



**Ministerie van Verkeer en Waterstaat**

Directoraat-Generaal Rijkswaterstaat

# **Presentatie Meetresultaten**

**Debietmeting Raai 11 Roompot West**

**2001m0801**

**Notitie: ZLMD-08.N.010**

Afdeling Uitvoering  
Januari 2010

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# 1 Algemeen

In het kader van het project Monitoring debietraai 11 werd op 10 april 2009 een debietmeting uitgevoerd in de Roompot West. Deze stroommeting is varend uitgevoerd met behulp van een acoustic doppler current profiler (ADCP). Er is één meetraai gemeten, loopt over de Roompot West. Zie bijlage 9 voor een kaart van de meetsituatie. Er is gedurende 1 dag, 13 uur gemeten voor het bepalen van een eb- en vloeddebiet.

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## 2 Uitvoering

De meetraai is op 10 april 2009 van 04:33 uur t/m 17:26 uur M.E.T. gemeten.

De meetraai is opgenomen met m.s. Kaloo.

Voor deze meting is gebruik gemaakt van de onderstaande apparatuur:

Stroommeetinstrument : 1200 khz Workhorse ADCP.

Standopnemer : Oktans III.

Gyro : Oktans III.

Plaatsbepaling : LRK Netpos.

Dataverwerking : Laptop

Software : Visea versie 1.

In bijlage 1 staat een overzicht van de uitgevoerde metingen.

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### 3 Verticaal getij

Het verticaal getij werd bepaald aan de registrerende peilschijver van Roompotsluis Buiten RPBU 840 uit het RMI-meetnet en is grafisch uitgezet tegen de tijd in bijlage 2.

De gemiddelde getijgegevens van RPBU staan aangegeven in onderstaande tabel.

Deze gegevens zijn ontleend aan de 'Gemiddelde Getijkromme 1991.0' uitgegeven door RIKZ (Rijksinstituut voor Kust en Zee).

Waterstanden in meters t.o.v. N.A.P.			
Getij	h.w.	l.w.	Getijverschil in m
Gemiddeld springtij	1.86	-1.43	3.29
Gemiddeld getij	1.55	-1.33	2.88
Gemiddeld doottij	1.17	-1.14	2.31

Opgetreden getij station RPBU				
datum	m.e.t.	hoogte in meters	tijverschil in meters	getijcoëfficiënt t.o.v. gemiddeld getij
10-04-2009	01.58	1.66		
10-04-2009	08.25	-1.81	eb 3.47	1.20486
10-04-2009	14.14	1.80	vloed 3.61	1.25347
10-04-2009	20.32	-1.36	eb 3.16	1.09722

In deze bijlage 2 is tevens een tabel opgenomen met berekende waterstanden op lokaties in het midden van de raai

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## 4 Weersomstandigheden

Tijdens de meting zijn er windgegevens gemeten te OS4.  
Op 10-04-2009 was er een krachtige wind, 4 a 5 beaufort uit zuidoostelijke richting draaiend naar zuidwestelijke richting.

In bijlage 3 is een grafiek gepresenteerd met de getijgegevens van Roompotsluis Buiten en windgegevens van OS4 op 10 april 2009.

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## 5 Verwerking en presentatie

De validatie en presentatie van de ADCP gegevens is uitgevoerd met de Visa programmatuur ontwikkeld door onderafdeling TOW.

Tijdens de validatie zijn de meetgegevens gecontroleerd, eventuele foute meetwaarden zijn hierbij verwijderd.

Na validatie zijn de meetgegevens op de volgende manier gepresenteerd:

- Er is uit één raai een overzicht samengesteld van alle gemeten transects, waarbij stroomsnelheden en –richtingen zijn gepresenteerd in het dwarsprofiel. Per bladzijde zijn maximaal 5 transects gepresenteerd, de snelheden zijn gerelateerd aan de gemeten richtingen. Het tijdvak waarbinnen de betreffende tracks zijn opgenomen is met een blauwe balk aangegeven in de verval grafiek onderaan de betreffende pagina. De overzichten van de gevaren tracks zijn bijgevoegd in bijlage 4.
- Per transect zijn de gemeten stroomsnelheden gepresenteerd. De kleurenschaal is per transect aangepast. In dezelfde presentatie zijn de gemiddelde stroomsnelheid in de vertikaal over het gemeten transect, de debiet- en stroomsnelheidsverdeling over het transect alsmede het gevaren traject langs de meetraai gepresenteerd. Het tijdvak waarbinnen de betreffende opname is uitgevoerd, is met een blauwe balk aangegeven in de grafiek links onderaan de pagina.  
De presentaties zijn bijgevoegd in de bijlagen 5.
- Per transect zijn nogmaals de ontbonden snelheden loodrecht en evenwijdig aan de meetraai gepresenteerd, aangevuld met de vertikaal gemeten snelheden. De kleurschaal is per grafiek aangepast. De presentaties zijn bijgevoegd in de bijlagen 6.
- In bijlage 7 staan de gemeten debieten van de verschillende transects grafisch uitgezet tegen de tijd. Uit deze kromme worden tevens om de 10 minuten debietwaarden berekend. Deze staan in de tabel boven de betreffende grafiek.

N.B. In alle presentaties zijn de "grijze vlekken" of niet gemeten, of als foute waarnemingen verwijderd. In de debietberekening worden de stroomsnelheden en -richtingen op de plaats van deze "vlekken" door middel van interpolatie bepaald. De stroomsnelheden ter plaatse van de grijze gebieden boven en onderaan de verticalen worden door middel van extrapolatie bepaald.

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## 6 Bijlagen

1. Tabel overzicht metingen.
2. Getij en verval.
3. Getij en wind te RPBU en OS4.
4.           Overzicht stroomsnelheden en richtingen raai
5.           Gemeten gegevens raai
6.           Ontbonden gegevens raai
7. Profielen.
8. Debiet
9. Presentatie meetgebied.



# **Bijlage 1**

## **Tabel overzicht metingen**

Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

## Overzicht gevaren tracks raai 11 Roompot West

ADCP file Nummer	Eb / Vloed /Kentering	Begintijd (M.E.T.)	Eindtijd (M.E.T.)	Koers (deg.)	Vaarsnelheid (knt)	Geluidssnelheid (M/s)
2	eb	04:49	05:04	277	3-4	1480
11		07:27	07:43			1481
17	eb	09:04	09:19	277		
18	vloed	09:20	09:34	97		
25		11:07	11:24			1483
37		14:35	14:51			1482
42	vloed	16:02	16:15	97		
43	eb	16:17	16:32	277		
48	eb	17:26	17:37	277	3-4	1482

## **Bijlage 2**

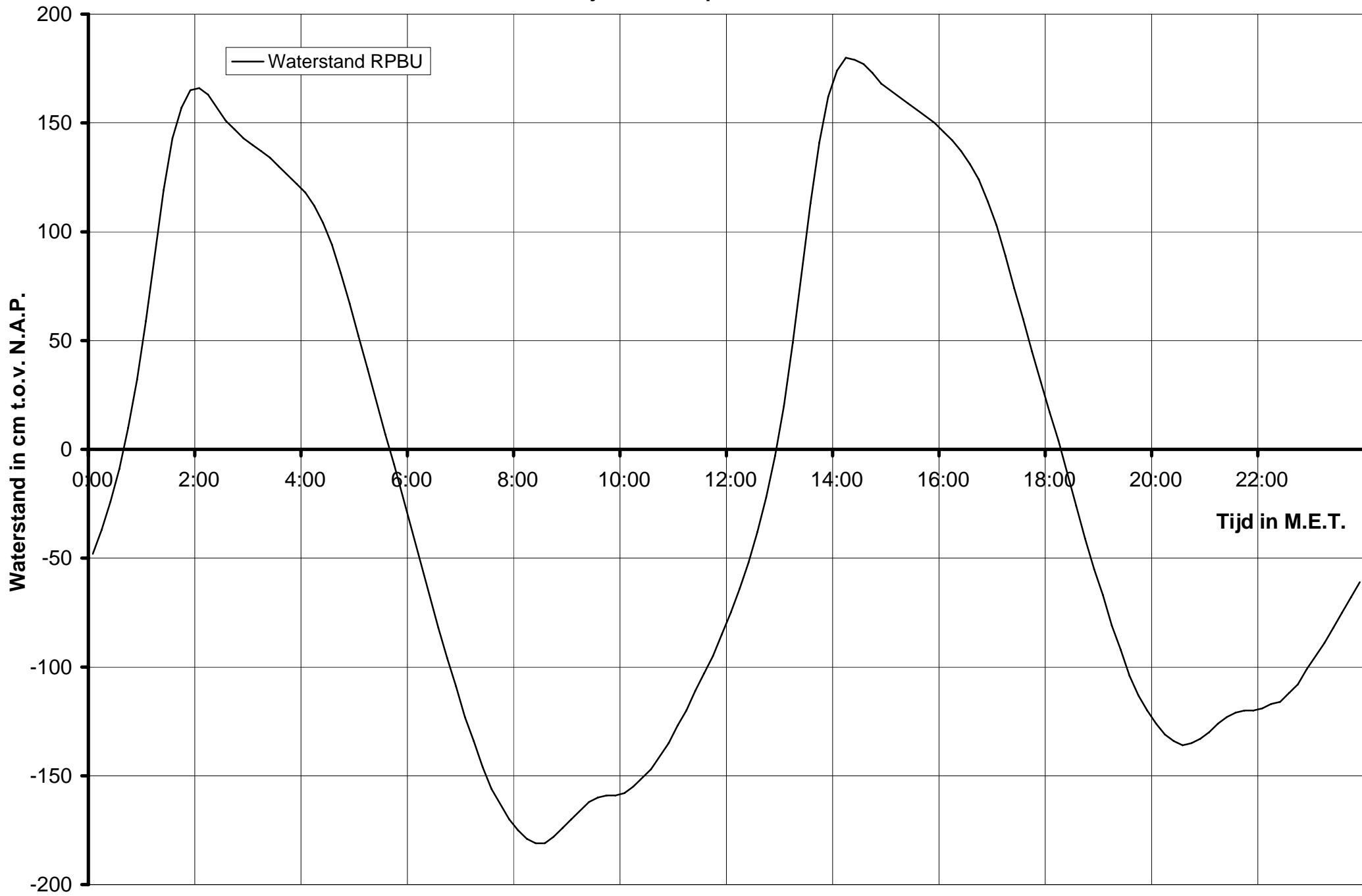
### **Getij en verval**

Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

### Getij te RPBU op 10-4-2009



Berekende waterstanden uit Lokatie RPBU

waterstanden Lokatie ( 9999) uit WTr2 RPBU  
 x= 35757. y= 403543.

		0	10	20	30	40	50
20090410	0000	-47	-36	-23	-8	12	34
	0100	62	92	122	145	158	166
	0200	166	163	157	151	147	143
	0300	140	137	134	130	126	122
	0400	118	112	103	93	80	66
	0500	51	36	21	6	-8	-24
	0600	-39	-54	-69	-84	-98	-111
	0700	-125	-136	-148	-157	-164	-171
	0800	-176	-180	-182	-182	-178	-174
	0900	-170	-166	-162	-161	-160	-160
	1000	-158	-155	-151	-147	-141	-135
	1100	-127	-120	-111	-103	-95	-85
	1200	-74	-63	-51	-37	-21	-1
	1300	22	52	84	116	144	164
	1400	175	181	179	177	173	168
	1500	165	162	159	156	153	150
	1600	146	142	137	131	124	113
	1700	102	88	73	59	44	30
	1800	16	3	-12	-28	-43	-56
	1900	-68	-82	-93	-105	-114	-121
	2000	-127	-132	-135	-137	-135	-133
	2100	-130	-126	-123	-121	-120	-120
	2200	-119	-117	-116	-112	-108	-101
	2300	-95	-89	-82	-75	-68	-61

## **Bijlage 3**

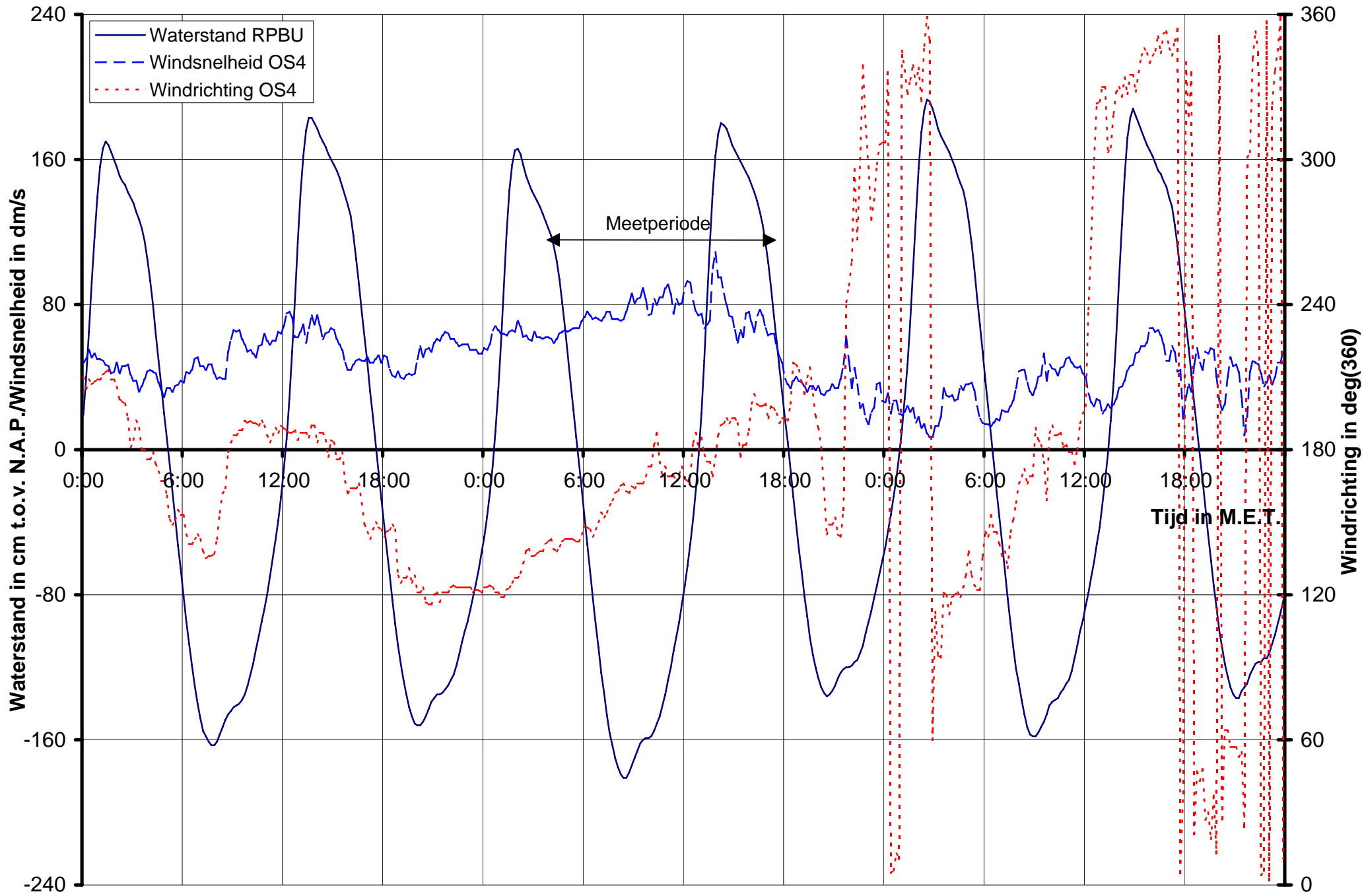
### **Getij en Wind te RPBU en OS4**

Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

Getijgegevens te RPBU en windgegevens te OS4 van 9 t/m 11-04-2009



## **Bijlage 4**

### **Overzicht stroomsnelheden en richtingen raai**

Debietraai 11 Roompot West

2001m0801

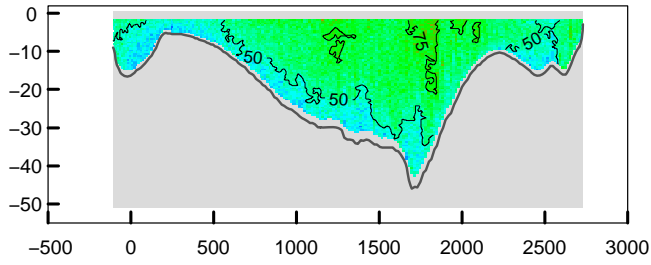
Notitie: ZLMD-08.N.010



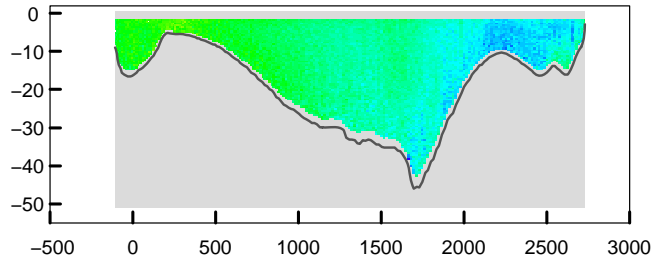
Debietraai 11 Roompot West dd 10 april 2009  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

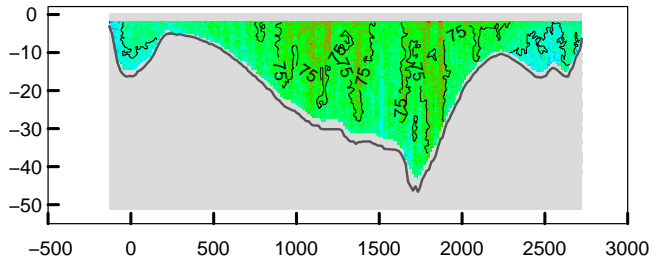
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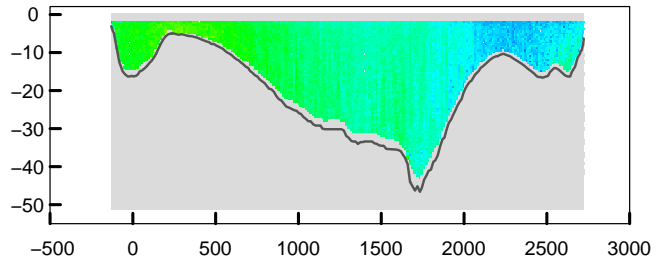
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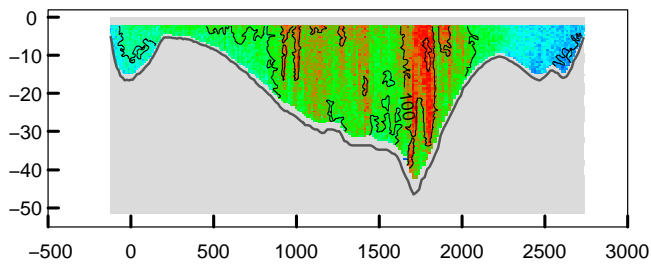
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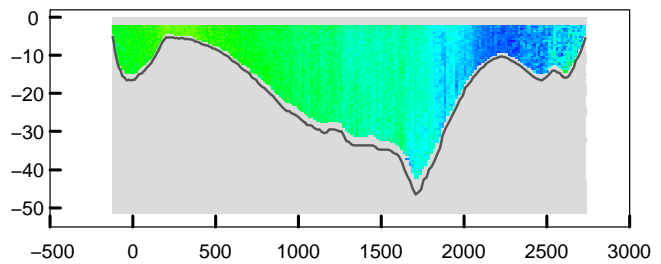
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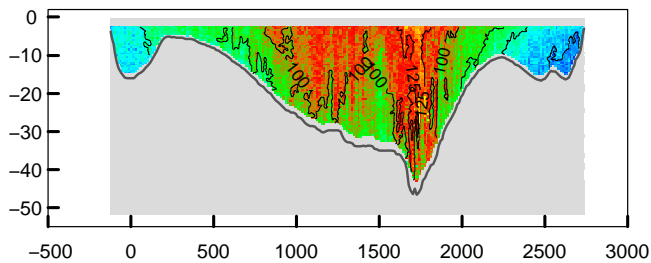
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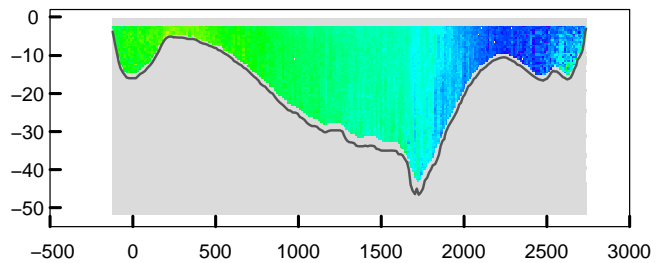
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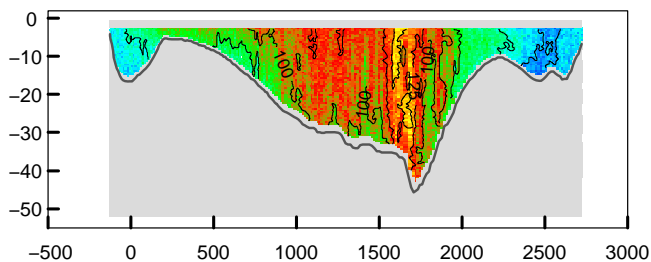
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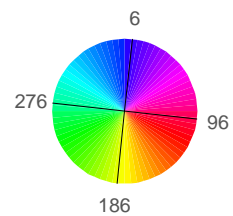
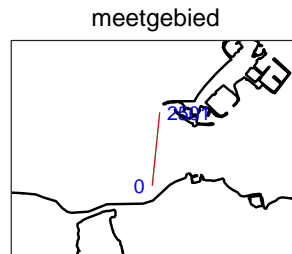
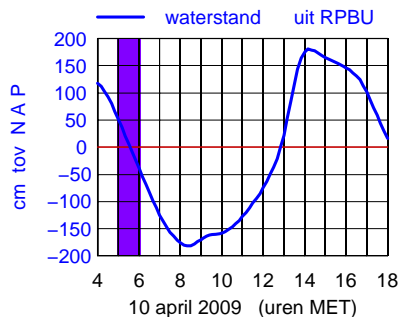
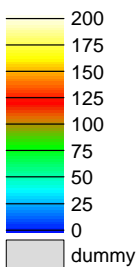
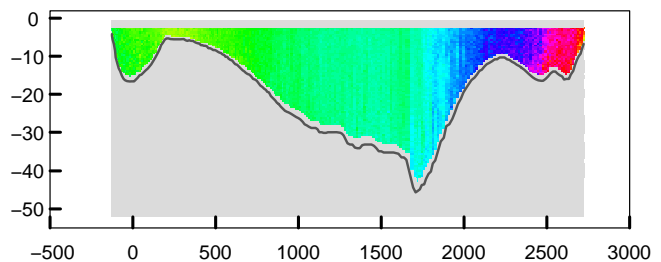
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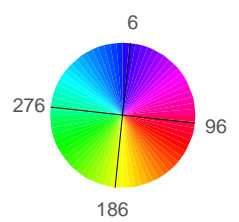
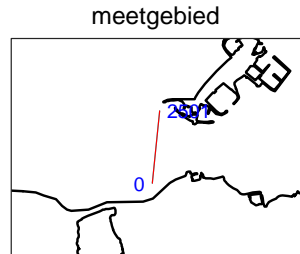
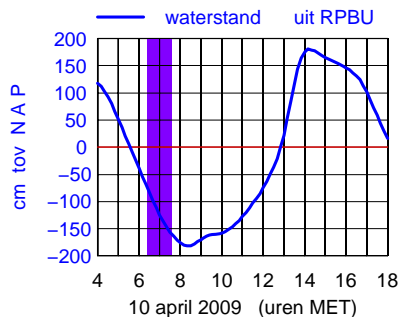
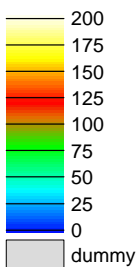
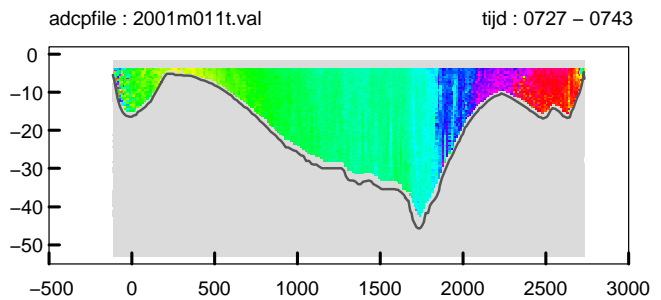
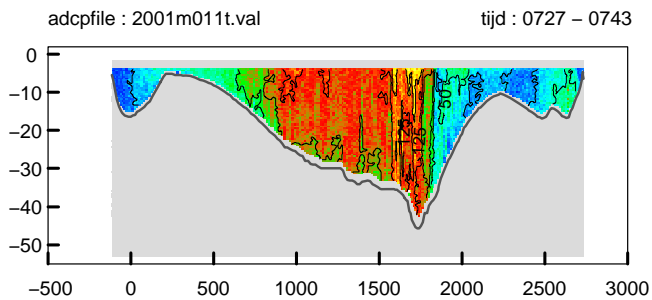
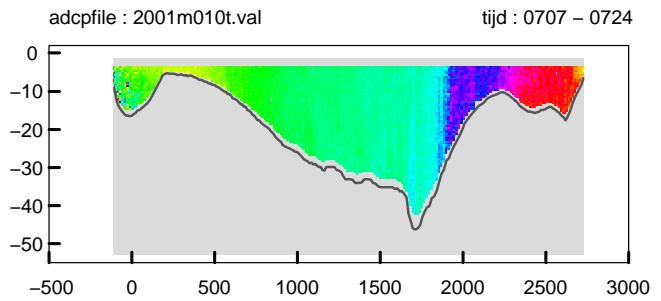
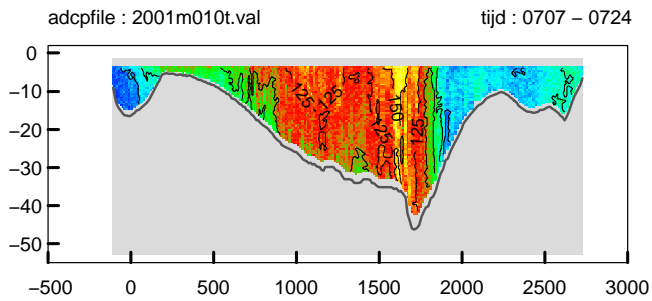
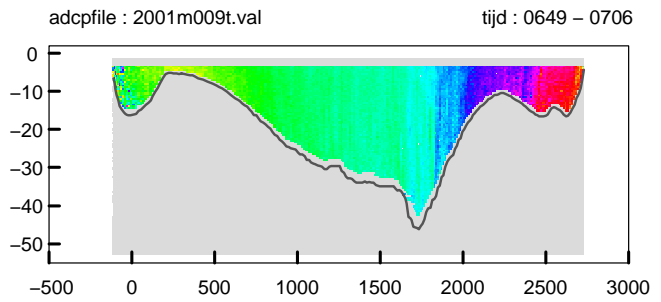
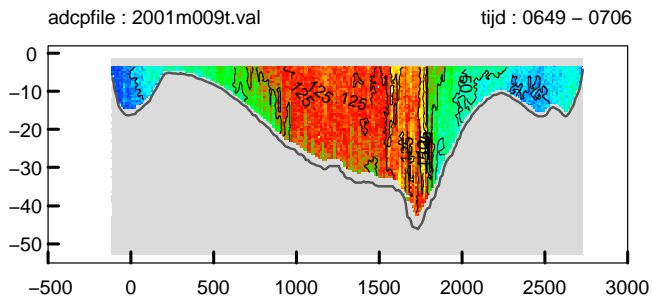
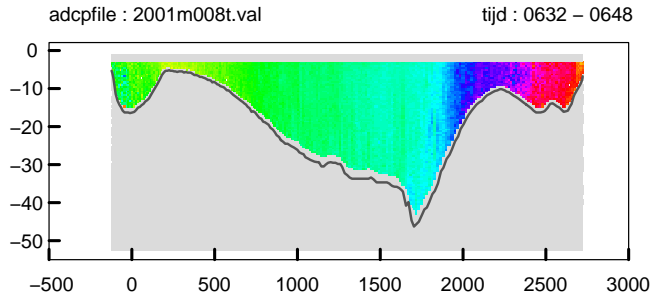
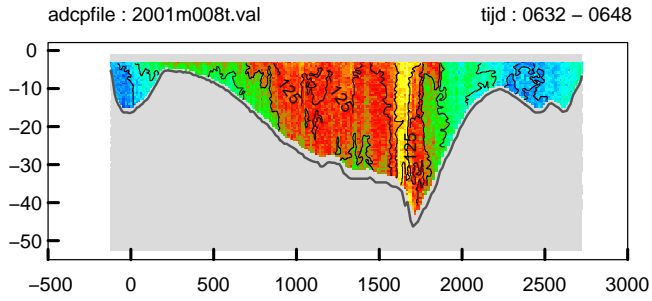
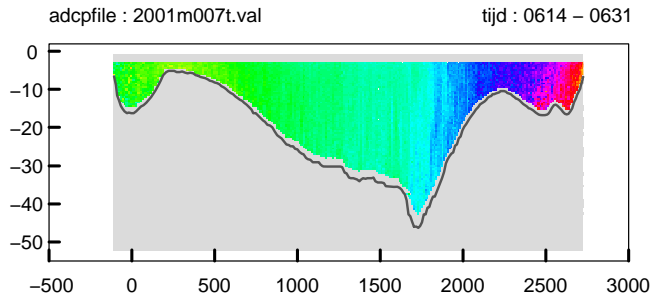
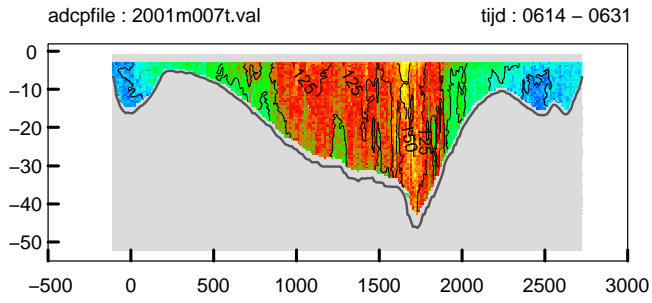


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Debietraai 11 Roompot West dd 10 april 2009  
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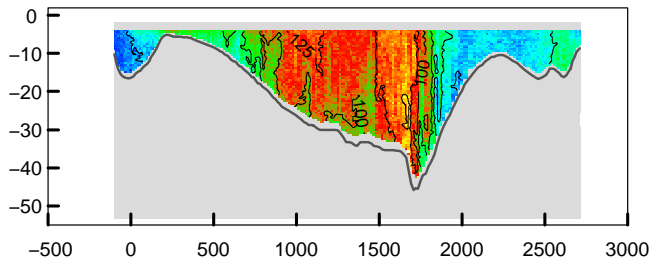
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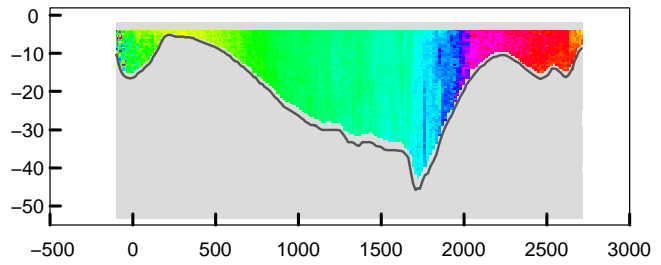
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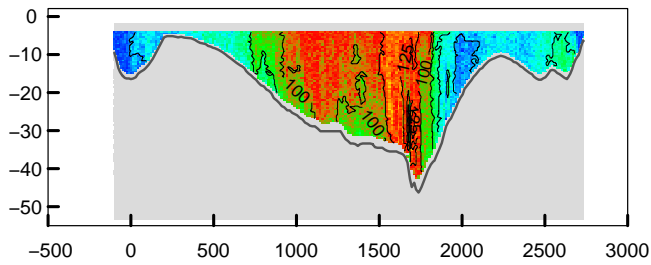
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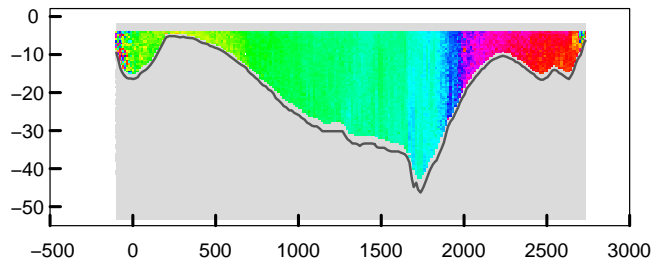
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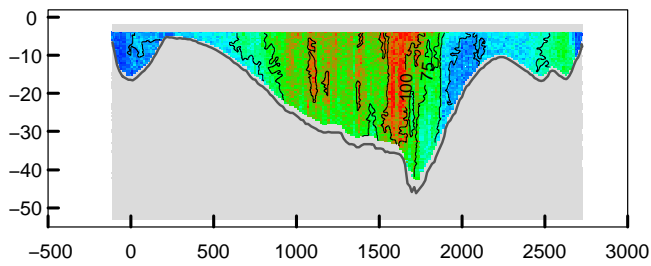
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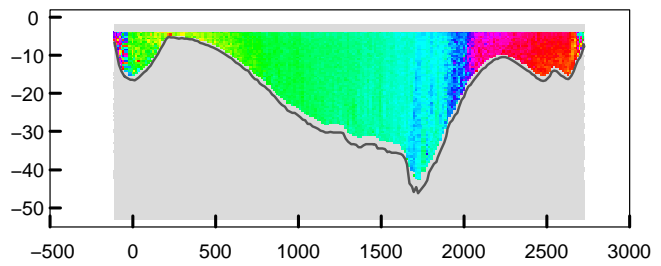
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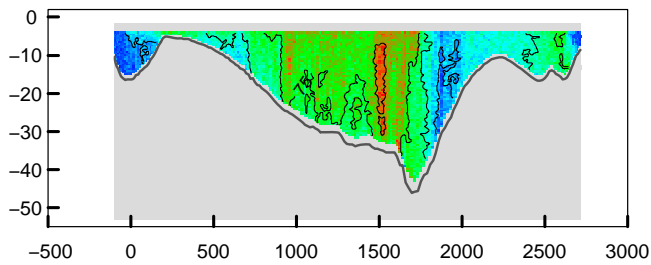
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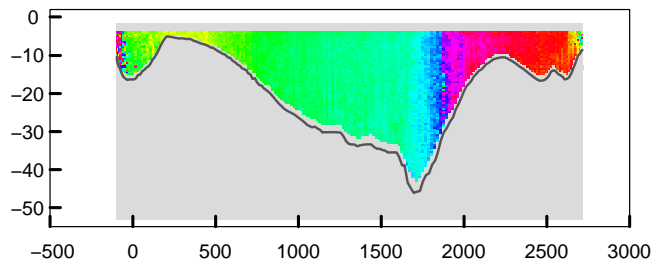
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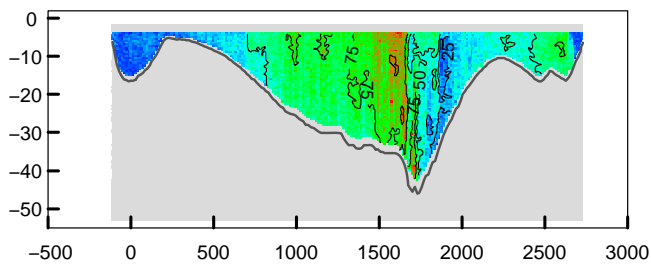
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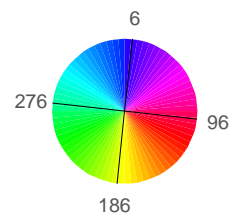
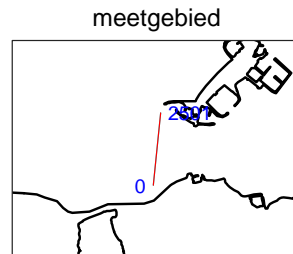
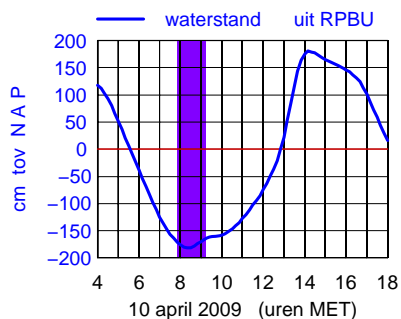
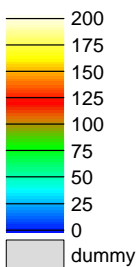
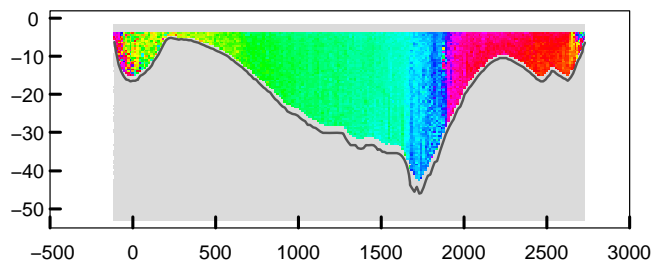
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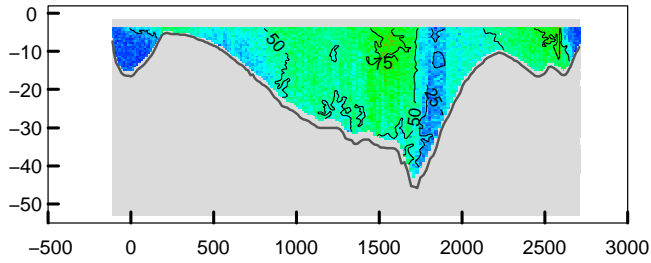
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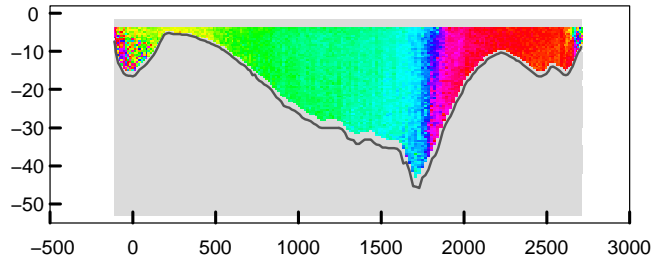
Debietraai 11 Roompot West dd 10 april 2009  
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gemeten richting (° tov N)

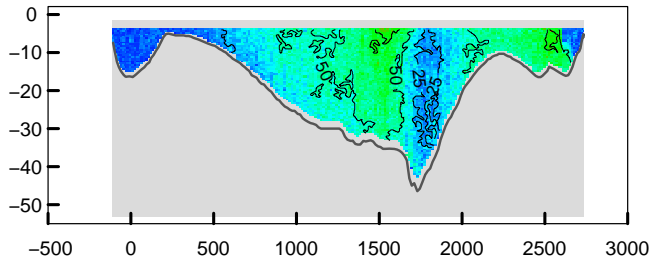
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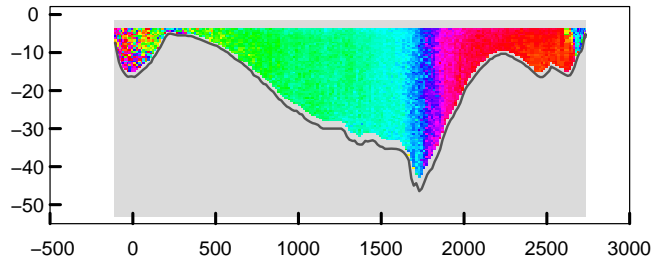
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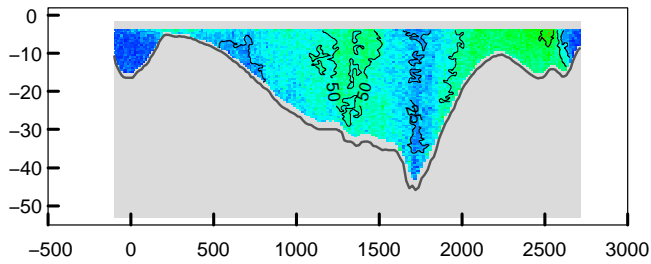
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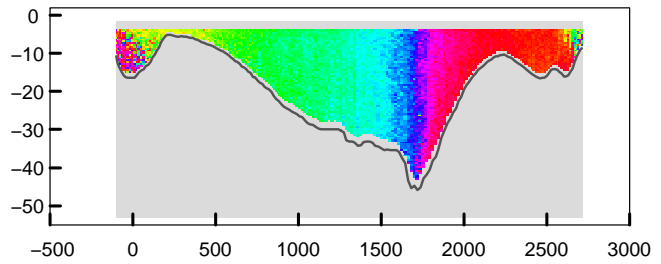
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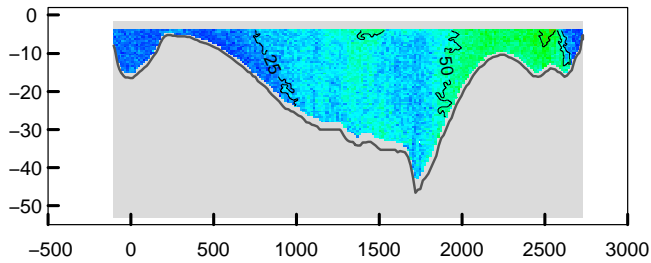
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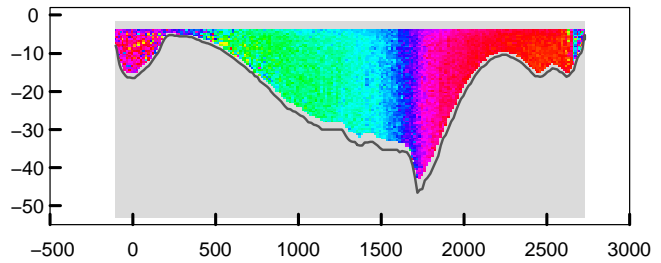
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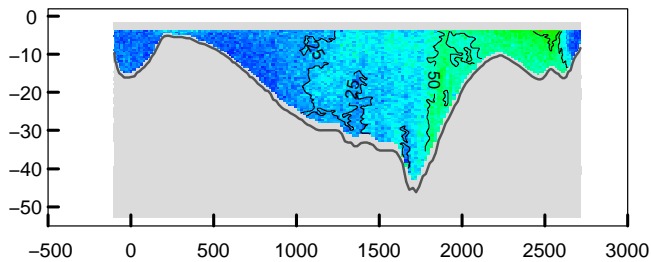
adcpfile : 2001m021t.val tijd : 1005 – 1019



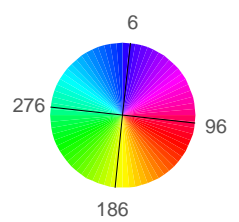
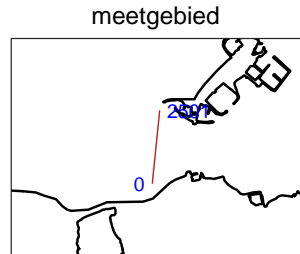
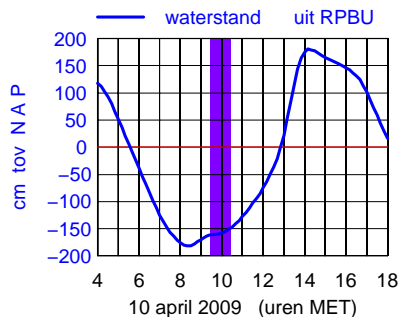
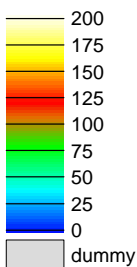
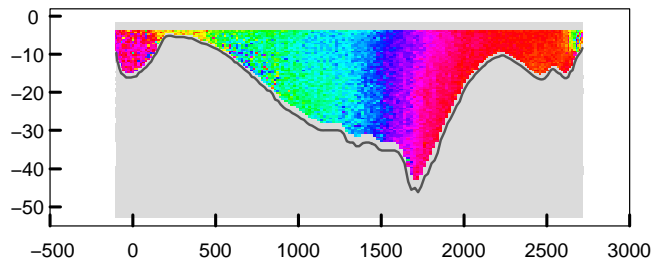
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adcpfile : 2001m022t.val tijd : 1020 – 1033



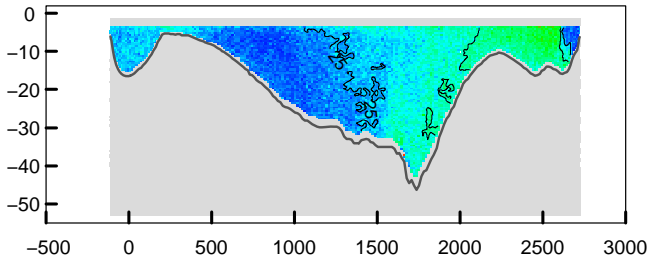
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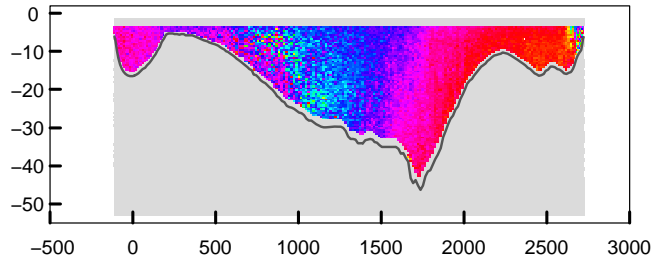
Debietraai 11 Roompot West dd 10 april 2009  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

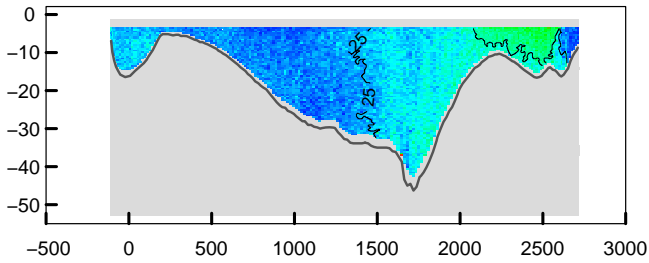
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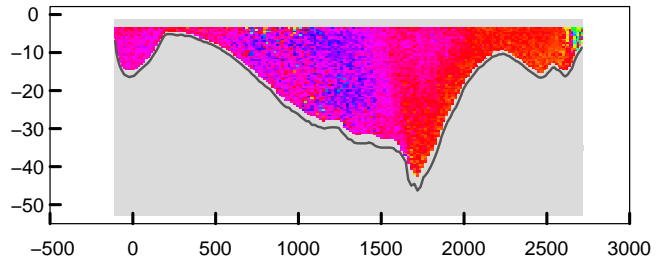
adcpfile : 2001m023t.val tijd : 1033 – 1049



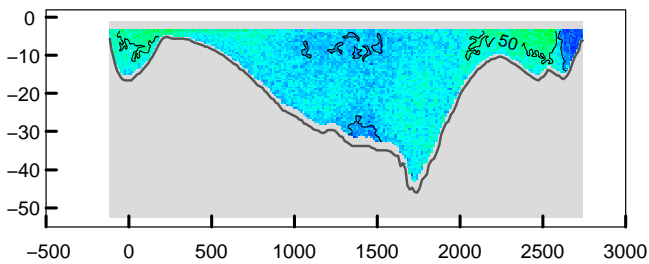
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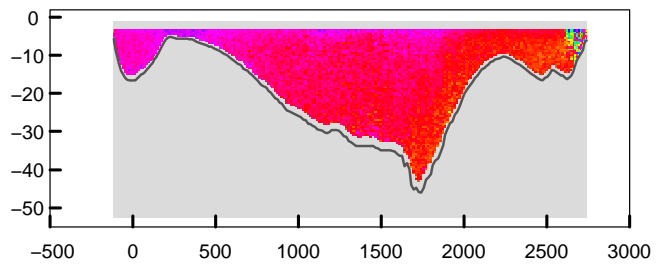
adcpfile : 2001m024t.val tijd : 1049 – 1102



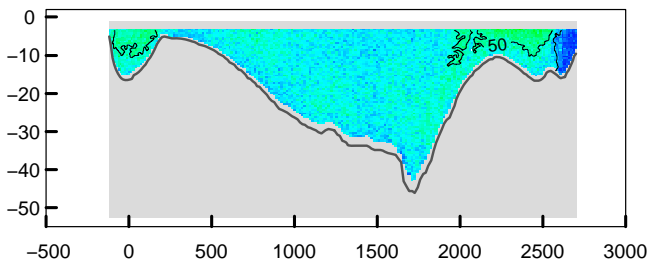
adcpfile : 2001m025t.val tijd : 1107 – 1124



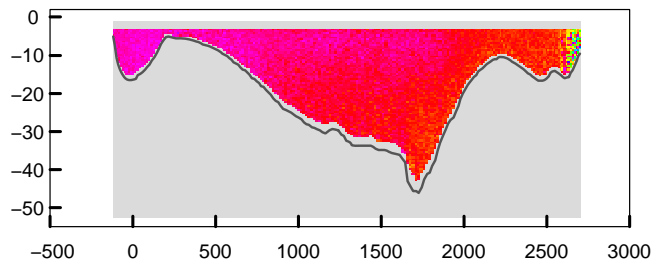
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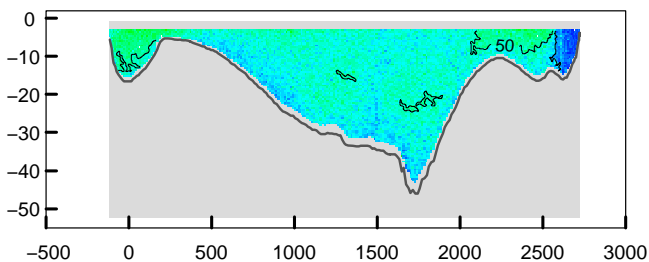
adcpfile : 2001m026t.val tijd : 1124 – 1139



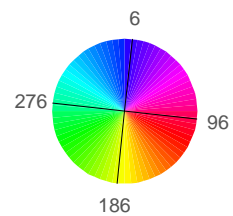
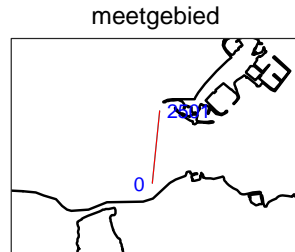
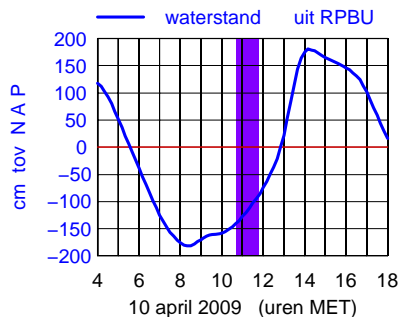
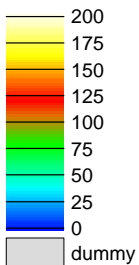
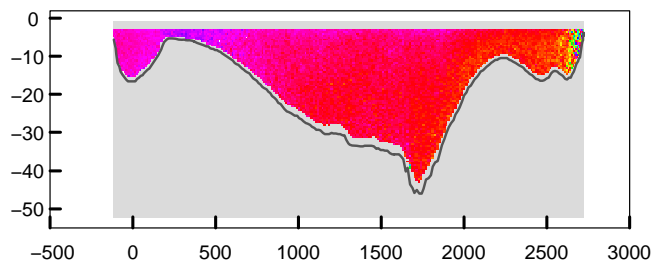
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adcpfile : 2001m027t.val tijd : 1139 – 1157



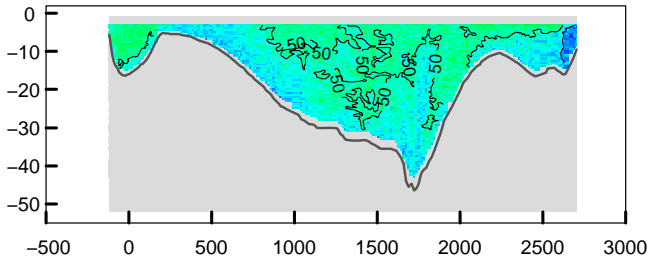
adcpfile : 2001m027t.val tijd : 1139 – 1157



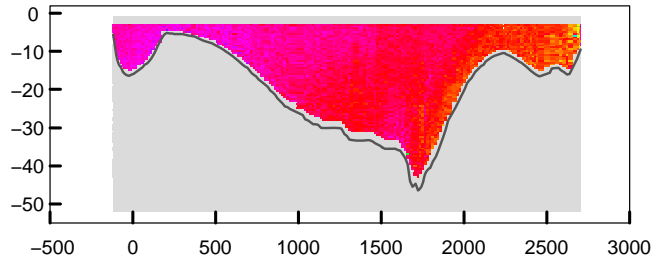
Debietraai 11 Roompot West dd 10 april 2009  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

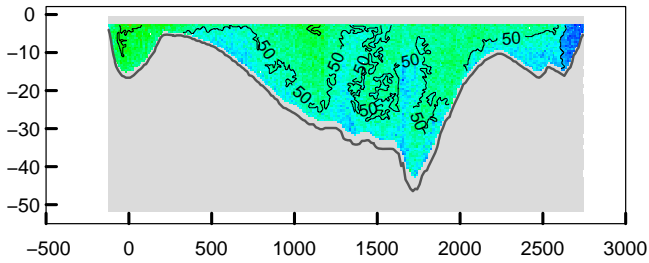
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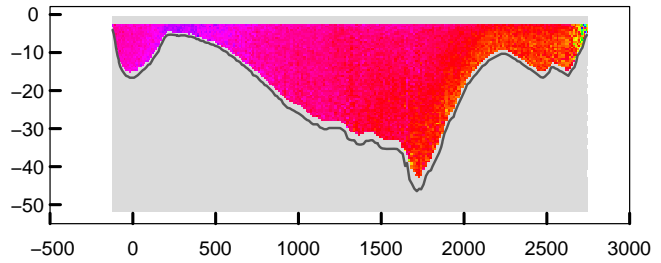
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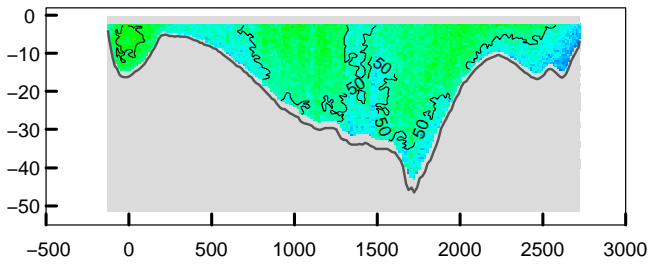
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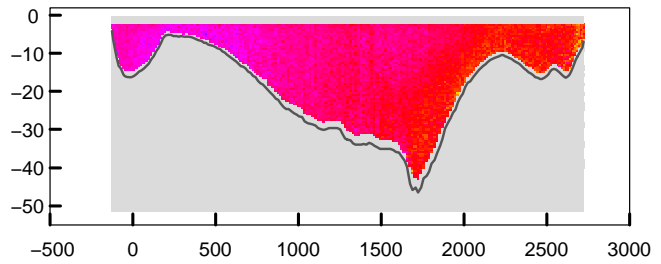
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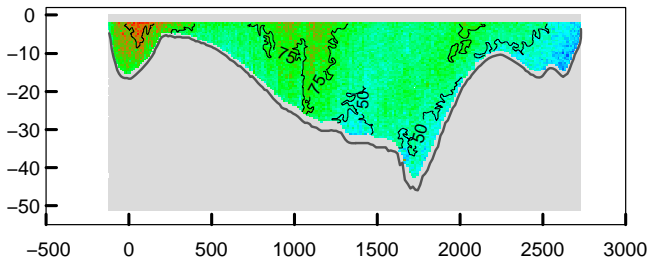
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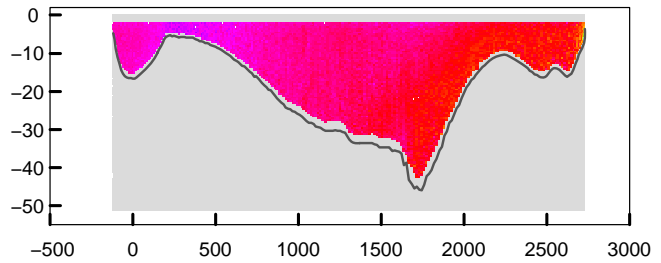
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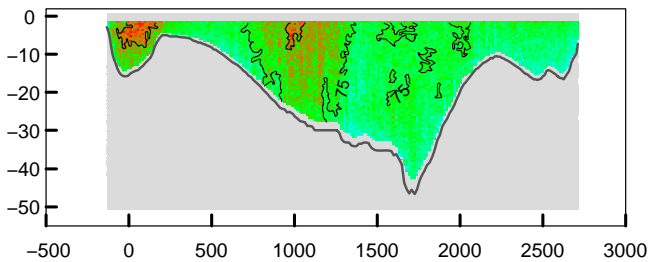
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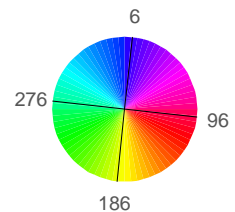
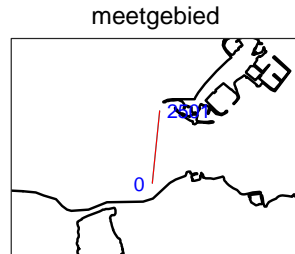
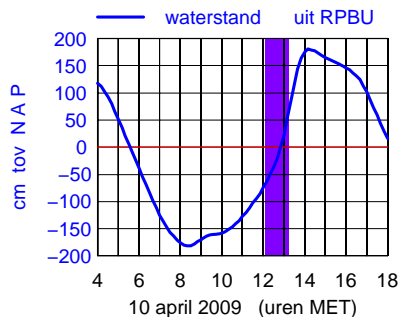
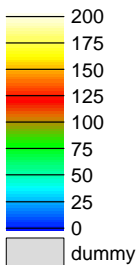
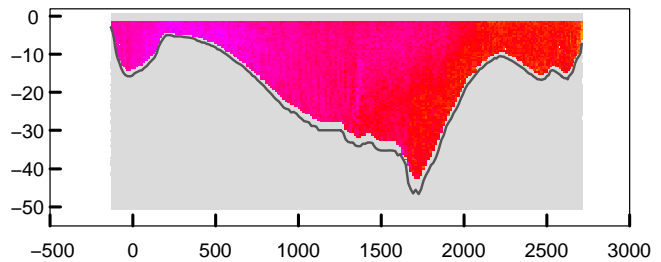
adcpfile : 2001m031t.val tijd : 1251 – 1307



adcpfile : 2001m032t.val tijd : 1307 – 1323



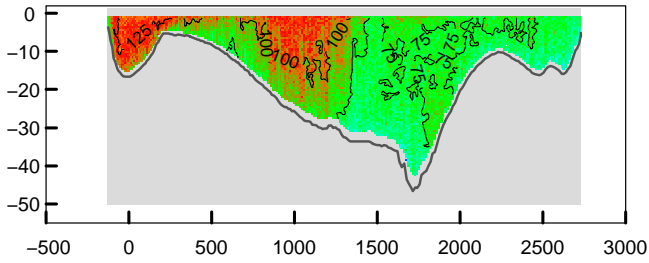
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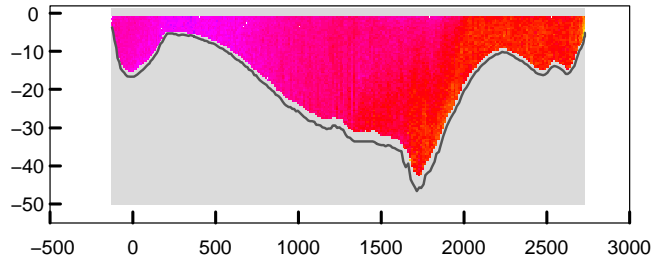
Debietraai 11 Roompot West dd 10 april 2009  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

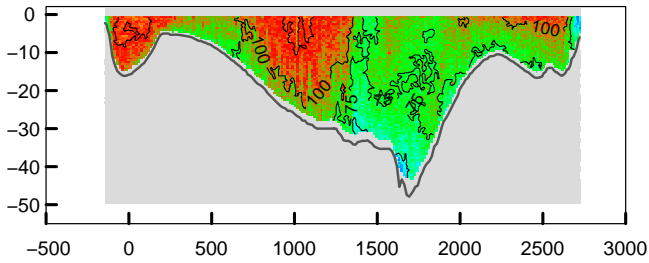
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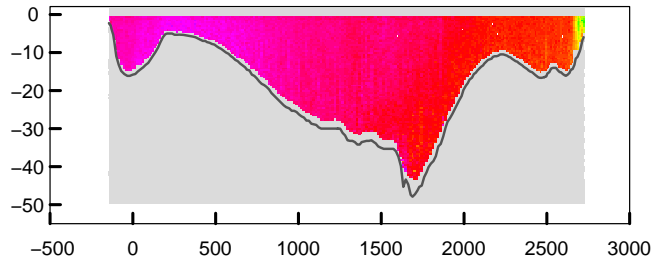
adcpfile : 2001m033t.val tijd : 1323 – 1342



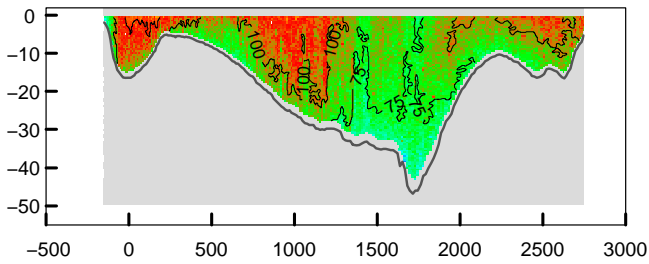
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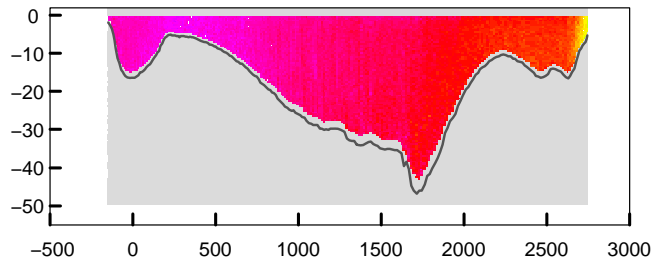
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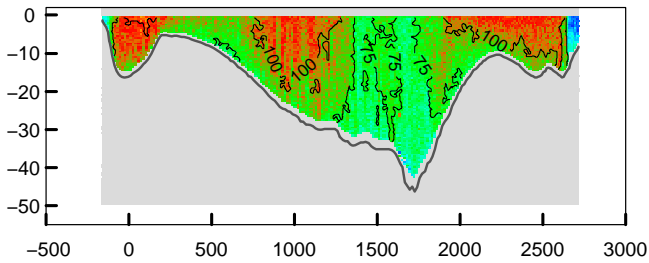
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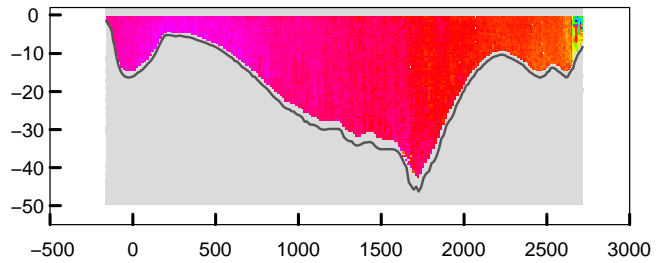
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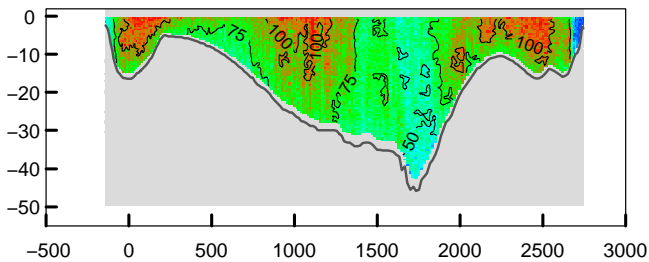
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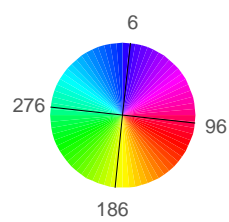
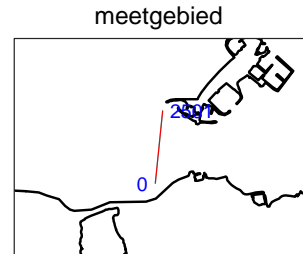
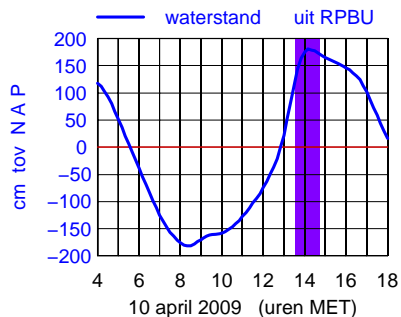
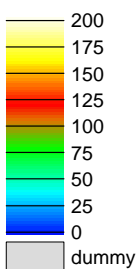
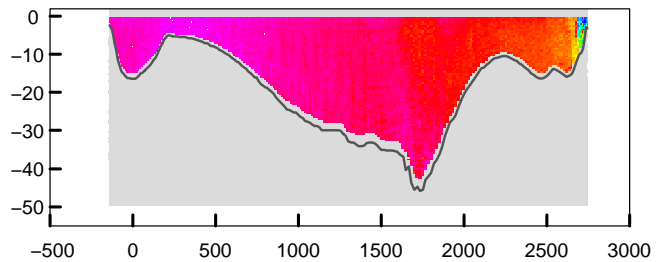
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adcpfile : 2001m037t.val tijd : 1435 – 1451



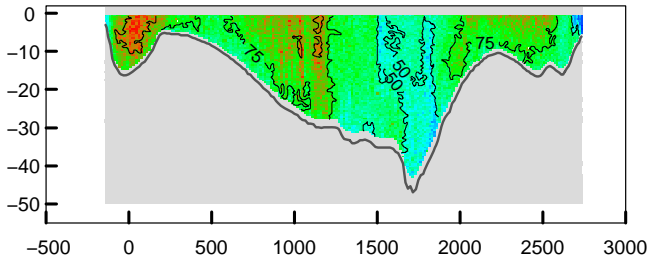
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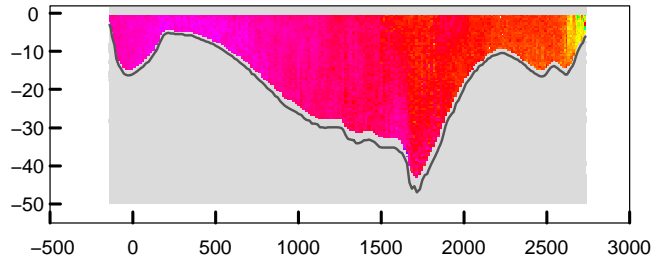
Debietraai 11 Roompot West dd 10 april 2009  
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

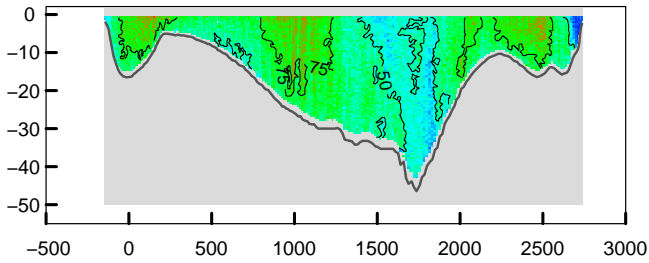
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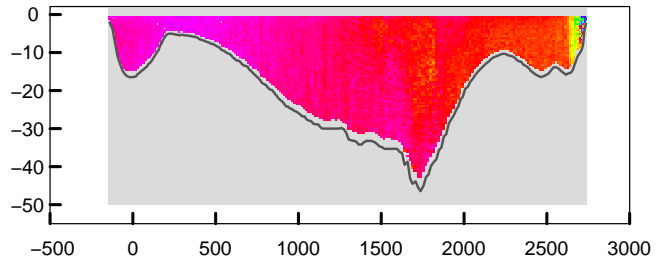
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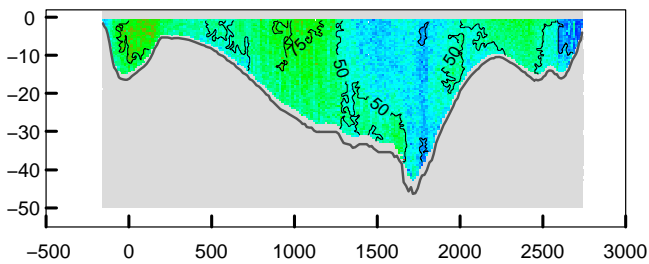
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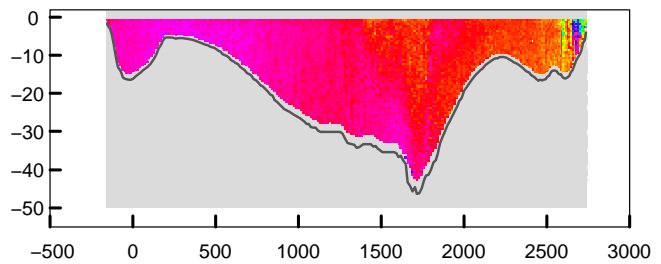
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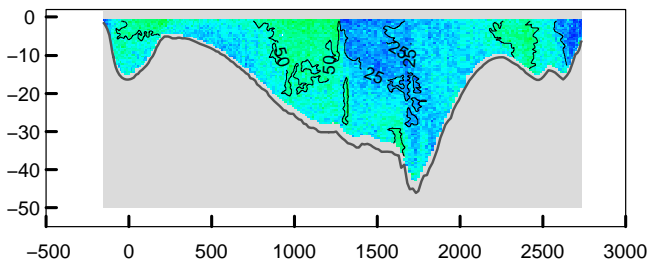
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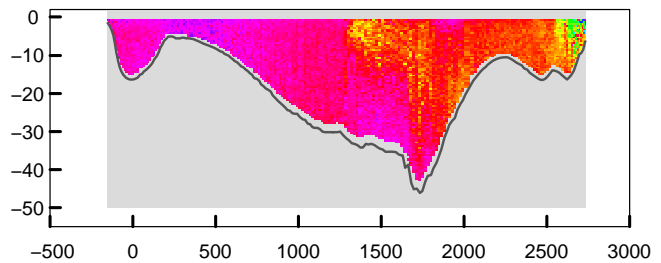
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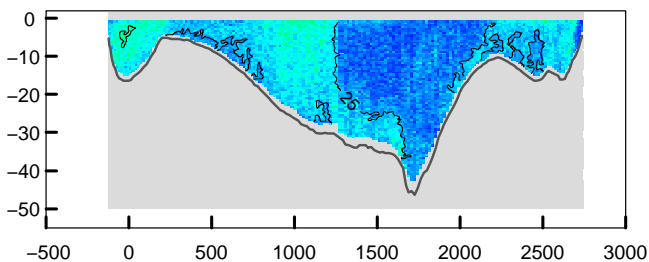
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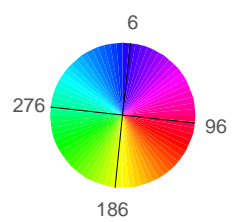
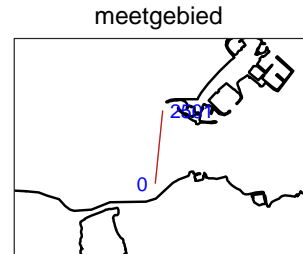
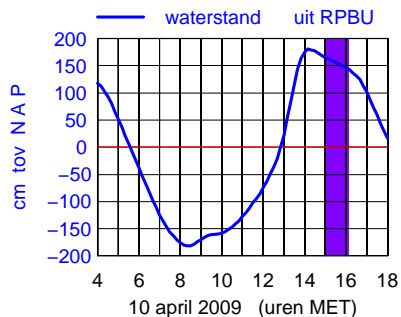
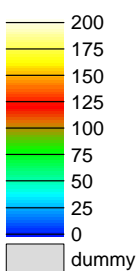
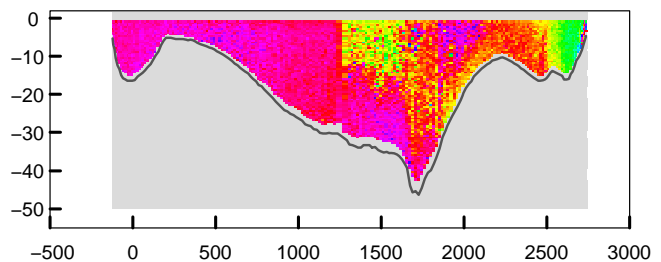
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adcpfile : 2001m042t.val tijd : 1602 – 1615



adcpfile : 2001m042t.val tijd : 1602 – 1615

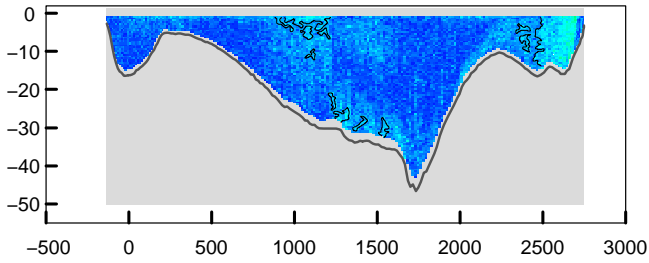




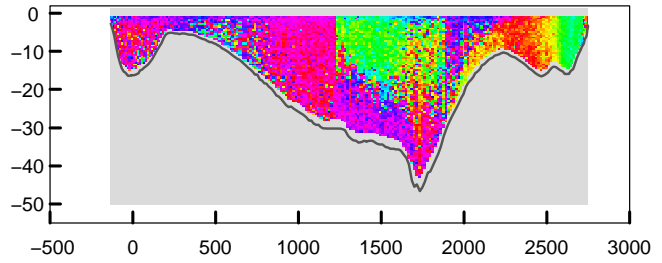
# Debietraai 11 Roompot West dd 10 april 2009 gemeten snelheid (cm/sec)

# gemeten richting (° tov N)

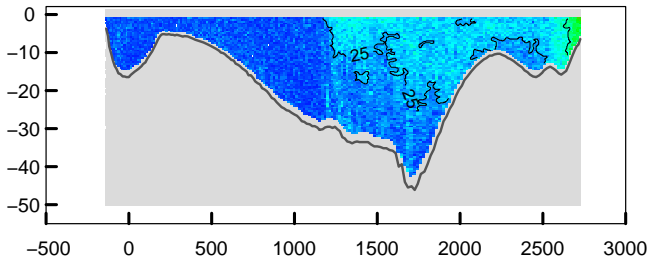
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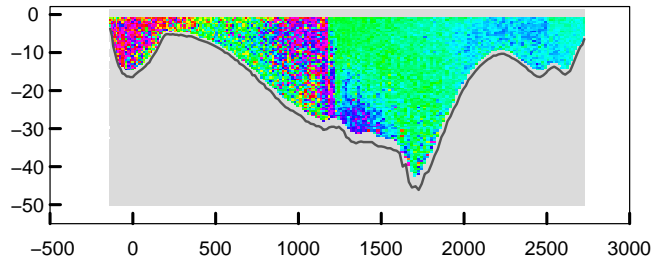
adcpfile : 2001m043t.val tijd : 1617 – 1632



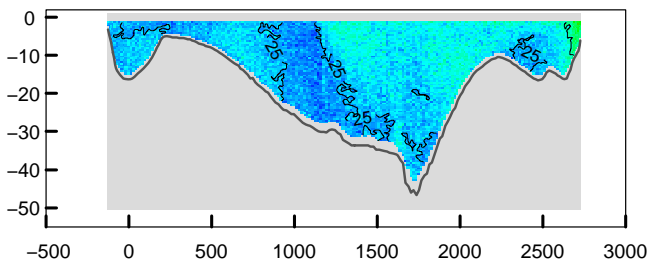
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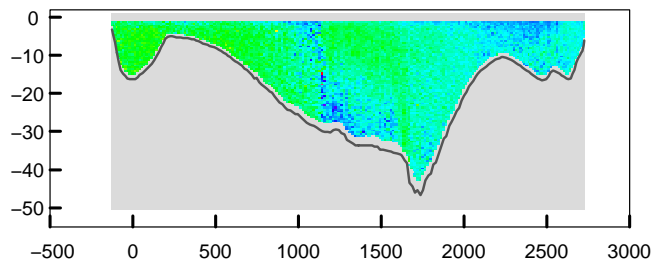
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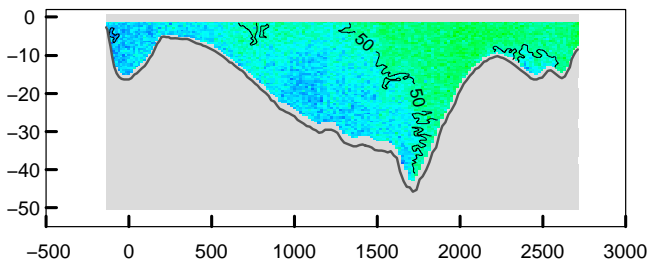
adcpfile : 2001m045t.val tijd : 1647 – 1701



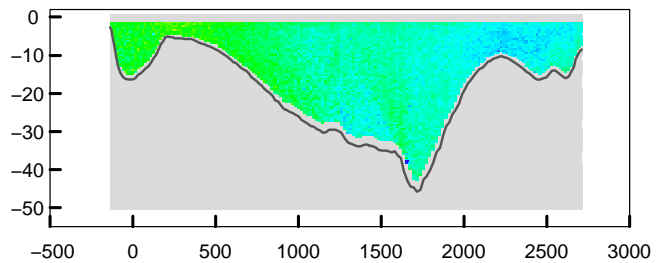
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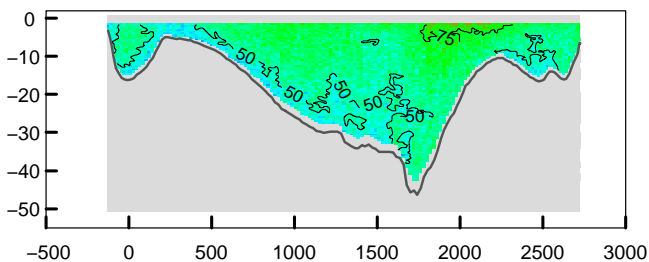
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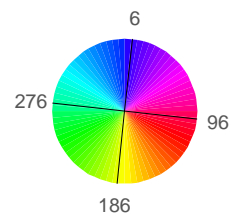
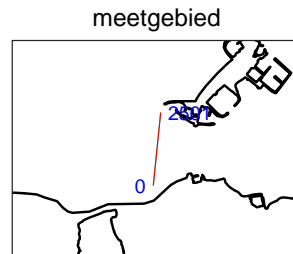
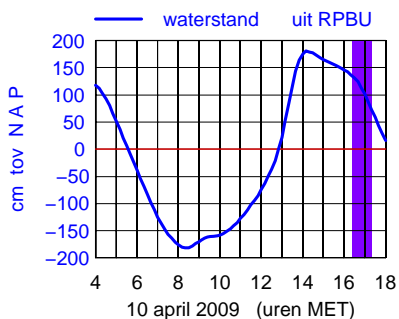
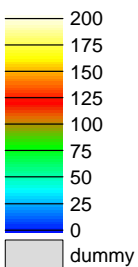
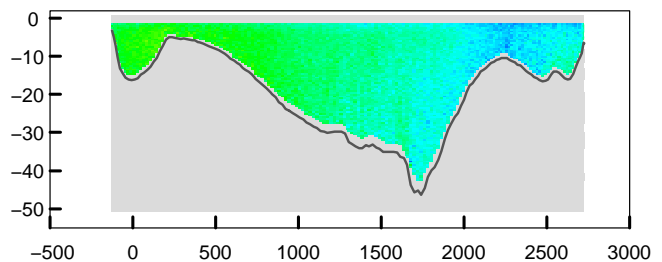
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adcpfile : 2001m047t.val tijd : 1714 – 1725



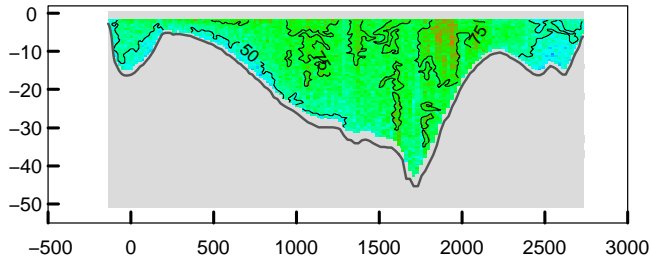
adcpfile : 2001m047t.val tijd : 1714 – 1725



