



Ministerie van Verkeer en Waterstaat

Directoraat-Generaal Rijkswaterstaat

Presentatie Meetresultaten

Debietmeting Raai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Afdeling Uitvoering
Maart 2010

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1 Algemeen

In het kader van het project Monitoring debietraai VII werd op 18 februari 2010 een debietmeting uitgevoerd in de Schaar van Yerseke – Middelpmaat - Dortsman.

Deze stroommeting is varend uitgevoerd met behulp van een acoustic doppler current profiler (ADCP). Er is één meetraai gemeten, loopt tussen Zuid Beveland en Tholen. 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.

2 Uitvoering

De meetraai is op 18 februari 2010 van 05:43 uur t/m 18:40 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 uit het RMI-meetnet en is grafisch uitgezet tegen de tijd in bijlage 2.

De gemiddelde getijgegevens van STAV 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	1.80	-1.42	3.22
Gemiddeld getij	1.58	-1.39	2.97
Gemiddeld doottij	1.30	-1.26	2.56

Opgetreden getij station STAV				
datum	m.e.t.	hoogte in meters	tijverschil in meters	getijcoëfficiënt t.o.v. gemiddeld getij
17-02-2010	23.40	-1.47		
18-02-2010	06.00	1.89	vloed 3.36	1.31313
18-02-2010	12.06	-1.76	eb 3.65	1.22896
18-02-2010	18.17	1.80	vloed 3.56	1.19865

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

4 Weersomstandigheden

Tijdens de meting zijn er windgegevens gemeten te Stavenisse. Op 18-02-2010 was er een zwak tot matige wind, 3 a 4 beaufort uit zuid-zuidoostelijke richting.

In bijlage 3 is een grafiek gepresenteerd met de getij- en windgegevens van Stavenisse op 18 februari 2010.

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.

6 Bijlagen

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

Bijlage 1

Tabel overzicht metingen

Debietraai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Overzicht gevaren tracks raai VII Oosterschelde

ADCP file Nummer	Eb / Vloed /Kentering	Begintijd (M.E.T.)	Eindtijd (M.E.T.)	Koers (deg.)	Vaarsnelheid (knt)	Geluidssnelheid (M/s)
1	eb	05:43	06:03	278	3-4	1449
13		09:03	09:14			1448
28	eb	11:54	12:03	278		1447
29	vloed	12:03	12:13	98		
44		14:45	14:56			1448
55	vloed	17:07	17:21	98		
56	eb	17:51	18:19	278		
59	eb	18:41	19:03	278	3-4	1448

Bijlage 2

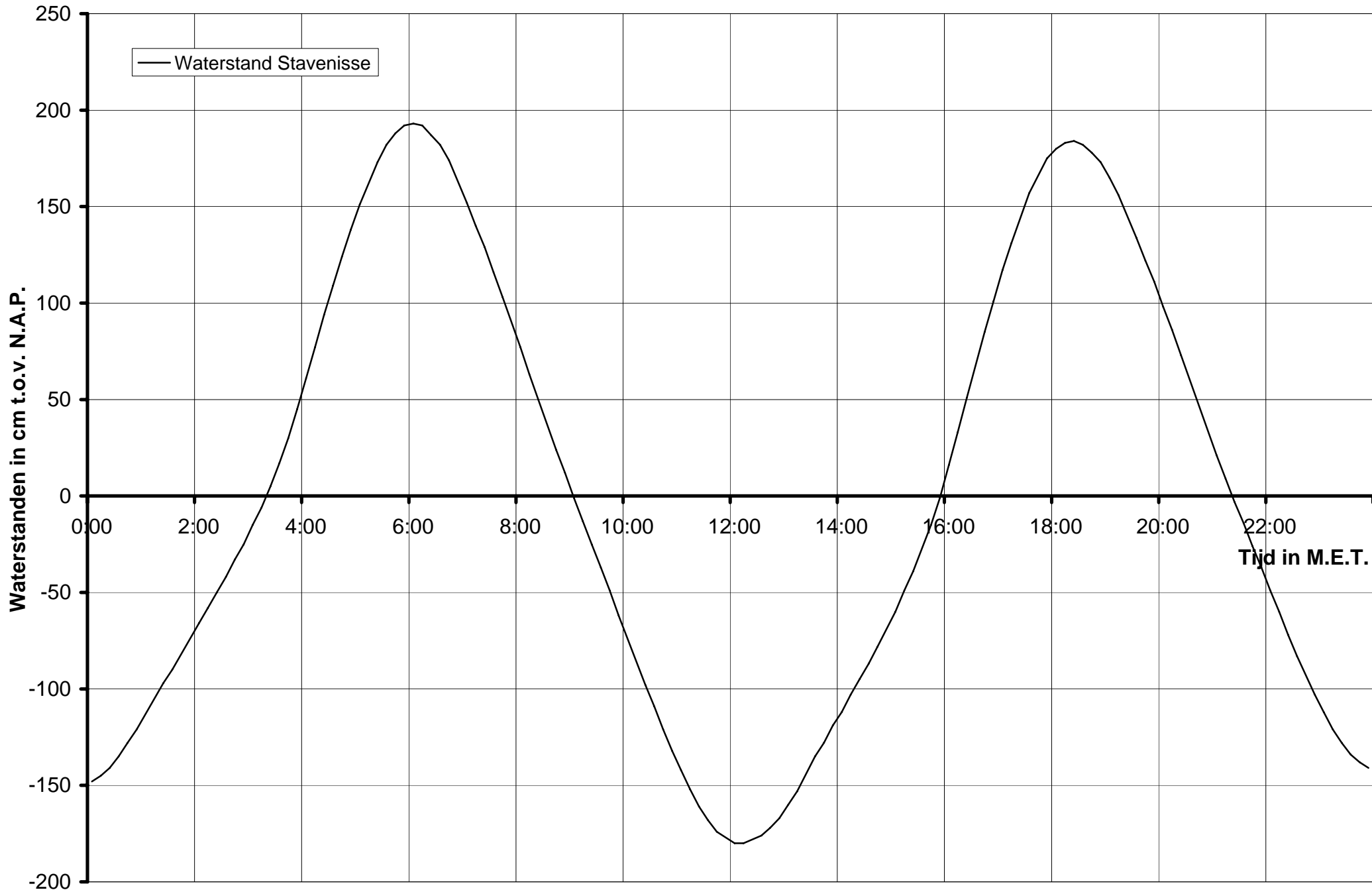
Getij en verval

Debietraai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Getij te Stavenisse op 18-02-2010



Berekende waterstanden uit Lokatie Yerseke

waterstanden Lokatie (9999) uit WTr2 YE
x= 60410. y= 394950.

		0	10	20	30	40	50
20100218	0000	-145	-142	-138	-132	-125	-118
	0100	-110	-102	-94	-87	-80	-72
	0200	-64	-56	-48	-40	-32	-24
	0300	-14	-5	6	18	31	45
	0400	61	77	93	108	123	136
	0500	149	159	170	179	184	188
	0600	189	188	183	178	169	159
	0700	148	136	125	112	100	87
	0800	74	61	48	35	22	11
	0900	-2	-14	-25	-37	-49	-62
	1000	-73	-85	-97	-108	-119	-130
	1100	-140	-150	-158	-165	-171	-173
	1200	-176	-176	-174	-172	-168	-163
	1300	-156	-149	-140	-131	-125	-116
	1400	-109	-100	-92	-84	-76	-67
	1500	-58	-47	-37	-25	-14	0
	1600	17	34	51	68	85	100
	1700	116	129	142	155	163	172
	1800	176	179	180	178	174	169
	1900	161	152	141	130	118	108
	2000	95	83	70	58	45	32
	2100	19	8	-4	-15	-26	-37
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	2300	-110	-119	-126	-132	-135	-138

Bijlage 3

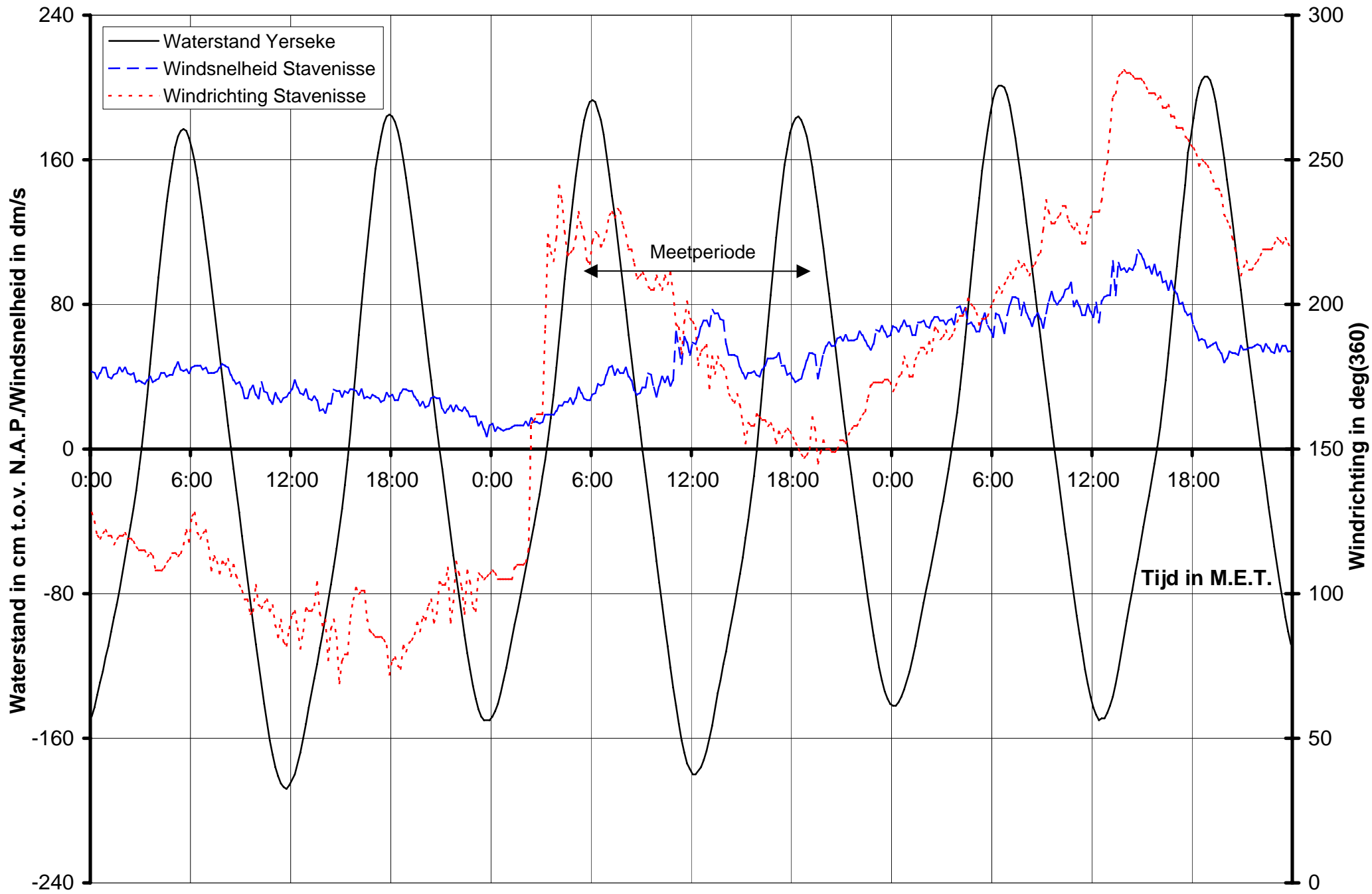
Getij en Wind te Yerseke en Stavenisse

Debietraai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Getijgegevens Yerseke en Windgegevens te Stavenisse van 17 t/m 19-02-2010



Bijlage 4

Overzicht stroomsnelheden en richtingen raai

Debietraai VII Oosterschelde

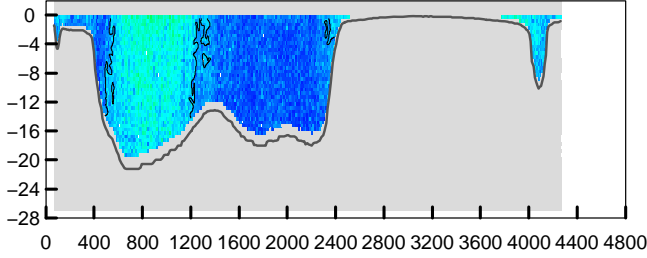
2402m1001

Notitie: ZLMD-10.N.003

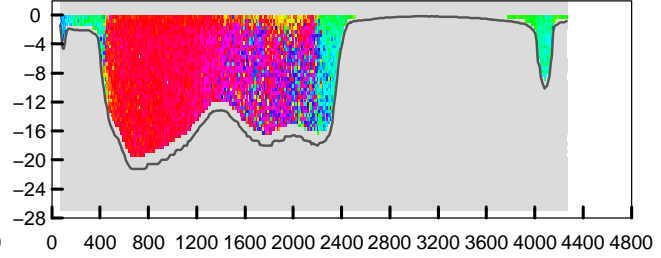
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

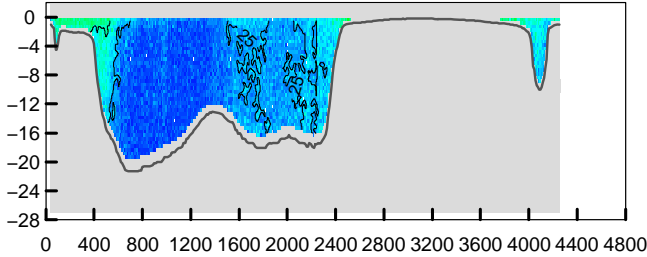
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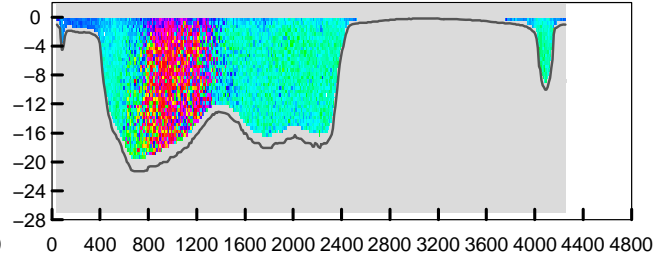
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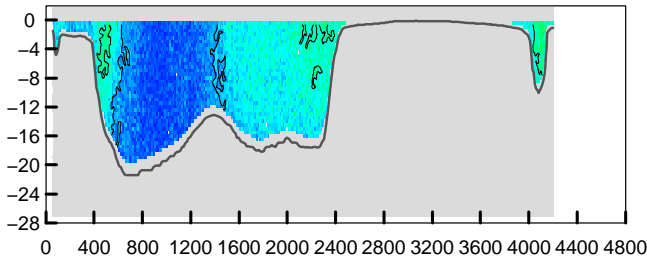
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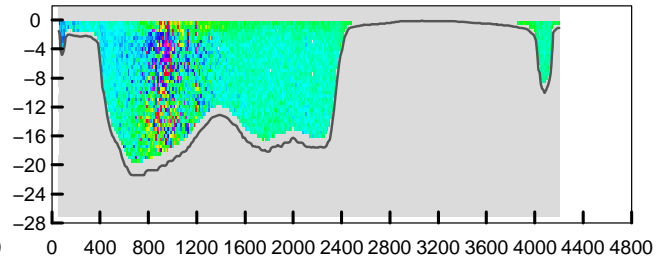
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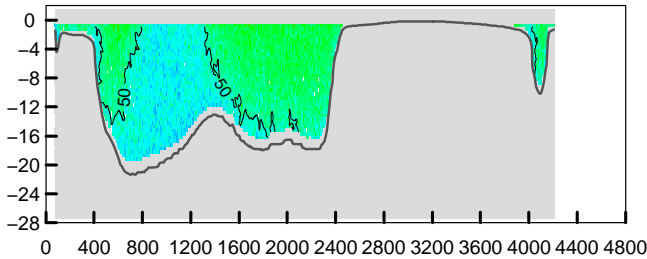
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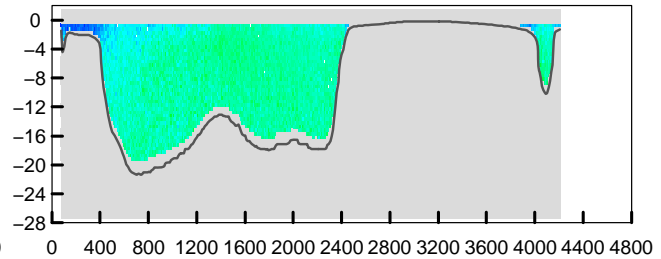
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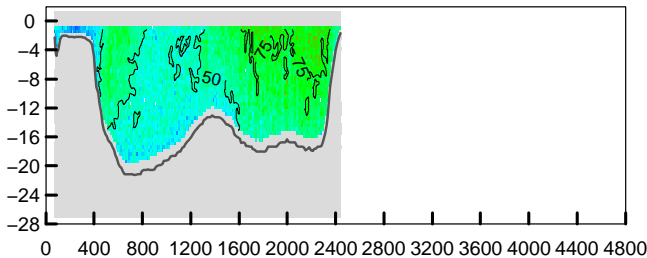
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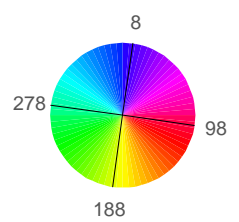
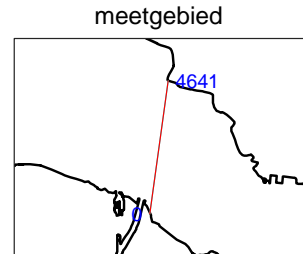
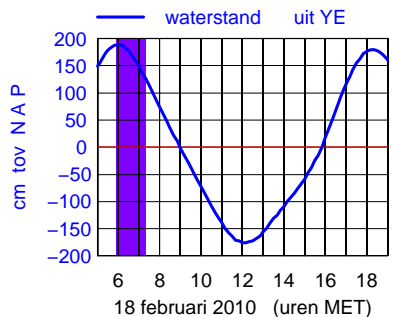
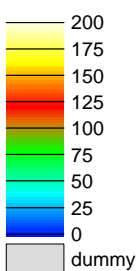
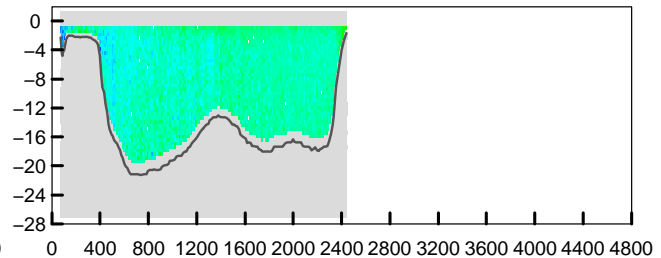
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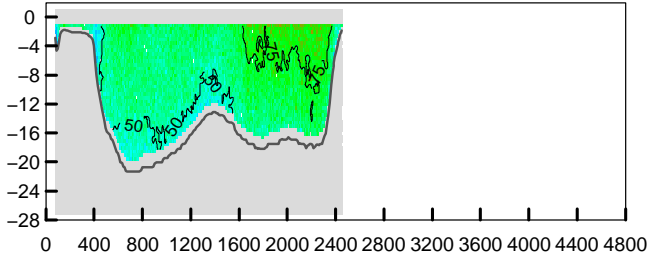
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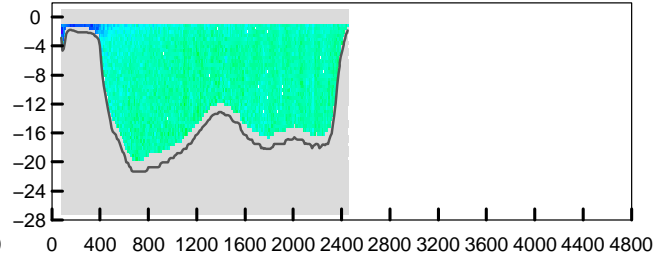
Debietraai VII Oosterschelde dd 18 februari 2010
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gemeten richting (° tov N)

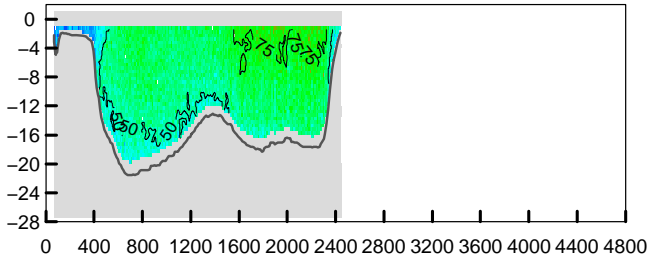
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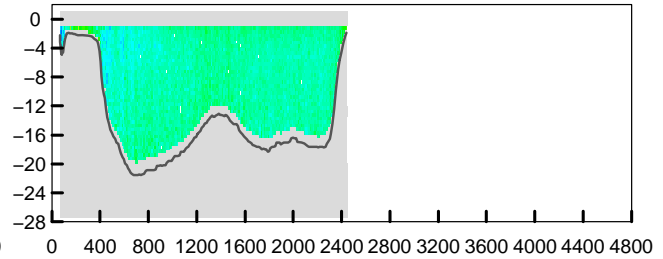
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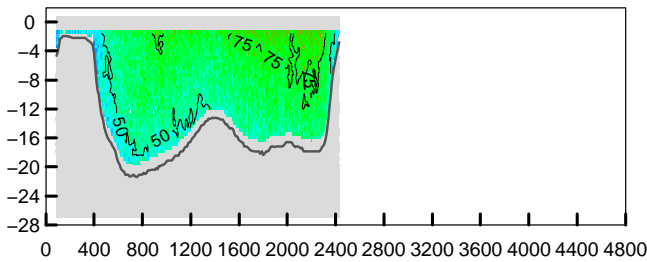
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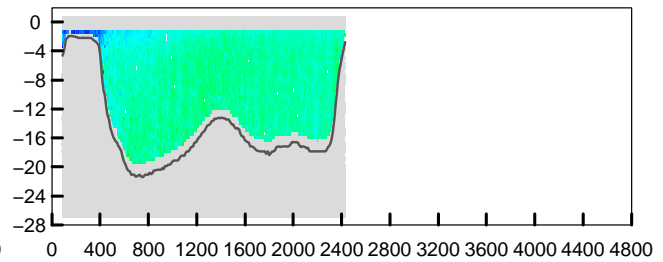
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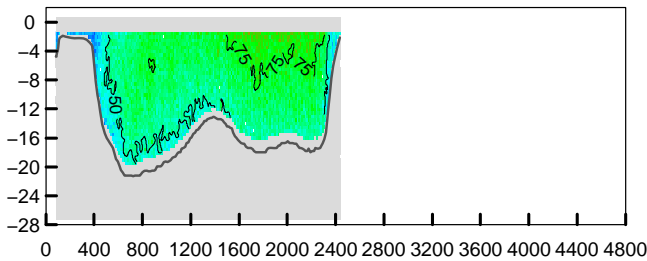
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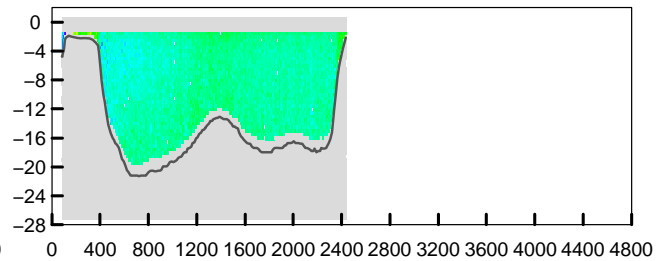
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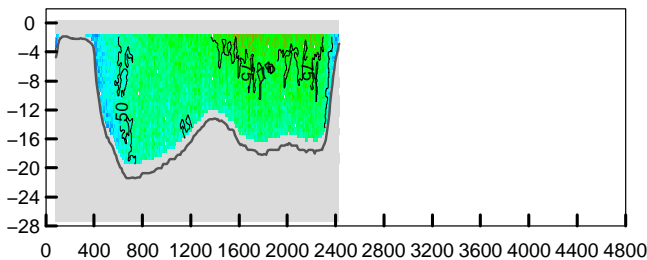
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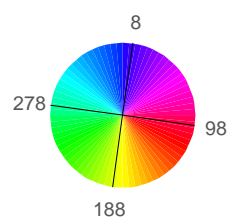
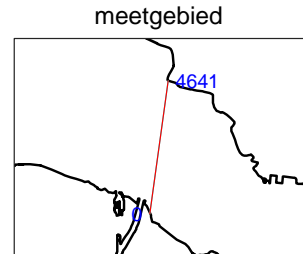
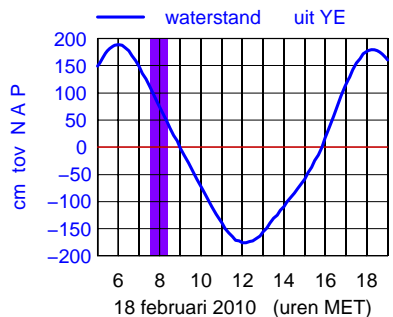
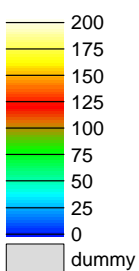
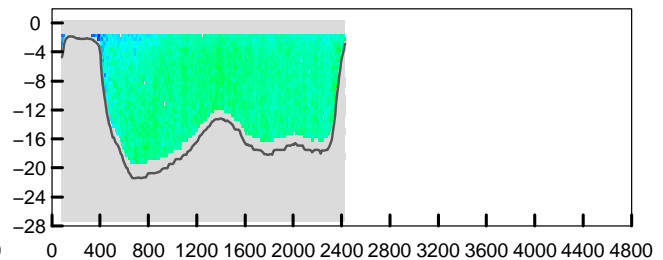
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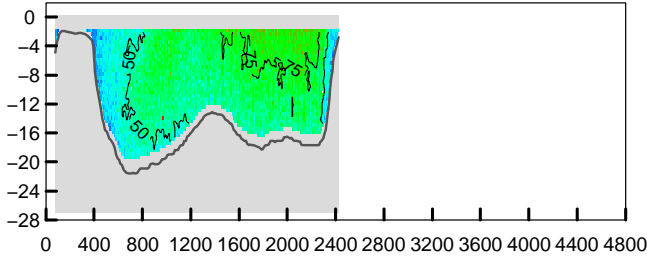
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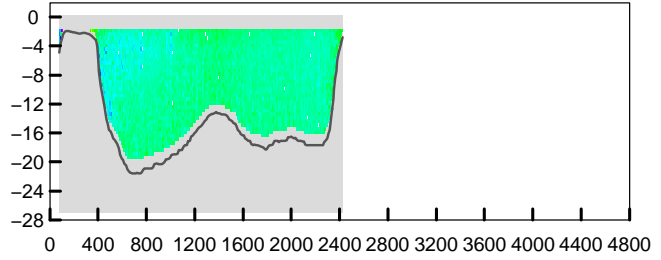
Debietraai VII Oosterschelde dd 18 februari 2010
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gemeten richting (° tov N)

