | -31 | -27 | -24 | -21 | -19 | -16 | -14 | -12 | -10 | -8  | -6  | -5  | -4  | -4  | -5 | -6 | -6 | -6 | -5 | -4 |    |    |    |
| 14 | -13 | -16 | -20 | -25 | -30 | -35 | -38 | 99  | 99  | ***** | -5  | -21 | 99  | -38 | -52 | -57 | -50 | -44 | -39 | -35 | -30 | -27 | -23 | -20 | -17 | -14 | -11 | -9  | -7  | -6  | -5  | -4  | -5  | -7  | -6 | -4 | -2 | 0  |    |    |    |    |    |
| 12 | -14 | -17 | -21 | -25 | -29 | -32 | -30 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | -10 | -19 | -29 | -38 | -42 | -41 | -37 | -33 | -29 | -26 | -22 | -19 | -16 | -14 | -11 | -9  | -7  | -6  | -4  | -4 | -6 | 0  | 2  | 4  | 5  |    |    |    |
| 10 | -11 | -14 | -17 | -20 | -22 | -23 | -19 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 3   | 4   | -2  | -14 | -29 | -34 | -31 | -29 | -27 | -25 | -23 | -21 | -19 | -18 | -16 | -15 | -14 | -12 | -10 | -6 | -4 | 99 | 99 | 99 | 99 |    |    |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |    |    |

TOESTAND C

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 2   | 0   | 0   | 2   | 0   | 0   | -4  | -4  | 0   | 6   | 9   | 11  | 12  | 12 | 12 | 13  | 12 | 10 | 9  | 8  | 7  | 5  | 4  | 2  | 2  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -3 | -4 | -4 | -5 | -5 | -6 | -6 |    |    |
| 40 | 2   | 2   | 3   | 4   | 5   | 3   | -3  | -8  | -3  | 5   | 9   | 10  | 12  | 11 | 12 | 12  | 12 | 11 | 10 | 9  | 8  | 6  | 4  | 3  | 2  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -3 | -4 | -4 | -4 | -5 | -5 | -6 | -6 |    |
| 38 | 0   | 2   | 3   | 4   | 6   | 7   | 0   | -7  | -7  | 2   | 10  | 12  | 12  | 11 | 10 | 11  | 11 | 11 | 10 | 10 | 9  | 7  | 6  | 5  | 4  | 3  | 0  | 0  | 0  | 0  | -2 | -3 | -3 | -3 | -4 | -4 | -5 | -5 | -6 | -6 |    |
| 36 | 0   | 0   | 2   | 4   | 6   | 8   | 5   | -3  | -8  | -2  | 8   | 13  | 13  | 11 | 10 | 10  | 9  | 9  | 8  | 8  | 8  | 7  | 6  | 5  | 5  | 4  | 3  | 0  | 0  | 0  | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -5 | -5 | -6 |    |
| 34 | 0   | 0   | 0   | 3   | 5   | 8   | 8   | 2   | -5  | -4  | 5   | 13  | 14  | 13 | 12 | 10  | 9  | 8  | 7  | 7  | 6  | 6  | 5  | 4  | 5  | 5  | 3  | 0  | 0  | 0  | -2 | -2 | -3 | -3 | -4 | -4 | -4 | -5 | -5 | -6 |    |
| 32 | 0   | 0   | 0   | 2   | 5   | 9   | 12  | 8   | 0   | -3  | 2   | 12  | 16  | 15 | 13 | 11  | 10 | 8  | 6  | 5  | 4  | 3  | 2  | 2  | 3  | 3  | 2  | 0  | 0  | 0  | 0  | -2 | -3 | -3 | -4 | -4 | -4 | -5 | -5 | -5 |    |
| 30 | 0   | 0   | 0   | 3   | 6   | 11  | 16  | 16  | 8   | 0   | 2   | 12  | 18  | 16 | 14 | 12  | 10 | 8  | 6  | 4  | 3  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -3 | -3 | -4 | -4 | -5 | -5 | -6 |    |    |
| 28 | 0   | 0   | 0   | 3   | 8   | 14  | 21  | 26  | 18  | 7   | 5   | 11  | 16  | 18 | 16 | 13  | 10 | 8  | 6  | 4  | 2  | 0  | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -4 | -5 | -5 | -5 |
| 26 | -3  | -2  | 0   | 2   | 7   | 16  | 26  | 33  | 23  | 8   | 3   | 4   | 9   | 17 | 18 | 13  | 11 | 8  | 6  | 3  | 0  | 0  | 0  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -5 | -5 |
| 24 | -4  | -3  | -2  | 0   | 5   | 14  | 28  | 28  | 7   | -17 | -34 | -28 | -13 | 0  | 5  | 5   | 5  | 4  | 3  | 0  | 0  | 0  | -2 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 |    |
| 22 | -6  | -5  | -5  | -5  | 0   | 8   | 23  | 0   | -46 | -78 | 99  | 99  | 64  | 37 | 22 | 14  | -3 | -5 | -4 | -4 | -5 | -5 | -6 | -6 | -7 | -6 | -6 | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 20 | -9  | -10 | -11 | -13 | -12 | -6  | 6   | -64 | 99  | 99  | 97  | 97  | 99  | 87 | 70 | 50  | 33 | 23 | 17 | 14 | 13 | 13 | 12 | 12 | 11 | 10 | -9 | -8 | -7 | -6 | -5 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| 18 | -12 | -14 | -17 | -20 | -22 | -23 | -21 | 99  | 99  | 99  | 97  | 95  | 98  | 99 | 99 | 88  | 68 | 49 | 38 | 31 | 26 | 23 | 21 | 19 | 18 | 16 | 14 | 12 | 10 | -8 | -6 | -5 | -5 | -4 | -4 | -5 | -5 | -5 | -5 | -4 |    |
| 16 | -15 | -18 | -23 | -27 | -32 | -40 | -45 | 99  | 99  | 98  | 98  | 95  | 97  | 93 | 99 | 79  | 89 | 72 | 58 | 49 | 42 | 37 | 32 | 28 | 25 | 22 | 19 | 16 | 13 | 11 | -9 | -7 | -6 | -5 | -6 | -7 | -7 | -7 | -6 | -5 |    |
| 14 | -17 | -21 | -26 | -32 | -40 | -50 | -60 | 99  | 99  | 99  | 99  | 99  | 80  | 97 | 99 | 69  | 85 | 39 | 76 | 66 | 58 | 50 | 43 | 36 | 31 | 26 | 22 | 18 | 15 | 12 | 10 | -8 | -7 | -6 | -6 | -8 | -7 | -5 | -3 | 0  |    |
| 12 | -19 | -23 | -29 | -36 | -46 | -57 | -69 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 44  | 56 | 70 | 81 | 81 | 72 | 61 | 51 | 42 | 36 | 30 | 25 | 22 | 18 | 15 | 12 | 10 | -8 | -6 | -5 | -8 | 0  | 4  | 7  | 9  |    |
| 10 | -21 | -25 | -31 | -39 | -50 | -64 | -80 | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 117 | 43 | 15 | 57 | 87 | 83 | 68 | 55 | 47 | 41 | 37 | 33 | 30 | 27 | 25 | 22 | 20 | 19 | 17 | 13 | 16 | 99 | 99 | 99 | 99 |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND C

## TIJD : HOOGWATER

TOESTAND C

B I J L A G E    12

Model met mazen van 500 m.  
Hydrodynamische wijzigingen.  
Toestand D t.o.v. referentie-  
toestand.

# AANGEPASTE DIEPTEN IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 11 | 11 | 12 | 12 | 12 | 12 | 14 | 15 | 14 | 14 | 16 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |    |
| 40 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 15 | 13 | 12 | 13 | 14 | 15 | 16 | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 6  | 4  | 4  |    |    |    |
| 38 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 14 | 15 | 11 | 11 | 11 | 11 | 13 | 13 | 14 | 15 | 15 | 15 | 15 | 15 | 14 | 14 | 13 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |    |    |
| 36 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 15 | 13 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 |    |    |
| 34 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 15 | 14 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 14 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 9  | 10 | 10 | 10 |    |    |
| 32 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 13 | 15 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 14 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  | 8  |    |    |    |
| 30 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 12 | 15 | 14 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 14 | 13 | 12 | 11 | 10 | 10 | 11 | 11 | 11 |    |    |    |
| 28 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 10 | 14 | 15 | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |    |    |    |
| 26 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 13 | 15 | 13 | 12 | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 15 | 14 | 14 | 14 | 14 | 14 |    |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 10 | 15 | 15 | 10 | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 15 |    |
| 22 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 15 | 13 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 |
| 20 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 15 | 15 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 9  | 9  | 15 | 15 | 15 | 15 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 | 13 |    |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 9  | 9  | 15 | 15 | 15 | 15 | 15 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 |    |    |    |
| 14 | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 9  | 9  | 15 | 15 | 15 | 15 | 15 | 9  | 9  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |    |
| 12 | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  | 7  |
| 10 | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 2  | 3  | 5  | 5  | 5  | 5  | 6  | 5  | 5  | 5  | 6  | 6  | 6  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 5  | 9  | 9  | 9  | 9  |    |
| 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |
| 6  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
| 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
| 2  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |

TOESTAND D

## TIJD : MAXIMUM EB

[illegible]

TOE STAND D

## TIJD : MAXIMUM EB

TOESTAND D

## TIJD : MAXIMUM EB

TOESTAND D



## TIJD : MAXIMUM EB

TOESTAND D

## TIJD : LAAGWATER

TOE STAND D

## TIJD : LAAGWATER

[illegible]

TOESTAND O

## TIJD : LAAGWATER

TCE STAND D

## TIJD : LAAGWATER

[illegible]

A.12.9.

## TIJD : MAXIMUM VLOED

TOESTAND D

SNELHEIDSTOENAME (CM/S)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |    |    |    |    |    |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 2   | 2   | 0   | 0   | 4   | 7   | 6  | 6   | 8   | 8   | 9   | 9   | 9   | 7   | 6  | 5  | 5  | 4  | 3  | 2   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 |    |    |
| 40 | 0   | 0   | 0   | 0   | 2   | 4   | 2   | 0   | 0   | 7   | 7  | 8   | 10  | 10  | 10  | 11  | 10  | 9   | 8  | 7  | 6  | 5  | 3  | 2   | 0   | 0   | 0   | 0  | 0  | 0  | 0  | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 |    |
| 38 | 0   | 0   | 0   | 0   | 3   | 5   | 3   | 0   | 0   | 5   | 9  | 10  | 11  | 10  | 10  | 11  | 11  | 10  | 10 | 9  | 8  | 6  | 4  | 3   | 2   | 0   | 0   | 0  | 0  | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 |    |    |
| 36 | -2  | 0   | 0   | 0   | 3   | 5   | 5   | 0   | 0   | 3   | 10 | 12  | 12  | 11  | 11  | 11  | 11  | 10  | 9  | 9  | 8  | 7  | 5  | 4   | 3   | 3   | 0   | 0  | 0  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |    |
| 34 | -2  | -2  | 0   | 0   | 2   | 5   | 7   | 5   | 0   | 2   | 9  | 14  | 14  | 14  | 13  | 12  | 11  | 10  | 9  | 8  | 7  | 6  | 5  | 4   | 4   | 4   | 0   | 0  | 0  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |    |
| 32 | -3  | -3  | -2  | 0   | 2   | 5   | 9   | 9   | 6   | 4   | 8  | 15  | 17  | 16  | 15  | 14  | 12  | 11  | 9  | 7  | 6  | 4  | 3  | 2   | 3   | 2   | 0   | 0  | 0  | -2 | -2 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |
| 30 | -4  | -4  | -3  | 0   | 0   | 6   | 11  | 14  | 12  | 7   | 9  | 17  | 21  | 19  | 18  | 16  | 13  | 11  | 9  | 6  | 4  | 3  | 0  | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |
| 28 | -5  | -5  | -4  | 0   | 0   | 7   | 14  | 21  | 20  | 14  | 14 | 20  | 23  | 23  | 21  | 18  | 15  | 12  | 9  | 6  | 2  | 0  | 0  | 0   | 0   | 0   | -2  | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 |    |    |
| 26 | -7  | -7  | -6  | -3  | 0   | 8   | 18  | 28  | 27  | 21  | 20 | 21  | 24  | 28  | 27  | 21  | 17  | 13  | 9  | 5  | 2  | 0  | 0  | -2  | -3  | -4  | -4  | -4 | -5 | -4 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |    |
| 24 | -9  | -9  | -8  | -7  | -2  | 6   | 20  | 27  | 17  | 7   | 0  | 5   | 14  | 22  | 23  | 20  | 16  | 12  | 8  | 4  | 0  | 0  | -3 | -4  | -5  | -5  | -6  | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 22 | -10 | -11 | -11 | -11 | -8  | 0   | 16  | 3   | -36 | -73 | 99 | -74 | -53 | -17 | 0   | 5   | 7   | 6   | 3  | 0  | -2 | -4 | -5 | -7  | -7  | -7  | -7  | -7 | -6 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |
| 20 | -13 | -15 | -16 | -19 | -19 | -13 | 0   | -66 | 99  | 99  | 99 | 99  | -91 | 99  | -85 | -59 | -27 | -11 | -6 | -5 | -6 | -8 | -9 | -10 | -10 | -10 | -10 | -9 | -8 | -7 | -7 | -6 | -6 | -6 | -5 | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 18 | -16 | -18 | -21 | -25 | -27 | -28 | -25 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 16 | -17 | -20 | -25 | -30 | -35 | -42 | -46 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 14 | -19 | -22 | -26 | -32 | -39 | -46 | -50 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 12 | -19 | -22 | -27 | -32 | -37 | -42 | -40 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 10 | -15 | -17 | -21 | -25 | -27 | -28 | -25 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

TOESTAND 0

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : MAXIMUM VLOED

|    |     |     |     |     |     |     |     |     |     |     |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 0   | 0   | 0   | 2   | 3   | 0   | 0   | 4   | 7   | 6  | 6   | 8   | 9   | 9   | 9   | 9   | 8   | 6   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 |    |
| 40 | 0   | 0   | 0   | 0   | 2   | 4   | 2   | 0   | 0   | 7   | 7  | 8   | 10  | 10  | 10  | 11  | 10  | 9   | 8   | 7   | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 |    |
| 38 | 0   | 0   | 0   | 0   | 3   | 5   | 3   | 0   | 0   | 5   | 9  | 10  | 11  | 10  | 10  | 11  | 11  | 10  | 9   | 9   | 7   | 6   | 4   | 3   | 2   | 0   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |
| 36 | -2  | 0   | 0   | 0   | 3   | 5   | 5   | 0   | 0   | 3   | 10 | 12  | 12  | 11  | 11  | 11  | 10  | 9   | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 3   | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 |    |
| 34 | -2  | -2  | 0   | 0   | 2   | 5   | 7   | 5   | 0   | 2   | 9  | 13  | 13  | 13  | 12  | 12  | 10  | 9   | 8   | 8   | 7   | 6   | 4   | 3   | 4   | 3   | 0   | 0   | 0   | -2  | -3  | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |
| 32 | -3  | -3  | -2  | 0   | 2   | 5   | 9   | 9   | 6   | 4   | 8  | 14  | 16  | 15  | 14  | 13  | 12  | 10  | 8   | 7   | 6   | 4   | 3   | 2   | 2   | 2   | 0   | 0   | 0   | -2  | -2  | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |
| 30 | -5  | -4  | -3  | 0   | 0   | 6   | 11  | 15  | 12  | 8   | 9  | 17  | 20  | 18  | 17  | 15  | 13  | 10  | 8   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -2 | -3 | -3 | -4 | -4 | -4 | -4 | -4 |    |
| 28 | -6  | -5  | -4  | 0   | 2   | 7   | 14  | 21  | 20  | 14  | 14 | 19  | 22  | 21  | 20  | 17  | 14  | 11  | 8   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -3  | -3  | -3  | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |
| 26 | -8  | -7  | -6  | -4  | 0   | 8   | 19  | 28  | 28  | 22  | 21 | 21  | 23  | 27  | 26  | 20  | 16  | 12  | 8   | 5   | 2   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |
| 24 | -10 | -9  | -9  | -7  | -2  | 6   | 21  | 28  | 17  | 7   | 0  | 5   | 14  | 21  | 22  | 19  | 15  | 12  | 7   | 4   | 0   | 0   | -2  | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 |    |
| 22 | -11 | -12 | -12 | -12 | -8  | 0   | 17  | 3   | -35 | -70 | 99 | -76 | -53 | -16 | 0   | 5   | 7   | 6   | 3   | 0   | -2  | -4  | -5  | -6  | -7  | -7  | -7  | -6  | -6  | -6  | -6  | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 |
| 20 | -14 | -16 | -17 | -19 | -20 | -13 | 0   | -64 | 99  | 99  | 99 | -88 | 99  | -80 | -54 | -25 | -10 | -6  | -5  | -6  | -8  | -9  | -10 | -10 | -10 | -10 | -9  | -8  | -7  | -7  | -6  | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 |    |
| 18 | -16 | -19 | -22 | -26 | -29 | -30 | -26 | 99  | 99  | 99  | 99 | -91 | -99 | 99  | 99  | -80 | -48 | -32 | -23 | -19 | -18 | -17 | -17 | -16 | -15 | -13 | -12 | -11 | -9  | -8  | -7  | -6 | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -4 |    |
| 16 | -18 | -22 | -27 | -32 | -37 | -45 | -49 | 99  | 99  | 99  | 99 | -98 | -93 | -98 | -99 | 99  | -95 | -72 | -53 | -42 | -35 | -30 | -27 | -24 | -22 | -19 | -17 | -15 | -13 | -11 | -10 | -8 | -7 | -6 | -6 | -5 | -5 | -4 | -4 | -4 | -4 |
| 14 | -20 | -23 | -29 | -35 | -43 | -54 | -63 | 99  | 99  | 99  | 99 | -99 | -99 | -85 | -97 | 99  | -91 | -84 | -68 | -57 | -49 | -42 | -36 | -21 | -27 | -23 | -20 | -17 | -14 | -12 | -11 | -9 | -8 | -7 | -6 | -5 | -5 | -4 | -4 | -3 | -3 |
| 12 | -21 | -25 | -30 | -37 | -46 | -59 | -72 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | -88 | -86 | -77 | -68 | -58 | -48 | -41 | -34 | -28 | -24 | -20 | -17 | -14 | -12 | -11 | -9 | -8 | -7 | -6 | -5 | -5 | -4 | -3 | -3 | -3 |
| 10 | -20 | -24 | -30 | -38 | -48 | -61 | -80 | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | -77 | -85 | -85 | -70 | -56 | -45 | -36 | -29 | -24 | -20 | -16 | -14 | -12 | -10 | -9  | -7 | -7 | -6 | -5 | -5 | -5 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND D



# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : MAXIMUM VLOED

|    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| 42 | 5  | 5  | 5  | 5  | 4  | 3  | 2  | 2  | 3  | 4   | 3   | 2   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -3 | -3 | -2 | -2 |    |   |
| 40 | 5  | 5  | 5  | 6  | 5  | 5  | 3  | 2  | 4  | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 |   |
| 38 | 5  | 6  | 6  | 6  | 6  | 6  | 6  | 4  | 3  | 5   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0 |
| 36 | 6  | 6  | 7  | 7  | 8  | 8  | 8  | 6  | 3  | 4   | 5   | 4   | 3   | 0   | 0   | 0   | 0   | -2  | -3  | -3  | -2  | -3  | -3  | -3  | -3  | -2  | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 34 | 6  | 7  | 8  | 8  | 9  | 9  | 9  | 8  | 5  | 3   | 4   | 4   | 2   | 0   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 32 | 7  | 8  | 9  | 10 | 11 | 11 | 11 | 10 | 7  | 3   | 3   | 4   | 2   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -6  | -6  | -6  | -6  | -6  | -5  | -4 | -4 | -4 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 30 | 8  | 9  | 11 | 12 | 14 | 14 | 14 | 13 | 9  | 5   | 3   | 2   | 0   | 0   | 0   | 0   | -3  | -4  | -5  | -6  | -7  | -7  | -7  | -7  | -6  | -6  | -5 | -4 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 28 | 9  | 11 | 13 | 15 | 17 | 19 | 19 | 17 | 13 | 8   | 2   | 0   | 0   | 0   | 0   | -3  | -5  | -6  | -7  | -8  | -8  | -8  | -8  | -8  | -7  | -7  | -6 | -5 | -4 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 26 | 10 | 12 | 15 | 18 | 21 | 24 | 25 | 23 | 18 | 14  | 4   | -2  | -3  | -3  | -5  | -7  | -9  | -10 | -10 | -10 | -10 | -10 | -9  | -8  | -7  | -6  | -6 | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 24 | 10 | 13 | 16 | 20 | 25 | 30 | 32 | 28 | 20 | 23  | 6   | -5  | -9  | -9  | -9  | -11 | -12 | -13 | -14 | -14 | -13 | -12 | -11 | -10 | -9  | -7  | -6 | -5 | -4 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 22 | 10 | 13 | 17 | 21 | 28 | 35 | 40 | 32 | 15 | 45  | 99  | -55 | -15 | -15 | -13 | -15 | -17 | -18 | -18 | -18 | -17 | -15 | -14 | -12 | -10 | -9  | -7 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 20 | 9  | 12 | 16 | 21 | 30 | 41 | 51 | 39 | 99 | 99  | 165 | -82 | 99  | -36 | -12 | -18 | -22 | -23 | -22 | -22 | -20 | -18 | -16 | -14 | -12 | -10 | -8 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 18 | 8  | 11 | 14 | 20 | 29 | 45 | 67 | 99 | 99 | 150 | *** | -90 | 114 | 99  | 99  | -36 | -35 | -32 | -29 | -26 | -23 | -20 | -17 | -14 | -12 | -10 | -8 | -7 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 16 | 6  | 8  | 11 | 16 | 23 | 37 | 60 | 99 | 99 | 167 | *** | -86 | 45  | 107 | 99  | 60  | -45 | -40 | -34 | -29 | -24 | -20 | -16 | -13 | -10 | -8  | -7 | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 14 | 4  | 5  | 7  | 10 | 15 | 26 | 50 | 99 | 99 | -40 | 2   | 68  | 46  | 48  | 99  | 128 | -69 | -49 | -38 | -29 | -22 | -17 | -12 | -9  | -7  | -6  | -4 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |
| 12 | 2  | 3  | 4  | 5  | 8  | 13 | 34 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 163 | *** | -59 | -36 | -22 | -15 | -10 | -7  | -5  | -4  | -3  | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |    |   |
| 10 | 0  | 0  | 0  | 2  | 3  | 4  | 15 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 206 | *** | -43 | -15 | -7  | -4  | -3  | -2  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 |    |   |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |   |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |   |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |   |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |   |

TOESTAND D

## TIJD : HOOGWATER

TOESTAND D

# SNELHEIDSTOENAME (CM/S)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 0   | 2   | 2   | 2   | 3   | 2   | 0   | 0   | 4   | 7     | 6   | 6   | 8   | 8   | 9   | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |    |    |    |
| 40 | 0   | 2   | 2   | 3   | 4   | 5   | 2   | 0   | 2   | 8     | 8   | 8   | 9   | 9   | 9   | 10  | 9   | 8   | 7   | 6   | 6   | 4   | 2   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 | -4 |    |    |    |
| 38 | 0   | 0   | 2   | 3   | 5   | 6   | 5   | 0   | 0   | 7     | 10  | 10  | 10  | 8   | 8   | 9   | 9   | 8   | 8   | 8   | 7   | 5   | 4   | 3   | 2   | 0   | 0   | 0   | -2  | -2  | -3  | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |    |
| 36 | 0   | 0   | 2   | 3   | 5   | 7   | 7   | 3   | 0   | 4     | 10  | 12  | 11  | 10  | 9   | 8   | 8   | 7   | 7   | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 0   | 0   | -2  | -2  | -3  | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -5 |    |    |    |
| 34 | 0   | 0   | 0   | 2   | 4   | 7   | 5   | 7   | 2   | 2     | 9   | 13  | 12  | 11  | 10  | 9   | 7   | 6   | 6   | 5   | 5   | 4   | 3   | 3   | 3   | 3   | 0   | 0   | 0   | -2  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |    |
| 32 | 0   | 0   | 0   | 2   | 4   | 7   | 10  | 10  | 6   | 4     | 8   | 13  | 15  | 13  | 11  | 9   | 8   | 6   | 5   | 4   | 3   | 2   | 0   | 0   | 2   | 0   | 0   | 0   | 0   | -2  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |    |
| 30 | 0   | 0   | 0   | 2   | 5   | 9   | 13  | 16  | 12  | 7     | 8   | 14  | 17  | 14  | 12  | 10  | 8   | 6   | 4   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -2 | -3 | -3 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |    |
| 28 | -2  | 0   | 0   | 2   | 6   | 11  | 17  | 22  | 19  | 12    | 10  | 14  | 16  | 15  | 13  | 11  | 8   | 6   | 4   | 2   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -3  | -3 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |    |    |    |
| 26 | -3  | -2  | 0   | 0   | 6   | 12  | 21  | 27  | 22  | 13    | 8   | 8   | 11  | 14  | 14  | 10  | 8   | 6   | 4   | 2   | 0   | 0   | -2  | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -4 | -4 | -4 | -5 | -5 | -5 |    |    |    |
| 24 | -4  | -3  | -2  | 0   | 4   | 11  | 23  | 23  | 8   | -7    | -21 | -19 | -9  | 0   | 2   | 2   | 3   | 2   | 0   | 0   | 0   | -2  | -3  | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -5 | -5 |    |
| 22 | -5  | -5  | -5  | -4  | 0   | 6   | 19  | 0   | -38 | -66   | 99  | -72 | -54 | -35 | -23 | -15 | -9  | -6  | -4  | -4  | -5  | -5  | -6  | -6  | -7  | -7  | -6  | -6  | -6  | -6  | -6  | -6 | -5 | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 |    |
| 20 | -8  | -9  | -9  | -11 | -10 | -5  | 5   | -56 | 99  | 99    | -86 | -81 | 99  | -77 | -65 | -47 | -31 | -21 | -15 | -12 | -11 | -11 | -10 | -10 | -10 | -9  | -9  | -8  | -7  | -6  | -6  | -5 | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |    |    |
| 18 | -10 | -12 | -14 | -17 | -18 | -18 | -17 | 99  | 99  | -91   | -85 | -79 | -79 | 99  | 99  | -76 | -58 | -41 | -30 | -24 | -20 | -18 | -17 | -16 | -15 | -14 | -12 | -11 | -10 | -8  | -7  | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -3 |    |
| 16 | -12 | -15 | -18 | -22 | -26 | -31 | -35 | 99  | 99  | -66   | -56 | -54 | -60 | -67 | 99  | 99  | -62 | -69 | -55 | -43 | -35 | -30 | -27 | -24 | -22 | -20 | -18 | -16 | -14 | -12 | -11 | -9 | -8 | -7 | -6 | -5 | -5 | -4 | -4 | -4 | -4 | -3 | -3 |
| 14 | -14 | -16 | -20 | -25 | -30 | -35 | -38 | 99  | 99  | ***** | -4  | -21 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 12 | -14 | -17 | -21 | -25 | -29 | -32 | -30 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 10 | -12 | -14 | -17 | -20 | -22 | -23 | -19 | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |    |

TOESTAND D

PROCENTUELE SNELHEIDSTOENAME (%)

TIJD : HOOGWATER

|    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|
| 42 | 2   | 2   | 2   | 3   | 3   | 3   | 0   | 0   | 5   | 8   | 7   | 7   | 9   | 10  | 10  | 11  | 10  | 8   | 7   | 6   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -4  | -4  | -5  | -5 | -5 | -6 | -6 | -7 | -6 | -6 |
| 40 | 0   | 2   | 3   | 4   | 5   | 6   | 3   | 0   | 2   | 9   | 9   | 9   | 10  | 10  | 10  | 11  | 11  | 10  | 8   | 8   | 7   | 5   | 3   | 0   | 0   | 0   | 0   | -2  | -3  | -3  | -4  | -4  | -5  | -5 | -5 | -6 | -6 | -6 | -7 | -7 |
| 38 | 0   | 2   | 3   | 4   | 6   | 8   | 6   | 0   | 0   | 8   | 12  | 11  | 11  | 10  | 9   | 10  | 10  | 10  | 9   | 9   | 8   | 6   | 4   | 3   | 2   | 0   | 0   | -3  | -3  | -4  | -4  | -5  | -5  | -5 | -5 | -6 | -6 | -6 | -7 |    |
| 36 | 0   | 0   | 2   | 3   | 5   | 8   | 8   | 3   | 0   | 5   | 12  | 14  | 13  | 11  | 10  | 10  | 9   | 8   | 8   | 8   | 7   | 6   | 5   | 4   | 4   | 3   | 0   | 0   | -2  | -3  | -4  | -4  | -5  | -5 | -5 | -5 | -6 | -6 | -6 |    |
| 34 | 0   | 0   | 0   | 3   | 5   | 7   | 10  | 8   | 2   | 3   | 11  | 15  | 14  | 13  | 11  | 10  | 9   | 7   | 7   | 6   | 6   | 5   | 4   | 3   | 4   | 4   | 2   | 0   | 0   | -2  | -3  | -4  | -4  | -5 | -5 | -5 | -5 | -6 | -6 |    |
| 32 | 0   | 0   | 0   | 2   | 5   | 8   | 12  | 12  | 8   | 5   | 9   | 15  | 16  | 15  | 13  | 11  | 9   | 7   | 6   | 5   | 4   | 3   | 2   | 0   | 2   | 2   | 0   | 0   | 0   | -2  | -2  | -3  | -4  | -5 | -5 | -5 | -5 | -5 | -6 |    |
| 30 | 0   | 0   | 0   | 3   | 6   | 10  | 15  | 18  | 15  | 9   | 10  | 16  | 19  | 16  | 14  | 12  | 9   | 7   | 5   | 3   | 2   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -2  | -3  | -3  | -3  | -4 | -5 | -5 | -5 | -5 | -6 |    |
| 28 | -2  | 0   | 0   | 3   | 7   | 13  | 20  | 26  | 23  | 15  | 12  | 16  | 18  | 17  | 15  | 12  | 10  | 7   | 5   | 3   | 0   | 0   | 0   | 0   | 0   | 0   | -2  | -2  | -3  | -3  | -4  | -4  | -4  | -4 | -4 | -4 | -5 | -5 | -5 |    |
| 26 | -3  | -2  | 0   | 2   | 7   | 15  | 26  | 32  | 27  | 17  | 11  | 10  | 12  | 17  | 16  | 12  | 9   | 7   | 4   | 2   | 0   | 0   | -2  | -3  | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 24 | -4  | -4  | -2  | 0   | 5   | 14  | 28  | 28  | 9   | -9  | -27 | -24 | -11 | 0   | 2   | 3   | 3   | 3   | 0   | 0   | 0   | -3  | -4  | -5  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -6  | -5 | -5 | -5 | -5 | -5 | -5 |    |
| 22 | -6  | -7  | -6  | -5  | 0   | 7   | 23  | 0   | -44 | -76 | 99  | 90  | -66 | -41 | -27 | -18 | -11 | -7  | -5  | -5  | -6  | -7  | -8  | -8  | -9  | -9  | -8  | -8  | -7  | -7  | -7  | -7  | -6  | -6 | -5 | -5 | -5 | -5 | -4 | -4 |
| 20 | -10 | -11 | -11 | -13 | -12 | -6  | 6   | -64 | 99  | 99  | -97 | -97 | 99  | -89 | -74 | -54 | -36 | -25 | -19 | -16 | -14 | -14 | -14 | -13 | -13 | -12 | -11 | -10 | -9  | -8  | -7  | -7  | -6  | -6 | -5 | -5 | -4 | -4 | -4 | -4 |
| 18 | -13 | -15 | -17 | -20 | -23 | -24 | -21 | 99  | 99  | -98 | -97 | -96 | -97 | 99  | 99  | -88 | -68 | -49 | -37 | -30 | -26 | -24 | -22 | -21 | -20 | -18 | -17 | -15 | -13 | -11 | -10 | -8  | -7  | -6 | -5 | -5 | -4 | -4 | -4 | -4 |
| 16 | -15 | -18 | -23 | -27 | -32 | -40 | -45 | 99  | 99  | -98 | -97 | -94 | -97 | -98 | 99  | -78 | -87 | -70 | -56 | -46 | -40 | -36 | -33 | -30 | -27 | -24 | -22 | -19 | -17 | -15 | -12 | -11 | -9  | -8 | -7 | -6 | -5 | -5 | -4 | -4 |
| 14 | -17 | -21 | -26 | -33 | -40 | -51 | -60 | 99  | 99  | -99 | -99 | -99 | -77 | -96 | 99  | -67 | -88 | -87 | -72 | -62 | -55 | -49 | -43 | -38 | -34 | -30 | -26 | -22 | -19 | -16 | -14 | -12 | -10 | -9 | -7 | -6 | -5 | -4 | -3 | -3 |
| 12 | -20 | -24 | -29 | -37 | -46 | -57 | -69 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | -41 | -61 | -74 | -80 | -77 | -69 | -60 | -51 | -43 | -37 | -31 | -27 | -23 | -19 | -17 | -14 | -12 | -10 | -8 | -7 | -6 | -4 | -3 | -2 | -2 |
| 10 | -21 | -26 | -32 | -40 | -50 | -64 | -80 | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 101 | 27  | -23 | -61 | -88 | -79 | -63 | -50 | -41 | -33 | -27 | -22 | -18 | -15 | -12 | -10 | -9  | -7  | -6 | -6 | -5 | 99 | 99 | 99 | 99 |
| 8  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 6  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 4  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |
| 2  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 |    |