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 gemeten snelheid (cm/sec)

adcpfile : 2001m048t.val

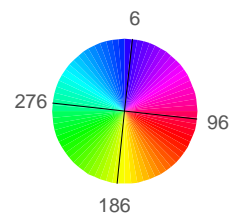
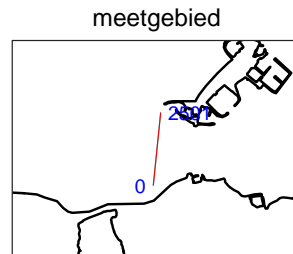
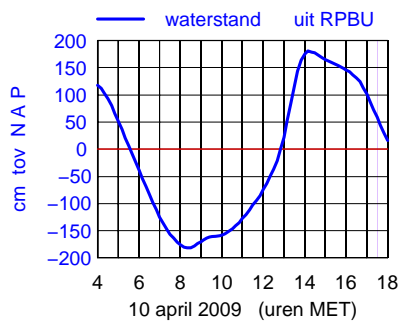
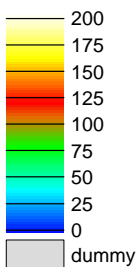
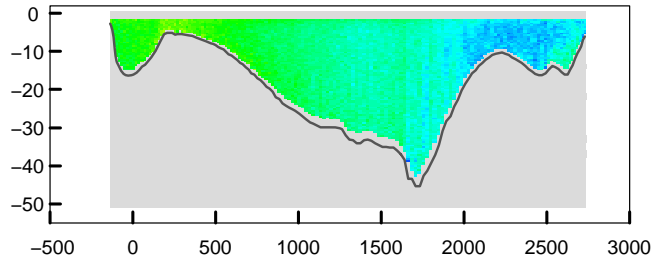
tijd : 1726 - 1737



gemeten richting (° tov N)

adcpfile : 2001m048t.val

tijd : 1726 - 1737



## **Bijlage 5**

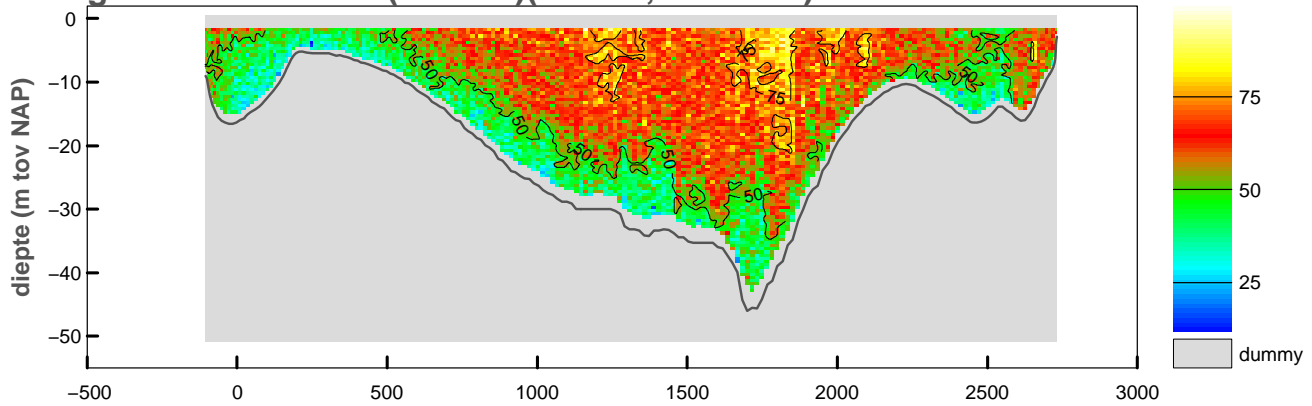
### **Gemeten gegevens raai**

Debietraai 11 Roompot West

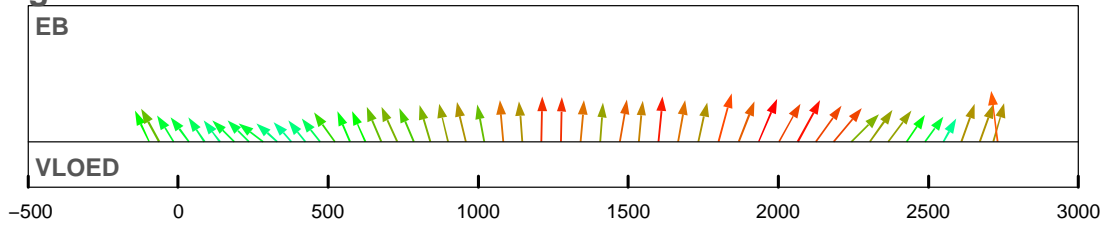
2001m0801

Notitie: ZLMD-08.N.010

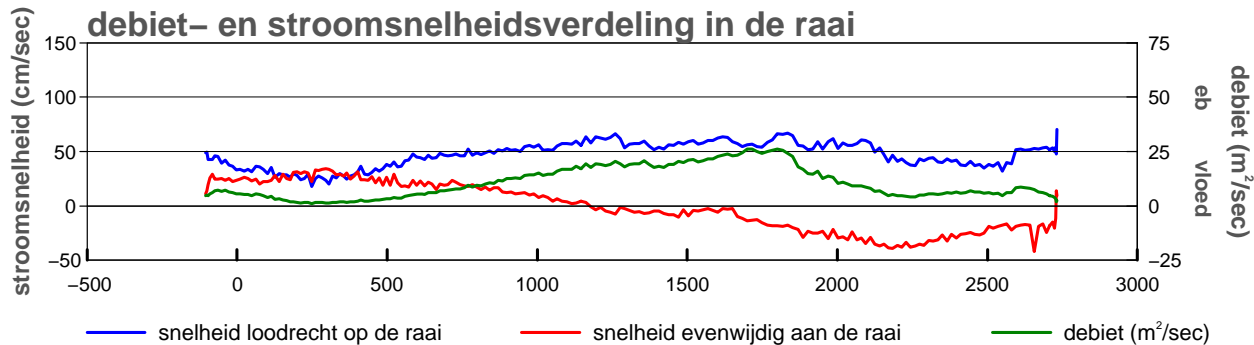
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



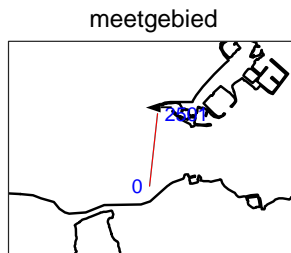
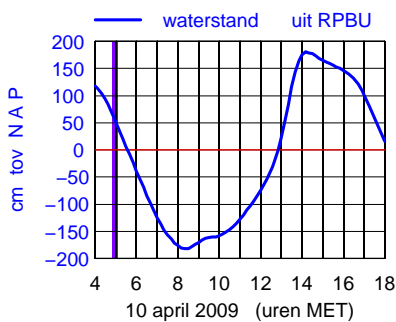
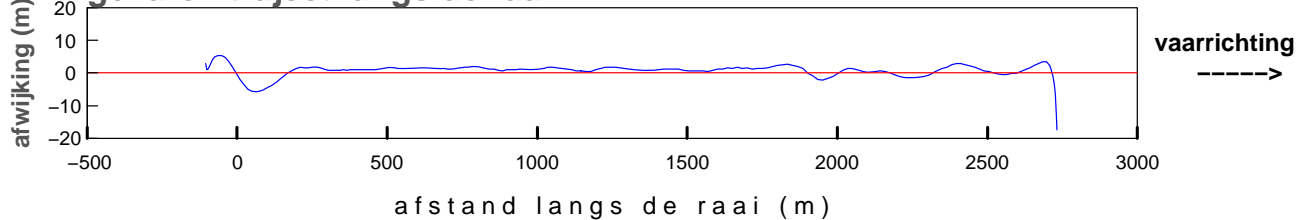
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

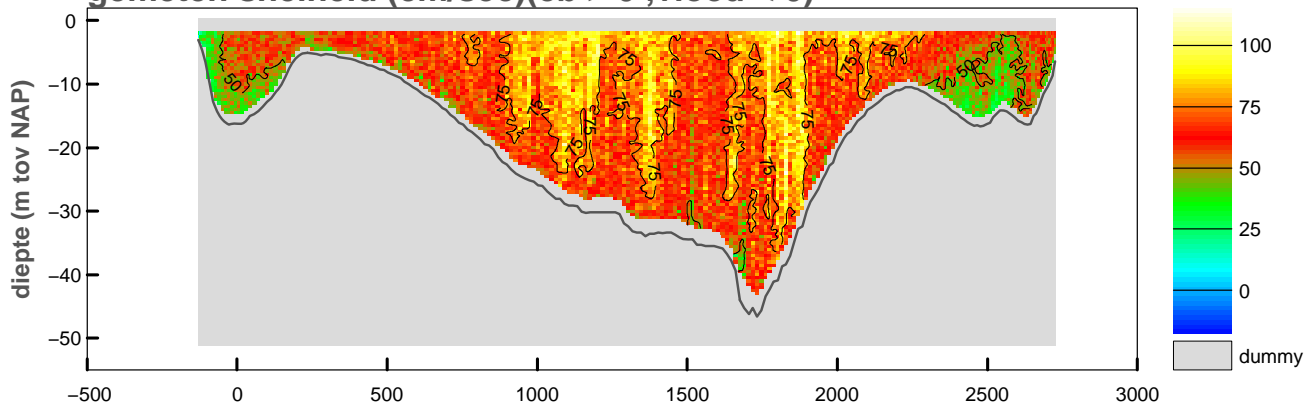


maximum gemiddelde stroom-  
 snelheid in de vertikaal

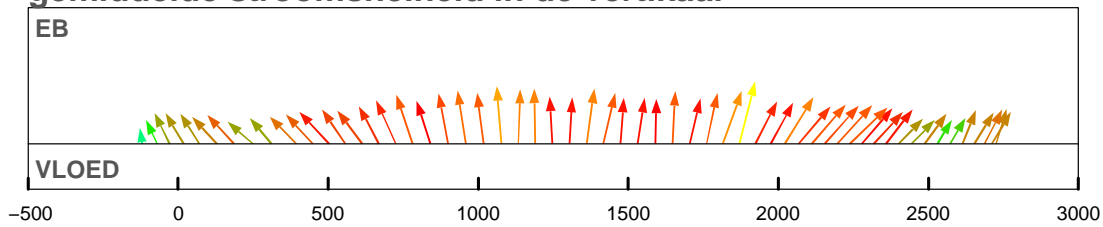
afstand uit nulpunt : 2731 m  
 stroomsnelheid : 71 cm/sec  
 stroomrichting : 269°

doorstroomoppervlak : -59046 m<sup>2</sup>  
 raaidebiet : 30681 m<sup>3</sup>/sec

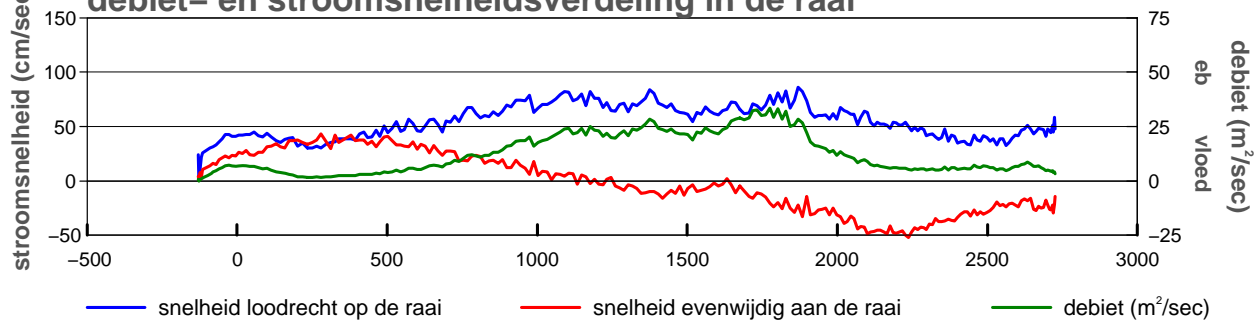
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



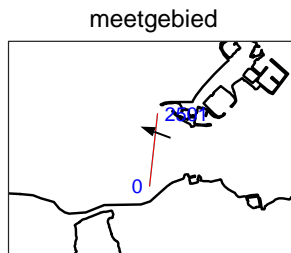
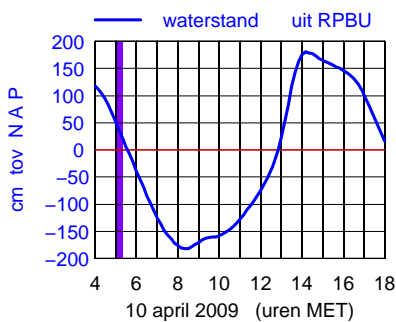
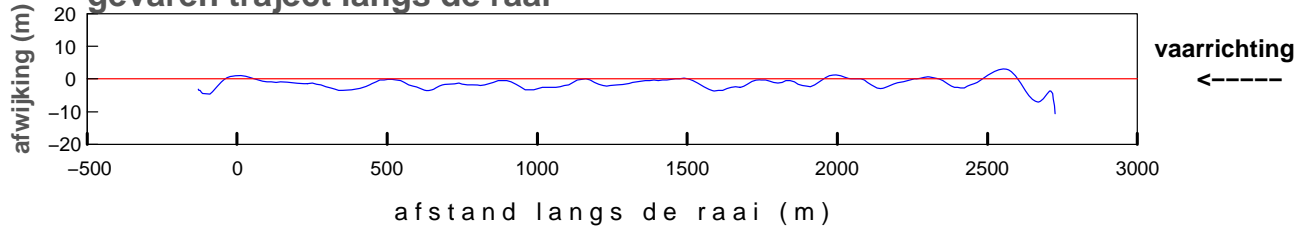
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

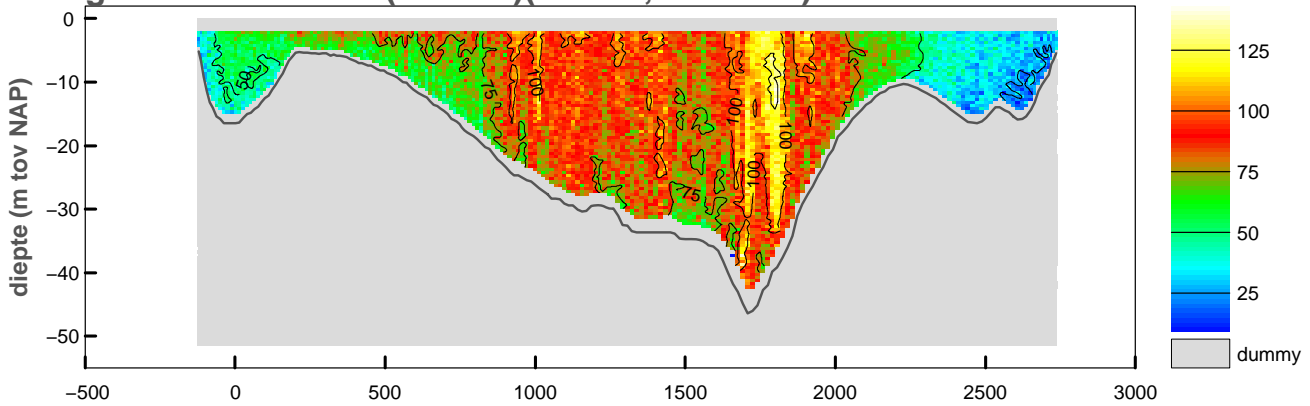


maximum gemiddelde stroom-  
 snelheid in de vertikaal

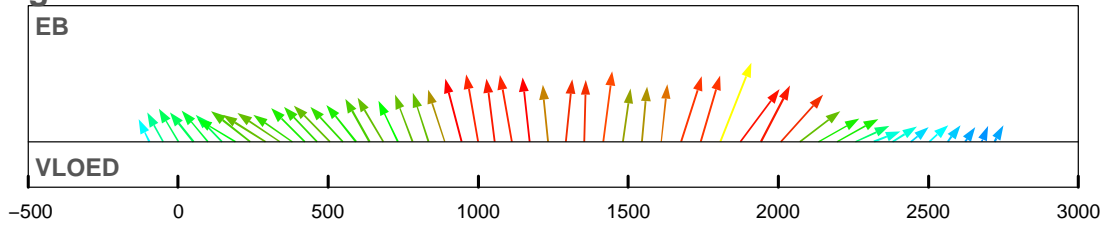
afstand uit nulpunt : 1870 m  
 stroomsnelheid : 89 cm/sec  
 stroomrichting : 291°

doorstroomoppervlak : -58632 m<sup>2</sup>  
 raaidebiet : 35954 m<sup>3</sup>/sec

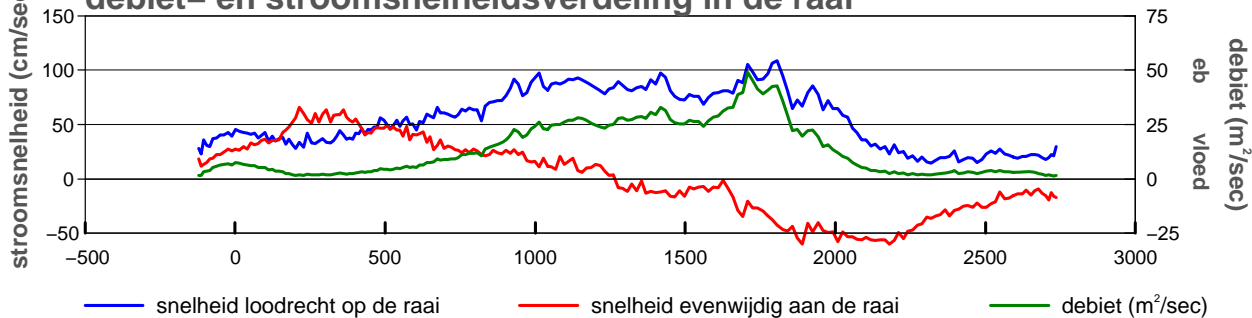
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



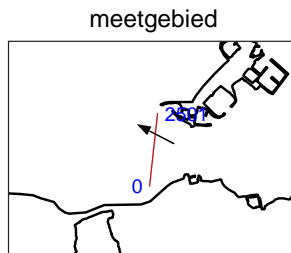
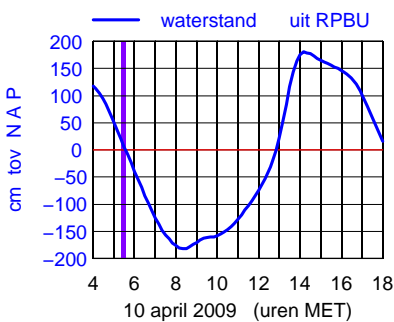
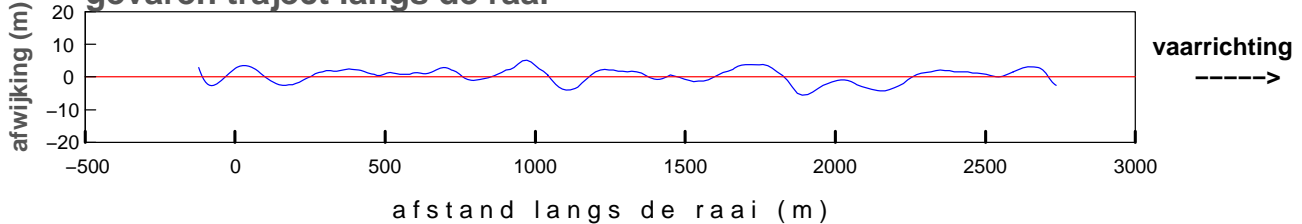
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

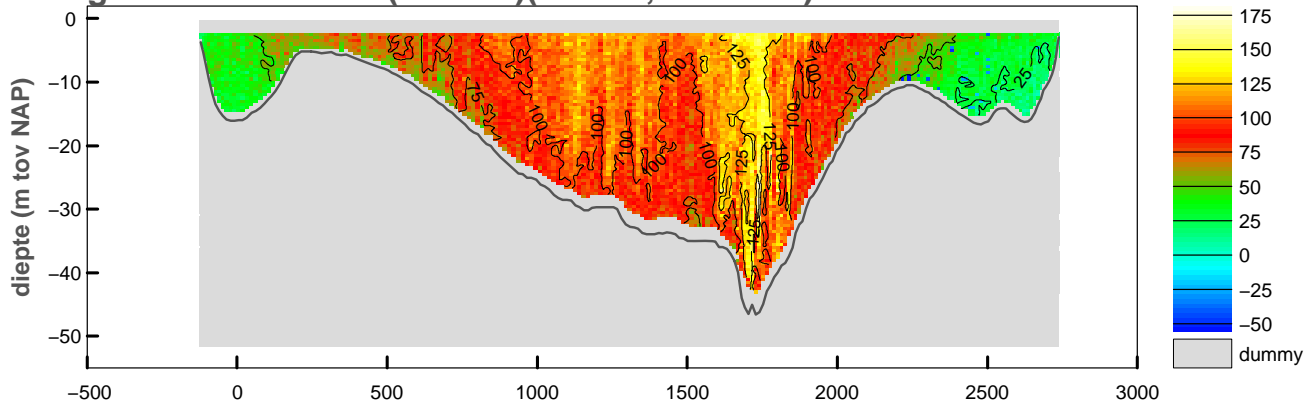


maximum gemiddelde stroom-  
 snelheid in de vertikaal

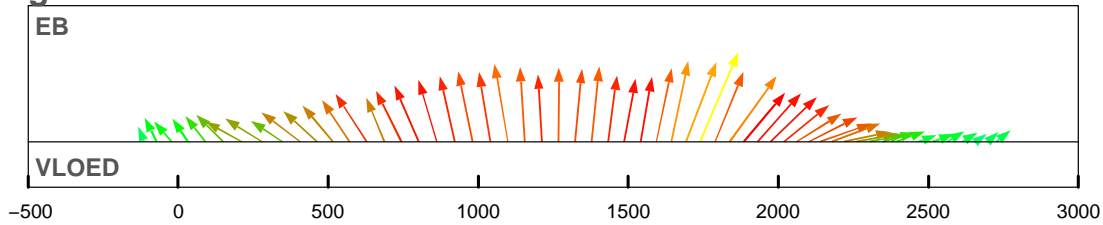
afstand uit nulpunt : 1807 m  
 stroomsnelheid : 117 cm/sec  
 stroomrichting : 298°

doorstroomoppervlak : -57945 m<sup>2</sup>  
 raaidebiet : 39189 m<sup>3</sup>/sec

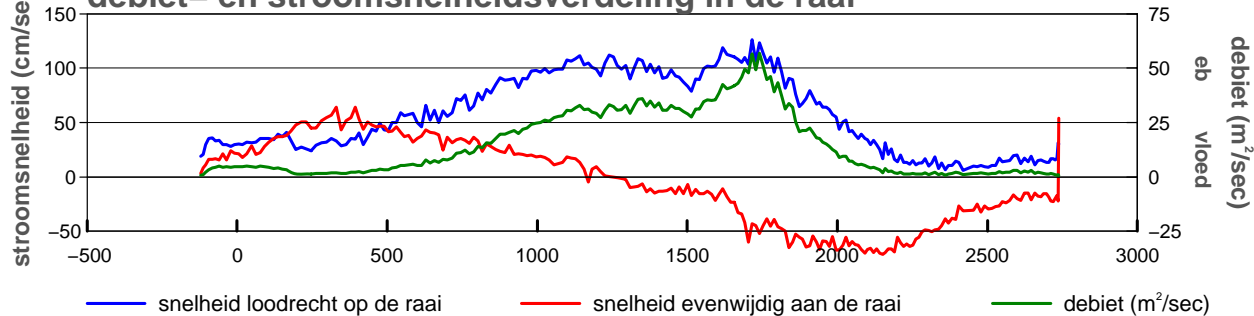
**gemeten snelheid (cm/sec)(eb > 0 , vloed < 0)**



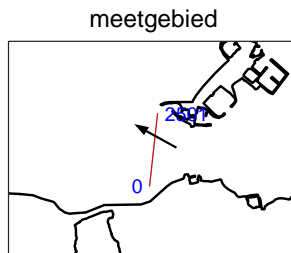
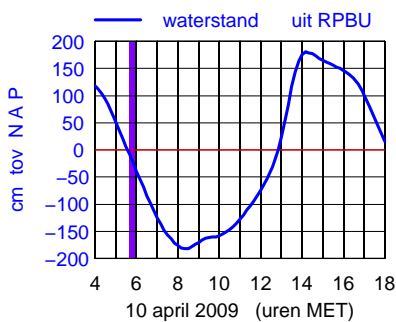
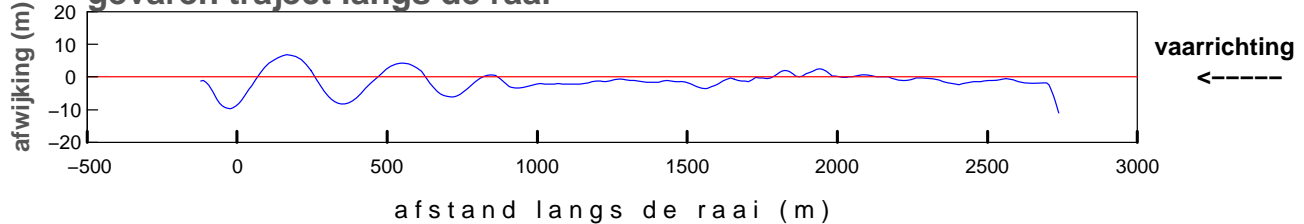
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

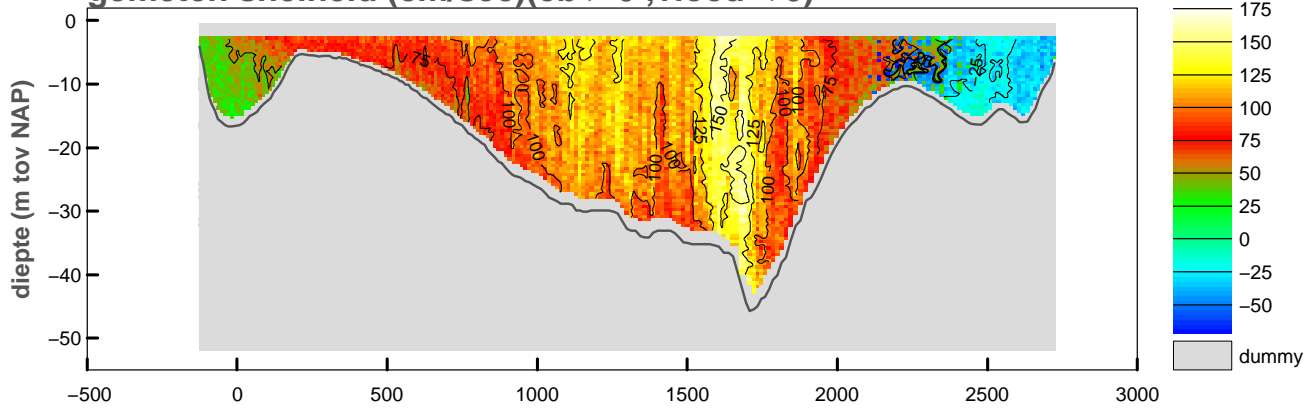


maximum gemiddelde stroom-  
 snelheid in de vertikaal

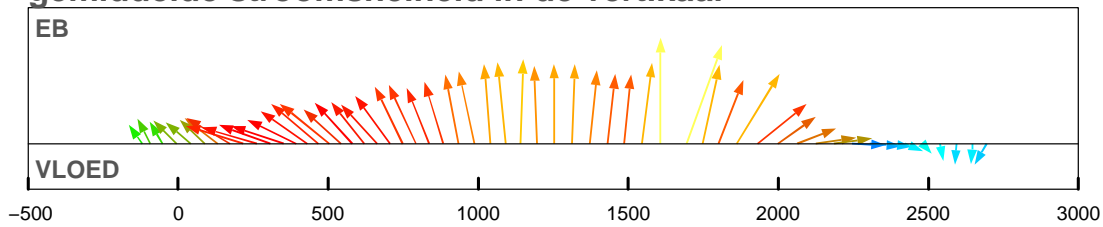
afstand uit nulpunt : 1740 m  
 stroomsnelheid : 134 cm/sec  
 stroomrichting : 299°

doorstroomoppervlak : -57034 m<sup>2</sup>  
 raaidebiet : 42385 m<sup>3</sup>/sec

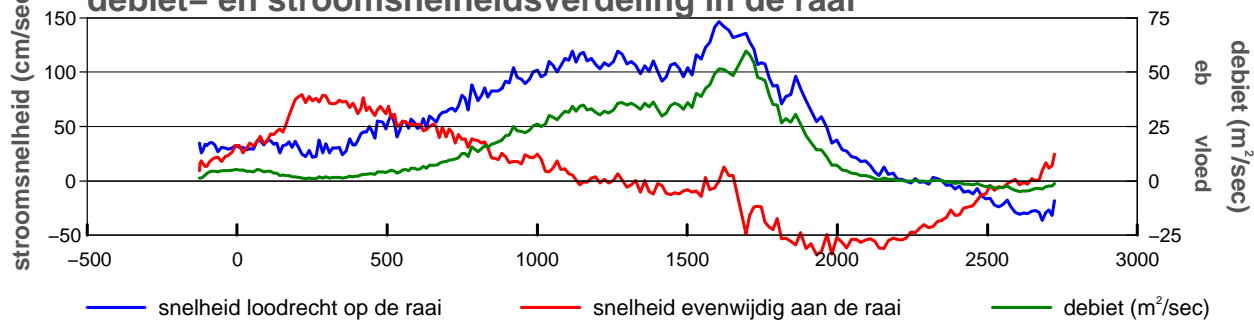
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



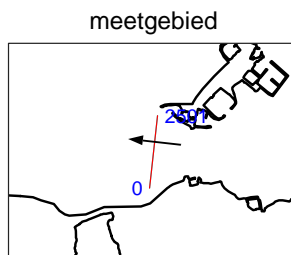
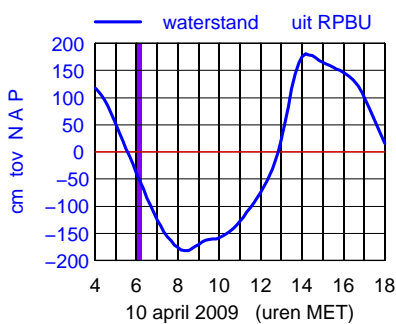
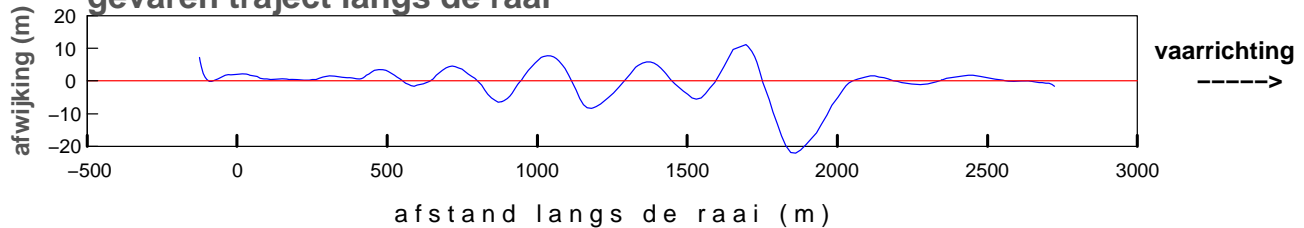
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



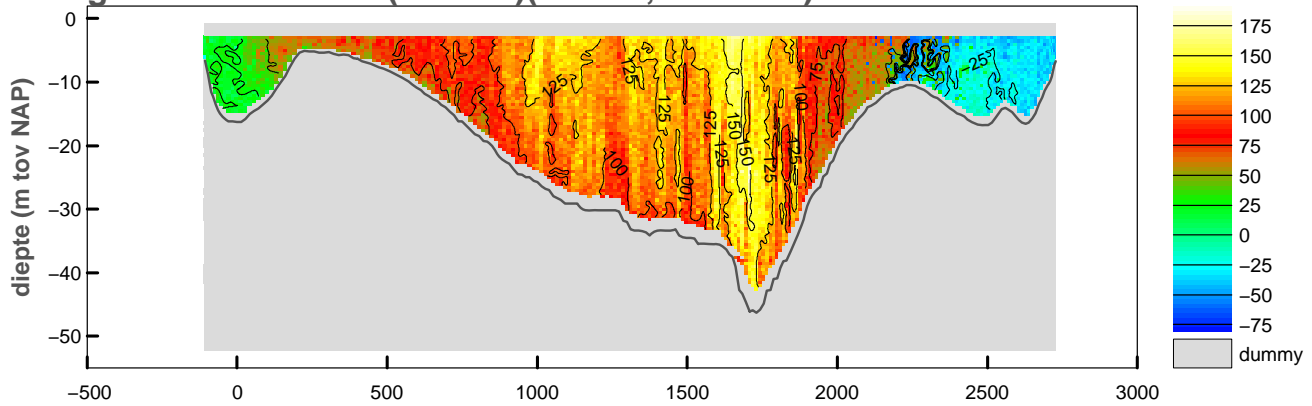
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1606 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 276°

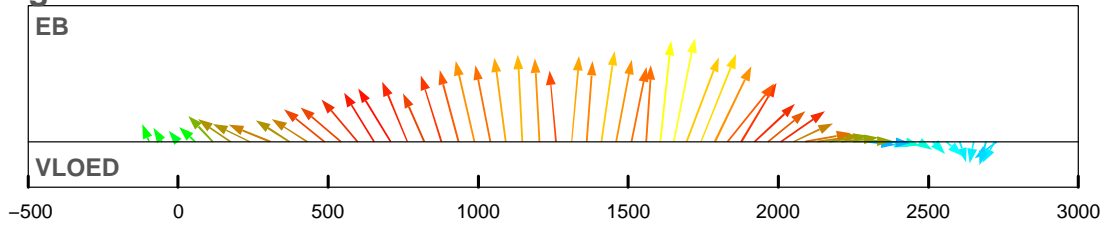
doorstroomoppervlak : -56211 m<sup>2</sup>  
 raaidebiet : 42189 m<sup>3</sup>/sec



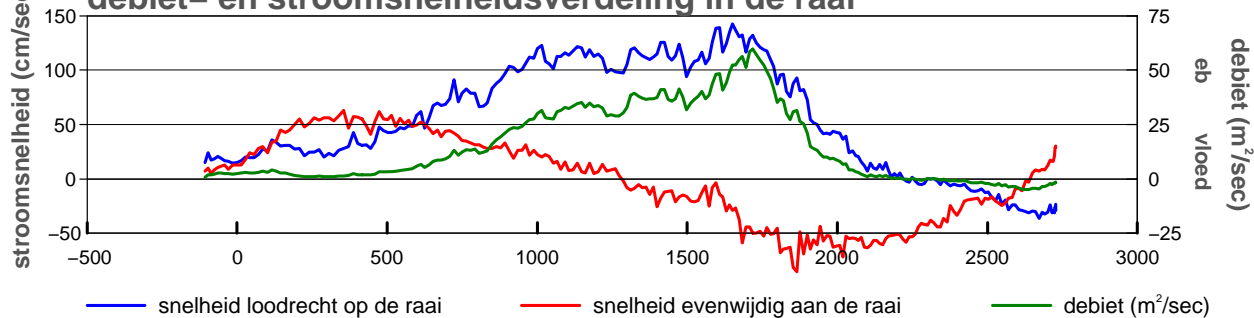
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



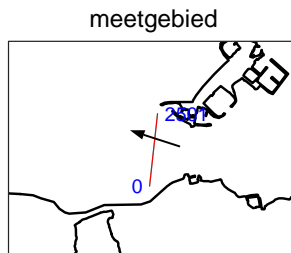
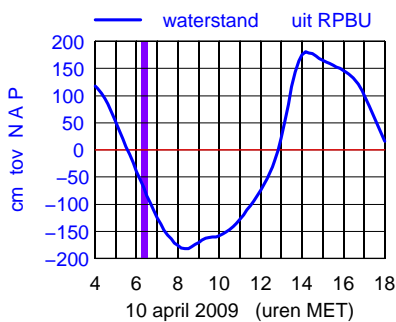
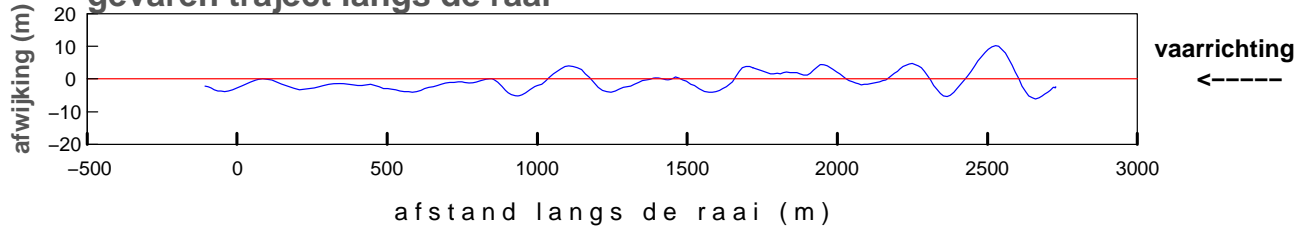
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

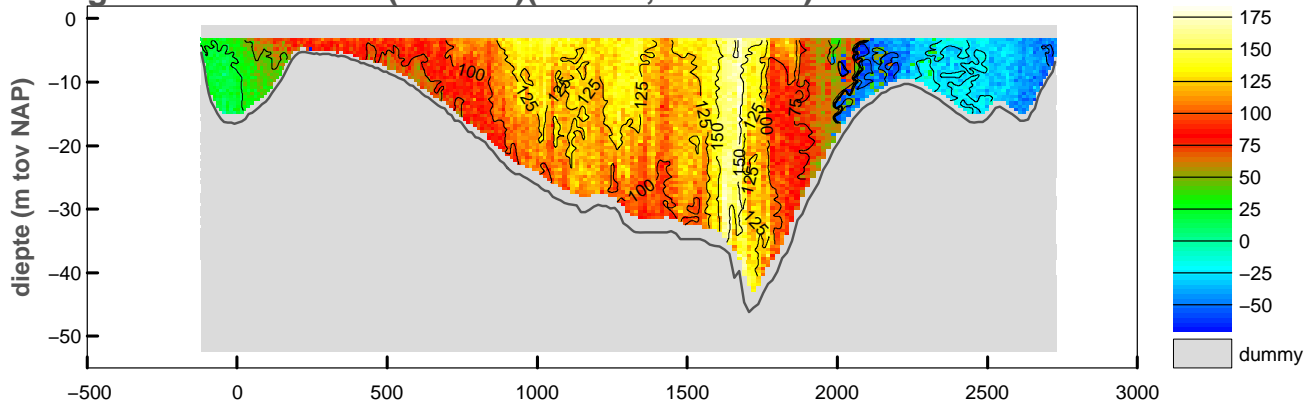


maximum gemiddelde stroom-  
 snelheid in de vertikaal

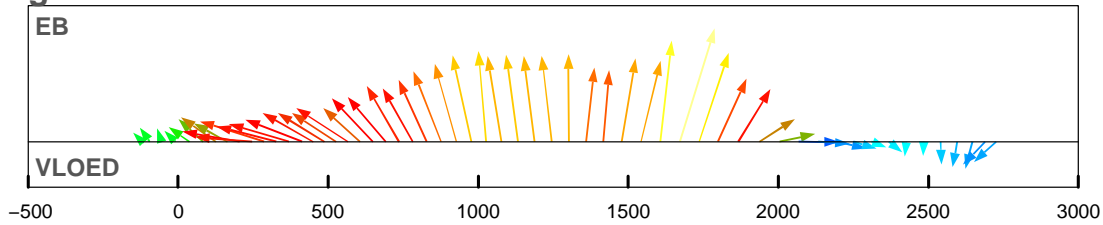
afstand uit nulpunt : 1651 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 288°

doorstroomoppervlak : -55643 m<sup>2</sup>  
 raaidebiet : 42613 m<sup>3</sup>/sec

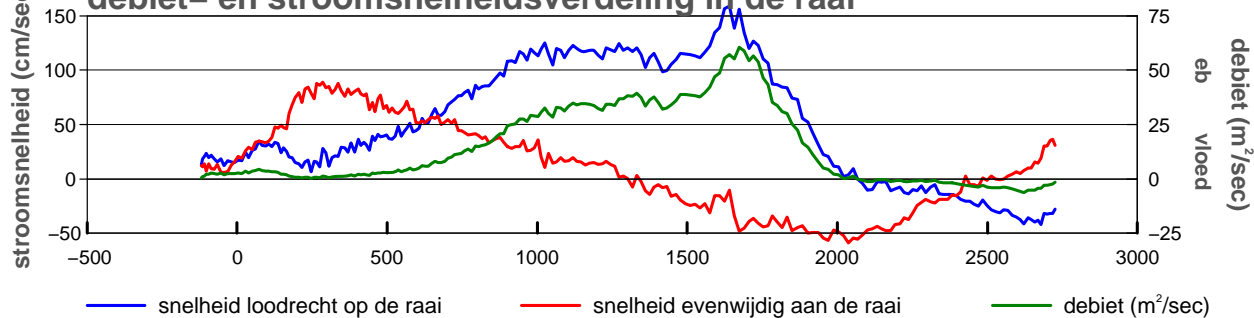
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



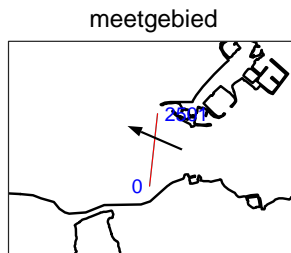
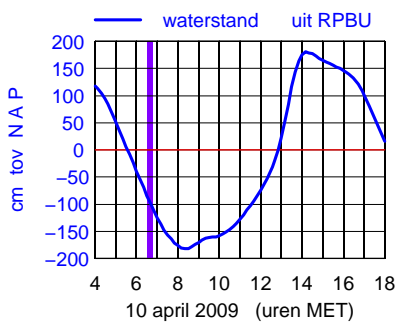
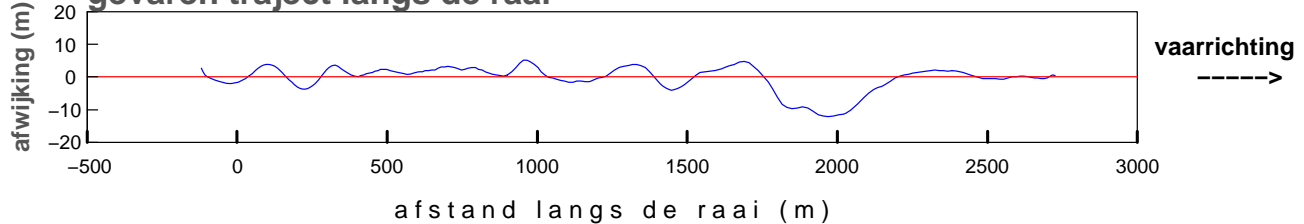
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

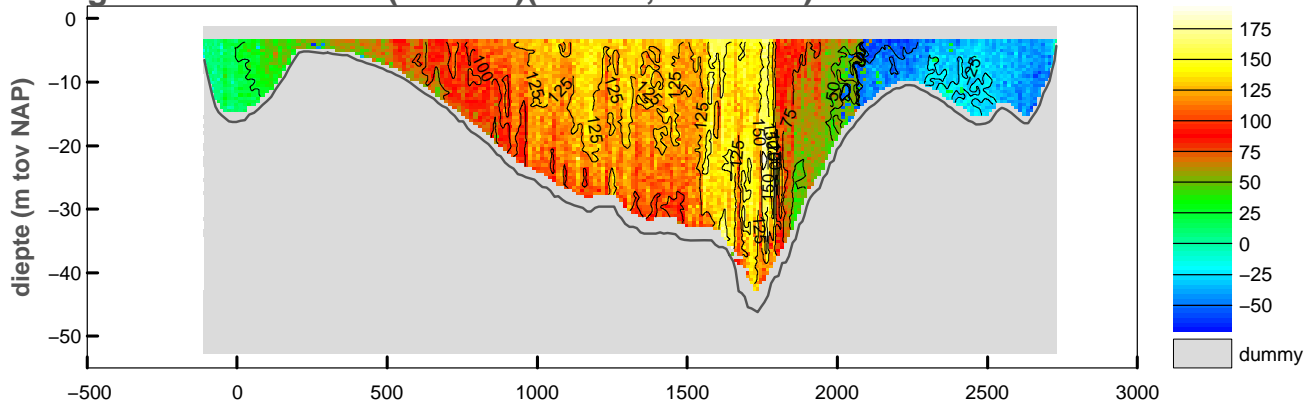


maximum gemiddelde stroom-  
 snelheid in de vertikaal

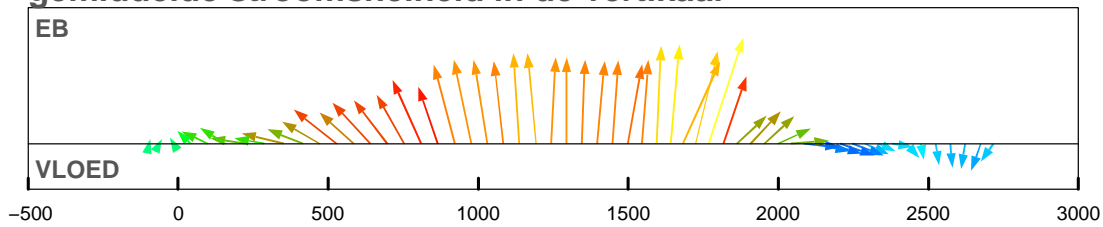
afstand uit nulpunt : 1673 m  
 stroomsnelheid : 163 cm/sec  
 stroomrichting : 293°

doorstroomoppervlak : -54743 m<sup>2</sup>  
 raaidebiet : 41266 m<sup>3</sup>/sec

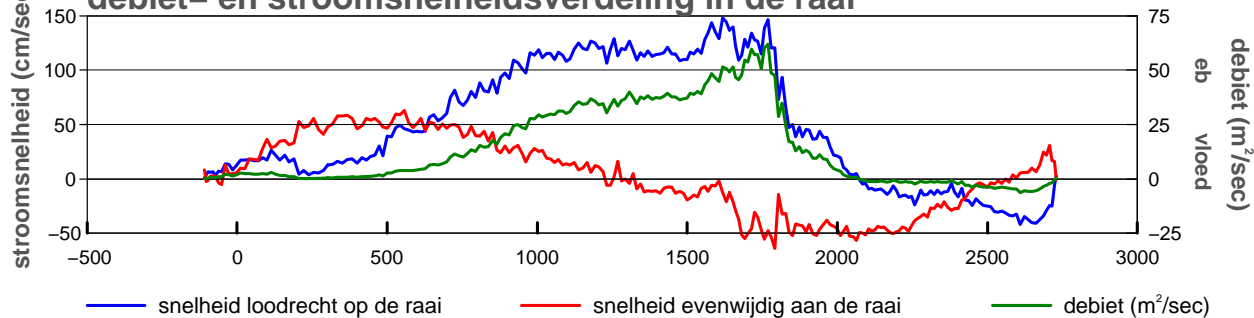
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



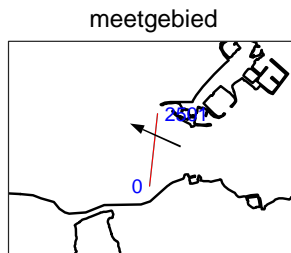
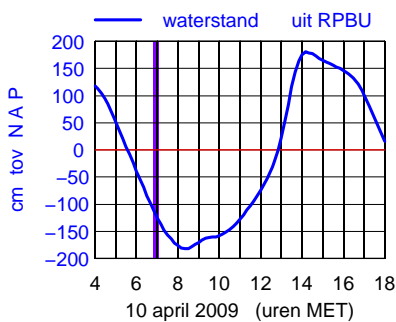
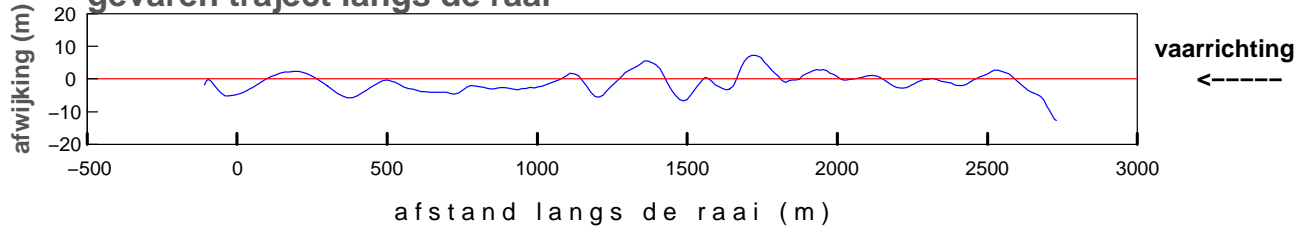
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

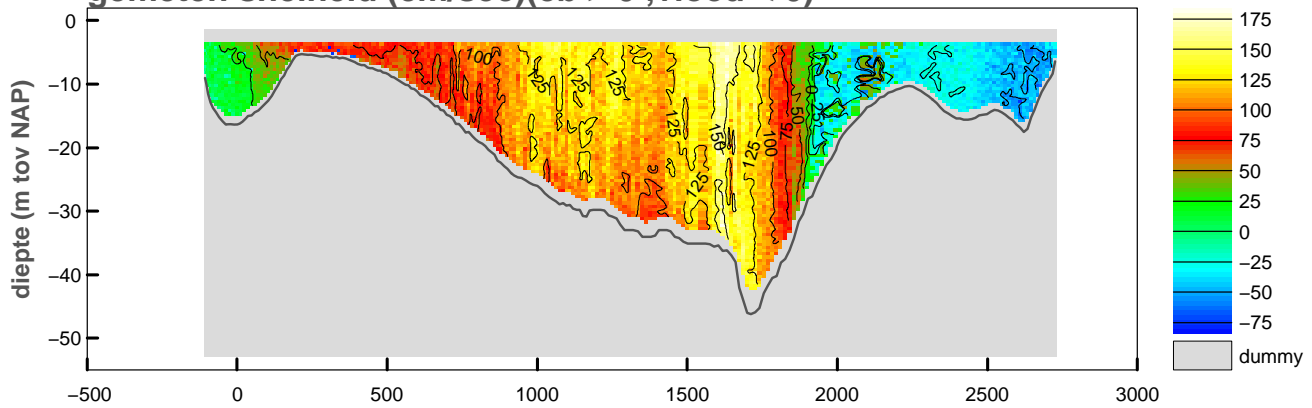


maximum gemiddelde stroom-  
 snelheid in de vertikaal

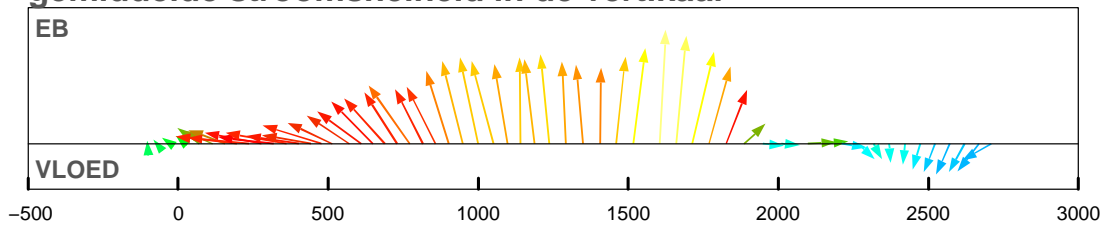
afstand uit nulpunt : 1768 m  
 stroomsnelheid : 154 cm/sec  
 stroomrichting : 294°

doorstroomoppervlak : -54274 m<sup>2</sup>  
 raaidebiet : 40240 m<sup>3</sup>/sec

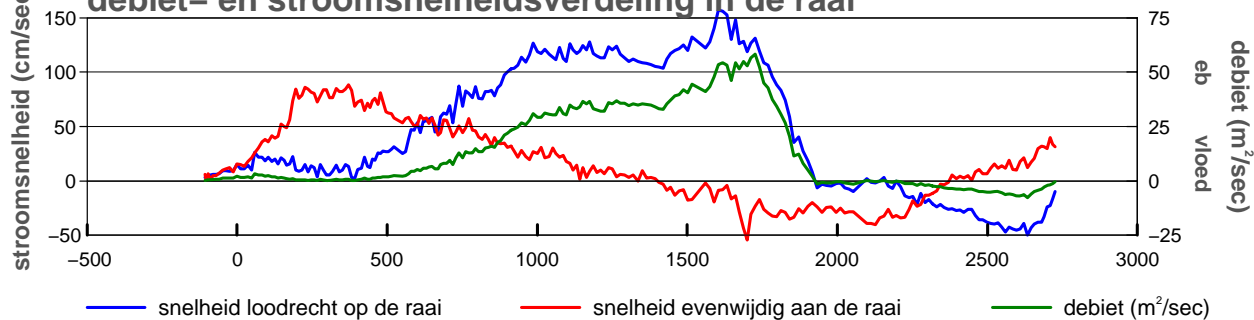
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



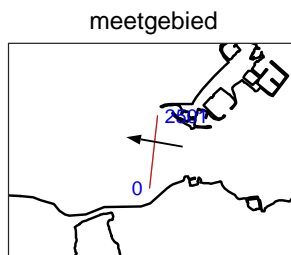
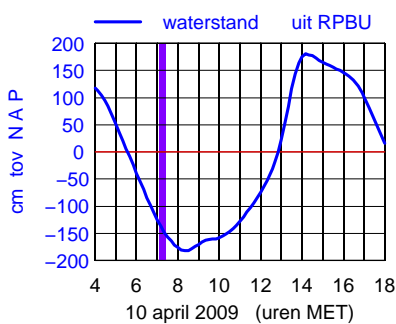
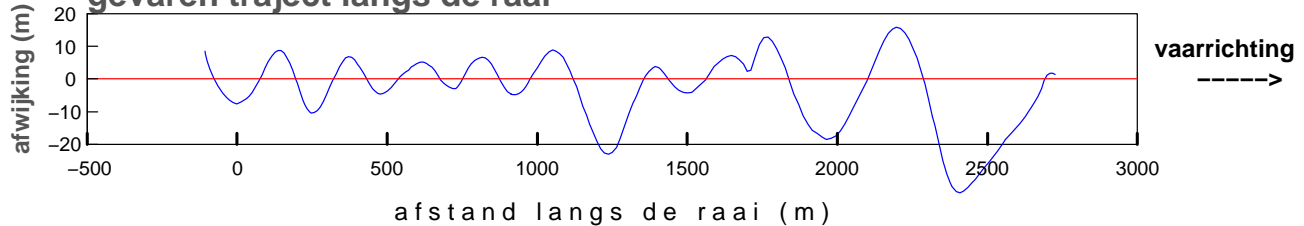
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

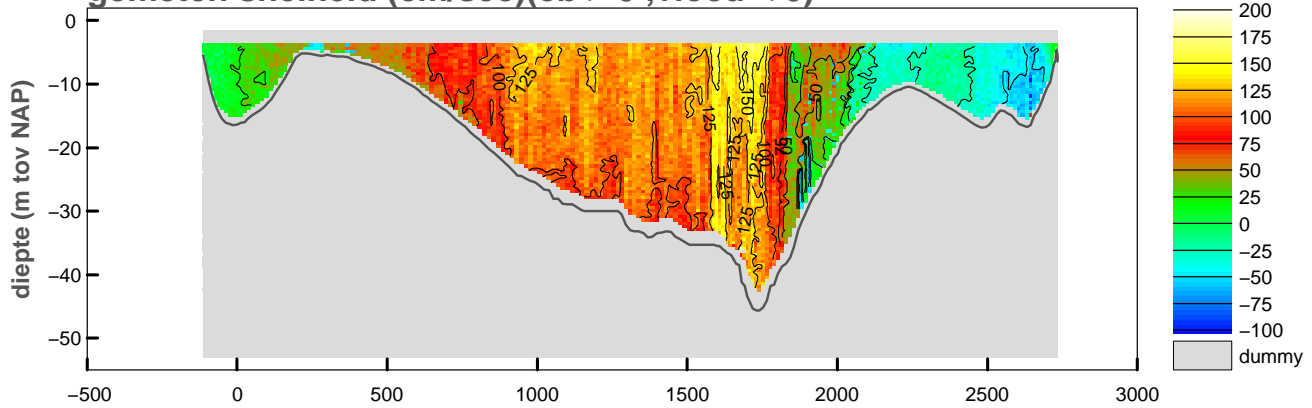


maximum gemiddelde stroom-  
 snelheid in de vertikaal

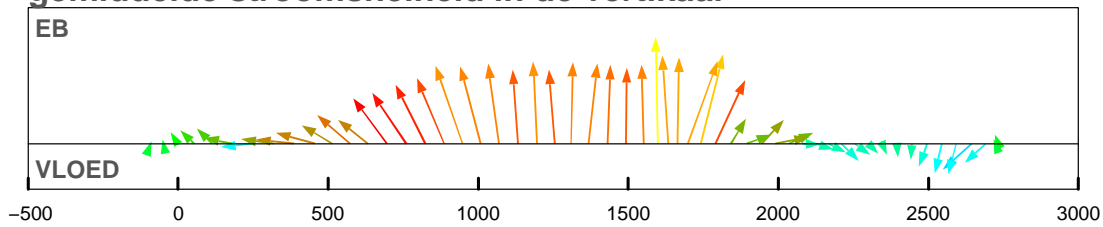
afstand uit nulpunt : 1604 m  
 stroomsnelheid : 157 cm/sec  
 stroomrichting : 279°

doorstroomoppervlak : -53607 m²  
 raaidebiet : 38394 m³/sec

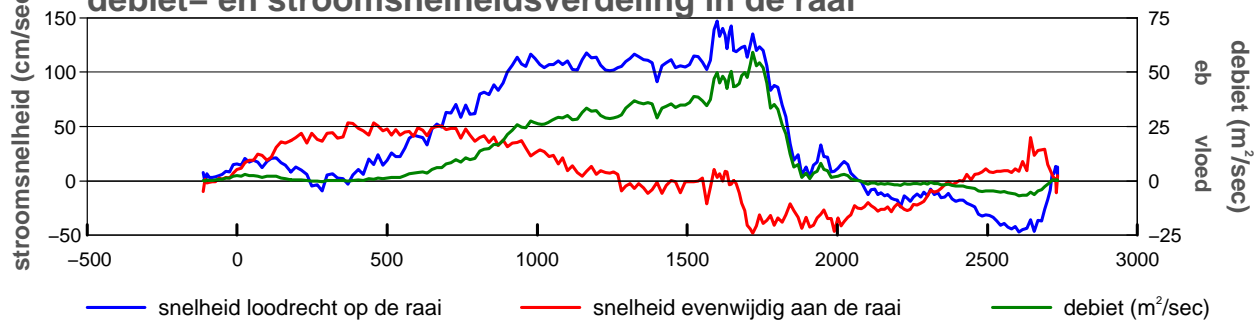
**gemeten snelheid (cm/sec)(eb > 0 , vloed < 0)**



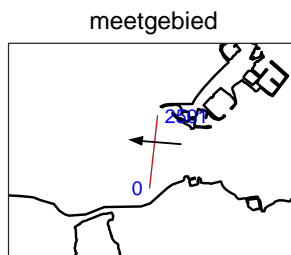
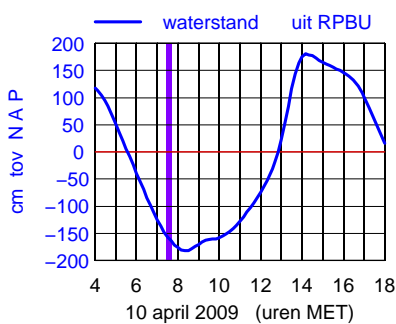
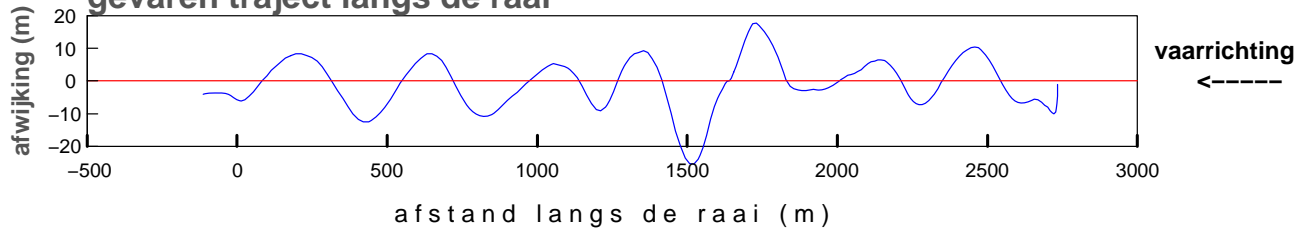
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

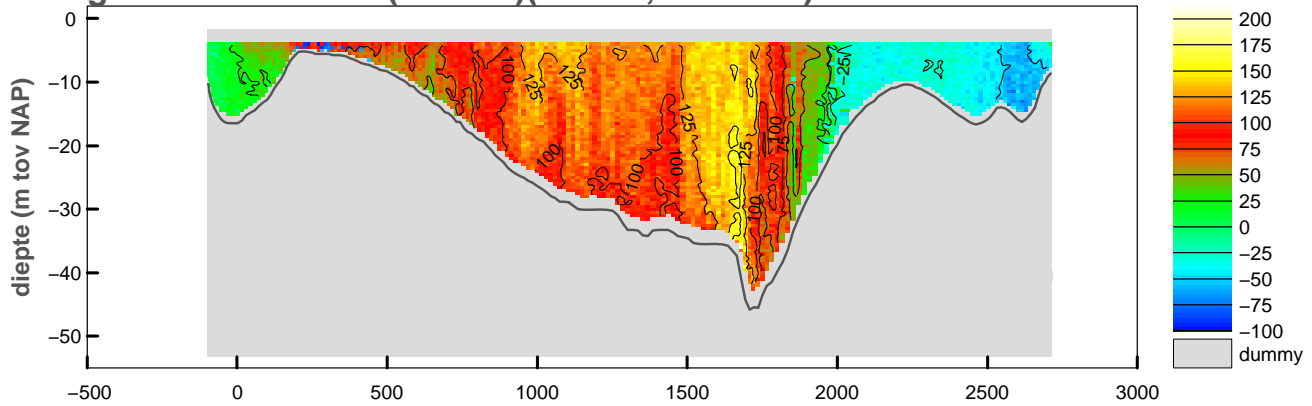


maximum gemiddelde stroom-  
 snelheid in de vertikaal

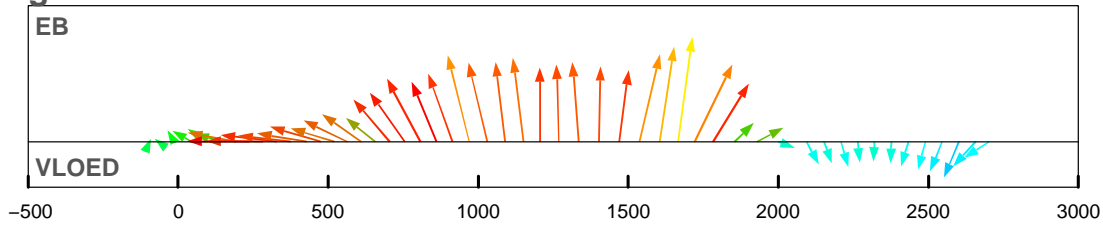
afstand uit nulpunt : 1599 m  
 stroomsnelheid : 147 cm/sec  
 stroomrichting : 275 °

doorstroomoppervlak : -53066 m²  
 raaidebiet : 35445 m³/sec

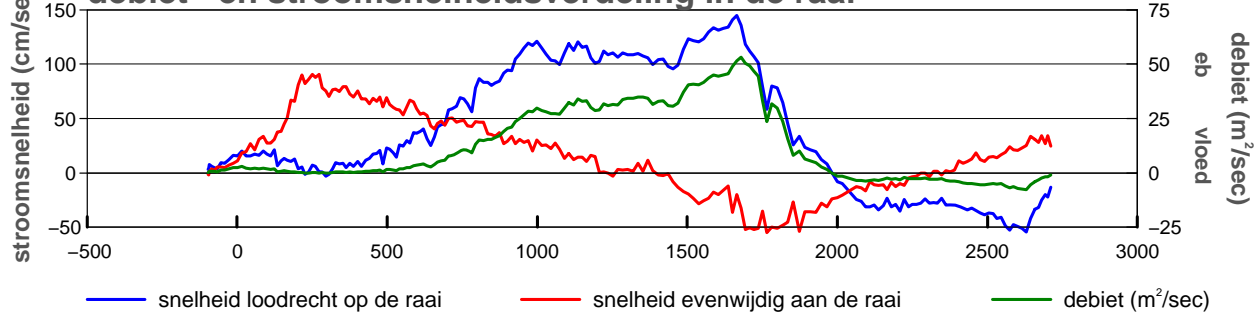
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



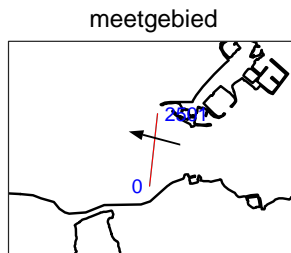
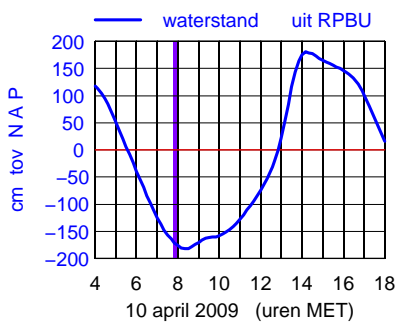
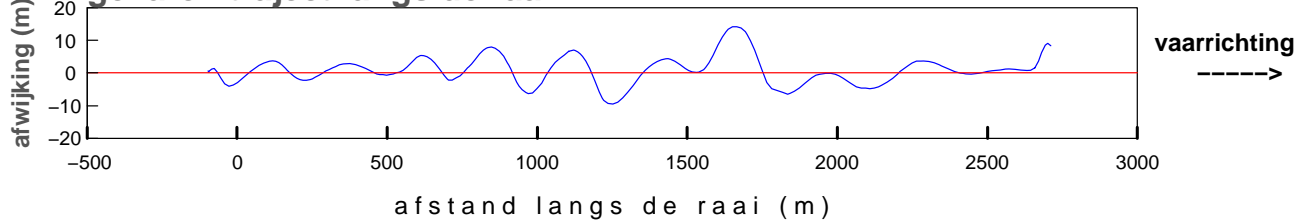
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

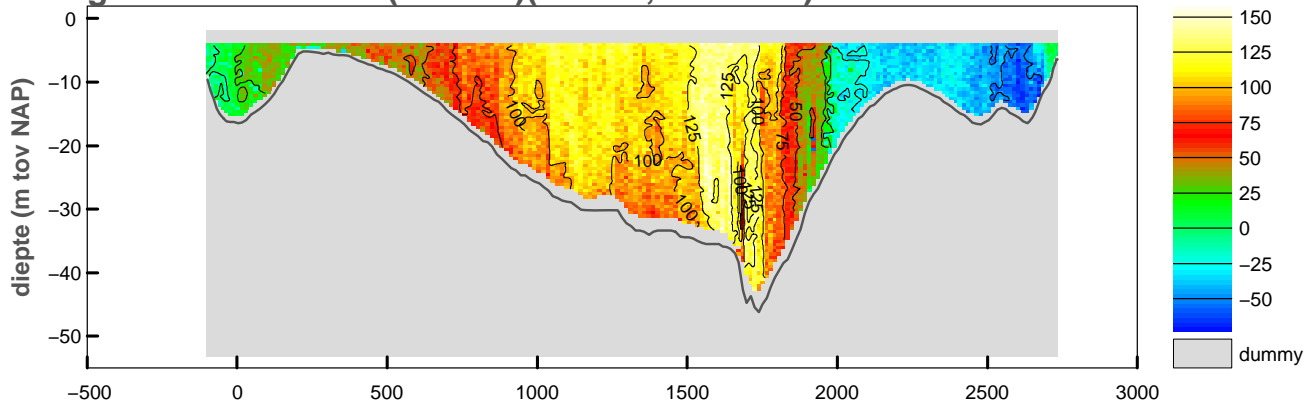


maximum gemiddelde stroom-  
 snelheid in de vertikaal

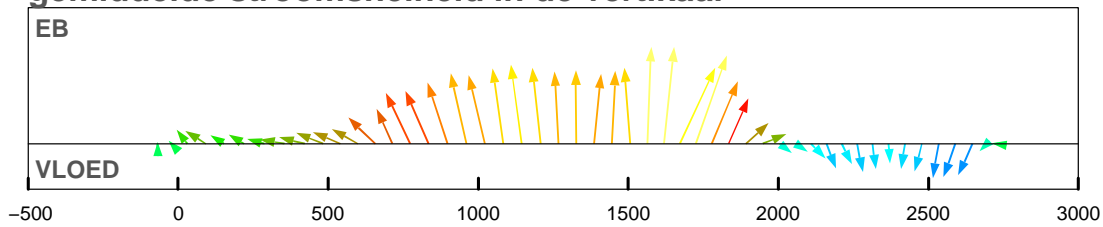
afstand uit nulpunt : 1665 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 284°

doorstroomoppervlak : -52346 m²  
 raaidebiet : 33985 m³/sec

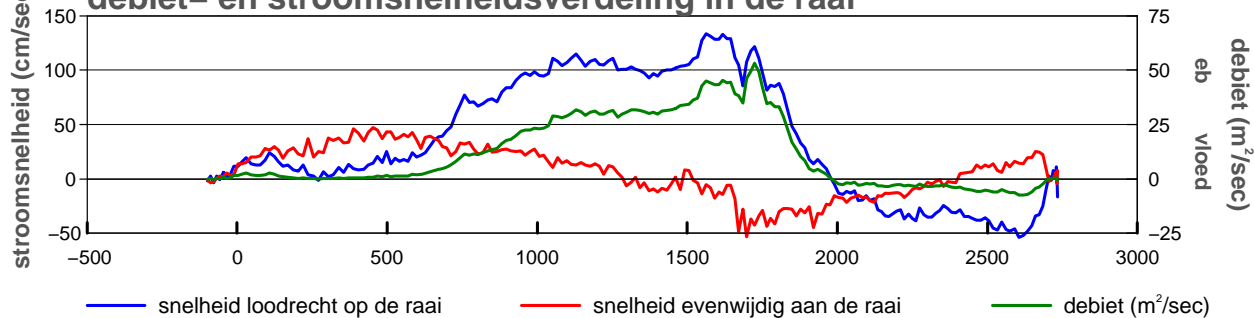
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



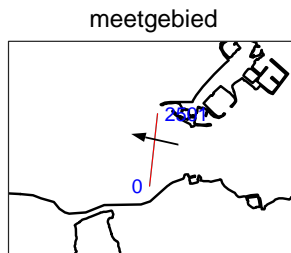
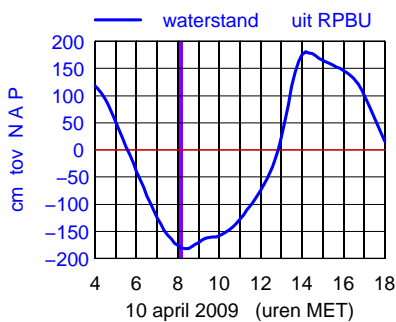
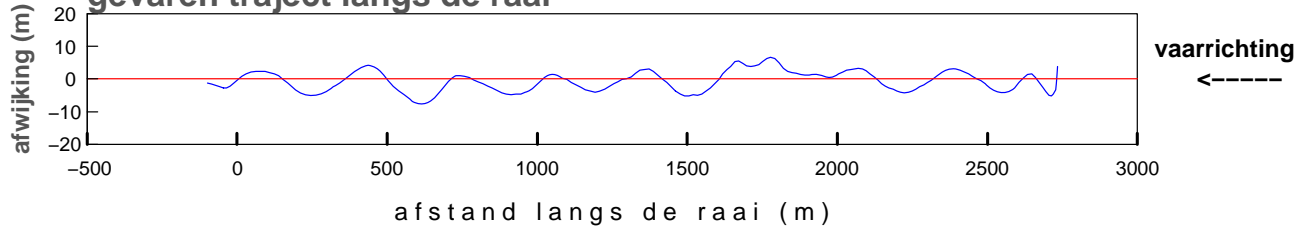
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

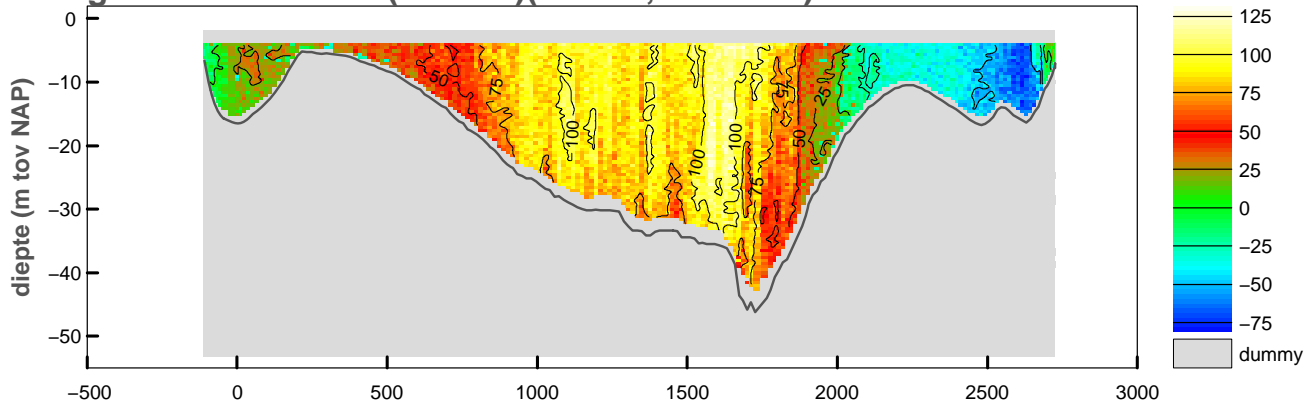


maximum gemiddelde stroom-  
 snelheid in de vertikaal

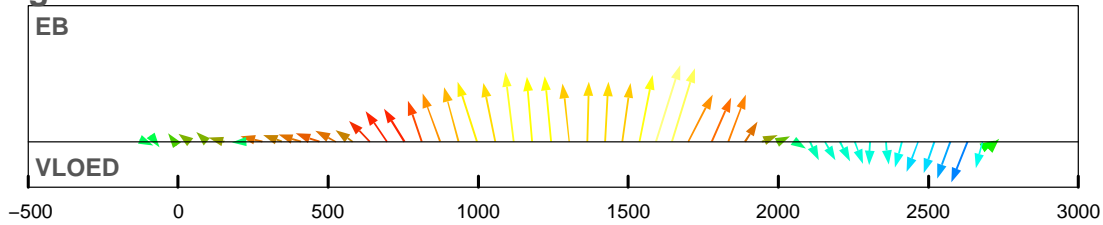
afstand uit nulpunt : 1618 m  
 stroomsnelheid : 134 cm/sec  
 stroomrichting : 282°

doorstroomoppervlak : -52495 m²  
 raaidebiet : 32358 m³/sec

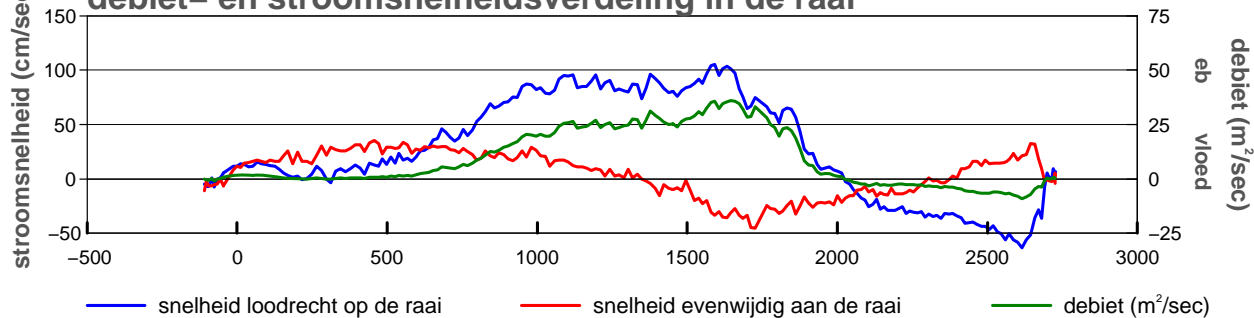
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



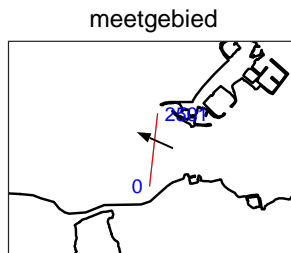
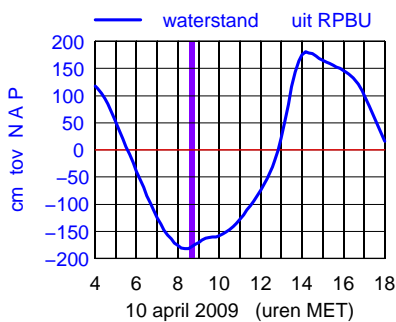
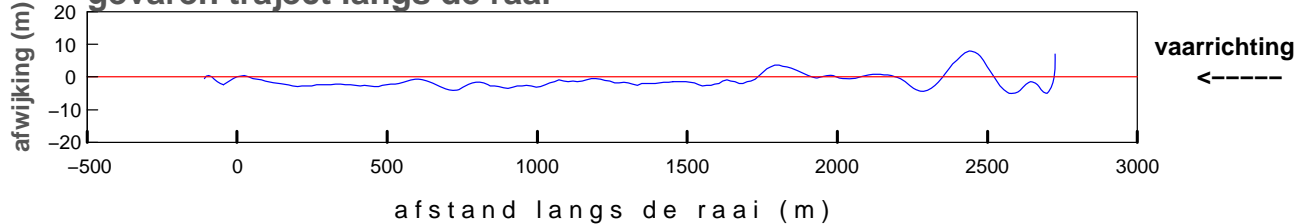
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



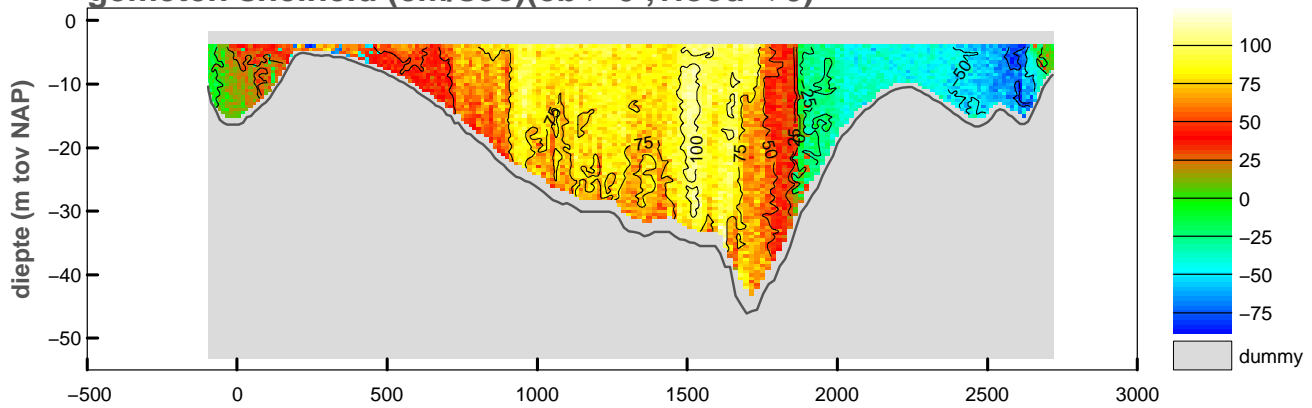
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1591 m  
 stroomsnelheid : 111 cm/sec  
 stroomrichting : 294°

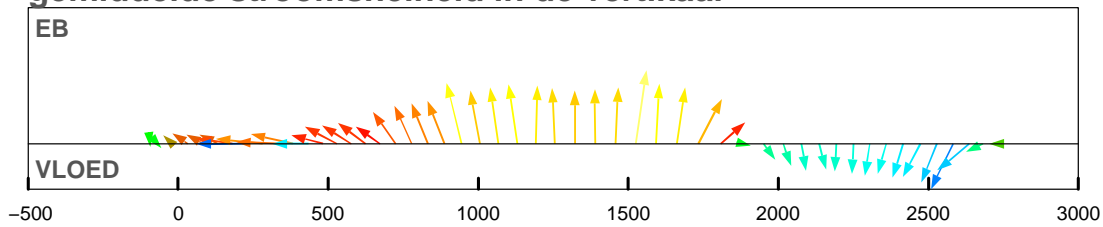
doorstroomoppervlak : -52765 m²  
 raaidebiet : 25766 m³/sec



