

DI-236945

Directoraat-Generaal Rijkswaterstaat

Ministerie van Verkeer en Waterstaat

Directie Zeeland

Directoraat-Generaal Rijkswaterstaat

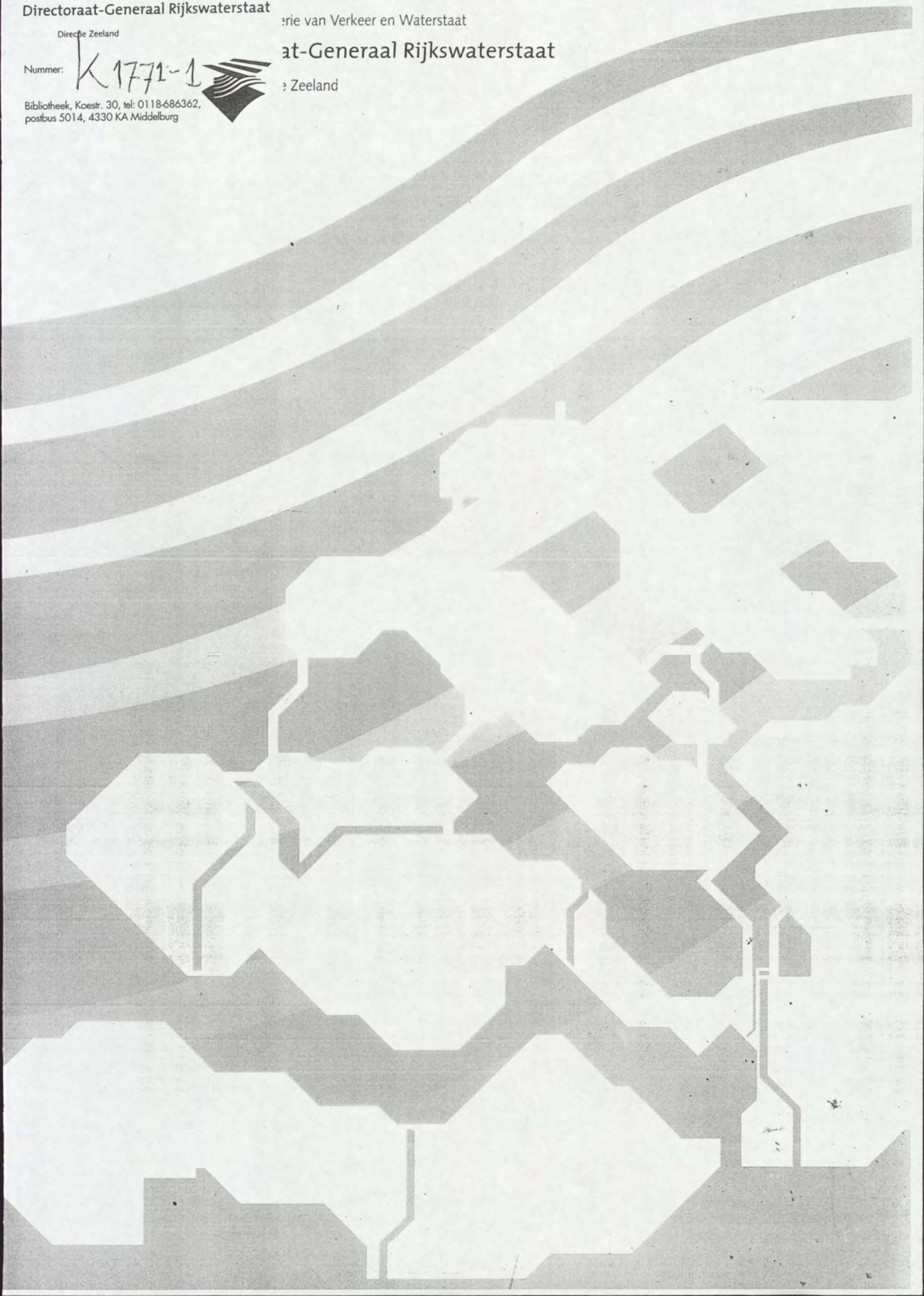
Nummer:

K 1771-1



Directie Zeeland

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





**Debietmeting (ADCP)  
Westerschelde Raai - 5A  
22 en 23 september 1998**

a. ZUIDERGAT



Meetdienst Zeeland

Notitie nr. ZLMD-98.N.015A  
Afdeling AXMH  
Vlissingen, november 1998



## Notitie

**Nummer:** ZLMD-98.N.015A

**Onderwerp:** Meetresultaten  
Debietmeting Raai - 5A  
Zuidergat - Schaar van Waarde

**Datum:** 22 en 23 september 1998

**Code:** 0209M9801

**Datum:** november 1998

**Auteur:** Verwerking Hydrografie

**Bijlagen:** 10



## 1. ALGEMEEN

Ten behoeve van de Monitoring Verdieping Westerschelde (MOVEcode 64) werden op 22 en 22 september 1998 in de Westerschelde Raai-5A (Zuidergat - Schaar van Waarde) debietmetingen uitgevoerd in combinatie met sediment- en OSM-metingen.

De resultaten van deze sediment- en OSM-metingen staan niet vermeld in deze notitie maar zullen t.z.t. worden samengevat in notitie ZLMD-98.N.015.

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

De as- en raaigegevens staan vermeld in bijlage 2.

## 2. UITVOERING

De debietmetingen werden uitgevoerd met de ADCP (Acoustic Doppler Current Profiler) waarbij de raai varend werd doorgemeten. Op 22 september werden 77 tracks gevaren in het Zuidergat (deelraai - 1) en op 23 september werden 74 tracks gevaren in de Schaar van Waarde (deelraai - 2).

Voor het bepalen van de positie werd gebruik gemaakt van het DGPS-plaatsbepalings-systeem en het dwarsprofiel werd opgenomen met RWSLOD.

Deelraai-1 is RWSLOD-raai zmv 0000.250. Deelraai-2 is RWSLOD-raai zmw 0000.250.

Deze raaien zijn opgenomen tijdens de metingen en het dwarsprofiel staat gepresenteerd in de bijlage 3 met vermelding van het doorstroomoppervlak bij N.A.P.

Bijlage 4 geeft een overzicht van alle gevaren tracks per deelraai.

## 3. VERTIKAAL GETIJ

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

De meetwaarden zijn grafisch uitgezet tegen de tijd in de bijlage 5 met toevoeging van de numerieke waarden per 10 minuten. Ook de 10-minuut waarden van de berekende posities in het midden van de raai zijn bijgevoegd. Voor positie zie bijlage 1.

De gemiddelde getijgegevens over de periode 1981-1990 van station Hansweert zijn:



**Waterstanden in m. t.o.v. N.A.P.**

| Getij               | Hoog Water | Laag Water | Getijverschil in m. |
|---------------------|------------|------------|---------------------|
| gemiddeld springtij | 2.77       | -2.28      | 5.05                |
| gemiddeld getij     | 2.42       | -2.06      | 4.46                |
| gemiddeld doottij   | 1.95       | -1.70      | 3.65                |

**Opgetreden getij station Hansweert**

| Datum      | M.E.T. | h in m. | tijverschil in meters | getijcoefficient<br>ten opzichte van<br>gemiddeld getij |
|------------|--------|---------|-----------------------|---|
| 22-09-1998 | 03.55  | 2.46    |                       |   |
| 22-09-1998 | 10.05  | -2.37   | eb 4.83               | 1.08296   |
| 22-09-1998 | 16.00  | 2.45    | vloed 4.82            | 1.08072   |
| 22-09-1998 | 22.35  | 2.62    | eb 5.07               | 1.13677   |
| 23-09-1998 | 04.25  | 2.48    | vloed 5.10            | 1.14350   |
| 23-09-1998 | 10.40  | -2.36   | eb 4.84               | 1.08520   |
| 23-09-1998 | 16.30  | 2.51    | vloed 4.87            | 1.09193   |
| 23-09-1998 | 23.05  | -2.50   | eb 5.01               | 1.12332   |

**4. WEERSOMSTANGIGHEDEN**

Op 22 september heerste gedurende de meting een noordoostelijke wind van 5 tot 6 m/sec.

Op 23 september heerste een veranderlijke oostelijke wind van 3 tot 6 m/sec:

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



## 5. VERWERKING

7Na validatie van de ruwe gegevens zijn de volgende bewerkingen uitgevoerd:

- \* Overzicht van alle gemeten tracks, waarbij de stroomsnelheden en -richtingen zijn gepresenteerd in het dwarsprofiel.  
Per blad zijn maximaal 5 tracks gepresenteerd, met een vaste kleurenschaal voor de gehele meting (eb en vloed steeds positief).  
Het tijdvak waarbinnen deze tracks zijn opgenomen is met een blauwe balk weergegeven in de waterstandsgrafiek van de berekende lokatie. (midden van elke deelraai). Zie de bijlagen 7a en 7b.
  
- \* Presentatie van de gemeten gegevens per transsect. De gebruikte kleurenschaal is vanwege de duidelijkheid per transsect aangepast aan de gemeten snelheden.  
In deze bijlagen 8a en 8b zijn de eb-snelheden positief en de vloodsnelheden negatief.  
In deze presentatie zijn ook de iso-lijnen van gelijke stroomsnelheid ingetekend.  
Verder staat in deze bijlage de gemiddelde stroomsnelheid in de vertikaal op vaste afstanden uitgezet in de meetraai als vectoren met dezelfde kleurenschaal. De debiet- en stroomsnelheidsverdeling; zowel loodrecht op de raai als evenwijdig aan de raai staan uitgezet tegen de afstanden in de meetraai. Ook de gevaren track t.o.v. de meetraai staat gepresenteerd met vermelding van de vaarrichting.  
De maximum gemiddelde snelheid met bijbehorende richting en vermelding van de afstand uit het raai-nulpunt staat zowel numeriek als in de situatie weergegeven. Op het gemiddeld tijdstip van de gevaren track is het doorstroomoppervlak bepaald en bijgeschreven in deze bijlage 8 evenals het berekende debiet.  
In de getijlijn staat de tijdsperiode van de meting aangegeven.
  
- \* Per transsect zijn nogmaals de ontbonden snelheden loodrecht op de meetraai en evenwijdig aan de meetraai alsmede de verticale stroomsnelheden gepresenteerd in het dwarsprofiel, met vermelding van de iso-lijnen. De kleurenschaal is per grafiek aangepast.  
Zie de bijlagen 9a en 9b.
  
- \* In de bijlagen 10a en 10b zijn de gemeten debieten grafisch uitgezet tegen de tijd. Ook 10-minuten waarden in tabelvorm. Tevens staat vermeld het totale debiet over de eb- en vloed periode.  
De totalen zijn herleid naar het gemiddeld getij 1991.0 (10-jarig gemiddelde) van Hansweert (446 cm.) en is losbladig bijgevoegd als aanvulling op de nota GWAO - 89.1004 (H. de Jong).

N.B.

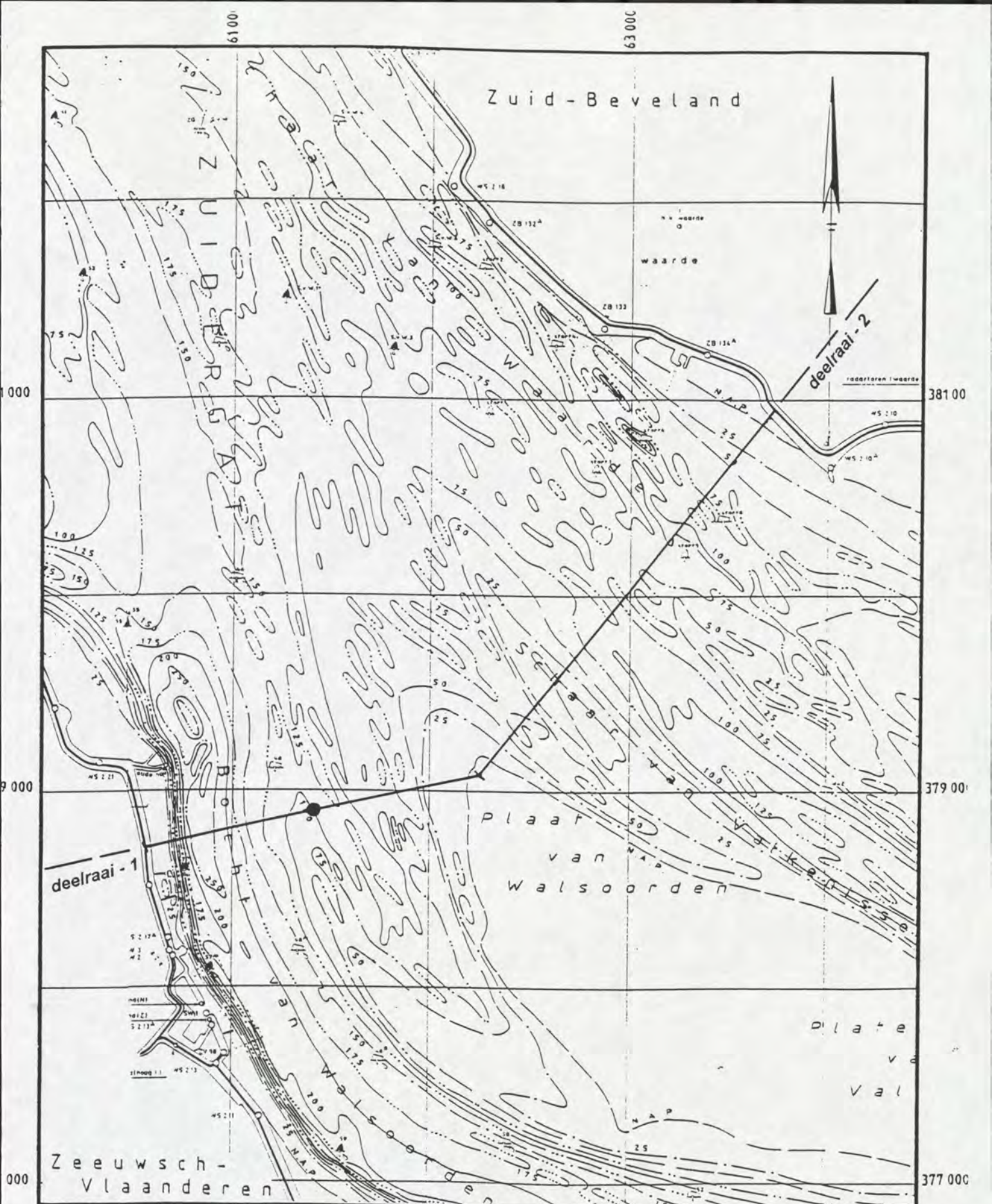
- In alle presentaties zijn de "witte vlekken" of niet gemeten, of als foute waarnemingen verwijderd. In de eventuele debietberekening worden deze wel meegenomen (geïnterpoleerde waarden).



## 6. LIJST VAN BIJLAGEN

1. Situatie meetgebied
2. As- en raaigegevens
3. Dwarsprofiel
4. Overzicht gevaren tracks
5. Opgetreden getij
6. Wind- en getijgegevens
- 7a Gevalideerde tracks Zuidergat
- 7b Gevalideerde tracks Schaar van Waarde
- 8a Gemeten gegevens Zuidergat
- 8b Gemeten gegevens Schaar van Waarde
- 9a Ontbonden gegevens Zuidergat
- 9b Ontbonden gegevens Schaar van Waarde
- 10a Debiet Zuidergat
- 10b Debiet Schaar van Waarde





rijkswaterstaat  
directie zeeland - meetdienst

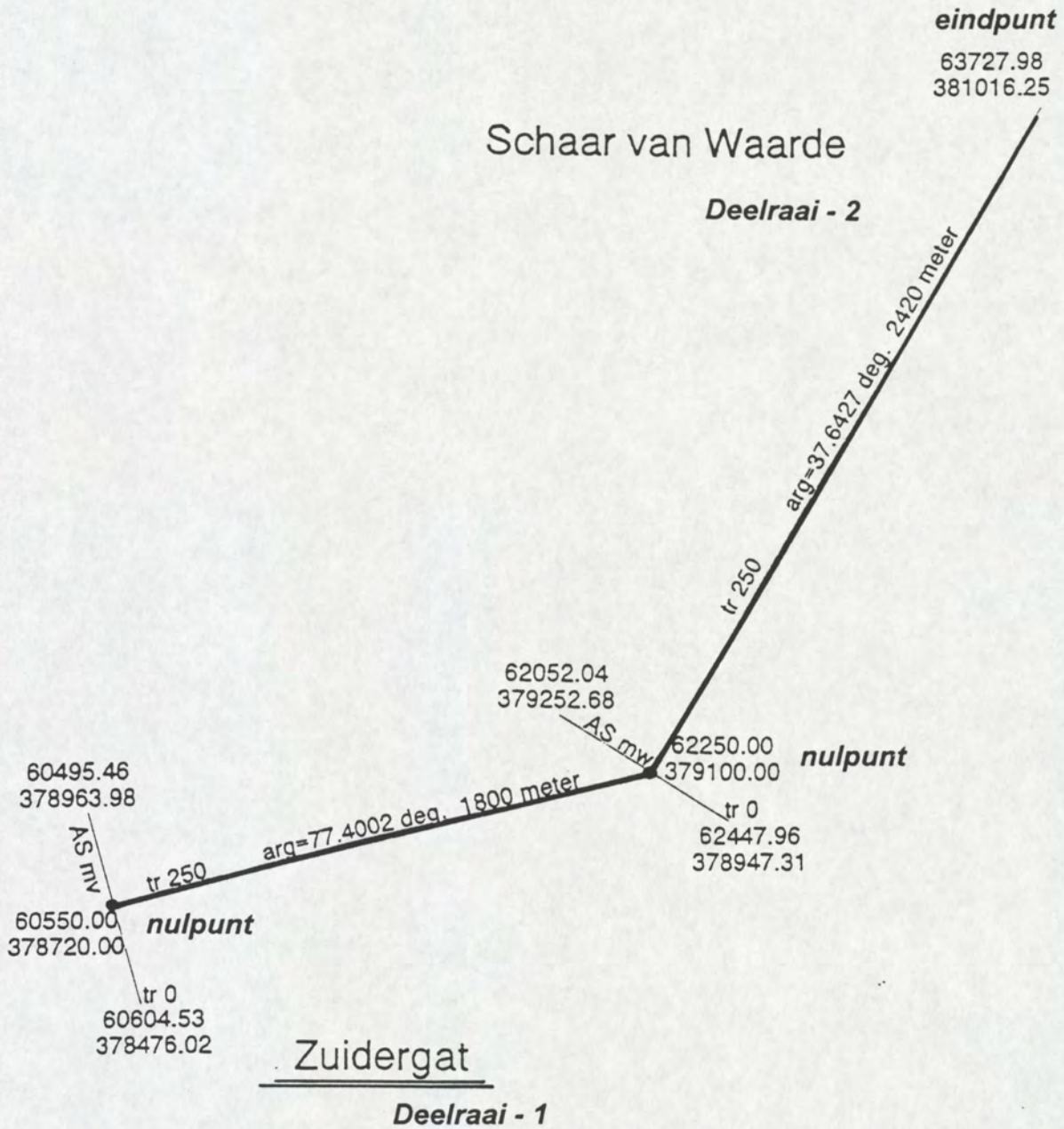
**Situatie Debietraai - 5A**  
**Debietmetingen 22 en 23 september 1998**

|      |        |            |
|------|--------|------------|
| get. |        | bijl. 1    |
| gec. | code   | 0209M98.01 |
| gez. | schaal | 1 : 25.000 |
| akk. |        | nr.        |

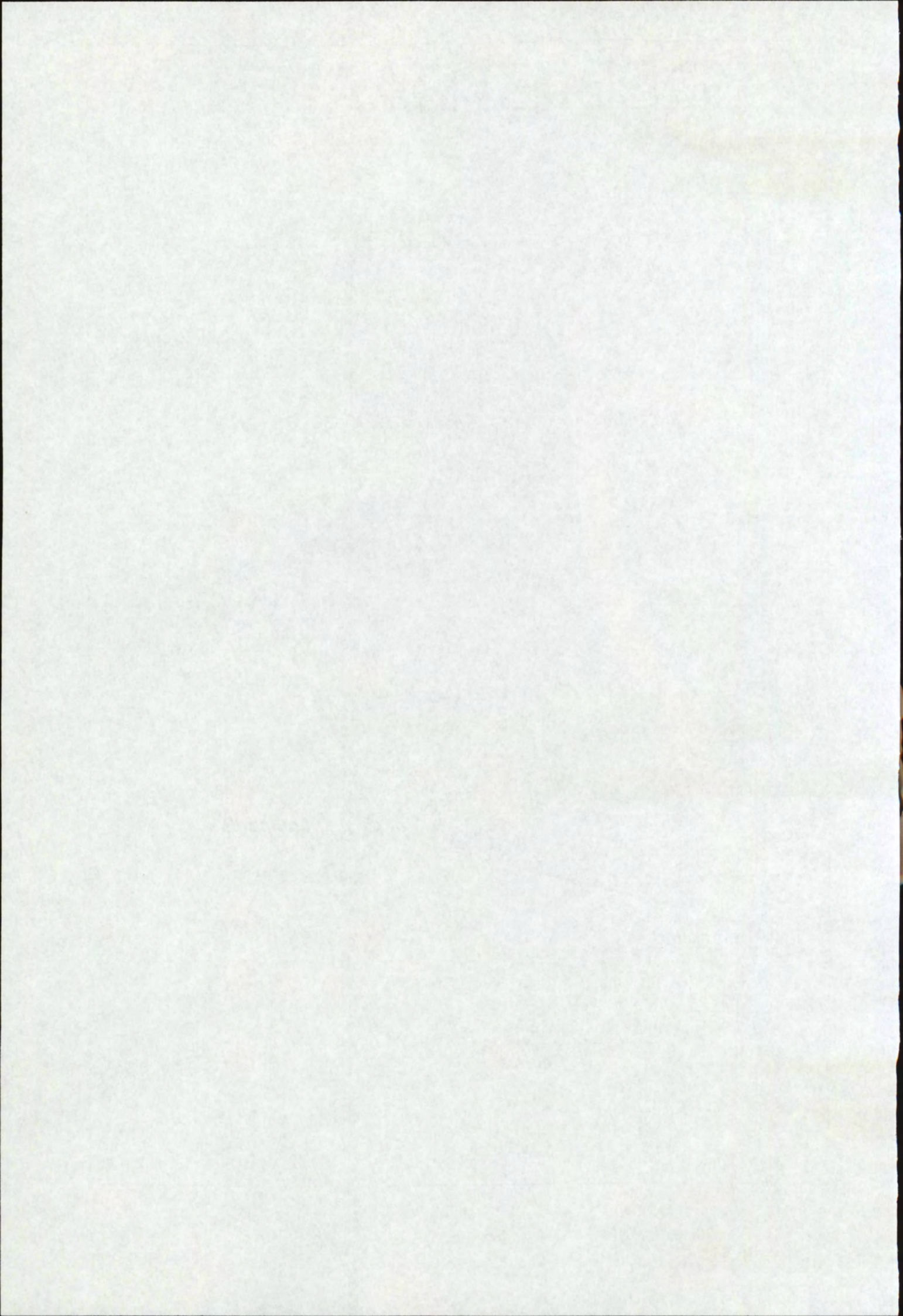


# DEBIETRAAI 5a

0209 M 98.01









afstand in meters t.o.v. het nulpunt

2000

1500

1000

500

0

n.a.p.

20

40

60

80

100

120

140

160

180

200

220

240

260

280

300

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

DOORSTROOMOPPERVLAK N.A.P. = 18.500 m<sup>2</sup>

|                                       |  |      |                         |
|---------------------------------------|--|------|-------------------------|
| rijkswaterstaat                       |  | gel. | bijl. 3                 |
| directie zeeland - meeldienst zeeland |  | gec  | code 0209M98.01         |
| Debietraai - 5A 22 september 1998     |  | gez  | schaal 1 : 10.000 / 200 |
| Deelraai - 1 Zuidergat                |  | akk  | nr.                     |



## Debietraai 5A deelraai 1 Zuidergat 22 september 1998

| ADCP file<br>Nummer | Eb / Vloed<br>/Kentering | Begintijd<br>(M.E.T.) | Eindtijd<br>(M.E.T.) | Koers<br>(deg.) | Vaarsnelheid<br>(knt) | Geluidssnelheid<br>(M/s) |
|---------------------|--------------------------|-----------------------|----------------------|-----------------|-----------------------|--------------------------|
| 1                   | Eb                       | 05.36                 | 05.47                | 77.4            | 7                     | 1490                     |
| 2                   |                          | 05.48                 | 05.57                | 257.4           |                       |                          |
| 3                   |                          | 05.58                 | 06.06                | 77.4            |                       |                          |
| 4                   |                          | 06.13                 | 06.24                | 257.4           |                       |                          |
| 5                   |                          | 06.25                 | 06.33                | 77.4            |                       |                          |
| 6                   |                          | 06.36                 | 06.44                | 257.4           |                       |                          |
| 7                   |                          | 06.44                 | 06.53                | 77.4            |                       |                          |
| 8                   |                          | 06.55                 | 07.01                | 257.4           |                       |                          |
| 9                   |                          | 07.04                 | 07.11                | 77.4            |                       |                          |
| 10                  |                          | 07.20                 | 07.26                | 257.4           |                       |                          |
| 11                  |                          | 07.28                 | 07.36                | 77.4            |                       |                          |
| 12                  |                          | 07.37                 | 07.45                | 257.4           |                       |                          |
| 13                  |                          | 07.46                 | 07.54                | 77.4            |                       |                          |
| 14                  |                          | 07.56                 | 08.06                | 257.4           |                       |                          |
| 15                  |                          | 08.07                 | 08.14                | 77.4            |                       |                          |
| 16                  |                          | 08.15                 | 08.21                | 257.4           |                       |                          |
| 17                  |                          | 08.22                 | 08.30                | 77.4            |                       |                          |
| 18                  |                          | 08.31                 | 08.39                | 257.4           |                       |                          |
| 19                  |                          | 08.40                 | 08.50                | 77.4            |                       |                          |
| 20                  |                          | 08.52                 | 09.01                | 257.4           |                       |                          |
| 21                  |                          | 09.02                 | 09.11                | 77.4            |                       |                          |
| 22                  |                          | 09.13                 | 09.20                | 257.4           |                       |                          |
| 23                  |                          | 09.22                 | 09.42                | 77.4            |                       |                          |
| 24                  |                          | 09.33                 | 09.42                | 257.4           |                       | 1487                     |
| 25                  |                          | 09.43                 | 09.51                | 77.4            |                       |                          |
| 26                  |                          | 09.52                 | 10.02                | 257.4           |                       |                          |
| 27                  |                          | 10.02                 | 10.10                | 77.4            |                       |                          |
| 28                  |                          | 10.11                 | 10.17                | 257.4           |                       |                          |
| 29                  |                          | 10.20                 | 10.30                | 77.4            |                       |                          |
| 30                  |                          | 10.31                 | 10.38                | 257.4           |                       |                          |
| 31                  | Eb                       | 10.42                 | 10.50                | 77.4            |                       |                          |
| 32                  | Kentering                | 10.52                 | 11.01                | 257.4           |                       |                          |
| 33                  | Kentering                | 11.02                 | 11.11                | 77.4            |                       |                          |
| 34                  | Vloed                    | 11.12                 | 11.19                | 257.4           |                       |                          |
| 35                  |                          | 11.20                 | 11.27                | 77.4            |                       |                          |
| 36                  |                          | 11.30                 | 11.39                | 257.4           |                       |                          |
| 37                  |                          | 11.40                 | 11.47                | 77.4            |                       |                          |
| 38                  |                          | 11.52                 | 11.59                | 257.4           |                       |                          |
| 39                  |                          | 12.00                 | 12.07                | 77.4            |                       |                          |
| 40                  |                          | 12.08                 | 12.16                | 257.4           |                       |                          |
| 41                  |                          | 12.17                 | 12.27                | 77.4            |                       |                          |
| 42                  |                          | 12.28                 | 12.36                | 257.4           |                       |                          |
| 43                  |                          | 12.37                 | 12.46                | 77.4            |                       |                          |
| 44                  |                          | 12.47                 | 12.55                | 257.4           |                       |                          |
| 45                  |                          | 12.56                 | 13.05                | 77.4            |                       |                          |
| 46                  | Vloed                    | 13.06                 | 13.14                | 257.4           | 7                     | 1487                     |



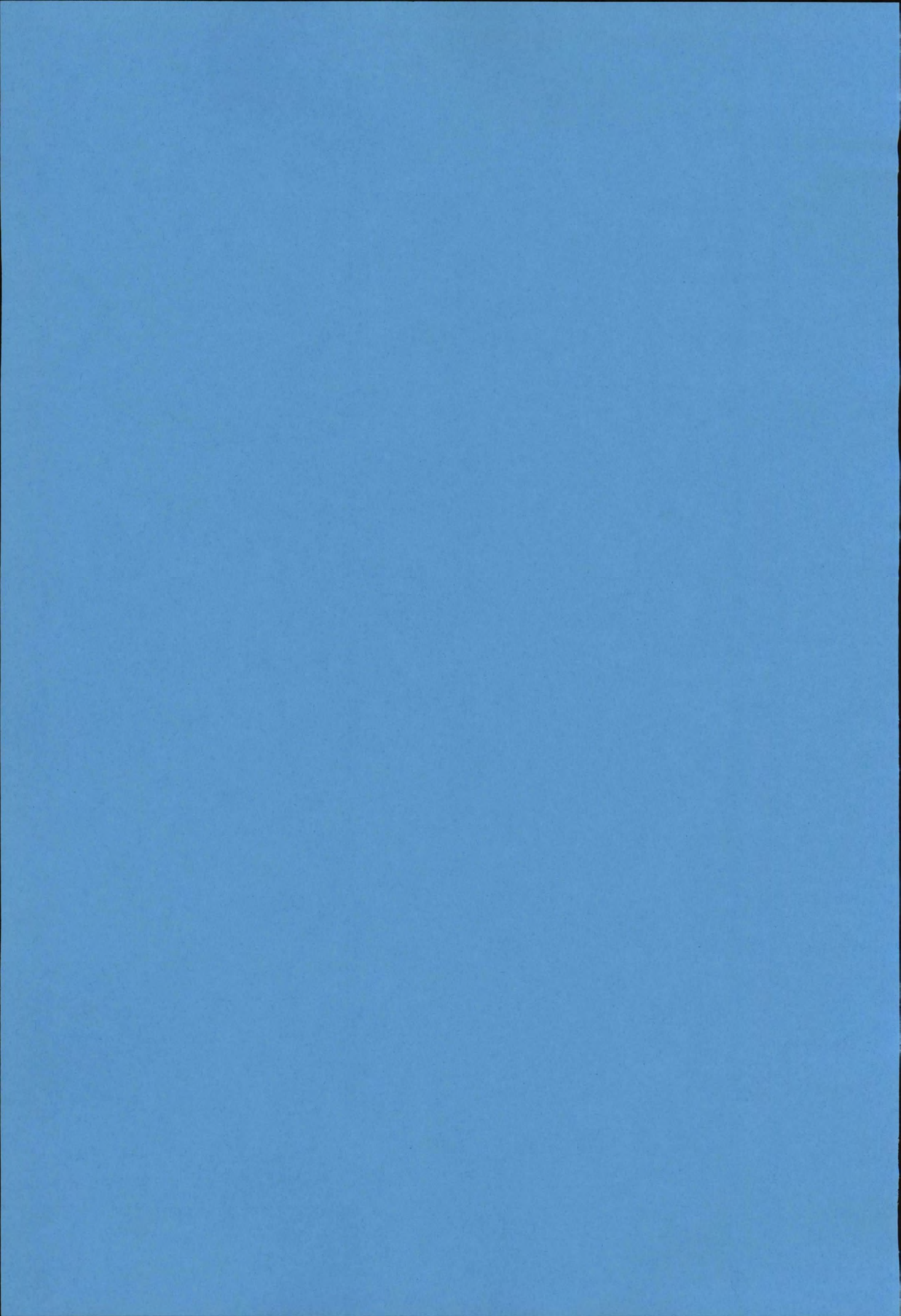
## Debietraai 5A deelraai 1 Zuidergat 22 september 1998

| ADCP file<br>Nummer | Eb / Vloed<br>/Kentering | Begintijd<br>(M.E.T.) | Eindtijd<br>(M.E.T.) | Koers<br>(deg.) | Vaarsnelheid<br>(knt) | Geluidssnelheid<br>(M/s) |
|---------------------|--------------------------|-----------------------|----------------------|-----------------|-----------------------|--------------------------|
| 47                  | Vloed                    | 13.16                 | 13.25                | 77.4            | 7                     | 1487                     |
| 48                  |                          | 13.26                 | 13.34                | 257.4           |                       |                          |
| 49                  |                          | 13.35                 | 13.43                | 77.4            |                       |                          |
| 50                  |                          | 13.45                 | 13.53                | 257.4           |                       |                          |
| 51                  |                          | 13.54                 | 14.02                | 77.4            |                       |                          |
| 52                  |                          | 14.03                 | 14.11                | 257.4           |                       |                          |
| 53                  |                          | 14.12                 | 14.22                | 77.4            |                       |                          |
| 54                  |                          | 14.23                 | 14.33                | 257.4           |                       |                          |
| 55                  |                          | 14.35                 | 14.47                | 77.4            |                       | 1489                     |
| 56                  |                          | 14.48                 | 14.59                | 257.4           |                       |                          |
| 57                  |                          | 15.01                 | 15.10                | 77.4            |                       |                          |
| 58                  |                          | 15.11                 | 15.20                | 257.4           |                       |                          |
| 59                  |                          | 15.25                 | 12.34                | 77.4            |                       |                          |
| 60                  |                          | 15.35                 | 15.44                | 257.4           |                       |                          |
| 61                  |                          | 15.45                 | 15.54                | 77.4            |                       |                          |
| 62                  |                          | 15.56                 | 16.03                | 257.4           |                       | 1492                     |
| 63                  |                          | 16.04                 | 16.14                | 77.4            |                       |                          |
| 64                  |                          | 16.14                 | 16.23                | 257.4           |                       |                          |
| 65                  |                          | 16.24                 | 16.35                | 77.4            |                       |                          |
| 66                  | Vloed                    | 16.36                 | 16.46                | 257.4           |                       |                          |
| 67                  | Kentering                | 16.47                 | 16.59                | 77.4            |                       |                          |
| 68                  | Eb                       | 17.00                 | 17.09                | 257.4           |                       |                          |
| 69                  |                          | 17.10                 | 17.21                | 77.4            |                       |                          |
| 70                  |                          | 17.22                 | 17.33                | 257.4           |                       |                          |
| 71                  |                          | 17.34                 | 17.44                | 77.4            |                       |                          |
| 72                  |                          | 17.45                 | 17.54                | 257.4           |                       |                          |
| 73                  |                          | 17.55                 | 18.06                | 77.4            |                       |                          |
| 74                  |                          | 18.08                 | 18.17                | 257.4           |                       |                          |
| 75                  | Eb                       | 18.19                 | 18.30                | 77.4            | 7                     | 1490                     |



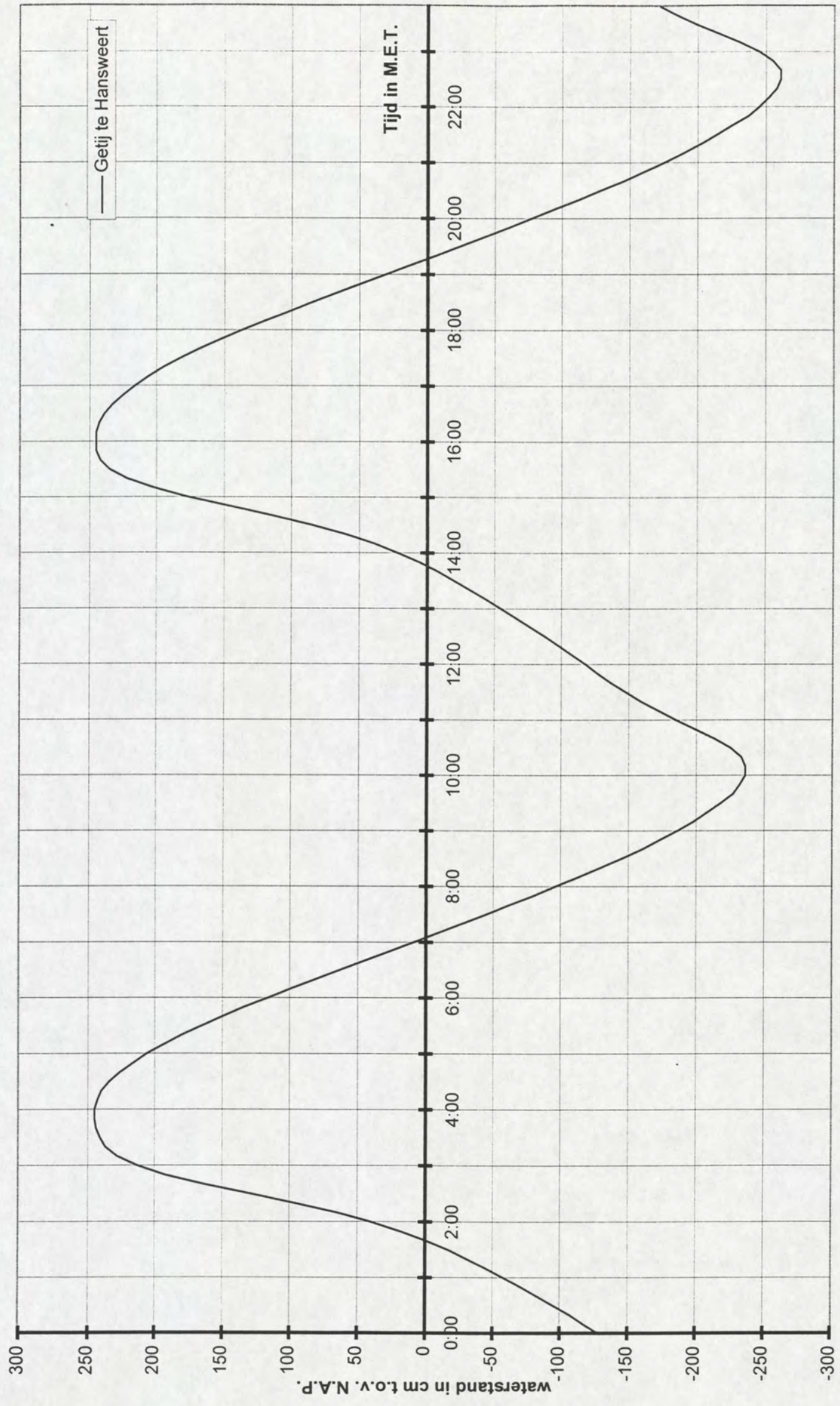
## 5. Opgetreden getij







# Getij te Hansweert op 22-09-1998





# HANSWEERT

di 22-sep-98

HANS WTr2 1 [cm/NAP]

gevalideerde waterstand RMI

| MET | :00  | :10  | :20  | :30  | :40  | :50  |
|-----|------|------|------|------|------|------|
| 00: | -128 | -117 | -107 | -95  | -83  | -71  |
| 01: | -58  | -45  | -31  | -17  | 0    | 19   |
| 02: | 40   | 65   | 96   | 129  | 163  | 192  |
| 03: | 213  | 228  | 237  | 241  | 244  | 245  |
| 04: | 245  | 243  | 240  | 234  | 226  | 216  |
| 05: | 206  | 193  | 180  | 165  | 150  | 134  |
| 06: | 116  | 99   | 81   | 63   | 45   | 27   |
| 07: | 9    | -9   | -27  | -45  | -62  | -80  |
| 08: | -96  | -113 | -129 | -145 | -160 | -173 |
| 09: | -186 | -198 | -208 | -218 | -227 | -232 |
| 10: | -236 | -236 | -233 | -225 | -213 | -199 |
| 11: | -185 | -172 | -159 | -148 | -137 | -127 |
| 12: | -118 | -108 | -98  | -88  | -77  | -66  |
| 13: | -55  | -44  | -32  | -20  | -8   | 6    |
| 14: | 22   | 39   | 60   | 85   | 114  | 145  |
| 15: | 177  | 202  | 222  | 235  | 242  | 245  |
| 16: | 245  | 245  | 243  | 239  | 233  | 225  |
| 17: | 216  | 206  | 195  | 182  | 168  | 153  |
| 18: | 137  | 120  | 102  | 85   | 67   | 49   |
| 19: | 31   | 13   | -6   | -24  | -42  | -60  |
| 20: | -77  | -94  | -112 | -128 | -145 | -160 |
| 21: | -175 | -189 | -202 | -214 | -225 | -237 |
| 22: | -245 | -252 | -258 | -261 | -261 | -255 |
| 23: | -245 | -231 | -215 | -199 | -185 | -172 |



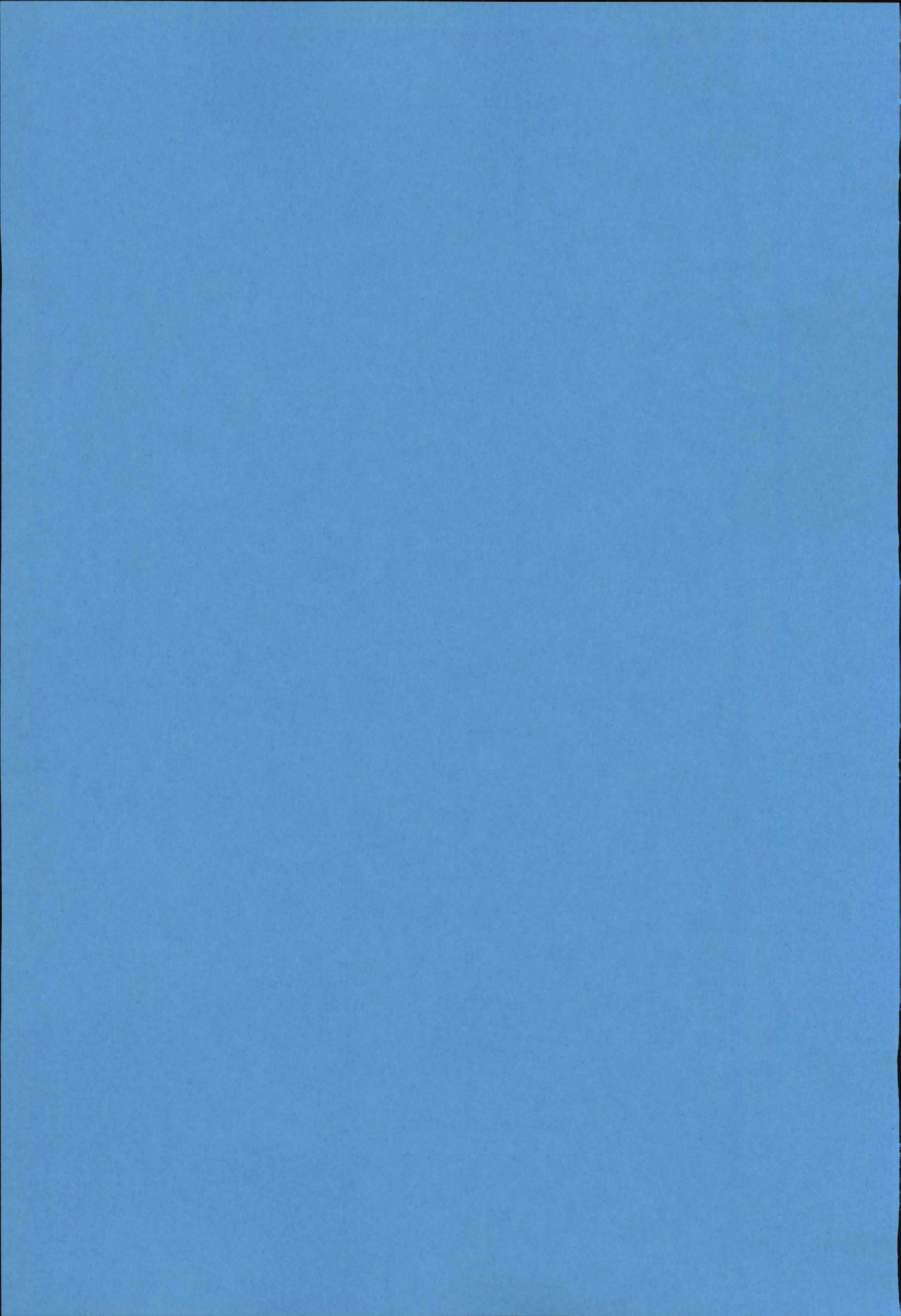
waterstanden lokatie zuid ( 9999) uit WTr2 WALS  
x= 61404. y= 378911.

|        |      | 0    | 10   | 20   | 30   | 40   | 50   |
|--------|------|------|------|------|------|------|------|
| 980922 | 0000 | -137 | -126 | -115 | -104 | -92  | -81  |
|        | 0100 | -68  | -55  | -42  | -28  | -13  | 3    |
|        | 0200 | 20   | 42   | 67   | 96   | 129  | 163  |
|        | 0300 | 193  | 215  | 230  | 241  | 249  | 253  |
|        | 0400 | 258  | 258  | 255  | 253  | 246  | 237  |
|        | 0500 | 226  | 212  | 197  | 180  | 163  | 145  |
|        | 0600 | 127  | 110  | 93   | 75   | 57   | 38   |
|        | 0700 | 20   | 2    | -16  | -35  | -52  | -70  |
|        | 0800 | -87  | -103 | -120 | -137 | -151 | -165 |
|        | 0900 | -179 | -193 | -205 | -216 | -225 | -234 |
|        | 1000 | -241 | -245 | -245 | -241 | -233 | -220 |
|        | 1100 | -205 | -189 | -174 | -161 | -148 | -138 |
|        | 1200 | -127 | -116 | -106 | -96  | -85  | -74  |
|        | 1300 | -63  | -51  | -41  | -28  | -16  | -4   |
|        | 1400 | 10   | 25   | 43   | 62   | 87   | 115  |
|        | 1500 | 147  | 178  | 204  | 223  | 238  | 248  |
|        | 1600 | 254  | 256  | 257  | 255  | 251  | 245  |
|        | 1700 | 238  | 227  | 215  | 200  | 184  | 167  |
|        | 1800 | 149  | 131  | 114  | 97   | 79   | 60   |
|        | 1900 | 42   | 24   | 6    | -12  | -30  | -48  |
|        | 2000 | -66  | -83  | -101 | -118 | -135 | -151 |
|        | 2100 | -166 | -180 | -194 | -208 | -220 | -231 |
|        | 2200 | -243 | -251 | -260 | -266 | -269 | -269 |
|        | 2300 | -264 | -251 | -236 | -219 | -202 | -186 |



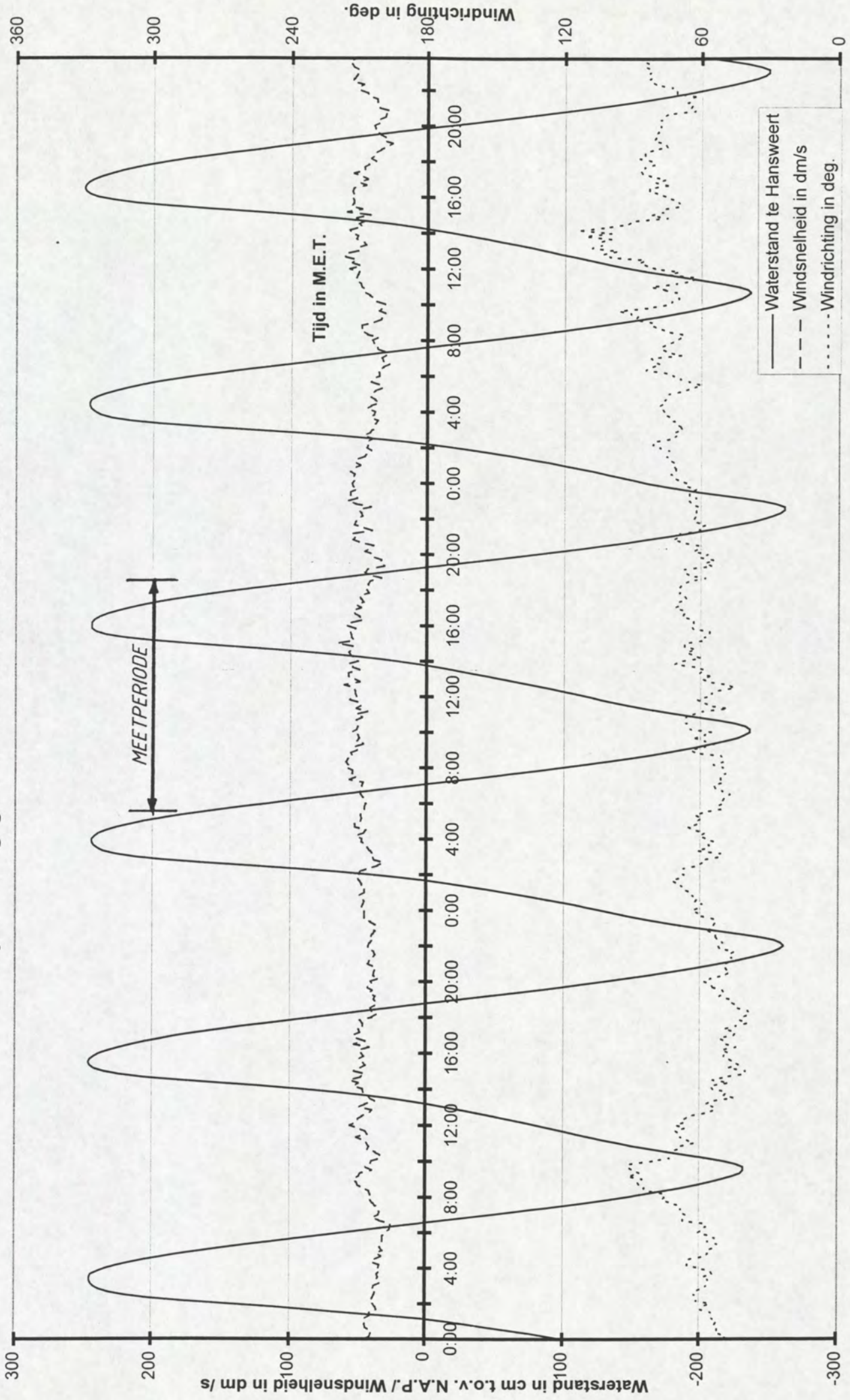
## 6. Wind- en getijgegevens



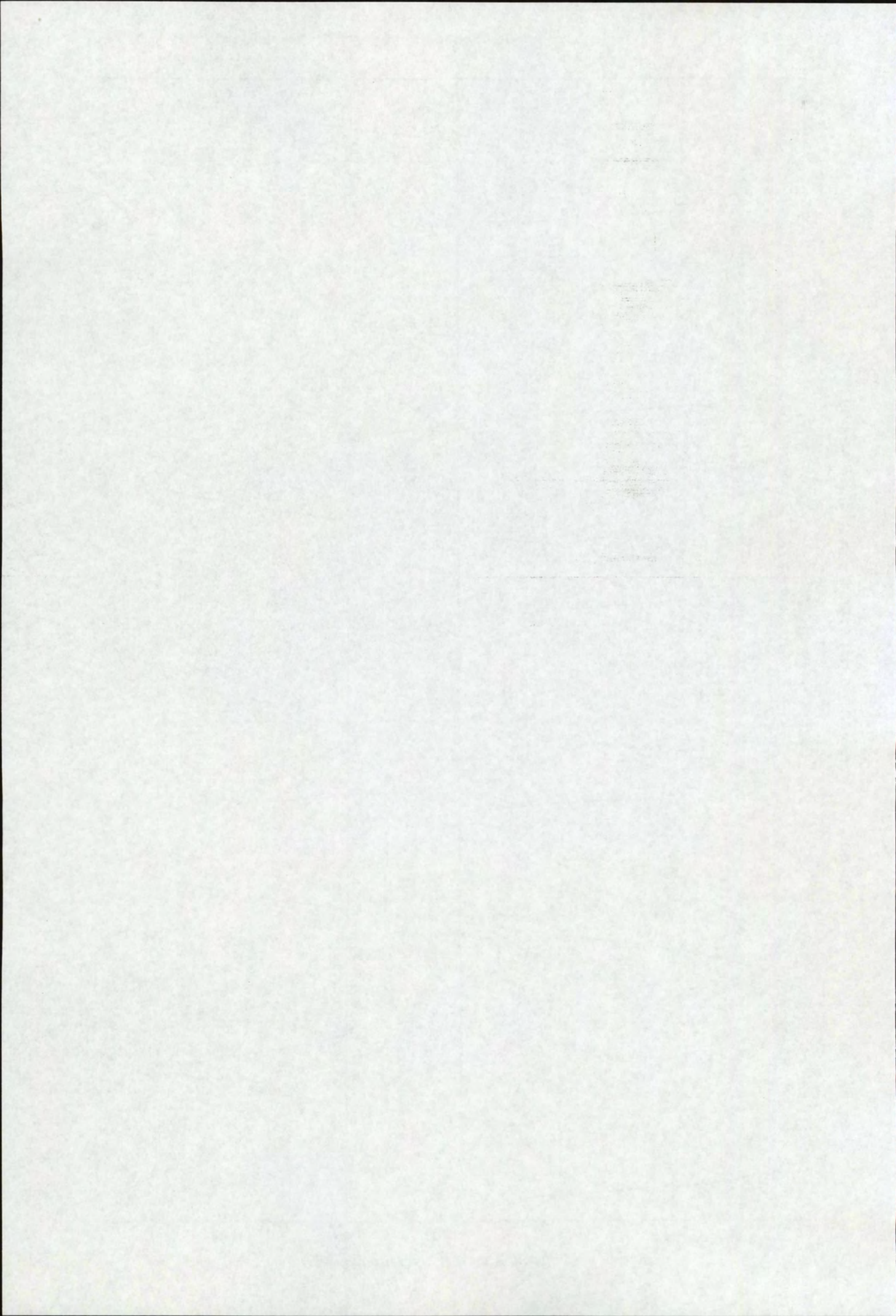




Getij en Wind gegevens te Hansweert van 21 t/m 23-09-1998









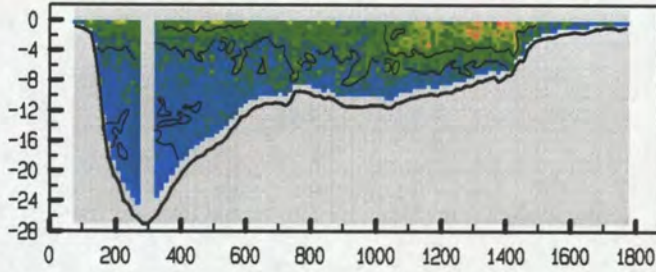
## 7a Gevalideerde tracks Zuidergat



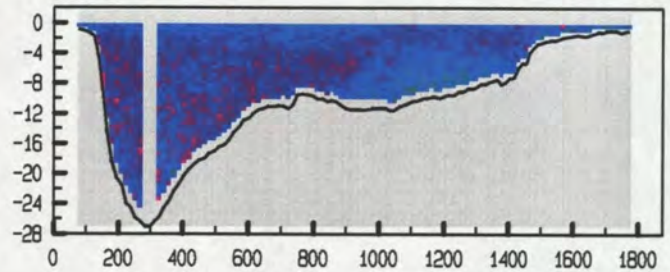
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

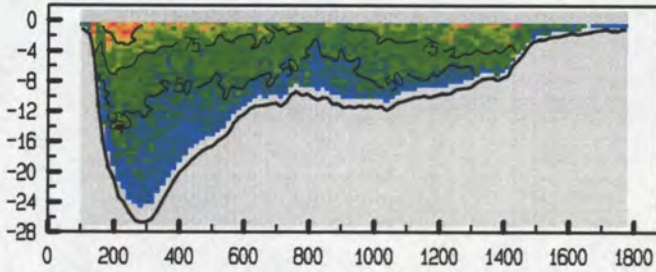
adcpfile : 5azu001a.val tijd : 0536 - 0547



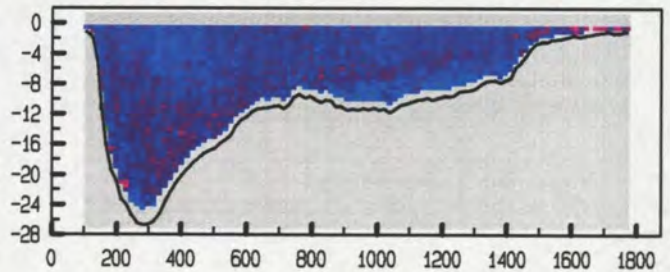
adcpfile : 5azu001a.val tijd : 0536 - 0547



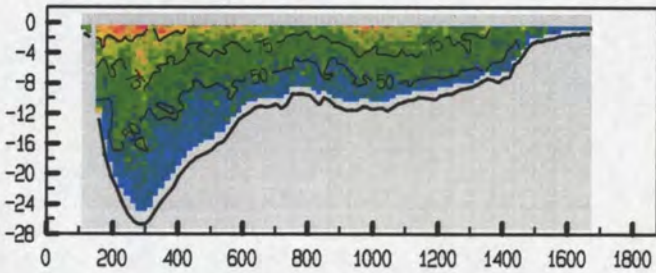
adcpfile : 5azu002a.val tijd : 0548 - 0557



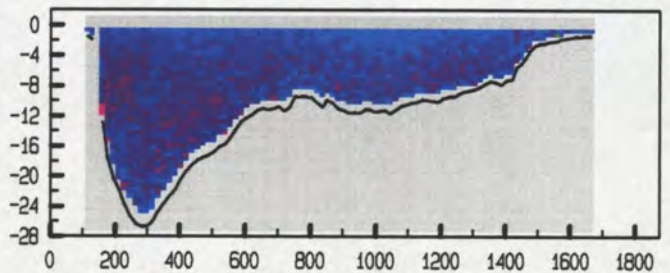
adcpfile : 5azu002a.val tijd : 0548 - 0557



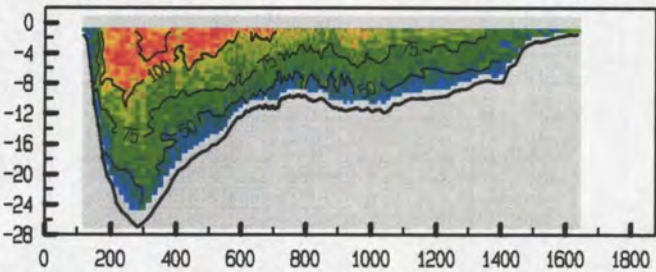
adcpfile : 5azu003a.val tijd : 0558 - 0606



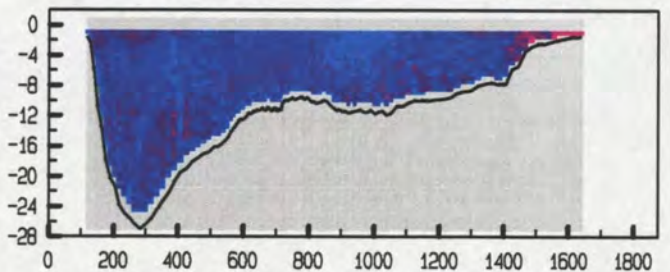
adcpfile : 5azu003a.val tijd : 0558 - 0606



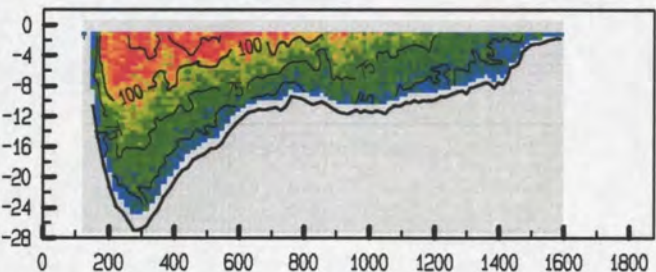
adcpfile : 5azu004a.val tijd : 0613 - 0624



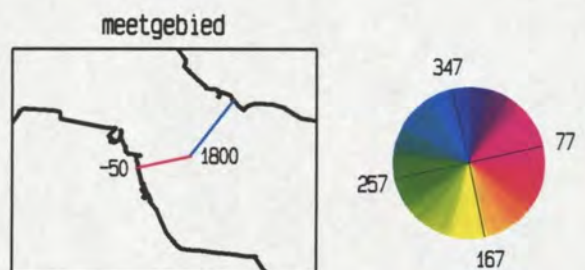
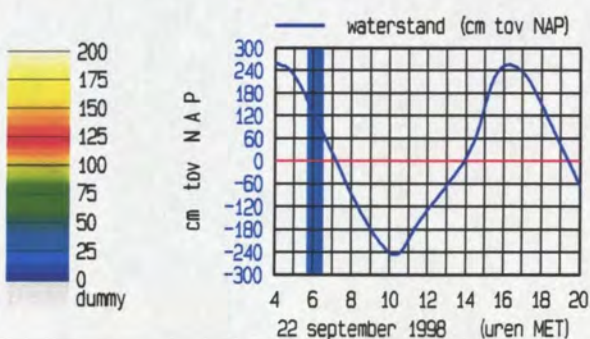
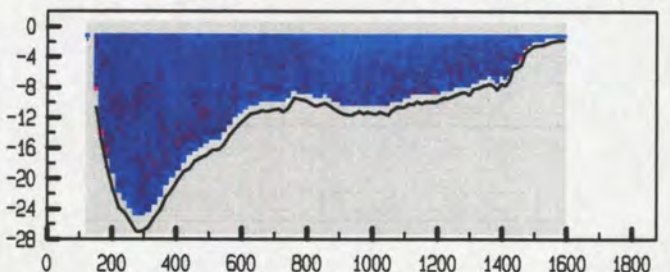
adcpfile : 5azu004a.val tijd : 0613 - 0624



adcpfile : 5azu005a.val tijd : 0625 - 0633



adcpfile : 5azu005a.val tijd : 0625 - 0633

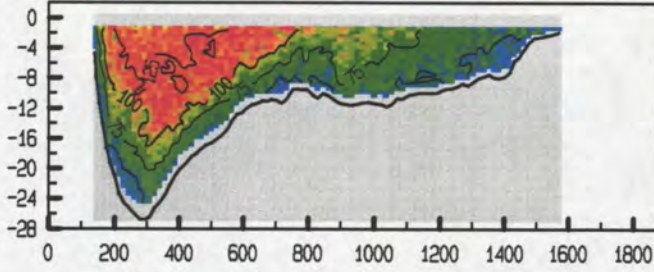




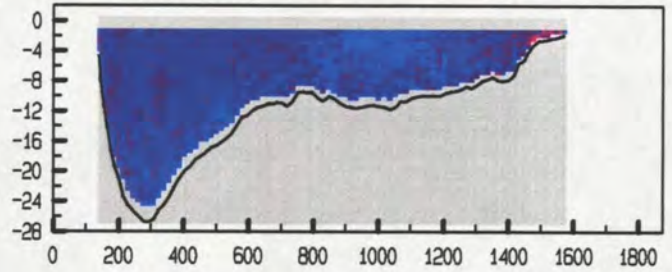
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

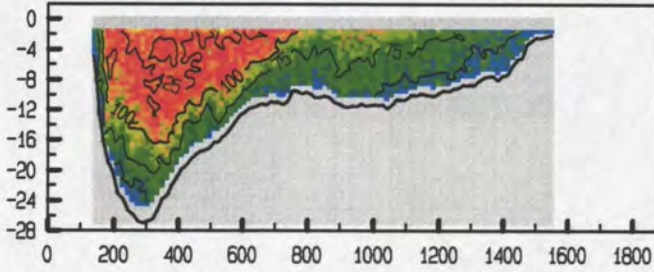
adcpfile : 5azu006a.val tijd : 0636 - 0644



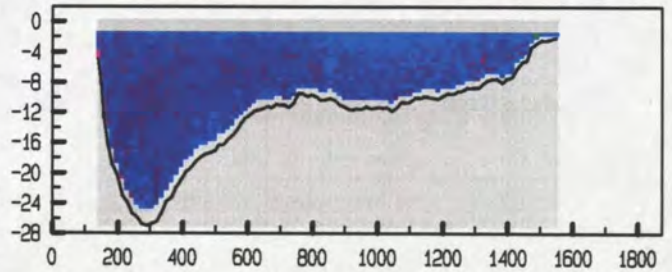
adcpfile : 5azu006a.val tijd : 0636 - 0644



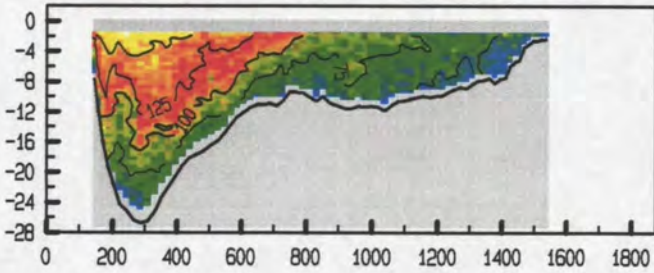
adcpfile : 5azu007a.val tijd : 0644 - 0653



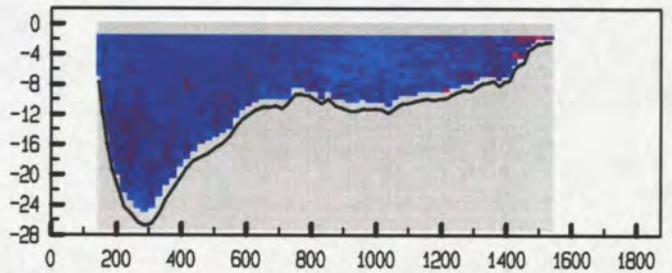
adcpfile : 5azu007a.val tijd : 0644 - 0653



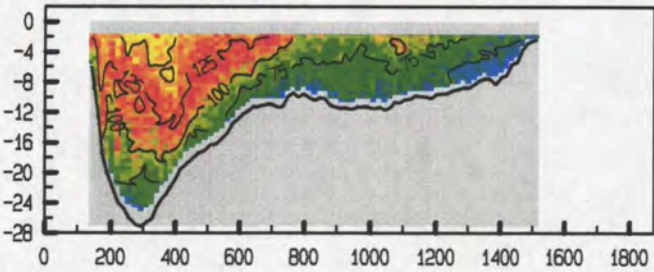
adcpfile : 5azu008a.val tijd : 0655 - 0701



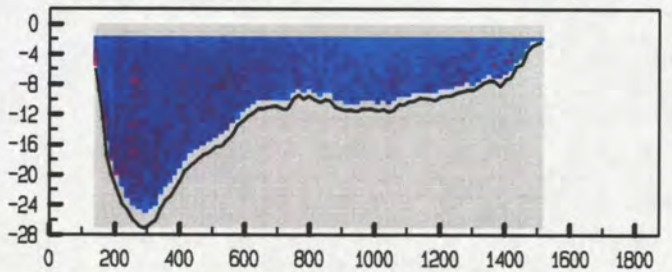
adcpfile : 5azu008a.val tijd : 0655 - 0701



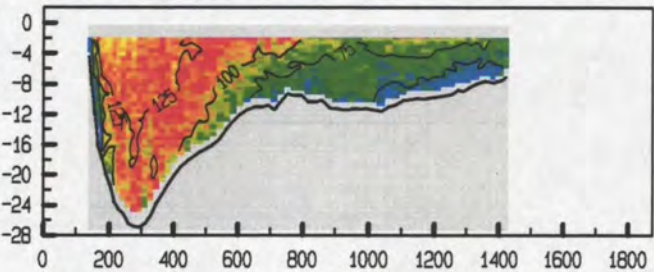
adcpfile : 5azu009a.val tijd : 0704 - 0711



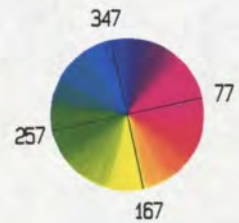
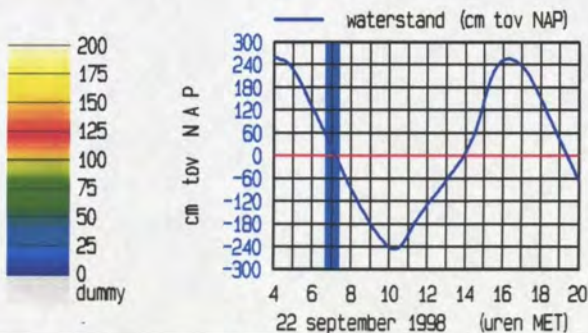
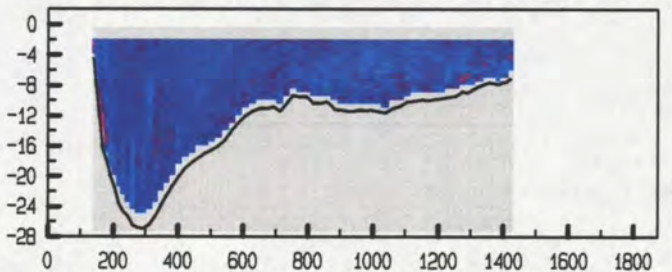
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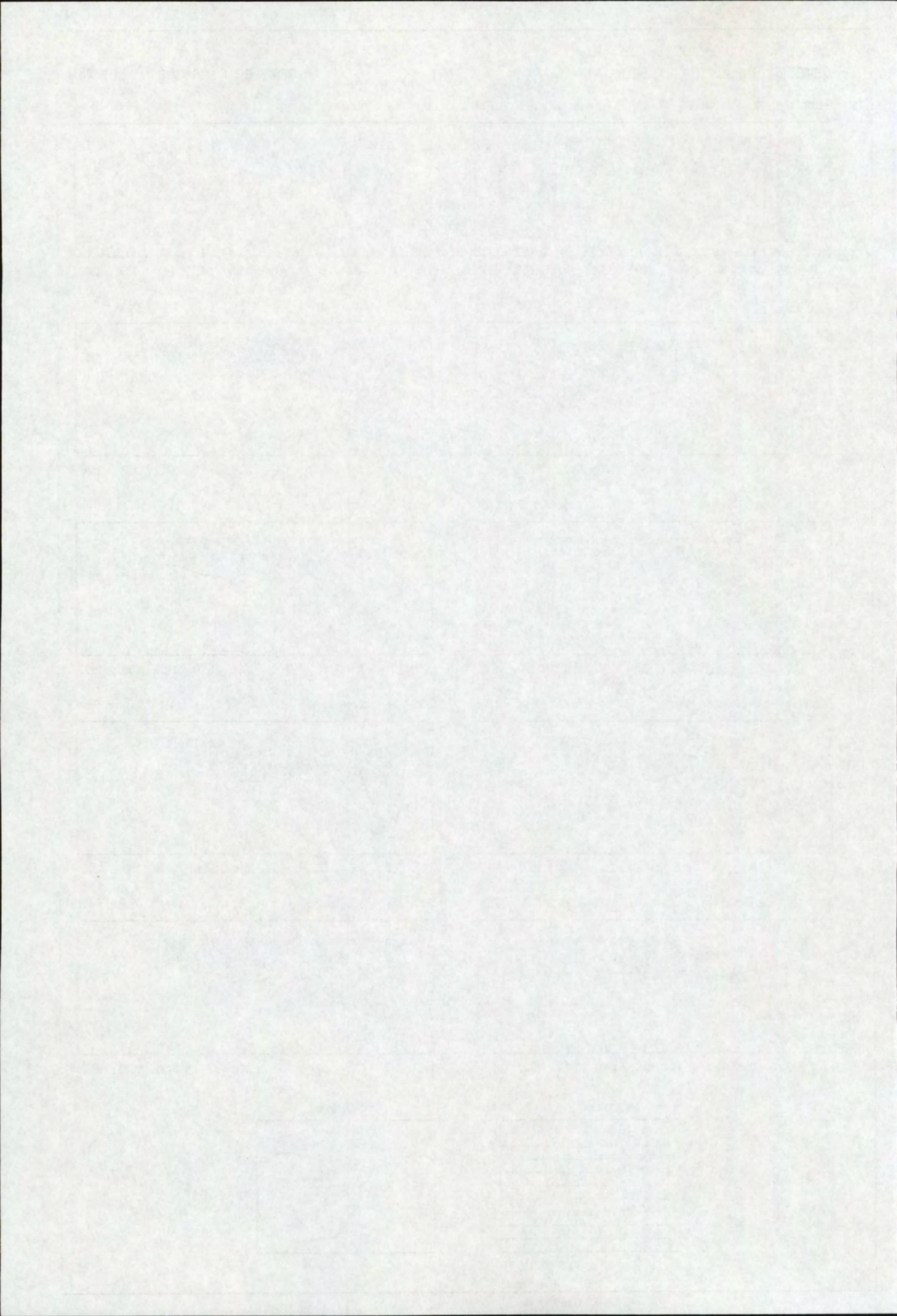
adcpfile : 5azu010a.val tijd : 0720 - 0726



adcpfile : 5azu010a.val tijd : 0720 - 0726





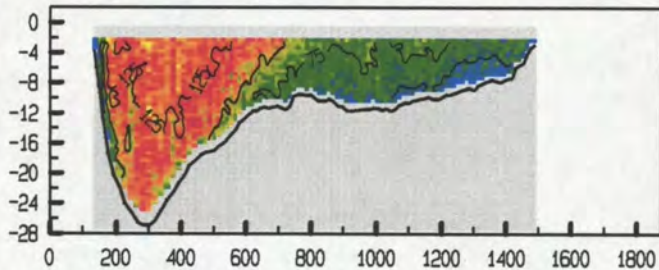




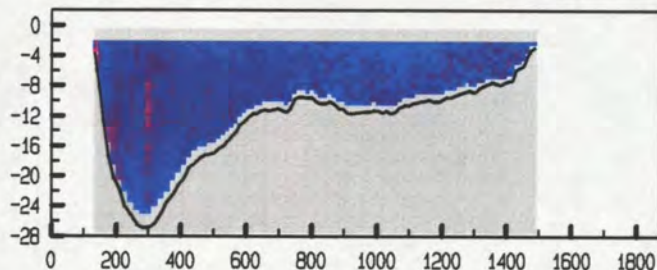
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

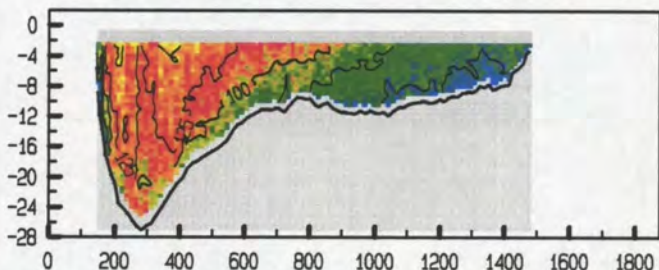
adcpfile : 5azu011a.val tijd : 0728 - 0736



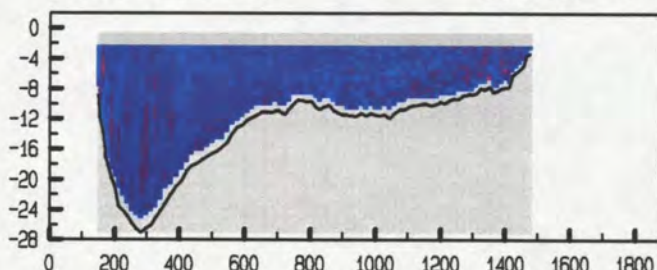
adcpfile : 5azu011a.val tijd : 0728 - 0736



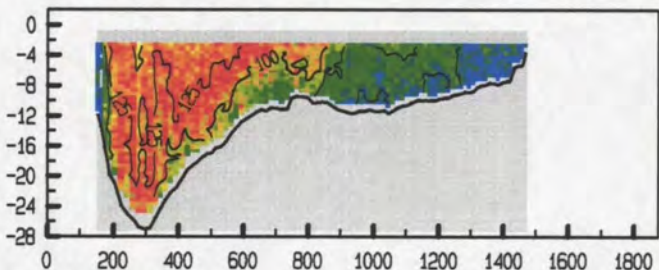
adcpfile : 5azu012a.val tijd : 0737 - 0745



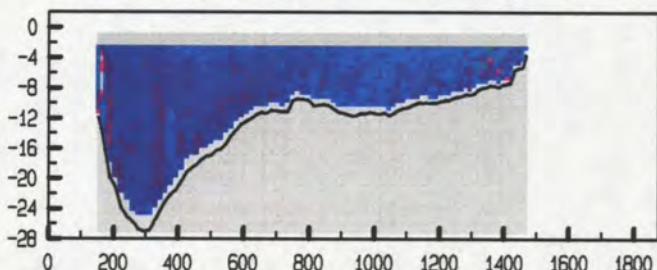
adcpfile : 5azu012a.val tijd : 0737 - 0745



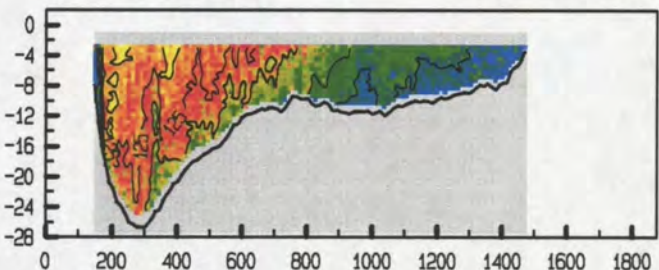
adcpfile : 5azu013a.val tijd : 0746 - 0754



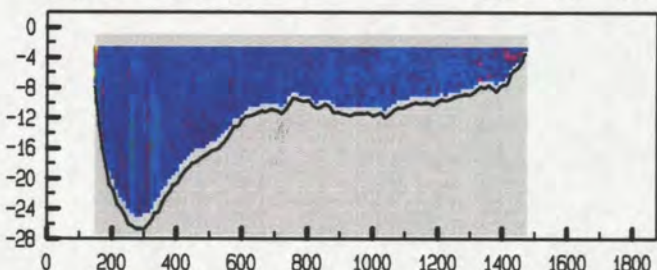
adcpfile : 5azu013a.val tijd : 0746 - 0754



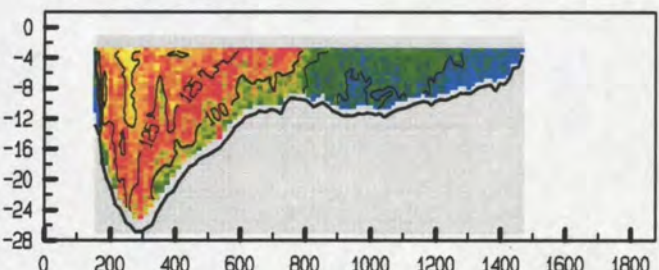
adcpfile : 5azu014a.val tijd : 0756 - 0806



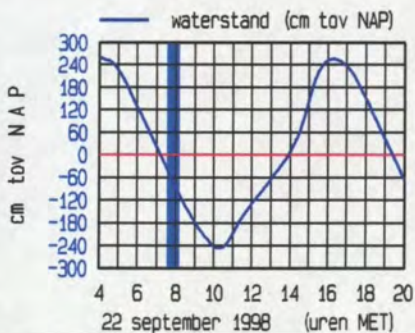
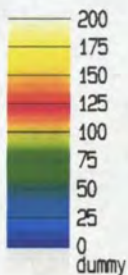
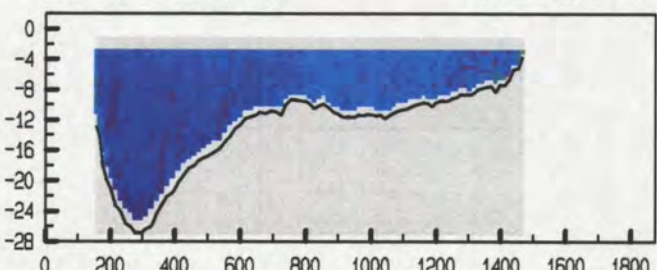
adcpfile : 5azu014a.val tijd : 0756 - 0806



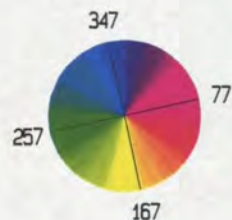
adcpfile : 5azu015a.val tijd : 0807 - 0814



adcpfile : 5azu015a.val tijd : 0807 - 0814



meetgebied

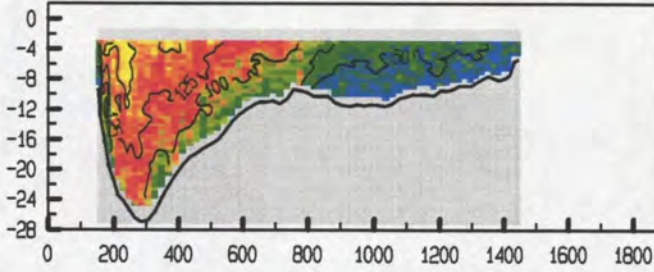




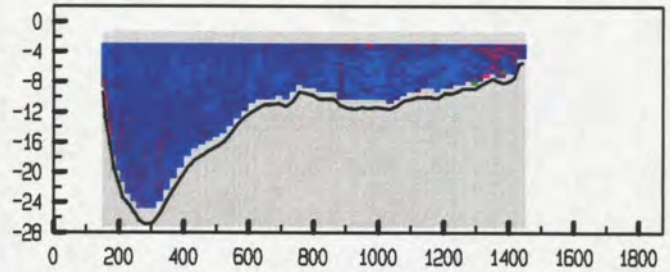
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

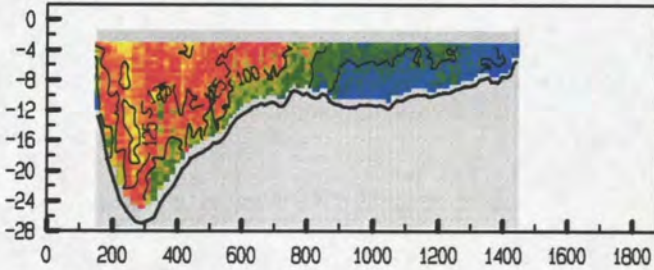
adcpfile : 5azu016a.val tijd : 0815 - 0821



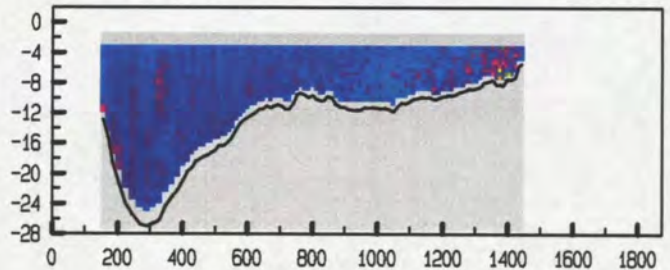
adcpfile : 5azu016a.val tijd : 0815 - 0821



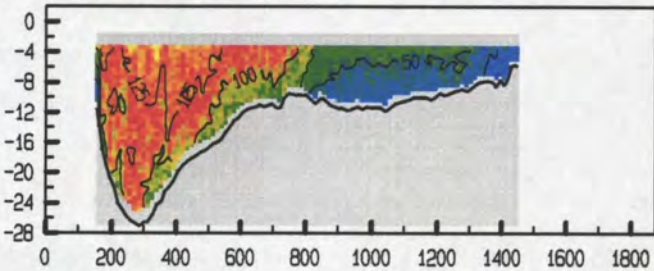
adcpfile : 5azu017a.val tijd : 0822 - 0830