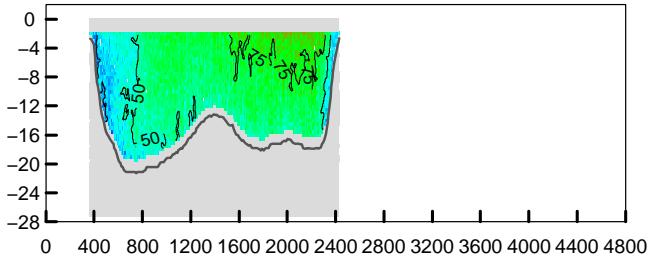
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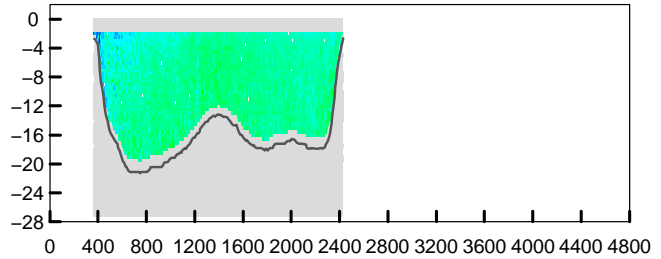
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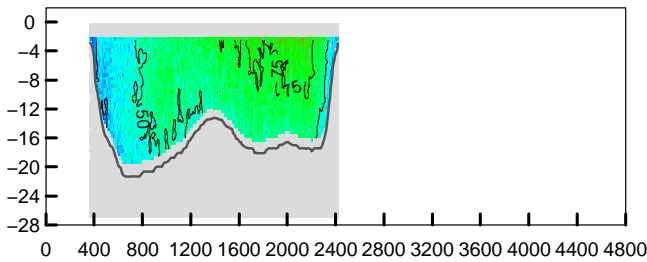
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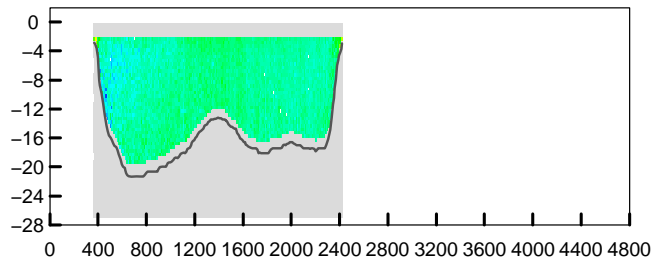
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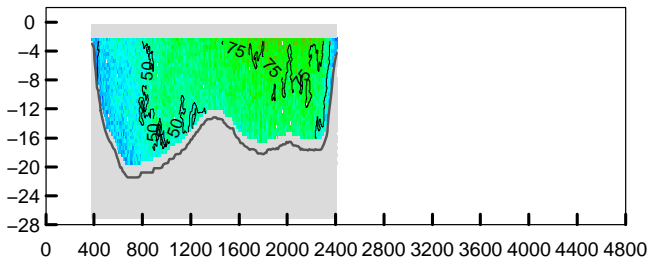
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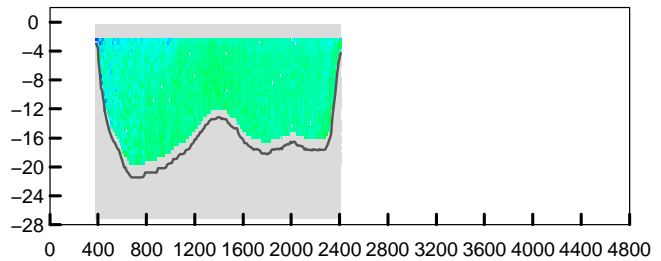
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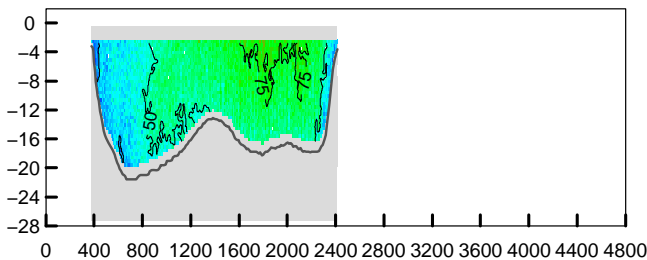
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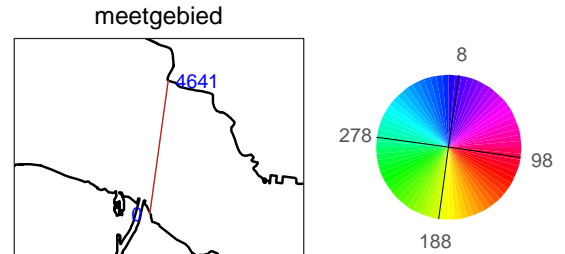
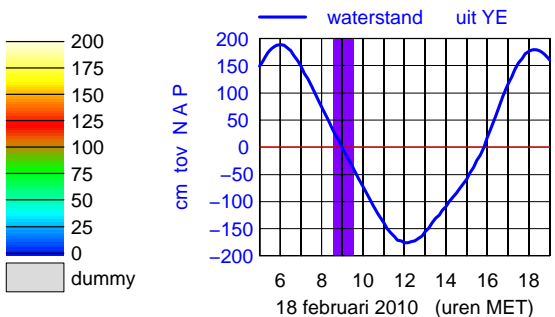
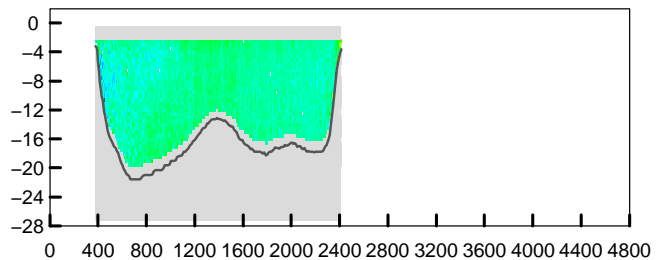
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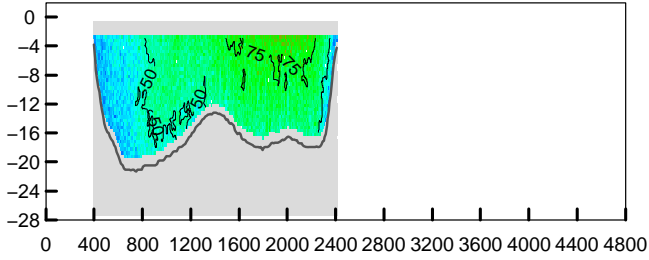
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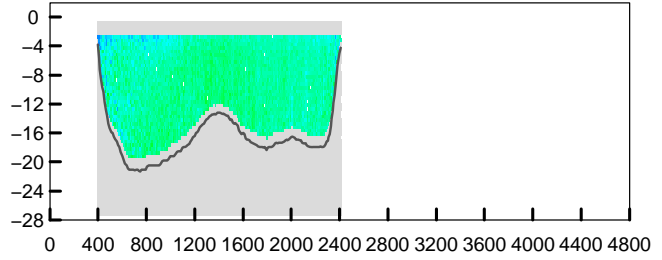
Debietraai VII Oosterschelde dd 18 februari 2010
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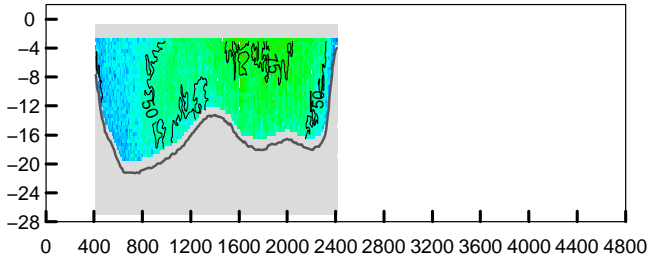
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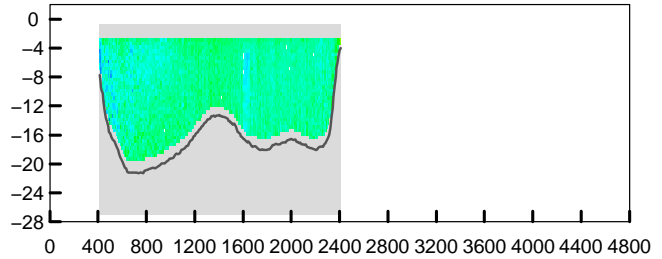
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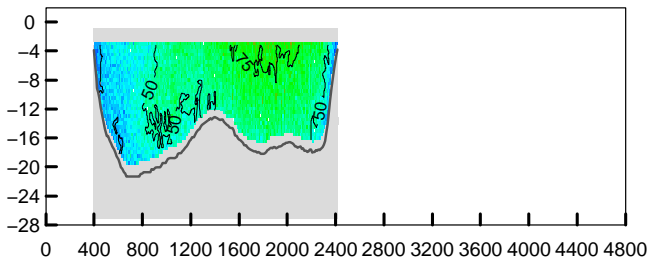
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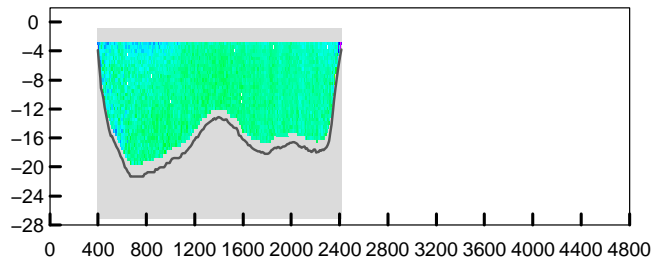
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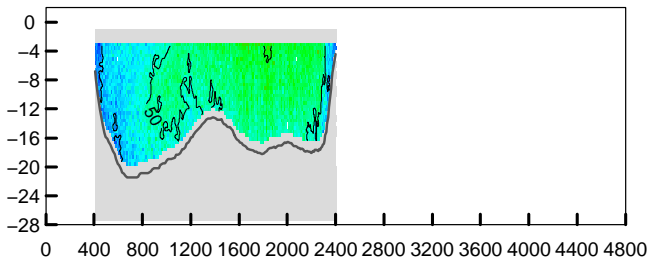
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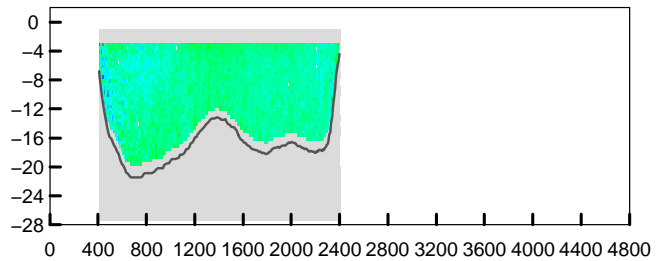
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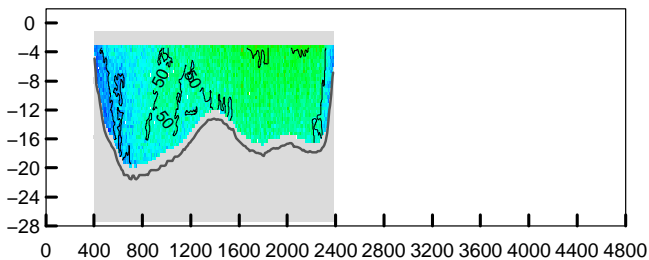
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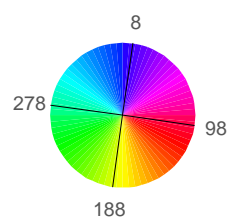
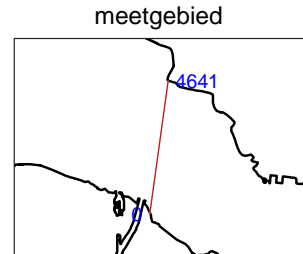
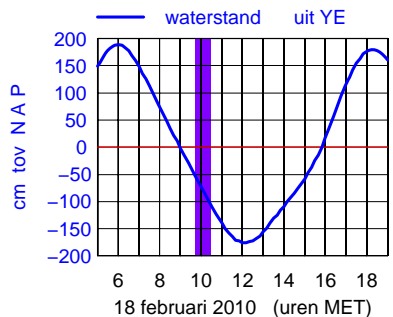
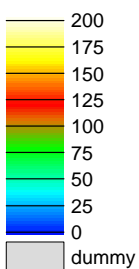
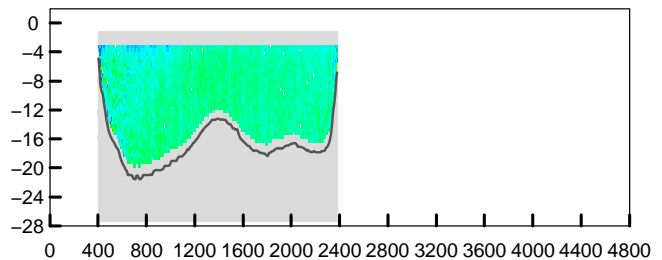
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adcpfile : 2402020t.val tijd : 1024 – 1034



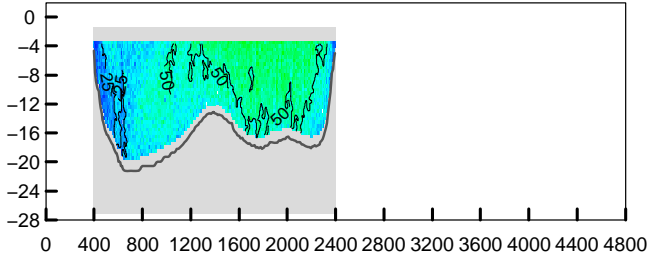
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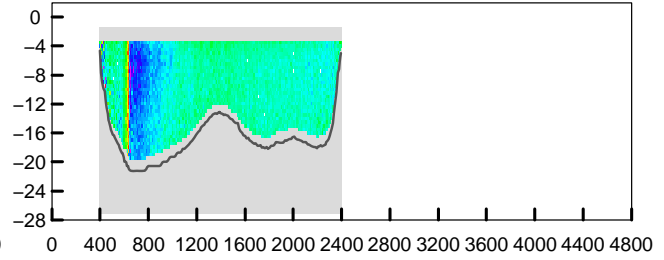
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

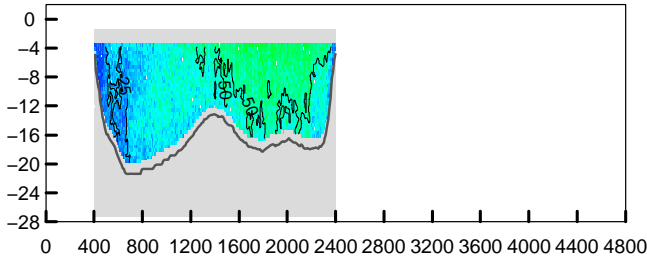
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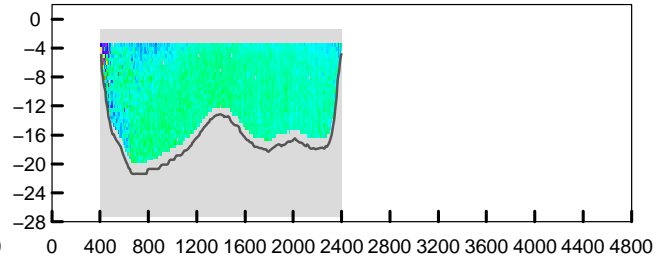
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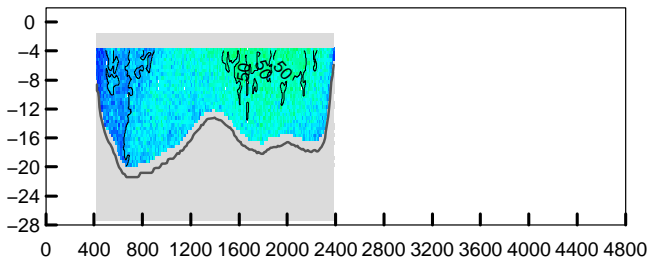
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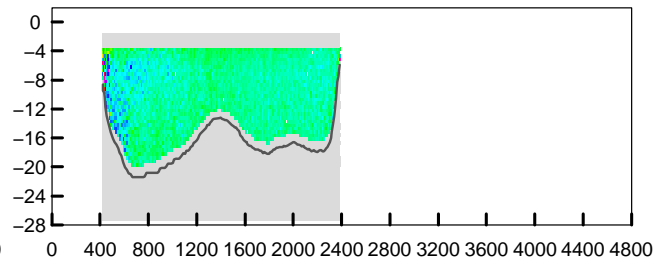
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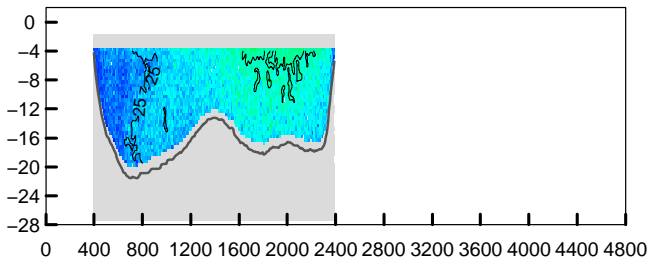
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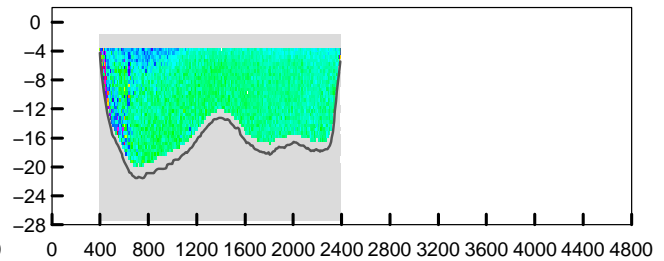
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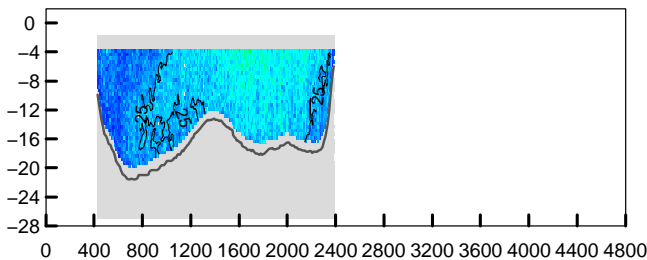
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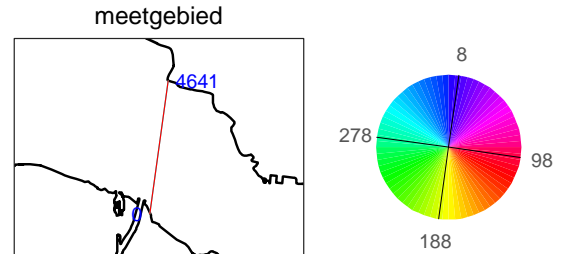
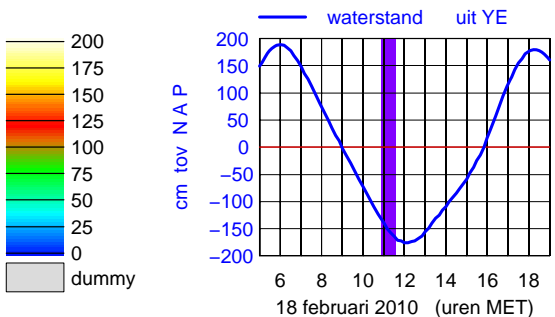
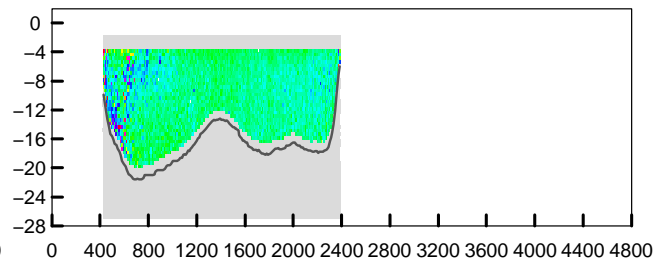
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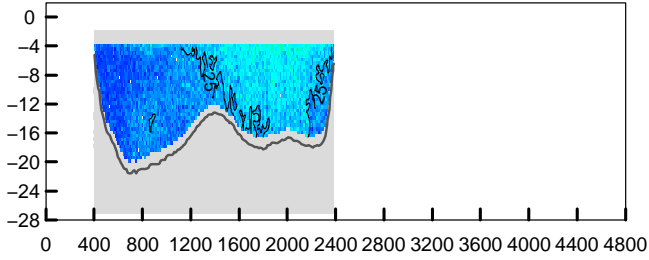
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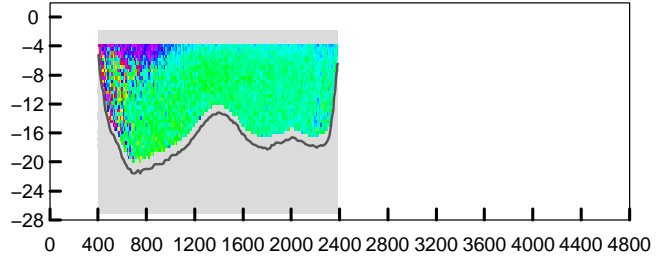
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

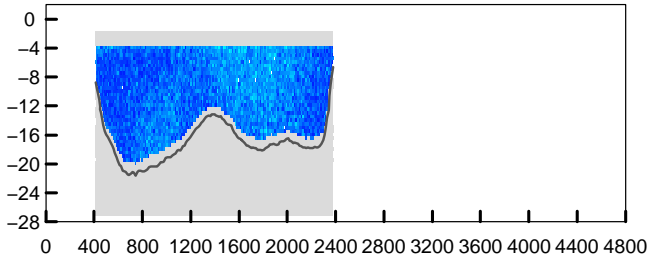
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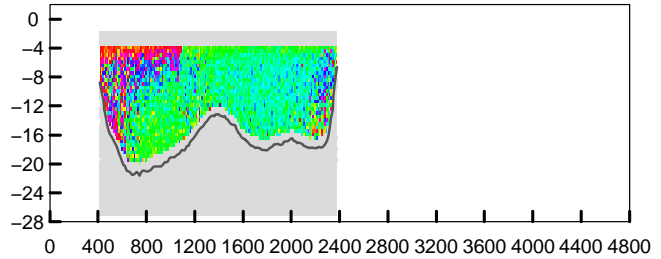
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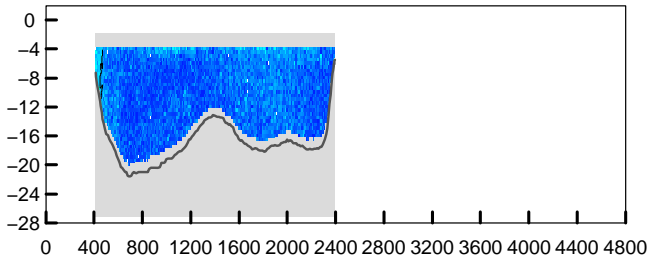
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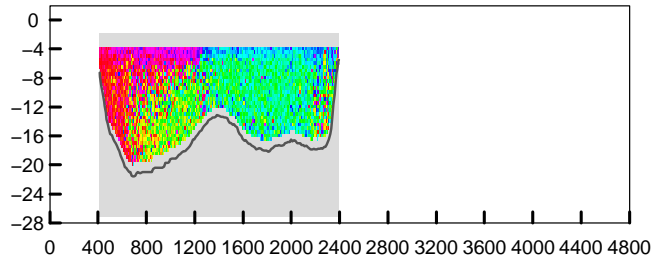
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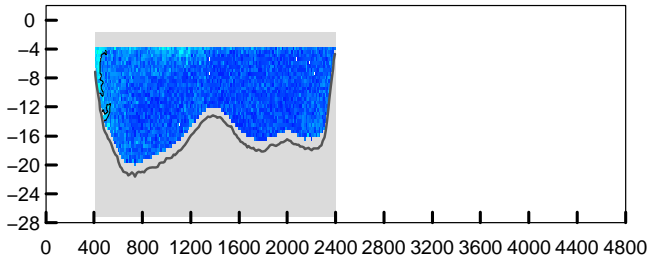
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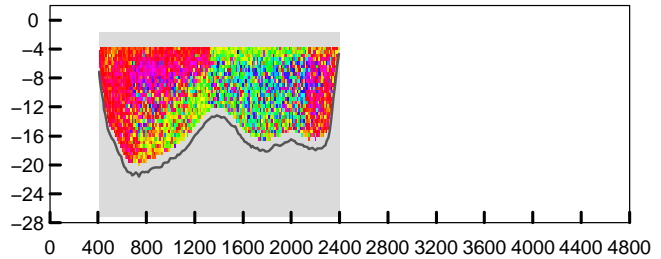
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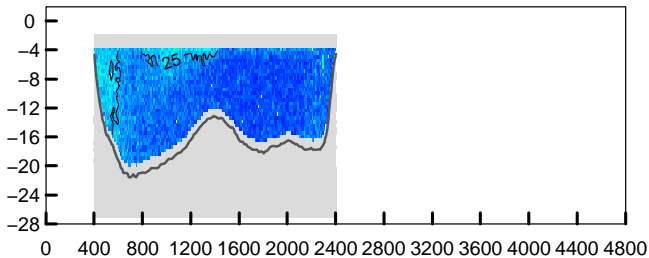
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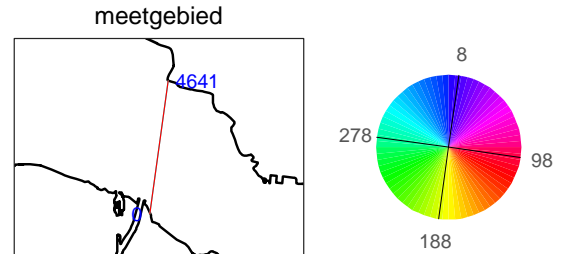
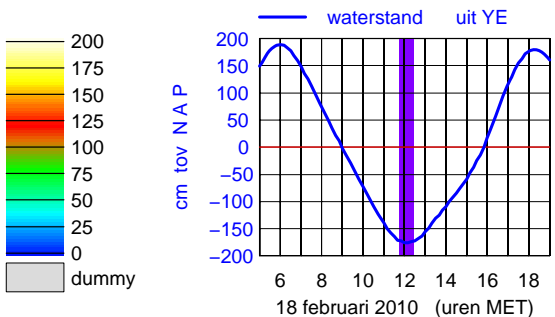
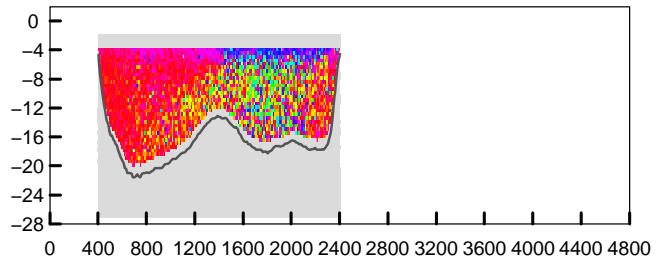
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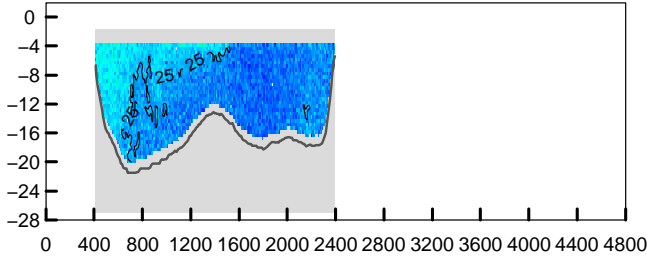
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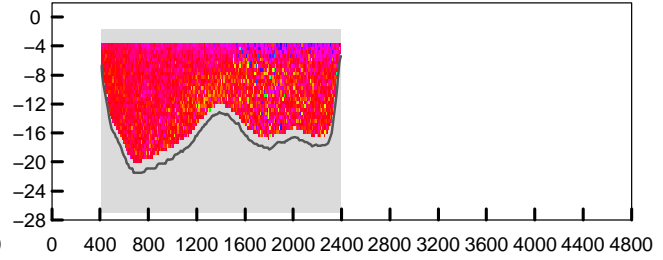
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 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