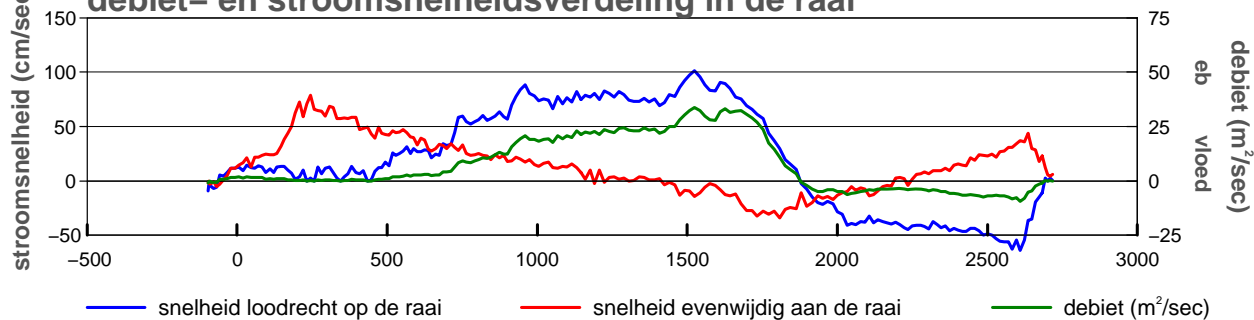
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



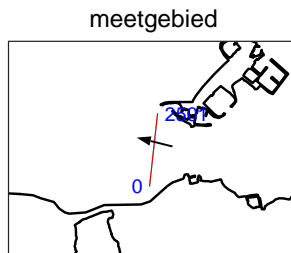
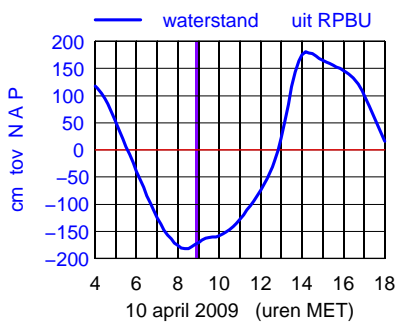
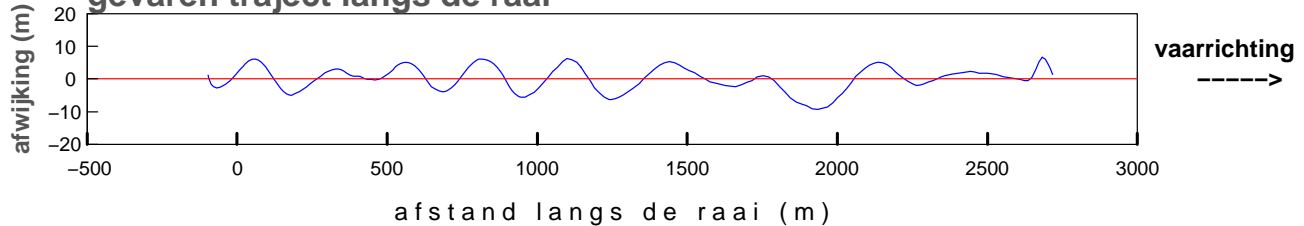
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

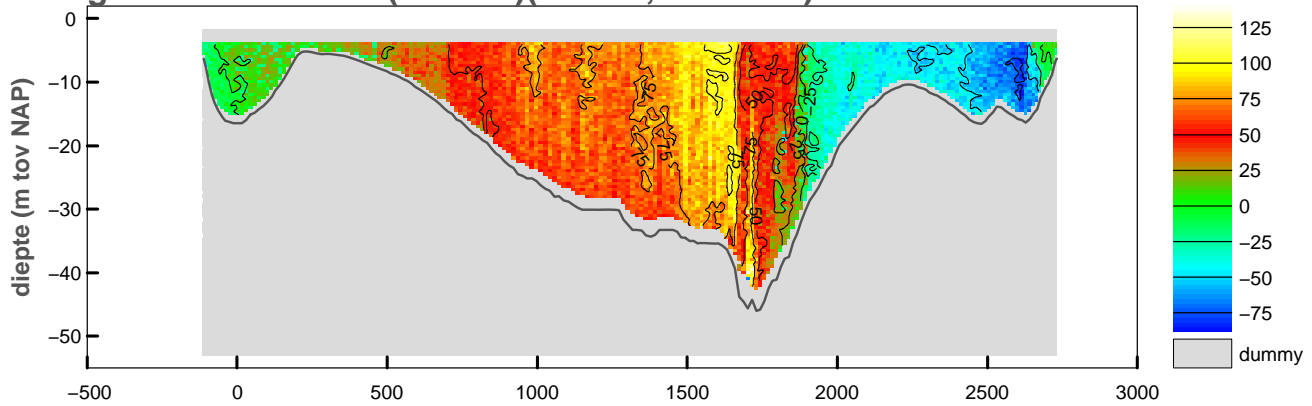


maximum gemiddelde stroom-  
 snelheid in de vertikaal

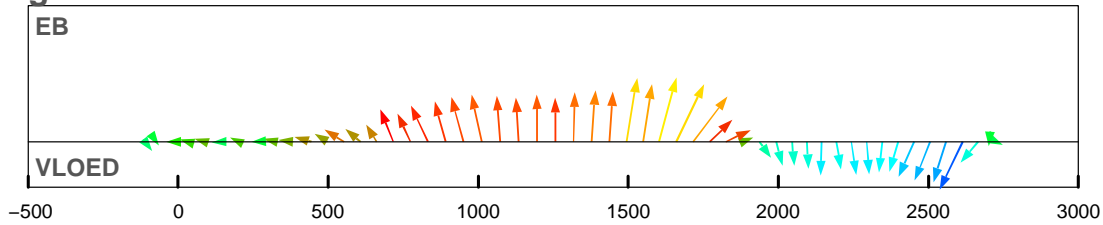
afstand uit nulpunt : 1525 m  
 stroomsnelheid : 102 cm/sec  
 stroomrichting : 284°

doorstroomoppervlak : -52763 m²  
 raaidebiet : 20877 m³/sec

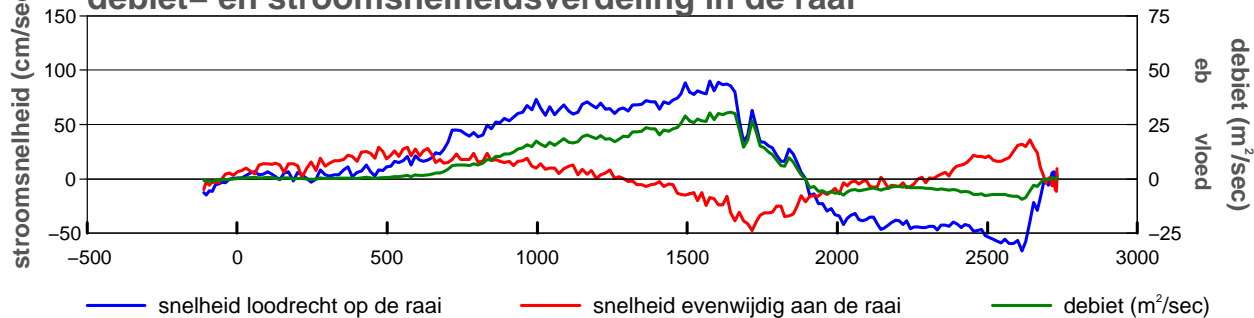
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



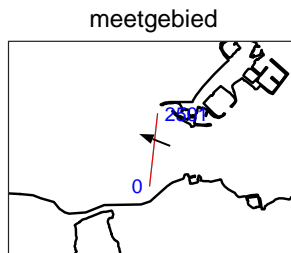
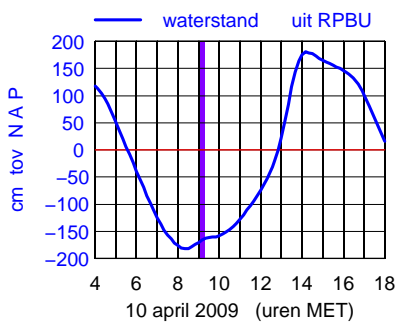
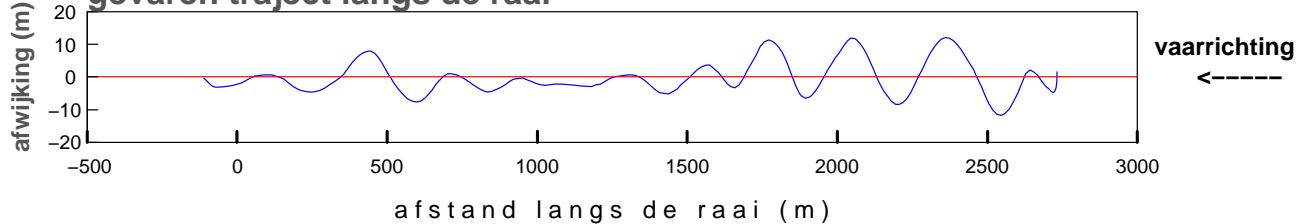
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

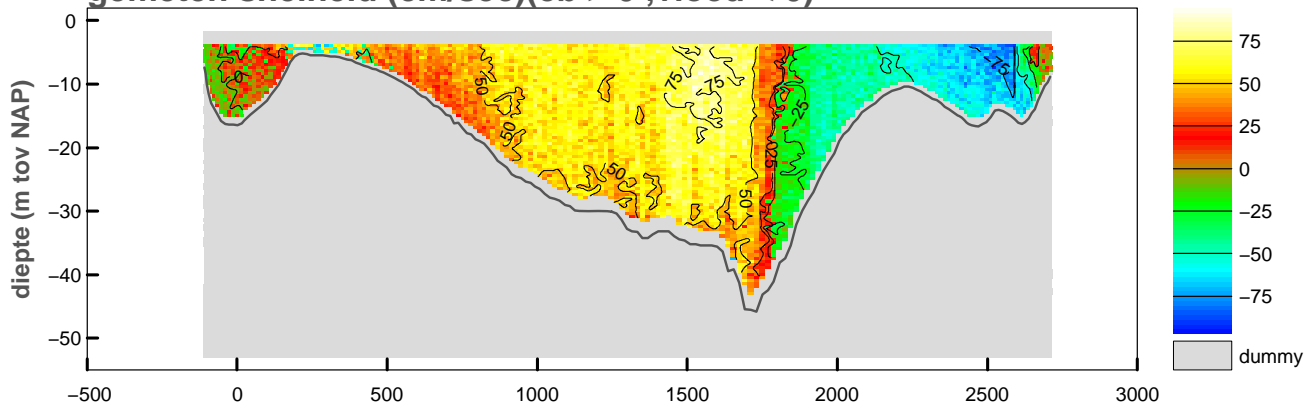


maximum gemiddelde stroom-  
 snelheid in de vertikaal

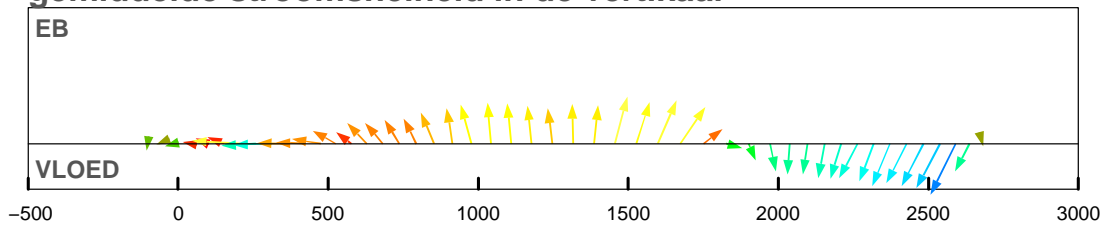
afstand uit nulpunt : 1603 m  
 stroomsnelheid : 92 cm/sec  
 stroomrichting : 291°

doorstroomoppervlak : -53054 m²  
 raaidebiet : 16609 m³/sec

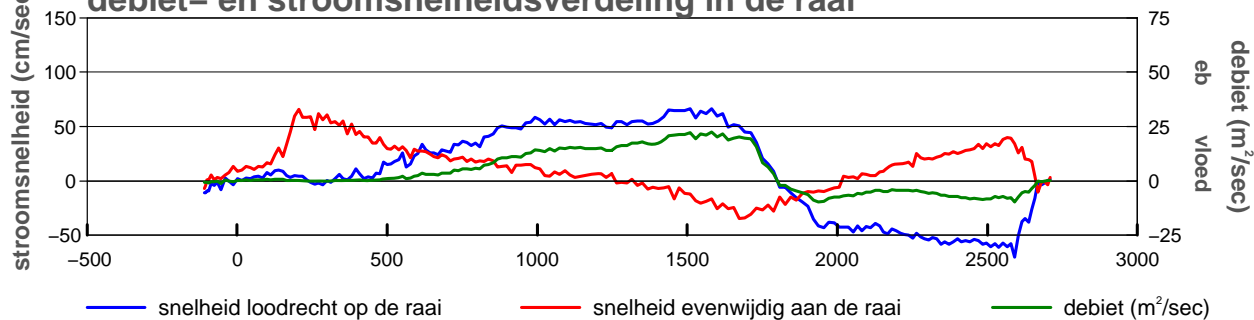
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



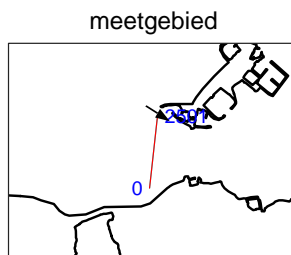
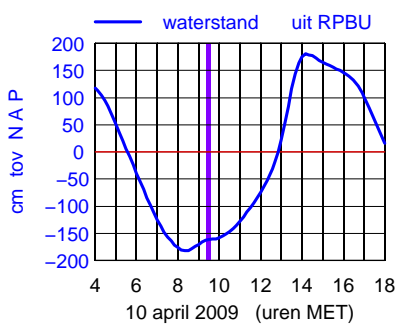
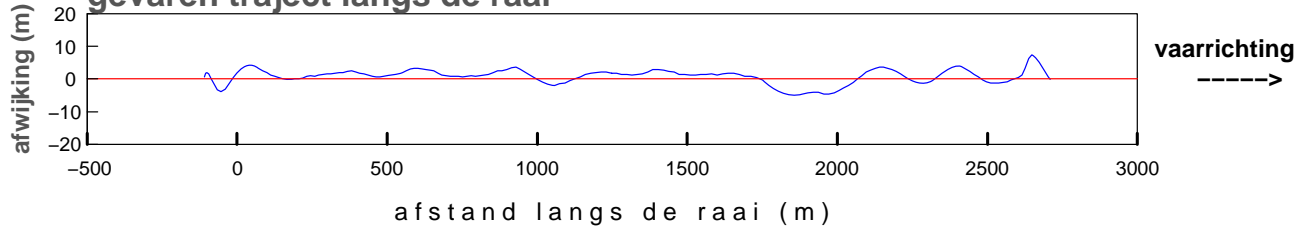
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

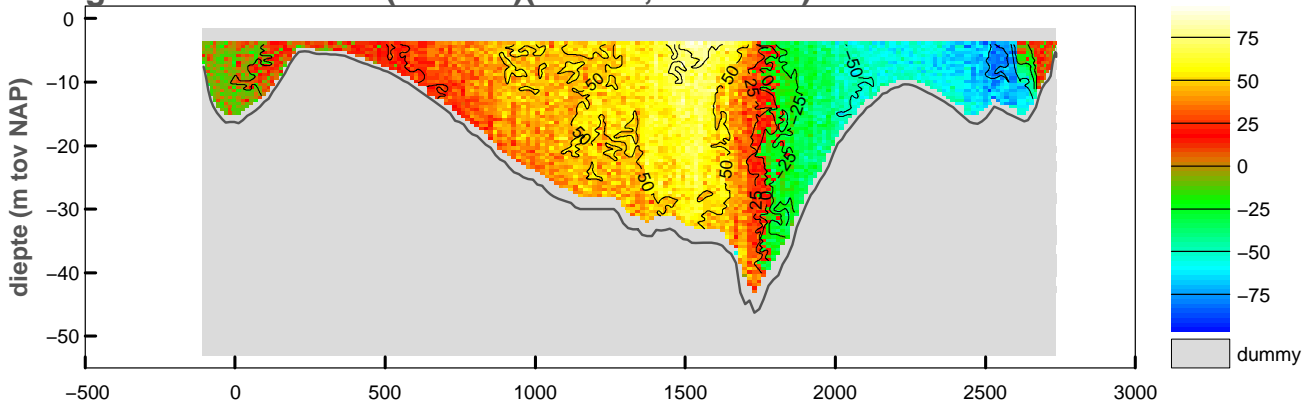


maximum gemiddelde stroom-  
 snelheid in de vertikaal

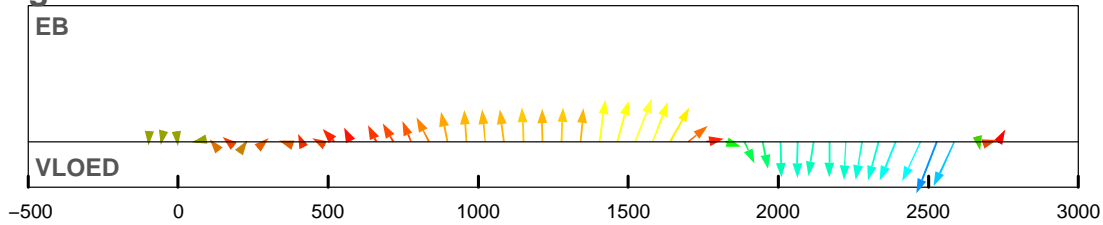
afstand uit nulpunt : 2591 m  
 stroomsnelheid : 78 cm/sec  
 stroomrichting : 122°

doorstroomoppervlak : -52927 m²  
 raaidebiet : 11175 m³/sec

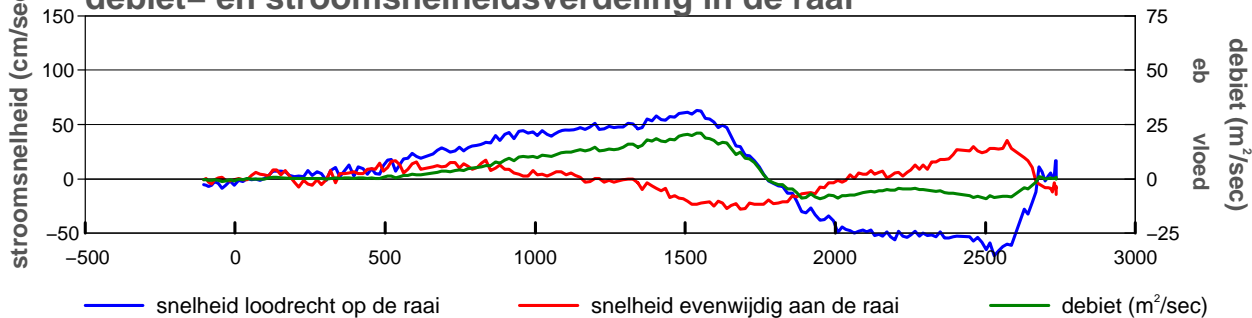
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



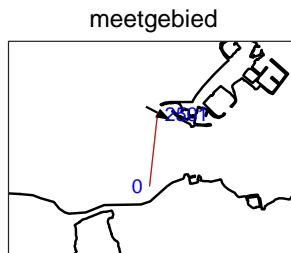
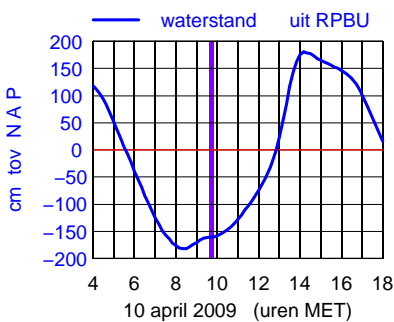
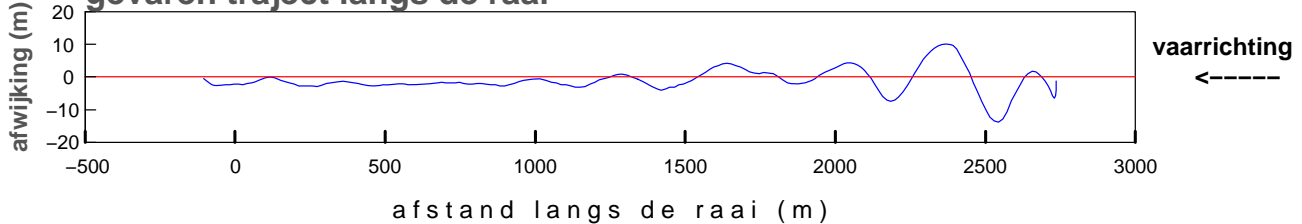
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

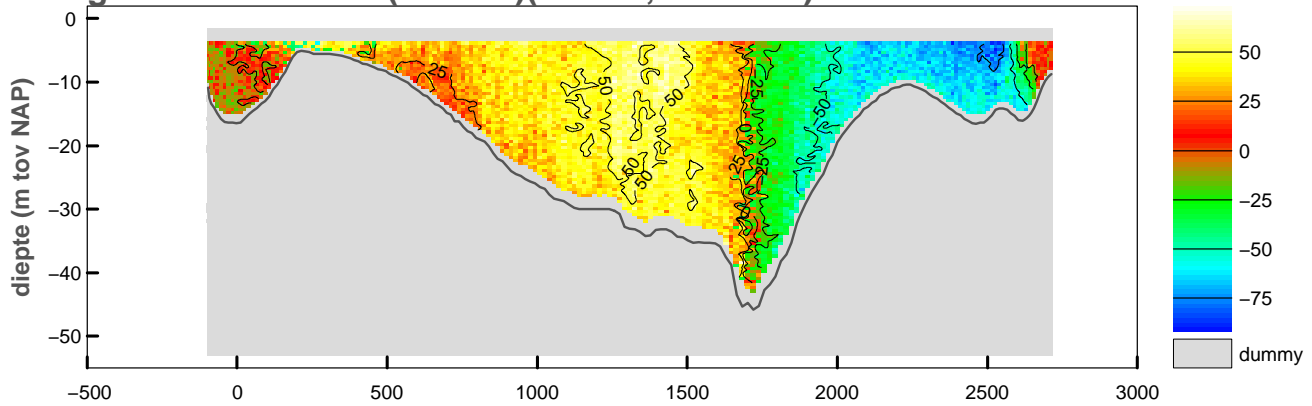


maximum gemiddelde stroom-  
 snelheid in de vertikaal

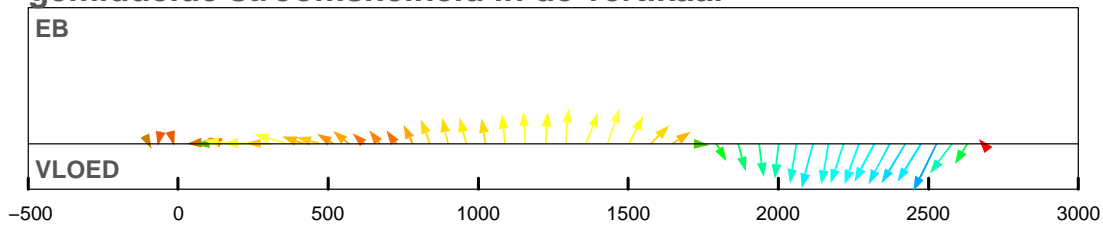
afstand uit nulpunt : 2529 m  
 stroomsnelheid : 76 cm/sec  
 stroomrichting : 118°

doorstroomoppervlak : -53083 m²  
 raaidebiet : 7939 m³/sec

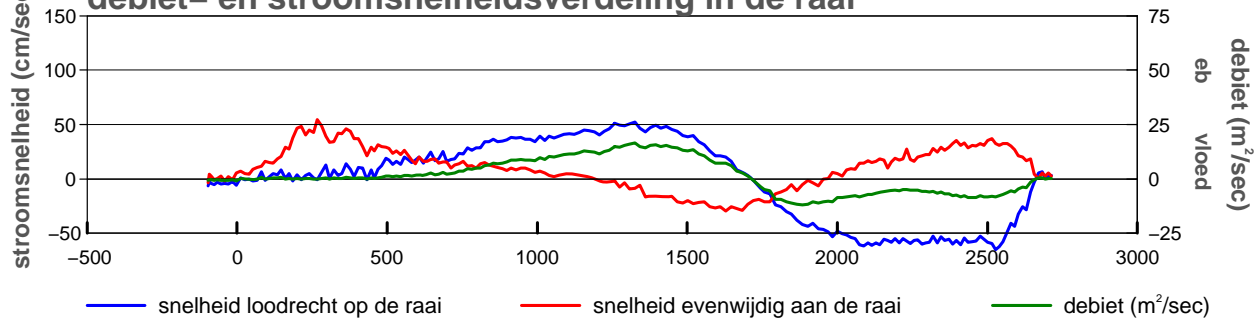
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



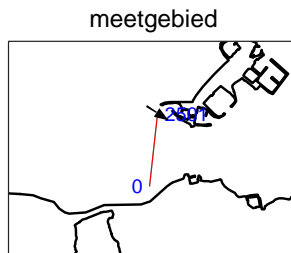
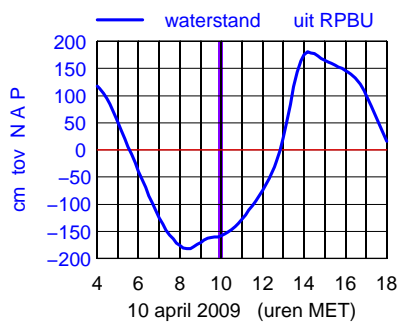
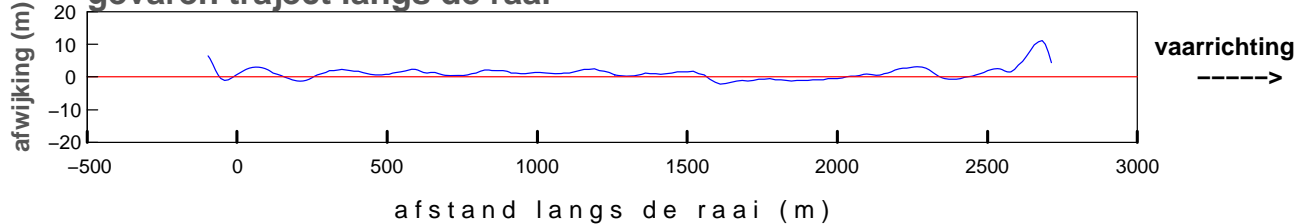
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

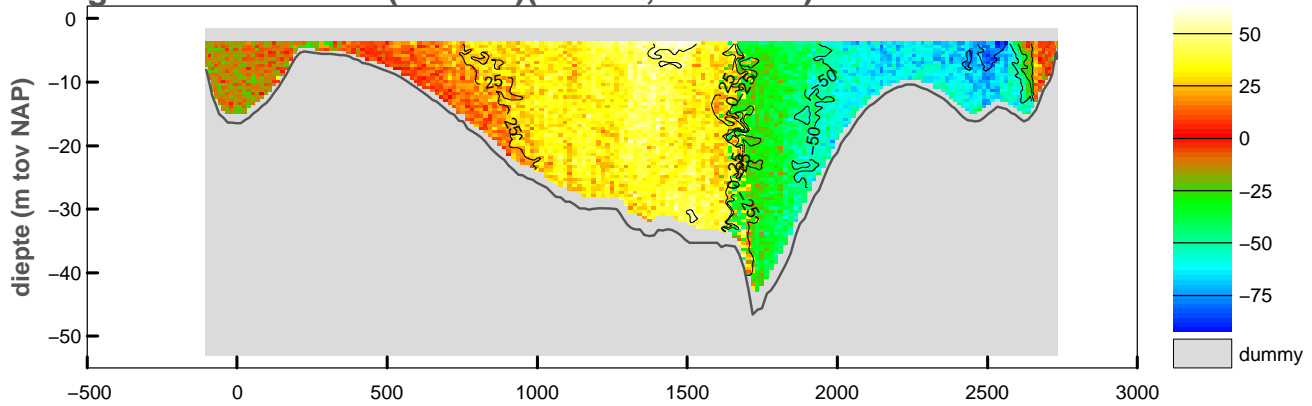


maximum gemiddelde stroom-  
 snelheid in de vertikaal

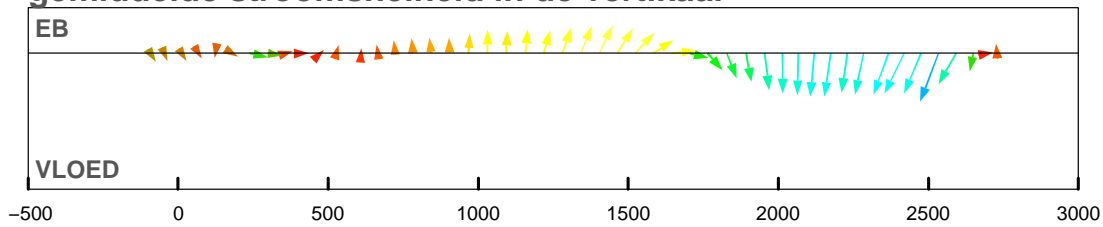
afstand uit nulpunt : 2527 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 123°

doorstroomoppervlak : -53019 m²  
 raaidebiet : 3587 m³/sec

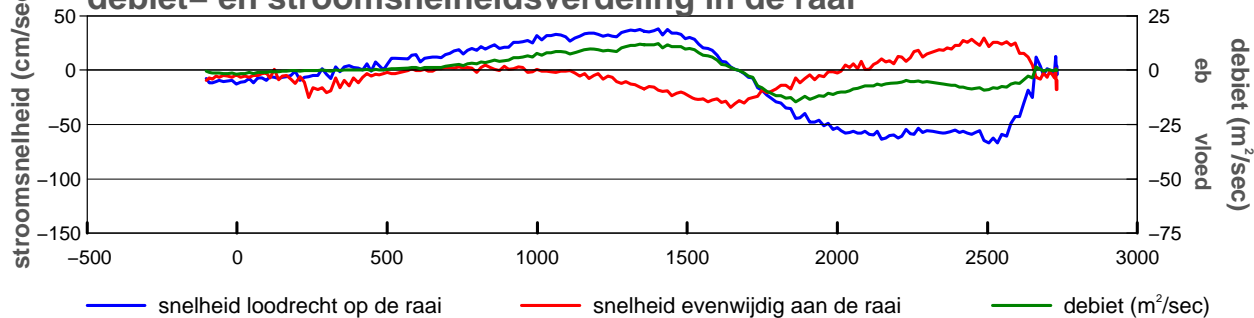
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



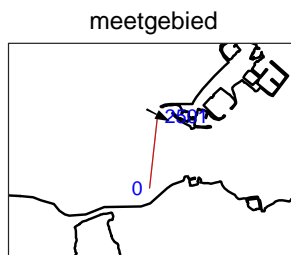
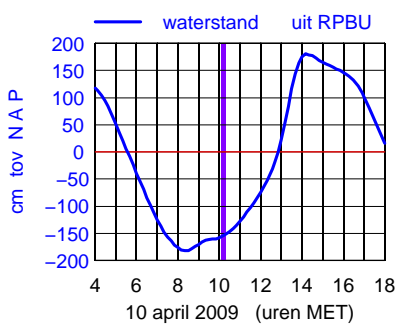
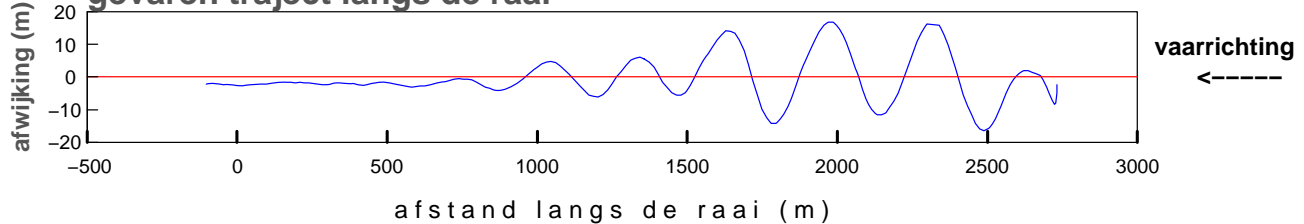
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

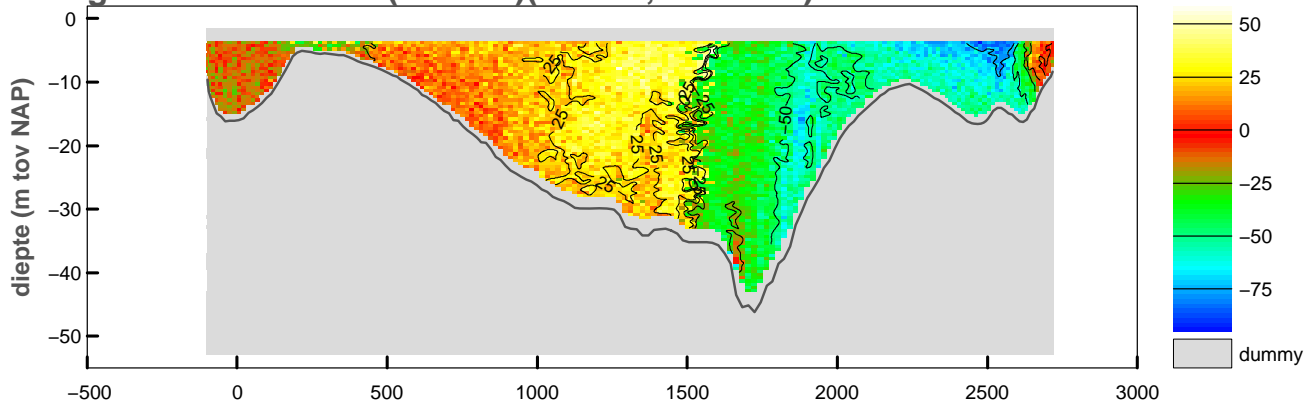


maximum gemiddelde stroom-  
 snelheid in de vertikaal

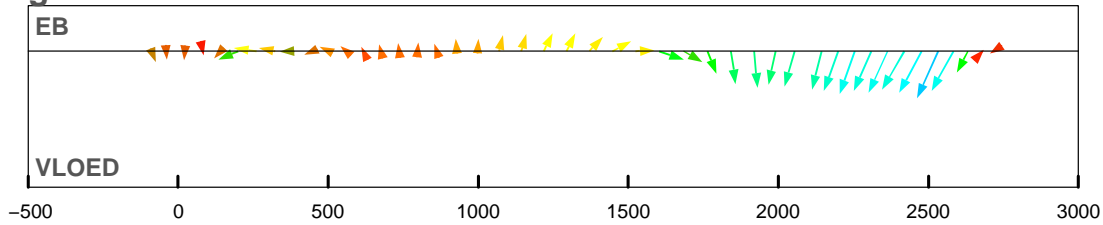
afstand uit nulpunt : 2533 m  
 stroomsnelheid : 72 cm/sec  
 stroomrichting : 117°

doorstroomoppervlak : -53020 m<sup>2</sup>  
 raaidebiet : -764 m<sup>3</sup>/sec

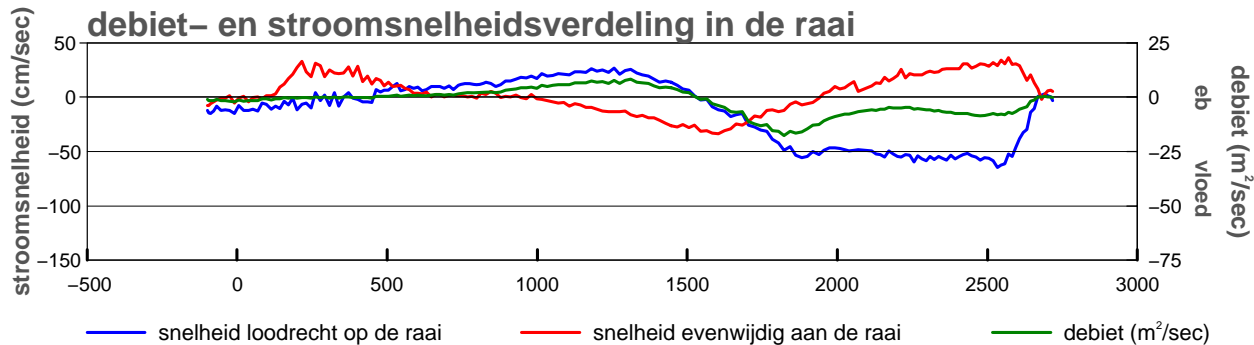
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



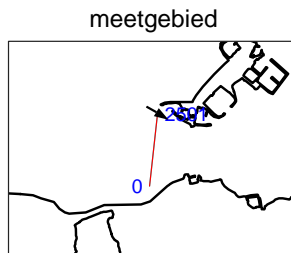
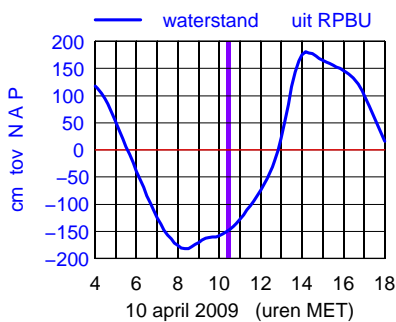
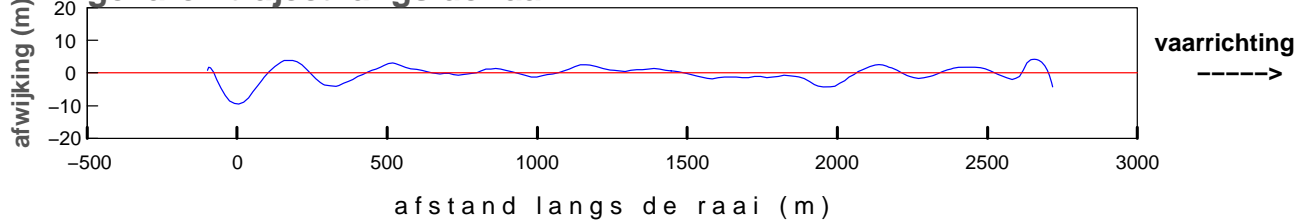
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

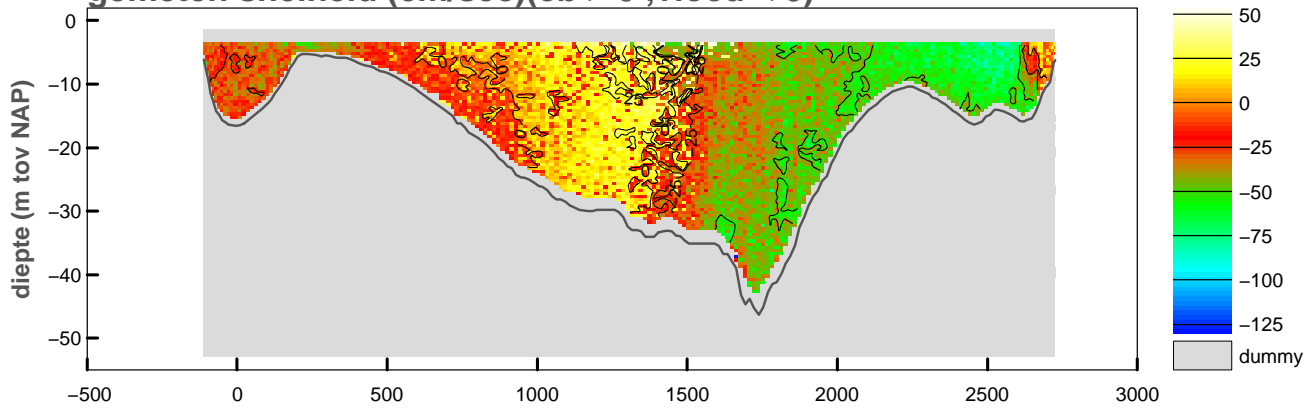


maximum gemiddelde stroom-  
 snelheid in de vertikaal

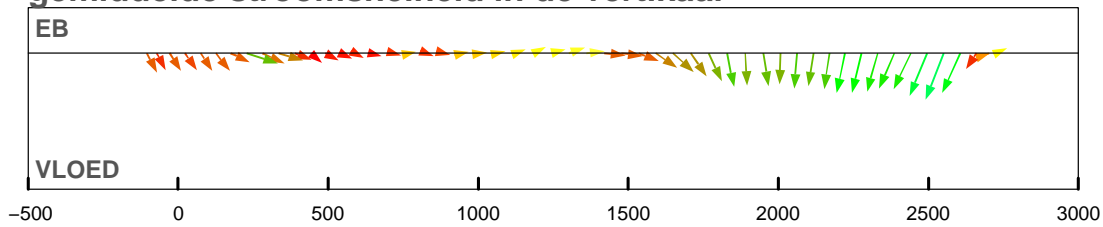
afstand uit nulpunt : 2532 m  
 stroomsnelheid : 71 cm/sec  
 stroomrichting : 120°

doorstroomoppervlak : -53272 m²  
 raaidebiet : -5409 m³/sec

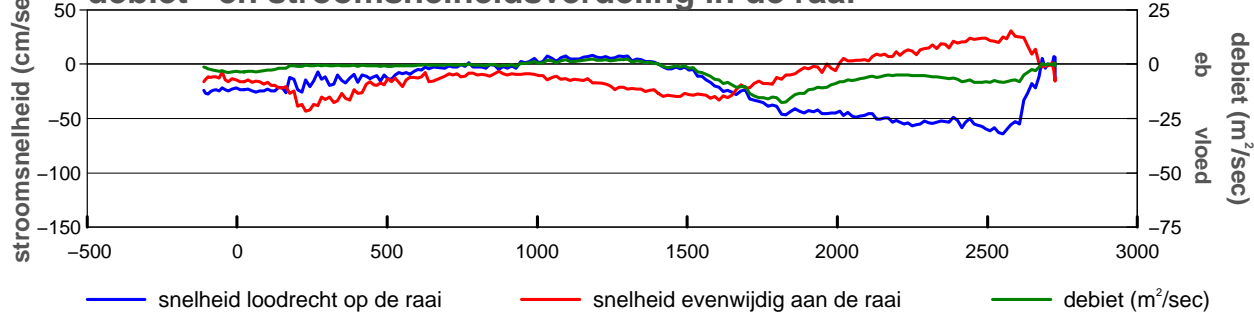
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



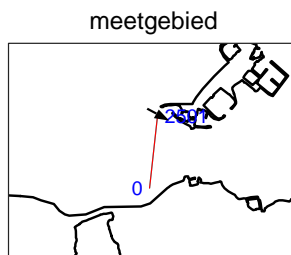
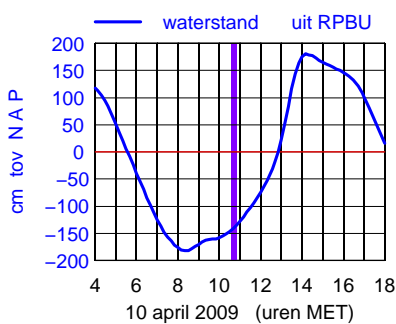
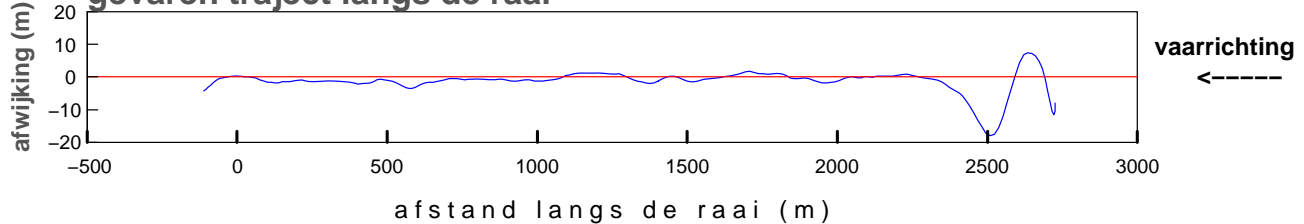
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



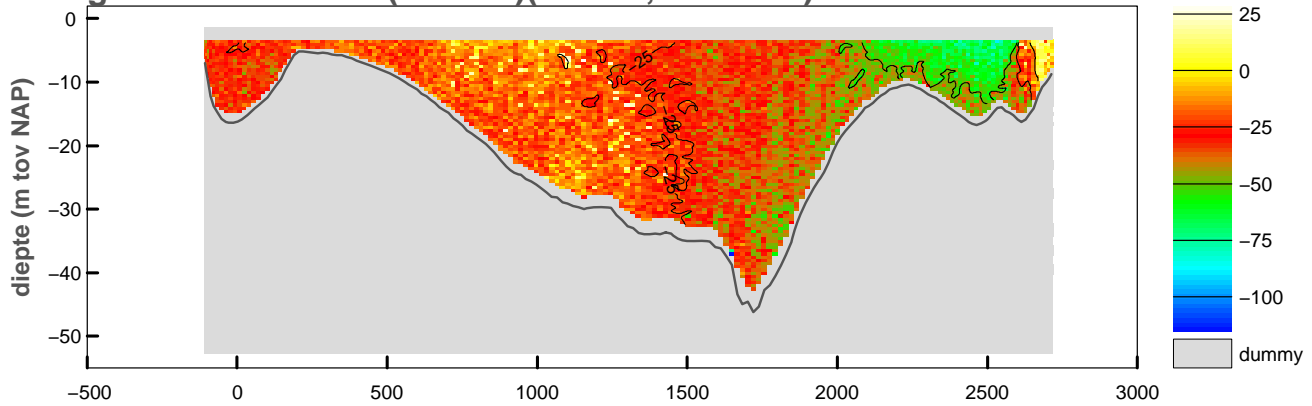
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 2551 m  
 stroomsnelheid : 69 cm/sec  
 stroomrichting : 118°

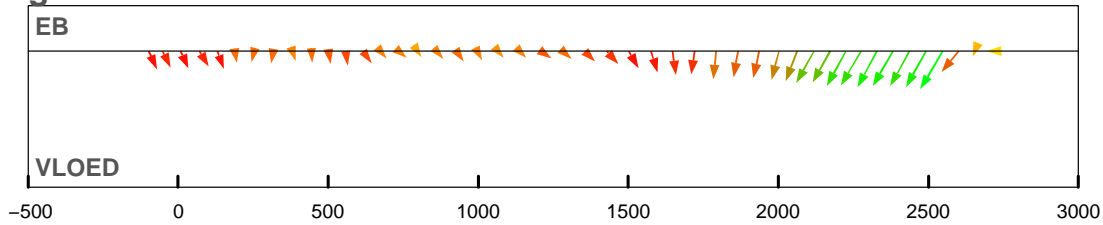
doorstroomoppervlak : -53614 m<sup>2</sup>  
 raaidebiet : -10358 m<sup>3</sup>/sec



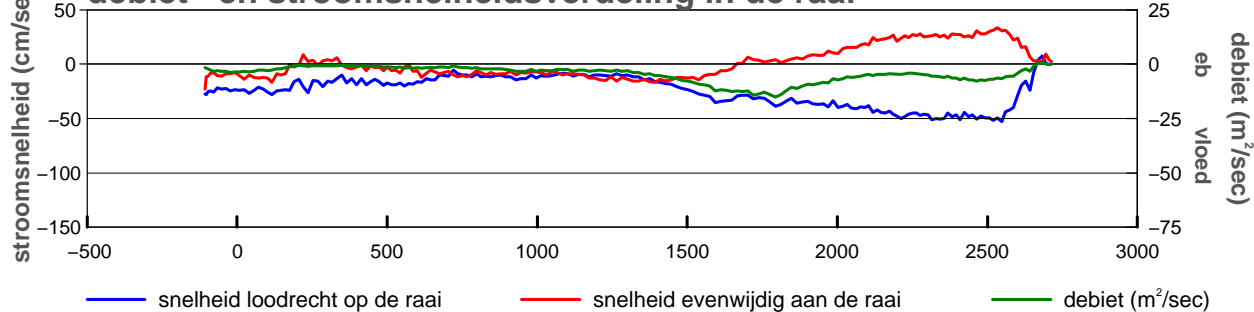
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



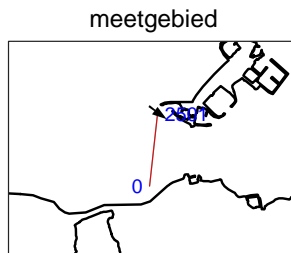
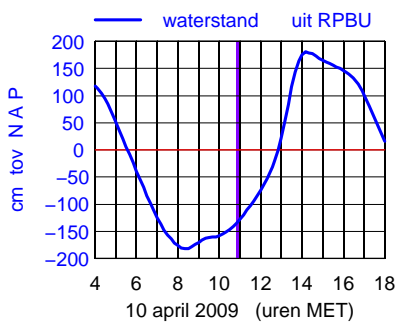
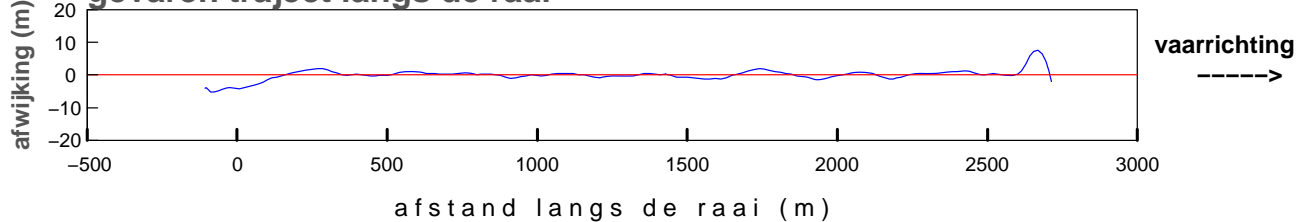
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

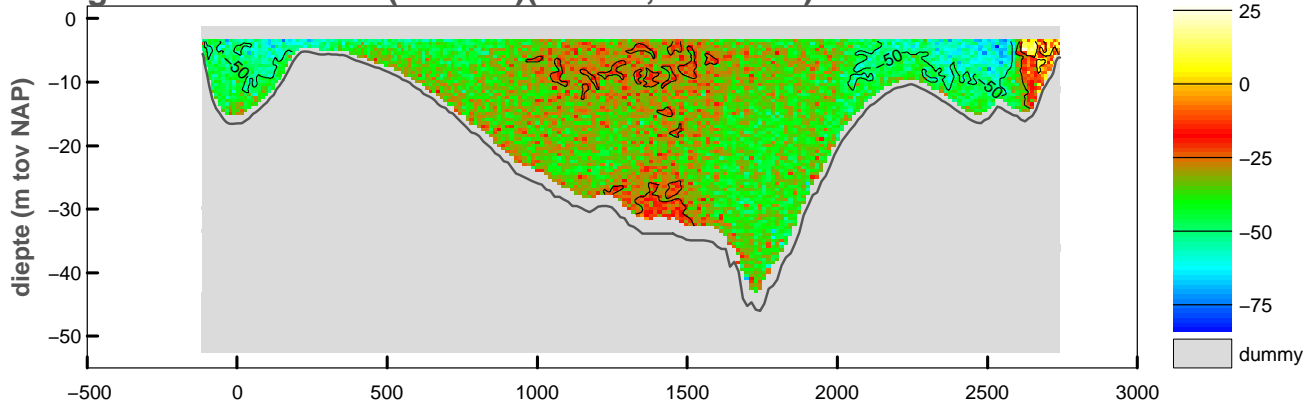


maximum gemiddelde stroom-  
 snelheid in de vertikaal

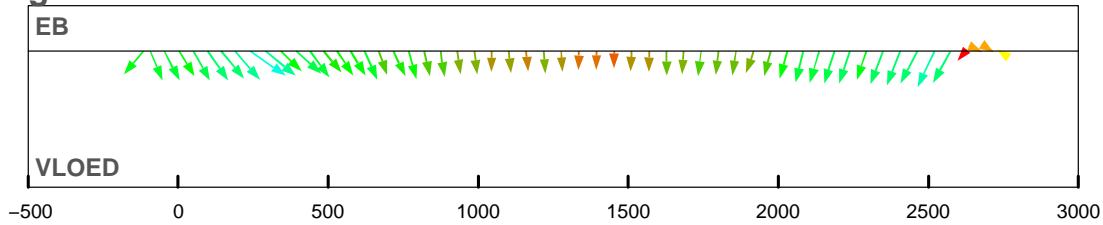
afstand uit nulpunt : 2547 m  
 stroomsnelheid : 61 cm/sec  
 stroomrichting : 127°

doorstroomoppervlak : -53847 m<sup>2</sup>  
 raaidebiet : -13068 m<sup>3</sup>/sec

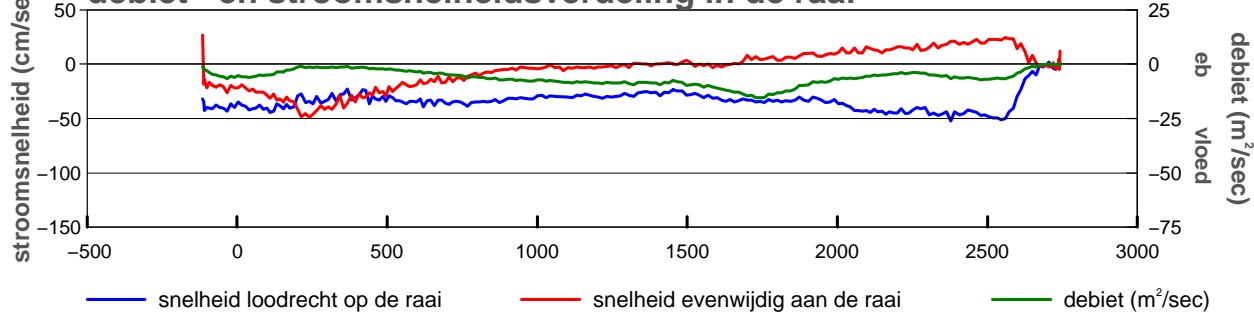
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



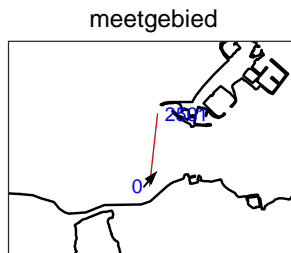
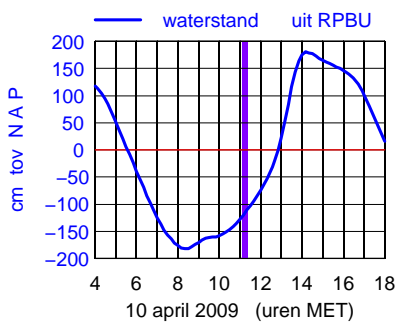
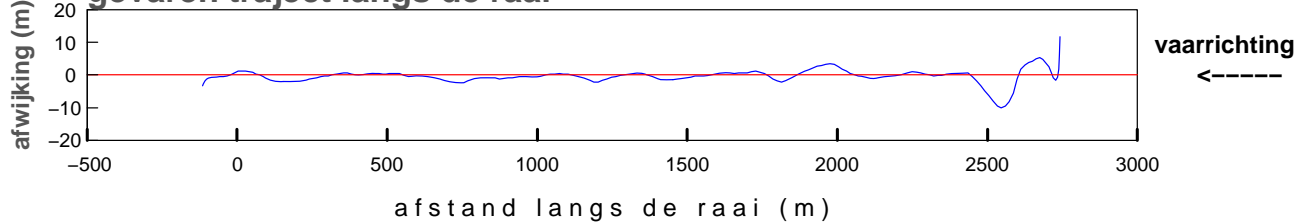
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

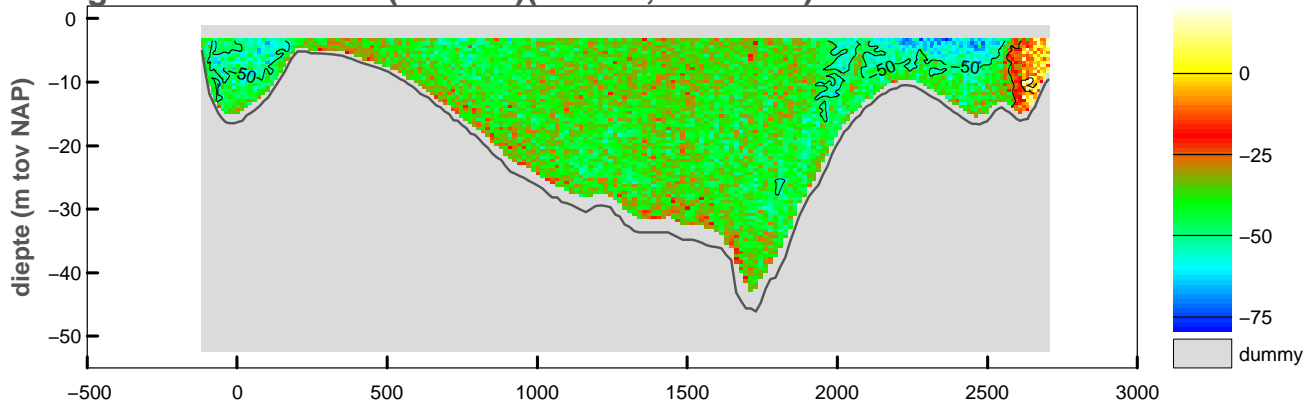


maximum gemiddelde stroom-  
 snelheid in de vertikaal

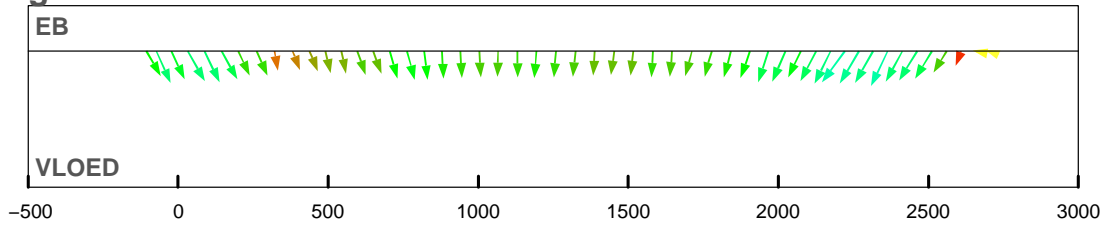
afstand uit nulpunt : 240 m  
 stroomsnelheid : 59 cm/sec  
 stroomrichting : 41°

doorstroomoppervlak : -54655 m<sup>2</sup>  
 raaidebiet : -17913 m<sup>3</sup>/sec

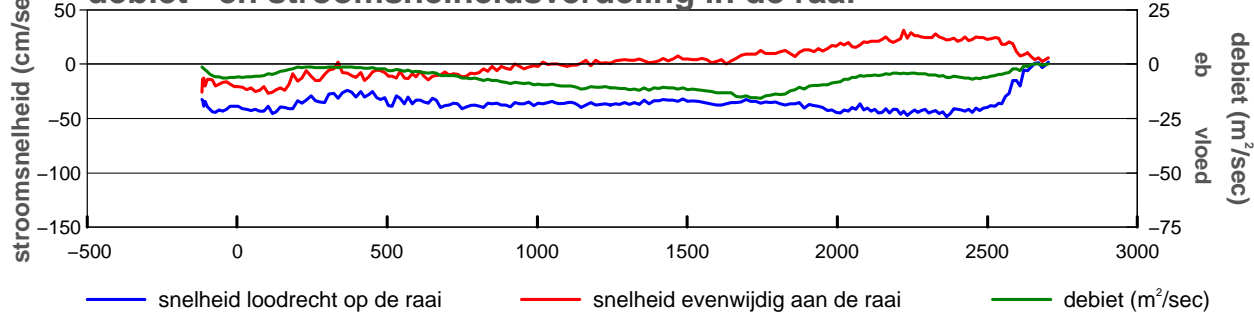
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



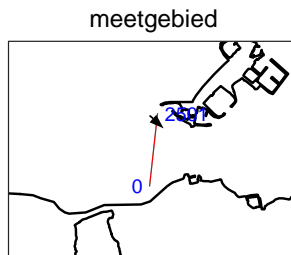
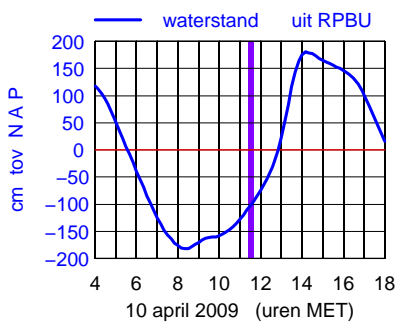
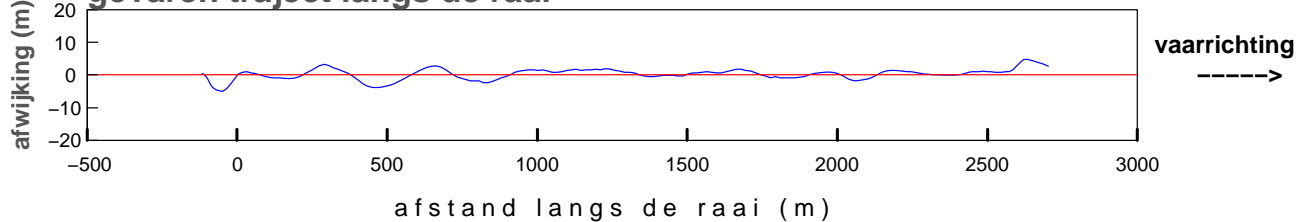
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

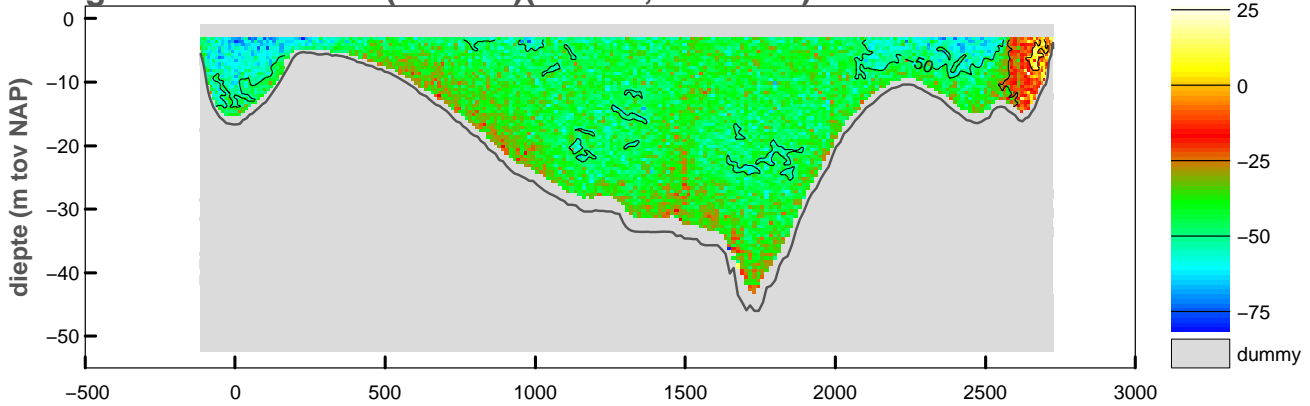


maximum gemiddelde stroom-  
 snelheid in de vertikaal

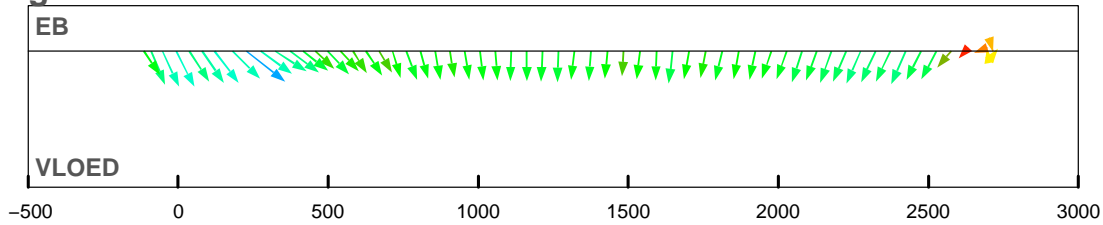
afstand uit nulpunt : 2222 m  
 stroomsnelheid : 53 cm/sec  
 stroomrichting : 132°

doorstroomoppervlak : -54720 m<sup>2</sup>  
 raaidebiet : -19717 m<sup>3</sup>/sec

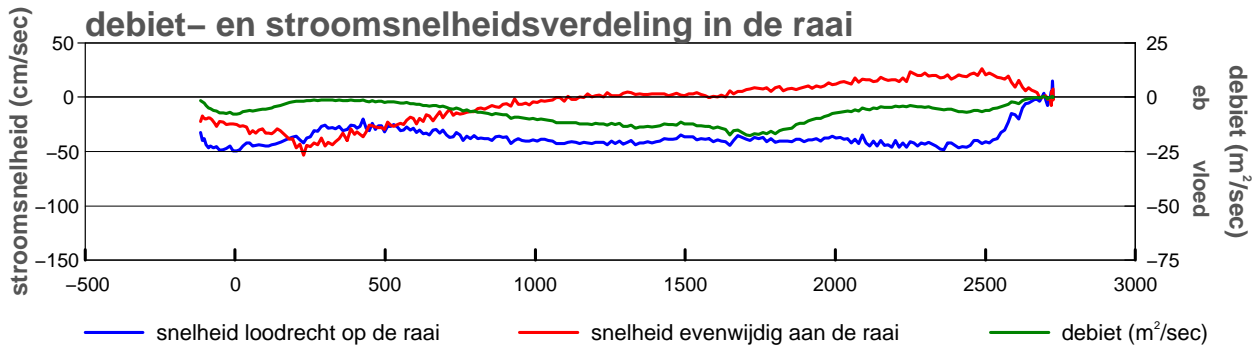
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



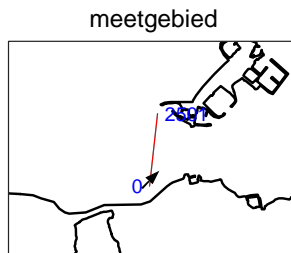
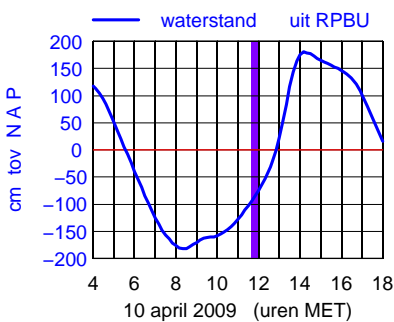
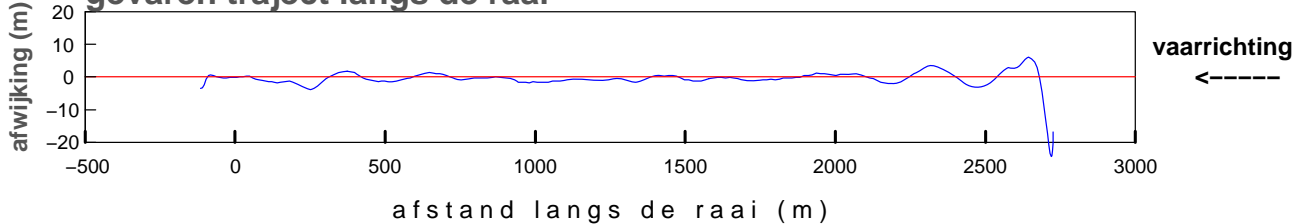
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

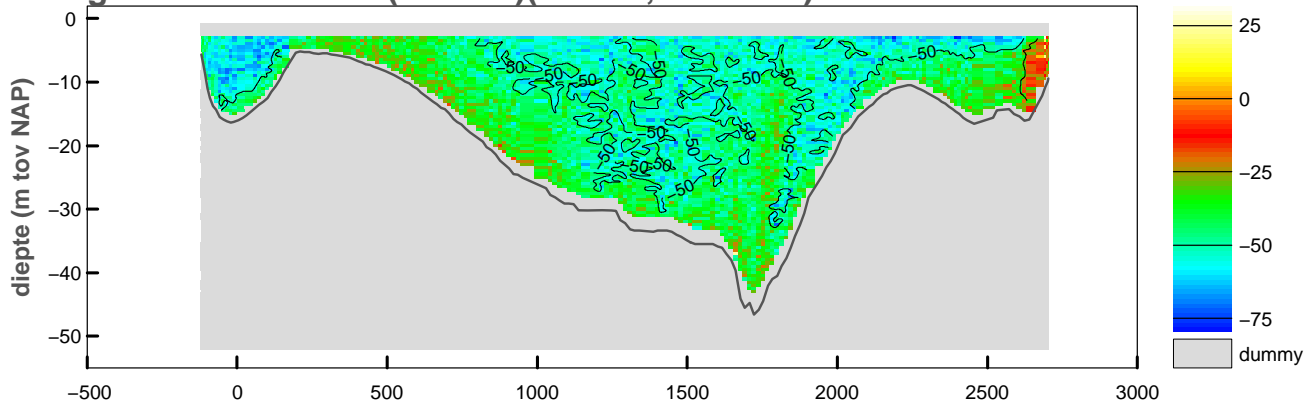


maximum gemiddelde stroom-  
 snelheid in de vertikaal

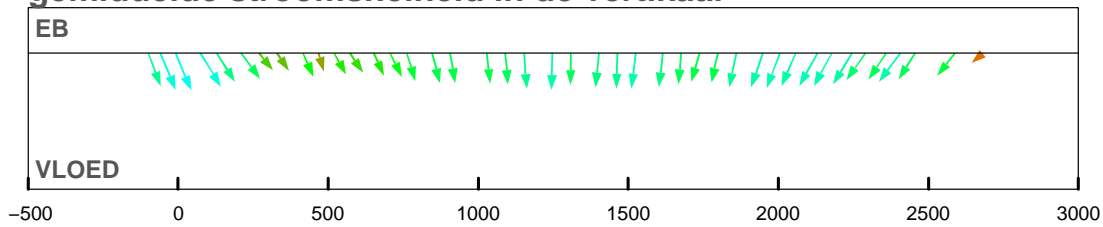
afstand uit nulpunt : 227 m  
 stroomsnelheid : 68 cm/sec  
 stroomrichting : 44°

doorstroomoppervlak : -55392 m<sup>2</sup>  
 raaidebiet : -21307 m<sup>3</sup>/sec

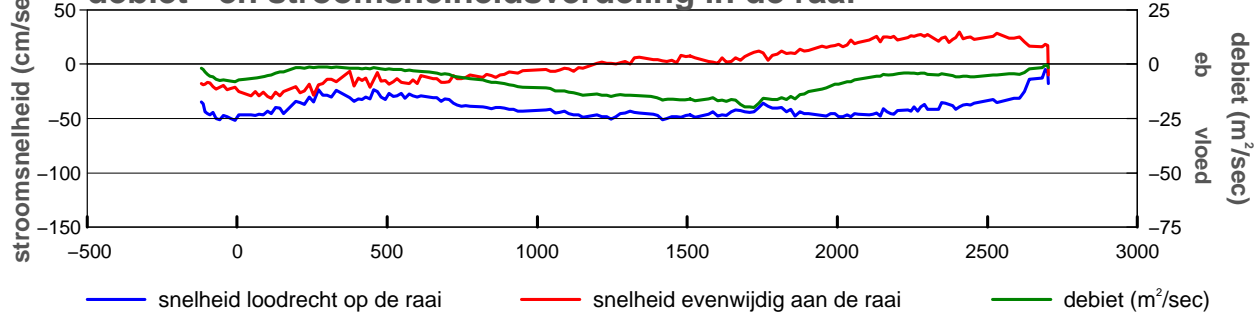
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



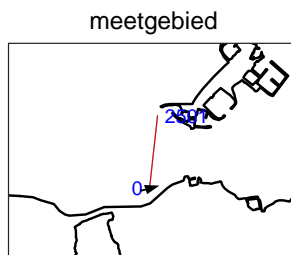
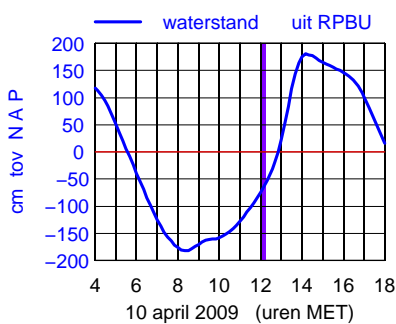
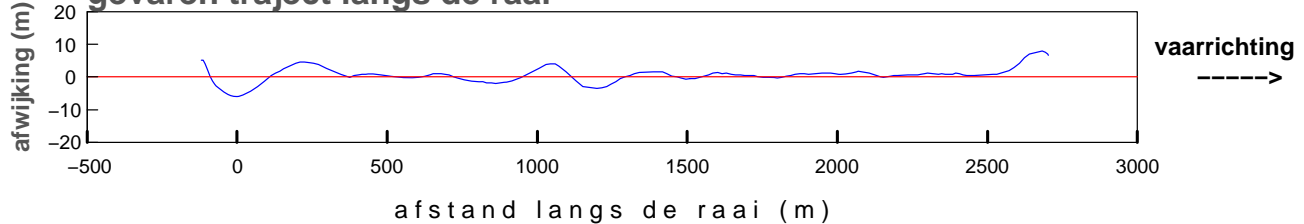
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

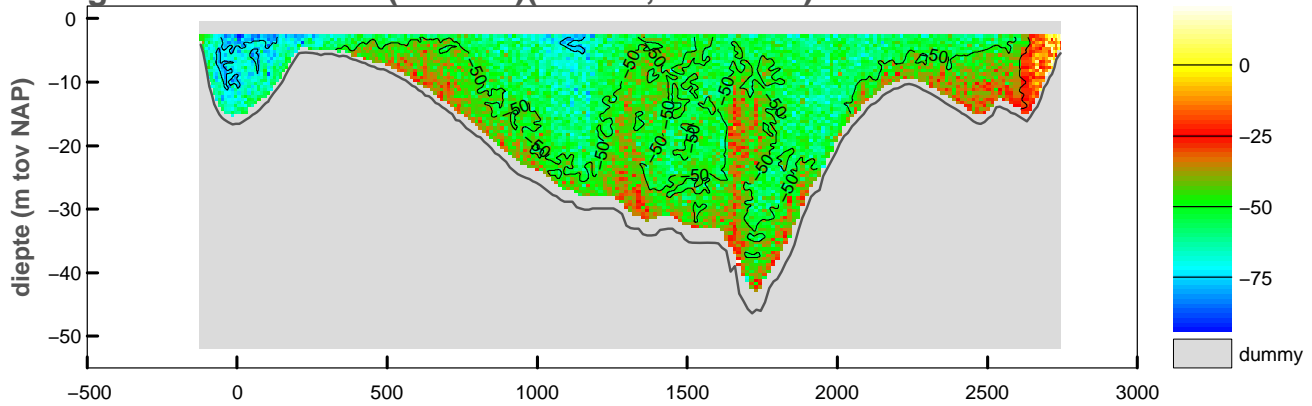


maximum gemiddelde stroom-  
 snelheid in de vertikaal

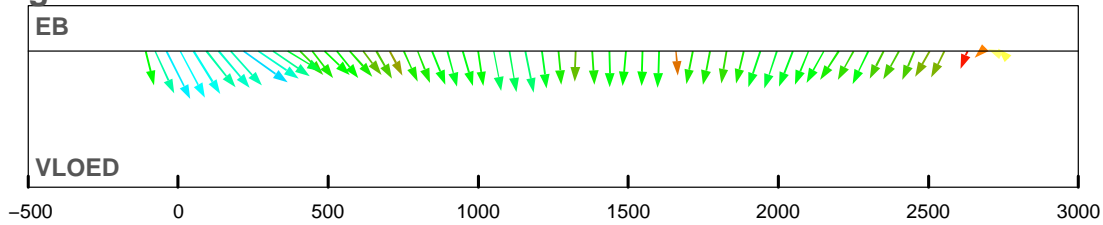
afstand uit nulpunt : -8 m  
 stroomsnelheid : 56 cm/sec  
 stroomrichting : 74°

doorstroomoppervlak : -55778 m<sup>2</sup>  
 raaidebiet : -23555 m<sup>3</sup>/sec

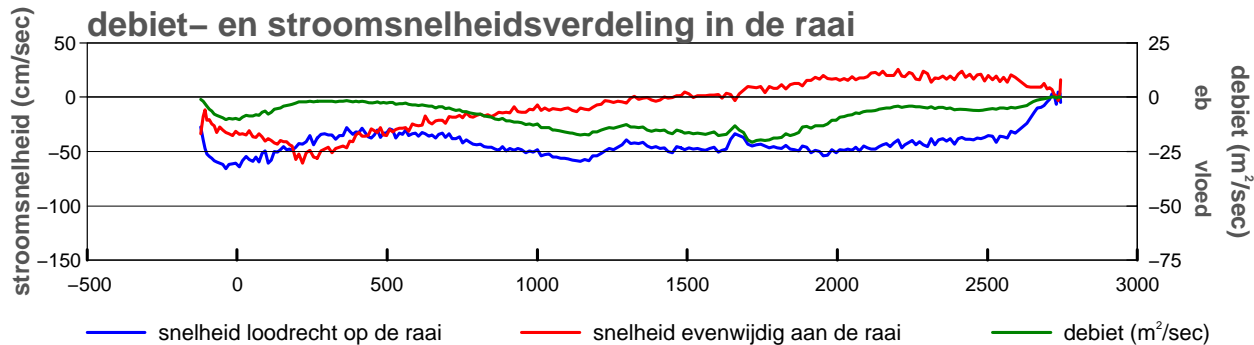
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



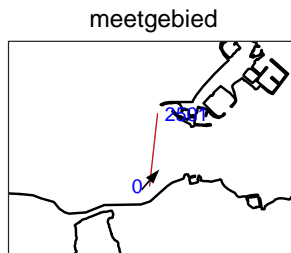
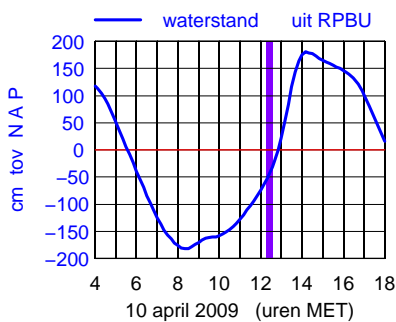
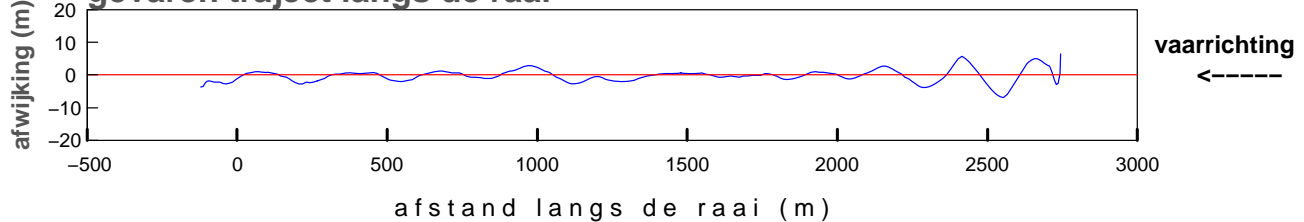
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

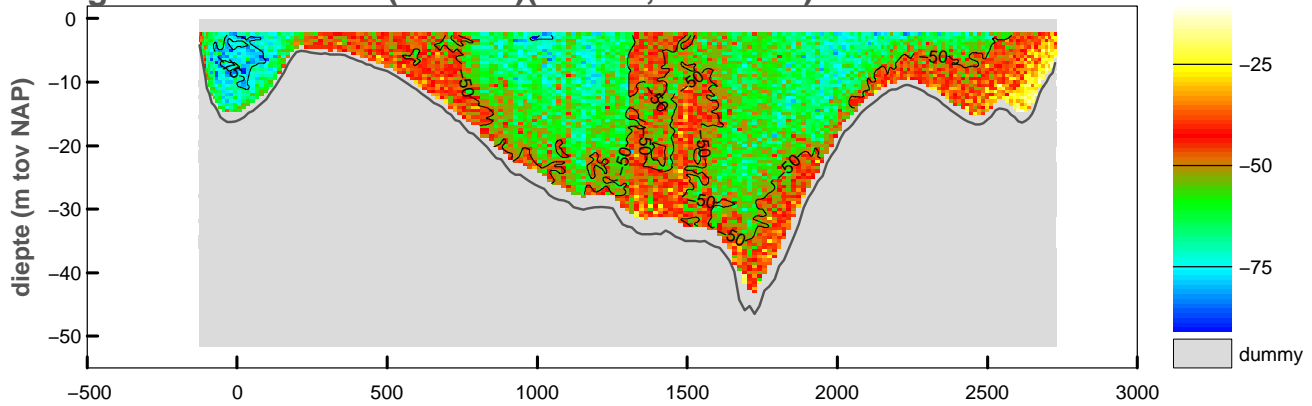


maximum gemiddelde stroom-  
 snelheid in de vertikaal

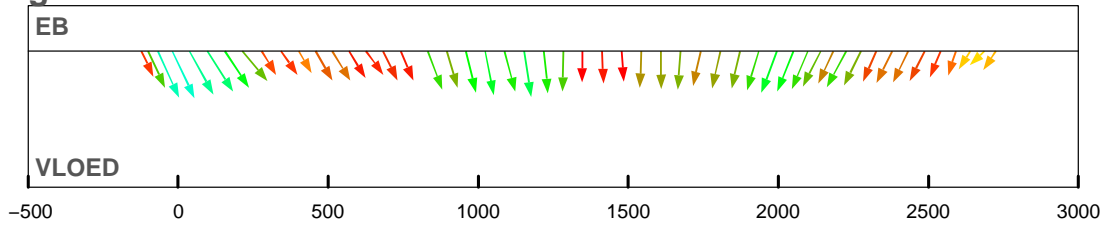
afstand uit nulpunt : 218 m  
 stroomsnelheid : 74 cm/sec  
 stroomrichting : 42°

doorstroomoppervlak : -56751 m<sup>2</sup>  
 raaidebiet : -25650 m<sup>3</sup>/sec