TOESTAND D

# HOEKVERDRAAIING T.O.V. REFERENTIESTROMING

TIJD : HOOGWATER

|    |    |    |    |    |    |    |    |    |    |    |     |        |     |     |     |     |     |     |       |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|----|----|----|----|----|----|----|----|----|----|----|-----|--------|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
| 42 | 4  | 4  | 5  | 4  | 4  | 3  | 0  | 0  | 2  | 2  | 0   | 0      | 0   | 0   | 0   | 0   | 0   | 0   | -2    | -2  | -2  | -3  | -3  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -3 | -3 | -2 | -2 | -2 |    |    |    |   |
| 40 | 5  | 5  | 5  | 5  | 5  | 4  | 3  | 2  | 3  | 4  | 3   | 0      | 0   | 0   | 0   | 0   | 0   | 0   | -2    | -2  | -2  | -2  | -3  | -3  | -3  | -3  | -4  | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0  |    |    |   |
| 38 | 5  | 5  | 6  | 6  | 6  | 5  | 5  | 3  | 3  | 4  | 4   | 2      | 0   | 0   | 0   | 0   | 0   | -2  | -2    | -3  | -3  | -2  | -3  | -3  | -3  | -3  | -4  | -4 | -4 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | -2 | -2 | 0  | 0  | 0  |    |   |
| 36 | 5  | 6  | 6  | 7  | 7  | 7  | 7  | 5  | 3  | 3  | 4   | 3      | 0   | 0   | 0   | 0   | 0   | -2  | -2    | -3  | -4  | -4  | -4  | -4  | -4  | -4  | -4  | -4 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | -2 | 0  | 0  | 0  | 0  |    |    |   |
| 34 | 6  | 7  | 7  | 8  | 9  | 9  | 9  | 7  | 5  | 3  | 3   | 2      | 0   | 0   | 0   | 0   | 0   | -2  | -3    | -4  | -5  | -5  | -5  | -5  | -5  | -5  | -5  | -5 | -5 | -5 | -4 | -4 | -3 | -3 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  |   |
| 32 | 7  | 8  | 9  | 10 | 11 | 11 | 10 | 9  | 7  | 3  | 2   | 2      | 0   | 0   | 0   | 0   | 0   | -2  | -3    | -4  | -5  | -6  | -6  | -6  | -6  | -6  | -6  | -6 | -6 | -5 | -5 | -4 | -4 | -3 | -3 | -3 | -2 | -2 | -2 | 0  | 0  | 0  | 0 |
| 30 | 8  | 9  | 11 | 12 | 13 | 14 | 13 | 12 | 9  | 4  | 0   | 0      | 0   | 0   | 0   | 0   | 0   | -3  | -4    | -5  | -6  | -6  | -7  | -7  | -7  | -7  | -7  | -7 | -6 | -6 | -5 | -5 | -4 | -4 | -3 | -2 | -2 | -2 | 0  | 0  | 0  | 0  | 0 |
| 28 | 9  | 10 | 12 | 14 | 16 | 18 | 18 | 16 | 12 | 7  | 0   | -3     | -2  | -2  | -4  | -6  | -7  | -7  | -8    | -8  | -8  | -8  | -8  | -8  | -8  | -7  | -7  | -6 | -5 | -5 | -4 | -4 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 26 | 10 | 12 | 14 | 17 | 20 | 22 | 23 | 20 | 16 | 12 | 0   | -5     | -6  | -6  | -7  | -8  | -9  | -10 | -10   | -10 | -10 | -10 | -9  | -9  | -8  | -8  | -7  | -6 | -5 | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 24 | 10 | 13 | 16 | 20 | 24 | 28 | 30 | 25 | 17 | 19 | 0   | -7     | -12 | -12 | -11 | -11 | -12 | -13 | -13   | -13 | -13 | -12 | -12 | -11 | -10 | -9  | -8  | -7 | -6 | -5 | -4 | -3 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 22 | 10 | 13 | 16 | 21 | 27 | 33 | 37 | 28 | 12 | 39 | 99  | -25    | -16 | -16 | -14 | -13 | -14 | -15 | -16   | -17 | -16 | -15 | -14 | -13 | -12 | -10 | -9  | -8 | -7 | -5 | -4 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 20 | 9  | 12 | 16 | 21 | 29 | 38 | 48 | 33 | 99 | 99 | 44  | 12     | 99  | -38 | -15 | -11 | -15 | -18 | -19   | -20 | -19 | -18 | -17 | -16 | -14 | -12 | -10 | -9 | -7 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 18 | 8  | 11 | 15 | 20 | 28 | 42 | 63 | 99 | 99 | 37 | 81  | ***144 | 99  | 99  | 37  | -13 | -21 | -23 | -23   | -22 | -21 | -19 | -17 | -15 | -13 | -11 | -9  | -8 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| 16 | 6  | 9  | 12 | 16 | 23 | 36 | 57 | 99 | 99 | 99 | 133 | -97    | 118 | 152 | 99  | 94  | 13  | -26 | -30   | -28 | -26 | -23 | -20 | -17 | -14 | +12 | -10 | -8 | -7 | -6 | -4 | -3 | -3 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 14 | 5  | 6  | 8  | 11 | 17 | 27 | 48 | 99 | 99 | 99 | 263 | 316    | 65  | 62  | 72  | 99  | 117 | 138 | -62   | -46 | -37 | -30 | -23 | -18 | -14 | -11 | -9  | -7 | -6 | -5 | -4 | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |   |
| 12 | 3  | 3  | 5  | 7  | 11 | 18 | 37 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 137 | 169 | ***** | -57 | -33 | -20 | -13 | -9  | -7  | -5  | -4  | -3 | -2 | -2 | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |   |
| 10 | 0  | 0  | 2  | 3  | 5  | 9  | 26 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 176 | 189 | ***** | -23 | -9  | -5  | -3  | -2  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 99 | 99 | 99 | 99 |   |
| 8  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |   |
| 6  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |   |
| 4  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |   |
| 2  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99  | 99     | 99  | 99  | 99  | 99  | 99  | 99  | 99    | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99  | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 | 99 |    |   |

TOESTAND 0

B I J L A G E    13

Model met mazen van 500 m.  
Hydrodynamische wijzigingen.  
Toestand E t.o.v. toestand D.

# AANGEPASTE DIEPTEN IN METER

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 42 | 11 | 11 | 12 | 12 | 12 | 12 | 14 | 15 | 14 | 14 | 16 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 | 10 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 6  | 5  | 5  | 4  | 4  |    |
| 40 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 15 | 13 | 12 | 13 | 14 | 15 | 16 | 16 | 15 | 15 | 14 | 13 | 13 | 12 | 12 | 11 | 10 | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 4  | 4  |    |    |
| 38 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 14 | 15 | 11 | 11 | 11 | 11 | 12 | 13 | 14 | 15 | 15 | 15 | 15 | 14 | 14 | 13 | 11 | 11 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 8  | 6  |    |    |
| 36 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 13 | 15 | 12 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 15 | 15 | 15 | 14 | 13 | 12 | 10 | 9  | 8  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 |    |    |
| 34 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 15 | 14 | 11 | 10 | 10 | 10 | 10 | 10 | 10 | 9  | 10 | 10 | 11 | 11 | 12 | 13 | 14 | 15 | 14 | 13 | 11 | 10 | 9  | 8  | 7  | 8  | 9  | 9  | 9  | 10 | 10 | 10 |    |
| 32 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 13 | 15 | 12 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 14 | 13 | 12 | 11 | 10 | 8  | 8  | 9  | 9  | 8  | 8  |    |    |
| 30 | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 12 | 15 | 14 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 15 | 15 | 15 | 14 | 14 | 13 | 13 | 11 | 10 | 10 | 11 | 11 | 11 |    |
| 28 | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 10 | 14 | 15 | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 15 | 14 | 14 | 14 | 13 | 12 | 12 | 12 |    |    |
| 26 | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 13 | 15 | 12 | 12 | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 13 | 14 | 14 | 15 | 15 | 14 | 14 | 14 | 14 |    |
| 24 | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 10 | 15 | 15 | 10 | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 14 | 15 |
| 22 | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 15 | 12 | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |
| 20 | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 8  | 9  | 9  | 9  | 15 | 15 | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 9  | 9  | 10 | 10 | 11 | 11 | 11 | 12 | 13 | 13 | 14 | 14 |
| 18 | 7  | 7  | 8  | 4  | 7  | 8  | 8  | 9  | 9  | 9  | 15 | 15 | 15 | 15 | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 12 | 13 |    |
| 16 | 6  | 7  | 7  | 7  | 7  | 7  | 7  | 9  | 9  | 9  | 15 | 15 | 15 | 15 | 15 | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 7  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 9  | 10 | 10 | 11 | 12 | 13 |    |
| 14 | 6  | 6  | 7  | 7  | 6  | 7  | 7  | 9  | 9  | 9  | 15 | 15 | 15 | 15 | 15 | 9  | 7  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 7  | 7  | 8  | 8  | 8  | 9  | 9  | 10 | 10 | 10 |    |
| 12 | 6  | 6  | 6  | 5  | 5  | 5  | 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 7  | 7  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 10 | 10 | 7  | 7  |    |    |
| 10 | 3  | 2  | 1  | 1  | 1  | 0  | 1  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 0  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |    |
| 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |    |
| 6  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |    |
| 4  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |    |
| 2  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |    |    |    |

TCESTAND E

## TIJD : MAXIMUM EB

TOE STAND E



TIJD : MAXIMUM EB

TOESTAND E

## TIJD : MAXIMUM EB

[illegible]

TOESTAND E

HOEKVERDRAAIING T.O.V. DE STROMING BIJ TOESTAND D

TIJD : MAXIMUM EB

[illegible]

TOESTAND E

## TIJD : LAAGWATER

ICE STAND E

TIJD : LAAGWATER

[illegible]

TOESTAND E

## TIJD : LAAGWATER

[illegible]

A.13.8.

## TIJD : LAAGWATER

TCE STAND E

## TIJD : MAXIMUM VLOED

TOESTAND E



TIJD : MAXIMUM VLOED

TOESTAND E

## TIJD : MAXIMUM VLOED

[illegible]

A.13.12.

## TIJD : MAXIMUM VLOED

TOESTAND E

## TIJD : HOOGWATER

TOE STAND E

TIJD : HOOGWATER

[illegible]

TOESTAND E

## TIJD : HOOGWATER

[illegible]

TOESTAND E

## TIJD : HOOGWATER

TOESTAND E





## TIJD : HOOGWATER

[illegible]

TOESTAND E

HOEKVERDRAAIING T.O.V. DE STROMING BIJ TOESTAND D  
TIJD : HOOGWATER

TOESTAND E

TIJD : HOOGWATER

TOESTAND E

B I J L A G E 14

Vergelijking ijkingsresultaten.  
Model met mazen van 1.000 m (g.m)  
en model ter ondersteuning van de  
ijking van het fysische model (k.m.).





## MEETPUNT 34 6

TIJD :-----:

|         | A | B              |
|---------|---|----------------|
| 1* E A  |   | -217.77-230.23 |
| 2* *    |   | -196.67-193.40 |
| 3* A B  |   | -167.85-156.14 |
| 4* AB   |   | -141.68-133.91 |
| 5* BA   |   | -121.72-125.79 |
| 6* B A  |   | -102.92-114.10 |
| 7* BA   |   | -74.02 -78.72  |
| 8* A B  |   | -23.82 -16.80  |
| 9* A B  |   | 47.47 57.80    |
| 10* *   |   | 128.15 132.44  |
| 11* BA  |   | 203.11 198.07  |
| 12* BA  |   | 253.10 243.98  |
| 13* *   |   | 271.54 268.03  |
| 14* †   |   | 260.60 263.51  |
| 15* *   |   | 228.00 232.06  |
| 16* *   |   | 185.10 186.91  |
| 17* *   |   | 141.04 138.47  |
| 18* BA  |   | 99.00 93.65    |
| 19* BA  |   | 56.70 52.46    |
| 20* *   |   | 7.67 8.75      |
| 21* AB  |   | -50.54 -45.75  |
| 22* AB  |   | -113.62-109.98 |
| 23* *   |   | -173.01-174.57 |
| 24* EA  |   | -218.27-223.92 |
| 25* BA  |   | -241.52-244.51 |
| 26* A B |   | -240.55-230.25 |

TIJD:-----

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHDELDE

A : berekeningsresultaten van het g.m.w.  
B : berekeningsresultaten van het k.w.

A.14.3.

WATERSTANDEN (CM)

MEETPUNT : 48 6

| TIJD |     |  |  |  |  |  |  |  | A        | B       |
|------|-----|--|--|--|--|--|--|--|----------|---------|
| 1*   | B A |  |  |  |  |  |  |  | -208.20  | -221.00 |
| 2*   | AB  |  |  |  |  |  |  |  | -188.66  | -187.09 |
| 3*   | A B |  |  |  |  |  |  |  | -161.67  | -151.80 |
| 4*   | AB  |  |  |  |  |  |  |  | -136.31  | -129.87 |
| 5*   | BA  |  |  |  |  |  |  |  | -116.05  | -120.29 |
| 6*   | B A |  |  |  |  |  |  |  | -96.17   | -106.62 |
| 7*   | BA  |  |  |  |  |  |  |  | -66.86   | -71.54  |
| 8*   | AB  |  |  |  |  |  |  |  | -18.76   | -12.54  |
| 9*   |     |  |  |  |  |  |  |  | 48.45    | 59.01   |
| 10*  |     |  |  |  |  |  |  |  | 124.82   | 129.69  |
| 11*  |     |  |  |  |  |  |  |  | 195.39   | 191.81  |
| 12*  |     |  |  |  |  |  |  |  | 242.87   | 235.76  |
| 13*  |     |  |  |  |  |  |  |  | * 260.21 | 258.57  |
| 14*  |     |  |  |  |  |  |  |  | * 249.36 | 253.47  |
| 15*  |     |  |  |  |  |  |  |  | 217.91   | 222.51  |
| 16*  |     |  |  |  |  |  |  |  | 176.71   | 178.85  |
| 17*  |     |  |  |  |  |  |  |  | 134.30   | 132.11  |
| 18*  |     |  |  |  |  |  |  |  | 93.47    | 88.63   |
| 19*  |     |  |  |  |  |  |  |  | 51.86    | 48.57   |
| 20*  |     |  |  |  |  |  |  |  | 3.77     | 5.02    |
| 21*  |     |  |  |  |  |  |  |  | -52.85   | -48.94  |
| 22*  |     |  |  |  |  |  |  |  | -113.99  | -111.83 |
| 23*  |     |  |  |  |  |  |  |  | -170.58  | -173.08 |
| 24*  |     |  |  |  |  |  |  |  | -212.65  | -217.92 |
| 25*  | *   |  |  |  |  |  |  |  | -233.23  | -234.76 |
| 26*  | A B |  |  |  |  |  |  |  | -232.12  | -221.01 |

TIJD :-----:-----:-----:-----:-----:-----:-----:-----:-----: A B

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE



MEETPUNT : 64 6

| T   | IJD | A       | B       |
|-----|-----|---------|---------|
| 1*  | B A | -195.33 | -208.43 |
| 2*  |     | -177.47 | -176.52 |
| 3*  | A B | -152.87 | -144.16 |
| 4*  | AB  | -129.02 | -123.18 |
| 5*  | *   | -108.37 | -112.27 |
| 6*  | B A | -86.47  | -96.37  |
| 7*  | BA  | -55.29  | -60.40  |
| 8*  | AB  | -7.93   | -3.39   |
| 9*  |     | 55.22   | 64.00   |
| 10* |     | 125.64  | 128.75  |
| 11* |     | 189.08  | 184.91  |
| 12* |     | 231.46  | 224.68  |
| 13* |     | 246.17  | 245.17  |
| 14* |     | 234.71  | 239.45  |
| 15* |     | 204.44  | 209.48  |
| 16* |     | 165.34  | 167.96  |
| 17* |     | 124.86  | 123.47  |
| 18* |     | 85.20   | 81.42   |
| 19* |     | 43.93   | 42.15   |
| 20* | AB  | -3.33   | -1.10   |
| 21* | AB  | -57.70  | -53.46  |
| 22* | *   | -115.09 | -113.02 |
| 23* | BA  | -167.02 | -169.15 |
| 24* | BA  | -204.59 | -208.82 |
| 25* | *   | -222.29 | -222.24 |
| 26* | A B | -220.88 | -208.44 |

T I J D : - - - - - : - - - - - : - - - - - : - - - - - : - - - - - : - - - - - : - - - - - : - - - - - : - - - - - : A B

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHDELDE

MEETPUNT : 3236

Tijd : ..... A B

A.14.6.

WATERSTANDEN (CM)

MEETPUNT : 6036

| TIJD |  |     |    |   |  |    |    |     |    | A       | B       |
|------|--|-----|----|---|--|----|----|-----|----|---------|---------|
| 1*   |  | B A |    | : |  |    |    |     |    | -183.01 | -194.56 |
| 2*   |  |     | BA | : |  |    |    |     |    | -167.41 | -168.08 |
| 3*   |  |     |    | : |  | AB |    |     |    | -142.01 | -136.32 |
| 4*   |  |     |    | : |  |    | AB |     |    | -116.33 | -112.15 |
| 5*   |  |     |    | : |  |    |    | BA  |    | -97.03  | -98.26  |
| 6*   |  |     |    | : |  |    |    |     | BA | -82.36  | -86.73  |
| 7*   |  |     |    | : |  | *  |    |     |    | -64.00  | -66.52  |
| 8*   |  |     |    | : |  |    | *  |     |    | -31.07  | -29.49  |
| 9*   |  |     |    | : |  |    |    | AB  |    | 20.63   | 25.24   |
| 10*  |  |     |    | : |  |    |    |     | AB | 86.98   | 89.28   |
| 11*  |  |     |    | : |  |    |    |     |    | 153.52  | 149.55  |
| 12*  |  |     |    | : |  |    |    |     | BA | 202.21  | 197.77  |
| 13*  |  |     |    | : |  |    |    |     |    | 225.06  | 224.40  |
| 14*  |  |     |    | : |  |    |    |     |    | 222.80  | 224.79  |
| 15*  |  |     |    | : |  |    |    |     |    | 200.33  | 202.21  |
| 16*  |  |     |    | : |  |    |    |     | *  | 166.76  | 166.66  |
| 17*  |  |     |    | : |  |    |    | *   |    | 129.89  | 128.70  |
| 18*  |  |     |    | : |  |    |    |     | BA | 93.59   | 92.12   |
| 19*  |  |     |    | : |  | *  |    |     |    | 56.72   | 56.32   |
| 20*  |  |     |    | : |  | *  |    |     |    | 13.94   | 14.69   |
| 21*  |  |     |    | : |  | *  |    |     |    | -36.99  | -36.02  |
| 22*  |  |     |    | : |  |    | *  |     |    | -93.19  | -93.64  |
| 23*  |  |     |    | : |  |    |    | BA  |    | -146.65 | -148.10 |
| 24*  |  |     |    | : |  | *  |    |     |    | -187.50 | -187.61 |
| 25*  |  |     |    | : |  | AB |    |     |    | -207.91 | -203.42 |
| 26*  |  |     |    | : |  |    |    | A B |    | -207.45 | -194.57 |

TIJD :-----:-----:-----:-----:-----:-----:-----:-----:-----:-----: A B

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

MEETPUNT : 5462

TIJD :-----:-----:-----:-----:-----:-----:-----:-----:-----:-----

|     | A   | B              |
|-----|-----|----------------|
| 1*  | B A | -174.57-184.68 |
| 2*  | *   | -163.98-166.77 |
| 3*  | *   | -140.35-139.62 |
| 4*  | AB  | -113.39-112.48 |
| 5*  | *   | -93.27 -93.46  |
| 6*  | BA  | -82.28 -82.83  |
| 7*  | *   | -71.71 -72.28  |
| 8*  | *   | -50.55 -50.86  |
| 9*  | *   | -10.92 -9.77   |
| 10* | *   | 49.62 51.80    |
| 11* | *   | 118.01 118.66  |
| 12* | *   | 175.24 176.23  |
| 13* | *   | 208.79 209.45  |
| 14* | *   | 216.68 217.31  |
| 15* | BA  | 202.65 202.15  |
| 16* | *   | 174.08 172.63  |
| 17* | *   | 139.36 138.37  |
| 18* | *   | 104.21 104.62  |
| 19* | *   | 68.64 69.64    |
| 20* | *   | 28.78 28.13    |
| 21* | *   | -19.01 -21.47  |
| 22* | *   | -72.84 -76.97  |
| 23* | BA  | -126.85-130.40 |
| 24* | *   | -170.80-170.76 |
| 25* | AB  | -195.67-188.38 |
| 26* | A B | -198.78-184.70 |

T I J D :-----

A B

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

MEETPUNT : 1494

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

# WATERSTANDEN (CM)

MEETPUNT : 5494

| TIJD |     |   |  |  |  | A       | B       |
|------|-----|---|--|--|--|---------|---------|
| 1*   | B A | : |  |  |  | -155.58 | -164.86 |
| 2*   | BA  | : |  |  |  | -150.74 | -157.11 |
| 3*   | B A | : |  |  |  | -131.44 | -138.27 |
| 4*   | BA  | : |  |  |  | -107.28 | -110.95 |
| 5*   | *   | : |  |  |  | -80.77  | -88.72  |
| 6*   | *   | : |  |  |  | -80.27  | -78.84  |
| 7*   | *   | : |  |  |  | -73.41  | -74.58  |
| 8*   | BA  | : |  |  |  | -61.75  | -65.37  |
| 9*   | BA  | : |  |  |  | -34.27  | -40.30  |
| 10*  | BA  | : |  |  |  | 14.87   | 11.70   |
| 11*  | BA  | : |  |  |  | 78.23   | 84.11   |
| 12*  | AB  | : |  |  |  | 137.60  | 143.16  |
| 13*  | AB  | : |  |  |  | 178.73  | 181.52  |
| 14*  | *   | : |  |  |  | 196.56  | 196.11  |
| 15*  | *   | : |  |  |  | 192.48  | 188.44  |
| 16*  | *   | : |  |  |  | 171.73  | 168.12  |
| 17*  | *   | : |  |  |  | 142.15  | 141.03  |
| 18*  | AB  | : |  |  |  | 110.40  | 113.01  |
| 19*  | *   | : |  |  |  | 78.50   | 81.67   |
| 20*  | BA  | : |  |  |  | 42.66   | 42.03   |
| 21*  | BA  | : |  |  |  | 0.16    | -4.90   |
| 22*  | BA  | : |  |  |  | -48.64  | -54.99  |
| 23*  | BA  | : |  |  |  | -99.66  | -103.40 |
| 24*  | AB  | : |  |  |  | -143.87 | -140.62 |
| 25*  | A B | : |  |  |  | -172.42 | -160.65 |
| 26*  | A B | : |  |  |  | -180.16 | -164.91 |
| TIJD |     |   |  |  |  | A       | B       |

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN MET WESTERSCHELDE

MEETPUNT : 5420

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHDELDE

A. 14.11.

MEETPUNT 5420

TIJD : ..... A 3

A.14.12.



## MEETPUNT 3230

Tijd : .....

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.13.

MEETPUNT : 3230

T IJD :-----:-----:-----:-----:-----:-----:-----:-----:-----:-----

[illegible]

A. 14.14.

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

MEETPUNT : 4234

TIJD : .....

A.14.15.

MEETPUNT : 4234

TIJD :-----:-----:-----:-----:-----:-----:-----:-----:-----:-----:-----

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHDELDE

A.14.16.

MEETPUNT : 3844

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A. 14. 1 /

MEETPUNT : 3844

| TIJD |     |    |       | A   | B              |
|------|-----|----|-------|-----|----------------|
| 1*   |     |    |       | AB  | 152.27 157.12  |
| 2*   |     |    |       | A B | 161.28 168.97  |
| 3*   | A B |    |       |     | -187.05-178.52 |
| 4*   | A B |    |       |     | -178.89-164.77 |
| 5*   | A B |    |       |     | -176.85-160.59 |
| 6*   | A B |    |       |     | -176.44-165.51 |
| 7*   | A B |    |       |     | -168.25-161.49 |
| 8*   |     | AB |       |     | -129.41-122.27 |
| 9*   |     |    | AB    |     | -63.91 -59.53  |
| 10*  |     |    | AB    |     | -42.44 -39.76  |
| 11*  |     |    | AB    |     | -34.28 -33.45  |
| 12*  |     | *  |       |     | -28.82 -29.71  |
| 13*  |     | *  |       |     | -23.84 -25.16  |
| 14*  |     | *  |       |     | -18.88 -19.87  |
| 15*  |     | *  |       |     | -13.19 -13.48  |
| 16*  |     | *  |       |     | -5.79 -5.34    |
| 17*  |     |    | :AB   |     | 5.93 7.67      |
| 18*  |     |    | : A B |     | 29.78 37.80    |
| 19*  |     |    | : A B |     | 74.24 87.32    |
| 20*  |     |    | : AB  |     | 110.05 115.79  |
| 21*  |     |    | : *   |     | 127.65 128.00  |
| 22*  |     |    | : *   |     | 135.83 134.46  |
| 23*  |     |    | : *   |     | 139.88 138.66  |
| 24*  |     |    | : *   |     | 142.59 142.49  |
| 25*  |     |    | : *   |     | 146.05 147.52  |
| 26*  |     |    | : AB  |     | 152.24 157.12  |

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.18.

MEETPUNT : 2858

Tijd : .....

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.19.

SNELHEIDSRICHTING IN GRADEN

MEETPUNT : 2858

| TIJD |   |   |     |   |  |     | A       | B       |
|------|---|---|-----|---|--|-----|---------|---------|
| 1*   |   |   |     | : |  | AB  | 150.87  | 155.29  |
| 2*   |   |   |     | : |  | A B | 153.55  | 160.50  |
| 3*   |   |   |     | : |  | A B | 158.47  | 170.86  |
| 4*   | A |   | B   | : |  |     | -193.25 | -141.56 |
| 5*   | A |   | B   | : |  |     | -178.52 | -75.62  |
| 6*   |   | A | B   | : |  |     | -156.39 | -76.18  |
| 7*   |   | A | B   | : |  |     | -119.93 | -81.55  |
| 8*   |   |   | A B | : |  |     | -63.12  | -57.66  |
| 9*   |   |   | *   | : |  |     | -39.69  | -38.07  |
| 10*  |   |   | *   | : |  |     | -33.04  | -31.36  |
| 11*  |   |   | AB  | : |  |     | -30.46  | -29.48  |
| 12*  |   |   | *   | : |  |     | -28.72  | -28.28  |
| 13*  |   |   | *   | : |  |     | -27.04  | -26.49  |
| 14*  |   |   | *   | : |  |     | -25.18  | -24.48  |
| 15*  |   |   | AB  | : |  |     | -22.78  | -21.69  |
| 16*  |   |   | AB  | : |  |     | -18.56  | -17.19  |
| 17*  |   |   | *   | : |  |     | -4.98   | -3.71   |
| 18*  |   |   |     | : |  | A B | 102.06  | 111.32  |
| 19*  |   |   |     | : |  | AB  | 136.50  | 140.78  |
| 20*  |   |   |     | : |  | *   | 142.86  | 145.88  |
| 21*  |   |   |     | : |  | AB  | 145.52  | 147.76  |
| 22*  |   |   |     | : |  | *   | 146.98  | 148.75  |
| 23*  |   |   |     | : |  | *   | 147.83  | 149.54  |
| 24*  |   |   |     | : |  | AB  | 148.46  | 150.46  |
| 25*  |   |   |     | : |  | AB  | 149.24  | 152.03  |
| 26*  |   |   |     | : |  | AB  | 150.73  | 155.28  |
| TIJD |   |   |     |   |  |     | A       | B       |

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE



MEETPUNT : 5462

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.21.