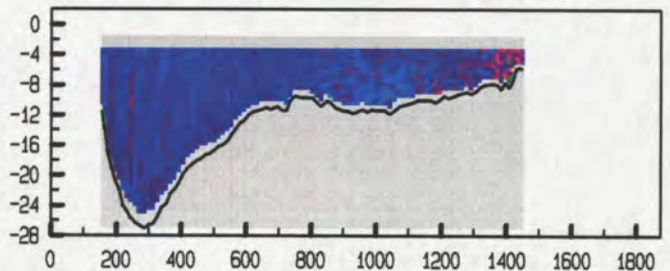
adcpfile : 5azu017a.val tijd : 0822 - 0830



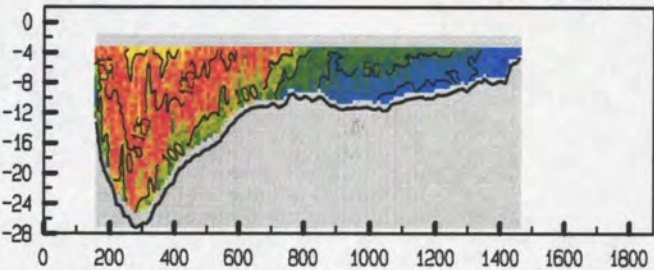
adcpfile : 5azu018a.val tijd : 0831 - 0839



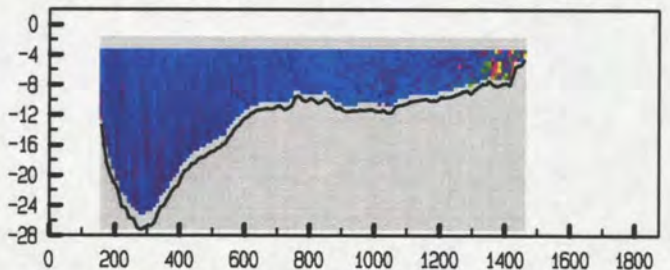
adcpfile : 5azu018a.val tijd : 0831 - 0839



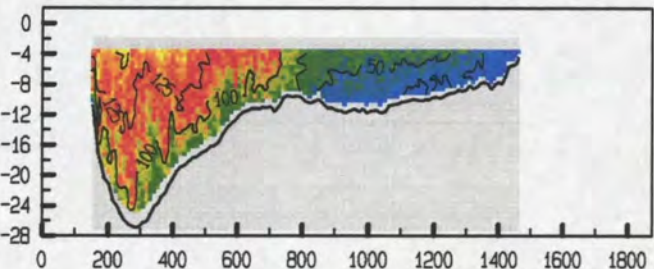
adcpfile : 5azu019a.val tijd : 0840 - 0850



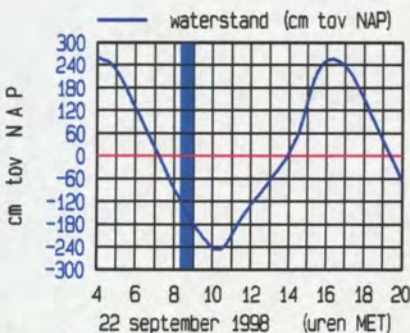
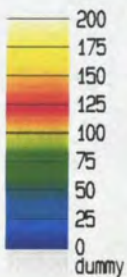
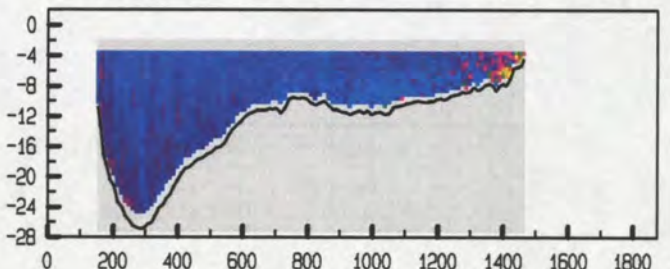
adcpfile : 5azu019a.val tijd : 0840 - 0850



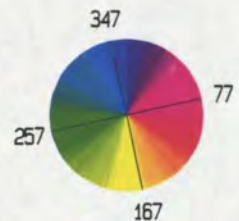
adcpfile : 5azu020a.val tijd : 0852 - 0901



adcpfile : 5azu020a.val tijd : 0852 - 0901



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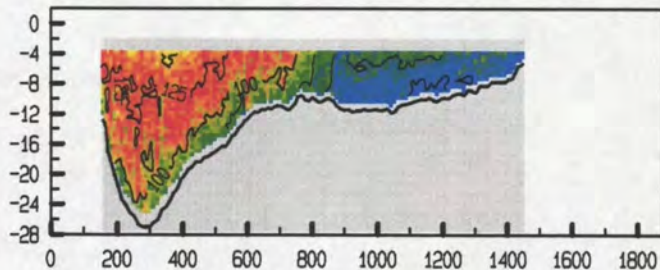




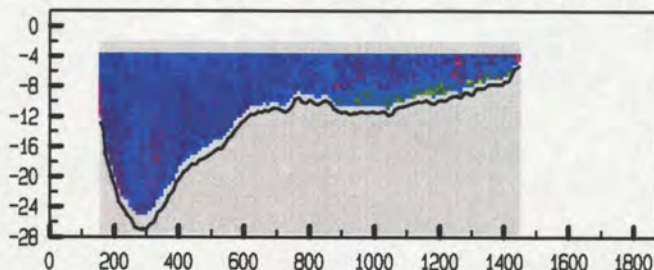
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

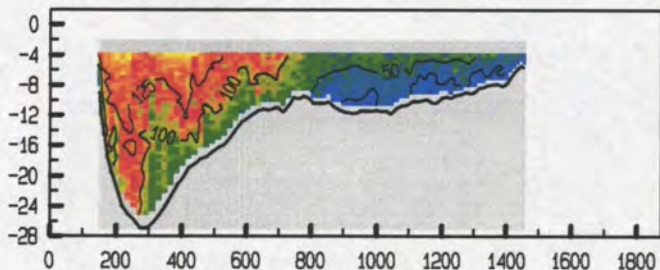
adcpfile : 5azu021a.val tijd : 0902 - 0911



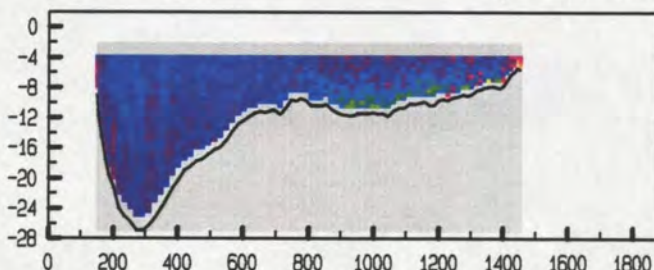
adcpfile : 5azu021a.val tijd : 0902 - 0911



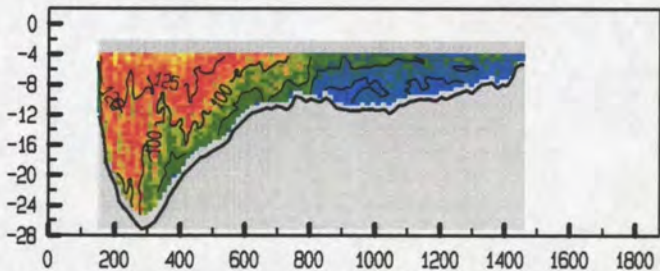
adcpfile : 5azu022a.val tijd : 0913 - 0920



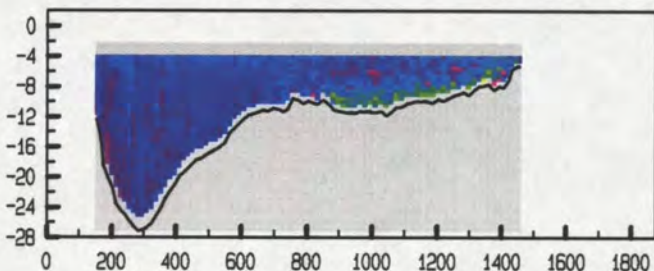
adcpfile : 5azu022a.val tijd : 0913 - 0920



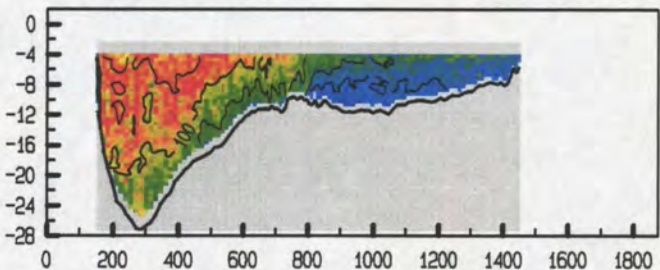
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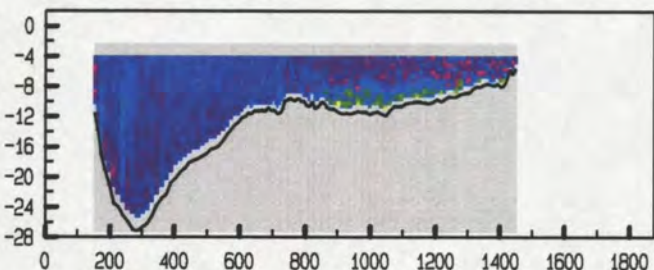
adcpfile : 5azu023a.val tijd : 0922 - 0929



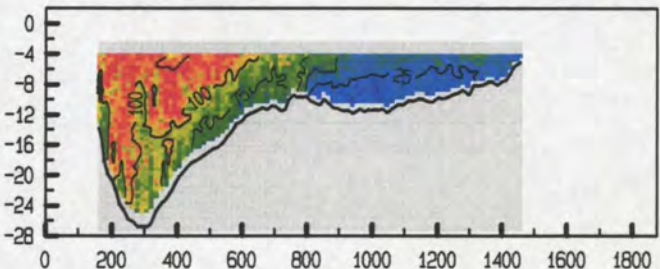
adcpfile : 5azu024a.val tijd : 0933 - 0942



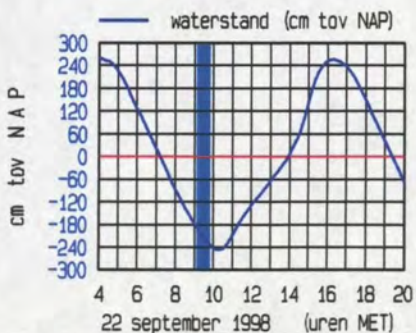
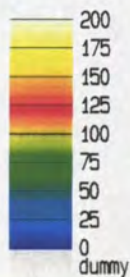
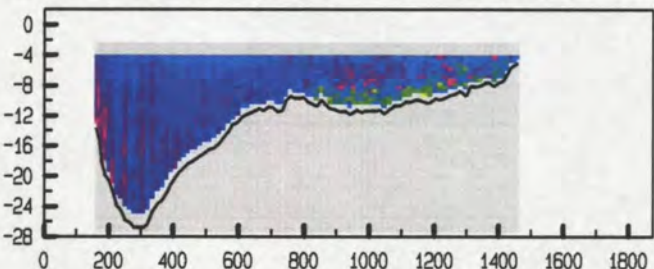
adcpfile : 5azu024a.val tijd : 0933 - 0942



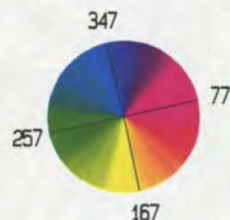
adcpfile : 5azu025a.val tijd : 0943 - 0951



adcpfile : 5azu025a.val tijd : 0943 - 0951



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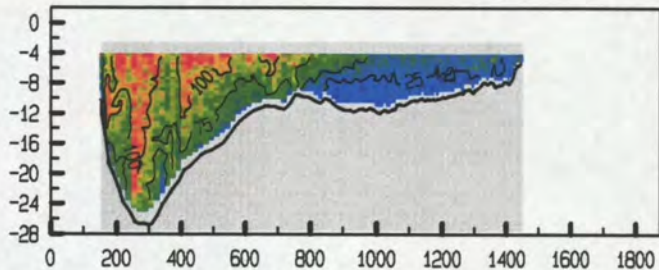




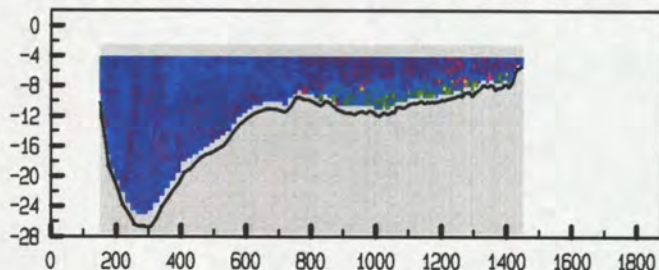
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

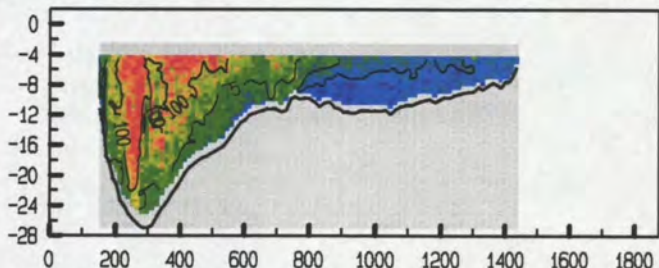
adcpfile : 5azu026a.val tijd : 0952 - 1002



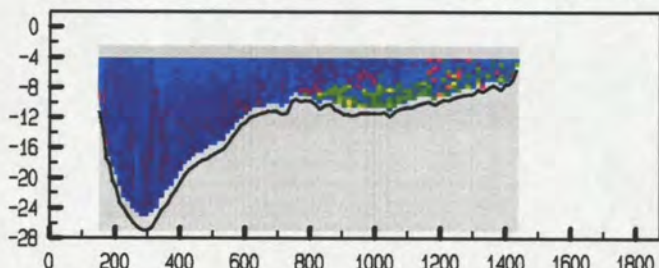
adcpfile : 5azu026a.val tijd : 0952 - 1002



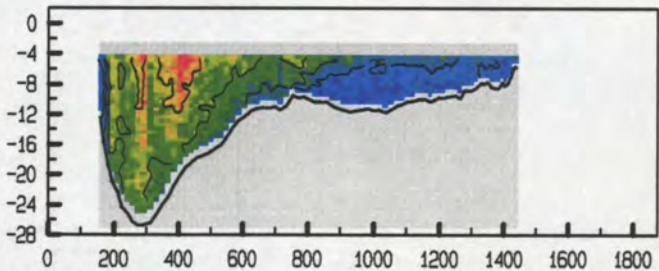
adcpfile : 5azu027a.val tijd : 1002 - 1010



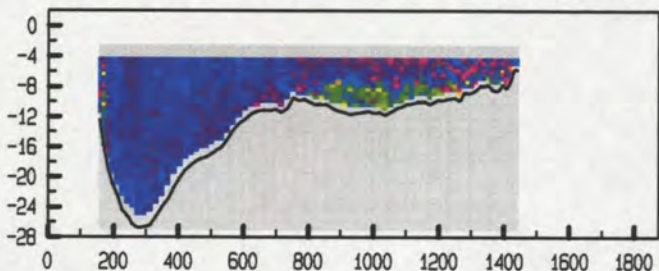
adcpfile : 5azu027a.val tijd : 1002 - 1010



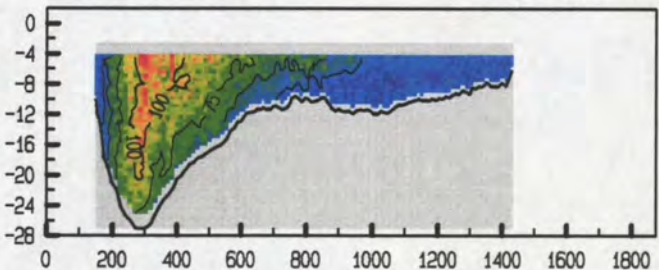
adcpfile : 5azu028a.val tijd : 1011 - 1017



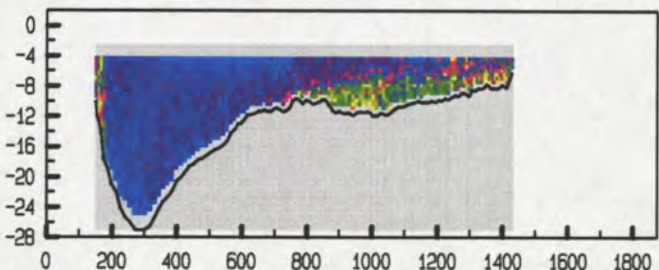
adcpfile : 5azu028a.val tijd : 1011 - 1017



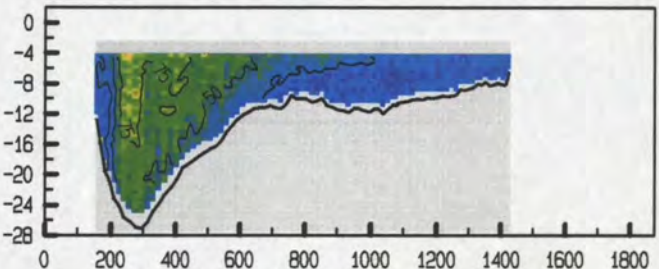
adcpfile : 5azu029a.val tijd : 1020 - 1030



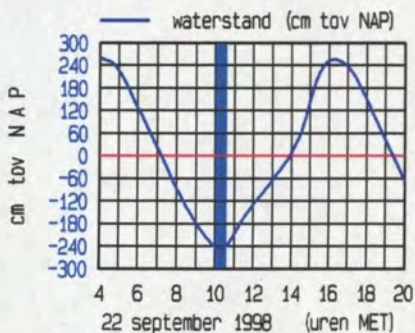
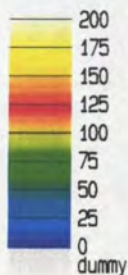
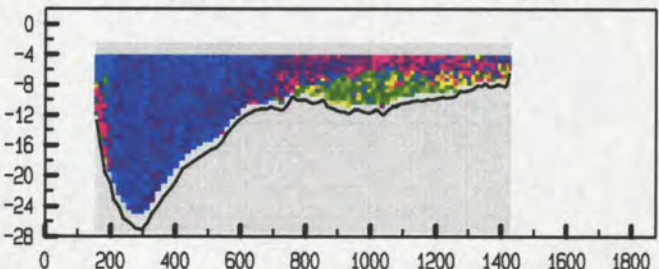
adcpfile : 5azu029a.val tijd : 1020 - 1030



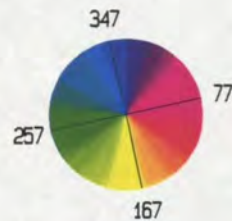
adcpfile : 5azu030a.val tijd : 1031 - 1038



adcpfile : 5azu030a.val tijd : 1031 - 1038



meetgebied

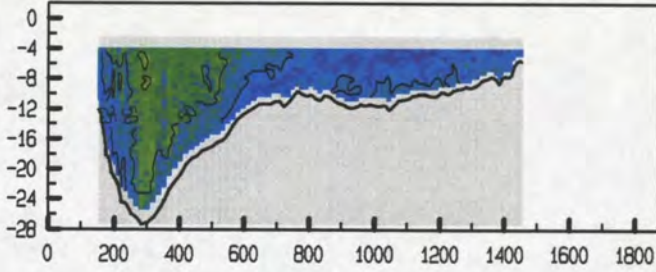




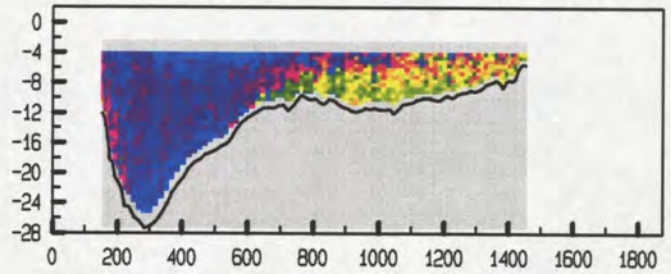
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

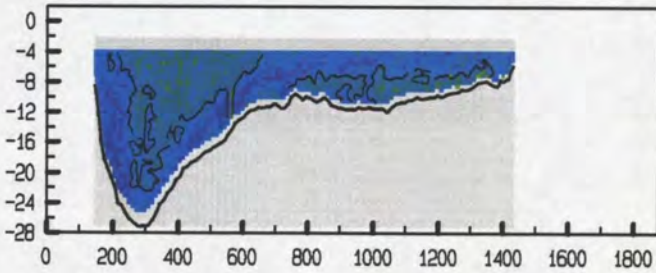
adcpfile : 5azu031a.val tijd : 1042 - 1050



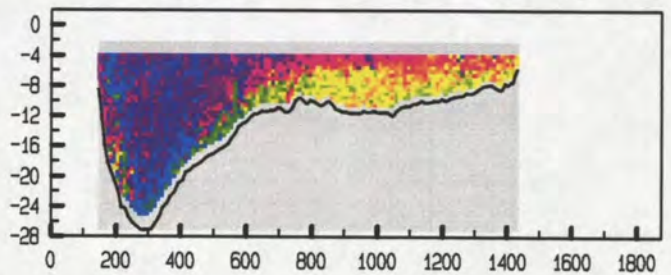
adcpfile : 5azu031a.val tijd : 1042 - 1050



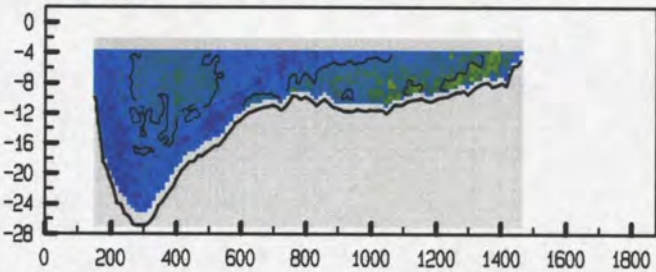
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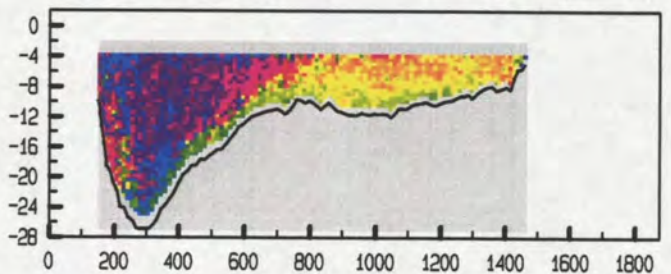
adcpfile : 5azu032a.val tijd : 1052 - 1101



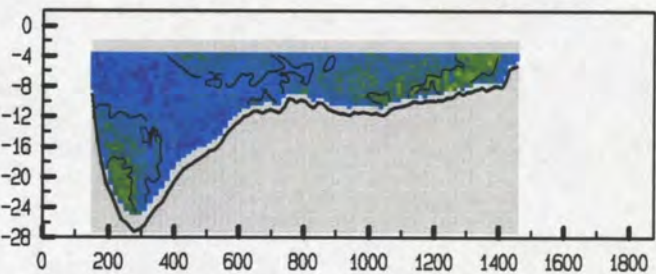
adcpfile : 5azu033a.val tijd : 1102 - 1111



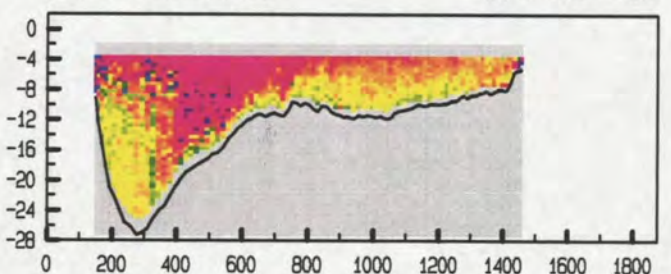
adcpfile : 5azu033a.val tijd : 1102 - 1111



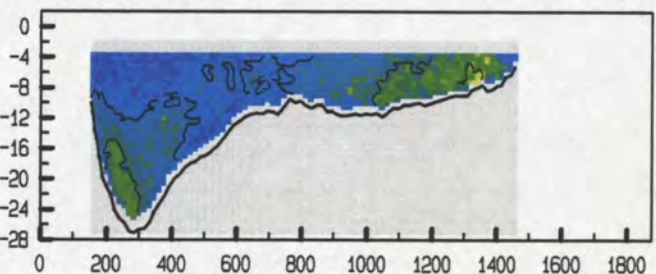
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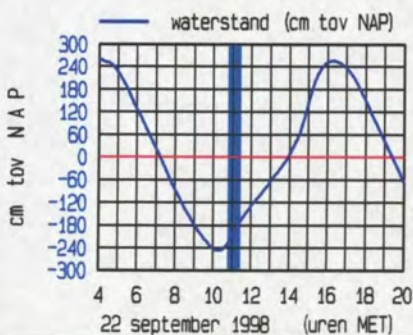
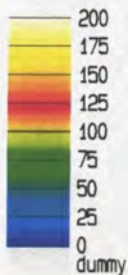
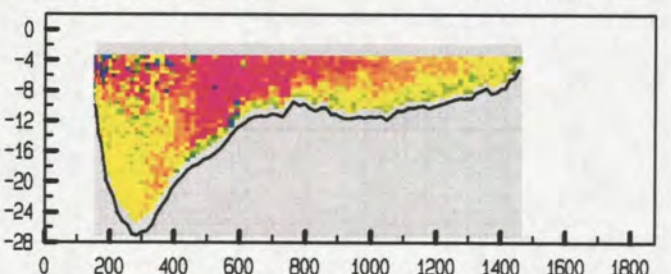
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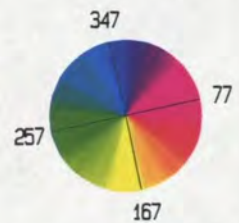
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adcpfile : 5azu035a.val tijd : 1120 - 1127



meetgebied

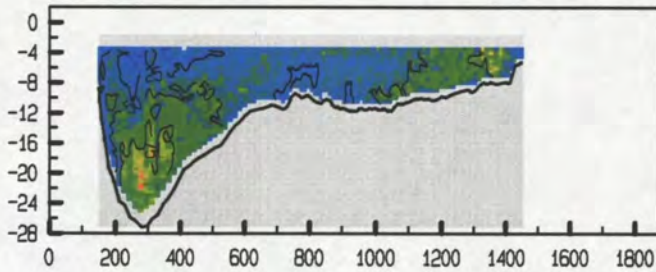




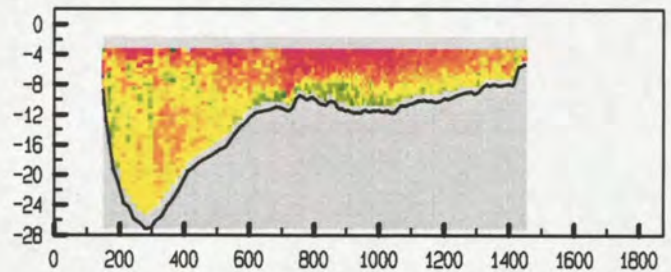
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

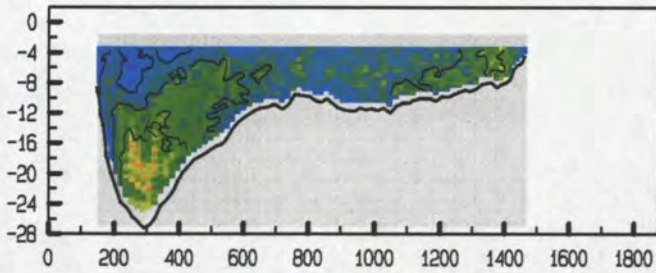
adcpfile : 5azu036a.val tijd : 1130 - 1139



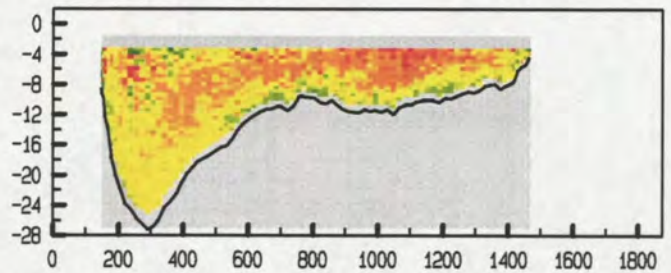
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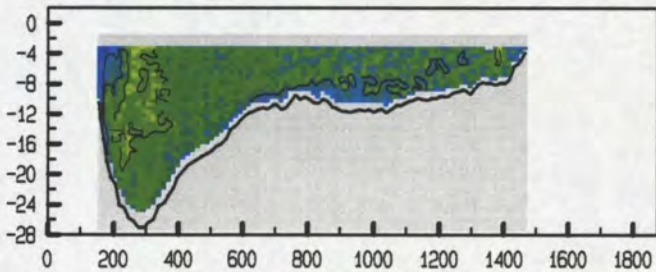
adcpfile : 5azu037a.val tijd : 1140 - 1147



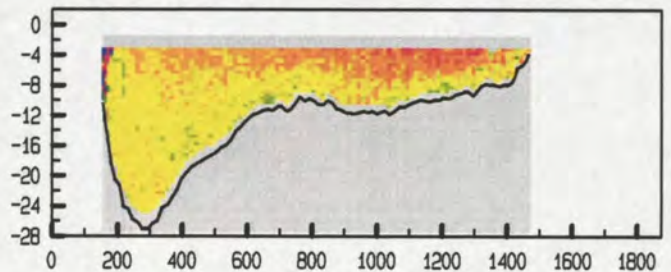
adcpfile : 5azu037a.val tijd : 1140 - 1147



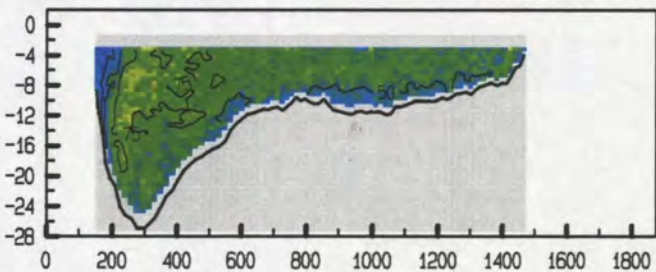
adcpfile : 5azu038a.val tijd : 1152 - 1159



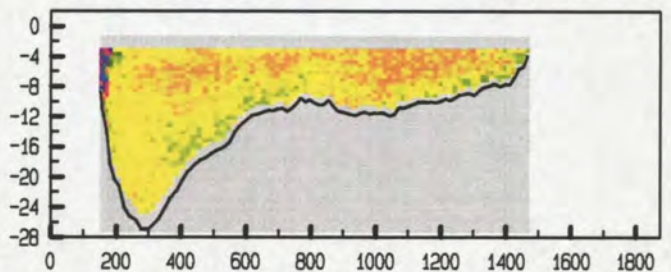
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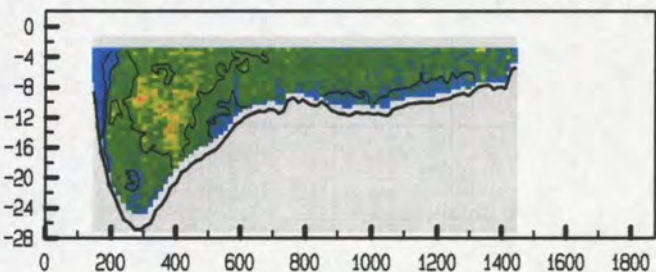
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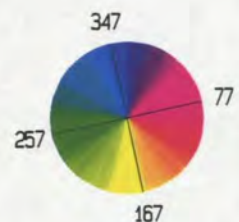
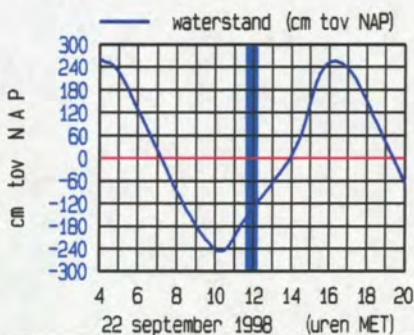
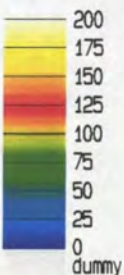
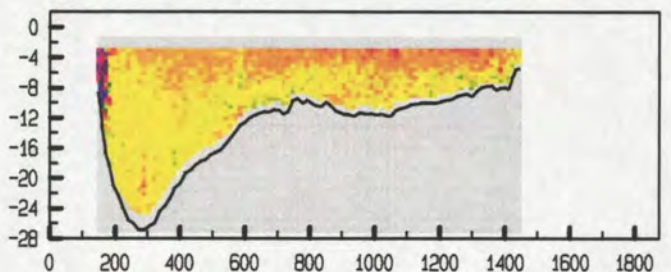
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adcpfile : 5azu040a.val tijd : 1208 - 1216



adcpfile : 5azu040a.val tijd : 1208 - 1216



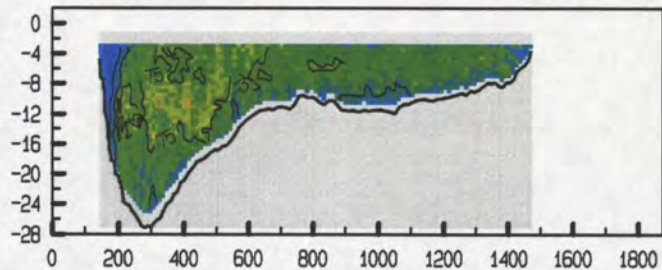


Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

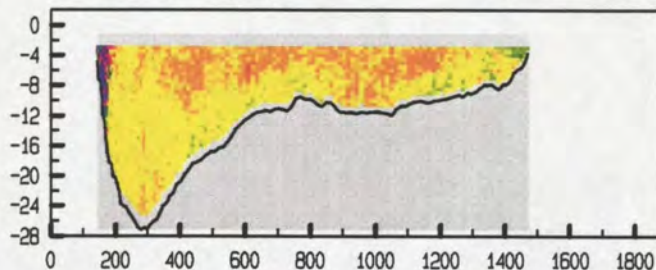
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tijd : 1217 - 1227



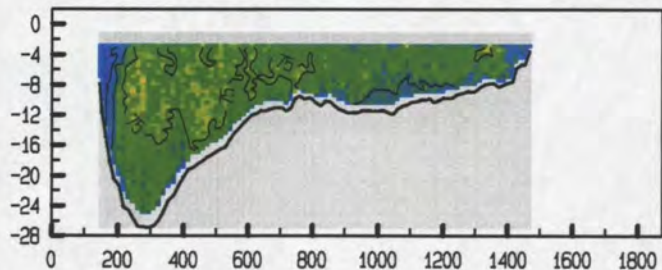
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tijd : 1217 - 1227



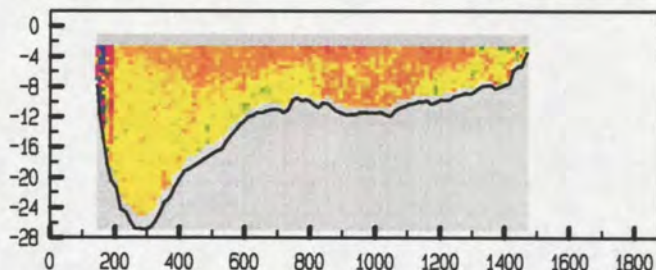
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tijd : 1228 - 1236



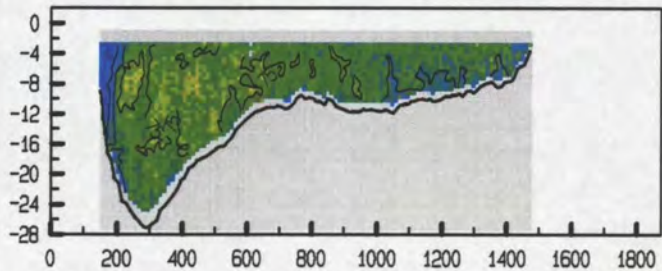
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tijd : 1228 - 1236



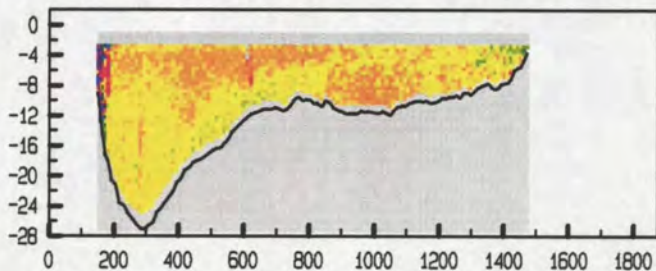
adcpfile : 5azu043a.val

tijd : 1237 - 1246



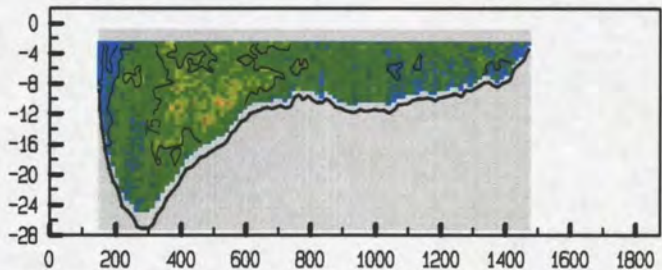
adcpfile : 5azu043a.val

tijd : 1237 - 1246



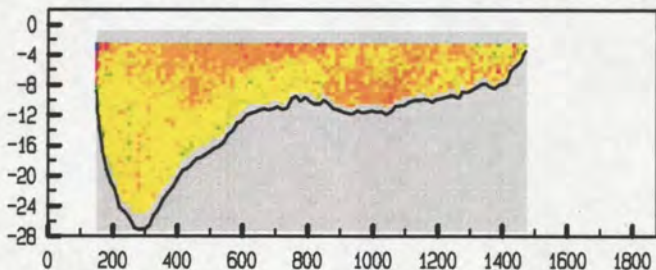
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tijd : 1247 - 1255



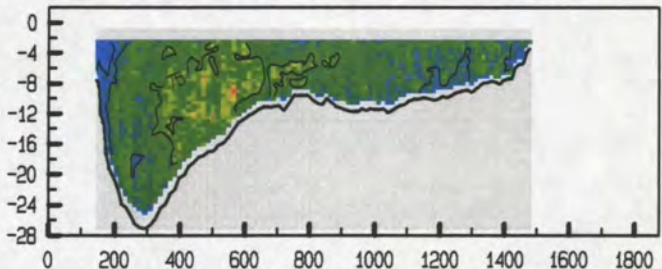
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tijd : 1247 - 1255



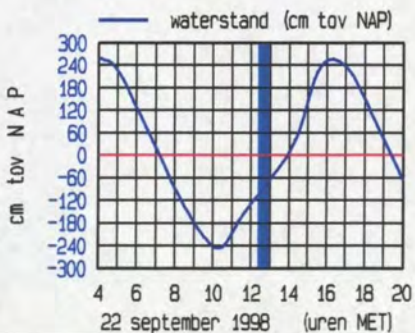
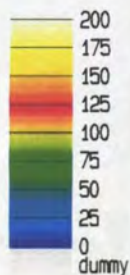
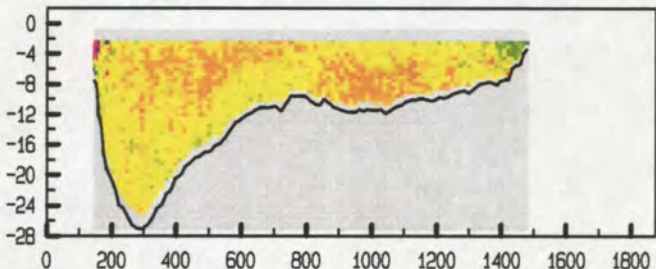
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tijd : 1256 - 1305

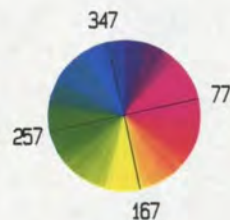


adcpfile : 5azu045a.val

tijd : 1256 - 1305



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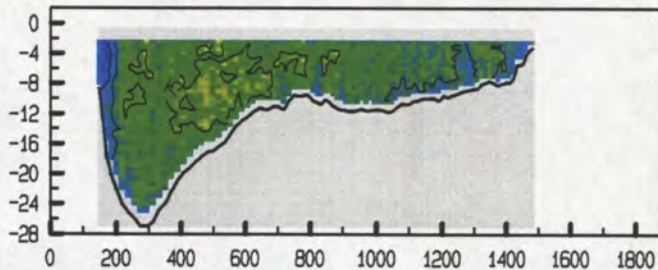


Zuidergat dd 22 september 1998  
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gemeten richting (° tov N)

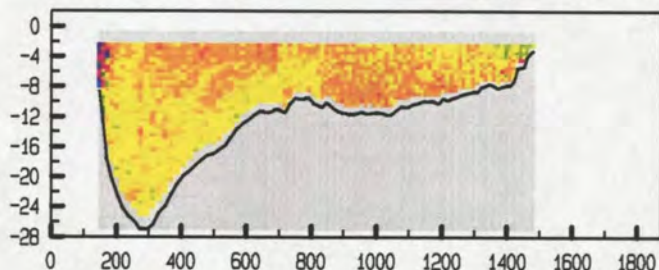
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tijd : 1306 - 1314



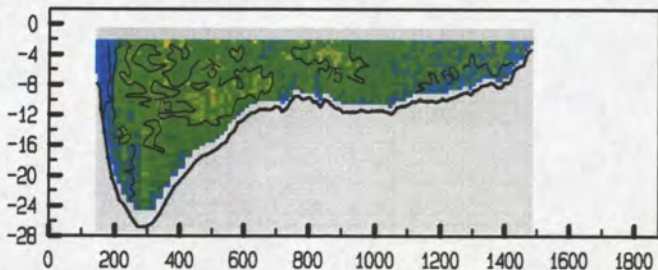
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tijd : 1306 - 1314



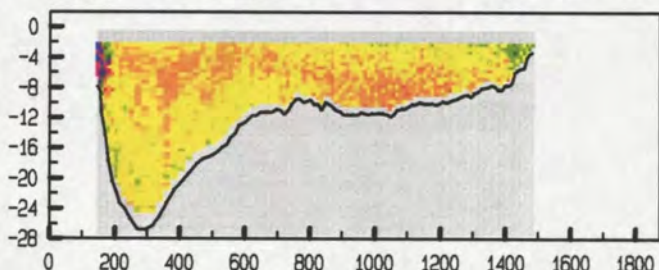
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tijd : 1316 - 1325



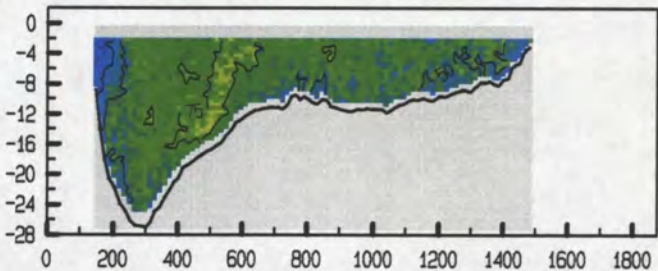
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tijd : 1316 - 1325



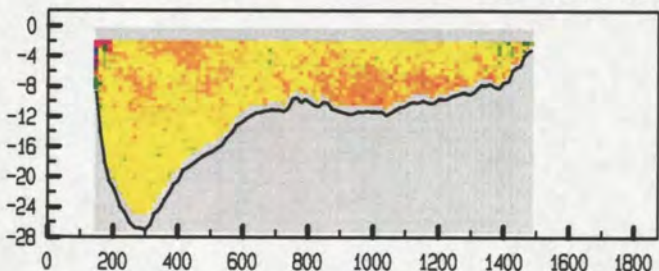
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tijd : 1326 - 1334



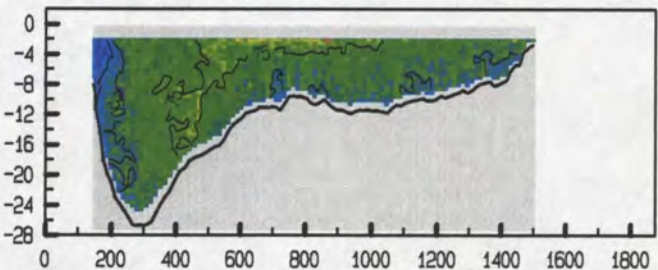
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tijd : 1326 - 1334



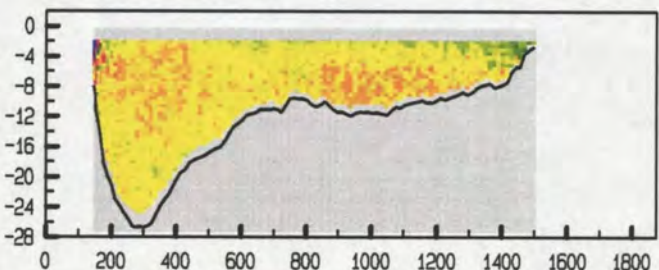
adcfile : 5azu049a.val

tijd : 1335 - 1343



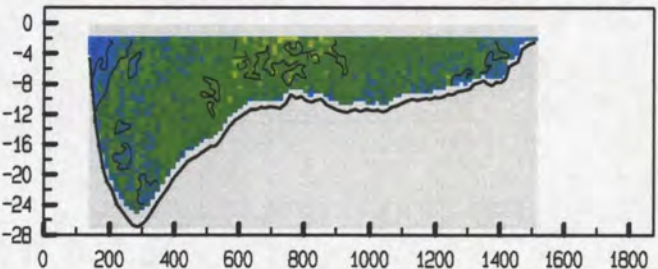
adcfile : 5azu049a.val

tijd : 1335 - 1343



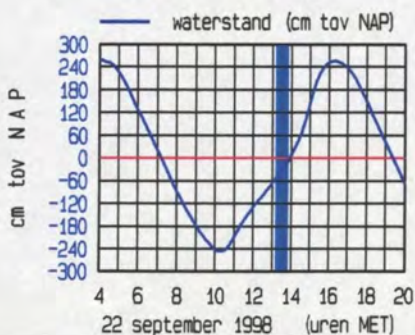
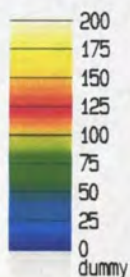
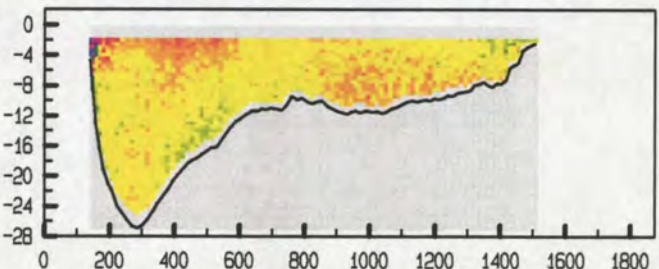
adcfile : 5azu050a.val

tijd : 1345 - 1353

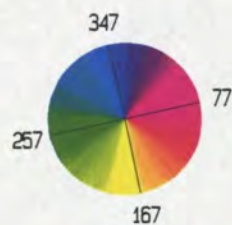


adcfile : 5azu050a.val

tijd : 1345 - 1353



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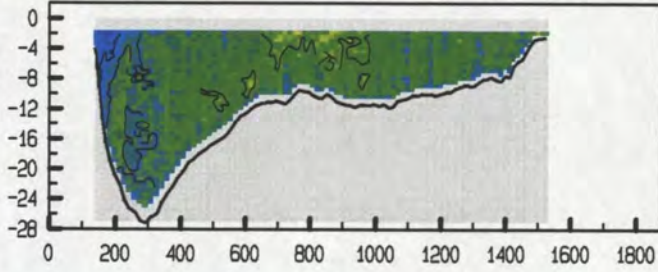




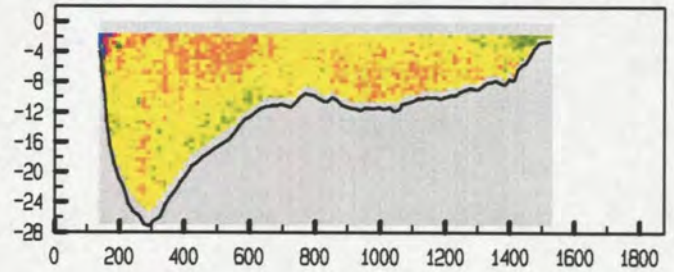
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

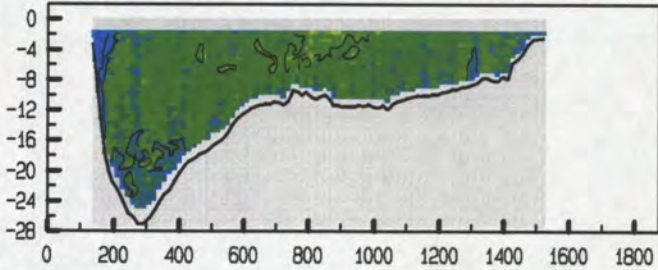
adcfile : 5azu051a.val tijd : 1354 - 1402



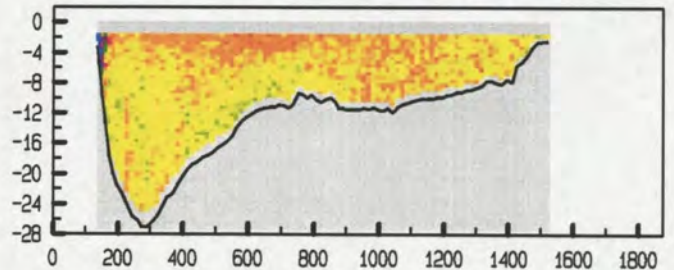
adcfile : 5azu051a.val tijd : 1354 - 1402



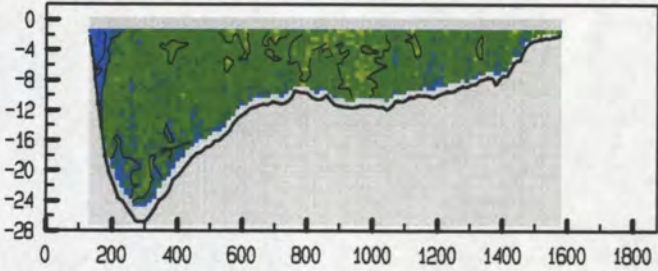
adcfile : 5azu052a.val tijd : 1403 - 1411



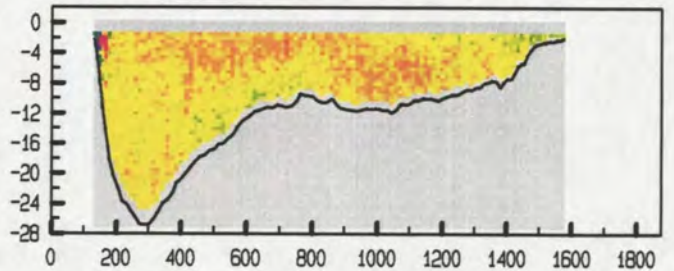
adcfile : 5azu052a.val tijd : 1403 - 1411



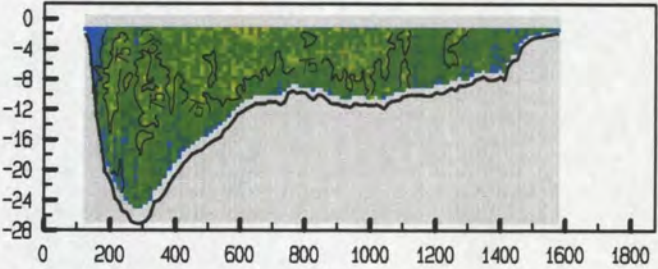
adcfile : 5azu053a.val tijd : 1412 - 1422



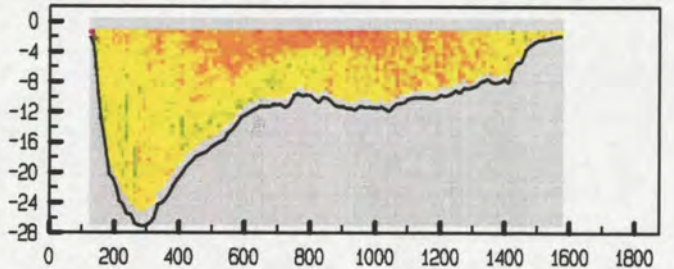
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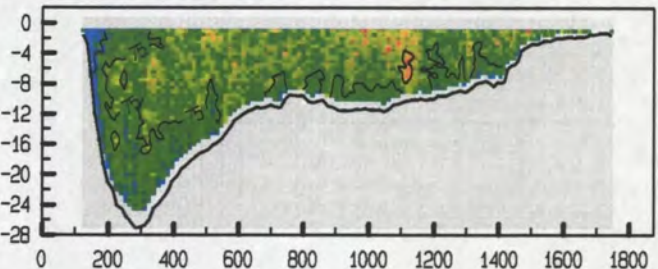
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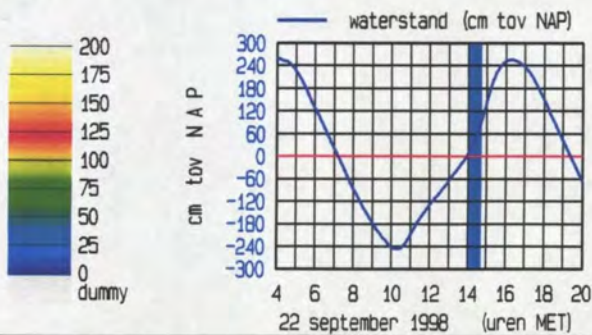
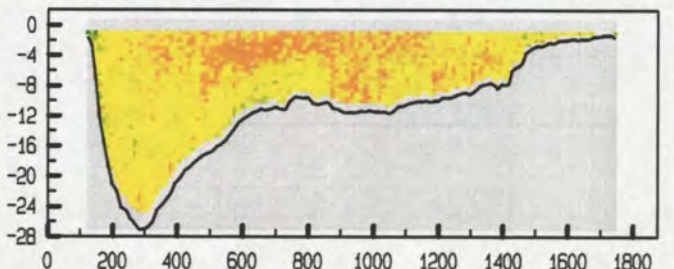
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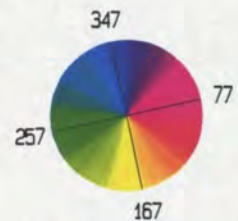
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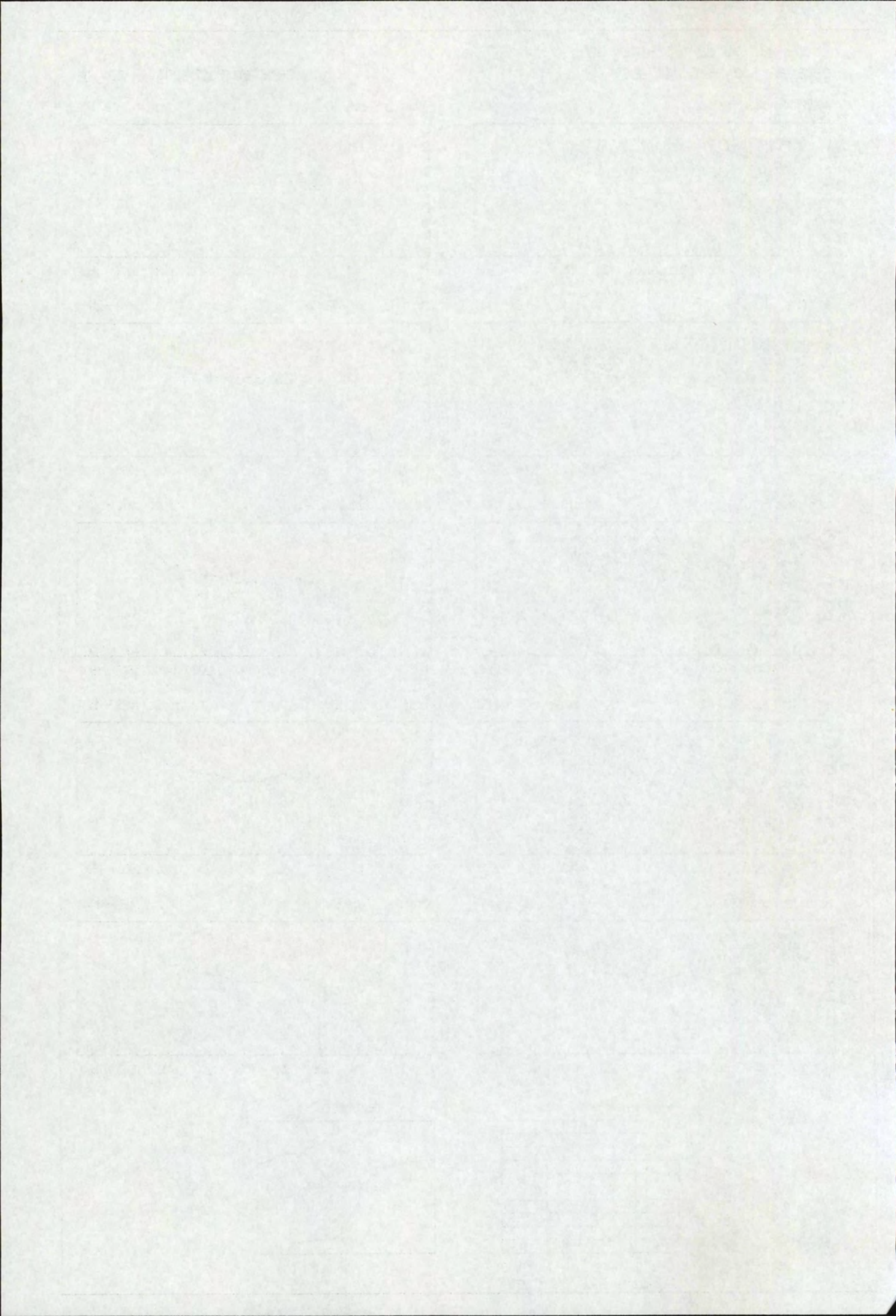
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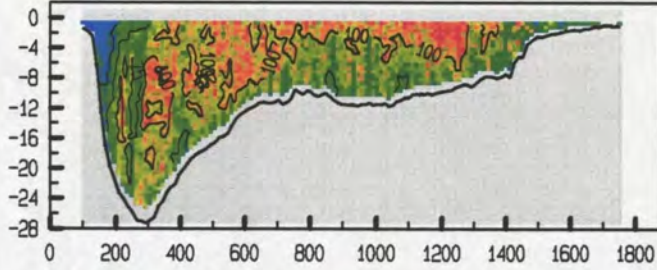


Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

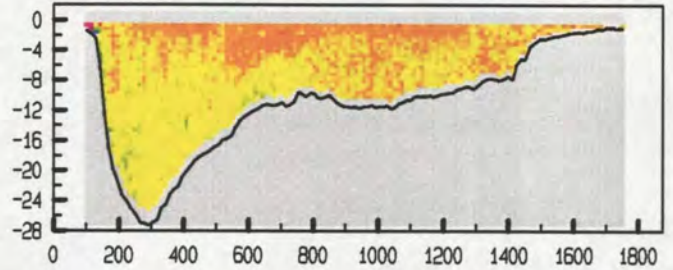
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tijd : 1448 - 1459



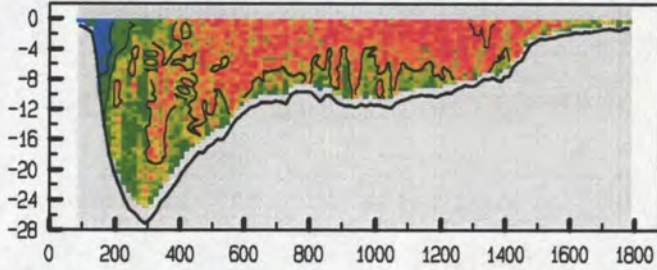
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tijd : 1448 - 1459



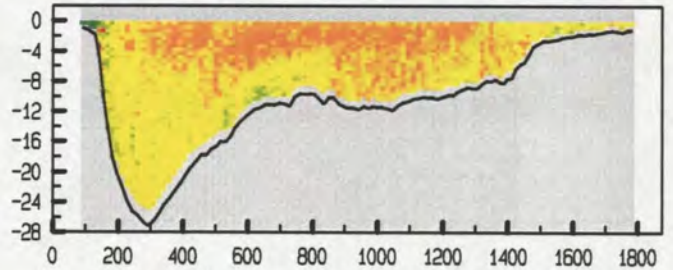
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tijd : 1501 - 1510



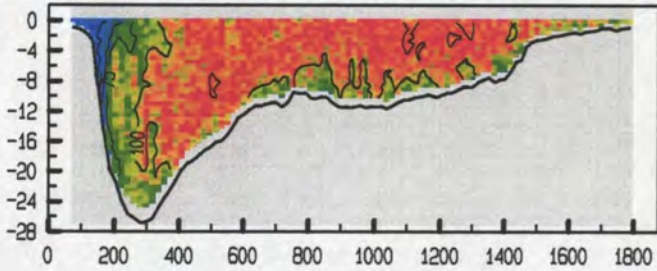
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tijd : 1501 - 1510



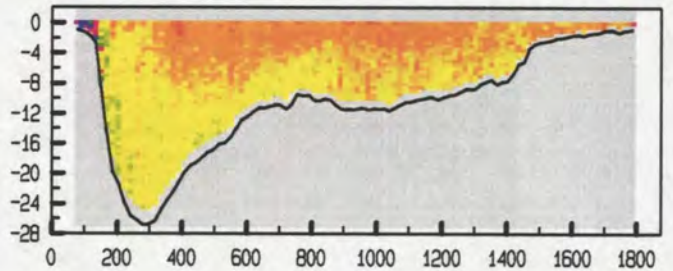
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tijd : 1511 - 1520



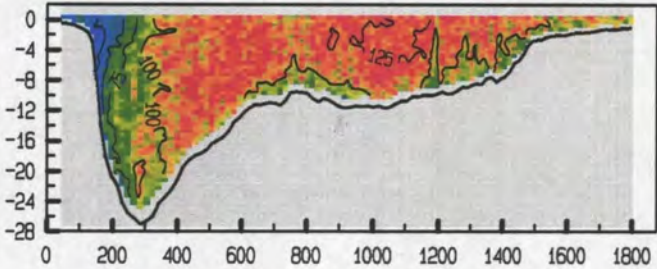
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tijd : 1511 - 1520



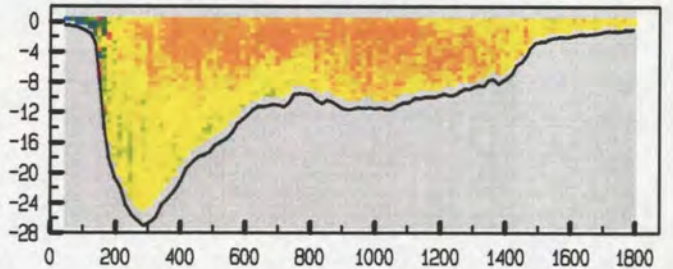
adcpfile : 5azu059a.val

tijd : 1525 - 1534



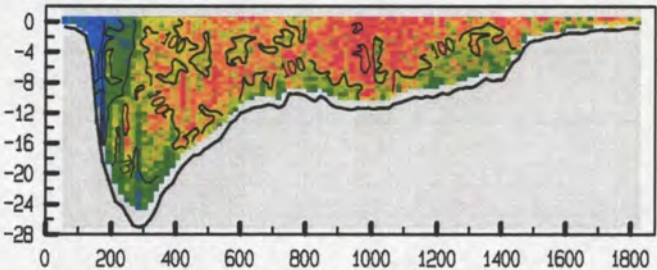
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tijd : 1525 - 1534



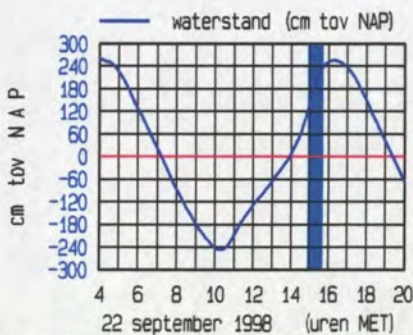
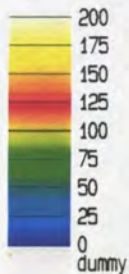
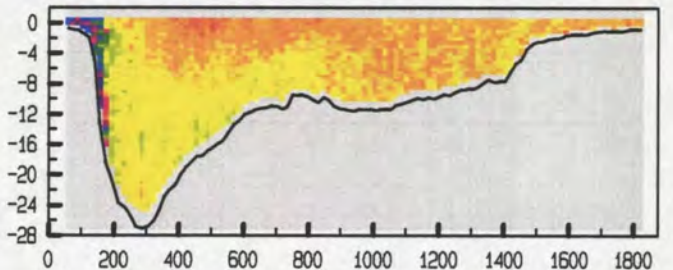
adcpfile : 5azu060a.val

tijd : 1535 - 1544

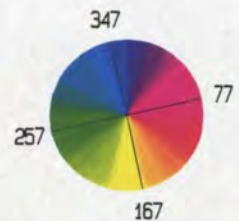


adcpfile : 5azu060a.val

tijd : 1535 - 1544



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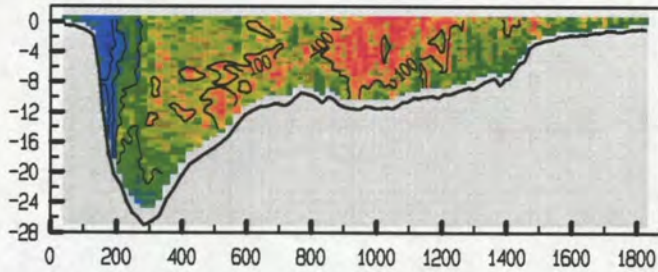




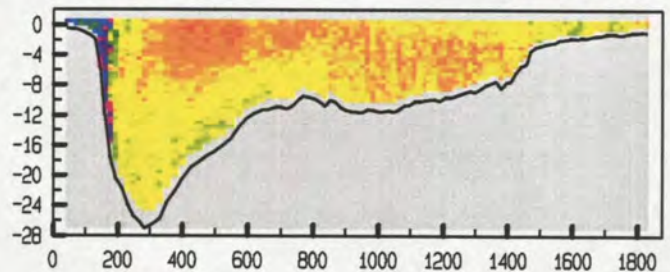
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

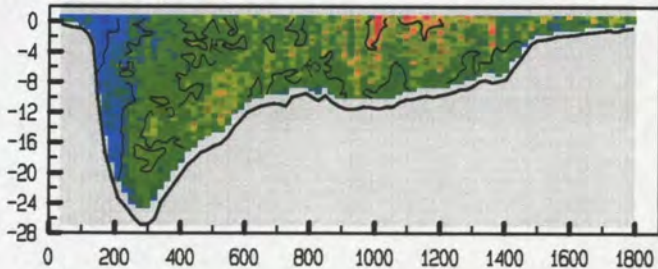
adcpfile : 5azu061a.val tijd : 1545 - 1554



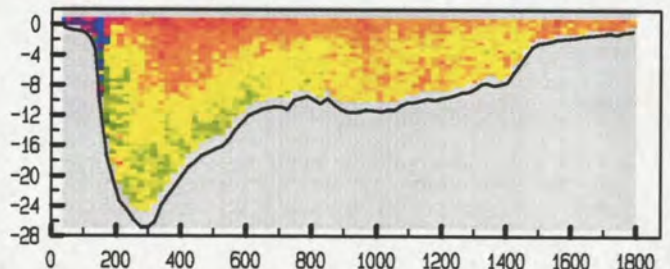
adcpfile : 5azu061a.val tijd : 1545 - 1554



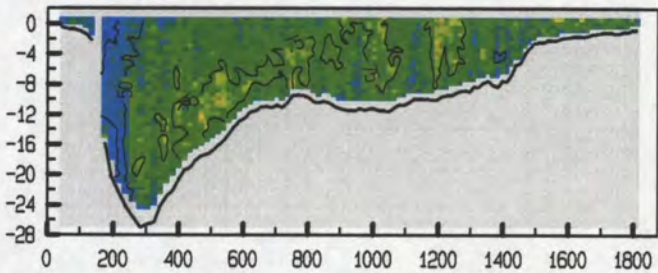
adcpfile : 5azu062a.val tijd : 1556 - 1603



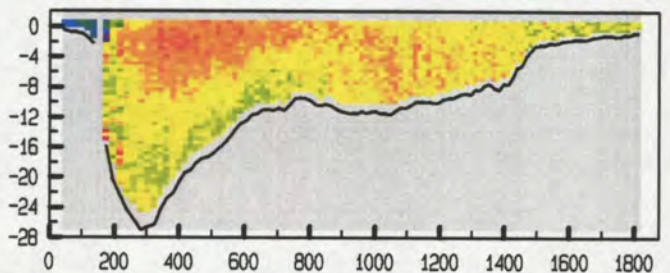
adcpfile : 5azu062a.val tijd : 1556 - 1603



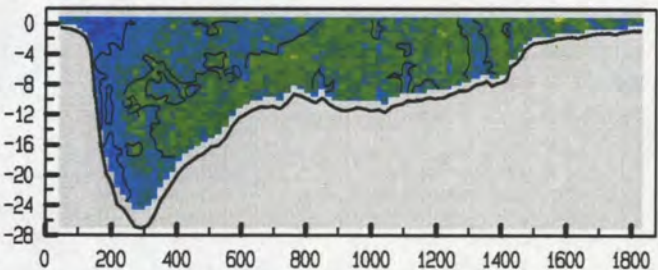
adcpfile : 5azu063a.val tijd : 1604 - 1614



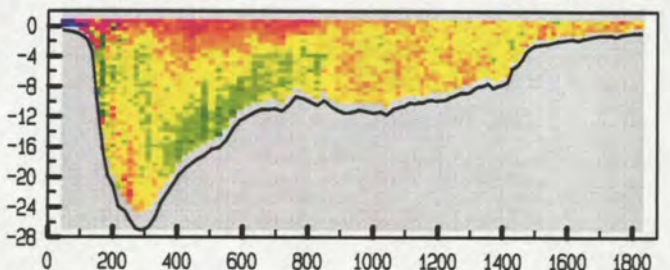
adcpfile : 5azu063a.val tijd : 1604 - 1614



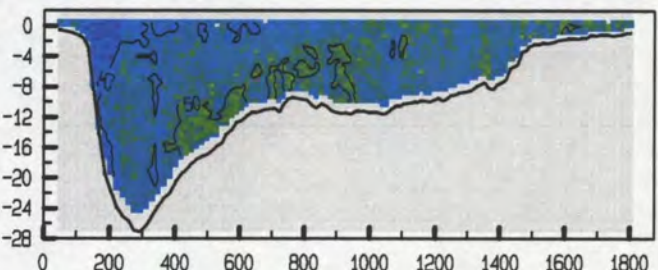
adcpfile : 5azu064a.val tijd : 1614 - 1623



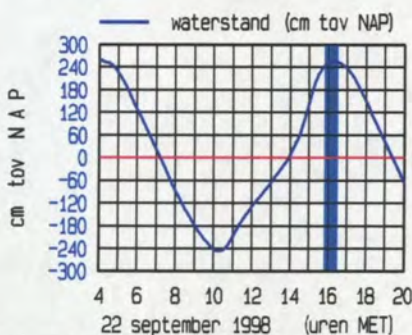
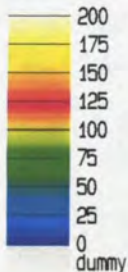
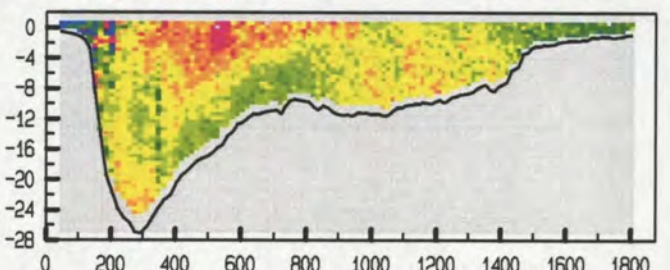
adcpfile : 5azu064a.val tijd : 1614 - 1623



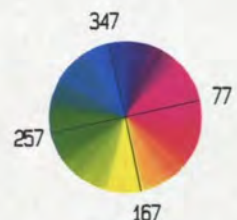
adcpfile : 5azu065a.val tijd : 1624 - 1635



adcpfile : 5azu065a.val tijd : 1624 - 1635



meetgebied

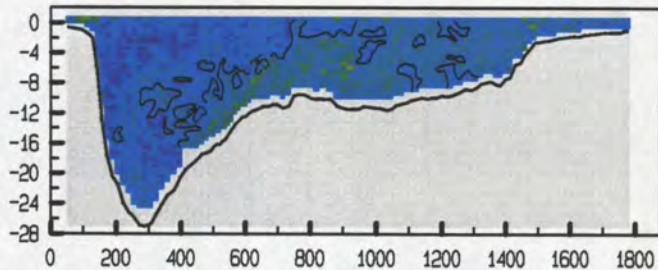




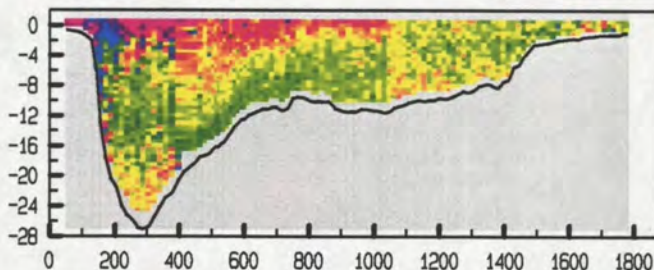
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

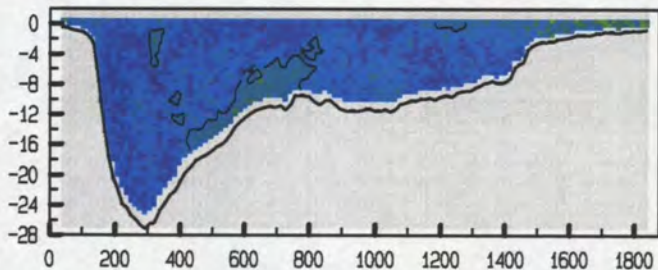
adcpfile : 5azu066a.val tijd : 1636 - 1646



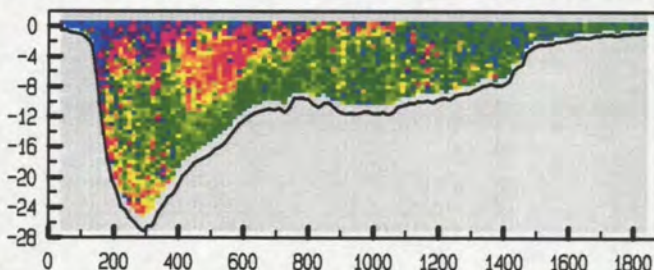
adcpfile : 5azu066a.val tijd : 1636 - 1646



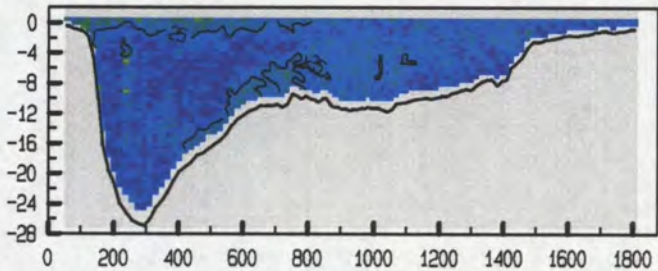
adcpfile : 5azu067a.val tijd : 1647 - 1659



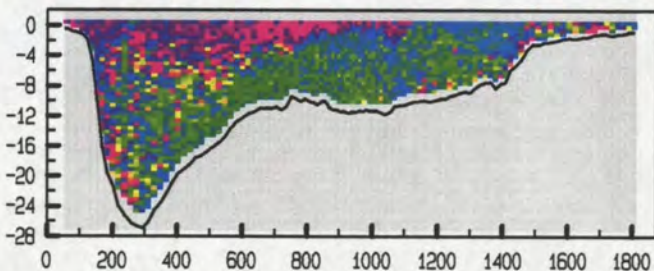
adcpfile : 5azu067a.val tijd : 1647 - 1659



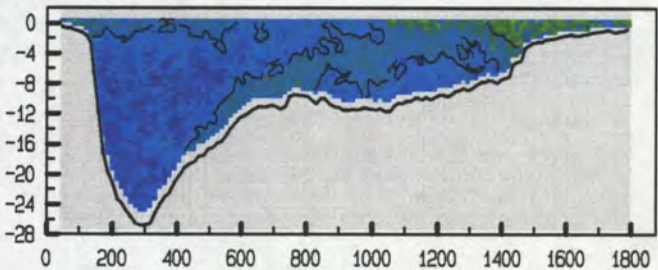
adcpfile : 5azu068a.val tijd : 1700 - 1709



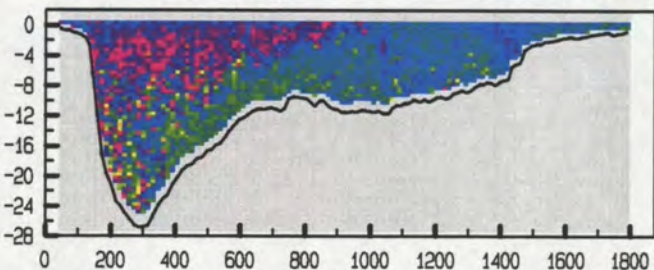
adcpfile : 5azu068a.val tijd : 1700 - 1709



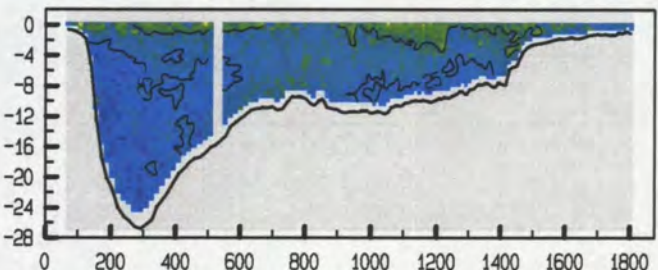
adcpfile : 5azu069a.val tijd : 1710 - 1721



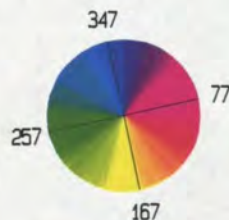
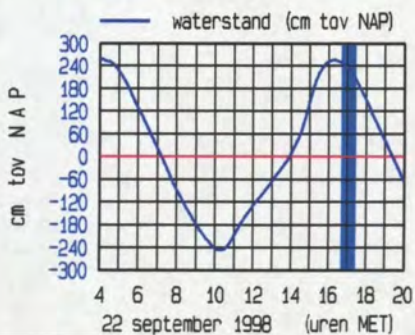
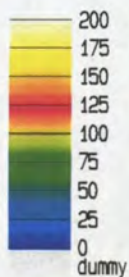
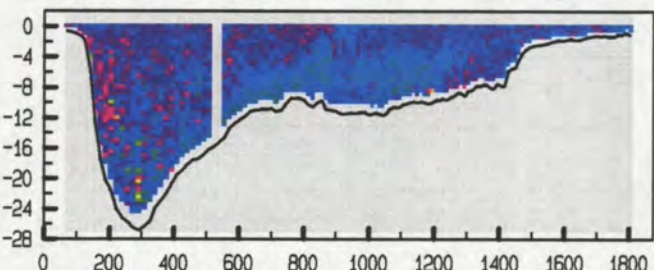
adcpfile : 5azu069a.val tijd : 1710 - 1721



adcpfile : 5azu070a.val tijd : 1722 - 1733



adcpfile : 5azu070a.val tijd : 1722 - 1733

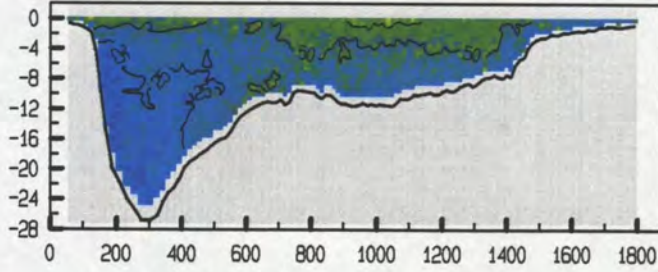




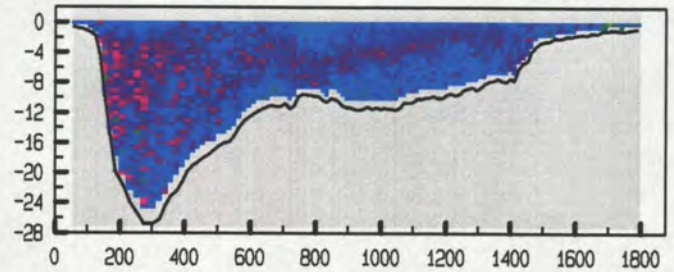
Zuidergat dd 22 september 1998  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

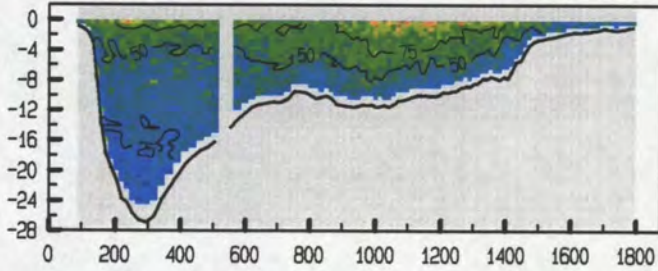
adcfile : 5azu071a.val tijd : 1734 - 1744



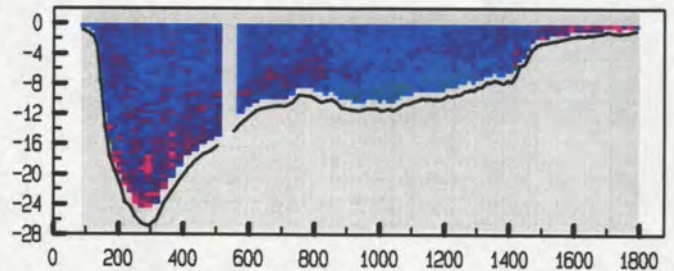
adcfile : 5azu071a.val tijd : 1734 - 1744



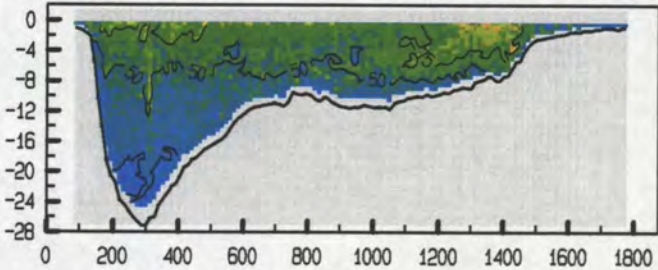
adcfile : 5azu072a.val tijd : 1745 - 1754



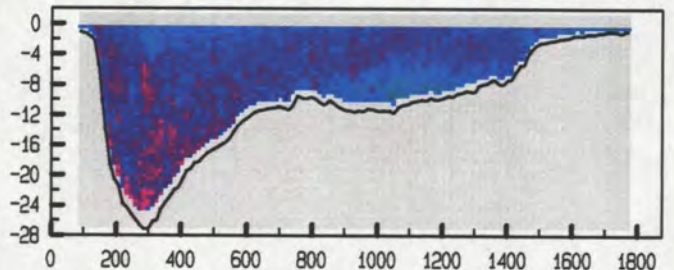
adcfile : 5azu072a.val tijd : 1745 - 1754



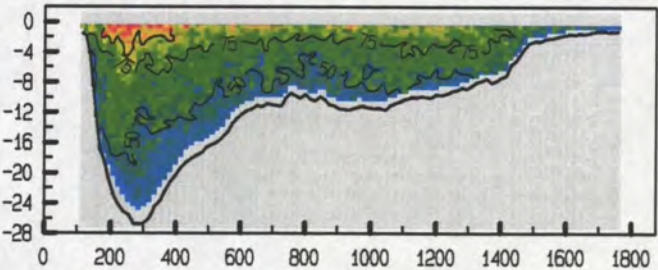
adcfile : 5azu073a.val tijd : 1755 - 1806