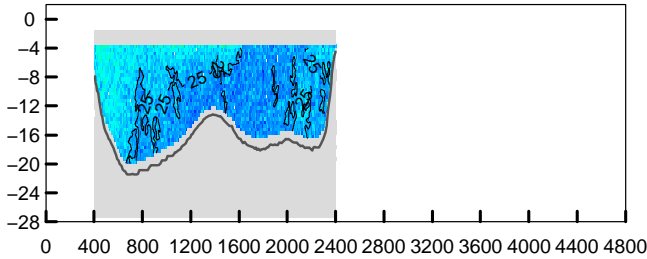
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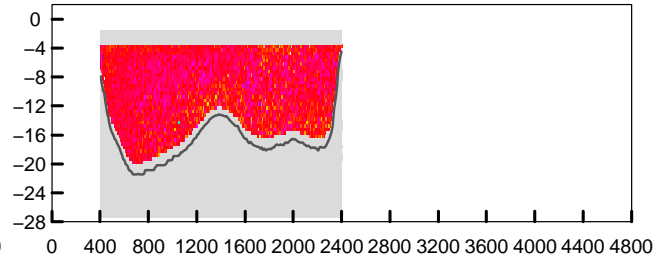
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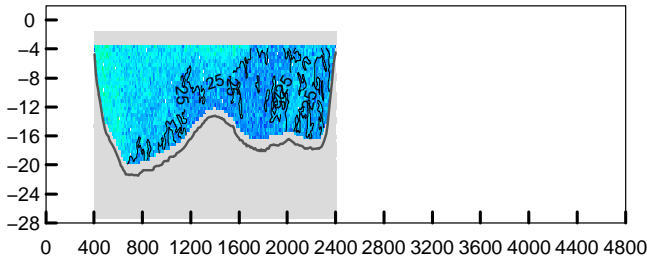
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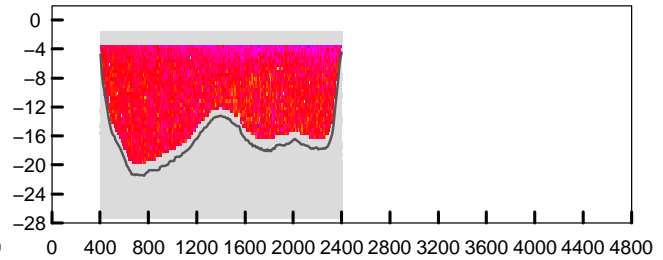
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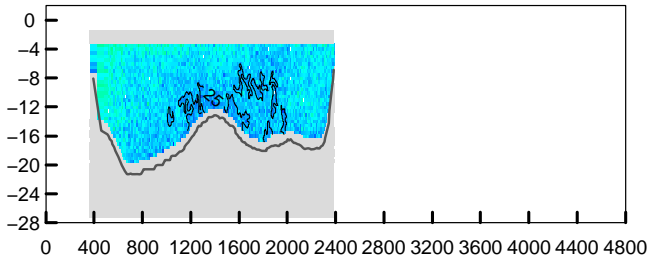
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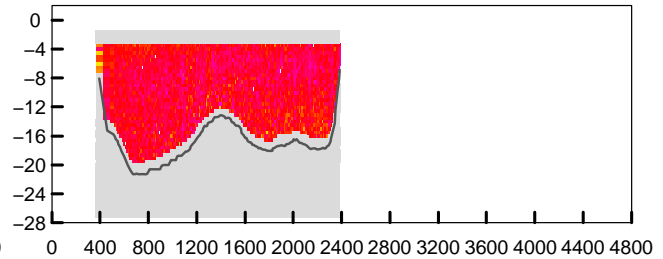
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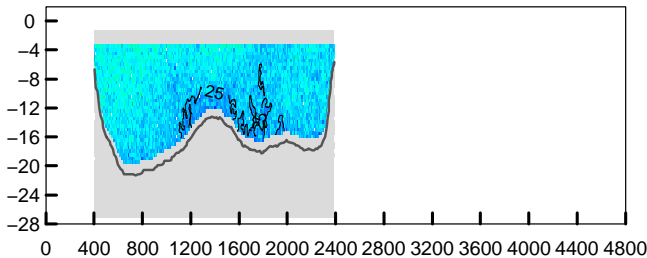
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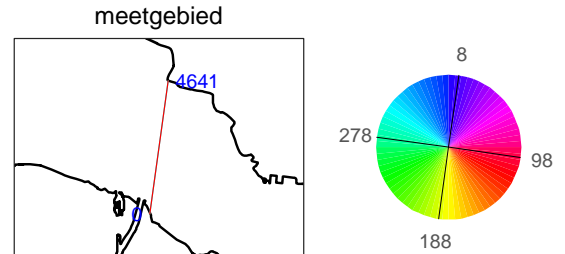
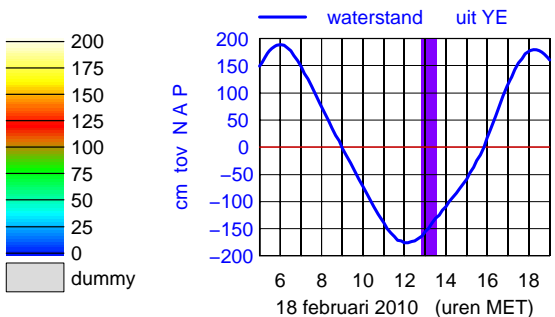
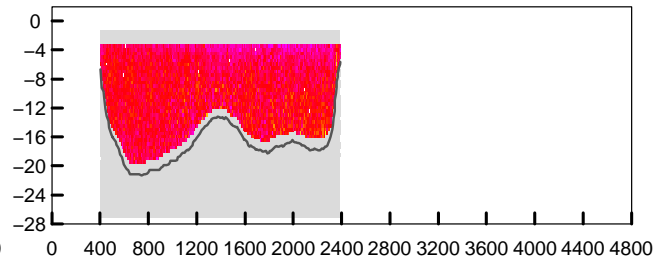
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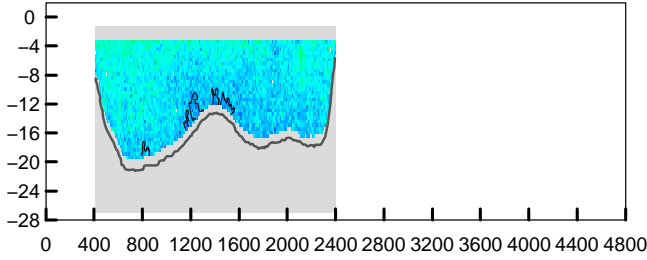
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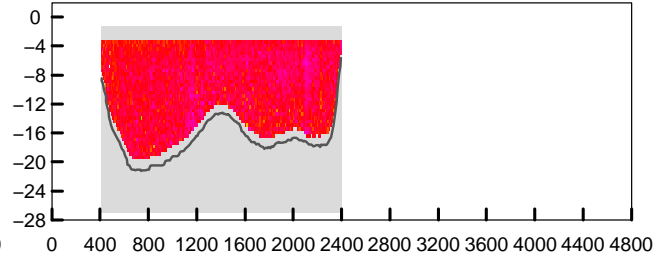
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

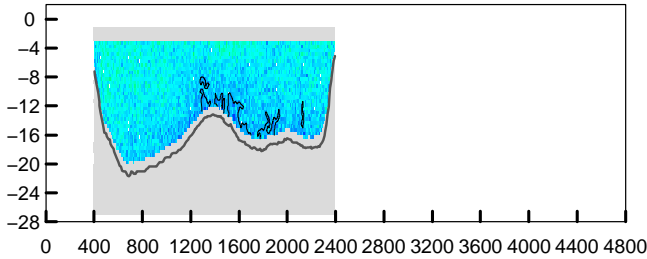
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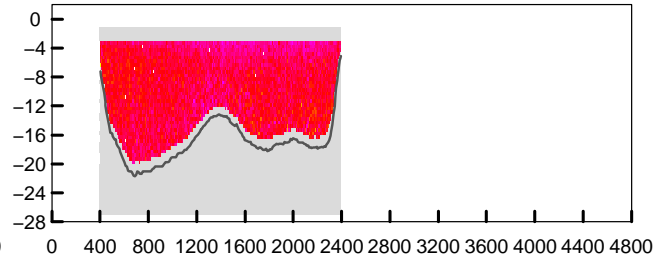
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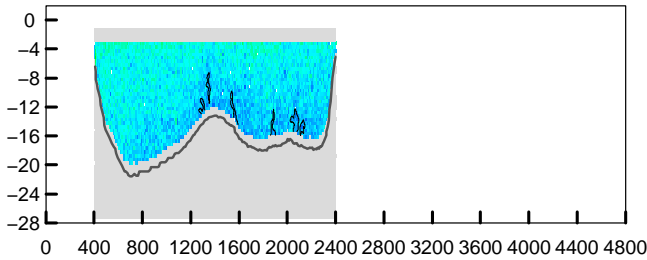
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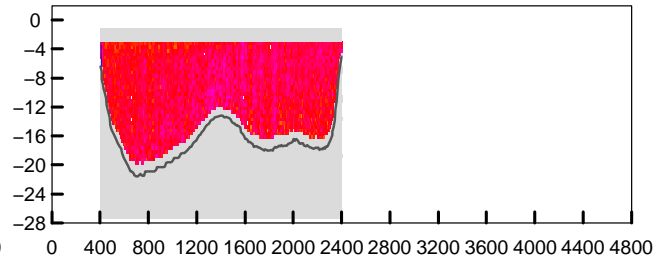
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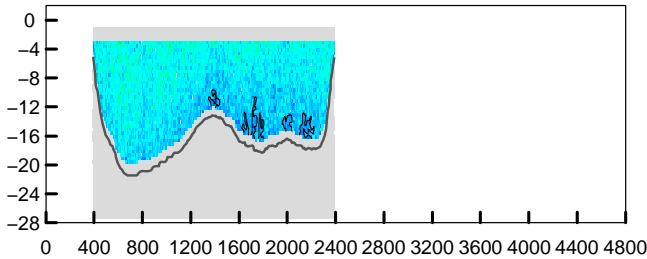
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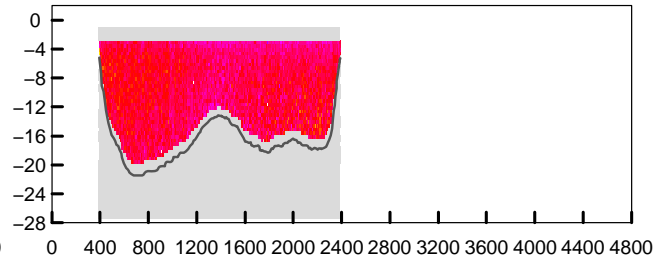
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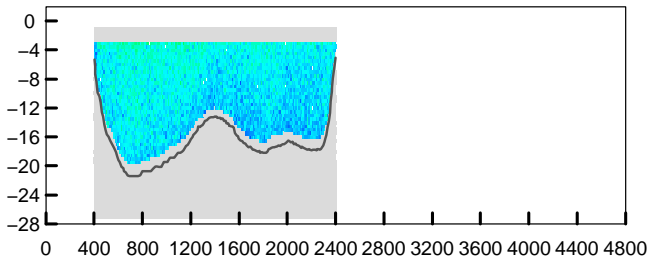
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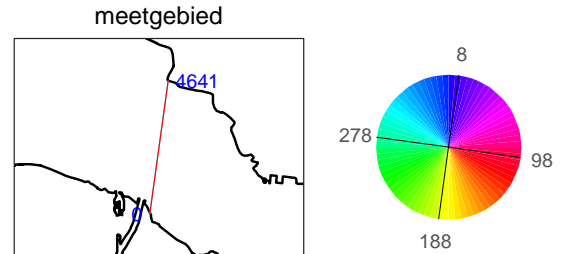
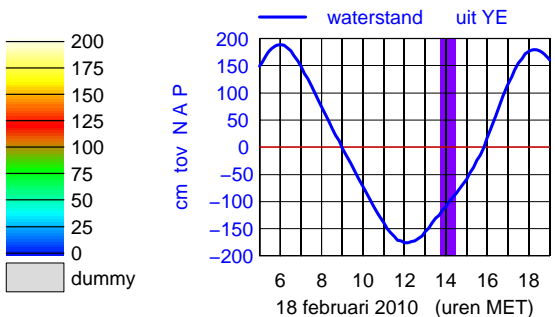
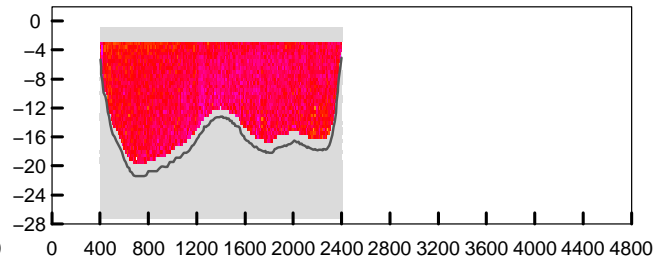
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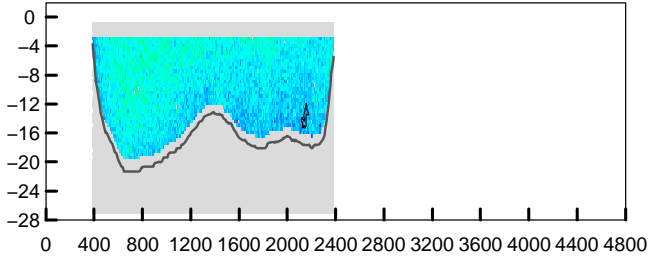
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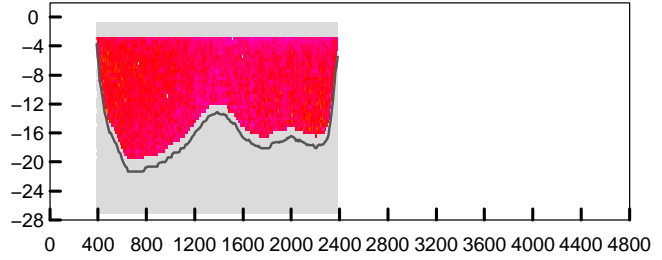
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

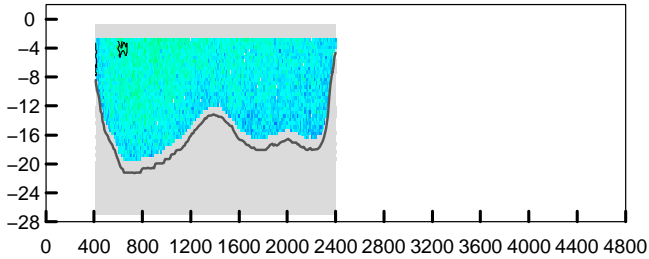
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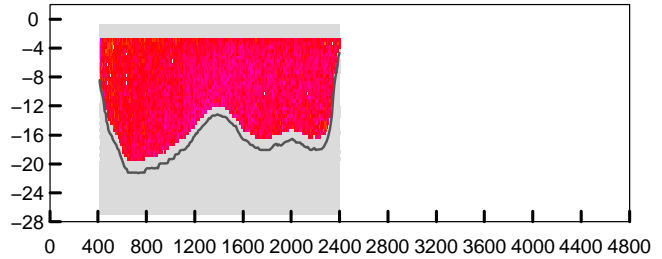
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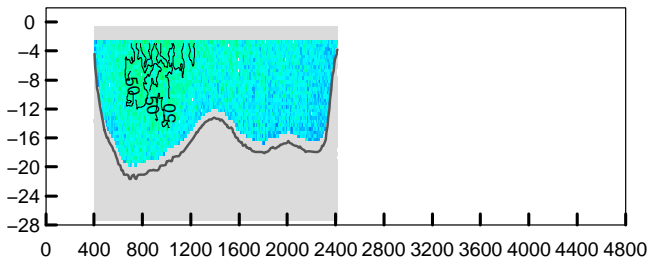
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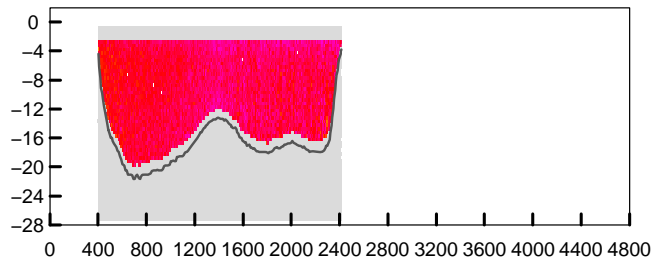
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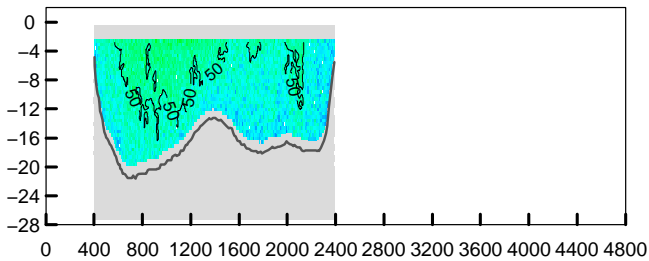
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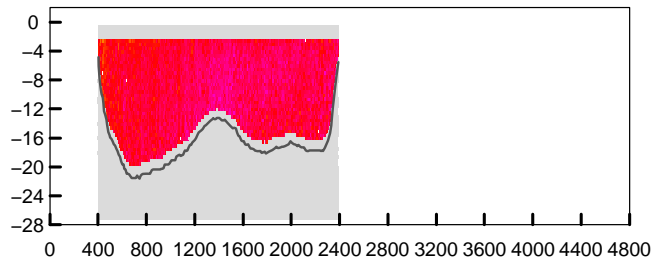
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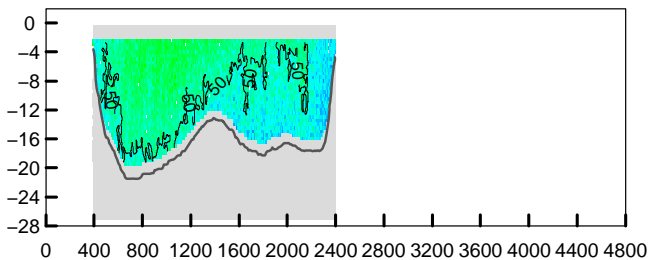
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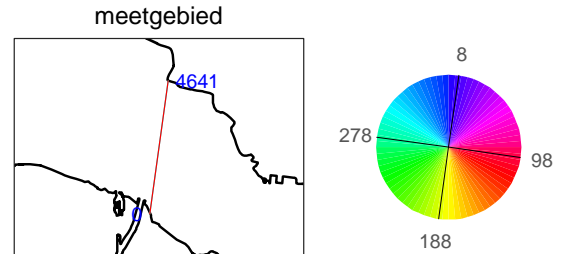
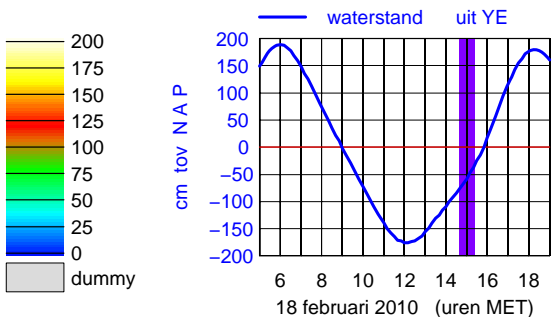
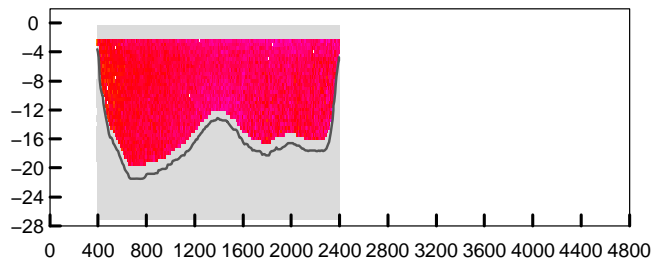
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adcpfile : 2402047t.val tijd : 1521 – 1532



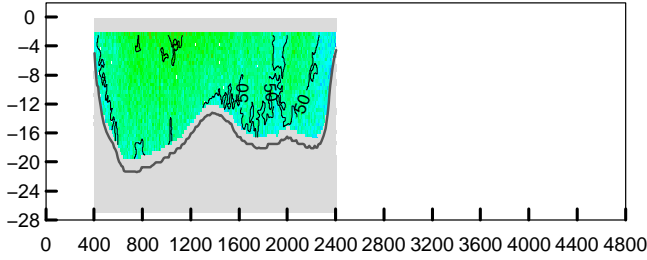
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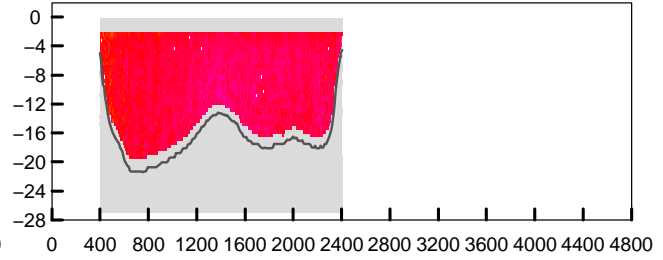
Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

gemeten richting (° tov N)

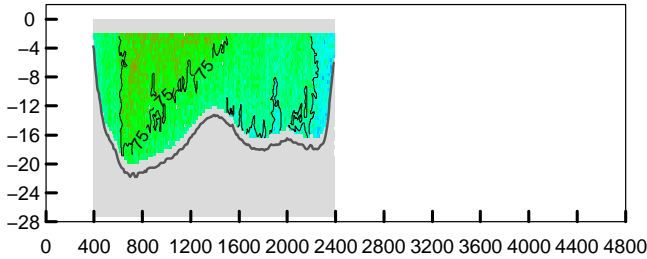
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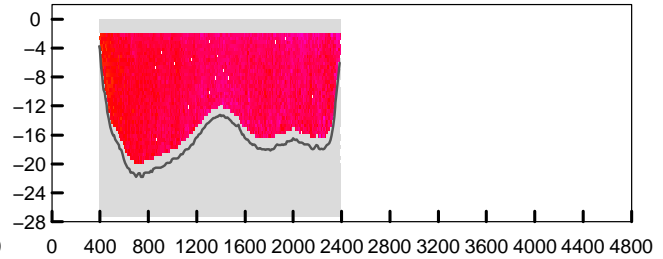
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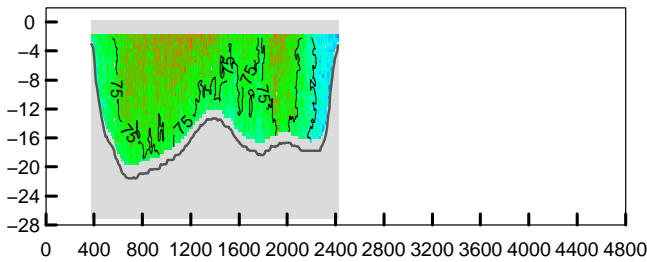
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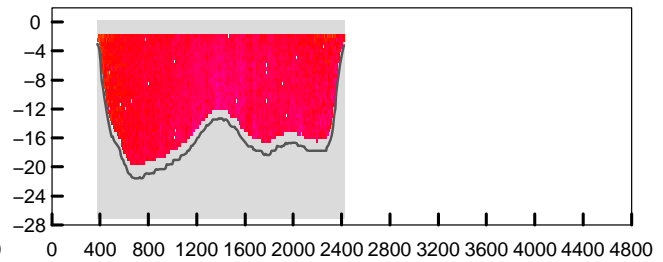
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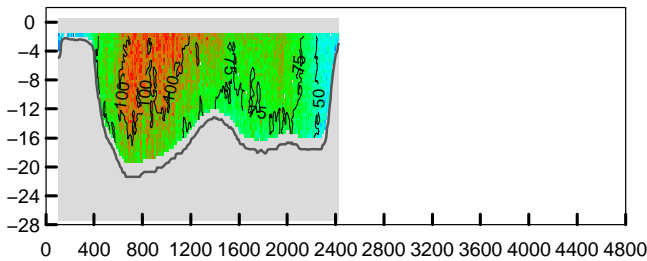
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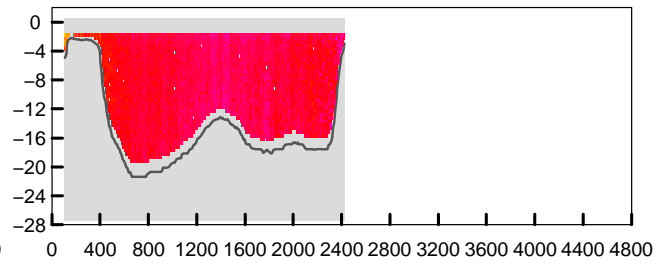
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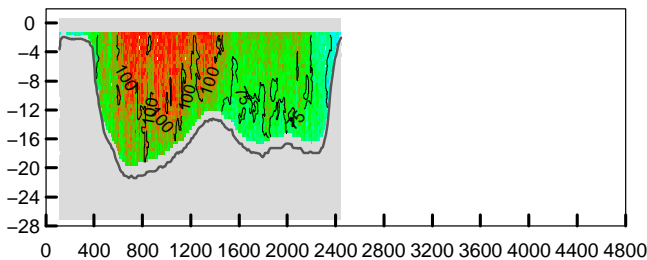
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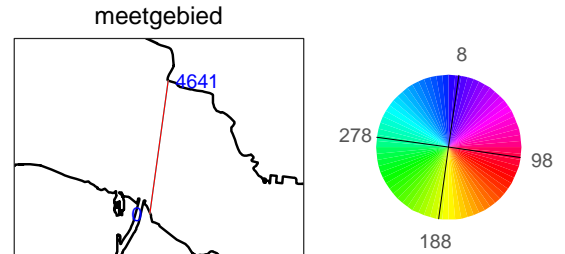
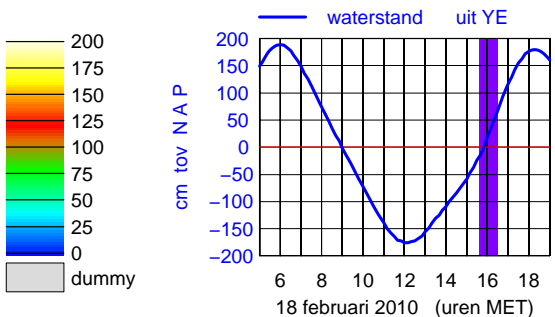
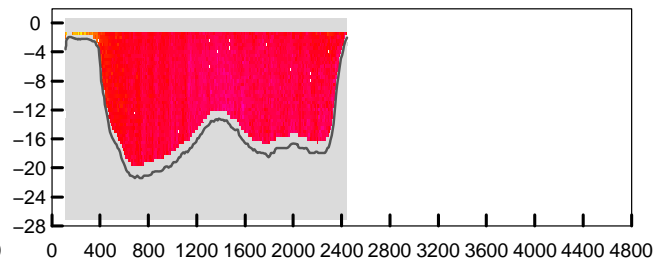
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adcpfile : 2402052t.val tijd : 1624 – 1638