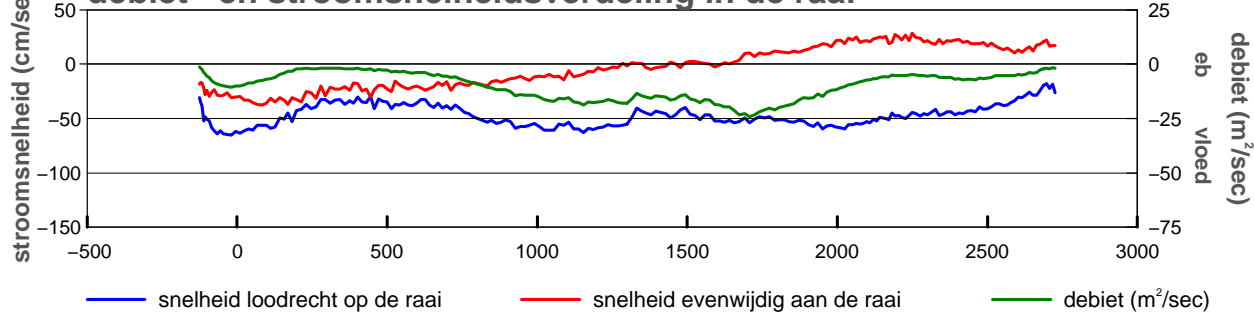
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



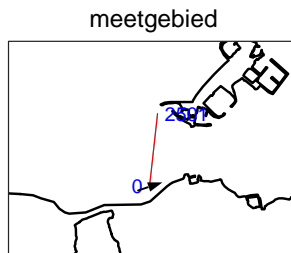
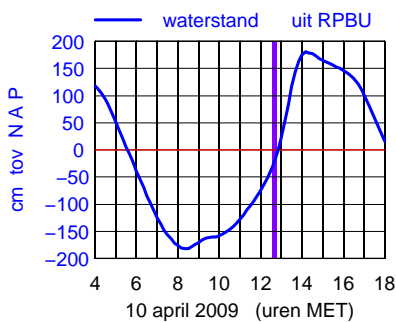
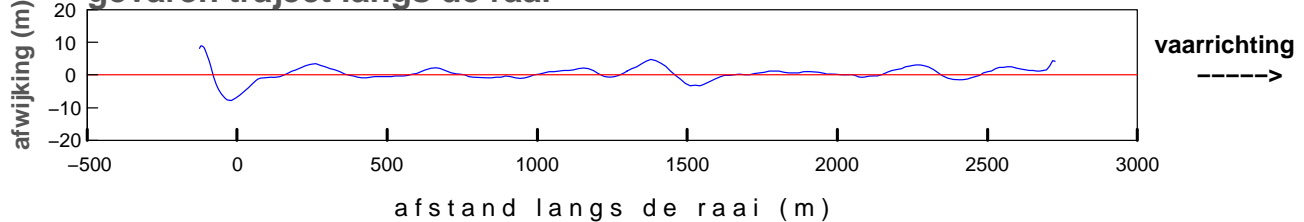
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

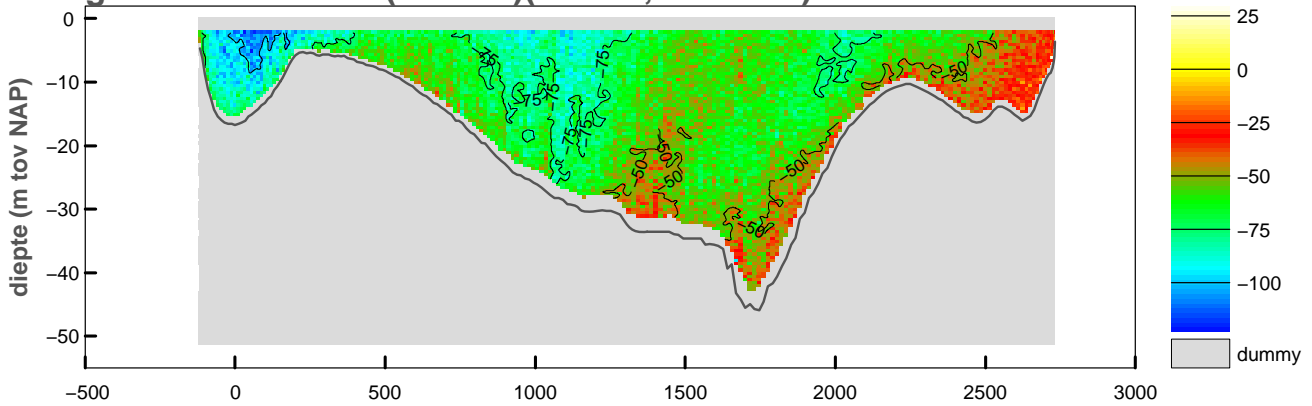


maximum gemiddelde stroom-  
 snelheid in de vertikaal

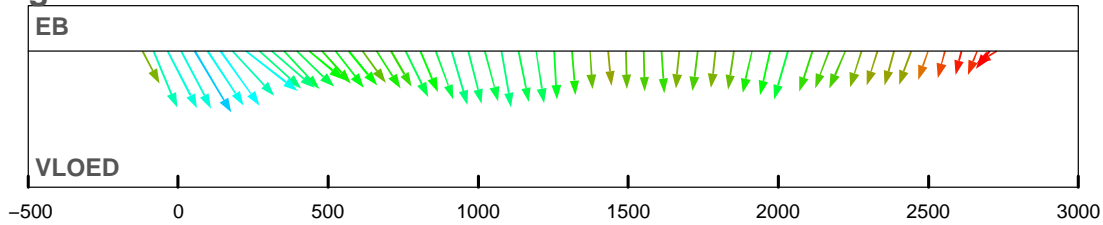
afstand uit nulpunt : -20 m  
 stroomsnelheid : 72 cm/sec  
 stroomrichting : 71°

doorstroomoppervlak : -57343 m<sup>2</sup>  
 raaidebiet : -28476 m<sup>3</sup>/sec

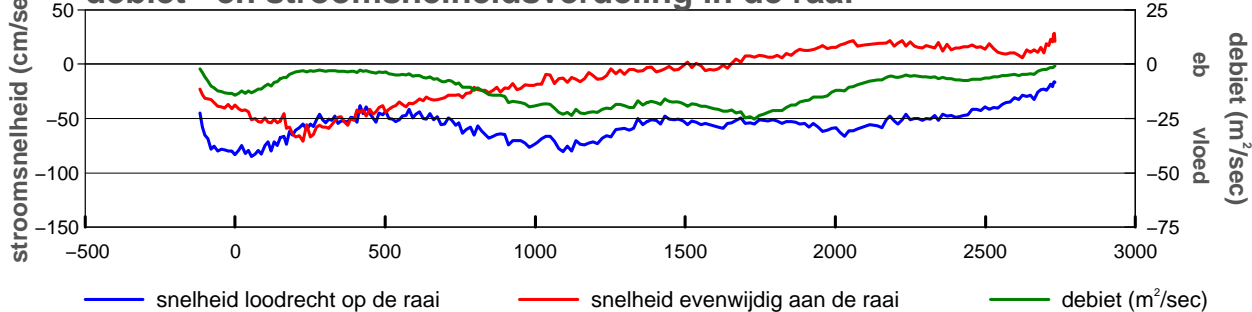
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



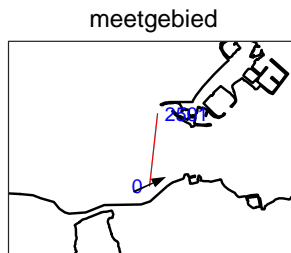
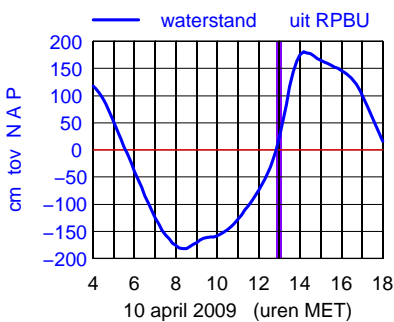
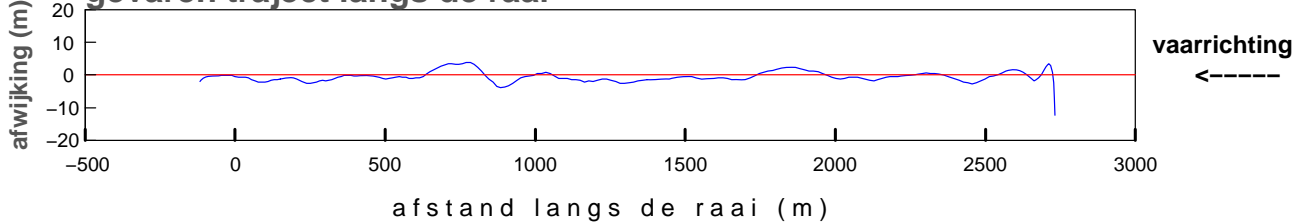
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



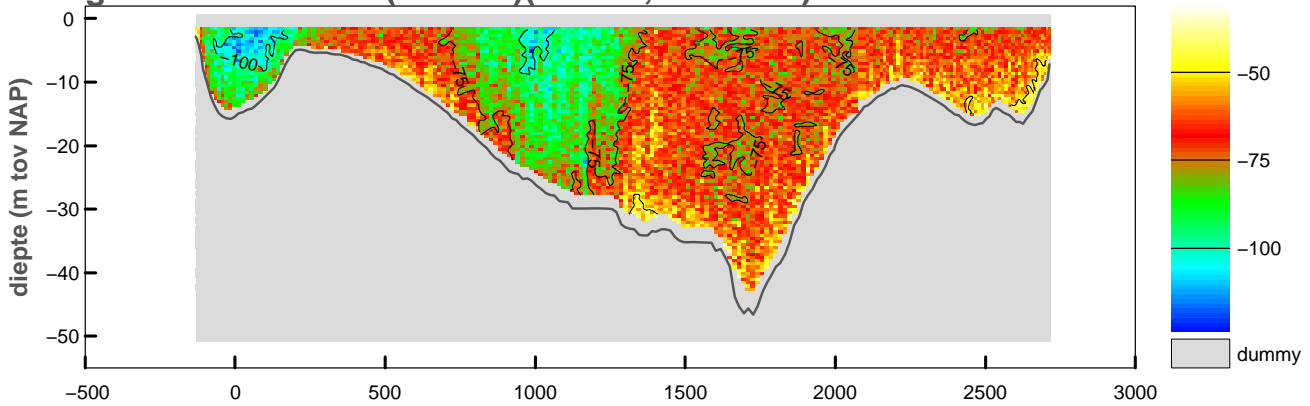
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 55 m  
 stroomsnelheid : 99 cm/sec  
 stroomrichting : 65°

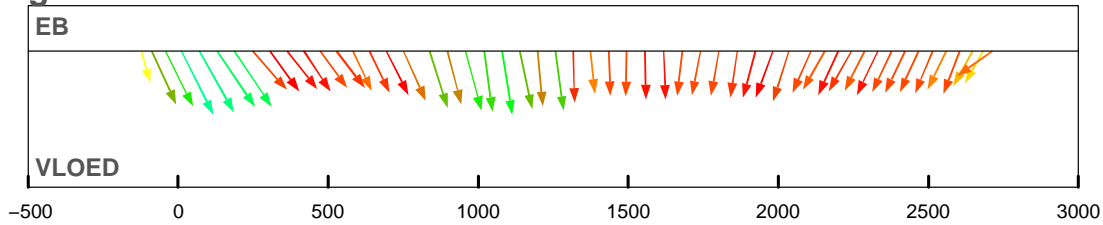
doorstroomoppervlak : -58482 m²  
 raaidebiet : -33652 m³/sec



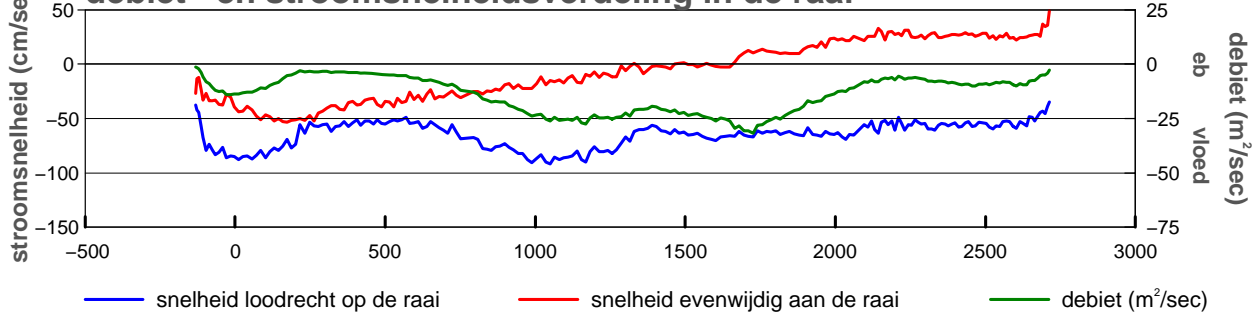
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



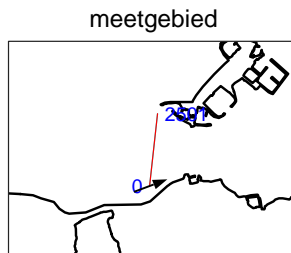
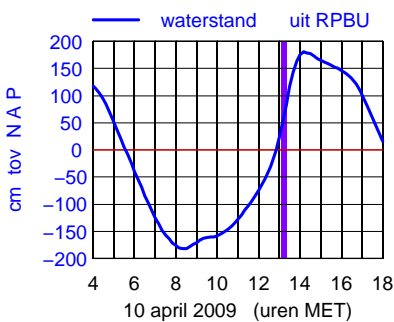
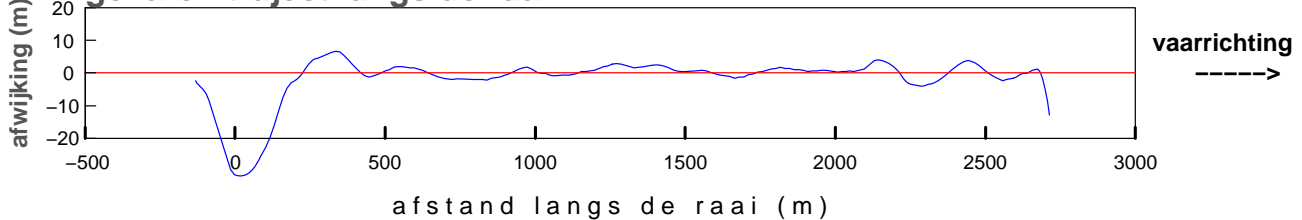
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

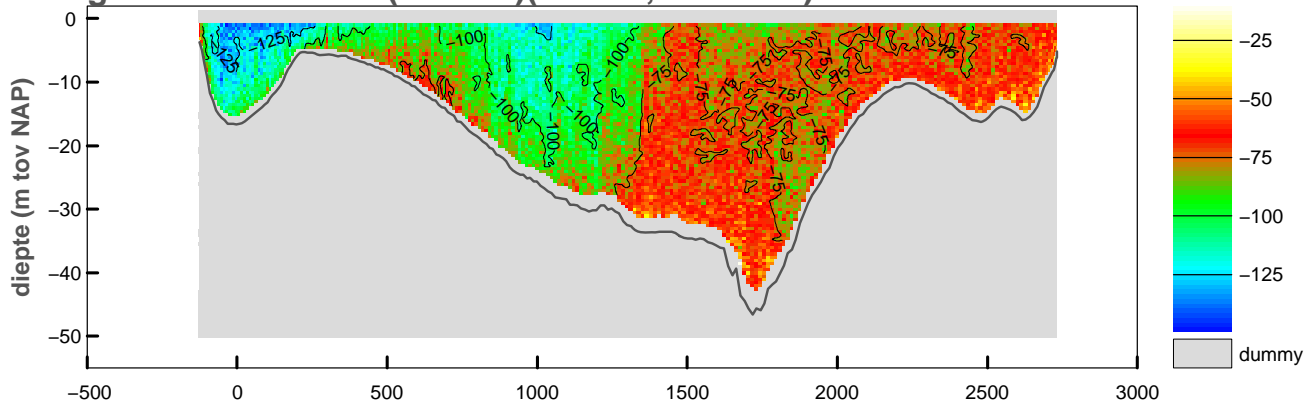


maximum gemiddelde stroom-  
 snelheid in de vertikaal

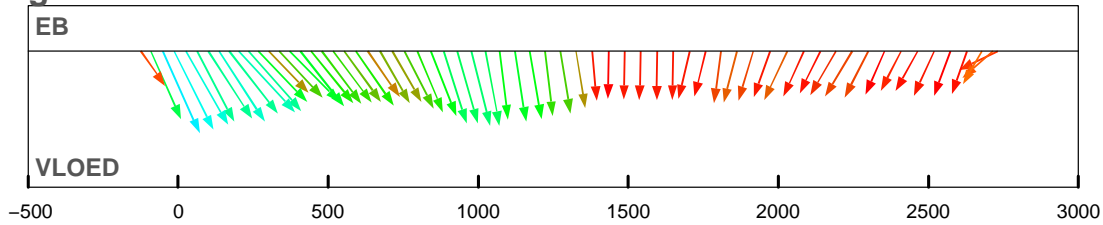
afstand uit nulpunt : 11 m  
 stroomsnelheid : 98 cm/sec  
 stroomrichting : 70°

doorstroomoppervlak : -59522 m²  
 raaidebiet : -39982 m³/sec

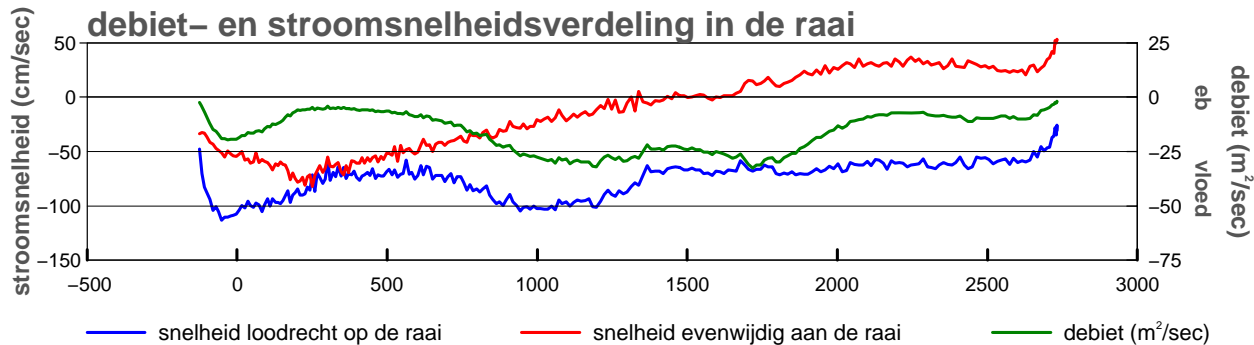
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



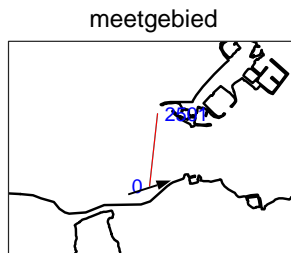
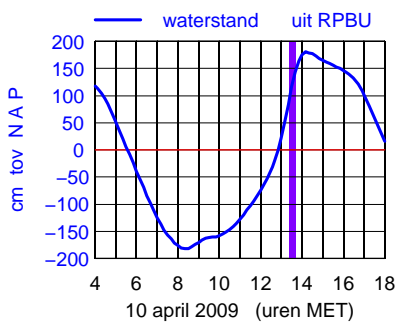
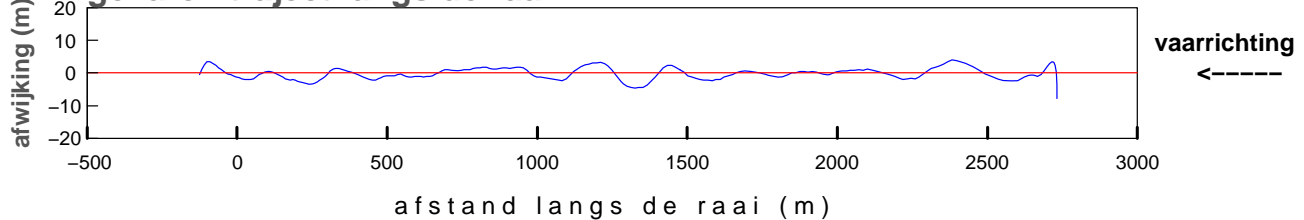
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

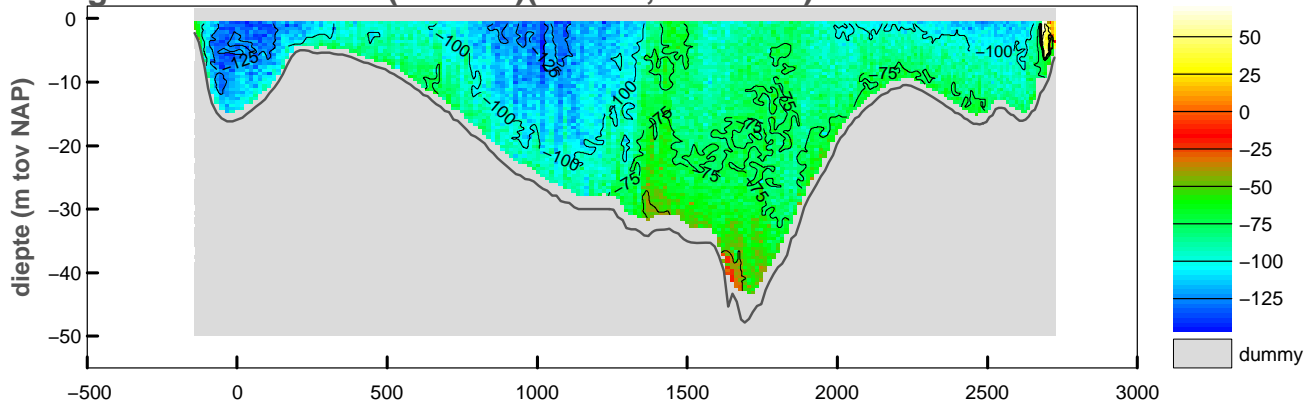


maximum gemiddelde stroom-  
 snelheid in de vertikaal

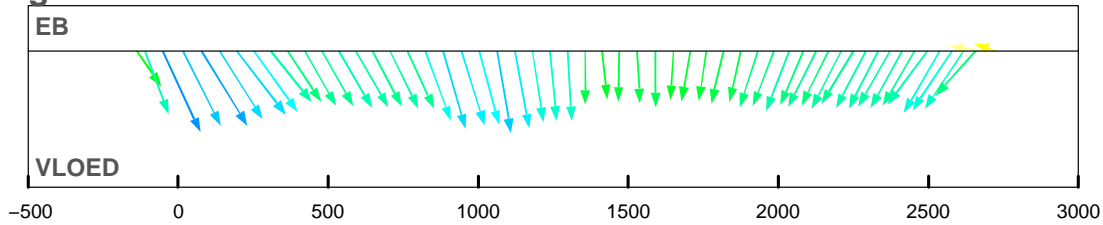
afstand uit nulpunt : -51 m  
 stroomsnelheid : 124 cm/sec  
 stroomrichting : 72°

doorstroomoppervlak : -61403 m<sup>2</sup>  
 raaidebiet : -46525 m<sup>3</sup>/sec

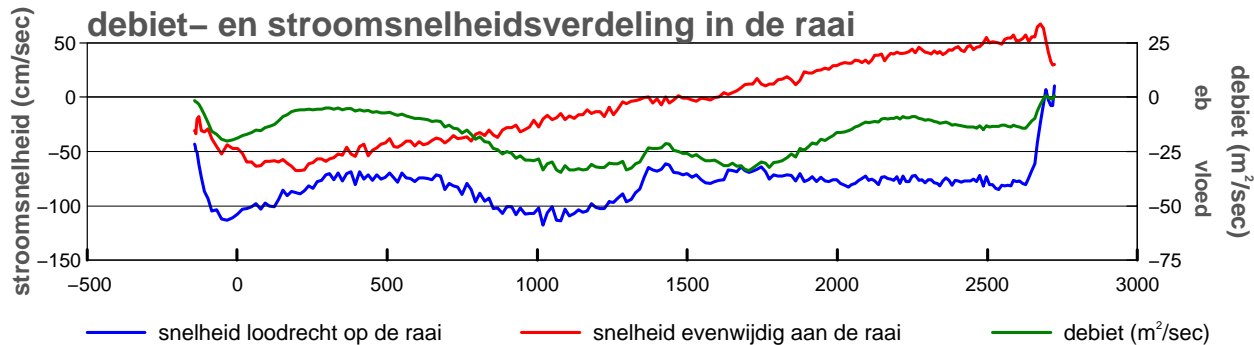
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



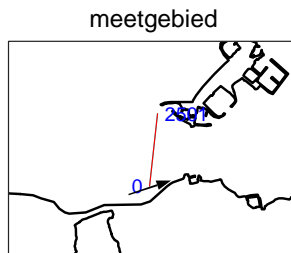
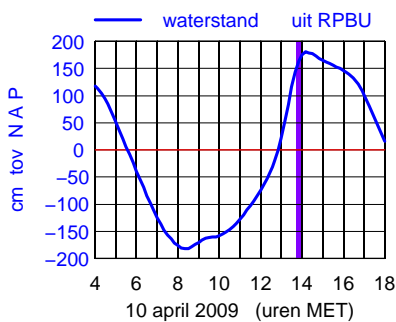
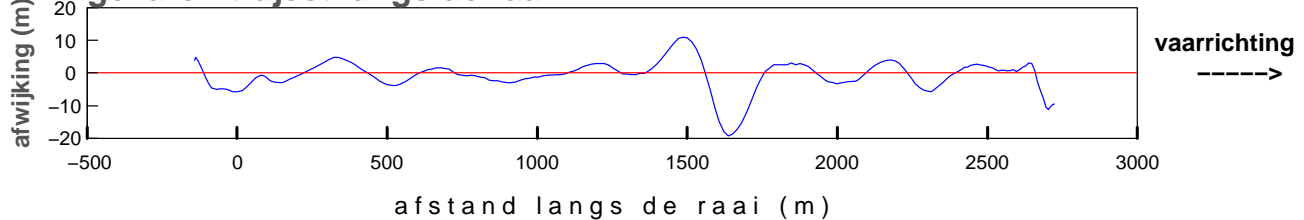
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

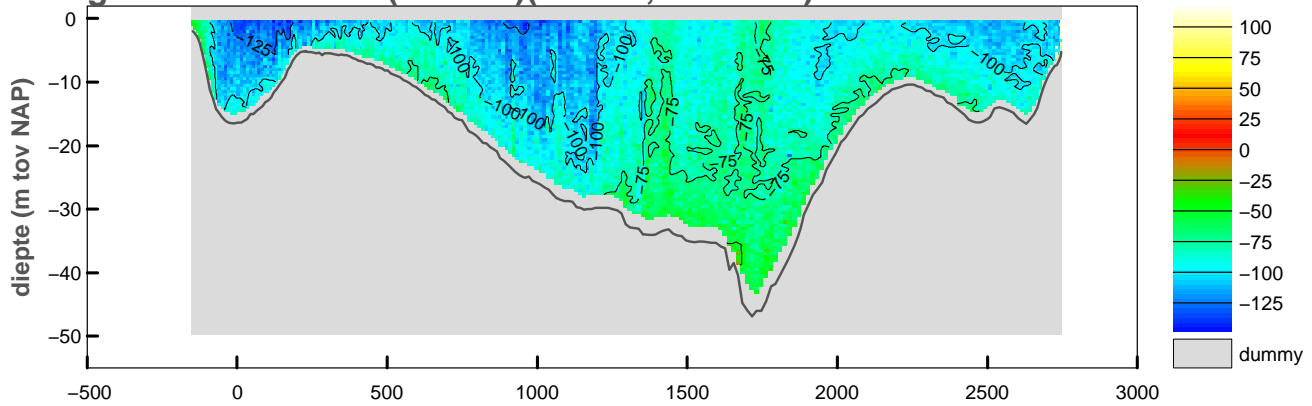


maximum gemiddelde stroom-  
 snelheid in de vertikaal

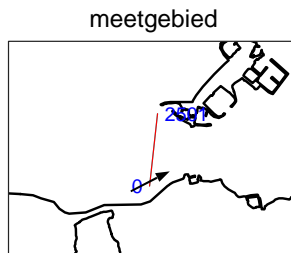
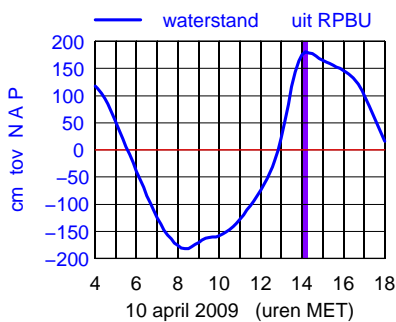
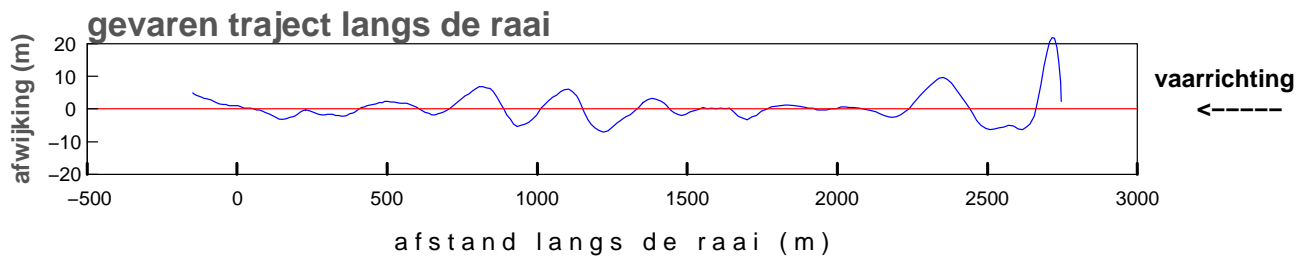
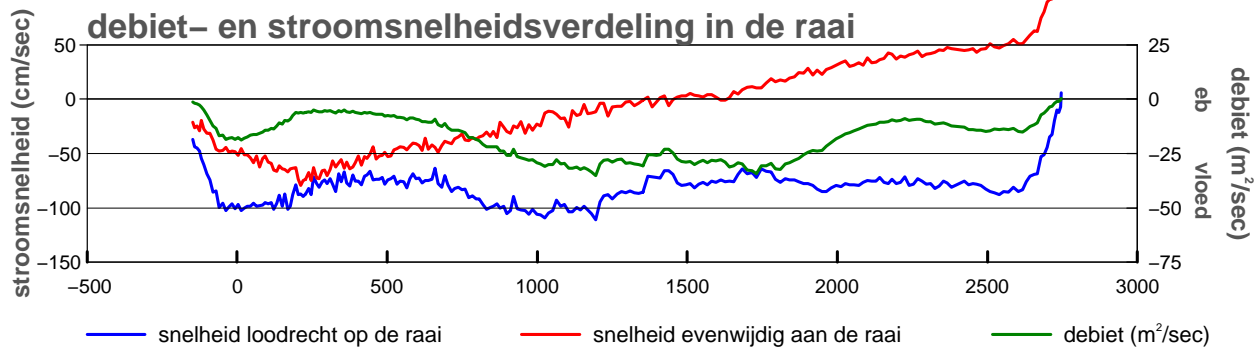
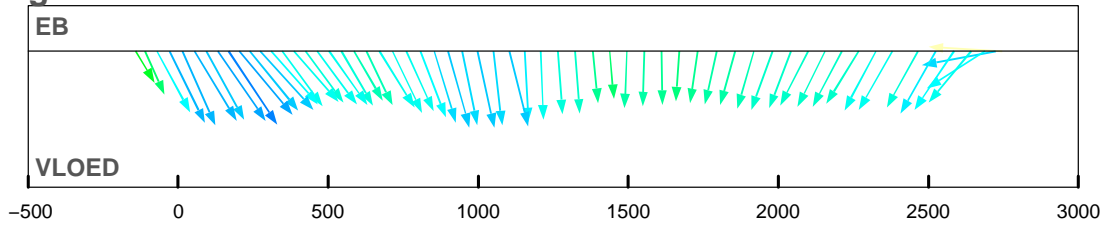
afstand uit nulpunt : -51 m  
 stroomsnelheid : 123 cm/sec  
 stroomrichting : 71°

doorstroomoppervlak : -62803 m<sup>2</sup>  
 raaidebiet : -51493 m<sup>3</sup>/sec

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



**gemiddelde stroomsnelheid in de vertikaal**

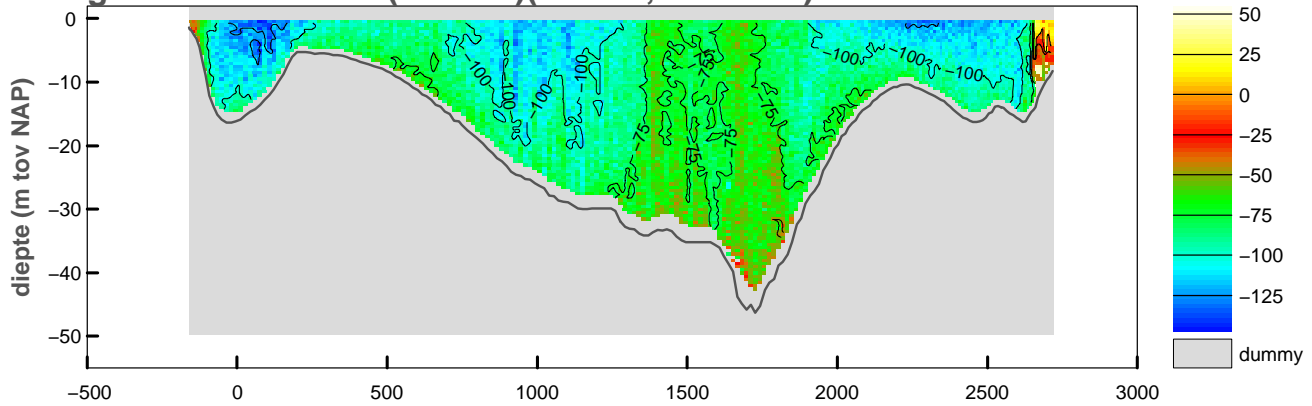


maximum gemiddelde stroom-  
 snelheid in de vertikaal

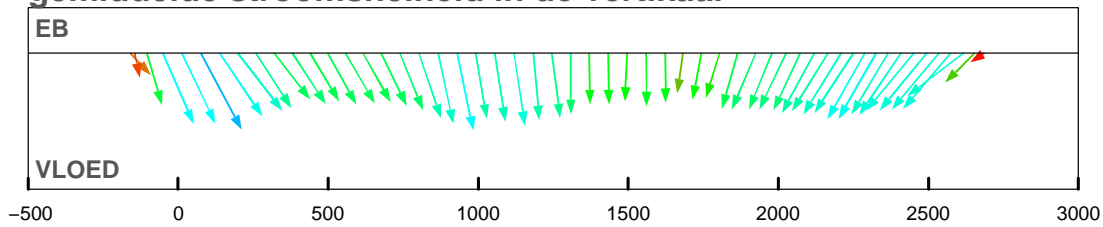
afstand uit nulpunt : 168 m  
 stroomsnelheid : 122 cm/sec  
 stroomrichting : 63°

doorstroomoppervlak : -63284 m²  
 raaidebiet : -51840 m³/sec

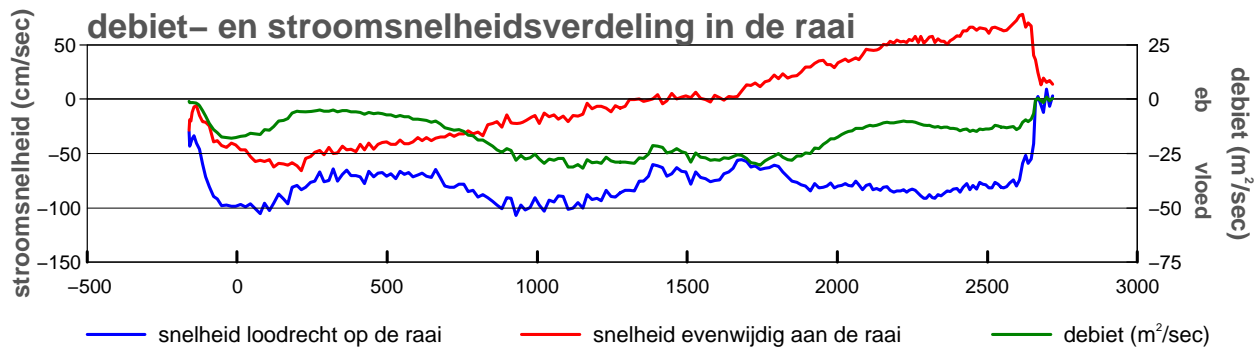
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



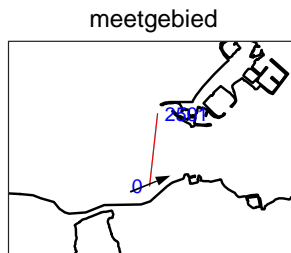
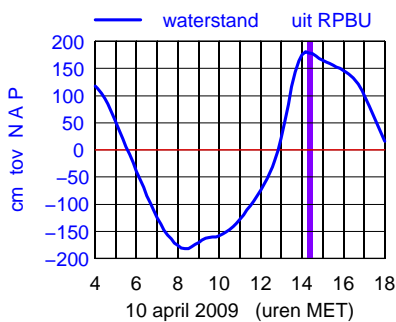
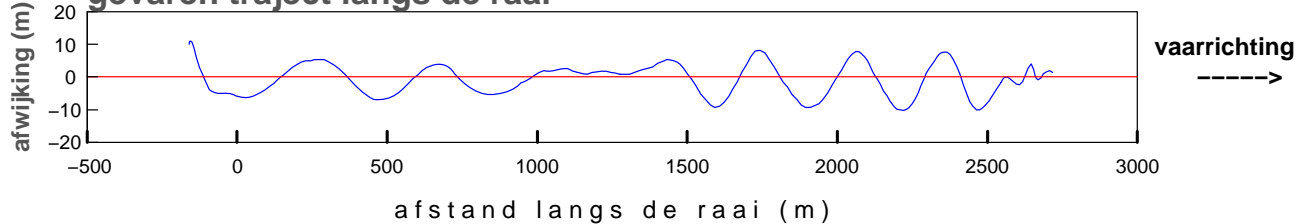
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

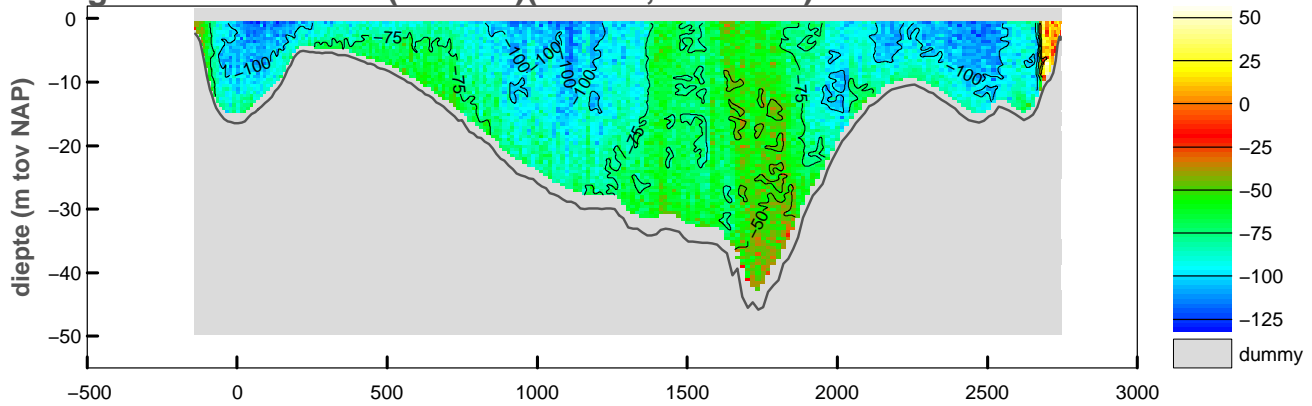


maximum gemiddelde stroom-  
 snelheid in de vertikaal

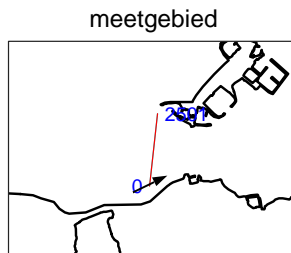
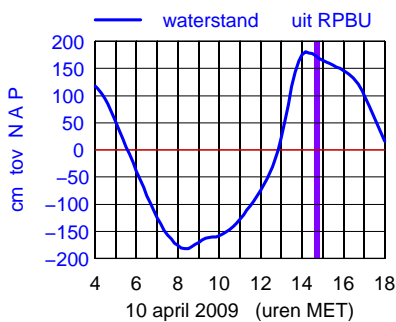
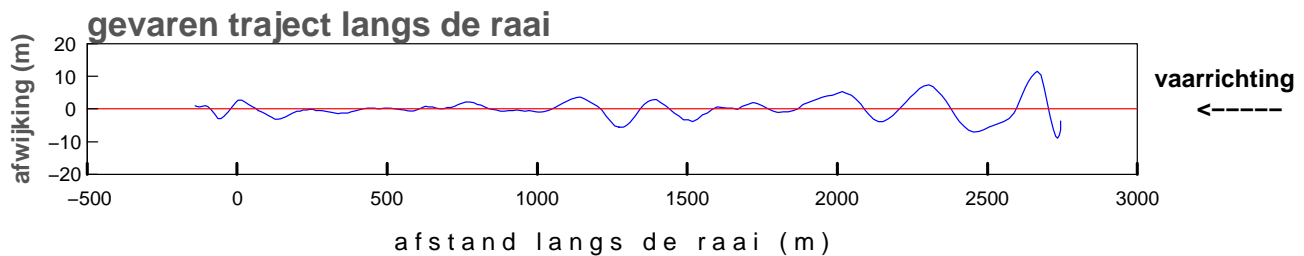
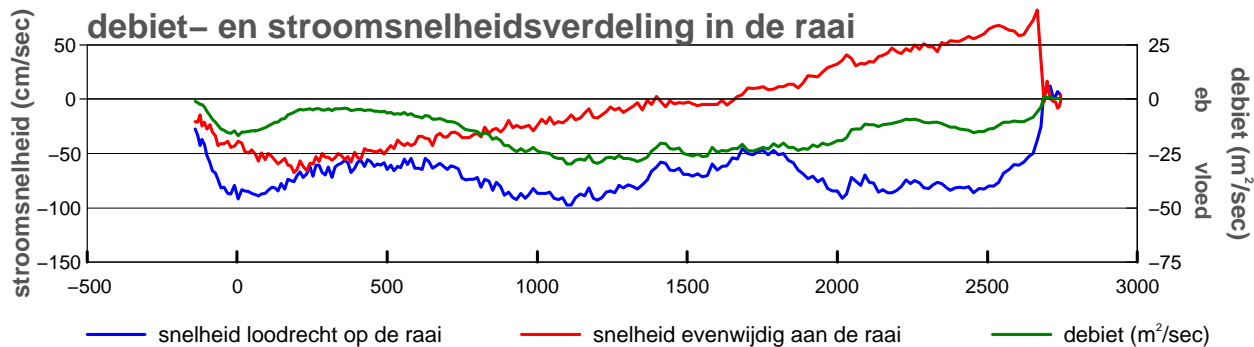
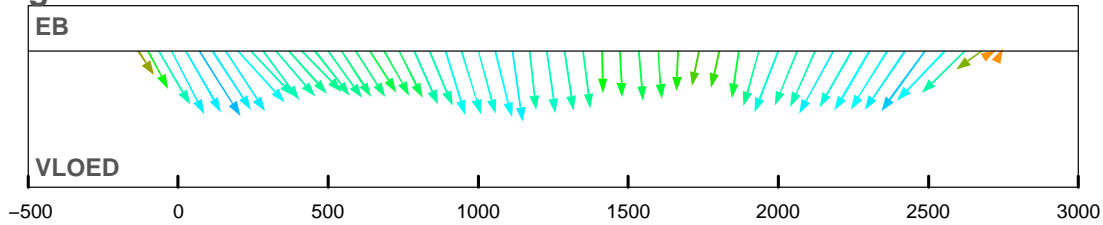
afstand uit nulpunt : 76 m  
 stroomsnelheid : 119 cm/sec  
 stroomrichting : 68°

doorstroomoppervlak : -62938 m²  
 raaidebiet : -49113 m³/sec

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



**gemiddelde stroomsnelheid in de vertikaal**

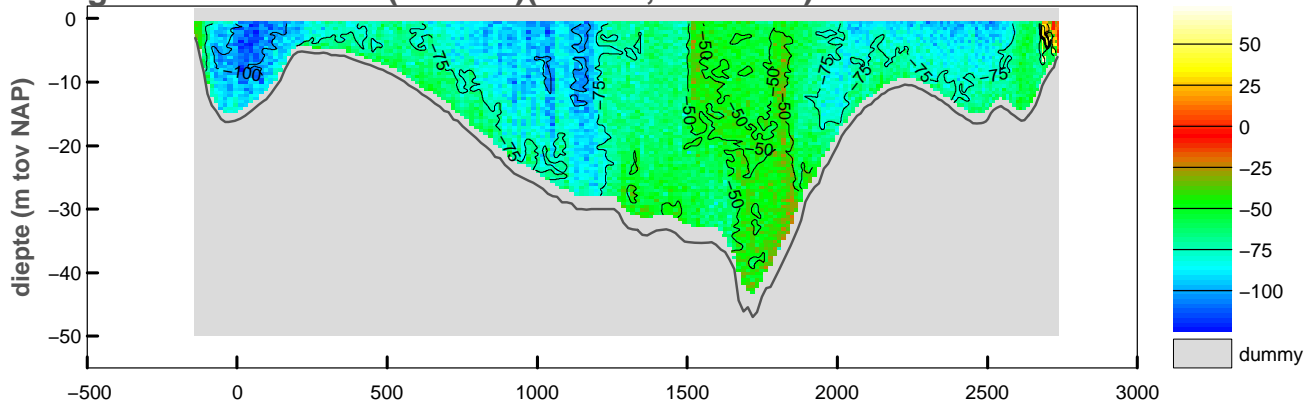


maximum gemiddelde stroom-  
snelheid in de vertikaal

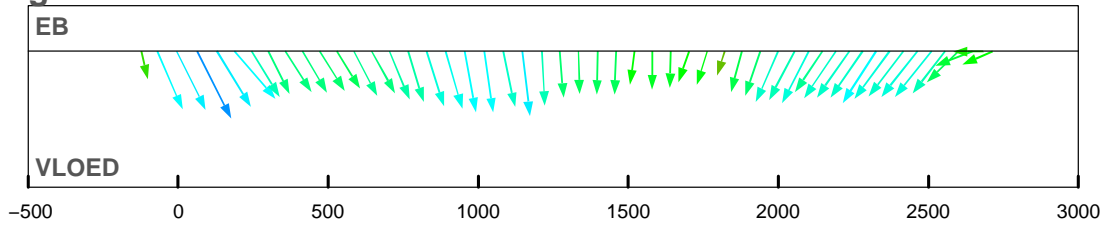
afstand uit nulpunt : 71 m  
 stroomsnelheid : 106 cm/sec  
 stroomrichting : 64°

doorstroomoppervlak : -62858 m<sup>2</sup>  
 raaidebiet : -44570 m<sup>3</sup>/sec

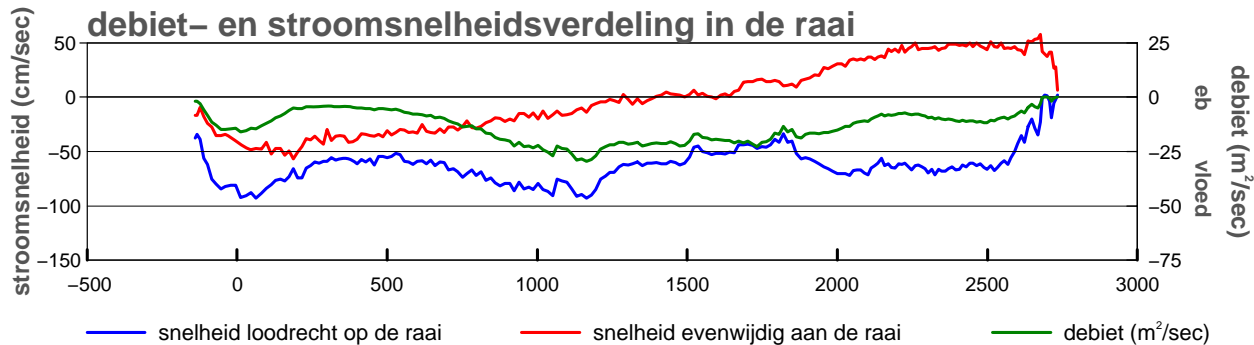
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



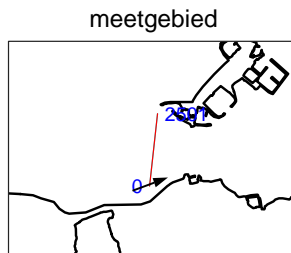
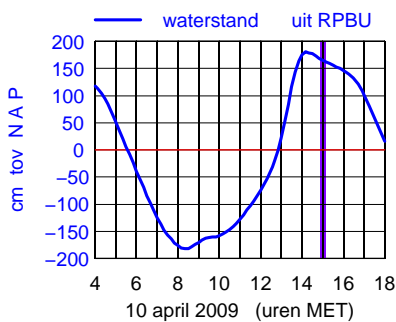
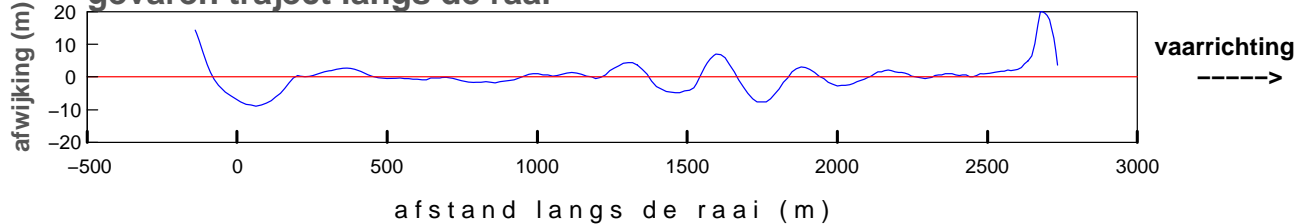
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

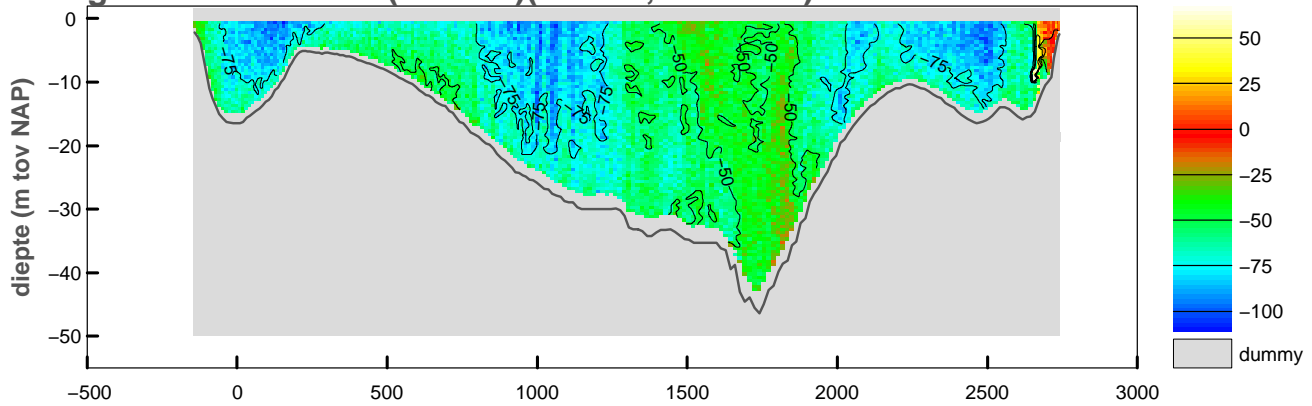


maximum gemiddelde stroom-  
 snelheid in de vertikaal

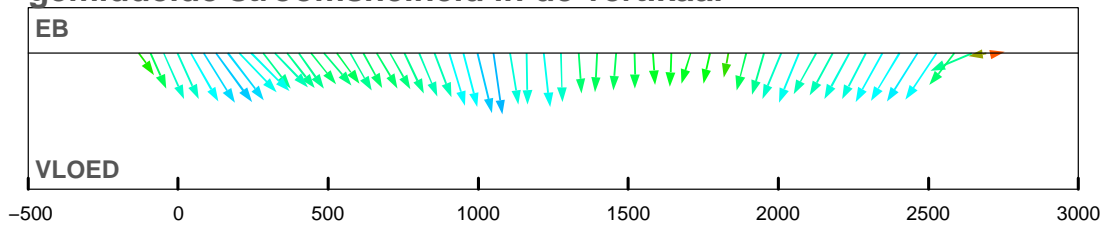
afstand uit nulpunt : 63 m  
 stroomsnelheid : 104 cm/sec  
 stroomrichting : 69°

doorstroomoppervlak : -62674 m<sup>2</sup>  
 raaidebiet : -39202 m<sup>3</sup>/sec

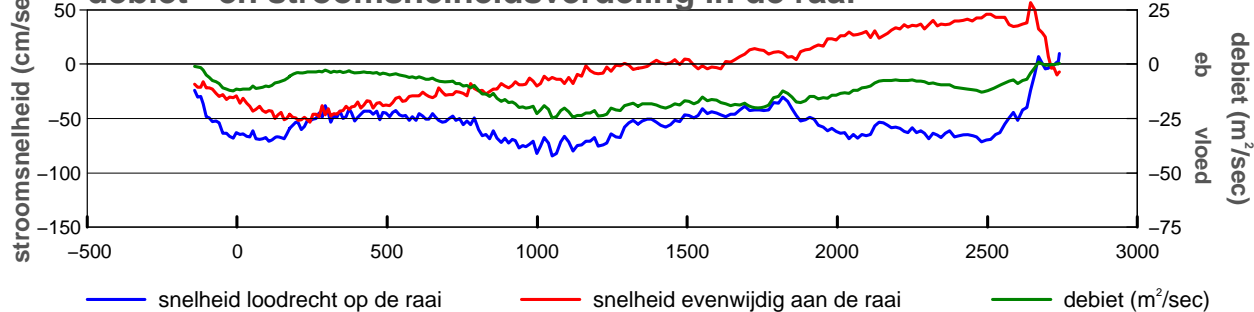
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



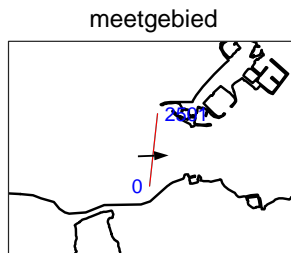
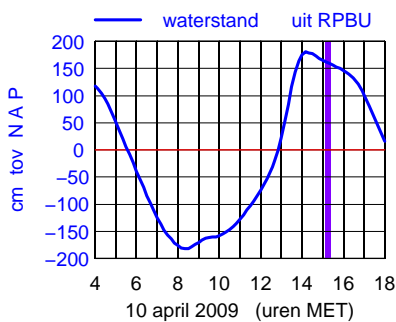
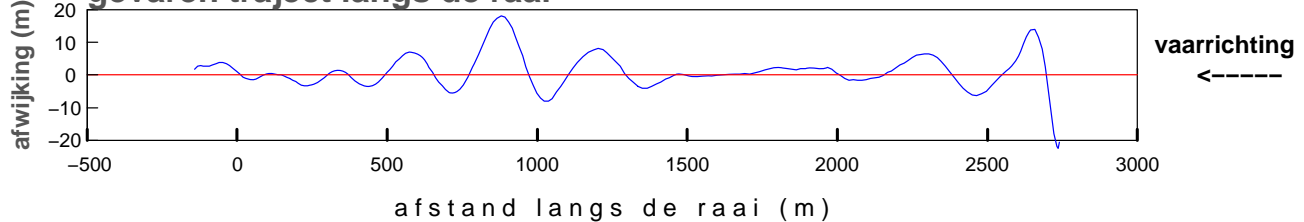
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



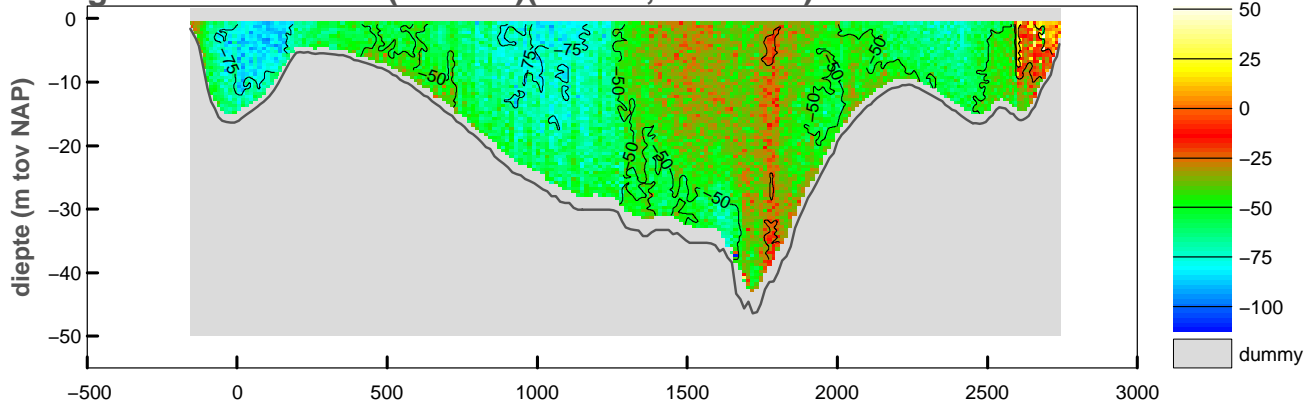
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1050 m  
 stroomsnelheid : 86 cm/sec  
 stroomrichting : 88°

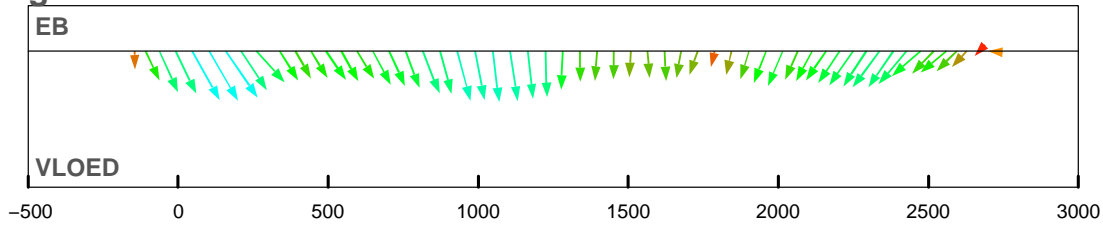
doorstroomoppervlak : -62437 m<sup>2</sup>  
 raaidebiet : -34519 m<sup>3</sup>/sec



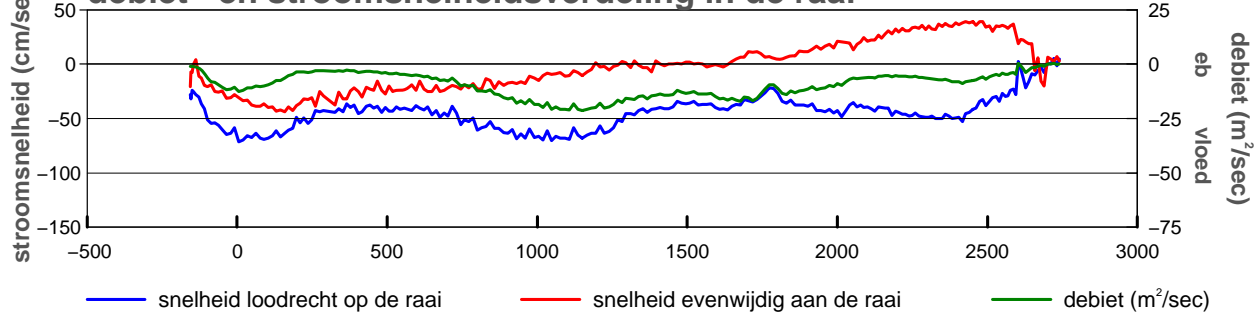
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



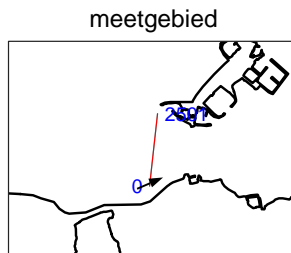
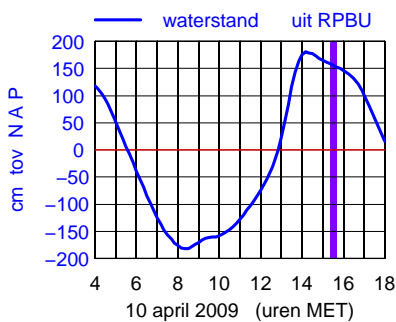
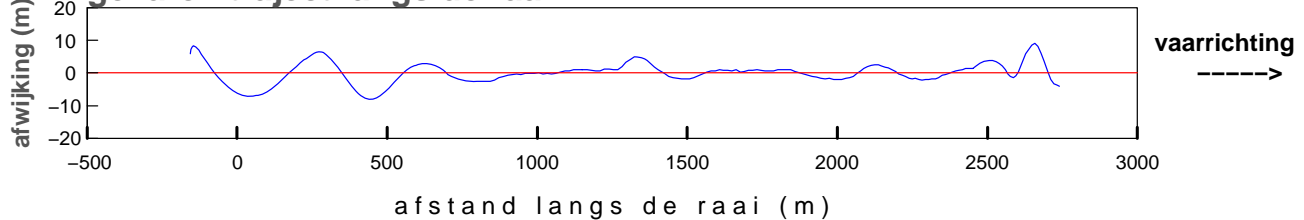
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

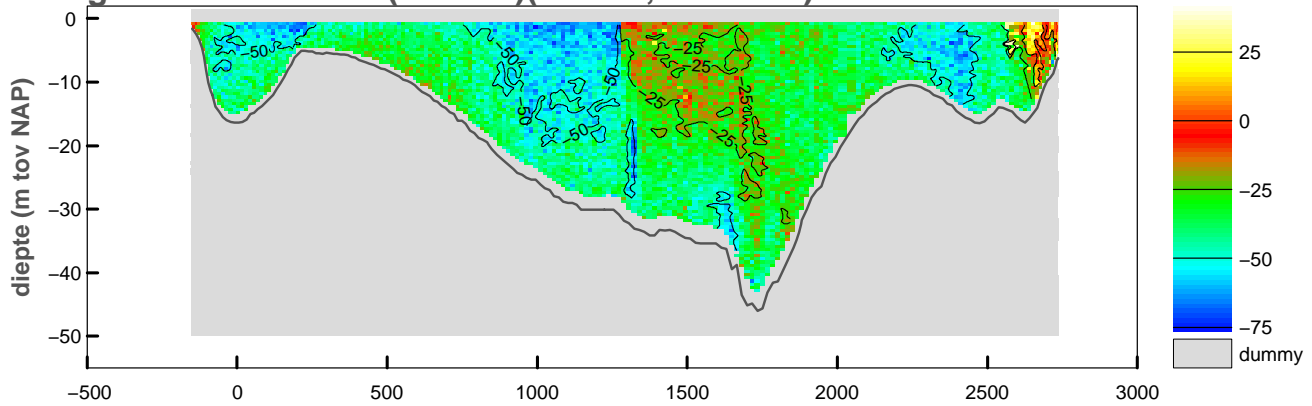


maximum gemiddelde stroom-  
 snelheid in de vertikaal

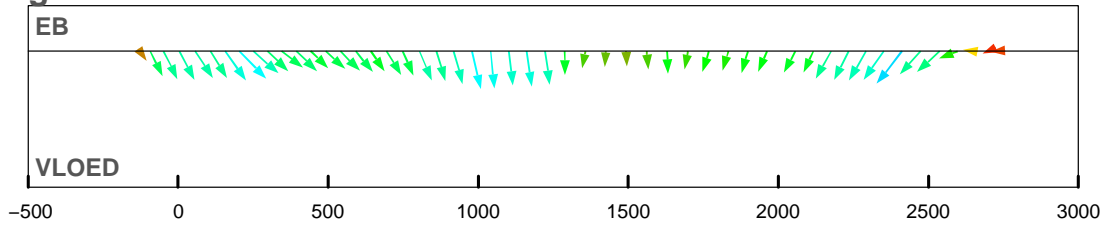
afstand uit nulpunt : 103 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 66°

doorstroomoppervlak : -62442 m<sup>2</sup>  
 raaidebiet : -28144 m<sup>3</sup>/sec

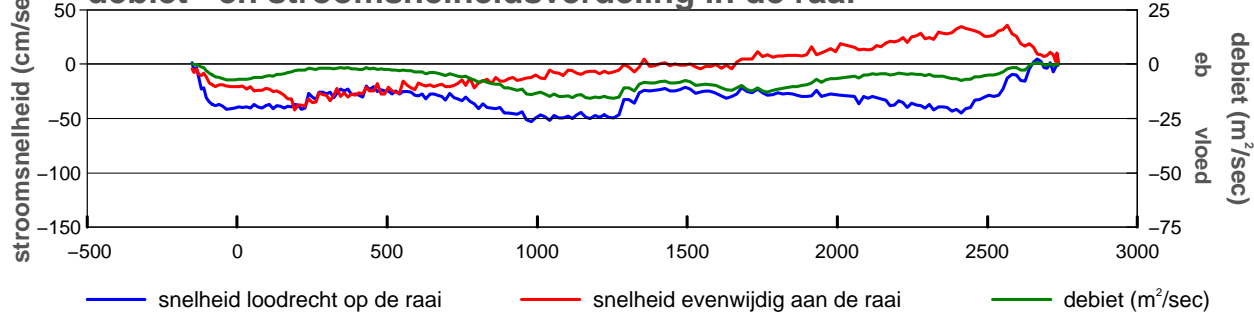
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



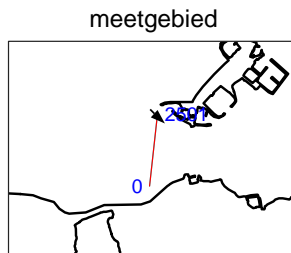
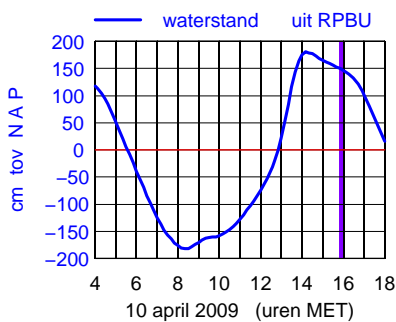
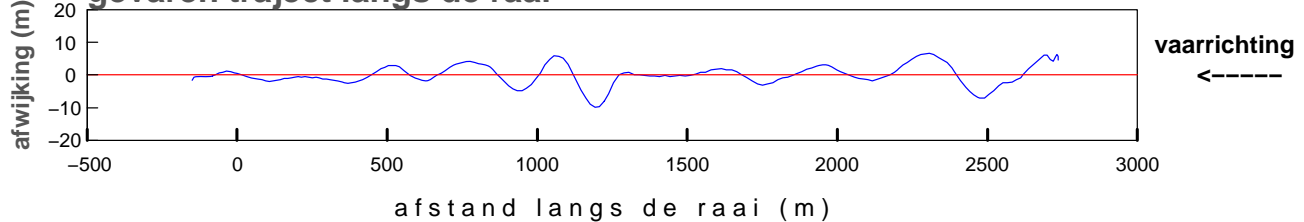
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

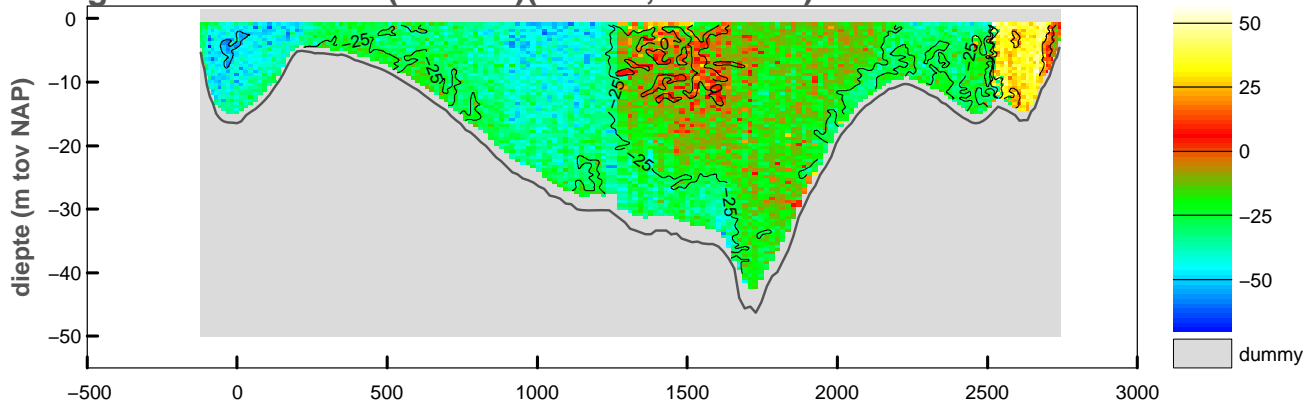


maximum gemiddelde stroom-  
 snelheid in de vertikaal

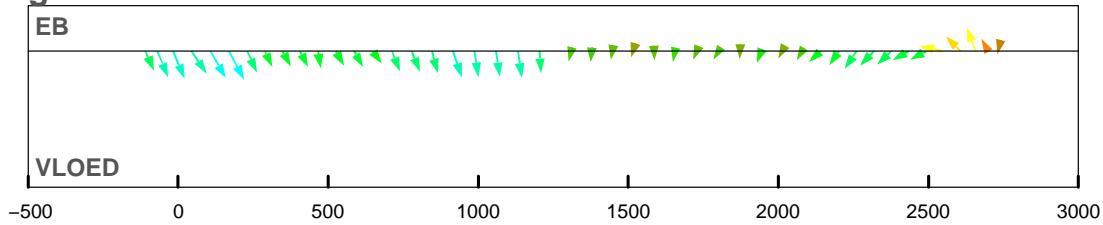
afstand uit nulpunt : 2412 m  
 stroomsnelheid : 57 cm/sec  
 stroomrichting : 134°

doorstroomoppervlak : -62184 m²  
 raaidebiet : -20053 m³/sec

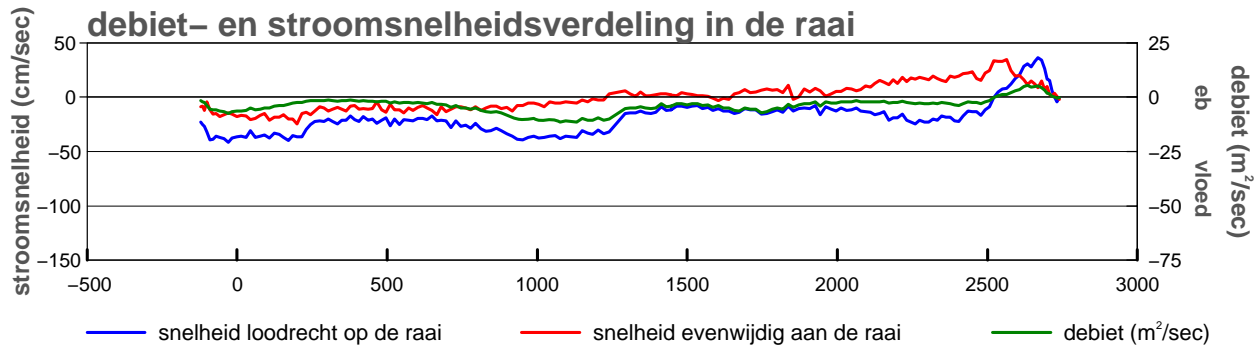
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



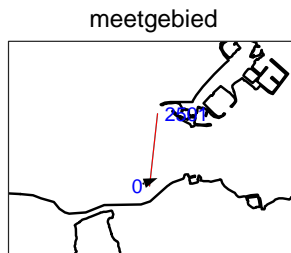
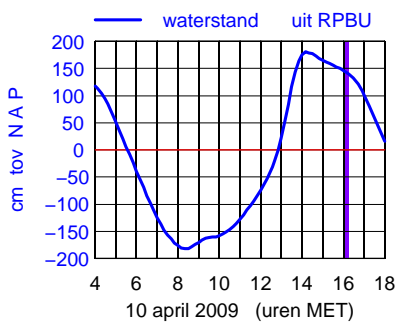
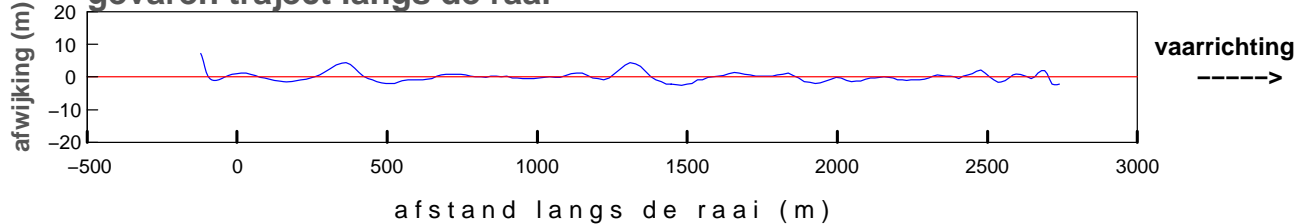
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

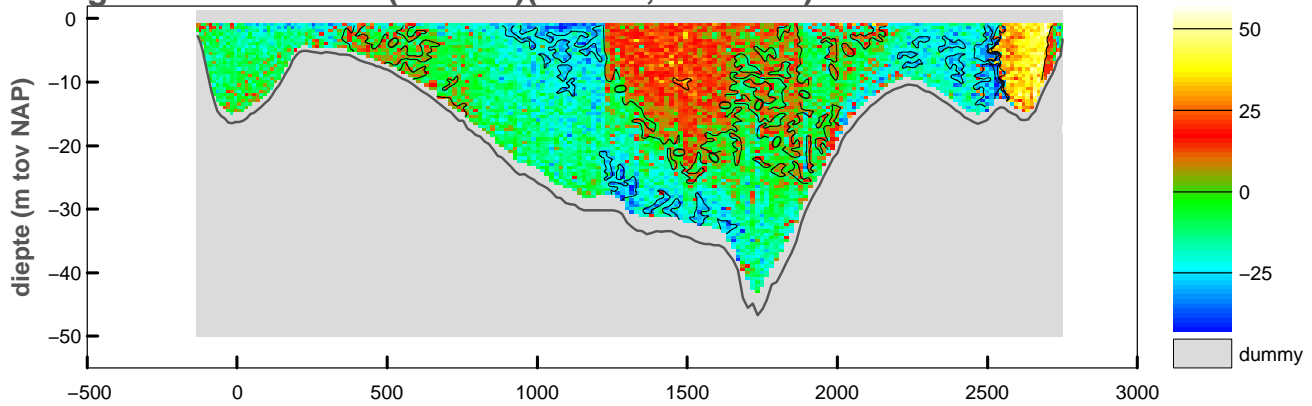


maximum gemiddelde stroom-  
 snelheid in de vertikaal

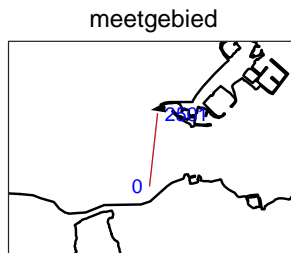
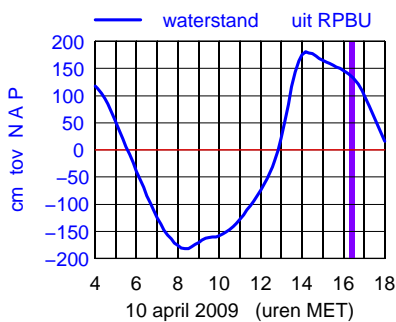
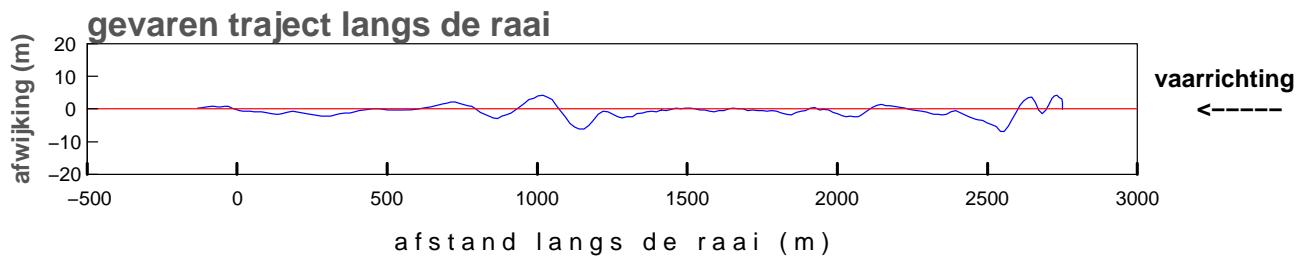
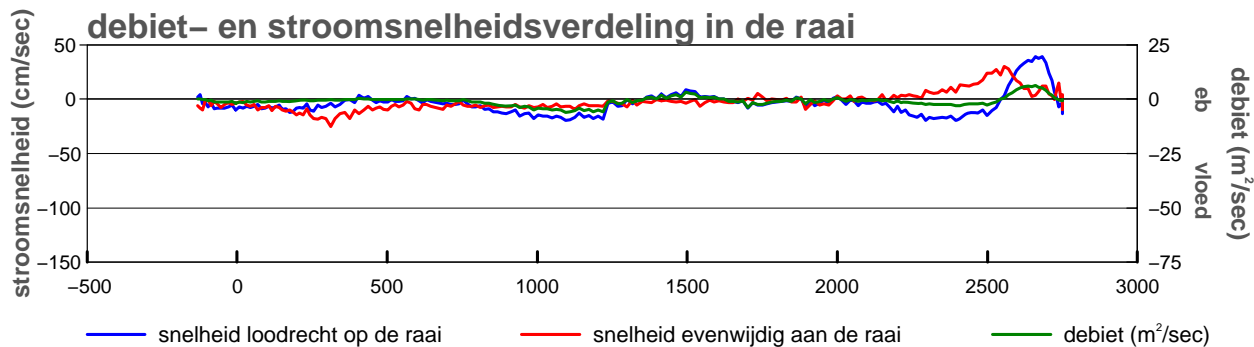
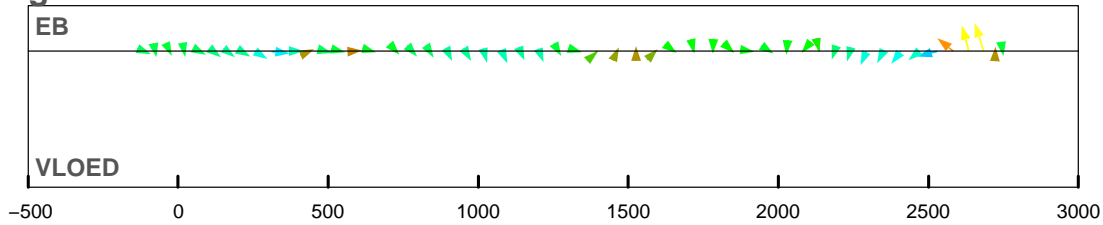
afstand uit nulpunt : 170 m  
 stroomsnelheid : 44 cm/sec  
 stroomrichting : 69°

doorstroomoppervlak : -61819 m<sup>2</sup>  
 raaidebiet : -11452 m<sup>3</sup>/sec