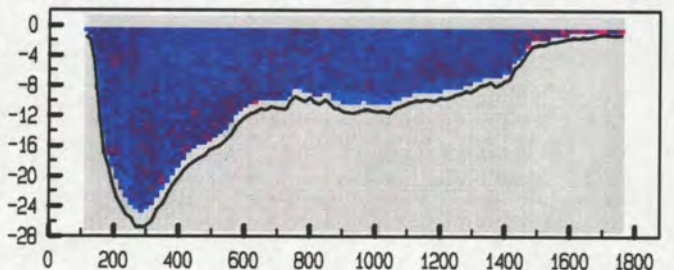
adcfile : 5azu073a.val tijd : 1755 - 1806



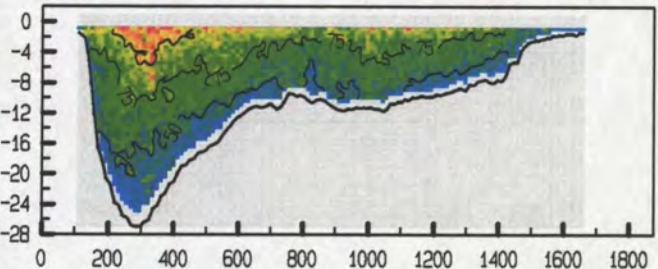
adcfile : 5azu074a.val tijd : 1808 - 1817



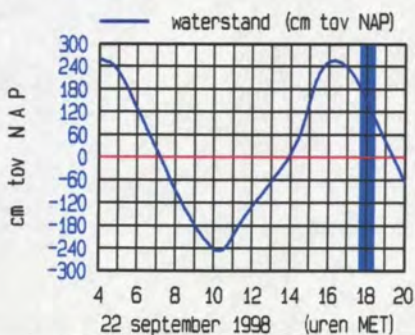
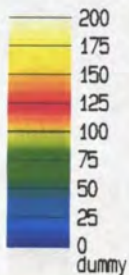
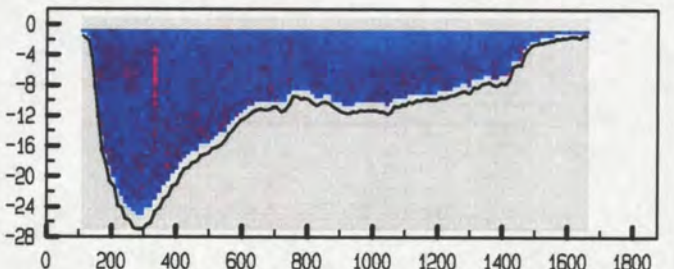
adcfile : 5azu074a.val tijd : 1808 - 1817



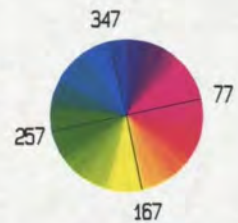
adcfile : 5azu075a.val tijd : 1819 - 1830



adcfile : 5azu075a.val tijd : 1819 - 1830



meetgebied

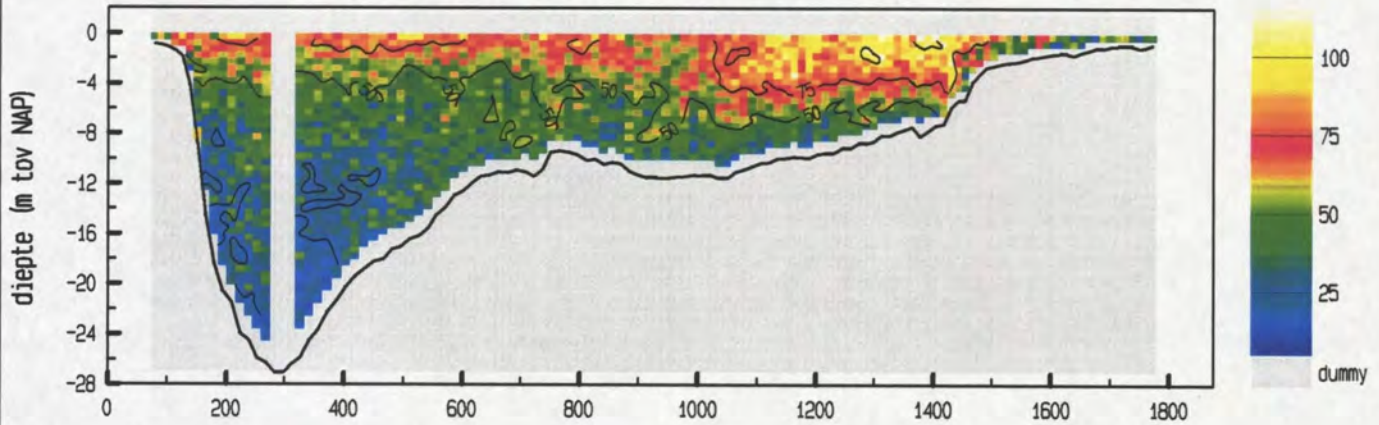




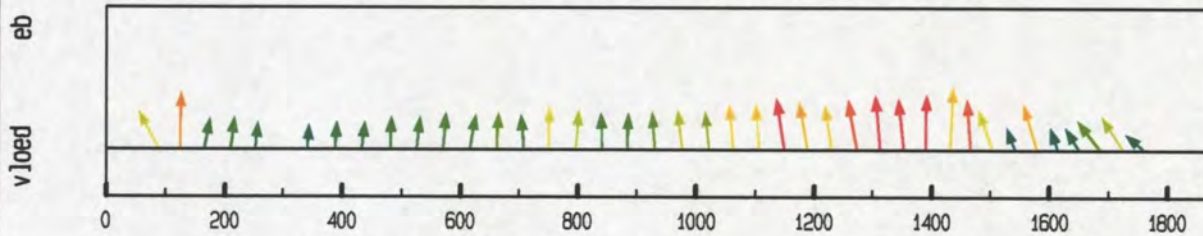
## 8a Gemeten gegevens Zuidergat



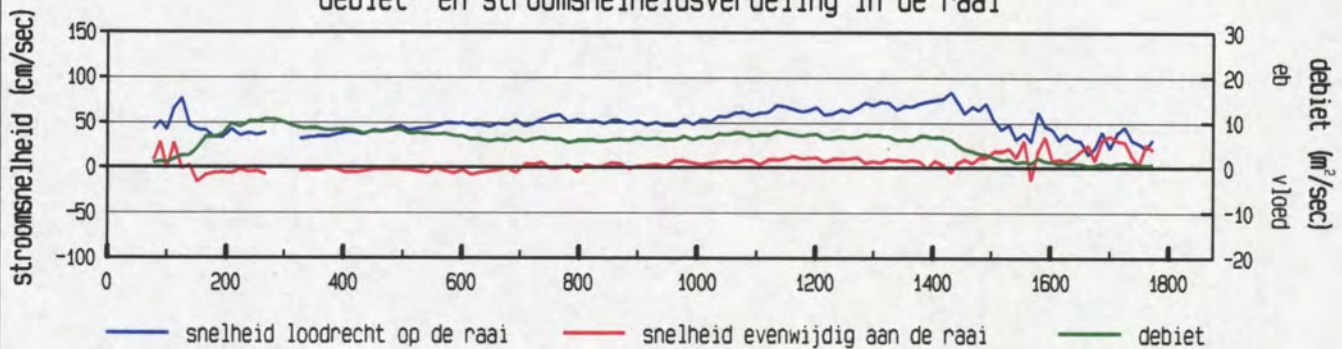
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



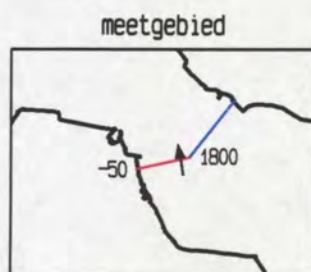
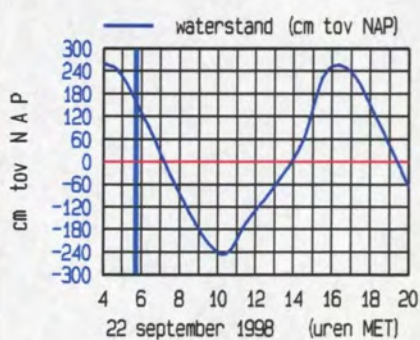
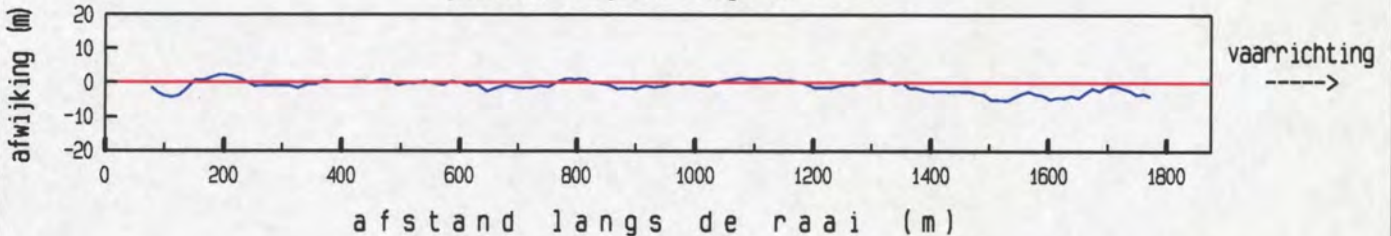
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

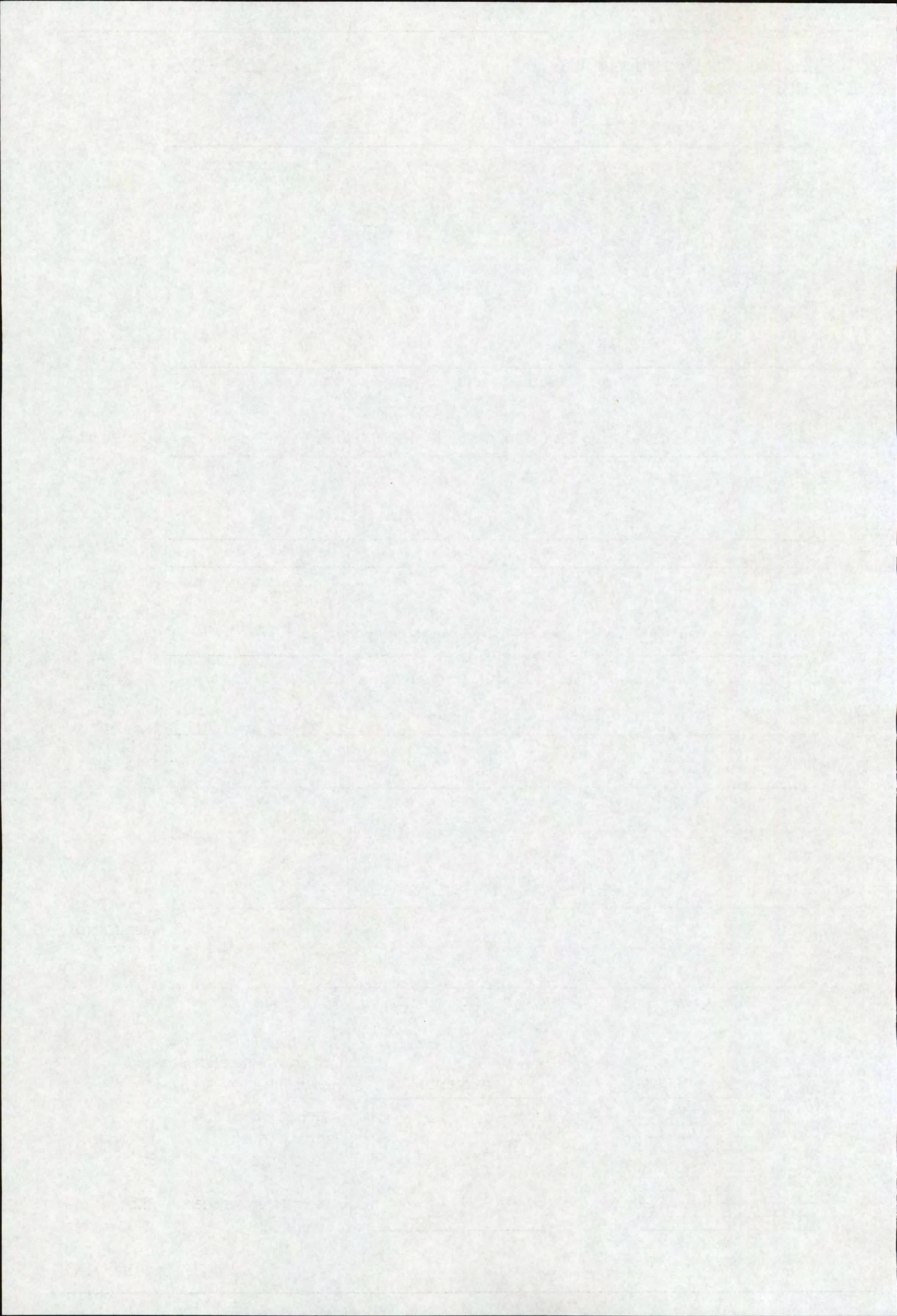


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1431 m  
 stroomsnelheid : 85 cm/sec  
 stroomrichting : 350°

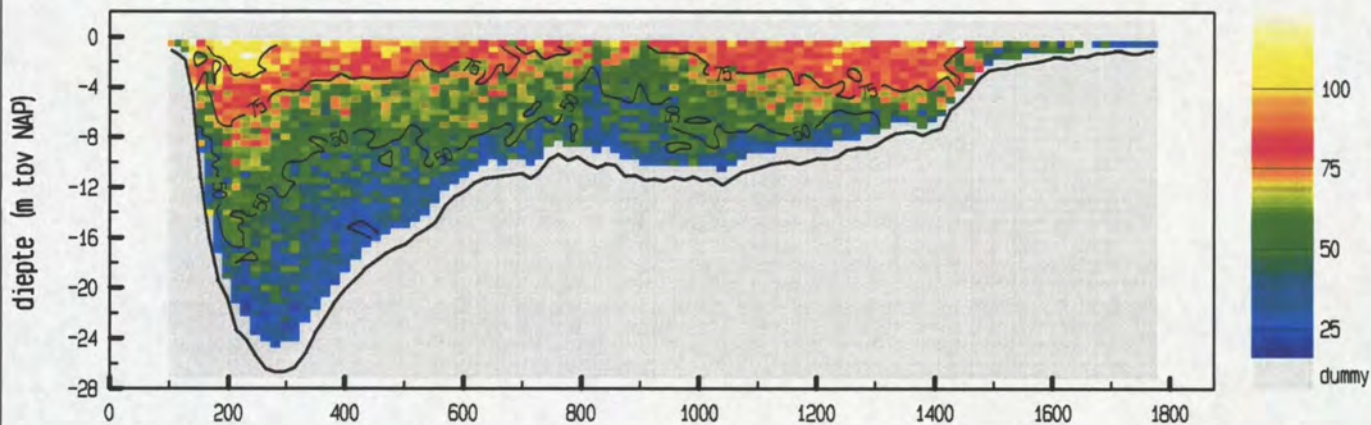
doorstroomoppervlak : 21009 m<sup>2</sup>  
 raaidebiet : 10031 m<sup>3</sup>/sec



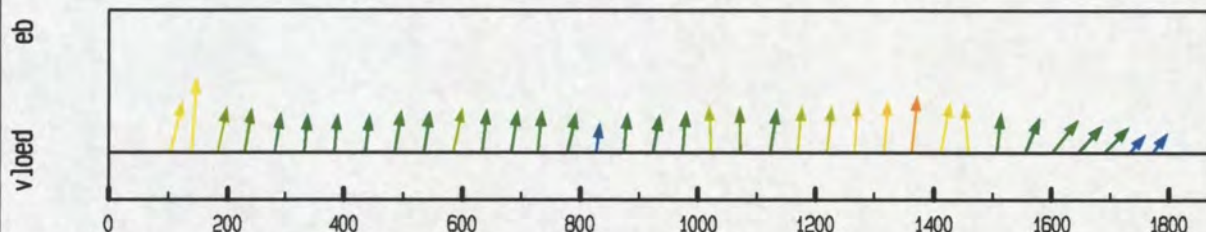




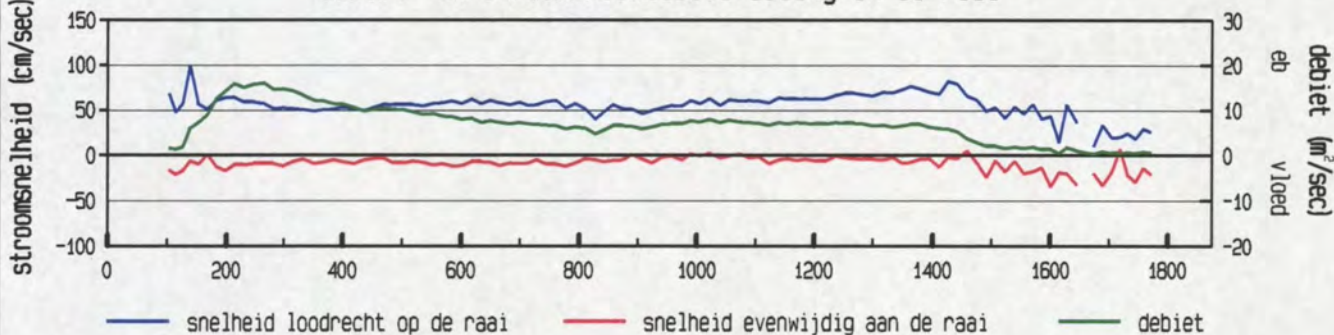
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



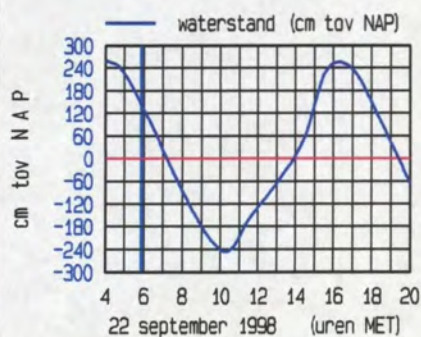
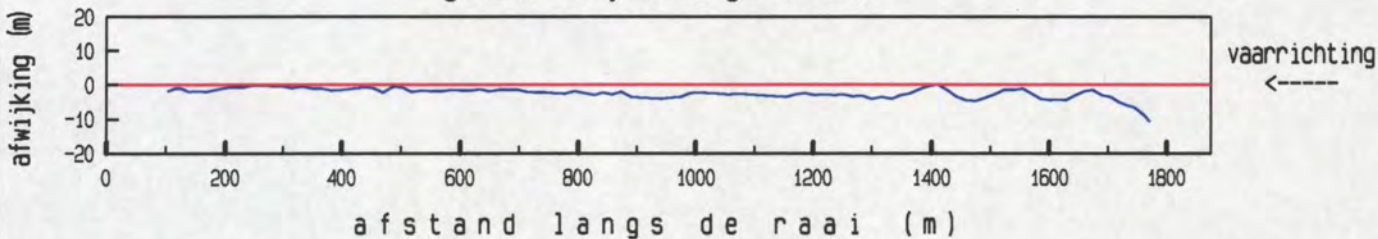
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

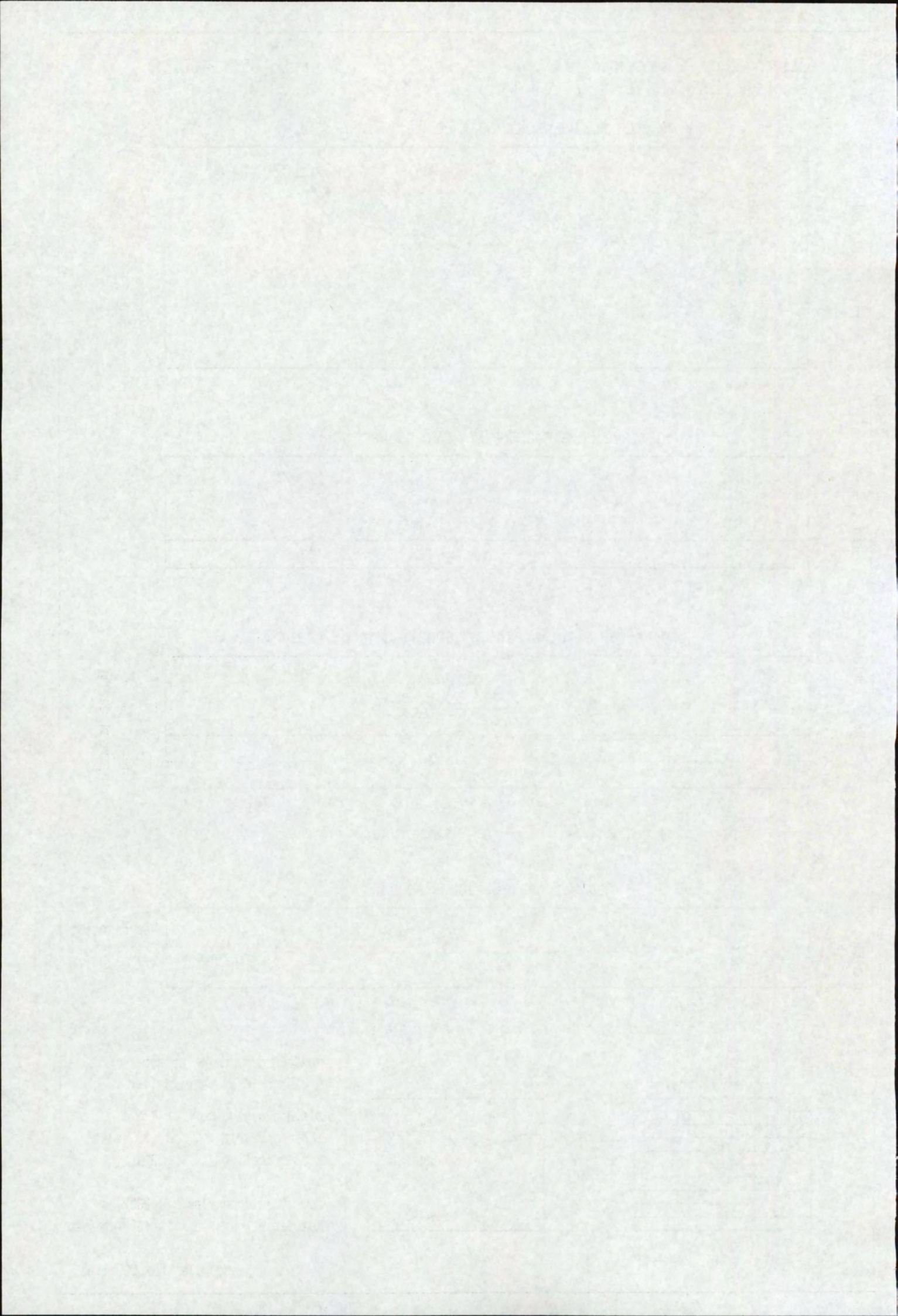


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 138 m  
 stroomsnelheid : 100 cm/sec  
 stroomrichting : 351 °

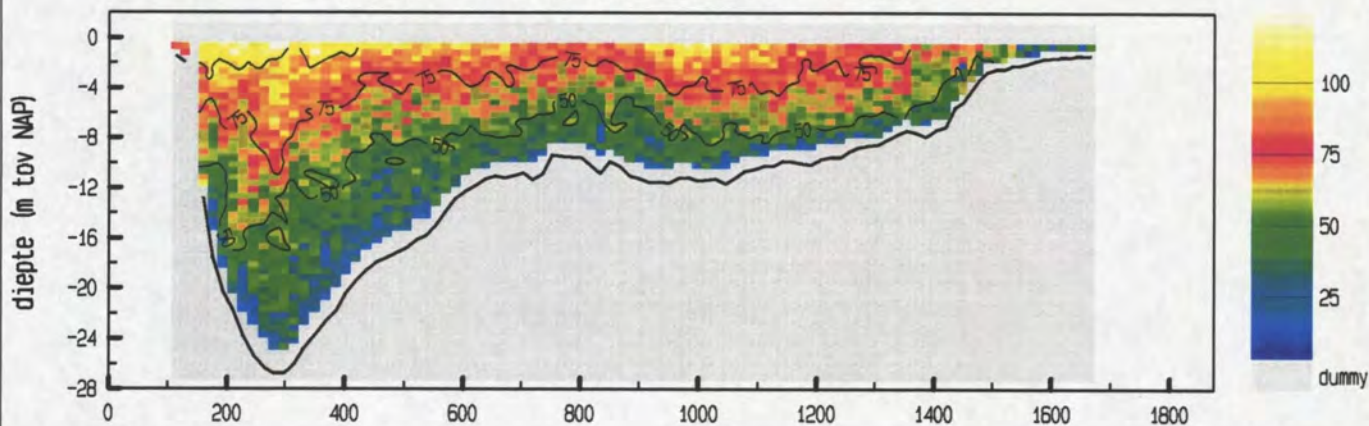
doorstroomoppervlak : 20567 m<sup>2</sup>  
 raaidebiet : 11674 m<sup>3</sup>/sec



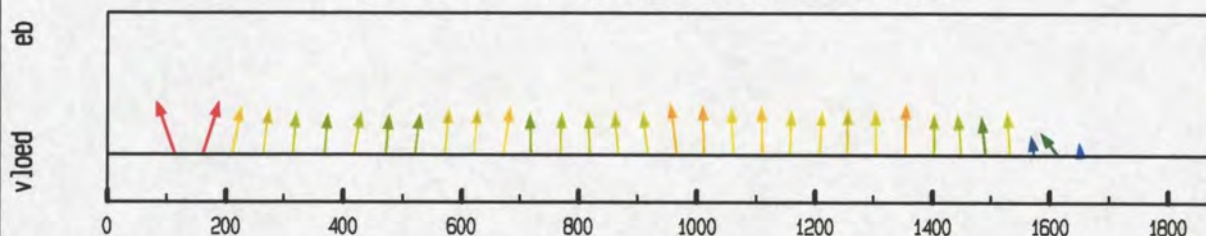




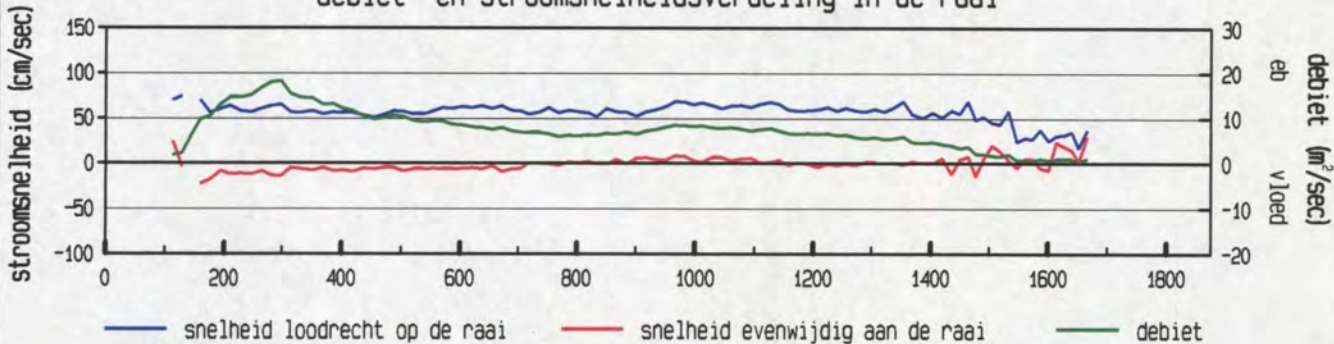
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



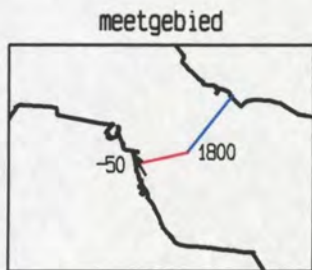
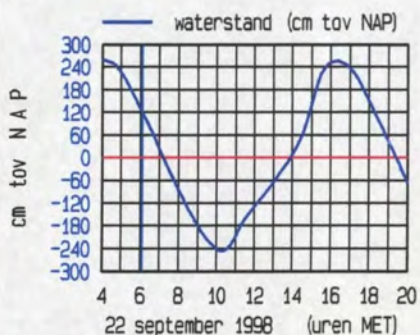
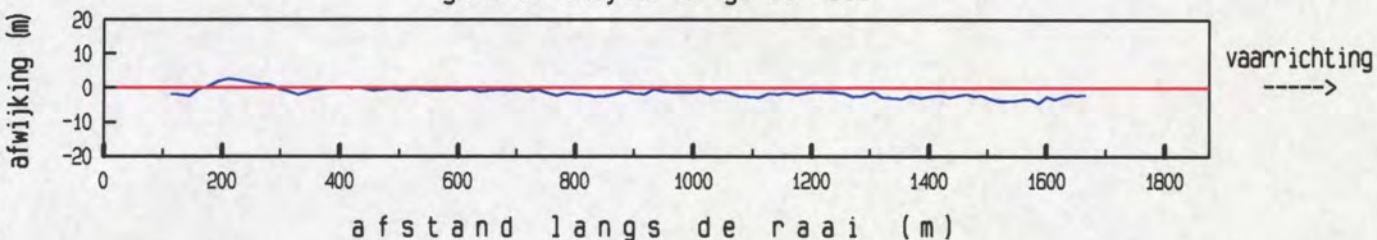
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

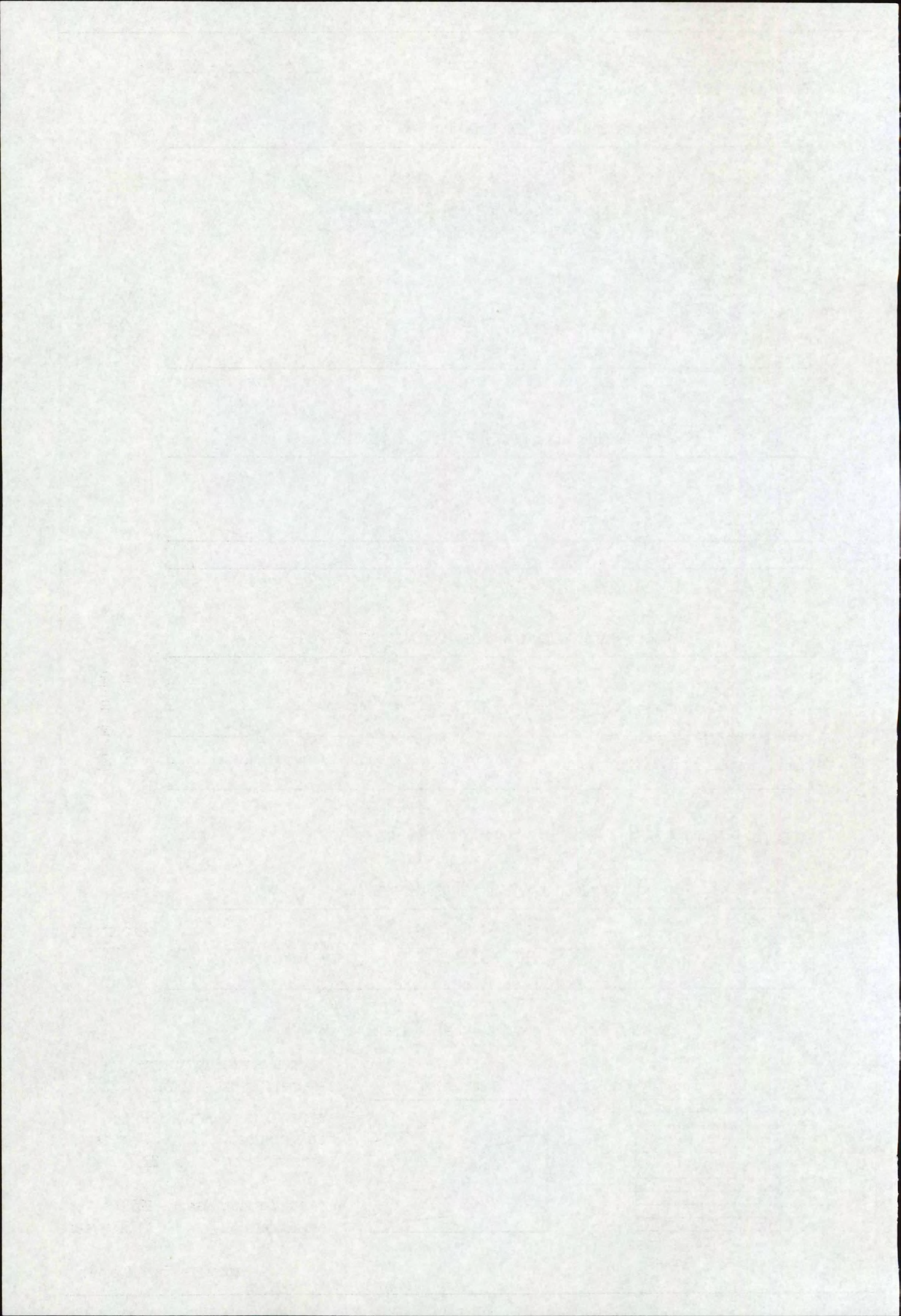


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 113 m  
 stroomsnelheid : 74 cm/sec  
 stroomrichting : 329 °

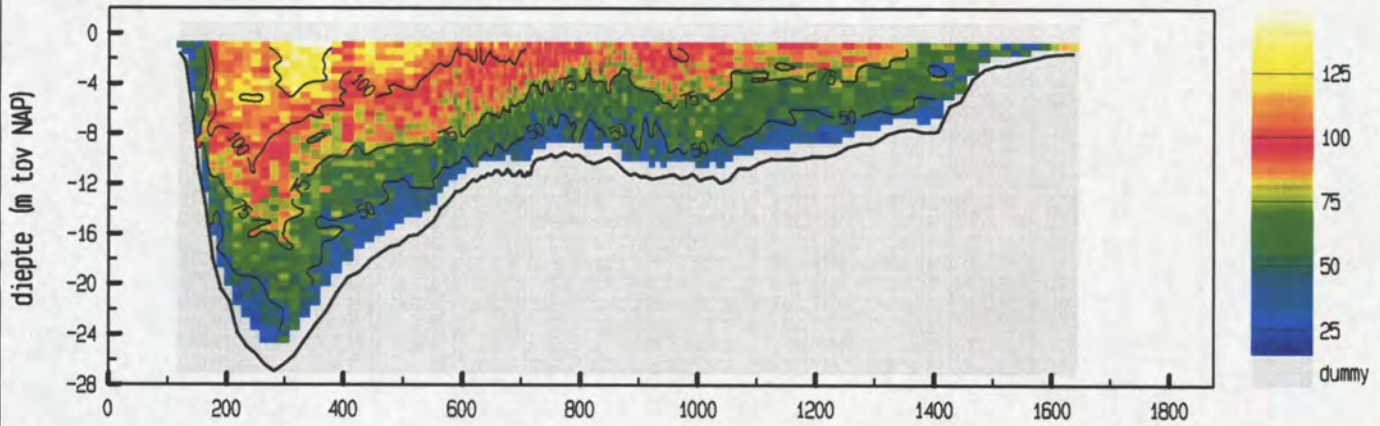
doorstroomoppervlak : 20039 m<sup>2</sup>  
 raaidebiet : 11762 m<sup>3</sup>/sec



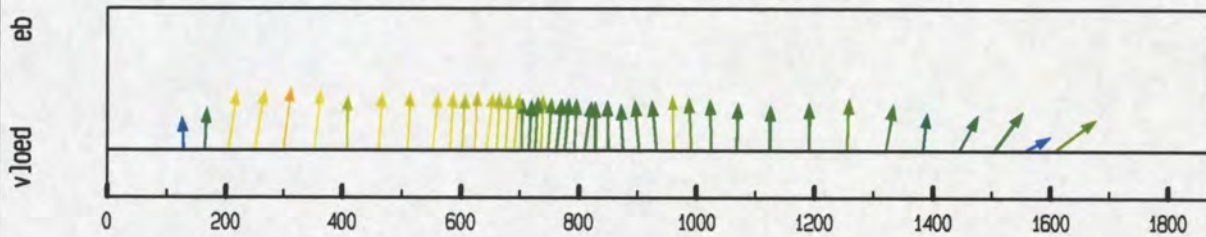




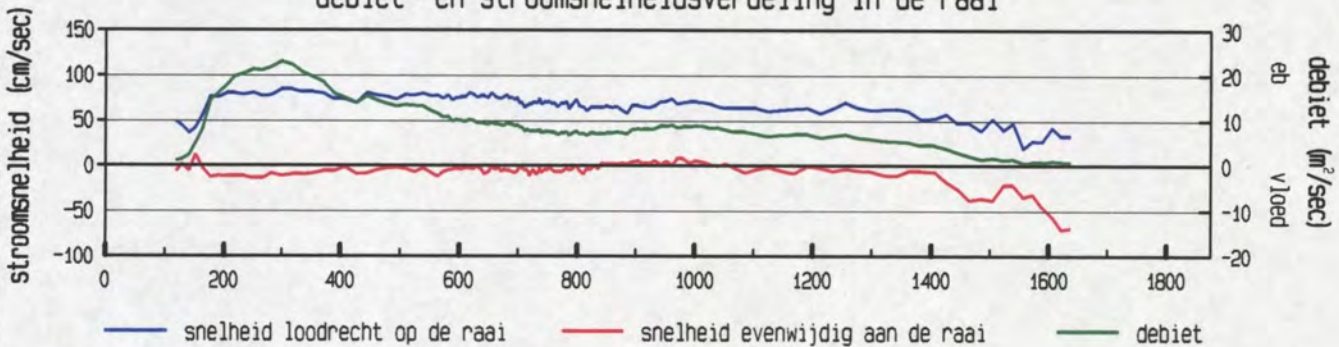
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



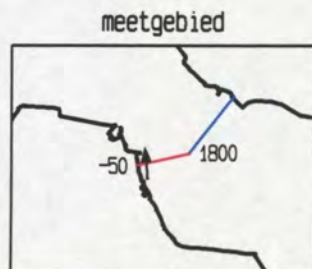
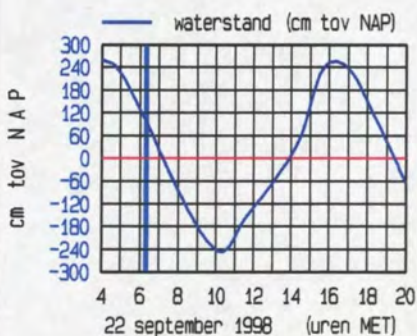
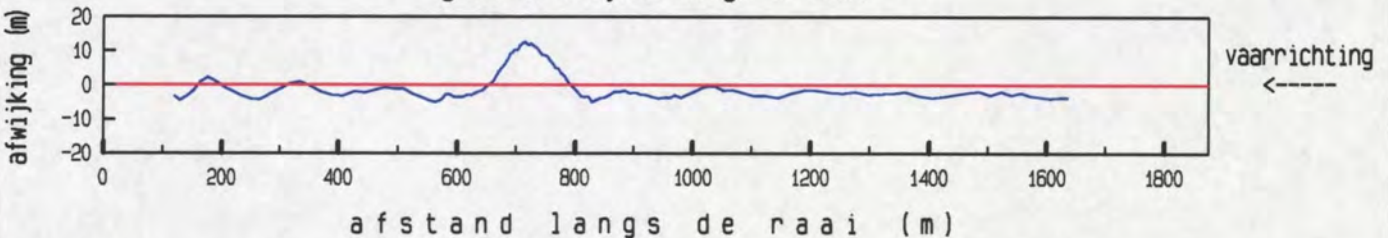
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

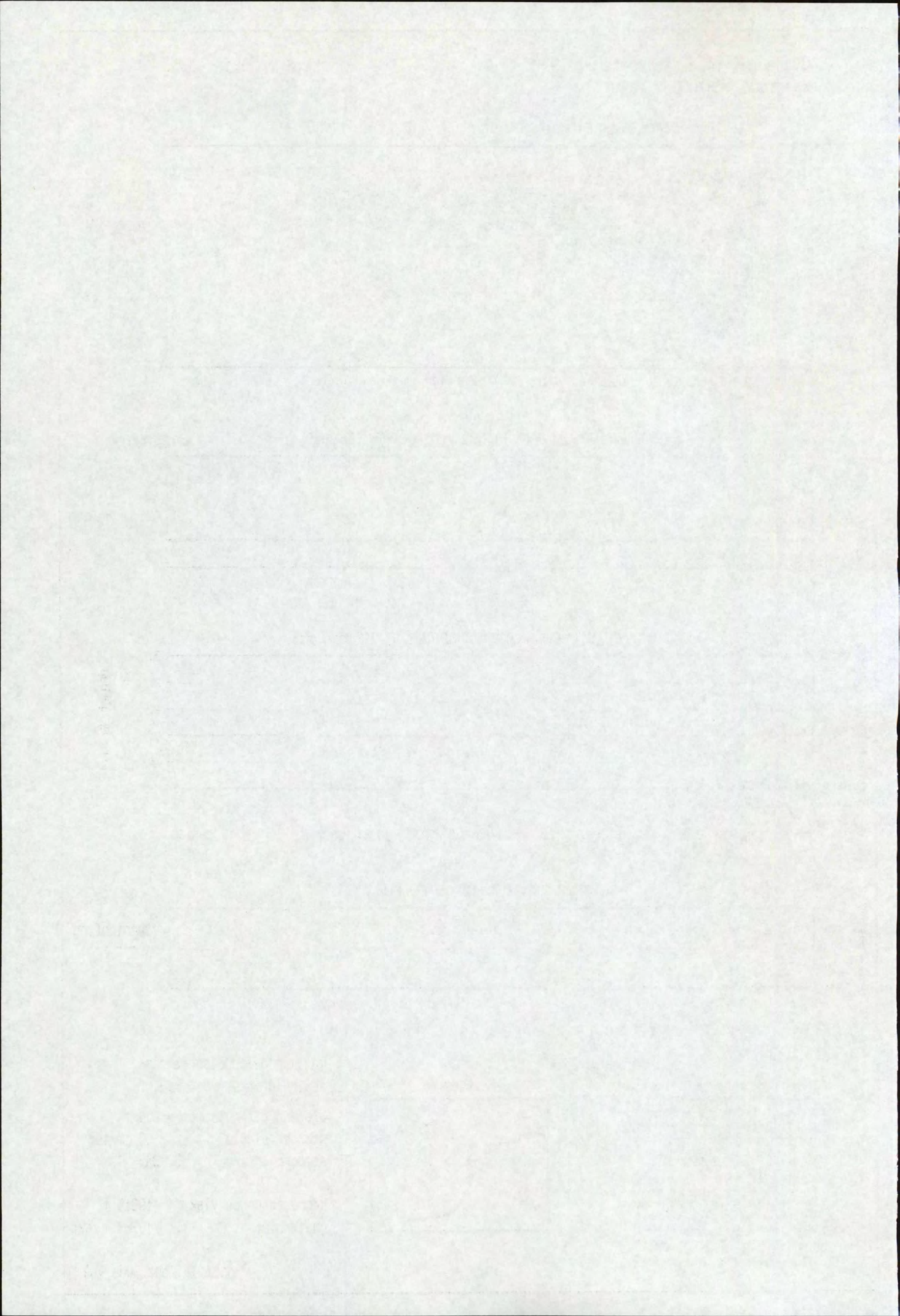


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 299 m  
 stroomsnelheid : 85 cm/sec  
 stroomrichting : 355 °

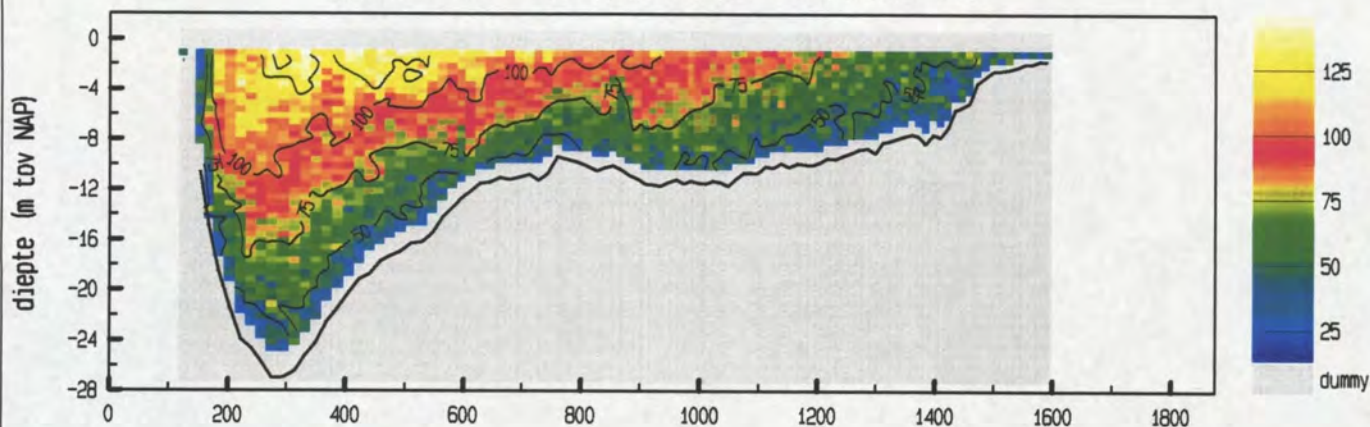
doorstroomoppervlak : 19516 m<sup>2</sup>  
 raaidebiet : 13754 m<sup>3</sup>/sec



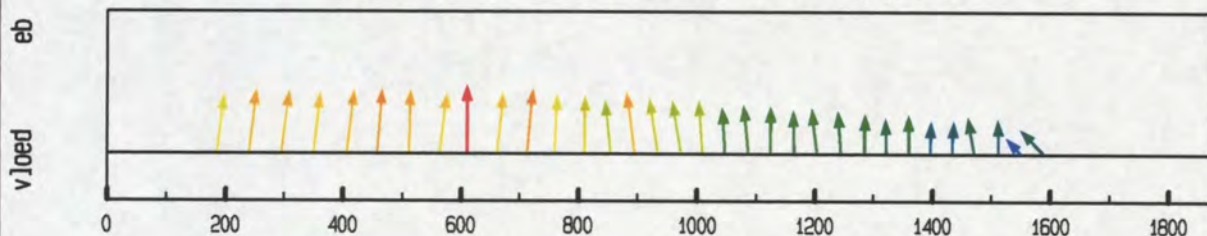




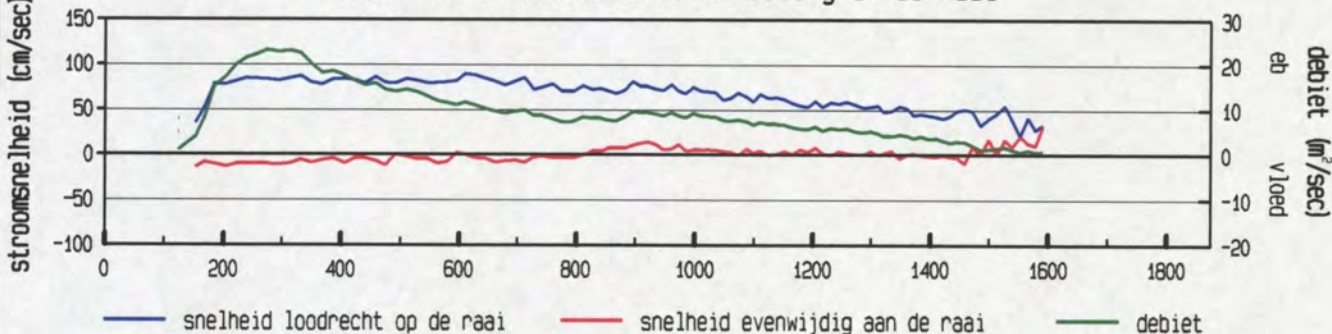
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



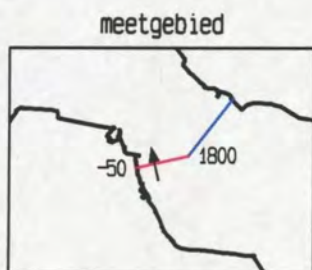
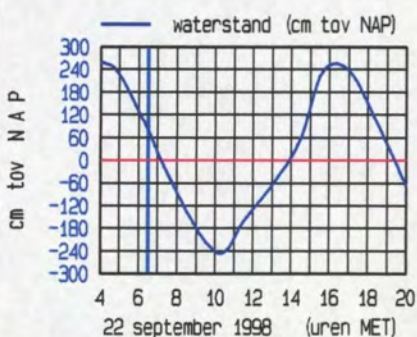
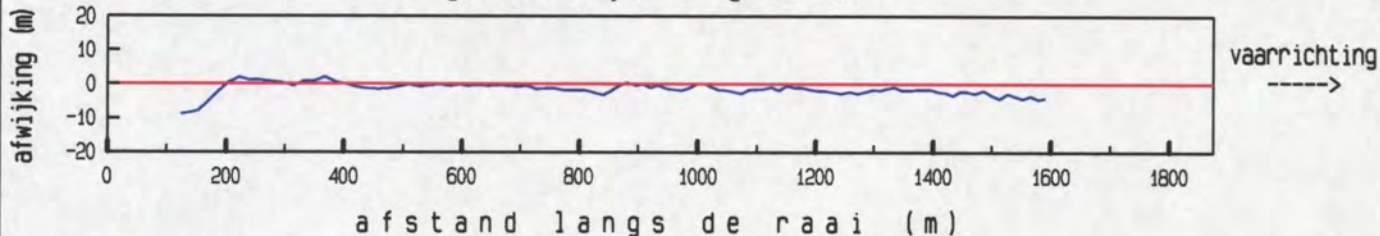
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 610 m  
 stroomsnelheid : 90 cm/sec  
 stroomrichting : 347 °

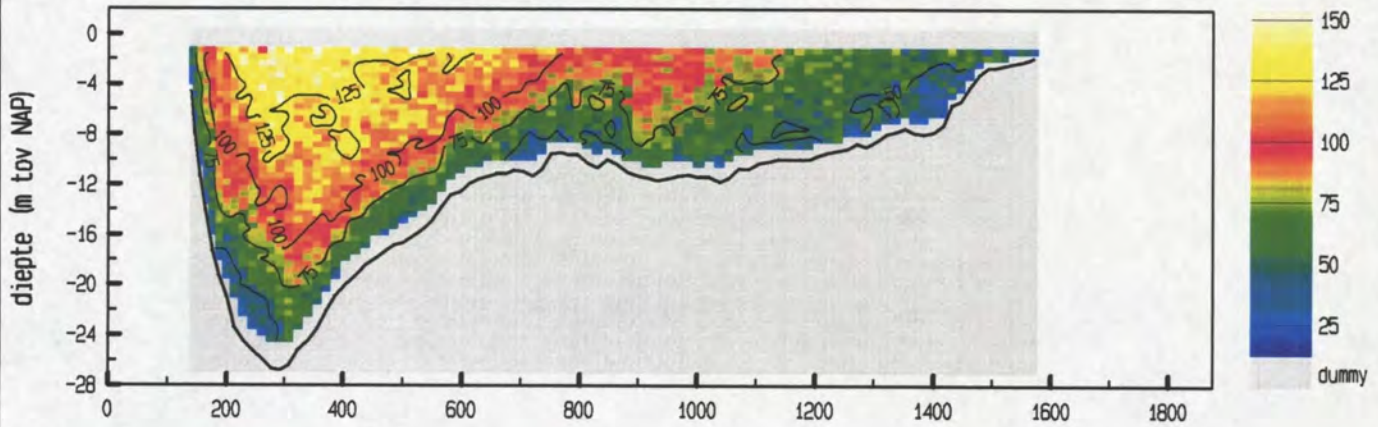
doorstroomoppervlak : 19215 m²  
 raaidebiet : 13999 m³/sec



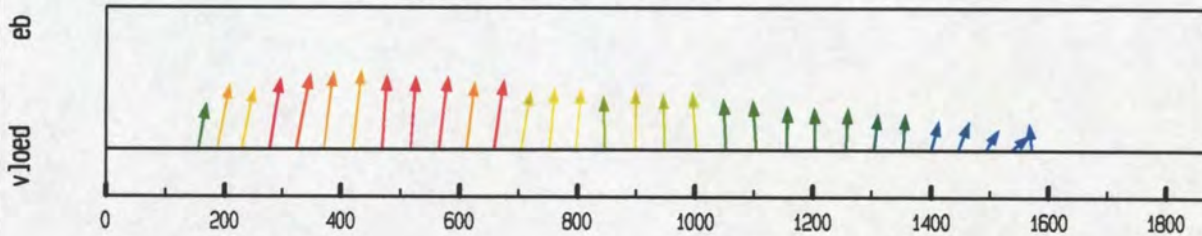
1000



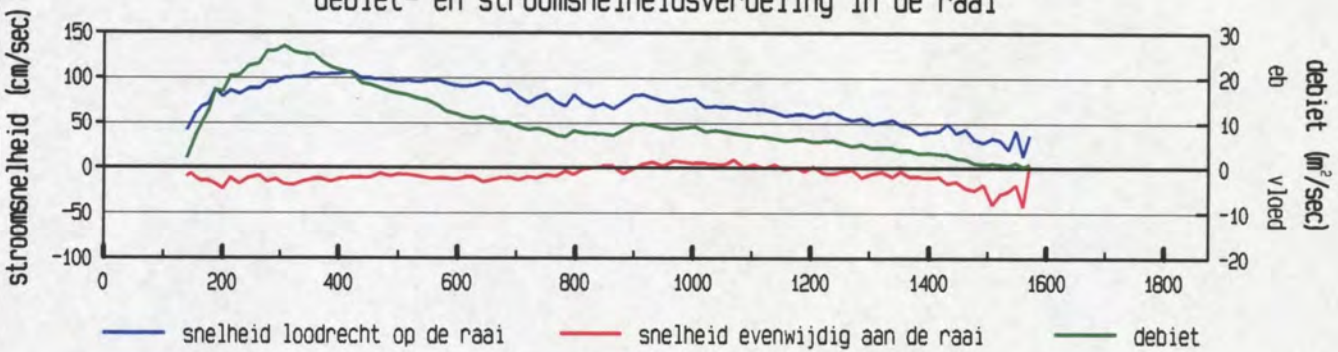
gemeten snelheid (cm/sec) (eb > 0, vloed < 0)



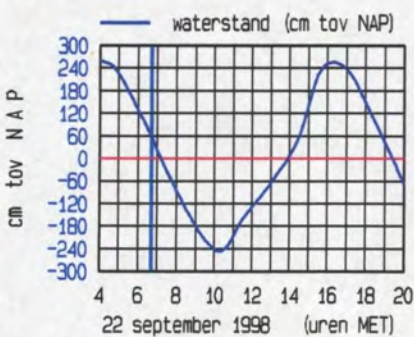
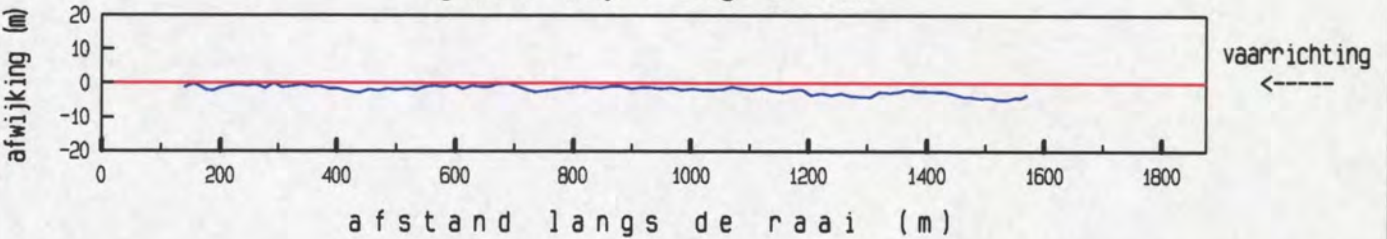
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



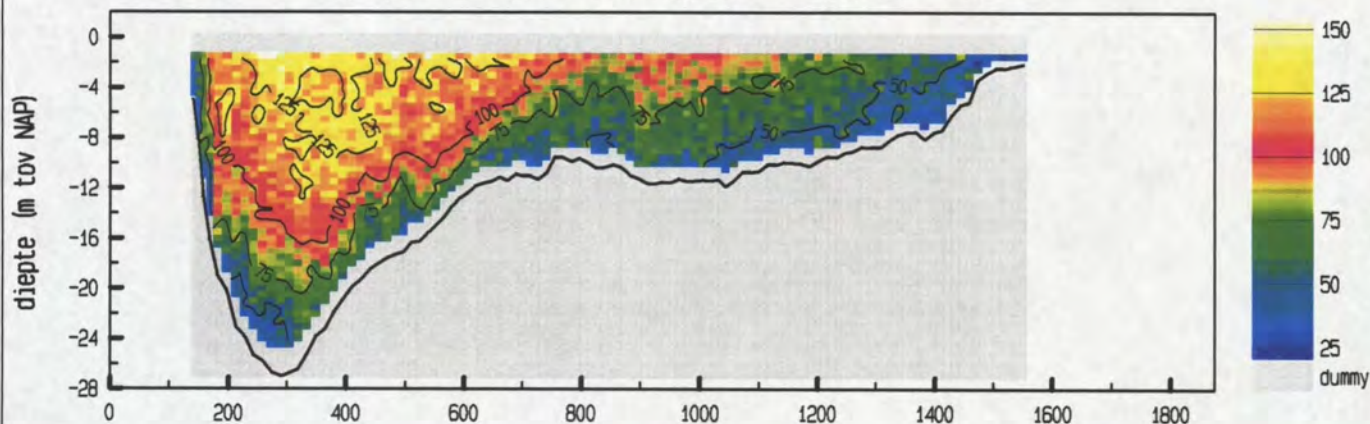
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 420 m  
 stroomsnelheid : 107 cm/sec  
 stroomrichting : 353°

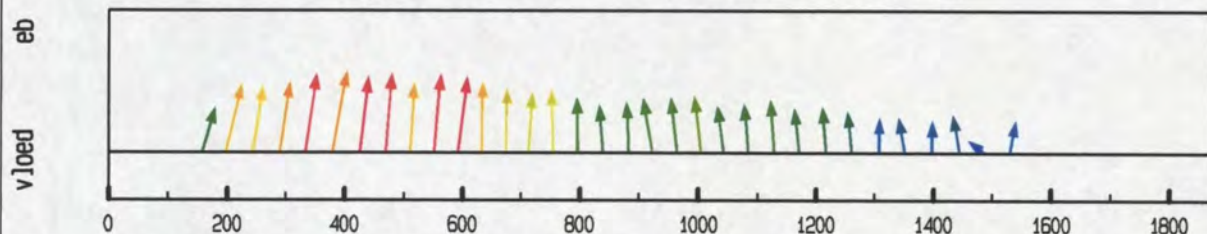
doorstroomoppervlak : 18700 m<sup>2</sup>  
 raaidebiet : 15041 m<sup>3</sup>/sec



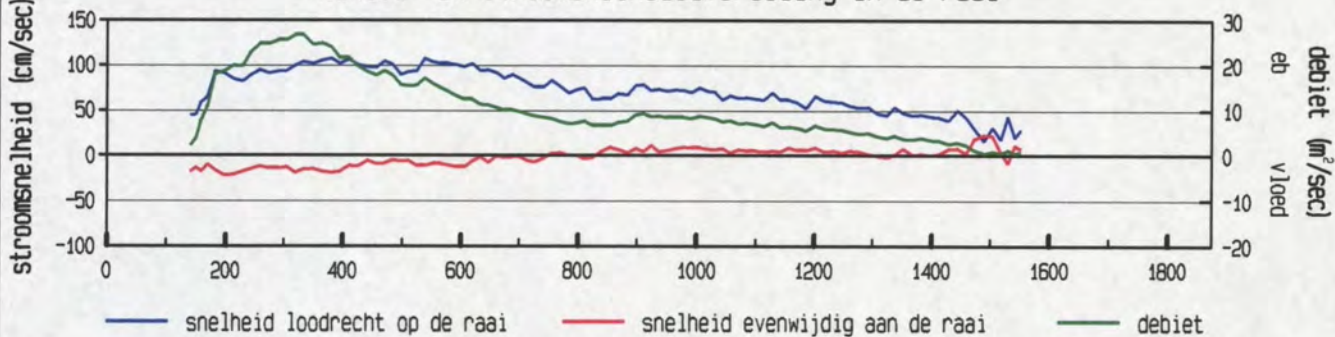
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



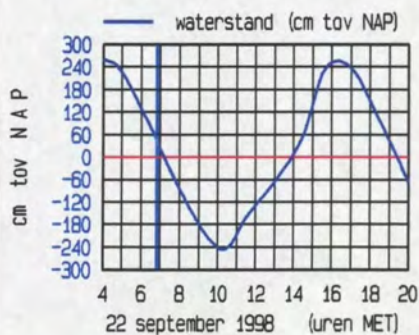
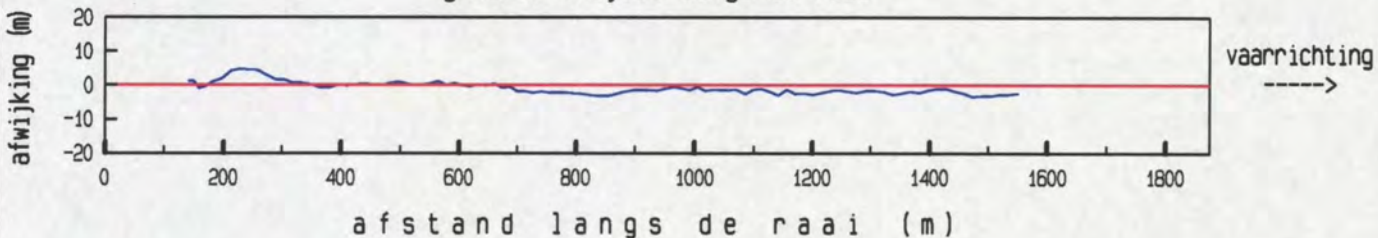
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 380 m  
 stroomsnelheid : 109 cm/sec  
 stroomrichting : 357 °

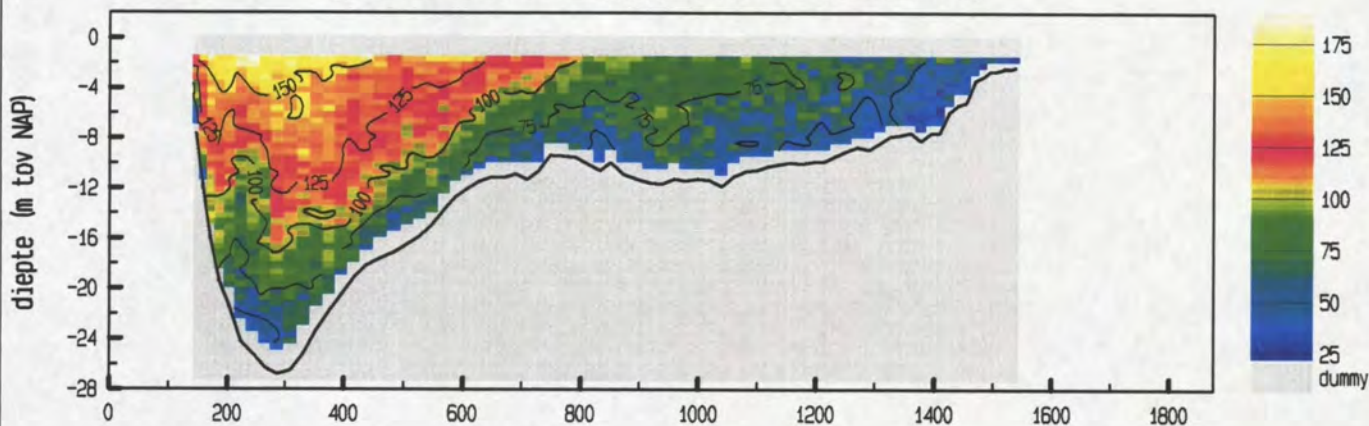
doorstroomoppervlak : 18540 m²  
 raaidebiet : 15042 m³/sec



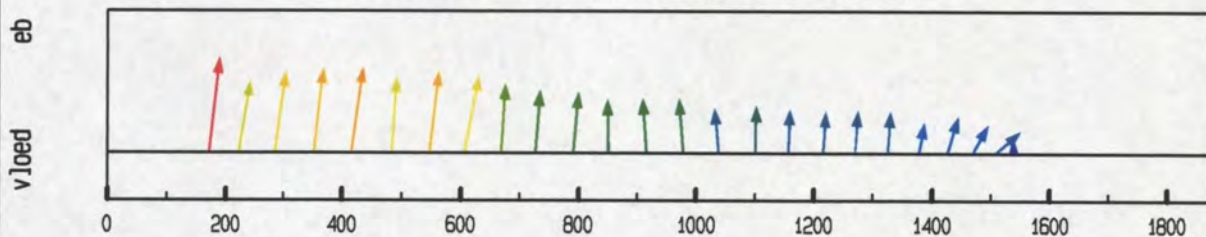




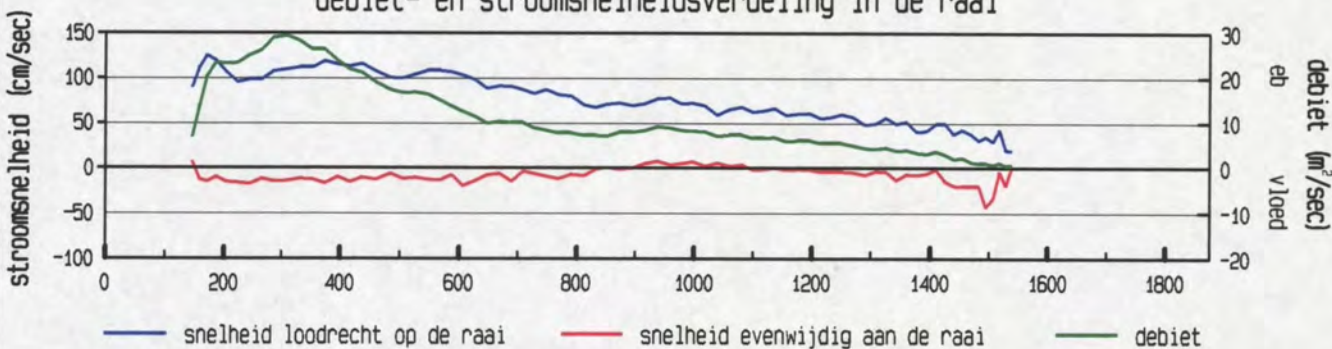
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



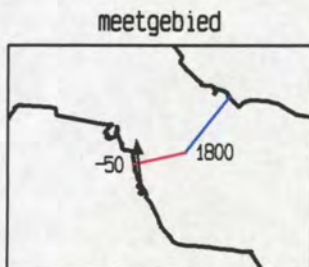
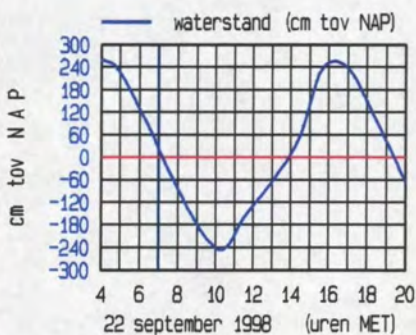
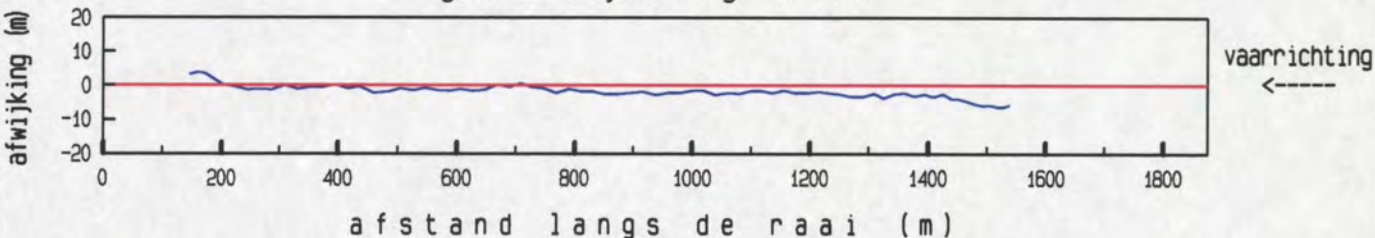
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

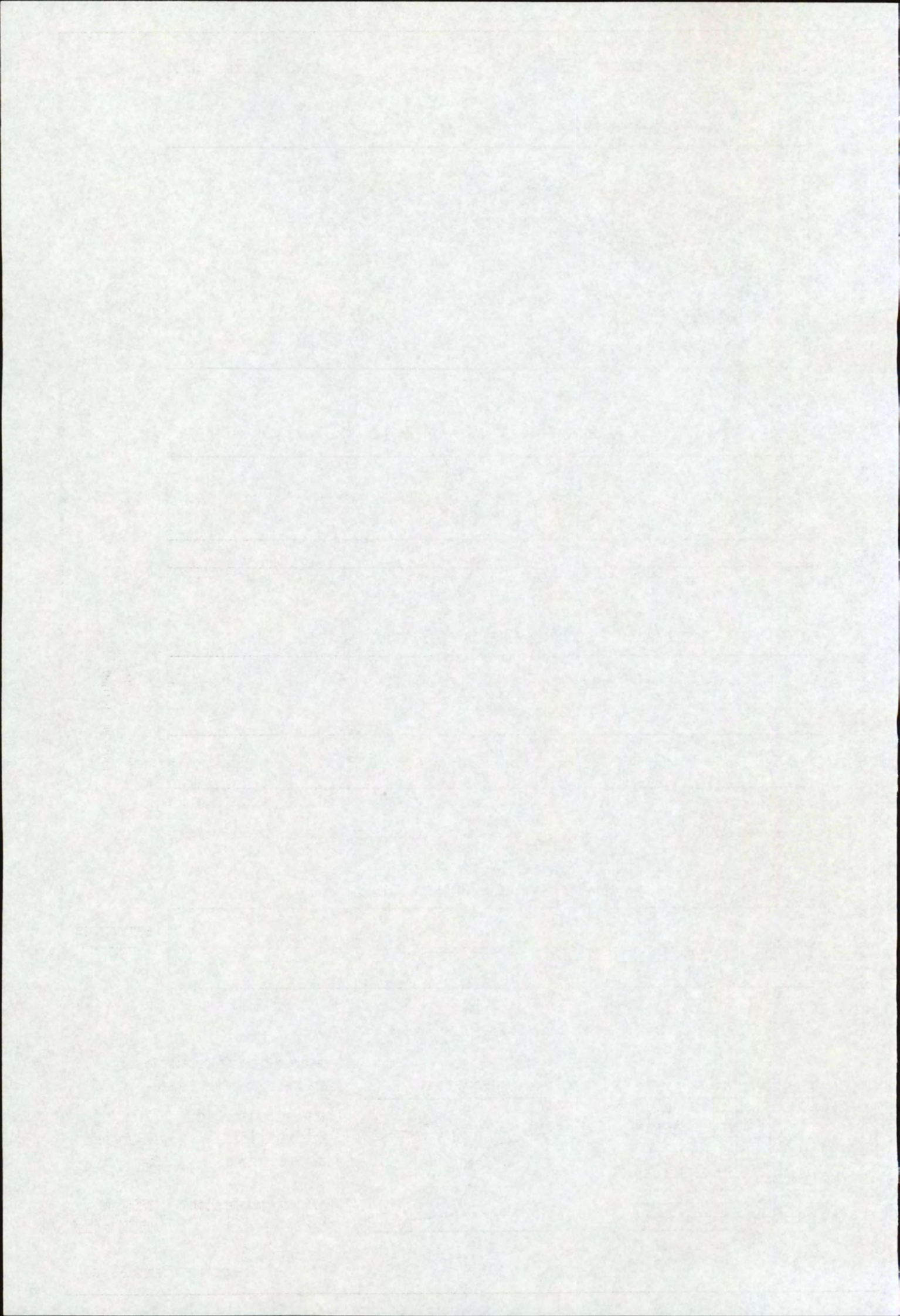


maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 171 m  
 stroomsnelheid : 126 cm/sec  
 stroomrichting : 354 °

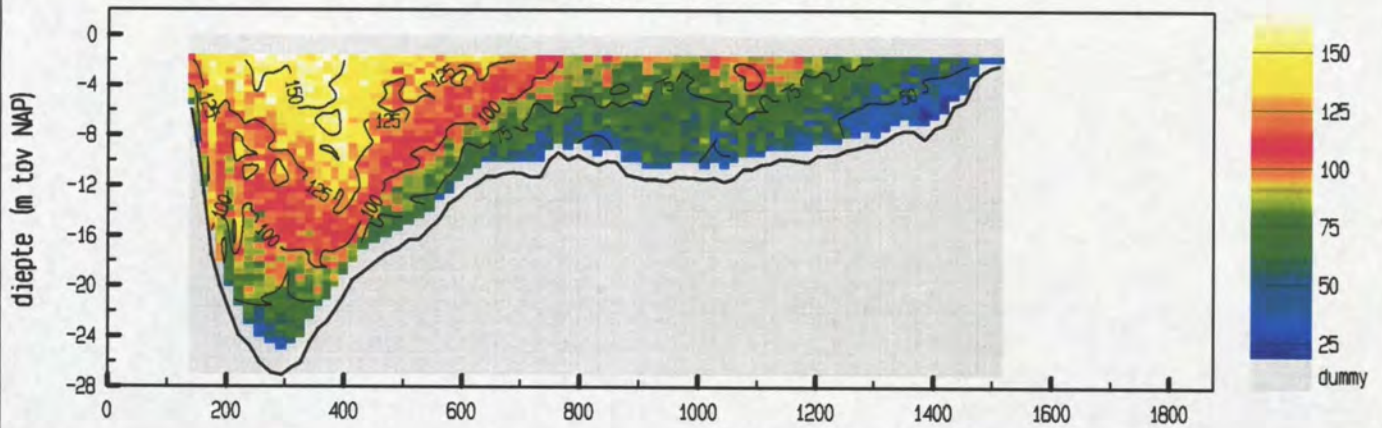
doorstroomoppervlak : 18096 m²  
 raaidebiet : 15970 m³/sec



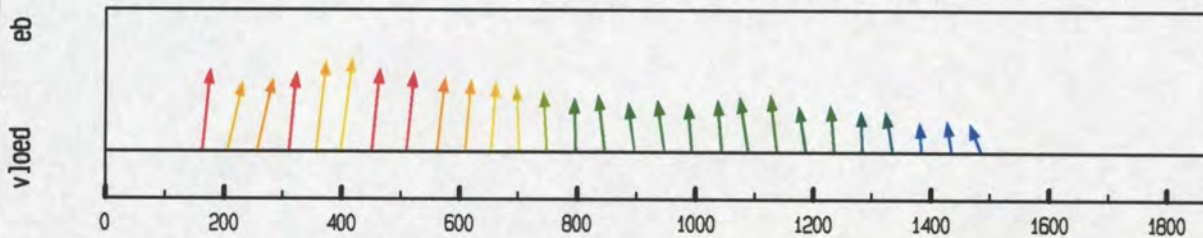




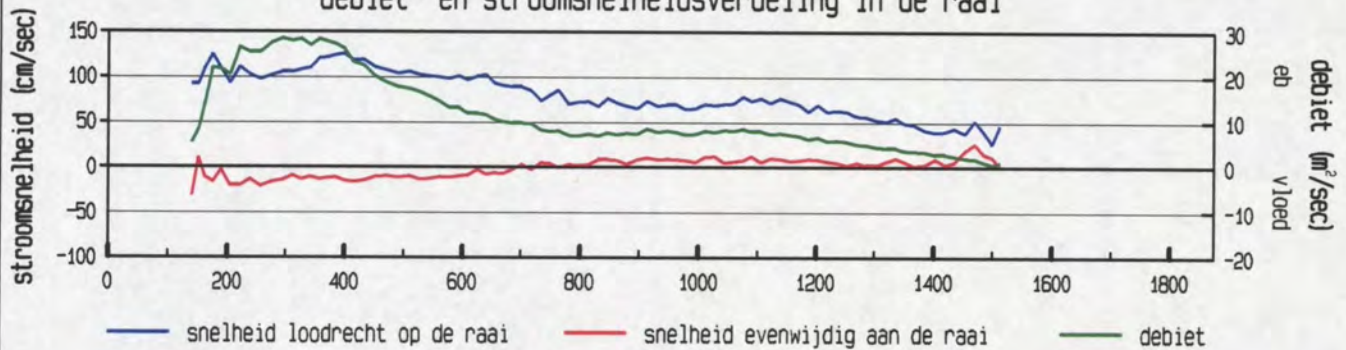
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



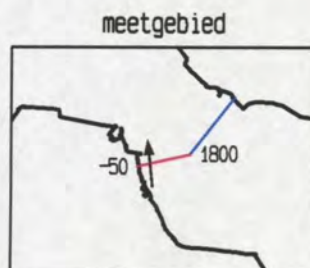
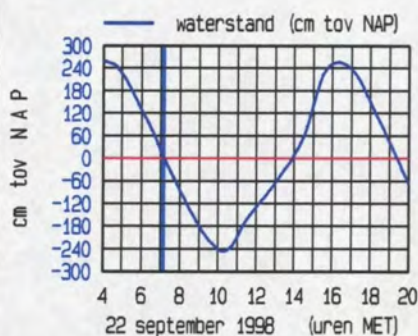
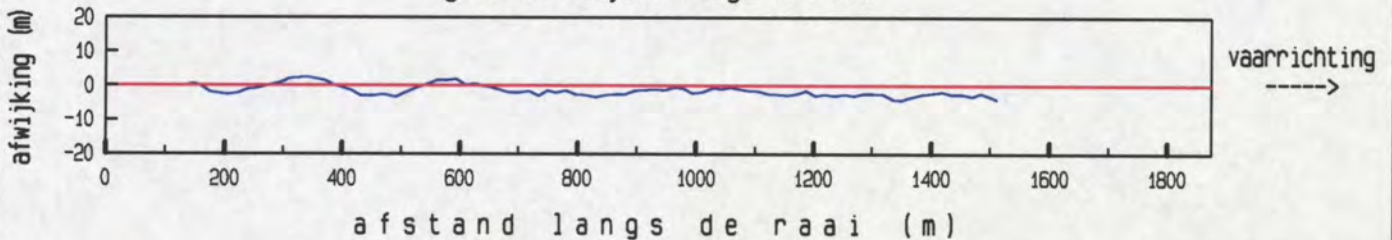
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

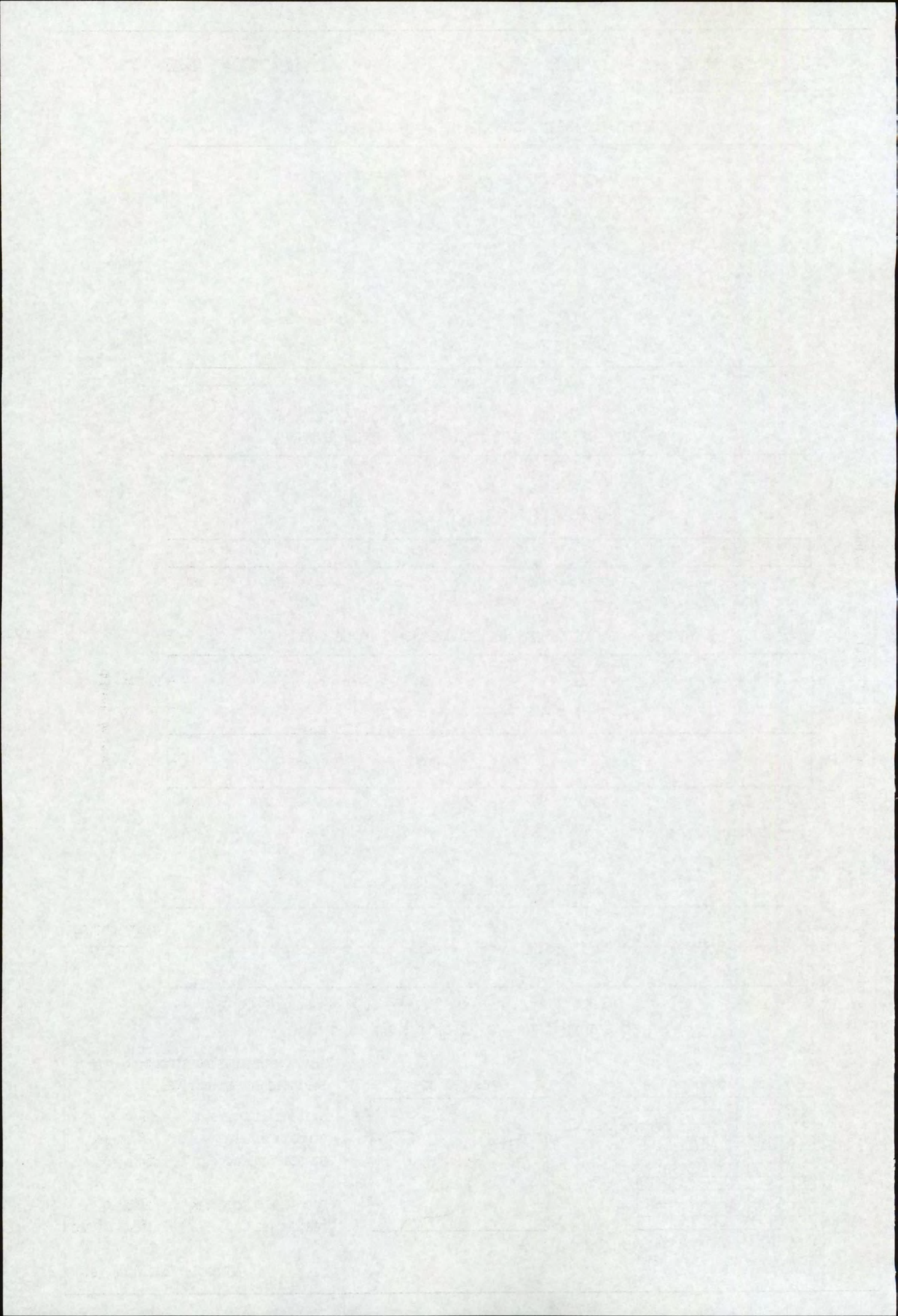


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 399 m  
 stroomsnelheid : 126 cm/sec  
 stroomrichting : 354 °

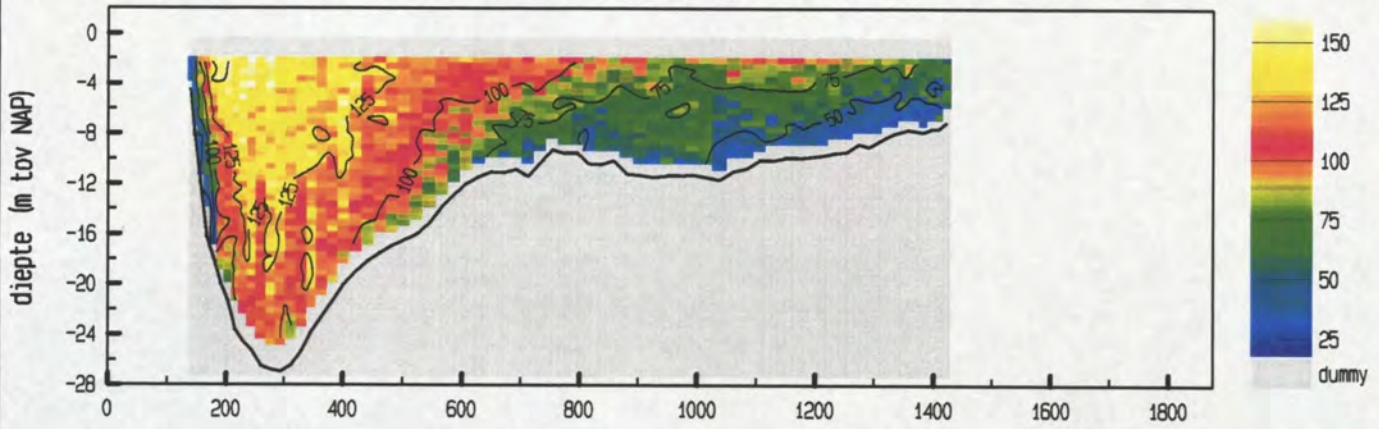
doorstroomoppervlak : 17962 m<sup>2</sup>  
 raaidebiet : 16077 m<sup>3</sup>/sec