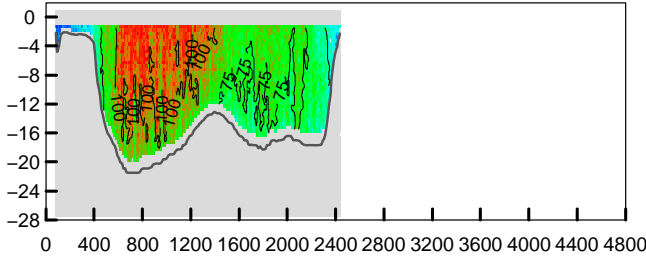
adcpfile : 2402052t.val tijd : 1624 – 1638



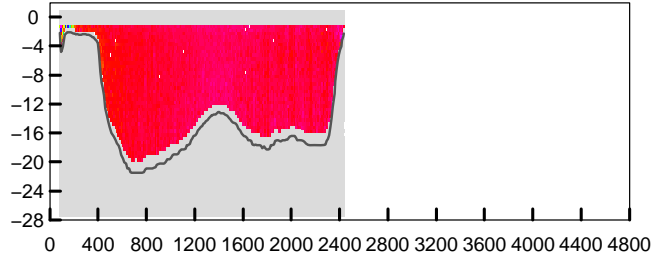
Debietraai VII Oosterschelde dd 18 februari 2010
gemeten snelheid (cm/sec)

gemeten richting (° tov N)

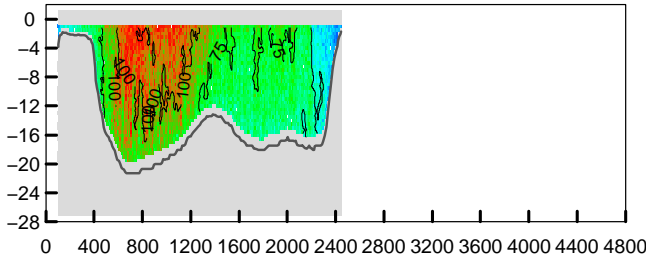
adcpfile : 2402053t.val tijd : 1639 – 1651



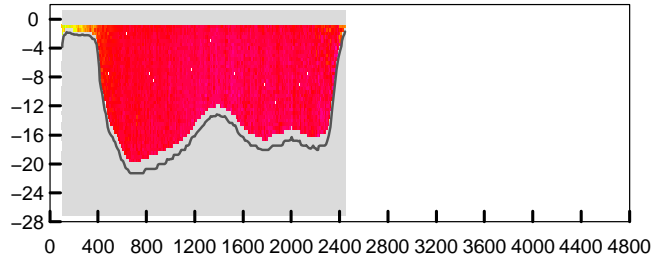
adcpfile : 2402053t.val tijd : 1639 – 1651



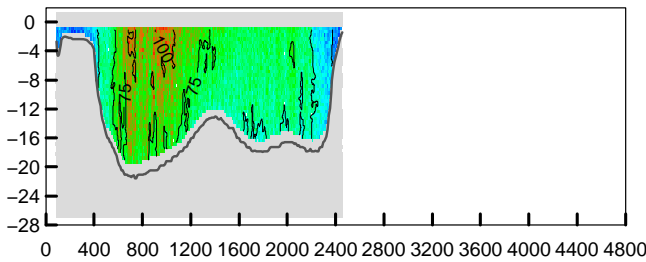
adcpfile : 2402054t.val tijd : 1652 – 1705



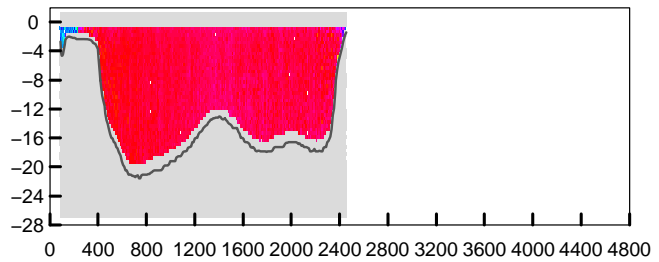
adcpfile : 2402054t.val tijd : 1652 – 1705



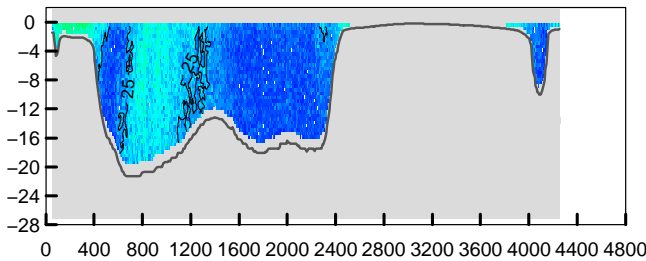
adcpfile : 2402055t.val tijd : 1707 – 1721



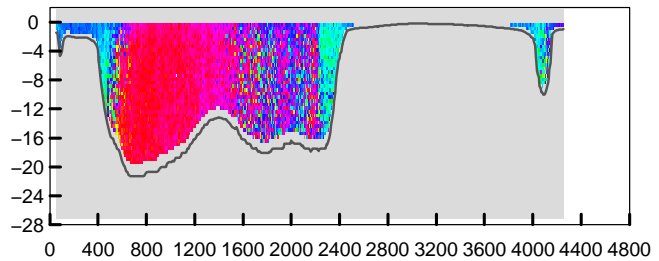
adcpfile : 2402055t.val tijd : 1707 – 1721



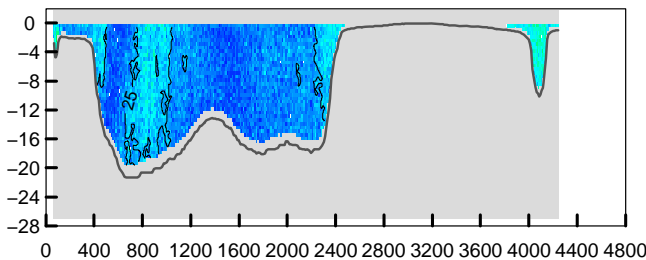
adcpfile : 2402057t.val tijd : 1751 – 1819



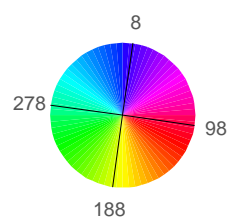
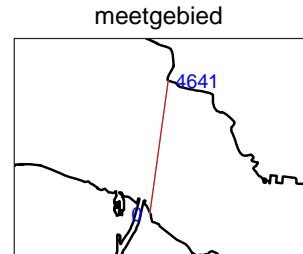
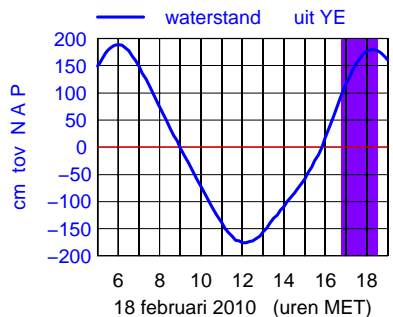
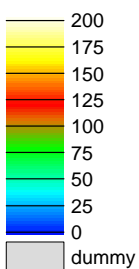
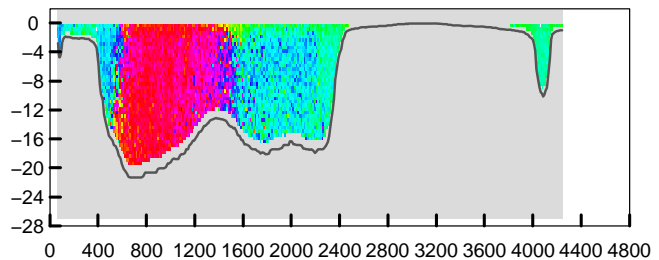
adcpfile : 2402057t.val tijd : 1751 – 1819



adcpfile : 2402058t.val tijd : 1820 – 1840



adcpfile : 2402058t.val tijd : 1820 – 1840



Debietraai VII Oosterschelde dd 18 februari 2010
 gemeten snelheid (cm/sec)

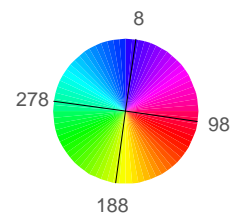
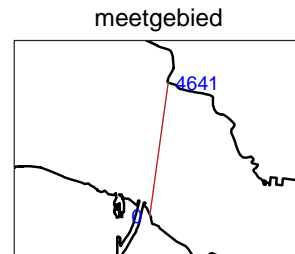
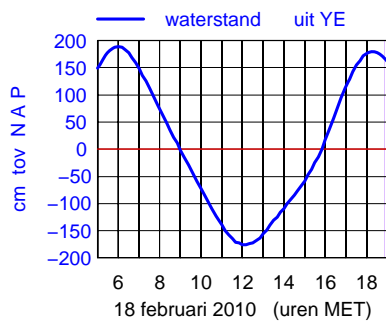
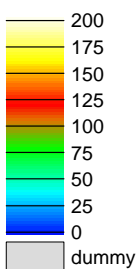
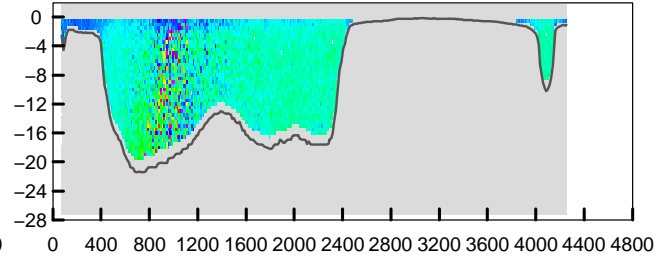
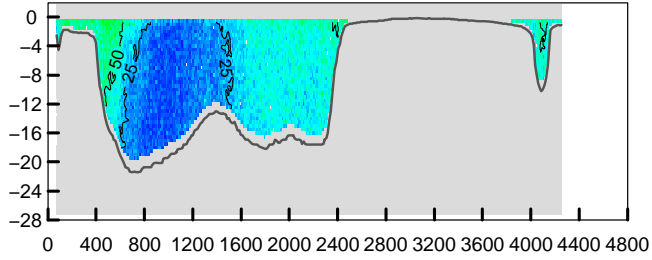
gemeten richting (° tov N)

adcpfile : 2402059t.val

tijd : 1841 – 1903

adcpfile : 2402059t.val

tijd : 1841 – 1903



Bijlage 5

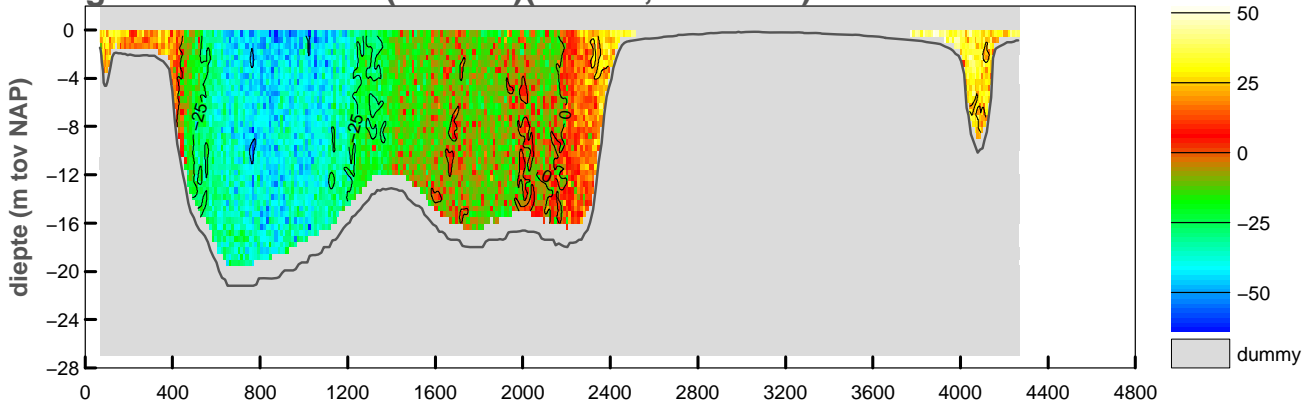
Gemeten gegevens raai

Debietraai VII Oosterschelde

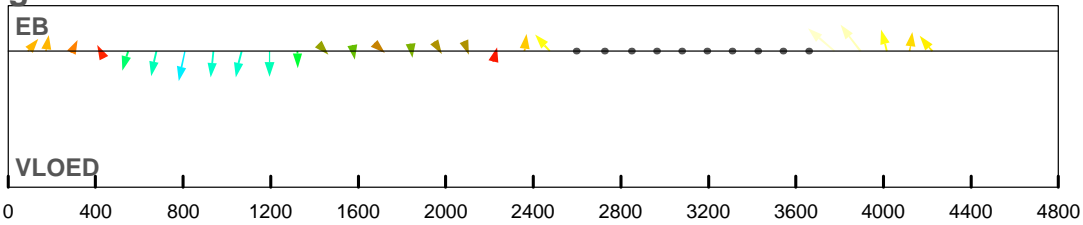
2402m1001

Notitie: ZLMD-10.N.003

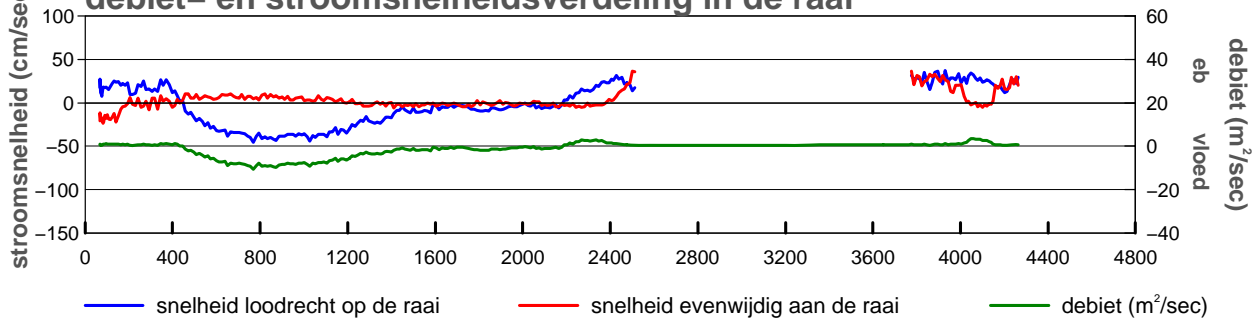
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



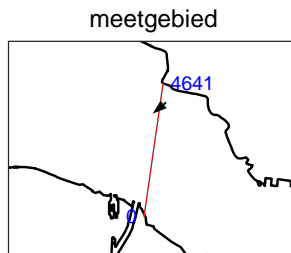
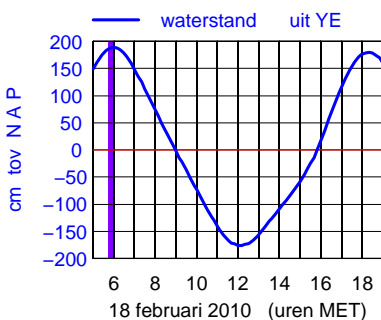
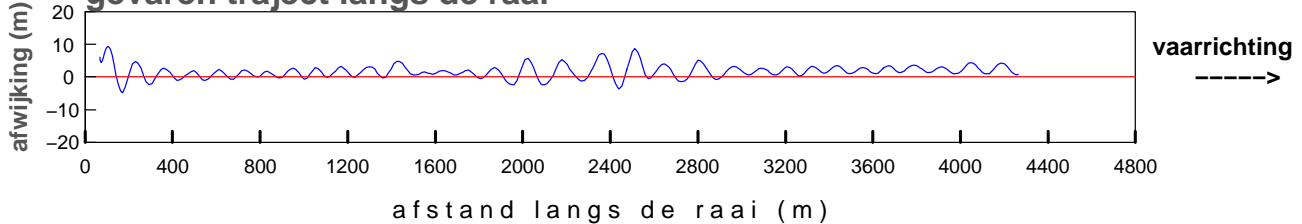
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 3777 m

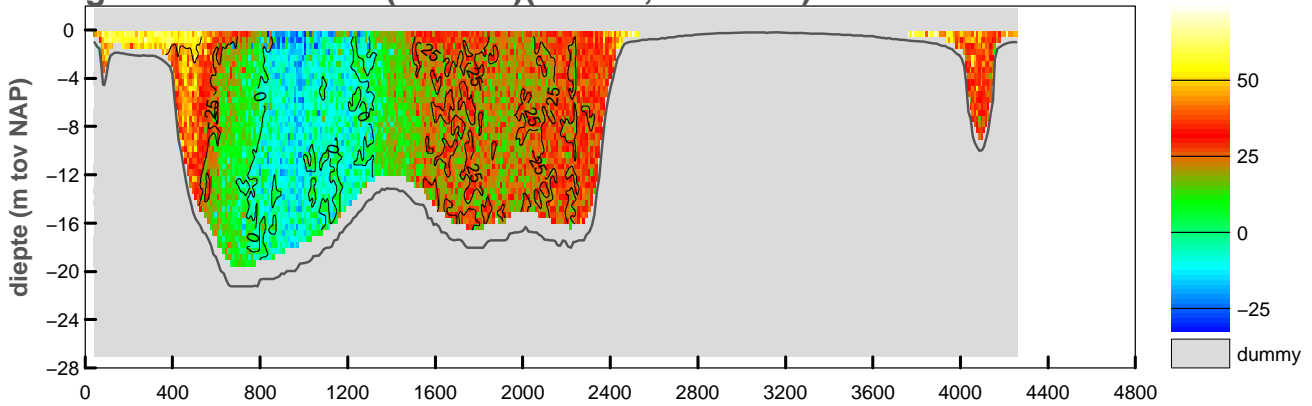
stroomsnelheid : 48 cm/sec

stroomrichting : 228°

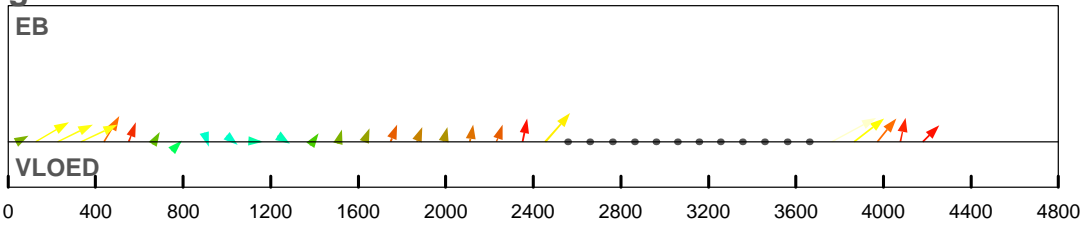
doorstroomoppervlak : -44561 m²

raaidebiet : -4690 m³/sec

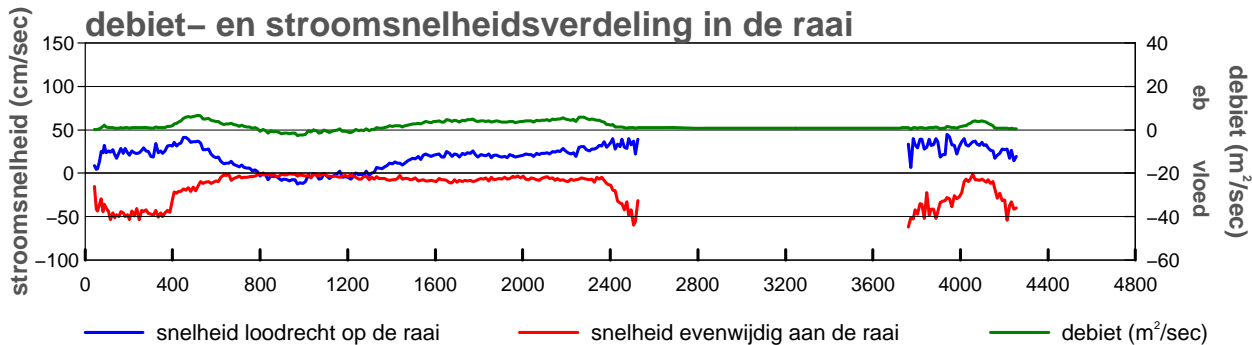
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



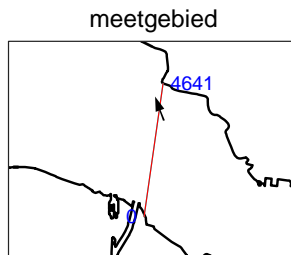
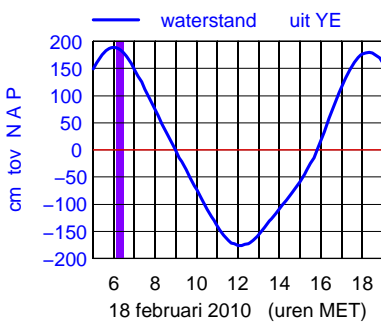
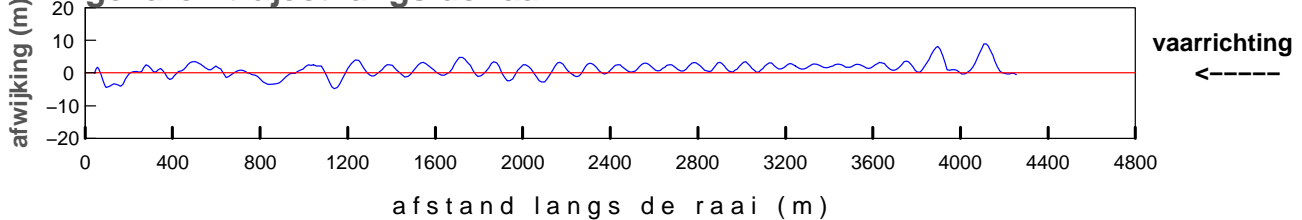
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

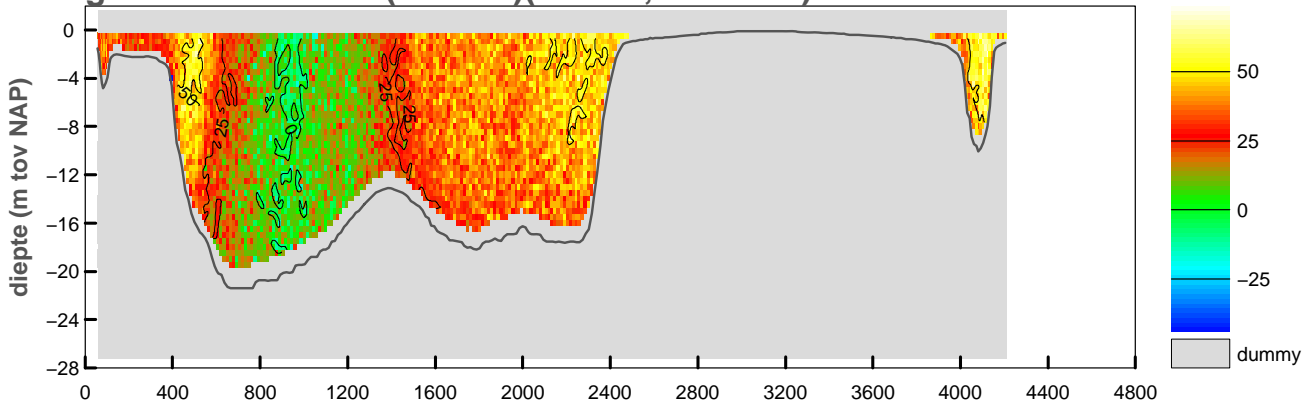


maximum gemiddelde stroom-
 snelheid in de vertikaal

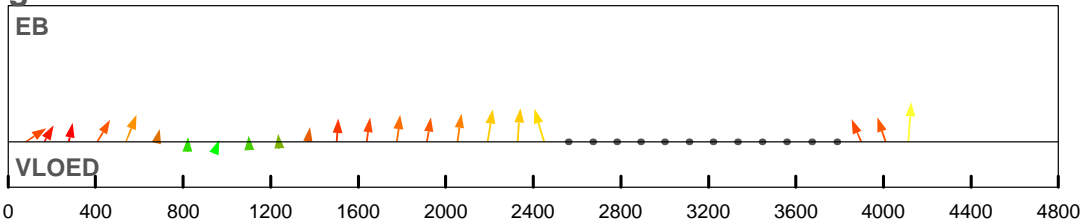
afstand uit nulpunt : 3763 m
 stroomsnelheid : 70 cm/sec
 stroomrichting : 340°

doorstroomoppervlak : -44495 m²
 raaidebiet : 7231 m³/sec

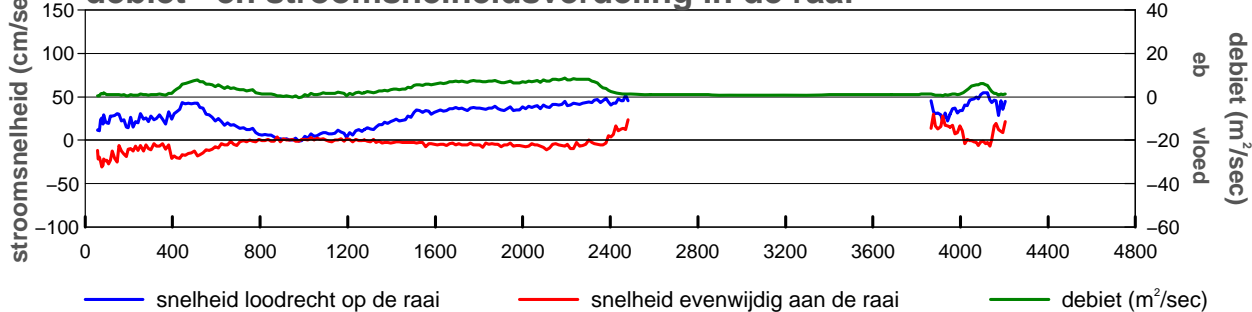
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



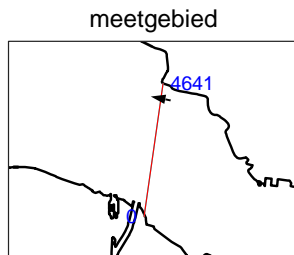
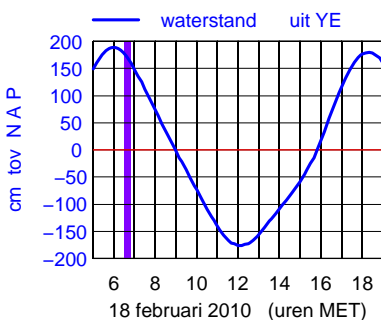
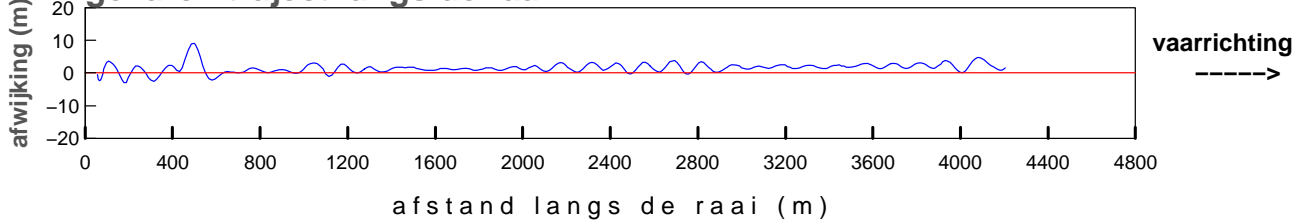
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