# SNELHEIDSRICHTING IN GRADEN

MEETPUNT : 5462

| TIJD | ----- |   |    |   |    |    |   |    |     |   | A  | B              |
|------|-------|---|----|---|----|----|---|----|-----|---|----|----------------|
| 1*   | P     |   |    |   |    |    |   |    |     |   | A  | 153.29-179.90  |
| 2*   | A     | B |    |   |    |    |   |    |     |   |    | -169.35-151.42 |
| 3*   |       | A | B  |   |    |    |   |    |     |   |    | -146.33-138.65 |
| 4*   |       |   | AB |   |    |    |   |    |     |   |    | -139.36-134.09 |
| 5*   |       |   | AB |   |    |    |   |    |     |   |    | -140.87-136.97 |
| 6*   |       |   | AB |   |    |    |   |    |     |   |    | -143.18-141.24 |
| 7*   |       |   | *  |   |    |    |   |    |     |   |    | -139.46-139.71 |
| 8*   |       |   |    | * |    |    |   |    |     |   |    | -126.68-128.34 |
| 9*   |       |   |    |   | BA |    |   |    |     |   |    | -105.60-106.59 |
| 10*  |       |   |    |   |    | AB |   |    |     |   |    | -84.01 -78.28  |
| 11*  |       |   |    |   |    |    | A | B  |     |   |    | -64.30 -56.77  |
| 12*  |       |   |    |   |    |    |   | AB |     |   |    | -43.50 -40.47  |
| 13*  |       |   |    |   |    |    |   | *  |     |   |    | -23.01 -22.99  |
| 14*  |       |   |    |   |    |    |   |    | BA: |   |    | -5.17 -6.08    |
| 15*  |       |   |    |   |    |    |   |    | *   |   |    | 11.16 10.70    |
| 16*  |       |   |    |   |    |    |   |    |     | * |    | 27.33 26.69    |
| 17*  |       |   |    |   |    |    |   |    |     |   | BA | 42.42 41.44    |
| 18*  |       |   |    |   |    |    |   |    |     | * |    | 55.13 55.40    |
| 19*  |       |   |    |   |    |    |   |    |     |   | AB | 65.03 67.20    |
| 20*  |       |   |    |   |    |    |   |    |     |   | AB | 73.69 76.45    |
| 21*  |       |   |    |   |    |    |   |    |     |   | *  | 82.44 82.81    |
| 22*  |       |   |    |   |    |    |   |    |     |   | BA | 91.43 88.84    |
| 23*  |       |   |    |   |    |    |   |    |     |   | BA | 99.85 95.91    |
| 24*  |       |   |    |   |    |    |   |    |     |   | *  | 108.48 107.06  |
| 25*  |       |   |    |   |    |    |   |    |     |   |    | 122.42 132.21  |
| 26*  |       |   |    |   |    |    |   |    |     |   | A  | 156.09-179.91  |

TIJD :-----

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.22

MEETPUNT : 2480

T I J D : - - - - -

|           |           |   |     |     |       |        |
|-----------|-----------|---|-----|-----|-------|--------|
| 1*        | :         | A | B   |     | 63.25 | 72.89  |
| 2*        | A B :     |   |     |     | 43.51 | 45.55  |
| 3*        | A B :     |   |     |     | 16.46 | 18.25  |
| 4*        | EA :      |   |     |     | 22.60 | 22.30  |
| 5*        | B A :     |   |     |     | 41.71 | 37.71  |
| 6*        | B A :     |   |     |     | 44.95 | 35.65  |
| 7*        | B A :     |   |     |     | 39.34 | 33.56  |
| 8*        | B A :     |   |     |     | 35.77 | 26.95  |
| 9*        | B A :     |   |     |     | 39.27 | 30.24  |
| 10*       | :B A :    |   |     |     | 54.09 | 51.21  |
| 11*       | :         |   | A B |     | 72.89 | 74.96  |
| 12*       | :         |   |     | A B | 81.01 | 87.12  |
| 13*       | :         |   | A   | B   | 74.43 | 84.71  |
| 14*       | :         | A | E   |     | 58.26 | 65.64  |
| 15*       | A B :     |   |     |     | 37.64 | 47.19  |
| 16*       | A B :     |   |     |     | 16.65 | 24.92  |
| 17*       | A B :     |   |     |     | 23.54 | 30.70  |
| 18*       | A : B     |   |     |     | 46.85 | 51.54  |
| 19*       | :         | A | B   |     | 63.57 | 66.03  |
| 20*       | :         |   | A   | B   | 72.82 | 80.58  |
| 21*       | :         |   |     | A B | 78.85 | 91.11  |
| 22*       | :         |   |     | A B | 83.18 | 97.54  |
| 23*       | :         |   |     | A B | 84.78 | 100.22 |
| 24*       | :         |   |     | A B | 82.87 | 98.51  |
| 25*       | :         |   | A   | B   | 76.32 | 90.29  |
| 26*       | :         | A | B   |     | 63.36 | 72.90  |
| T I J D : | - - - - - |   |     |     |       |        |

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

## MEETPUNT : 2480

TIJD:-----:-----:-----:-----:-----:-----:-----:-----:-----:-----: A B

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A. 14.24.

SNELHEID IN CM/S

MEETPUNT : 5082

| TIJD: |       | A     | B     |
|-------|-------|-------|-------|
| 1*    | B: A  | 54.27 | 48.70 |
| 2*    | :AB   | 51.33 | 51.97 |
| 3*    | : B A | 59.61 | 57.55 |
| 4*    | : B A | 66.02 | 60.13 |
| 5*    | : B A | 65.03 | 60.91 |
| 6*    | : BA  | 60.69 | 59.70 |
| 7*    | : *   | 56.86 | 56.55 |
| 8*    | : BA  | 52.55 | 51.97 |
| 9*    | B :A  | 50.74 | 48.49 |
| 10*   | : B A | 54.66 | 52.93 |
| 11*   | : BA  | 62.52 | 61.59 |
| 12*   | : B A | 70.26 | 66.34 |
| 13*   | : B A | 75.22 | 68.92 |
| 14*   | : B A | 76.29 | 71.91 |
| 15*   | : AB  | 73.71 | 75.36 |
| 16*   | : A B | 70.36 | 78.00 |
| 17*   | : A B | 67.47 | 77.60 |
| 18*   | : A B | 64.72 | 75.35 |
| 19*   | : A B | 61.53 | 71.29 |
| 20*   | : A B | 59.07 | 70.10 |
| 21*   | : A B | 59.91 | 72.65 |
| 22*   | : A B | 63.27 | 75.75 |
| 23*   | : A B | 65.75 | 74.08 |
| 24*   | : A B | 63.90 | 65.79 |
| 25*   | : BA  | 56.20 | 54.93 |
| 26*   | A B:  | 47.31 | 48.70 |
| TIJD: |       | A     | B     |

DEBIETEN ALS OPGELEGDE RANDVOORVAARDEN - MET WESTERSCHELDE

MEETPUNT : 5082

DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

A.14.26.

## MEETPUNT : VLISSINGEN

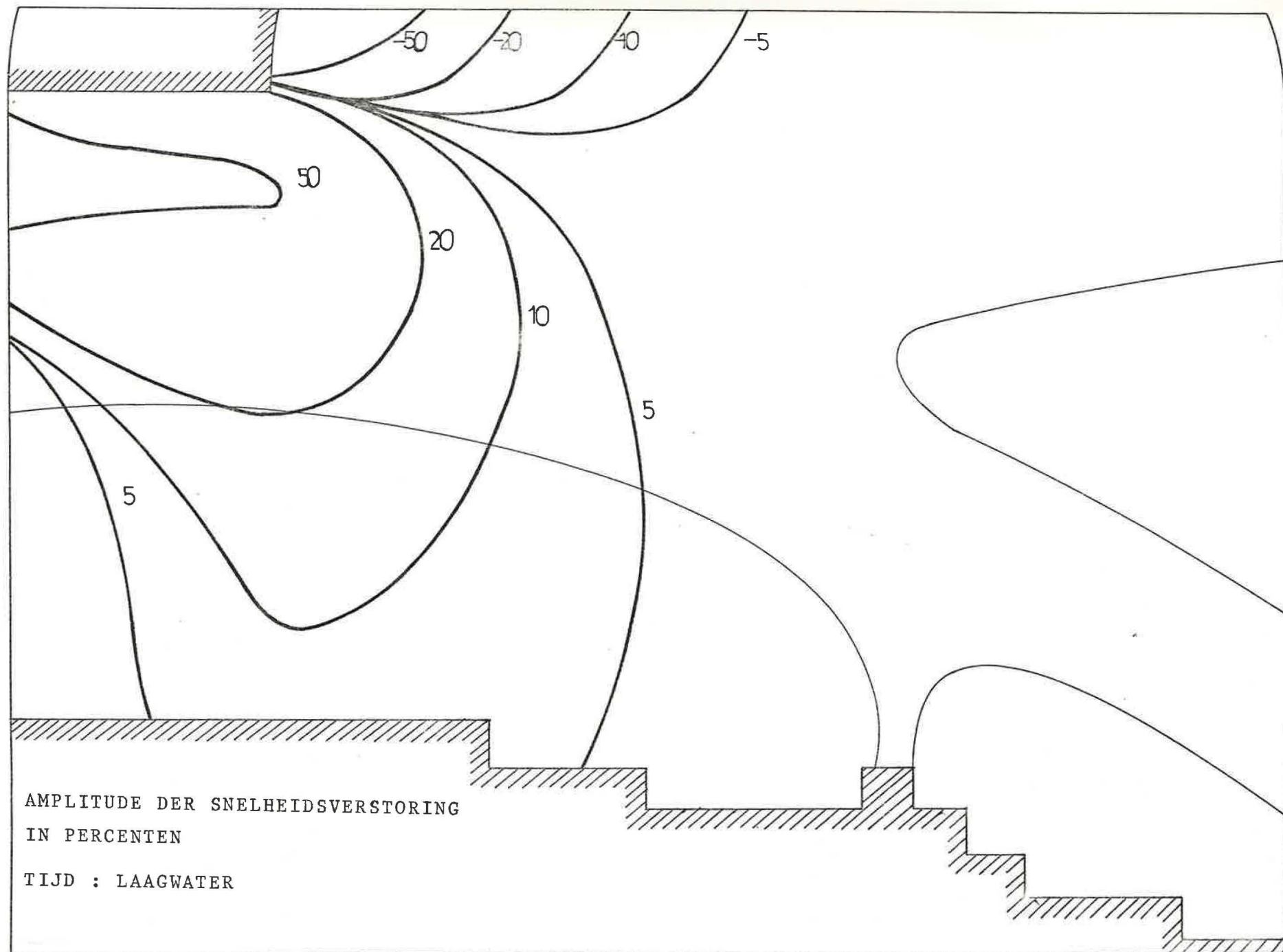
DEBIETEN ALS OPGELEGDE RANDVOORWAARDEN - MET WESTERSCHELDE

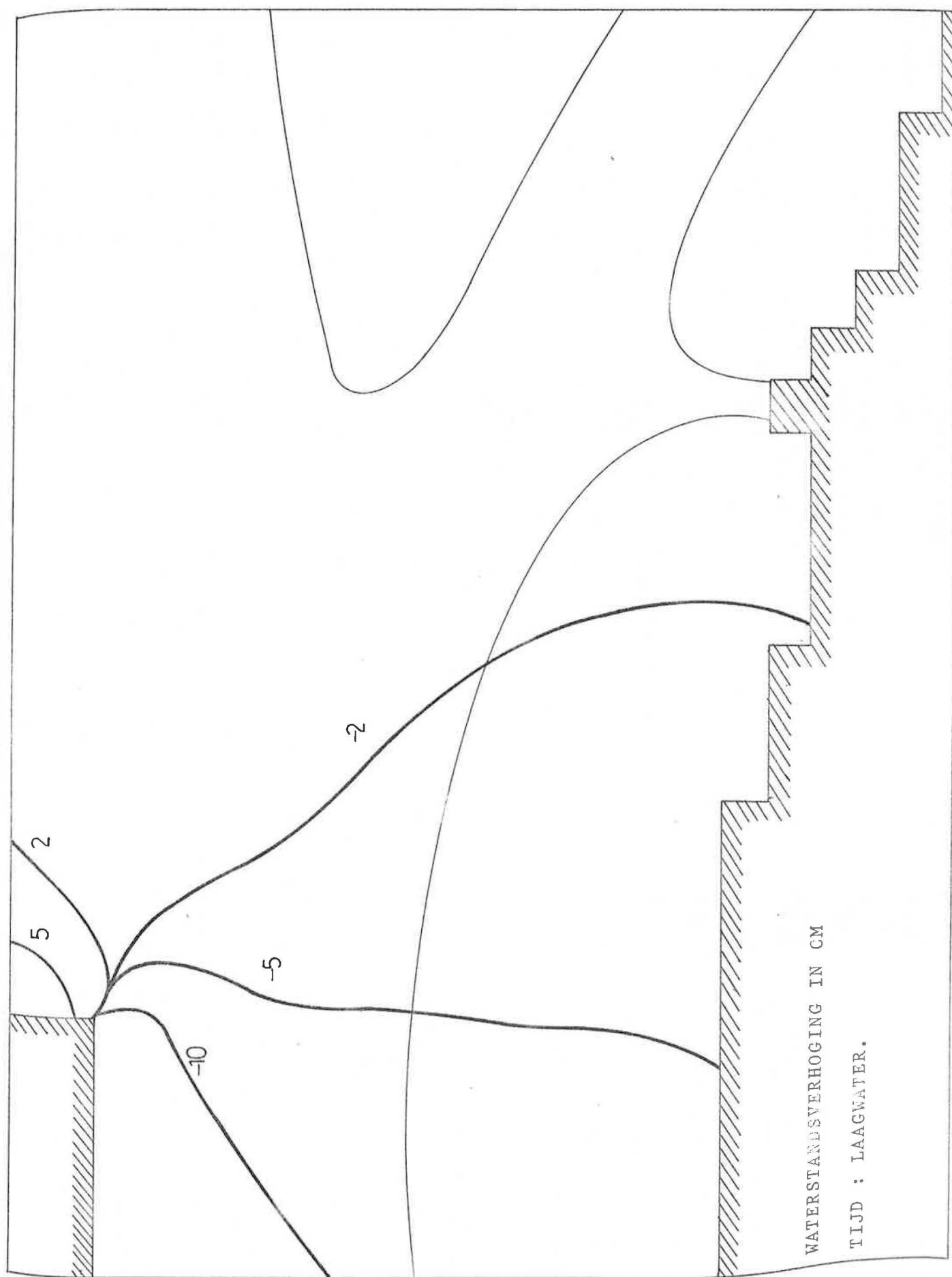
B I J L A G E    15

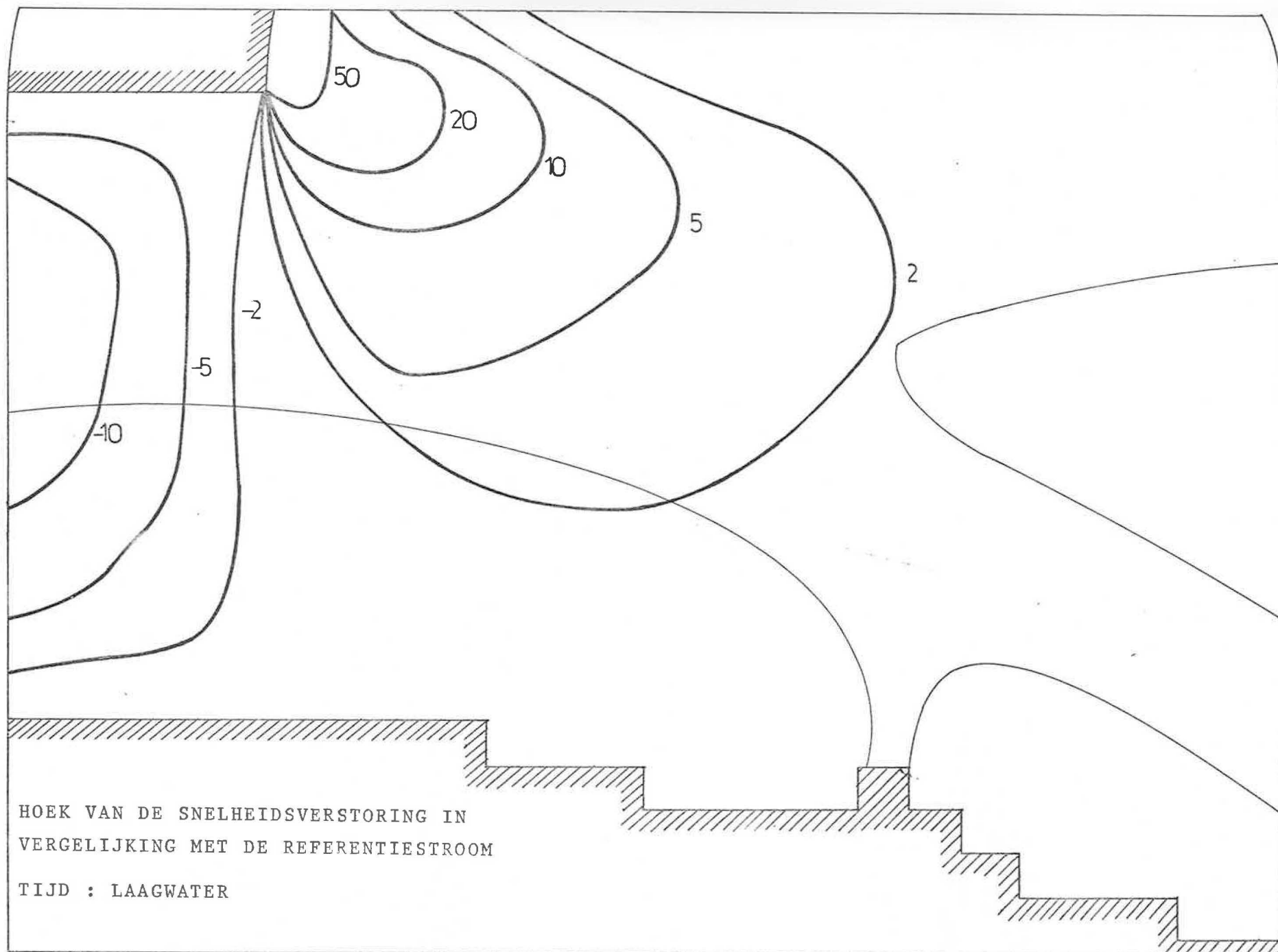
Model ter ondersteuning van de ijking van  
het fysische model (Mod 265 - WLB).

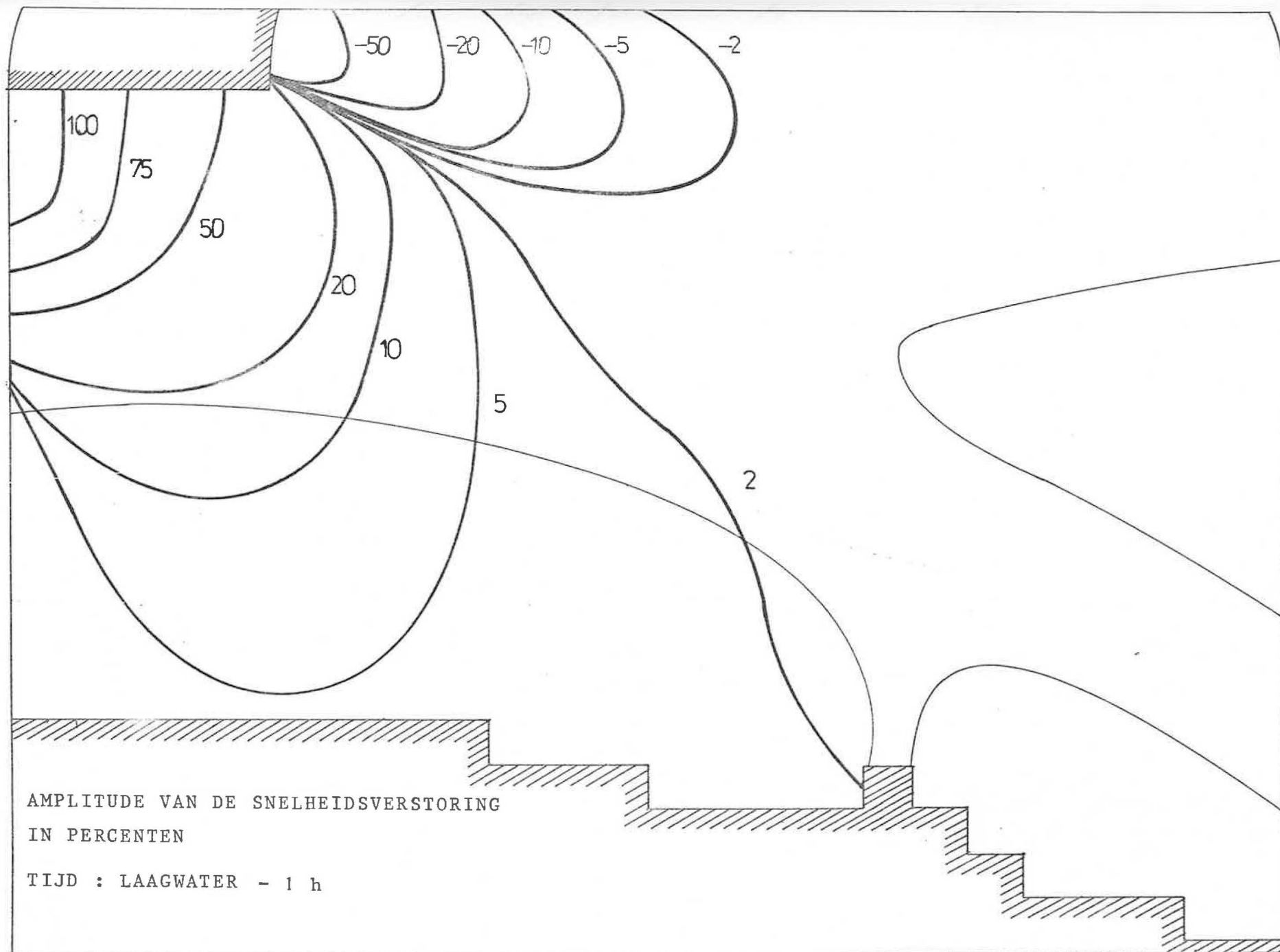
Invloed van de afgesloten noordwestelijke  
hoek van het fysische model.



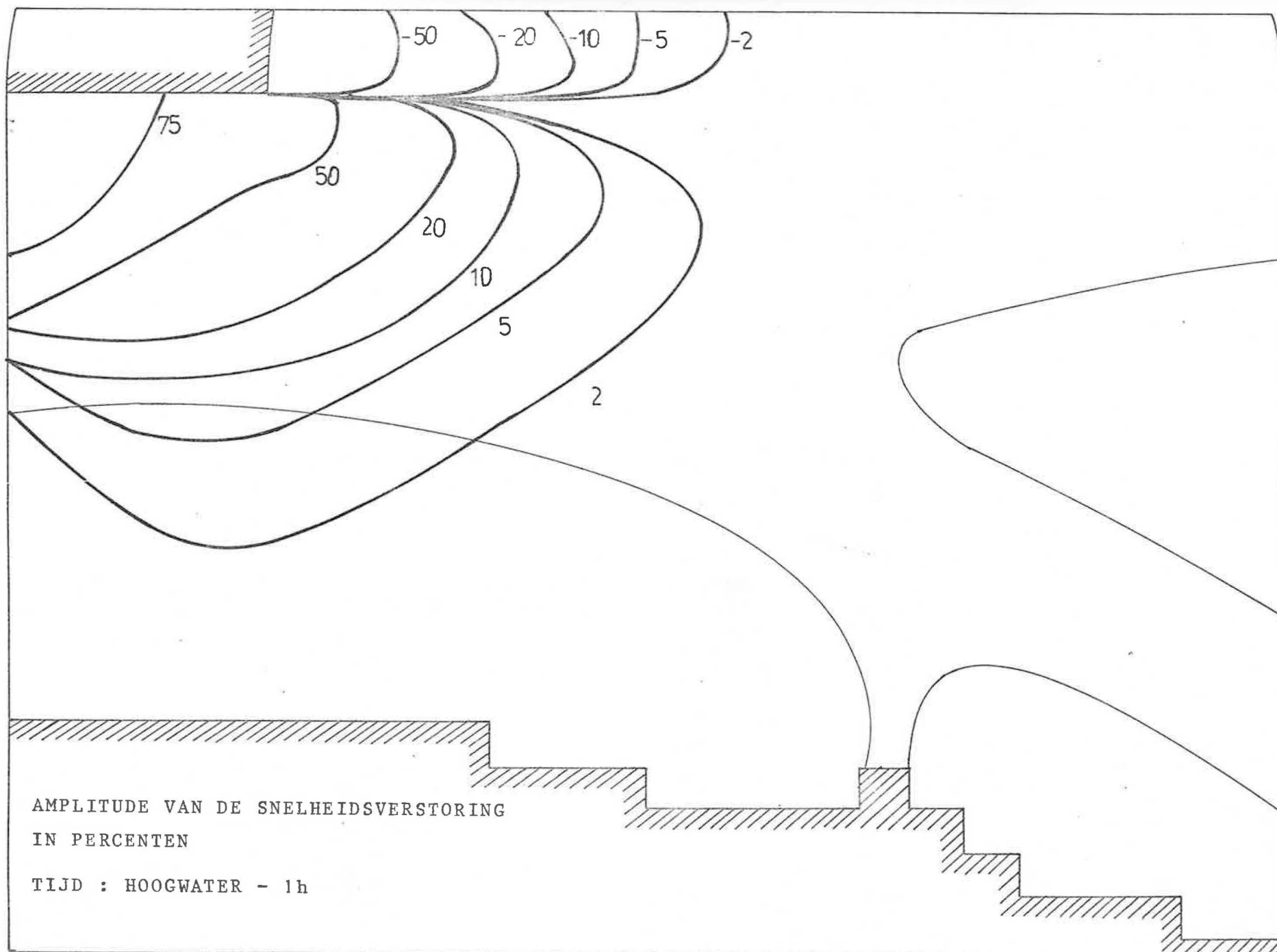


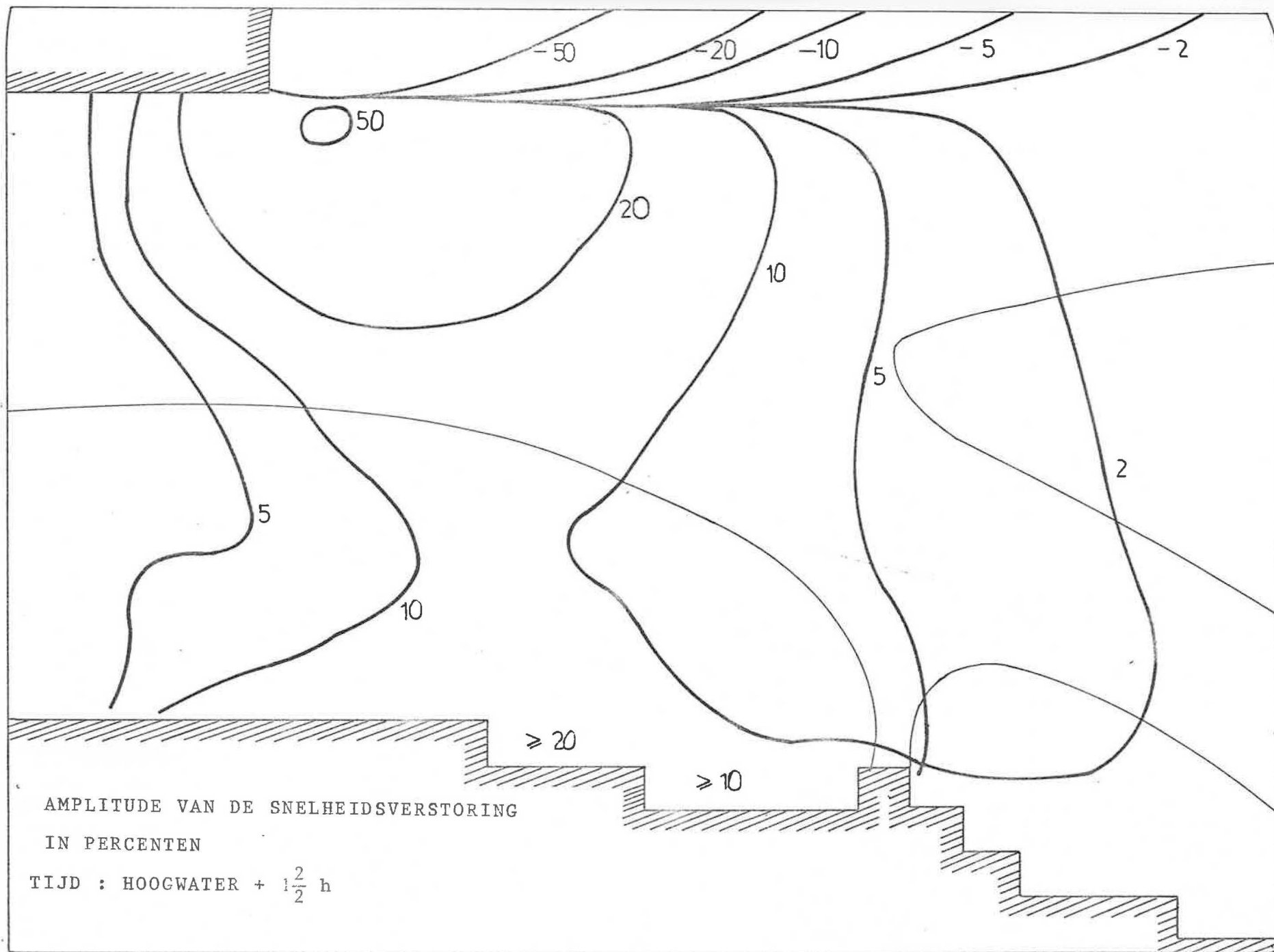












B I J L A G E    16

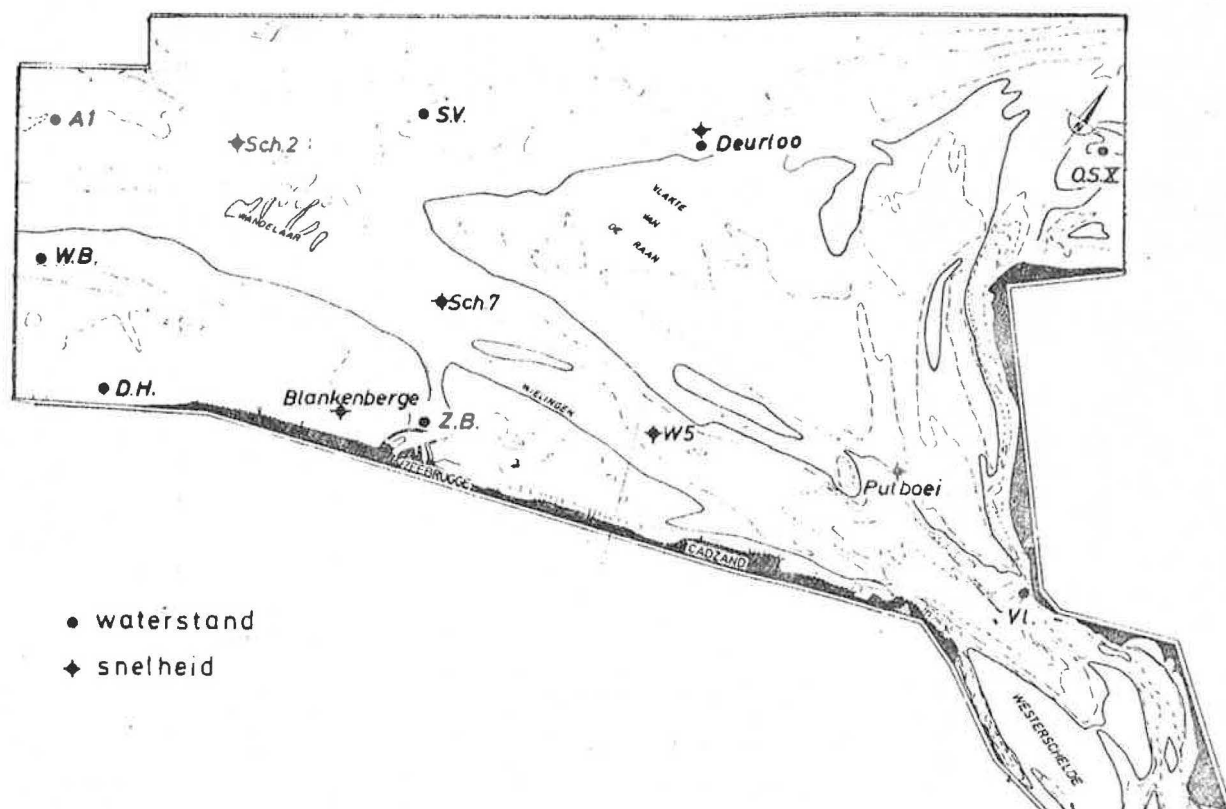
Model ter ondersteuning van de ijking van  
het fysische model (MOD 165 - WLB).  
Invloed van het verwaarlozen van de  
Coriolis term in het fysische model.