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



**gemiddelde stroomsnelheid in de vertikaal**

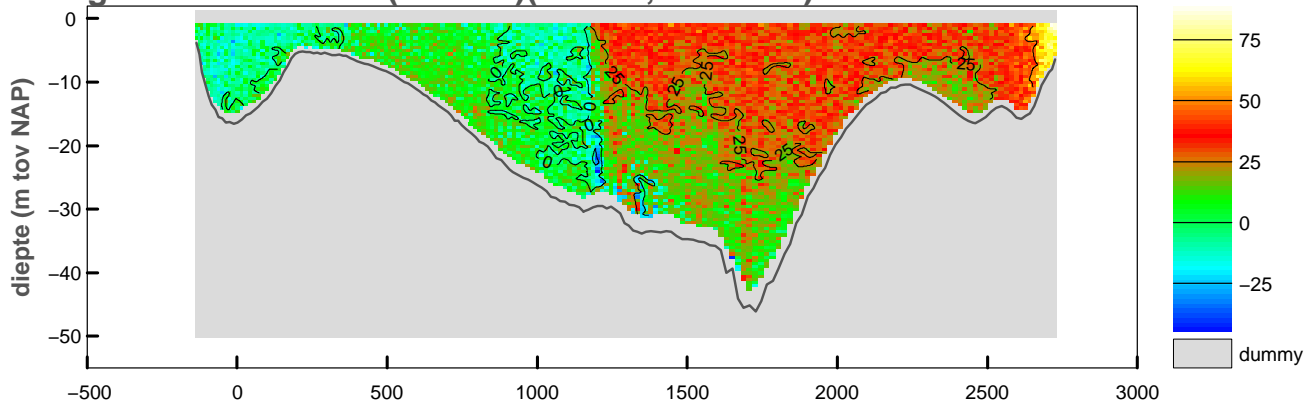


maximum gemiddelde stroom-  
 snelheid in de vertikaal

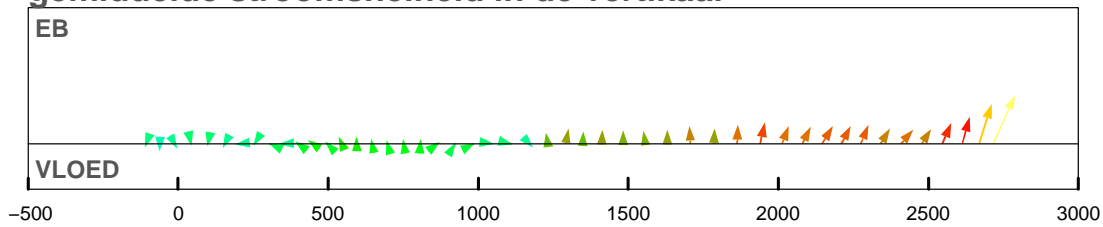
afstand uit nulpunt : 2683 m  
 stroomsnelheid : 41 cm/sec  
 stroomrichting : 259°

doorstroomoppervlak : -61737 m²  
 raaidebiet : -2565 m³/sec

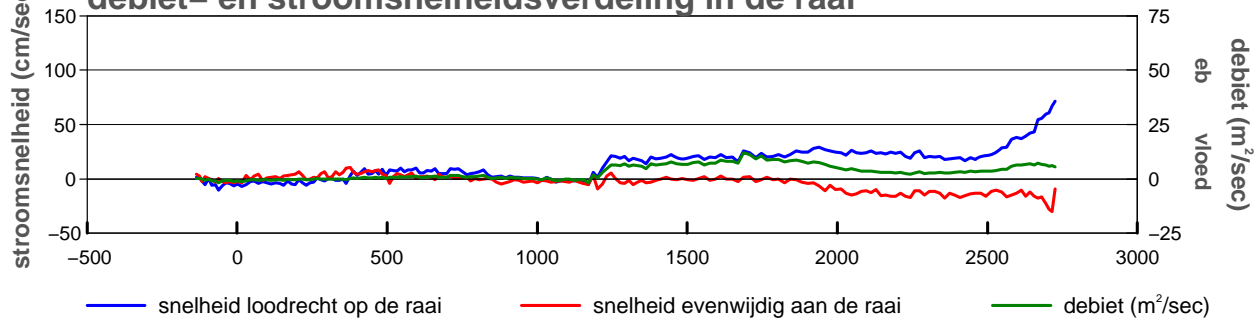
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



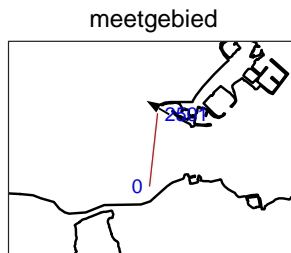
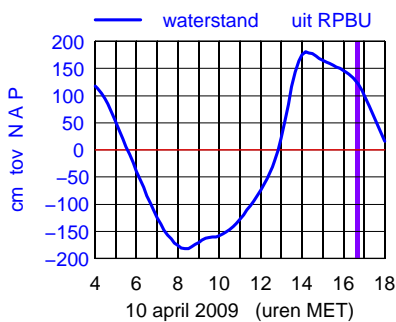
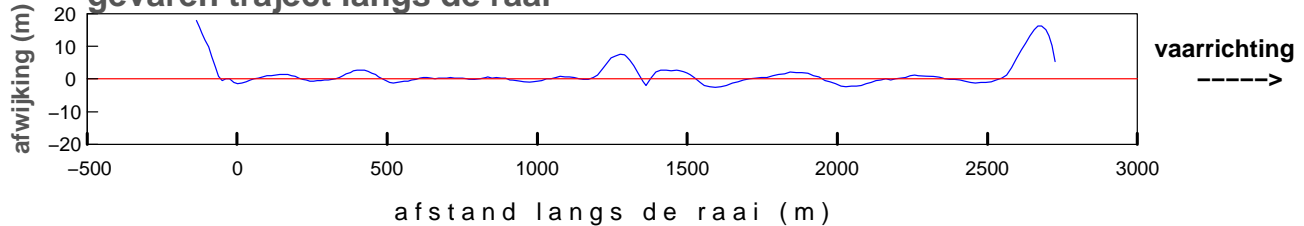
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

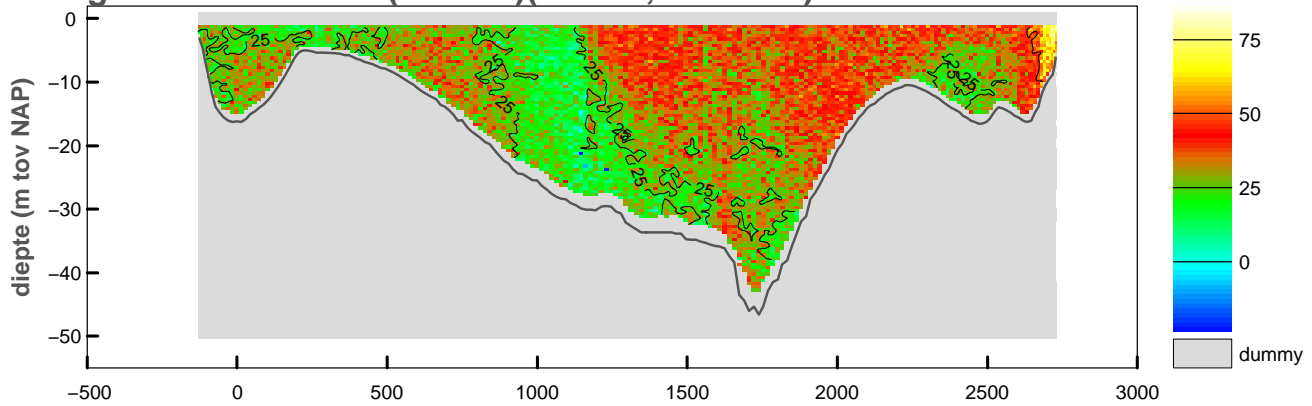


maximum gemiddelde stroom-  
 snelheid in de vertikaal

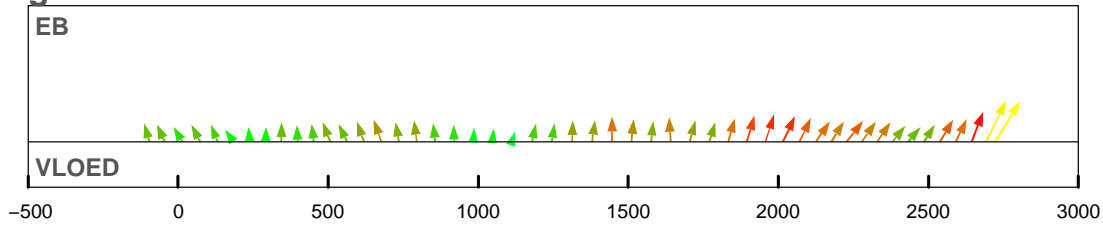
afstand uit nulpunt : 2716 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 300°

doorstroomoppervlak : -61241 m<sup>2</sup>  
 raaidebiet : 8984 m<sup>3</sup>/sec

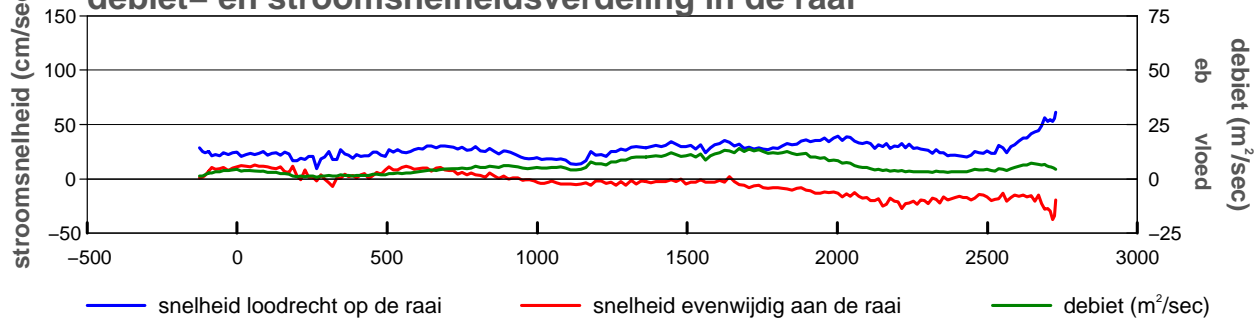
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



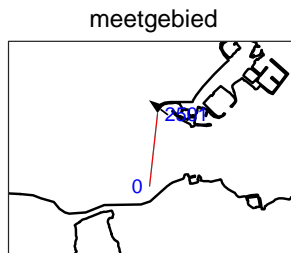
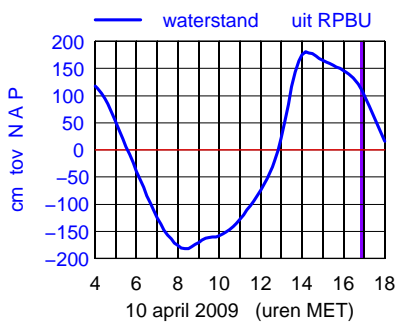
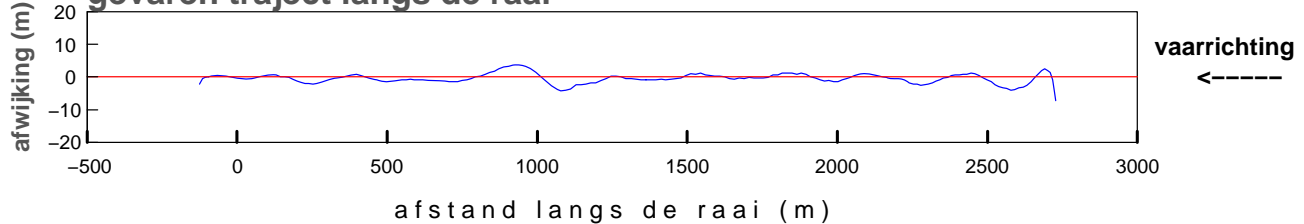
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

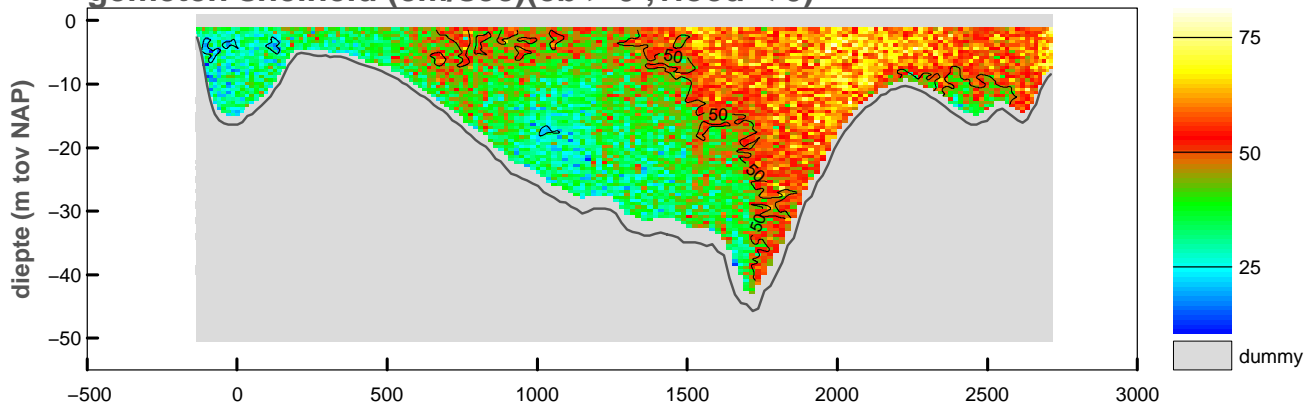


maximum gemiddelde stroom-  
 snelheid in de vertikaal

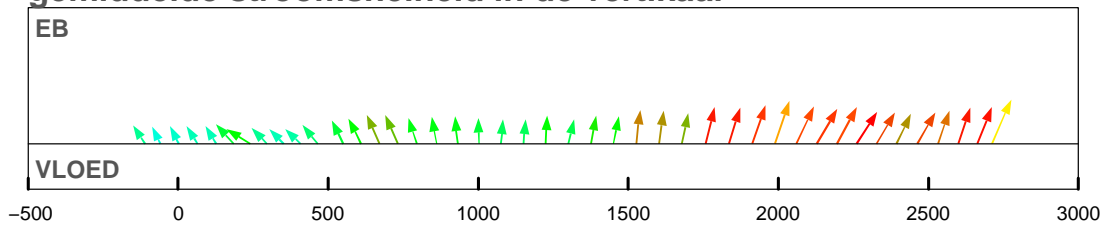
afstand uit nulpunt : 2723 m  
 stroomsnelheid : 65 cm/sec  
 stroomrichting : 308°

doorstroomoppervlak : -60782 m<sup>2</sup>  
 raaidebiet : 16694 m<sup>3</sup>/sec

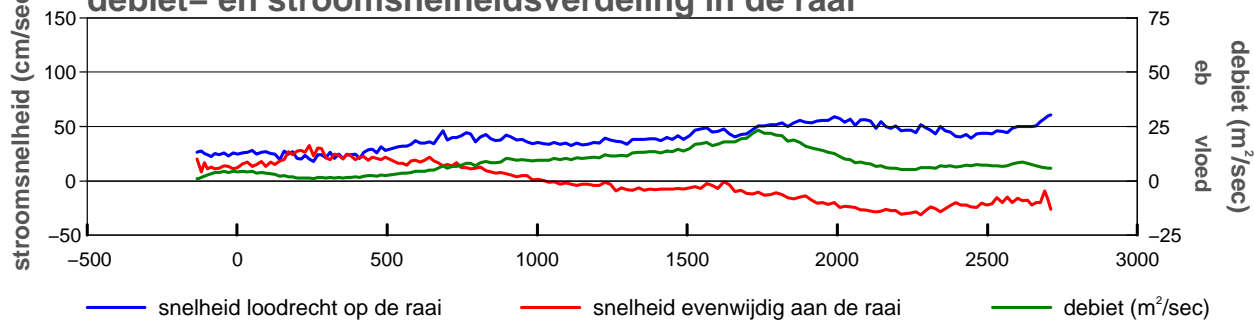
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



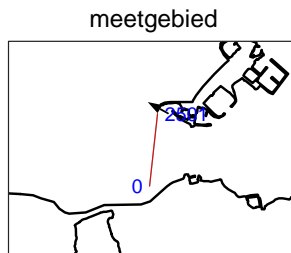
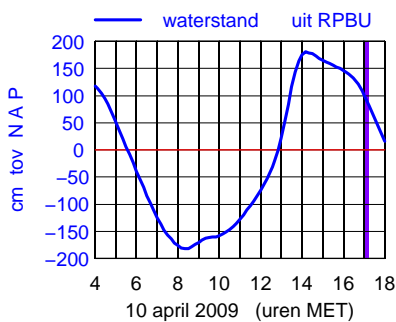
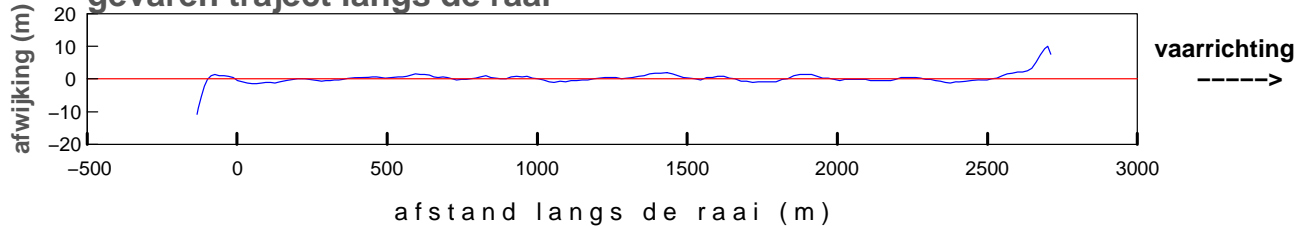
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**

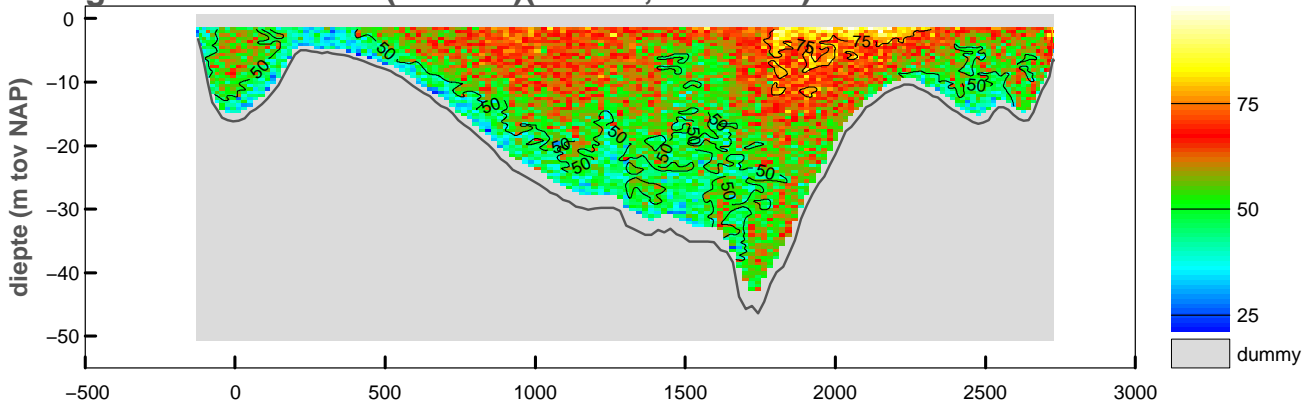


maximum gemiddelde stroom-  
 snelheid in de vertikaal

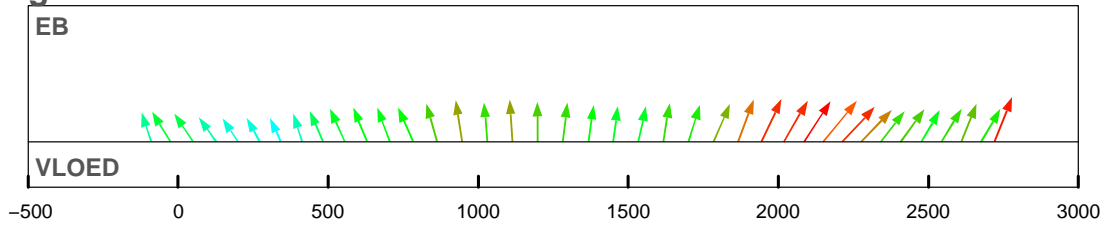
afstand uit nulpunt : 2712 m  
 stroomsnelheid : 66 cm/sec  
 stroomrichting : 300°

doorstroomoppervlak : -60181 m<sup>2</sup>  
 raaidebiet : 24872 m<sup>3</sup>/sec

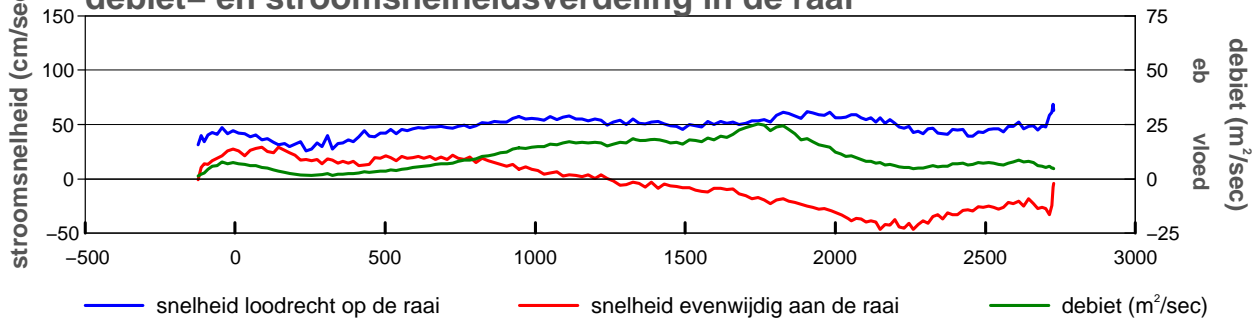
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



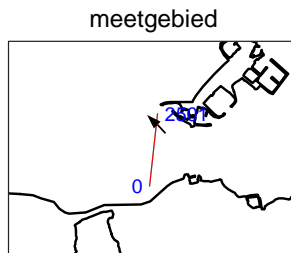
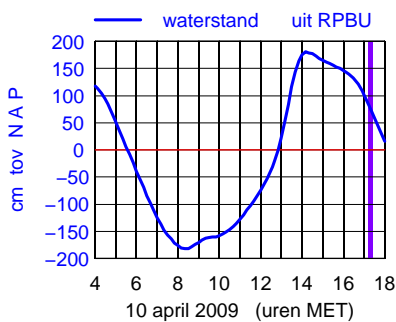
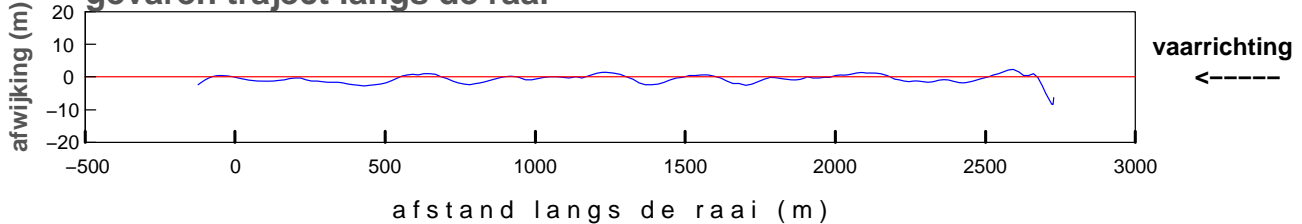
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



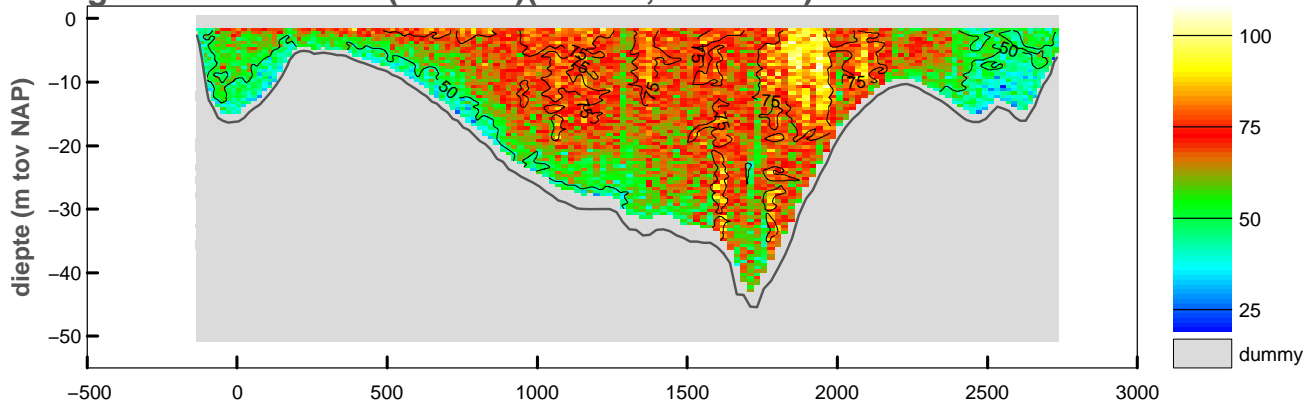
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 2150 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 316°

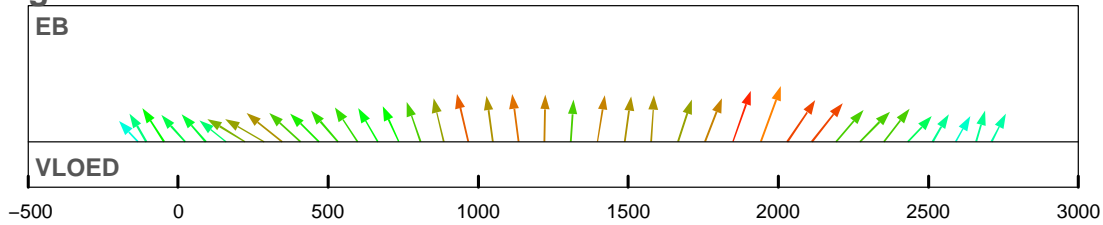
doorstroomoppervlak : -59645 m²  
 raaidebiet : 30206 m³/sec



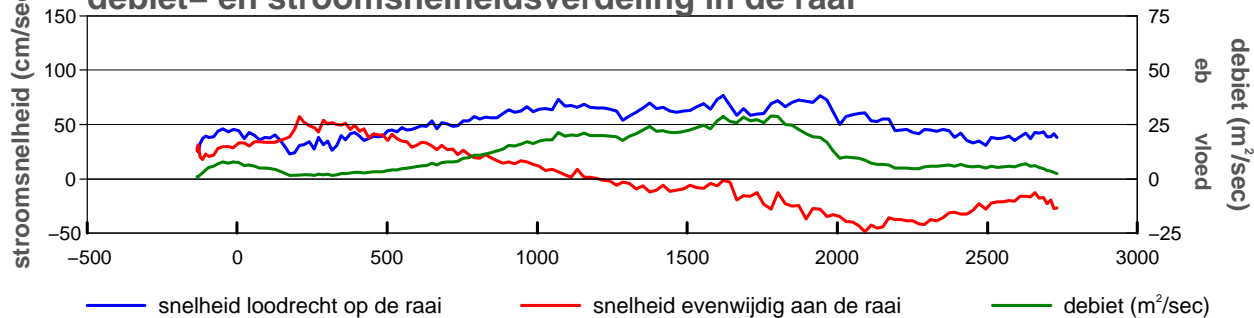
**gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)**



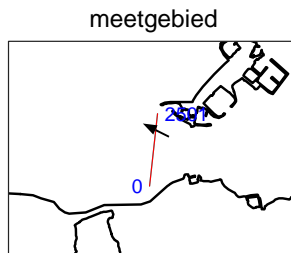
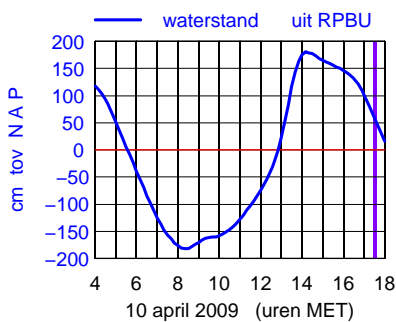
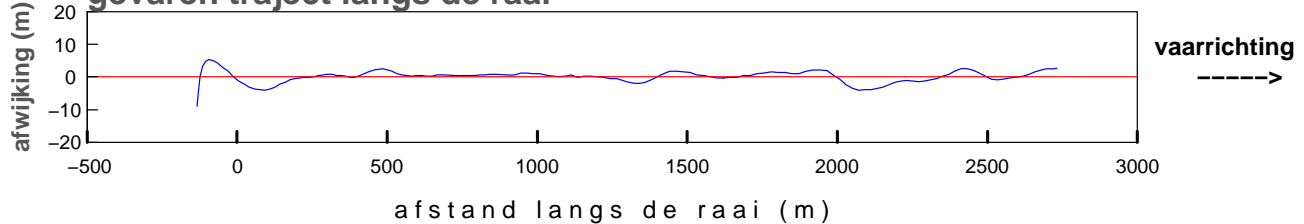
**gemiddelde stroomsnelheid in de vertikaal**



**debiet- en stroomsnelheidsverdeling in de raai**



**gevaren traject langs de raai**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1942 m  
 stroomsnelheid : 81 cm/sec  
 stroomrichting : 296°

doorstroomoppervlak : -59211 m<sup>2</sup>  
 raaidebiet : 34046 m<sup>3</sup>/sec

## **Bijlage 6**

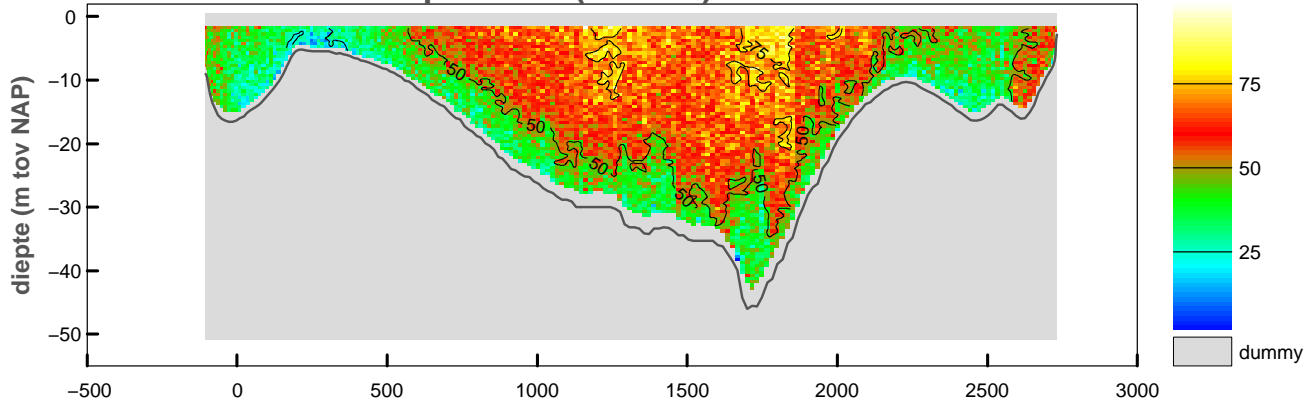
### **Ontbonden gegevens raai**

Debietraai 11 Roompot West

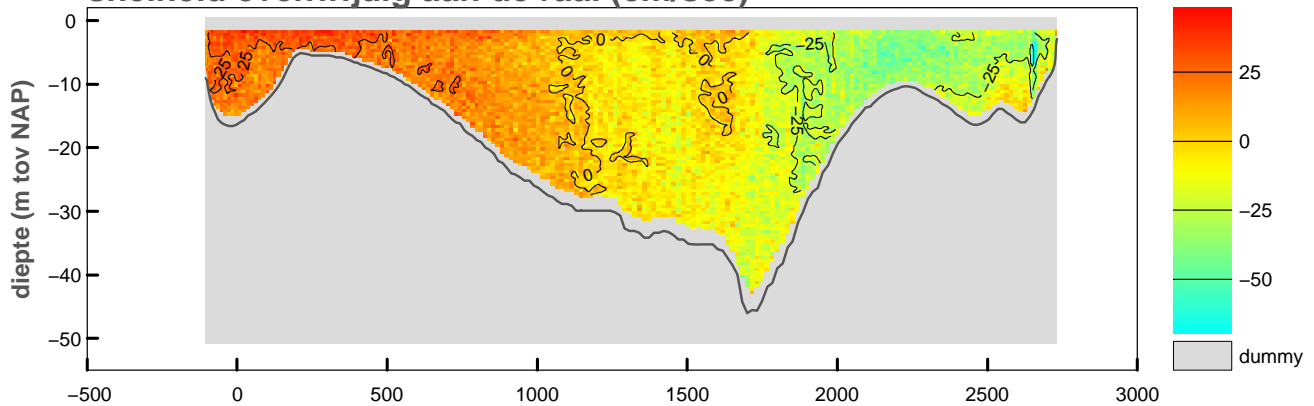
2001m0801

Notitie: ZLMD-08.N.010

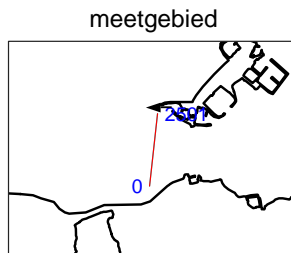
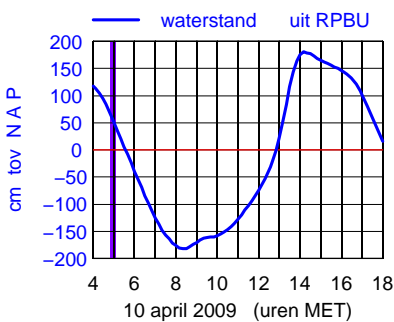
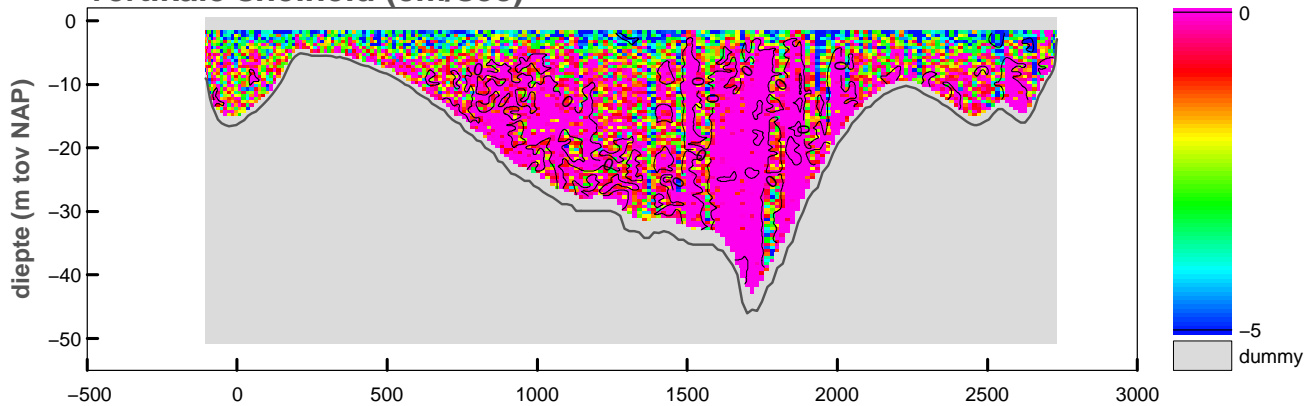
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 2731 m

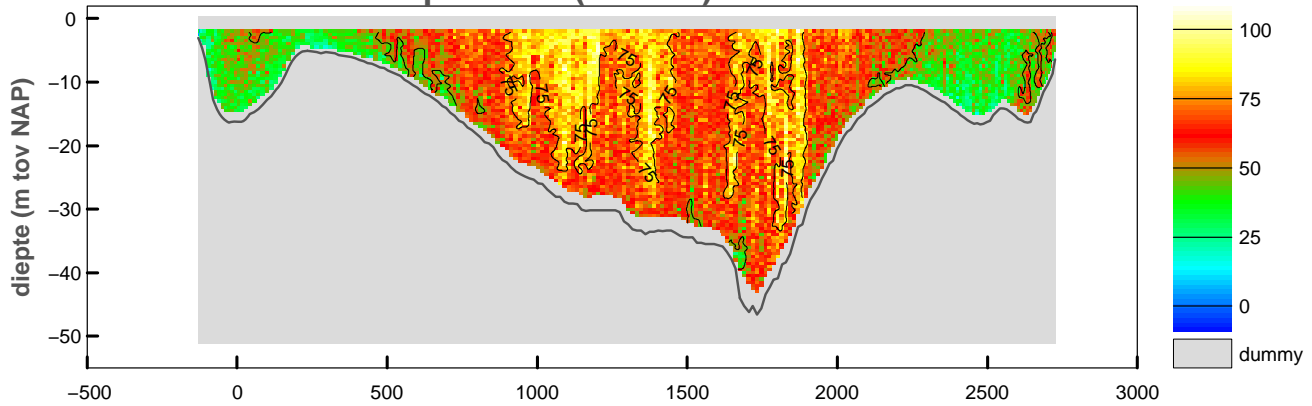
stroomsnelheid : 71 cm/sec

stroomrichting : 269°

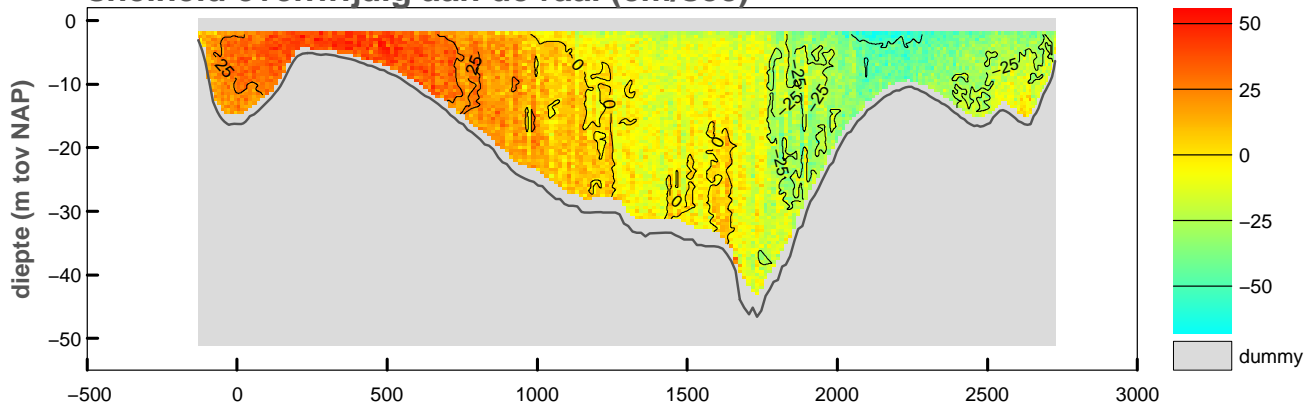
doorstroomoppervlak : -59046 m<sup>2</sup>

raaidebiet : 30681 m<sup>3</sup>/sec

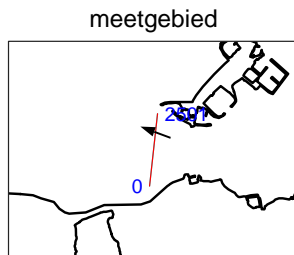
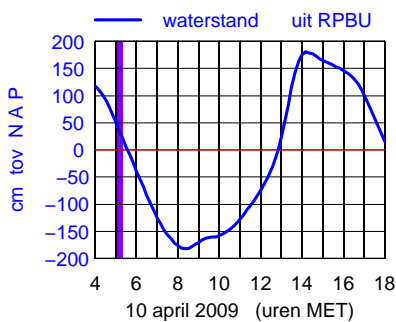
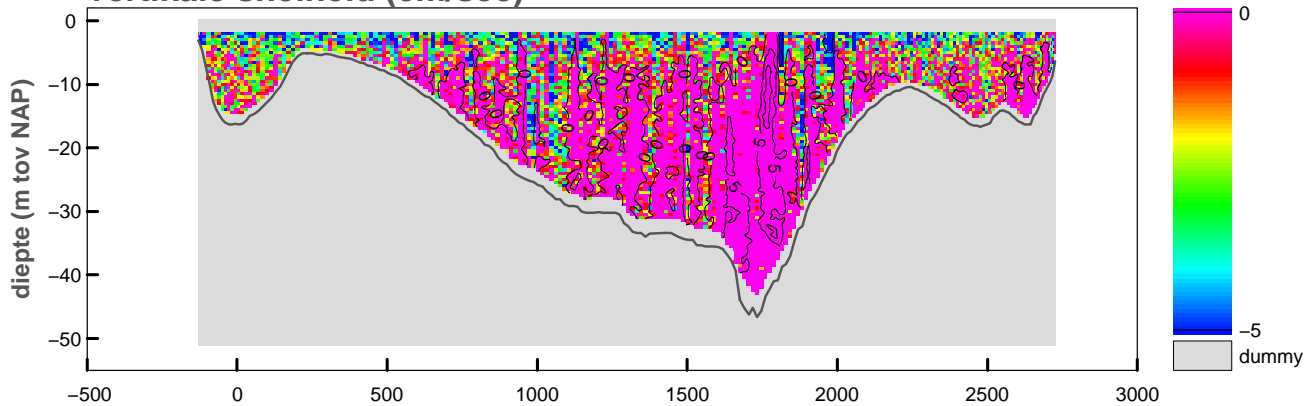
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1870 m

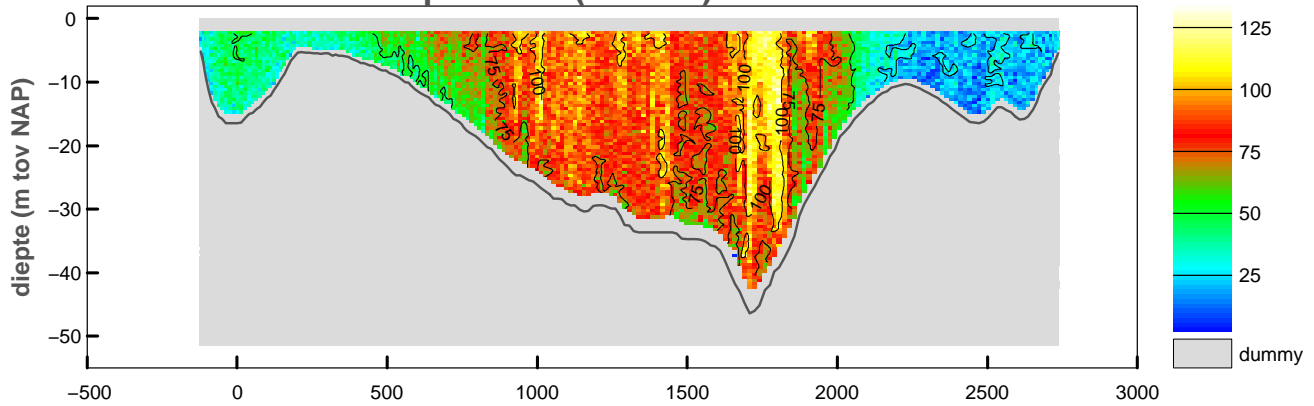
stroomsnelheid : 89 cm/sec

stroomrichting : 291°

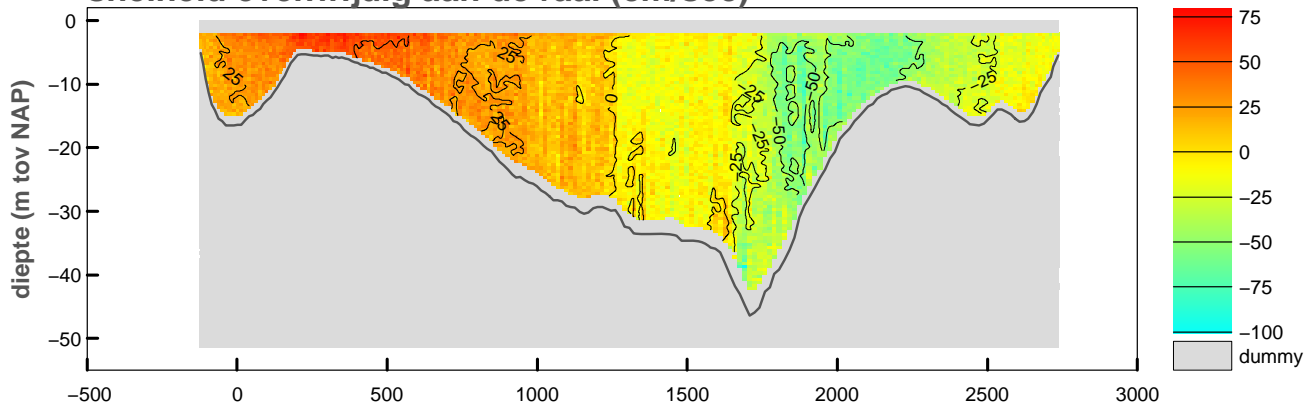
doorstroomoppervlak : -58632 m<sup>2</sup>

raaidebiet : 35954 m<sup>3</sup>/sec

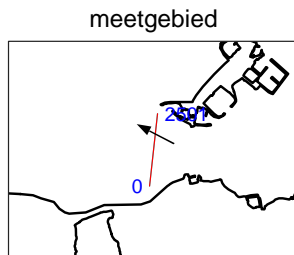
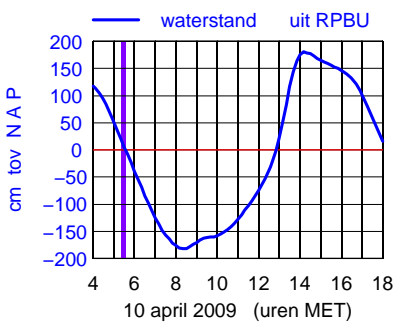
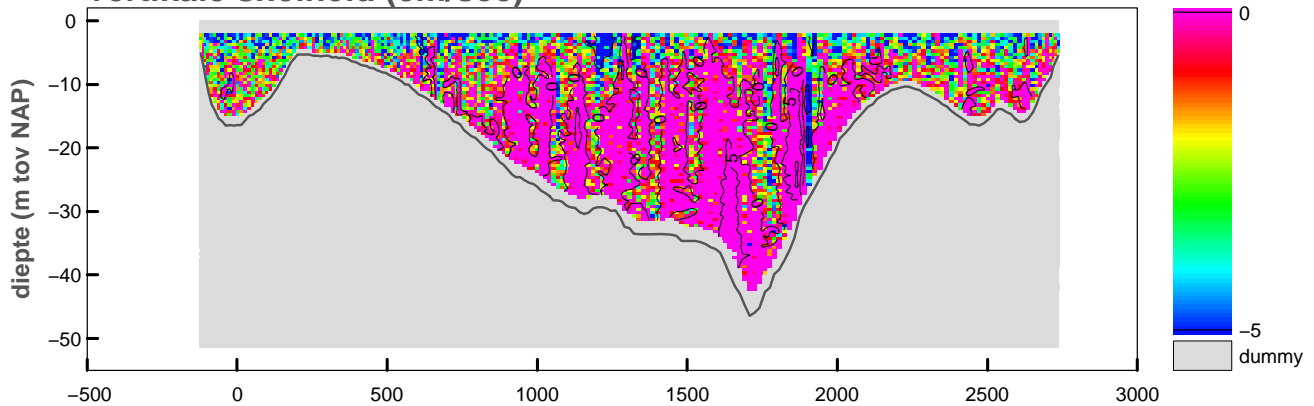
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 1807 m

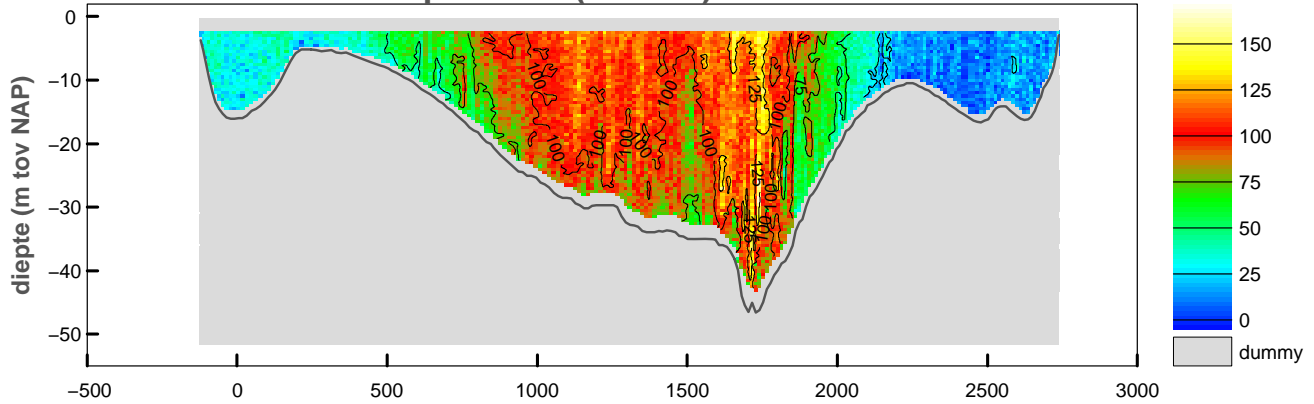
stroomsnelheid : 117 cm/sec

stroomrichting : 298°

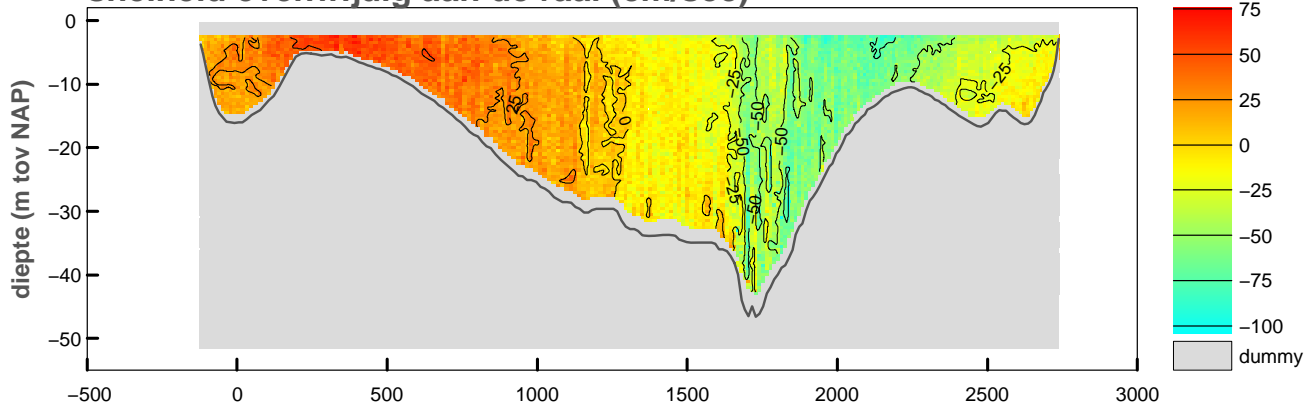
doorstroomoppervlak : -57945 m<sup>2</sup>

raaidebiet : 39189 m<sup>3</sup>/sec

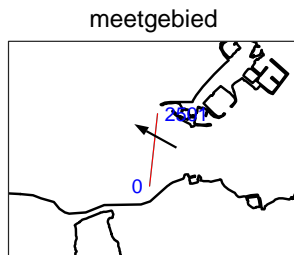
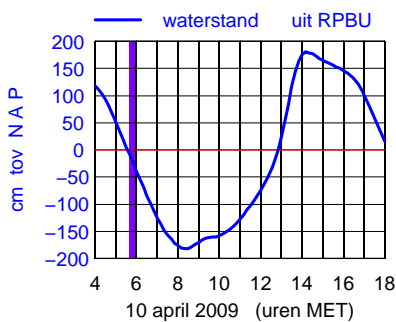
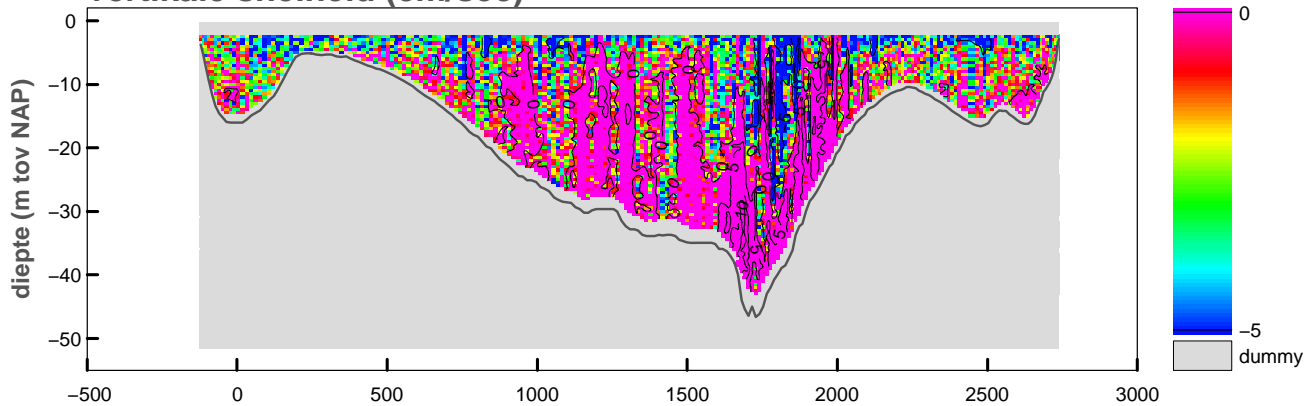
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

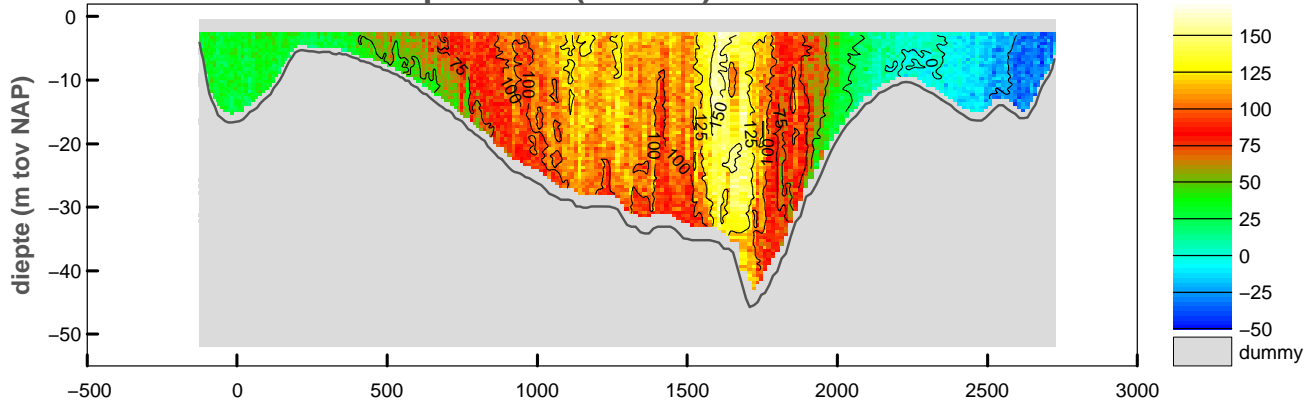


maximum gemiddelde stroom-  
 snelheid in de vertikaal

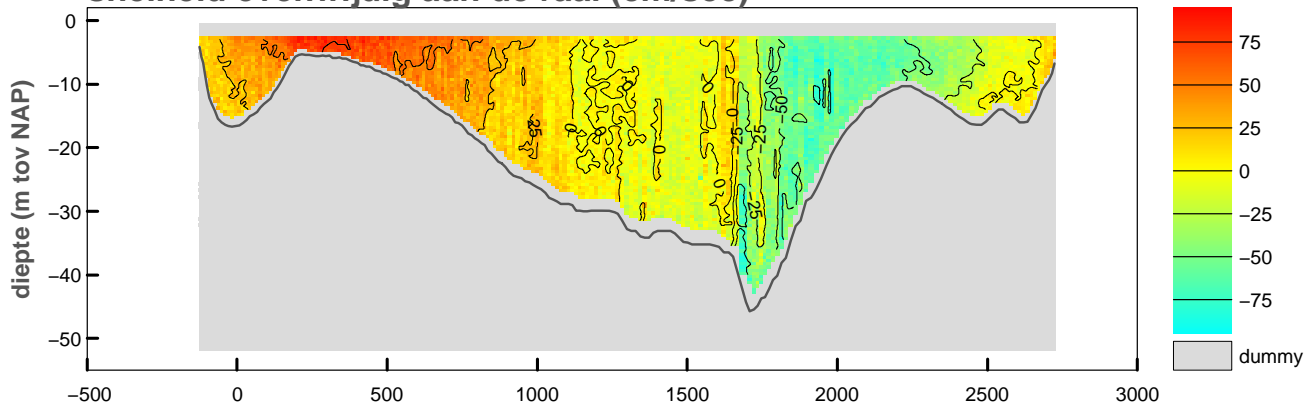
afstand uit nulpunt : 1740 m  
 stroomsnelheid : 134 cm/sec  
 stroomrichting : 299°

doorstroomoppervlak : -57034 m<sup>2</sup>  
 raaidebiet : 42385 m<sup>3</sup>/sec

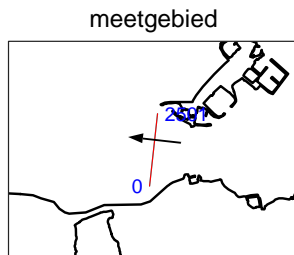
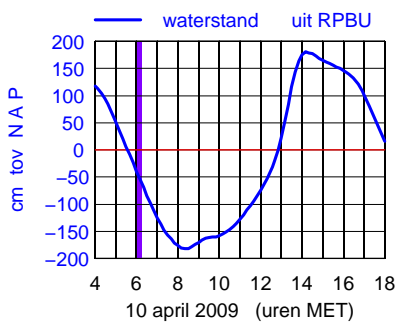
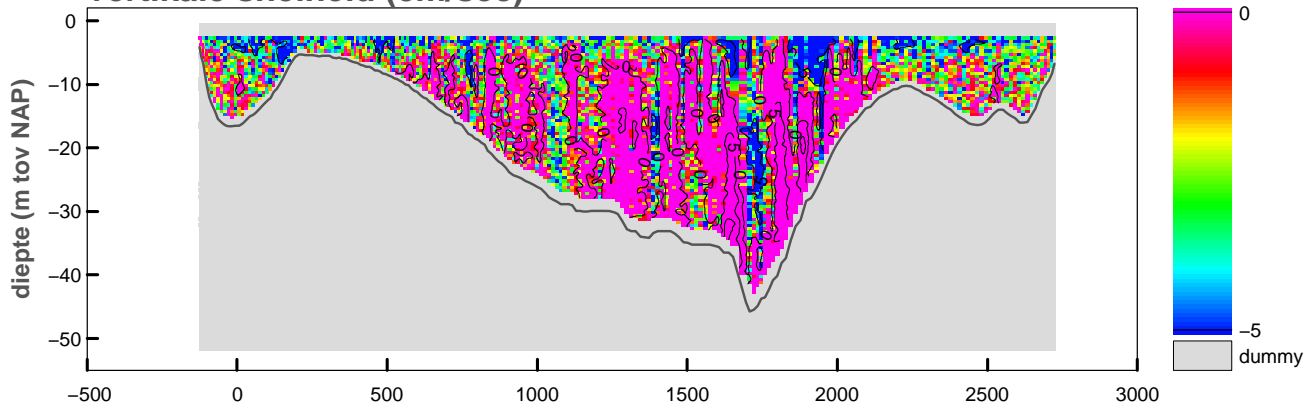
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

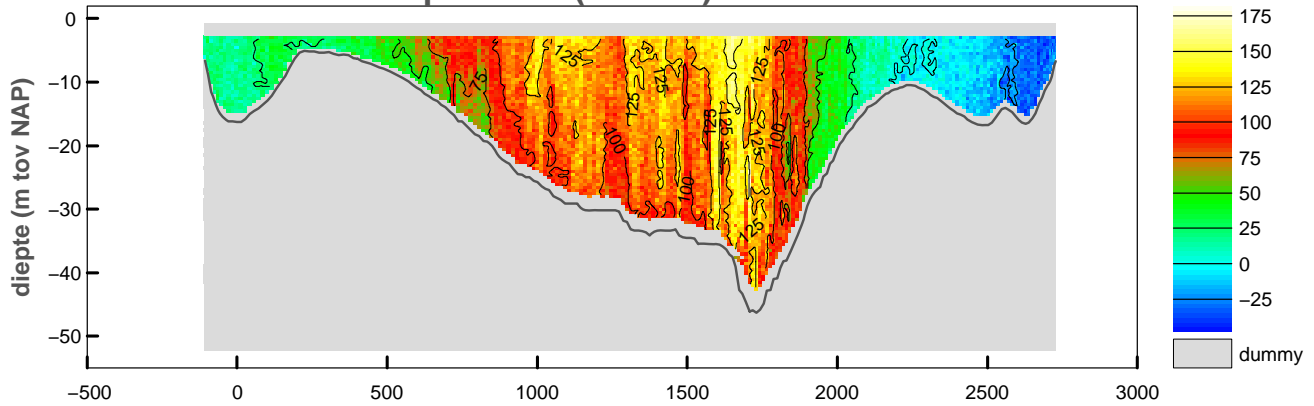


maximum gemiddelde stroom-  
 snelheid in de vertikaal

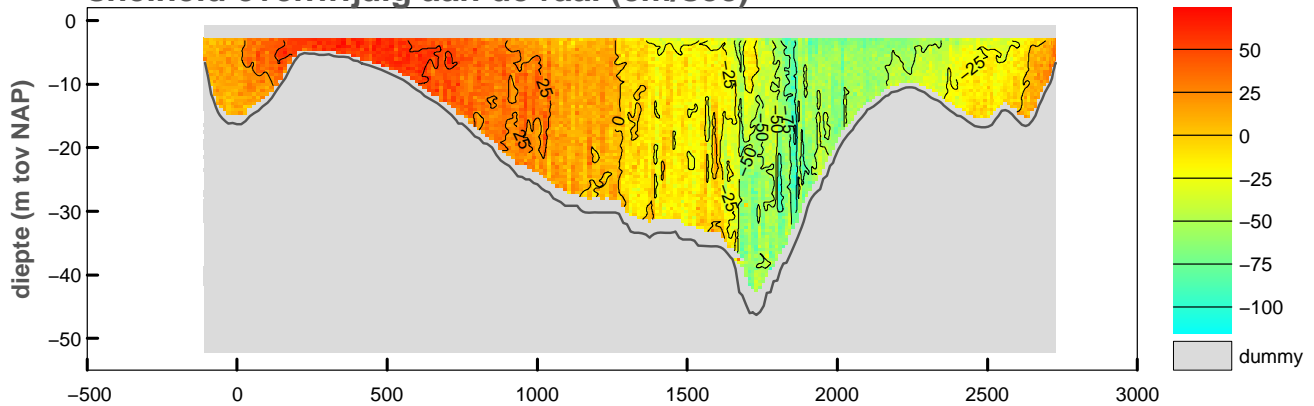
afstand uit nulpunt : 1606 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 276°

doorstroomoppervlak : -56211 m<sup>2</sup>  
 raaidebiet : 42189 m<sup>3</sup>/sec

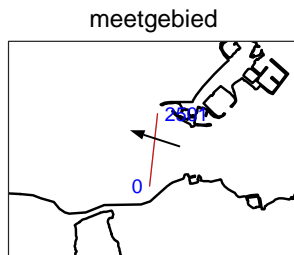
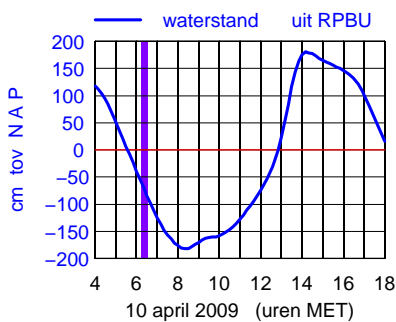
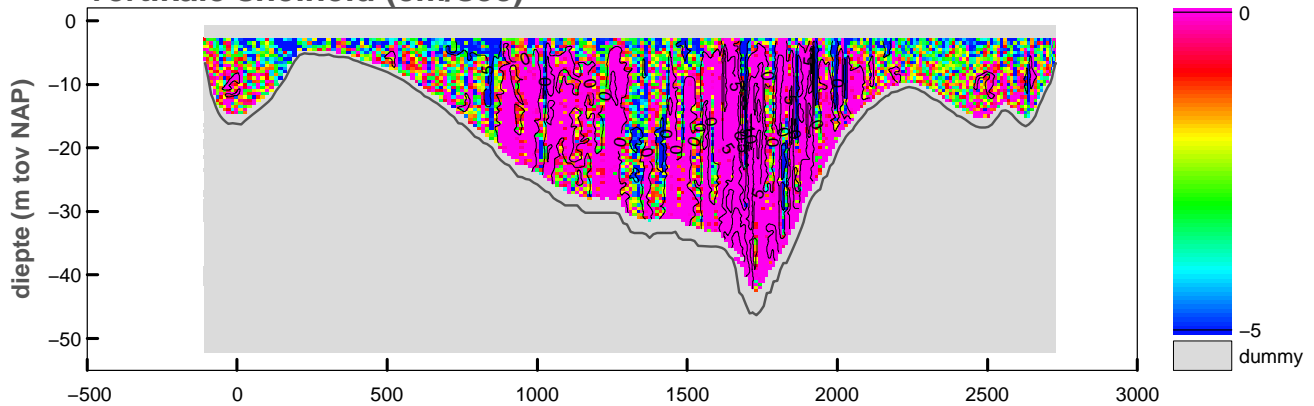
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



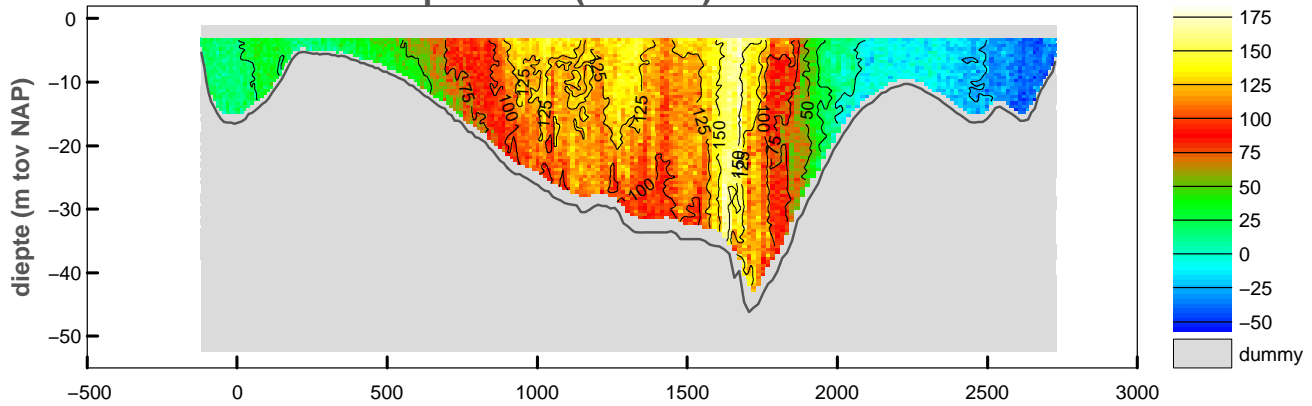
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1651 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 288°

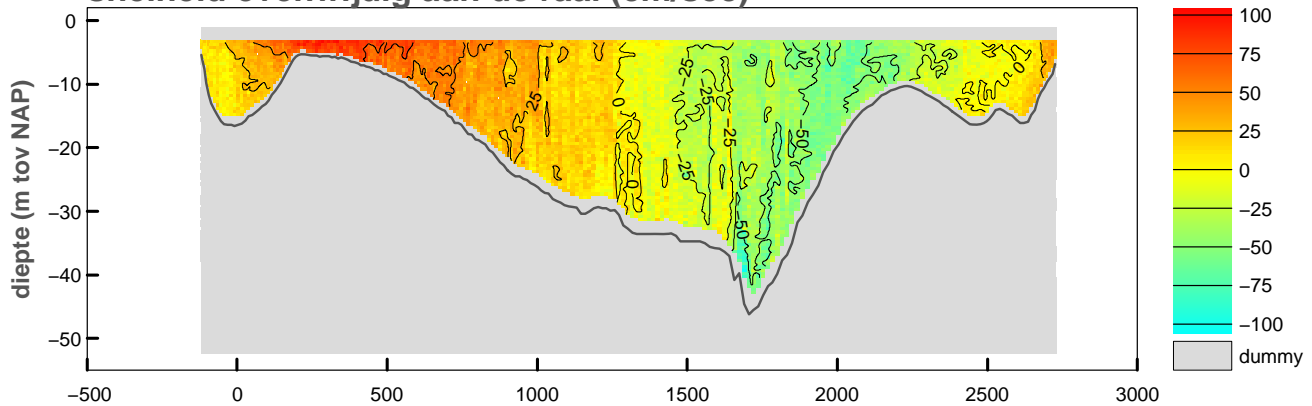
doorstroomoppervlak : -55643 m<sup>2</sup>  
 raaidebiet : 42613 m<sup>3</sup>/sec



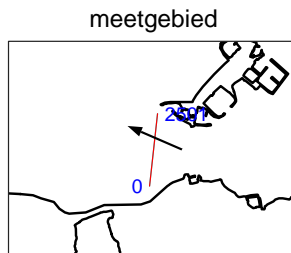
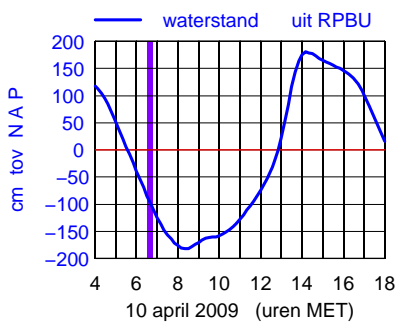
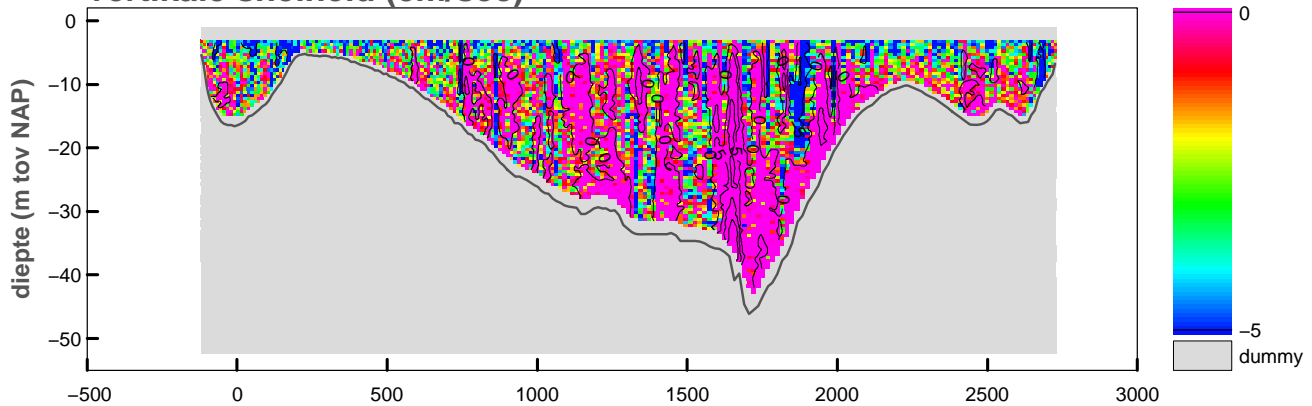
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

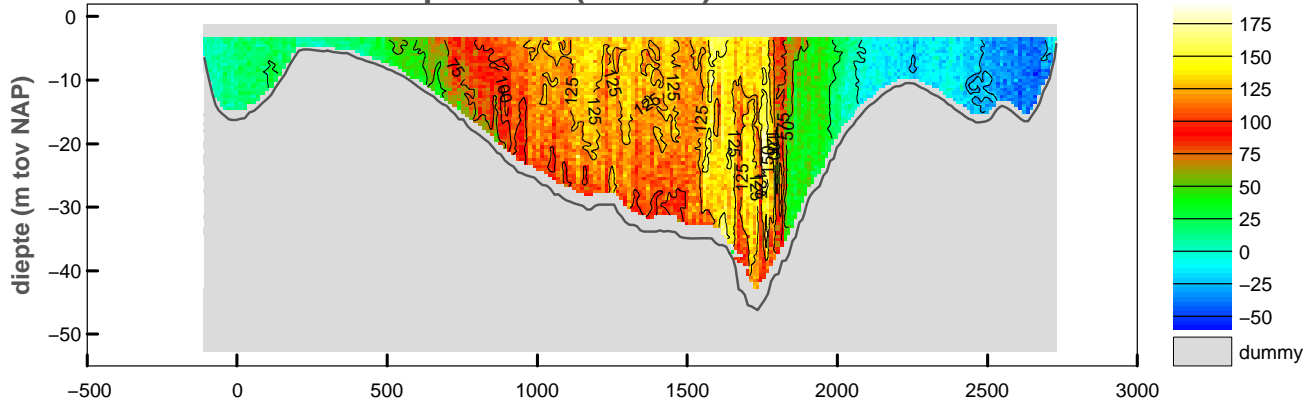


maximum gemiddelde stroom-  
 snelheid in de verticaleal

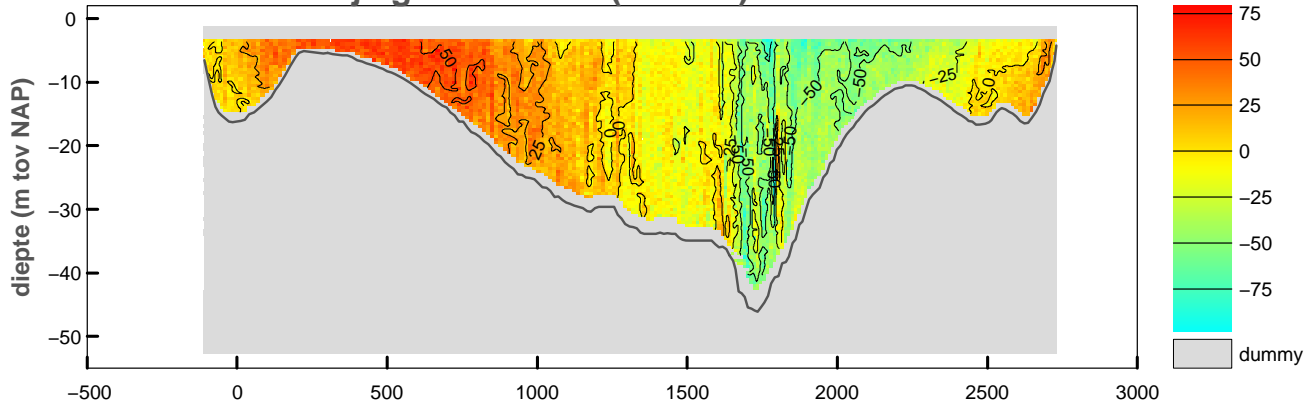
afstand uit nulpunt : 1673 m  
 stroomsnelheid : 163 cm/sec  
 stroomrichting : 293°

doorstroomoppervlak : -54743 m<sup>2</sup>  
 raaidebiet : 41266 m<sup>3</sup>/sec

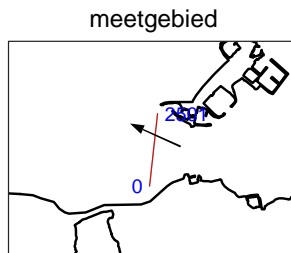
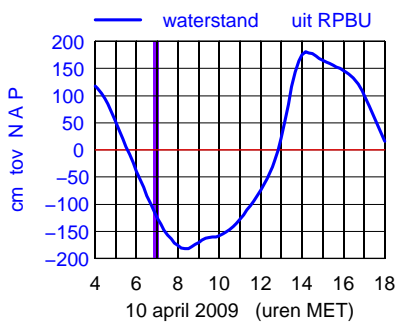
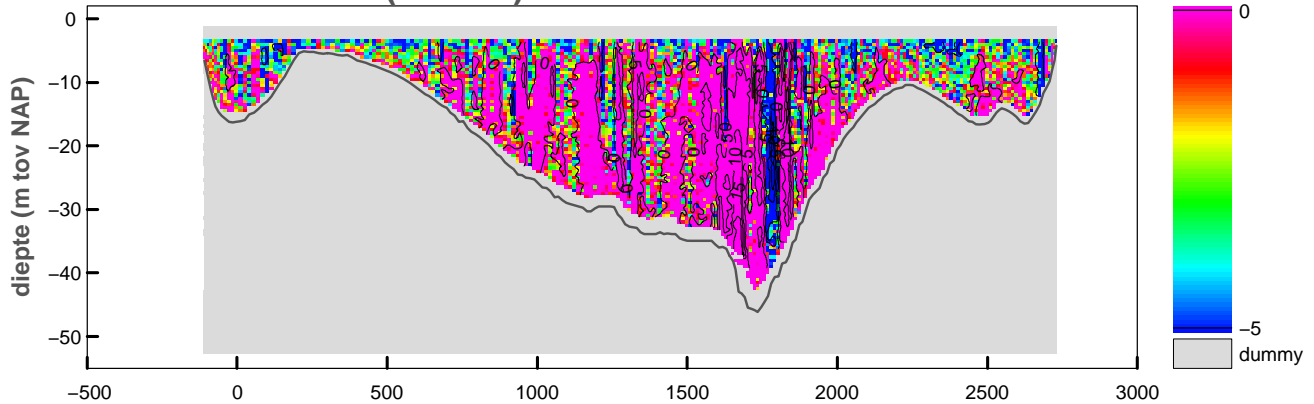
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 1768 m

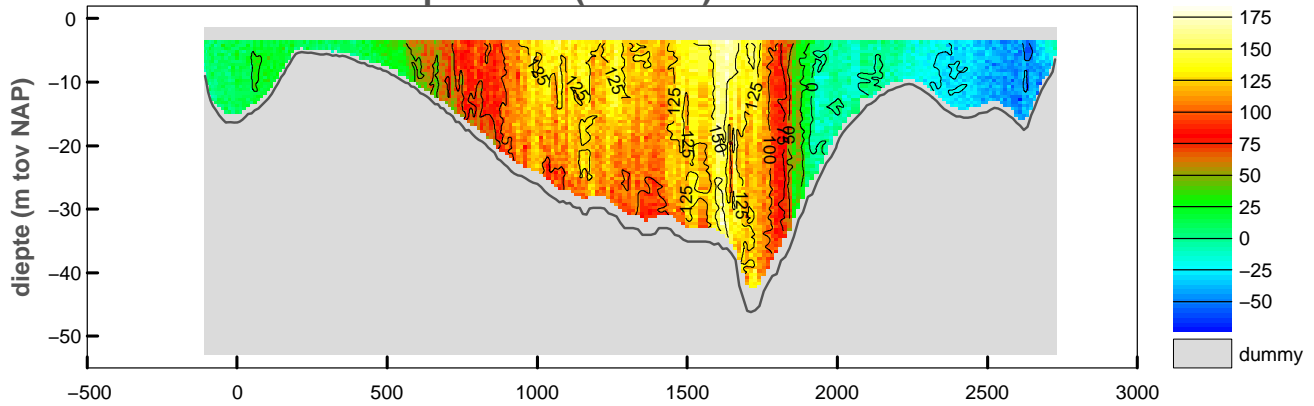
stroomsnelheid : 154 cm/sec

stroomrichting : 294°

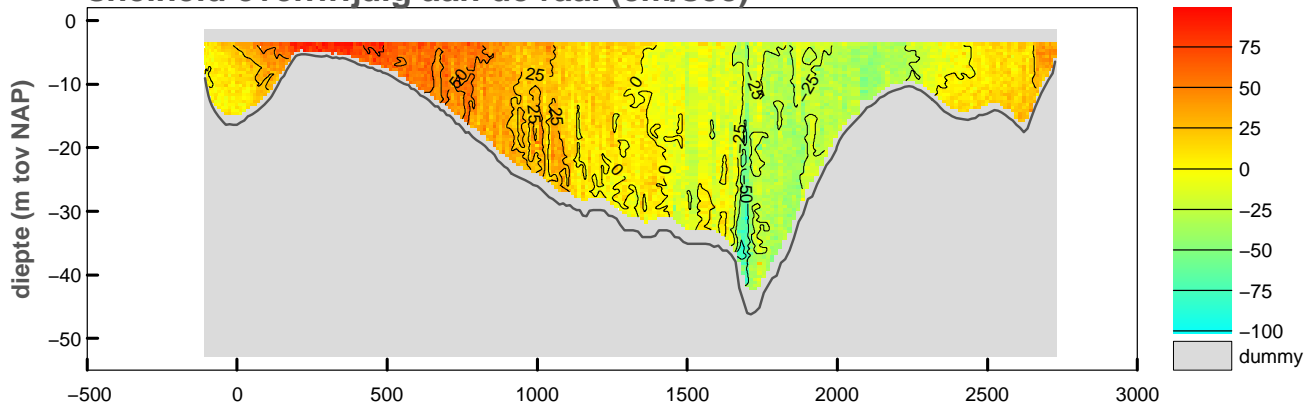
doorstroomoppervlak : -54274 m<sup>2</sup>

raaidebiet : 40240 m<sup>3</sup>/sec

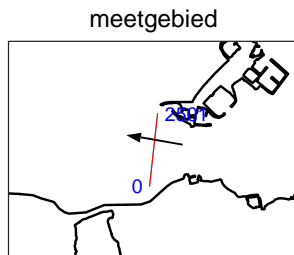
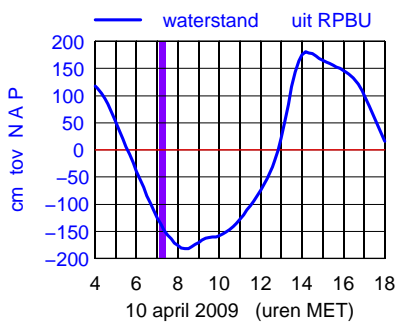
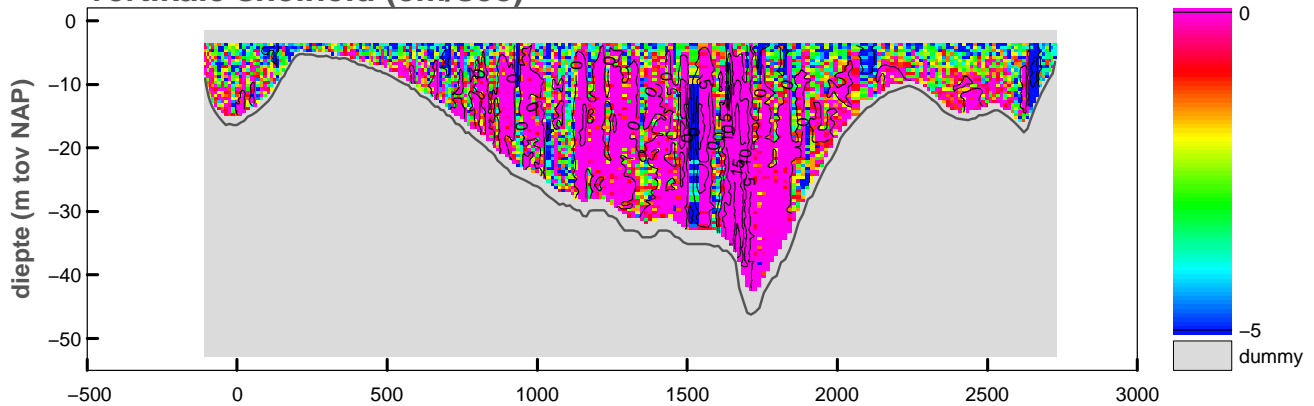
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