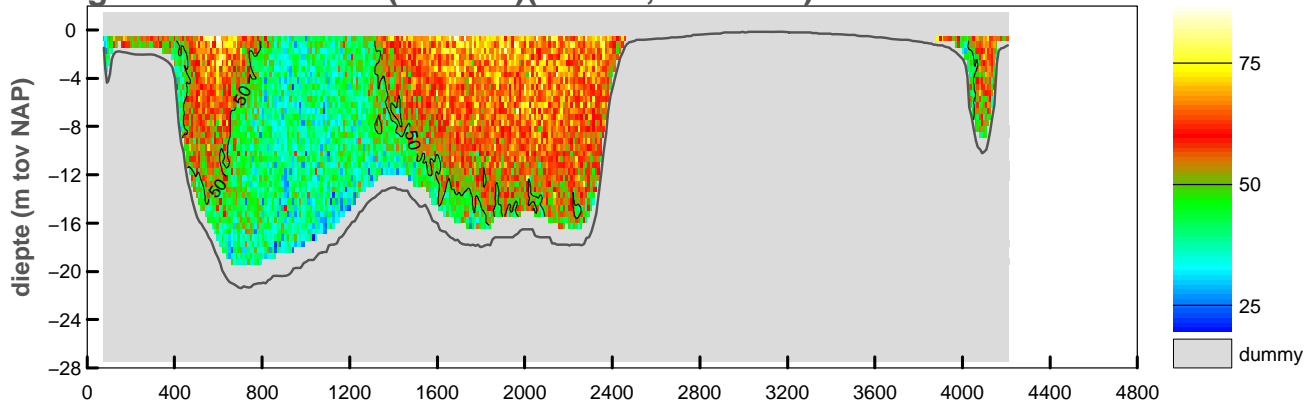


maximum gemiddelde stroom-
 snelheid in de vertikaal

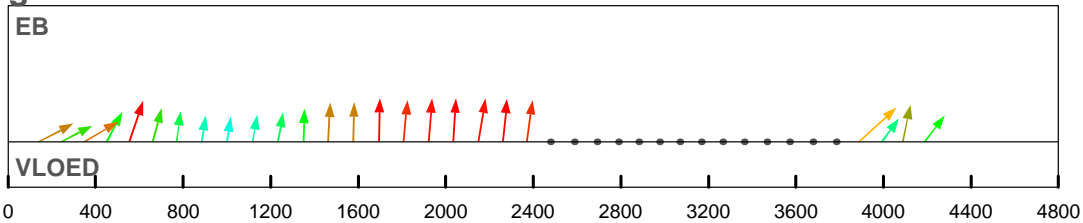
afstand uit nulpunt : 4114 m
 stroomsnelheid : 55 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -43719 m²
 raaidebiet : 11891 m³/sec

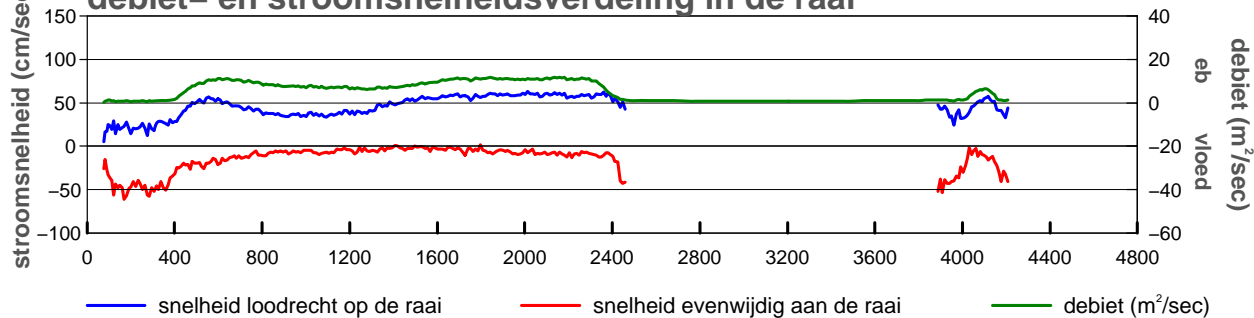
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



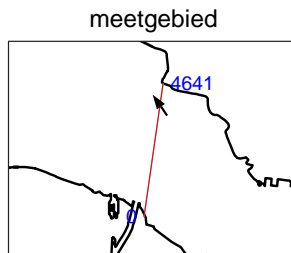
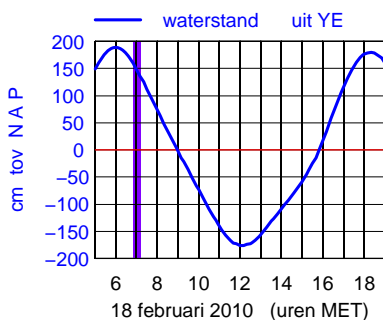
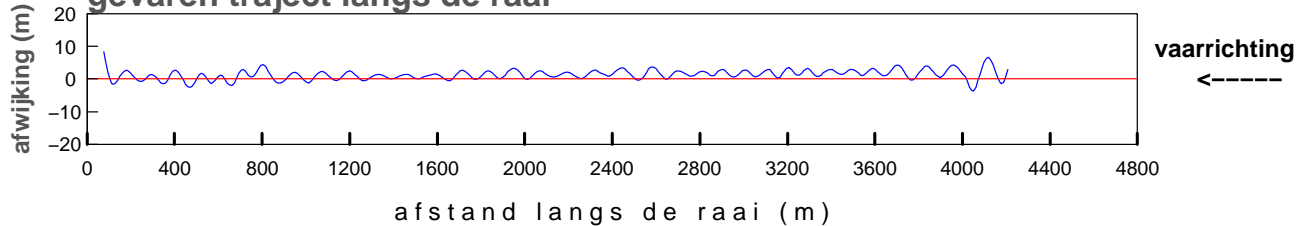
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

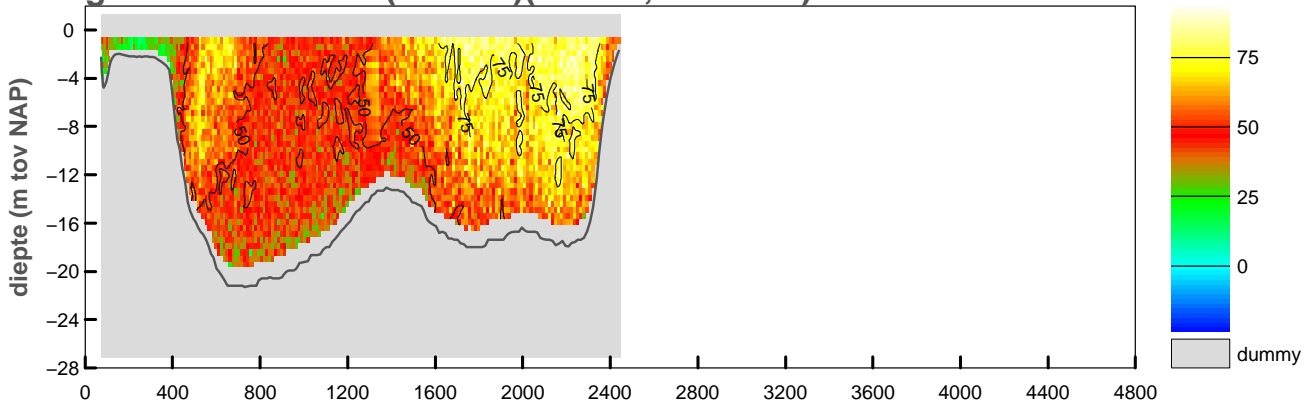


maximum gemiddelde stroom-
 snelheid in de vertikaal

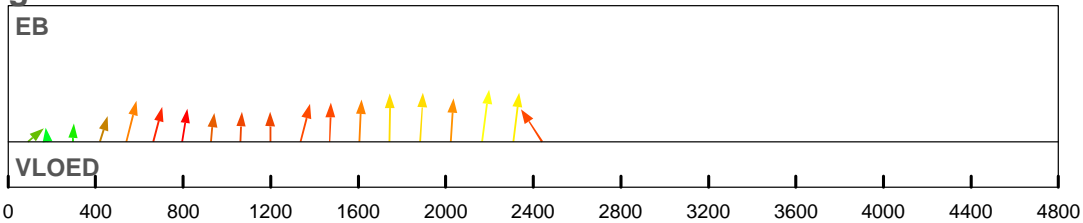
afstand uit nulpunt : 3888 m
 stroomsnelheid : 70 cm/sec
 stroomrichting : 326°

doorstroomoppervlak : -42669 m²
 raaidebiet : 20611 m³/sec

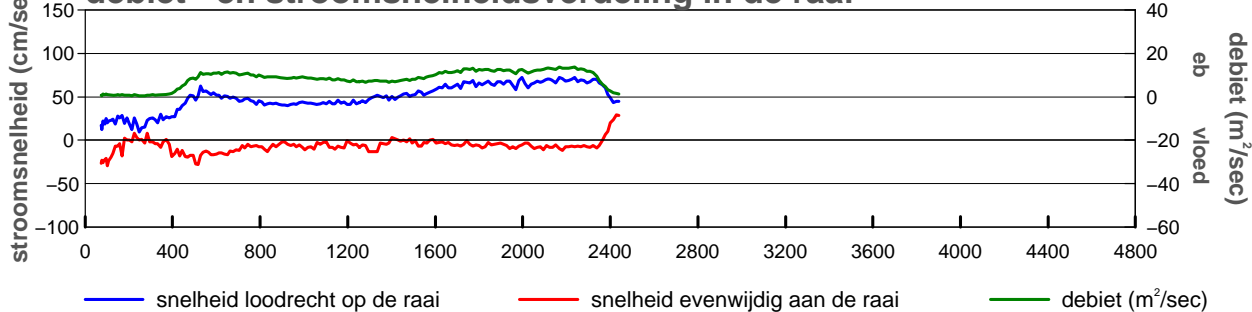
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



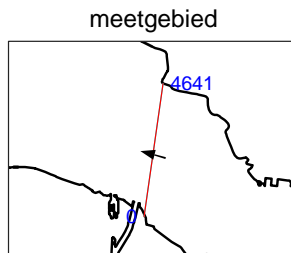
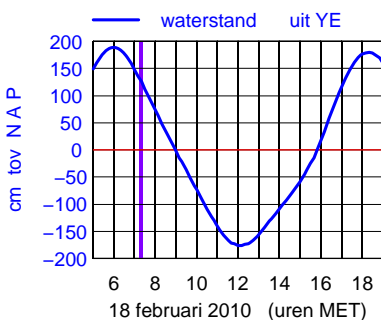
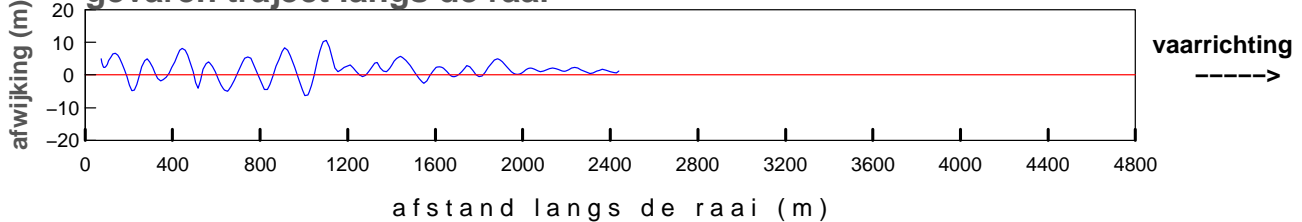
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

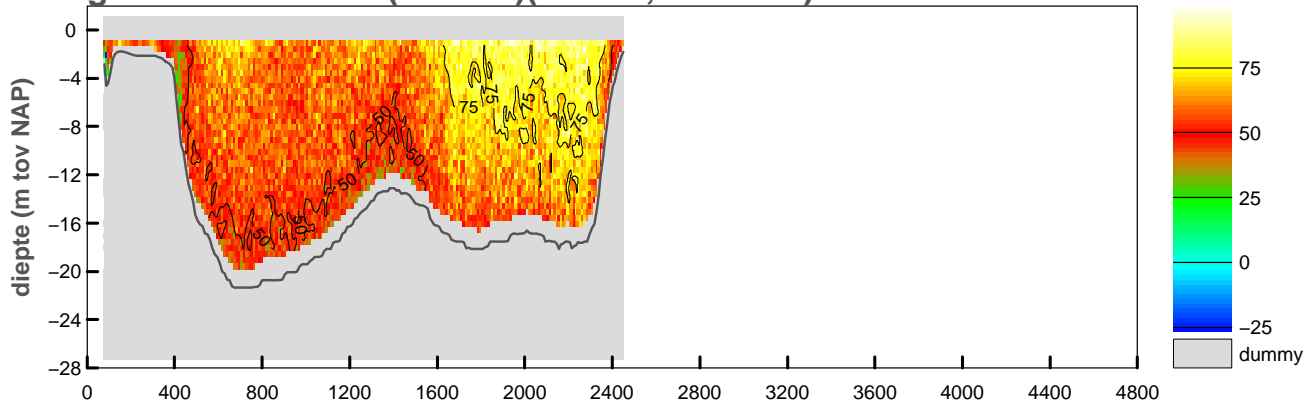


maximum gemiddelde stroom-
 snelheid in de vertikaal

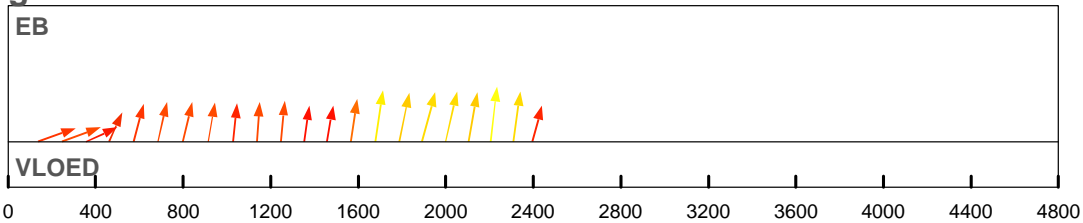
afstand uit nulpunt : 2166 m
 stroomsnelheid : 73 cm/sec
 stroomrichting : 285°

doorstroomoppervlak : -37515 m²
 raaidebiet : 19922 m³/sec

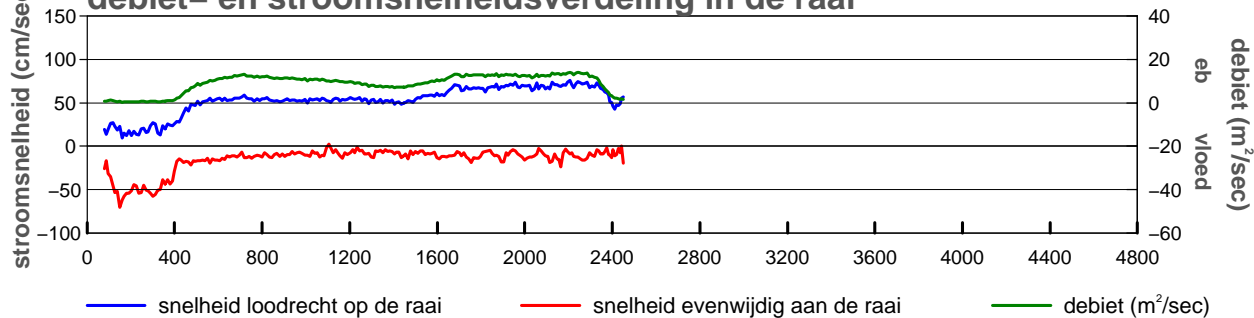
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



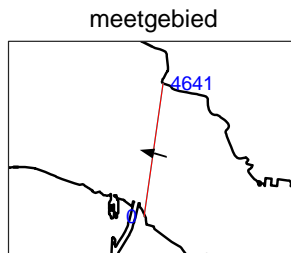
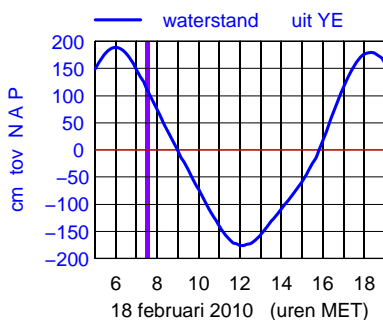
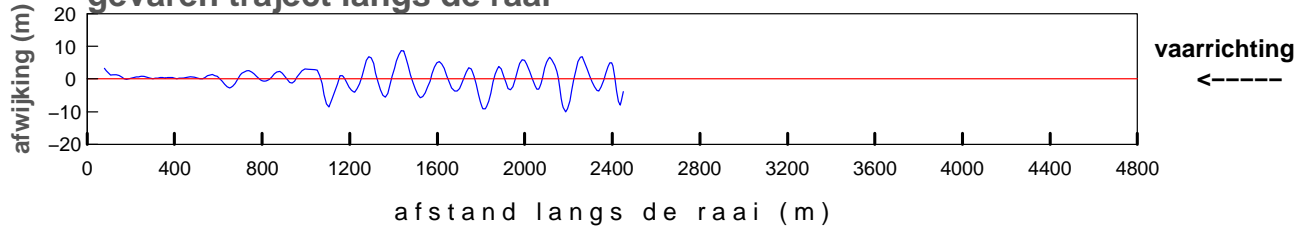
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

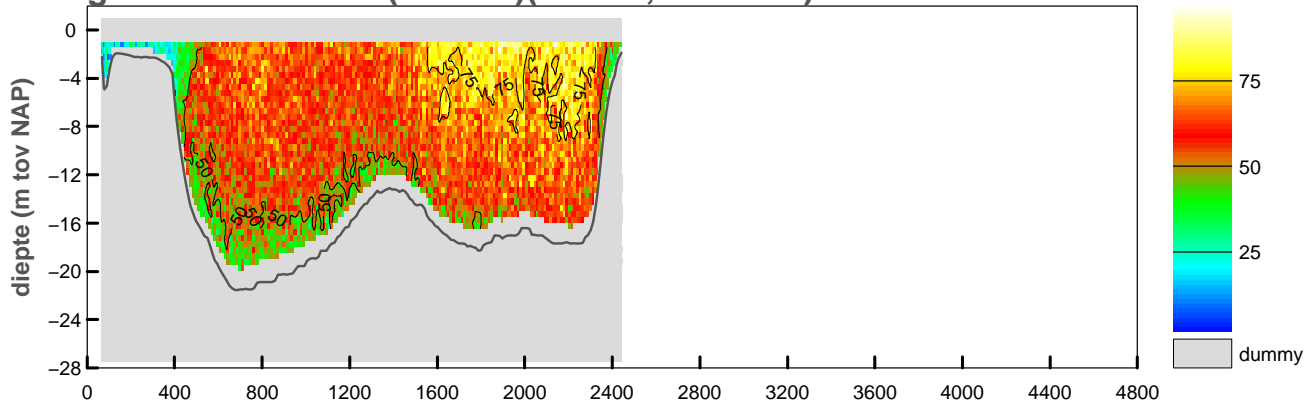


maximum gemiddelde stroom-
 snelheid in de vertikaal

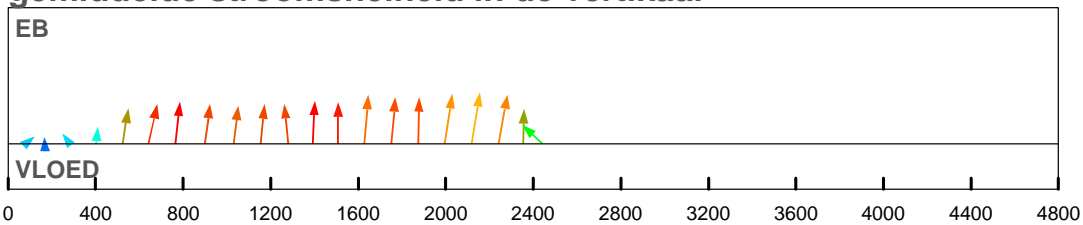
afstand uit nulpunt : 2205 m
 stroomsnelheid : 76 cm/sec
 stroomrichting : 284°

doorstroomoppervlak : -37272 m²
 raaidebiet : 21494 m³/sec

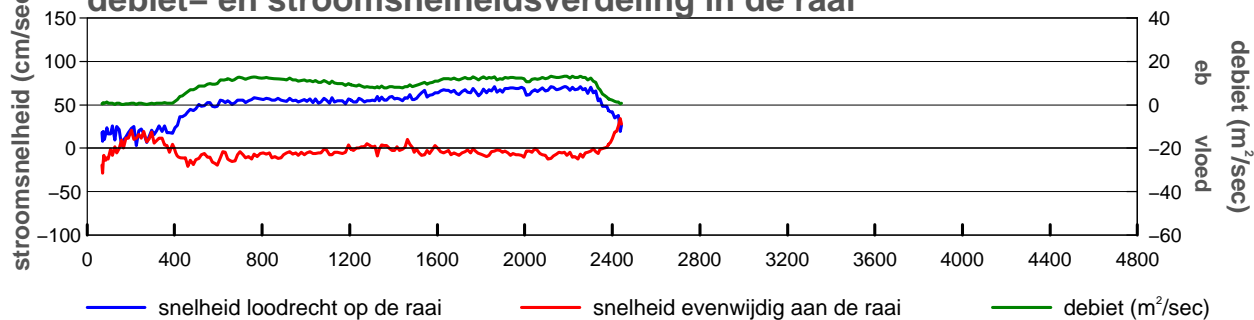
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



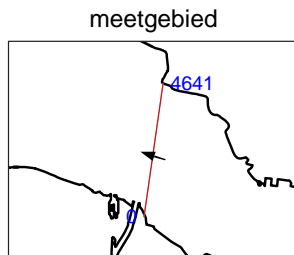
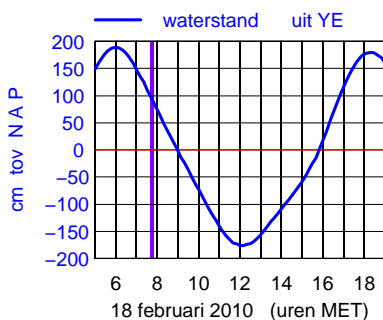
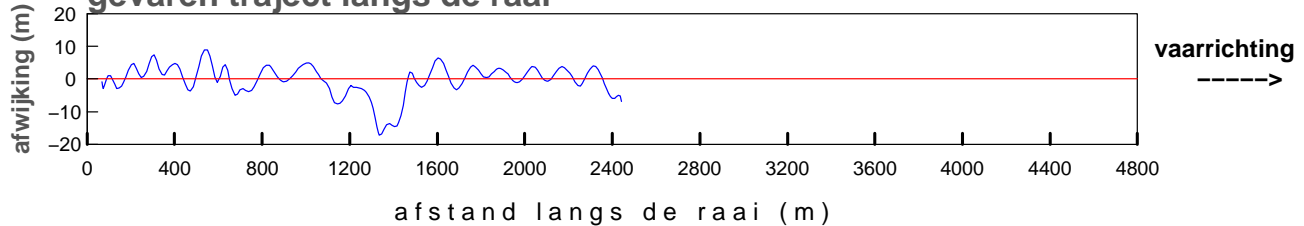
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

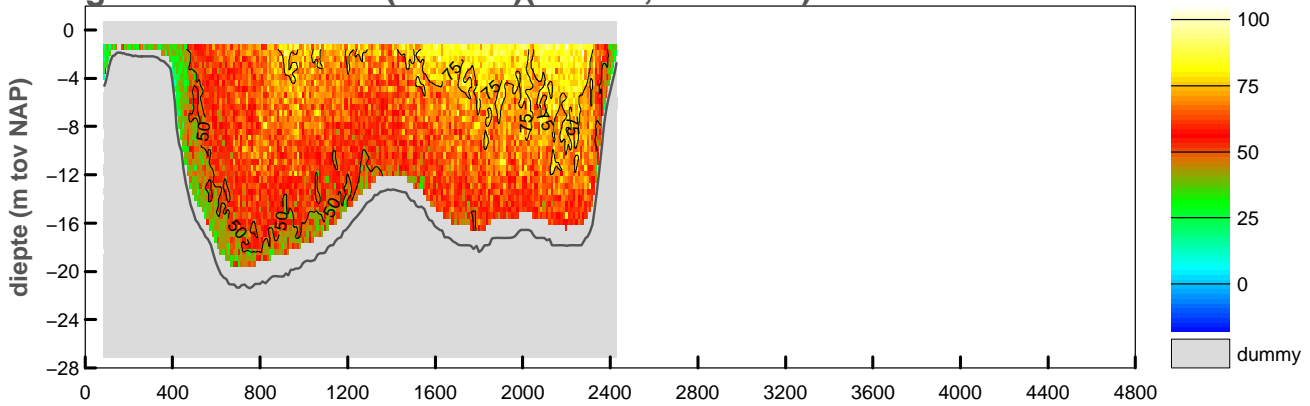


maximum gemiddelde stroom-
 snelheid in de vertikaal

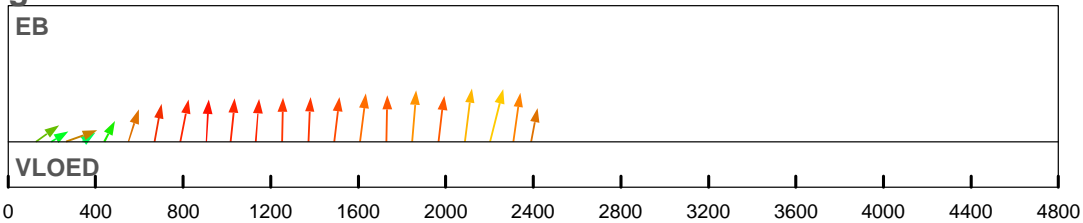
afstand uit nulpunt : 2118 m
 stroomsnelheid : 72 cm/sec
 stroomrichting : 287°

doorstroomoppervlak : -36943 m²
 raaidebiet : 21249 m³/sec

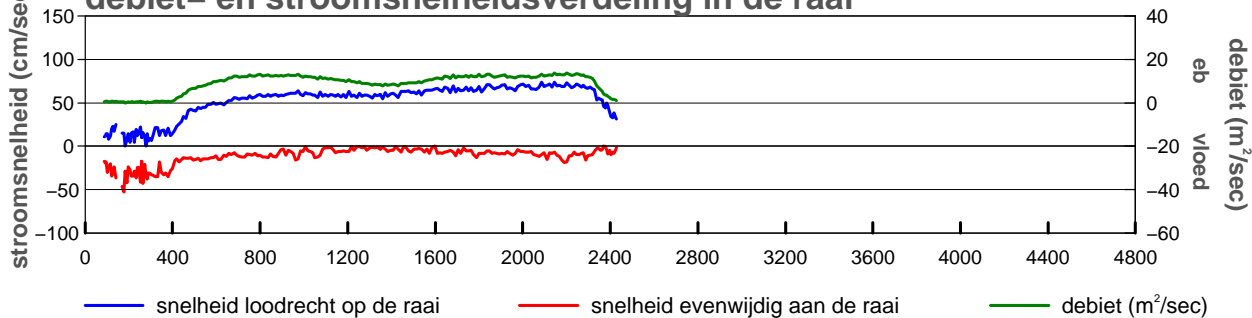
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