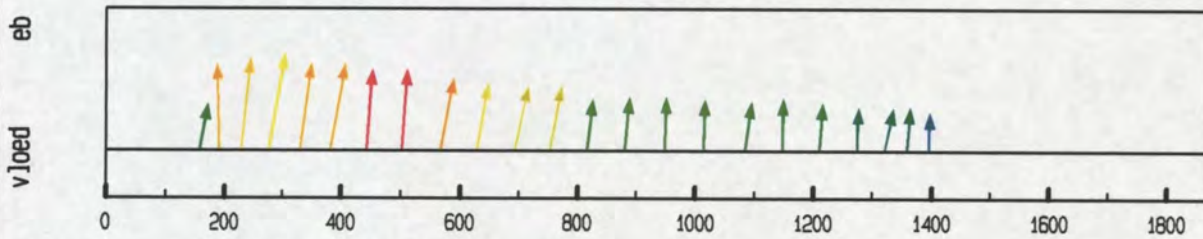




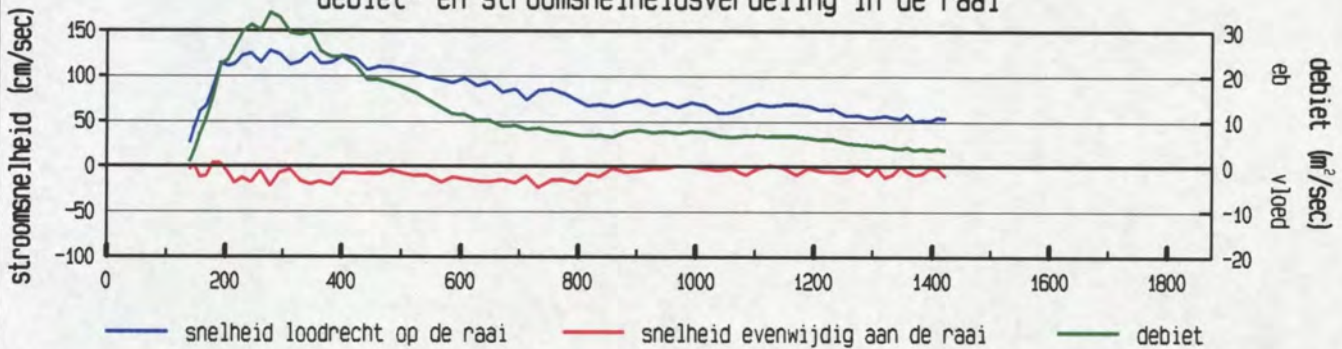
gemeten snelheid (cm/sec) (eb > 0, vloed < 0)



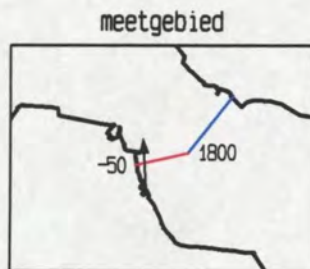
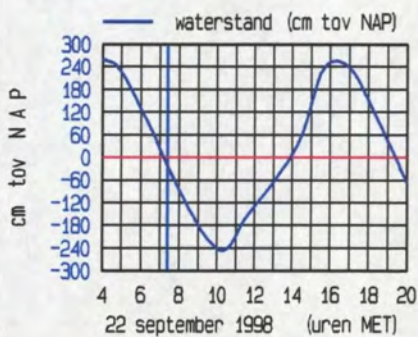
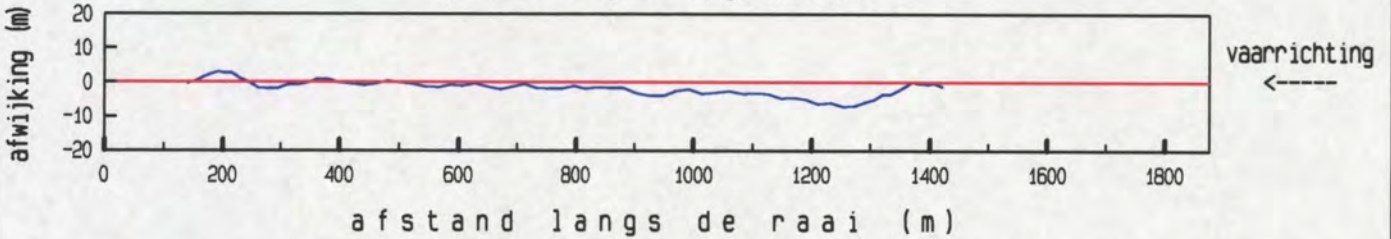
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

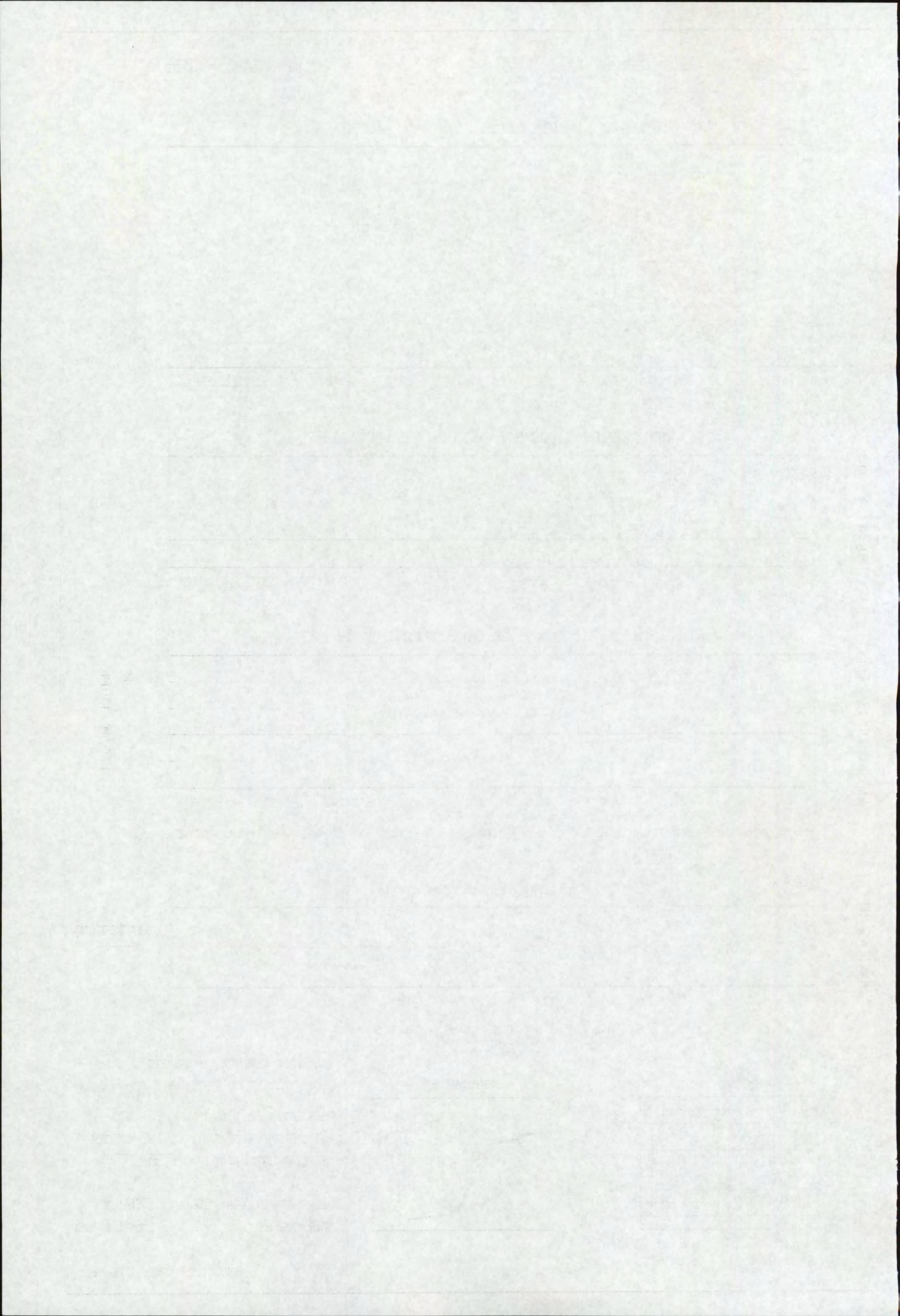


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 277 m  
 stroomsnelheid : 130 cm/sec  
 stroomrichting : 357°

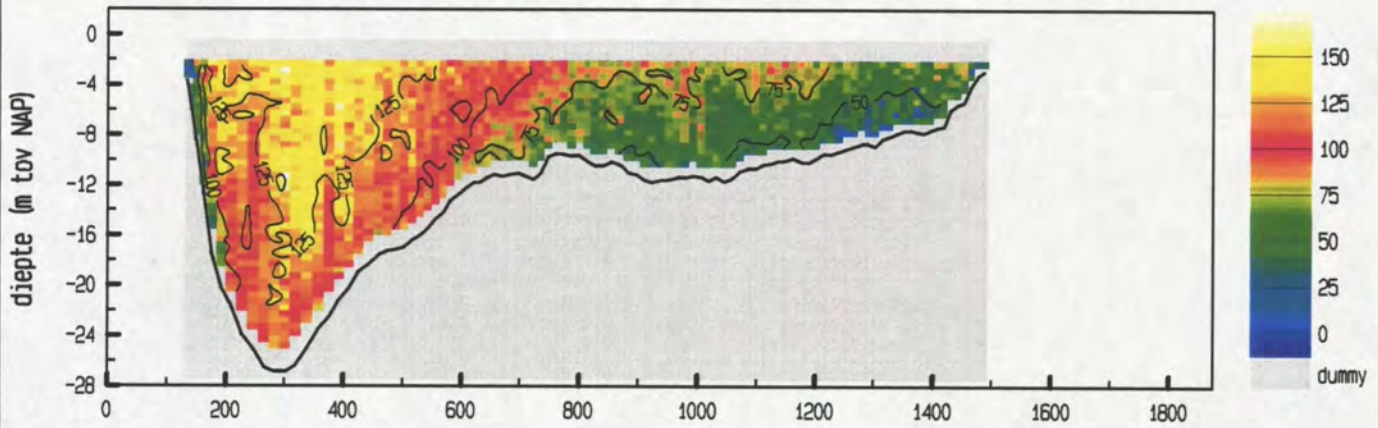
doorstroomoppervlak : 17163 m<sup>2</sup>  
 raaidebiet : 15649 m<sup>3</sup>/sec



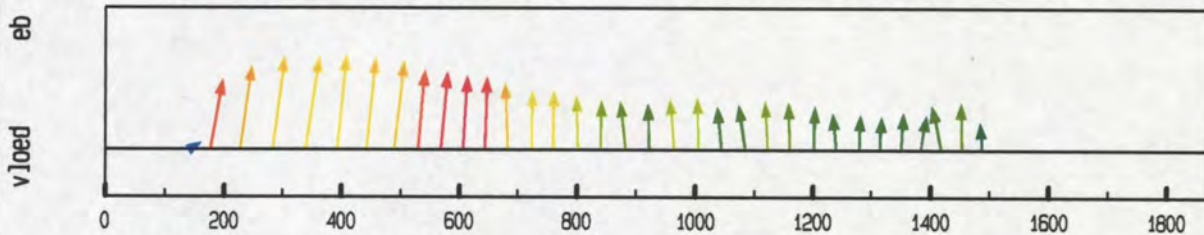




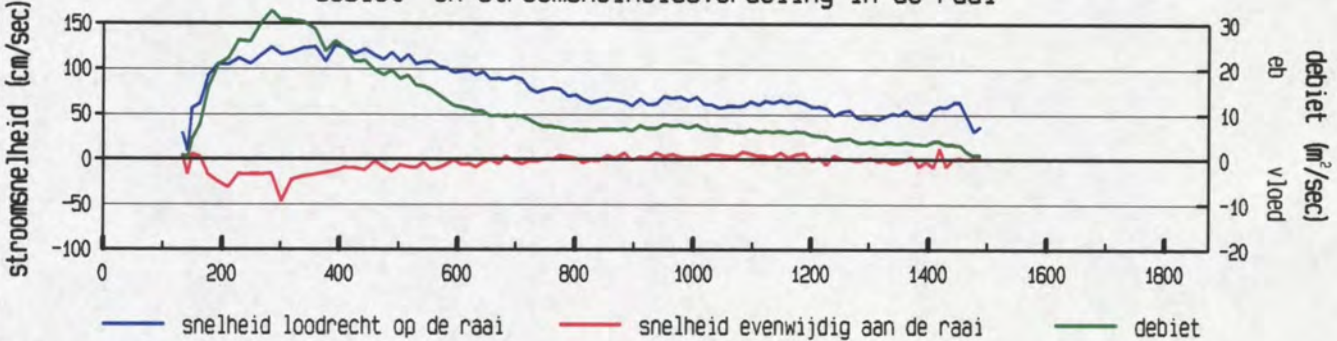
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



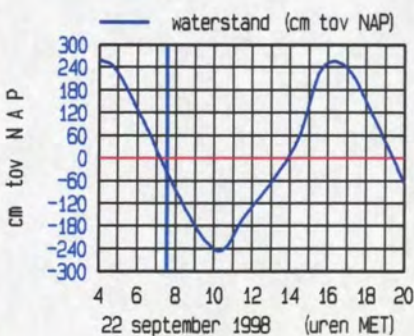
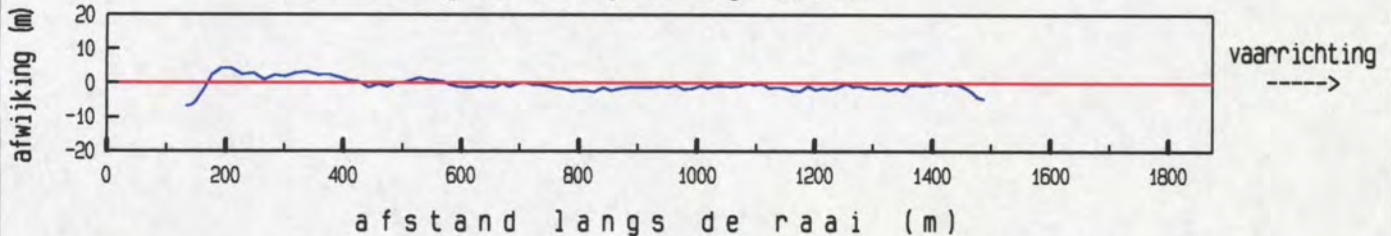
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 392 m  
 stroomsnelheid : 126 cm/sec  
 stroomrichting : 353 °

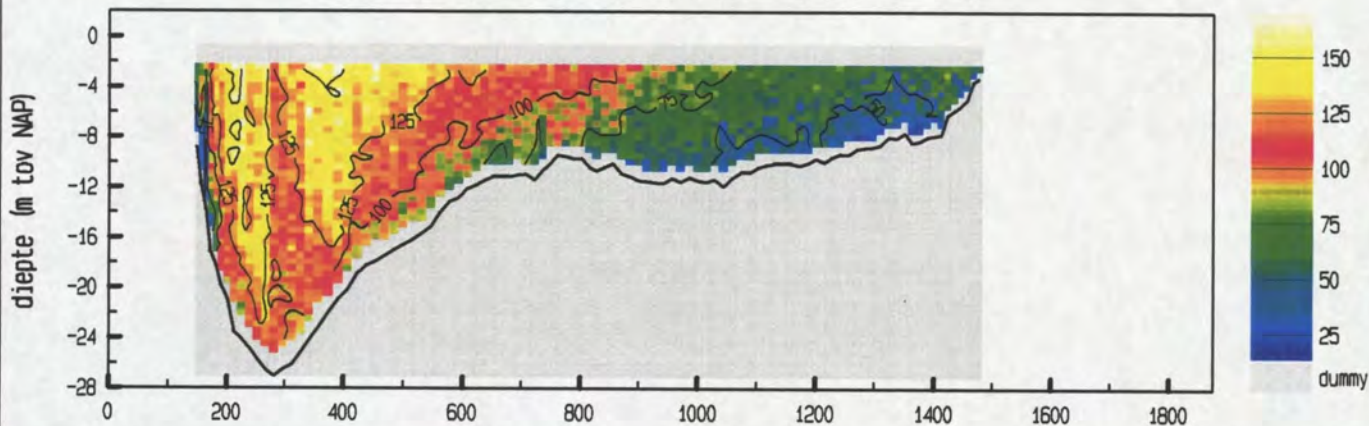
doorstroomoppervlak : 17321 m<sup>2</sup>  
 raaidebiet : 15521 m<sup>3</sup>/sec



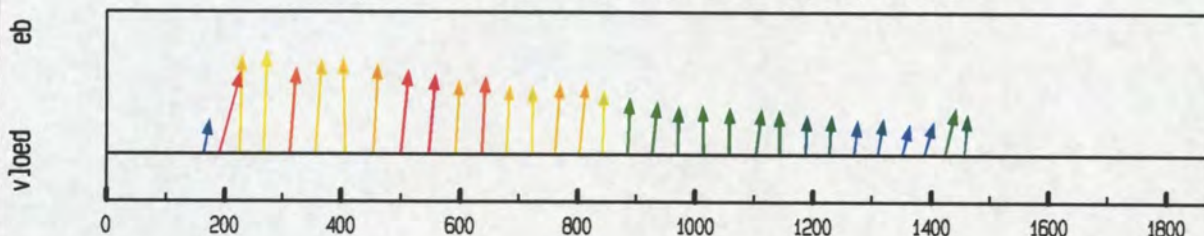
100-100000



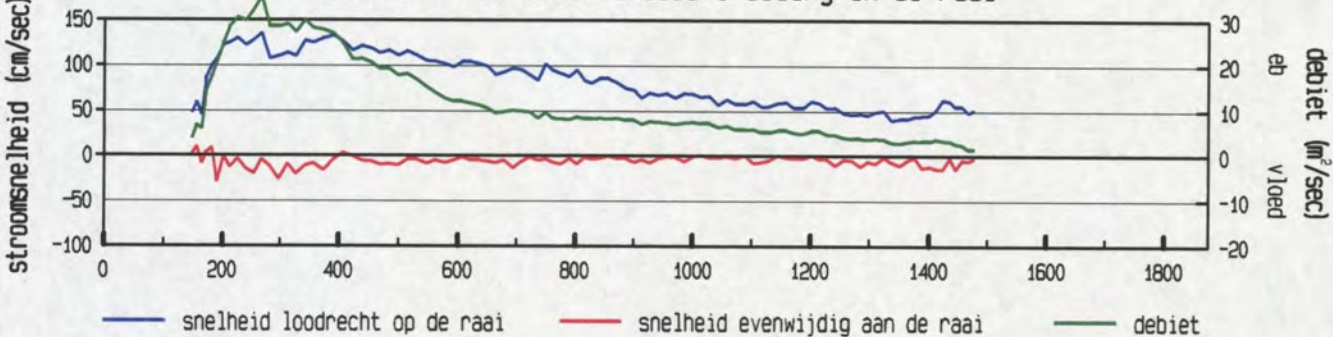
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



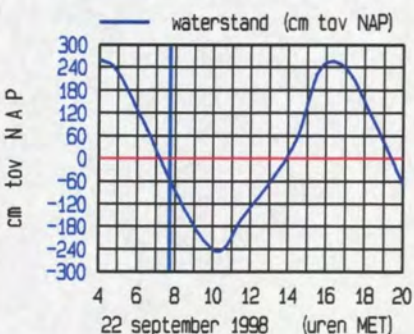
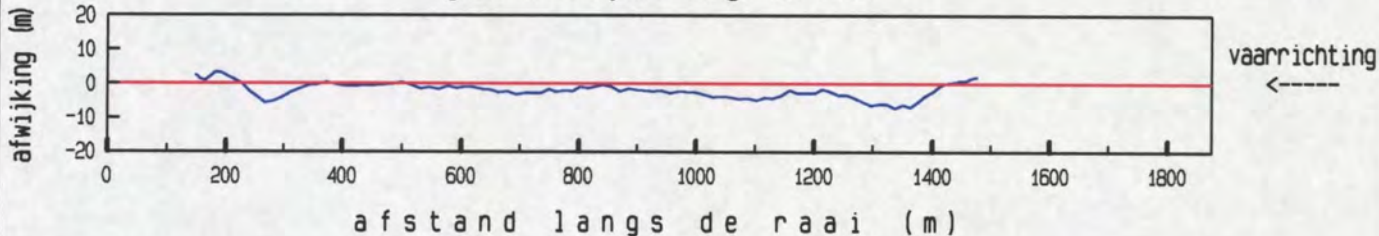
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

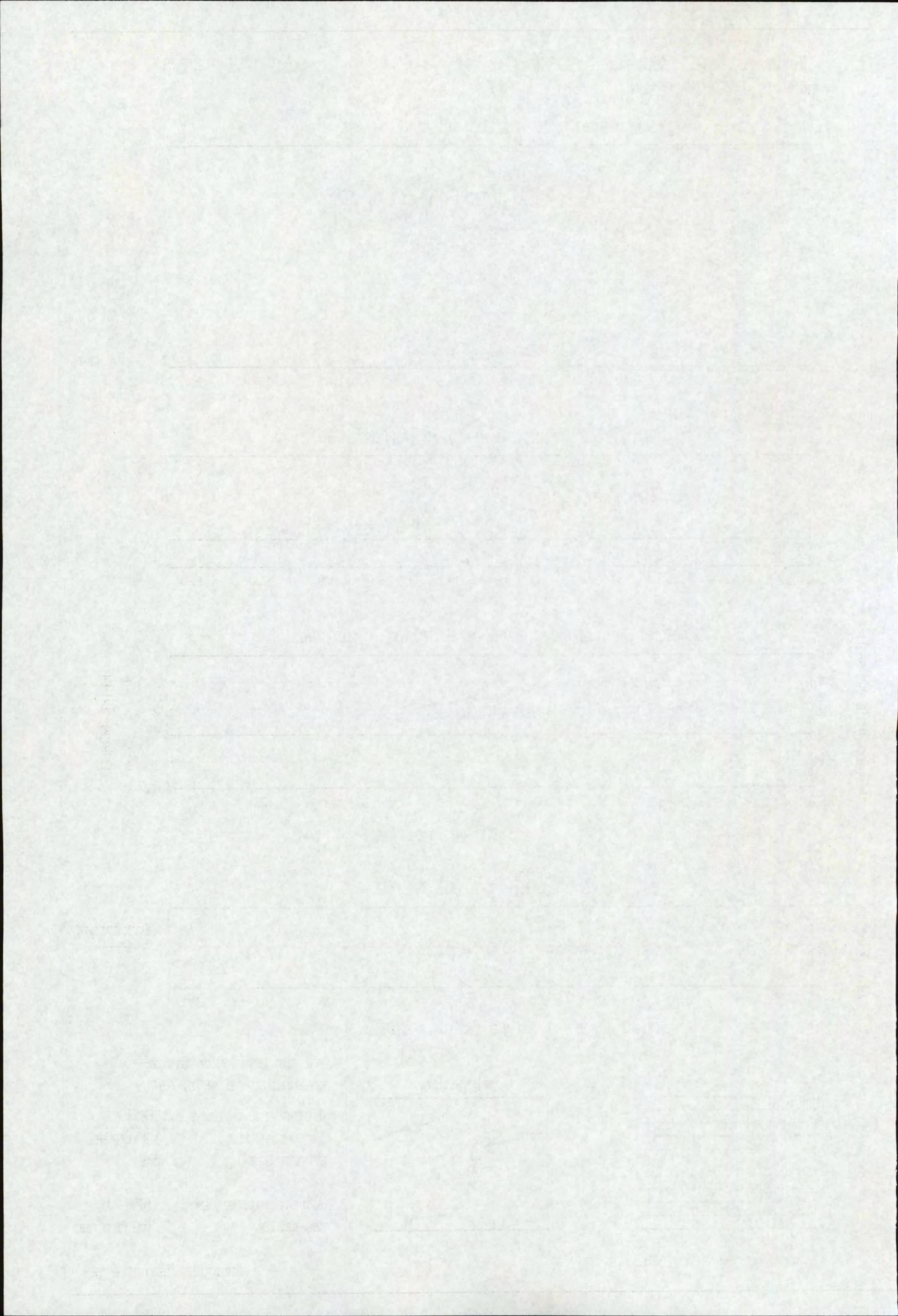


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 268 m  
 stroomsnelheid : 136 cm/sec  
 stroomrichting : 349 °

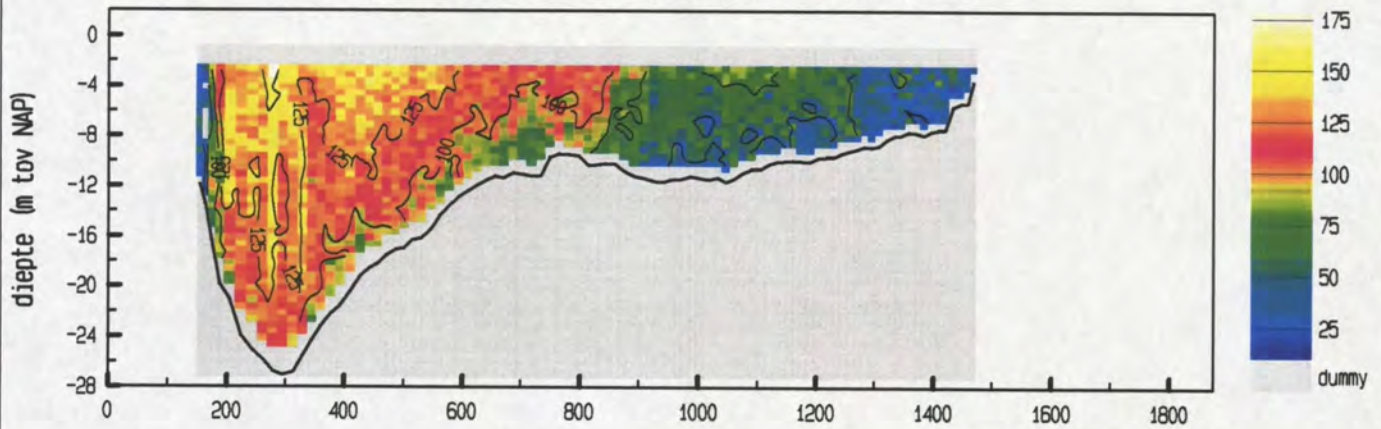
doorstroomoppervlak : 16991 m<sup>2</sup>  
 raaidebiet : 15905 m<sup>3</sup>/sec



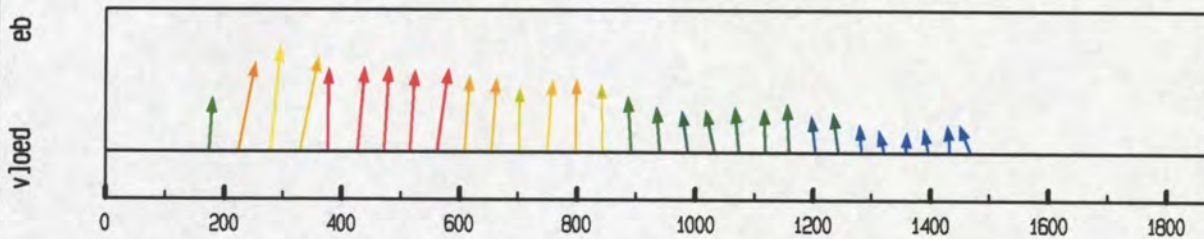




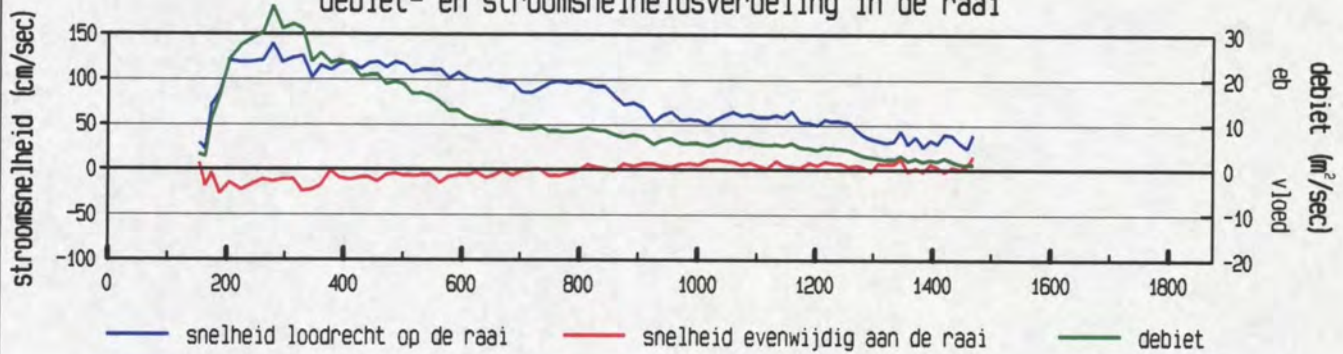
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



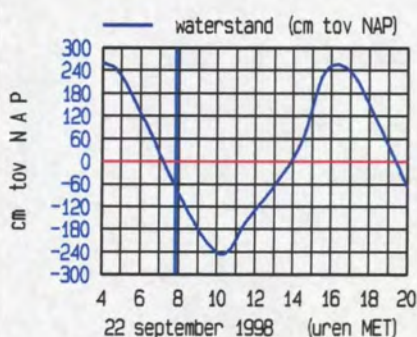
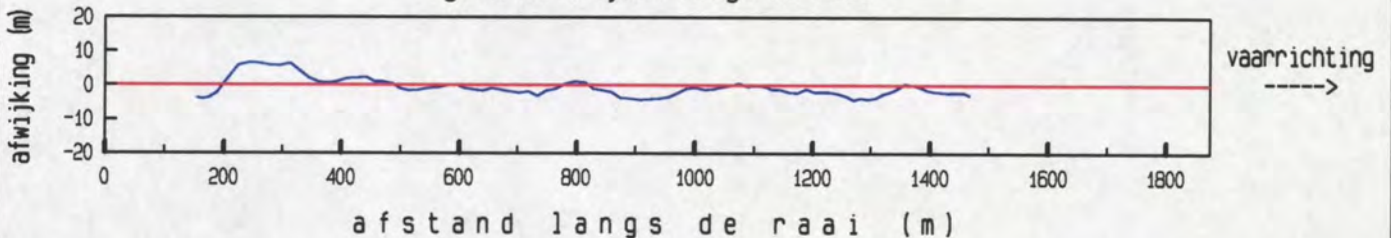
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



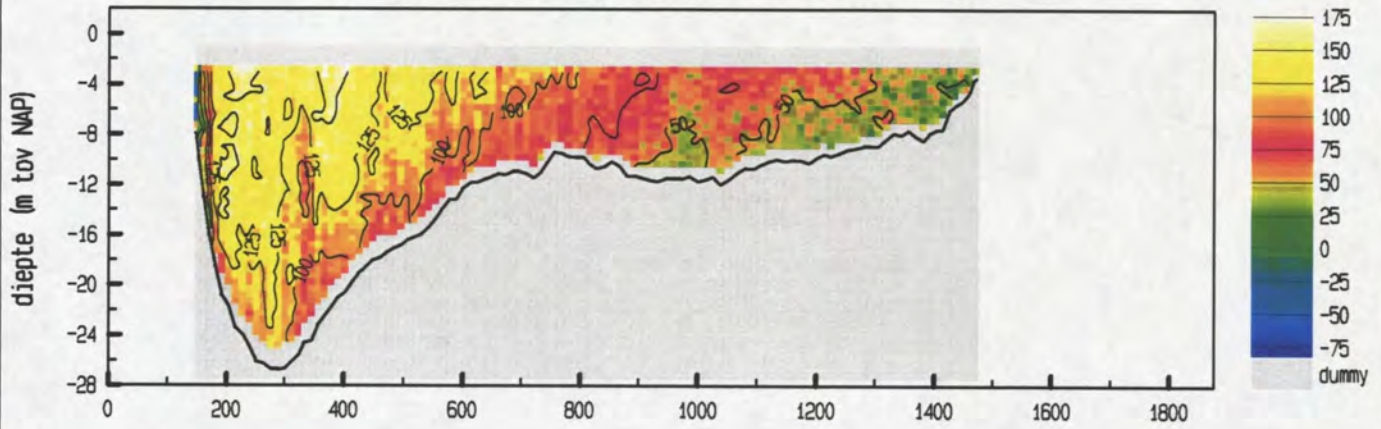
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 278 m  
 stroomsnelheid : 140 cm/sec  
 stroomrichting : 353°

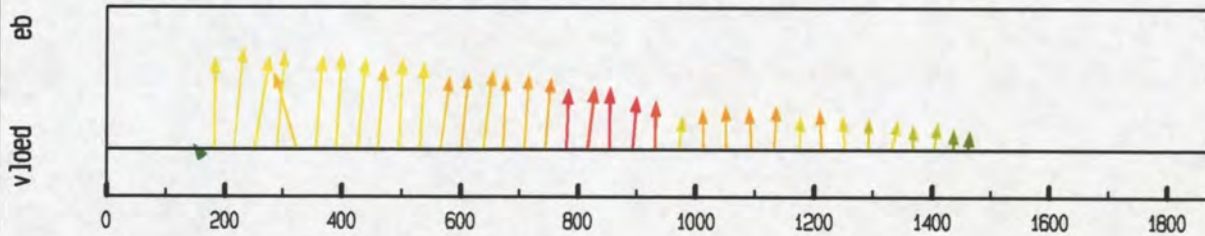
doorstroomoppervlak : 16788 m²  
 raaidebiet : 15196 m³/sec



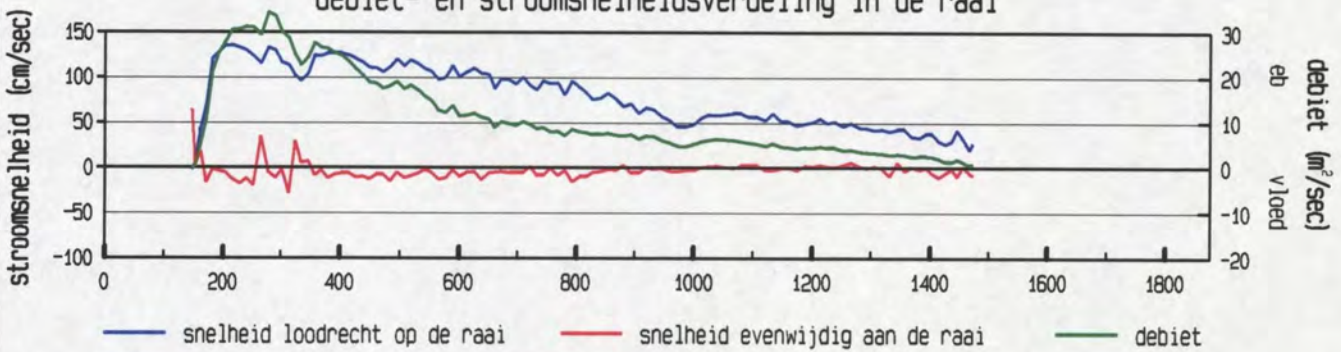
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



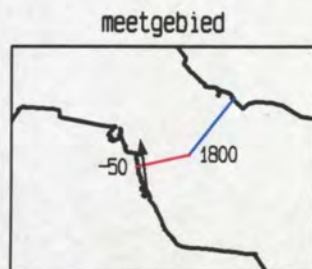
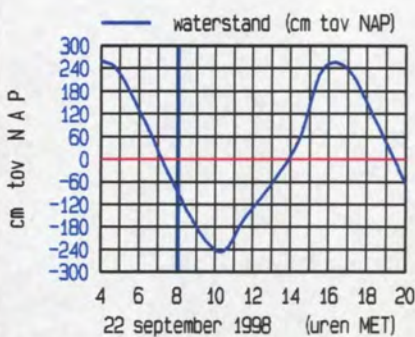
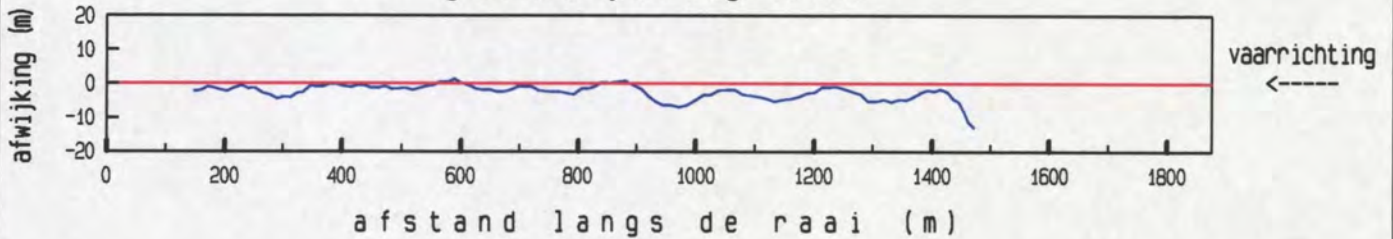
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

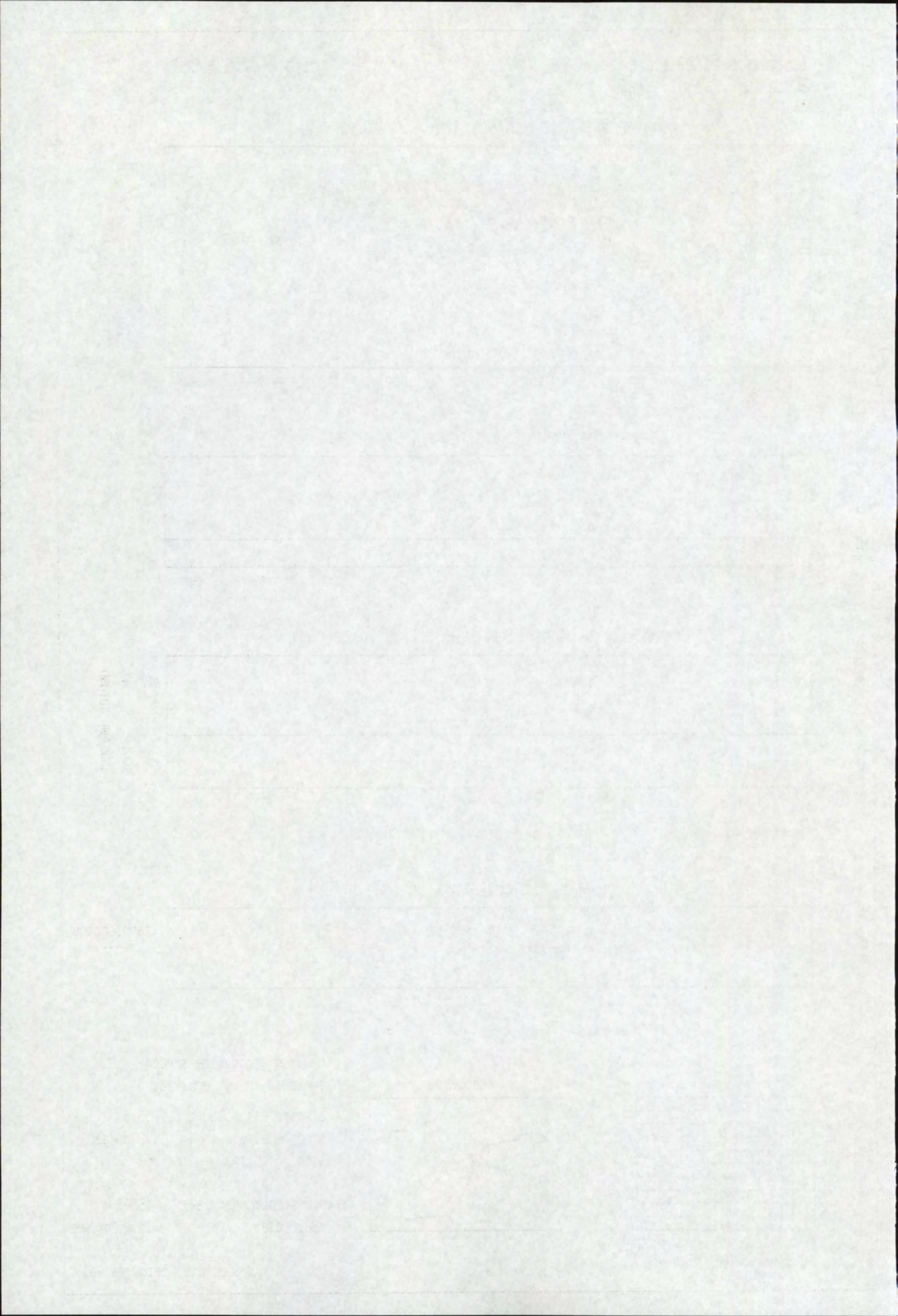


maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 216 m  
 stroomsnelheid : 136 cm/sec  
 stroomrichting : 353 °

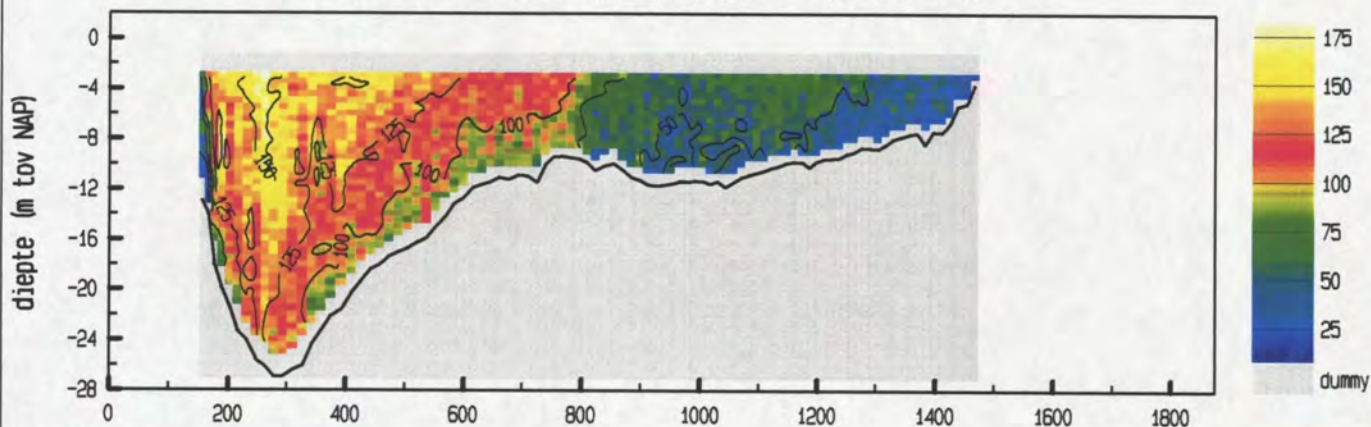
doorstroomoppervlak : 16543 m²  
 raaidebiet : 15125 m³/sec



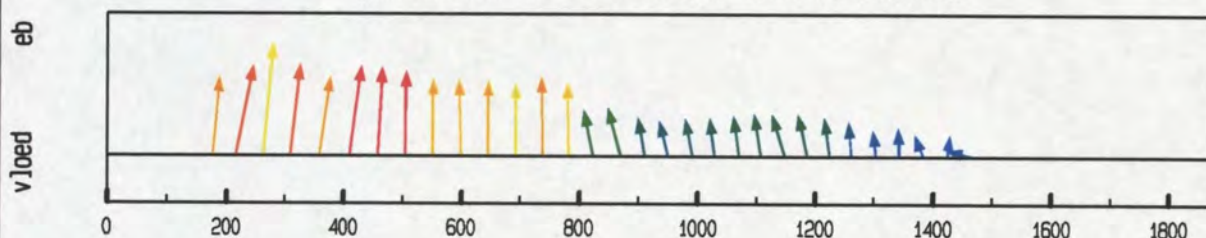




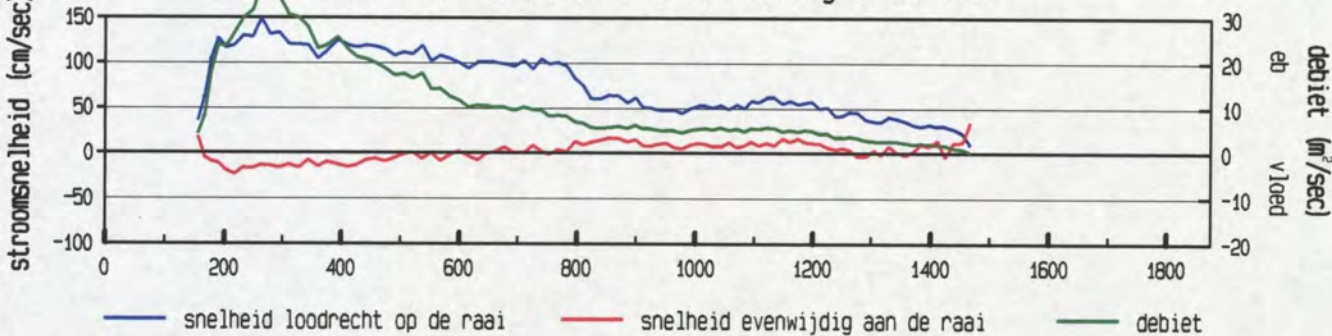
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



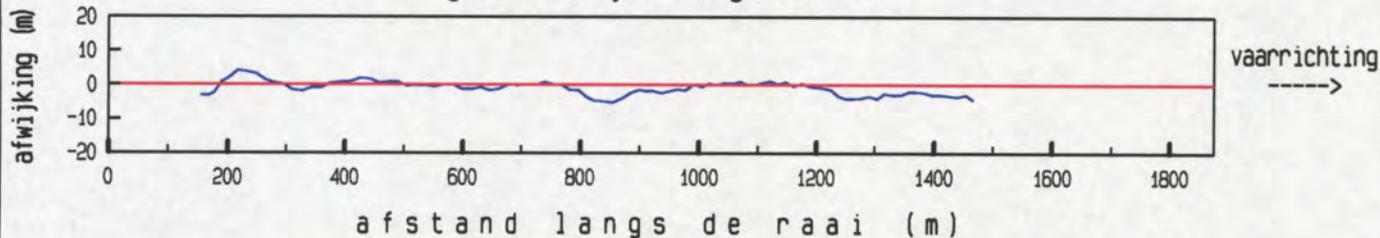
gemiddelde stroomsnelheid in de vertikaal



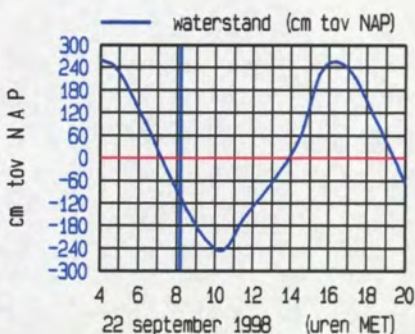
debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



afstand langs de raai (m)



meetgebied



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 263 m  
 stroomsnelheid : 149 cm/sec  
 stroomrichting : 352 °

doorstroomoppervlak : 16297 m<sup>2</sup>  
 raaidebiet : 14893 m<sup>3</sup>/sec



1000

1000

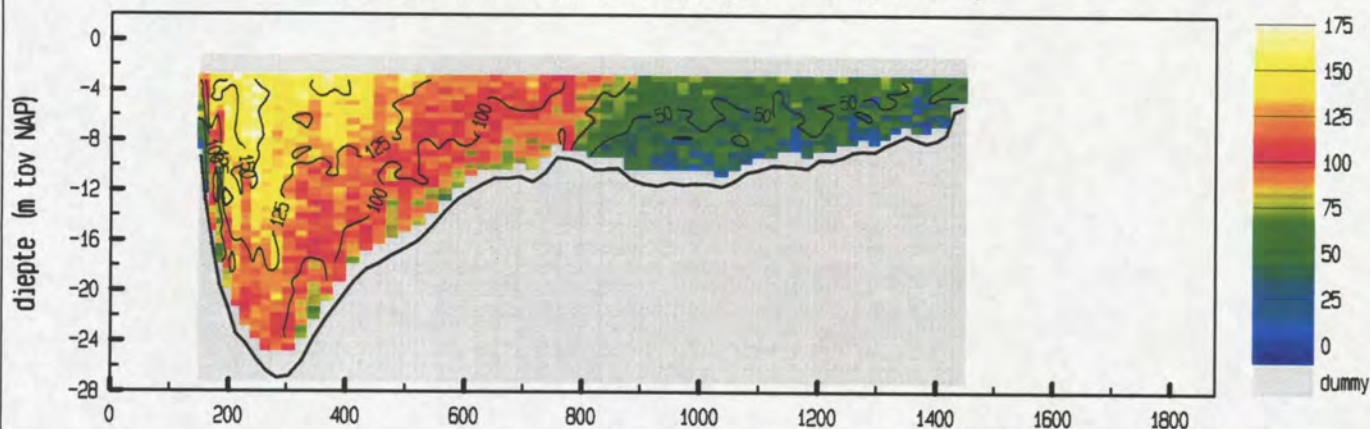
1000

1000

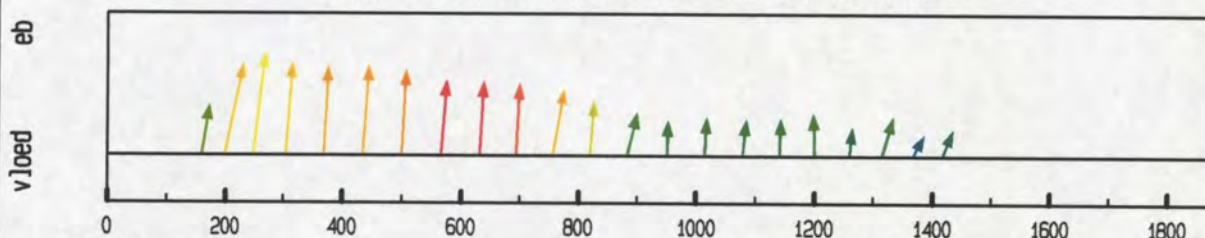
1000



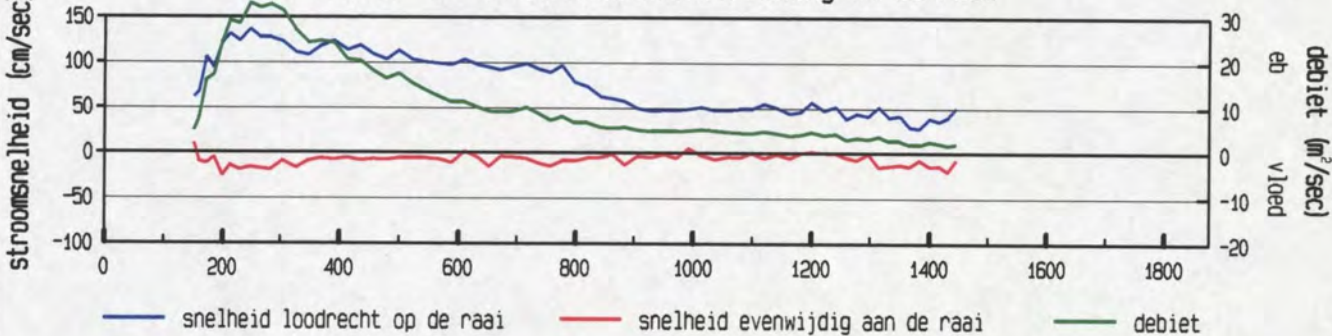
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



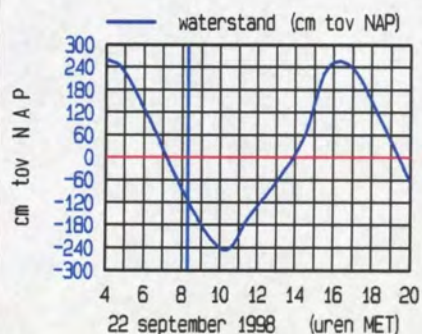
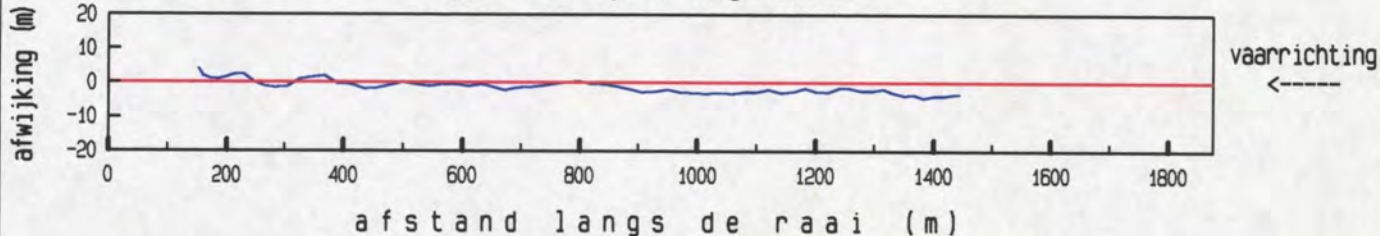
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



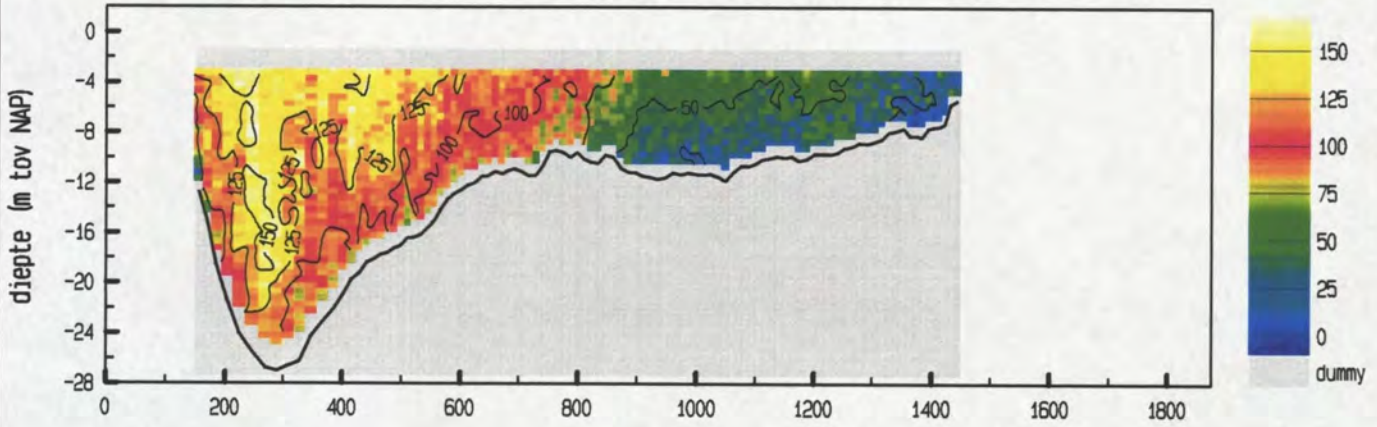
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 248 m  
 stroomsnelheid : 137 cm/sec  
 stroomrichting : 354 °

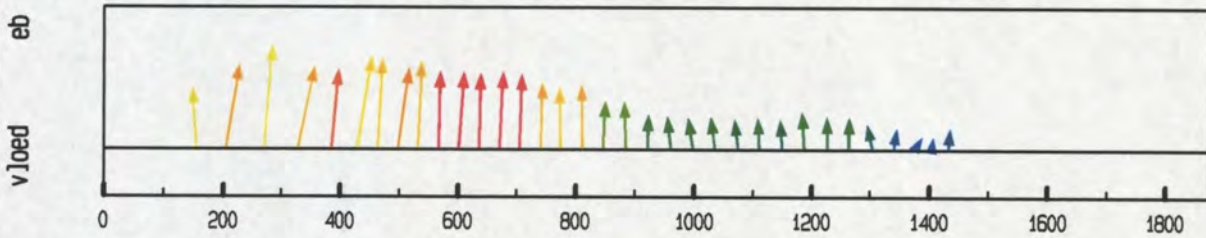
doorstroomoppervlak : 15979 m<sup>2</sup>  
 raaidebiet : 14268 m<sup>3</sup>/sec



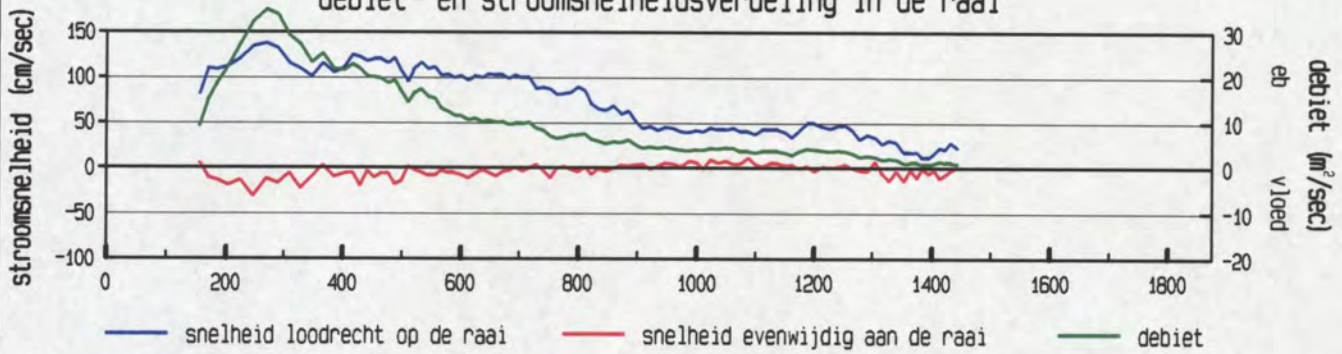
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



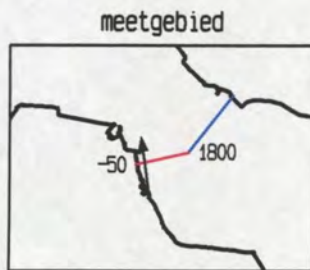
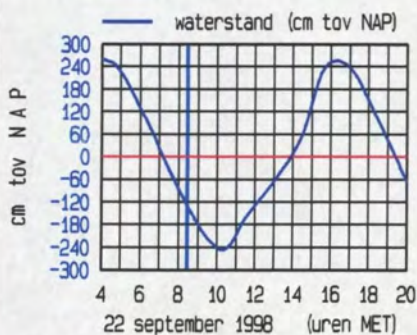
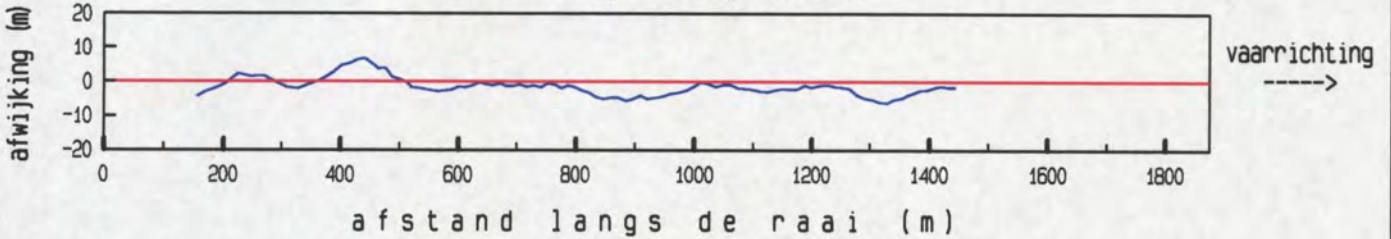
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 270 m  
 stroomsnelheid : 138 cm/sec  
 stroomrichting : 352°

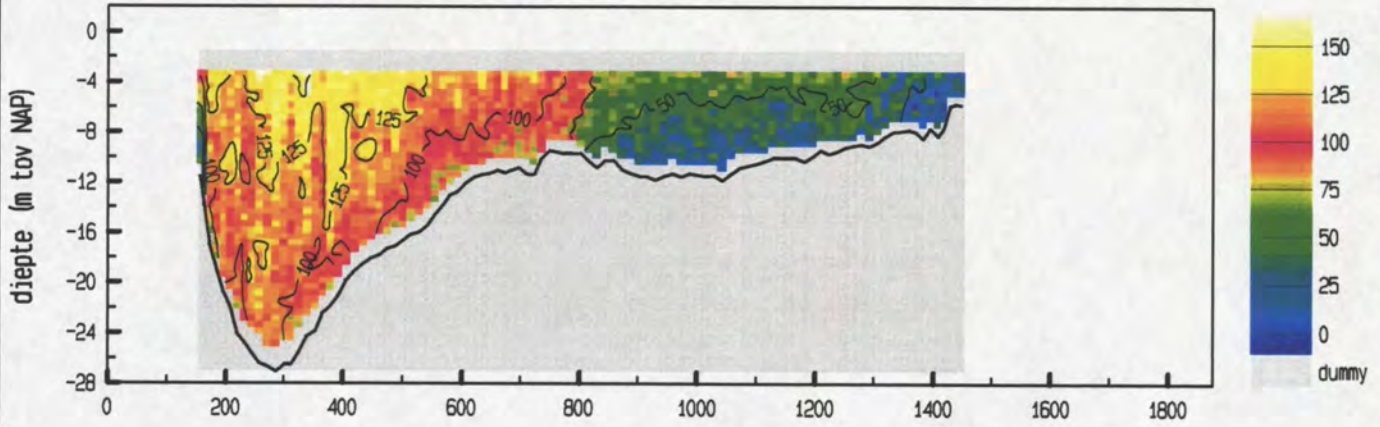
doorstroomoppervlak : 15971 m<sup>2</sup>  
 raaidebiet : 14102 m<sup>3</sup>/sec



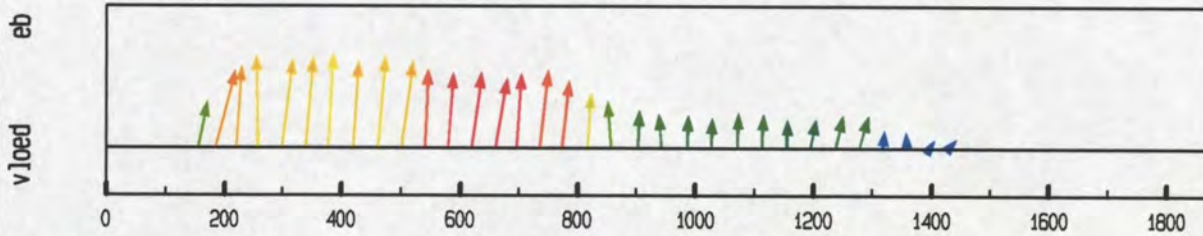
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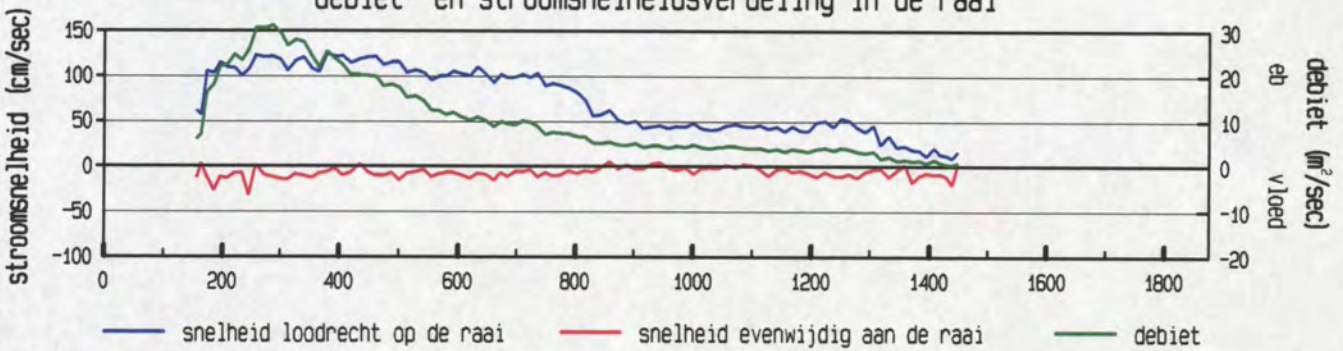
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



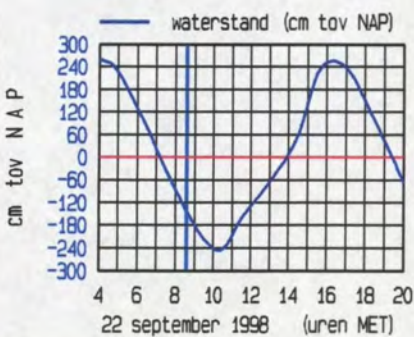
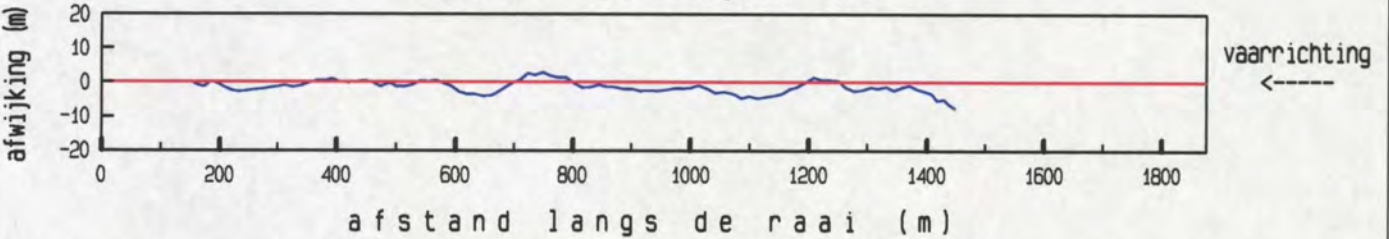
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

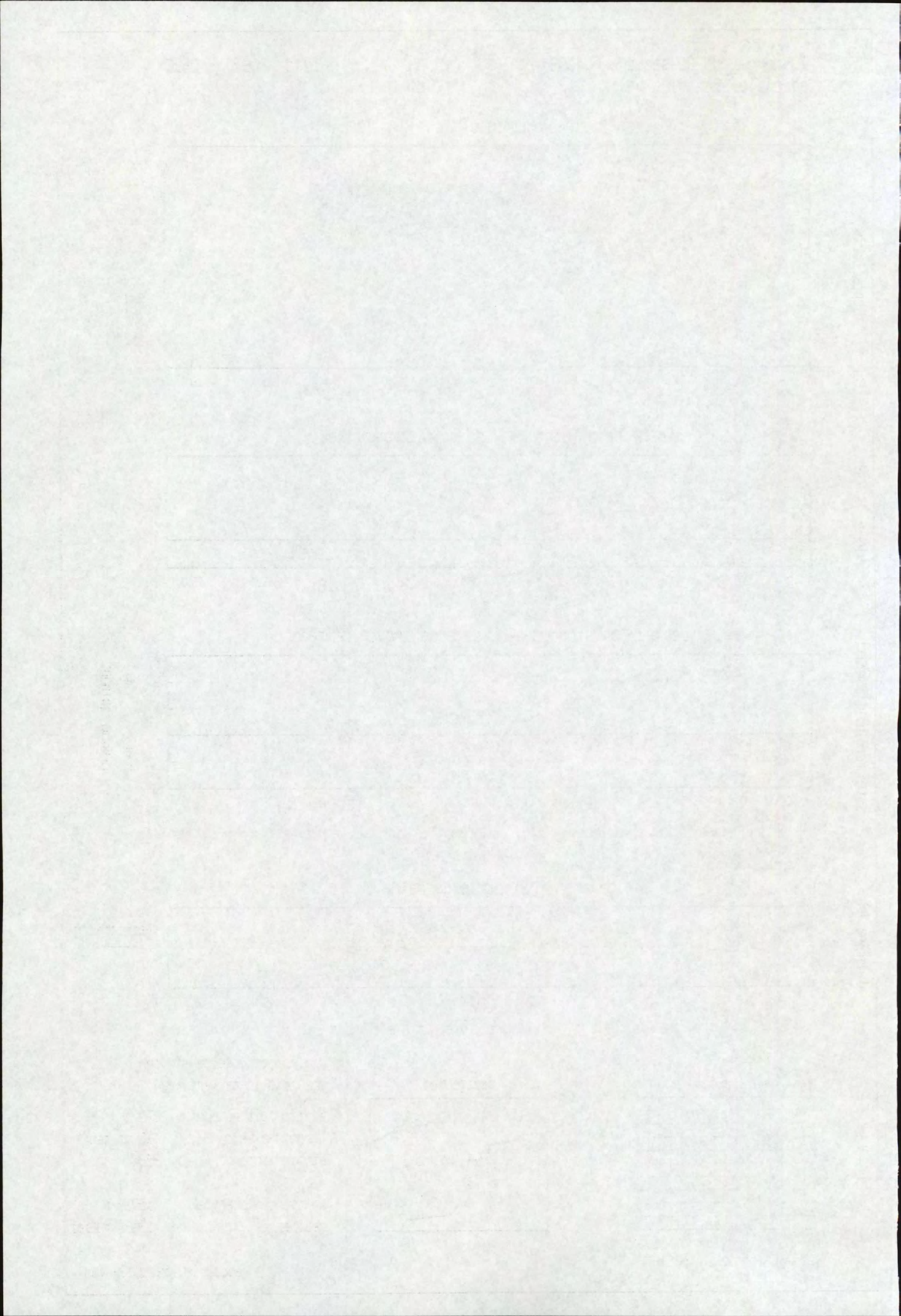


maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 379 m  
 stroomsnelheid : 125 cm/sec  
 stroomrichting : 350 °

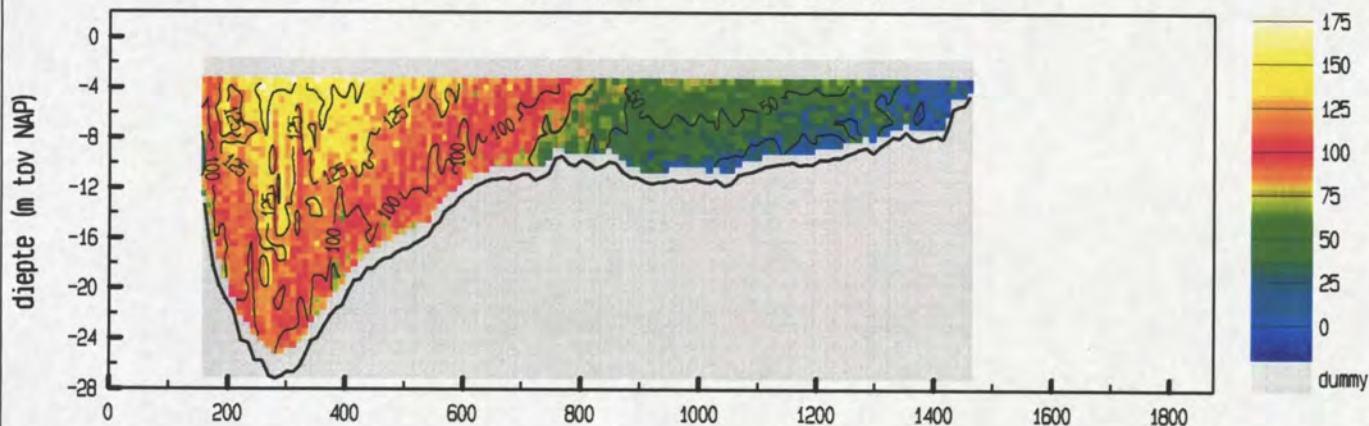
doorstroomoppervlak : 15719 m<sup>2</sup>  
 raaidebiet : 13534 m<sup>3</sup>/sec



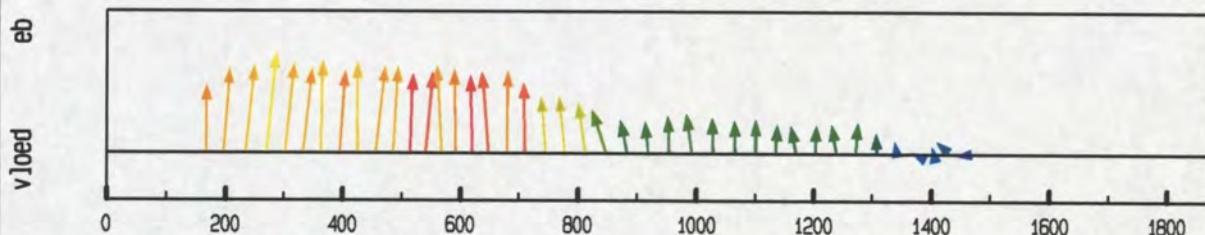




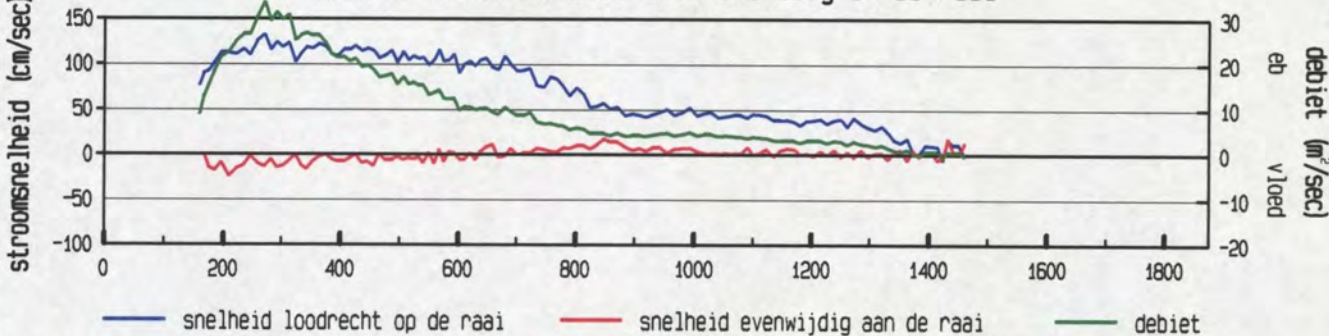
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



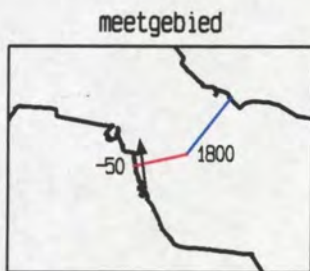
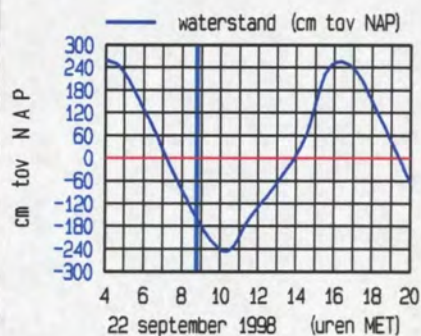
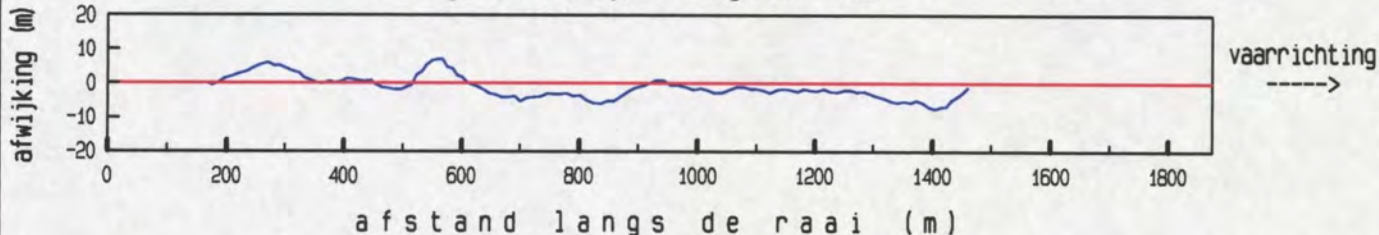
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 270 m  
 stroomsnelheid : 133 cm/sec  
 stroomrichting : 353 °

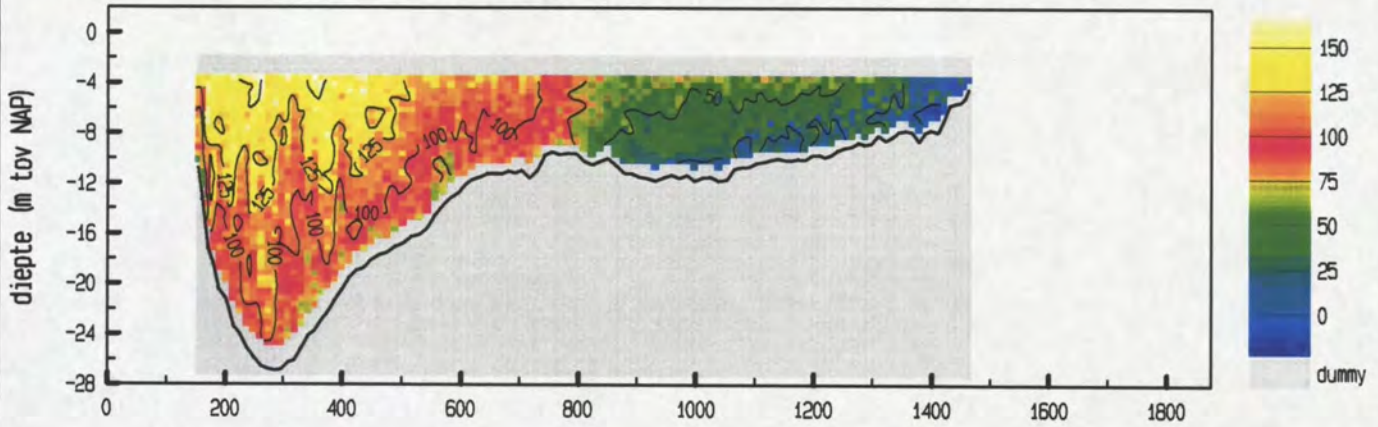
doorstroomoppervlak : 15592 m<sup>2</sup>  
 raaidebiet : 13237 m<sup>3</sup>/sec



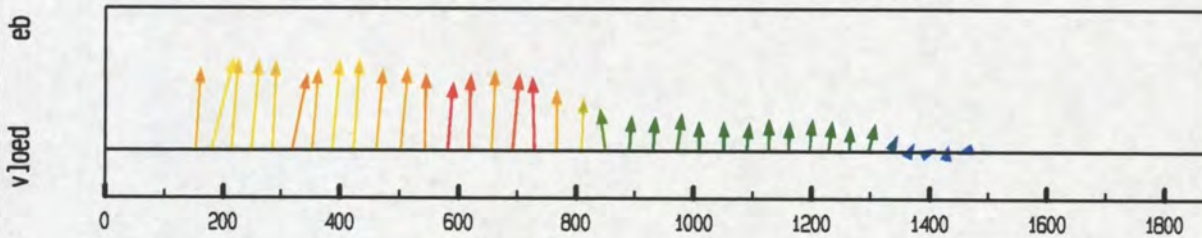
1000



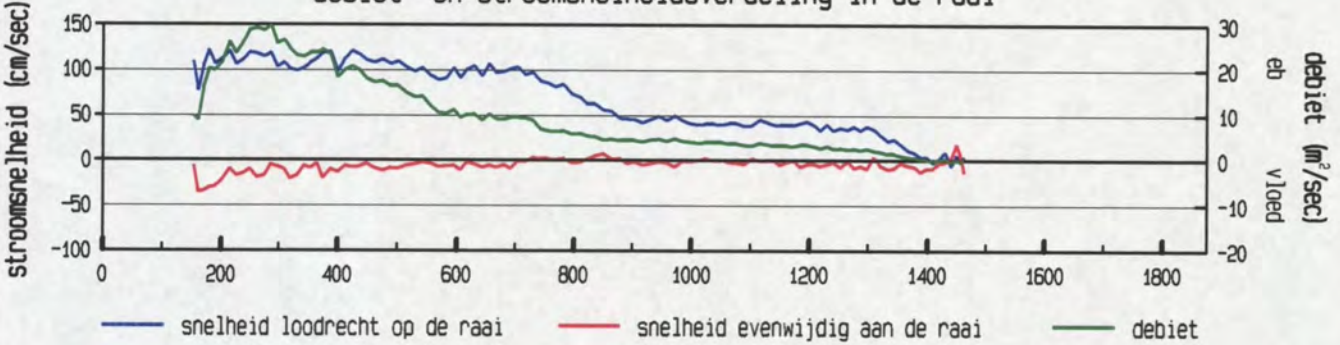
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



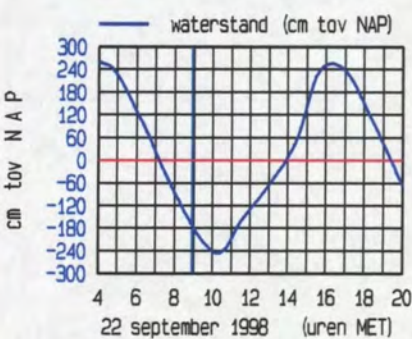
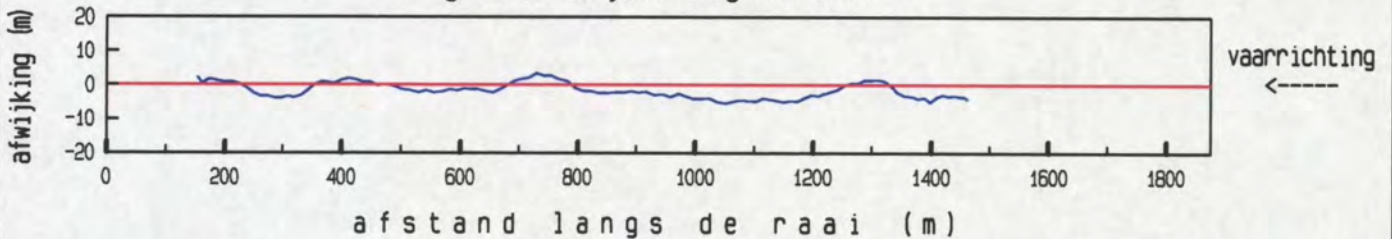
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 180 m  
 stroomsnelheid : 126 cm/sec  
 stroomrichting : 1°

doorstroomoppervlak : 15391 m²  
 raaidebiet : 12766 m³/sec



10-22-1954

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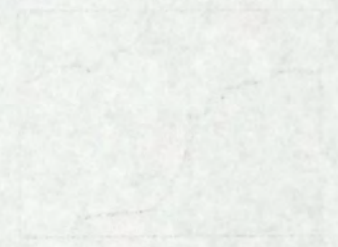
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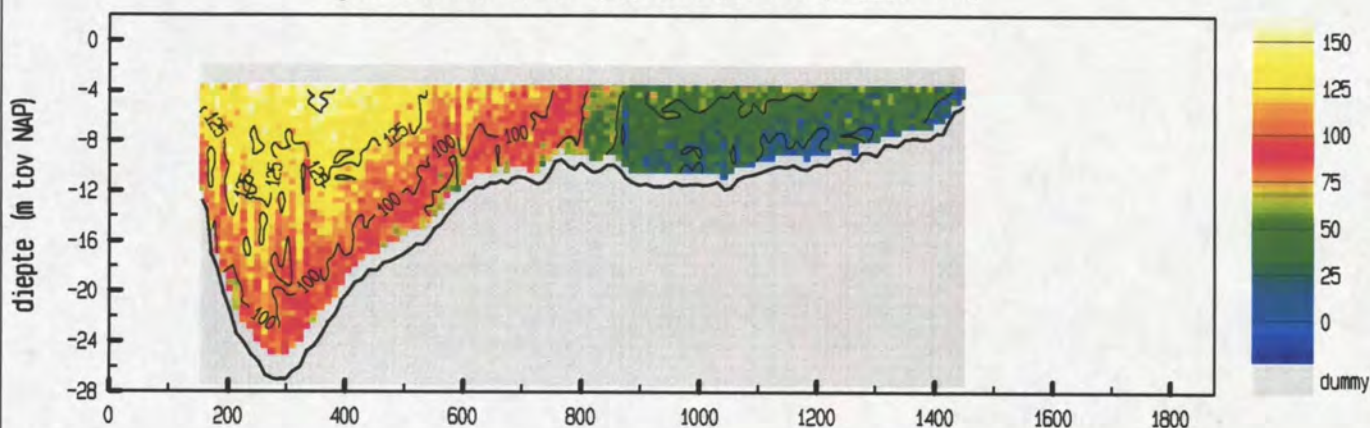
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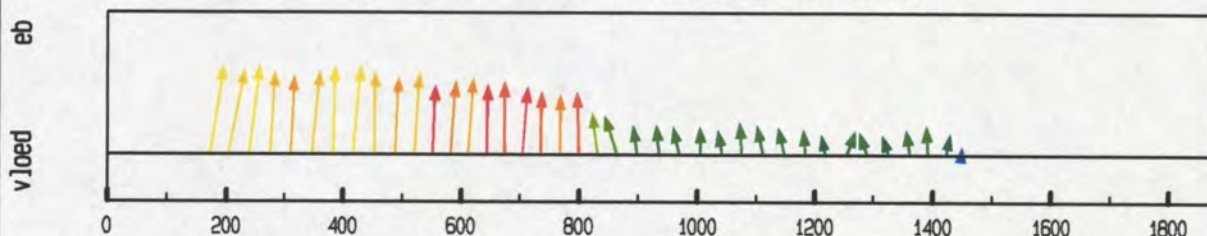