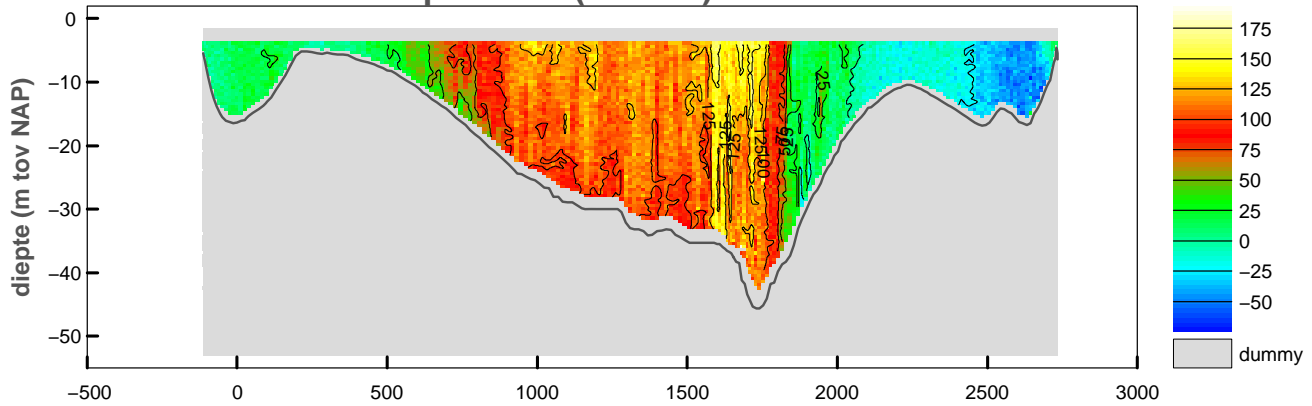


maximum gemiddelde stroom-  
 snelheid in de vertikaal

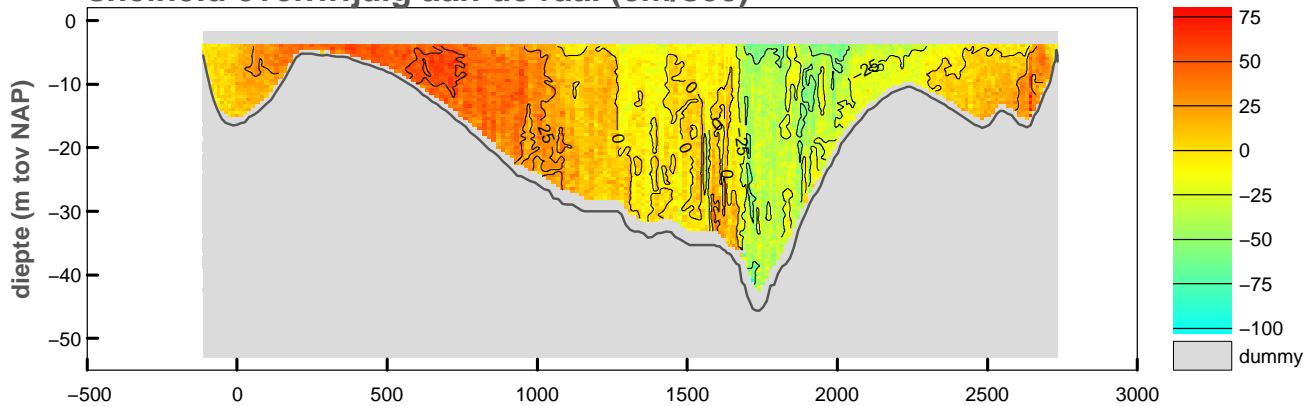
afstand uit nulpunt : 1604 m  
 stroomsnelheid : 157 cm/sec  
 stroomrichting : 279°

doorstroomoppervlak : -53607 m<sup>2</sup>  
 raaidebiet : 38394 m<sup>3</sup>/sec

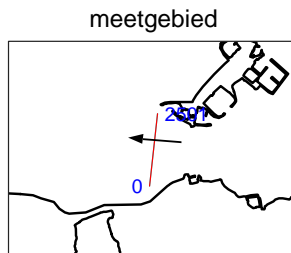
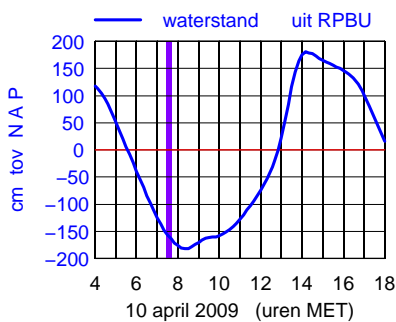
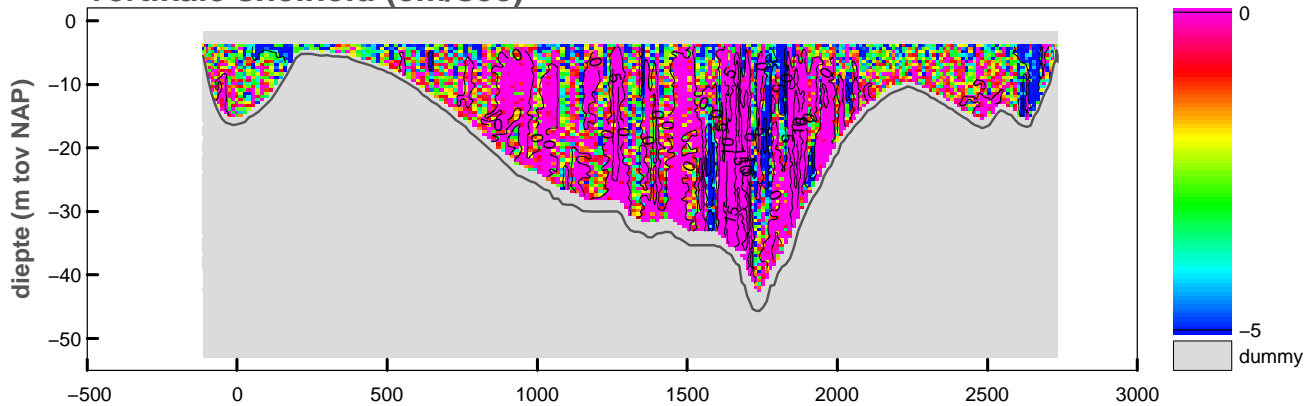
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 1599 m

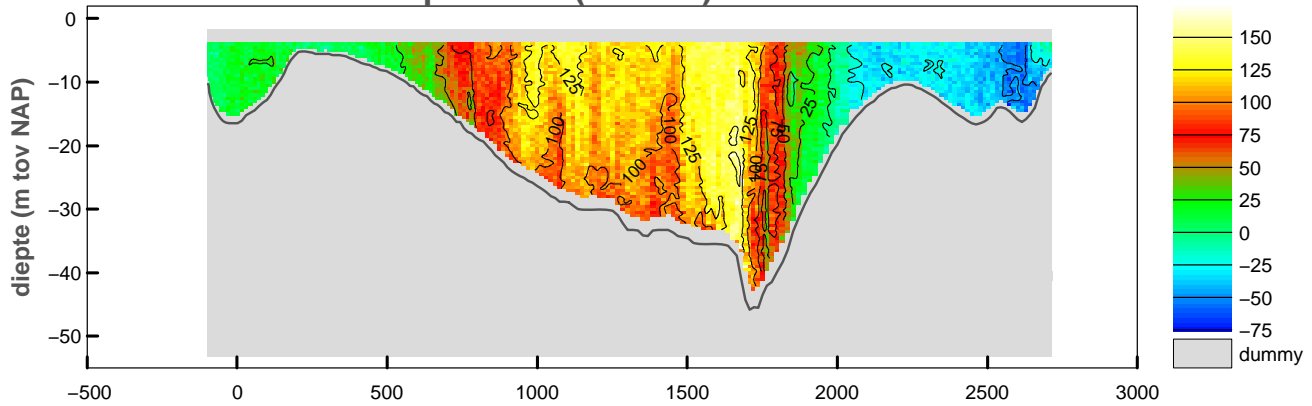
stroomsnelheid : 147 cm/sec

stroomrichting : 275 °

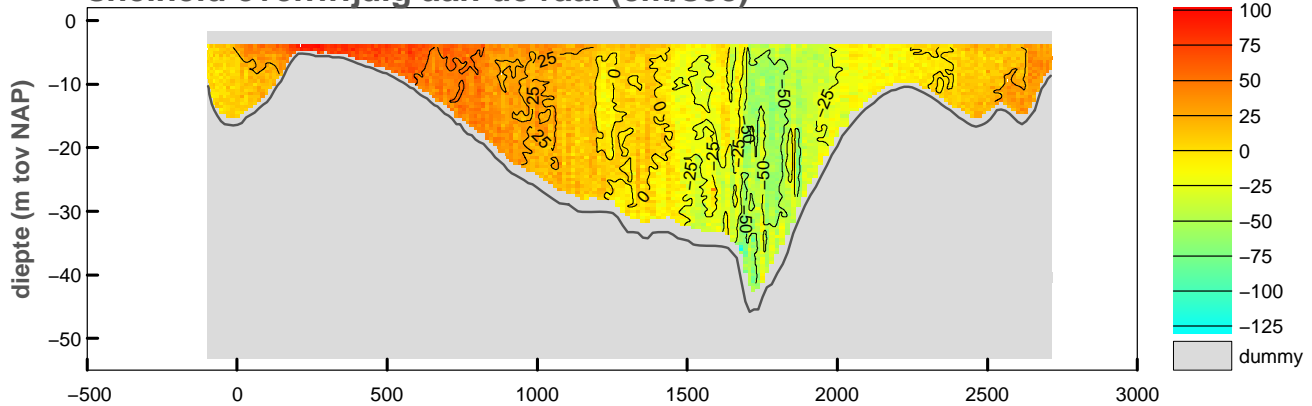
doorstroomoppervlak : -53066 m<sup>2</sup>

raaidebiet : 35445 m<sup>3</sup>/sec

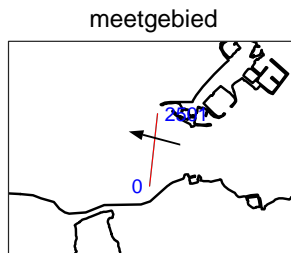
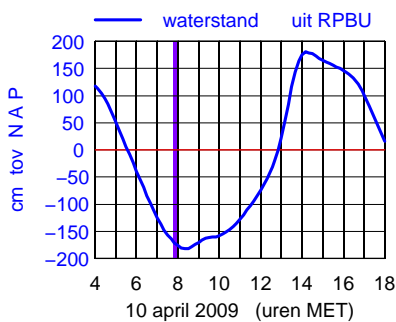
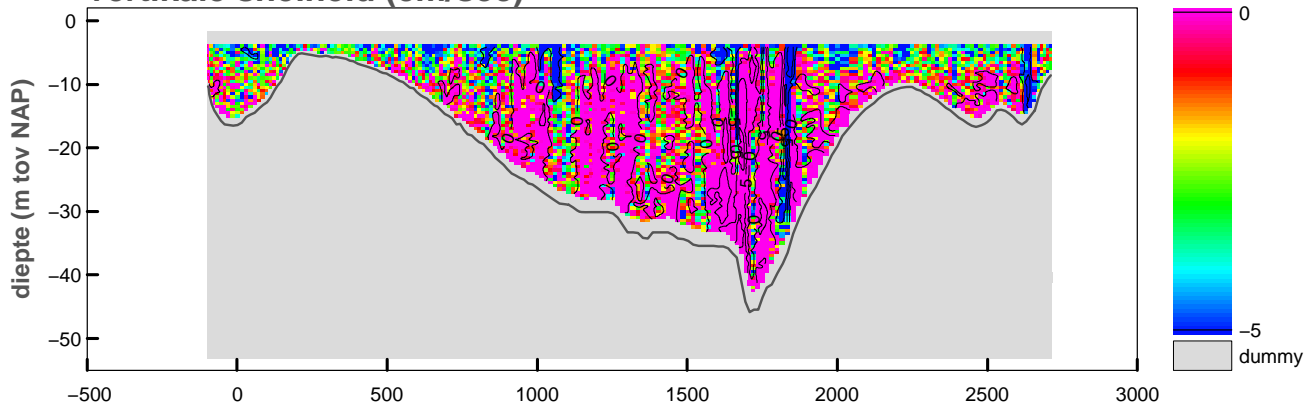
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

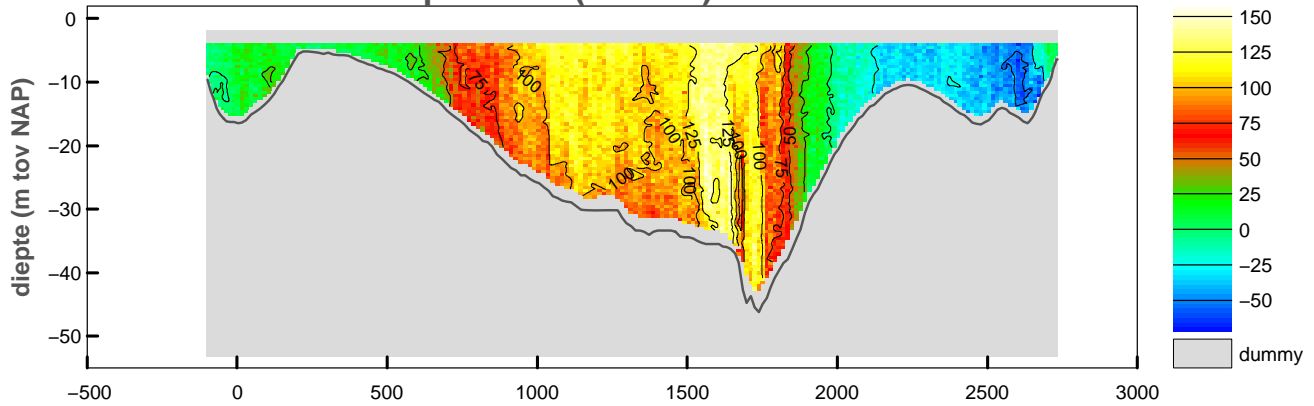


maximum gemiddelde stroom-  
 snelheid in de vertikaal

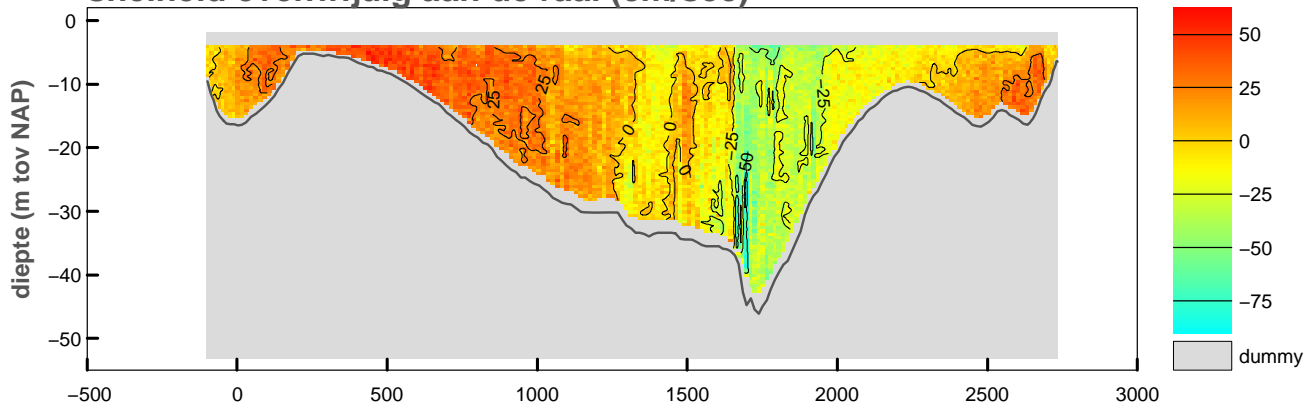
afstand uit nulpunt : 1665 m  
 stroomsnelheid : 146 cm/sec  
 stroomrichting : 284°

doorstroomoppervlak : -52346 m<sup>2</sup>  
 raaidebiet : 33985 m<sup>3</sup>/sec

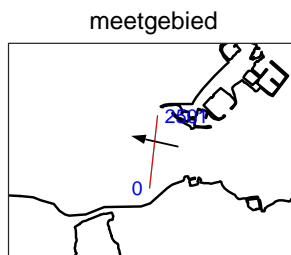
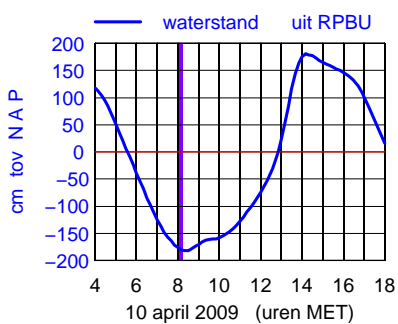
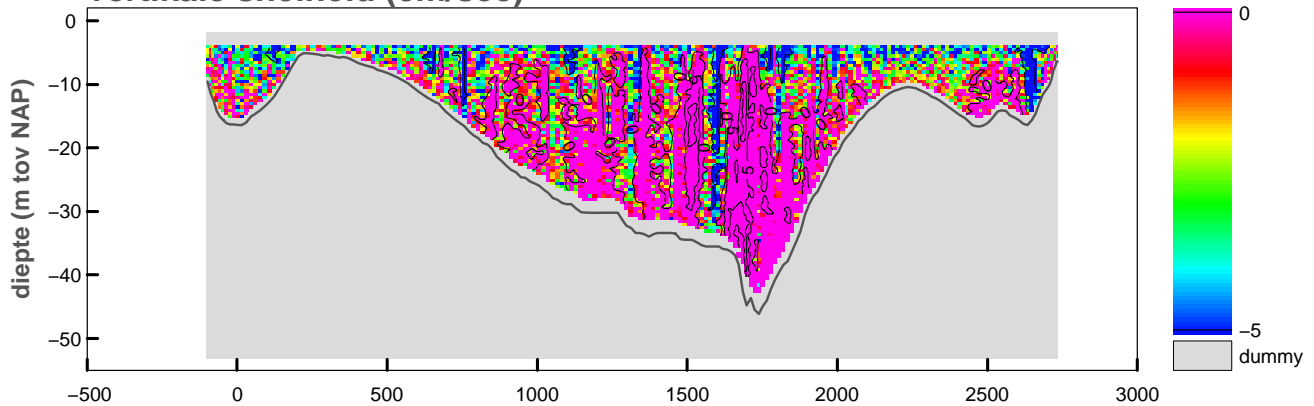
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)

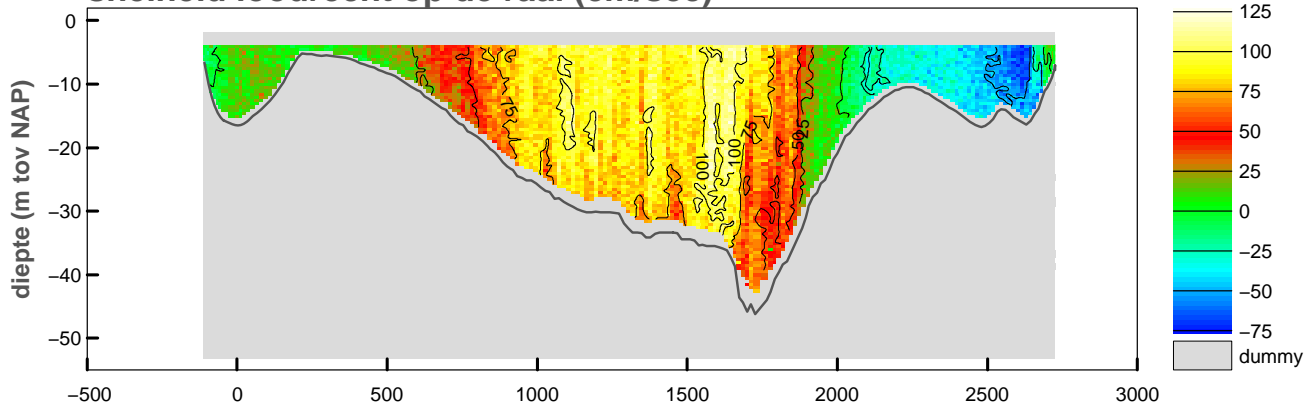


maximum gemiddelde stroom-  
snelheid in de vertikaal

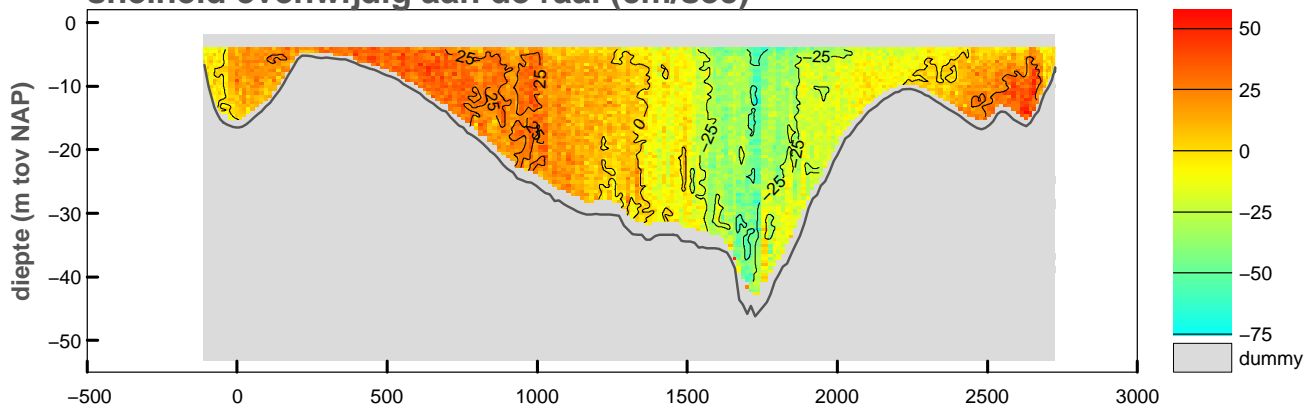
afstand uit nulpunt : 1618 m  
stroomsnelheid : 134 cm/sec  
stroomrichting : 282°

doorstroomoppervlak : -52495 m<sup>2</sup>  
raaidebiet : 32358 m<sup>3</sup>/sec

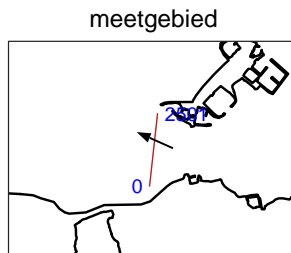
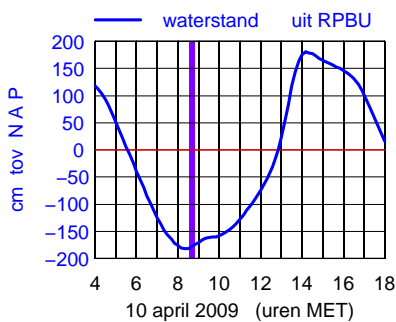
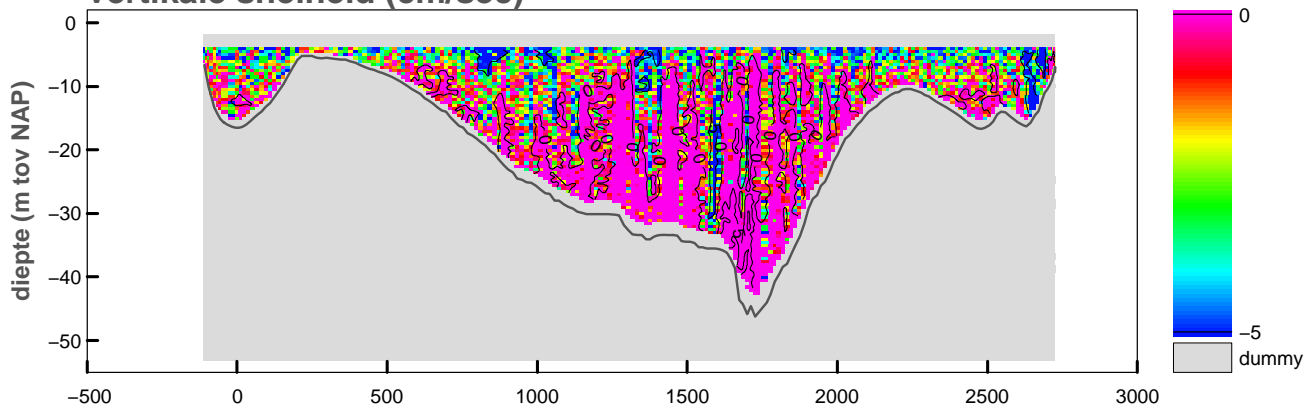
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1591 m

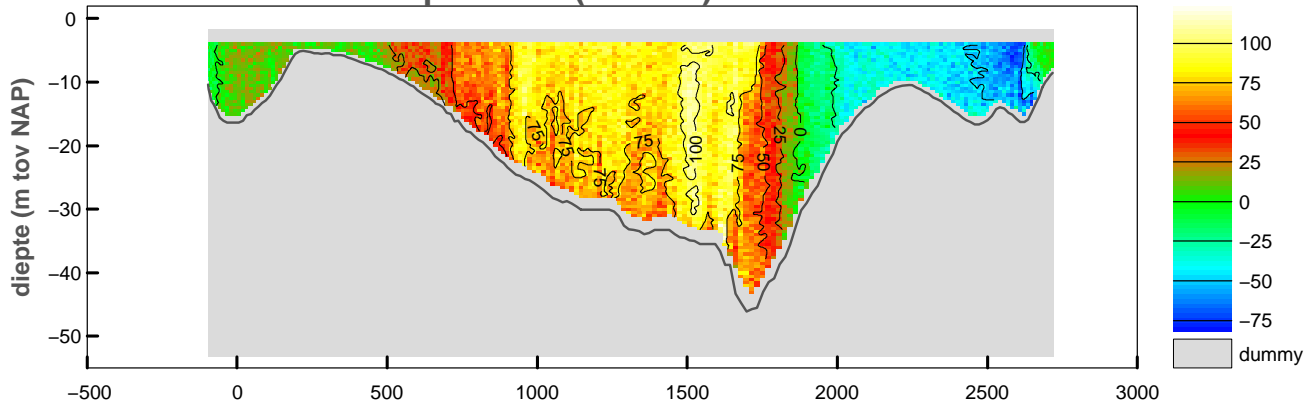
stroomsnelheid : 111 cm/sec

stroomrichting : 294°

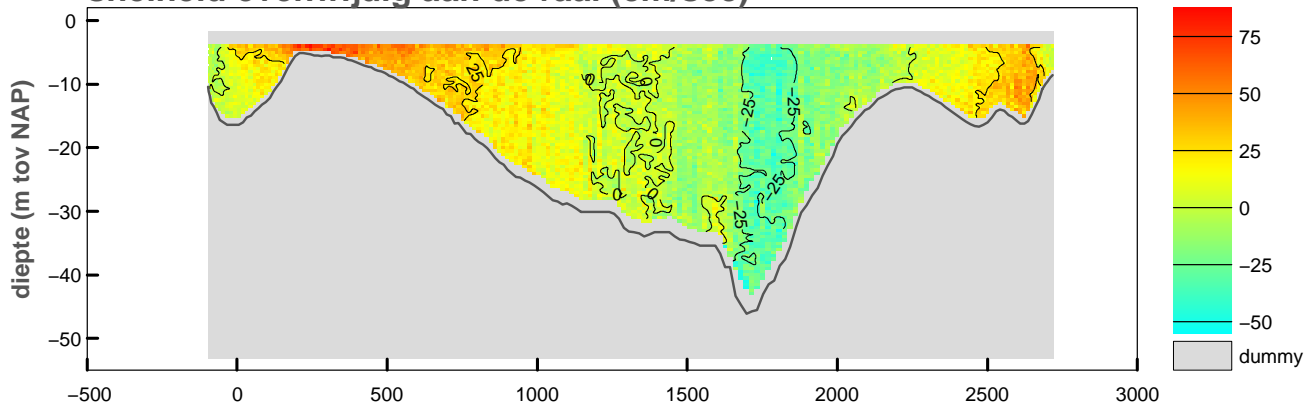
doorstroomoppervlak : -52765 m<sup>2</sup>

raaidebiet : 25766 m<sup>3</sup>/sec

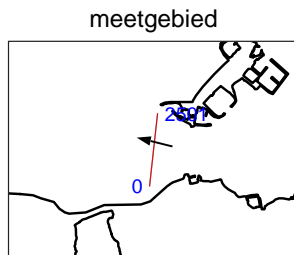
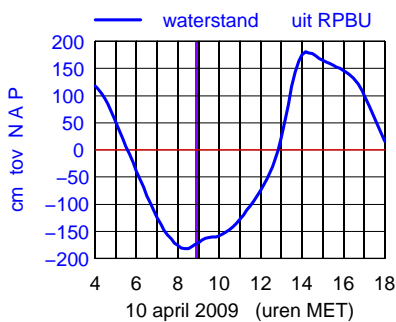
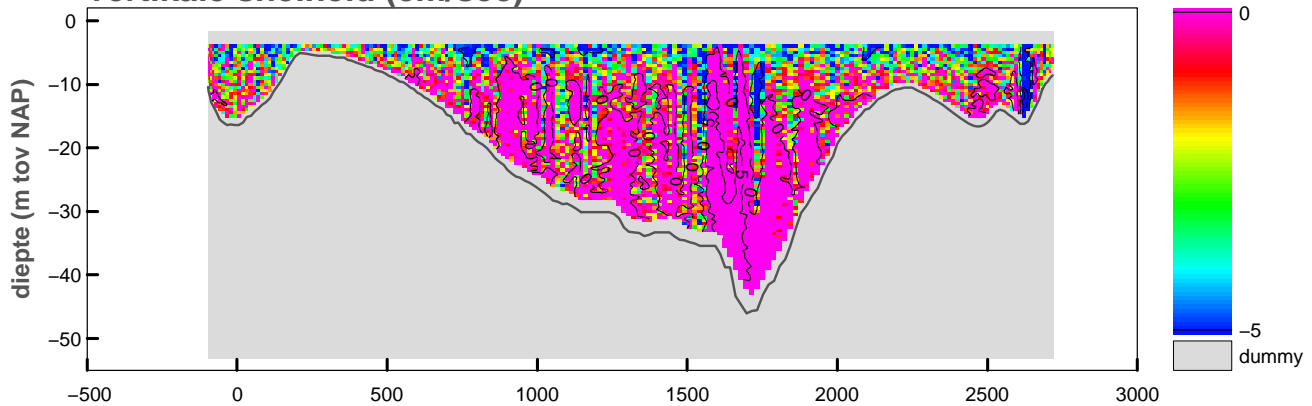
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



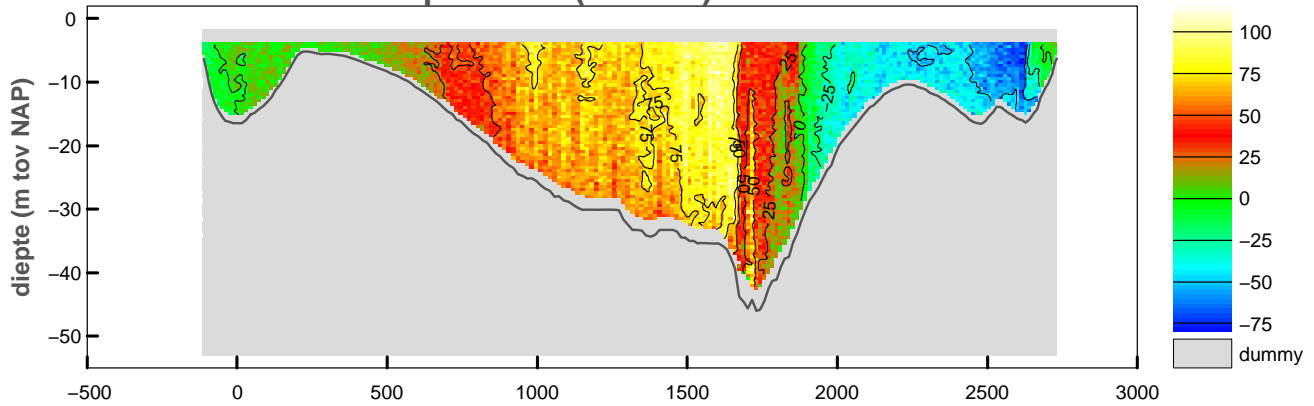
maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1525 m  
 stroomsnelheid : 102 cm/sec  
 stroomrichting : 284°

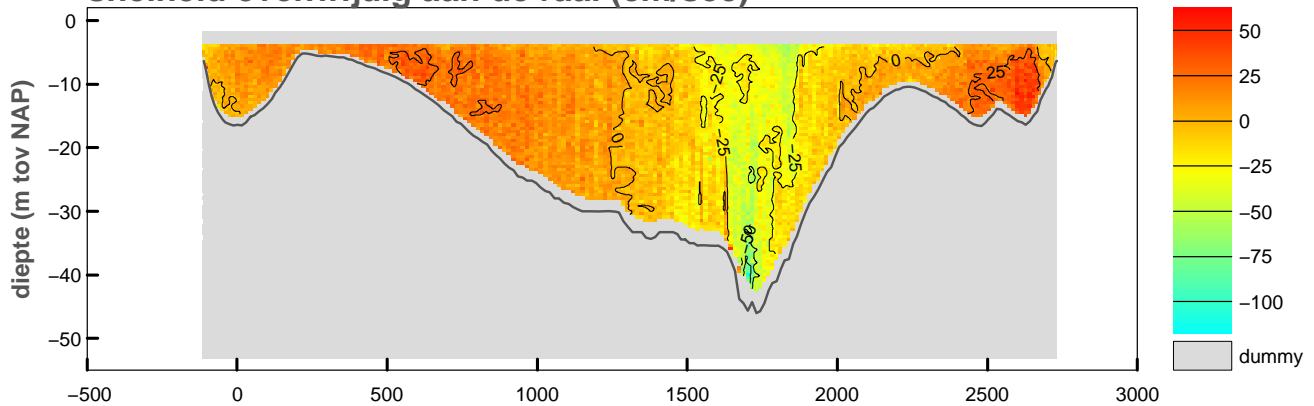
doorstroomoppervlak : -52763 m<sup>2</sup>  
 raaidebiet : 20877 m<sup>3</sup>/sec



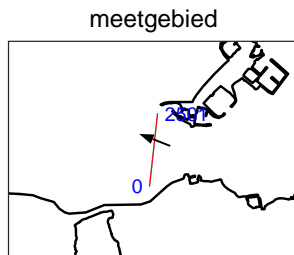
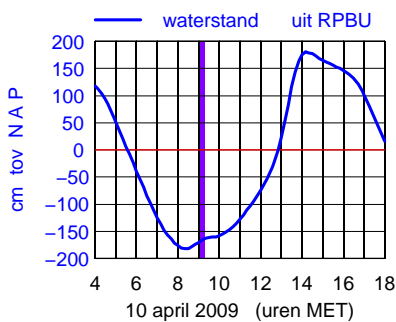
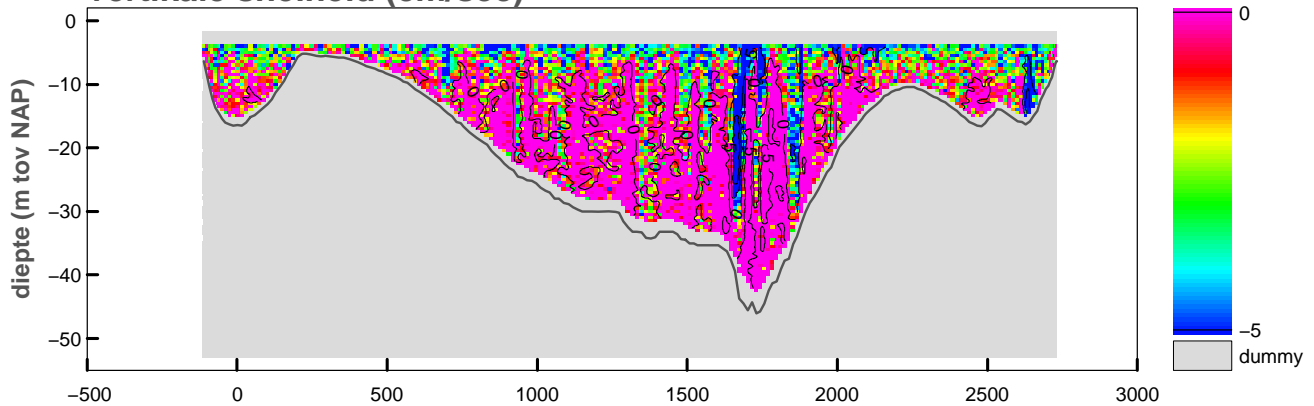
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1603 m

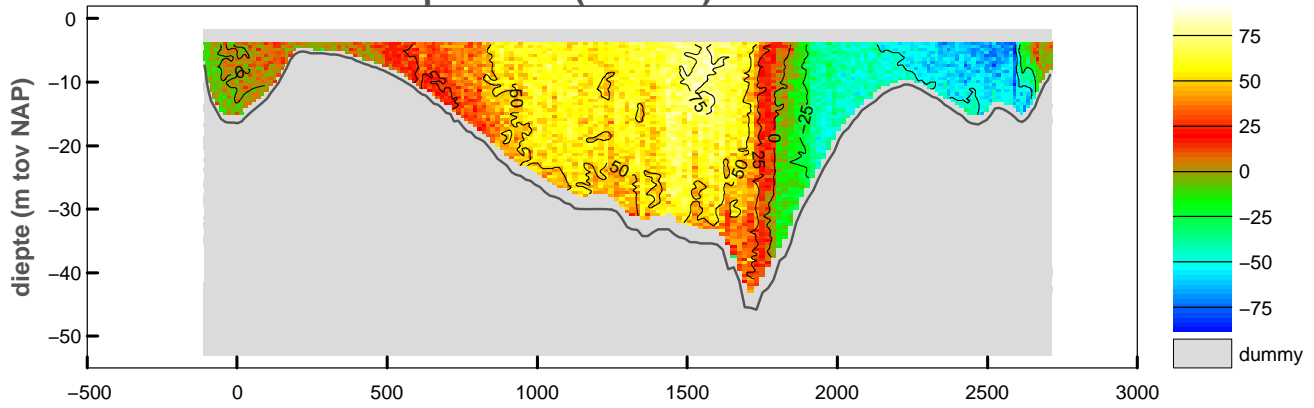
stroomsnelheid : 92 cm/sec

stroomrichting : 291°

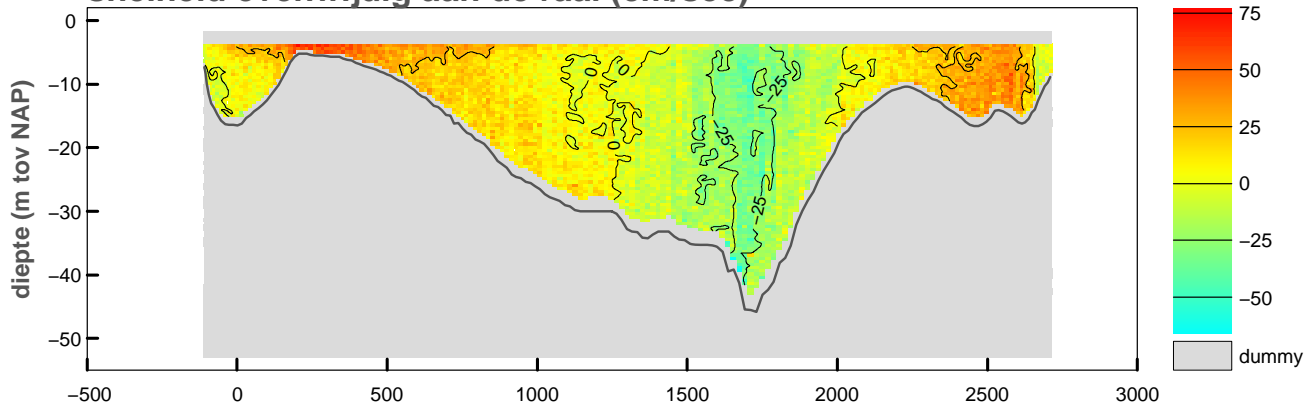
doorstroomoppervlak : -53054 m<sup>2</sup>

raaidebiet : 16609 m<sup>3</sup>/sec

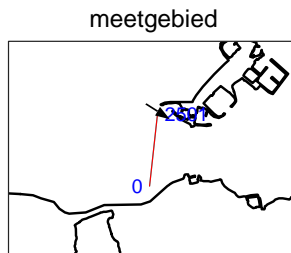
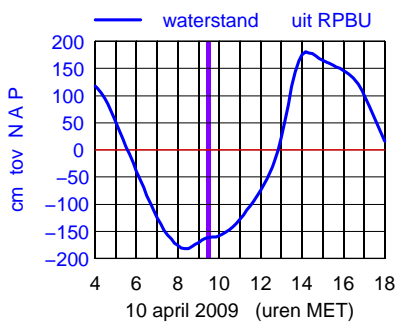
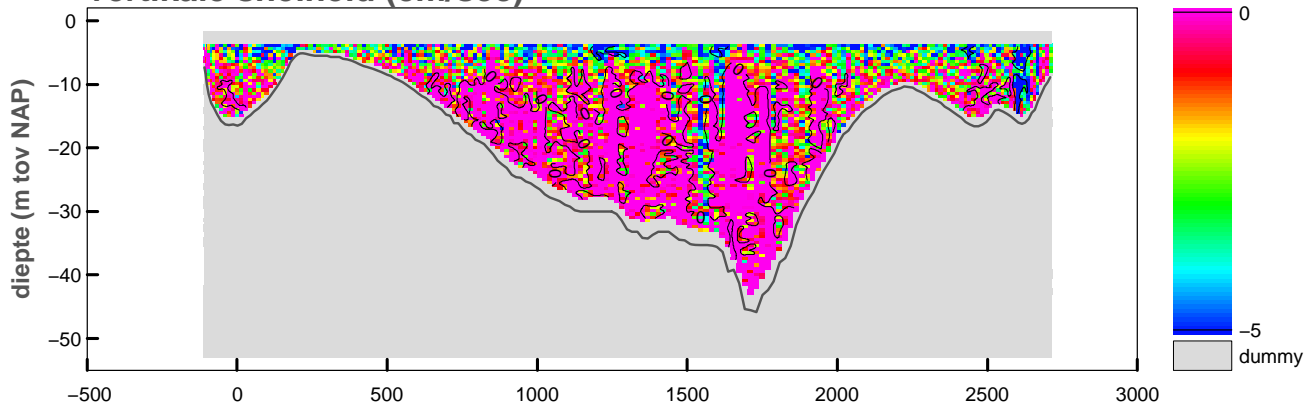
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 2591 m

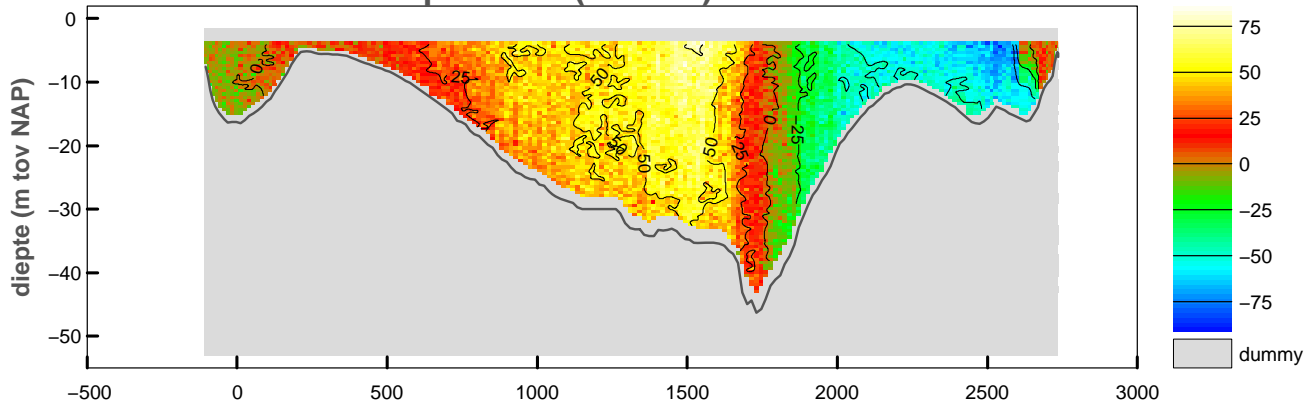
stroomsnelheid : 78 cm/sec

stroomrichting : 122°

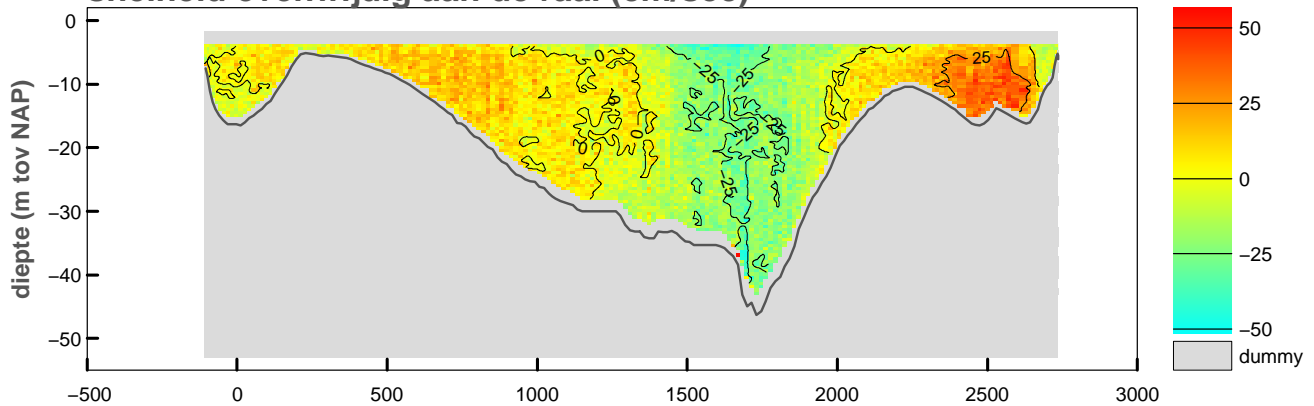
doorstroomoppervlak : -52927 m<sup>2</sup>

raaidebiet : 11175 m<sup>3</sup>/sec

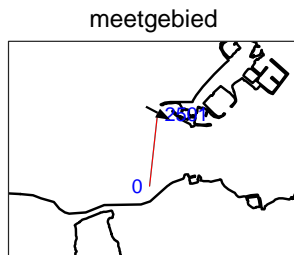
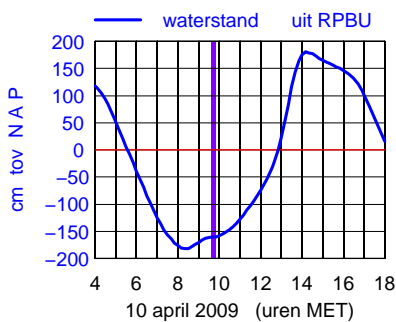
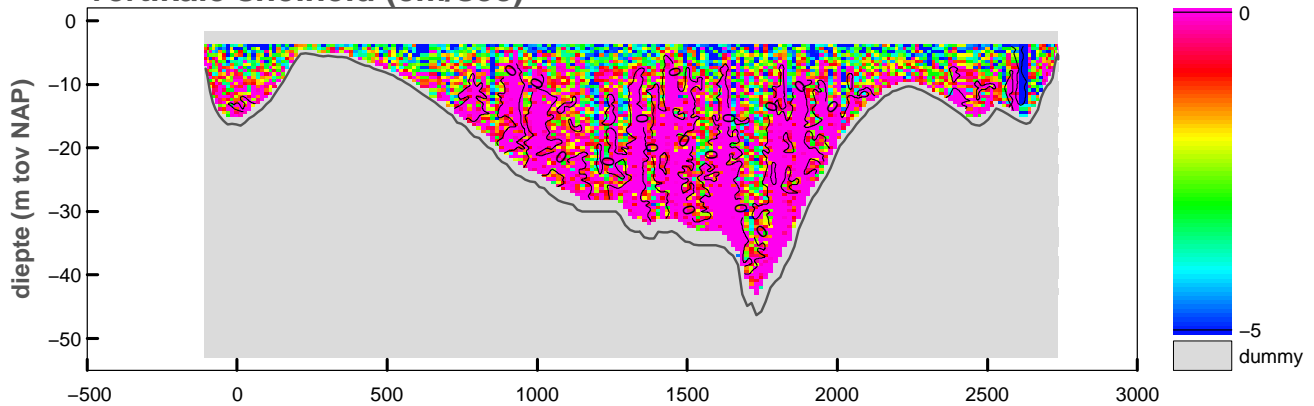
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

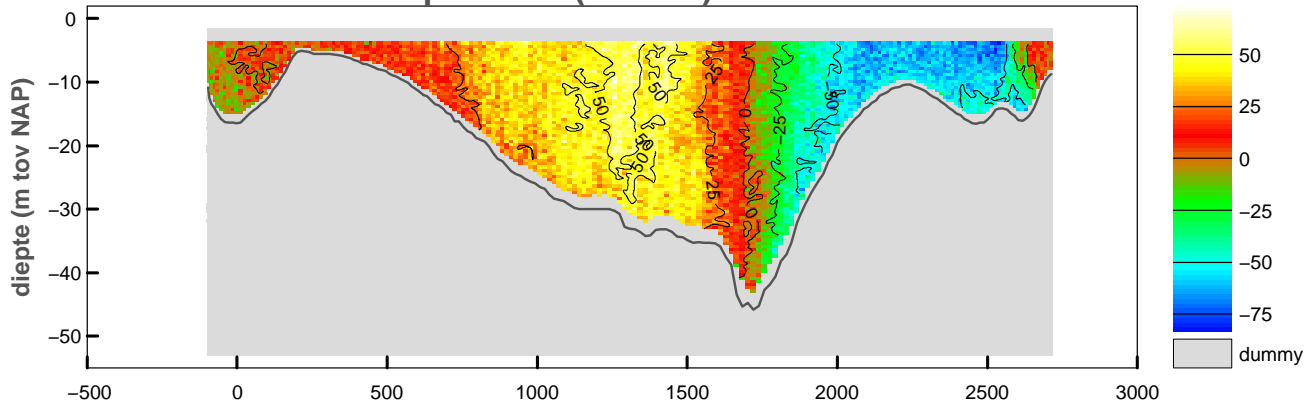


maximum gemiddelde stroom-  
 snelheid in de vertikaal

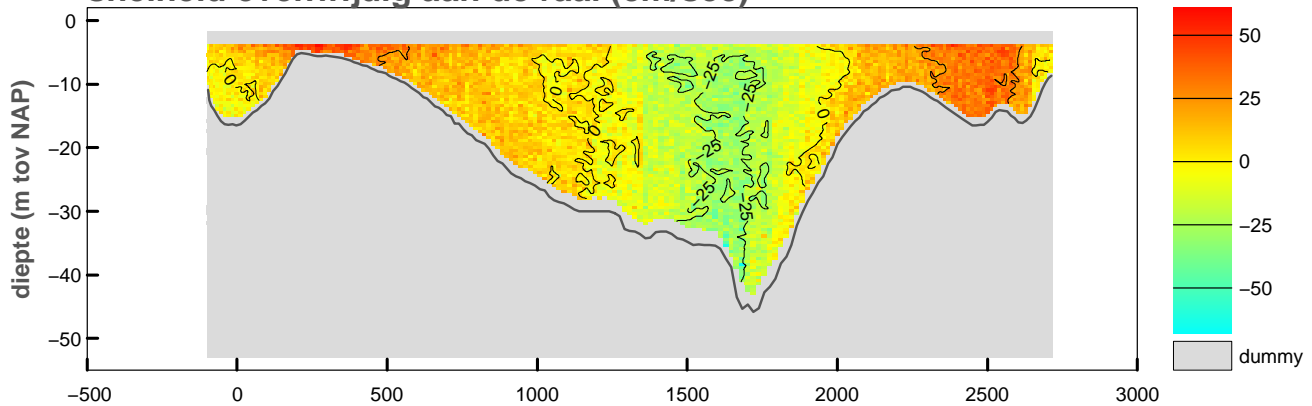
afstand uit nulpunt : 2529 m  
 stroomsnelheid : 76 cm/sec  
 stroomrichting : 118°

doorstroomoppervlak : -53083 m<sup>2</sup>  
 raaidebiet : 7939 m<sup>3</sup>/sec

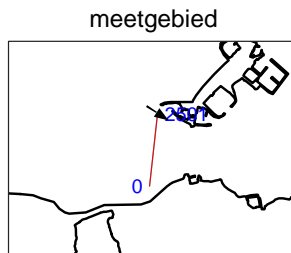
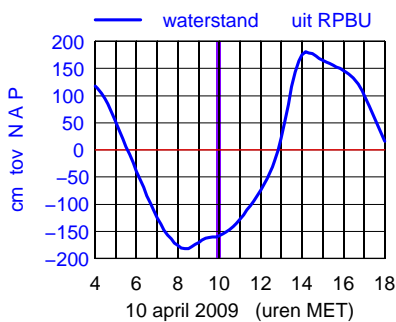
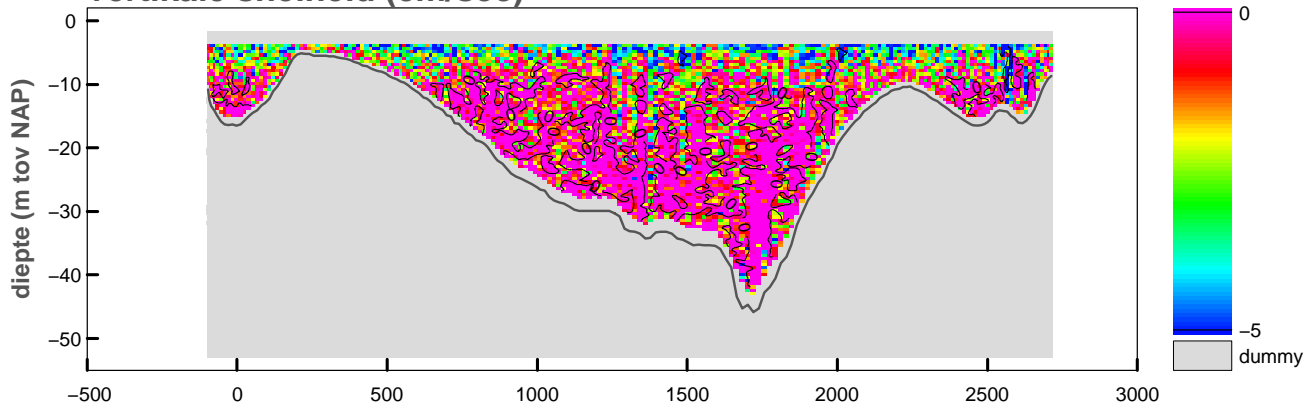
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

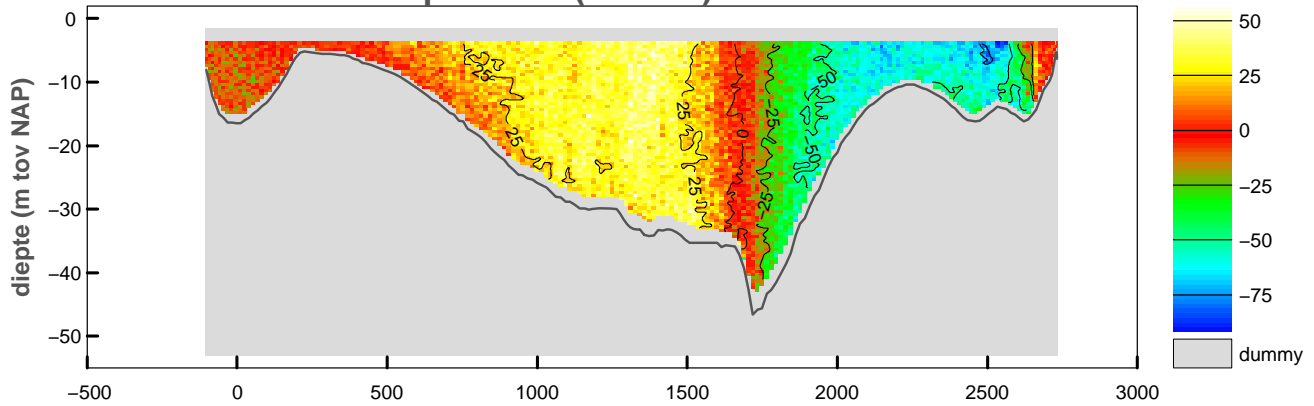


maximum gemiddelde stroom-  
 snelheid in de vertikaal

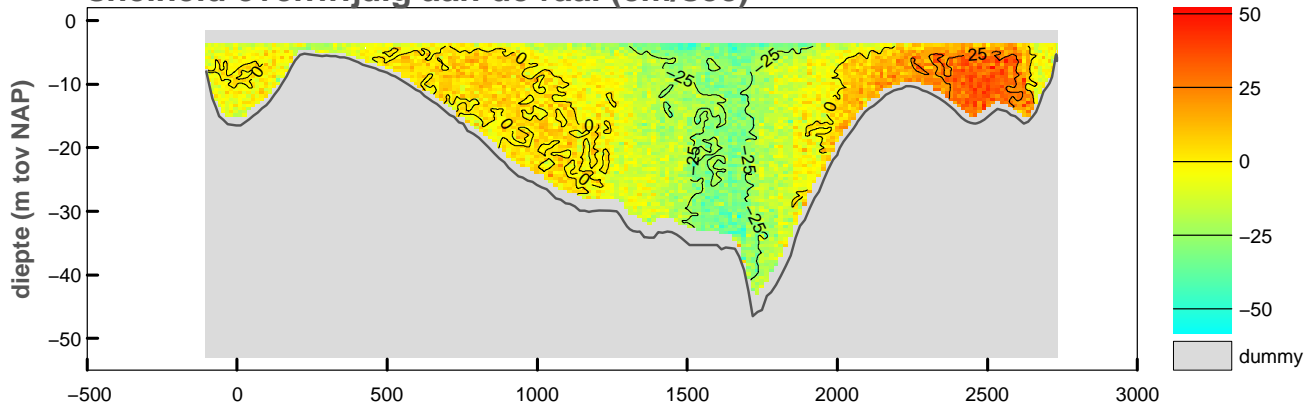
afstand uit nulpunt : 2527 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 123°

doorstroomoppervlak : -53019 m<sup>2</sup>  
 raaidebiet : 3587 m<sup>3</sup>/sec

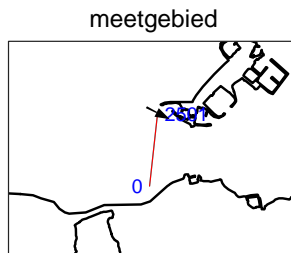
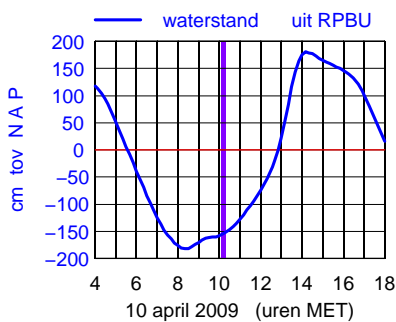
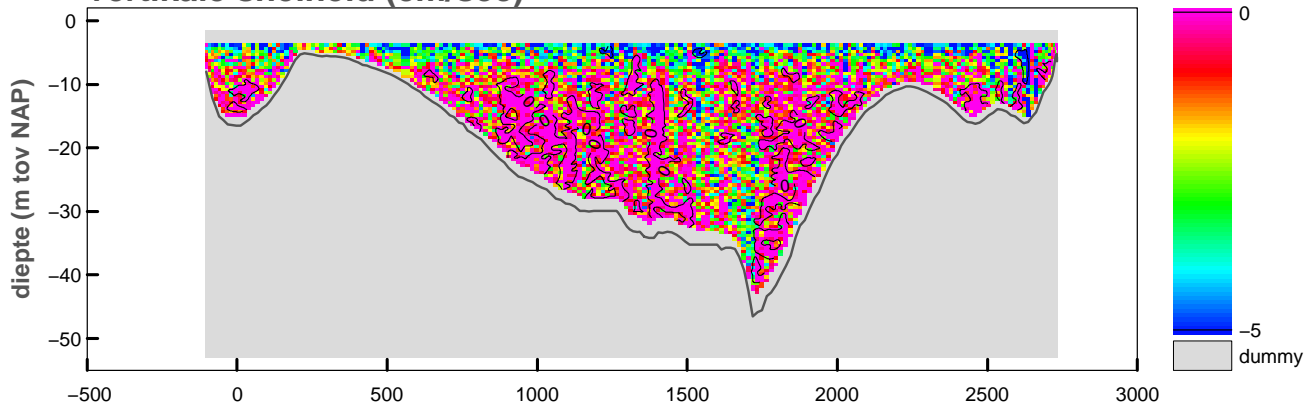
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

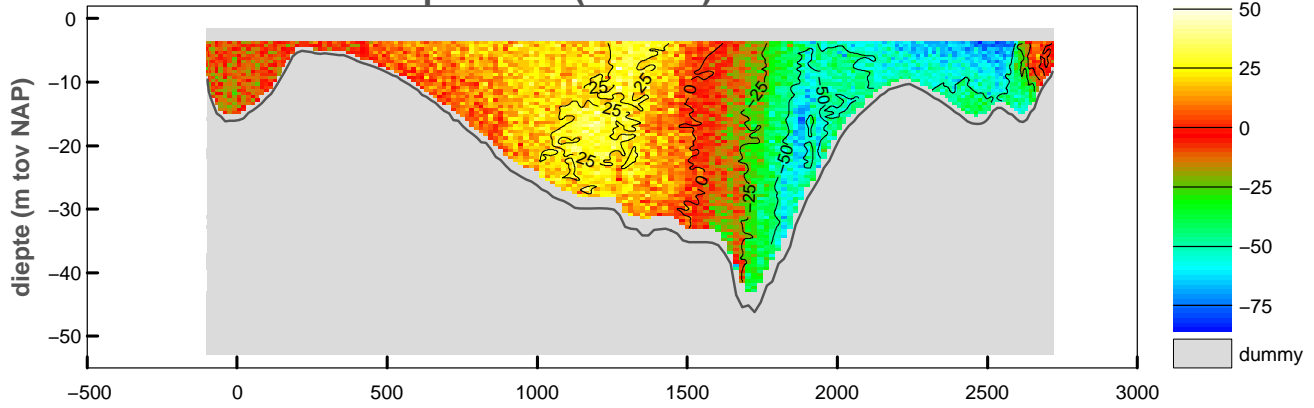


maximum gemiddelde stroom-  
 snelheid in de vertikaal

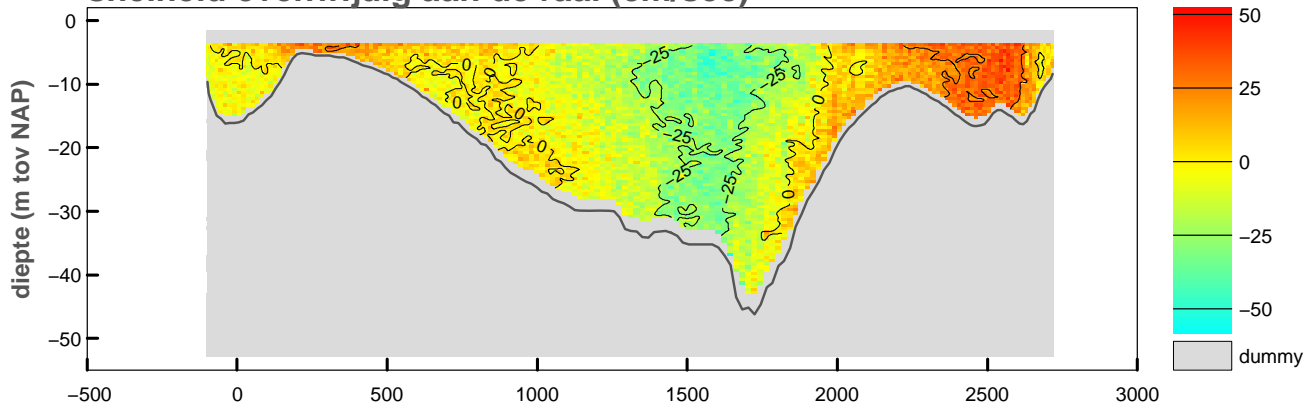
afstand uit nulpunt : 2533 m  
 stroomsnelheid : 72 cm/sec  
 stroomrichting : 117°

doorstroomoppervlak : -53020 m<sup>2</sup>  
 raaidebiet : -764 m<sup>3</sup>/sec

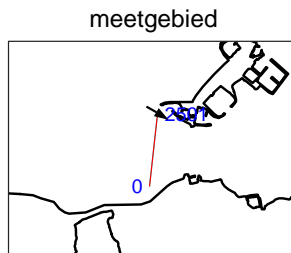
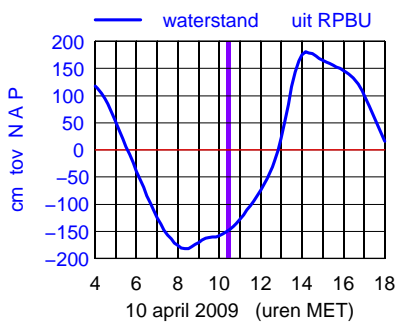
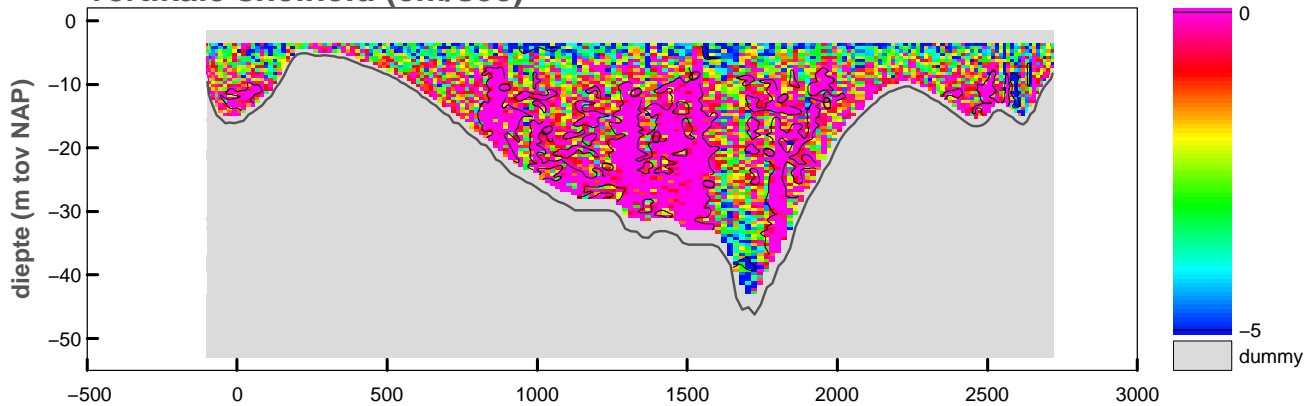
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 2532 m

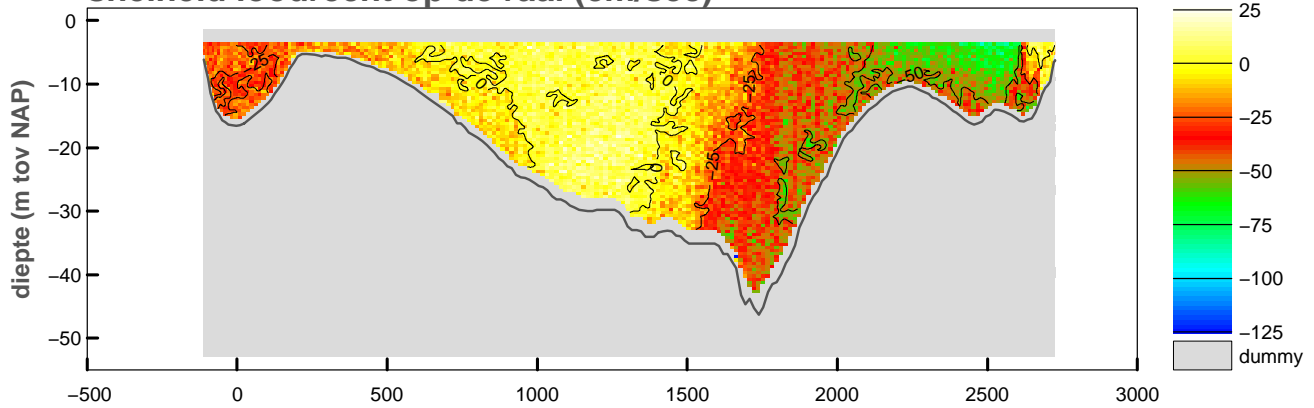
stroomsnelheid : 71 cm/sec

stroomrichting : 120°

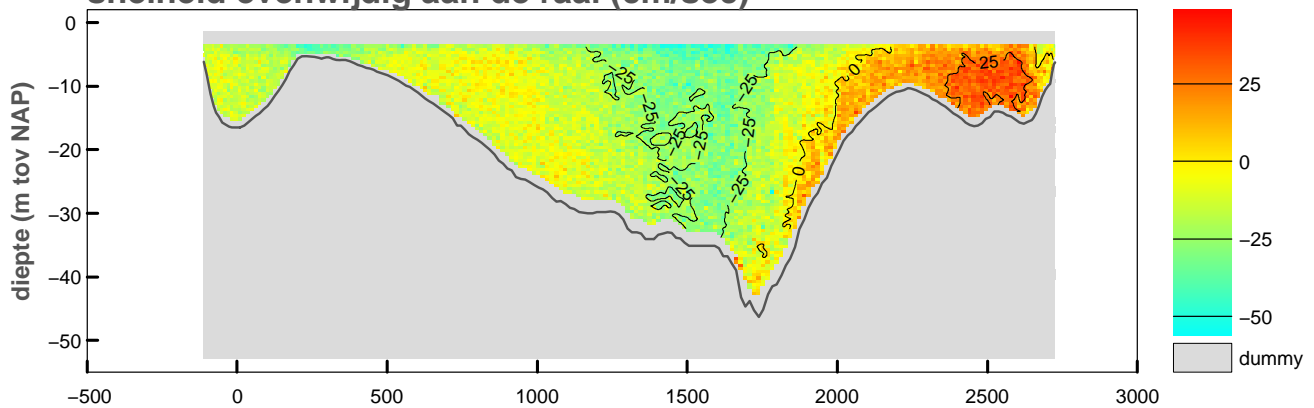
doorstroomoppervlak : -53272 m<sup>2</sup>

raaidebiet : -5409 m<sup>3</sup>/sec

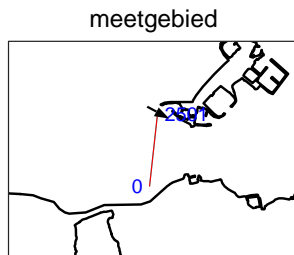
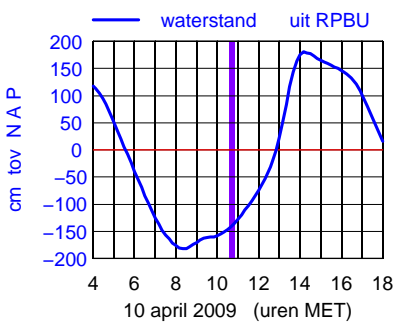
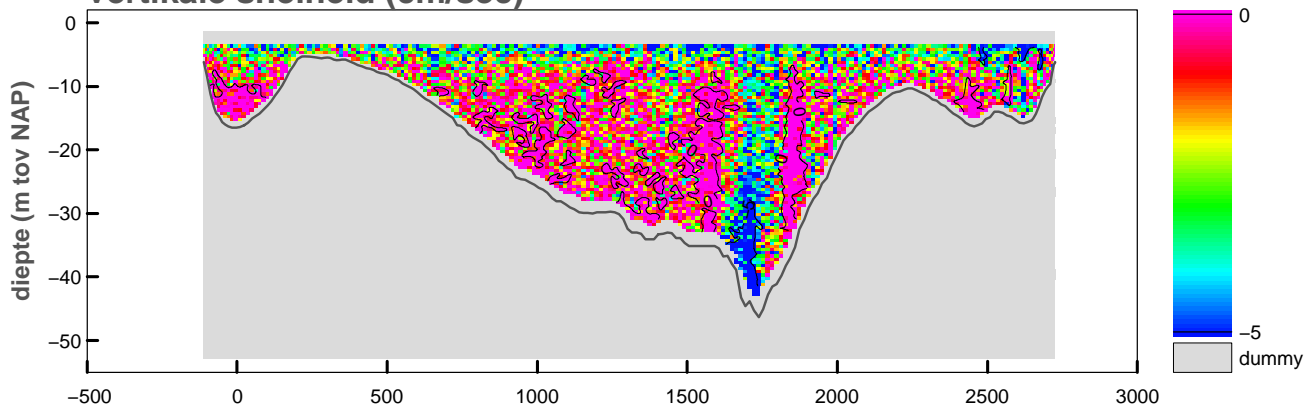
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

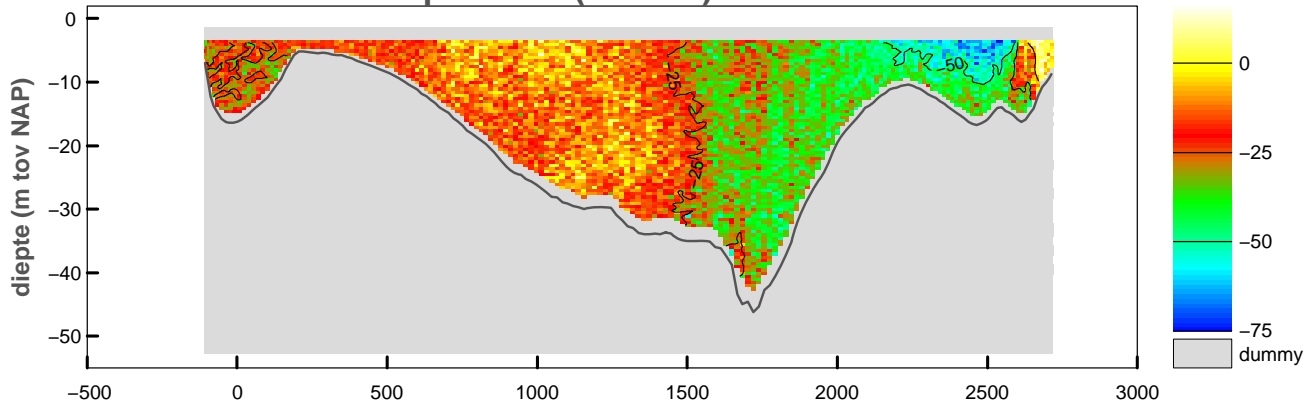


maximum gemiddelde stroom-  
 snelheid in de verticaleal

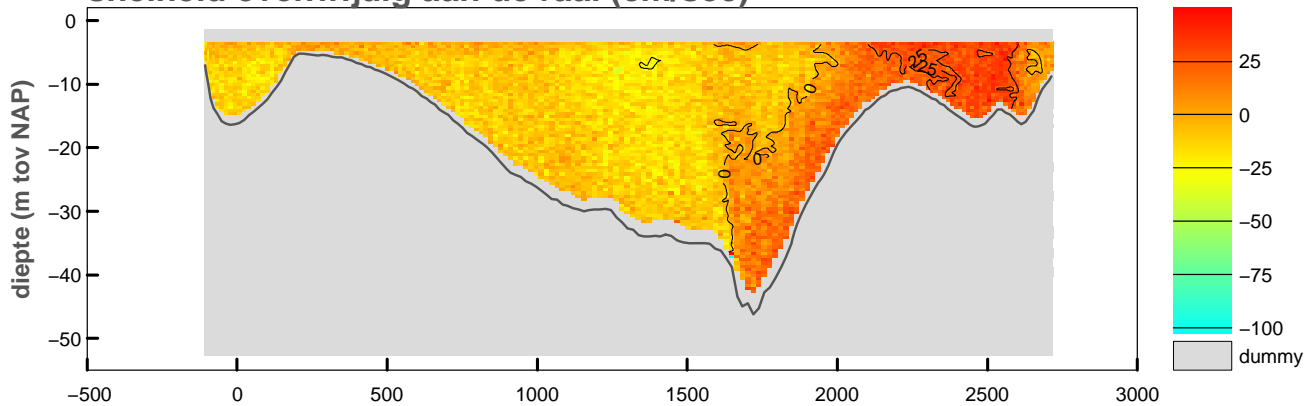
afstand uit nulpunt : 2551 m  
 stroomsnelheid : 69 cm/sec  
 stroomrichting : 118°

doorstroomoppervlak : -53614 m<sup>2</sup>  
 raaidebiet : -10358 m<sup>3</sup>/sec