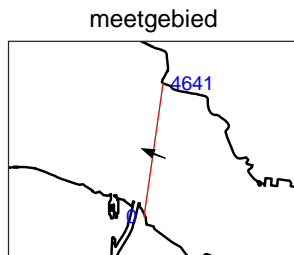
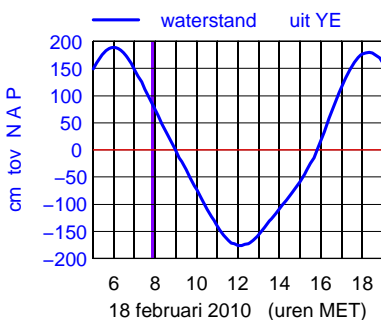
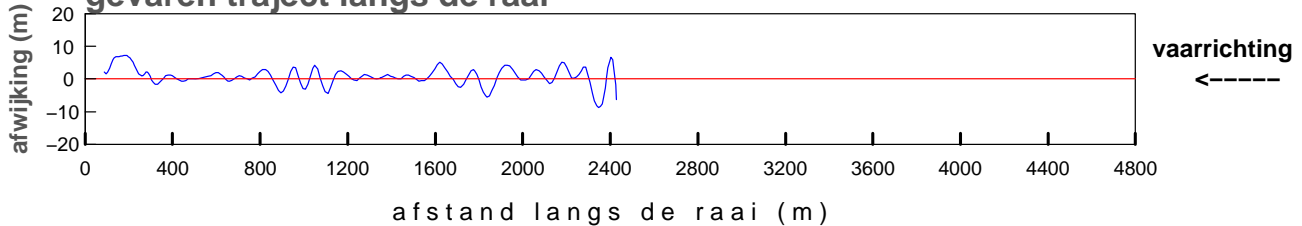
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

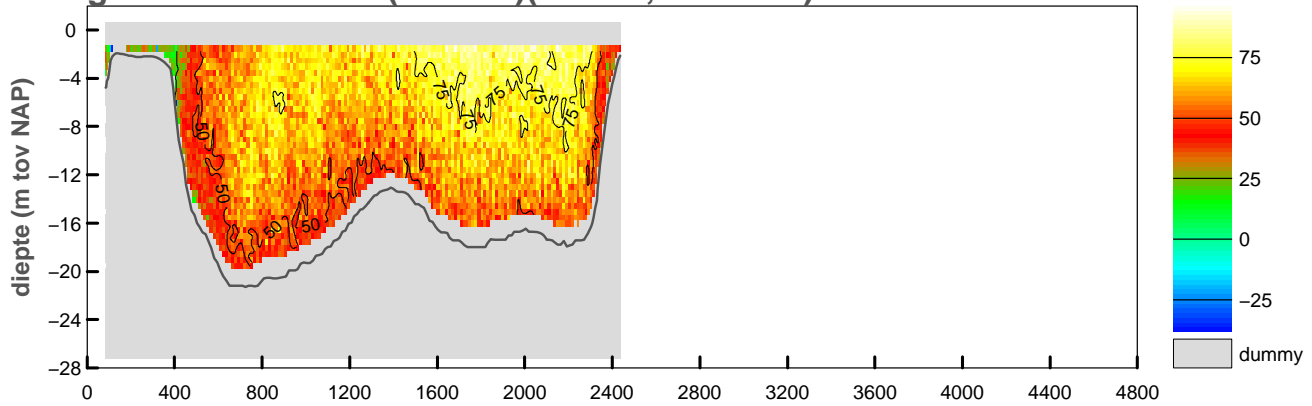


maximum gemiddelde stroom-
 snelheid in de vertikaal

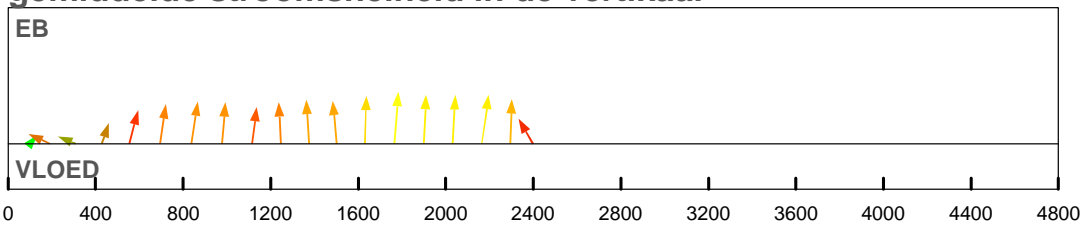
afstand uit nulpunt : 2201 m
 stroomsnelheid : 75 cm/sec
 stroomrichting : 292°

doorstroomoppervlak : -36438 m²
 raaidebiet : 21482 m³/sec

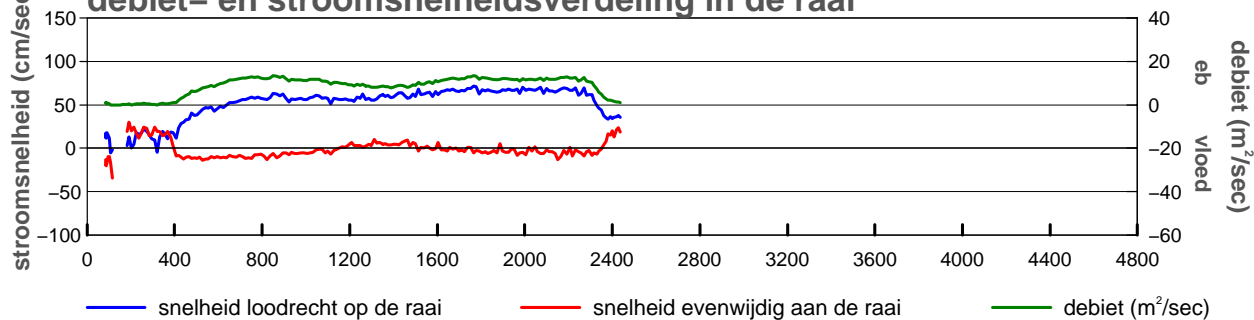
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



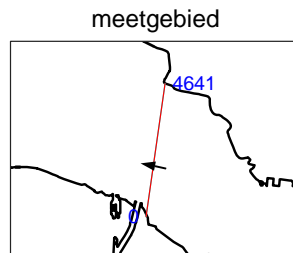
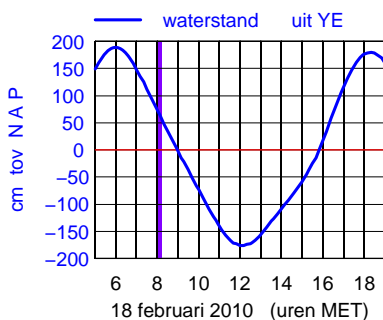
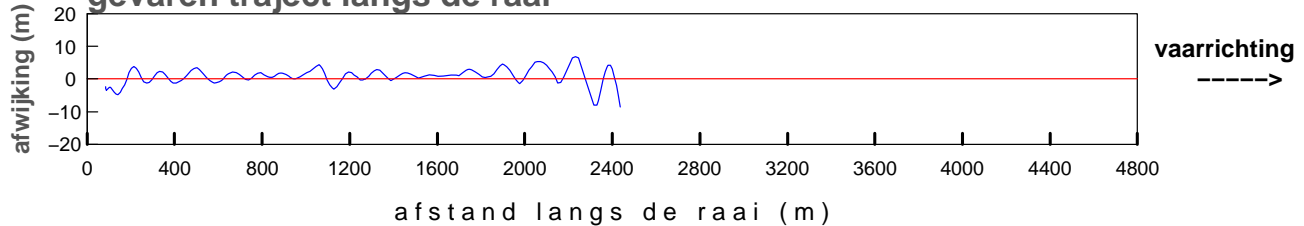
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

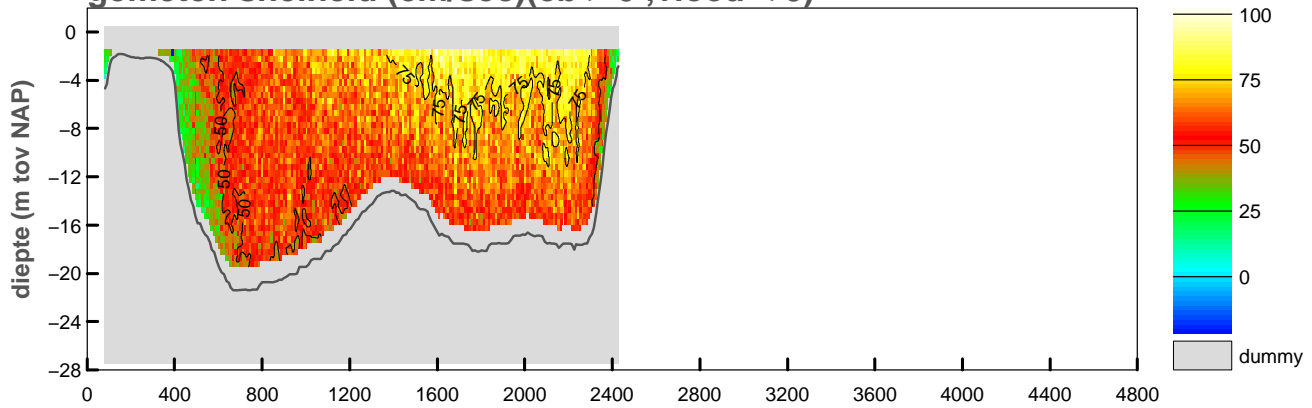


maximum gemiddelde stroom-
 snelheid in de vertikaal

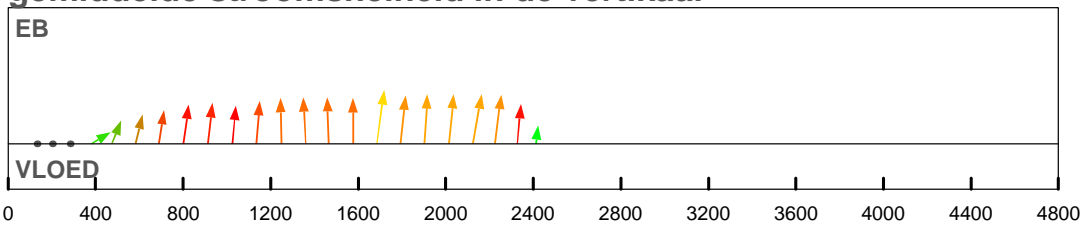
afstand uit nulpunt : 1765 m
 stroomsnelheid : 72 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -36030 m²
 raaidebiet : 20752 m³/sec

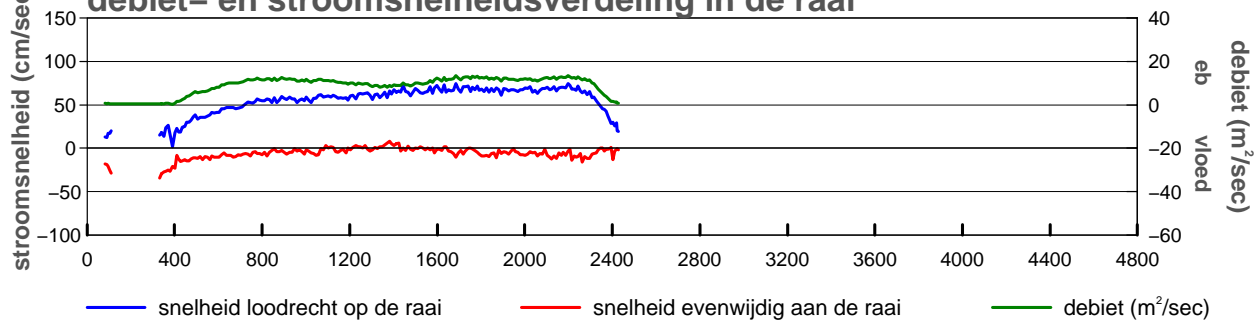
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



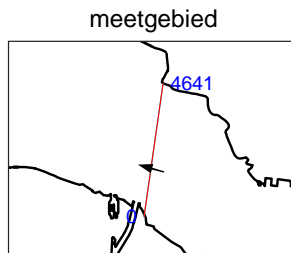
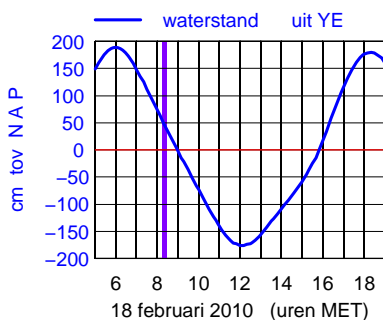
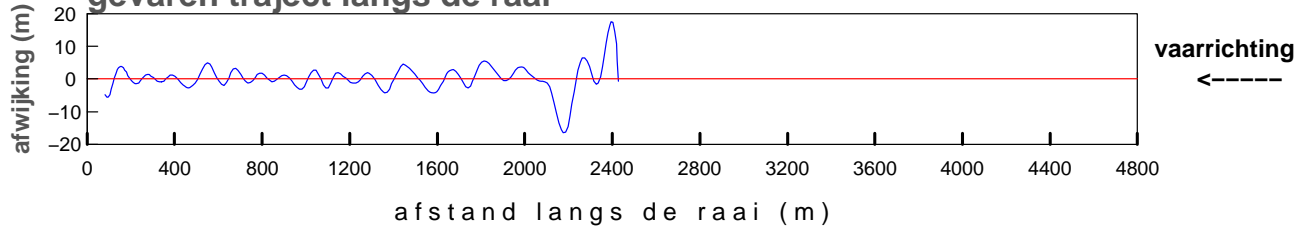
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

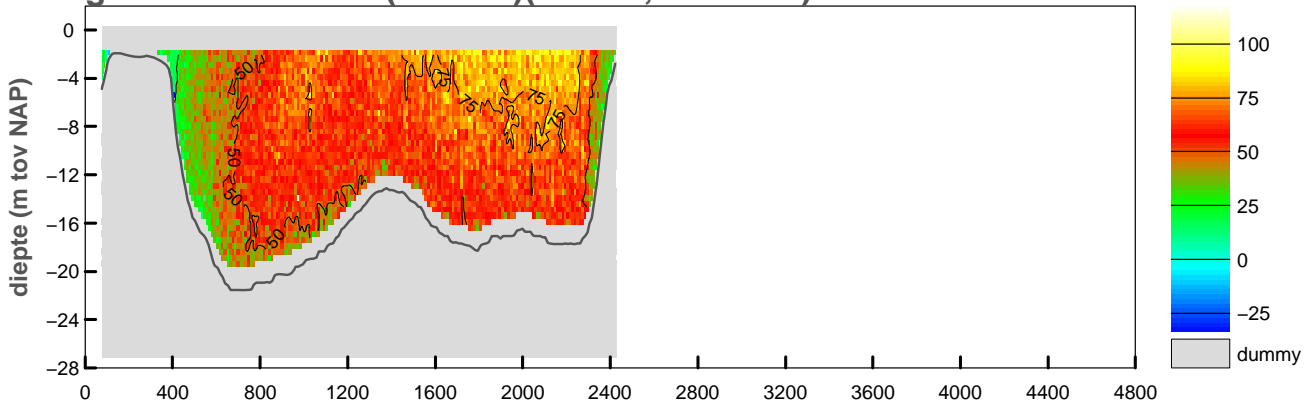


maximum gemiddelde stroom-
 snelheid in de vertikaal

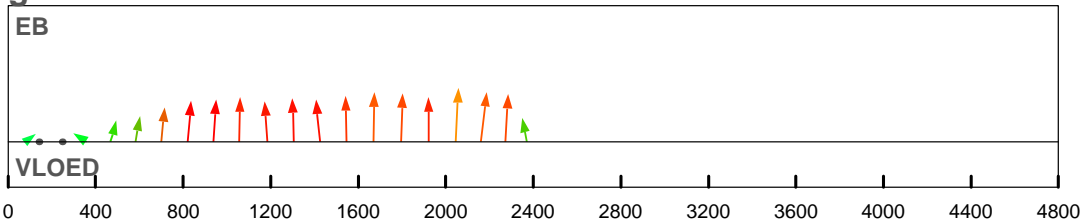
afstand uit nulpunt : 1685 m
 stroomsnelheid : 75 cm/sec
 stroomrichting : 286°

doorstroomoppervlak : -35716 m²
 raaidebiet : 20653 m³/sec

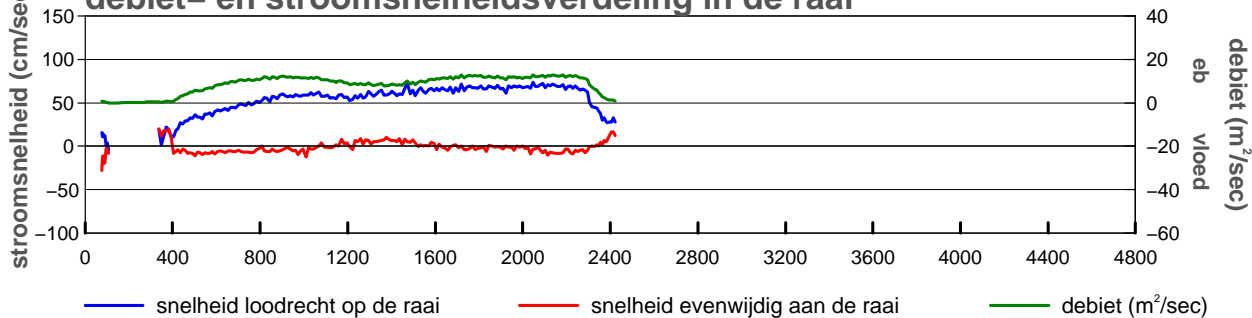
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



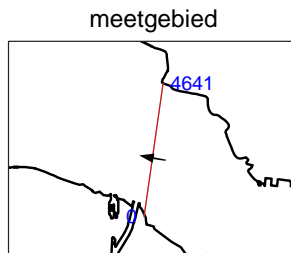
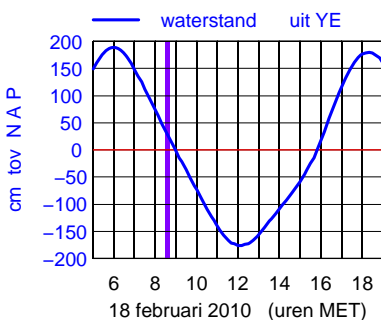
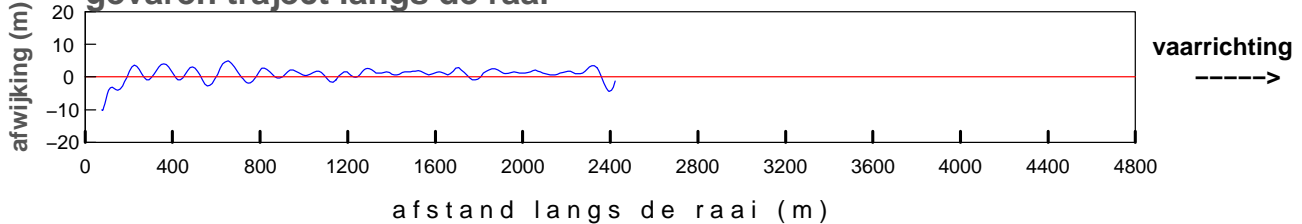
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

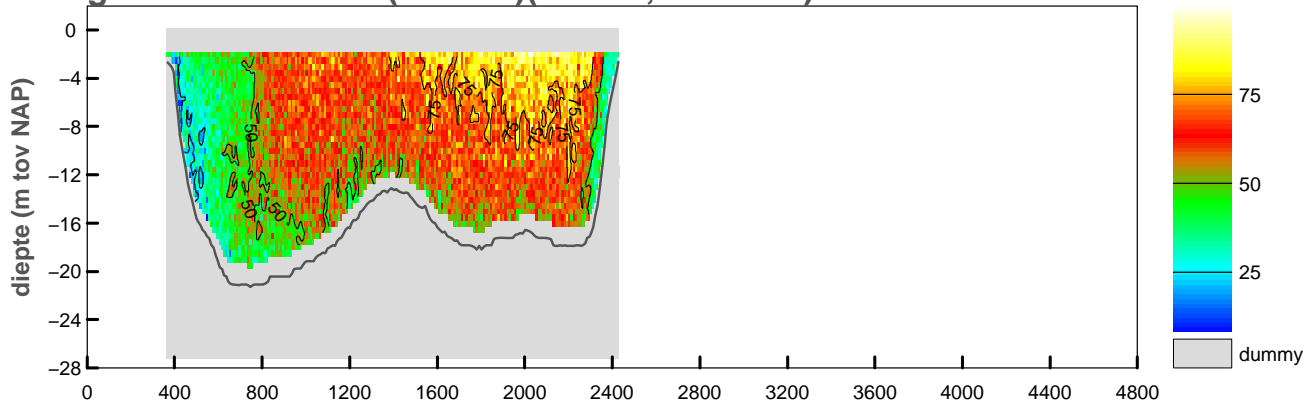


maximum gemiddelde stroom-
 snelheid in de vertikaal

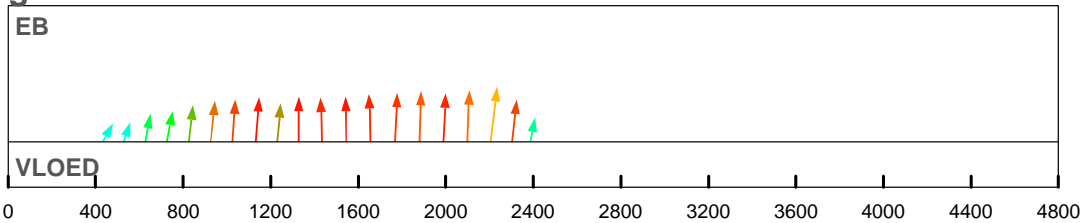
afstand uit nulpunt : 2046 m
 stroomsnelheid : 74 cm/sec
 stroomrichting : 281°

doorstroomoppervlak : -35294 m²
 raaidebiet : 19873 m³/sec

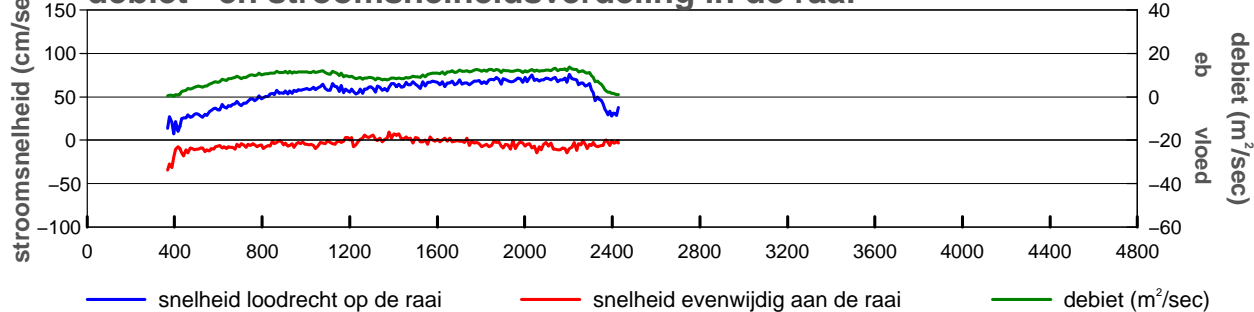
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



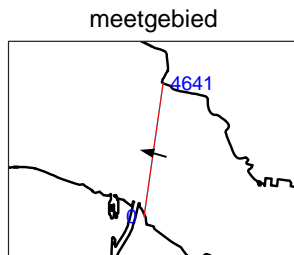
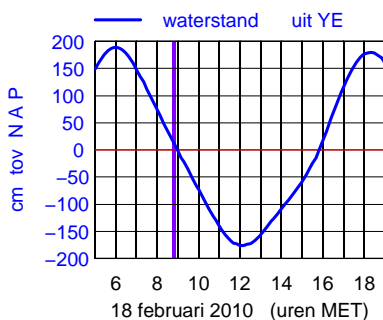
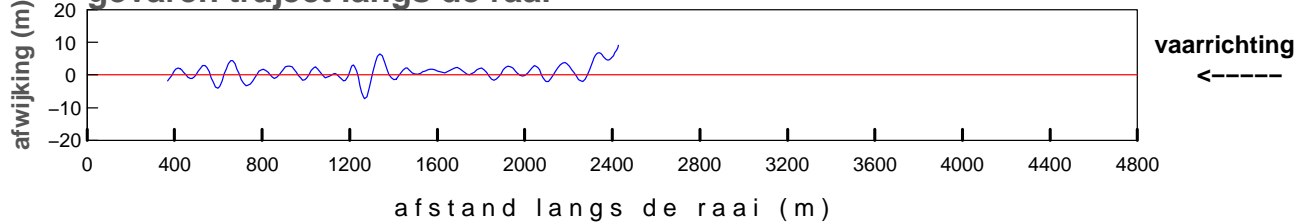
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

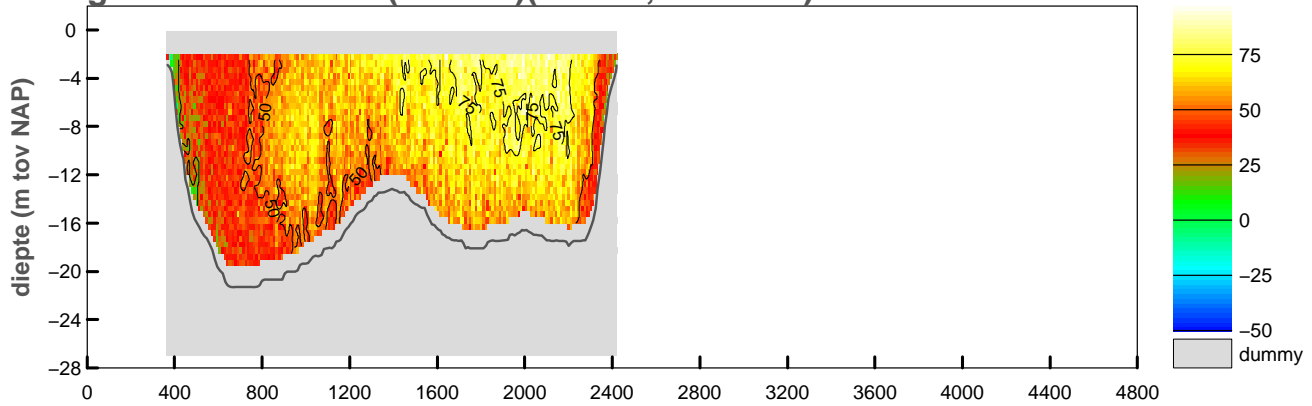


maximum gemiddelde stroom-
 snelheid in de vertikaal

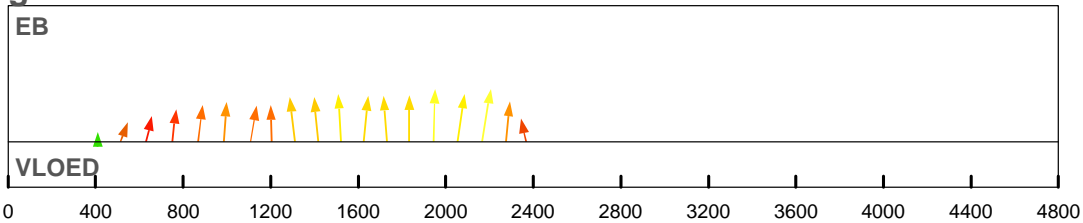
afstand uit nulpunt : 2204 m
 stroomsnelheid : 76 cm/sec
 stroomrichting : 285°

doorstroomoppervlak : -34237 m²
 raaidebiet : 19591 m³/sec

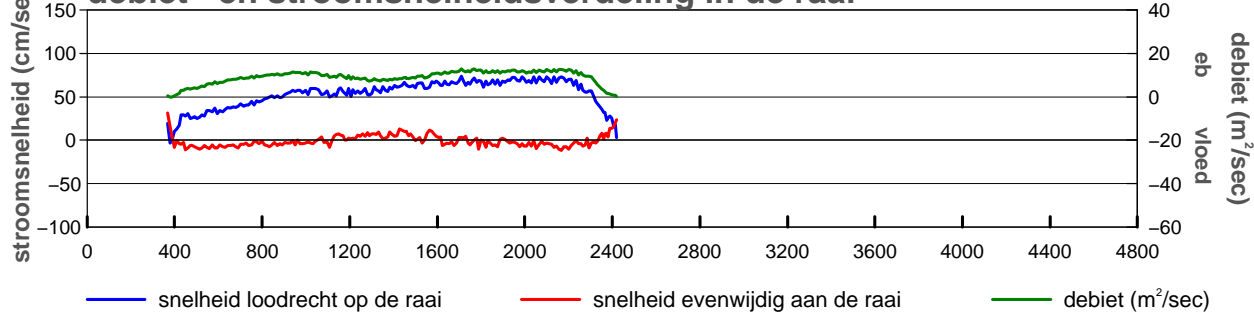
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