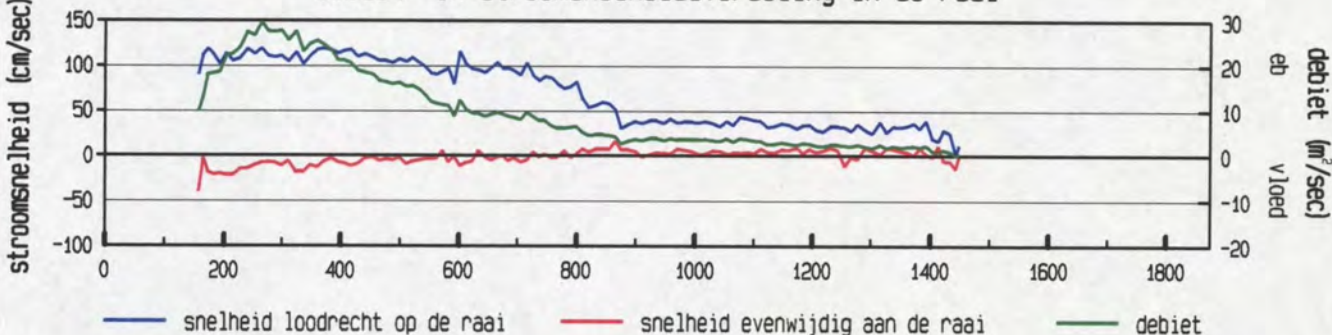
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



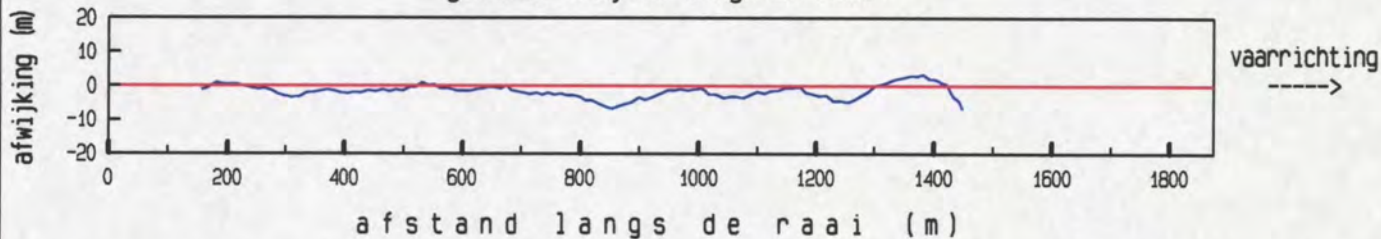
gemiddelde stroomsnelheid in de vertikaal



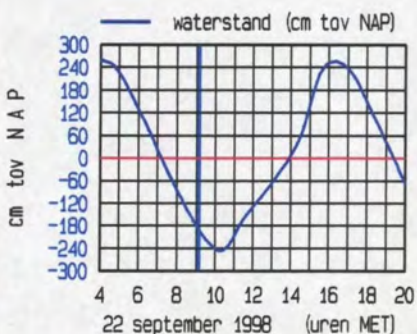
debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



afstand langs de raai (m)



meetgebied



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 172 m  
 stroomsnelheid : 120 cm/sec  
 stroomrichting : 356 °

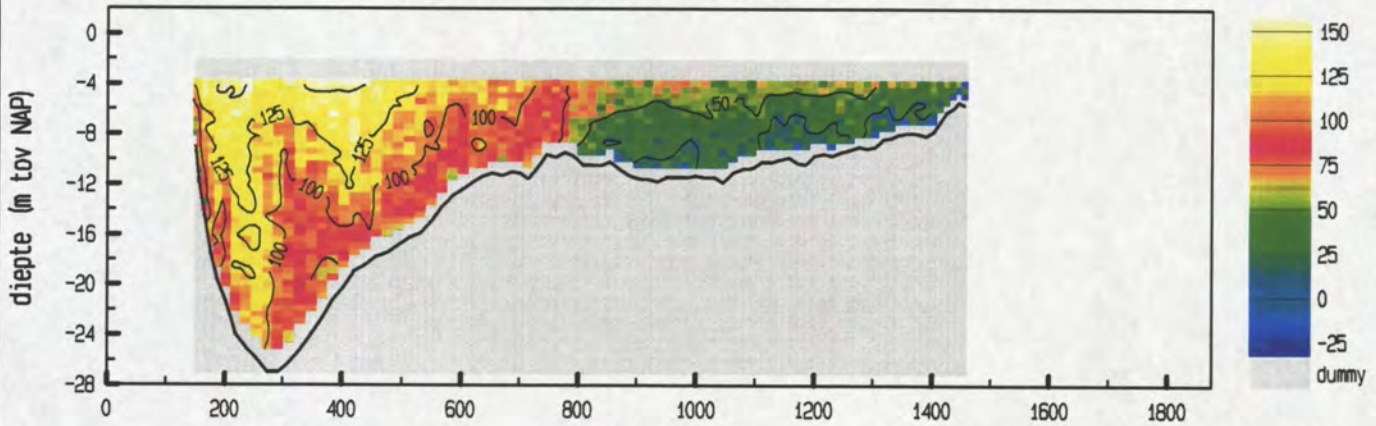
doorstroomoppervlak : 15197 m<sup>2</sup>  
 raaidebiet : 12588 m<sup>3</sup>/sec



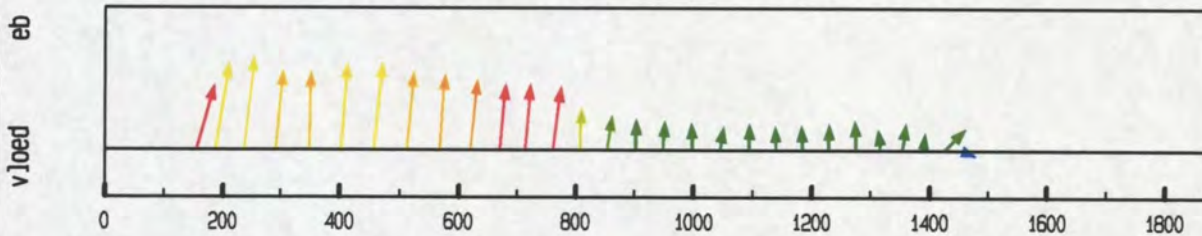
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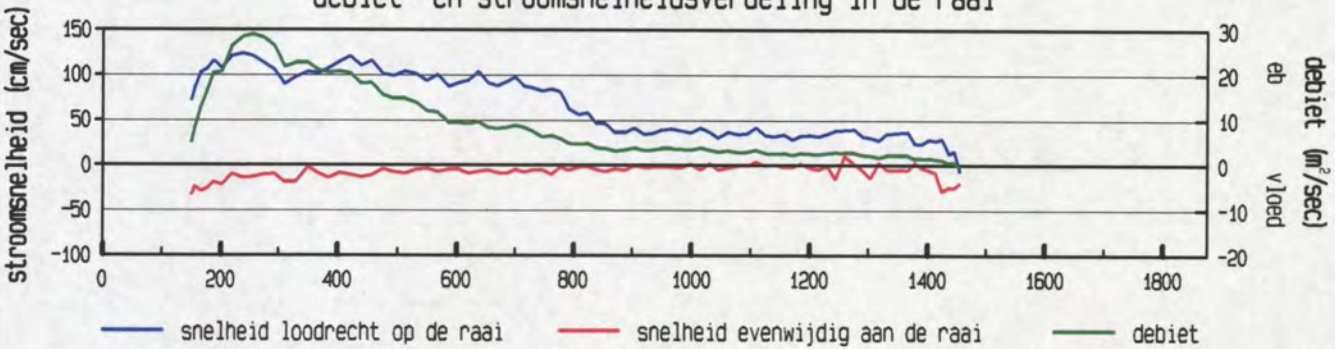
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



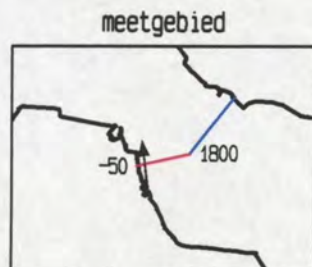
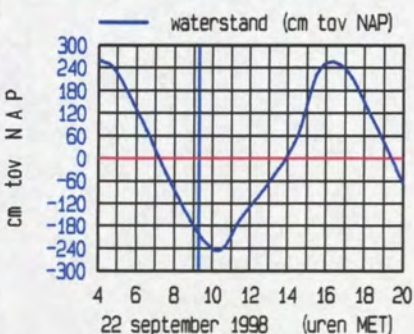
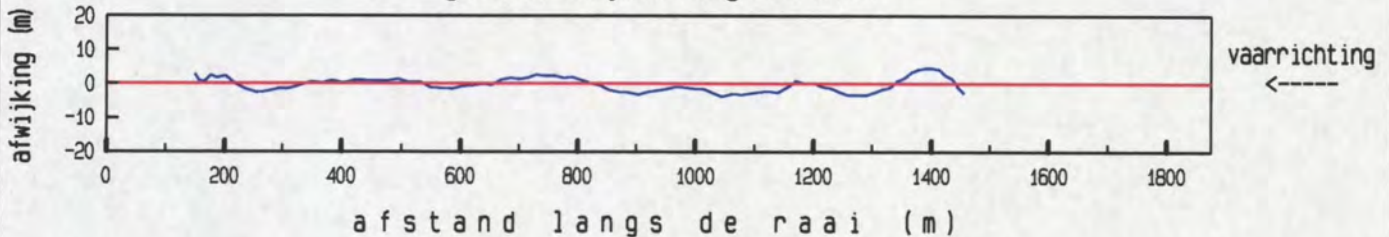
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 237 m  
 stroomsnelheid : 124 cm/sec  
 stroomrichting : 354 °

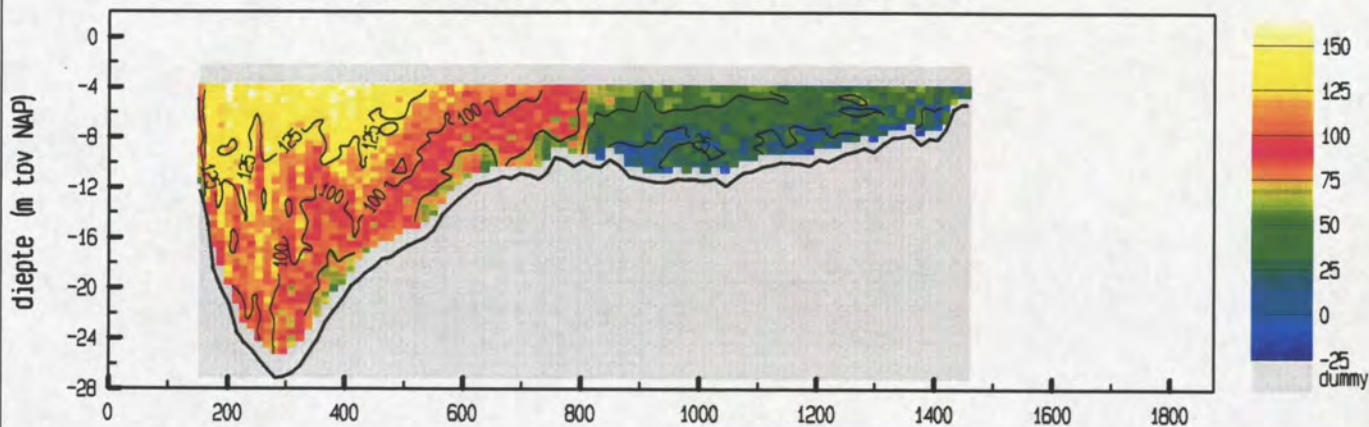
doorstroomoppervlak : 15035 m<sup>2</sup>  
 raaidebiet : 12102 m<sup>3</sup>/sec



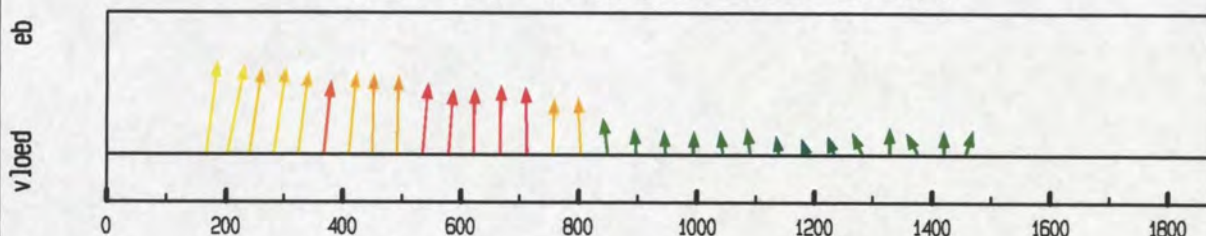




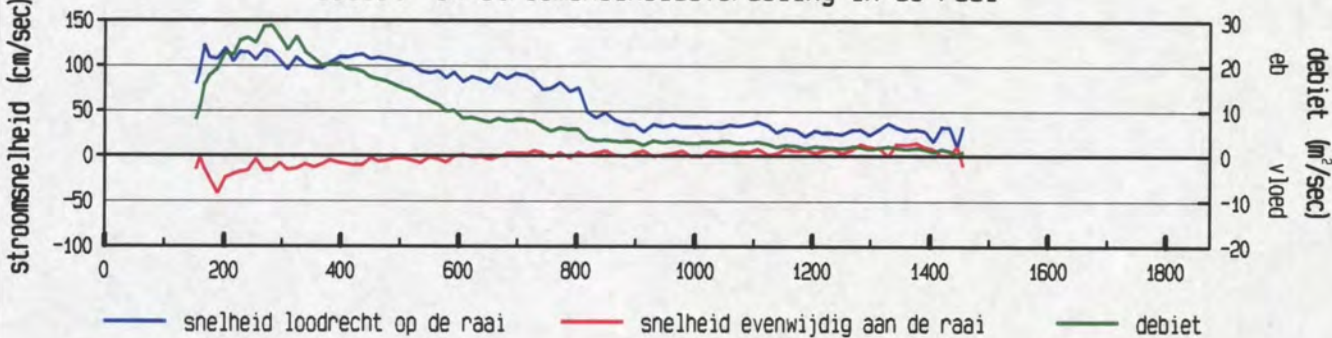
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



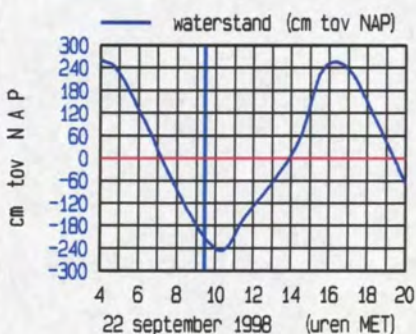
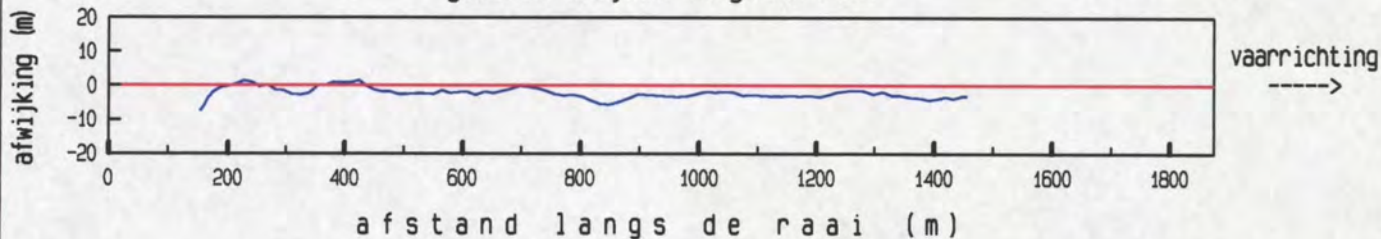
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 166 m  
 stroomsnelheid : 124 cm/sec  
 stroomrichting : 354 °

doorstroomoppervlak : 14998 m<sup>2</sup>  
 raaidebiet : 11755 m<sup>3</sup>/sec



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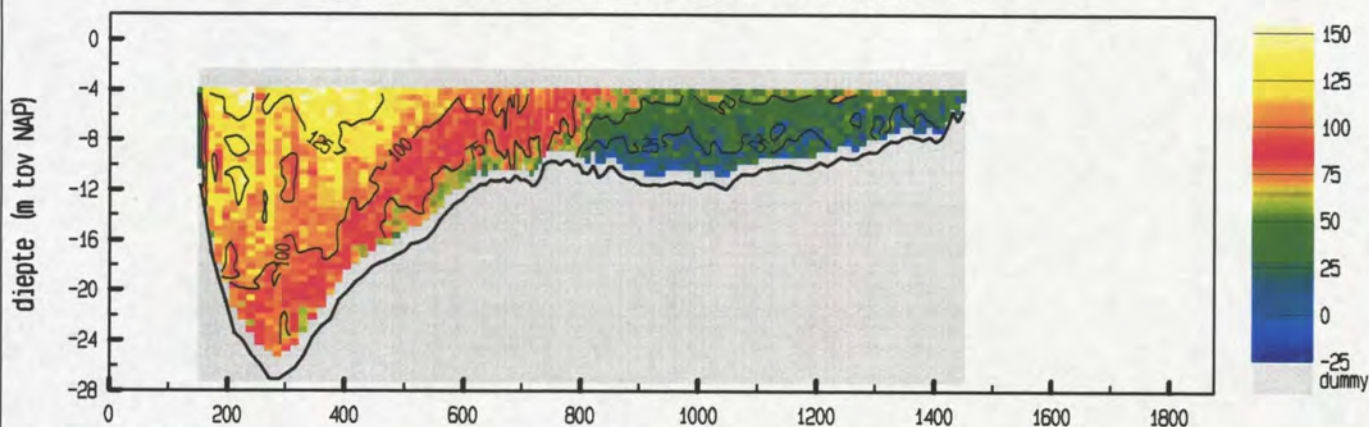
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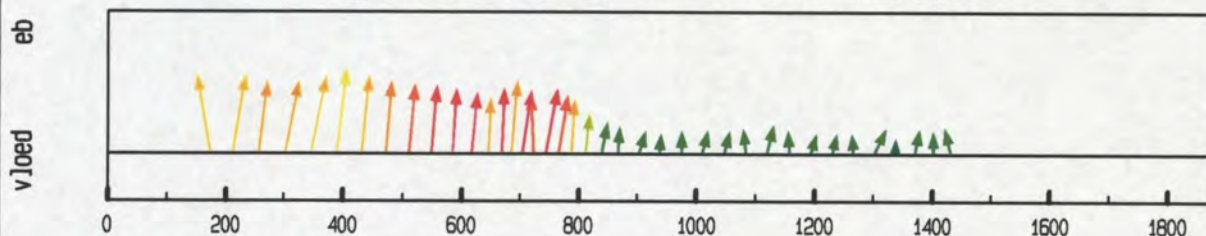
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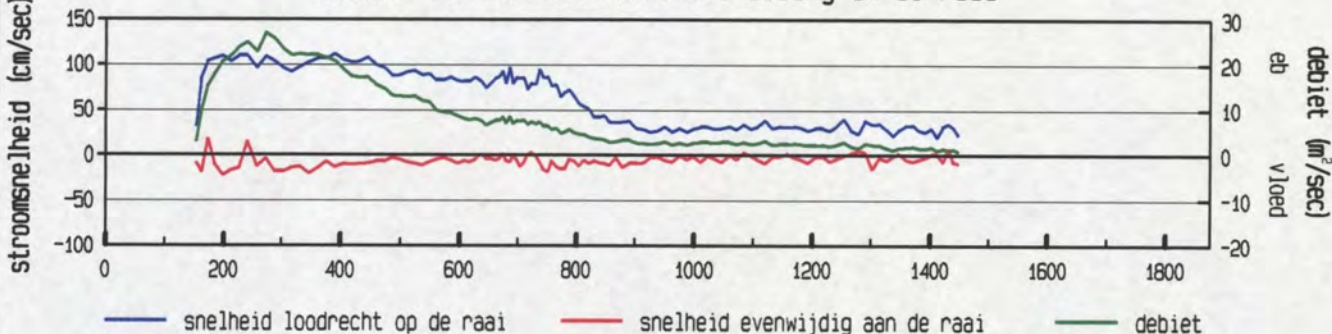
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



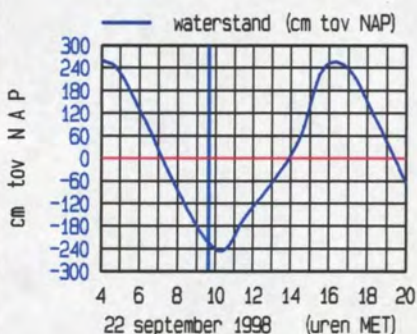
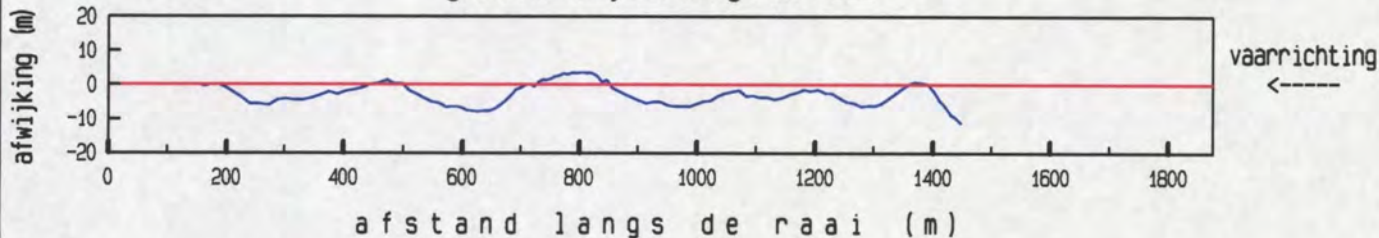
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

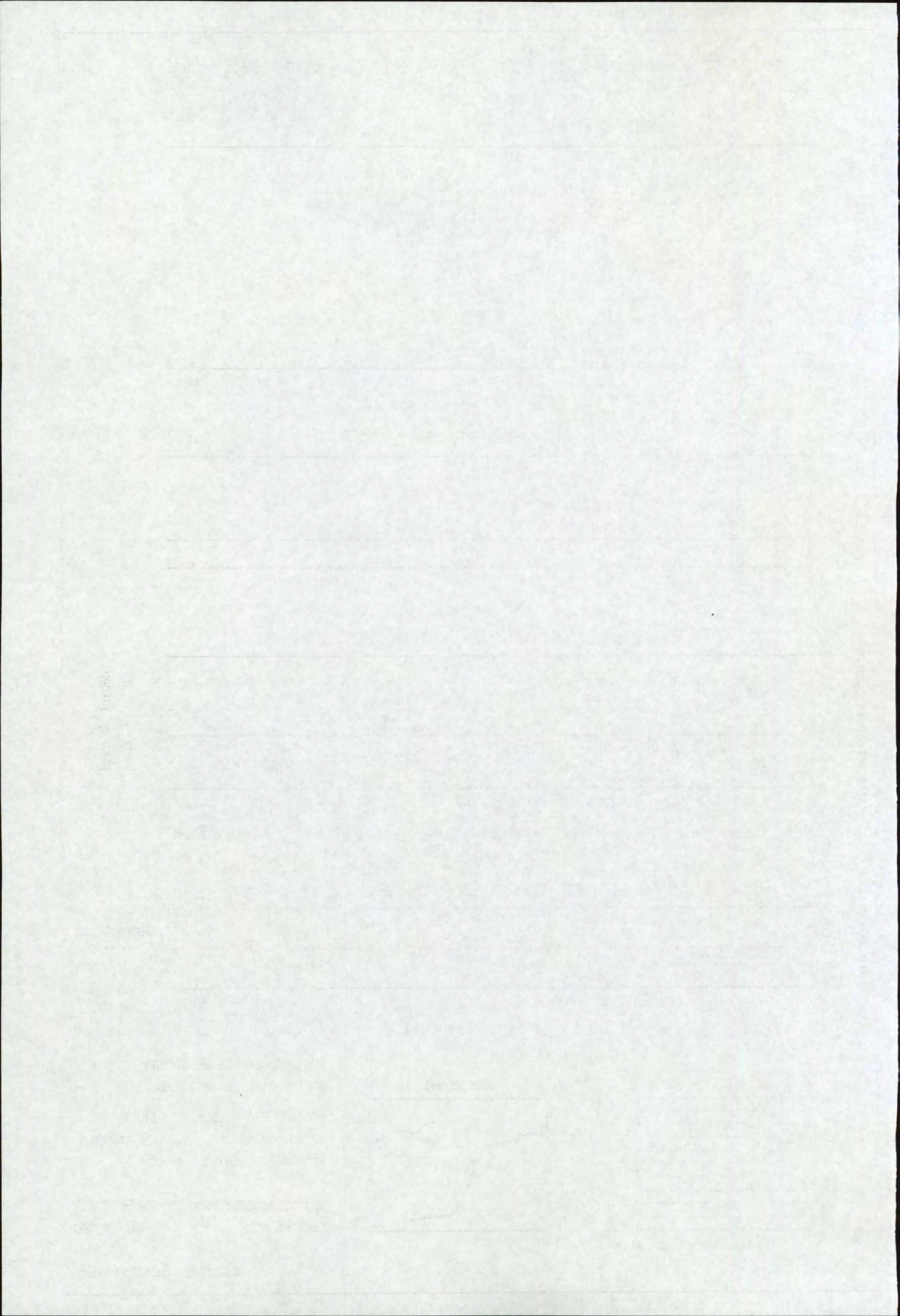


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 390 m  
 stroomsnelheid : 113 cm/sec  
 stroomrichting : 354 °

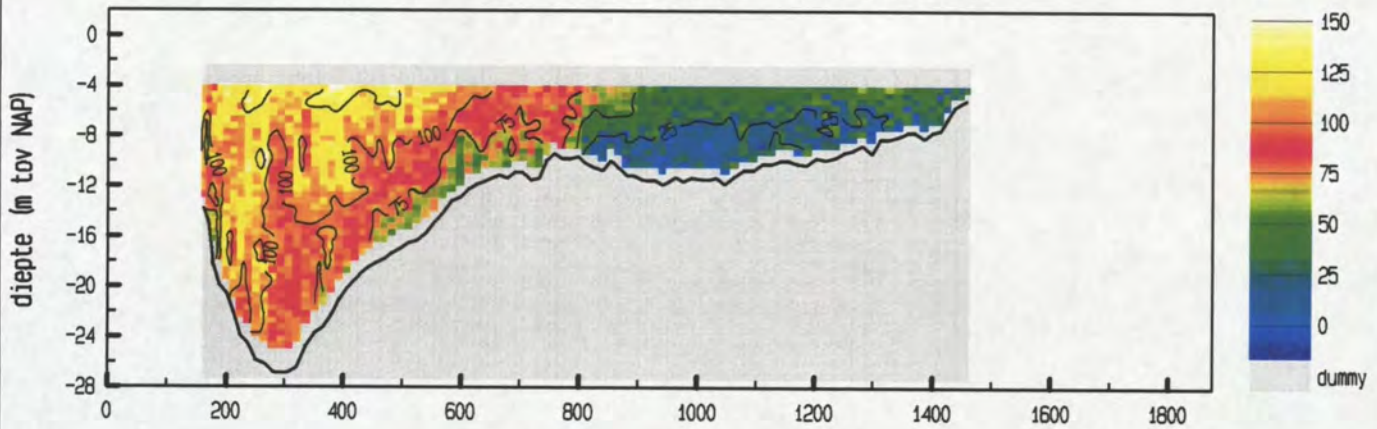
doorstroomoppervlak : 14795 m<sup>2</sup>  
 raaidebiet : 11017 m<sup>3</sup>/sec



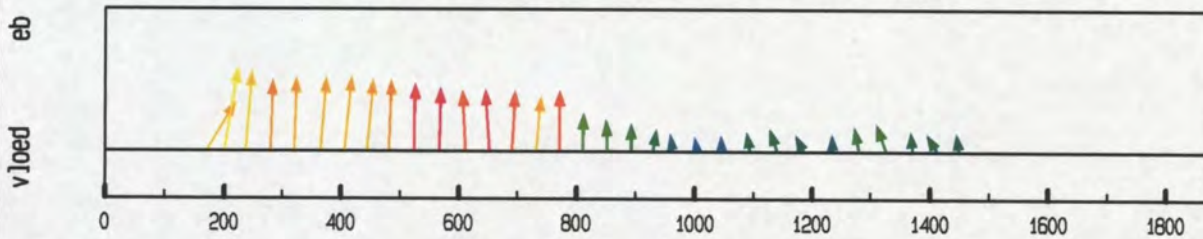




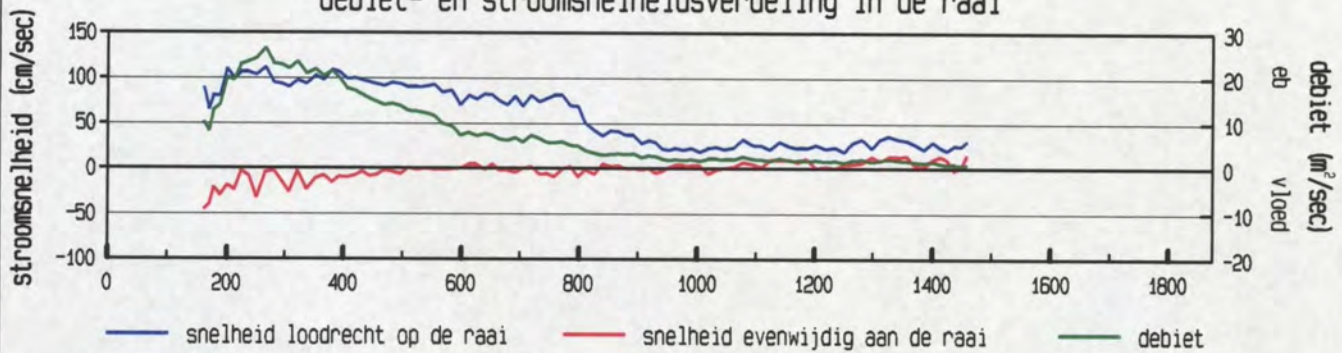
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



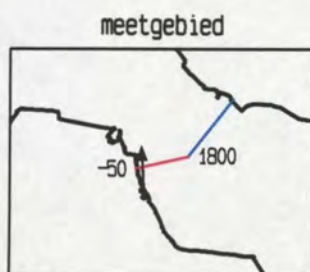
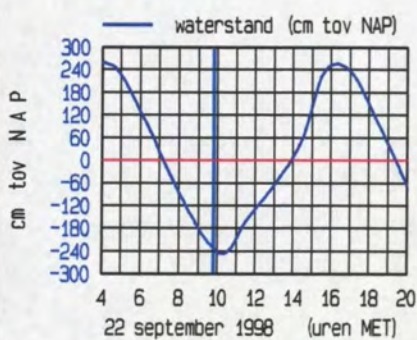
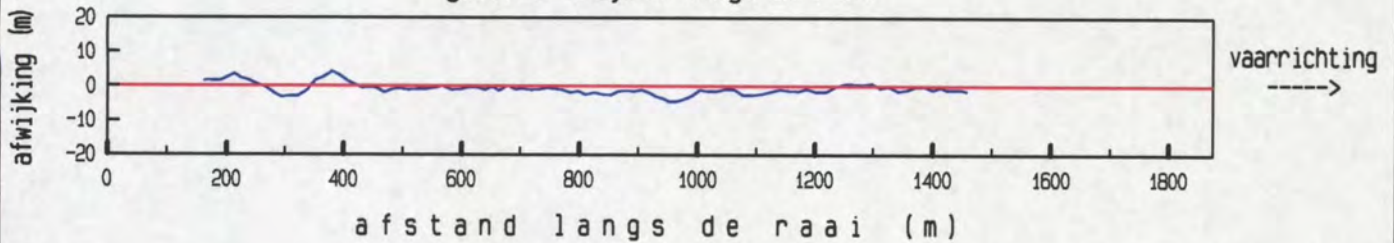
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

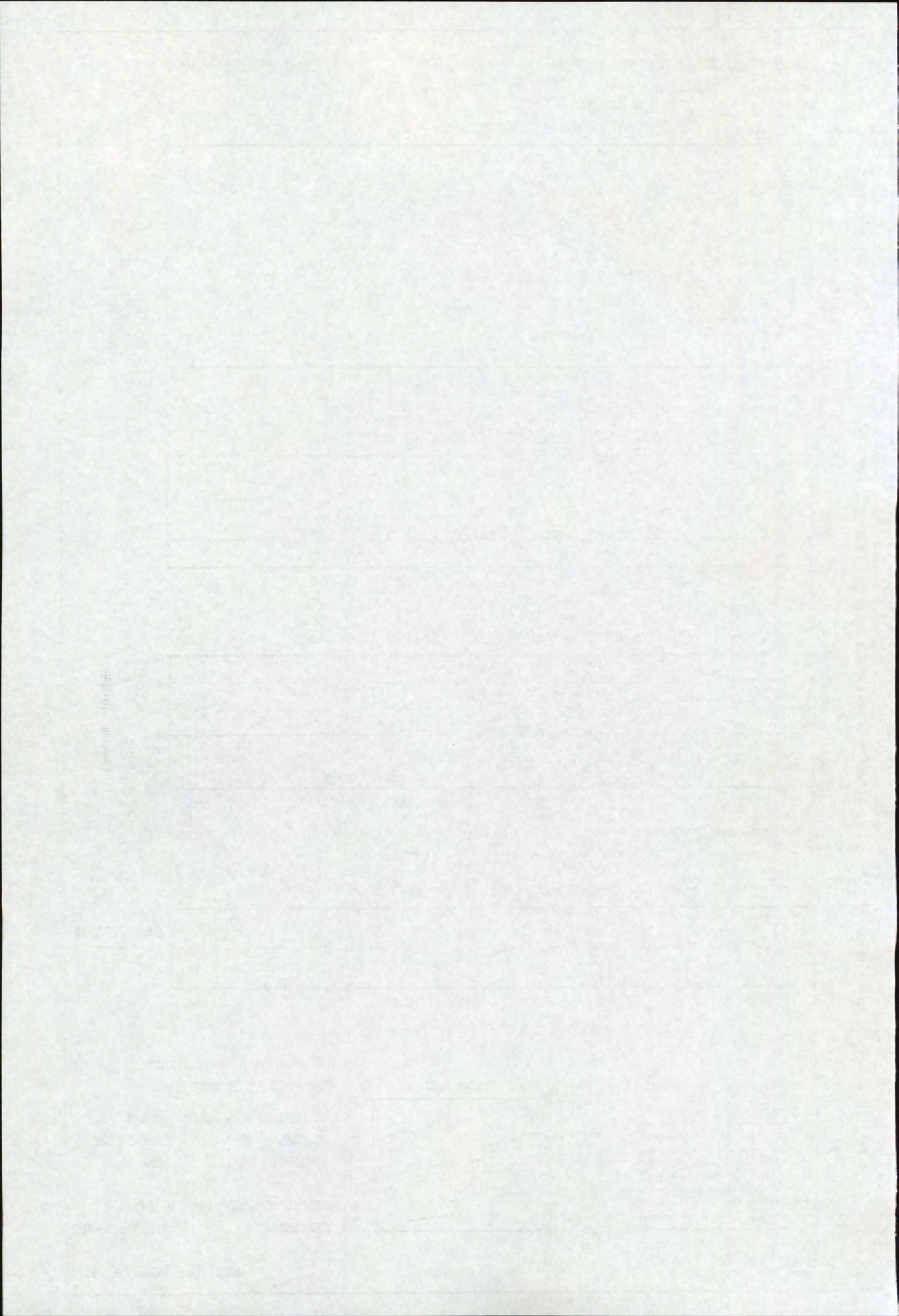


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 200 m  
 stroomsnelheid : 112 cm/sec  
 stroomrichting : 357°

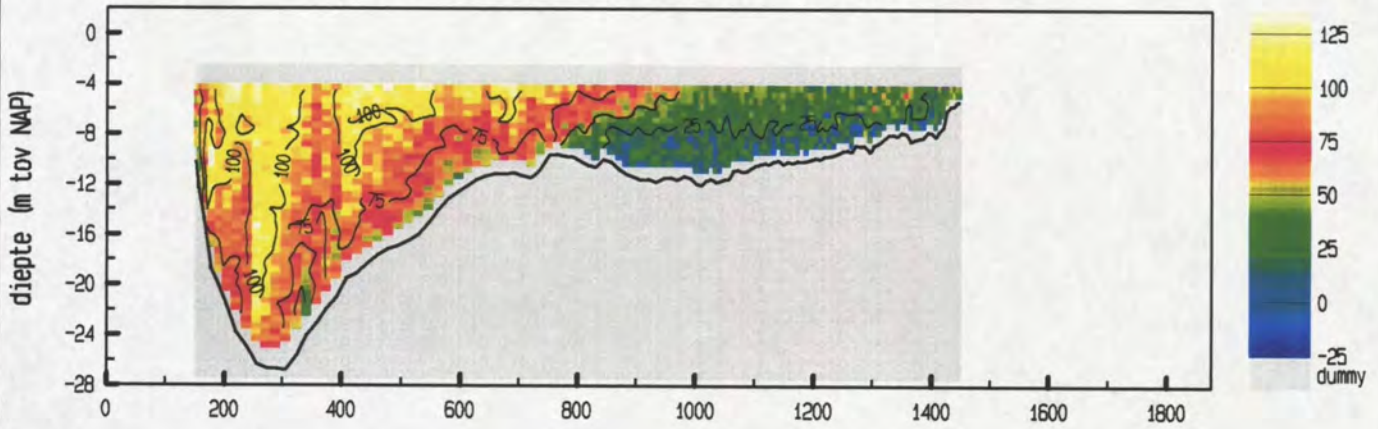
doorstroomoppervlak : 14608 m<sup>2</sup>  
 raaidebiet : 10356 m<sup>3</sup>/sec



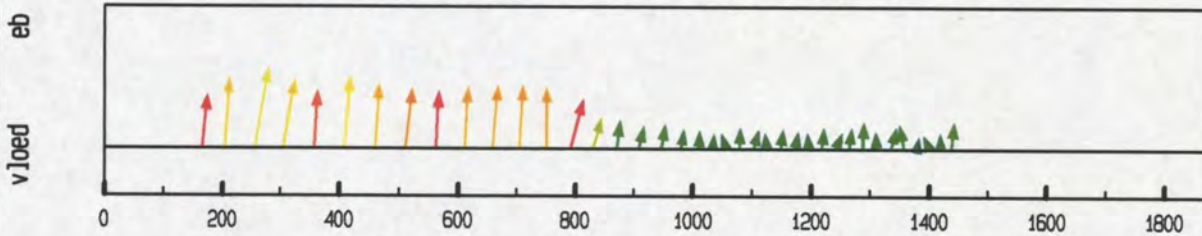




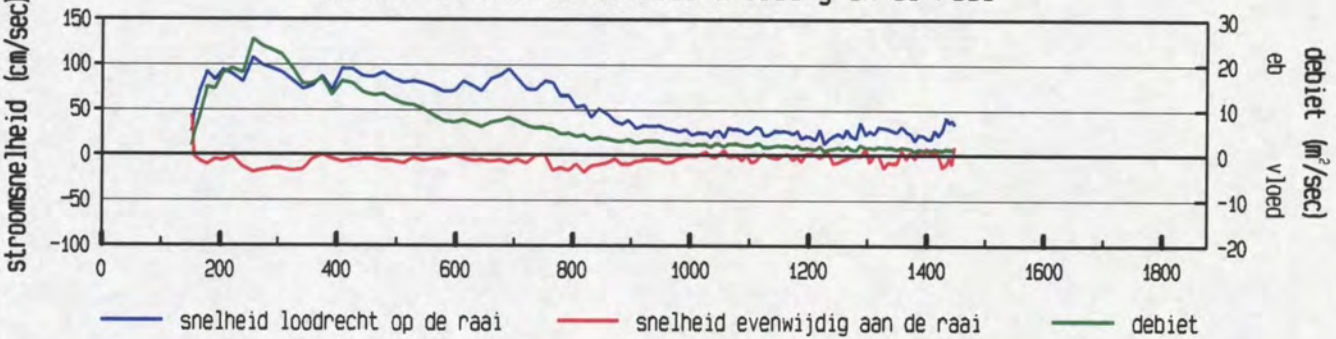
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



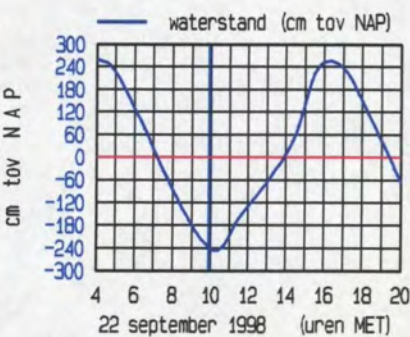
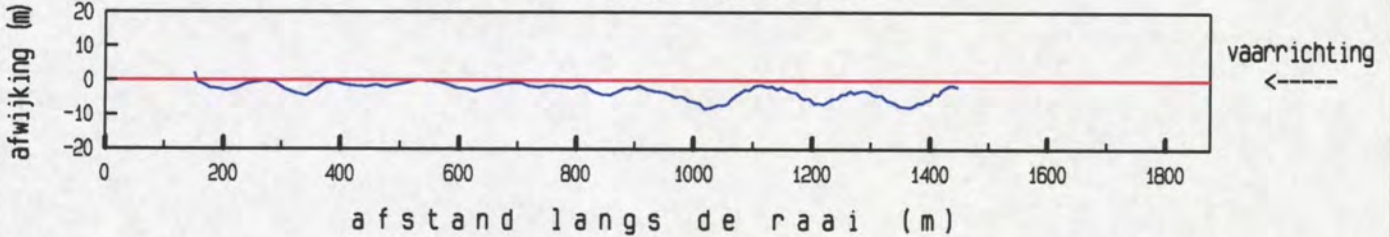
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

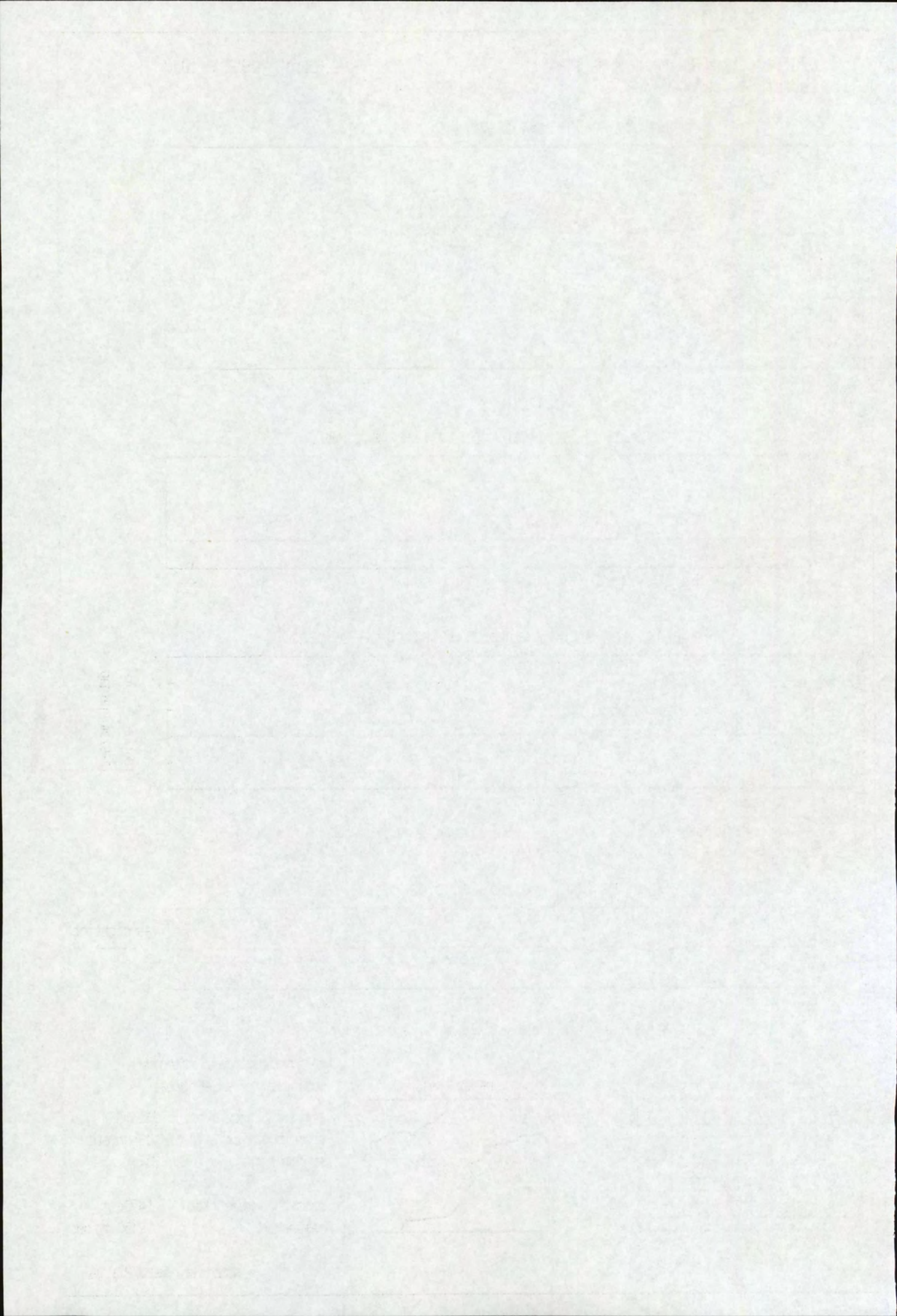


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 256 m  
 stroomsnelheid : 109 cm/sec  
 stroomrichting : 357 °

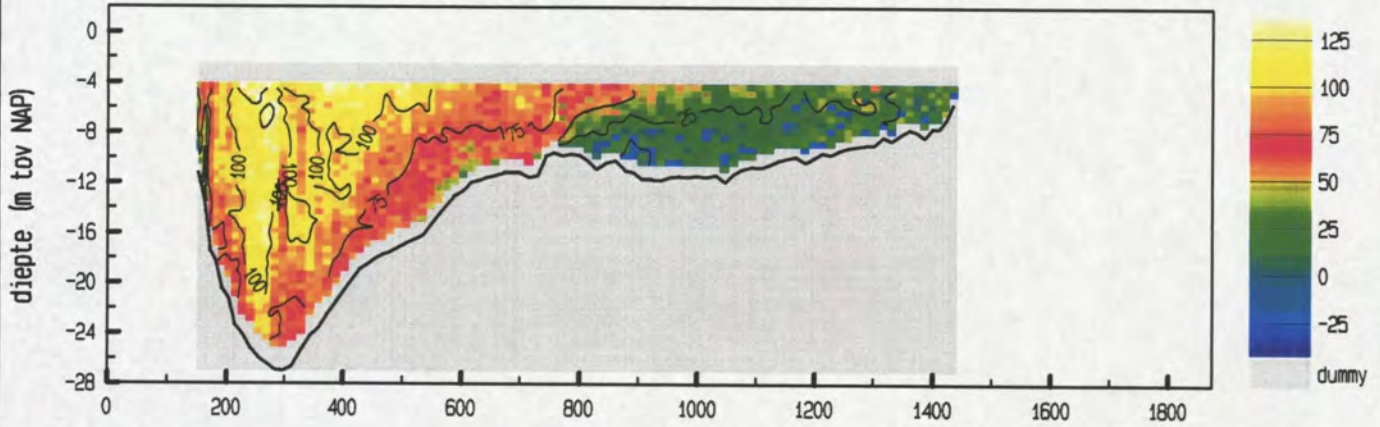
doorstroomoppervlak : 14536 m<sup>2</sup>  
 raaidebiet : 9558 m<sup>3</sup>/sec



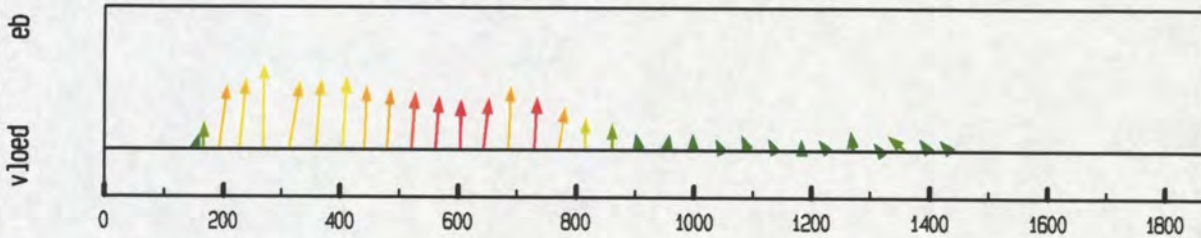




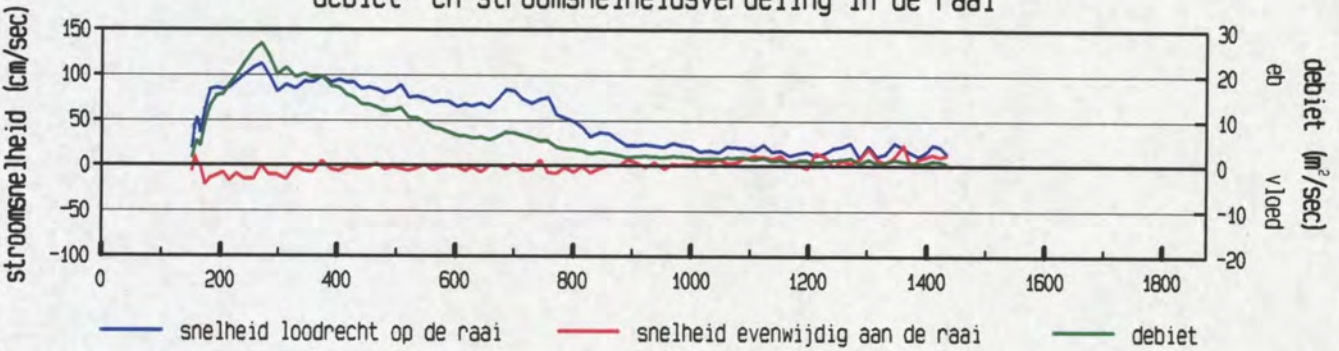
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



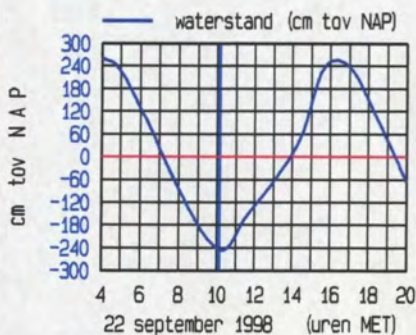
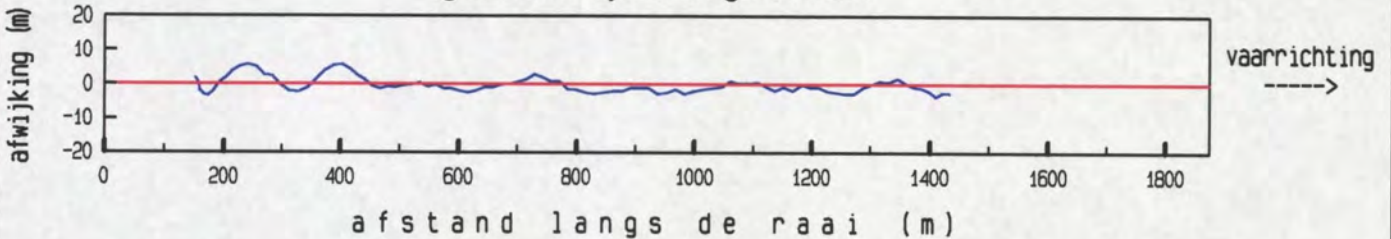
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 269 m  
 stroomsnelheid : 113 cm/sec  
 stroomrichting : 347 °

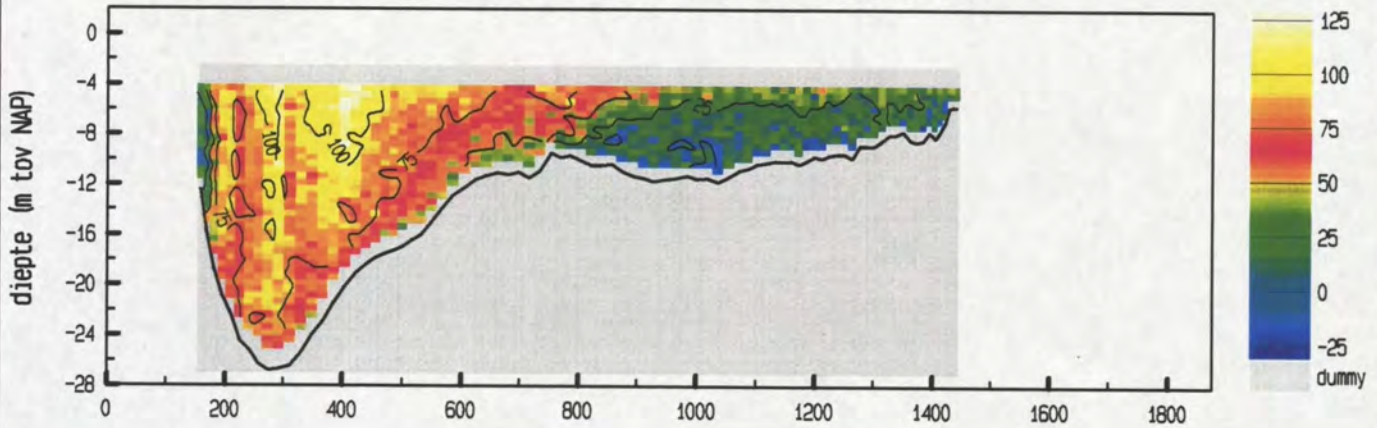
doorstroomoppervlak : 14529 m²  
 raaidebiet : 9180 m³/sec



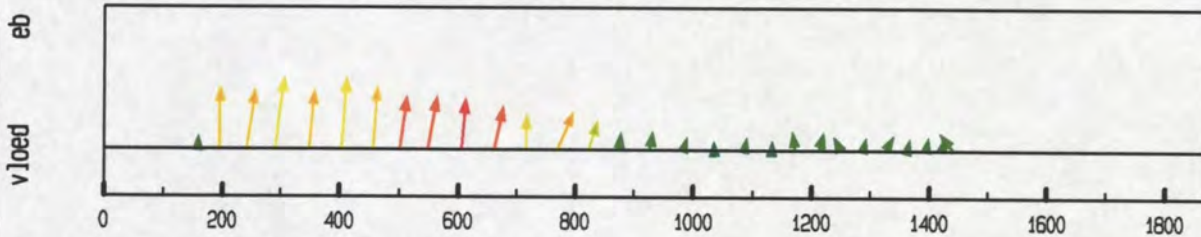




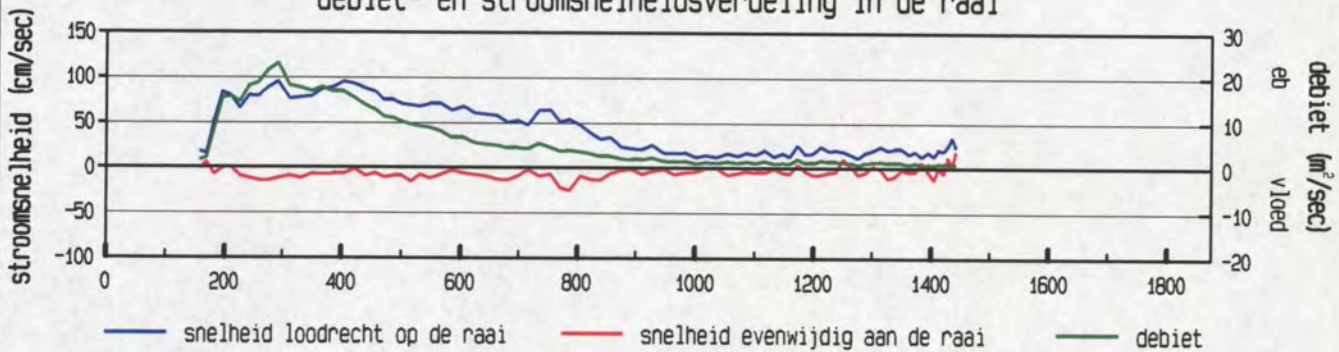
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



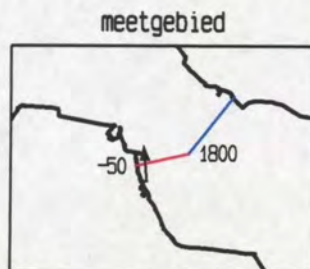
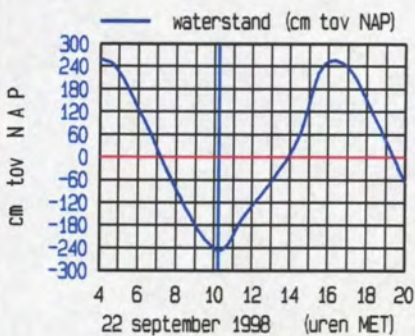
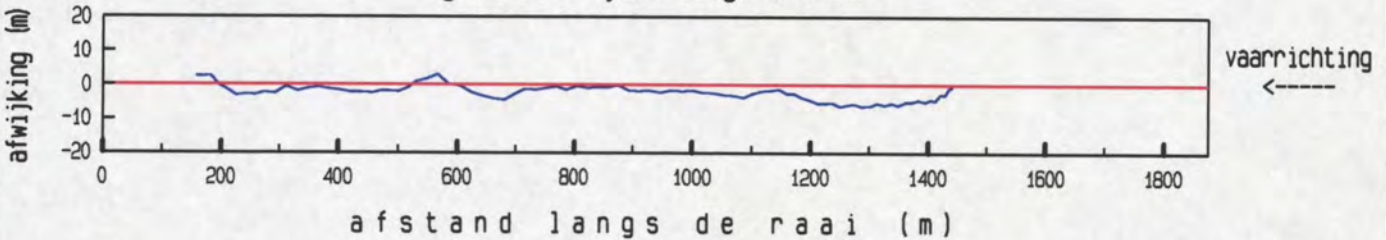
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 291 m  
 stroomsnelheid : 96 cm/sec  
 stroomrichting : 354°

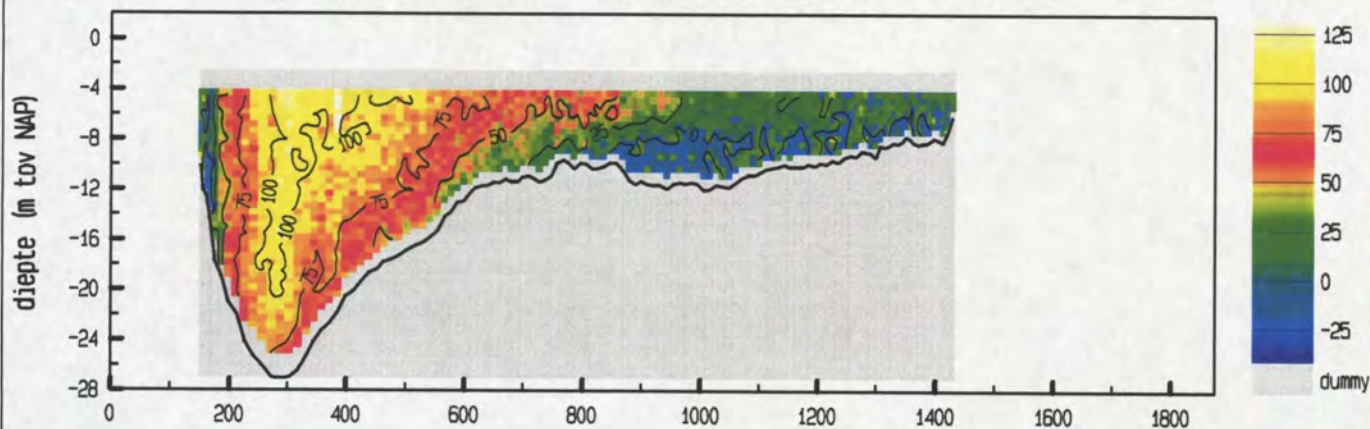
doorstroomoppervlak : 14429 m²  
 raaidebiet : 8063 m³/sec



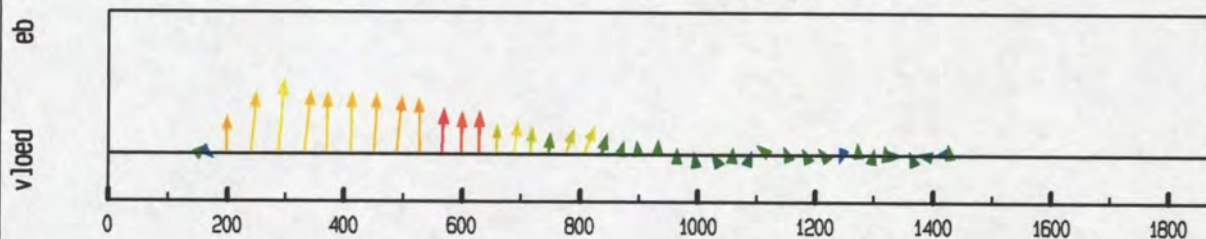
Copyright © 1994



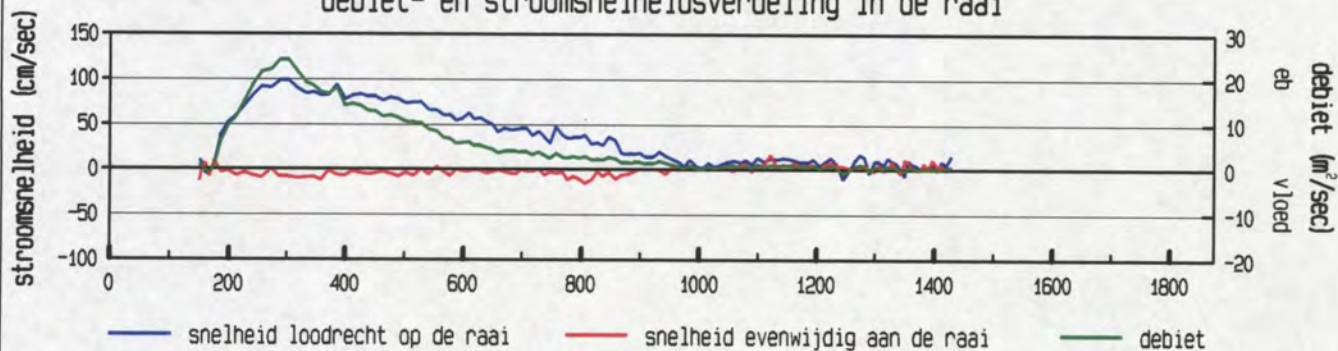
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



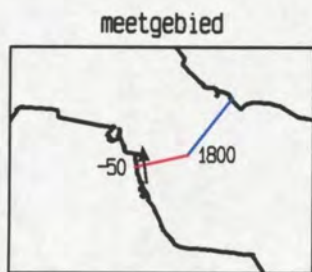
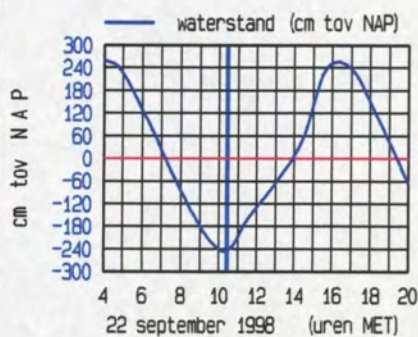
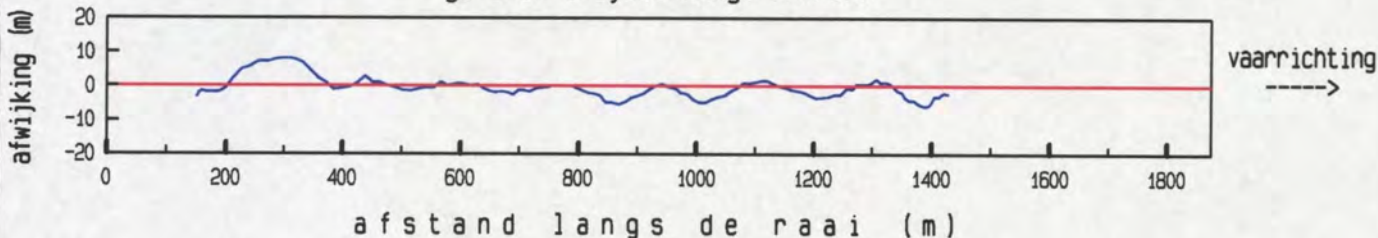
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 287 m  
 stroomsnelheid : 99 cm/sec  
 stroomrichting : 352°

doorstroomoppervlak : 14564 m<sup>2</sup>  
 raaidebiet : 7377 m<sup>3</sup>/sec



1000

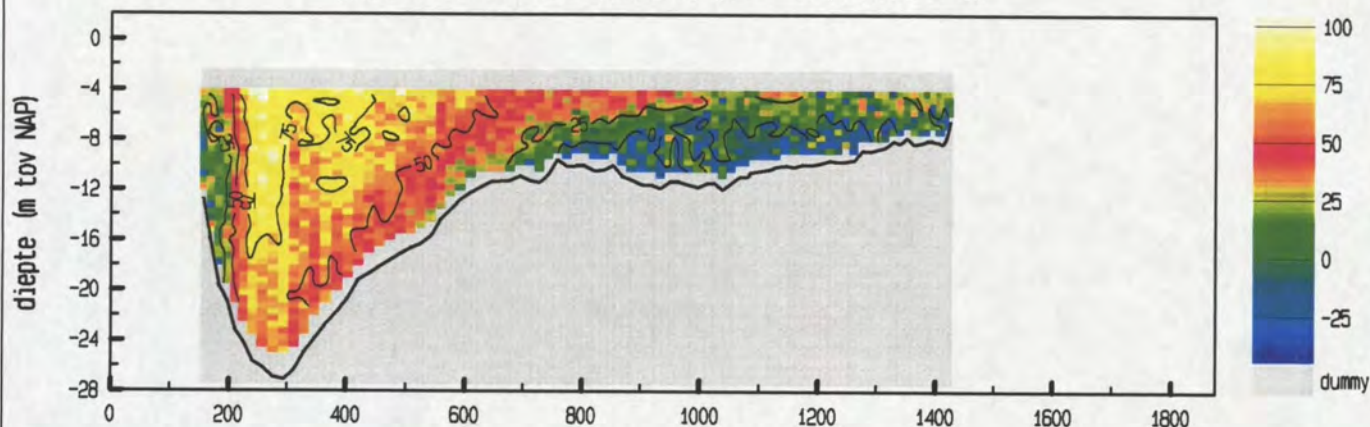
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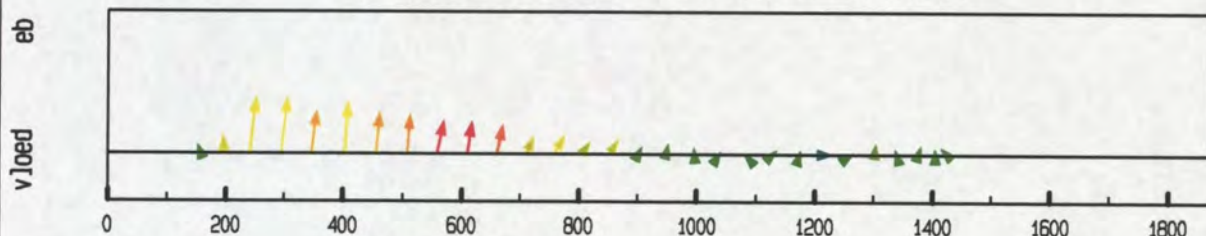
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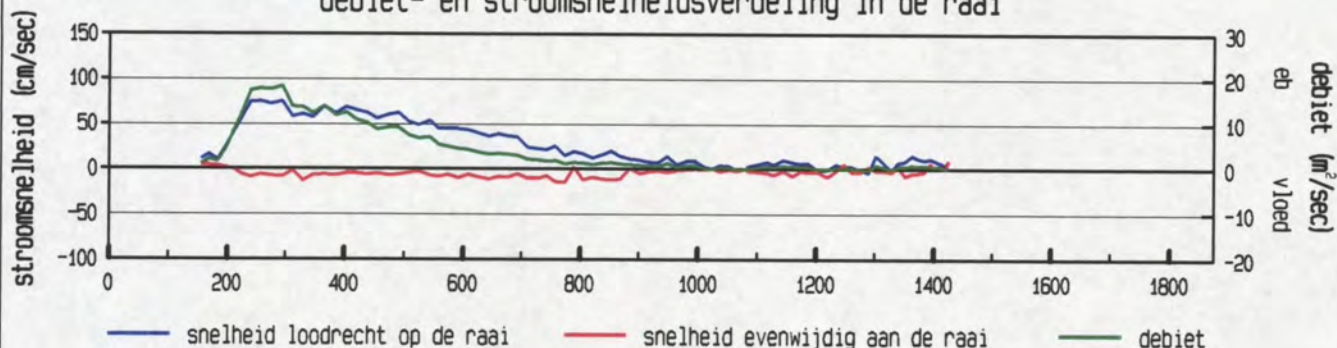
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



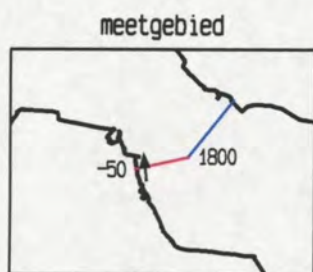
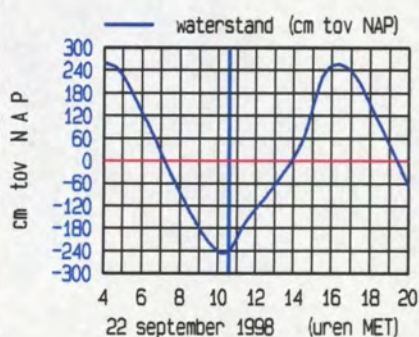
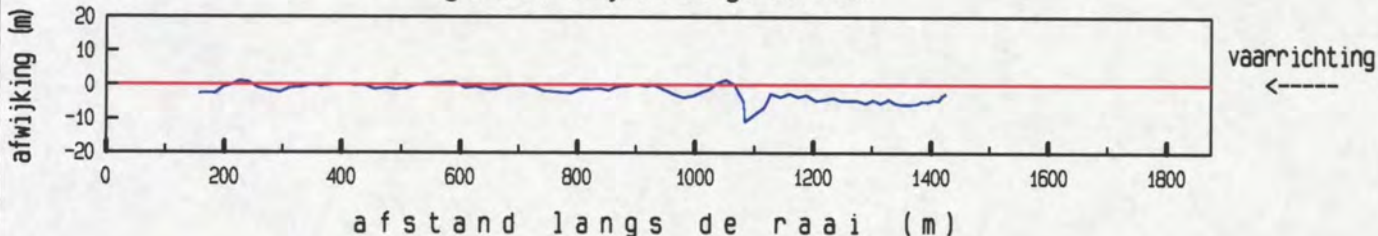
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 295 m  
 stroomsnelheid : 75 cm/sec  
 stroomrichting : 354 °

doorstroomoppervlak : 14573 m²  
 raadebiet : 5433 m³/sec



1000

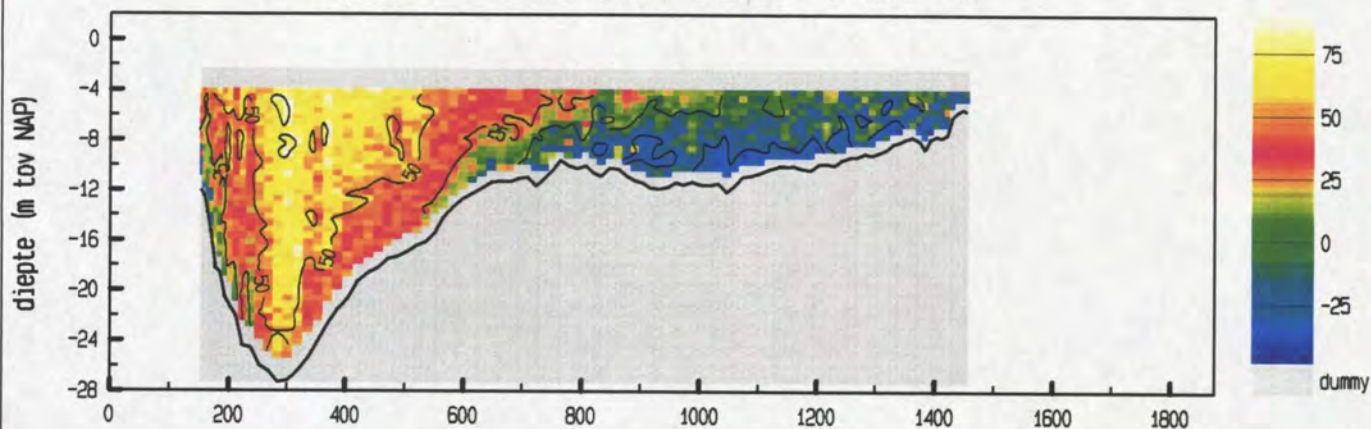
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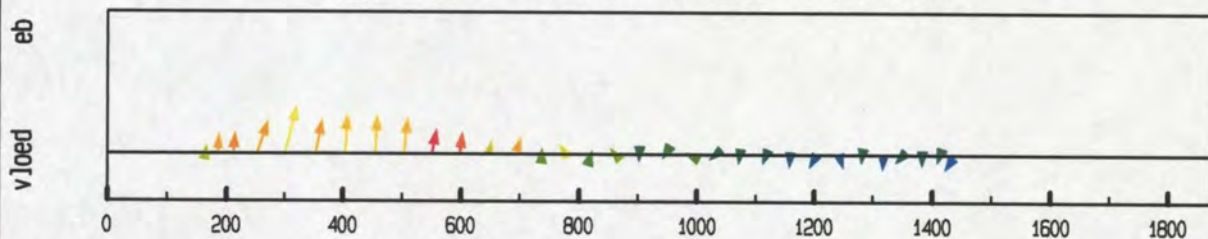
[Faint, illegible text and markings on a lined page]



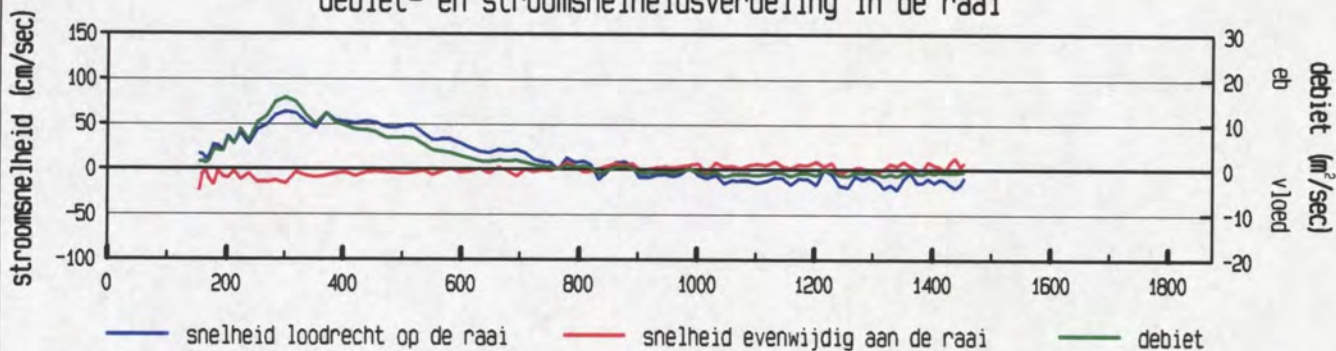
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



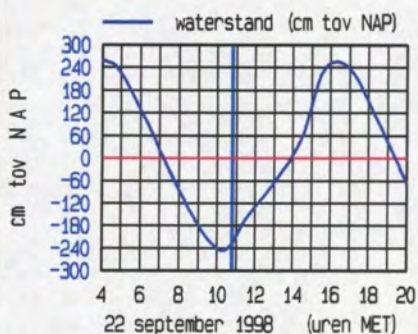
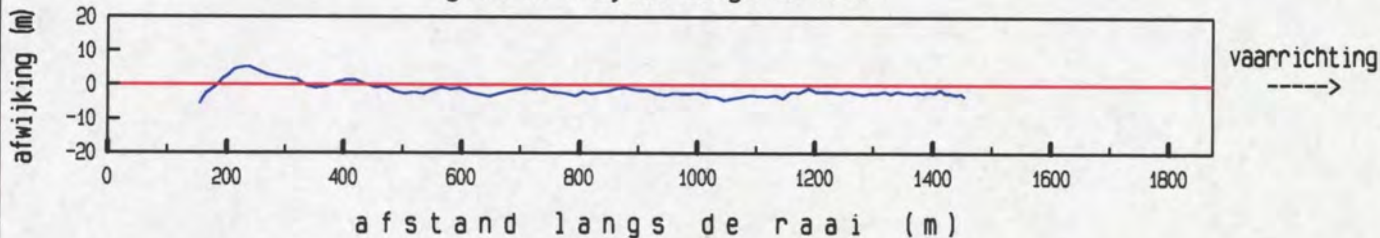
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 301 m  
 stroomsnelheid : 66 cm/sec  
 stroomrichting : 1°

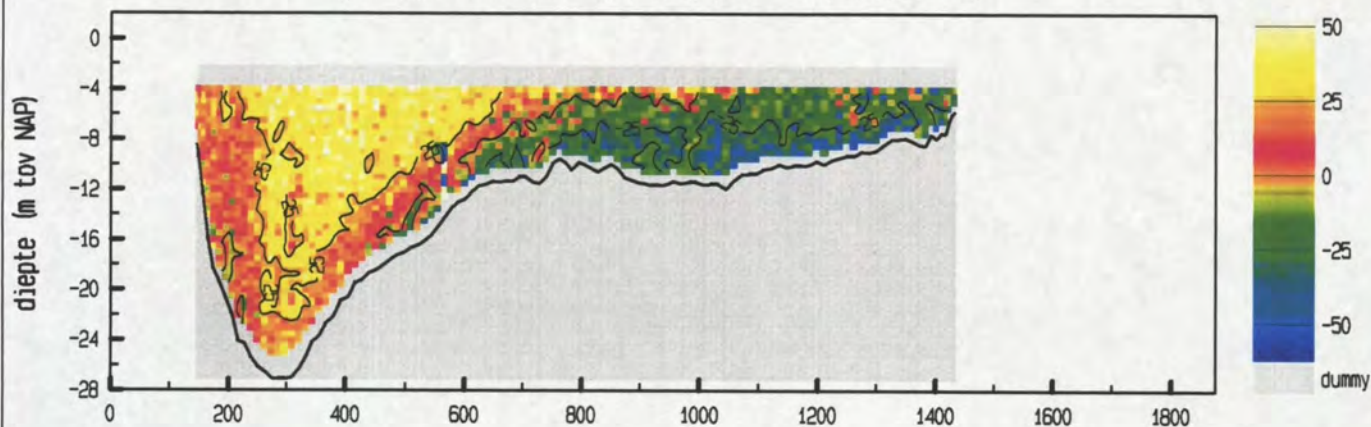
doorstroomoppervlak : 14884 m<sup>2</sup>  
 raaidebiet : 3585 m<sup>3</sup>/sec



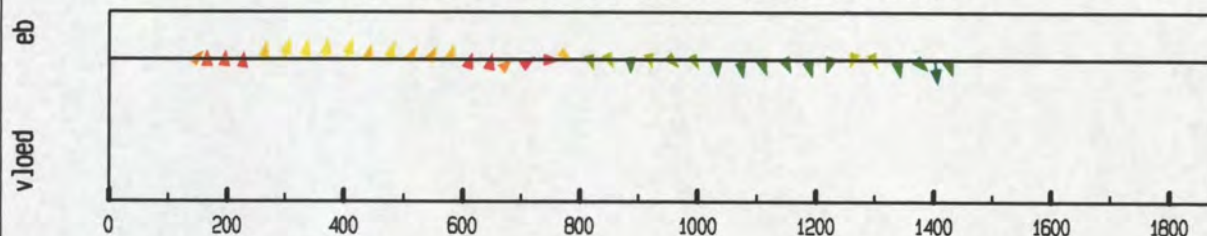




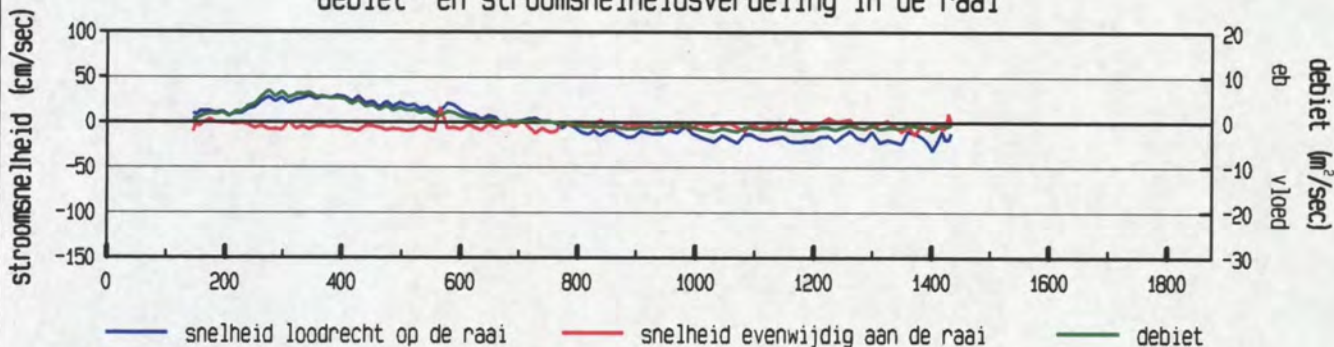
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