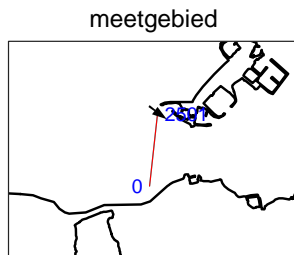
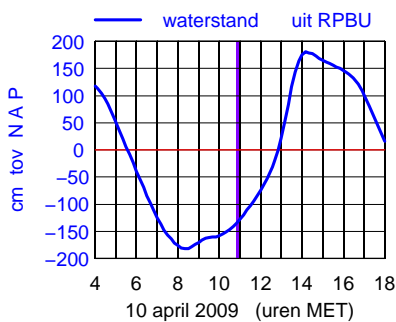
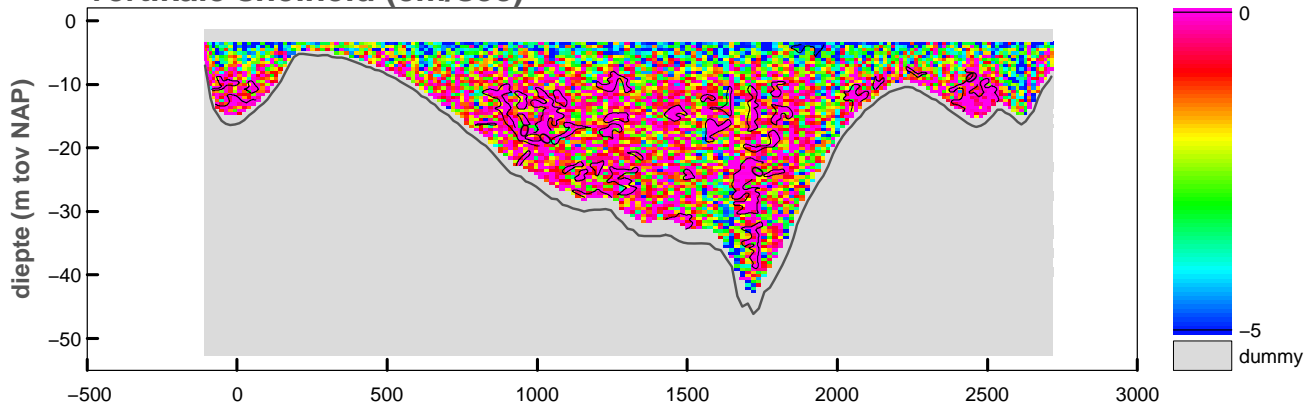
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



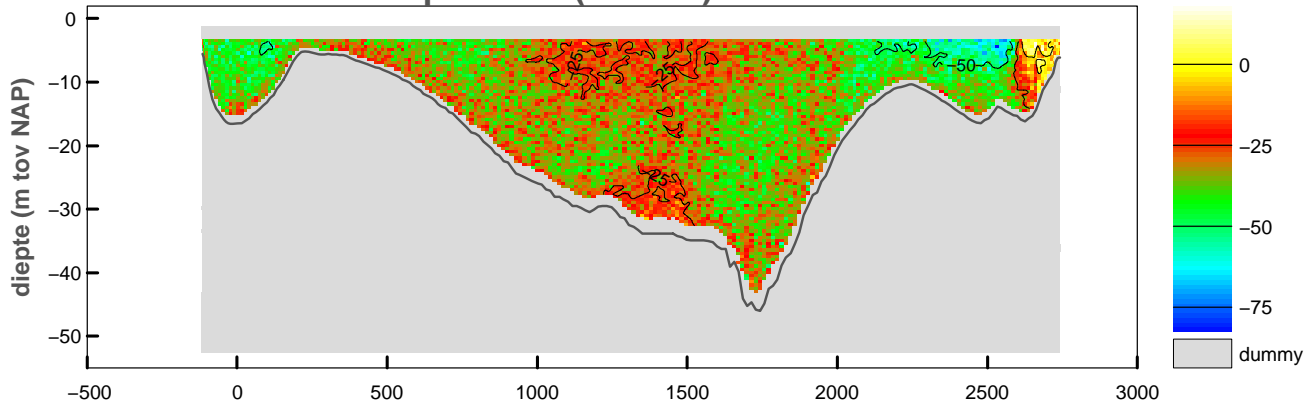
maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 2547 m  
 stroomsnelheid : 61 cm/sec  
 stroomrichting : 127°

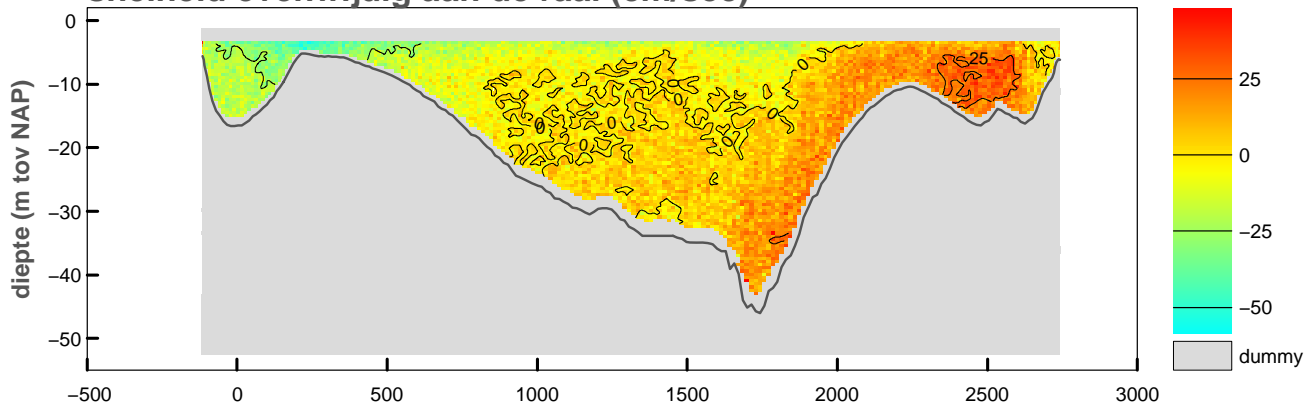
doorstroomoppervlak : -53847 m<sup>2</sup>  
 raaidebiet : -13068 m<sup>3</sup>/sec



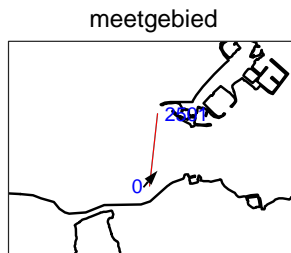
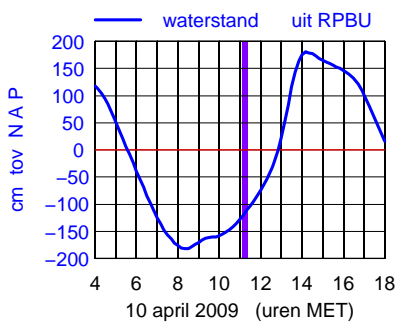
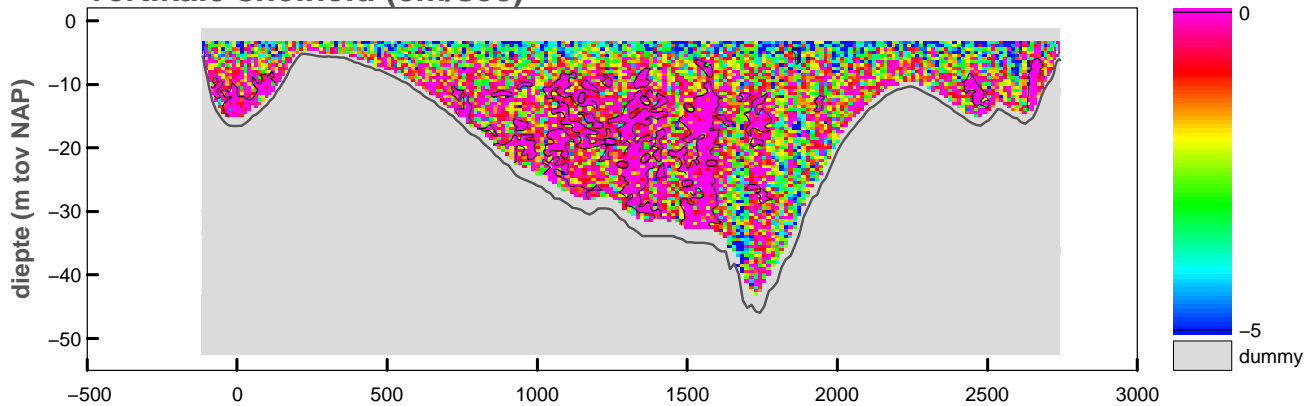
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de vertikaal

afstand uit nulpunt : 240 m

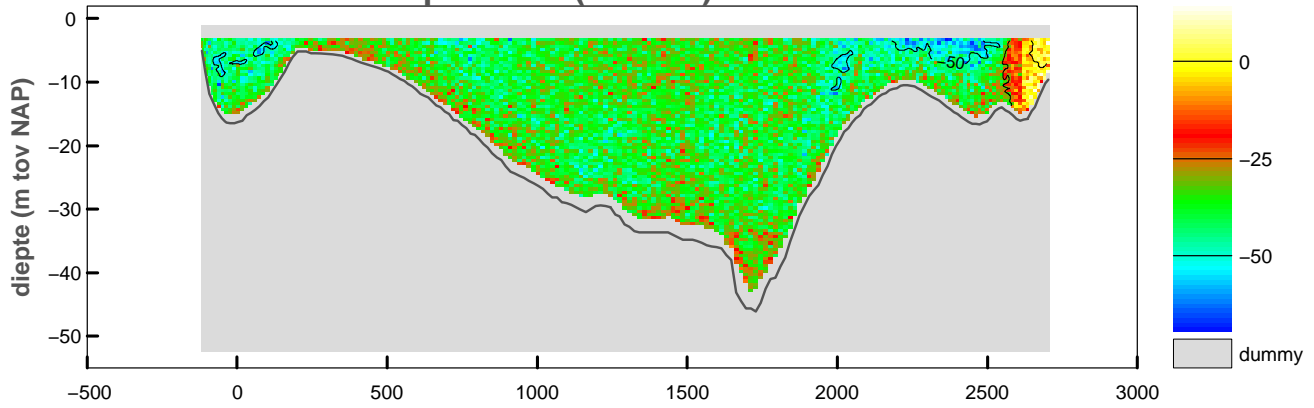
stroomsnelheid : 59 cm/sec

stroomrichting : 41°

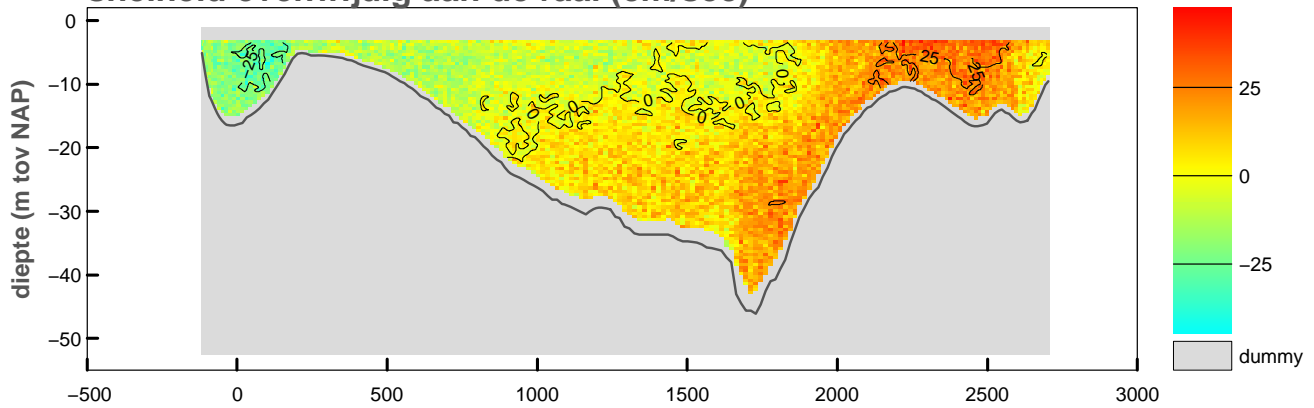
doorstroomoppervlak : -54655 m<sup>2</sup>

raaidebiet : -17913 m<sup>3</sup>/sec

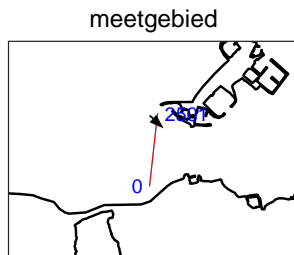
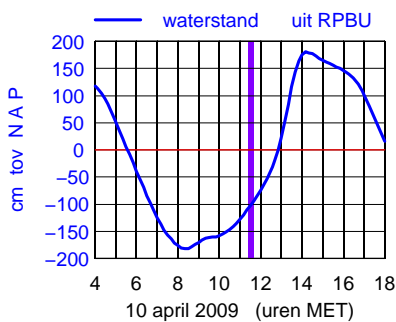
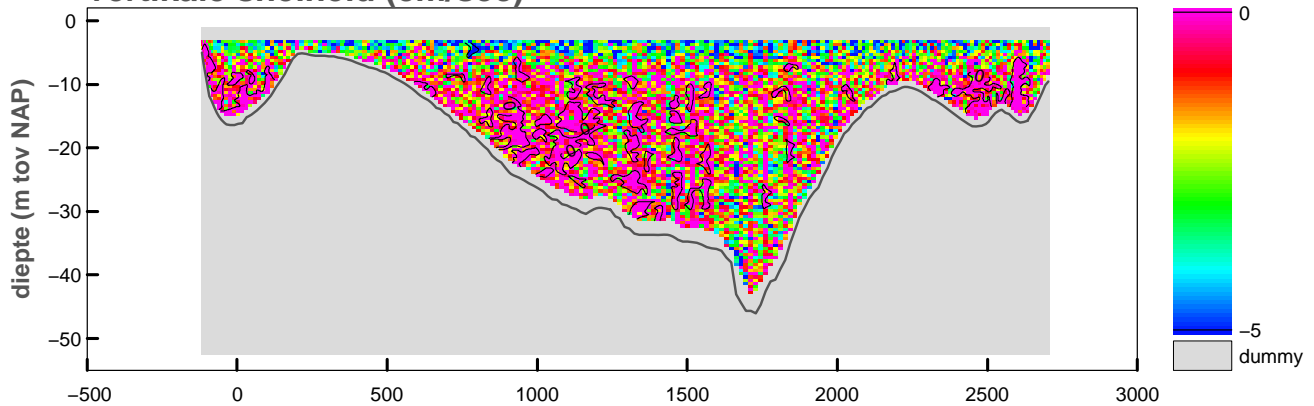
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 2222 m

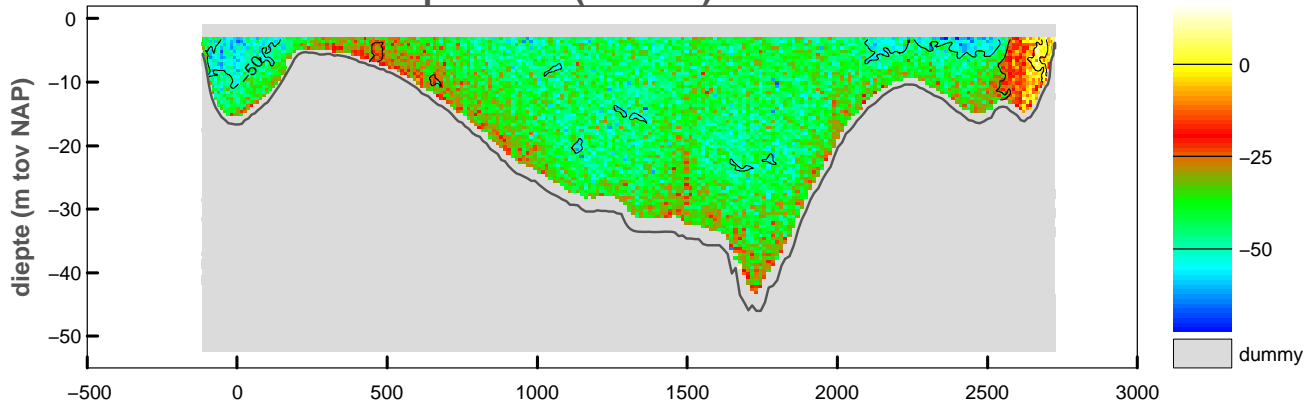
stroomsnelheid : 53 cm/sec

stroomrichting : 132°

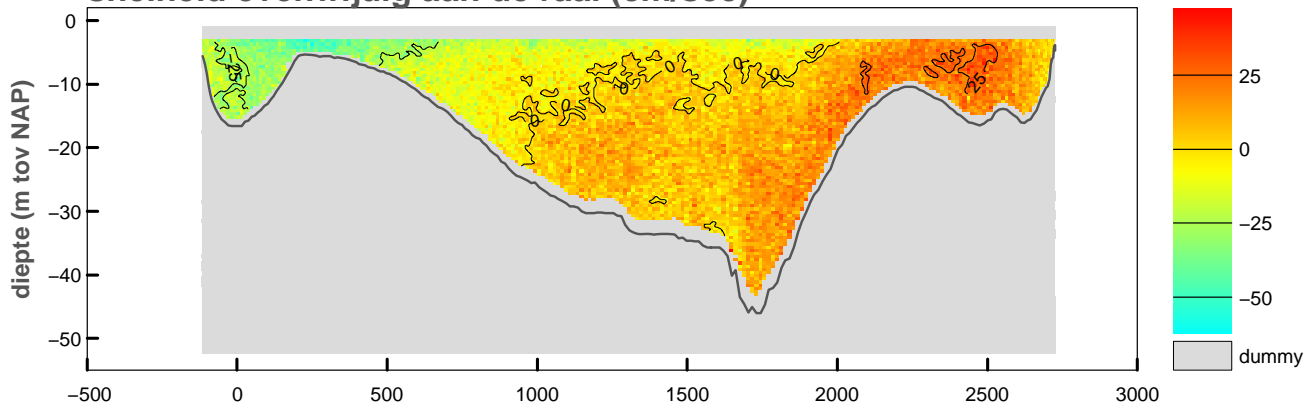
doorstroomoppervlak : -54720 m<sup>2</sup>

raaidebiet : -19717 m<sup>3</sup>/sec

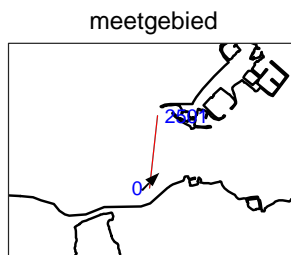
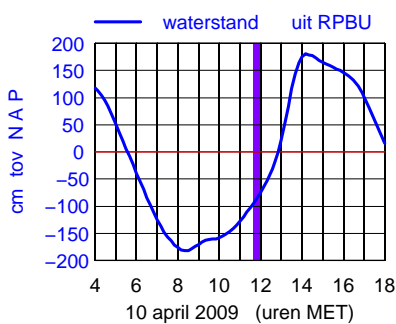
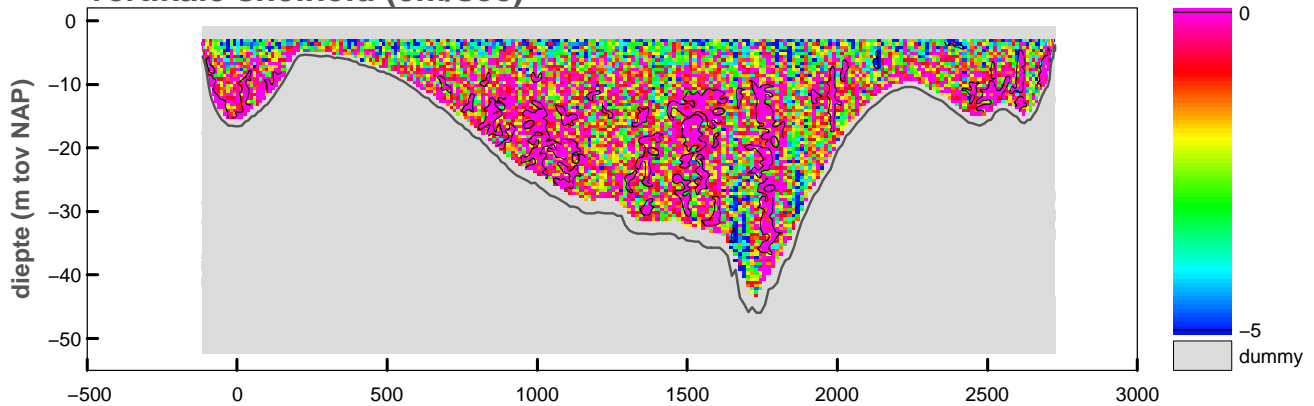
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

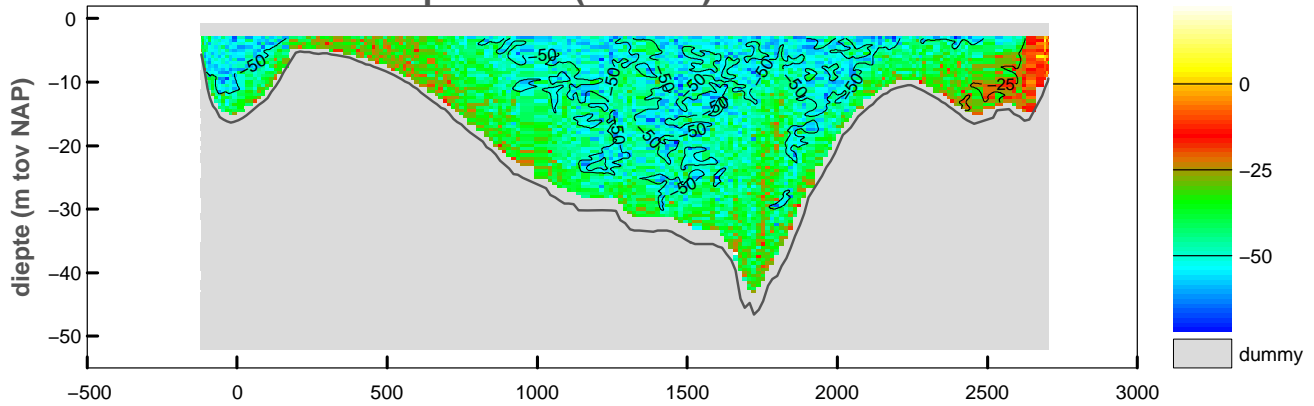


maximum gemiddelde stroom-  
 snelheid in de verticaleal

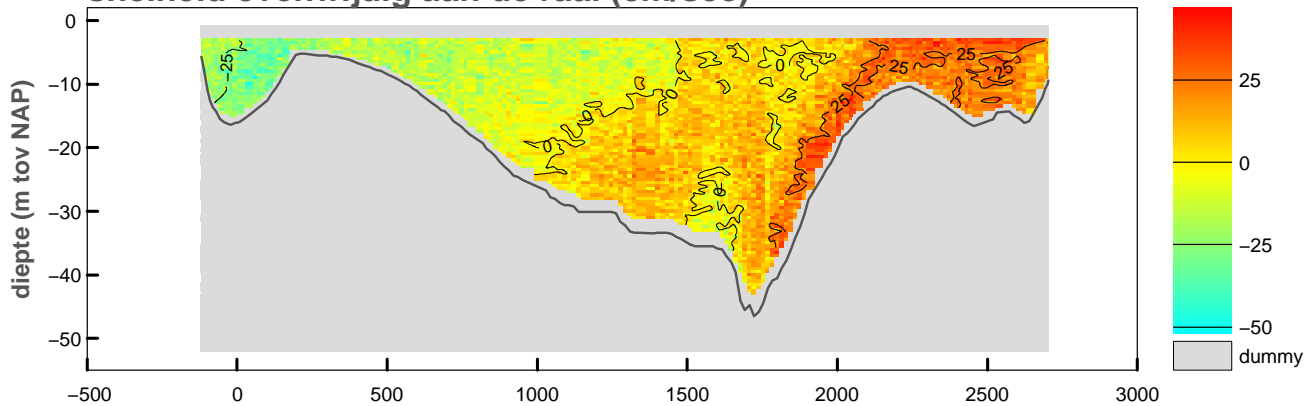
afstand uit nulpunt : 227 m  
 stroomsnelheid : 68 cm/sec  
 stroomrichting : 44°

doorstroomoppervlak : -55392 m<sup>2</sup>  
 raaidebiet : -21307 m<sup>3</sup>/sec

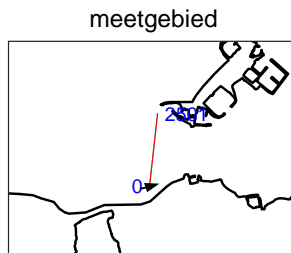
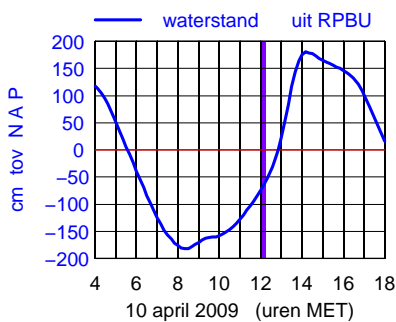
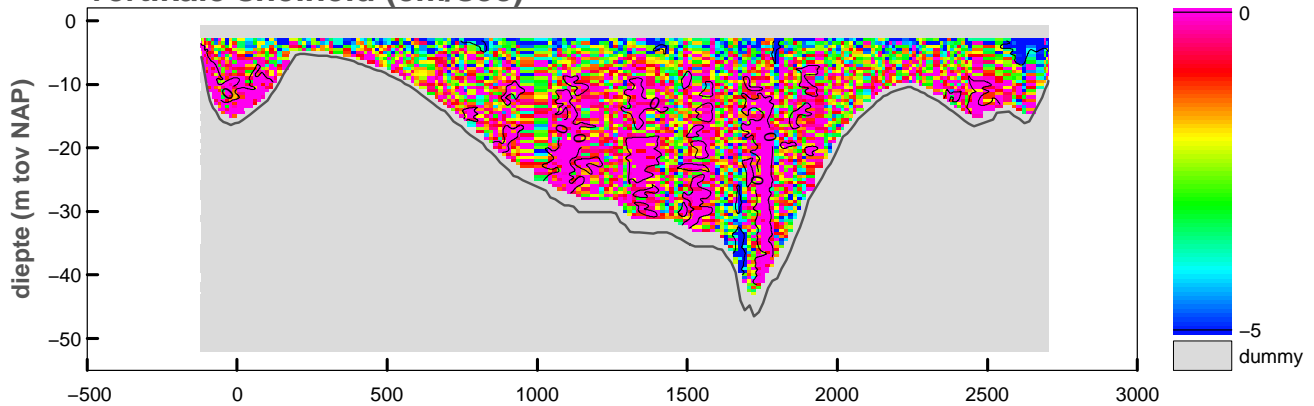
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

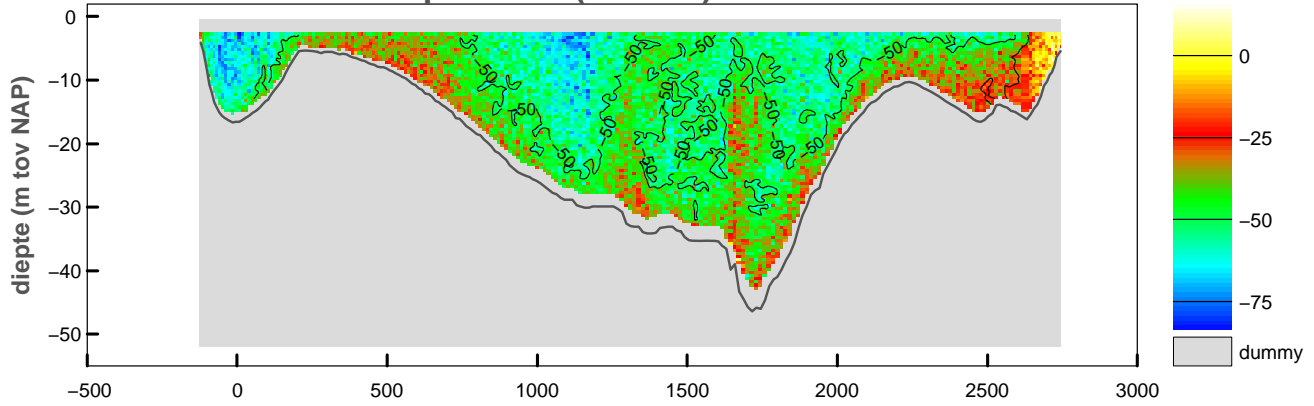


maximum gemiddelde stroom-  
 snelheid in de verticaleal

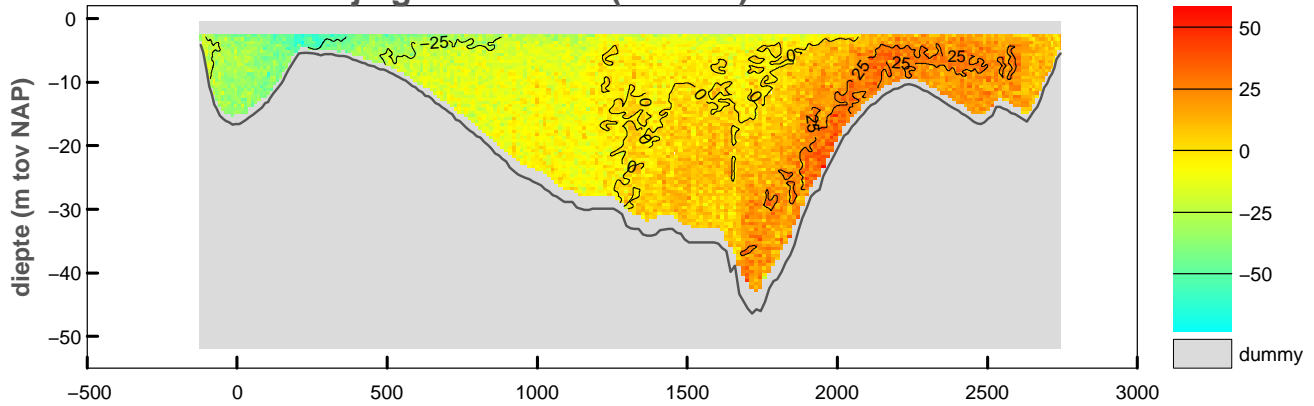
afstand uit nulpunt : -8 m  
 stroomsnelheid : 56 cm/sec  
 stroomrichting : 74°

doorstroomoppervlak : -55778 m<sup>2</sup>  
 raaidebiet : -23555 m<sup>3</sup>/sec

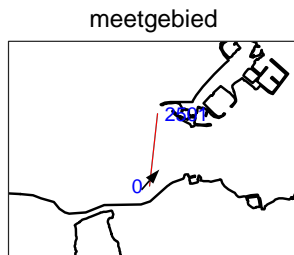
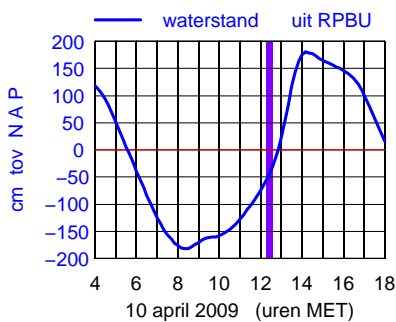
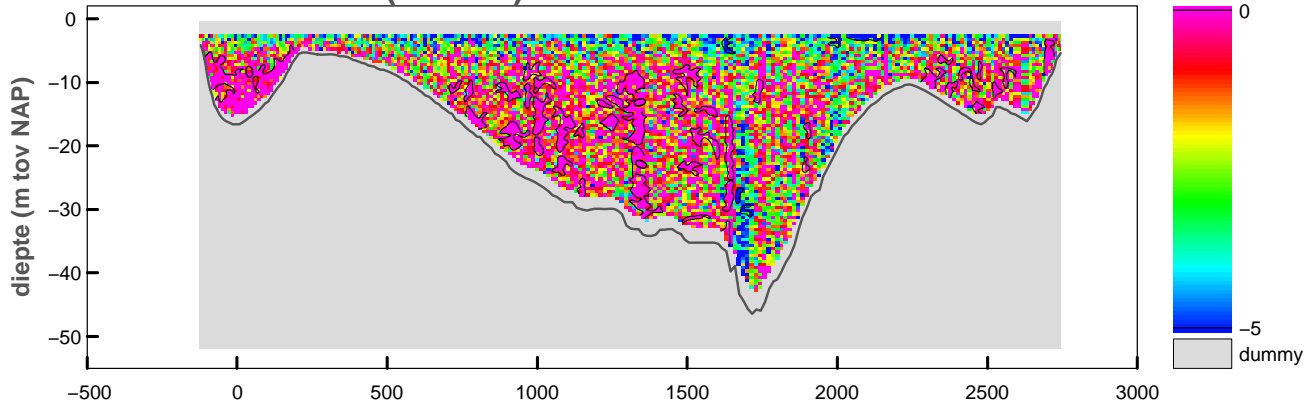
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

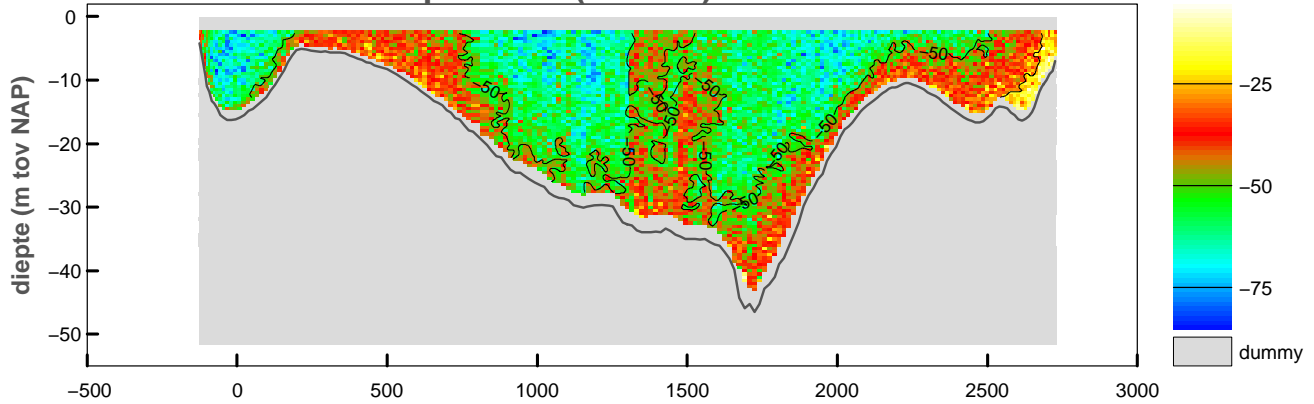


maximum gemiddelde stroom-  
 snelheid in de vertikaal

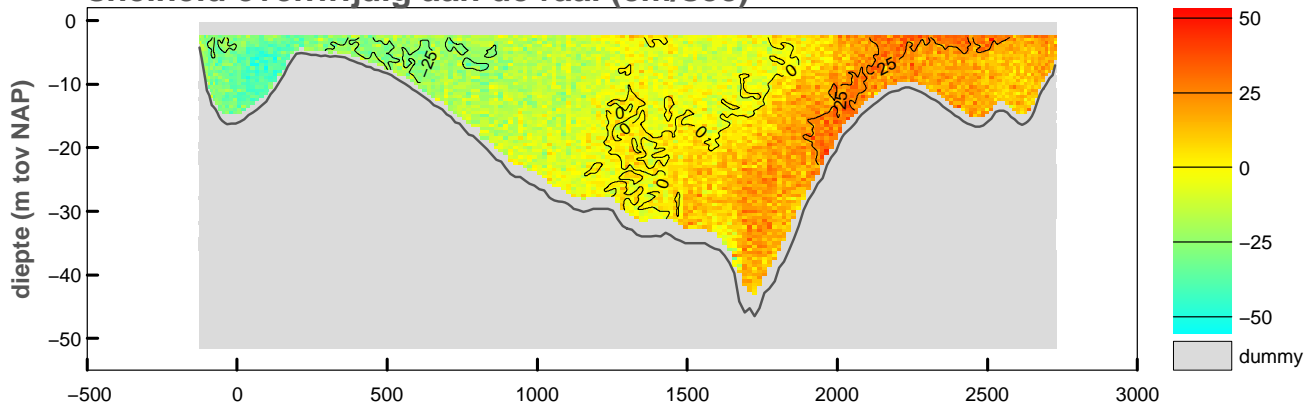
afstand uit nulpunt : 218 m  
 stroomsnelheid : 74 cm/sec  
 stroomrichting : 42°

doorstroomoppervlak : -56751 m<sup>2</sup>  
 raaidebiet : -25650 m<sup>3</sup>/sec

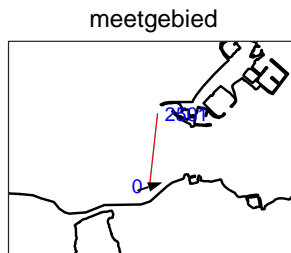
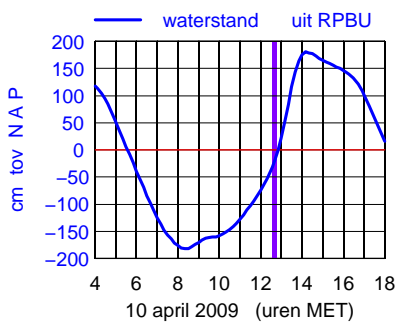
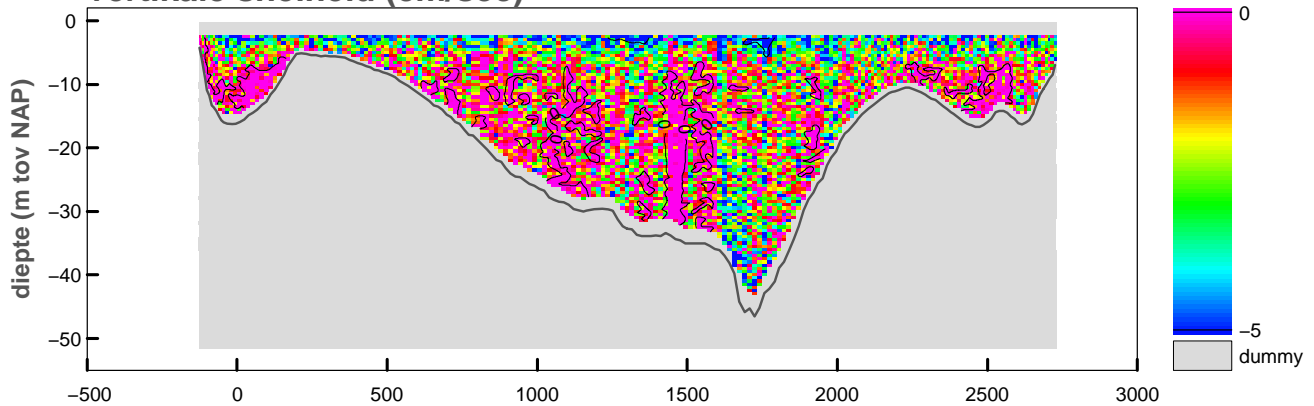
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de verticaleal

afstand uit nulpunt : -20 m

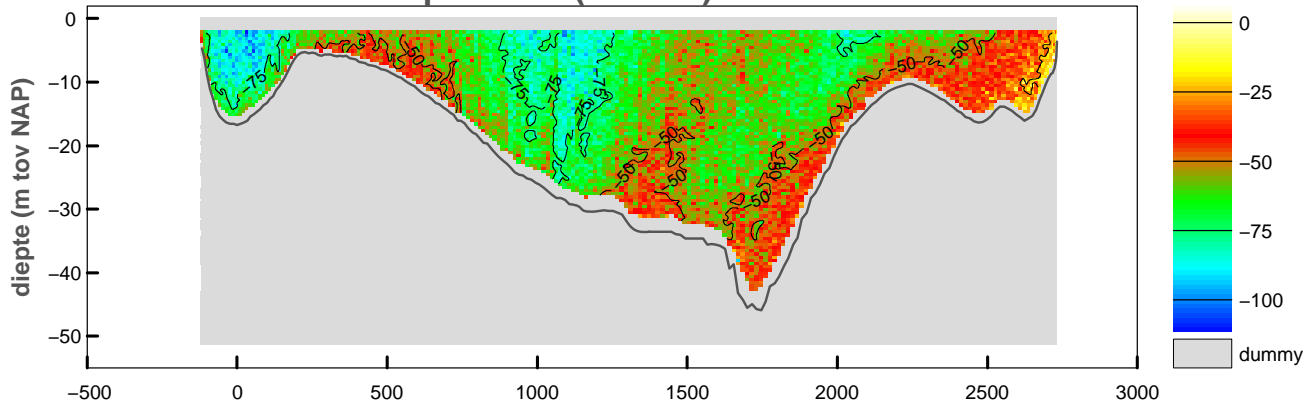
stroomsnelheid : 72 cm/sec

stroomrichting : 71°

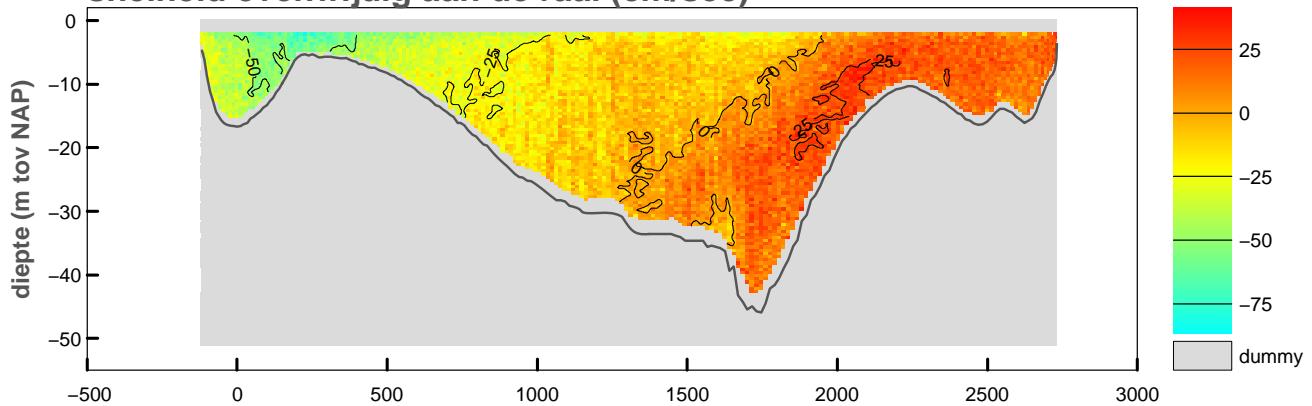
doorstroomoppervlak : -57343 m<sup>2</sup>

raaidebiet : -28476 m<sup>3</sup>/sec

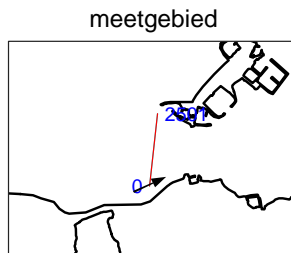
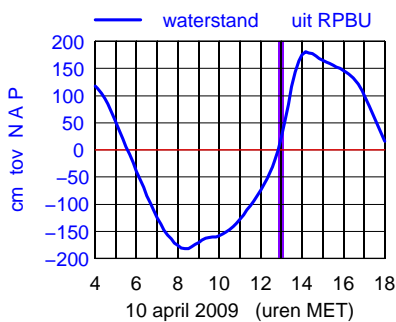
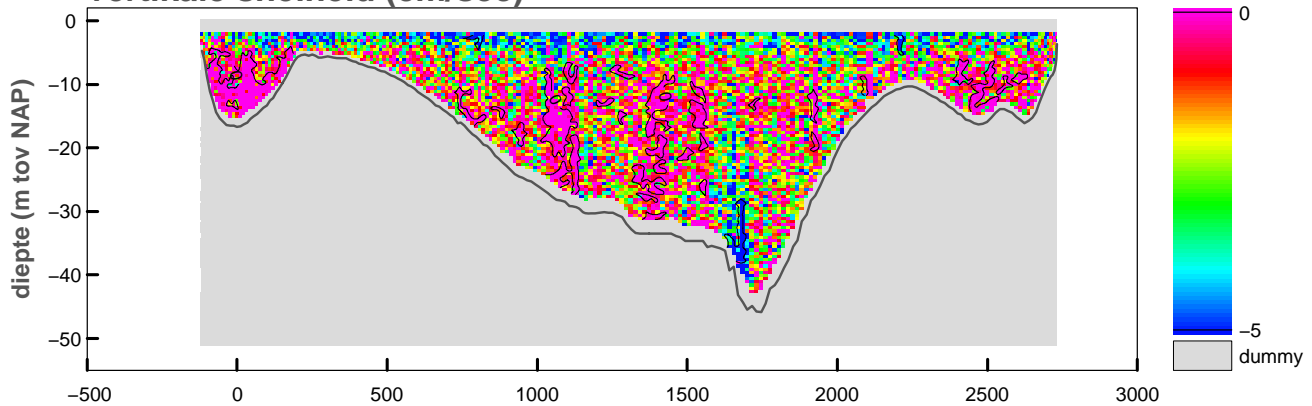
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)

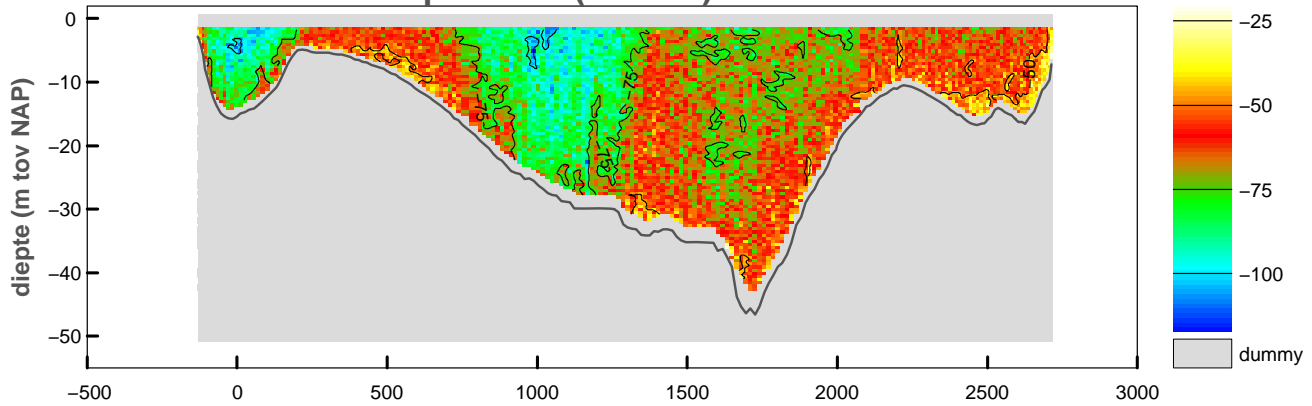


maximum gemiddelde stroom-  
snelheid in de vertikaal

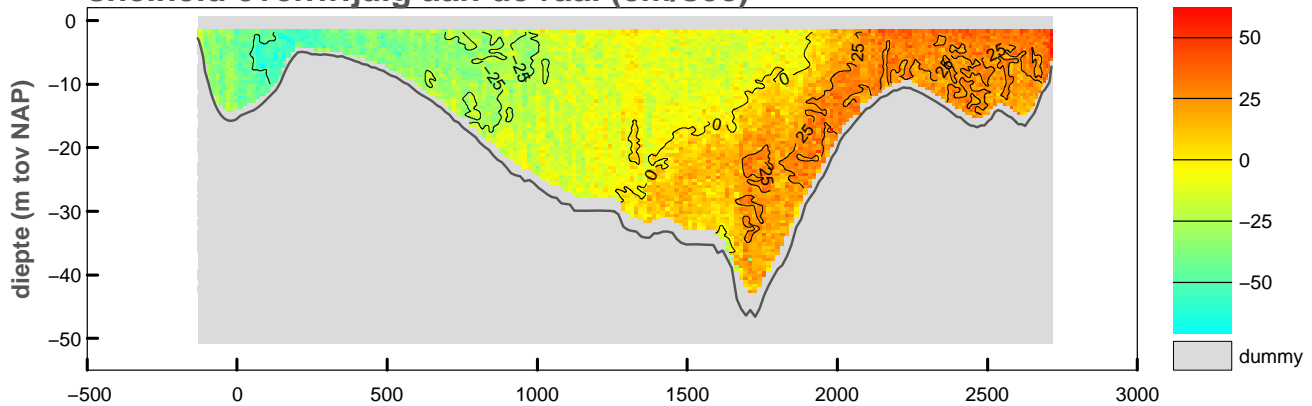
afstand uit nulpunt : 55 m  
stroomsnelheid : 99 cm/sec  
stroomrichting : 65°

doorstroomoppervlak : -58482 m<sup>2</sup>  
raaidebiet : -33652 m<sup>3</sup>/sec

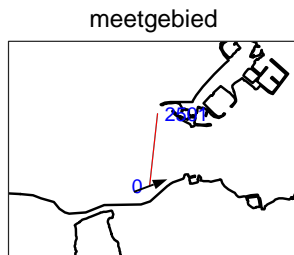
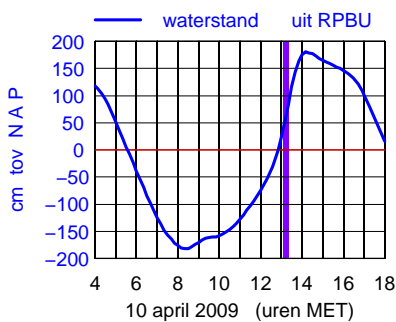
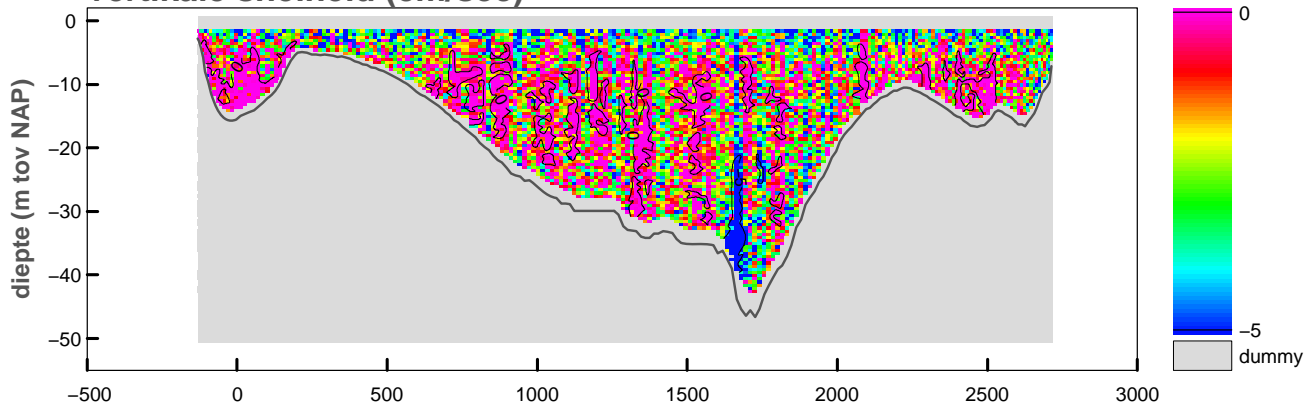
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



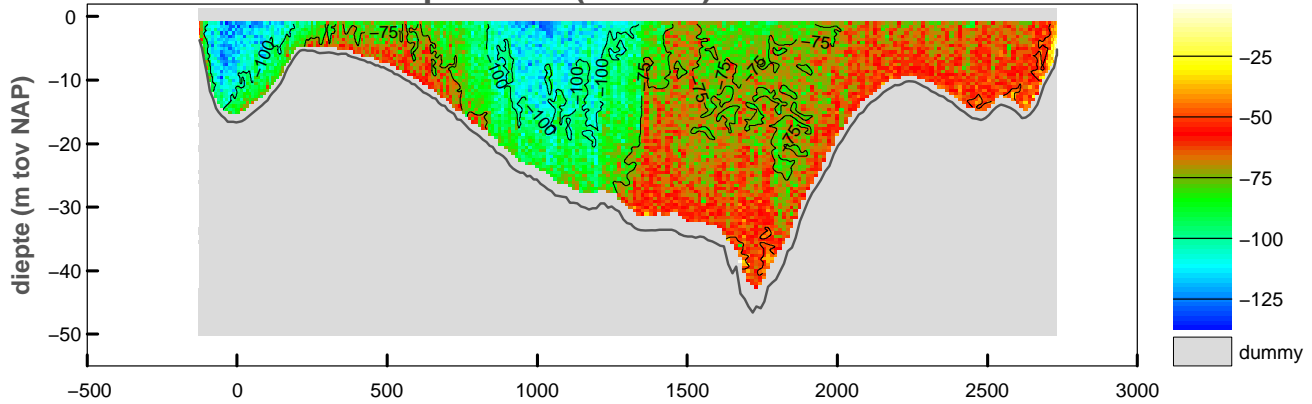
maximum gemiddelde stroom-  
 snelheid in de verticaleal

afstand uit nulpunt : 11 m  
 stroomsnelheid : 98 cm/sec  
 stroomrichting : 70°

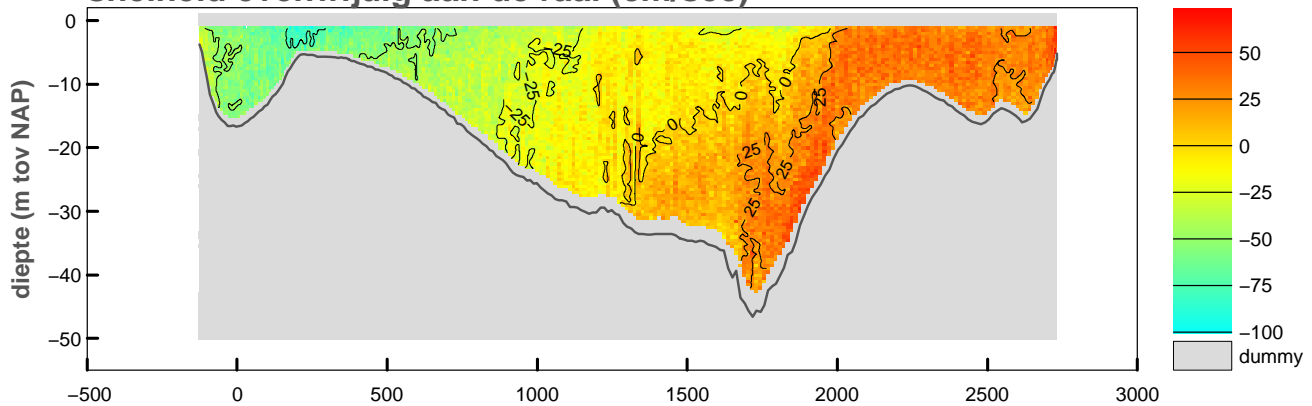
doorstroomoppervlak : -59522 m<sup>2</sup>  
 raaidebiet : -39982 m<sup>3</sup>/sec



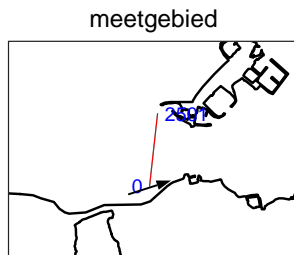
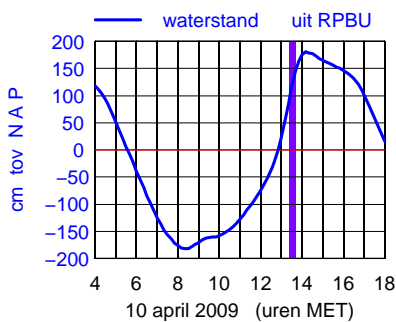
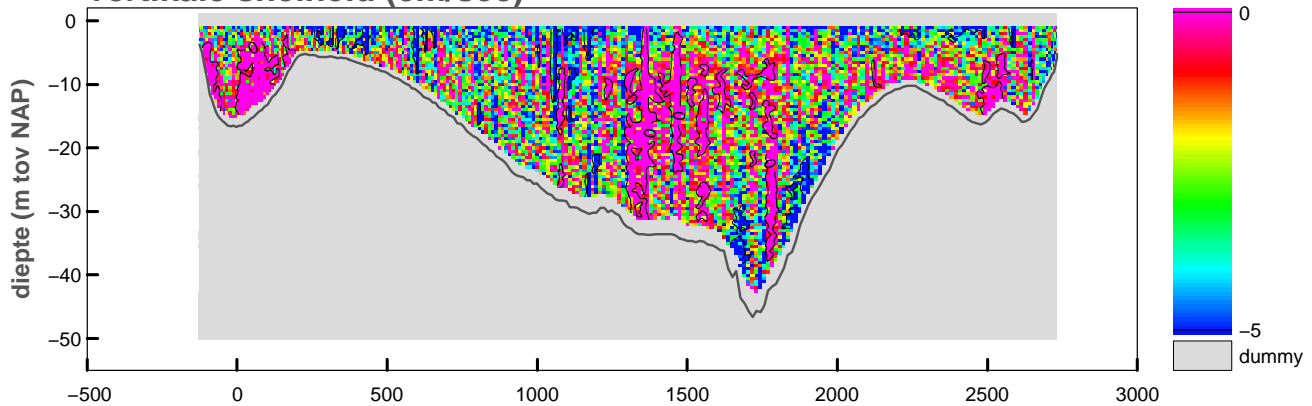
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

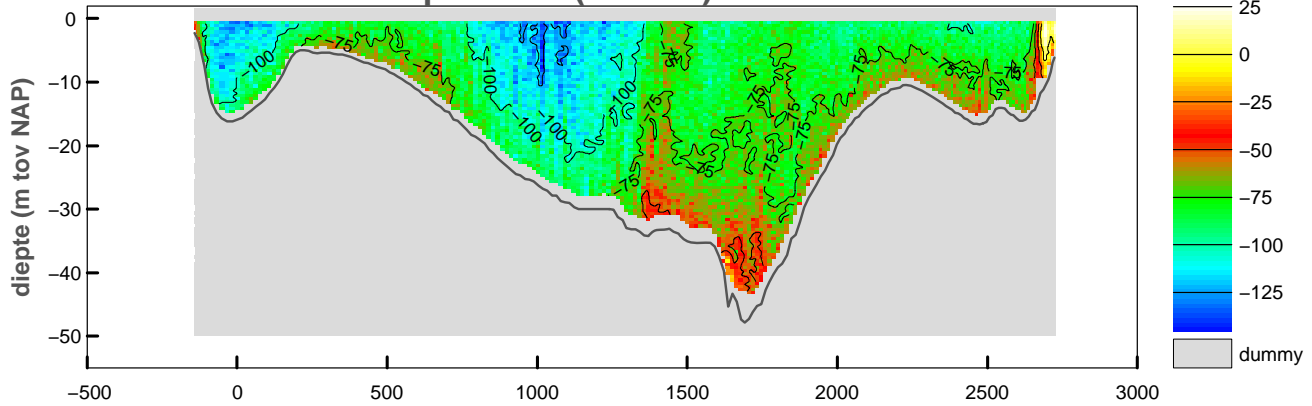


maximum gemiddelde stroom-  
 snelheid in de vertikaal

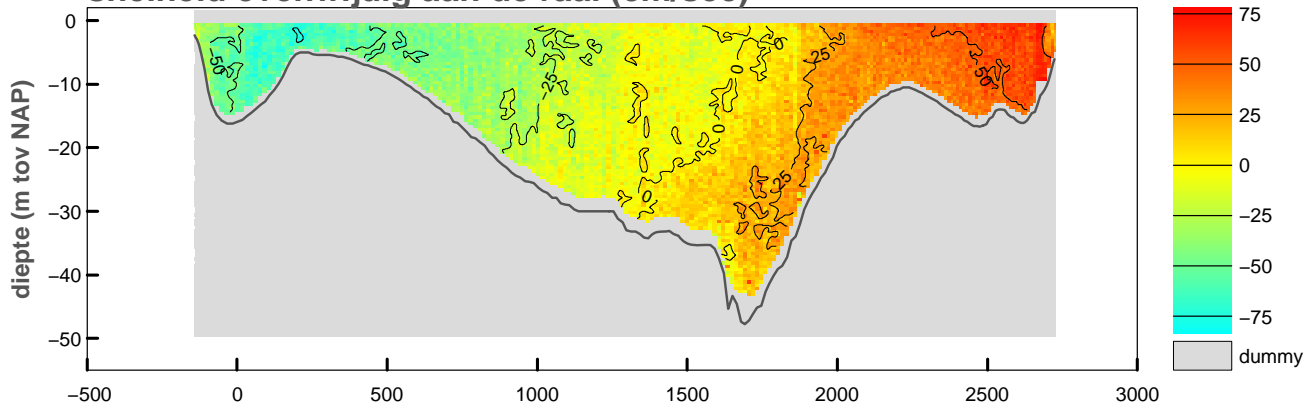
afstand uit nulpunt : -51 m  
 stroomsnelheid : 124 cm/sec  
 stroomrichting : 72°

doorstroomoppervlak : -61403 m<sup>2</sup>  
 raaidebiet : -46525 m<sup>3</sup>/sec

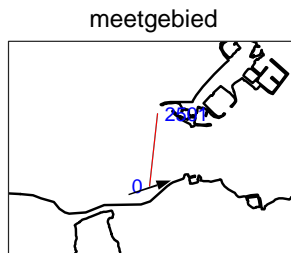
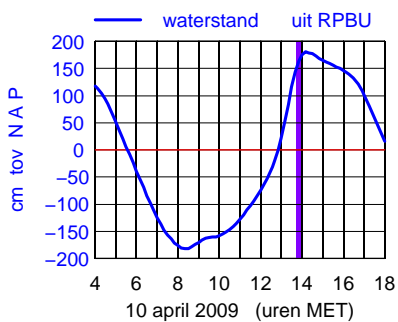
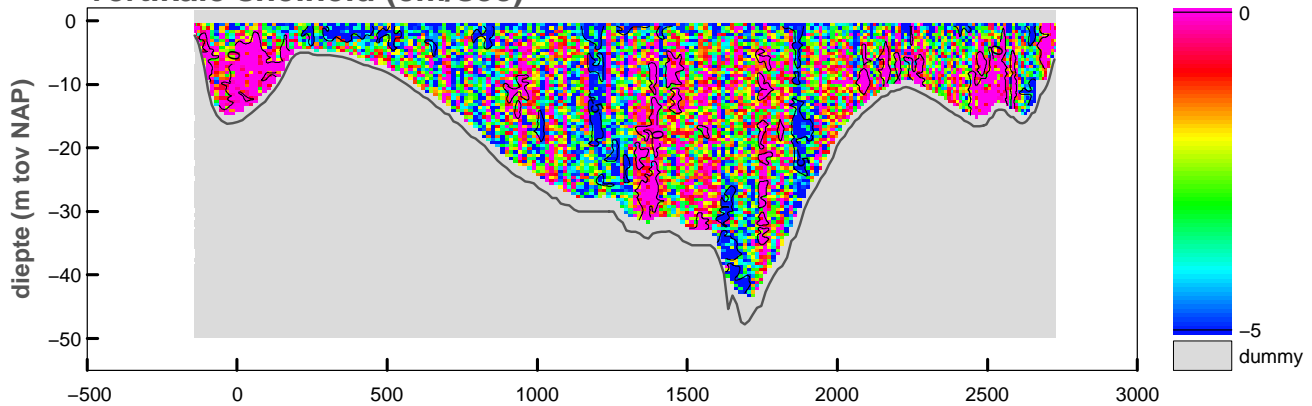
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de vertikaal

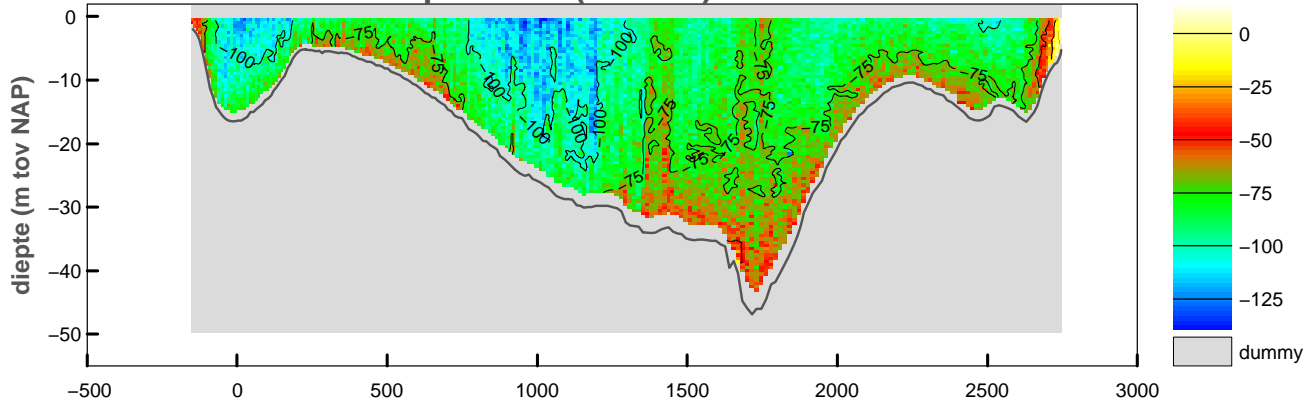
afstand uit nulpunt : -51 m  
stroomsnelheid : 123 cm/sec  
stroomrichting : 71°

doorstroomoppervlak : -62803 m<sup>2</sup>  
raaidebiet : -51493 m<sup>3</sup>/sec

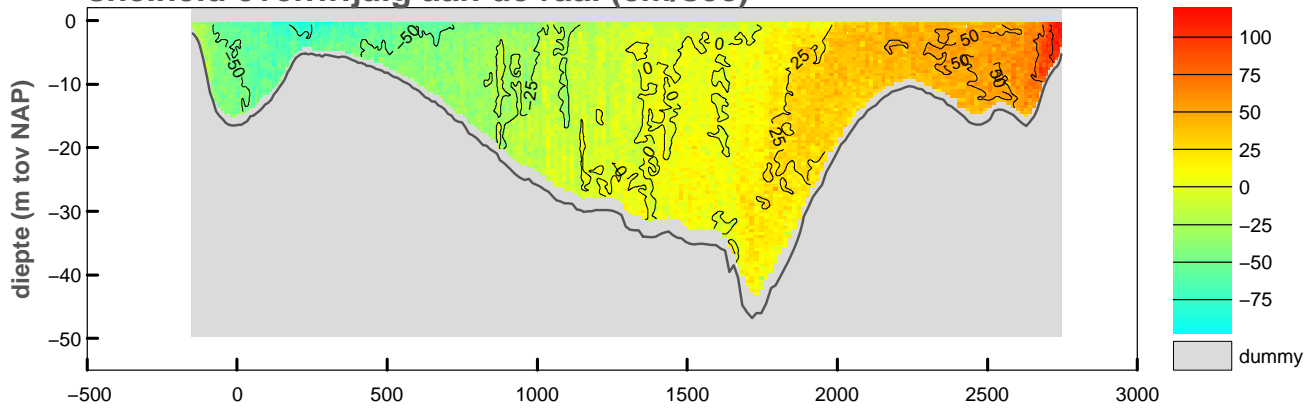
Debietraai 11 Roompot West dd 10 april 2009  
 adcpfile : 2001m035t.val

tijd : 1359 – 1416

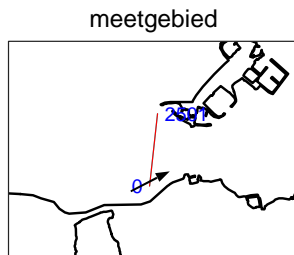
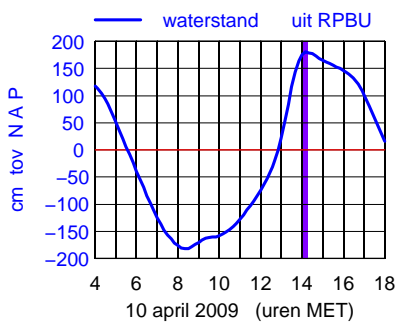
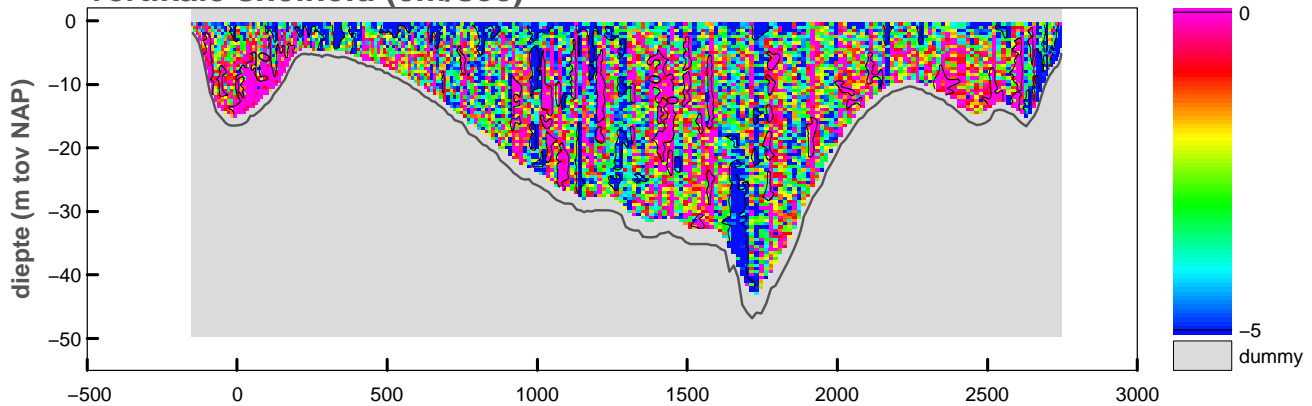
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

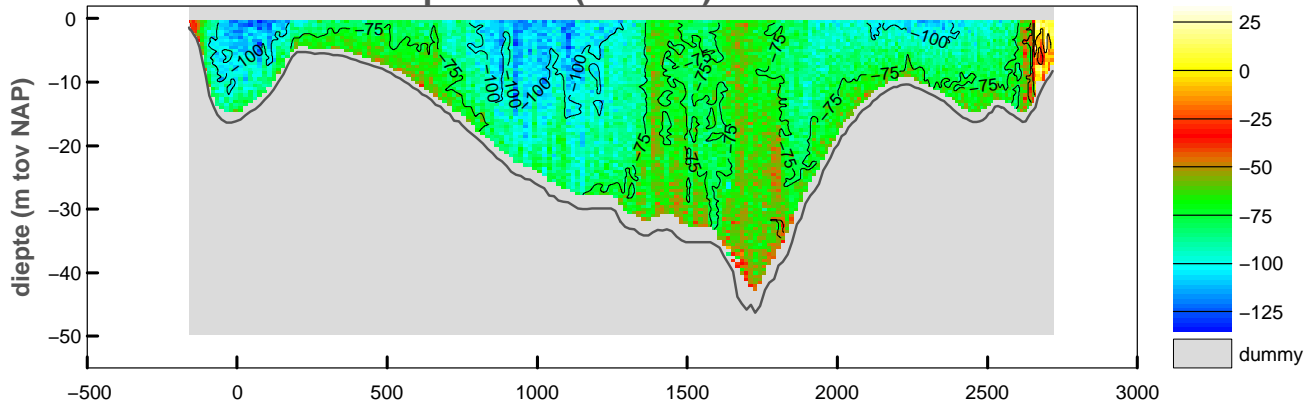


maximum gemiddelde stroom-  
 snelheid in de vertikaal

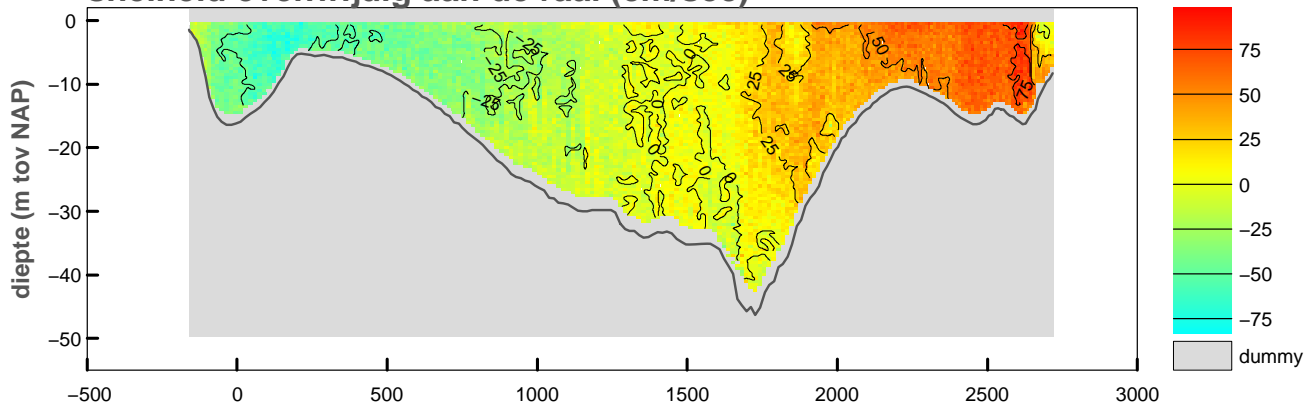
afstand uit nulpunt : 168 m  
 stroomsnelheid : 122 cm/sec  
 stroomrichting : 63°

doorstroomoppervlak : -63284 m<sup>2</sup>  
 raaidebiet : -51840 m<sup>3</sup>/sec

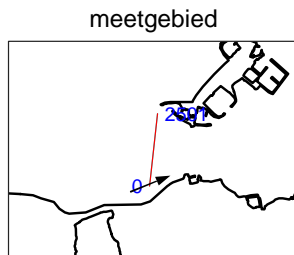
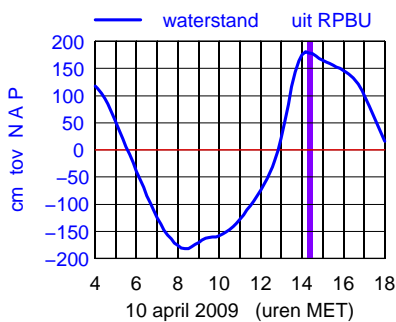
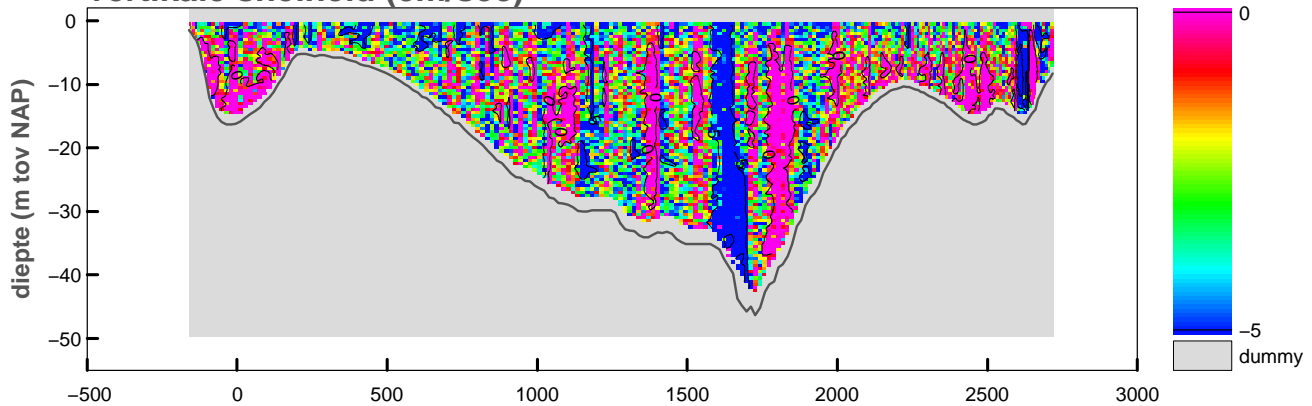
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

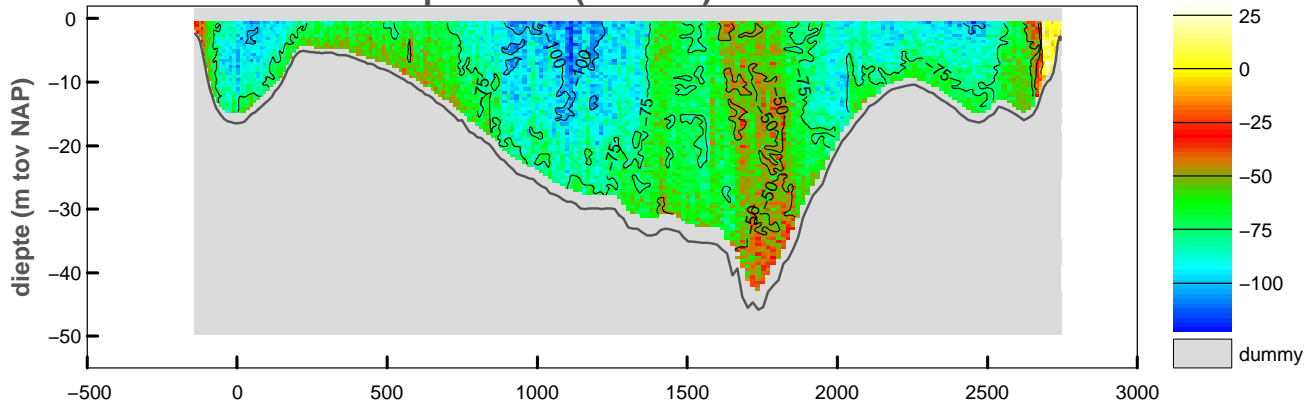


maximum gemiddelde stroom-  
 snelheid in de vertikaal

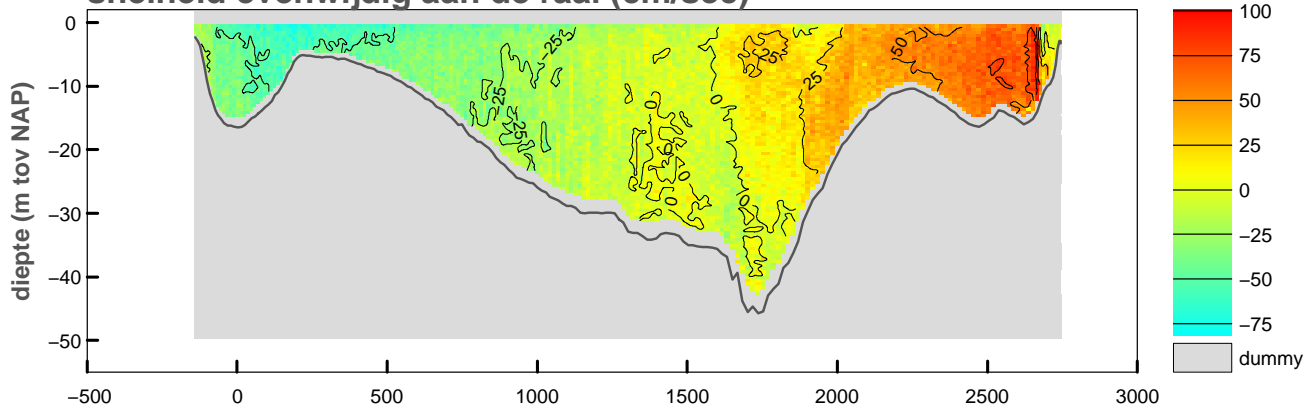
afstand uit nulpunt : 76 m  
 stroomsnelheid : 119 cm/sec  
 stroomrichting : 68°

doorstroomoppervlak : -62938 m<sup>2</sup>  
 raaidebiet : -49113 m<sup>3</sup>/sec

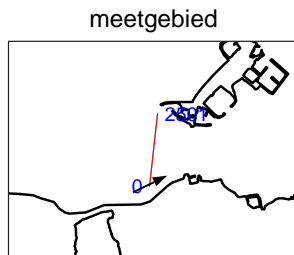
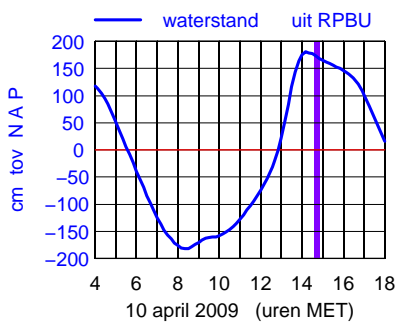
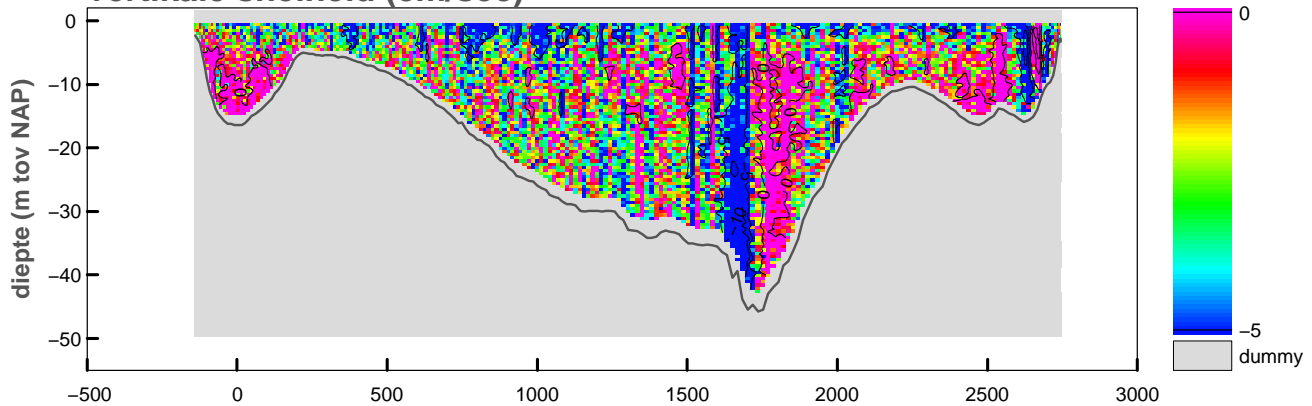
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)