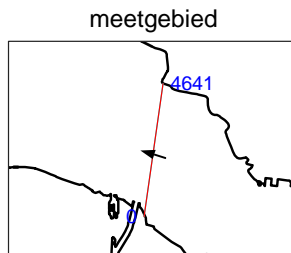
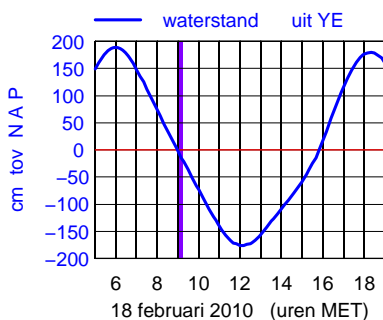
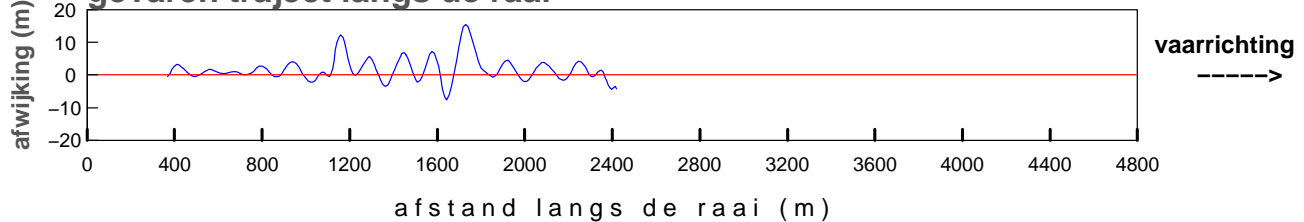
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

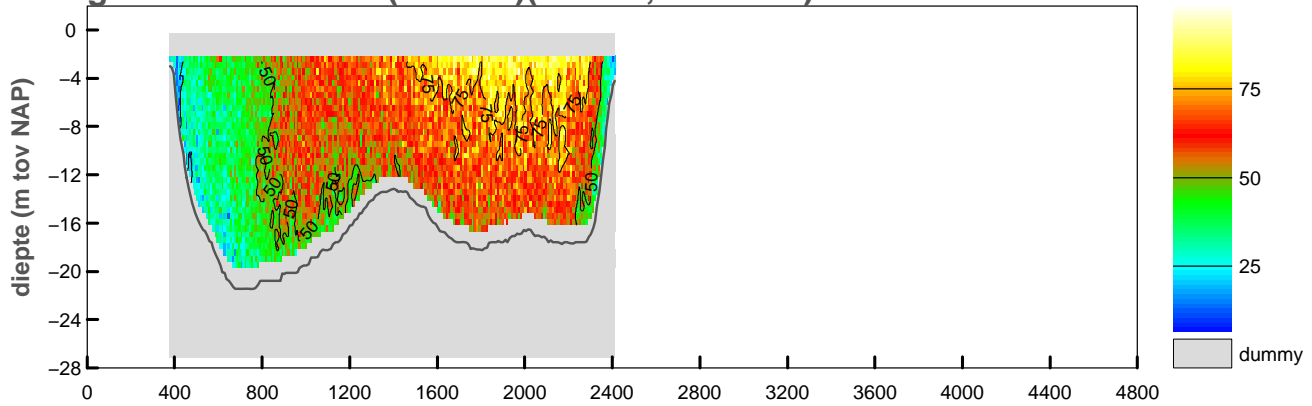


maximum gemiddelde stroom-
 snelheid in de vertikaal

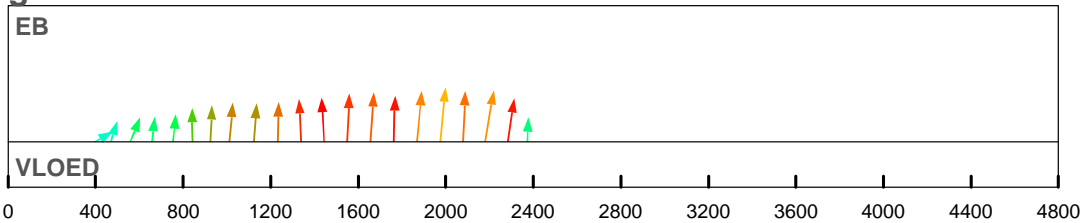
afstand uit nulpunt : 2166 m
 stroomsnelheid : 74 cm/sec
 stroomrichting : 287°

doorstroomoppervlak : -33724 m²
 raaidebiet : 18594 m³/sec

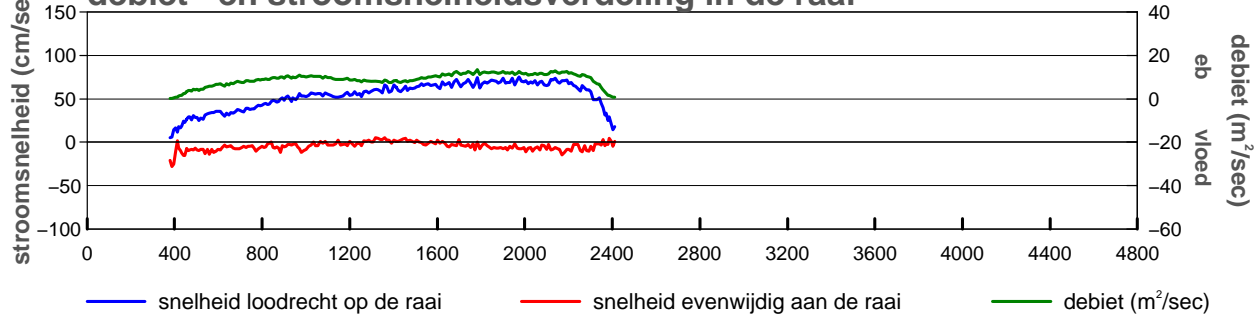
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



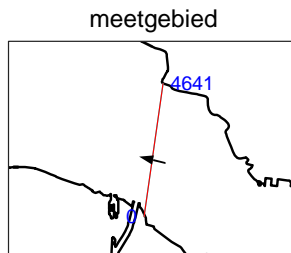
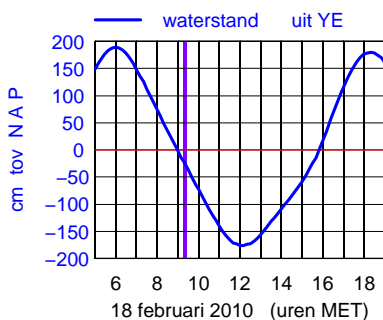
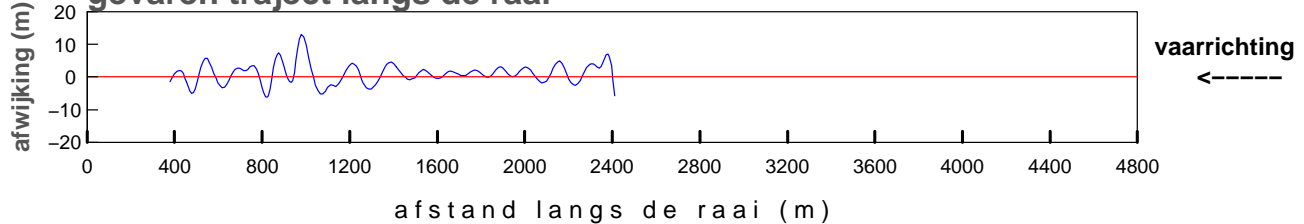
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

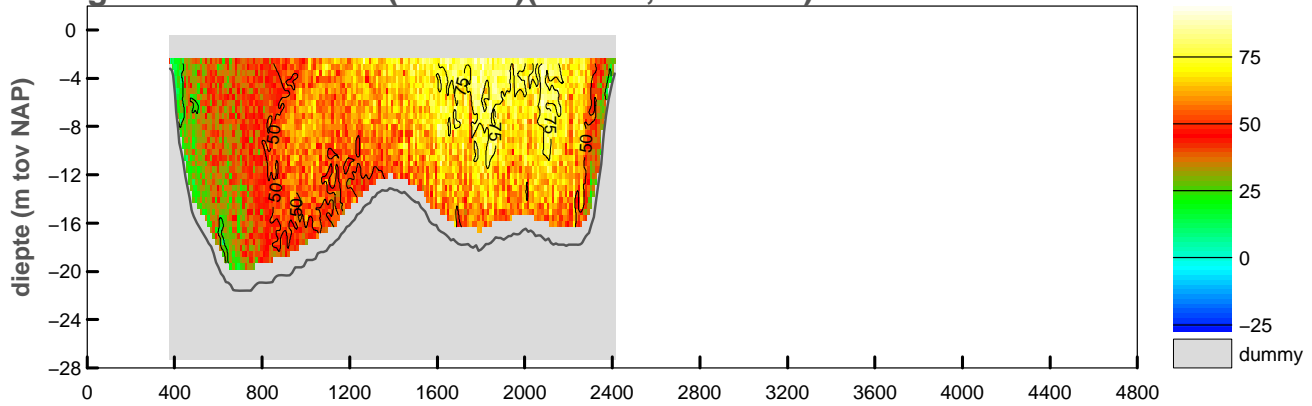


maximum gemiddelde stroom-
 snelheid in de vertikaal

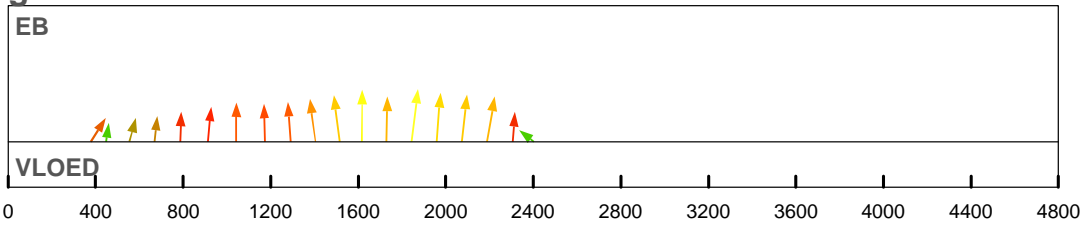
afstand uit nulpunt : 1974 m
 stroomsnelheid : 75 cm/sec
 stroomrichting : 284°

doorstroomoppervlak : -33392 m²
 raaidebiet : 18360 m³/sec

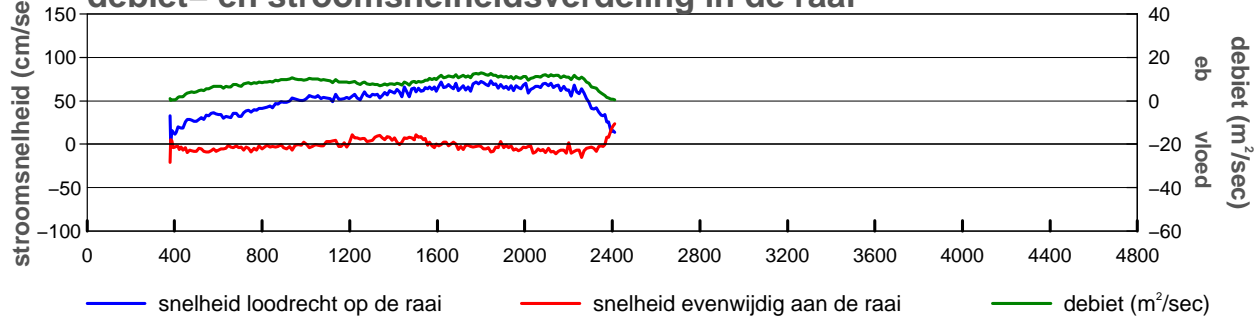
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



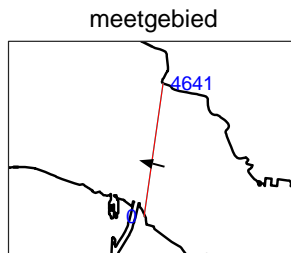
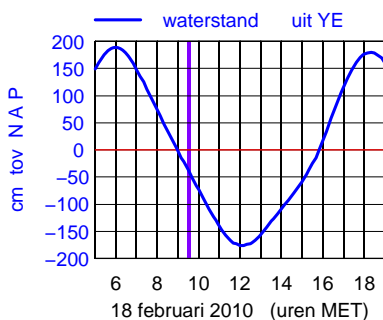
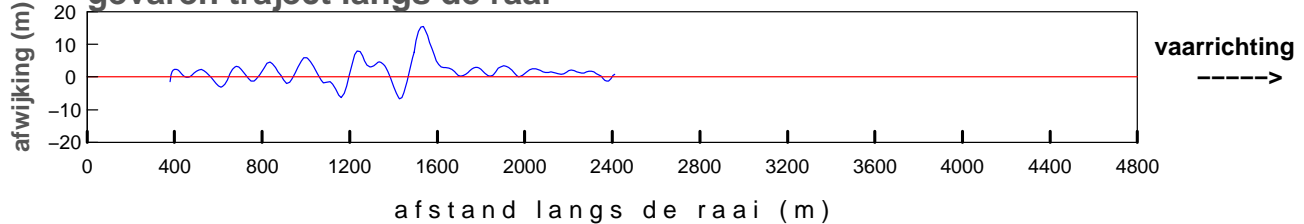
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

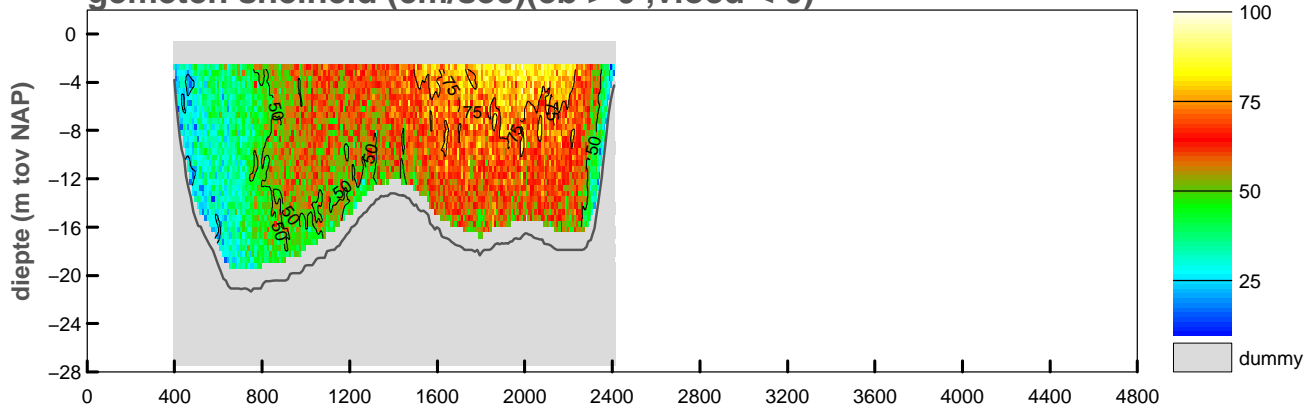


maximum gemiddelde stroom-
 snelheid in de vertikaal

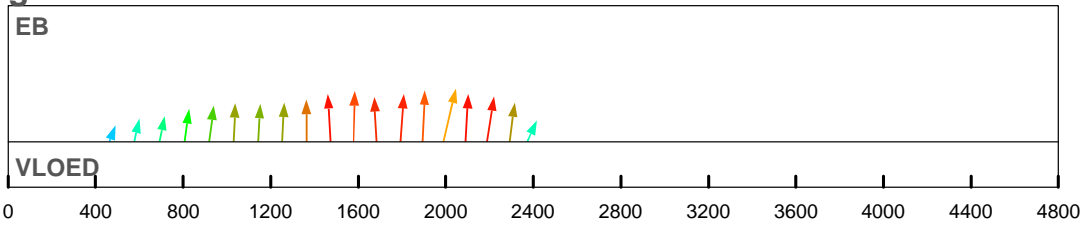
afstand uit nulpunt : 1845 m
 stroomsnelheid : 73 cm/sec
 stroomrichting : 285°

doorstroomoppervlak : -33072 m²
 raaidebiet : 17558 m³/sec

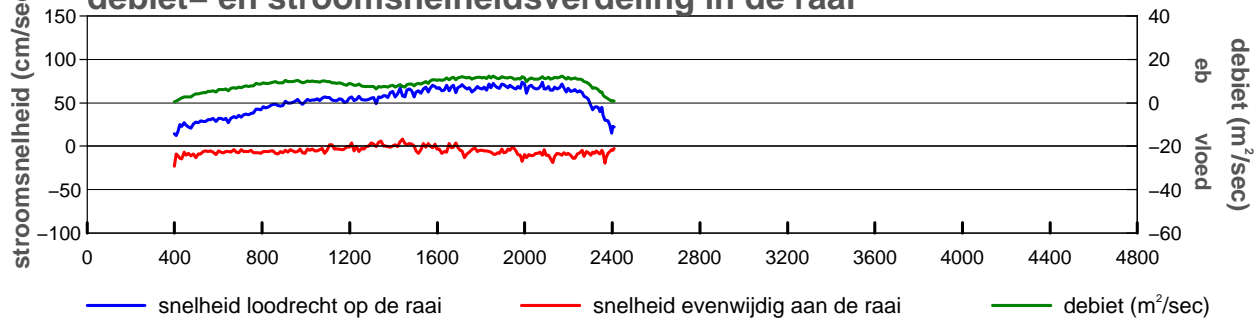
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



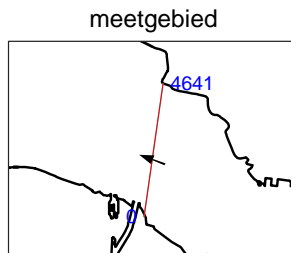
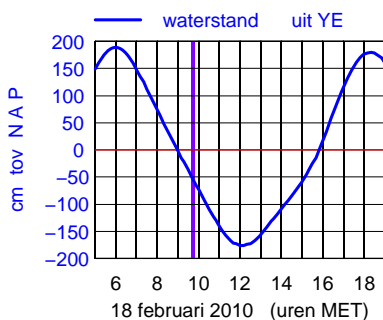
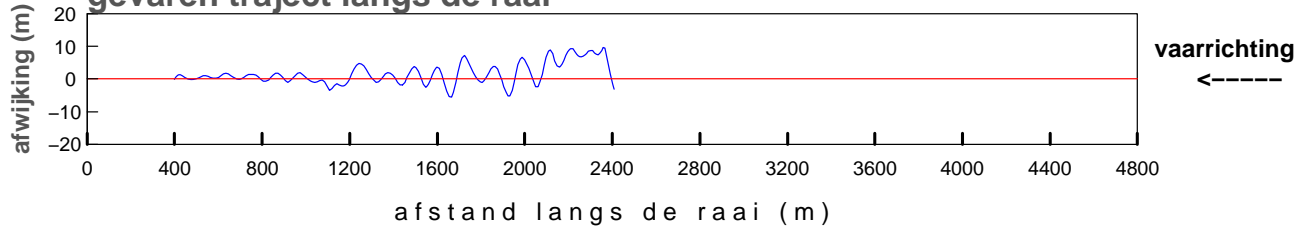
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

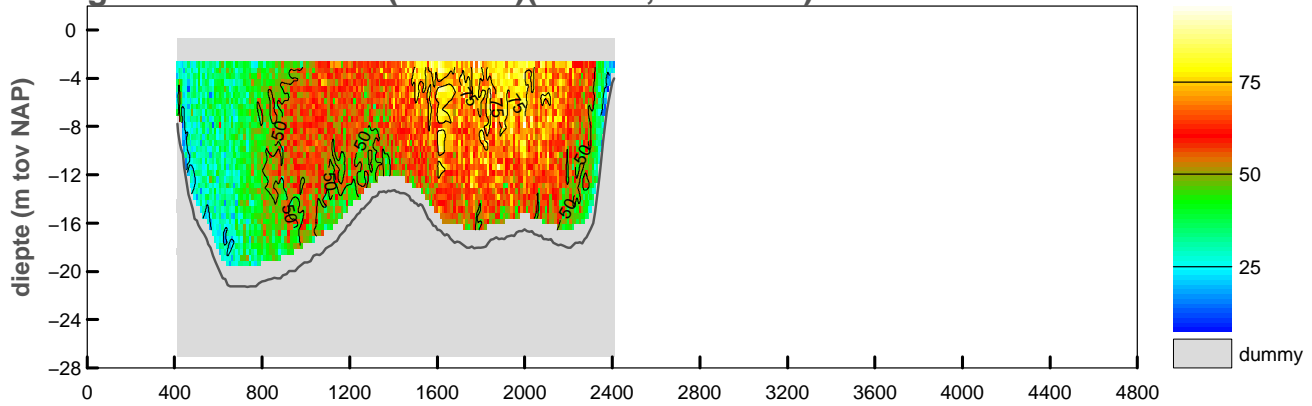


maximum gemiddelde stroom-
 snelheid in de vertikaal

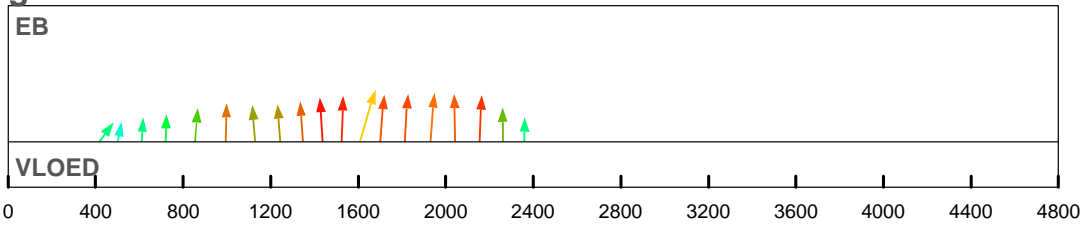
afstand uit nulpunt : 1988 m
 stroomsnelheid : 76 cm/sec
 stroomrichting : 291°

doorstroomoppervlak : -32695 m²
 raaidebiet : 17569 m³/sec

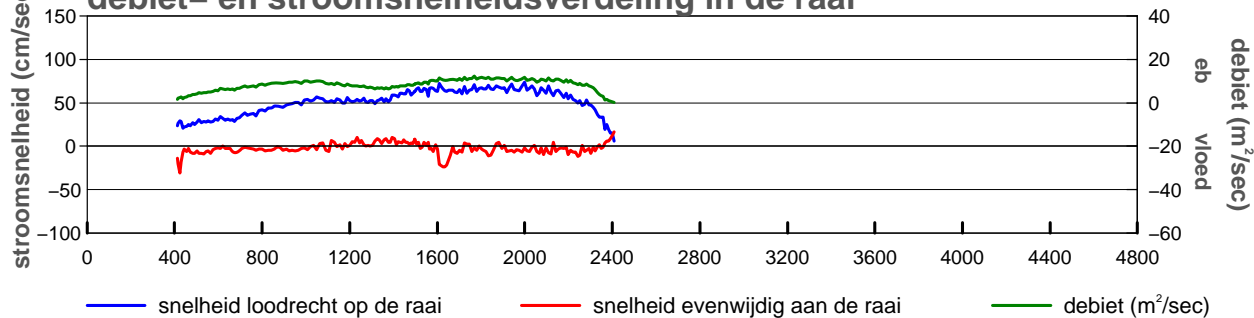
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



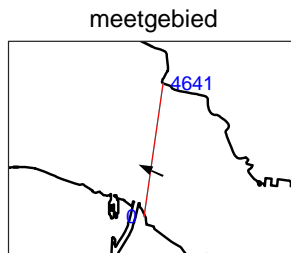
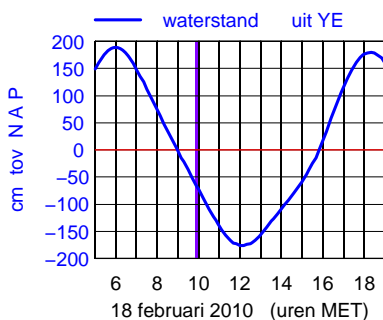
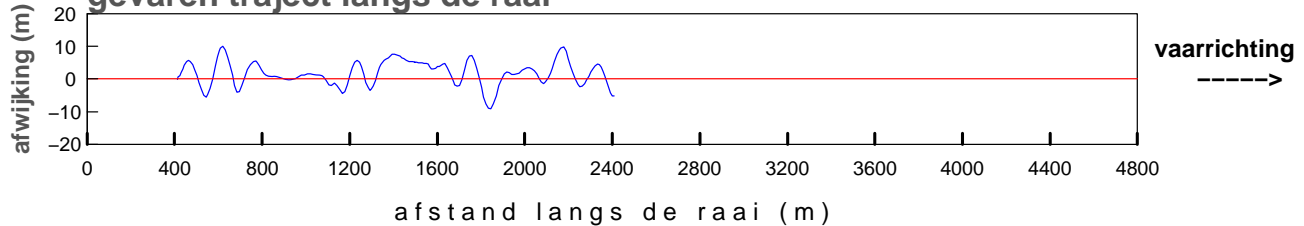
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