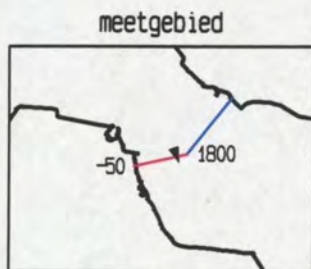
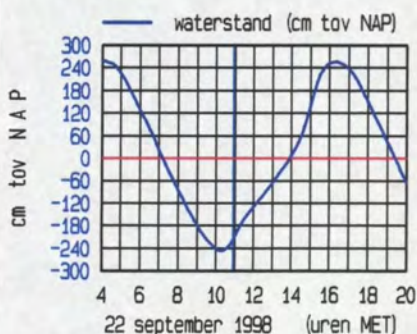
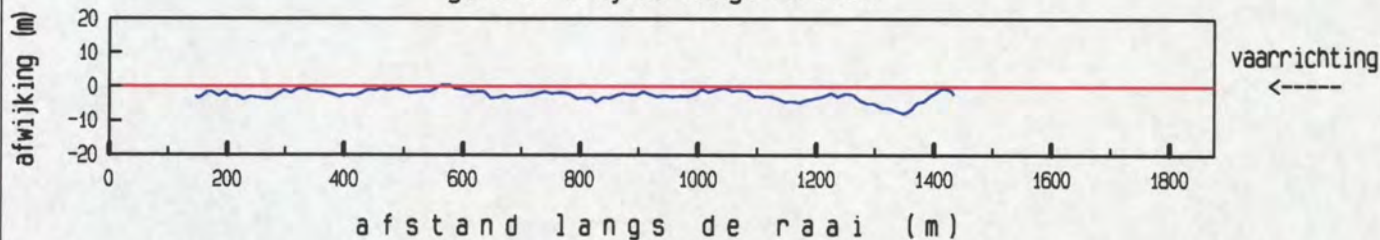
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

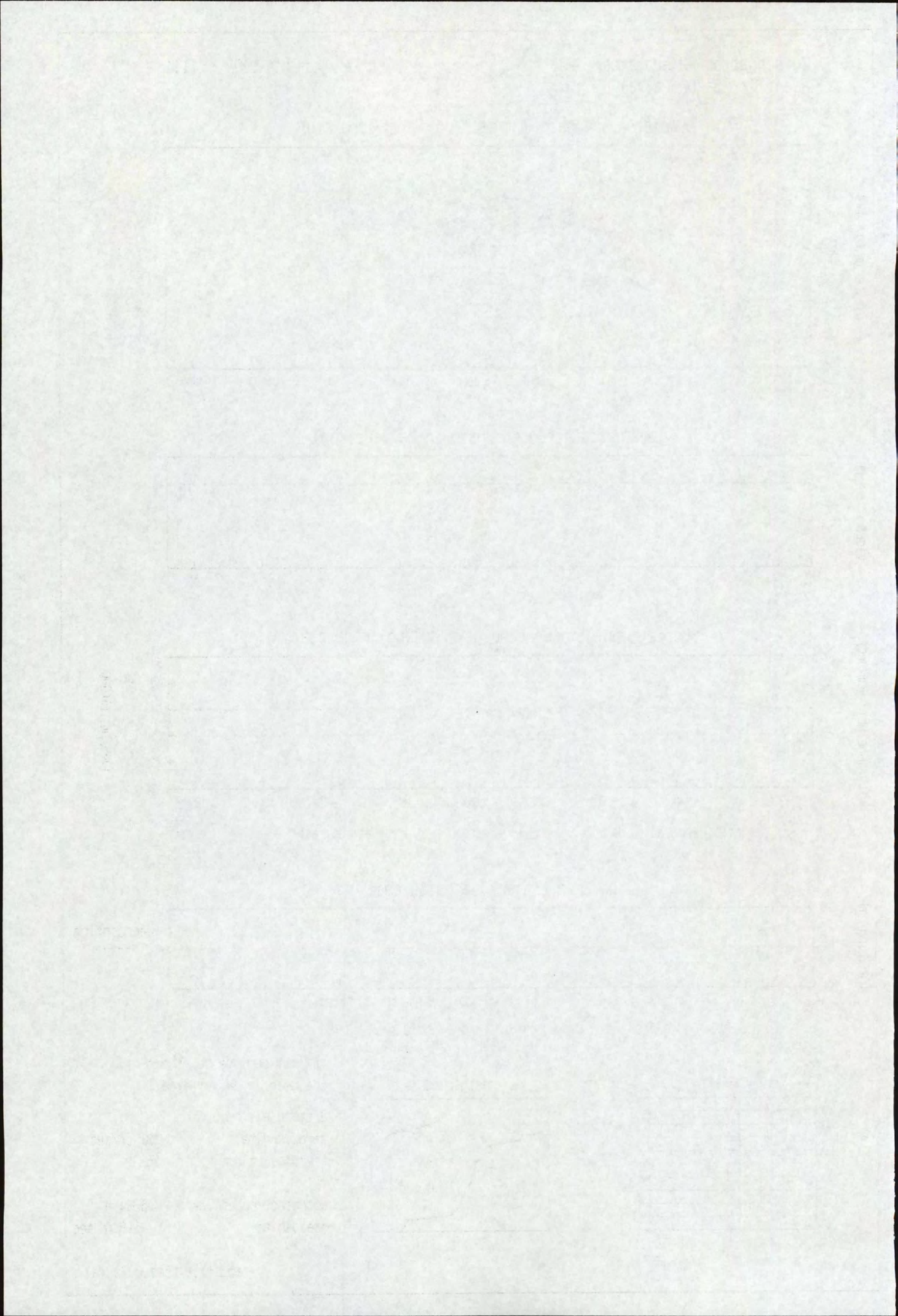


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1401 m  
 stroomsnelheid : 32 cm/sec  
 stroomrichting : 159 °

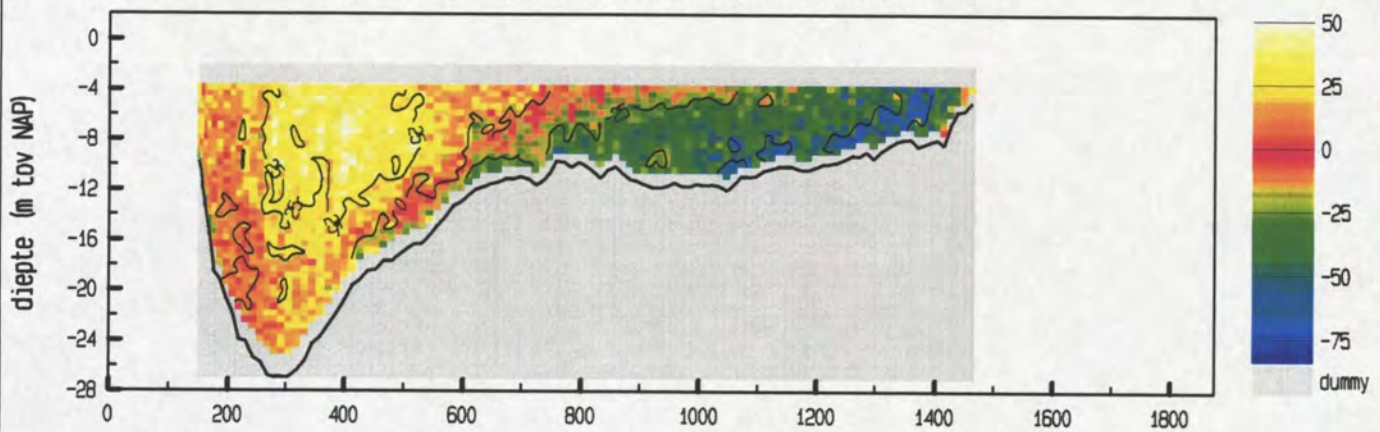
doorstroomoppervlak : 15027 m<sup>2</sup>  
 raaidebiet : 928 m<sup>3</sup>/sec



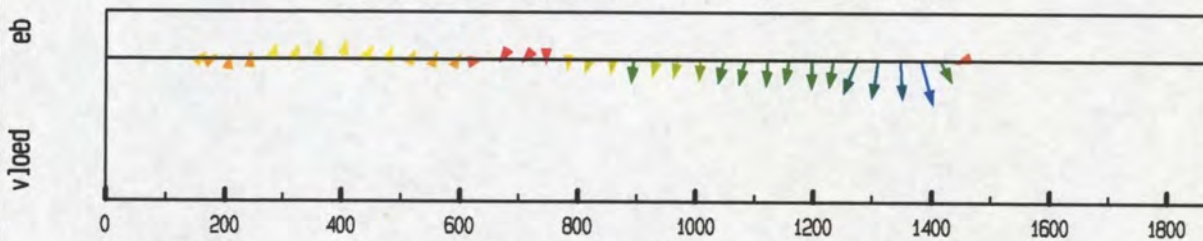




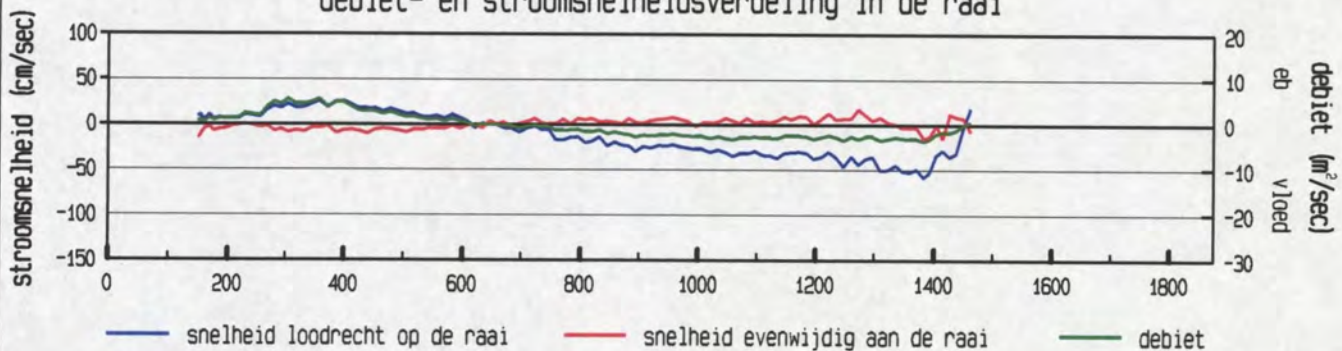
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



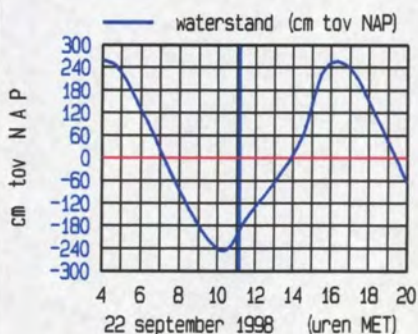
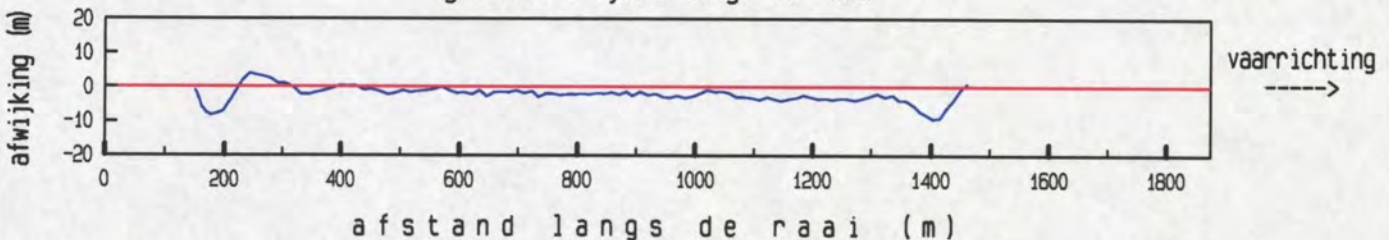
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1383 m  
 stroomsnelheid : 60 cm/sec  
 stroomrichting : 153°

doorstroomoppervlak : 15364 m<sup>2</sup>  
 raaidebiet : -513 m<sup>3</sup>/sec

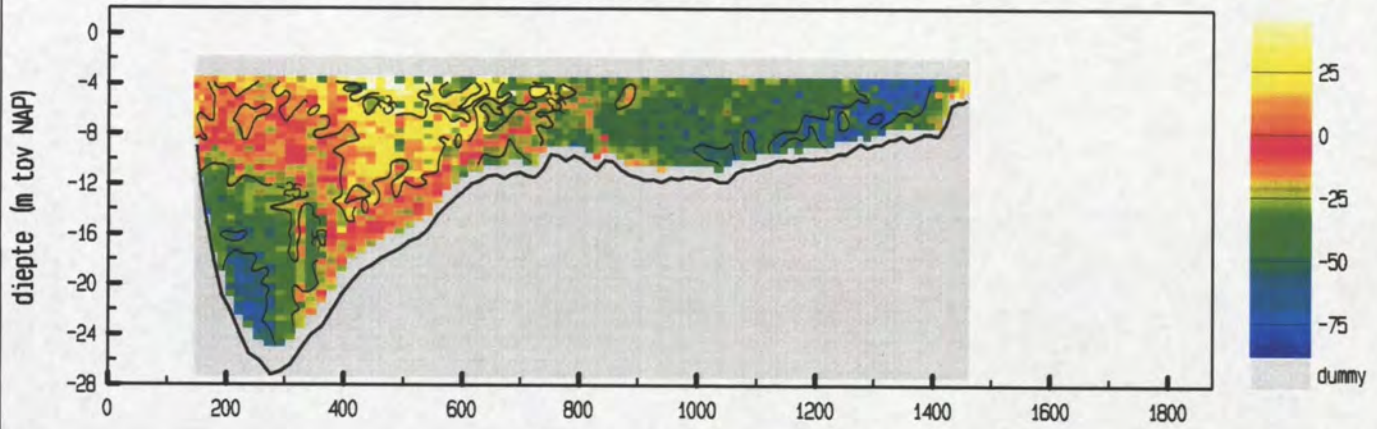


Vertical text on the left margin

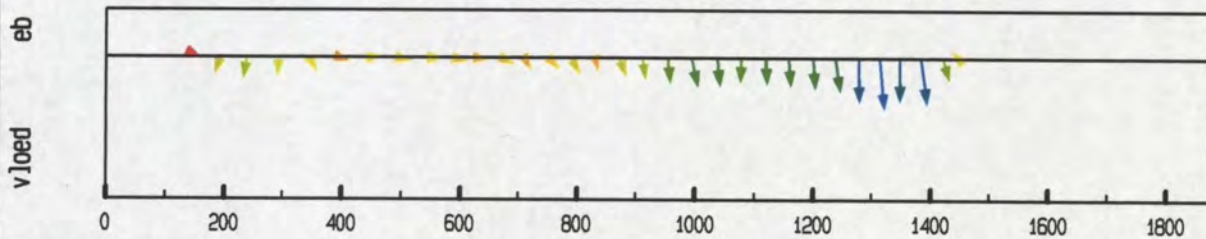
Faint text at the bottom left corner



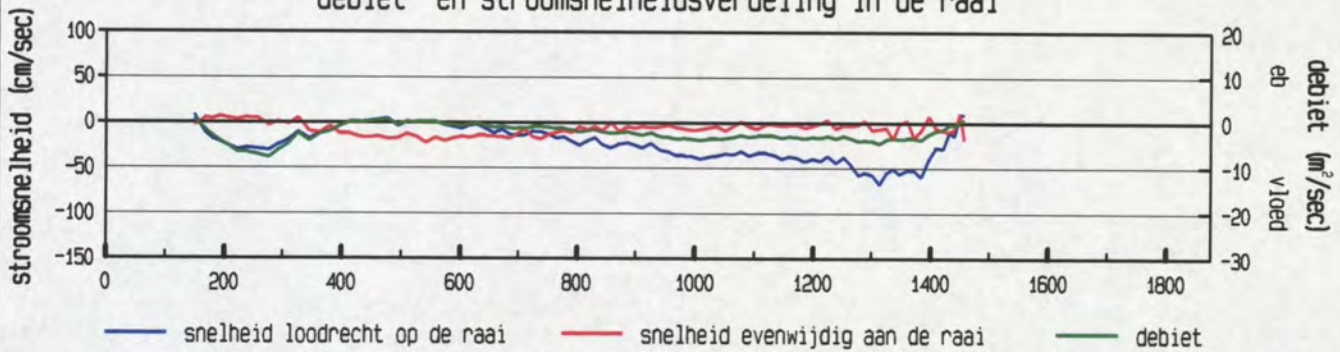
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



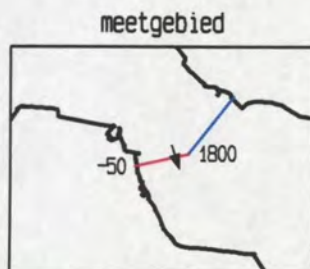
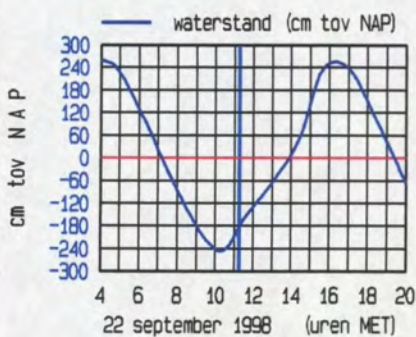
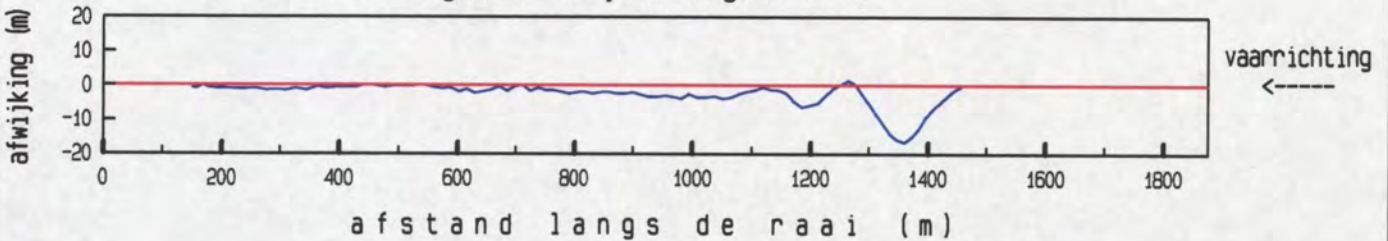
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1313 m  
 stroomsnelheid : 68 cm/sec  
 stroomrichting : 162°

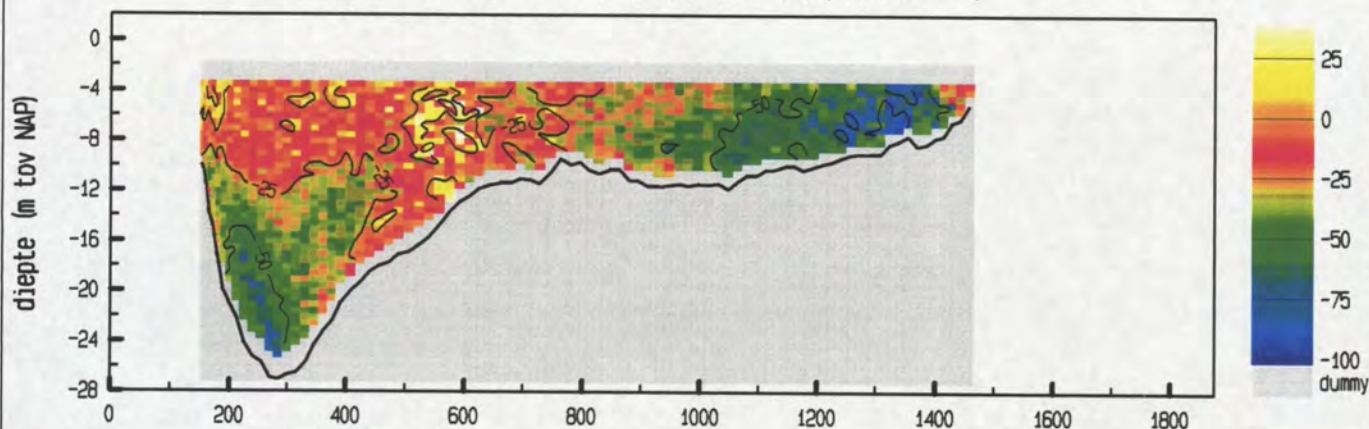
doorstroomoppervlak : 15454 m²  
 raaidebiet : -3155 m³/sec



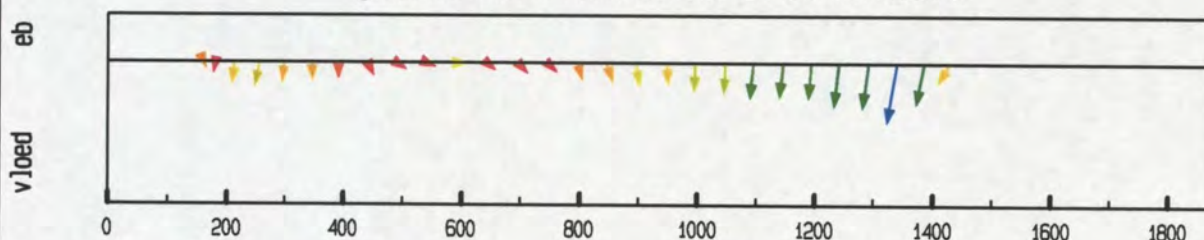
1000 1000 1000



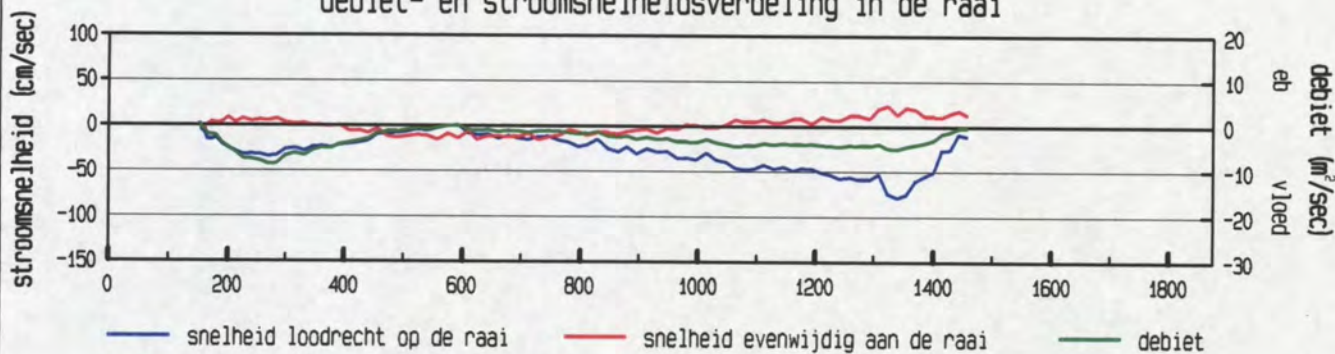
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



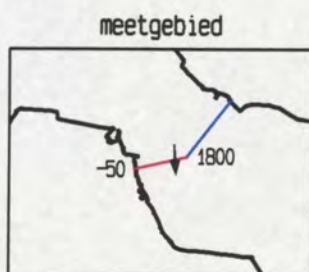
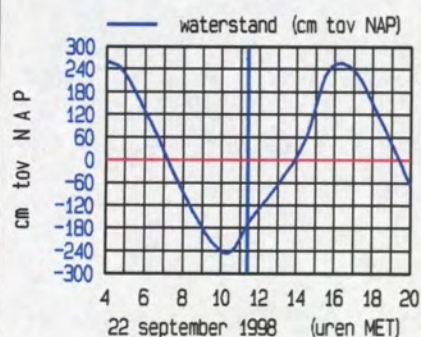
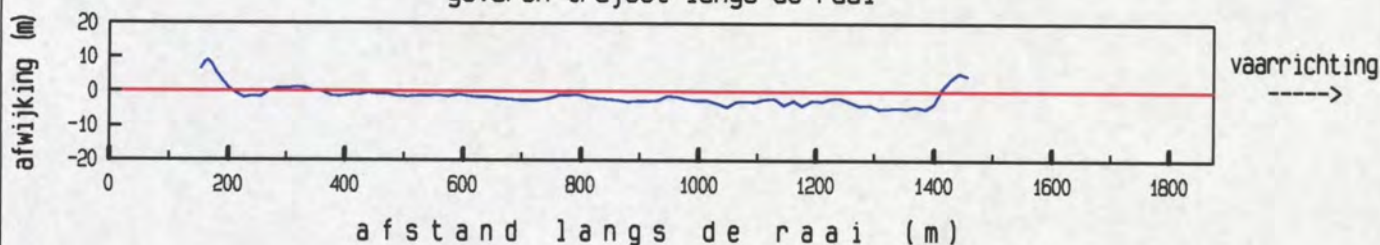
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

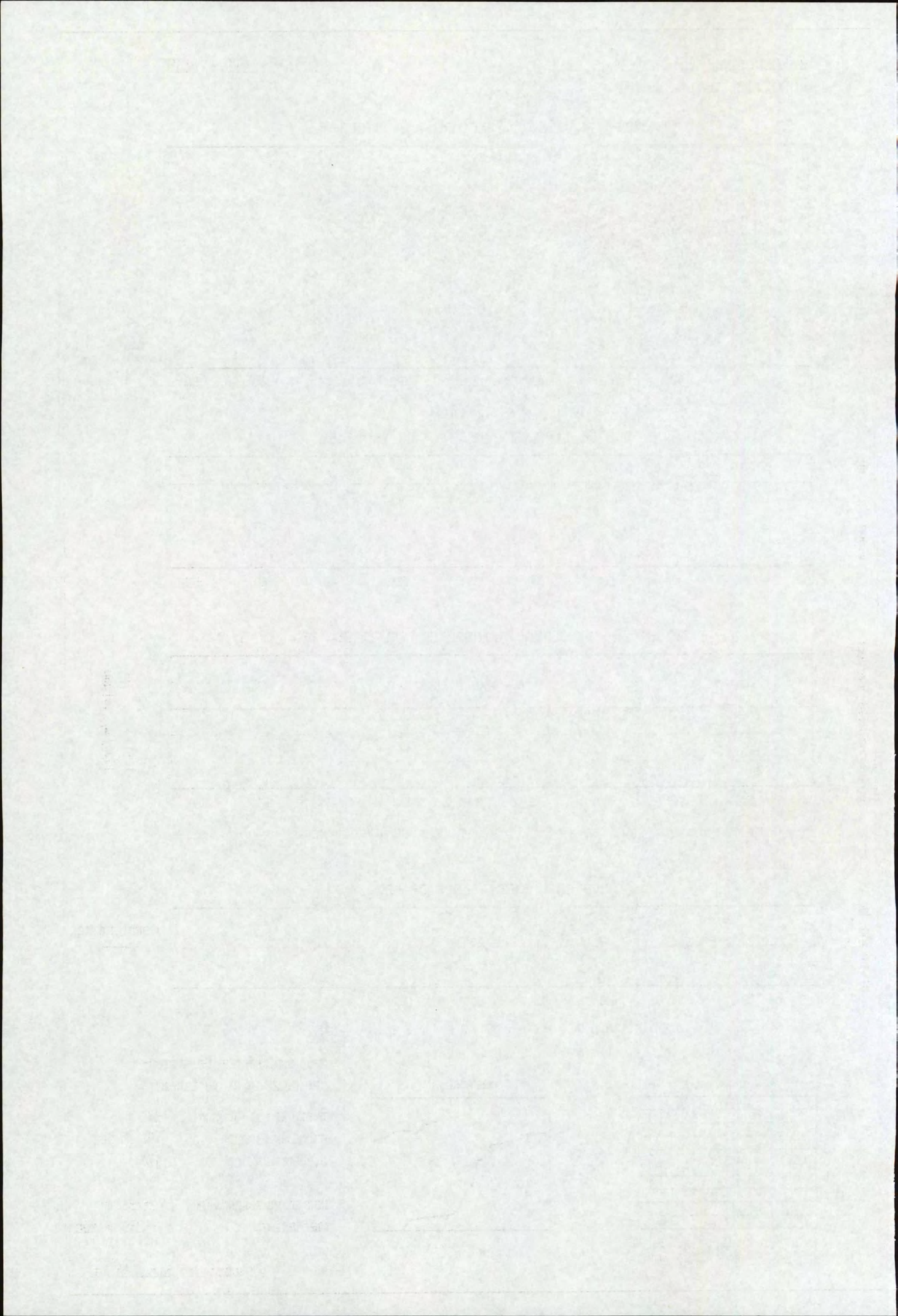


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1340 m  
 stroomsnelheid : 80 cm/sec  
 stroomrichting : 177°

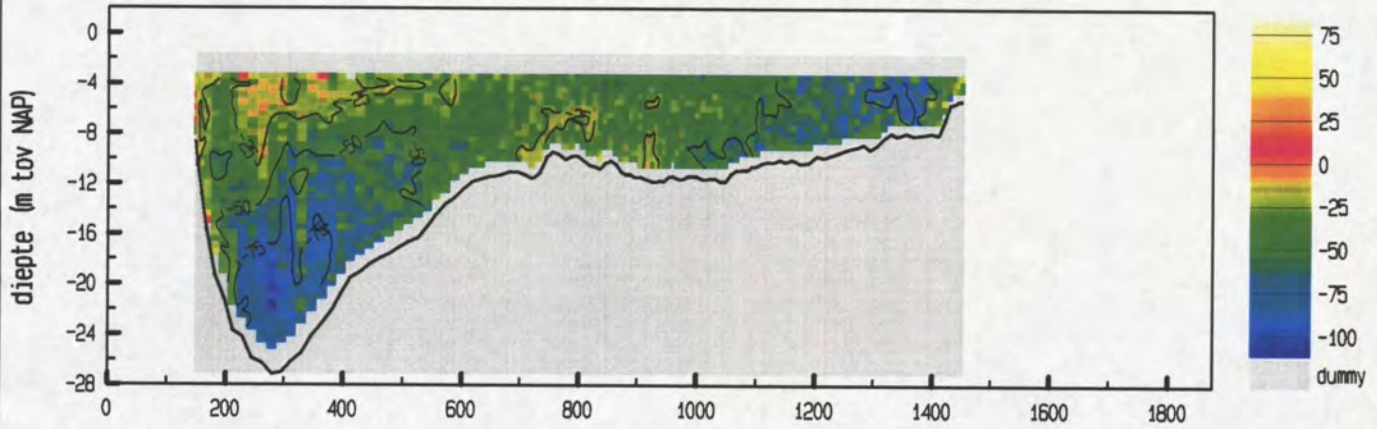
doorstroomoppervlak : 15550 m²  
 raadebiet : -4120 m³/sec



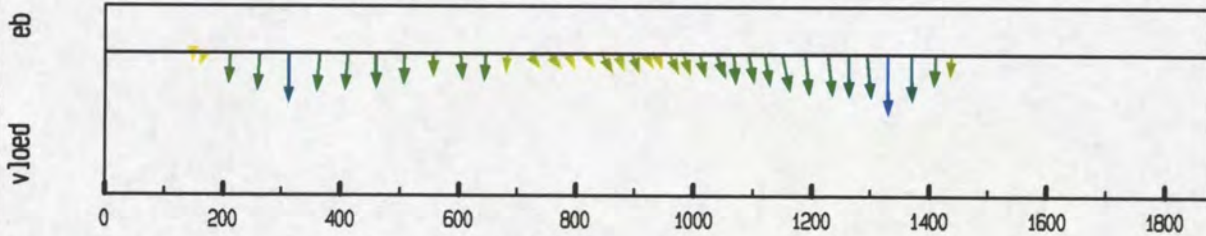




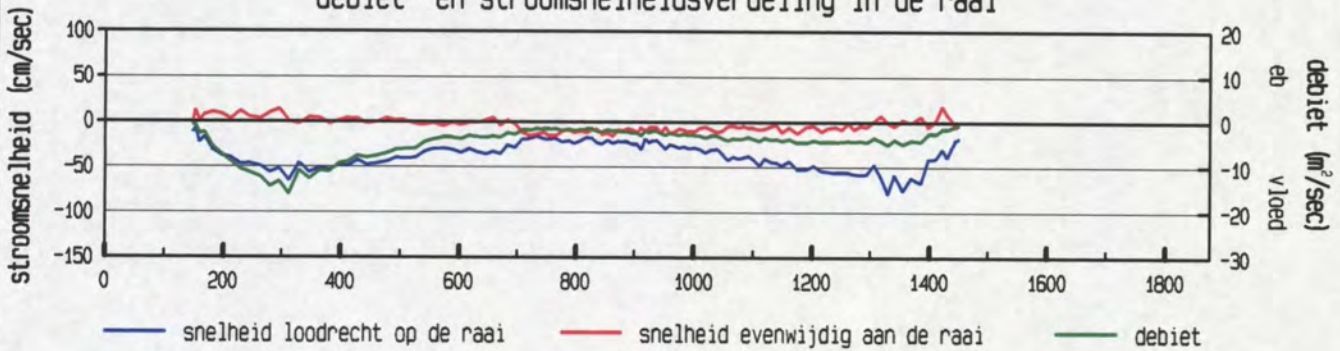
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



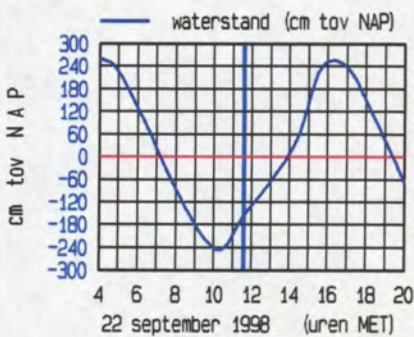
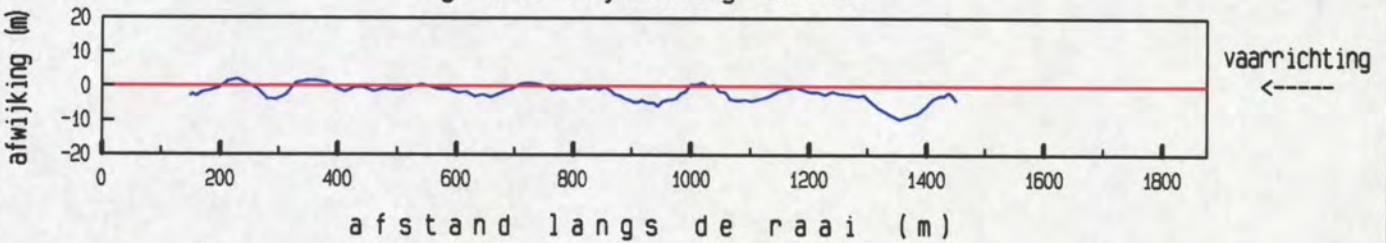
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1329 m  
 stroomsnelheid : 80 cm/sec  
 stroomrichting : 167°

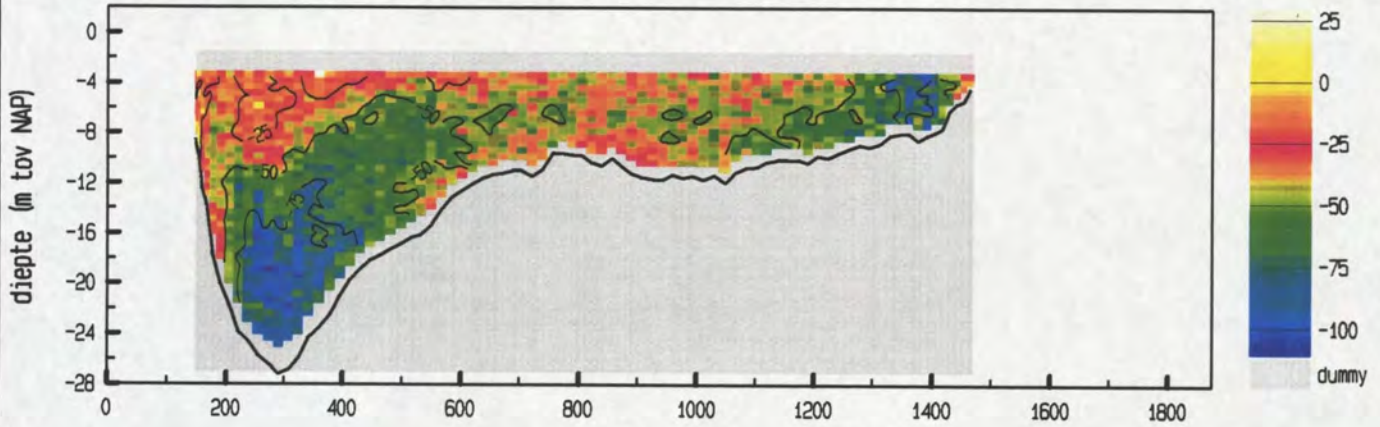
doorstroomoppervlak : 15733 m<sup>2</sup>  
 raaidebiet : -6389 m<sup>3</sup>/sec



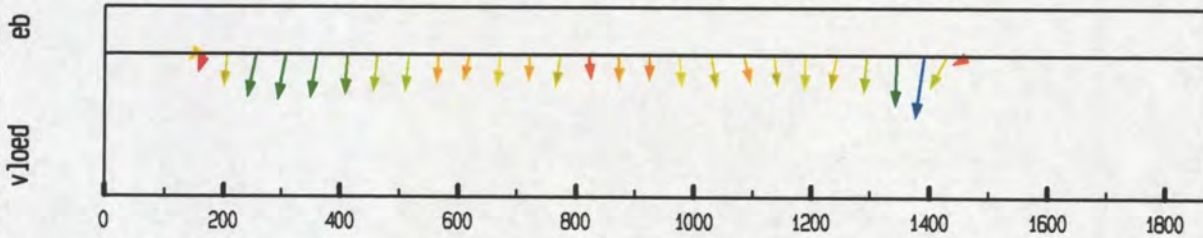




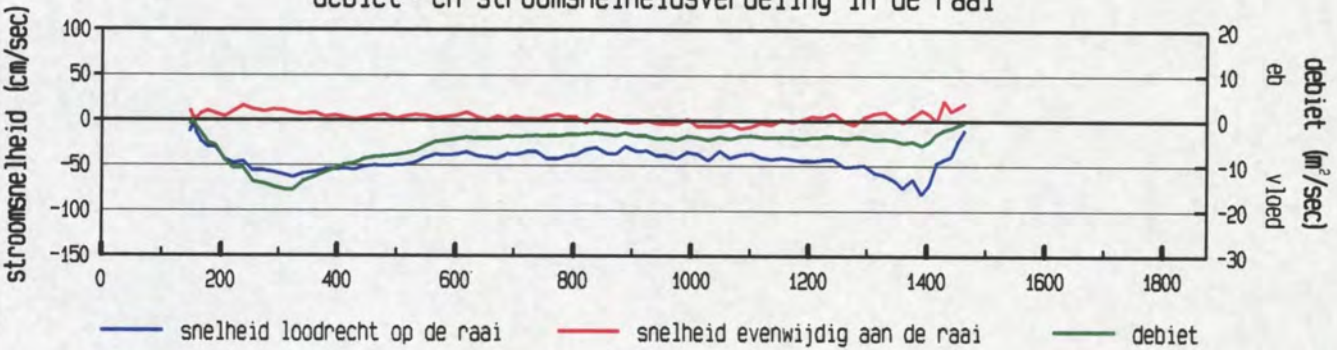
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



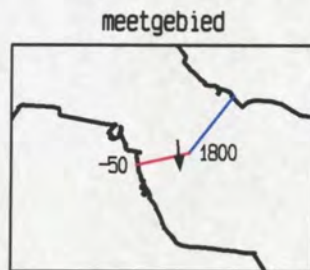
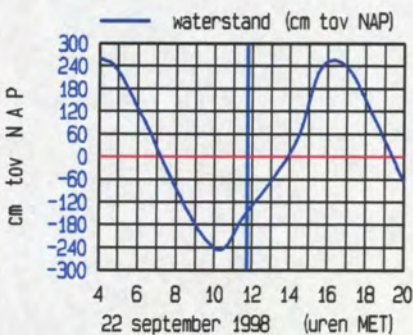
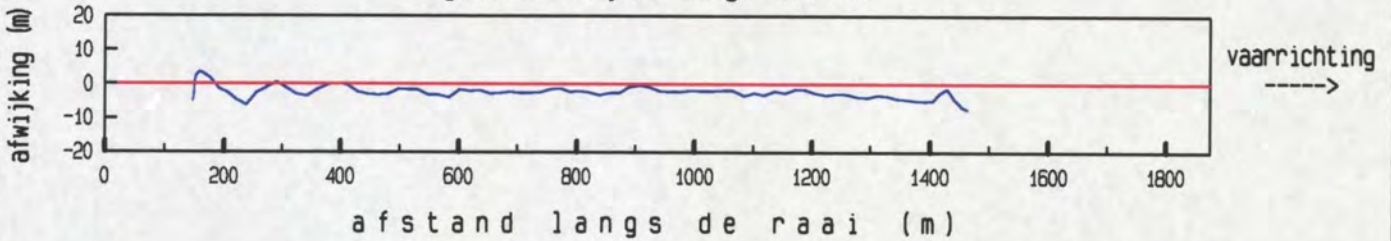
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1391 m  
 stroomsnelheid : 82 cm/sec  
 stroomrichting : 176 °

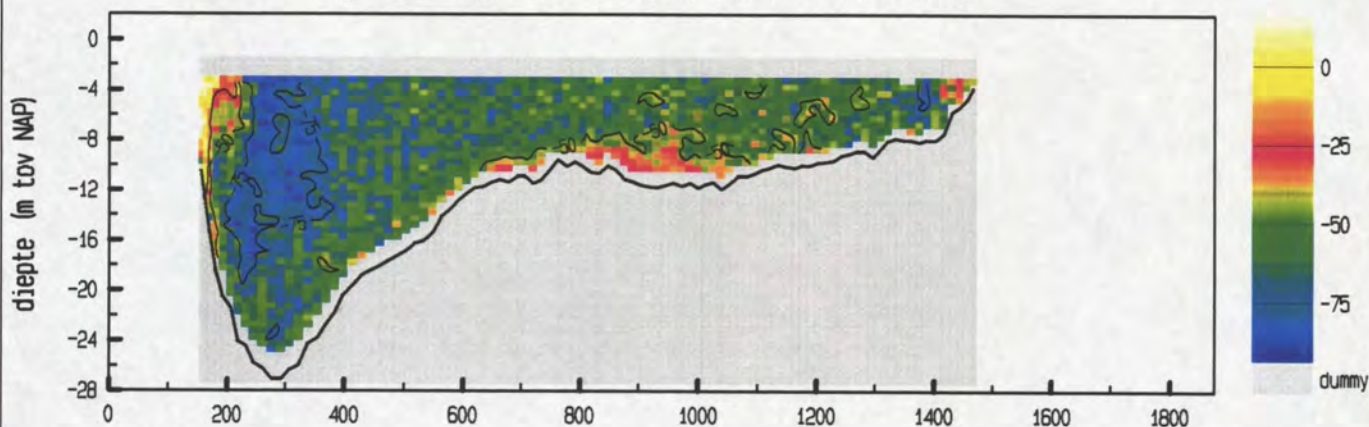
doorstroomoppervlak : 15882 m<sup>2</sup>  
 raaidebiet : -7313 m<sup>3</sup>/sec



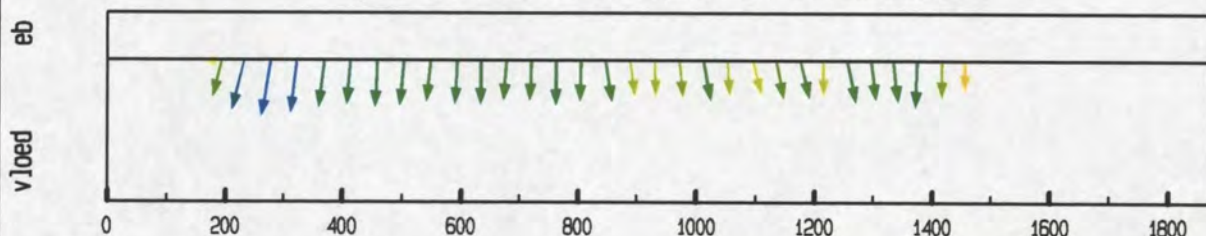




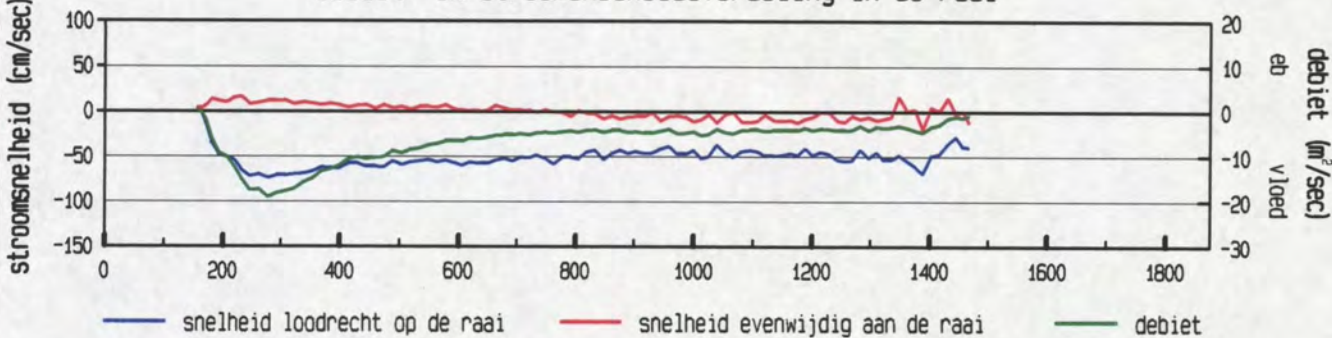
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



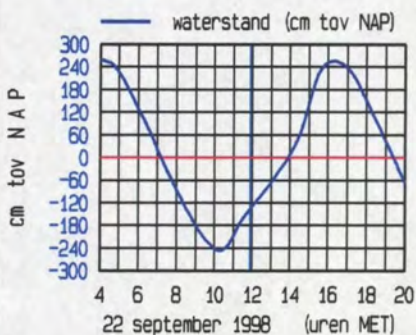
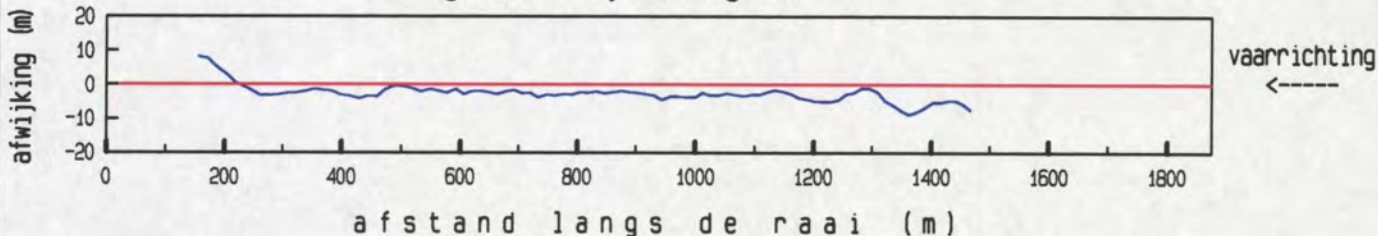
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

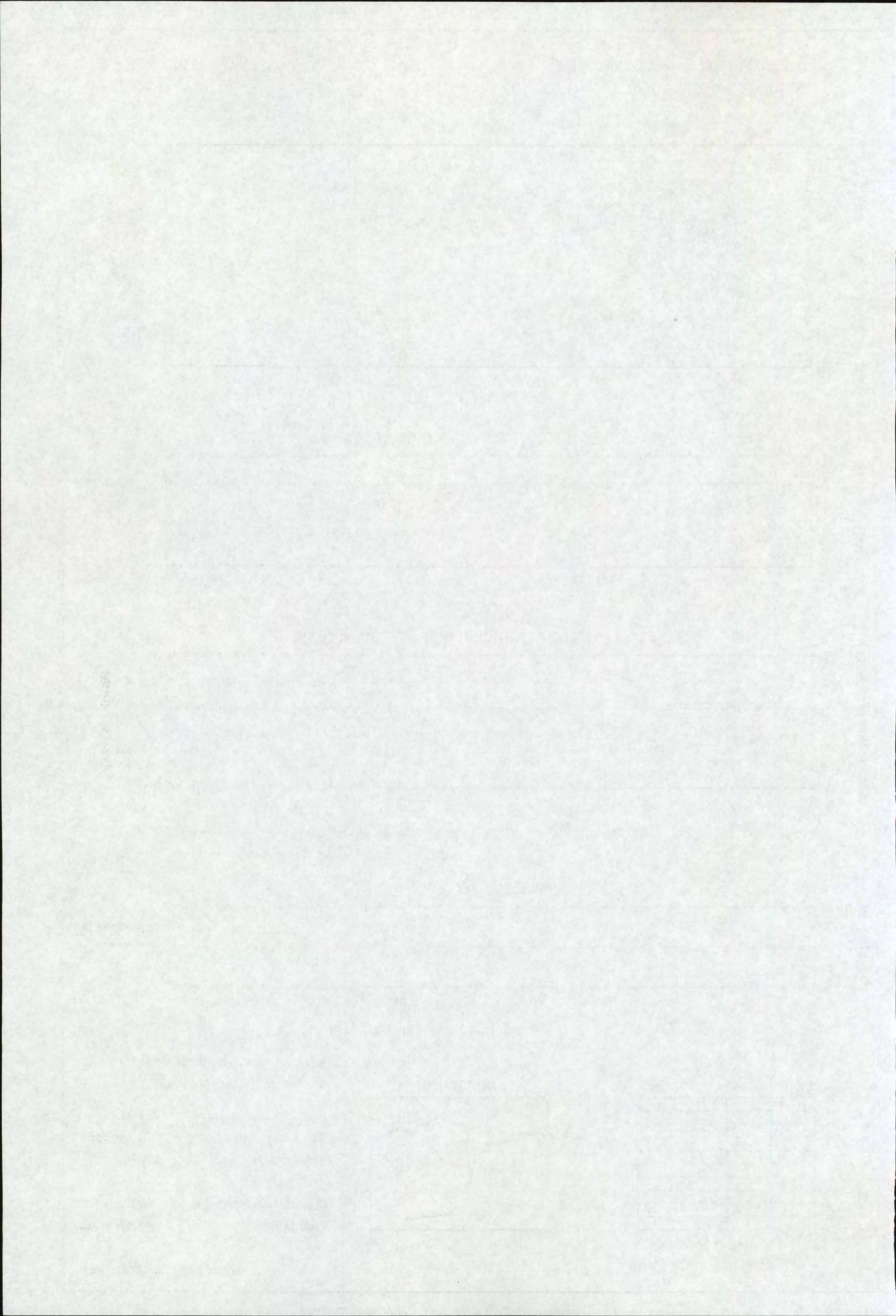


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 277 m  
 stroomsnelheid : 75 cm/sec  
 stroomrichting : 176 °

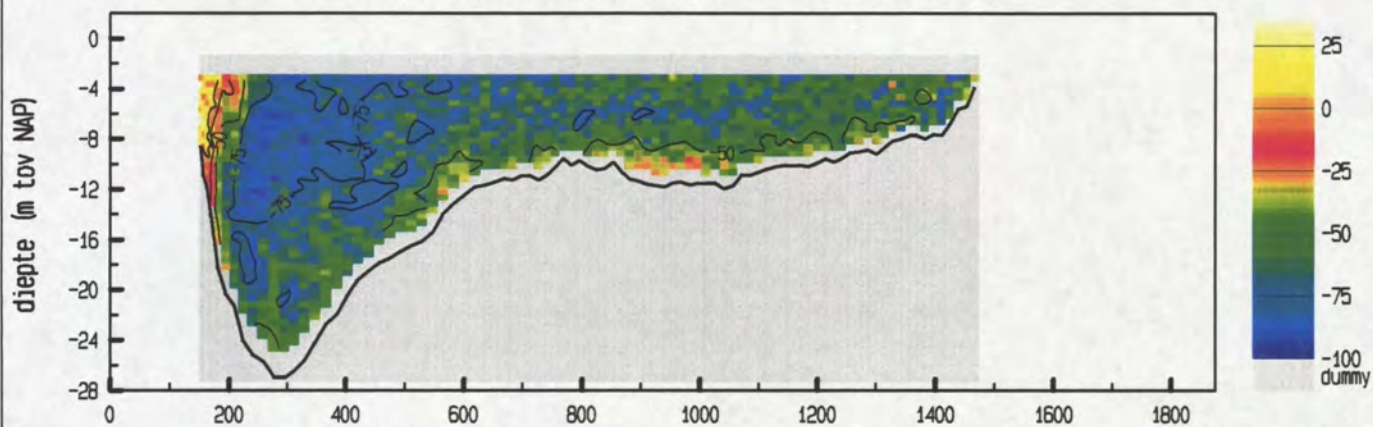
doorstroomoppervlak : 15974 m<sup>2</sup>  
 raaidebiet : -8715 m<sup>3</sup>/sec



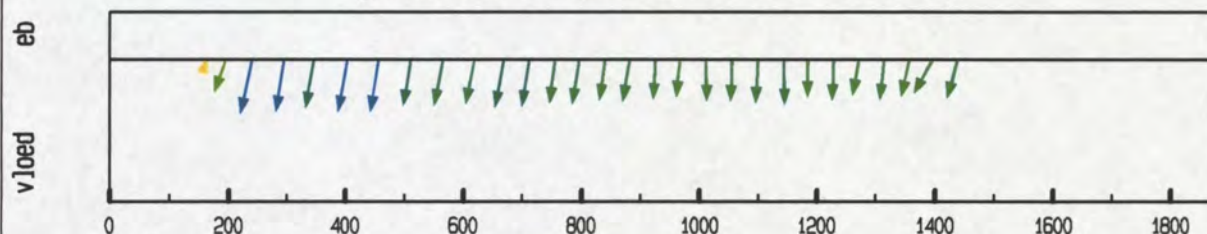




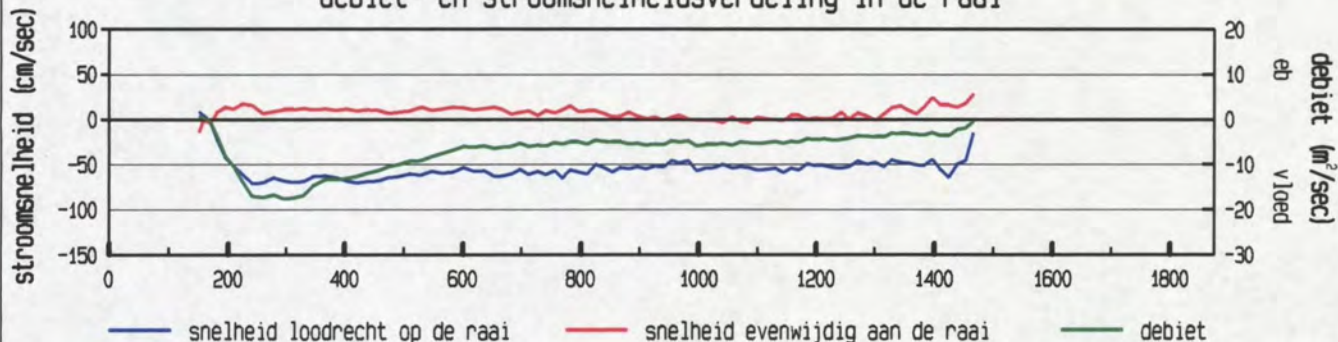
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



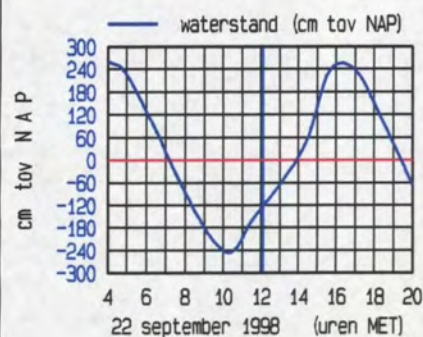
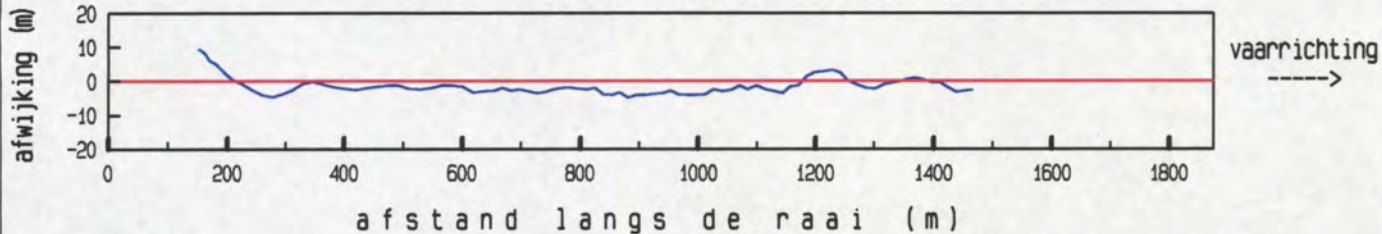
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

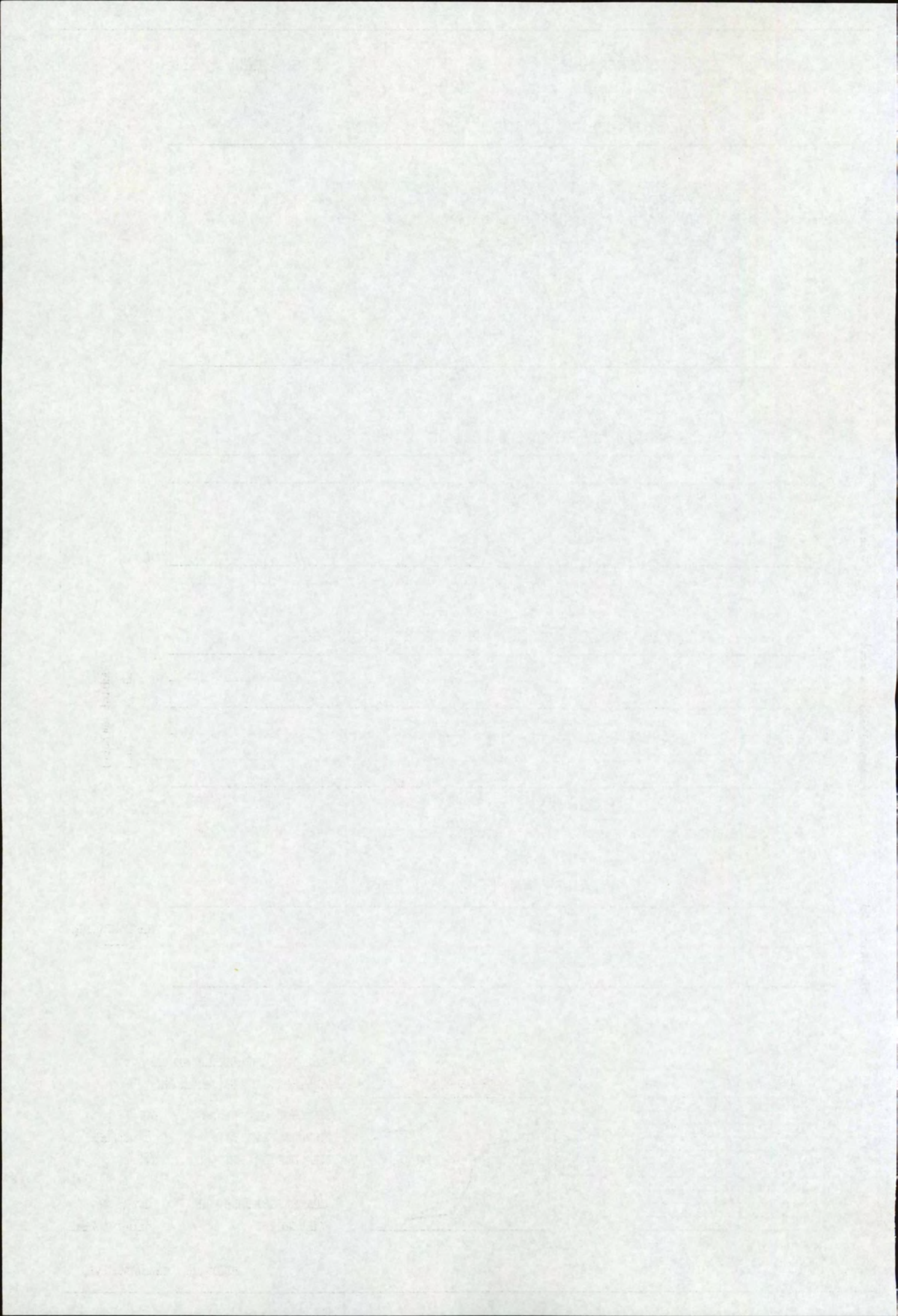


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 241 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 180°

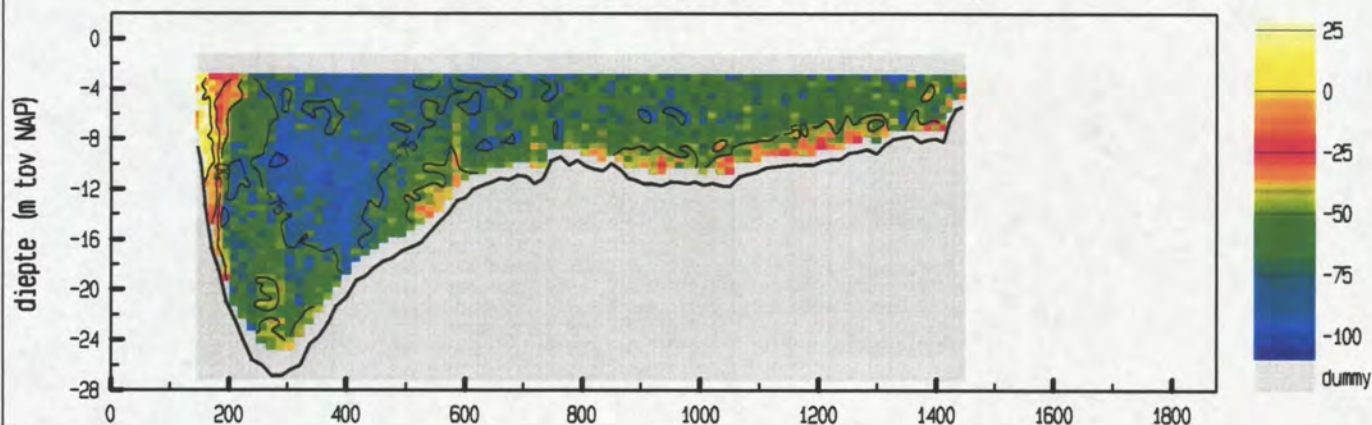
doorstroomoppervlak : 16112 m²  
 raaidebiet : -9260 m³/sec



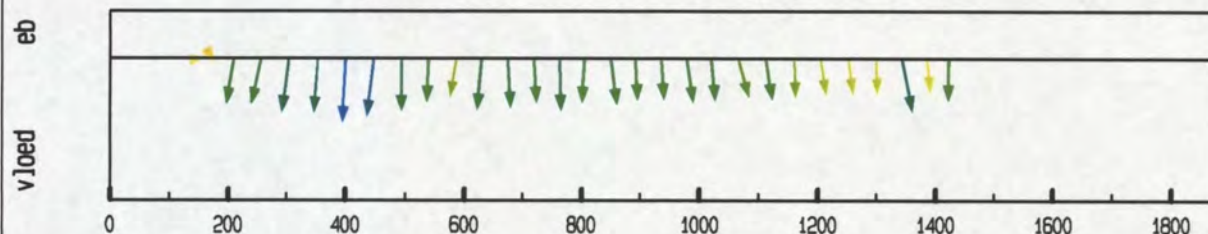




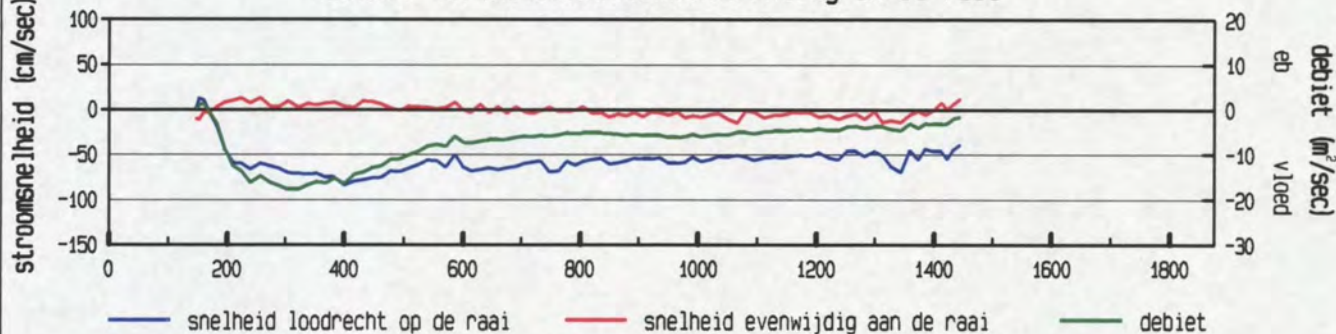
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



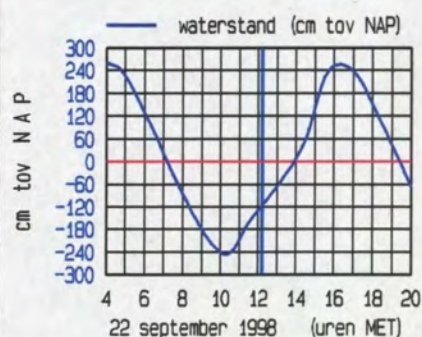
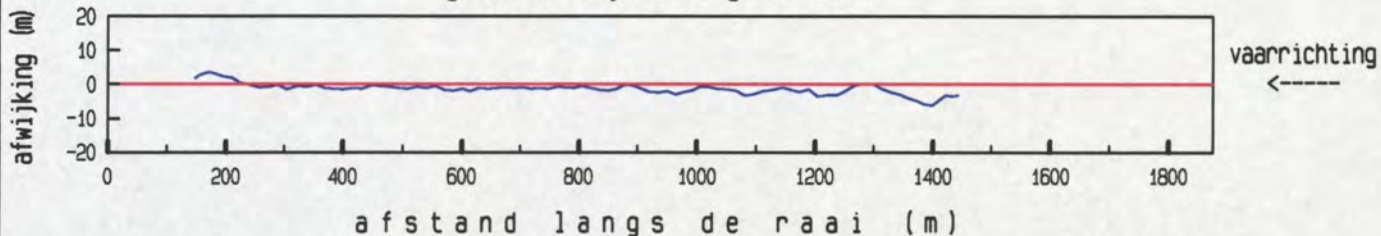
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai



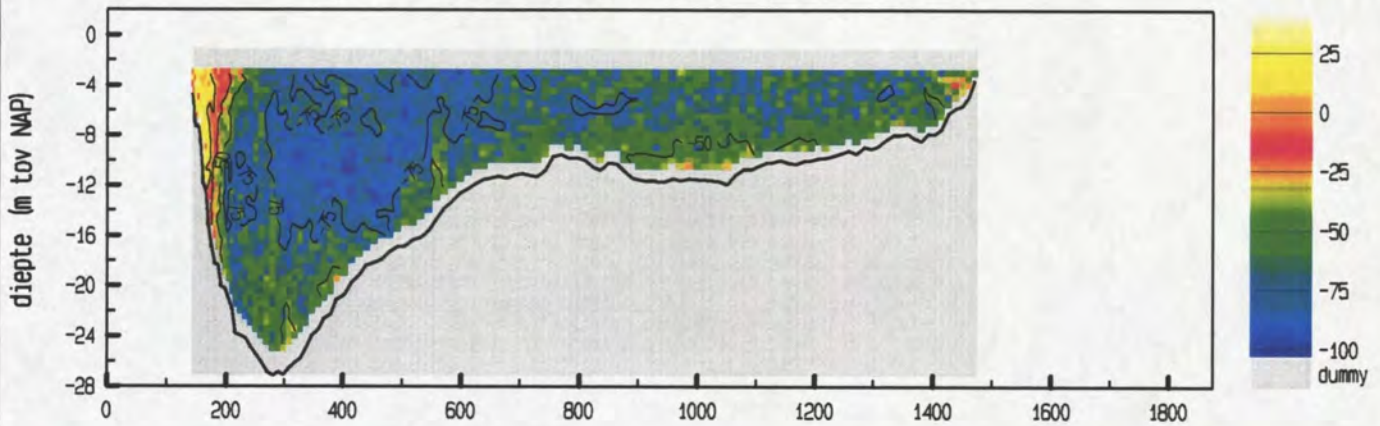
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 400 m  
 stroomsnelheid : 84 cm/sec  
 stroomrichting : 170 °

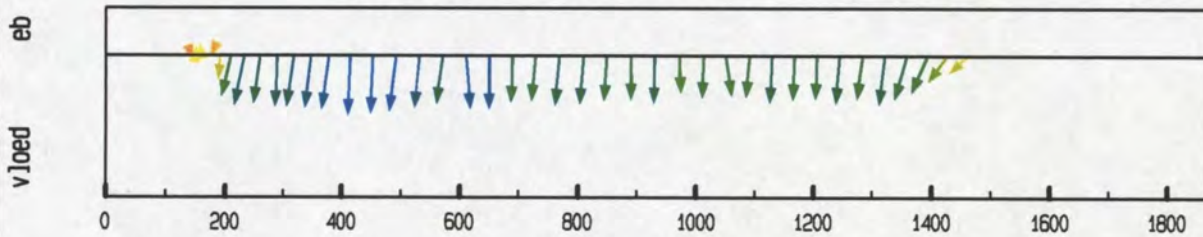
doorstroomoppervlak : 16210 m<sup>2</sup>  
 raaidebiet : -9649 m<sup>3</sup>/sec



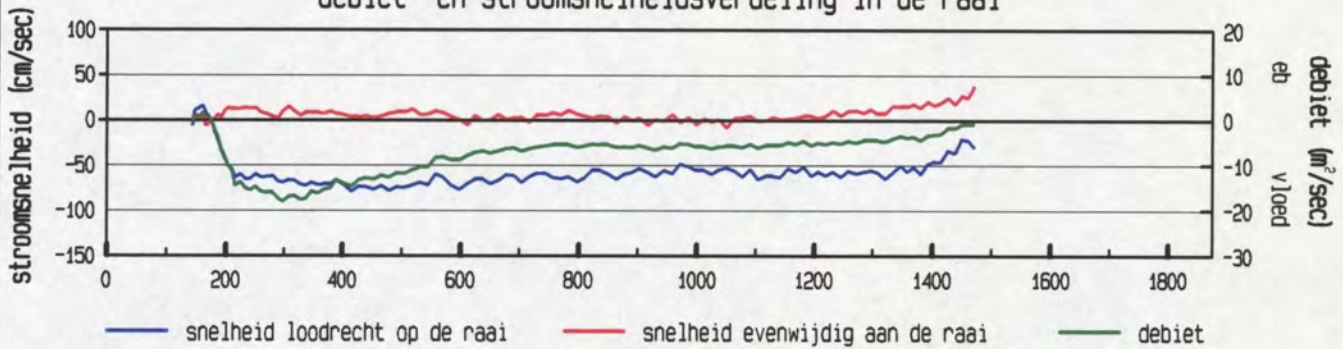
gemeten snelheid (cm/sec) (eb > 0, vloed < 0)



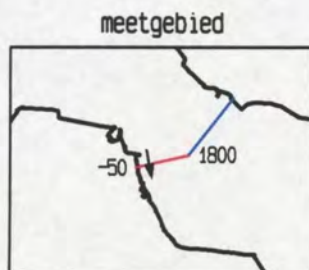
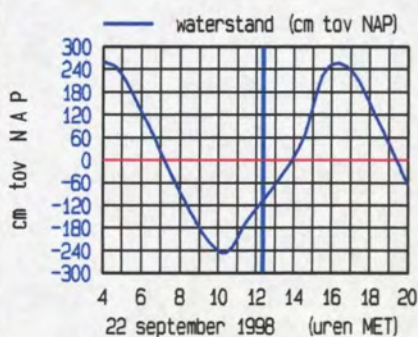
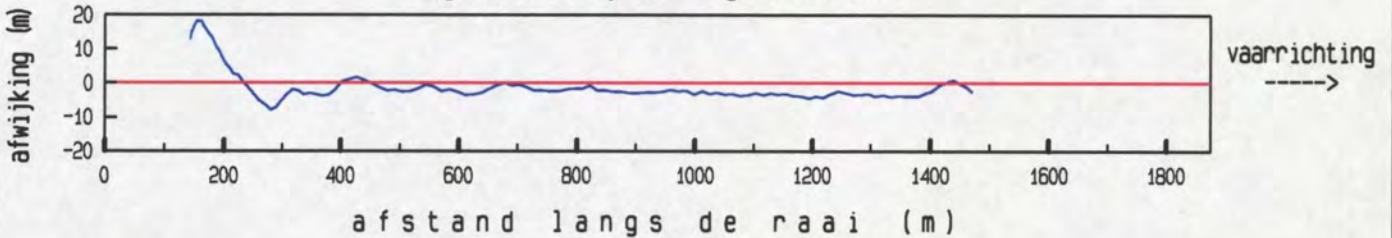
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 415 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 170°

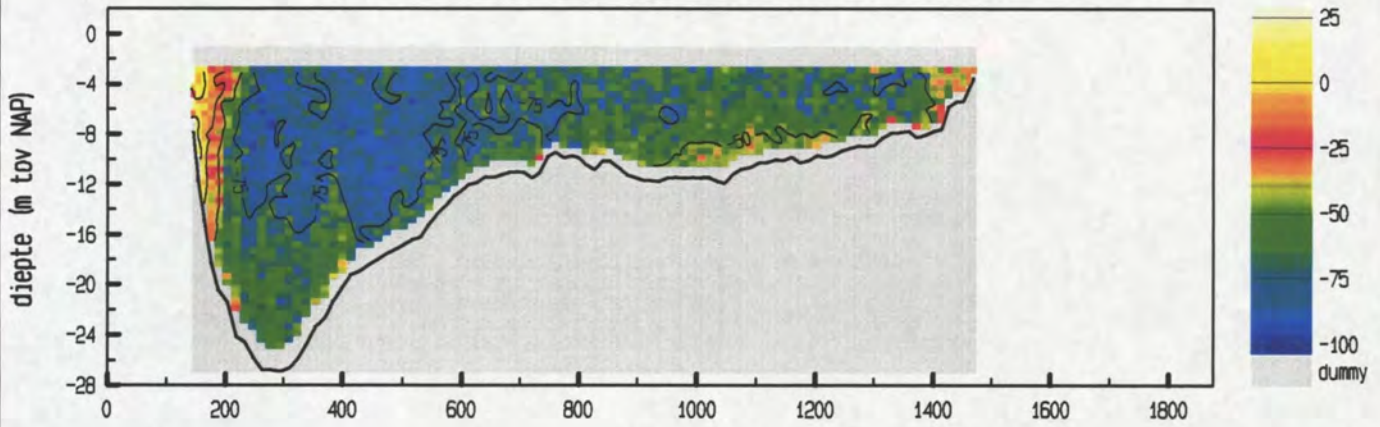
doorstroomoppervlak : 16420 m²  
 raaidebiet : -9998 m³/sec



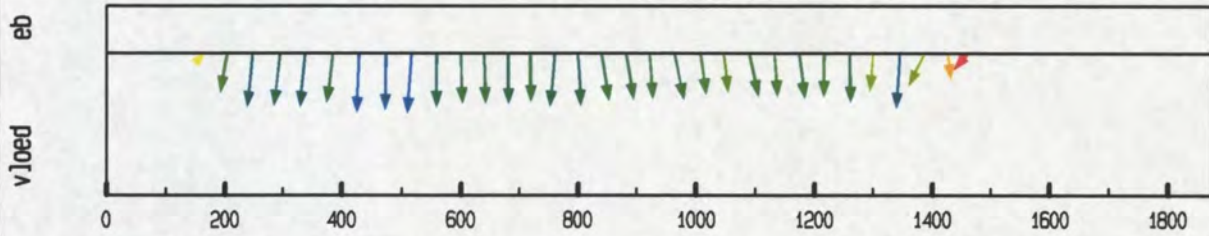




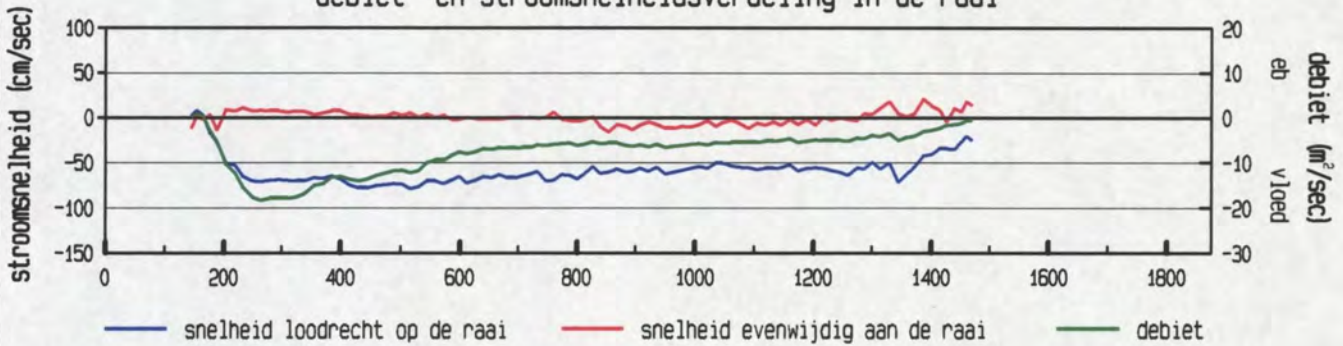
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



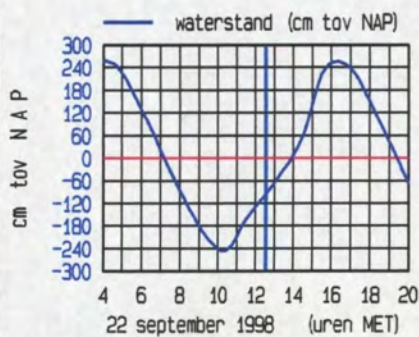
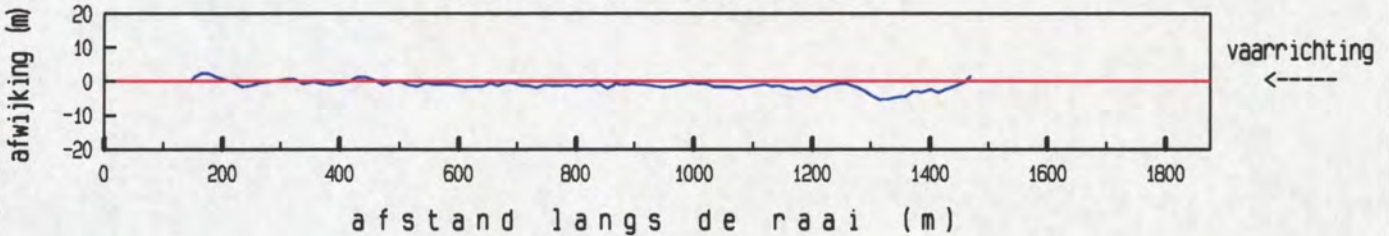
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

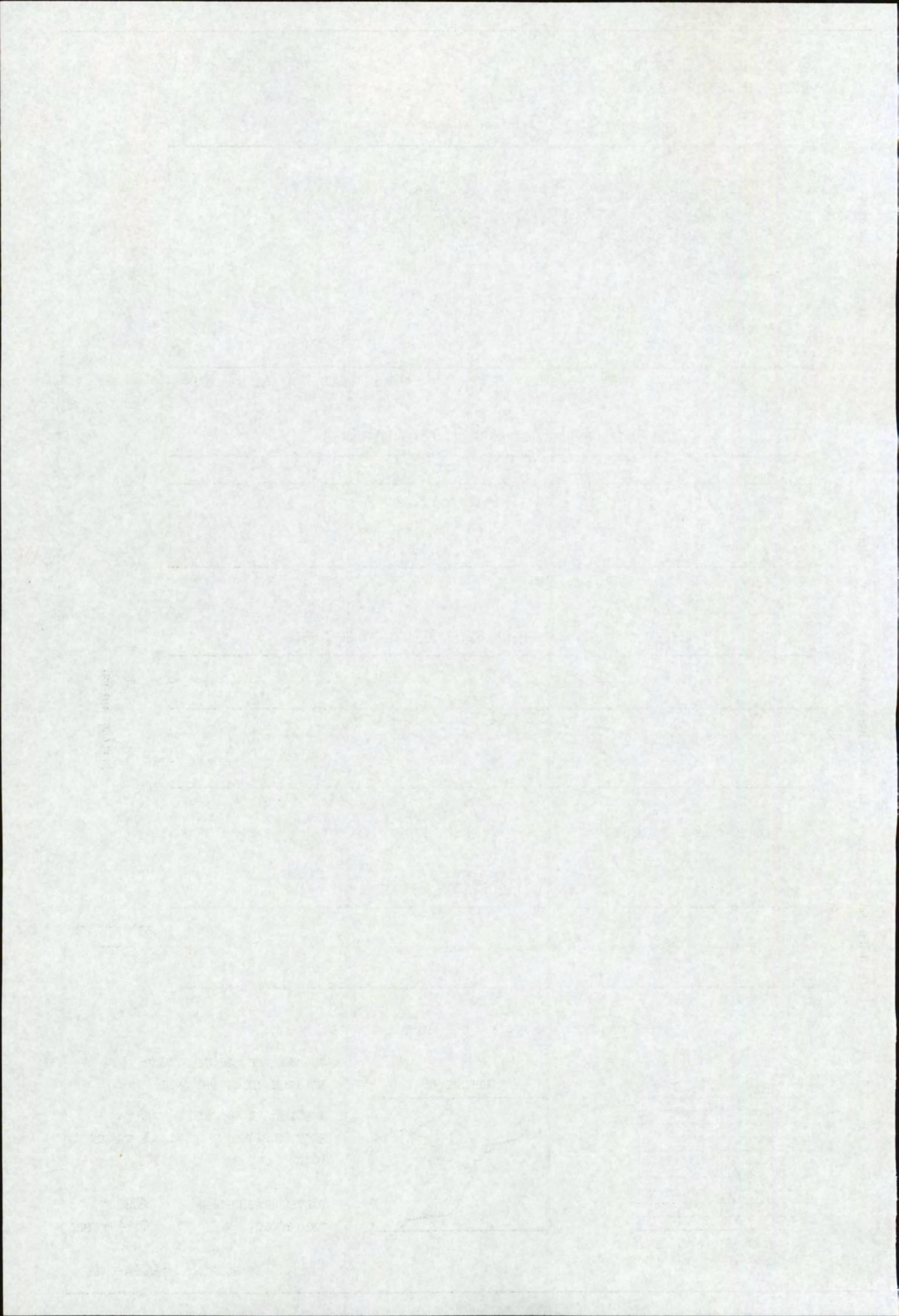


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 516 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 171 °