Schaal tek.: 1/350.000

BEREKENDE INVLOED VAN HET VERWAARLOZEN  
VAN DE CORIOLISTERM IN HET MODEL

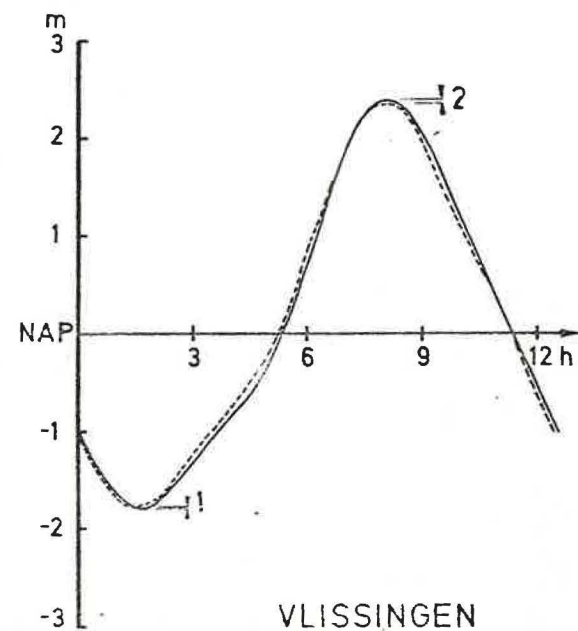
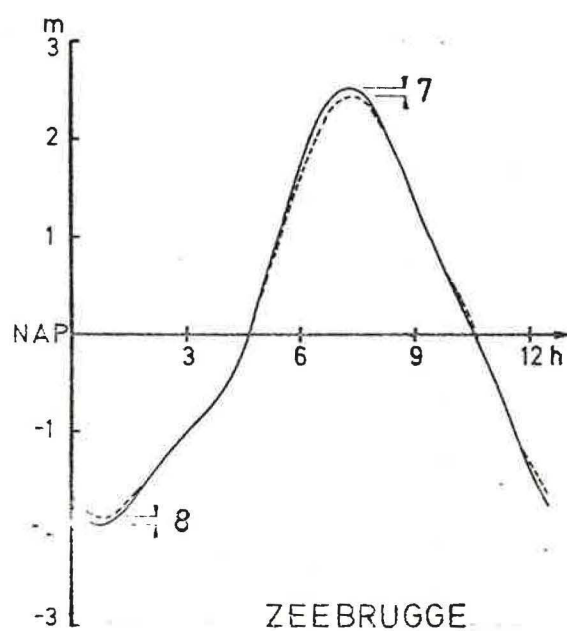
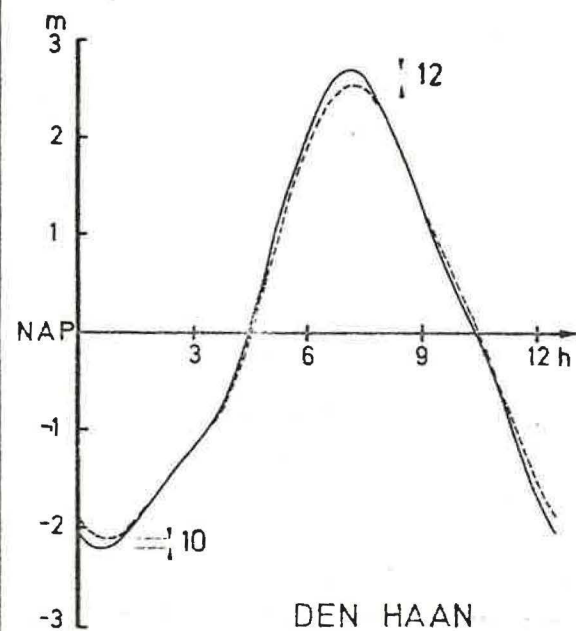
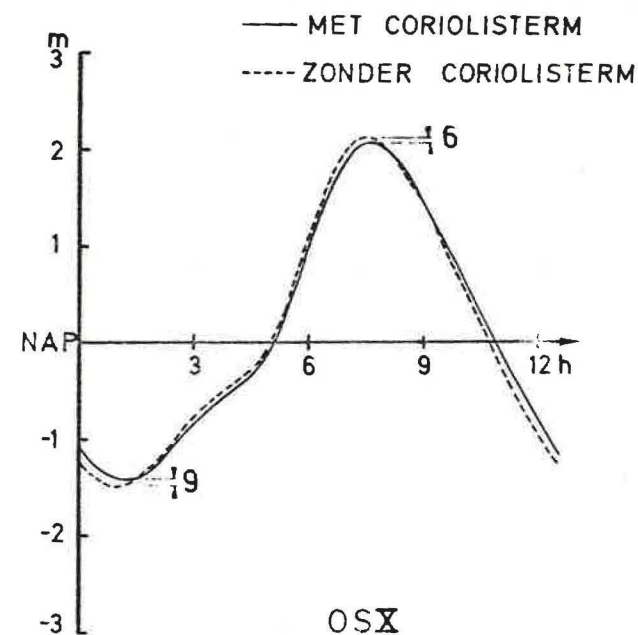
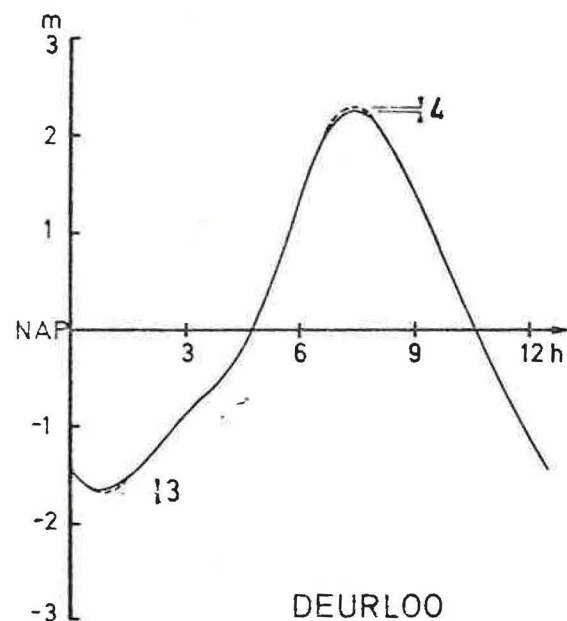
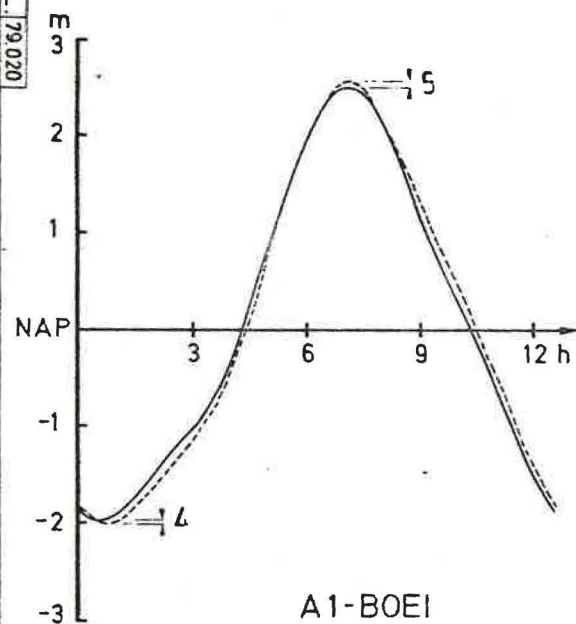


• waterstand  
♦ snelheid

| PUNT    | H.W. (waterstand t.o.v. N.A.P.) cm |        |         | L.W. (waterstand t.o.v. N.A.P.) cm |        |         | TIJAMPLITUDE cm |        |         |
|---------|------------------------------------|--------|---------|------------------------------------|--------|---------|-----------------|--------|---------|
|         | MET                                | ZONDER | Vershil | MET                                | ZONDER | Vershil | MET             | ZONDER | Vershil |
| A1      | 251                                | 256    | + 5     | -199                               | -203   | - 4     | 450             | 459    | + 9     |
| S.V.    | 232                                | 239    | + 7     | -179                               | -184   | - 5     | 411             | 423    | + 12    |
| Deurloo | 225                                | 229    | + 4     | -165                               | -168   | - 3     | 390             | 397    | + 7     |
| O.S.X   | 206                                | 212    | + 6     | -143                               | -152   | - 9     | 349             | 364    | + 15    |
| W.B.    | 261                                | 256    | - 5     | -210                               | -204   | + 6     | 471             | 460    | - 11    |
| D.H.    | 268                                | 256    | - 12    | -221                               | -211   | + 10    | 489             | 467    | - 22    |
| Z.B.    | 249                                | 242    | - 7     | -195                               | -187   | + 8     | 444             | 429    | - 15    |
| VI.     | 240                                | 238    | - 2     | -179                               | -178   | + 1     | 419             | 416    | - 3     |

„MET“: Berekening met Coriolistterm

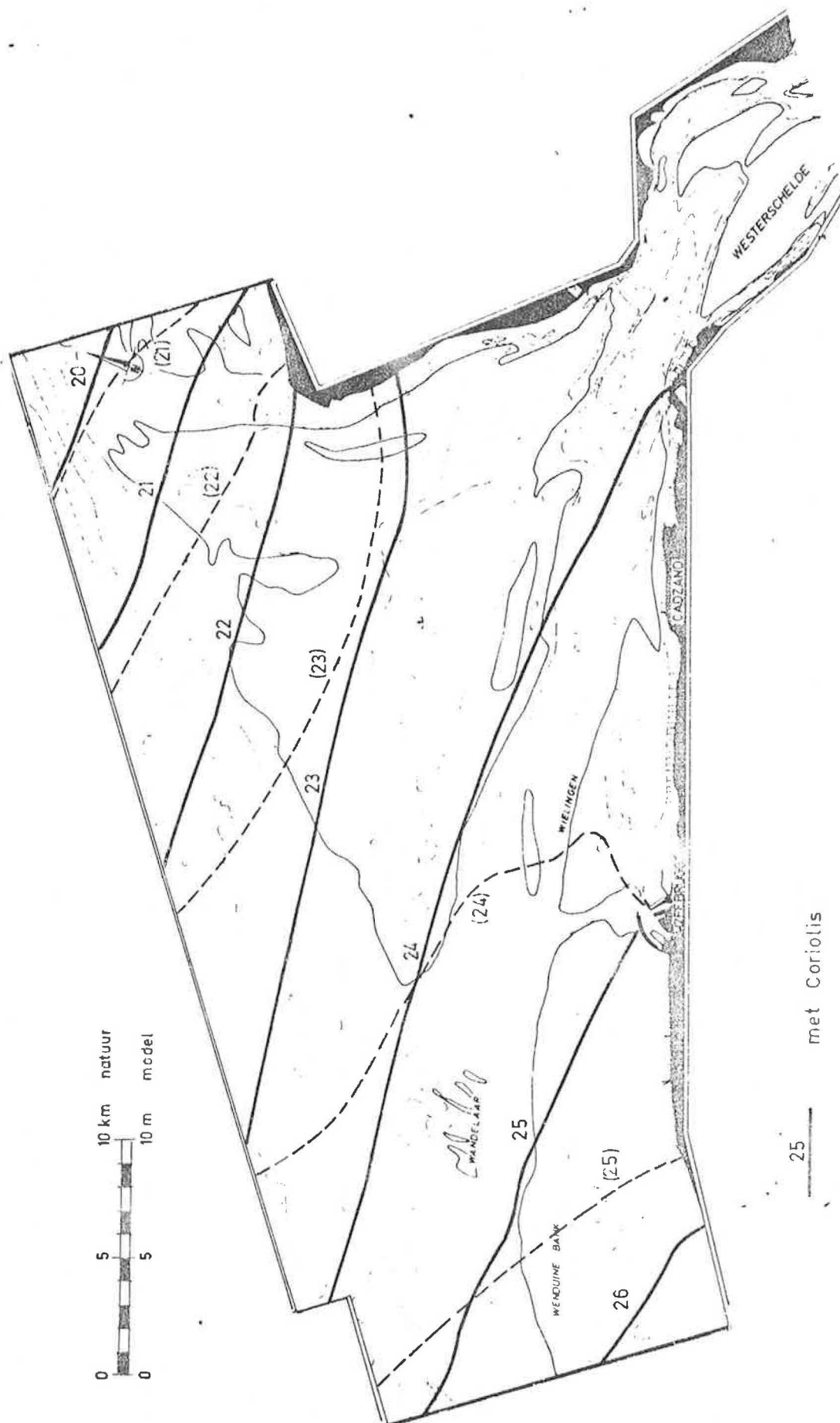
„ZONDER“: Berekening zonder Coriolistterm



maten in cm



BEREKENDE INVLOED V.H. VERWAARLOZEN V.D.  
CORIOLISTERM — LIJNEN VANGELIJKE WATERSTAND  
OP HET OGENBLIK VAN HOOG WATER TE ZEEBRUGGE



Hoogwater Zeebrugge

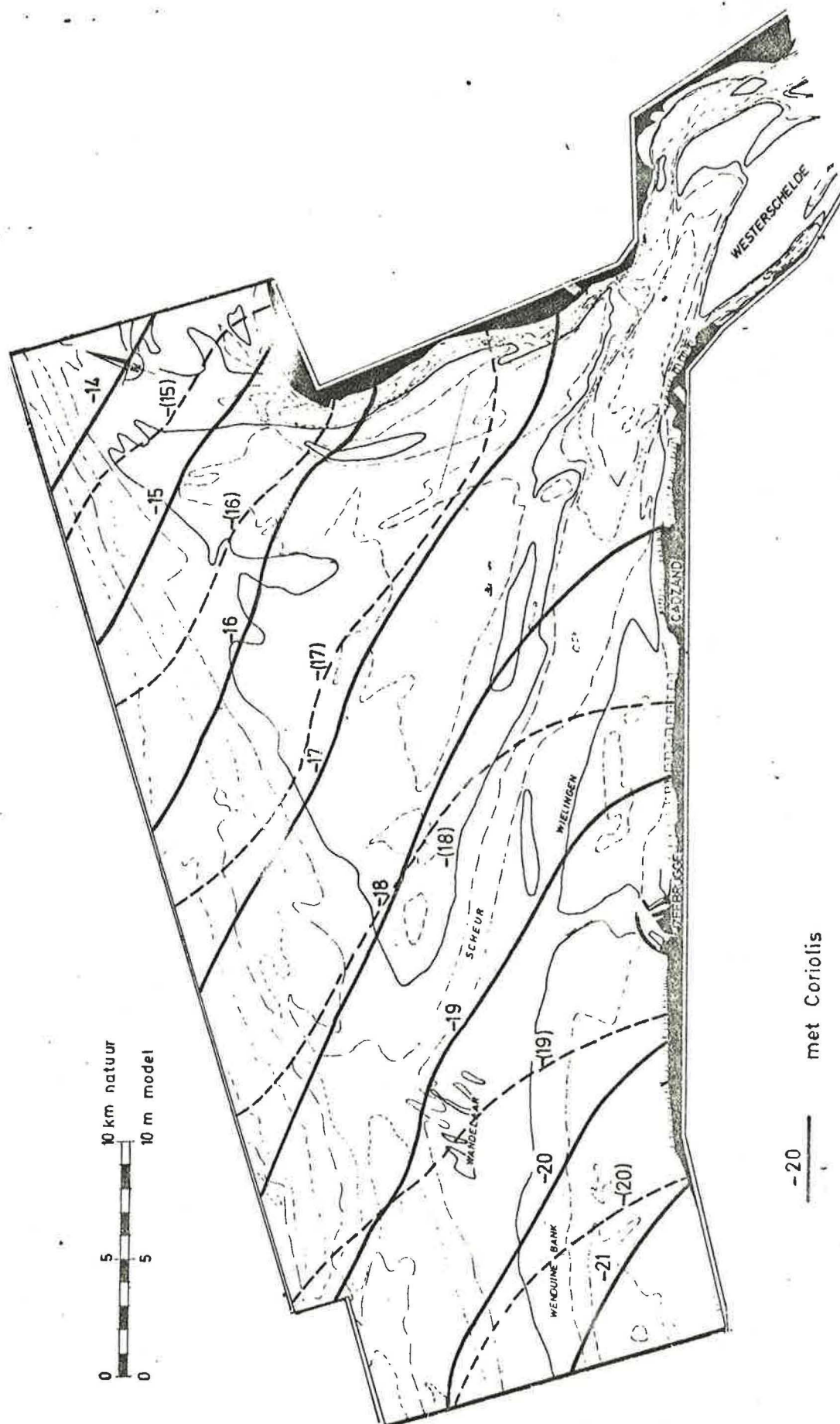
25 — met Coriolis  
— (25) — zonder Coriolis

waterpeil in dm tov. N.A.P.





BEREKENDE INVLOED V.H. VERWAARLOZEN V.D.  
CORIOLISTERM — LIJNEN VANGELIJKE WATERSTAND  
OP HET OGENBLIK VAN LAAG WATER TE ZEEBRUGGE



0 5 10 km natuur  
0 5 10 m model

-20 — met Coriolis

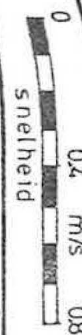
-20 - - zonder Coriolis

Laagwater Zeebrugge

waterpeil in dm tov. N.A.P.



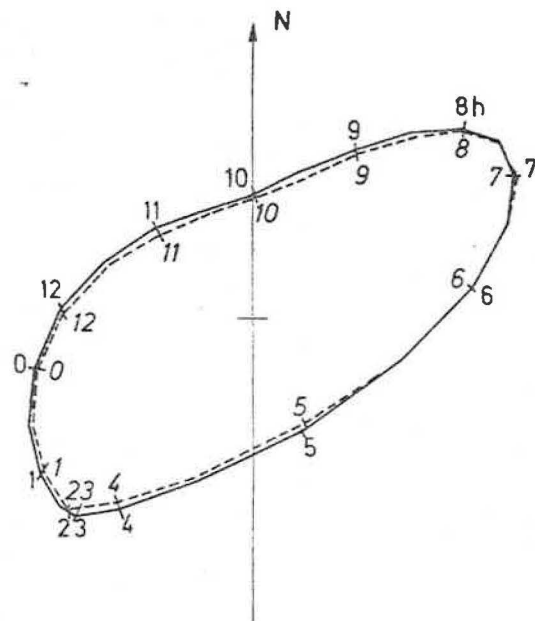
WATERBOUWKUNDIG  
LABORATORIUM  
borgerhout antwerpen



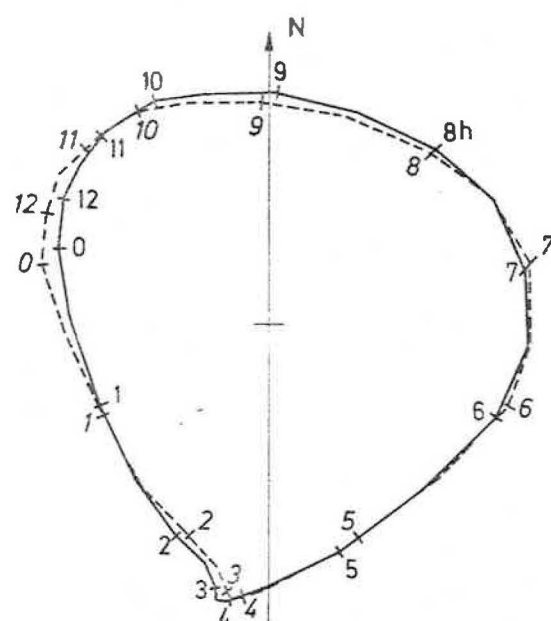
MOD. 265/2-1 TIJVOERZICHTSMODEL V.D. KUST  
EN HET SCHELDEESTUARIUM

A. 16.5.

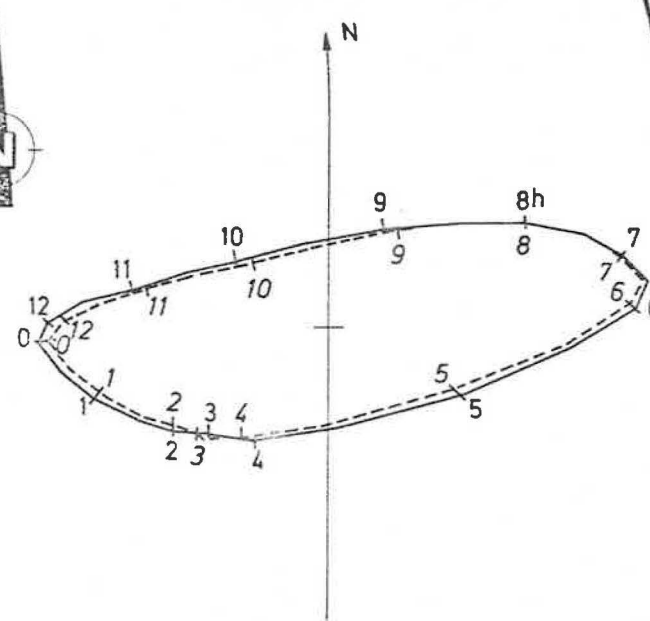
BEREKENDE INVLOED V.H. VERWAARLOZEN V.D. CORIOLISTERM  
IN HET MODEL OP DE GEMIDDELTE SNELHEID



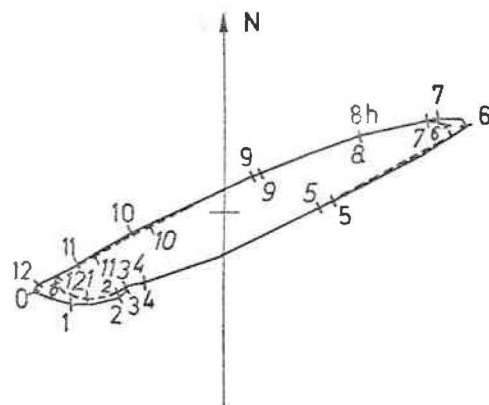
SCHEUR - 2



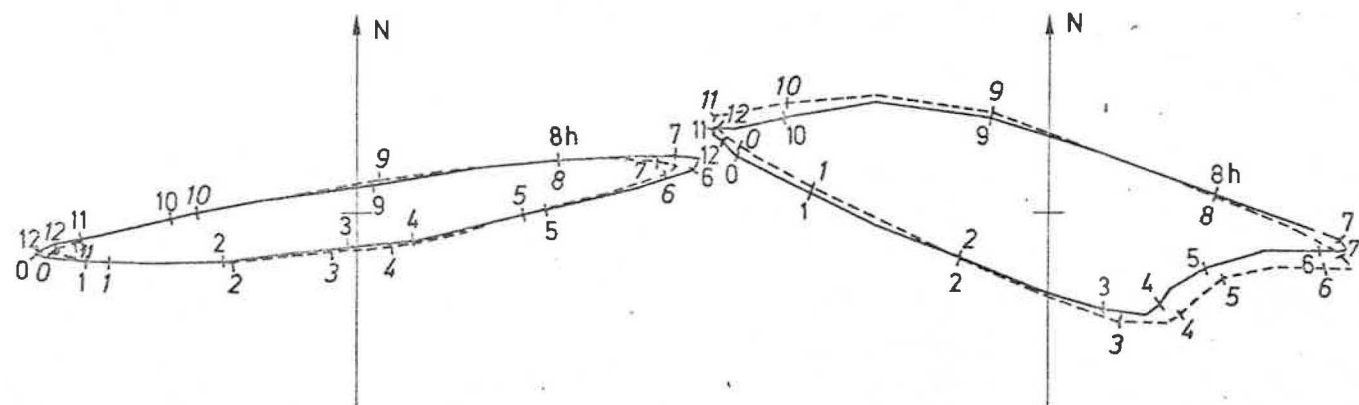
DEURLOO



SCHEUR - 7

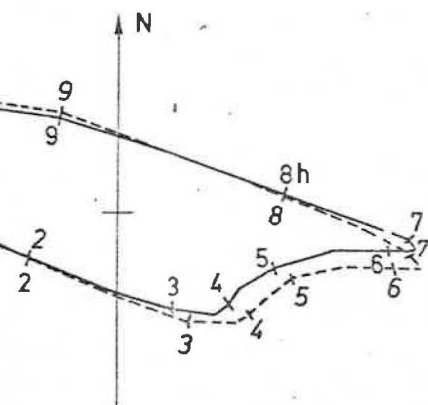


BLANKENBERGE



W.5

— MET CORIOLISTERM  
- - - ZONDER CORIOLISTERM



PUTBOEI

B I J L A G E    17

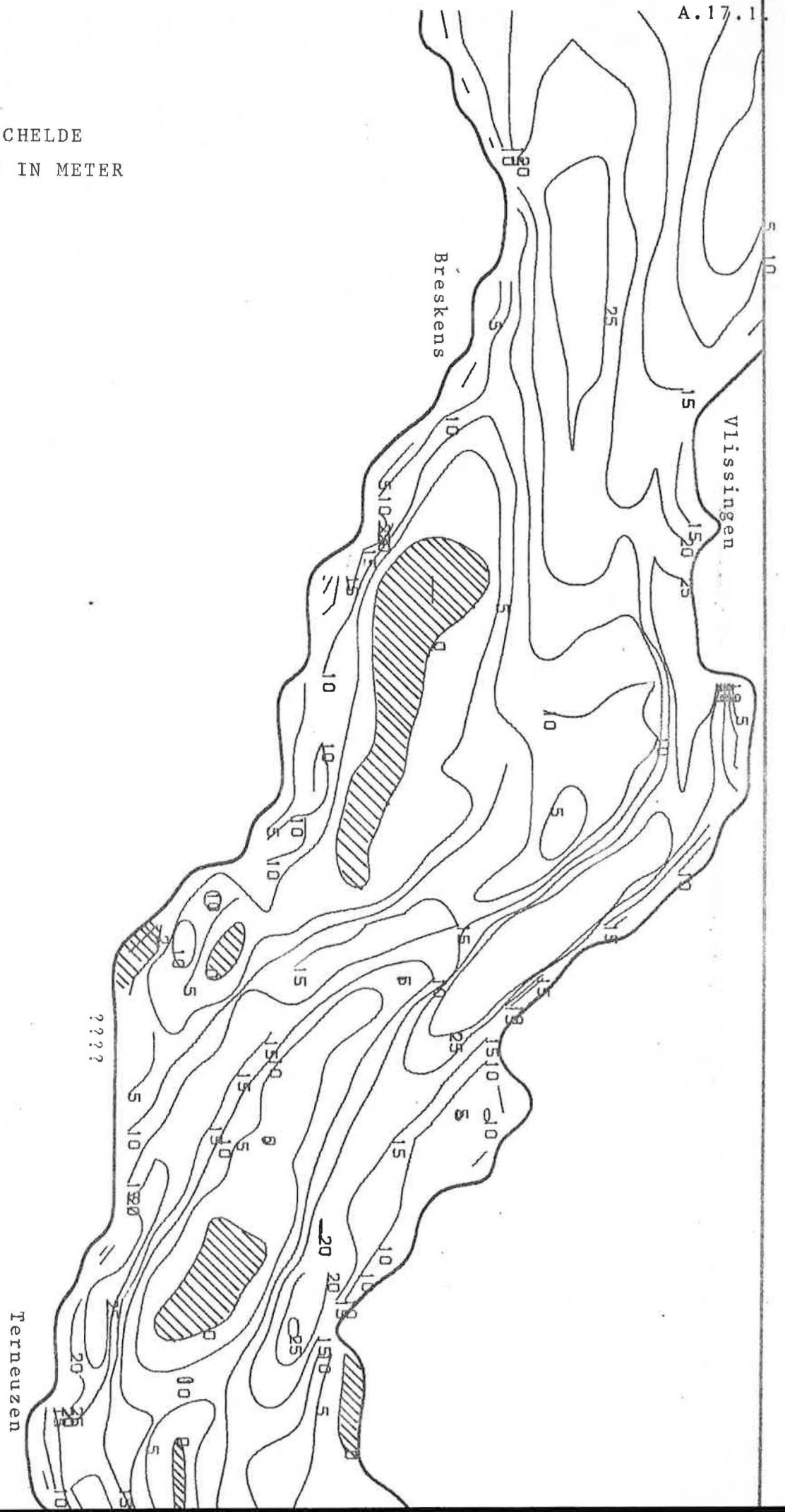
Westerschelde

Wiskundig model met mazen van 500 m.