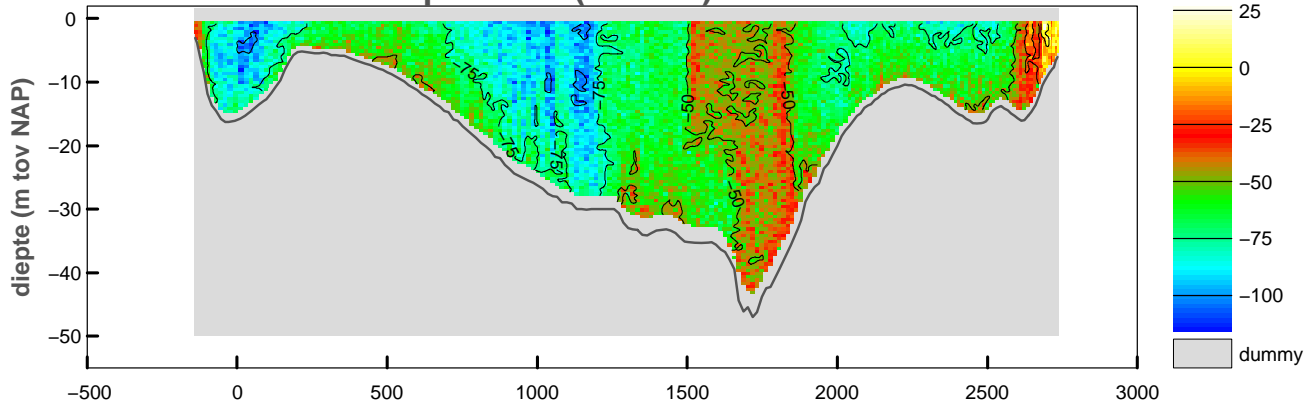


maximum gemiddelde stroom-  
snelheid in de vertikaal

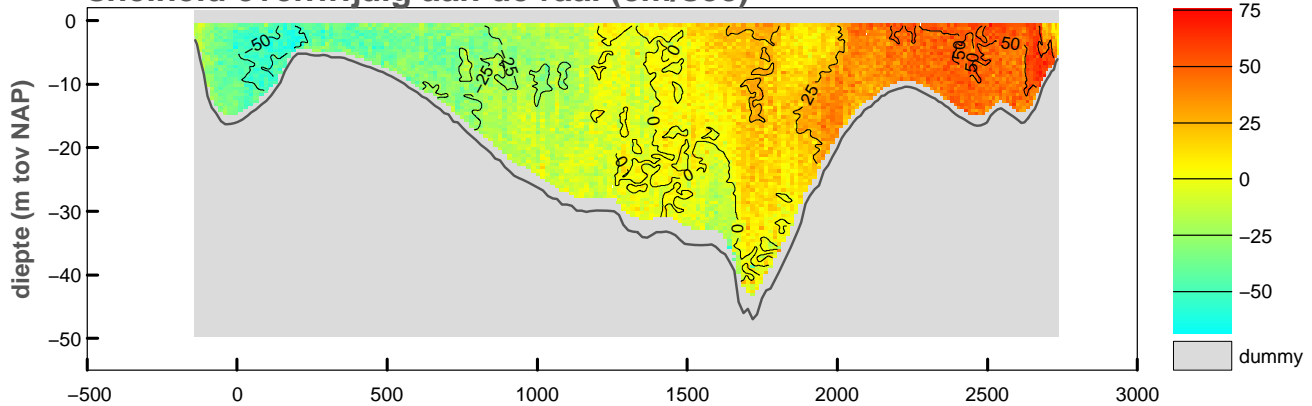
afstand uit nulpunt : 71 m  
stroomsnelheid : 106 cm/sec  
stroomrichting : 64°

doorstroomoppervlak : -62858 m<sup>2</sup>  
raaidebiet : -44570 m<sup>3</sup>/sec

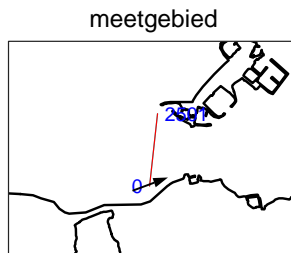
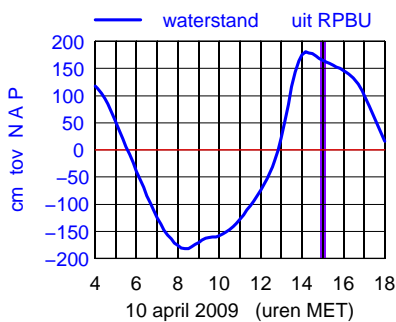
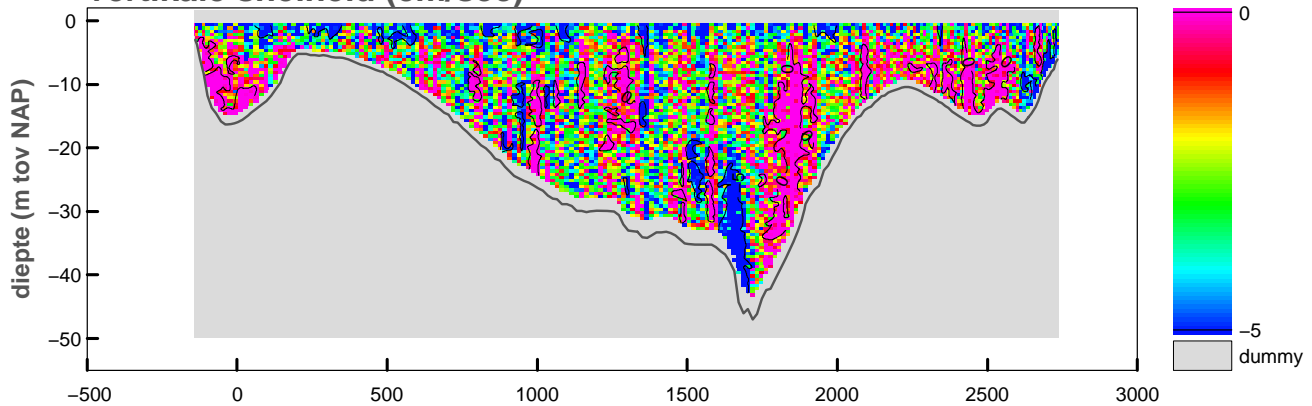
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)

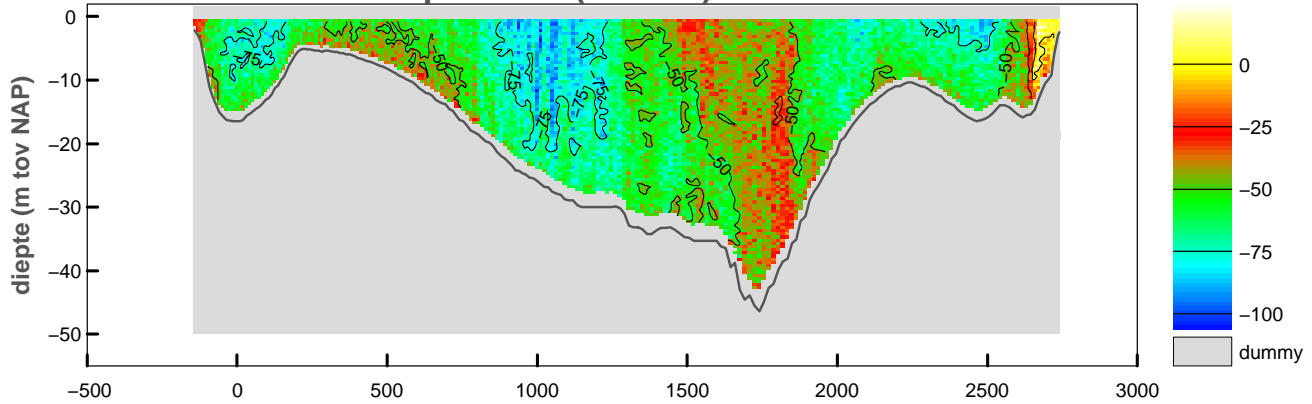


maximum gemiddelde stroom-  
snelheid in de vertikaal

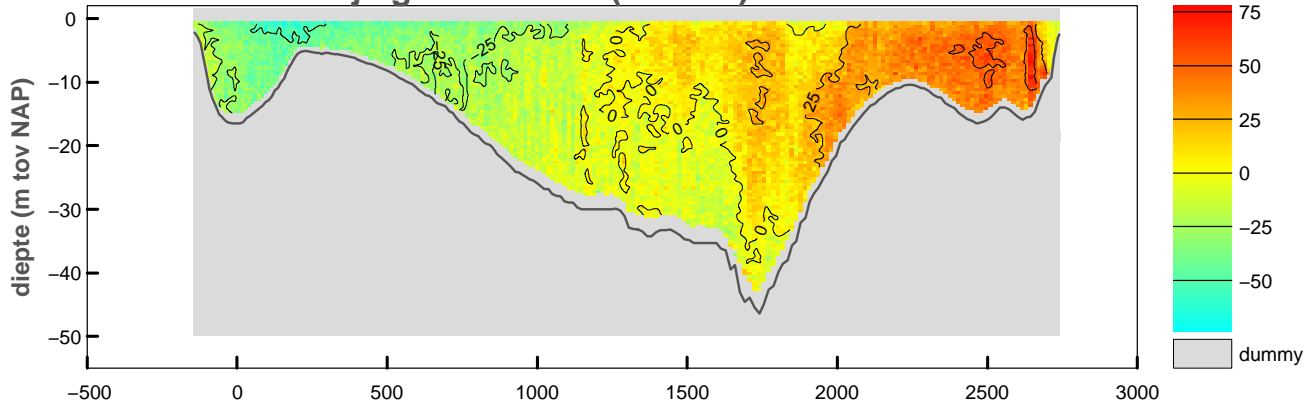
afstand uit nulpunt : 63 m  
stroomsnelheid : 104 cm/sec  
stroomrichting : 69°

doorstroomoppervlak : -62674 m<sup>2</sup>  
raaidebiet : -39202 m<sup>3</sup>/sec

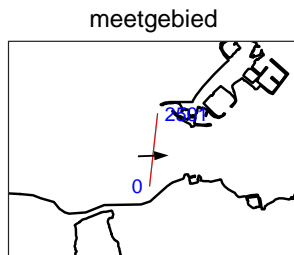
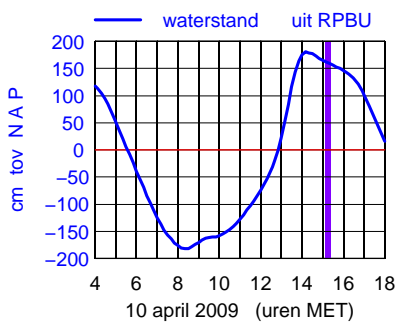
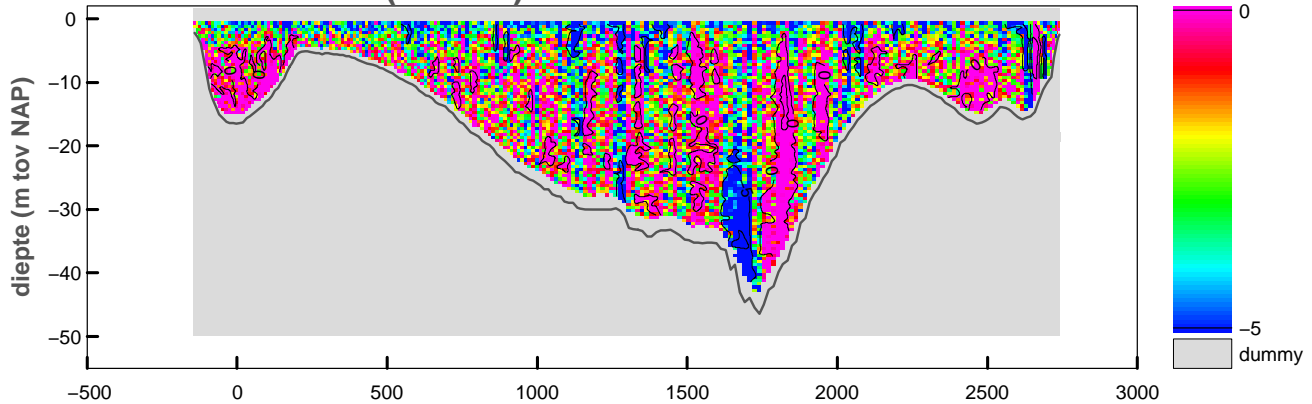
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

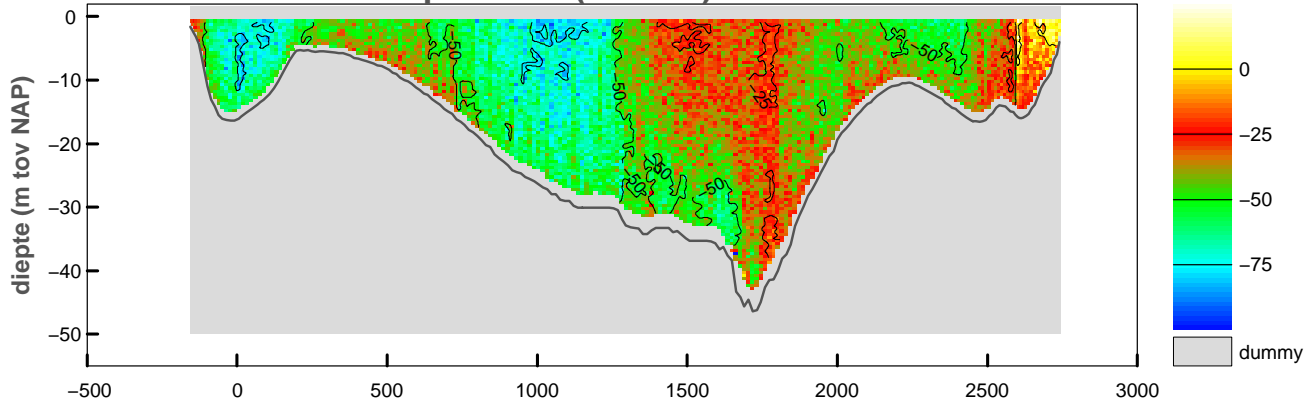


maximum gemiddelde stroom-  
 snelheid in de verticaleal

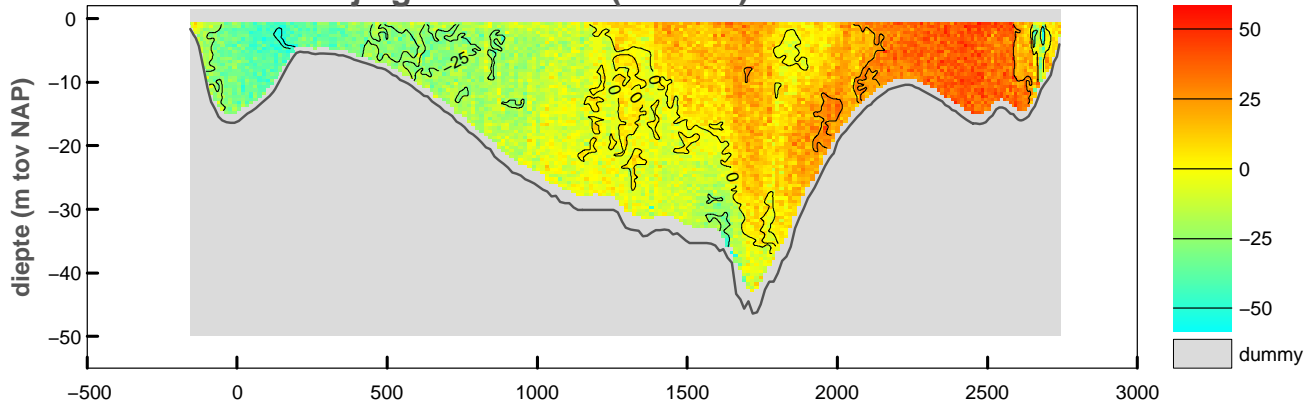
afstand uit nulpunt : 1050 m  
 stroomsnelheid : 86 cm/sec  
 stroomrichting : 88°

doorstroomoppervlak : -62437 m<sup>2</sup>  
 raaidebiet : -34519 m<sup>3</sup>/sec

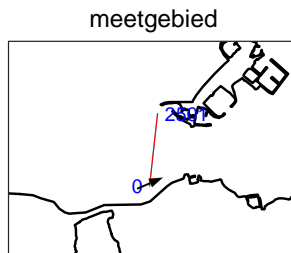
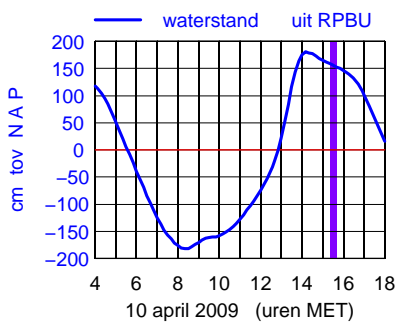
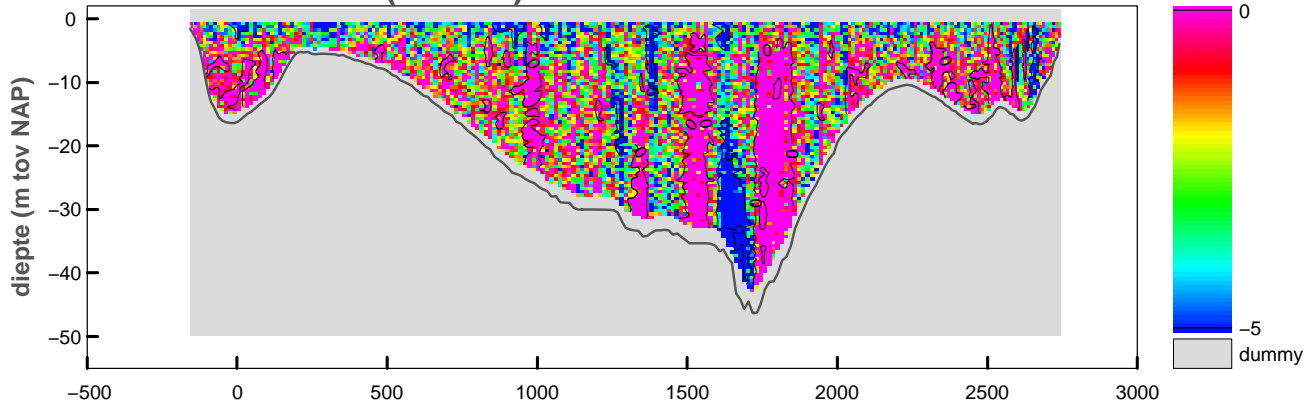
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 103 m  
 stroomsnelheid : 79 cm/sec  
 stroomrichting : 66°

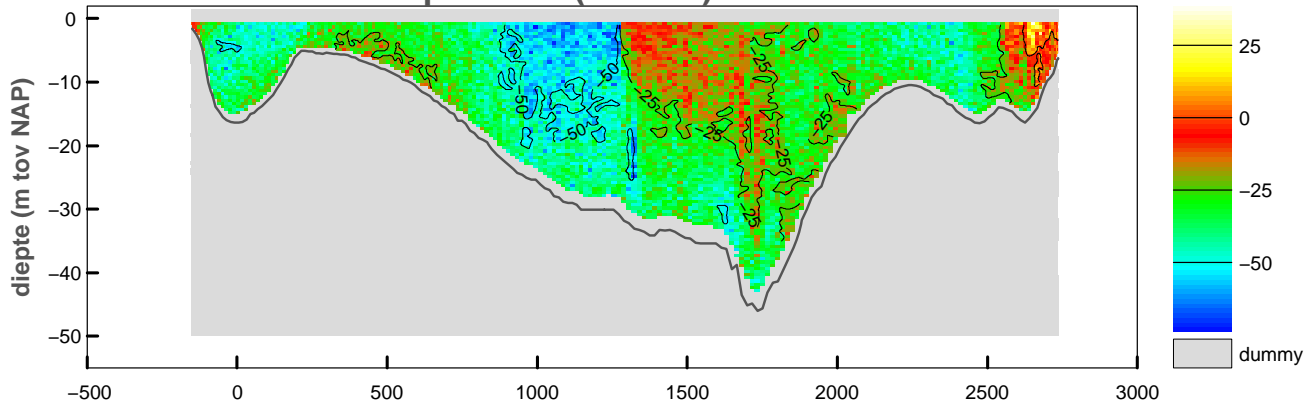
doorstroomoppervlak : -62442 m<sup>2</sup>  
 raaidebiet : -28144 m<sup>3</sup>/sec



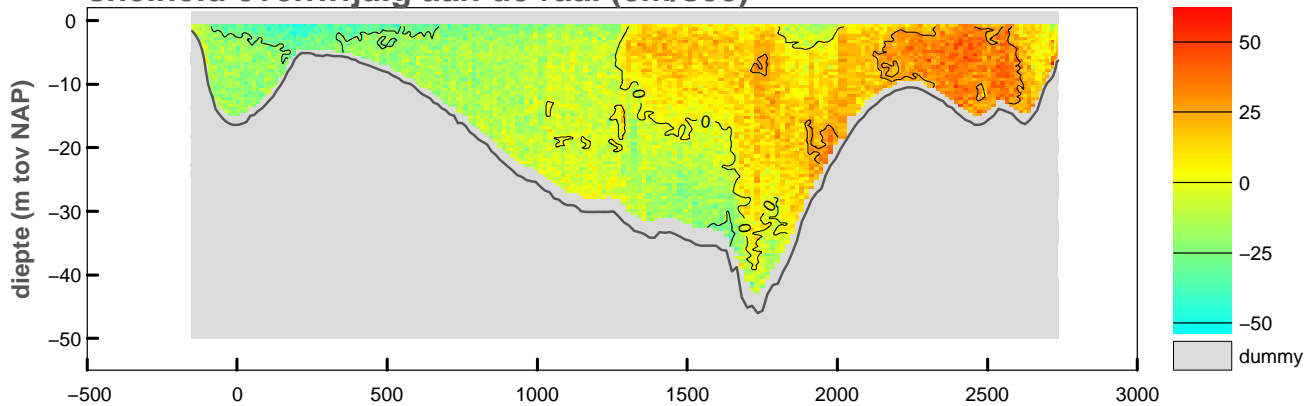
Debietraai 11 Roompot West dd 10 april 2009  
adcpfile : 2001m041t.val

tijd : 1546 – 1601

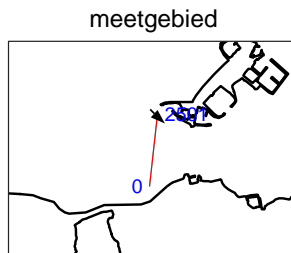
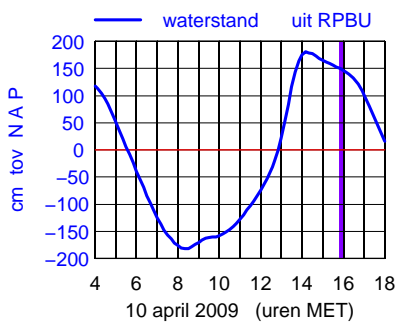
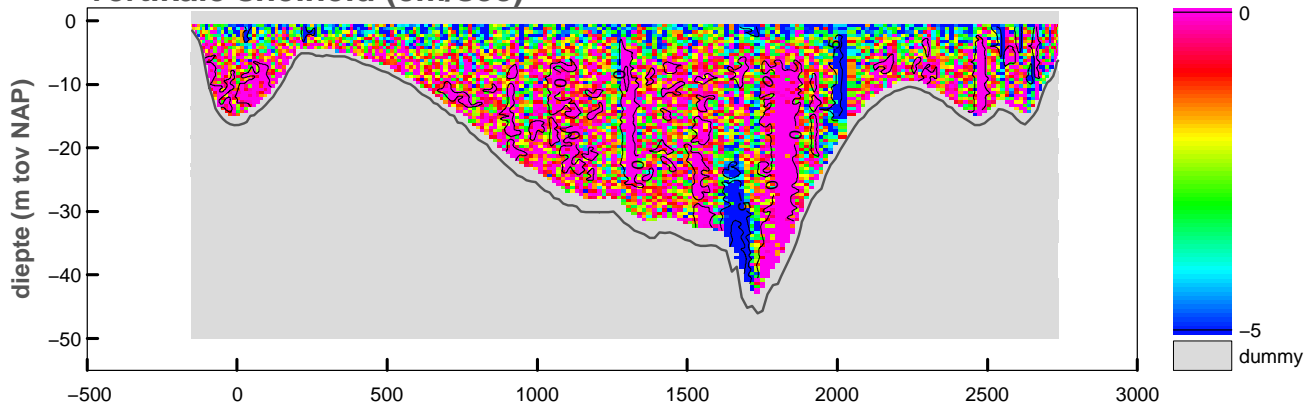
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de verticaleal

afstand uit nulpunt : 2412 m

stroomsnelheid : 57 cm/sec

stroomrichting : 134°

doorstroomoppervlak : -62184 m<sup>2</sup>

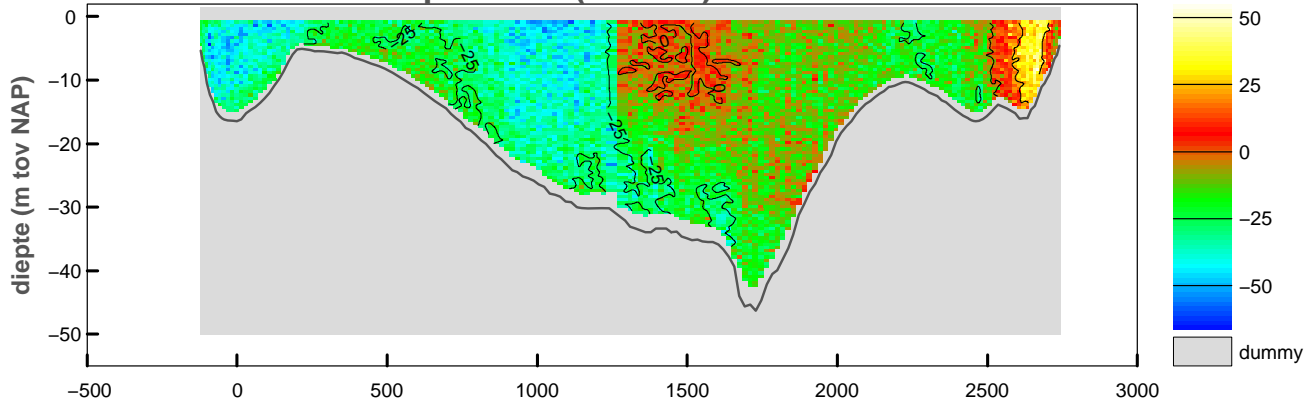
raaidebiet : -20053 m<sup>3</sup>/sec

adcpfile :2001m041t.val

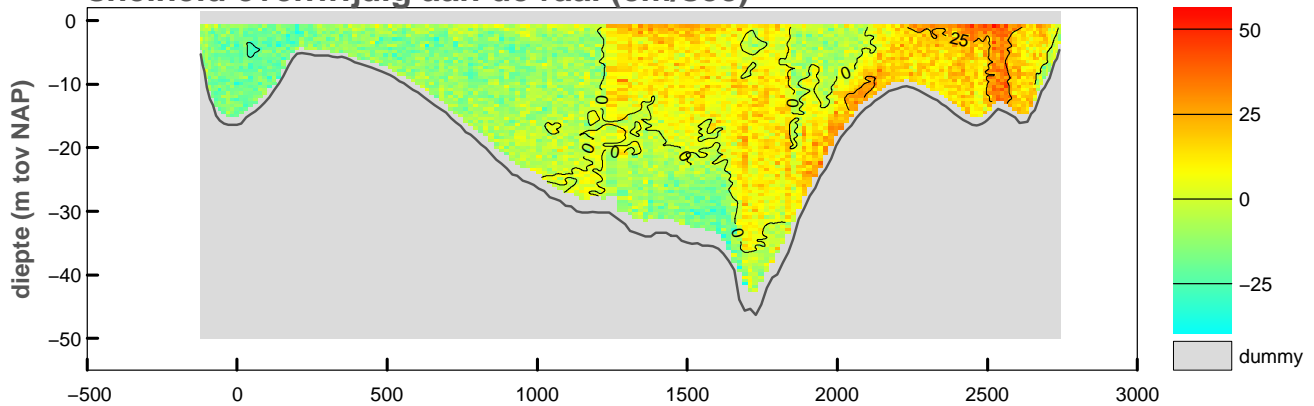
Debietraai 11 Roompot West dd 10 april 2009  
adcpfile : 2001m042t.val

tijd : 1602 – 1615

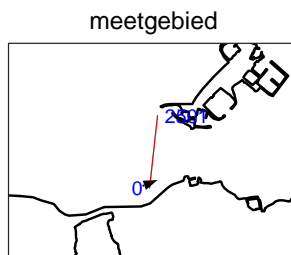
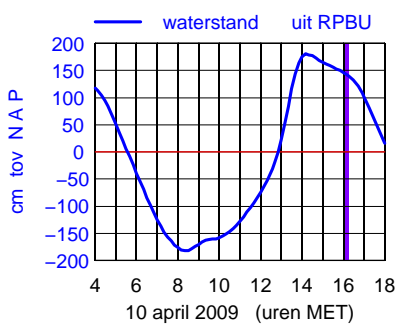
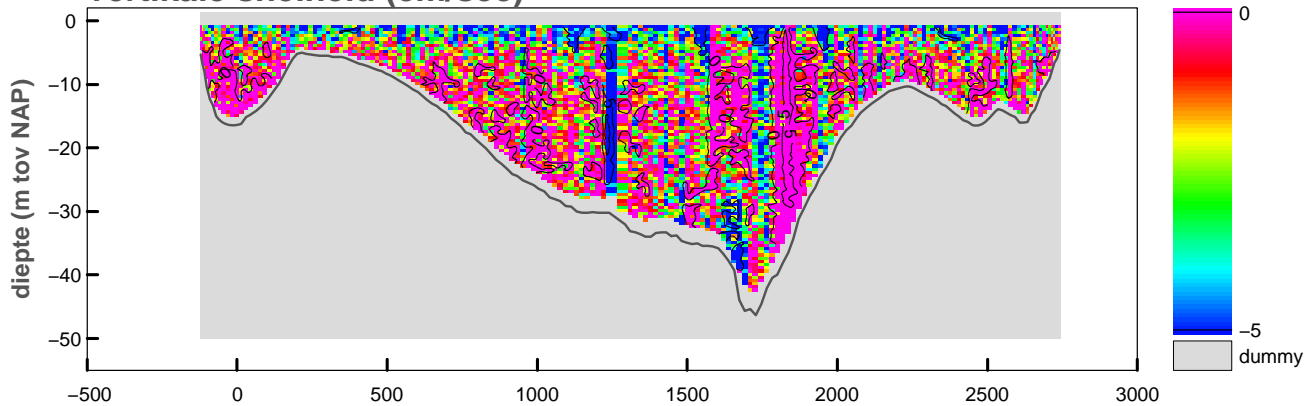
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de verticaleal

afstand uit nulpunt : 170 m

stroomsnelheid : 44 cm/sec

stroomrichting : 69°

doorstroomoppervlak : -61819 m<sup>2</sup>

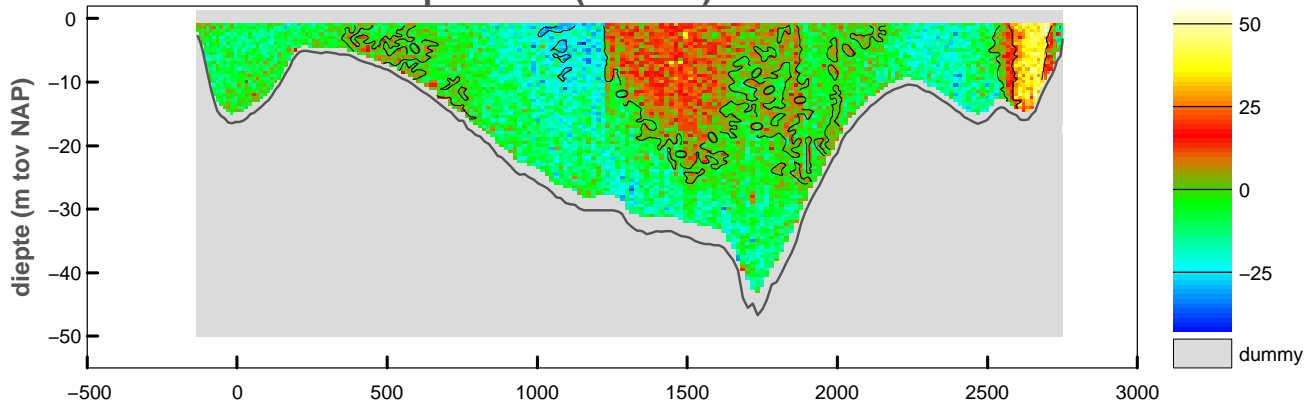
raaidebiet : -11452 m<sup>3</sup>/sec

adcpfile :2001m042t.val

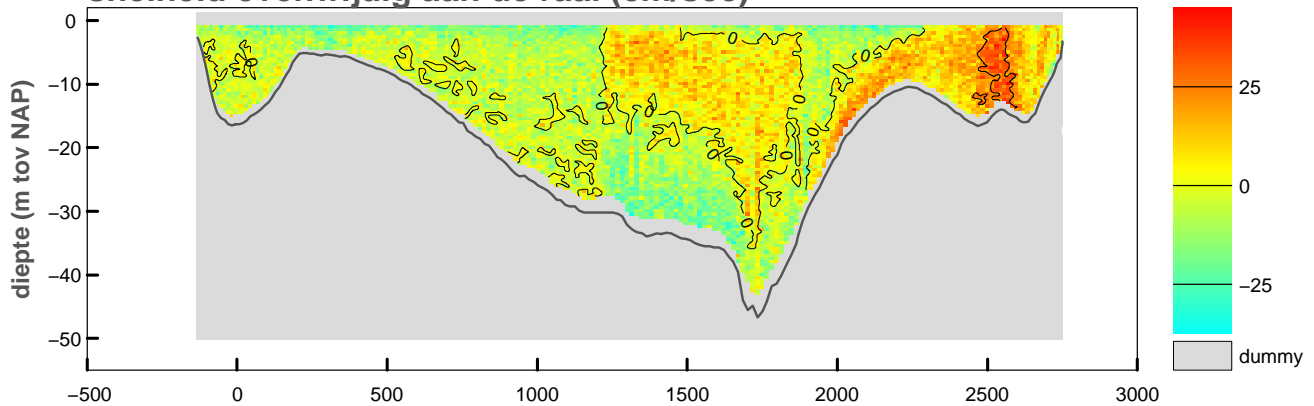
Debietraai 11 Roompot West dd 10 april 2009  
 adcpfile : 2001m043t.val

tijd : 1617 – 1632

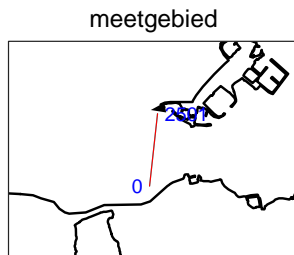
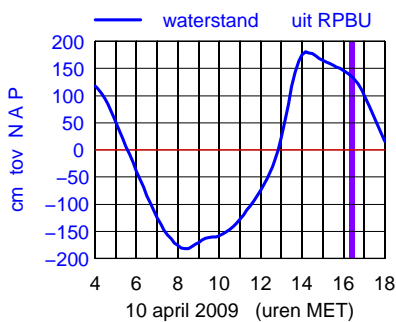
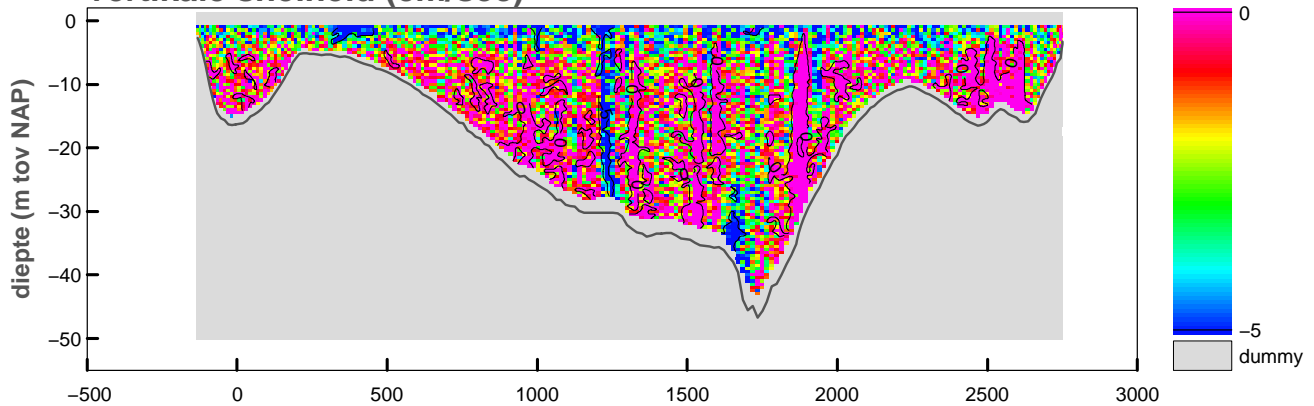
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

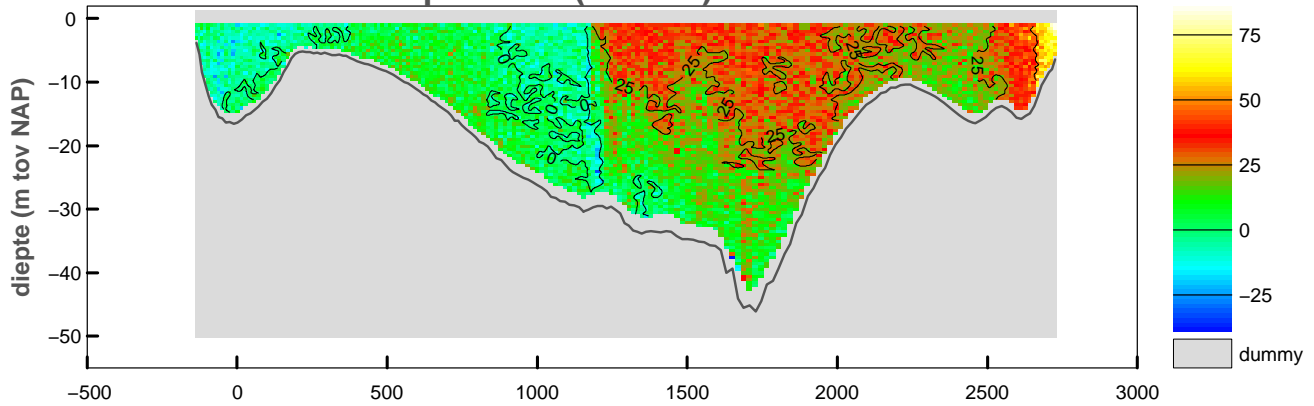


maximum gemiddelde stroom-  
 snelheid in de vertikaal

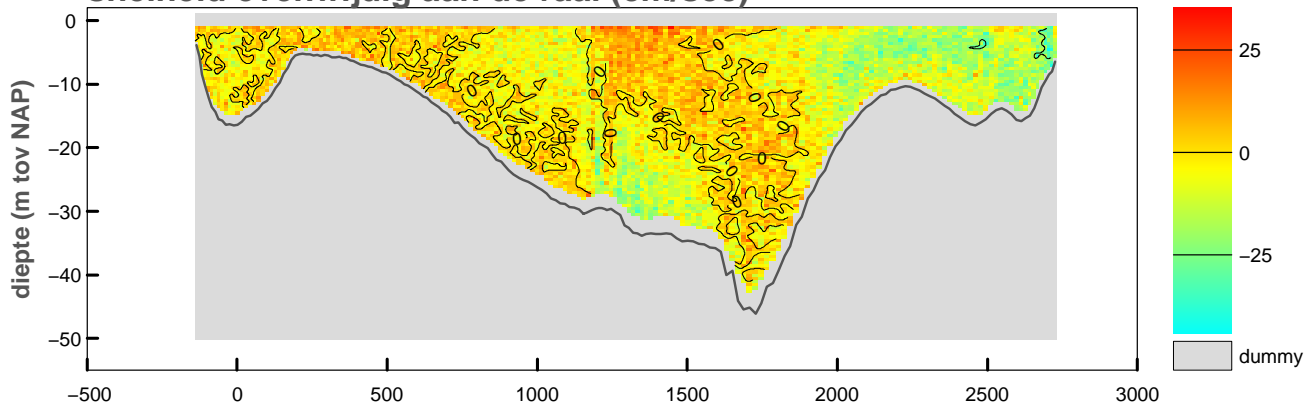
afstand uit nulpunt : 2683 m  
 stroomsnelheid : 41 cm/sec  
 stroomrichting : 259°

doorstroomoppervlak : -61737 m<sup>2</sup>  
 raaidebiet : -2565 m<sup>3</sup>/sec

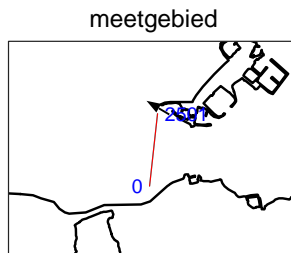
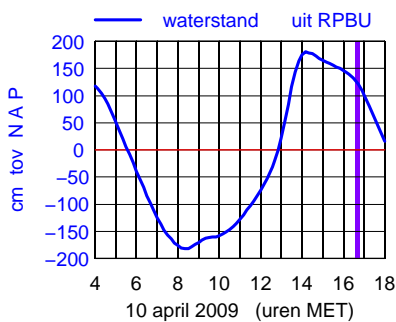
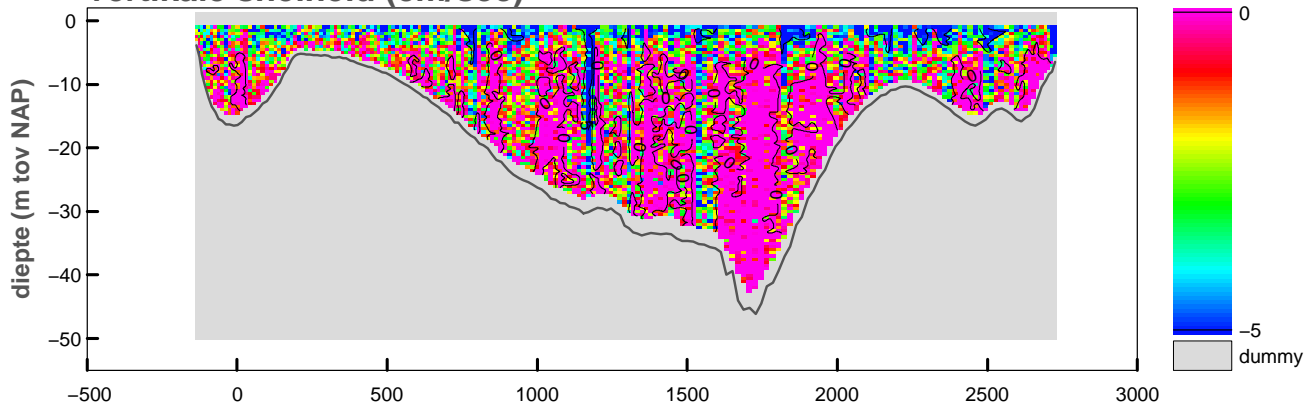
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 2716 m

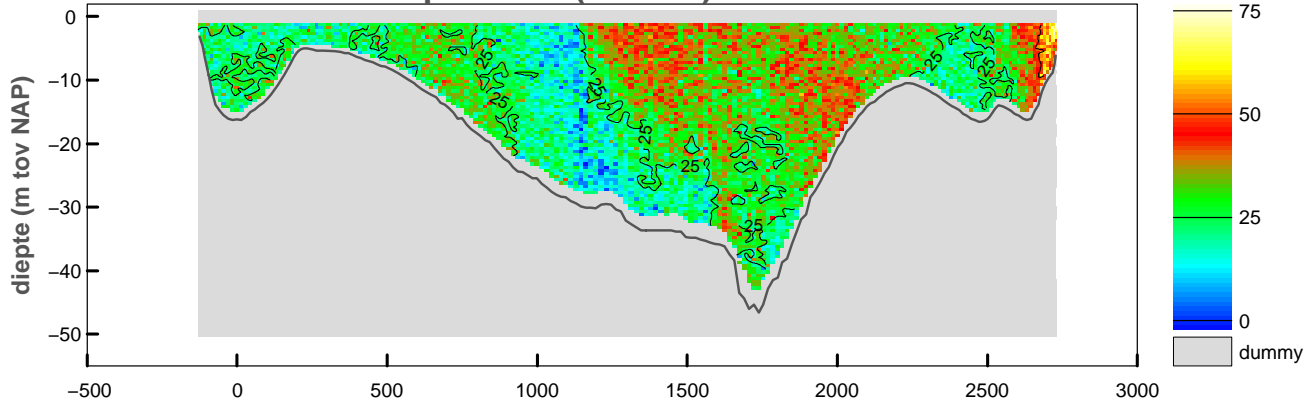
stroomsnelheid : 73 cm/sec

stroomrichting : 300°

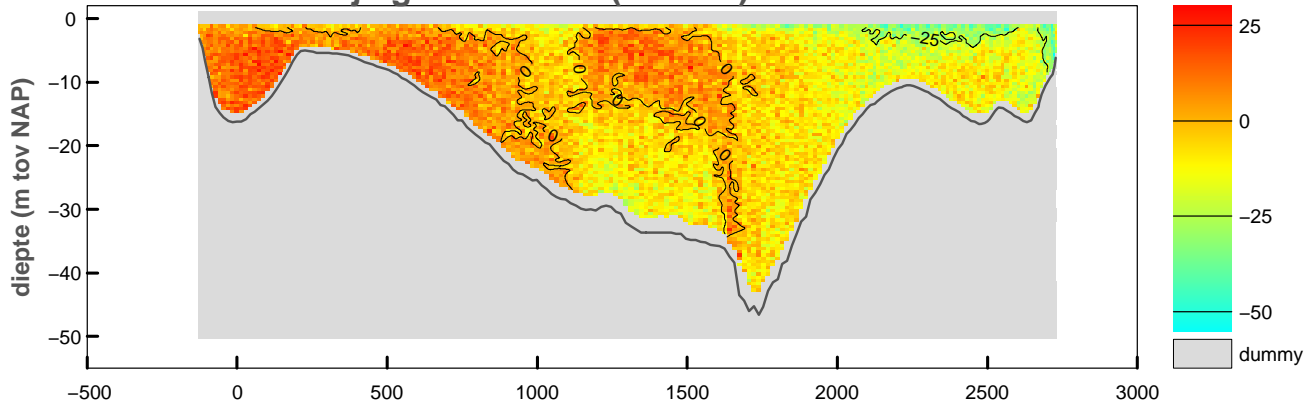
doorstroomoppervlak : -61241 m<sup>2</sup>

raaidebiet : 8984 m<sup>3</sup>/sec

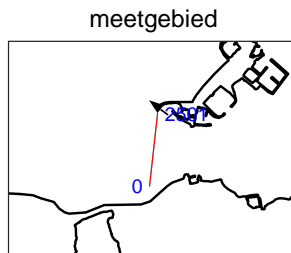
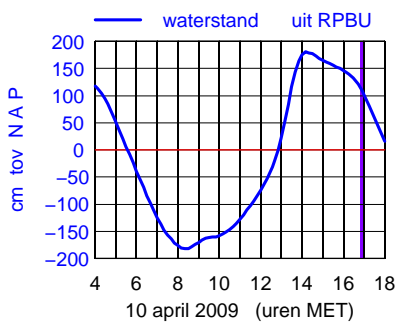
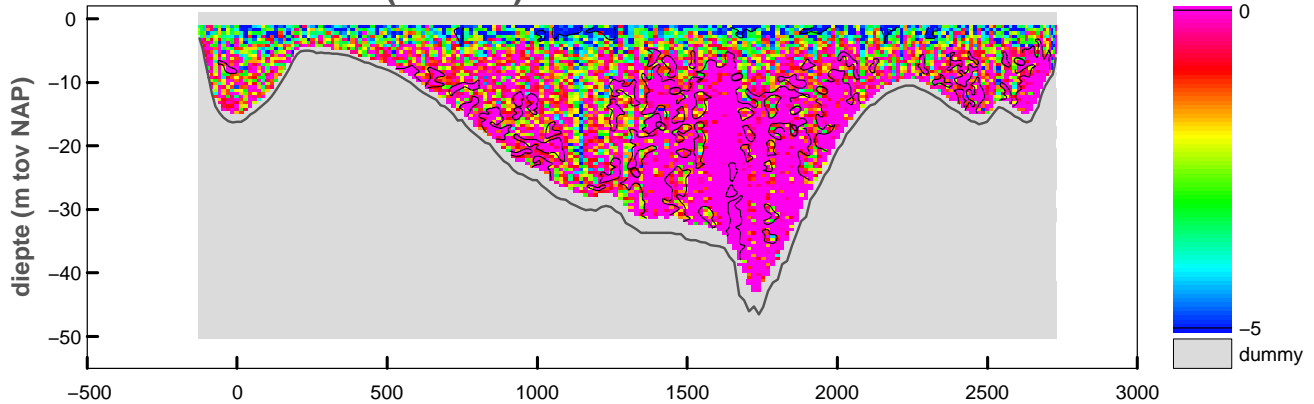
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 2723 m

stroomsnelheid : 65 cm/sec

stroomrichting : 308°

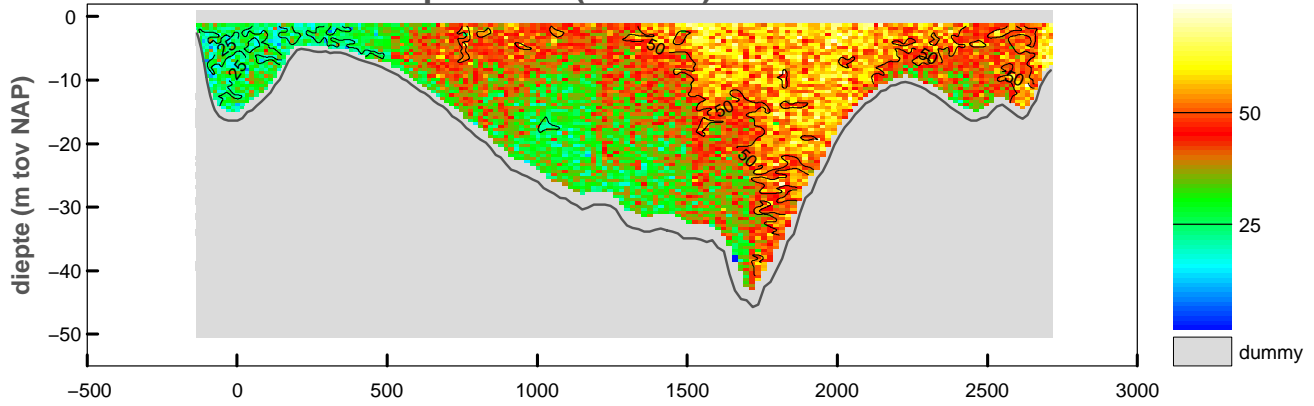
doorstroomoppervlak : -60782 m<sup>2</sup>

raaidebiet : 16694 m<sup>3</sup>/sec

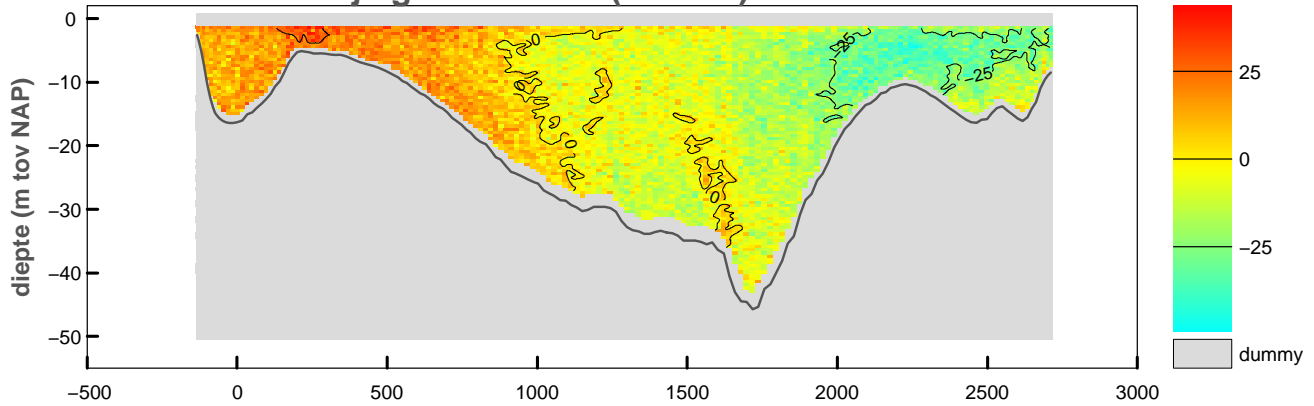
Debietraai 11 Roompot West dd 10 april 2009  
adcpfile : 2001m046t.val

tijd : 1701 – 1714

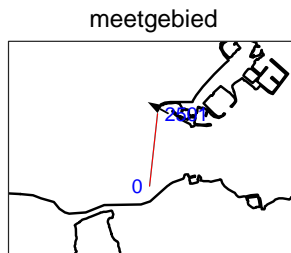
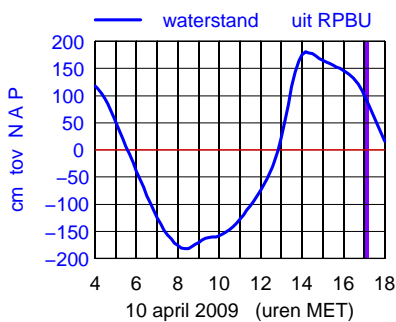
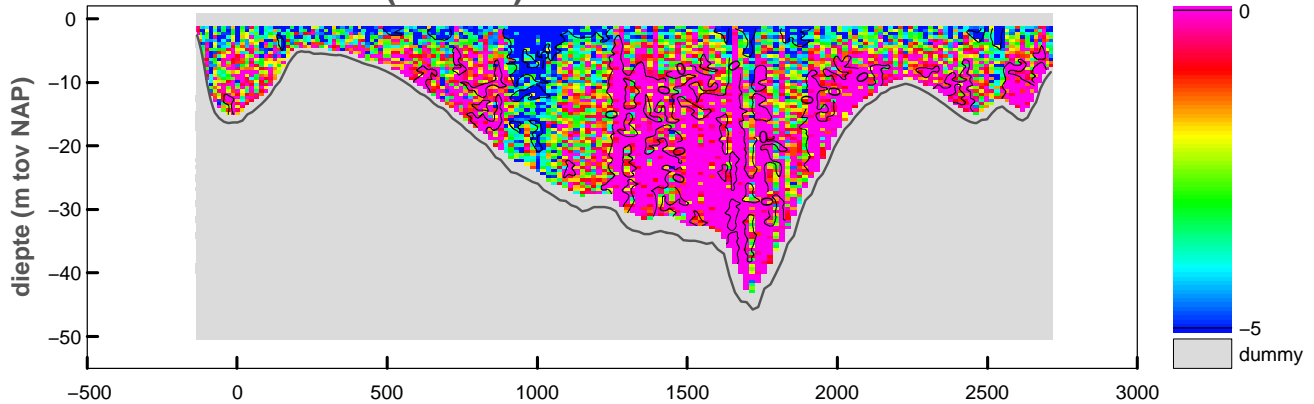
### snelheid loodrecht op de raai (cm/sec)



### snelheid evenwijdig aan de raai (cm/sec)



### vertikale snelheid (cm/sec)



maximum gemiddelde stroom-  
snelheid in de vertikaal

afstand uit nulpunt : 2712 m

stroomsnelheid : 66 cm/sec

stroomrichting : 300°

doorstroomoppervlak : -60181 m<sup>2</sup>

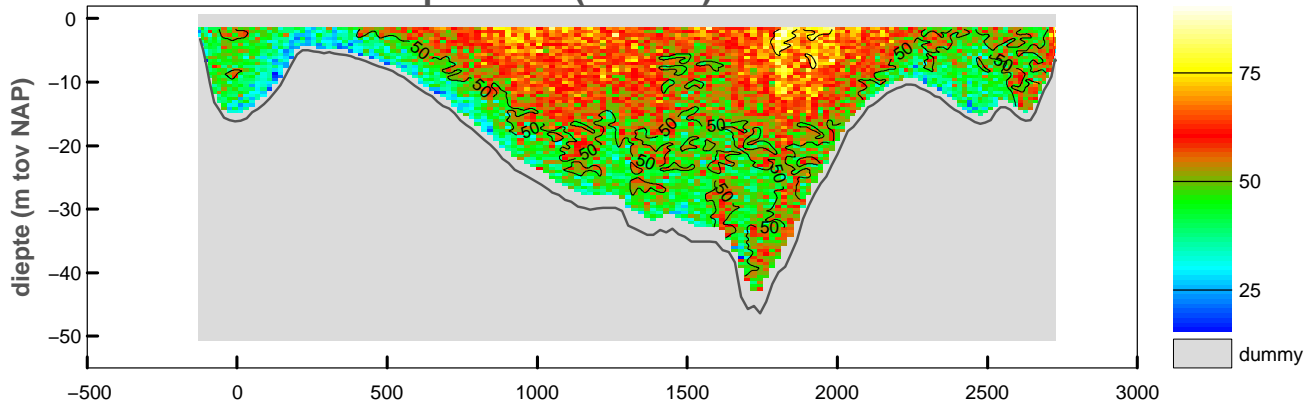
raaidebiet : 24872 m<sup>3</sup>/sec

adcpfile :2001m046t.val

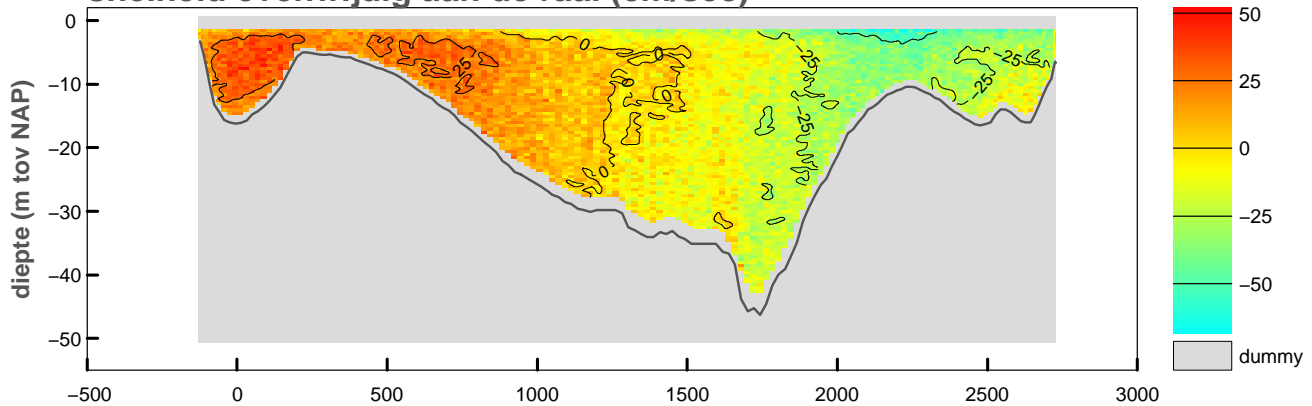
Debietraai 11 Roompot West dd 10 april 2009  
 adcpfile : 2001m047t.val

tijd : 1714 – 1725

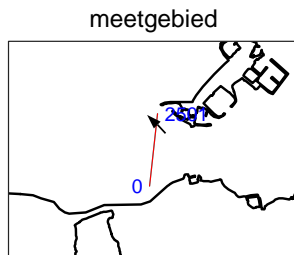
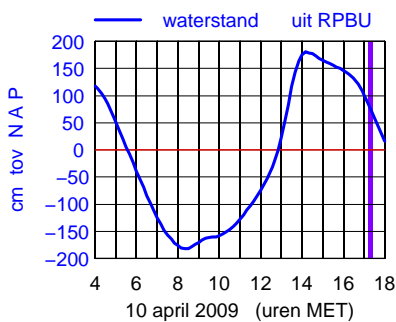
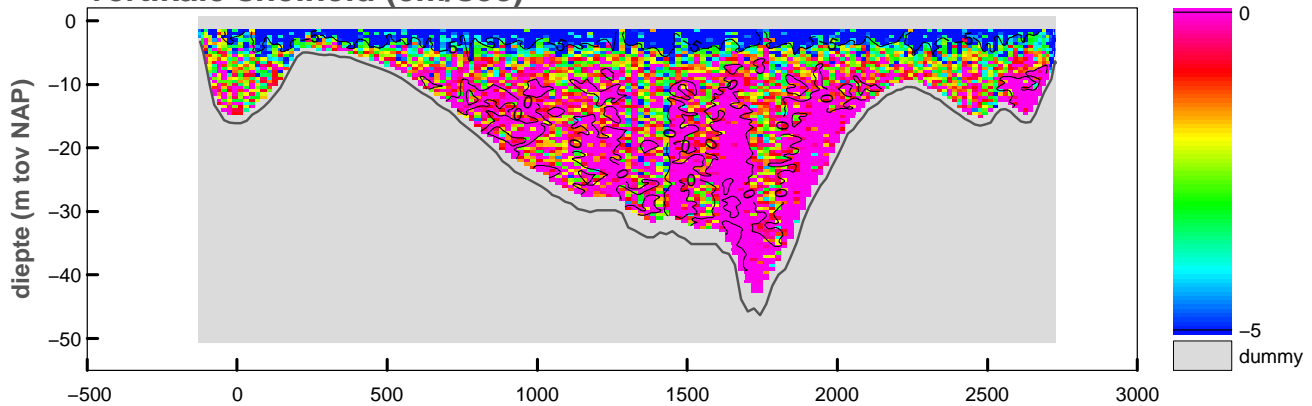
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**

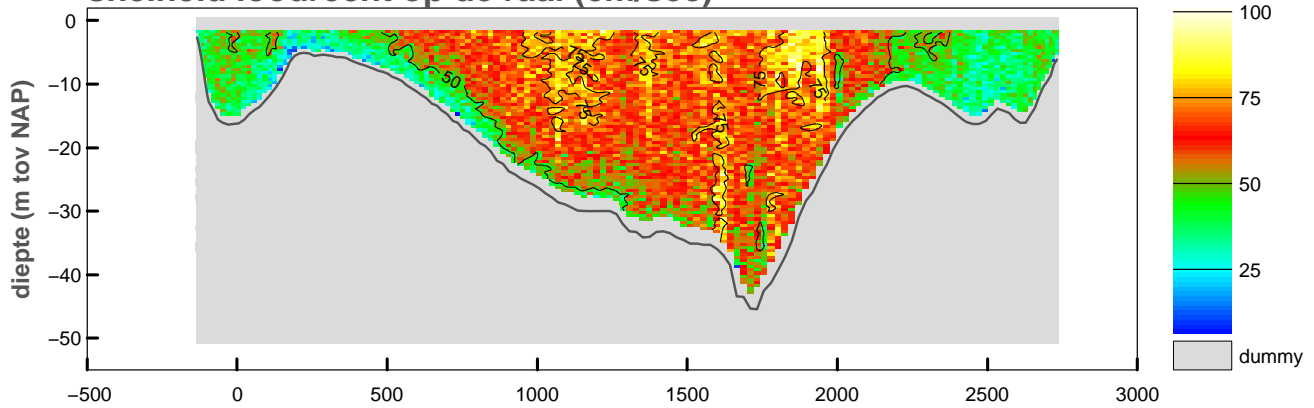


maximum gemiddelde stroom-  
 snelheid in de verticaleal

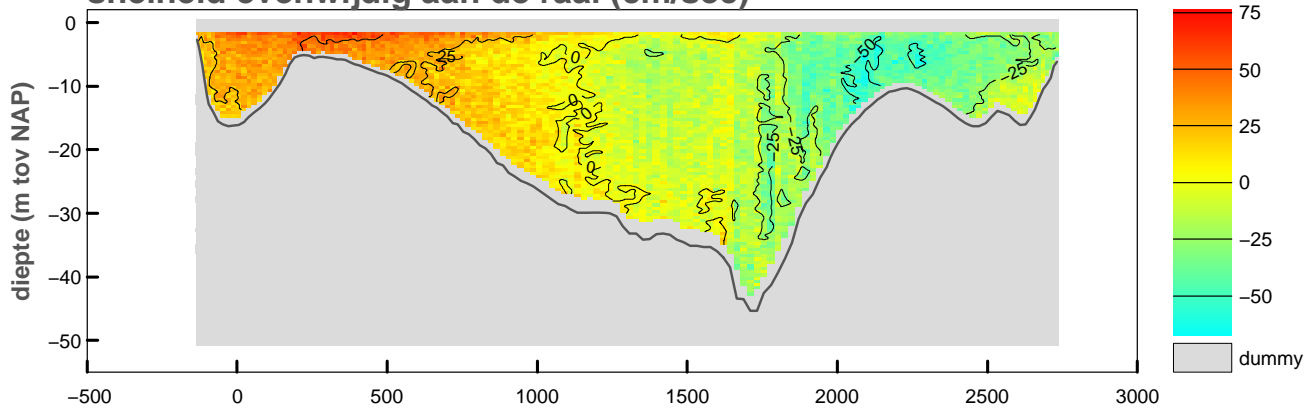
afstand uit nulpunt : 2150 m  
 stroomsnelheid : 73 cm/sec  
 stroomrichting : 316°

doorstroomoppervlak : -59645 m<sup>2</sup>  
 raaidebiet : 30206 m<sup>3</sup>/sec

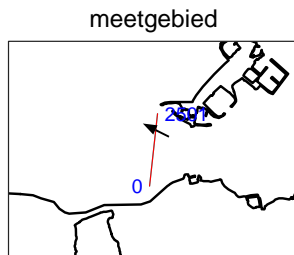
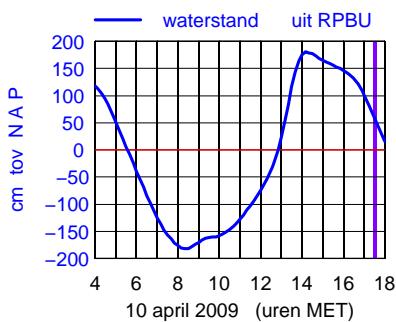
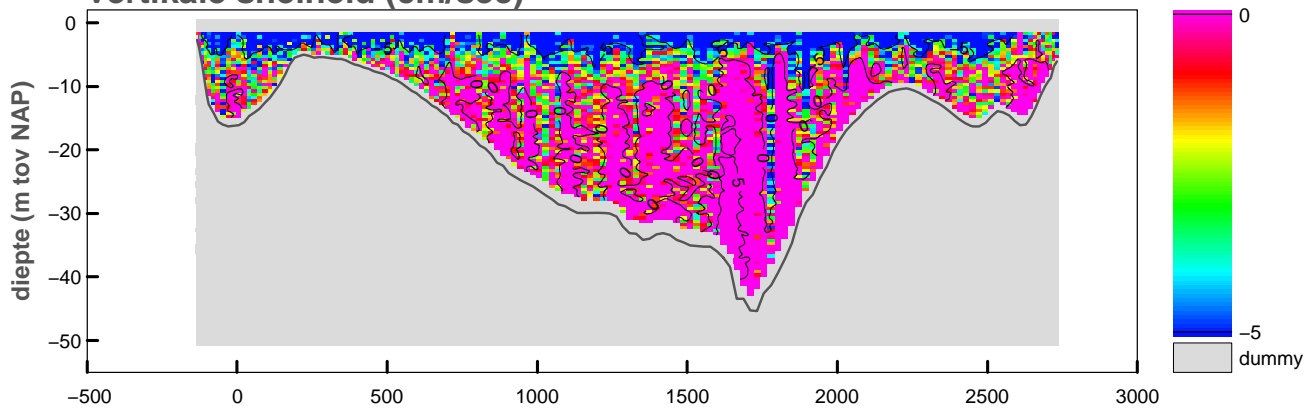
**snelheid loodrecht op de raai (cm/sec)**



**snelheid evenwijdig aan de raai (cm/sec)**



**vertikale snelheid (cm/sec)**



maximum gemiddelde stroom-  
 snelheid in de vertikaal

afstand uit nulpunt : 1942 m

stroomsnelheid : 81 cm/sec

stroomrichting : 296°

doorstroomoppervlak : -59211 m<sup>2</sup>

raaidebiet : 34046 m<sup>3</sup>/sec



# **Bijlage 7**

## **Profiel**

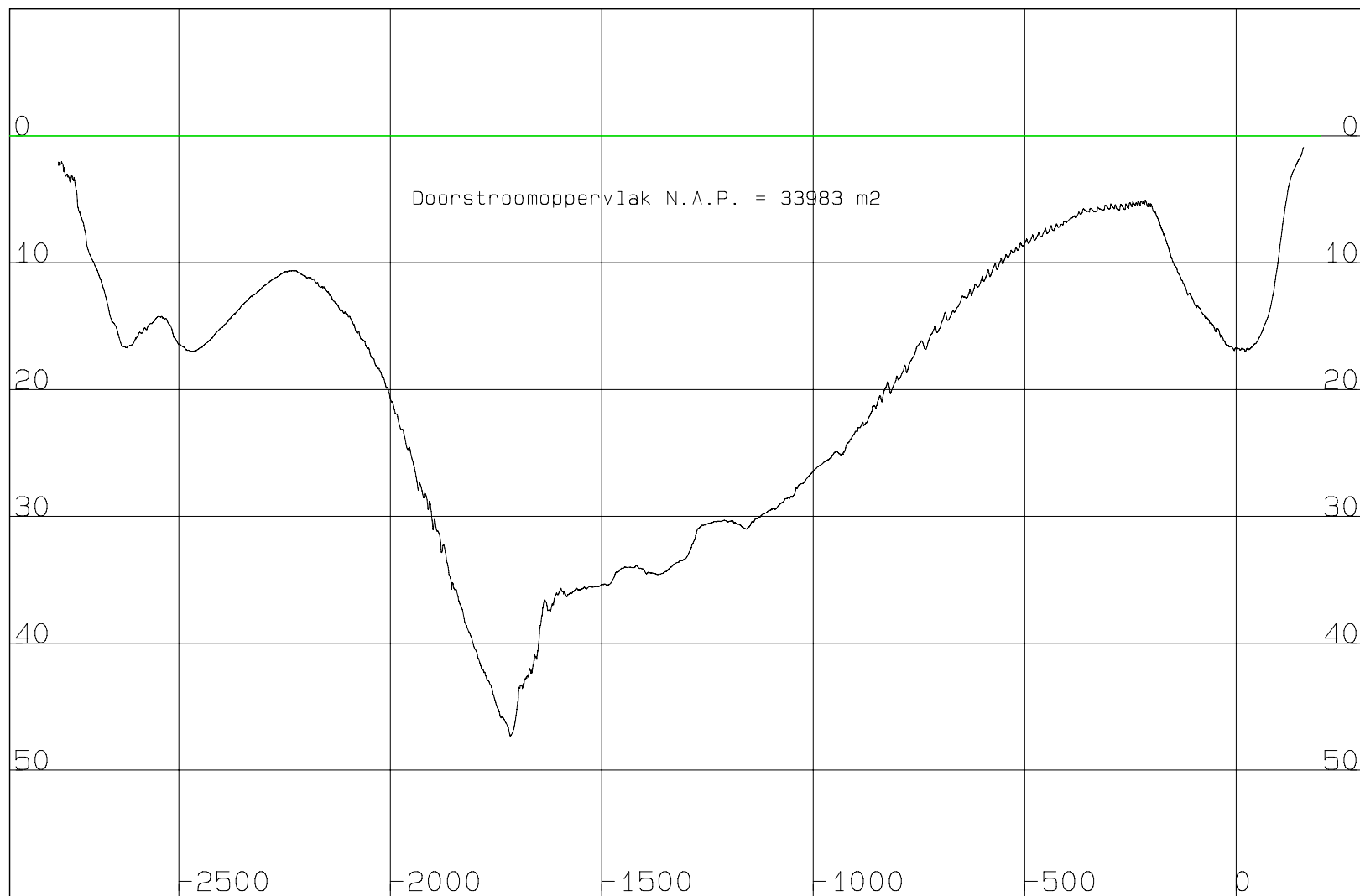
Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

2001m0801 Debietraai 11  
Opname 10 april 2009

\_\_\_ = RAAI\_11\_POINTS  
\_\_\_ = THEOR\_PROF



# **Bijlage 8**

## **Debiet**

Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

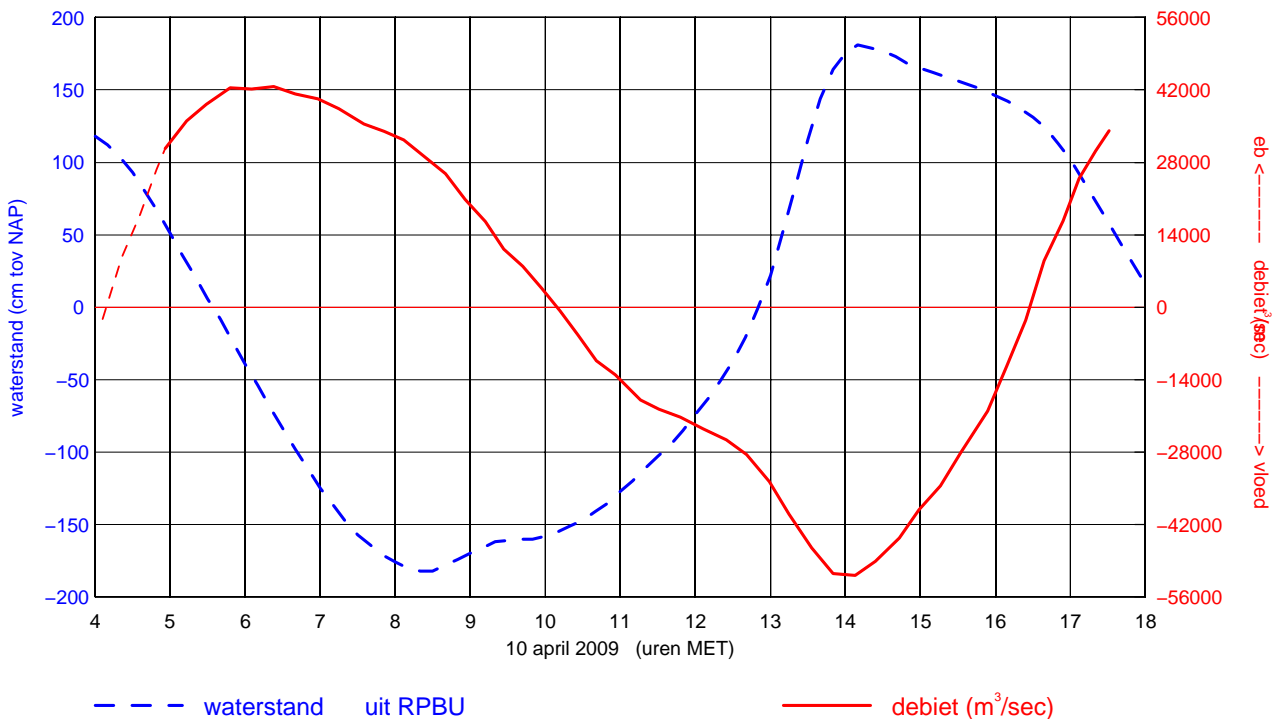
lokatiennaam :RPBU

soort/fase :Q3O2

omschrijving:debiet in m<sup>3</sup>/sec

	00	10	20	30	40	50
04	-5352	917	8818	14556	20545	27183
05	31922	35024	37370	39358	41040	42362
06	42247	42308	42543	42059	41266	40696
07	40023	38938	37657	36183	34989	34077
08	33070	31759	29761	27764	25767	22711
09	19810	17143	13712	10529	8371	5619
10	2717	-184	-3419	-6729	-10029	-11984
11	-14037	-16460	-18395	-19597	-20559	-21557
12	-22806	-23997	-25099	-26533	-28300	-31064
13	-34048	-38004	-41800	-45435	-48571	-51494
14	-51686	-51500	-49795	-47679	-45287	-42222
15	-38927	-36172	-32926	-28941	-25202	-21524
16	-16613	-10860	-4936	2054	9498	14638
17	20469	26103	30207	33697		

datum	tijd	ebvolume ( m <sup>3</sup> )	vloedvolume ( m <sup>3</sup> )
20090410	0409 – 1009	612 630 208	
20090410	1009 – 1627		- 638 687 872



## **Bijlage 9**

### **Presentatie meetgebied**

Debietraai 11 Roompot West

2001m0801

Notitie: ZLMD-08.N.010

X35000

X37500

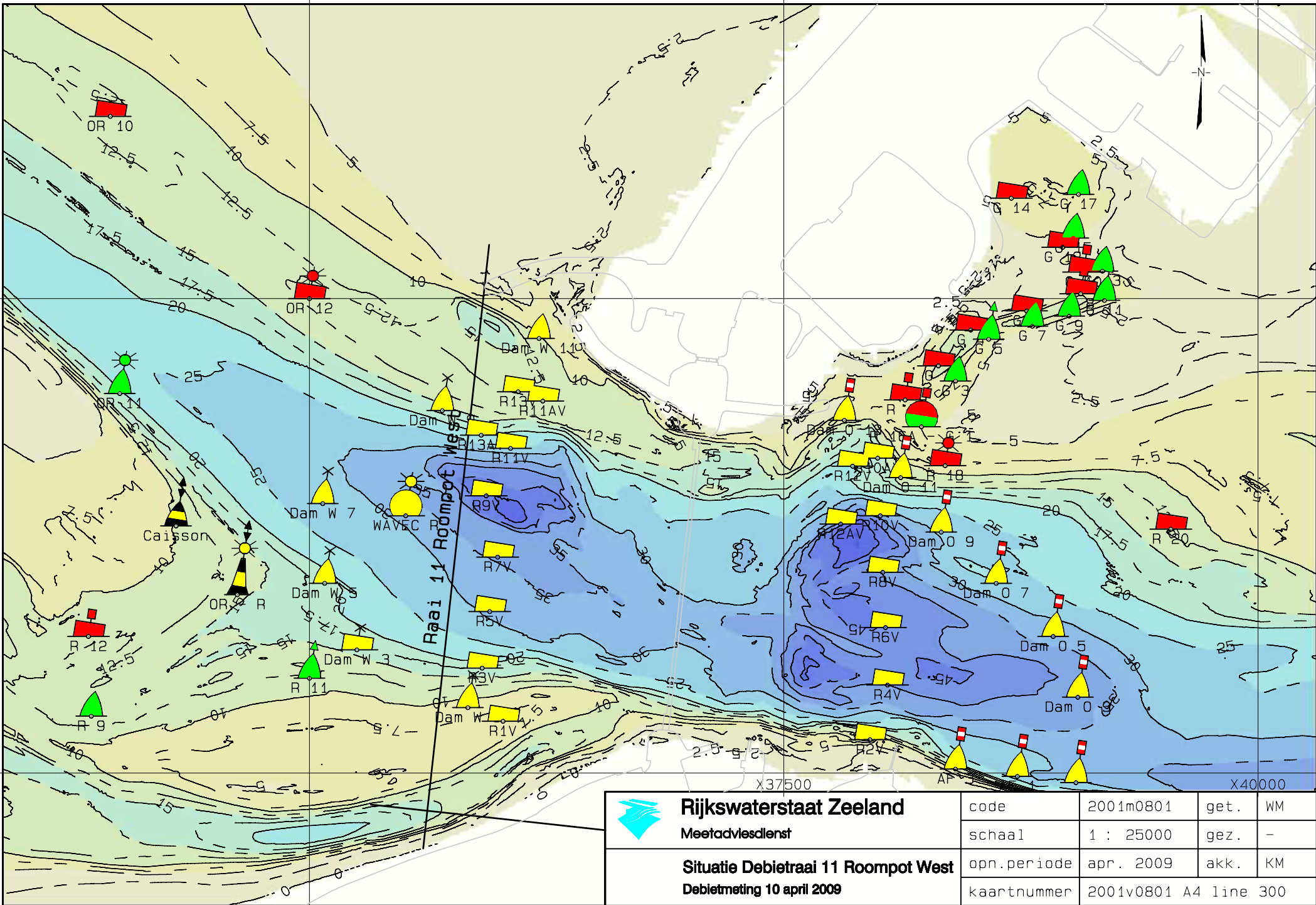
X40000


Y405000

Y405000

Y402500

Y402500



 <b>Rijkswaterstaat Zeeland</b> Meetadviesdienst	code	2001m0801	get.	WM
	schaal	1 : 25000	gez.	-
<b>Situatie Debietraai 11 Roompot West</b> Debietmeting 10 april 2009	opn.periode	apr. 2009	akk.	KM
	kaartnummer	2001v0801 A4 line 300		

X35000