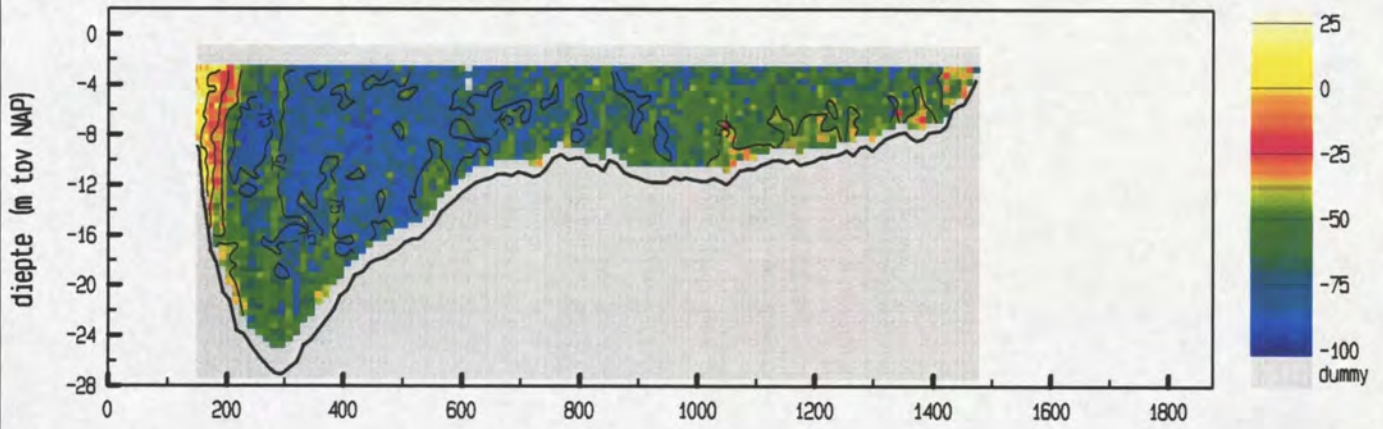
doorstroomoppervlak : 16599 m<sup>2</sup>  
 raaidebiet : -10154 m<sup>3</sup>/sec



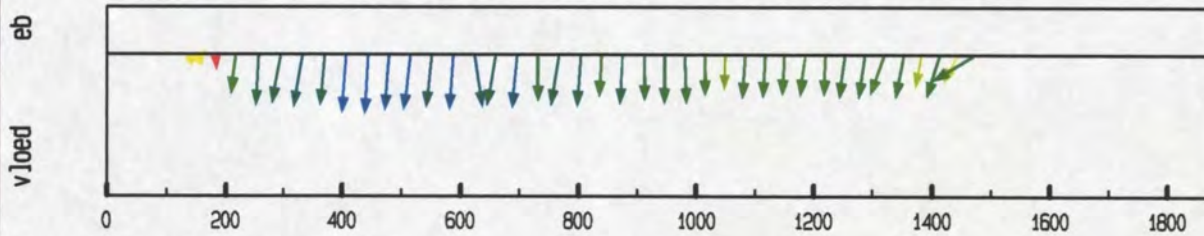




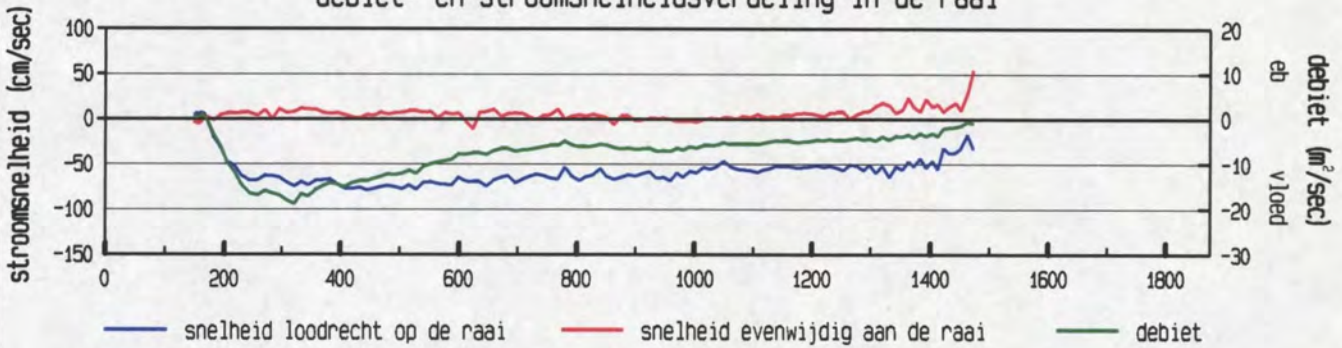
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



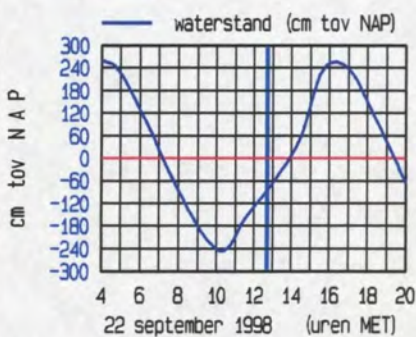
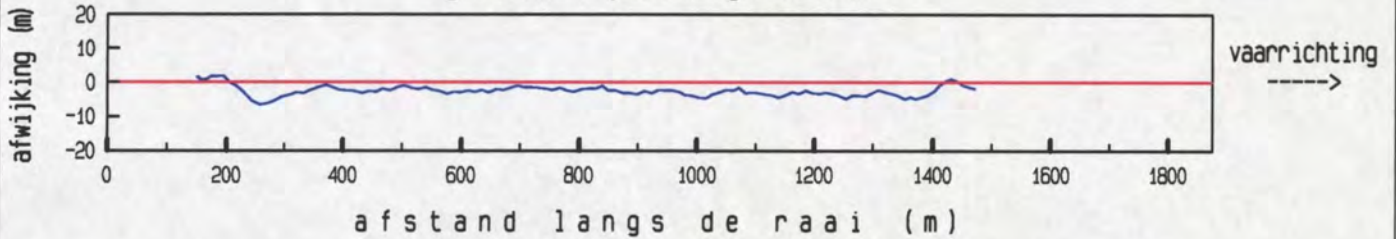
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai



meetgebied



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 444 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 171 °

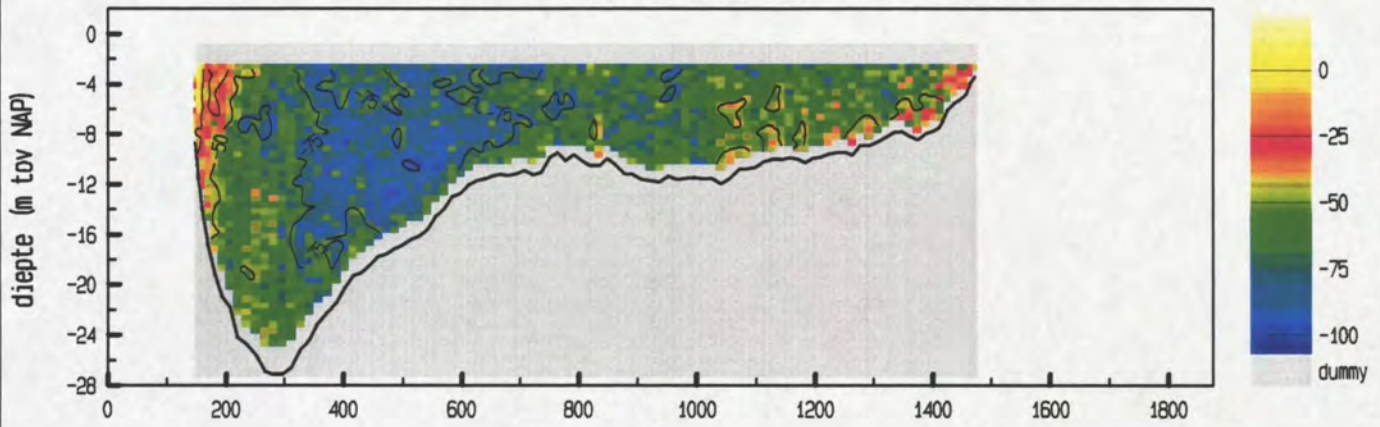
doorstroomoppervlak : 16746 m<sup>2</sup>  
 raaidebiet : -10259 m<sup>3</sup>/sec



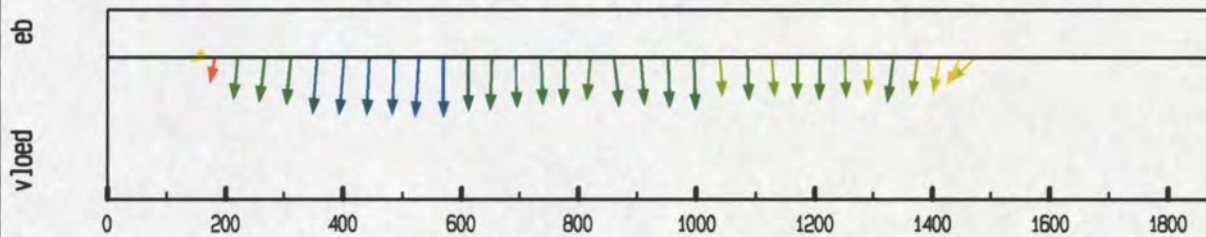




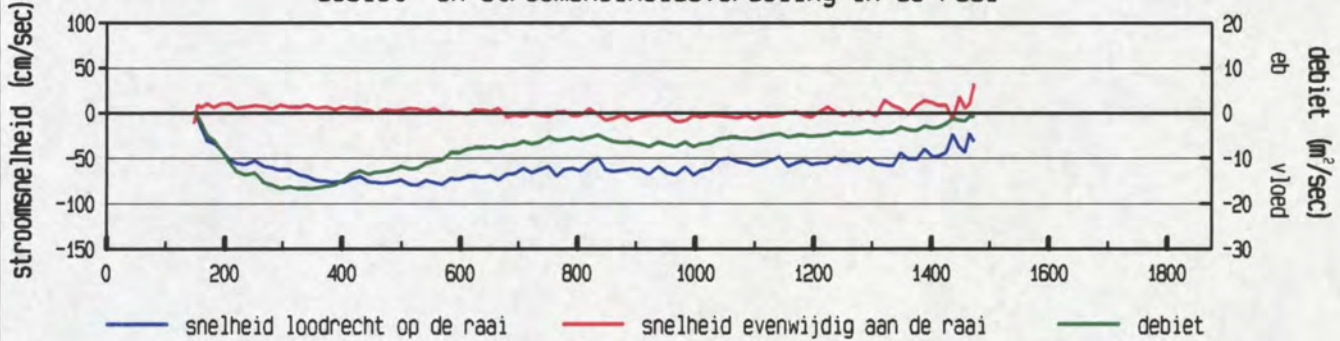
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



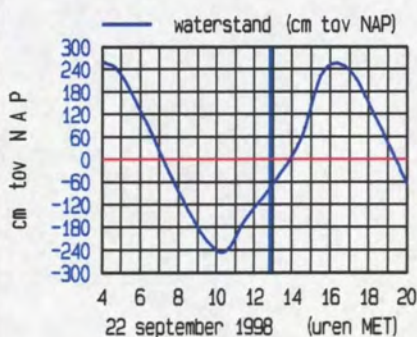
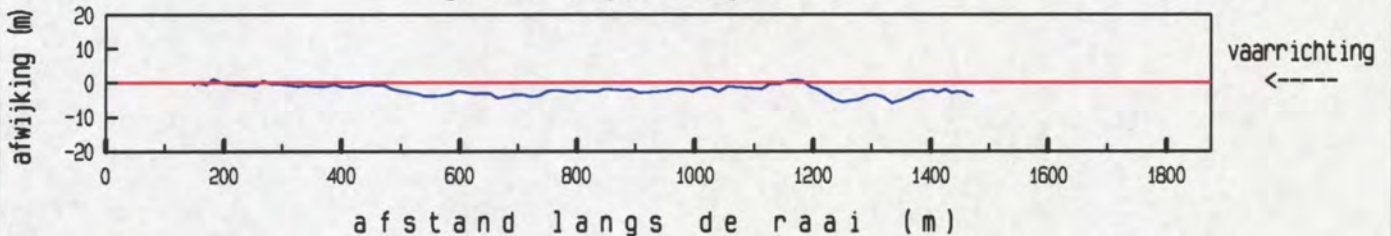
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 527 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 171 °

doorstroomoppervlak : 16851 m<sup>2</sup>  
 raaidebiet : -10390 m<sup>3</sup>/sec



1000

1000

1000

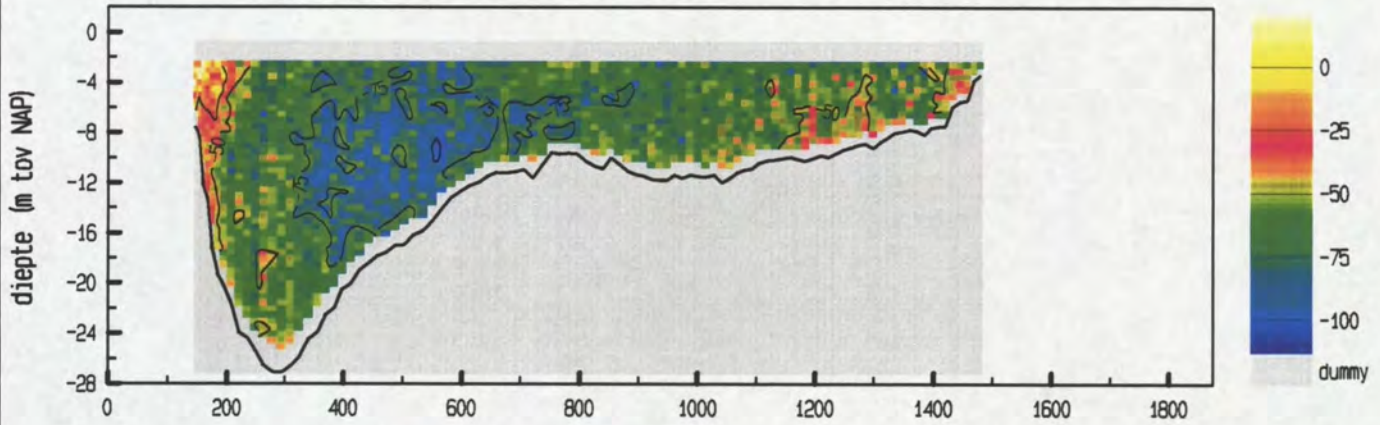
1000

1000

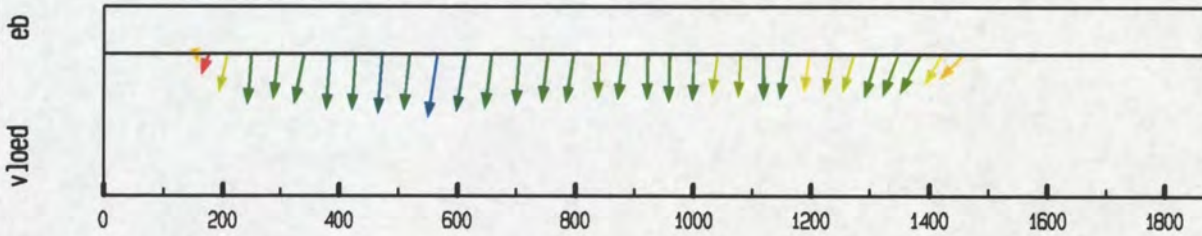
1000



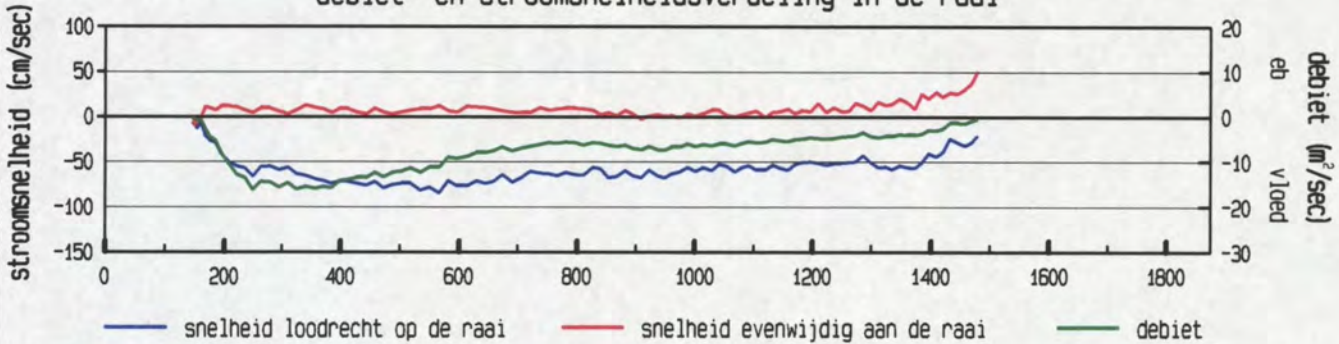
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



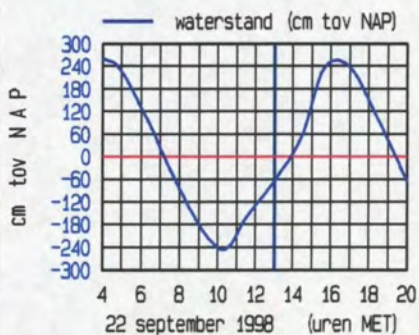
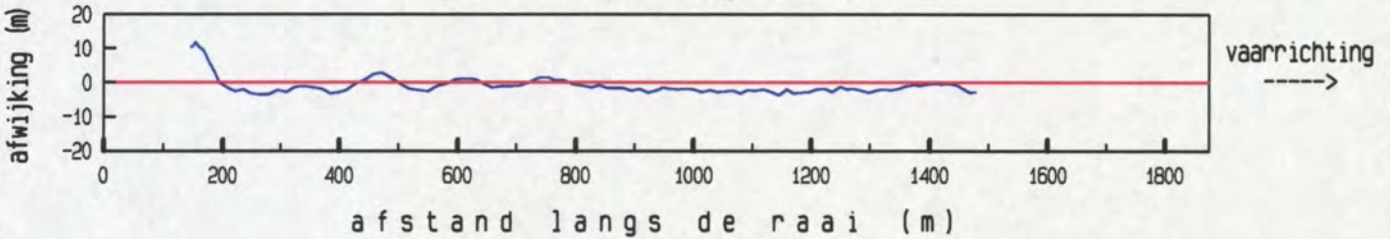
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 566 m  
 stroomsnelheid : 85 cm/sec  
 stroomrichting : 176 °

doorstroomoppervlak : 16977 m<sup>2</sup>  
 raaidebiet : -10343 m<sup>3</sup>/sec



181 - 182

181 - 182

181 - 182

181 - 182

181 - 182

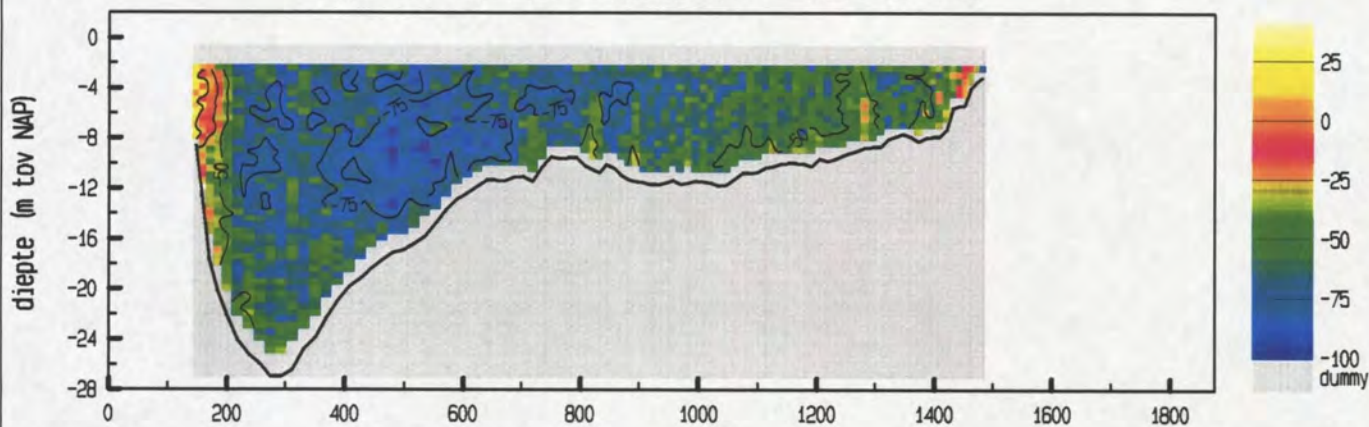
181 - 182

181 - 182

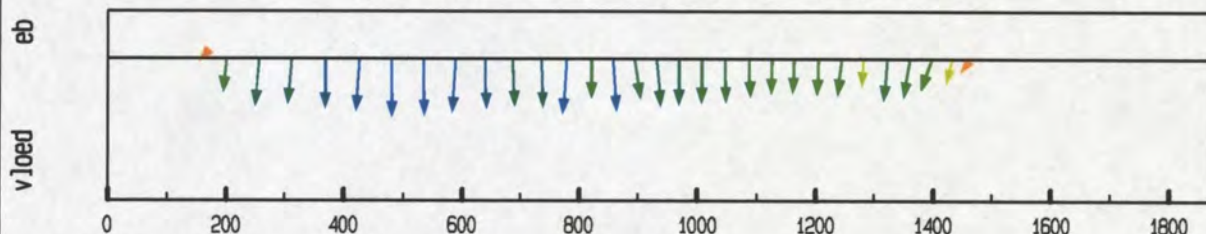
181 - 182



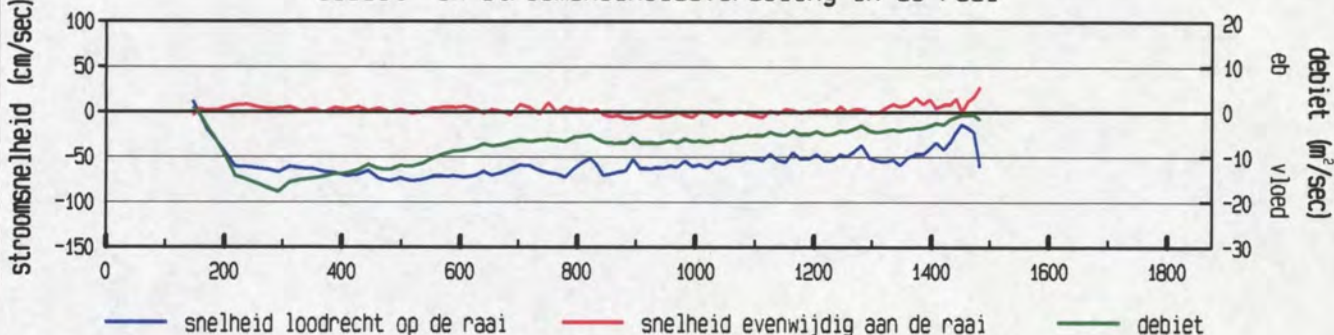
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



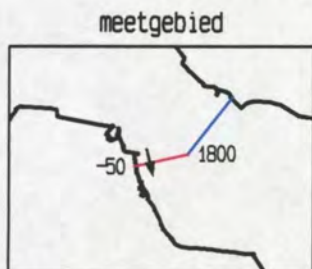
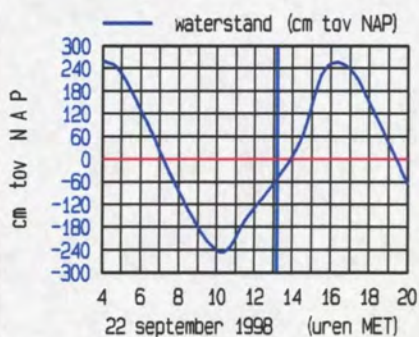
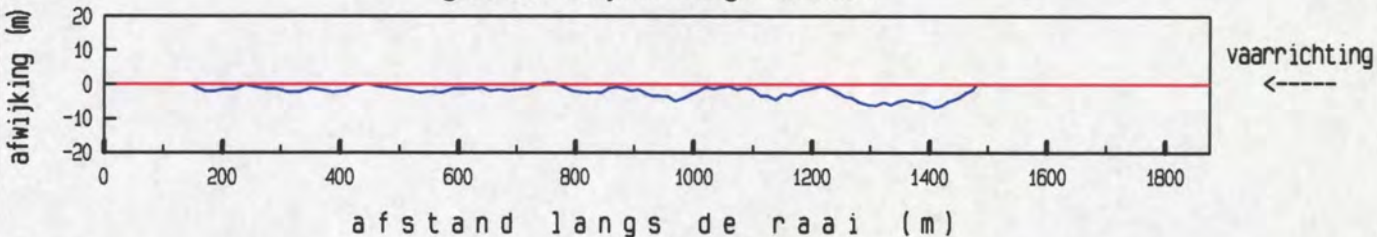
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

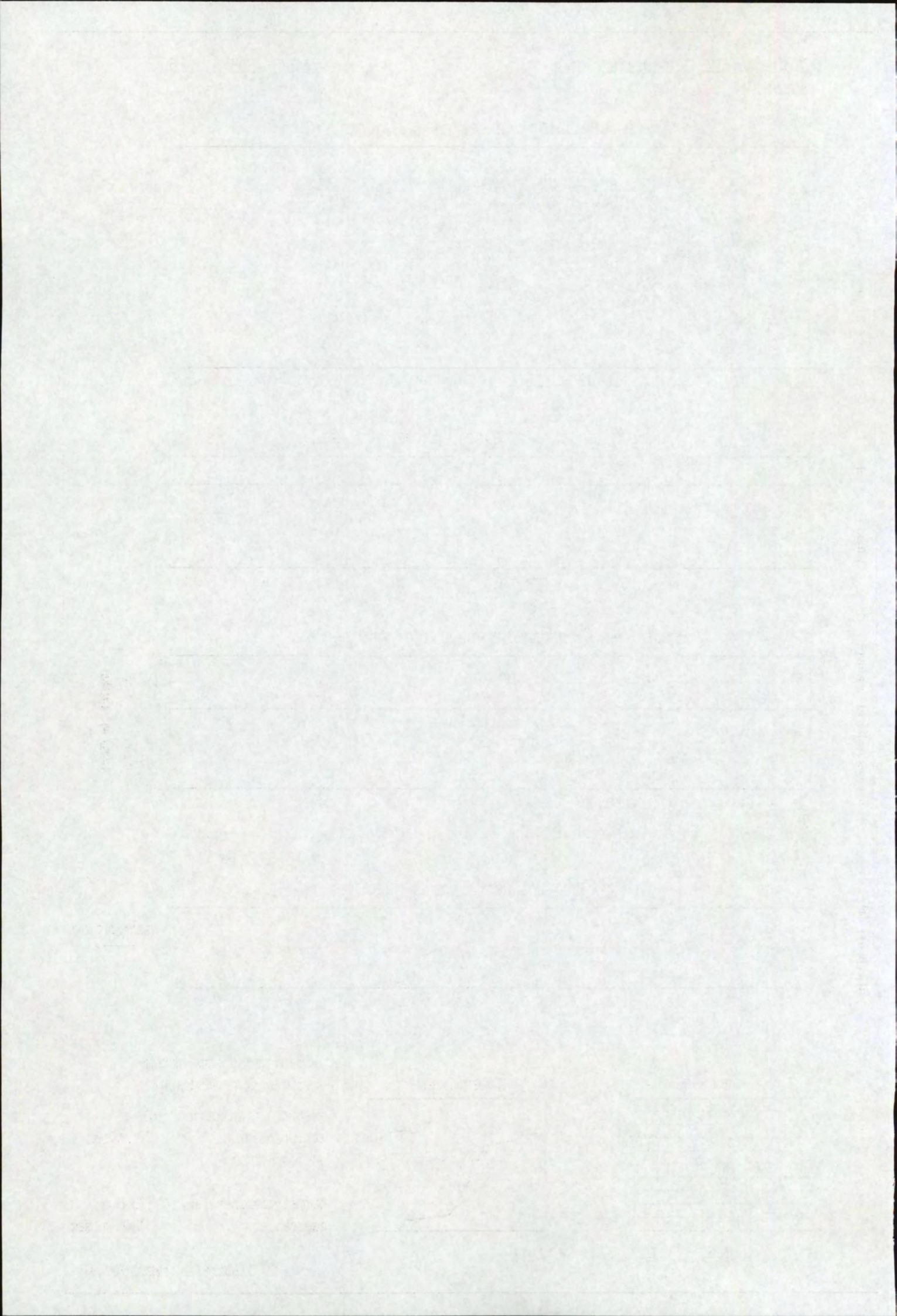


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 480 m  
 stroomsnelheid : 77 cm/sec  
 stroomrichting : 167 °

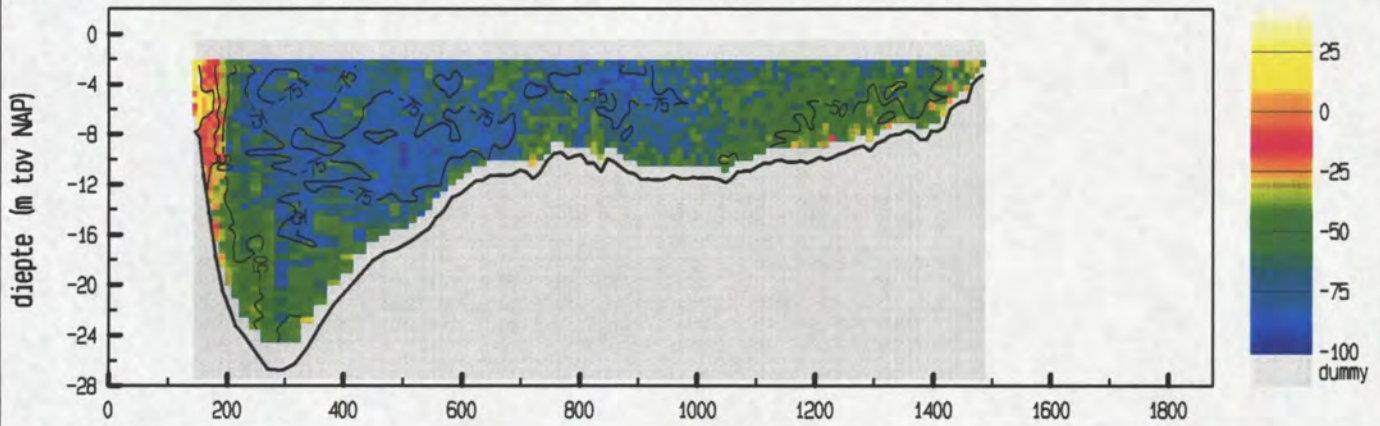
doorstroomoppervlak : 17197 m<sup>2</sup>  
 raaidebiet : -10194 m<sup>3</sup>/sec



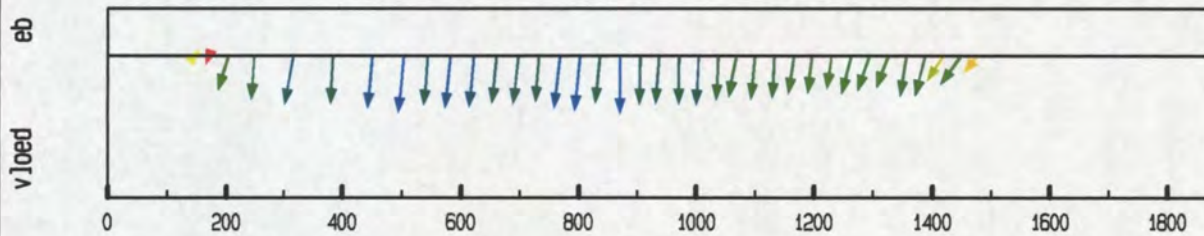




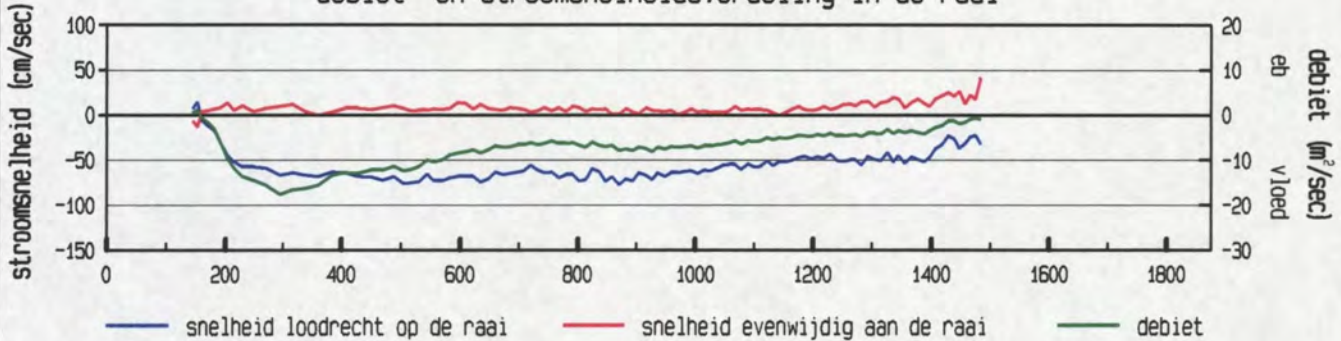
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



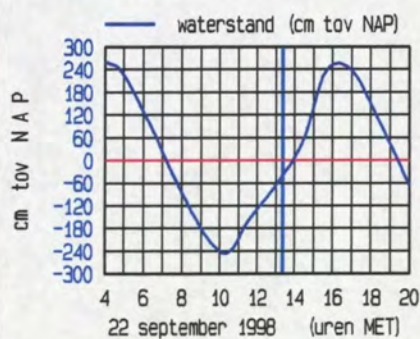
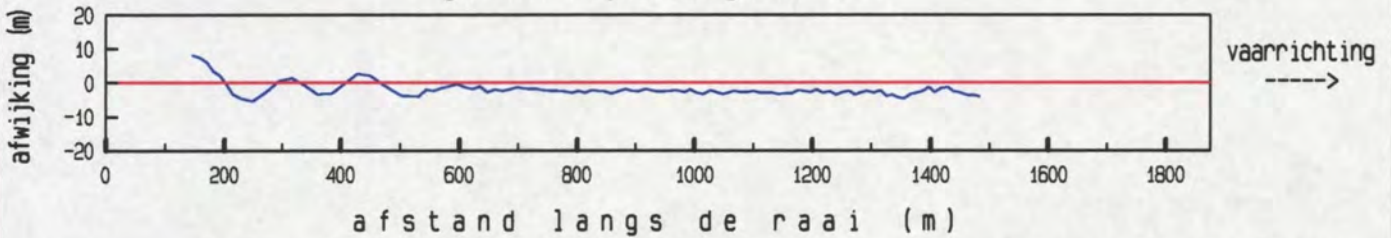
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

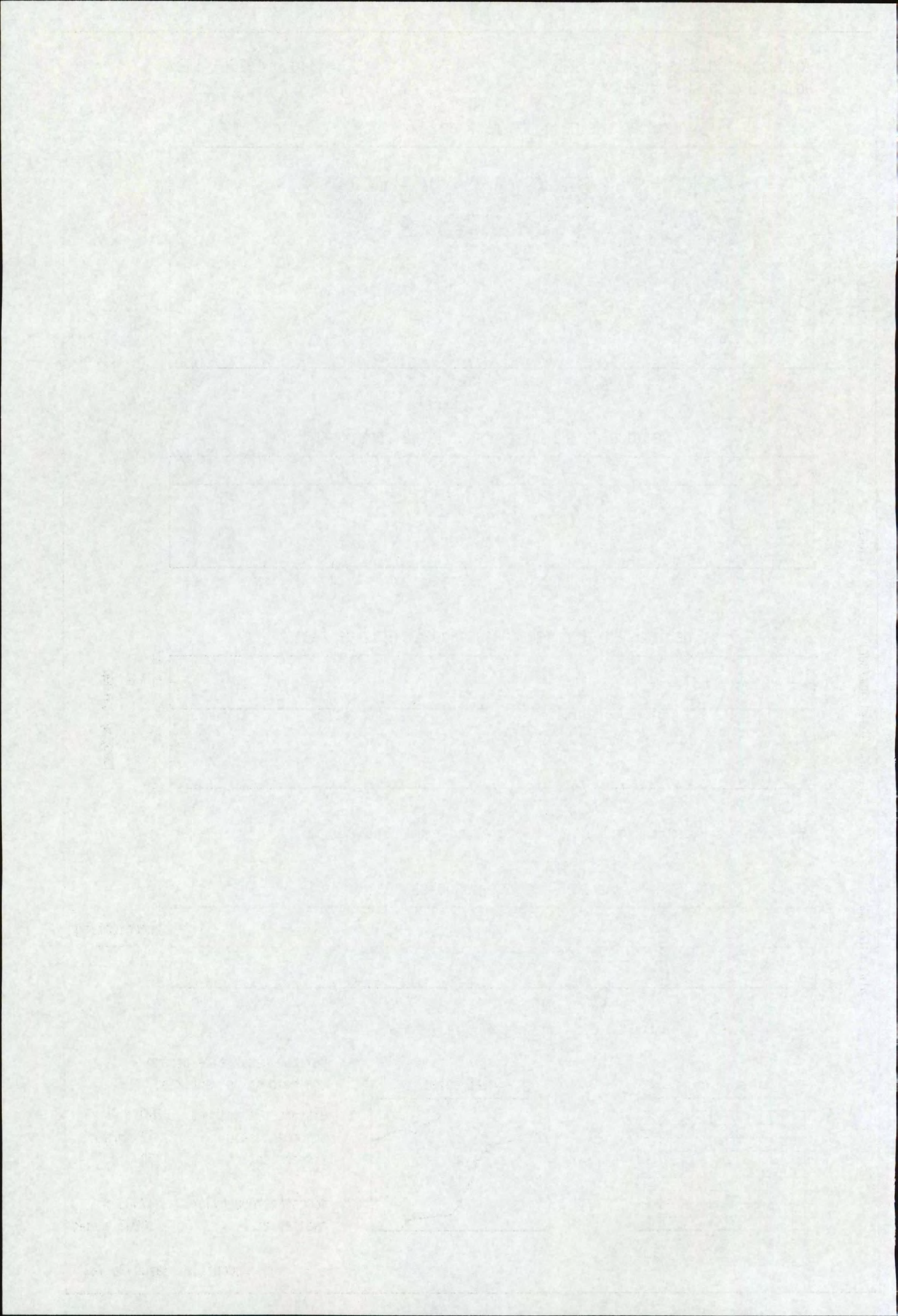


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 870 m  
 stroomsnelheid : 77 cm/sec  
 stroomrichting : 168 °

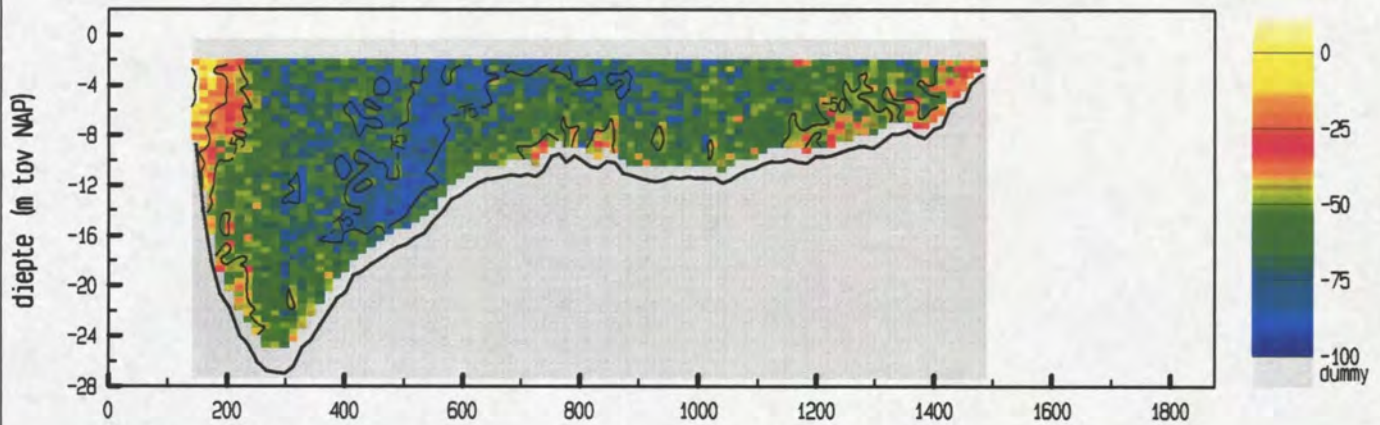
doorstroomoppervlak : 17306 m<sup>2</sup>  
 raaidebiet : -10266 m<sup>3</sup>/sec



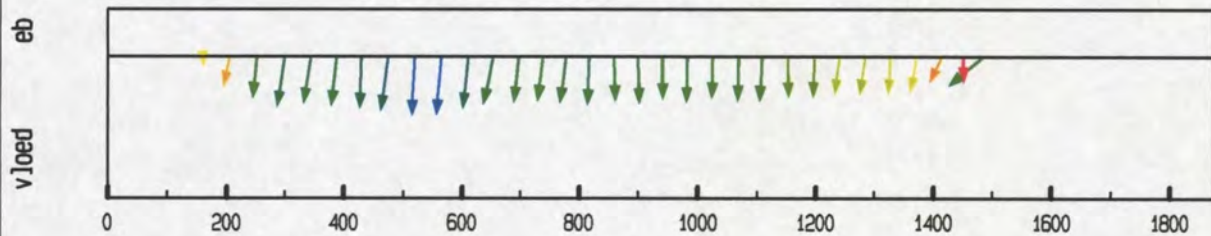




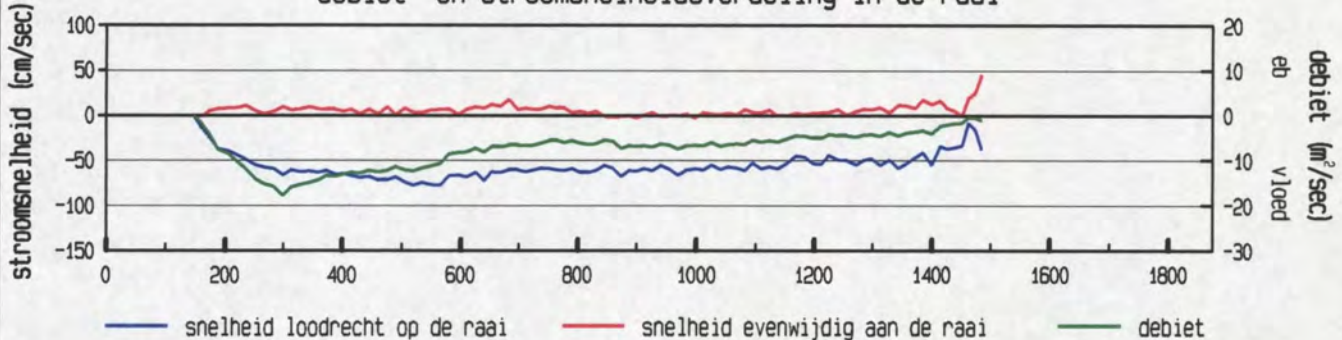
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



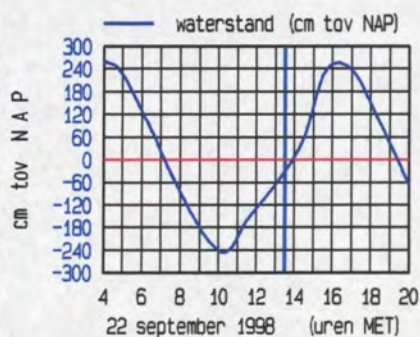
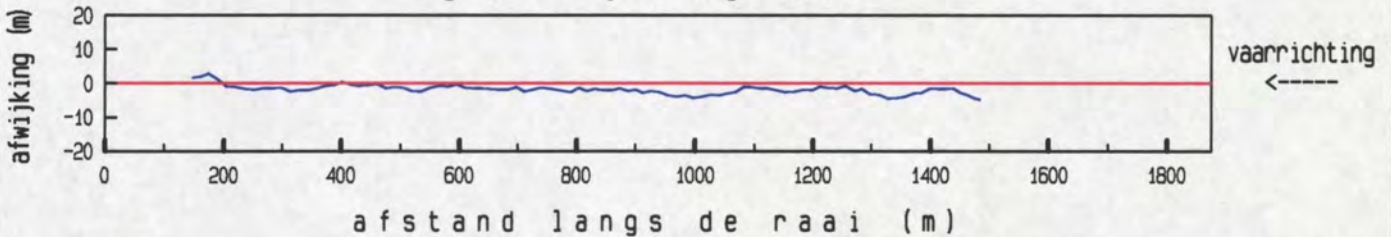
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

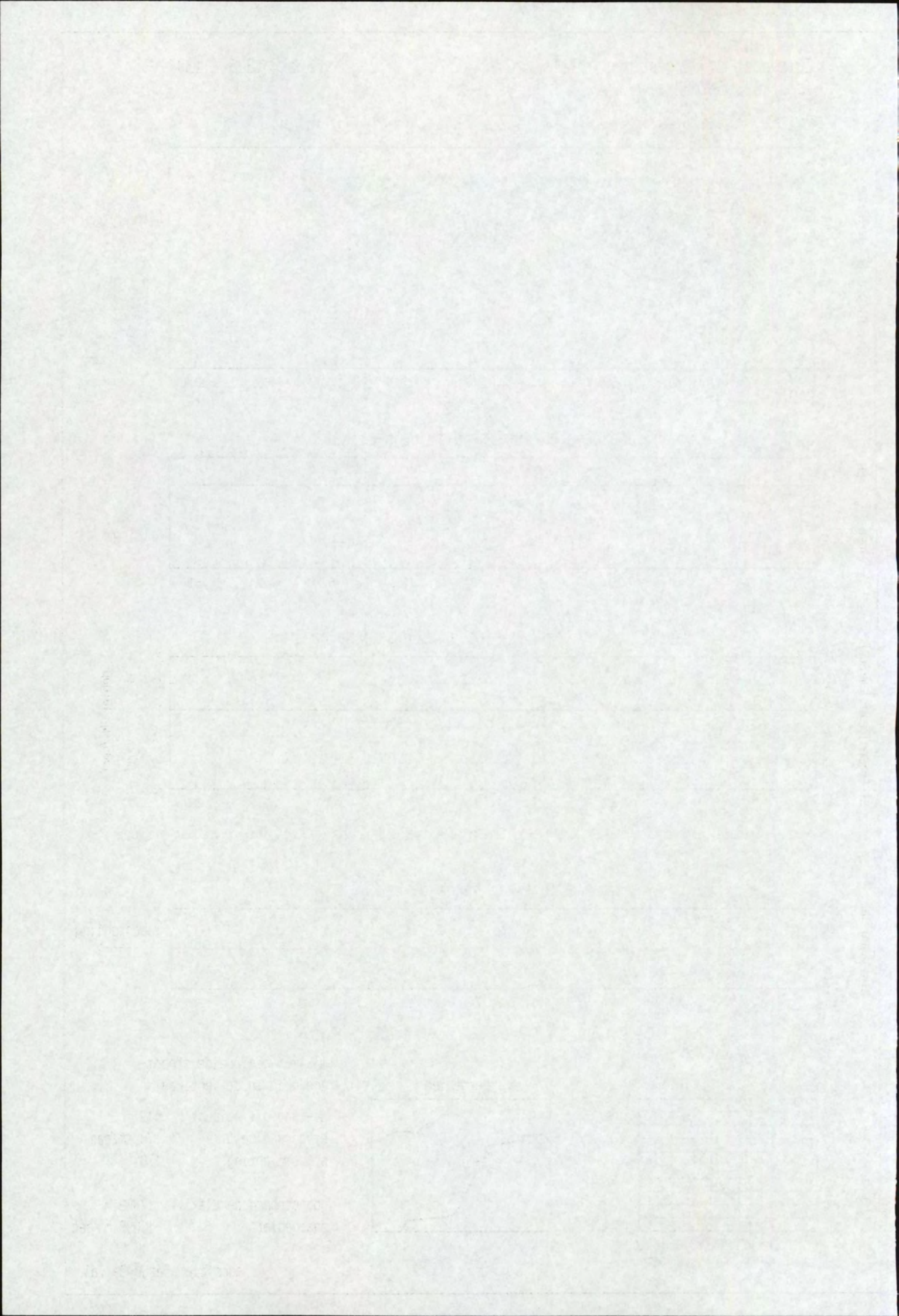


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 519 m  
 stroomsnelheid : 78 cm/sec  
 stroomrichting : 170°

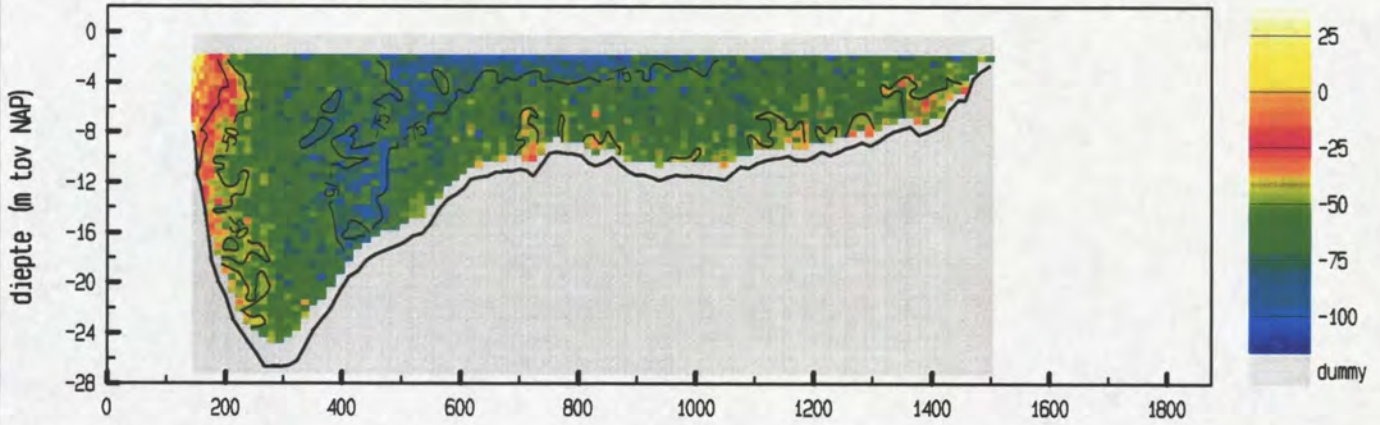
doorstroomoppervlak : 17496 m<sup>2</sup>  
 raaidebiet : -10097 m<sup>3</sup>/sec



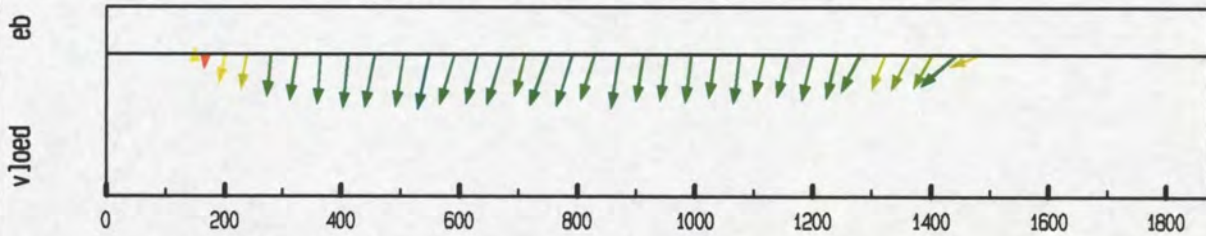




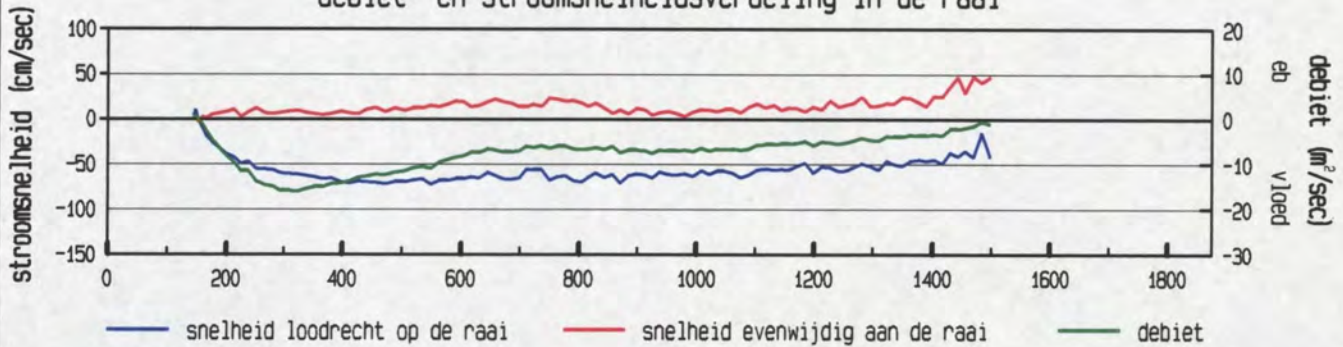
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



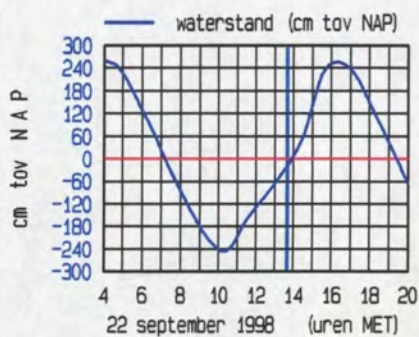
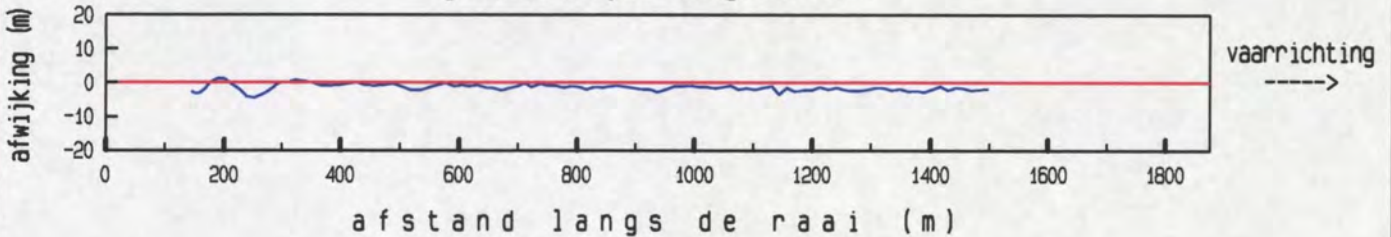
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

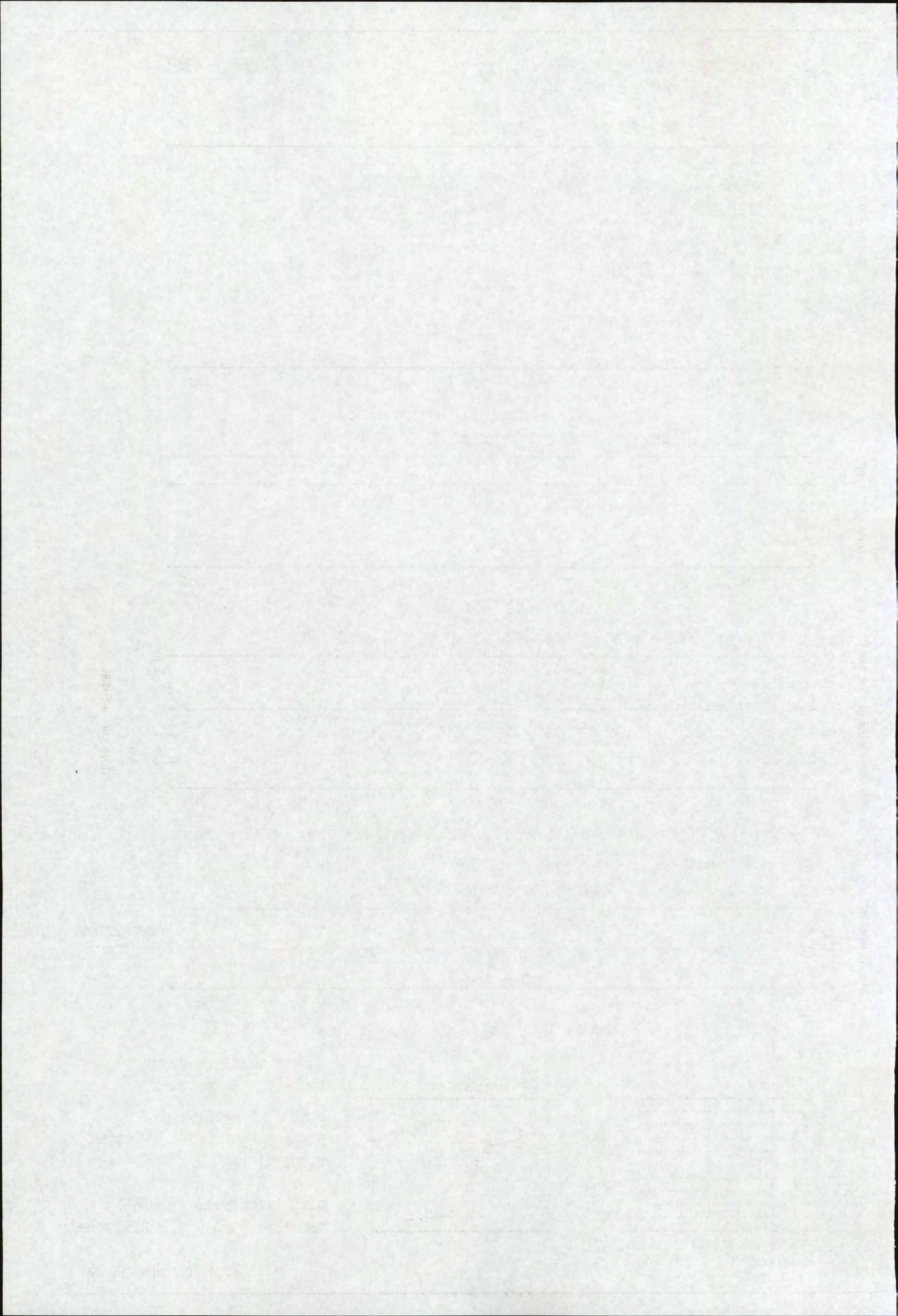


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 549 m  
 stroomsnelheid : 74 cm/sec  
 stroomrichting : 179°

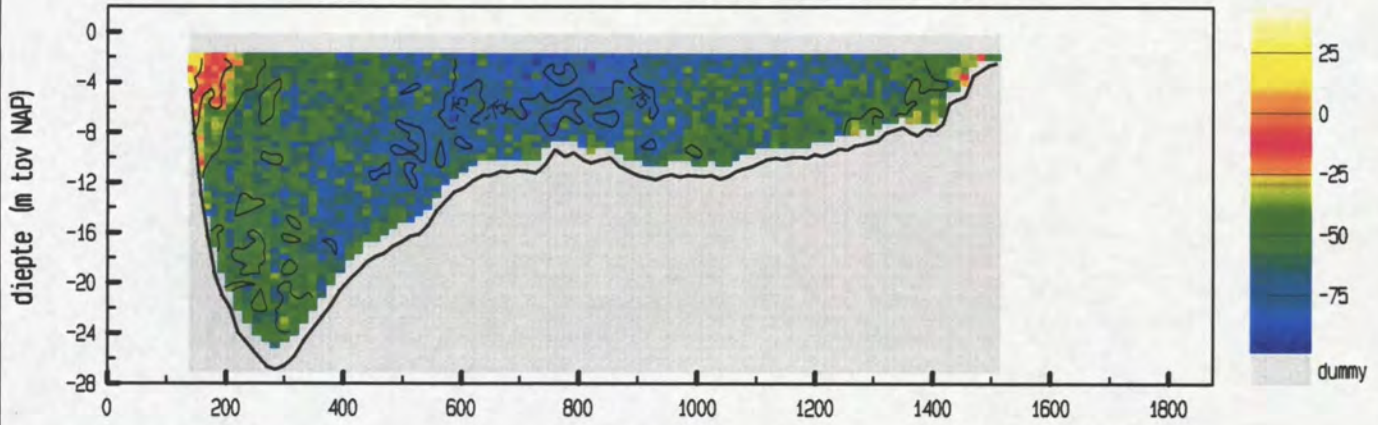
doorstroomoppervlak : 17672 m<sup>2</sup>  
 raadebiet : -10258 m<sup>3</sup>/sec



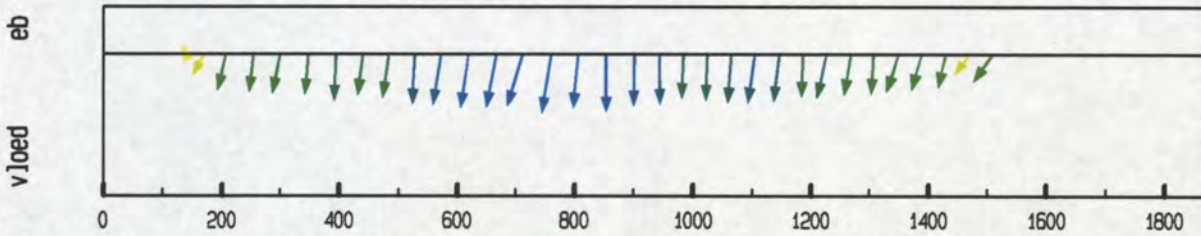




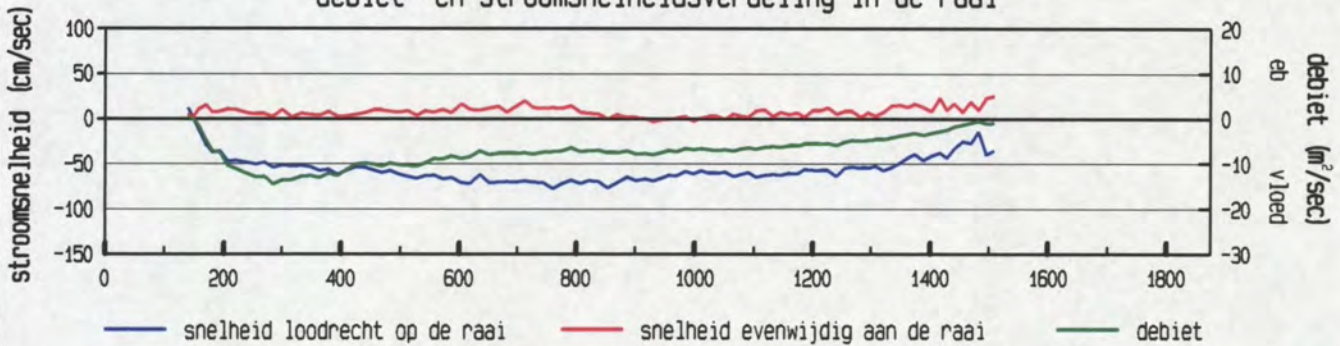
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



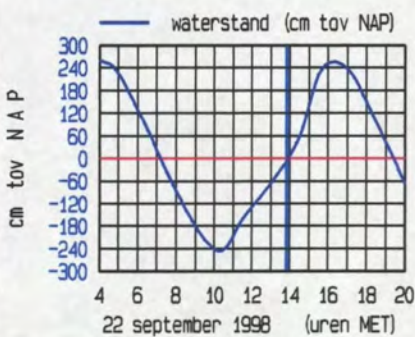
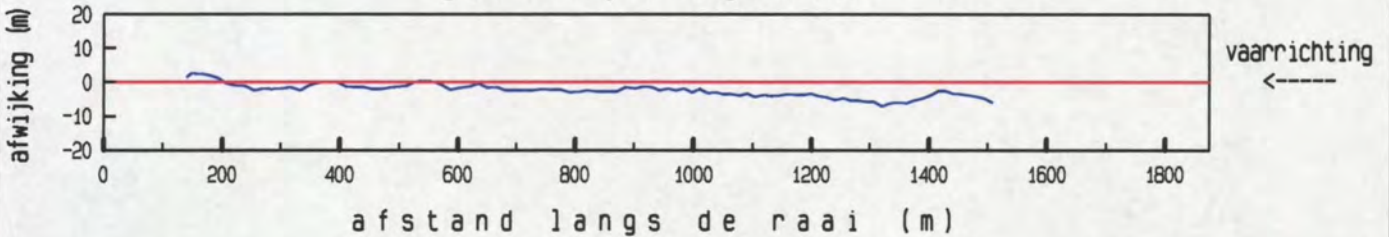
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

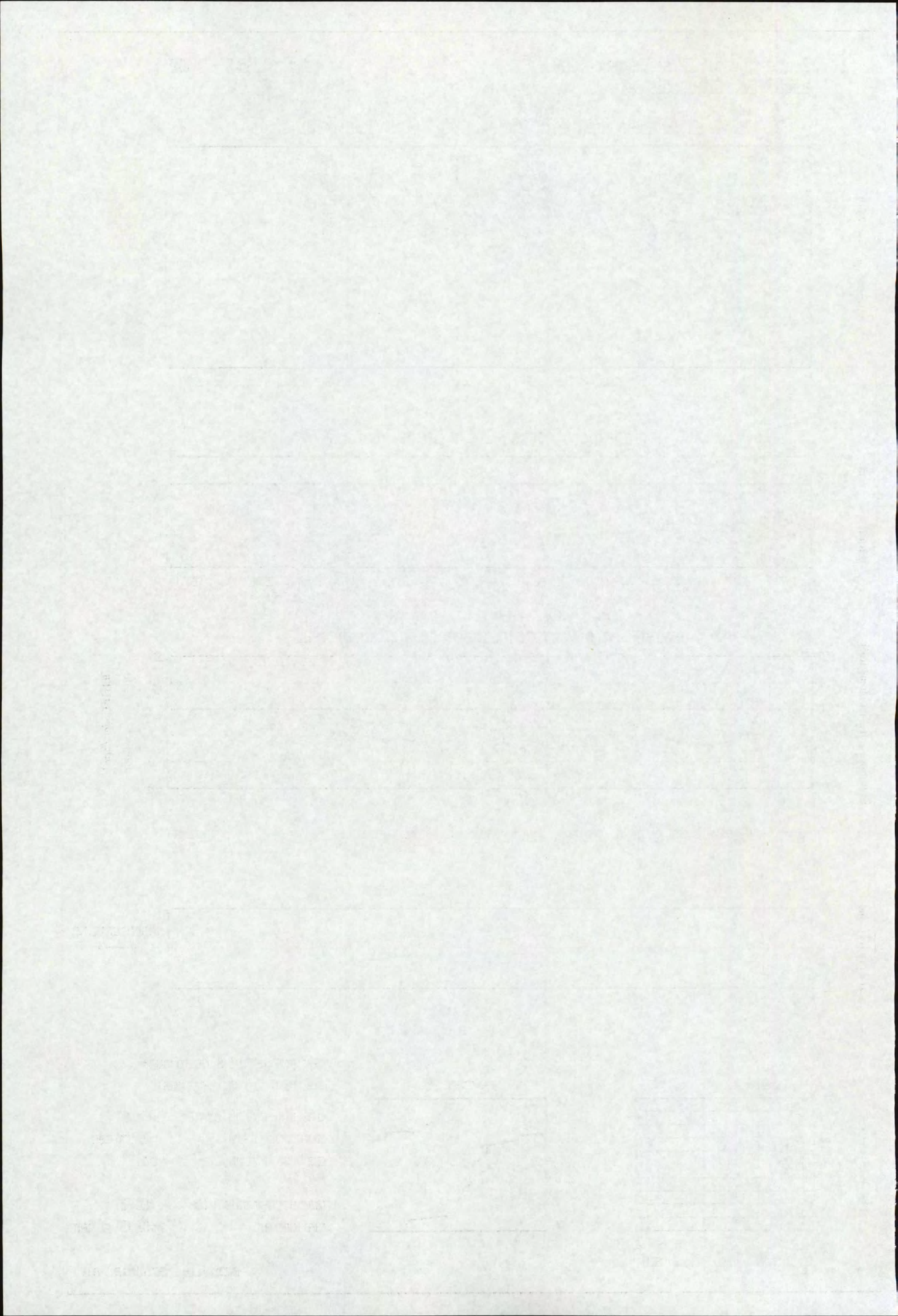


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 760 m  
 stroomsnelheid : 78 cm/sec  
 stroomrichting : 176 °

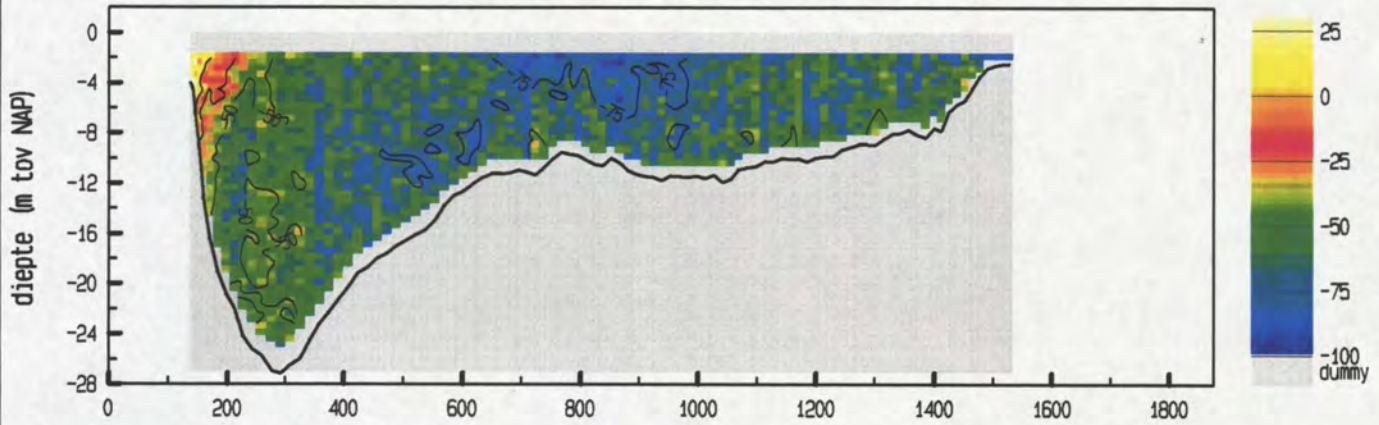
doorstroomoppervlak : 17798 m<sup>2</sup>  
 raaidebiet : -10105 m<sup>3</sup>/sec



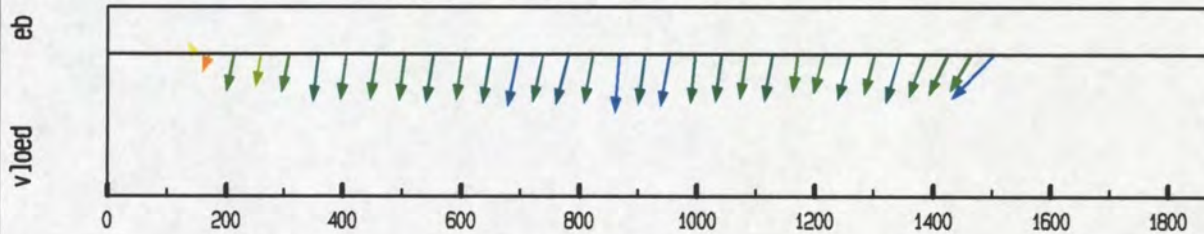




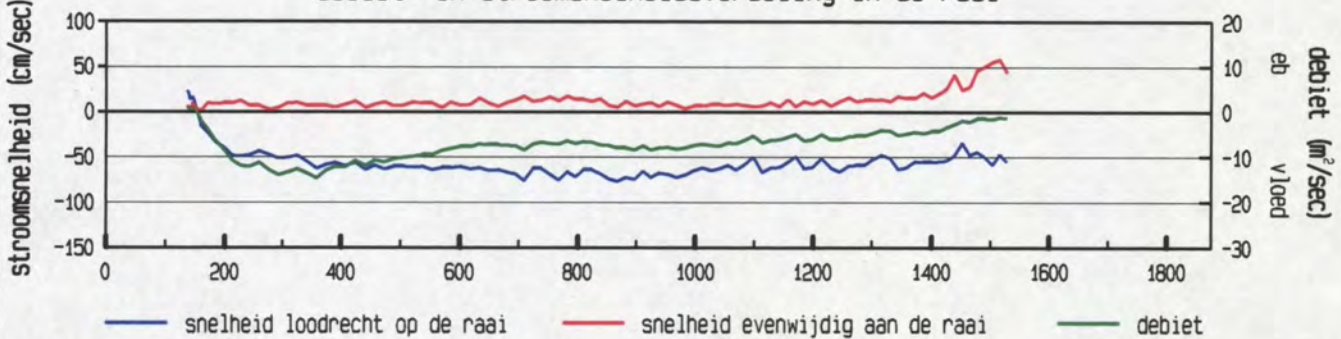
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



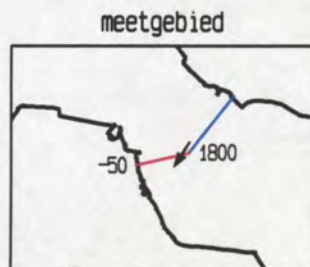
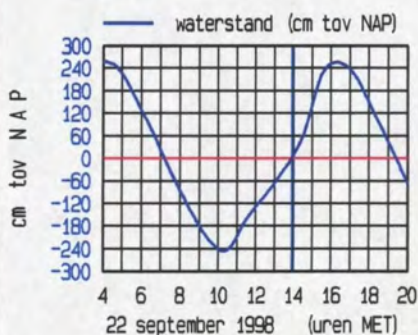
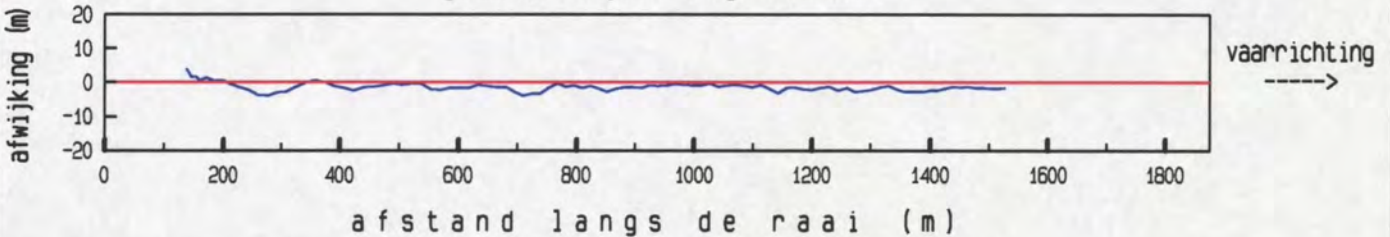
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

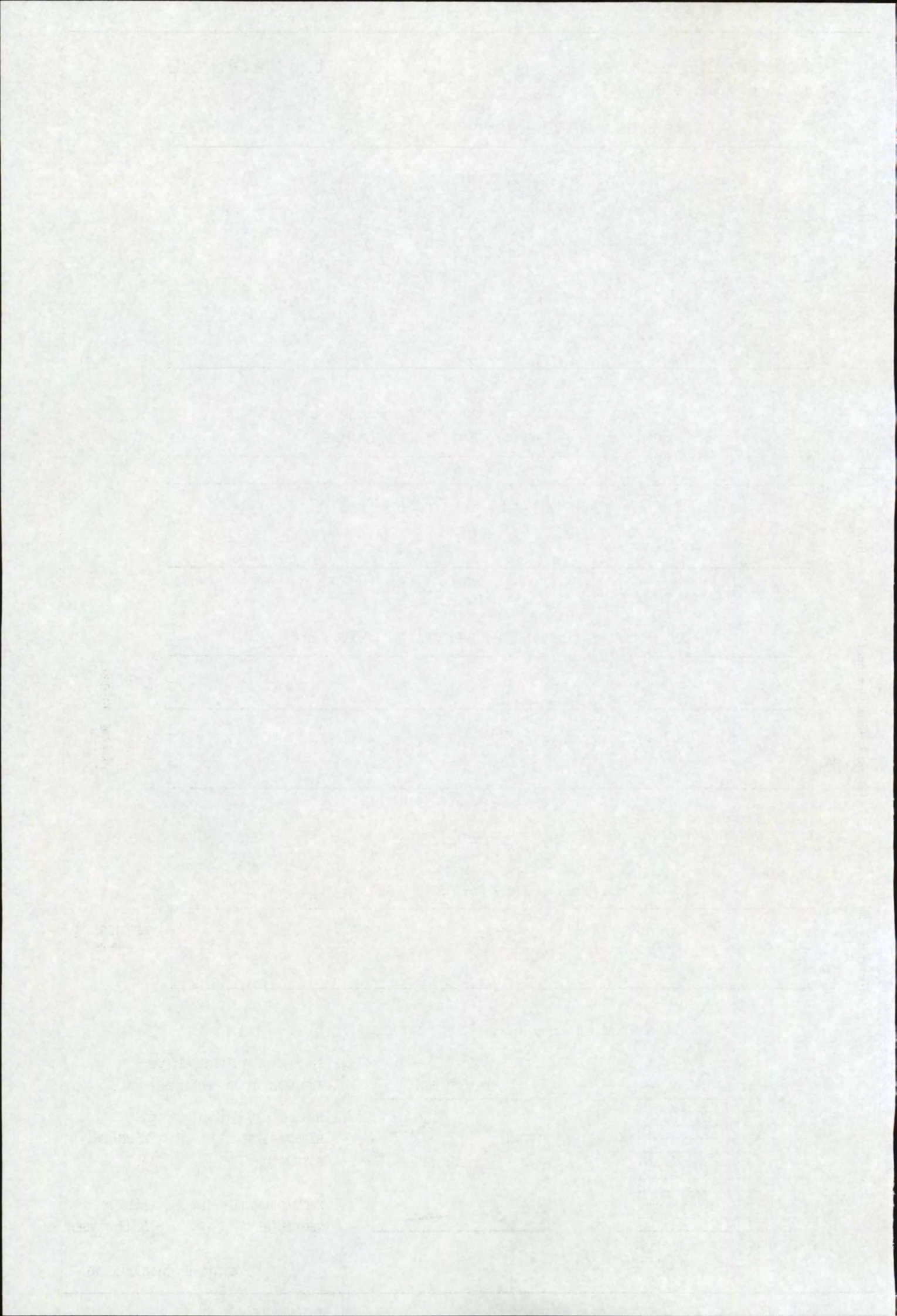


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1503 m  
 stroomsnelheid : 81 cm/sec  
 stroomrichting : 211°

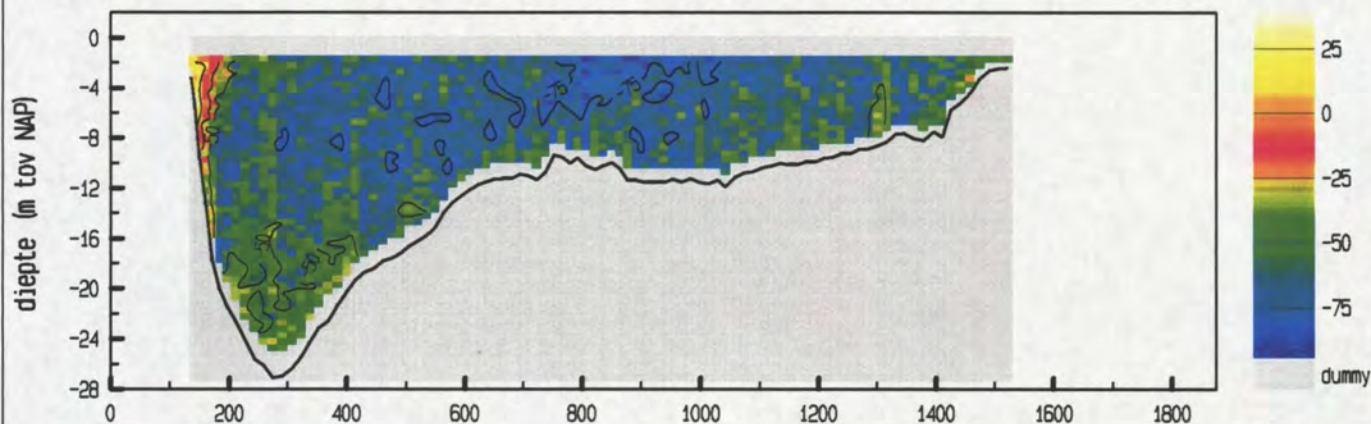
doorstroomoppervlak : 18076 m<sup>2</sup>  
 raaidebiet : -10343 m<sup>3</sup>/sec



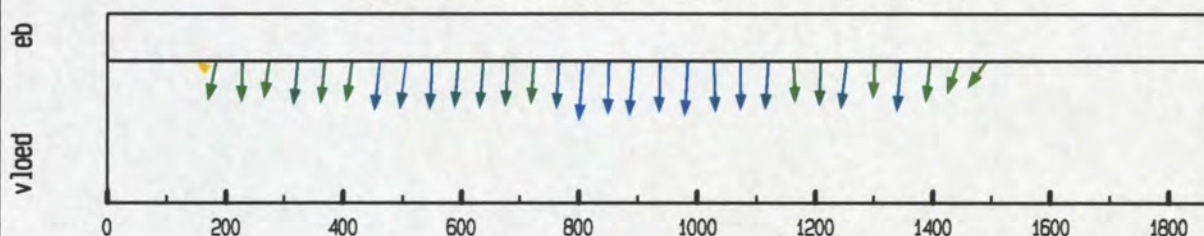




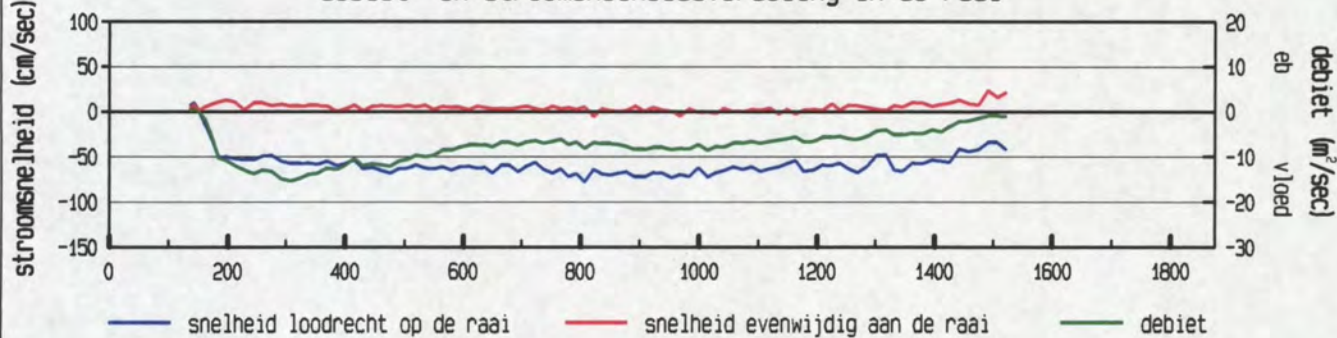
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