—— waarnemingen

..... berekeningen

WESTERSCHELDE  
DIEPTEN IN METER



WESTERSCHELDE  
DIEPTEN IN METER



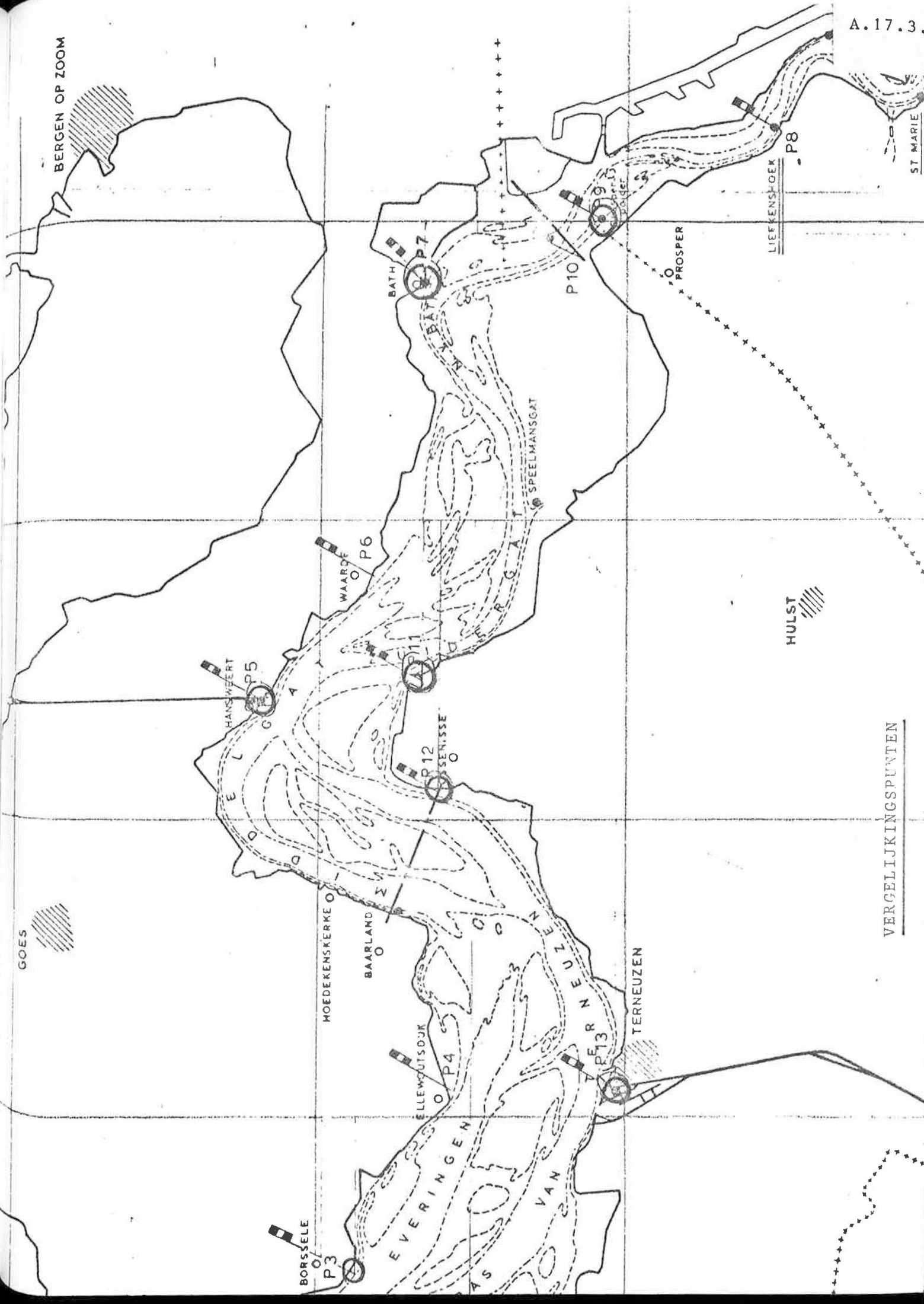


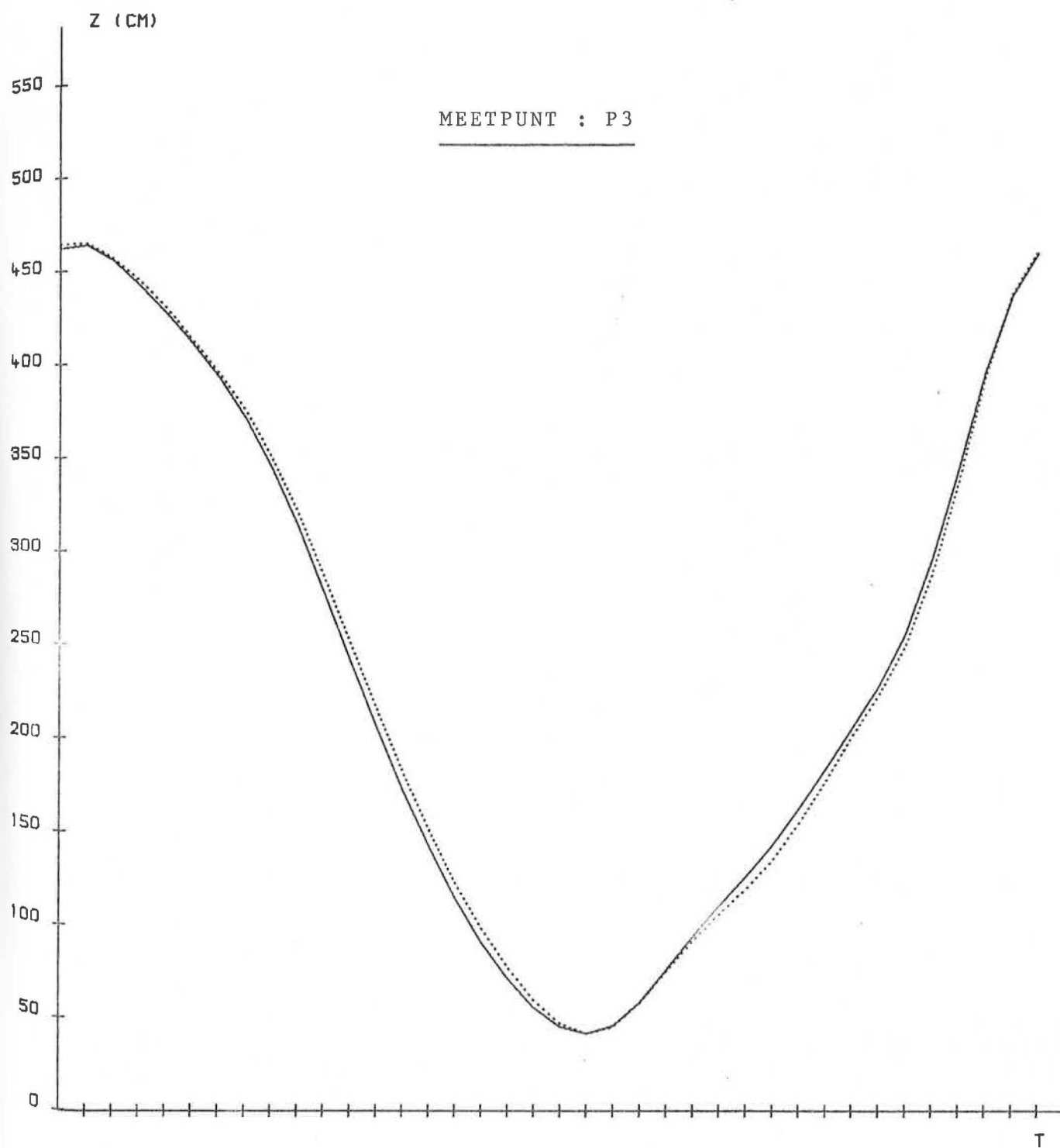
BERGEN OP ZOOM

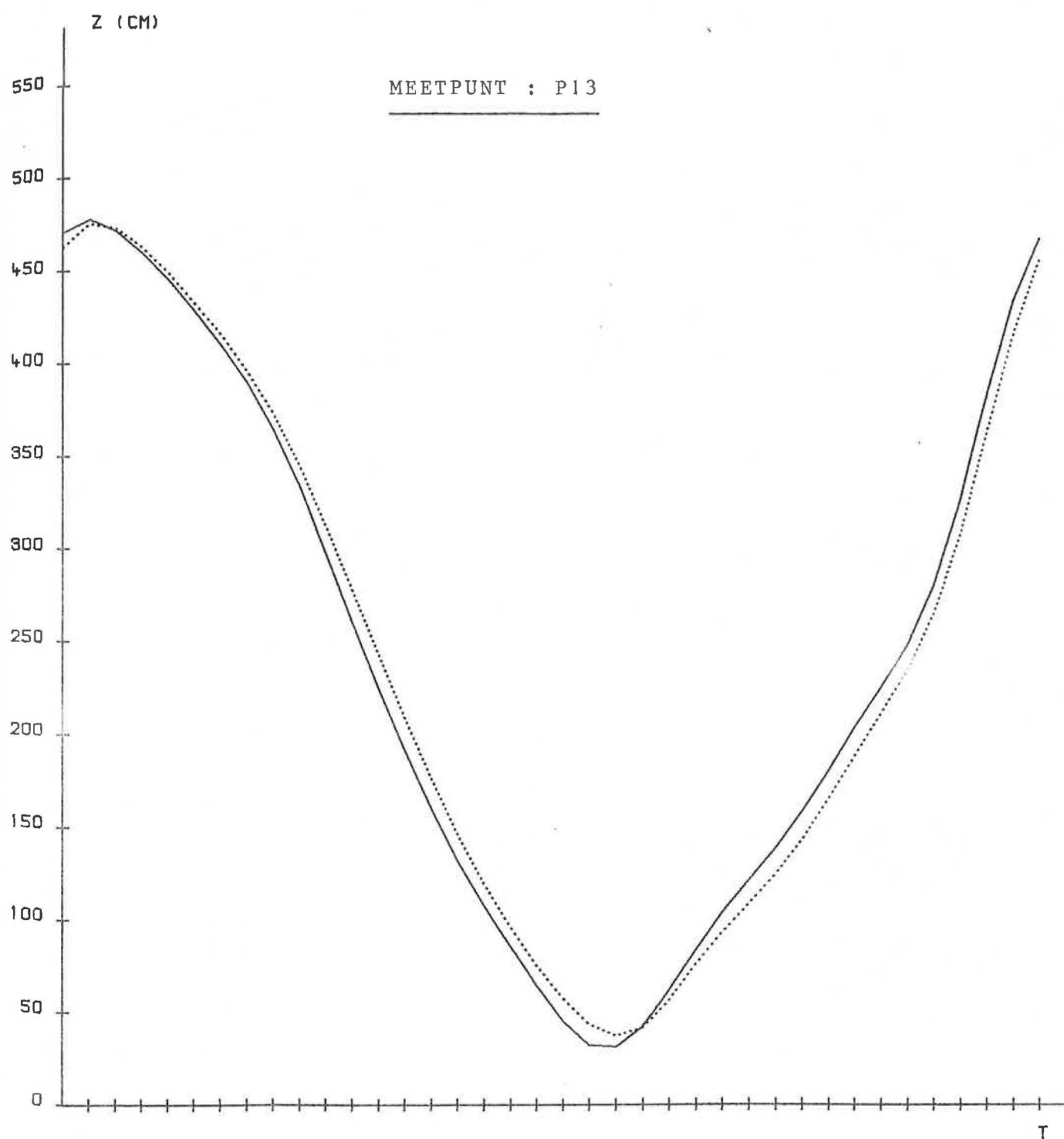
GOES

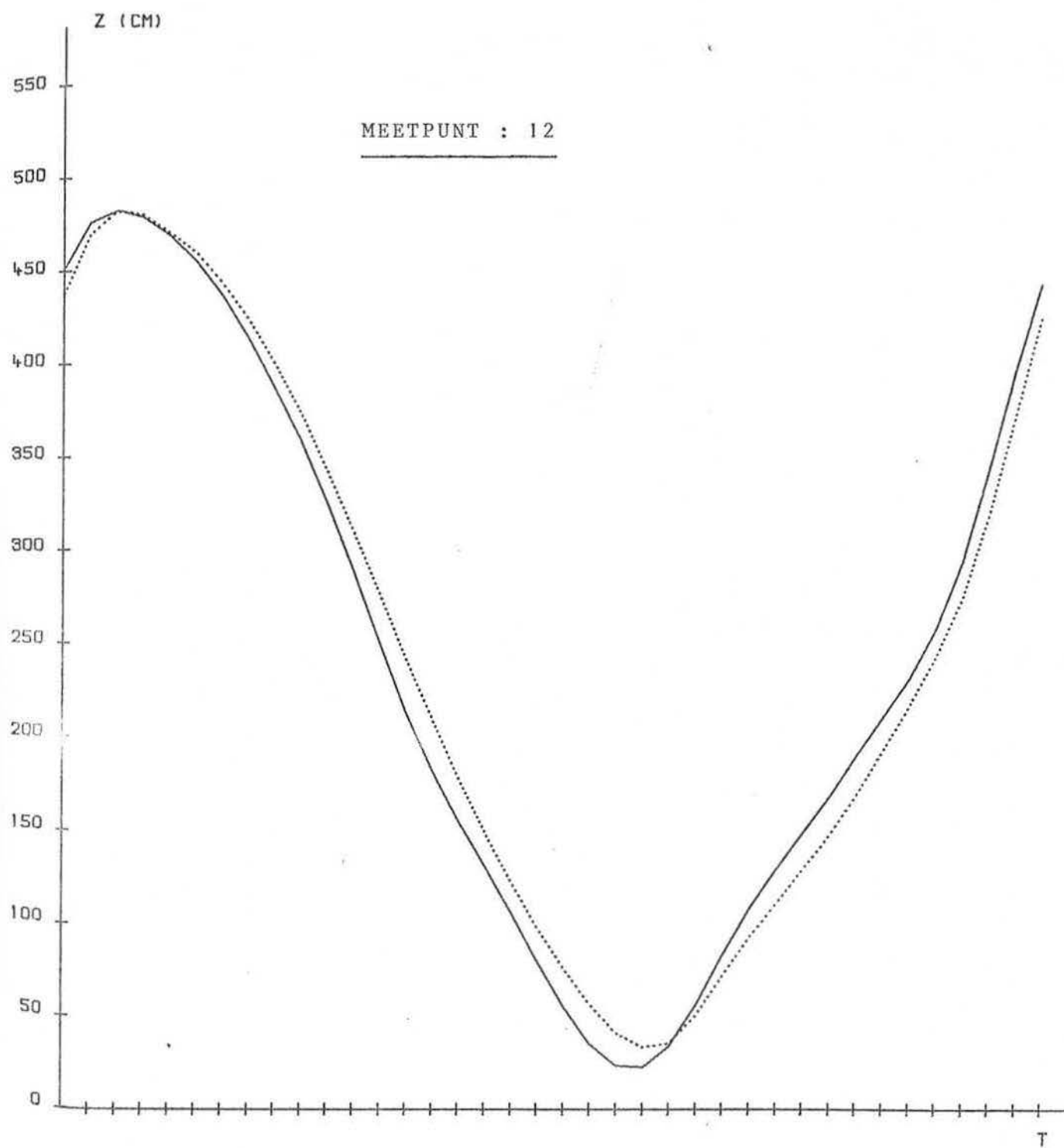
HULST

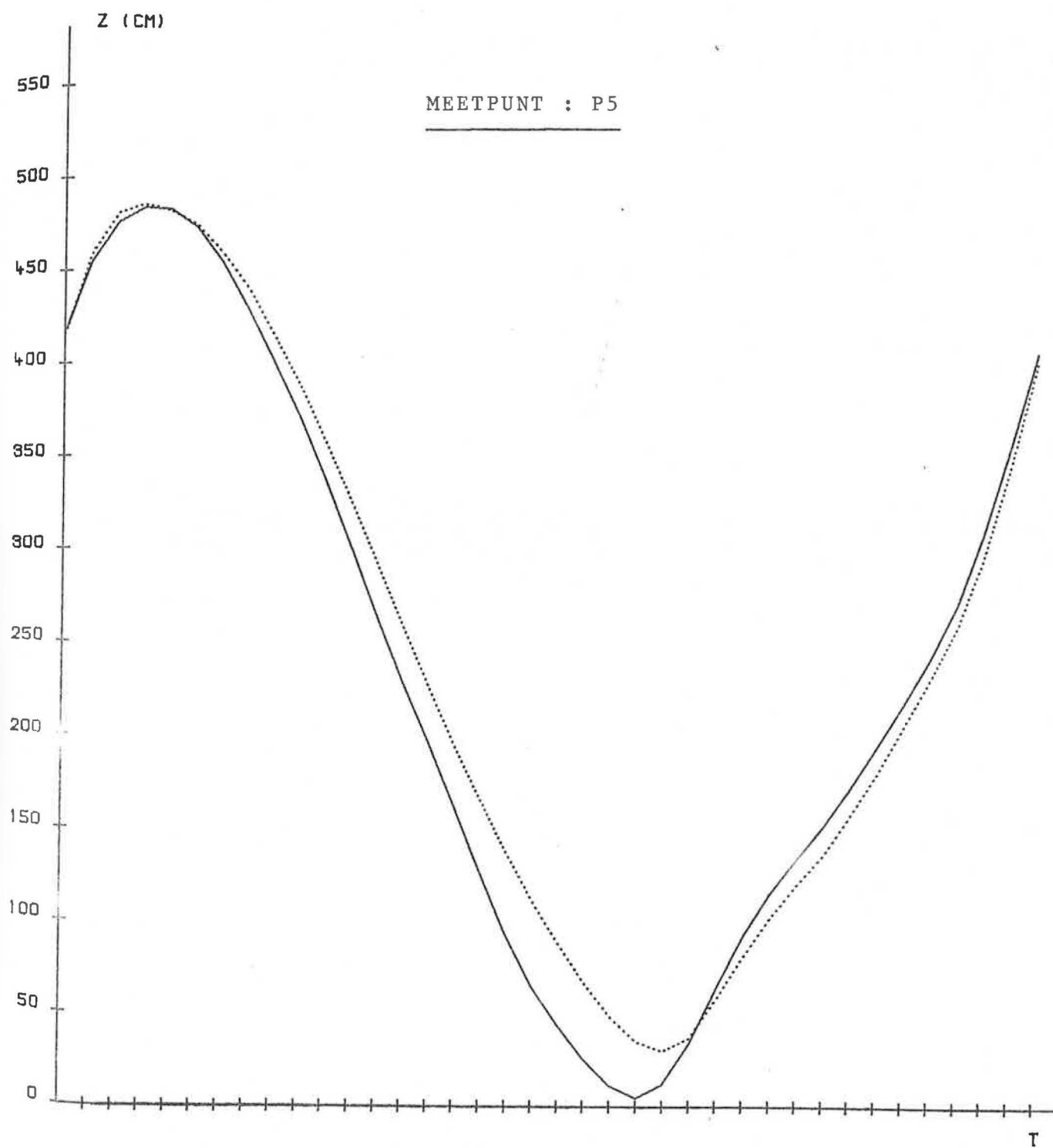
VERGELIJKINGSPUNTEN

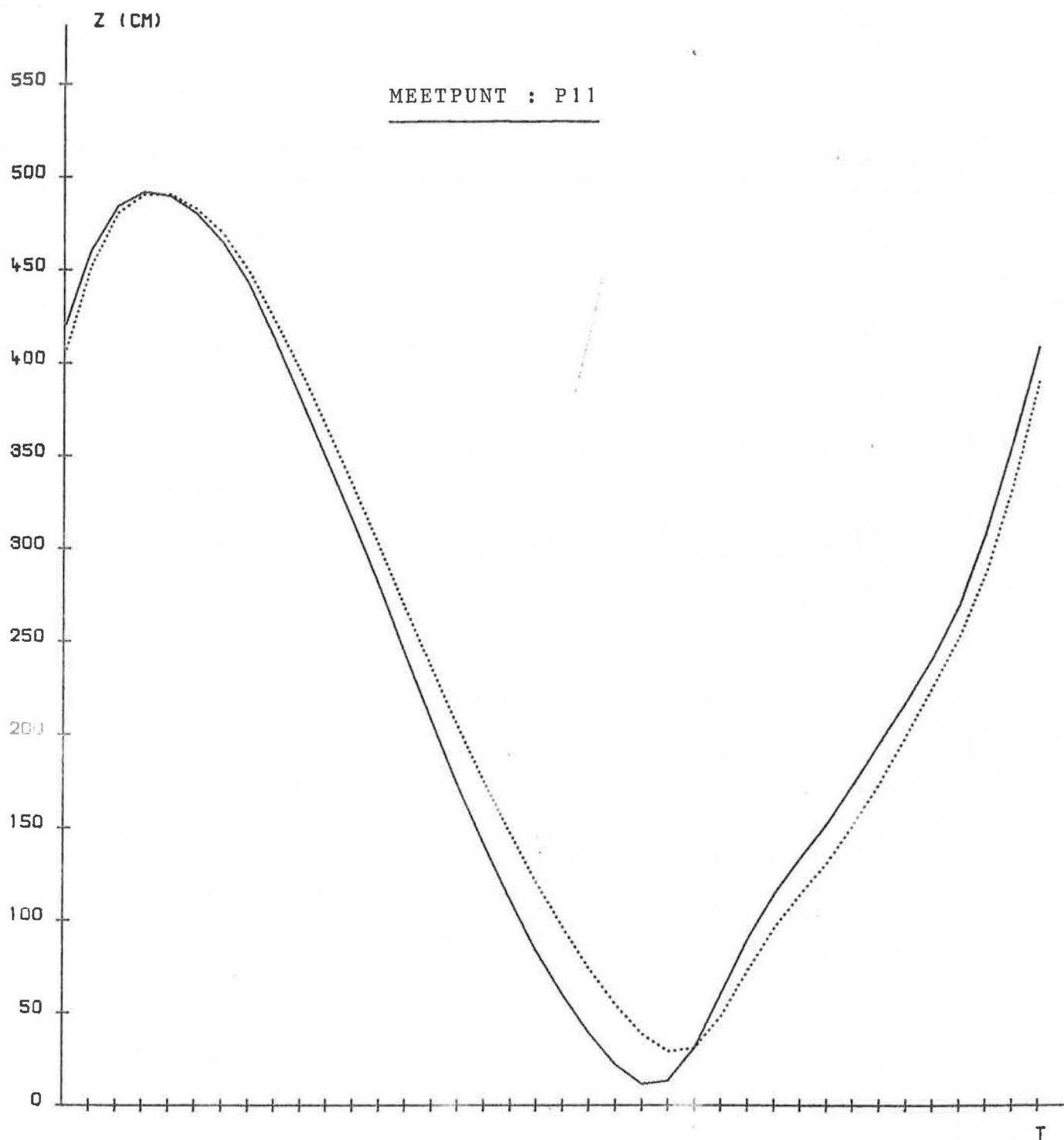


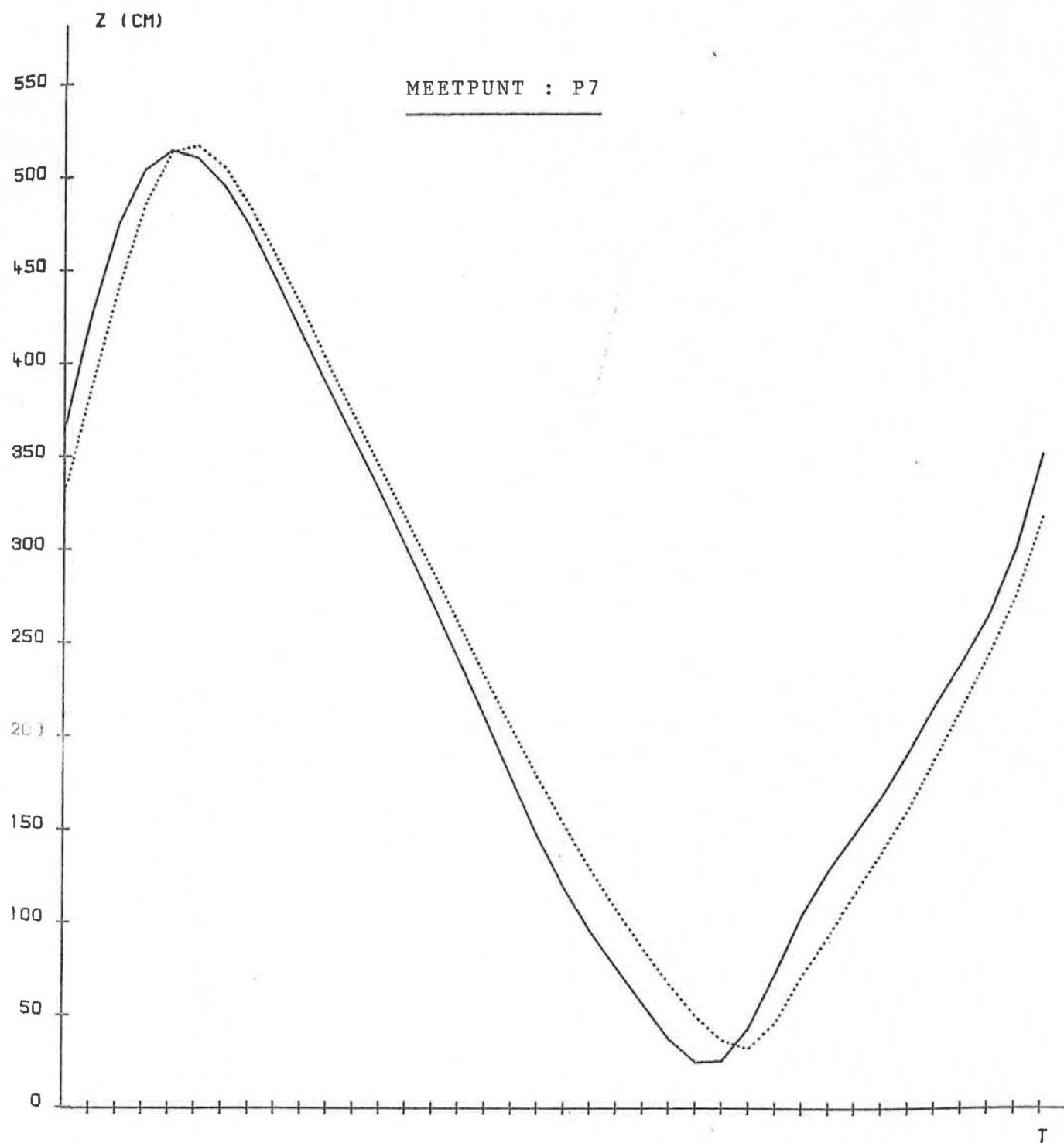


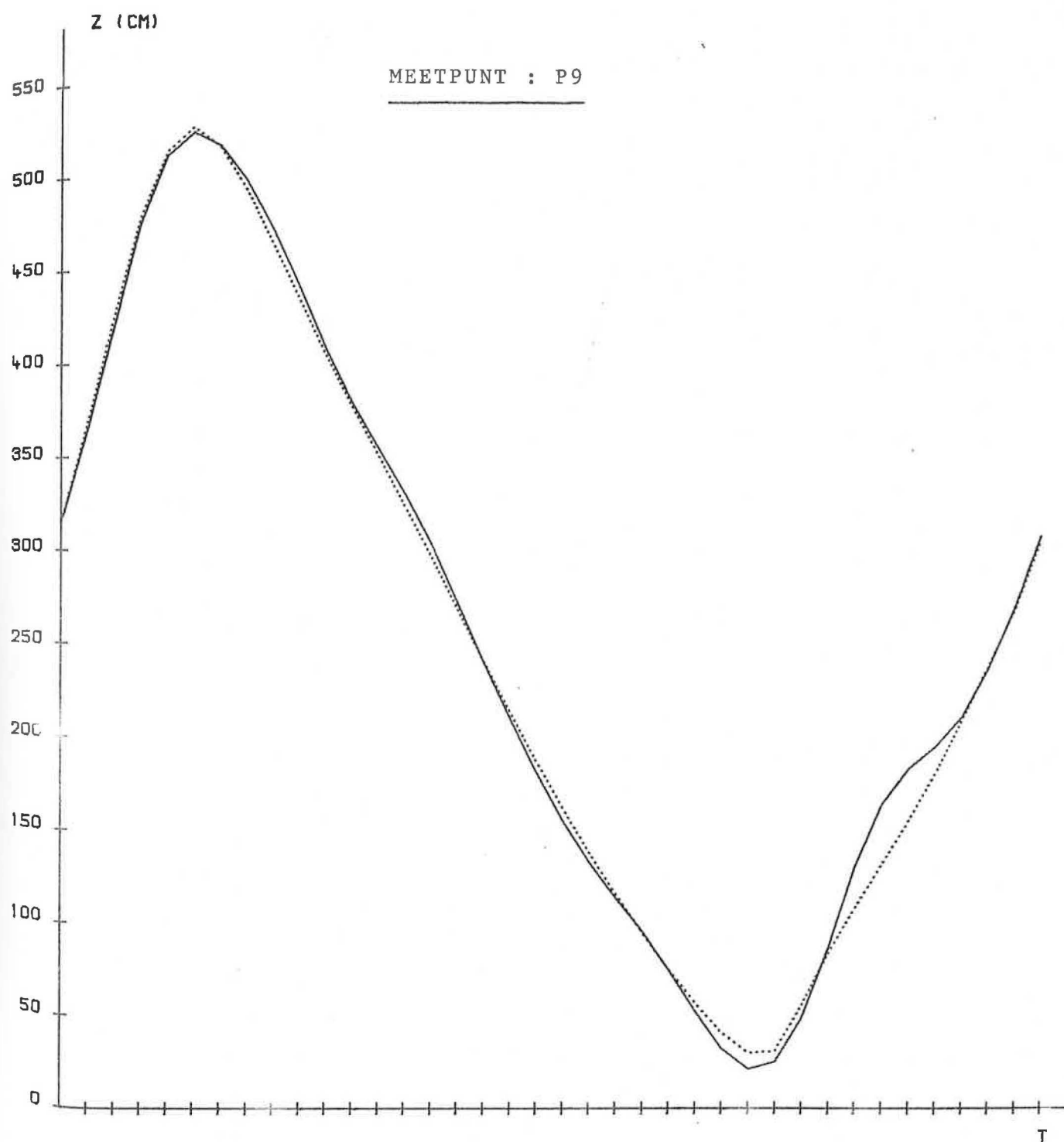




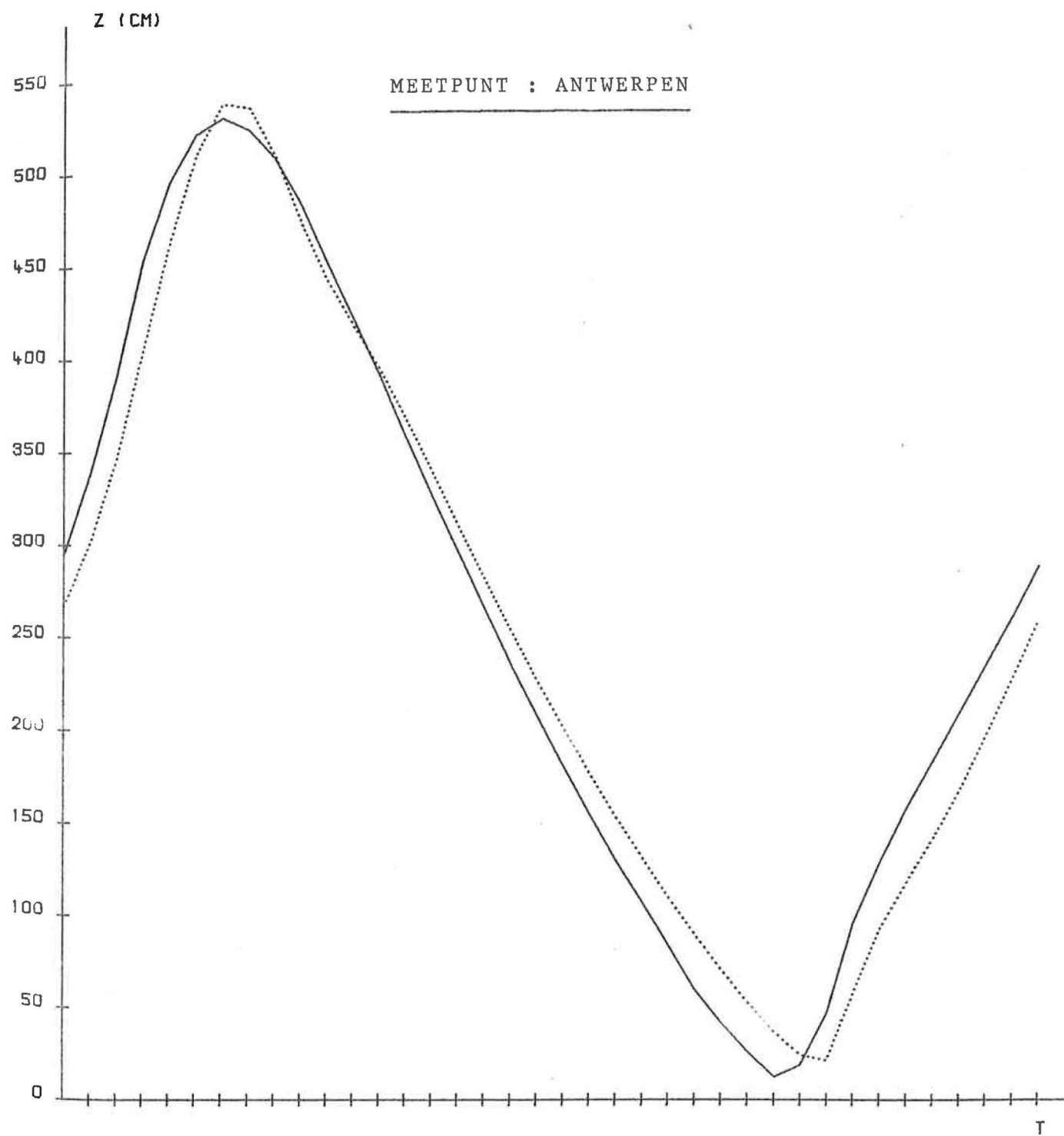


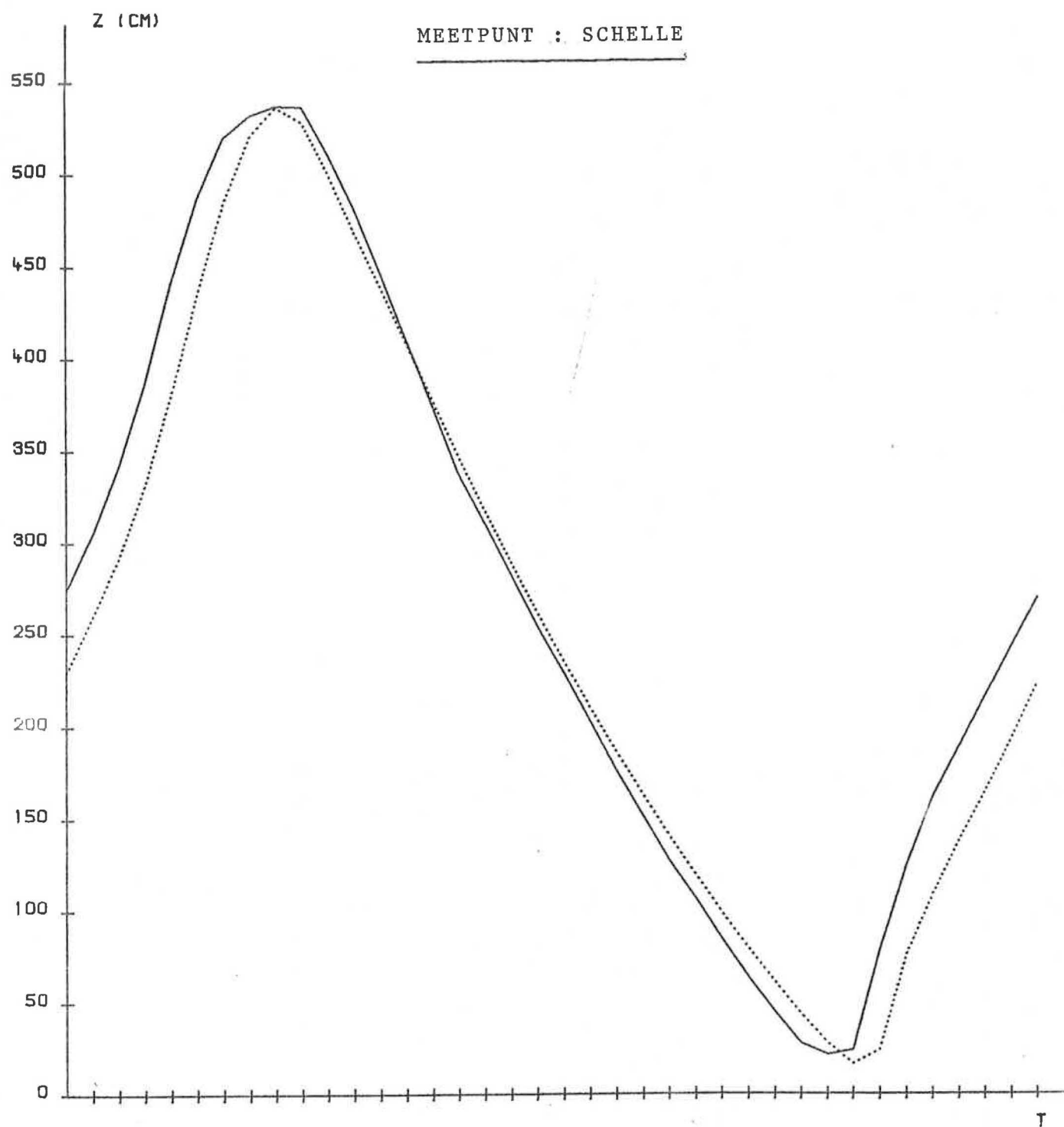


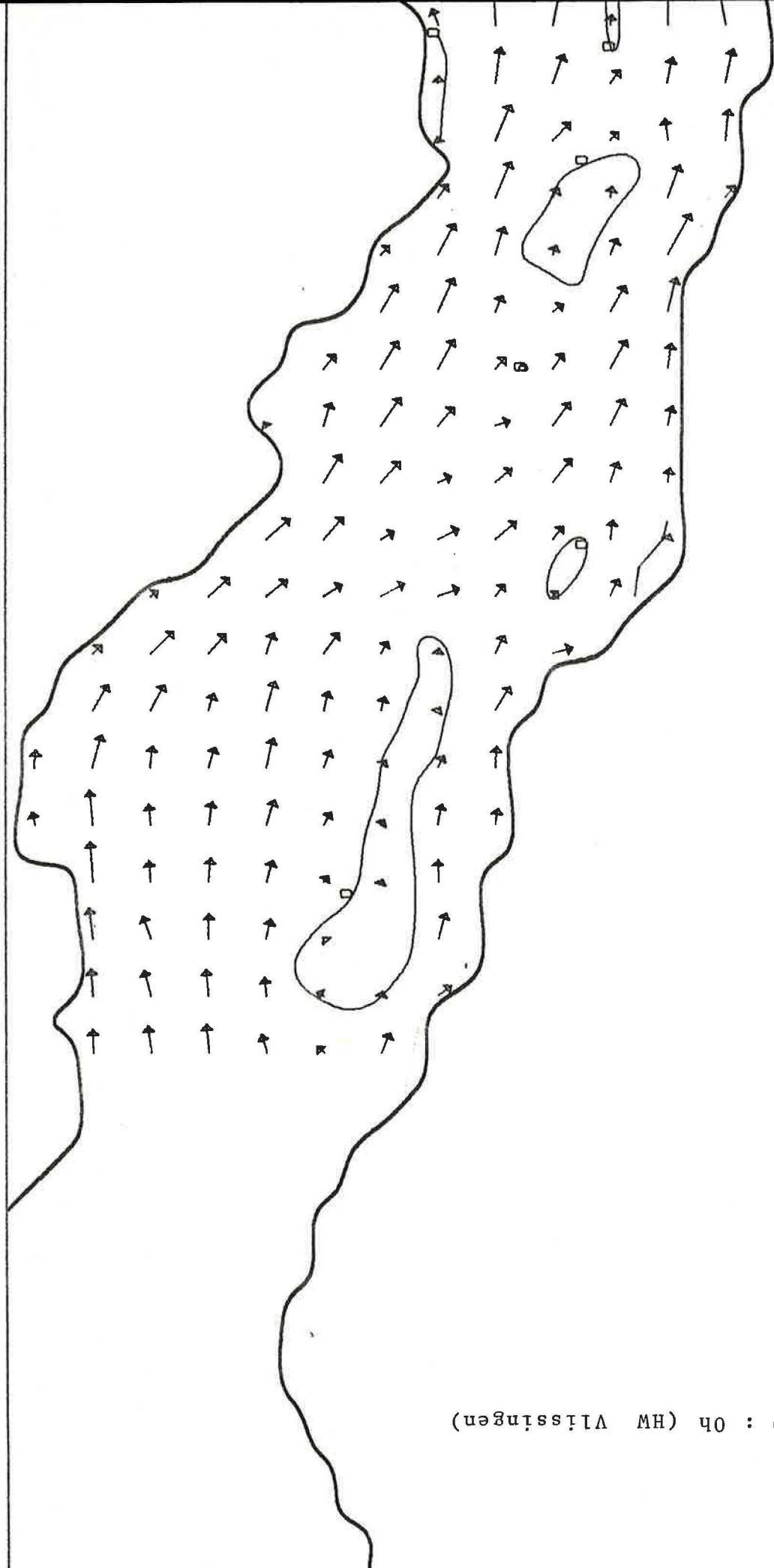






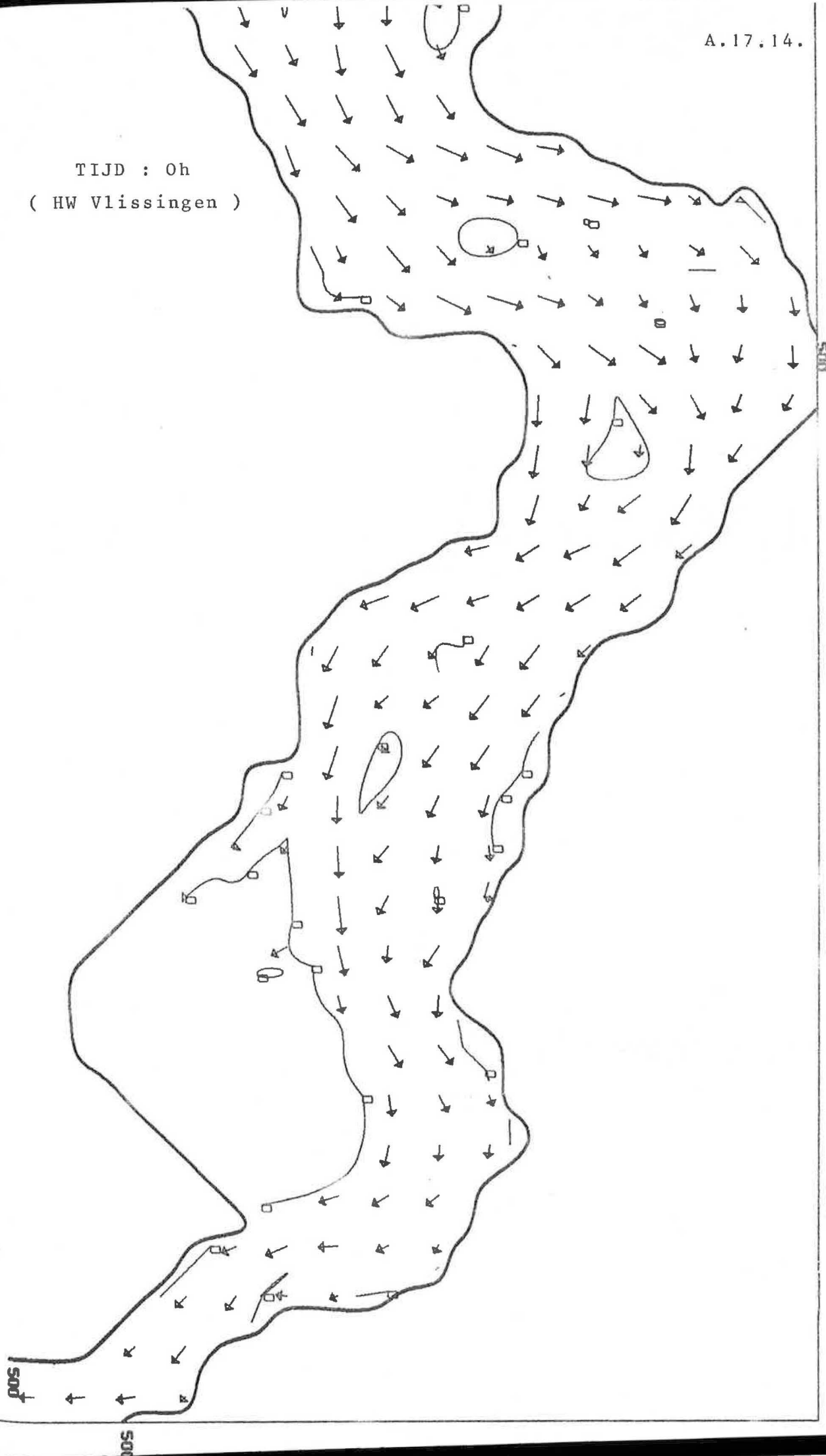




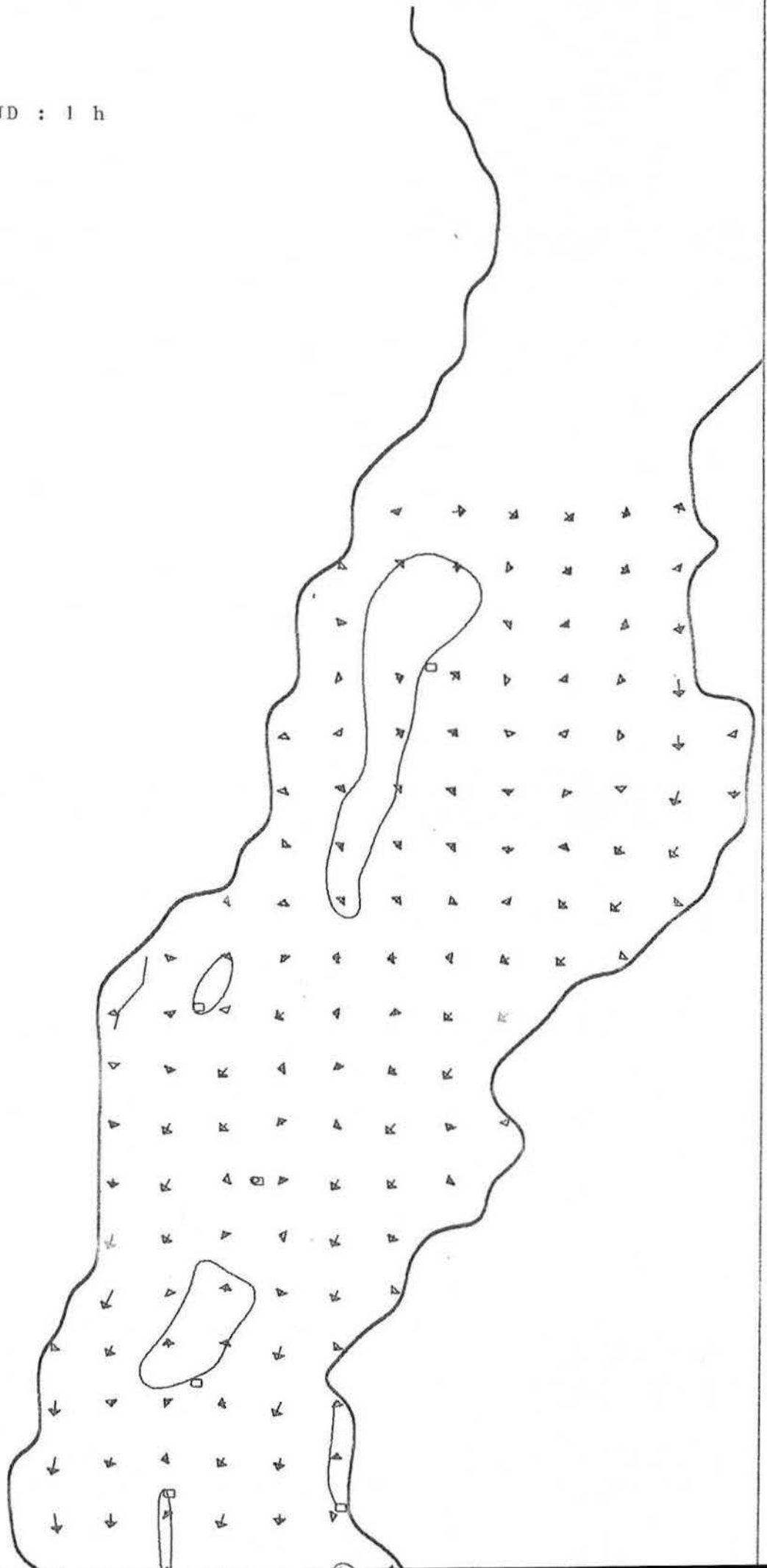


TILD : Oh (MH) Vliissingen)

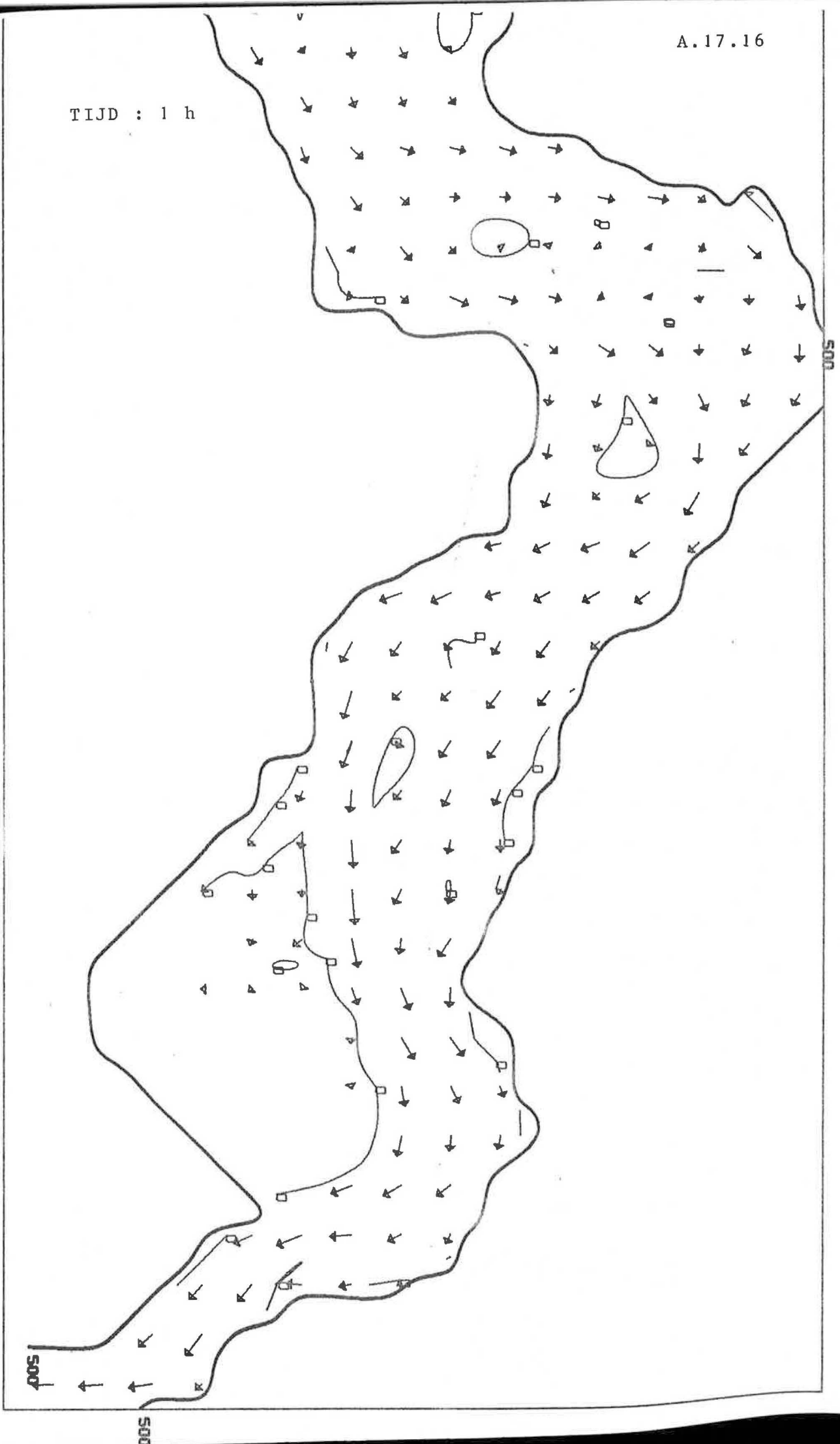
TIJD : 0h  
( HW Vlissingen )



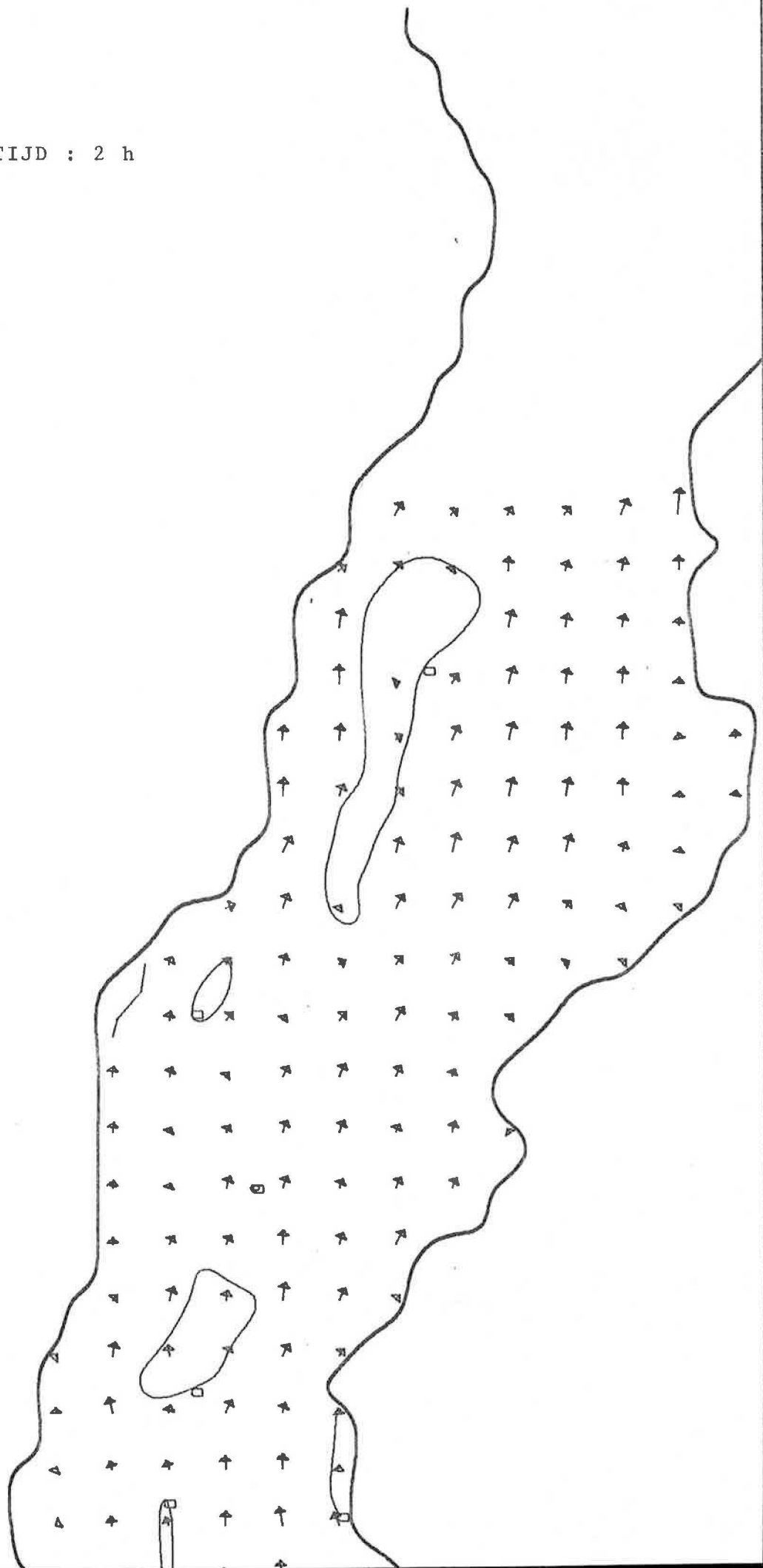
TIJD : 1 h



TIJD : 1 h

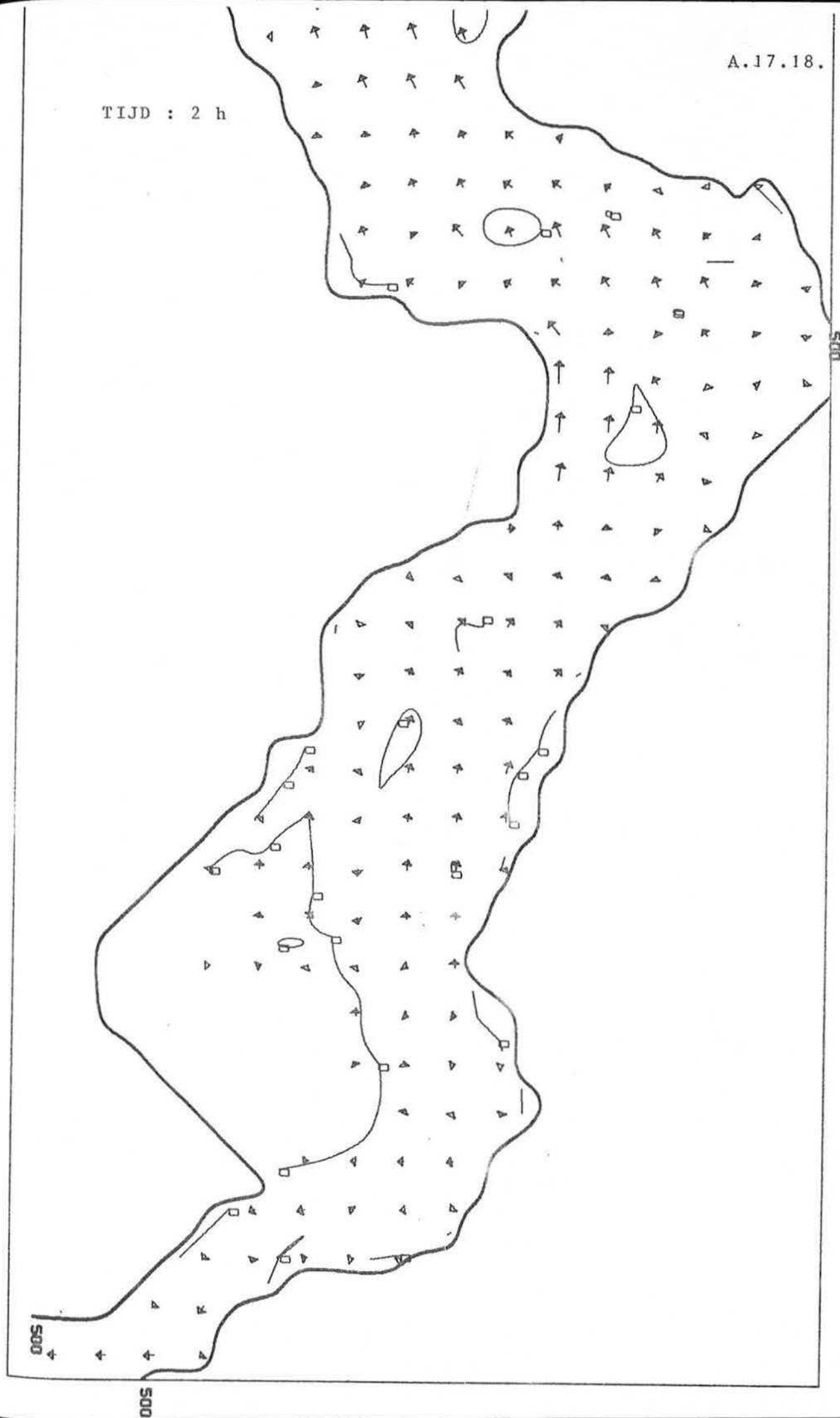


TIJD : 2 h



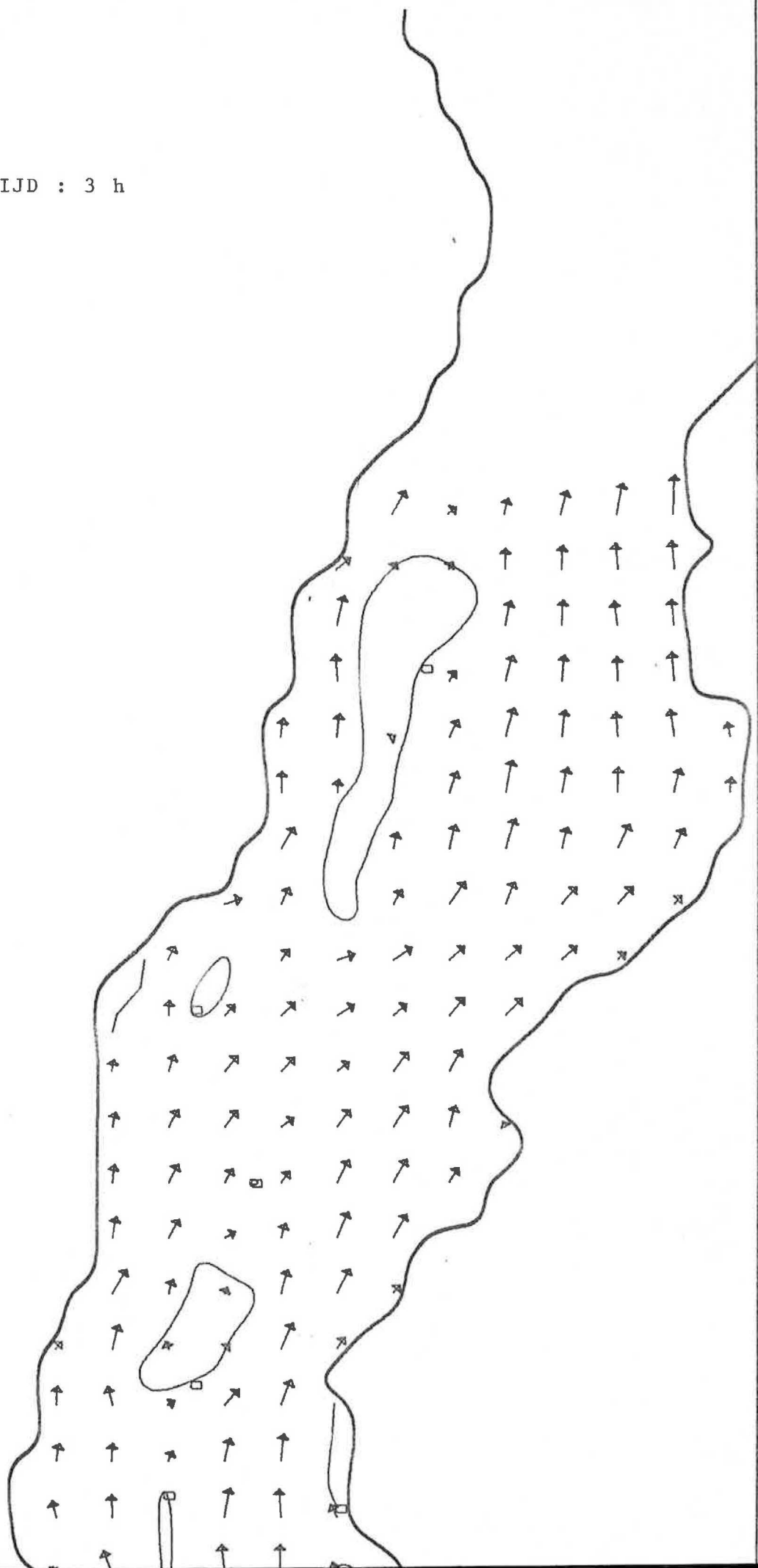
A.17.18.

TIJD : 2 h



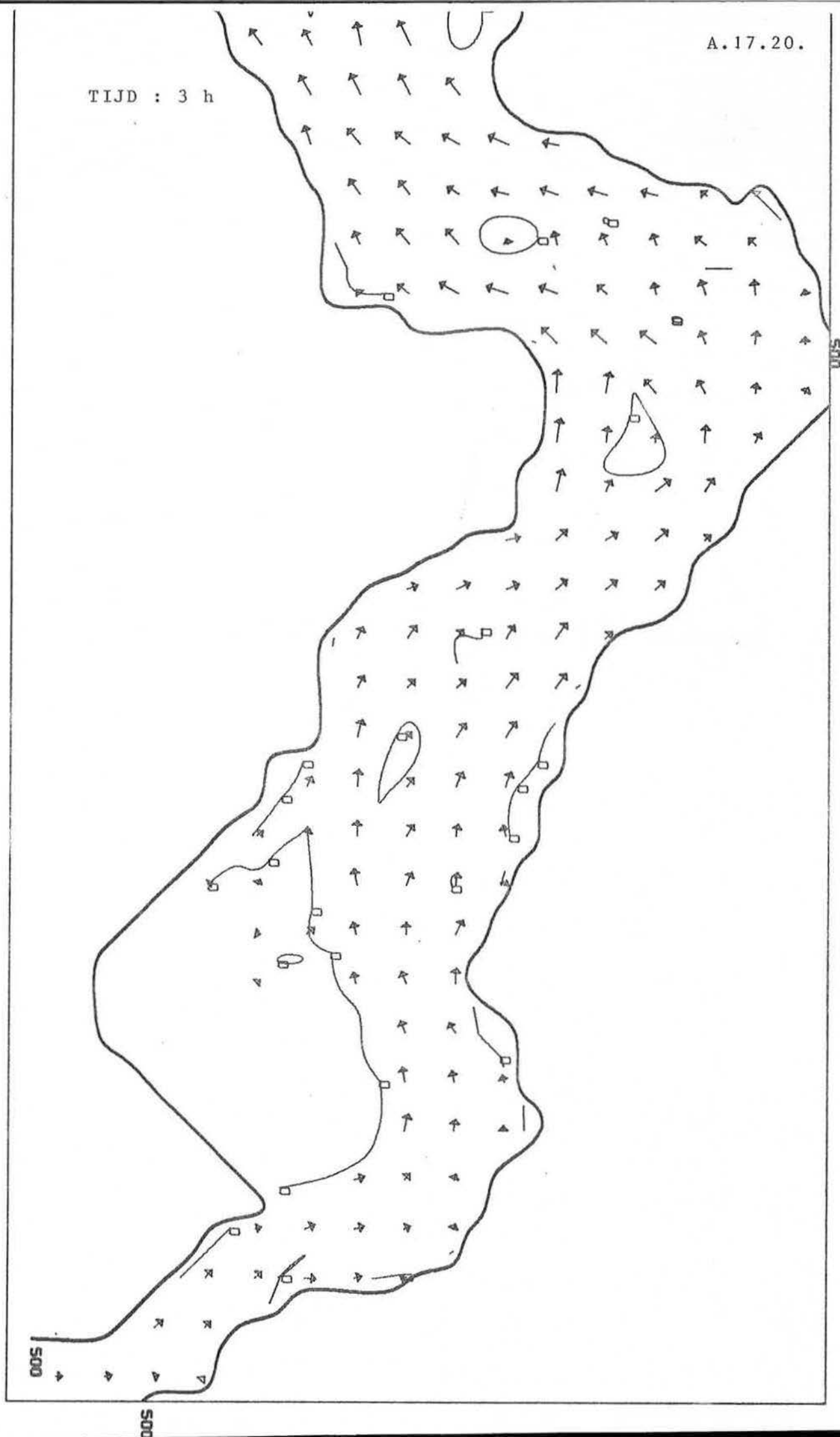


TIJD : 3 h

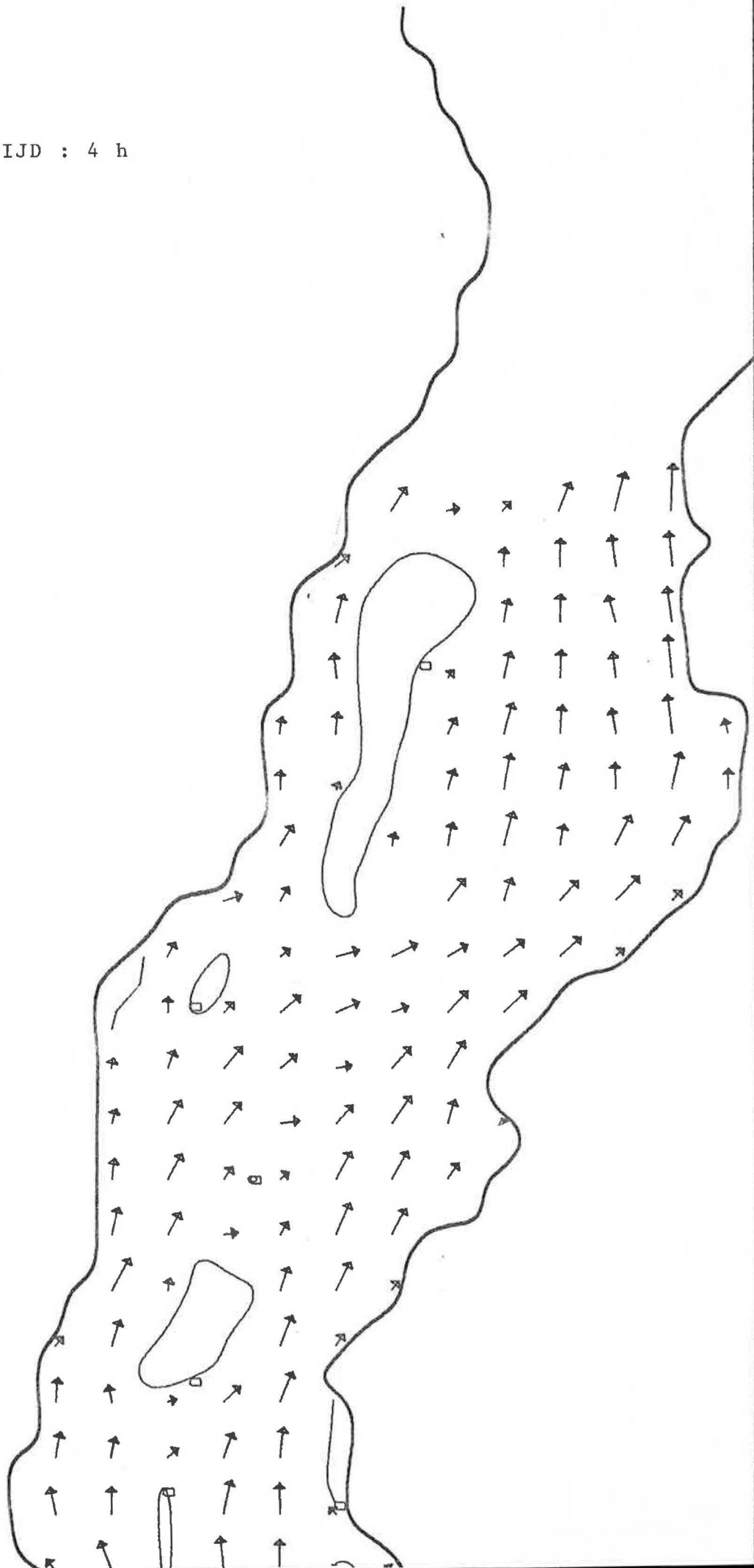


A.17.20.