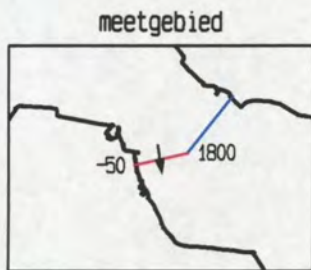
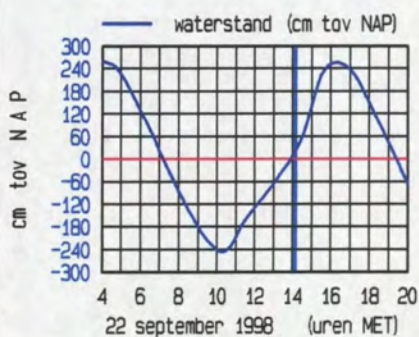
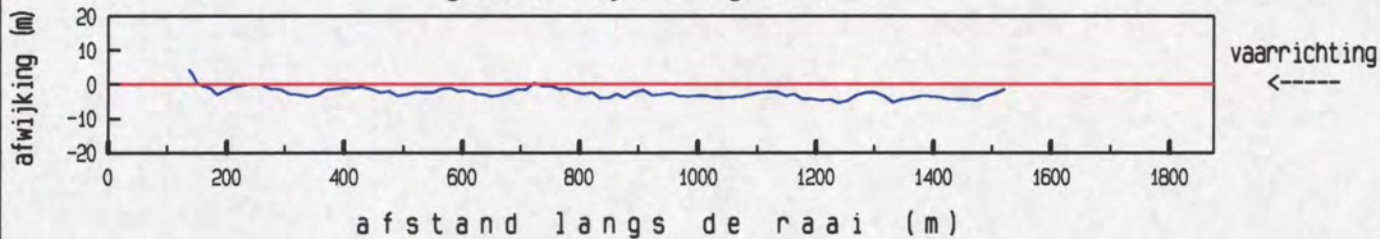
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

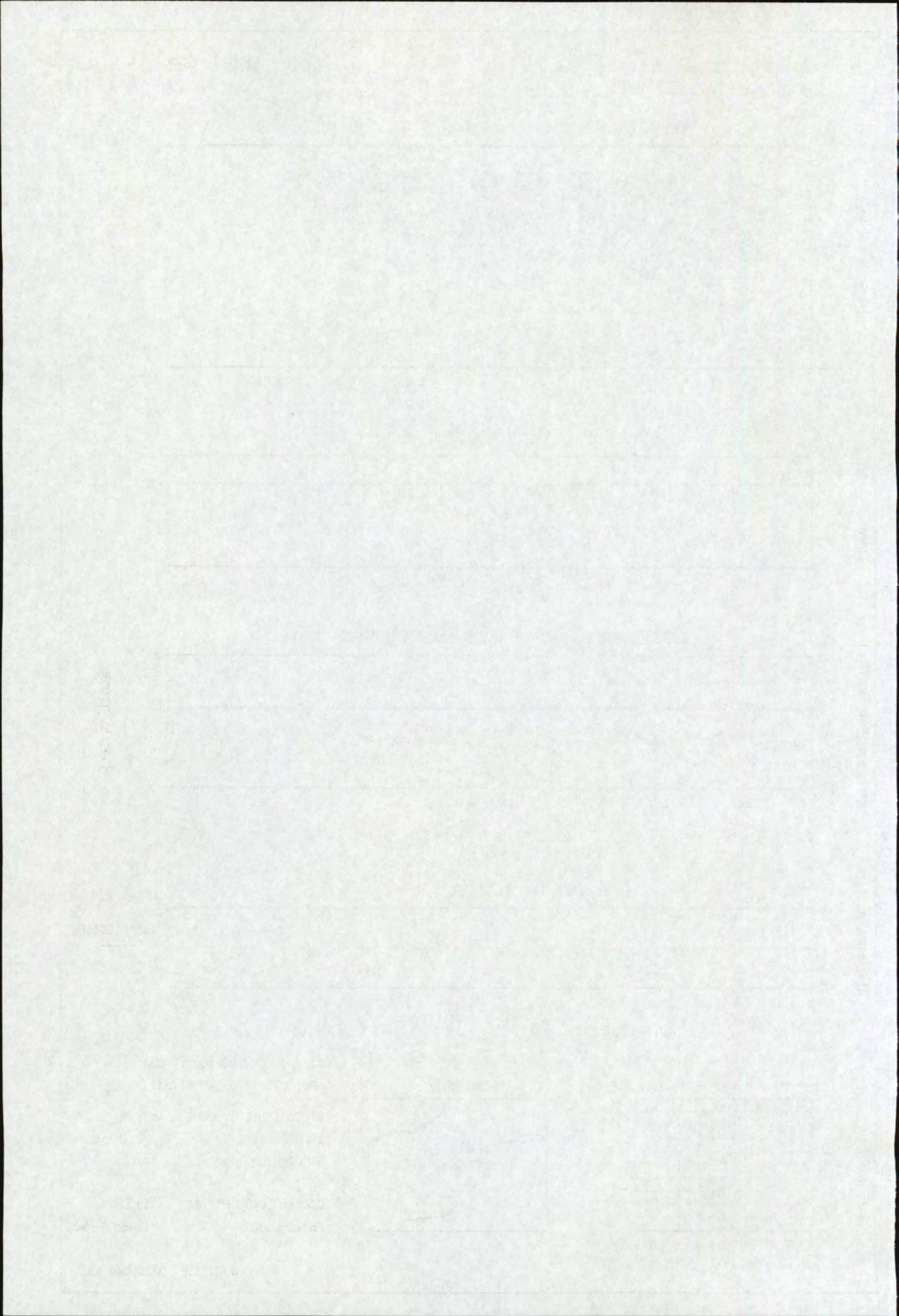


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 807 m  
 stroomsnelheid : 78 cm/sec  
 stroomrichting : 171 °

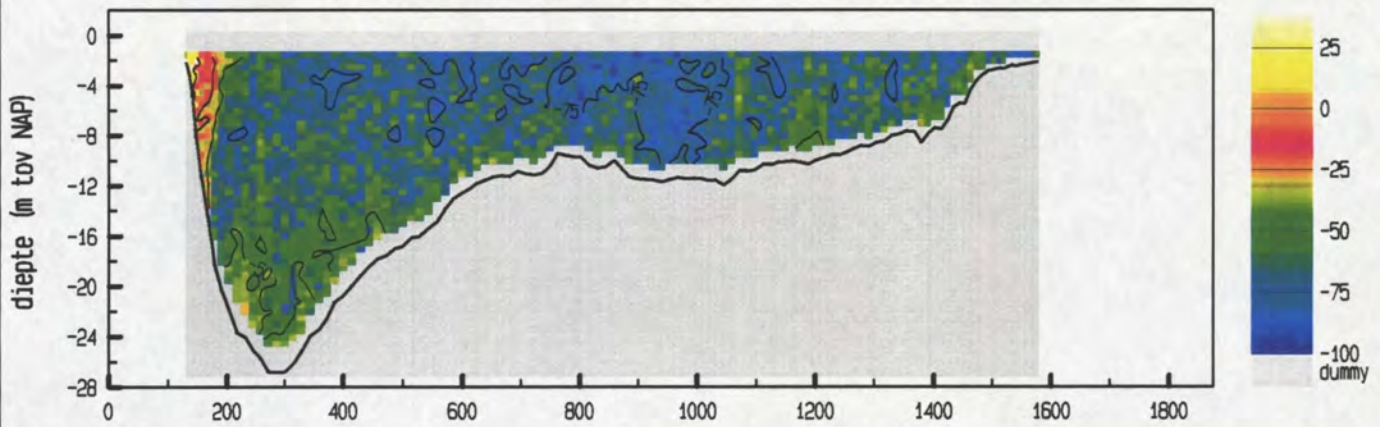
doorstroomoppervlak : 18195 m²  
 raaidebiet : -10685 m³/sec



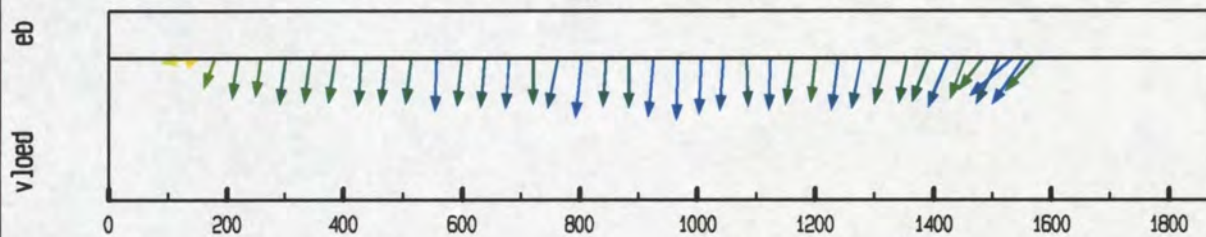




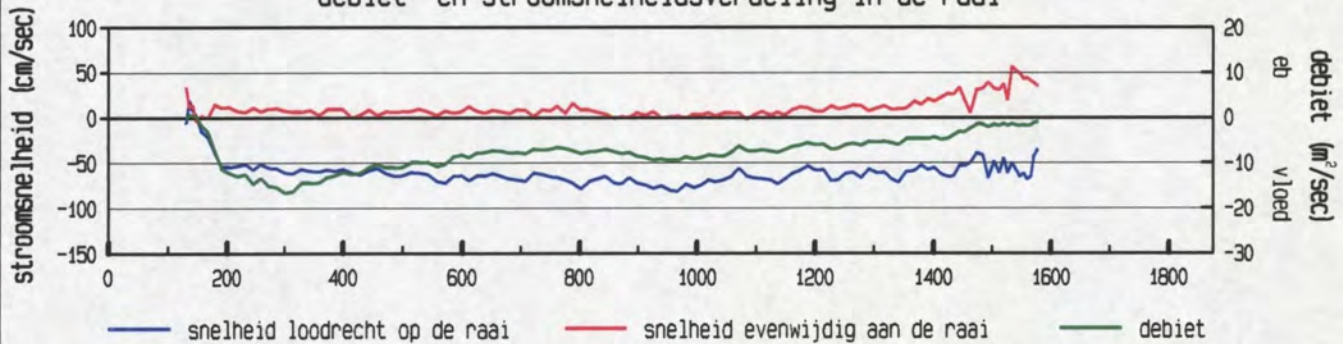
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



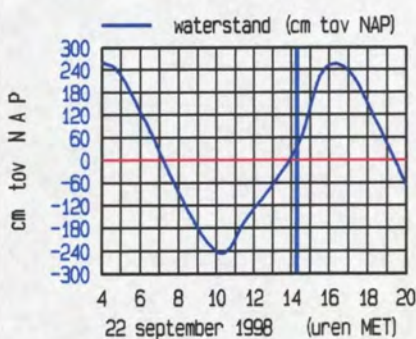
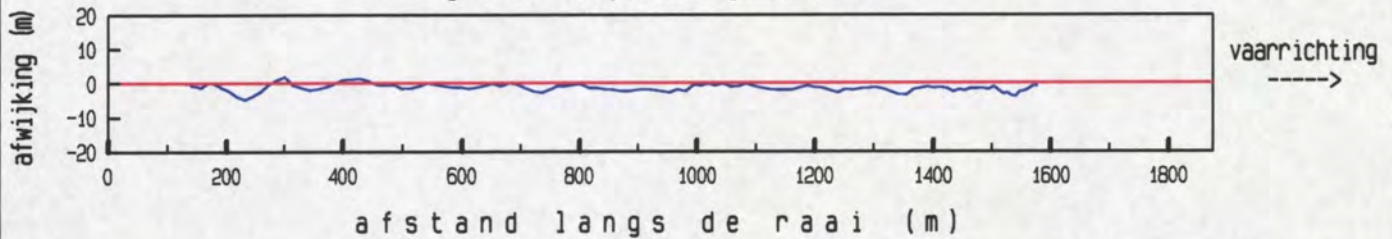
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

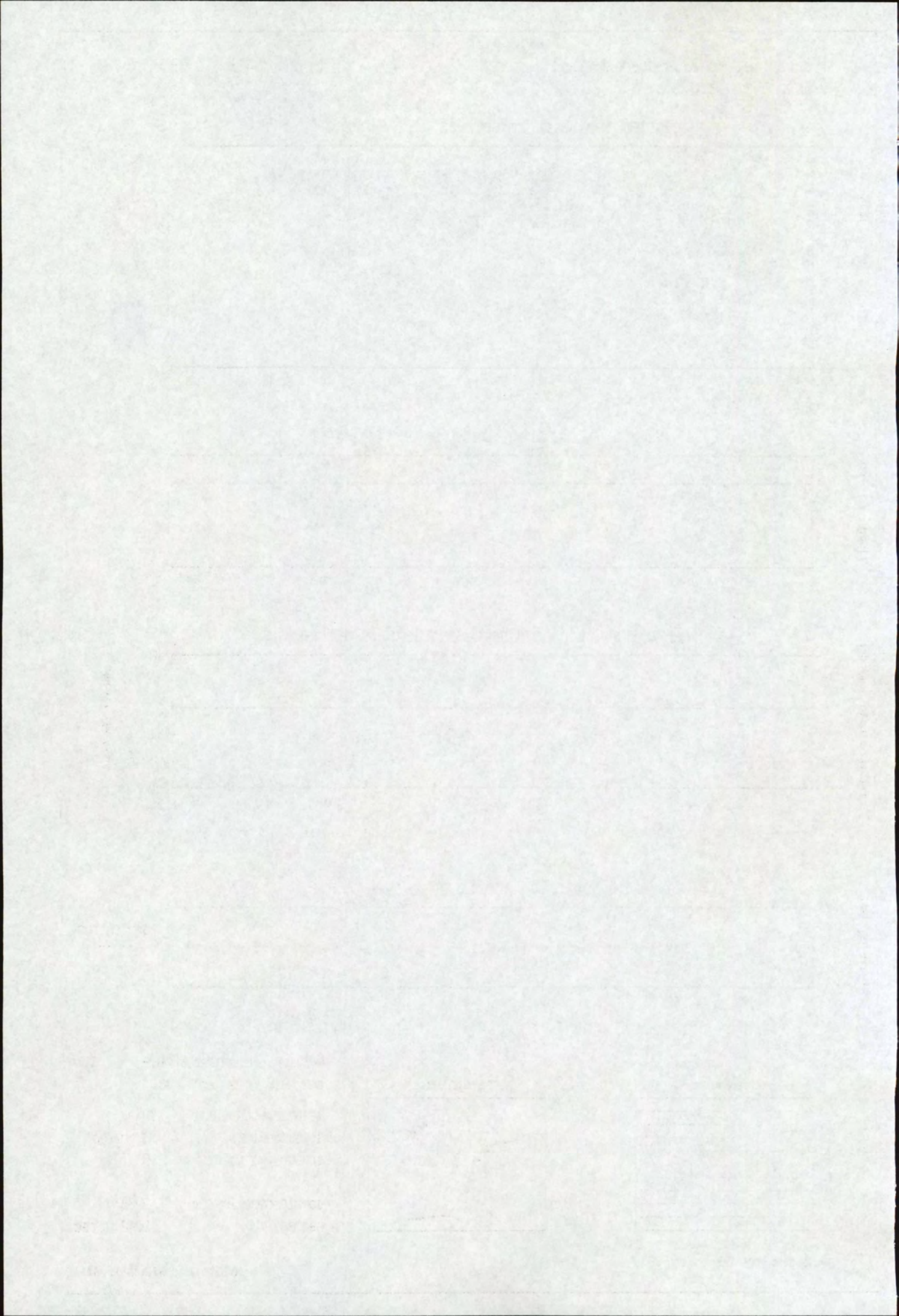


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 967 m  
 stroomsnelheid : 82 cm/sec  
 stroomrichting : 169°

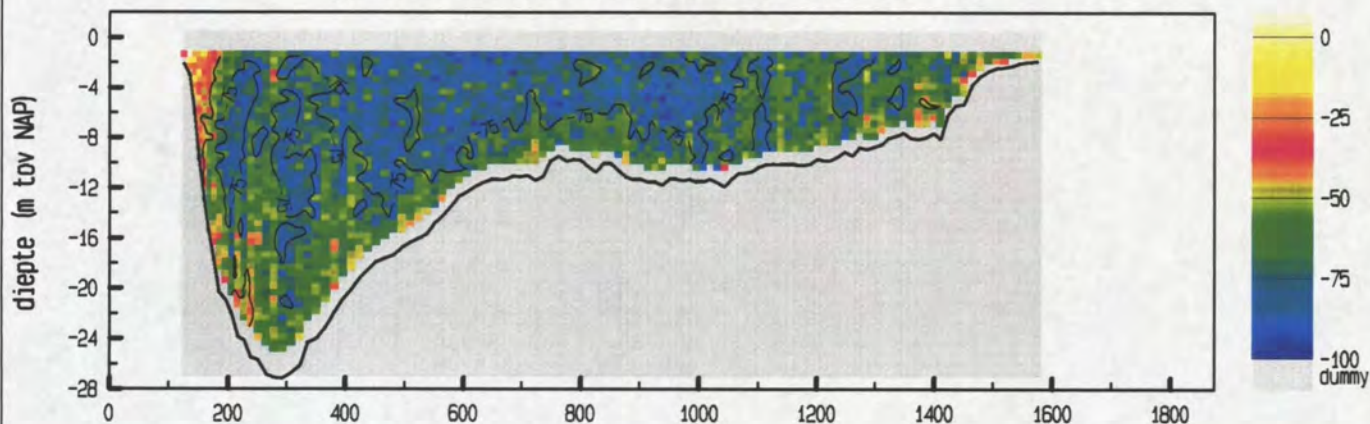
doorstroomoppervlak : 18632 m<sup>2</sup>  
 raaidebiet : -11422 m<sup>3</sup>/sec



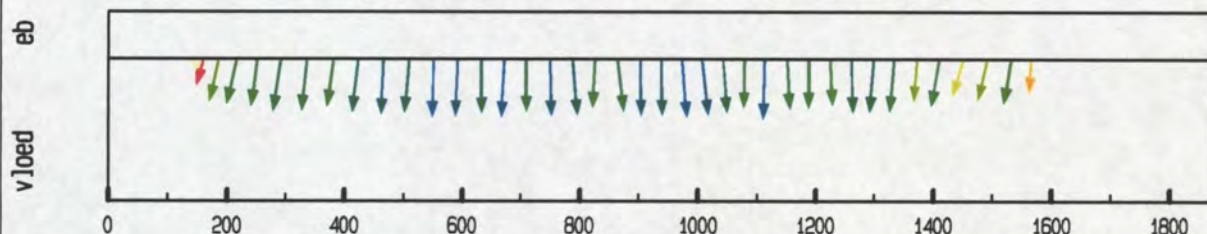




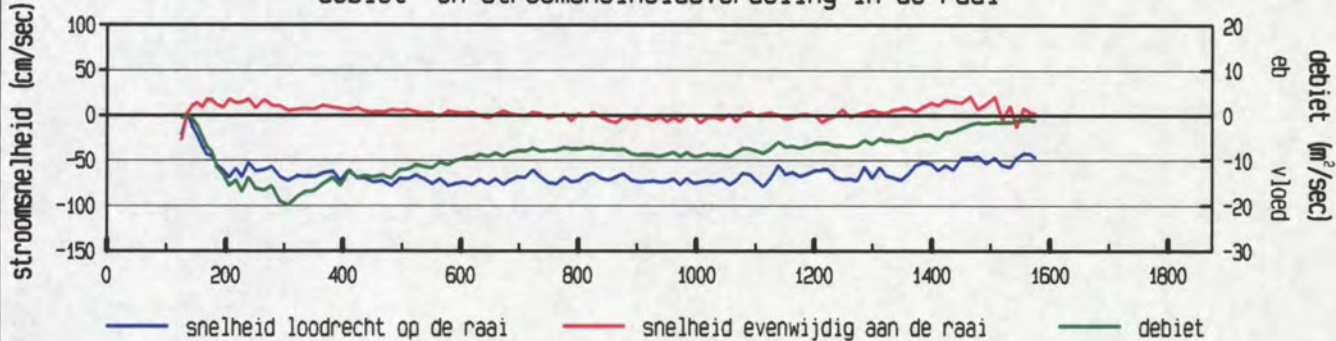
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



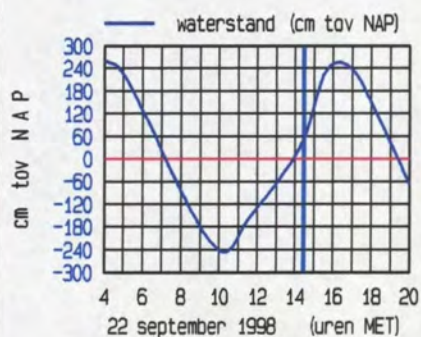
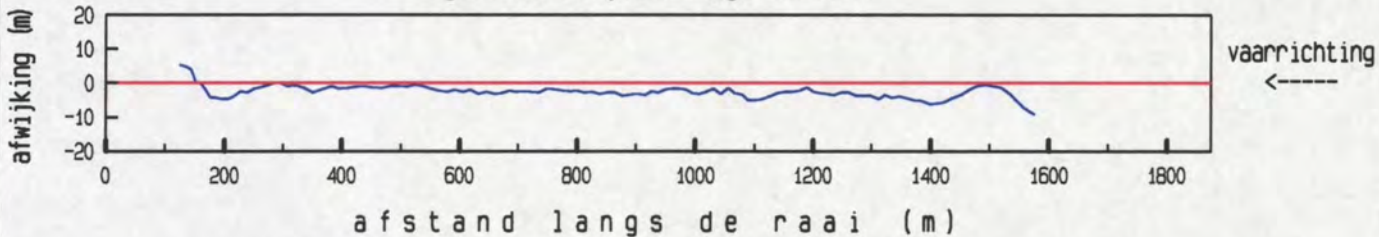
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1113 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 169°

doorstroomoppervlak : 18963 m<sup>2</sup>  
 raaidebiet : -12542 m<sup>3</sup>/sec



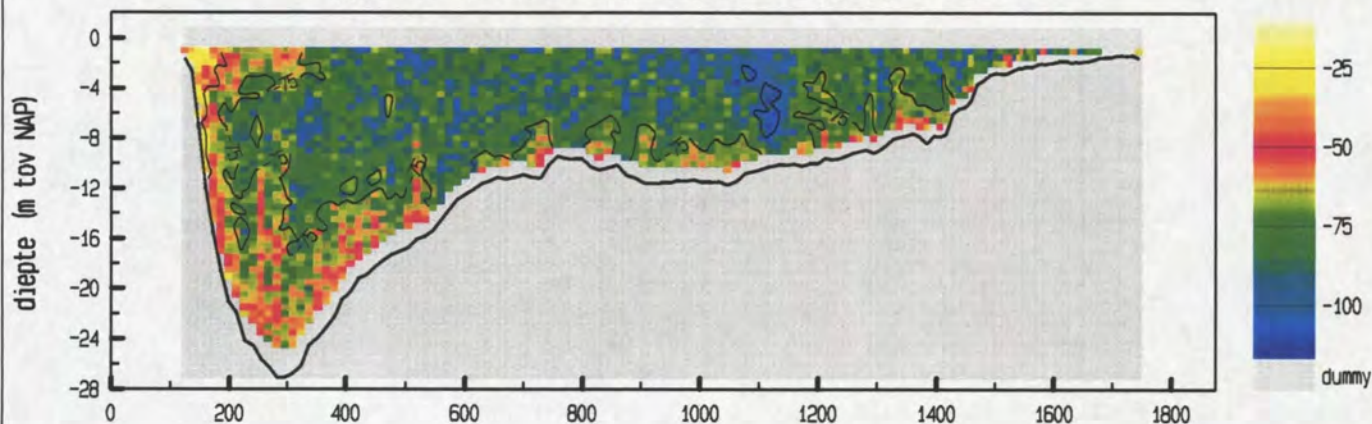




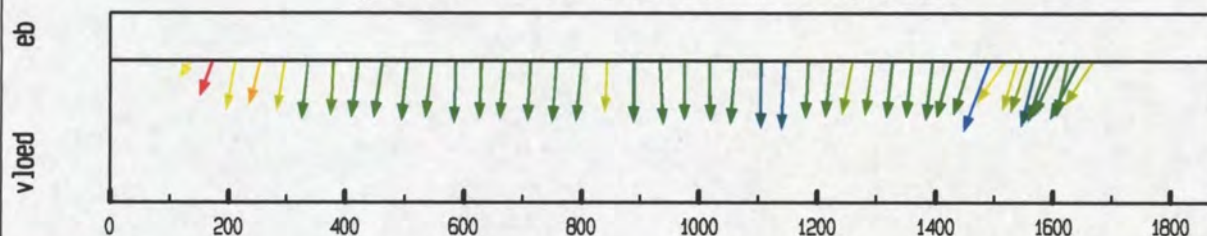
Zuidergat dd 22 september 1998  
 adcpfile : 5azu055a.val

tijd : 1435 - 1447

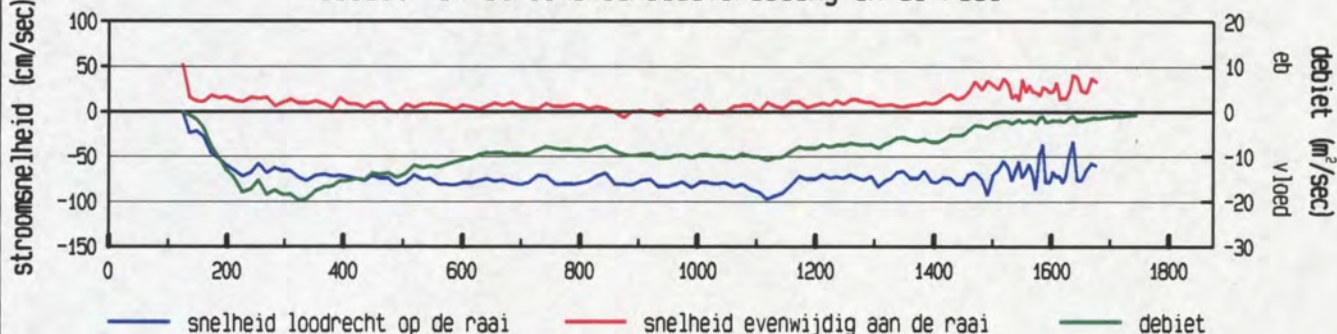
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



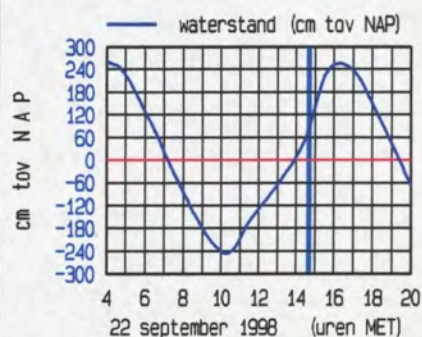
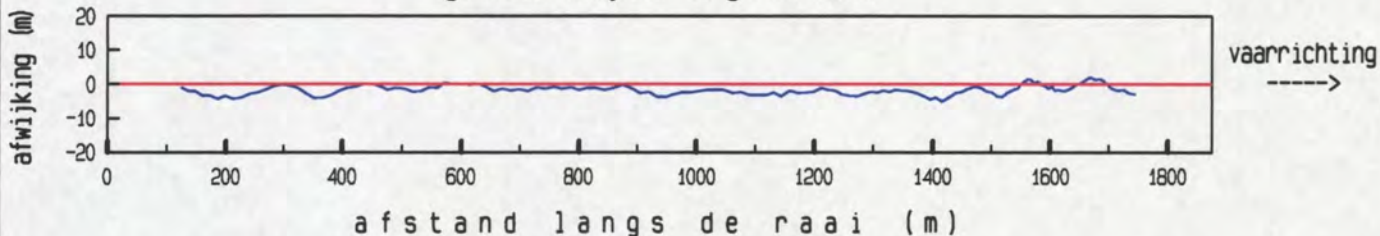
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



meetgebied



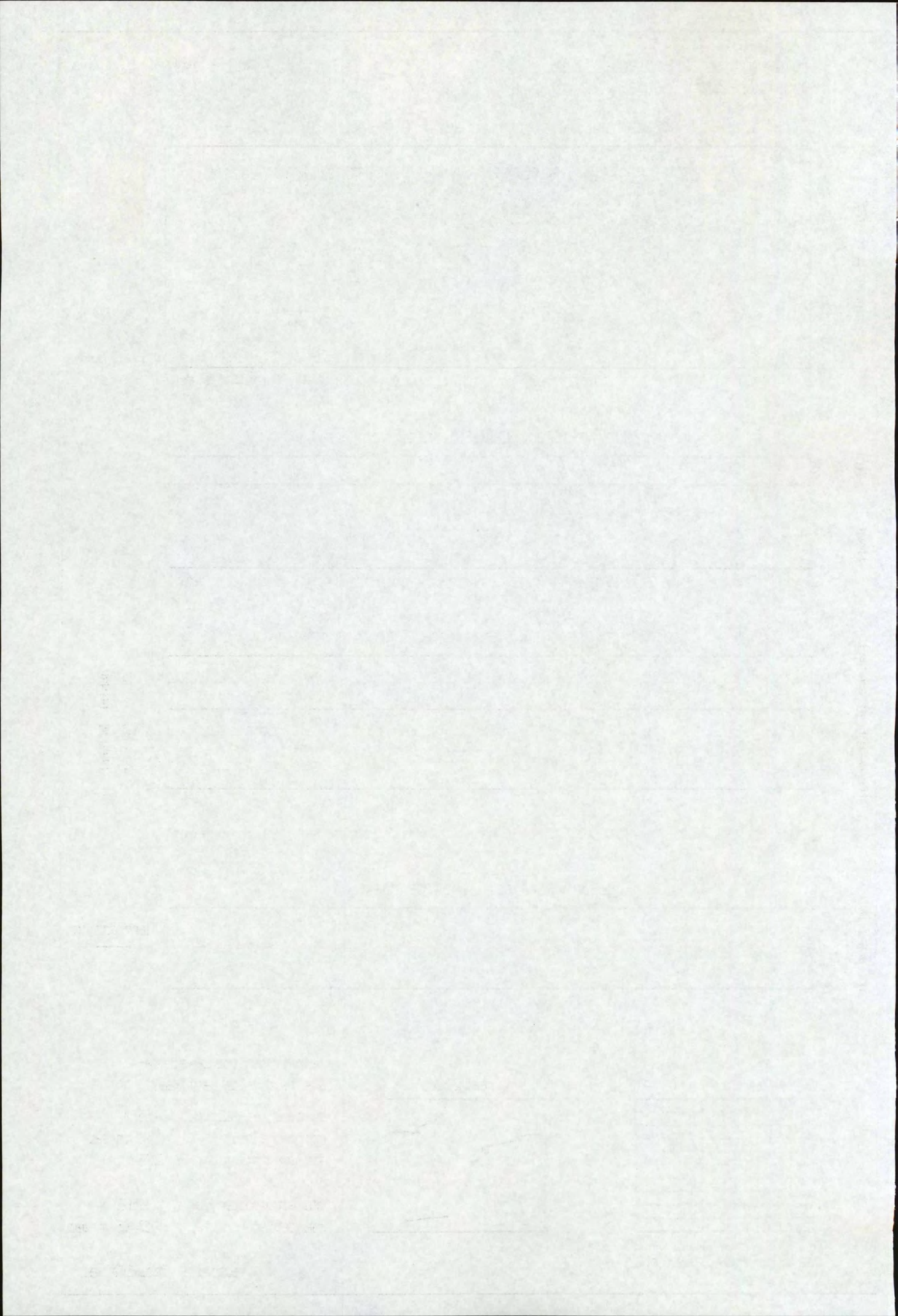
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1492 m  
 stroomsnelheid : 99 cm/sec  
 stroomrichting : 188 °

doorstroomoppervlak : 19815 m²  
 raaidebiet : -14408 m³/sec

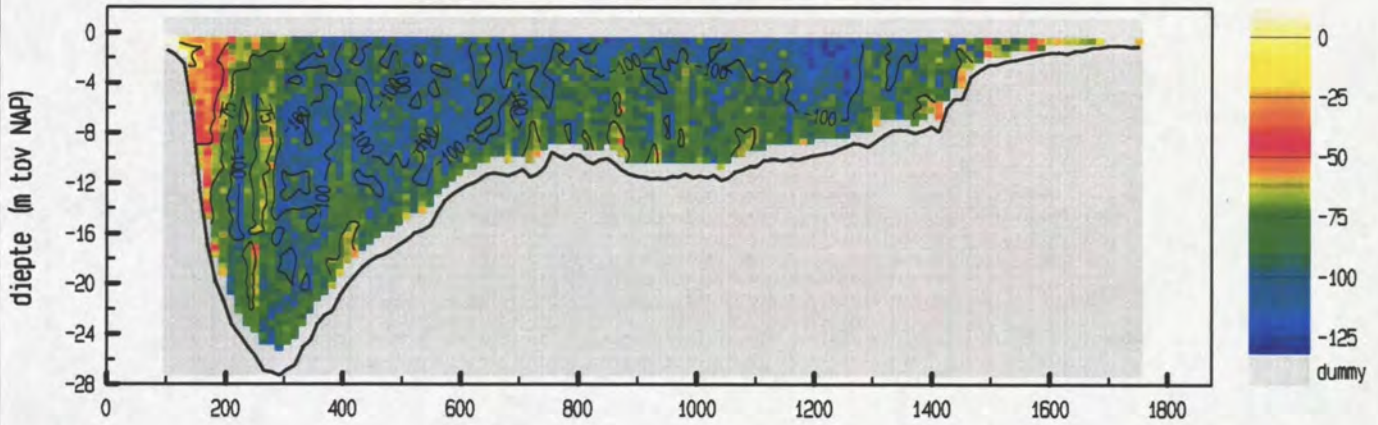
adcpfile : 5azu055a.val



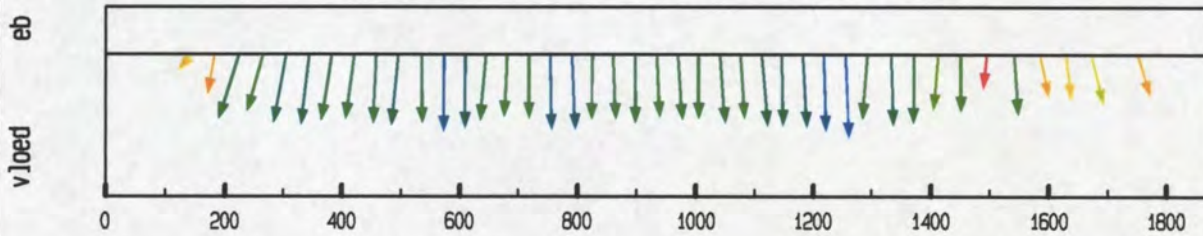




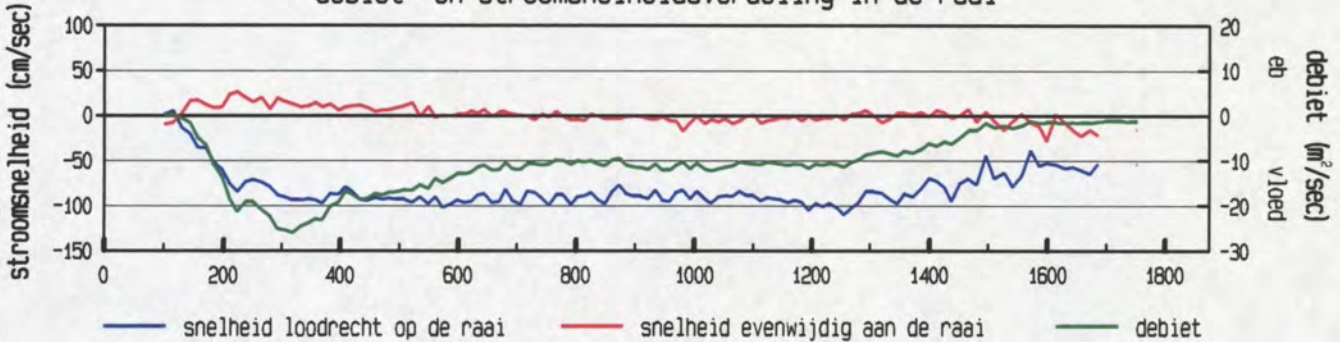
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



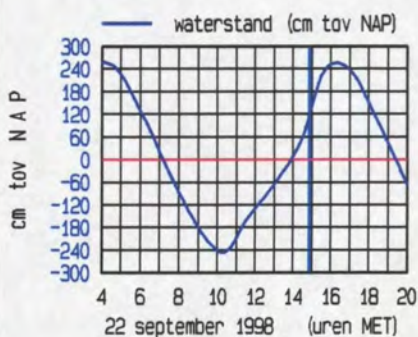
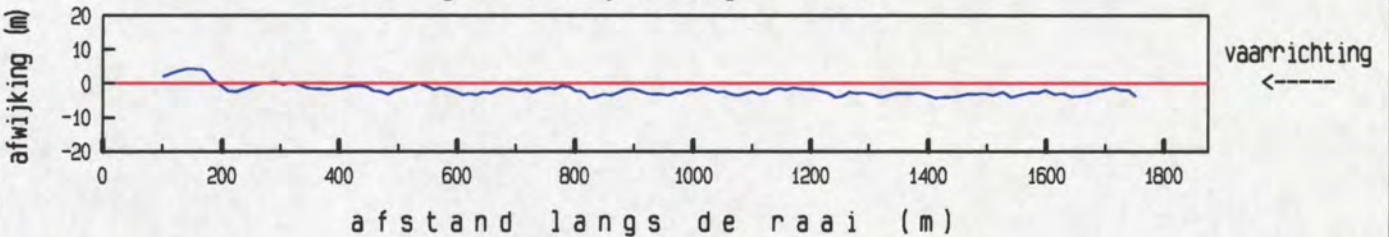
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



meetgebied



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 1255 m  
 stroomsnelheid : 110 cm/sec  
 stroomrichting : 165°

doorstroomoppervlak : 20566 m<sup>2</sup>  
 raaidebiet : -17435 m<sup>3</sup>/sec

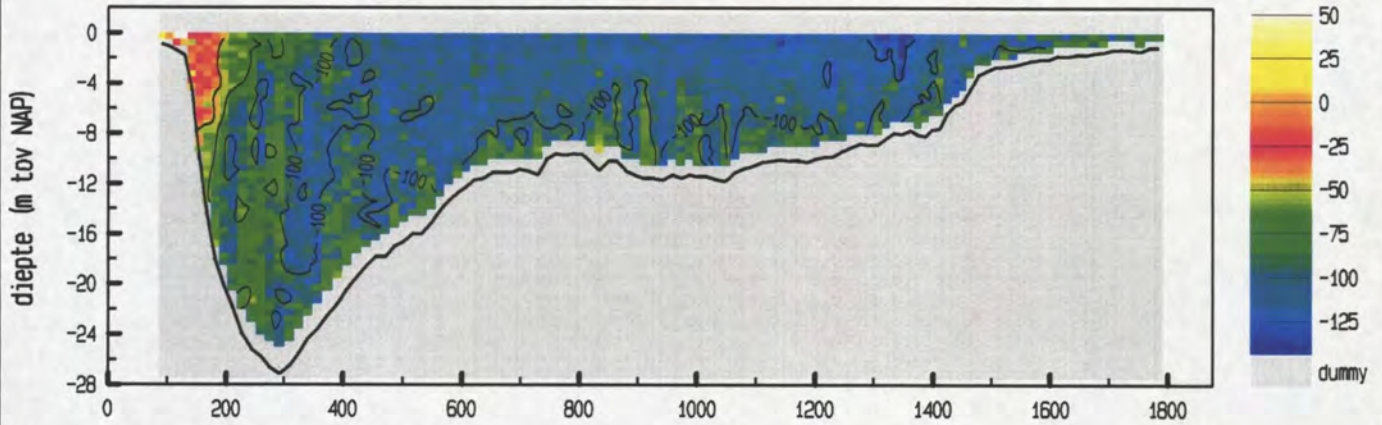


1880

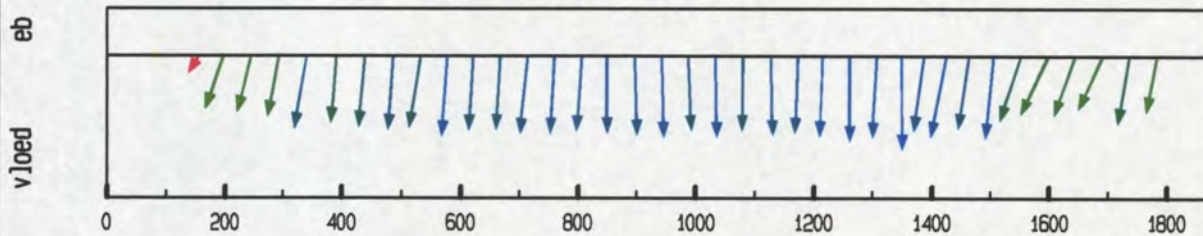
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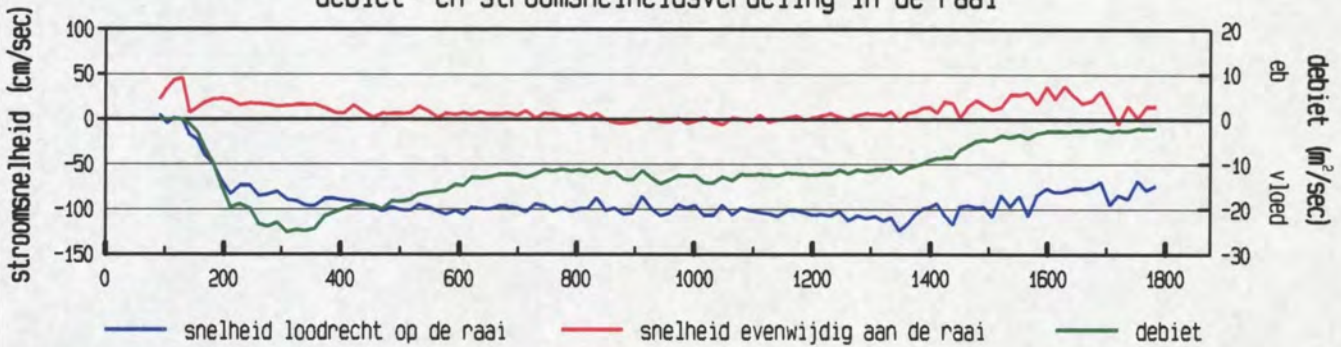
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



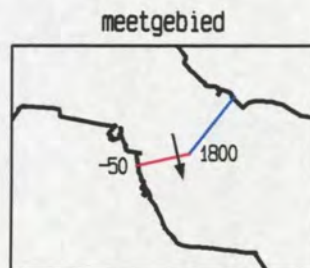
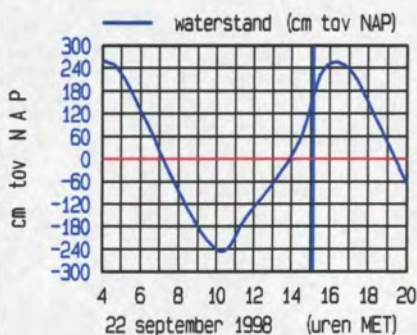
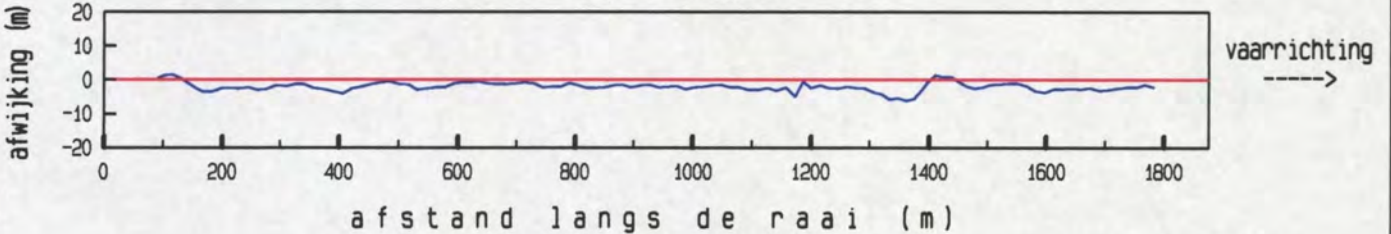
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1348 m  
 stroomsnelheid : 123 cm/sec  
 stroomrichting : 167 °

doorstroomoppervlak : 21199 m<sup>2</sup>  
 raaidebiet : -19703 m<sup>3</sup>/sec



1000

1000

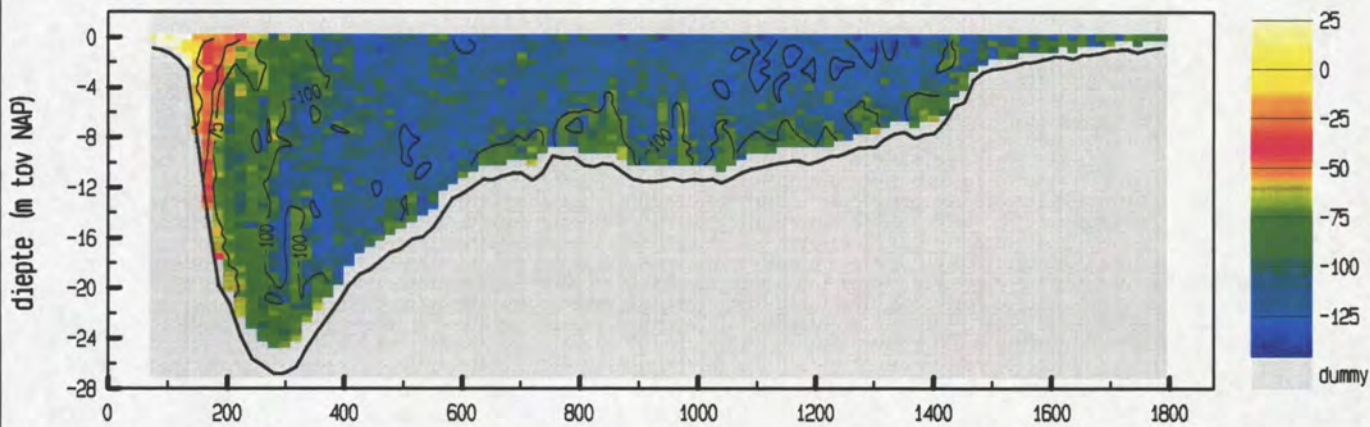
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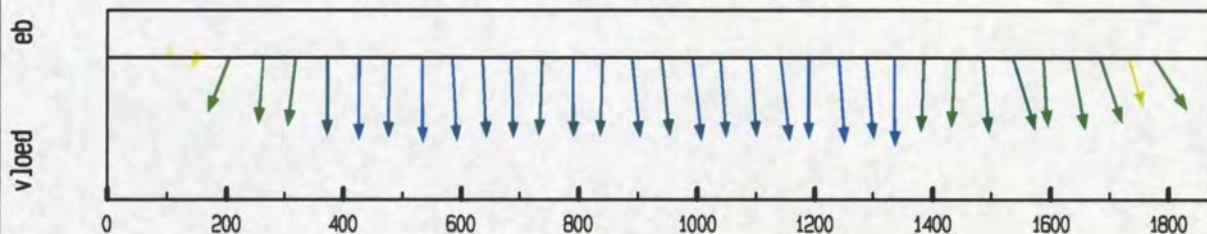
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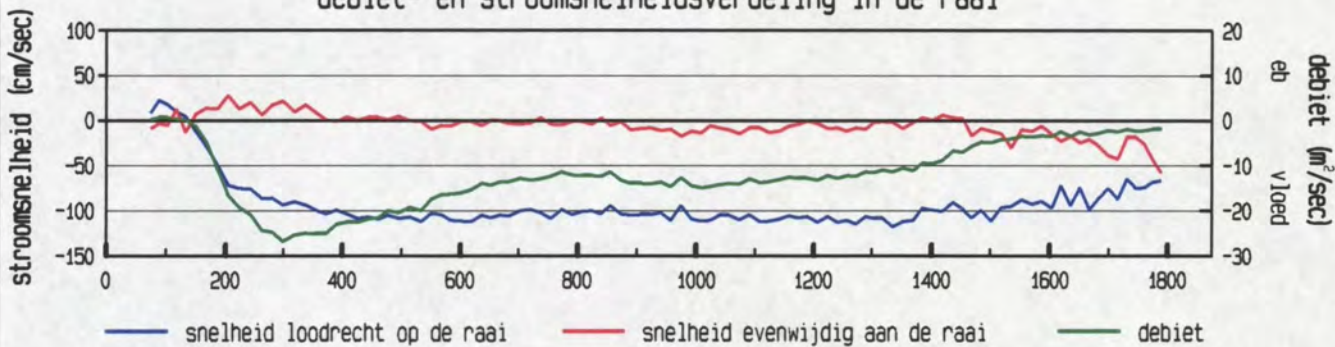
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



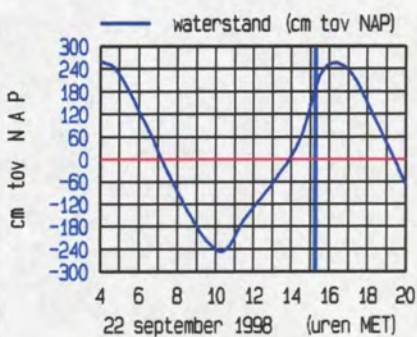
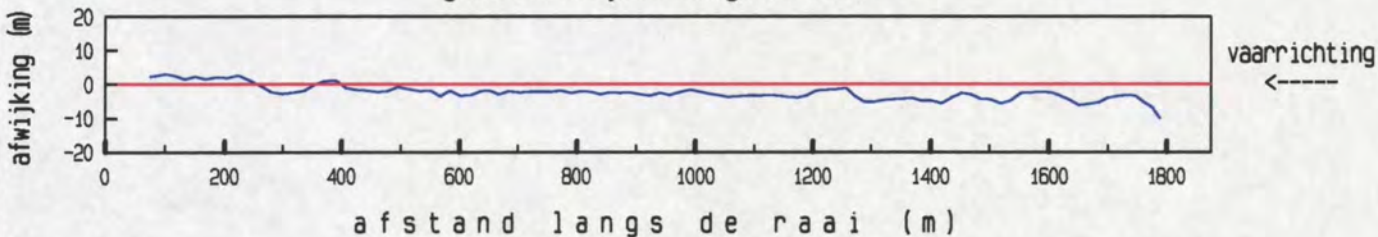
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1335 m  
 stroomsnelheid : 117 cm/sec  
 stroomrichting : 167 °

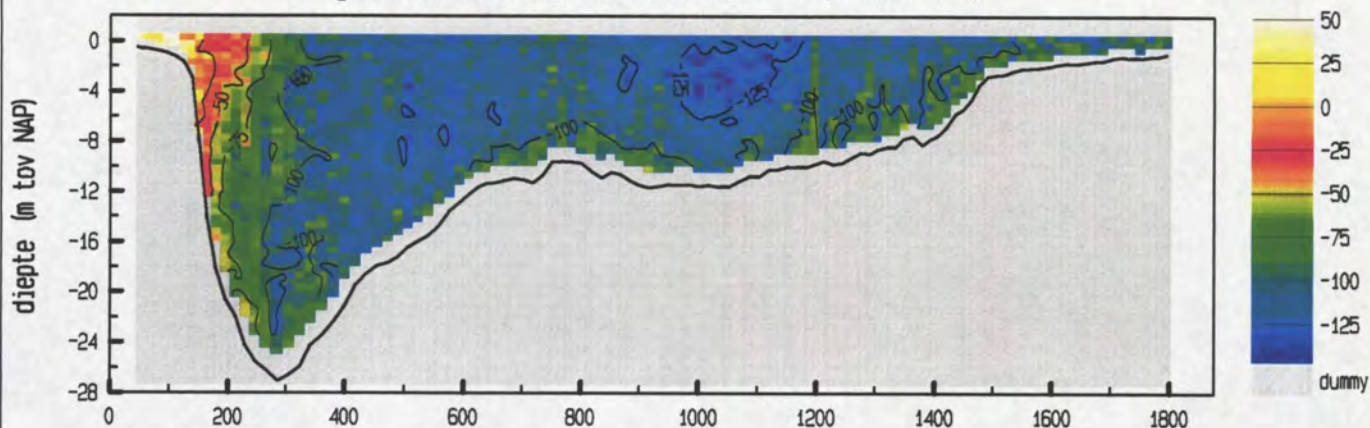
doorstroomoppervlak : 21641 m<sup>2</sup>  
 raaidebiet : -20831 m<sup>3</sup>/sec



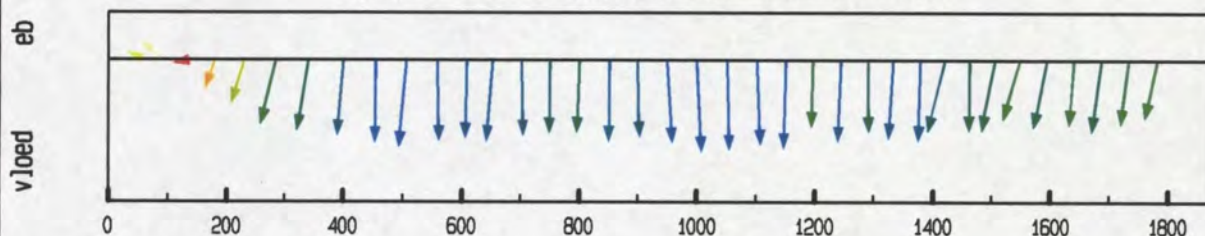
1875



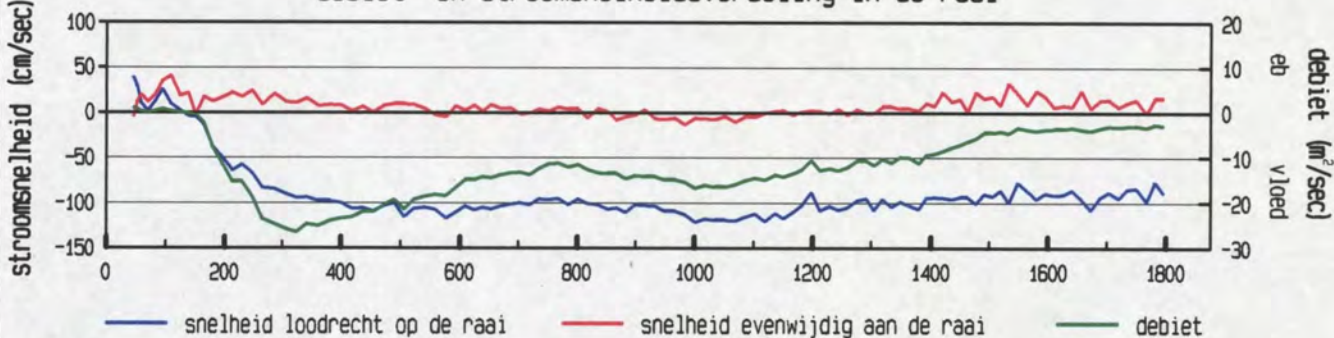
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



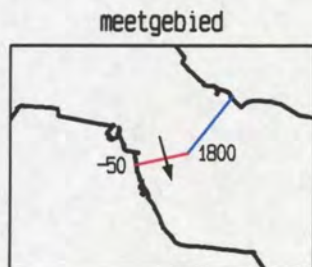
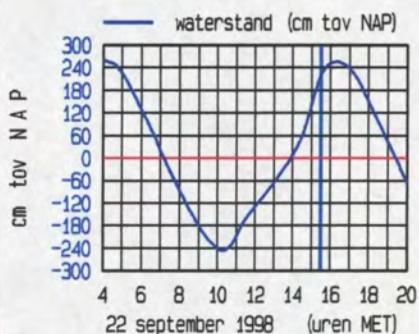
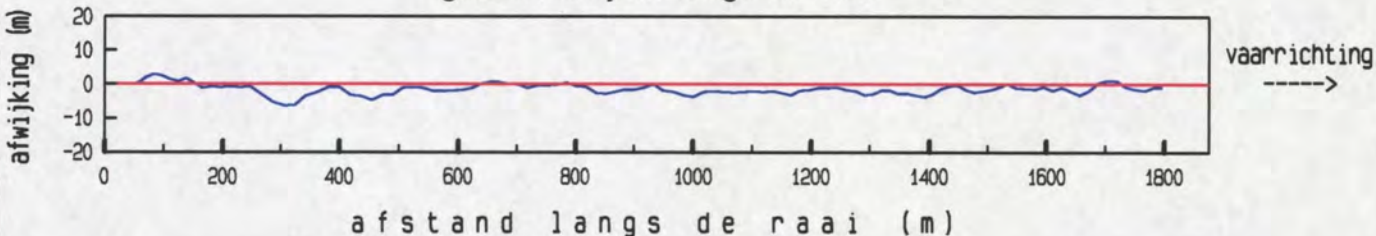
gemiddelde stroomsnelheid in de verticaleal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 1001 m

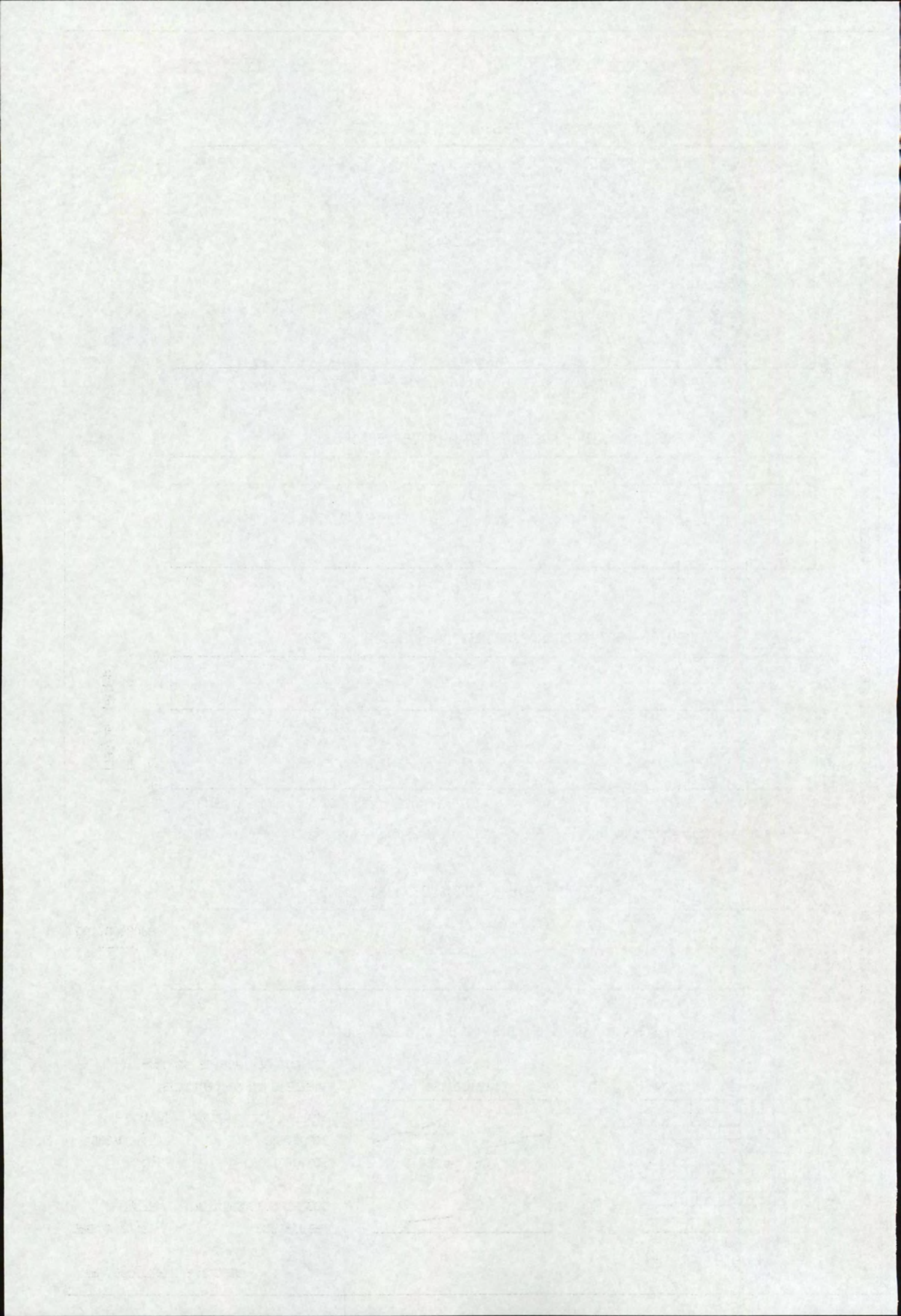
stroomsnelheid : 121 cm/sec

stroomrichting : 165°

doorstroomoppervlak : 22360 m²

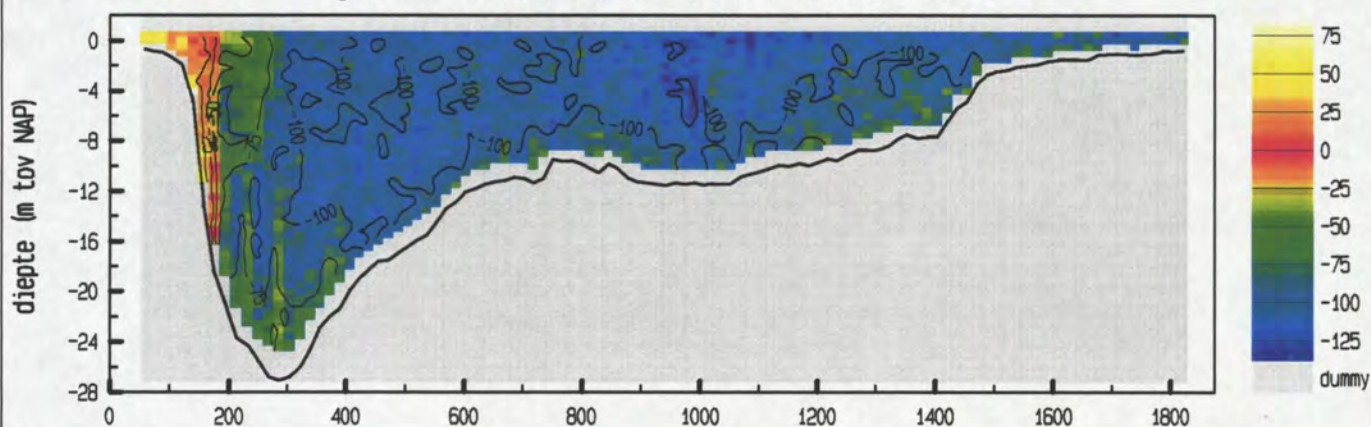
raaidebiet : -21112 m³/sec



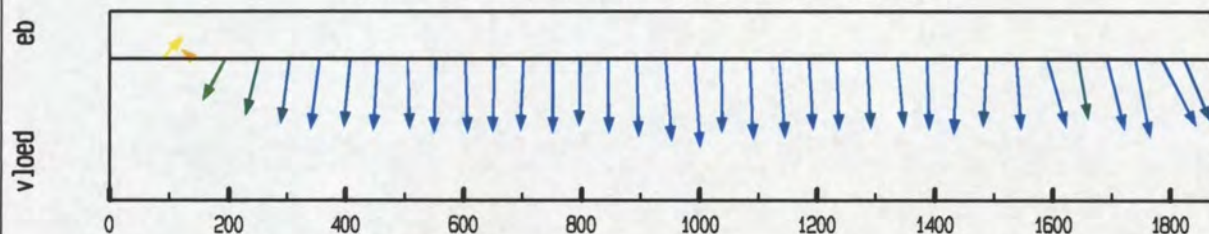




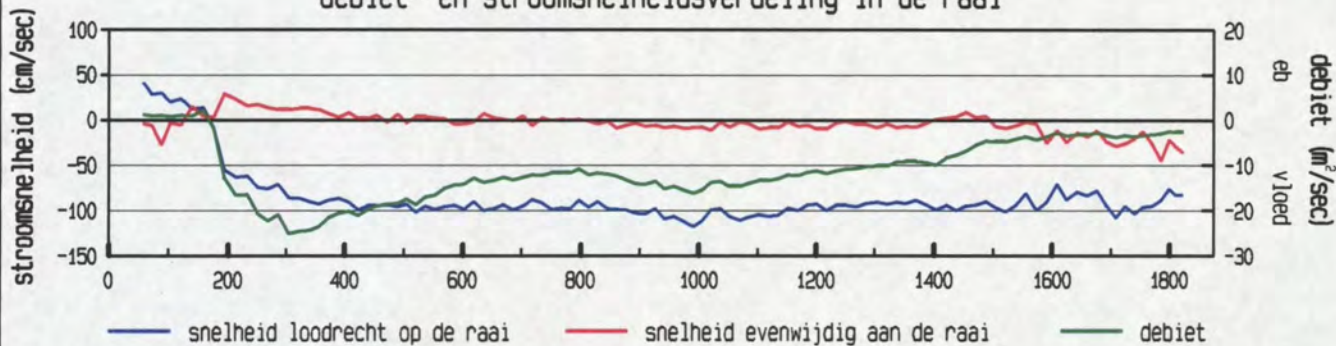
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



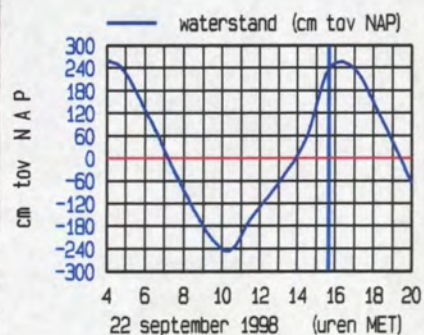
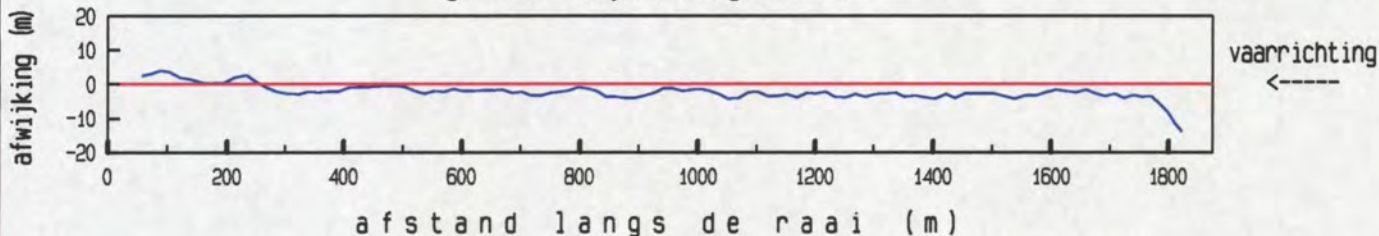
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 990 m  
 stroomsnelheid : 118 cm/sec  
 stroomrichting : 163 °

doorstroomoppervlak : 22595 m<sup>2</sup>  
 raaidebiet : -19643 m<sup>3</sup>/sec



1000

1000

1000

1000

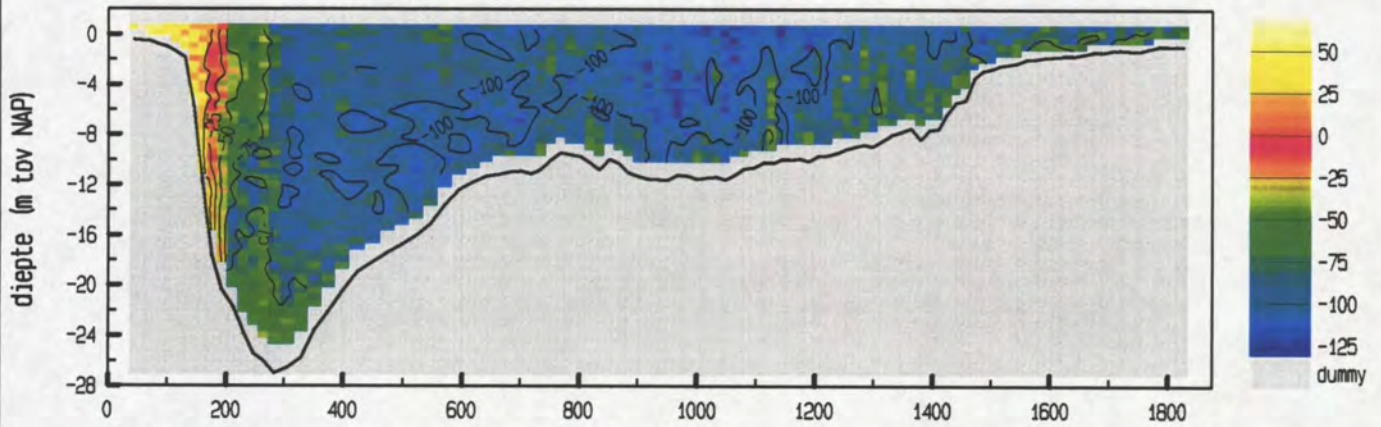
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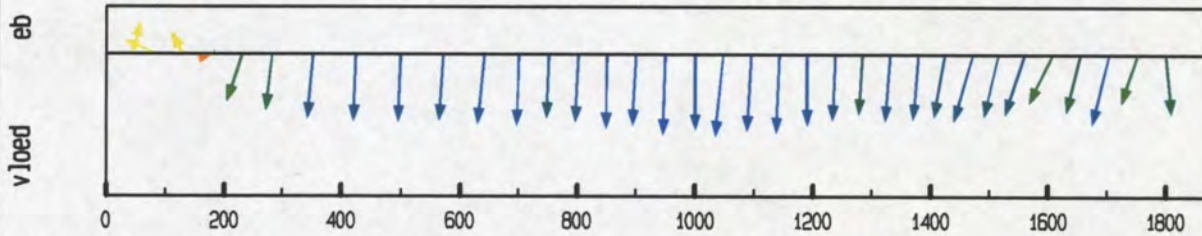
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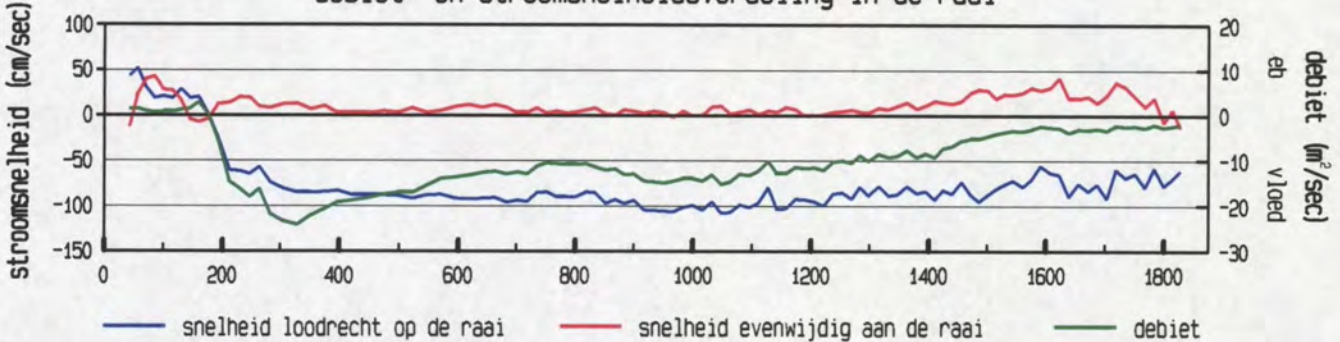
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



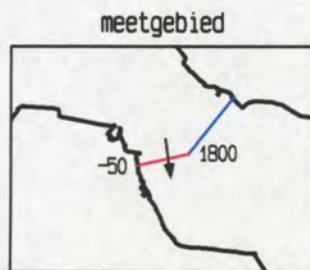
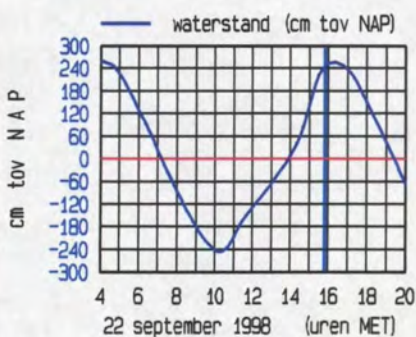
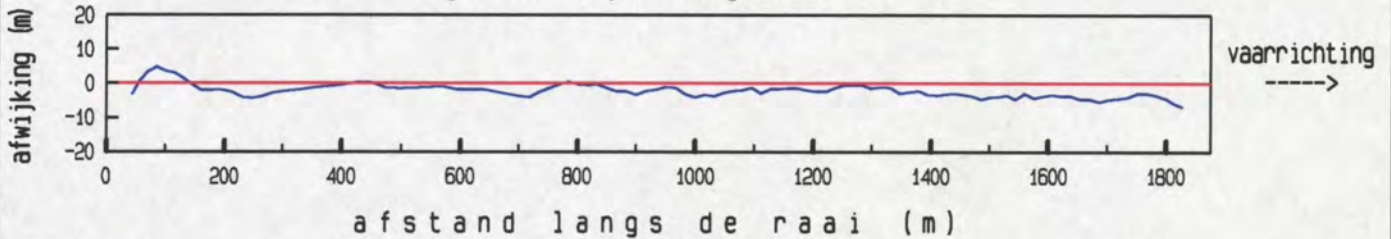
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaaren traject langs de raai

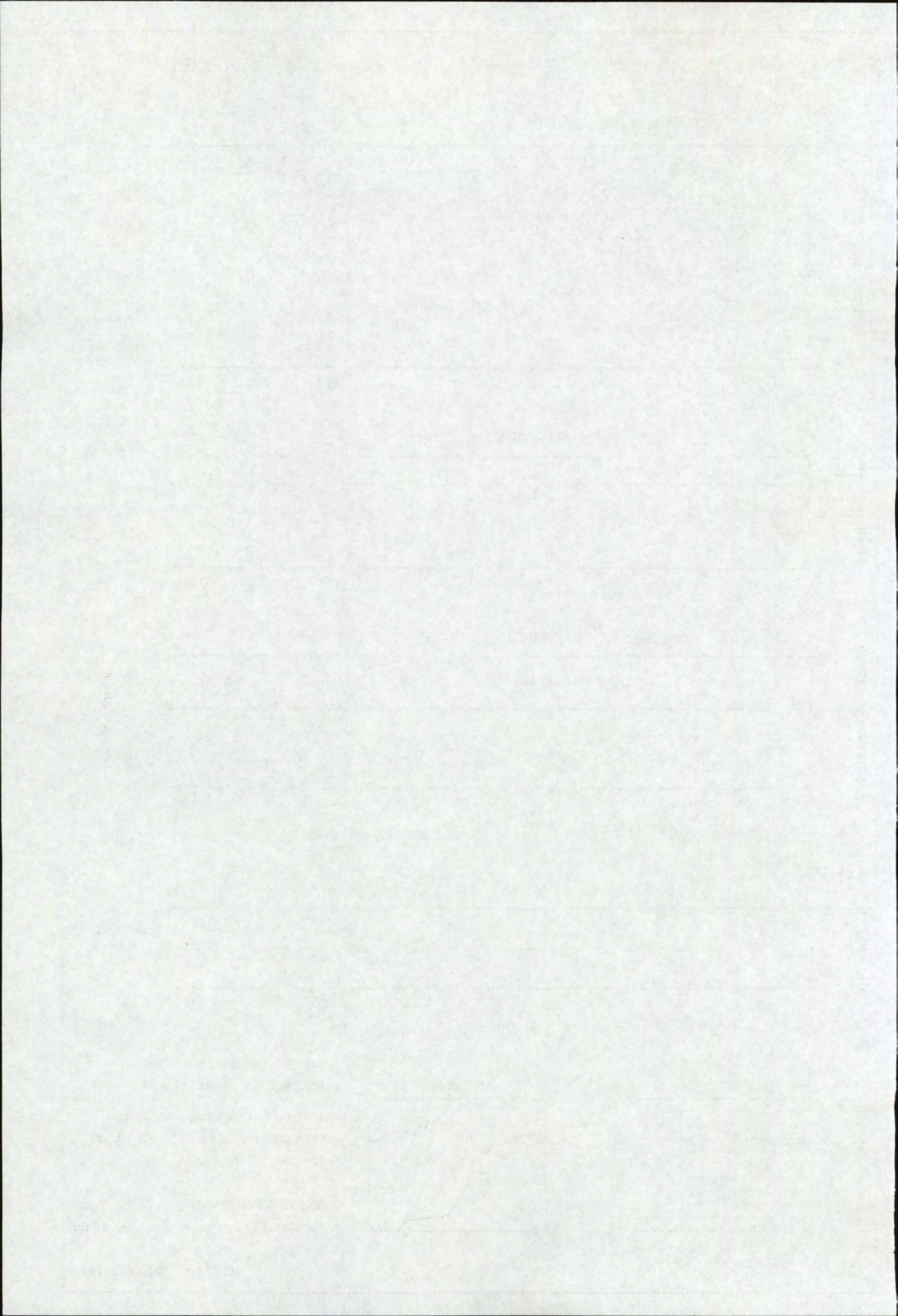


maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1048 m  
 stroomsnelheid : 108 cm/sec  
 stroomrichting : 173 °

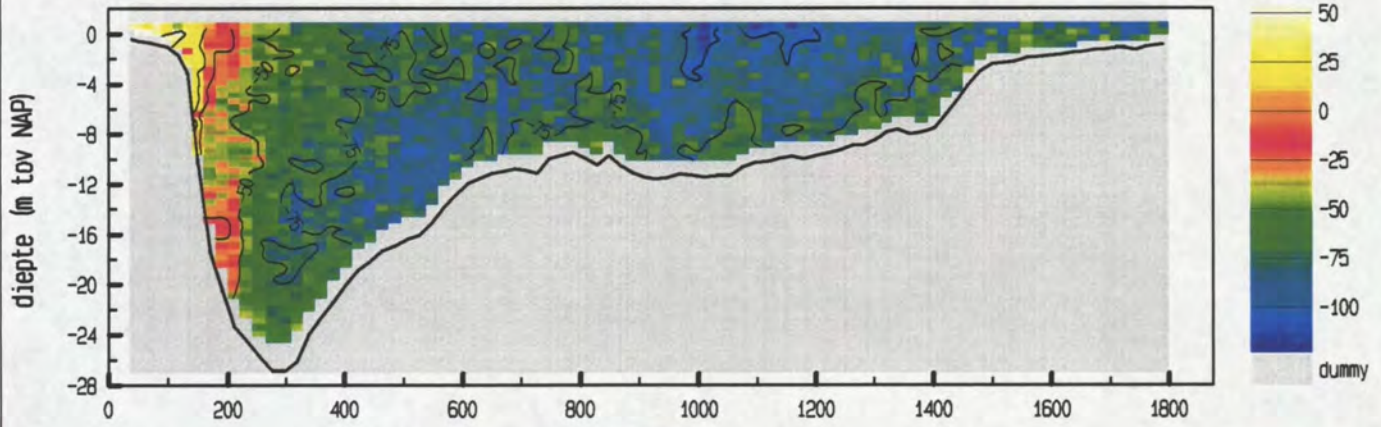
doorstroomoppervlak : 22754 m²  
 raaidebiet : -18326 m³/sec



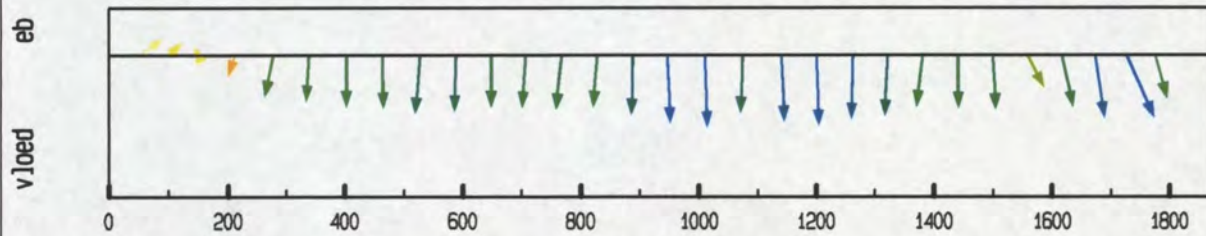




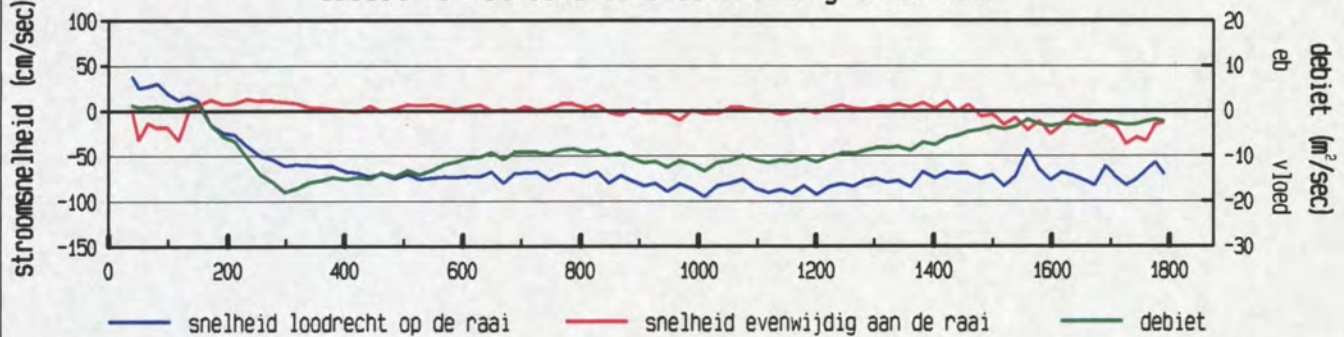
gemeten snelheid (cm/sec) (eb > 0 , vloed < 0)



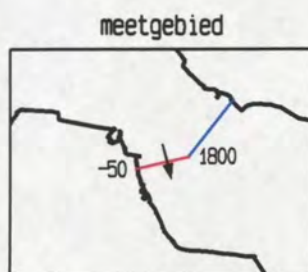
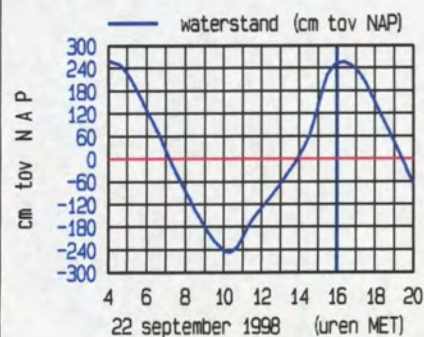
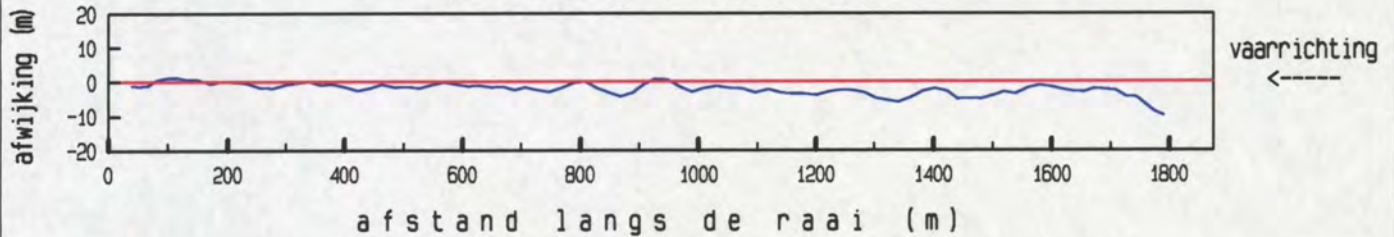
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1010 m  
 stroomsnelheid : 95 cm/sec  
 stroomrichting : 165 °

doorstroomoppervlak : 22786 m<sup>2</sup>  
 raaidebiet : -15030 m<sup>3</sup>/sec