TIJD : 3 h

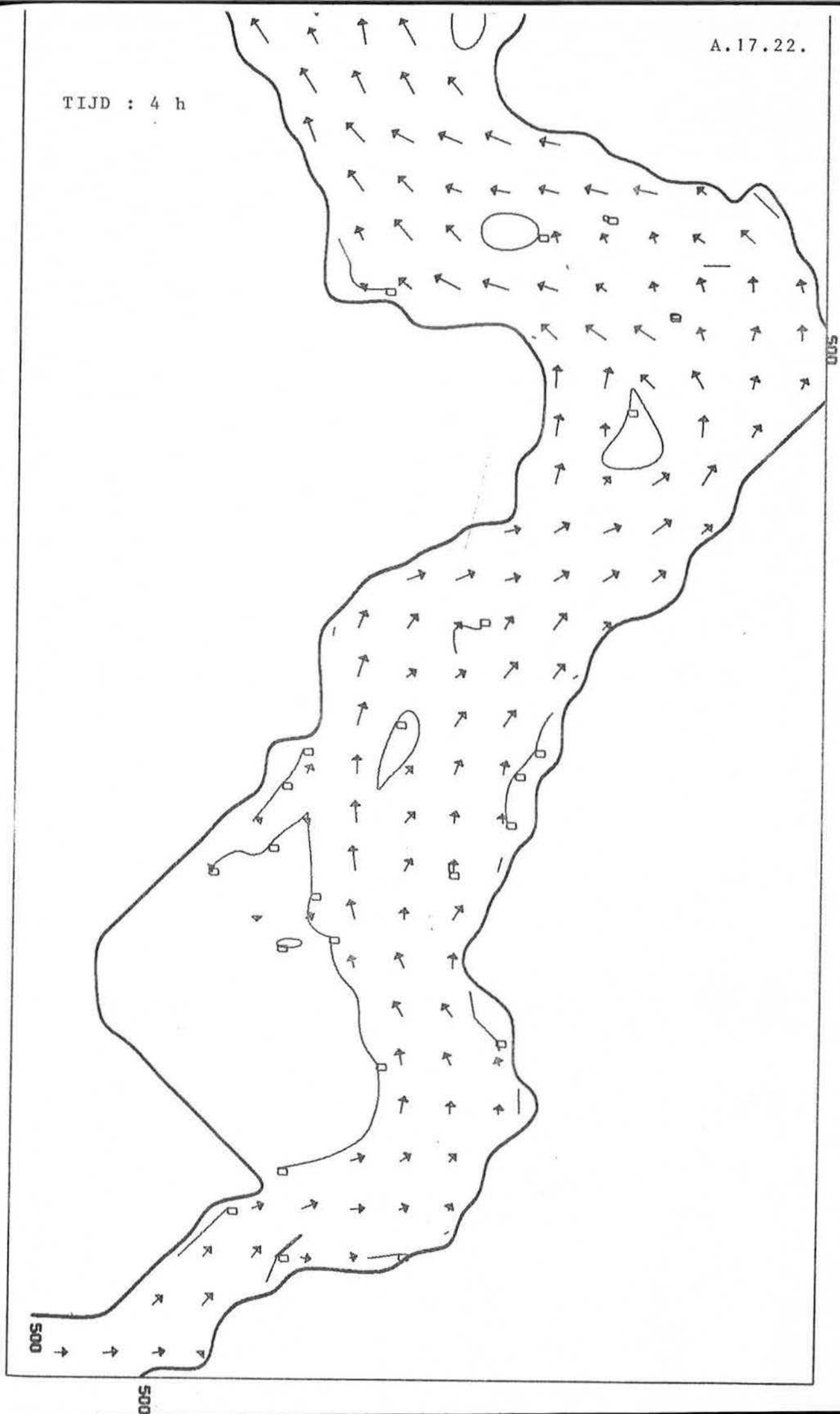


TIJD : 4 h

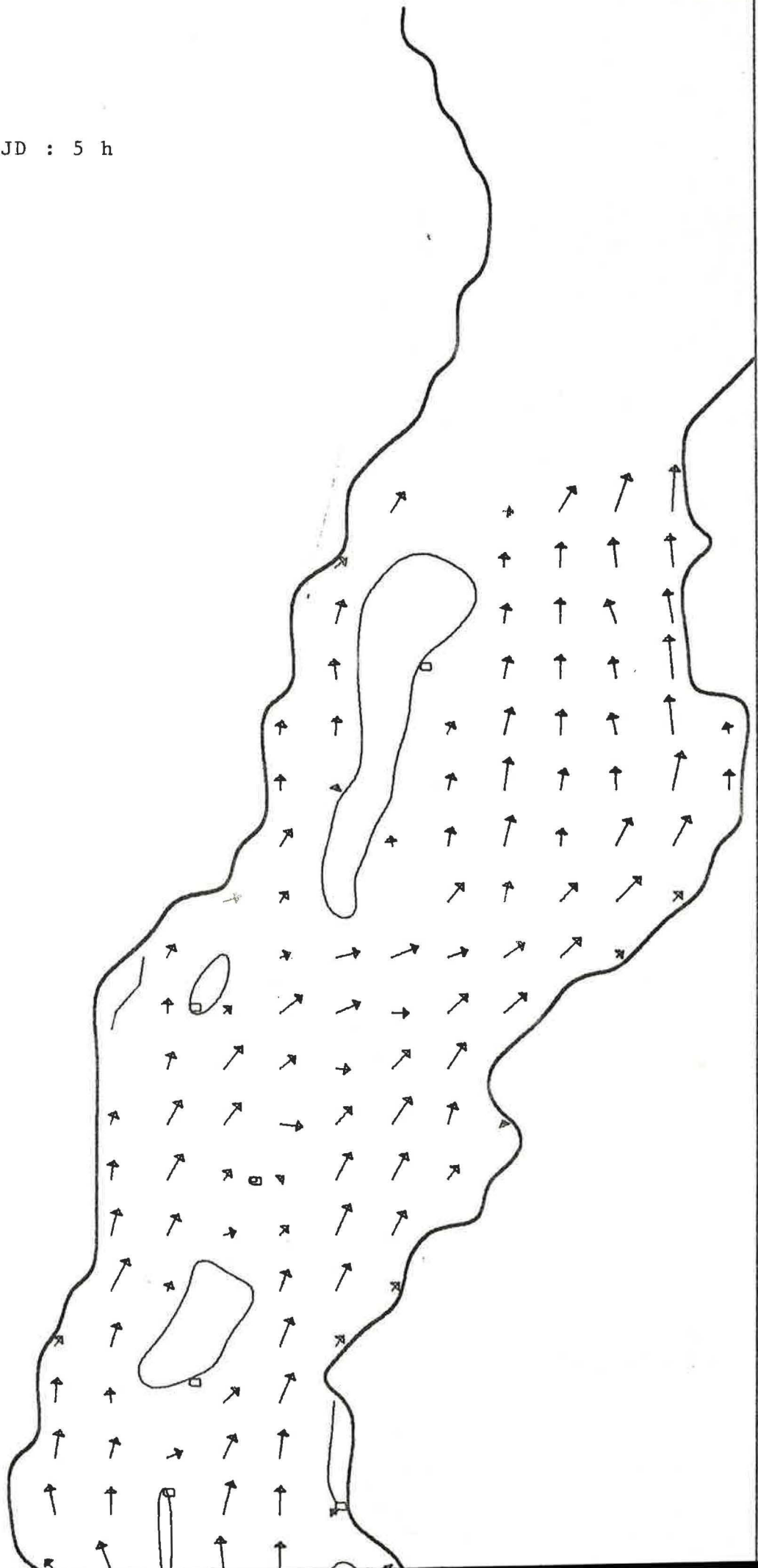


A.17.22.

TIJD : 4 h

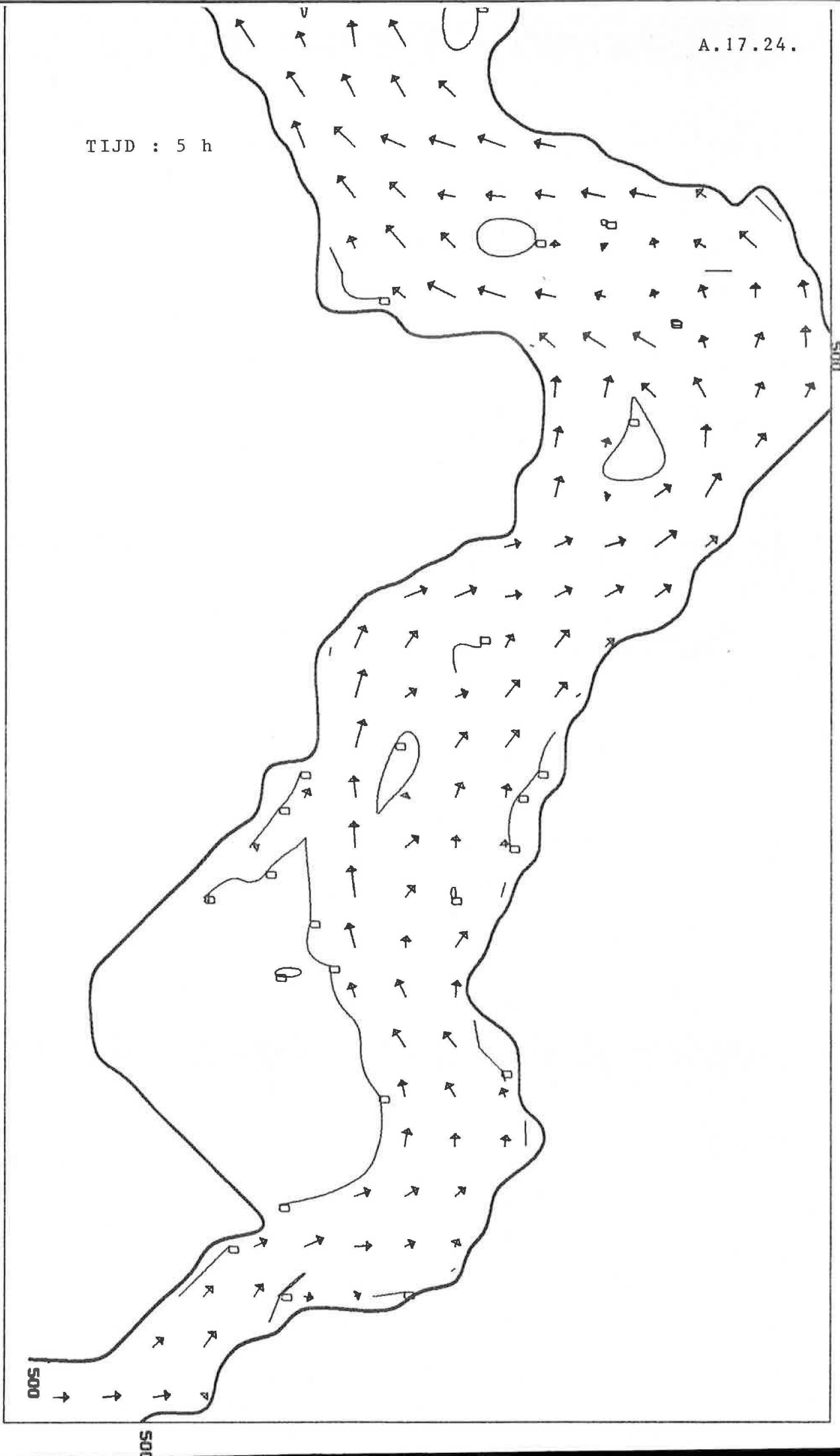


TIJD : 5 h

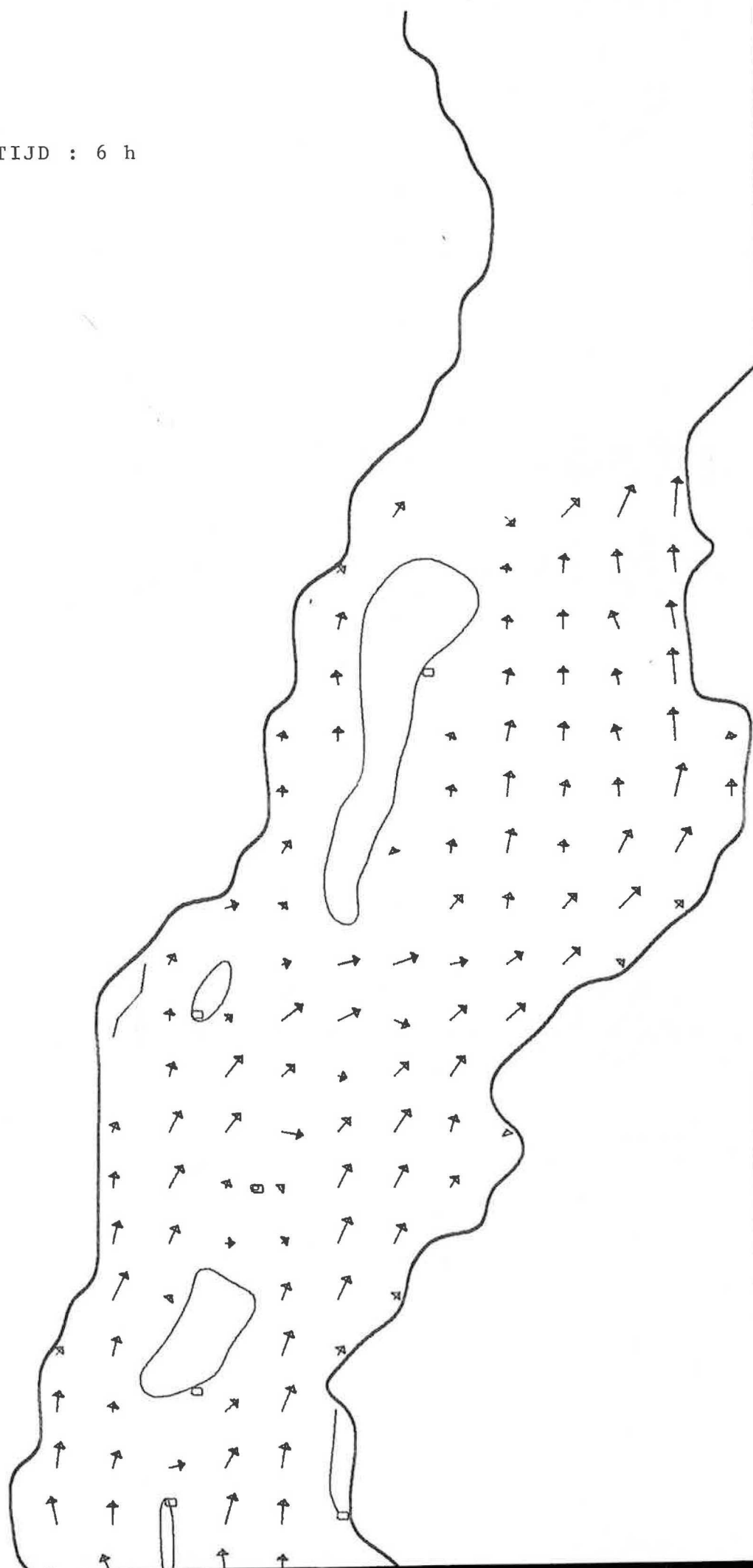


A.17.24.

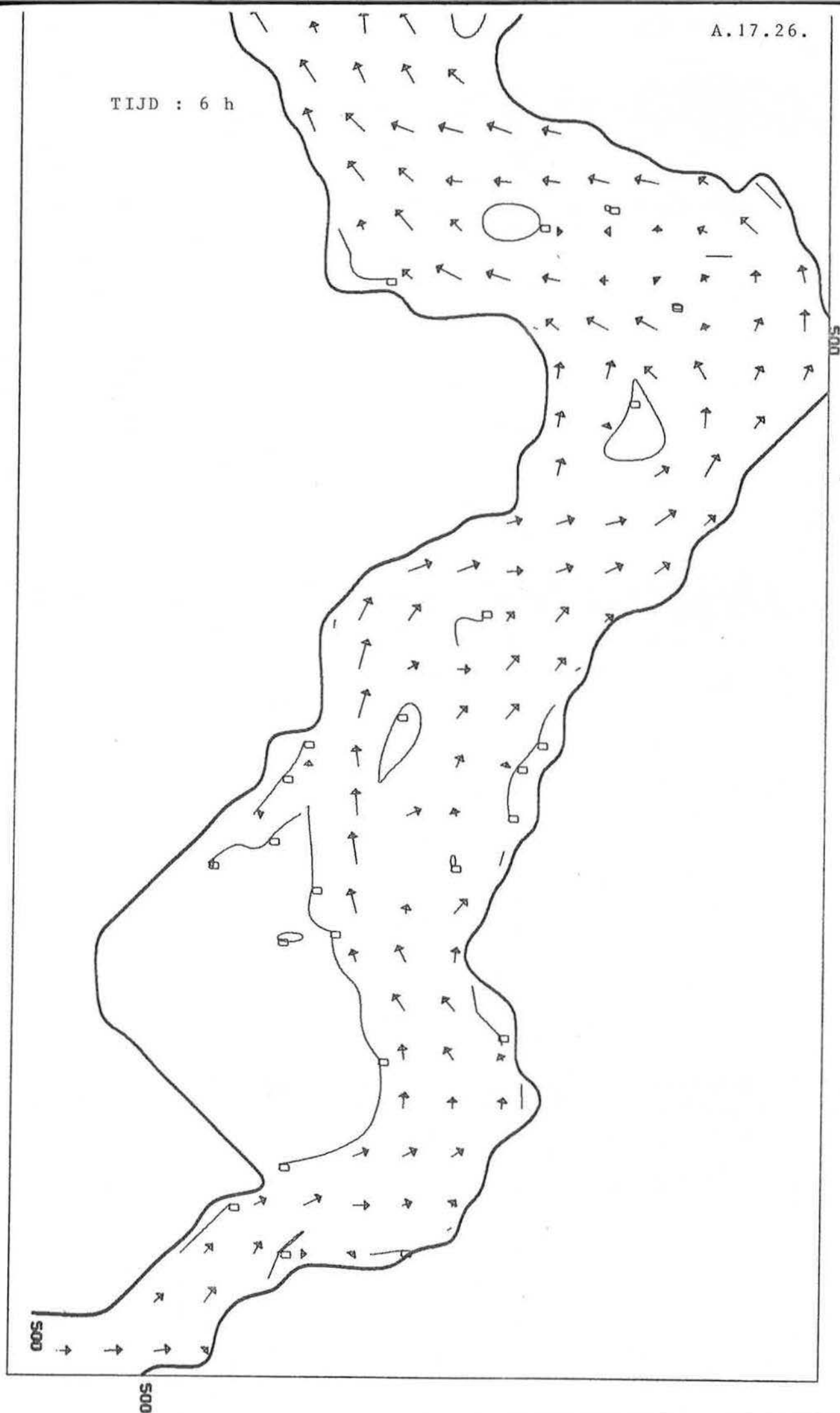
TIJD : 5 h



TIJD : 6 h

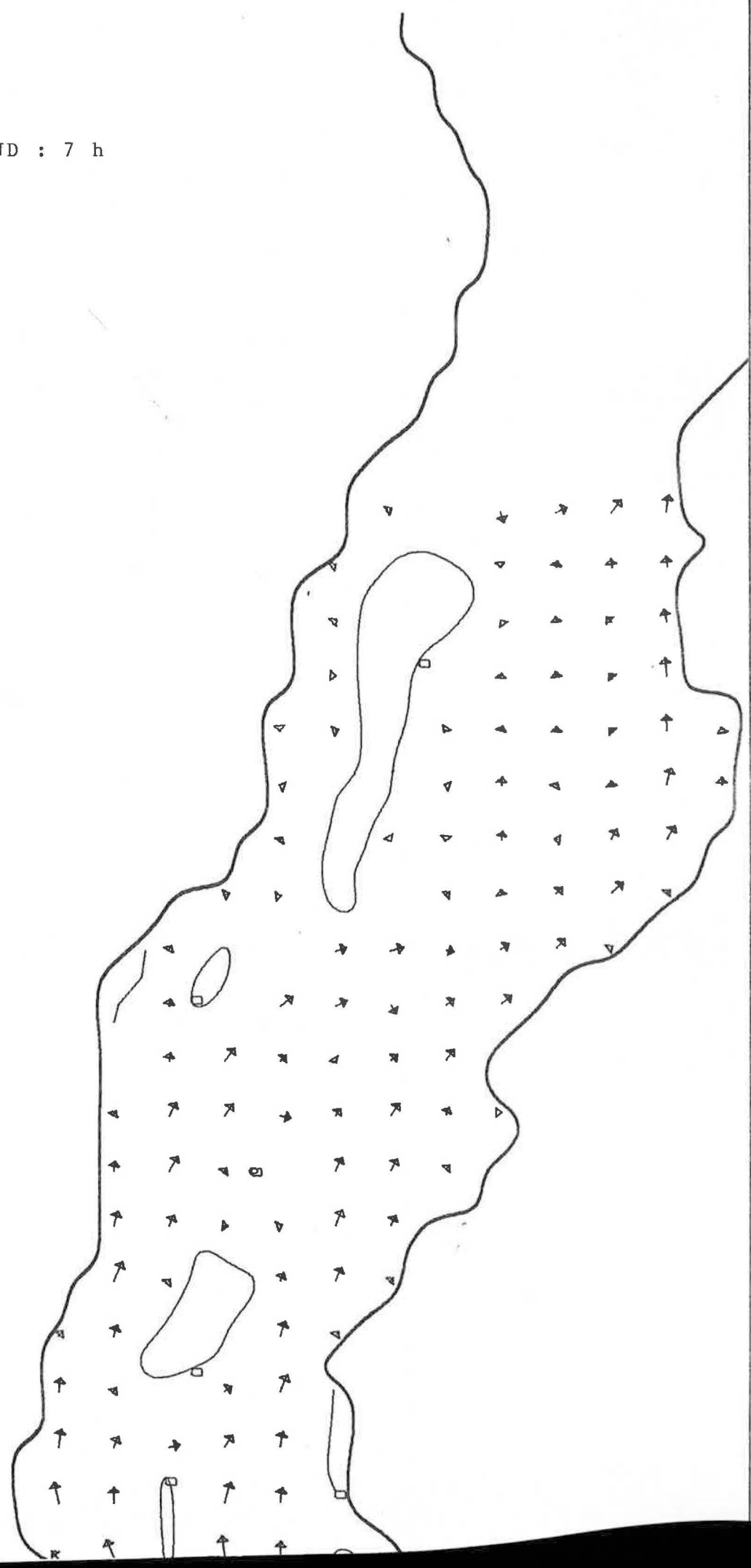


TIJD : 6 h

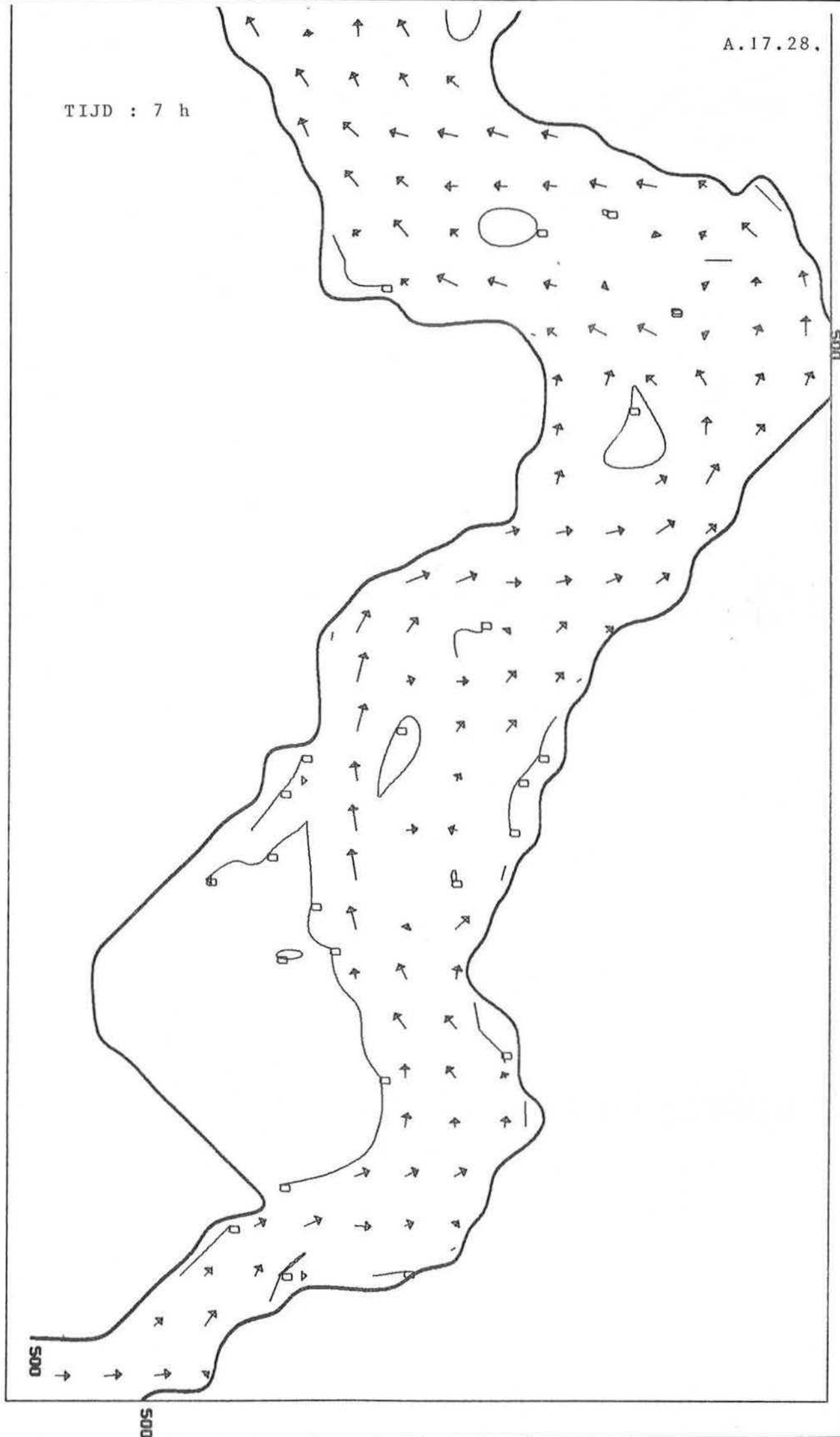




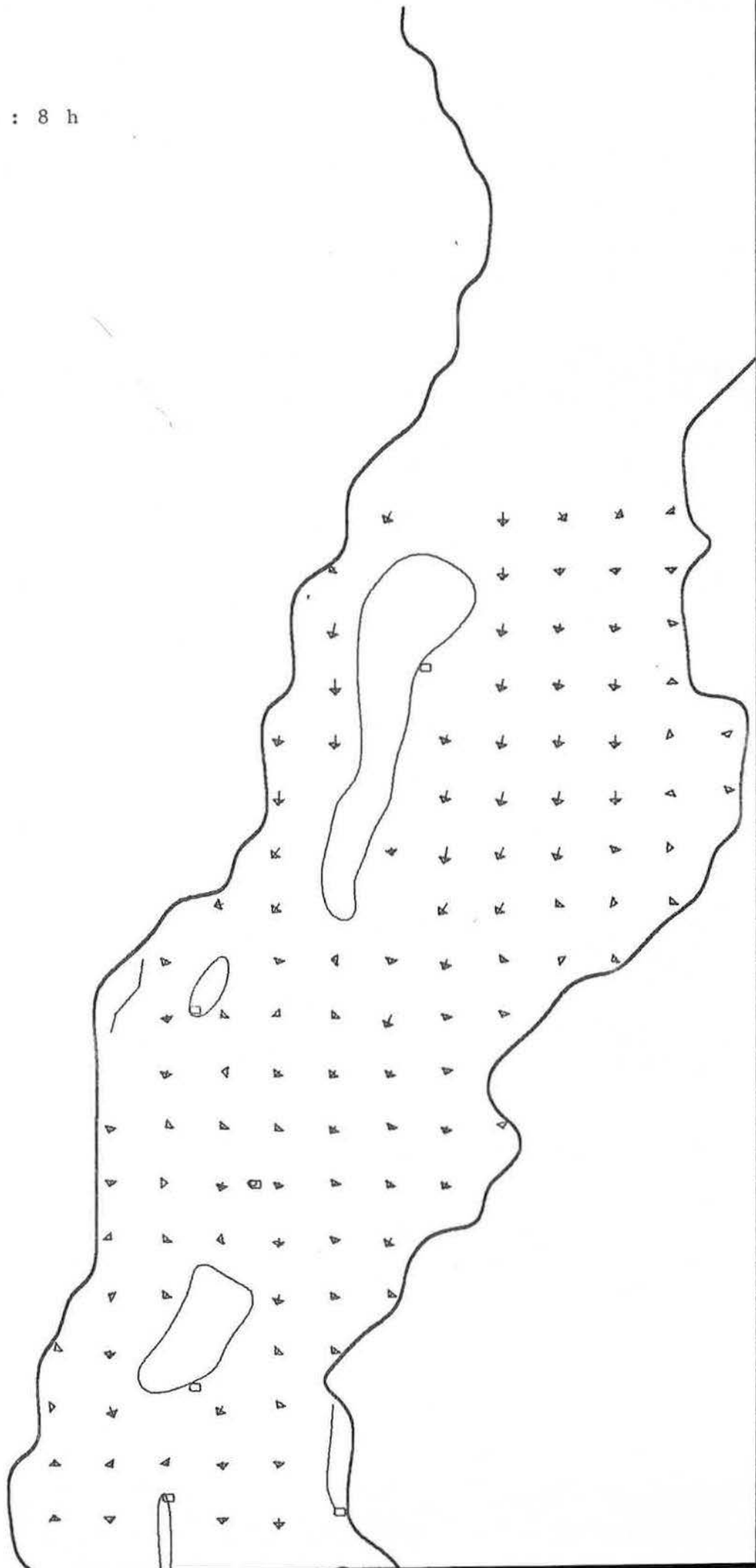
TIJD : 7 h



TIJD : 7 h

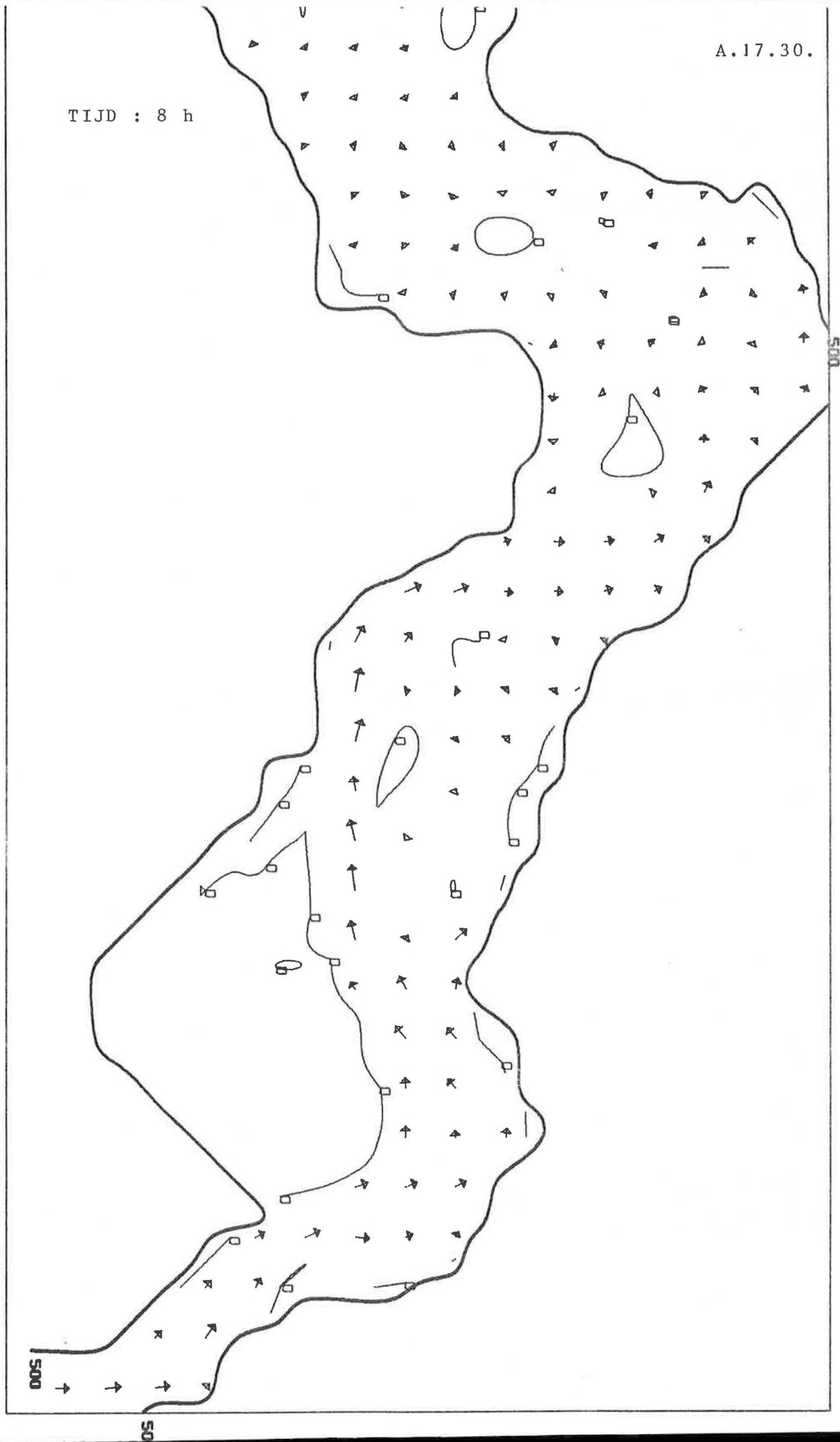


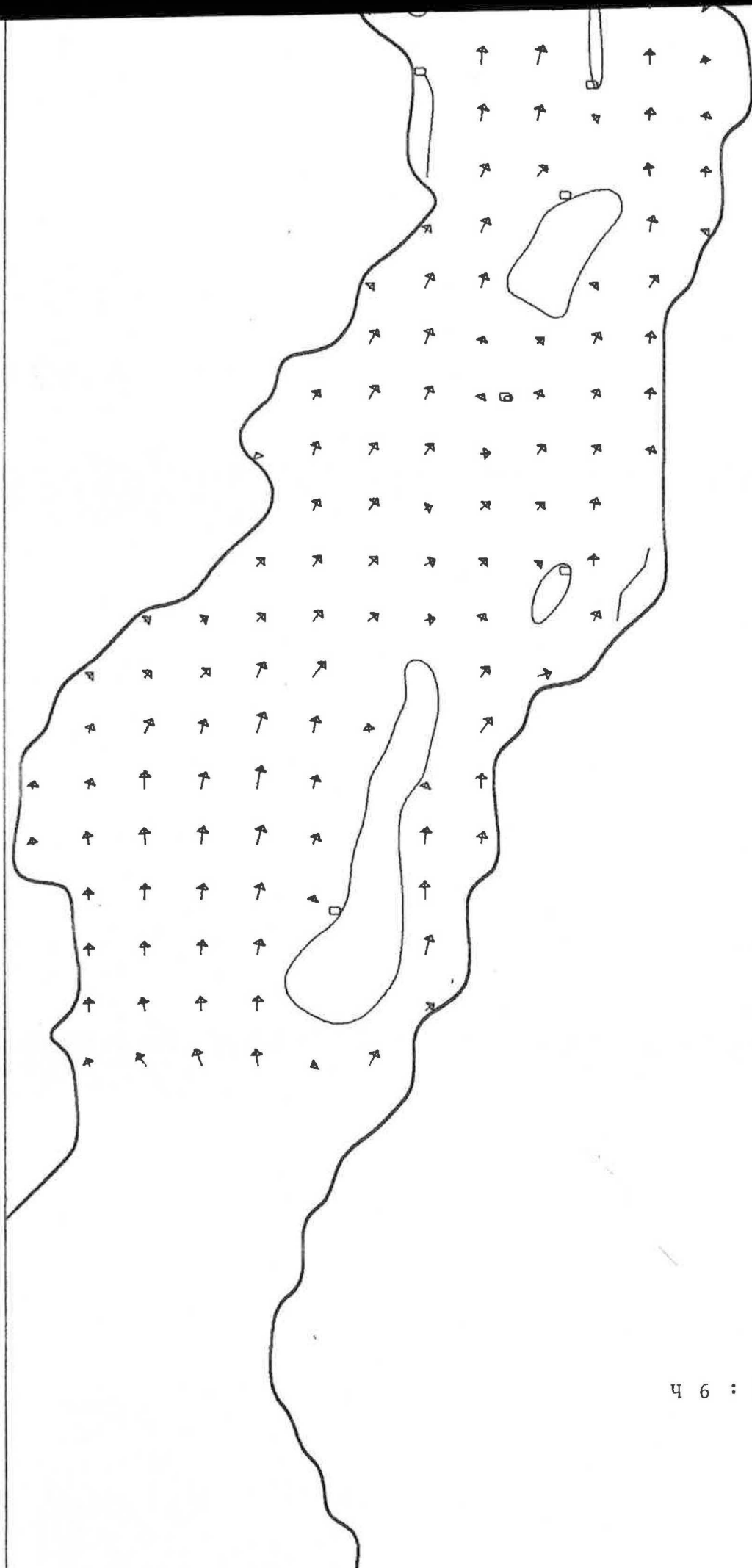
TIJD : 8 h



A.17.30.

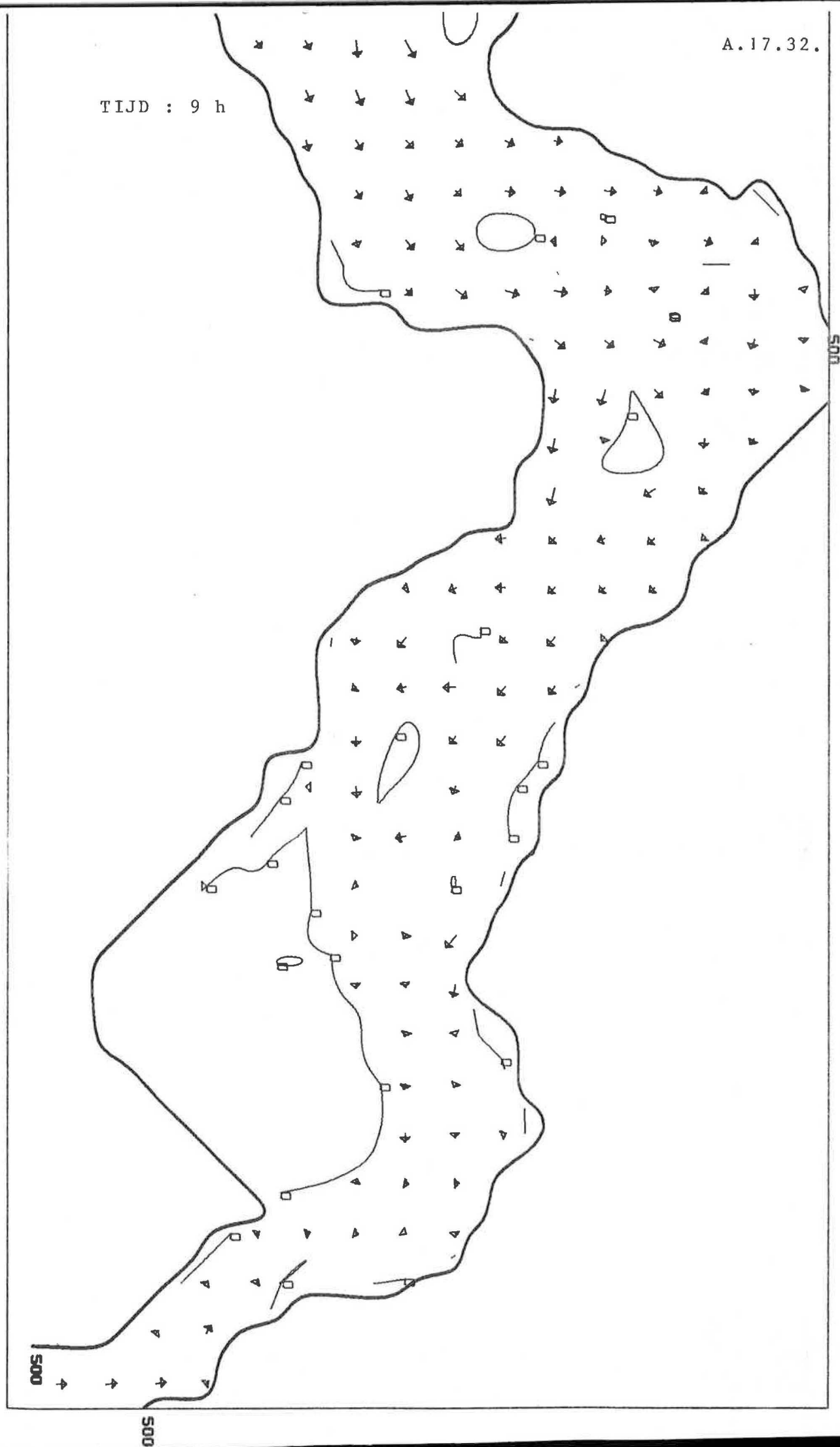
TIJD : 8 h

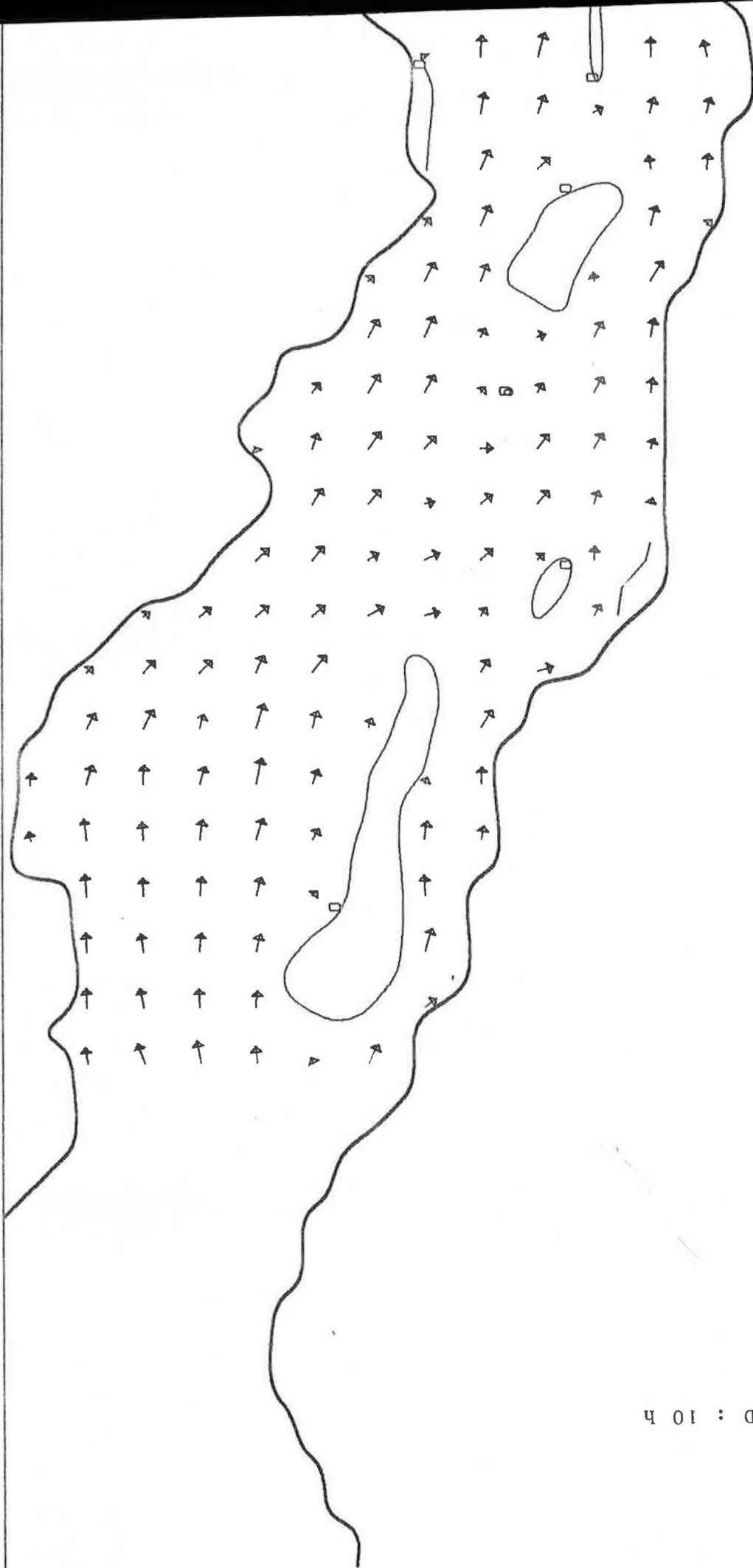




TILD : 9 4

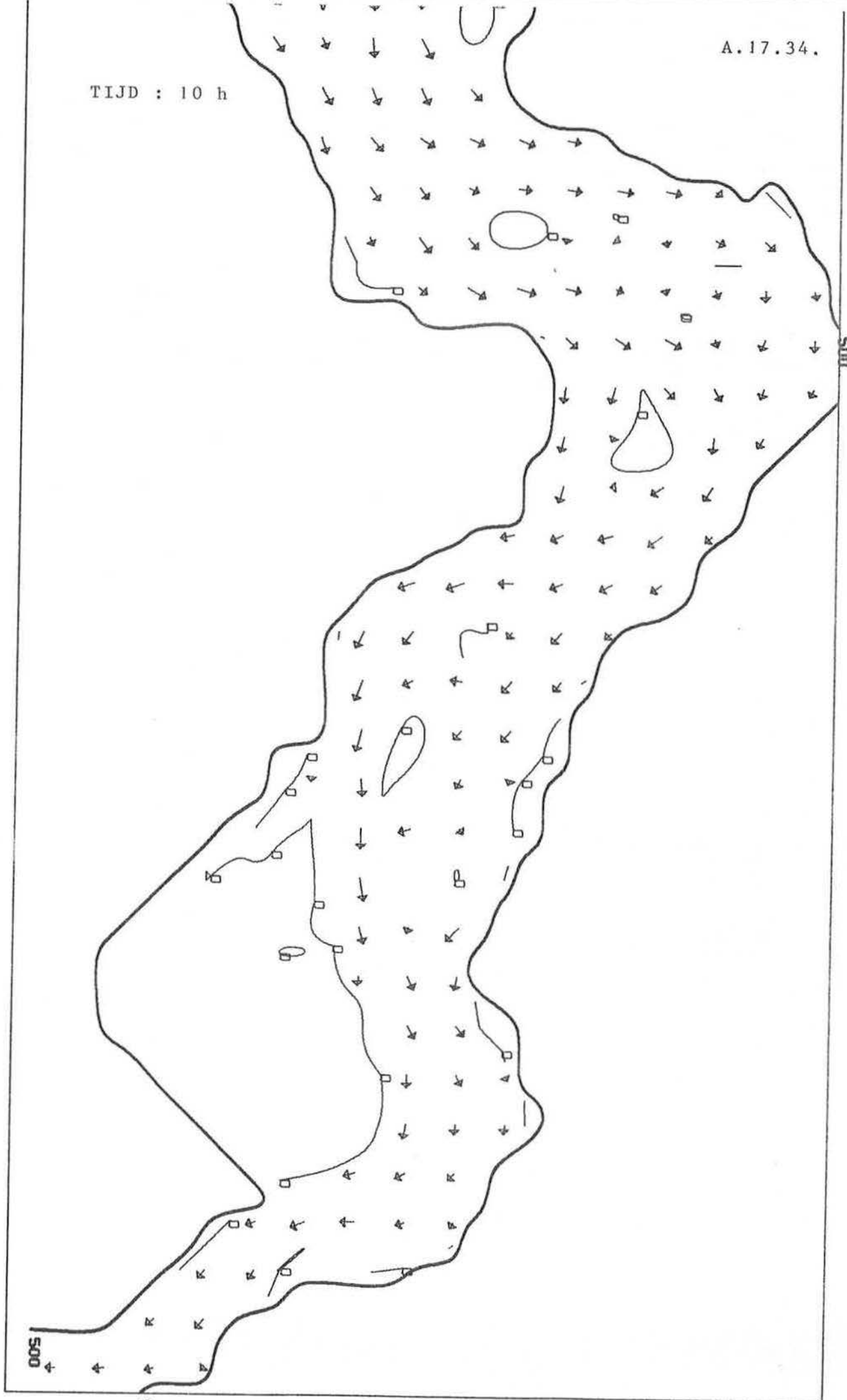
TIJD : 9 h



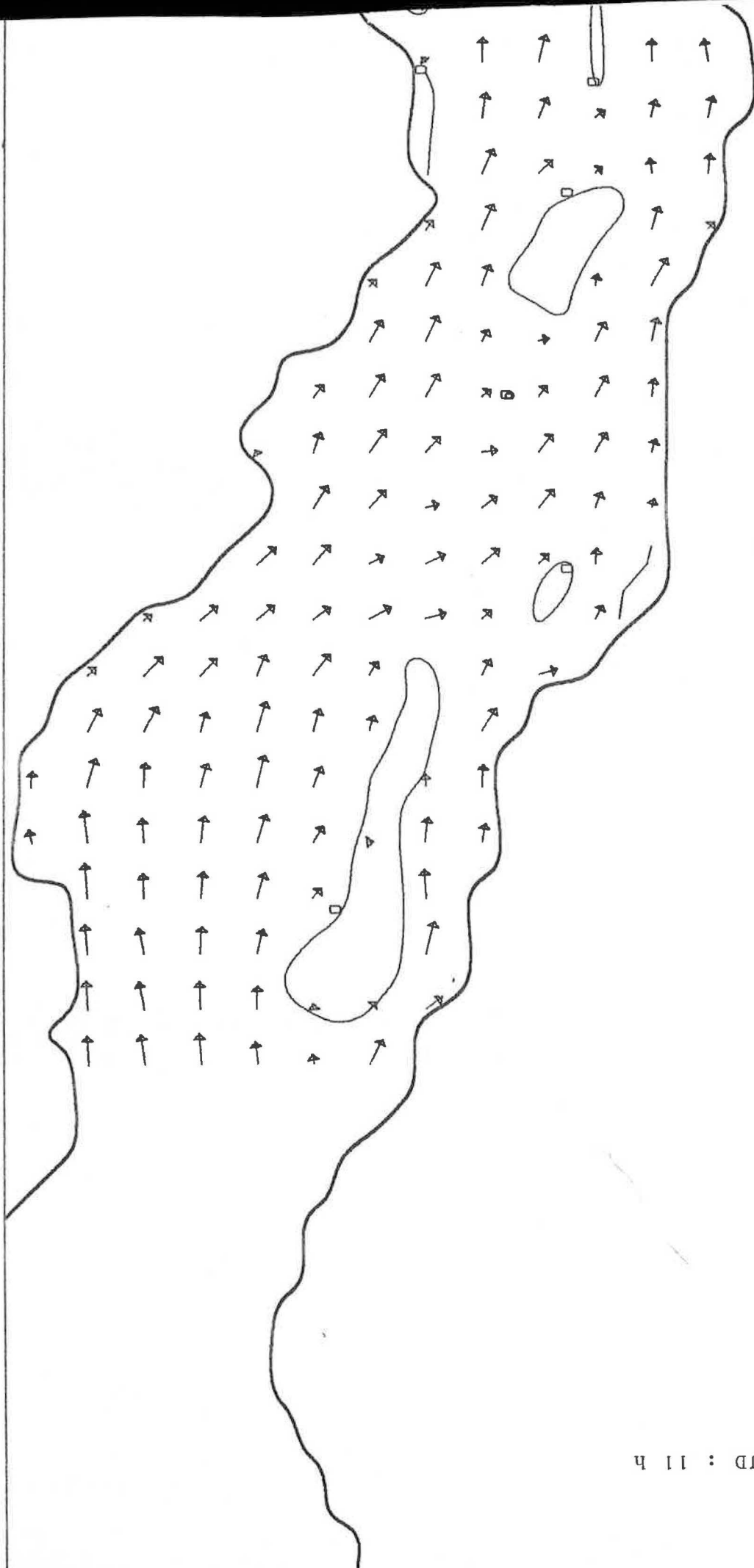


TILD : 10 h

TIJD : 10 h



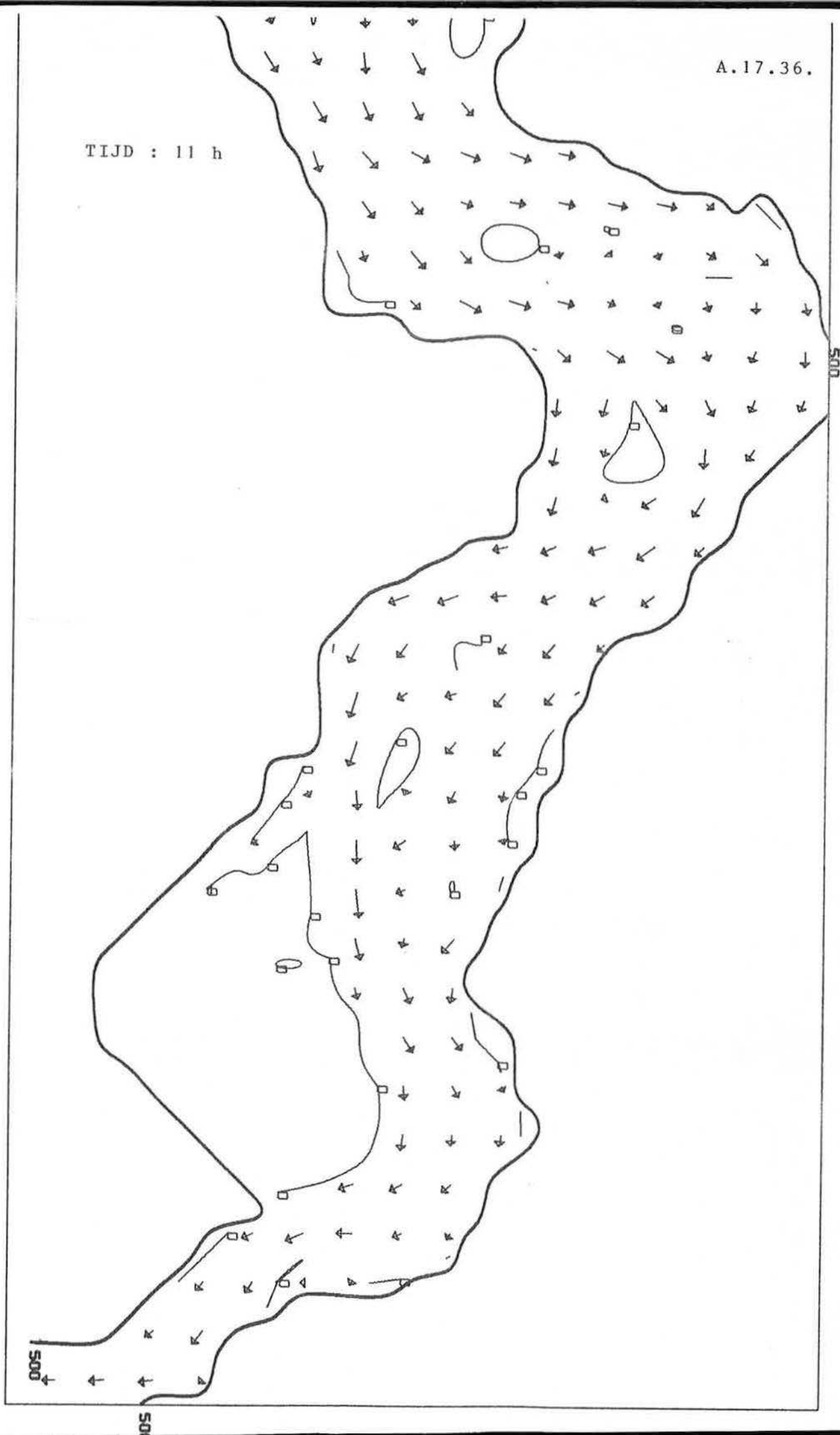


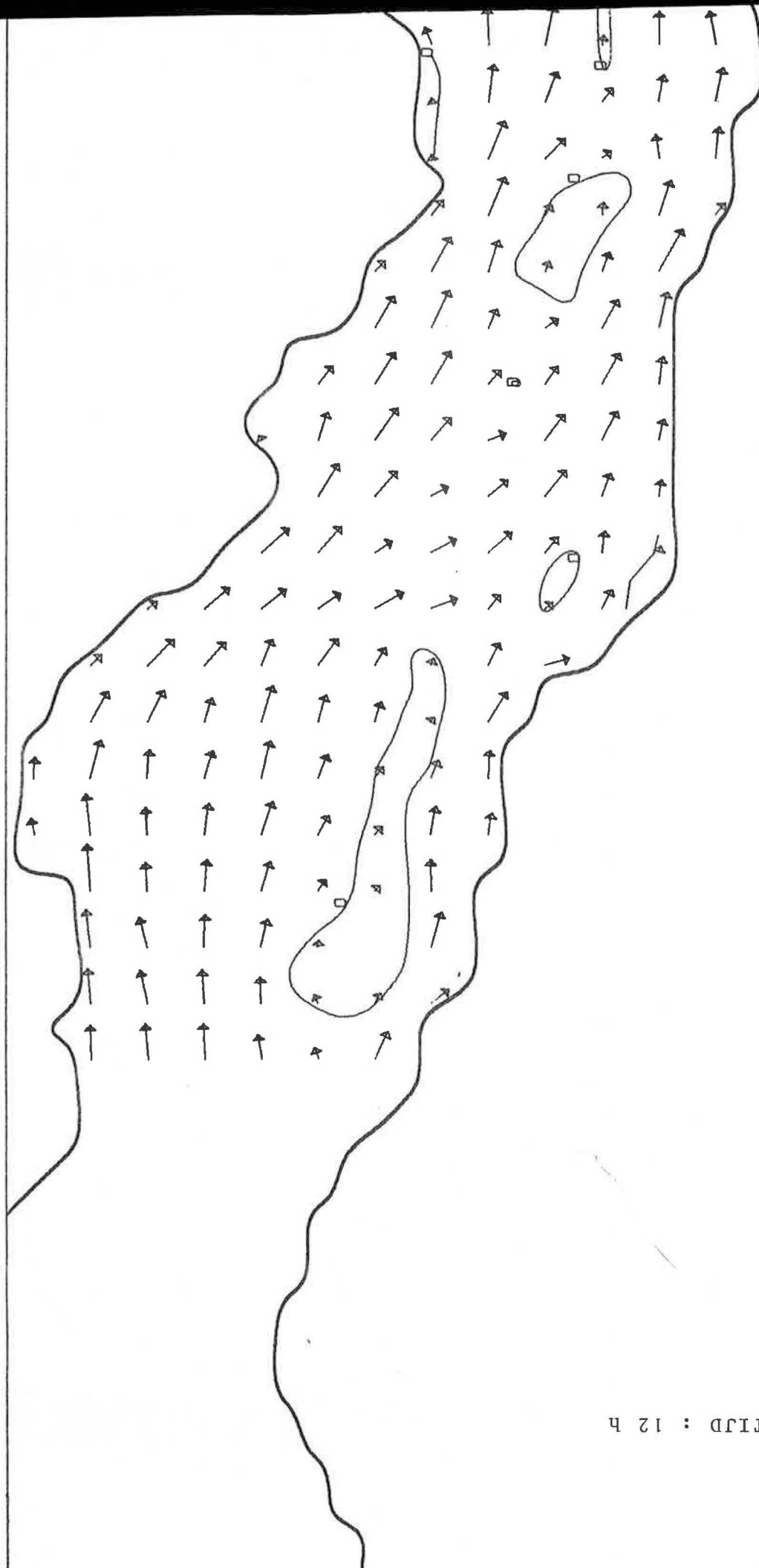


TID : 11 h

A.17.36.

TIJD : 11 h





TILD : 12 h

TIJD : 12 h