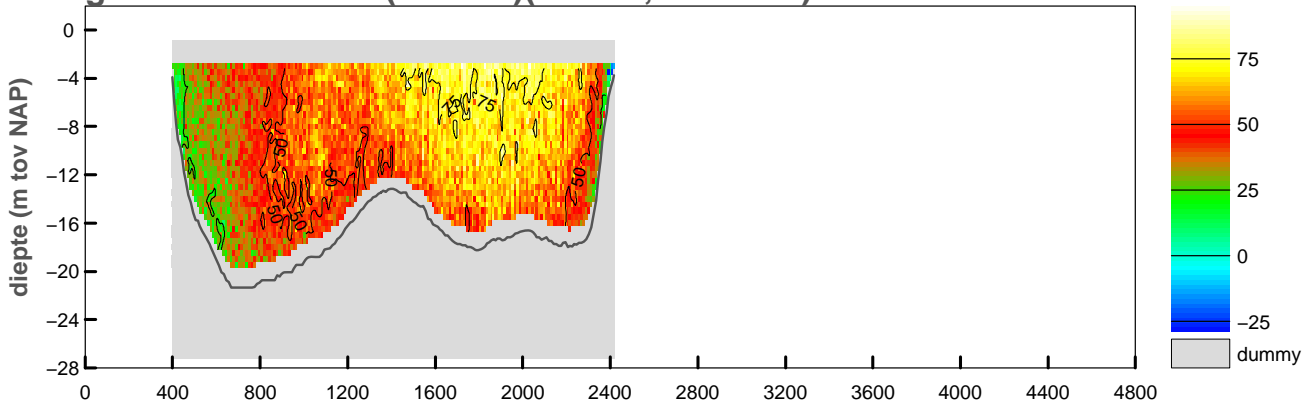


maximum gemiddelde stroom-
 snelheid in de vertikaal

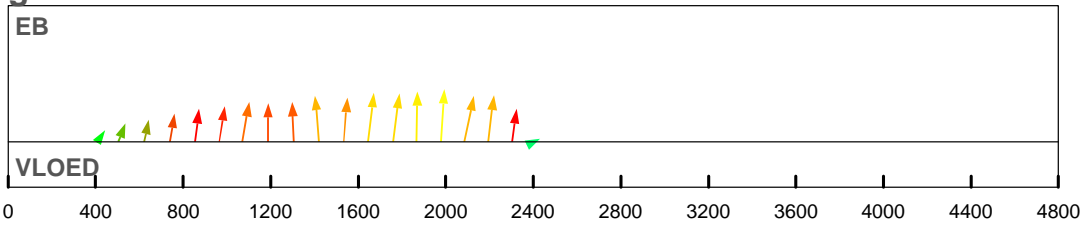
afstand uit nulpunt : 1608 m
 stroomsnelheid : 75 cm/sec
 stroomrichting : 294°

doorstroomoppervlak : -32334 m²
 raaidebiet : 16713 m³/sec

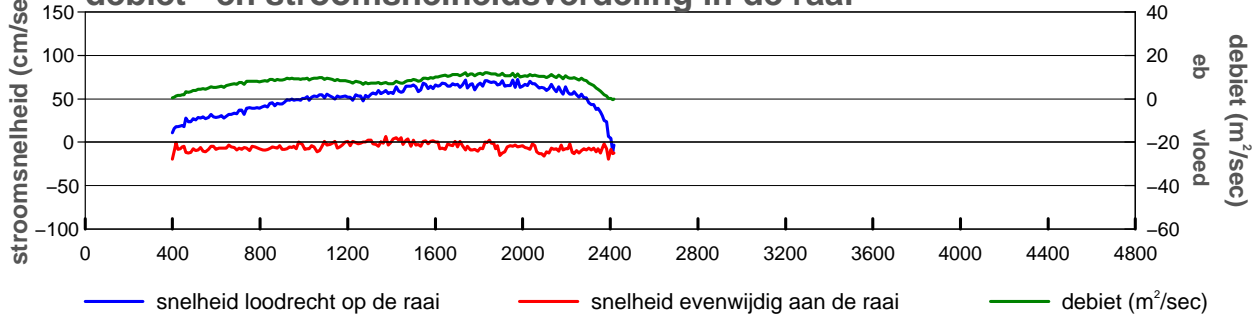
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



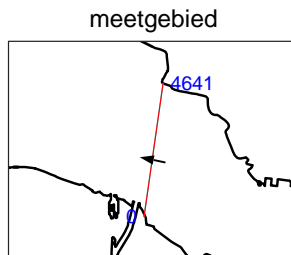
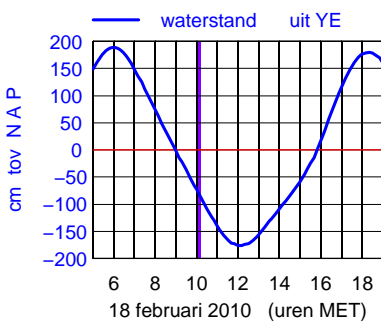
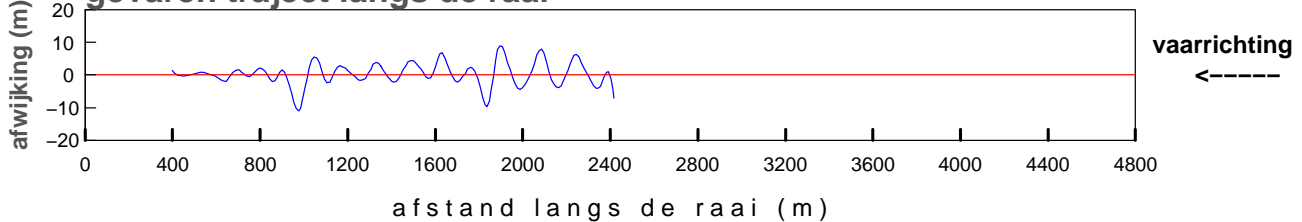
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

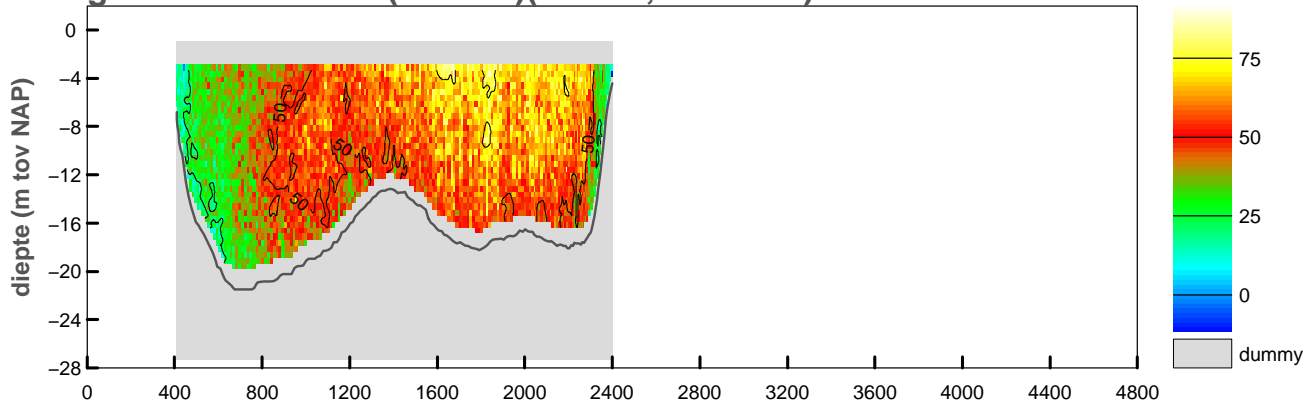


maximum gemiddelde stroom-
 snelheid in de vertikaal

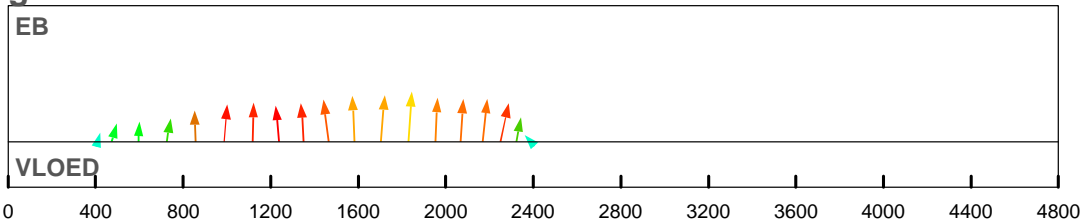
afstand uit nulpunt : 1977 m
 stroomsnelheid : 73 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -32152 m²
 raaidebiet : 16637 m³/sec

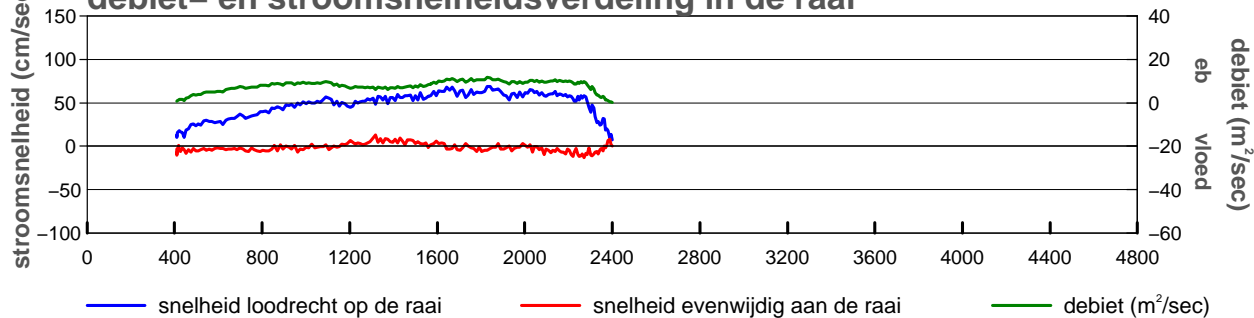
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



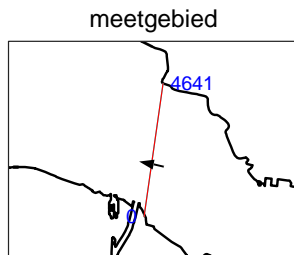
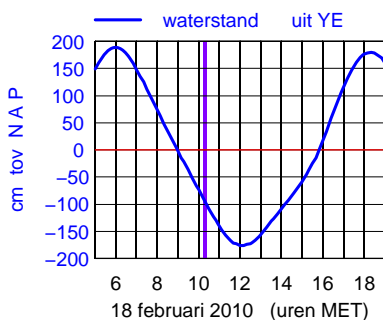
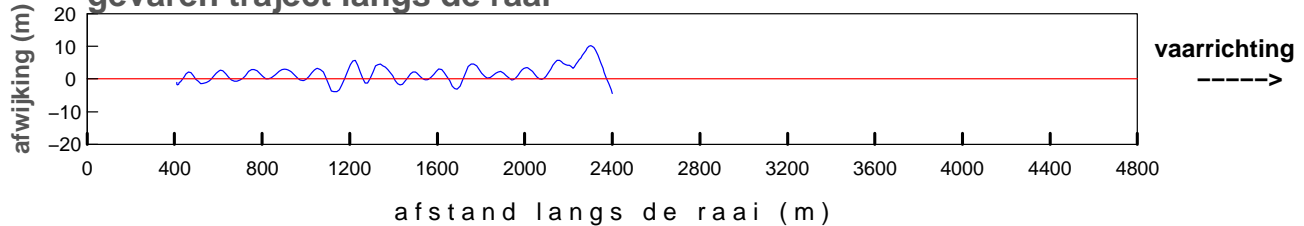
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

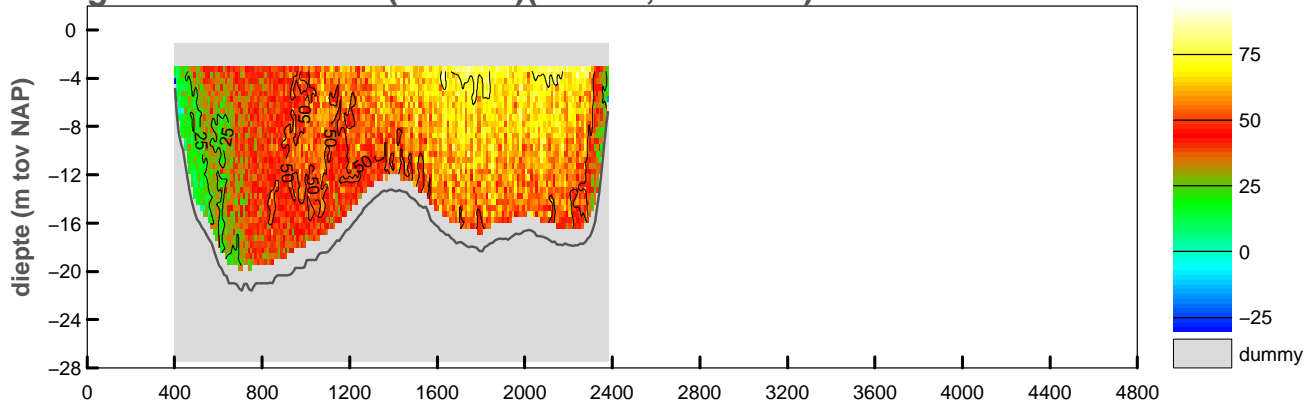


maximum gemiddelde stroom-
 snelheid in de vertikaal

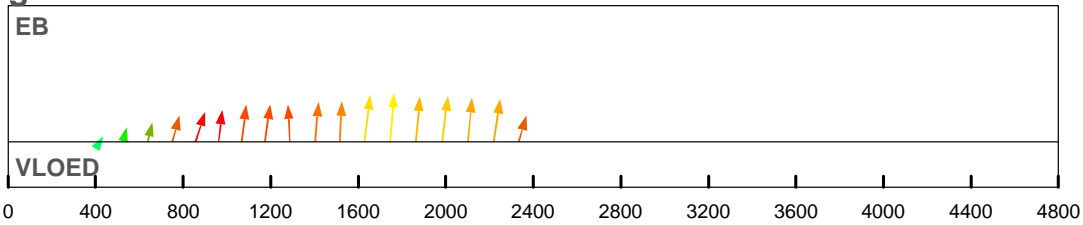
afstand uit nulpunt : 1828 m
 stroomsnelheid : 69 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -31897 m²
 raaidebiet : 15732 m³/sec

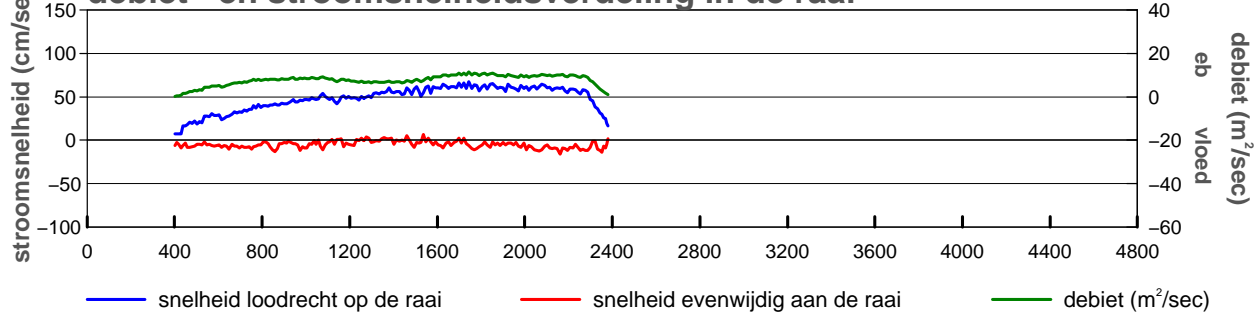
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



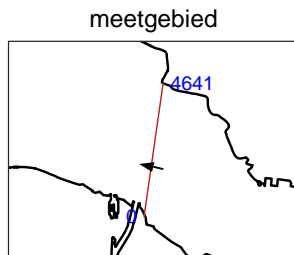
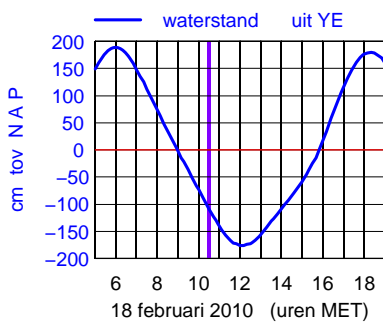
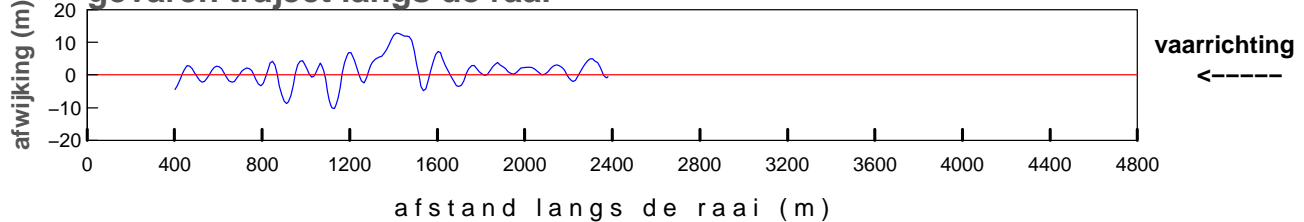
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

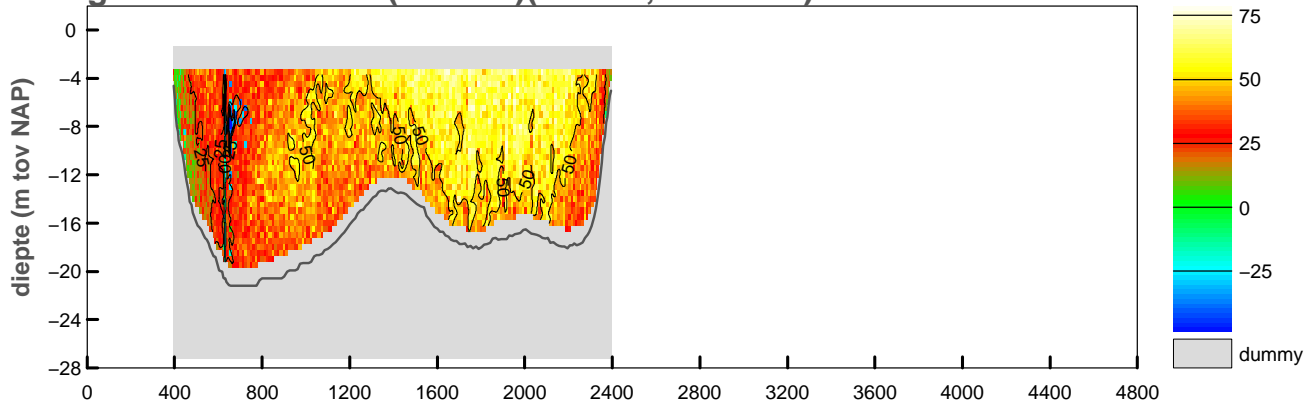


maximum gemiddelde stroom-
 snelheid in de vertikaal

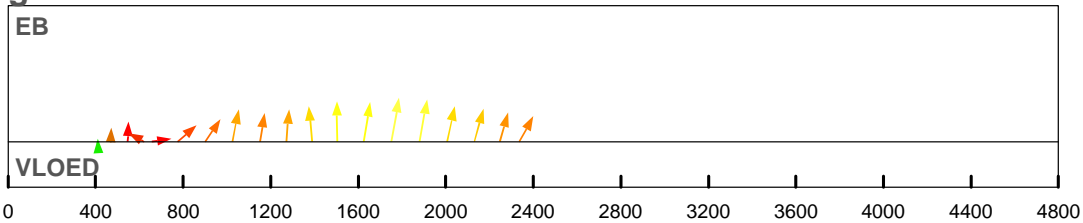
afstand uit nulpunt : 1745 m
 stroomsnelheid : 68 cm/sec
 stroomrichting : 283°

doorstroomoppervlak : -31525 m²
 raaidebiet : 15313 m³/sec

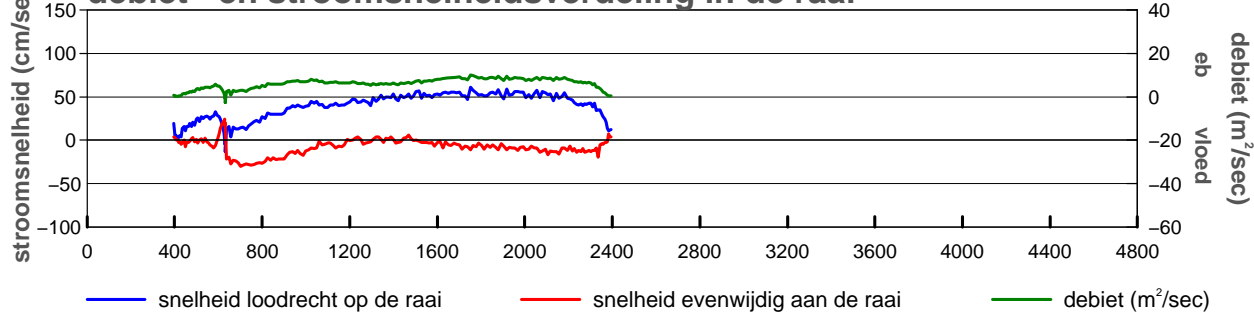
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



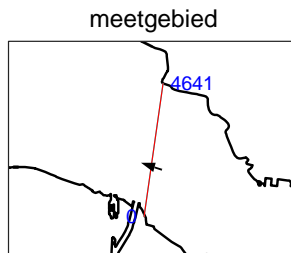
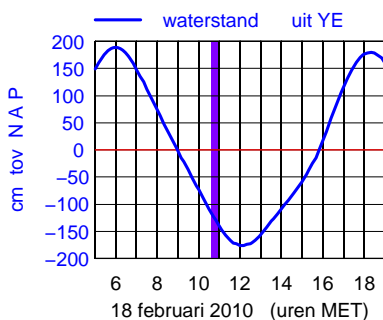
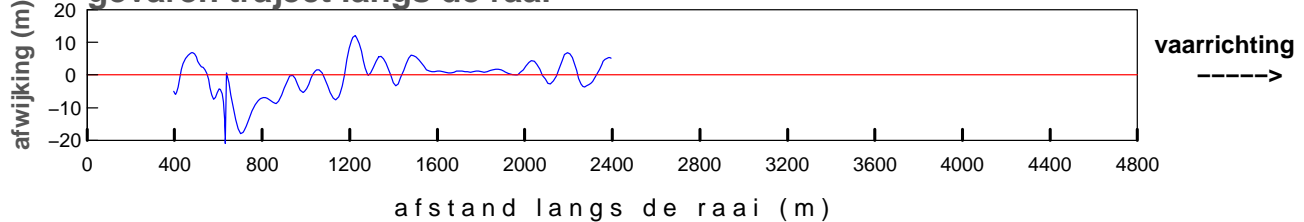
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

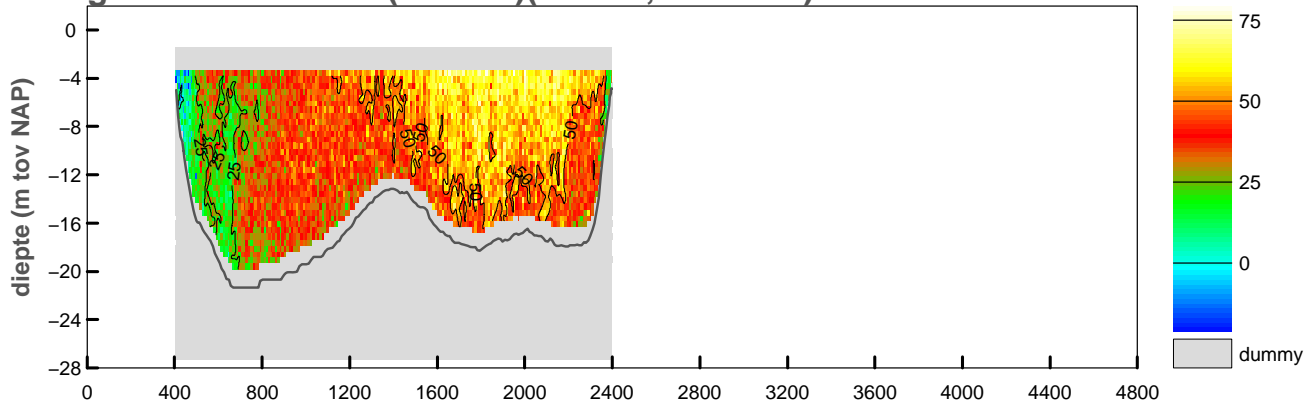


maximum gemiddelde stroom-
 snelheid in de vertikaal

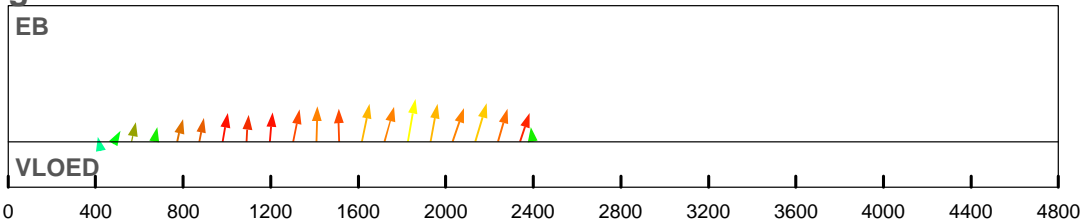
afstand uit nulpunt : 1751 m
 stroomsnelheid : 62 cm/sec
 stroomrichting : 288°

doorstroomoppervlak : -31160 m²
 raaidebiet : 12539 m³/sec

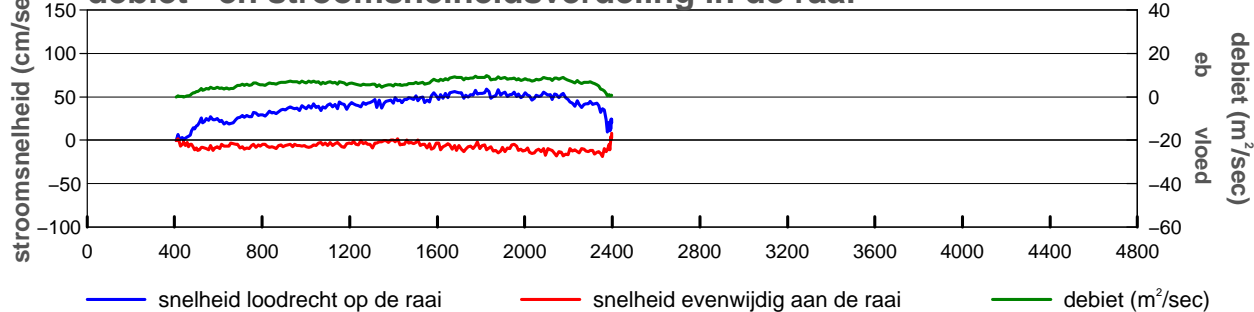
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



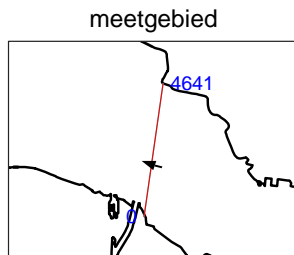
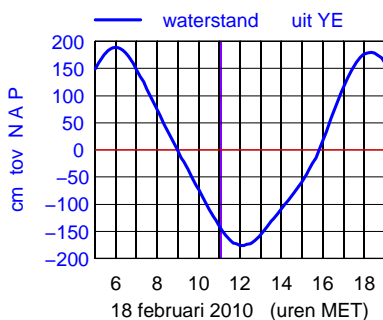
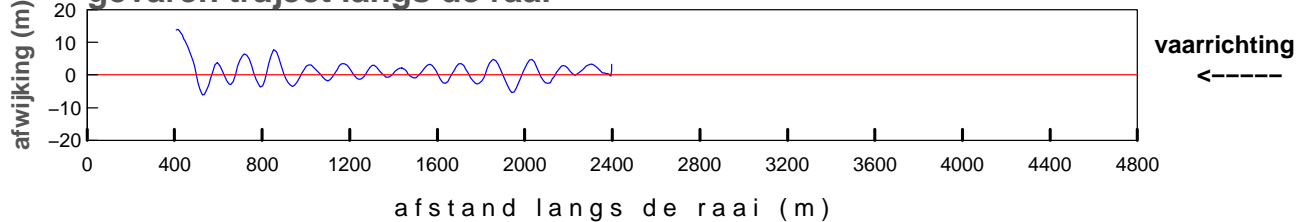
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

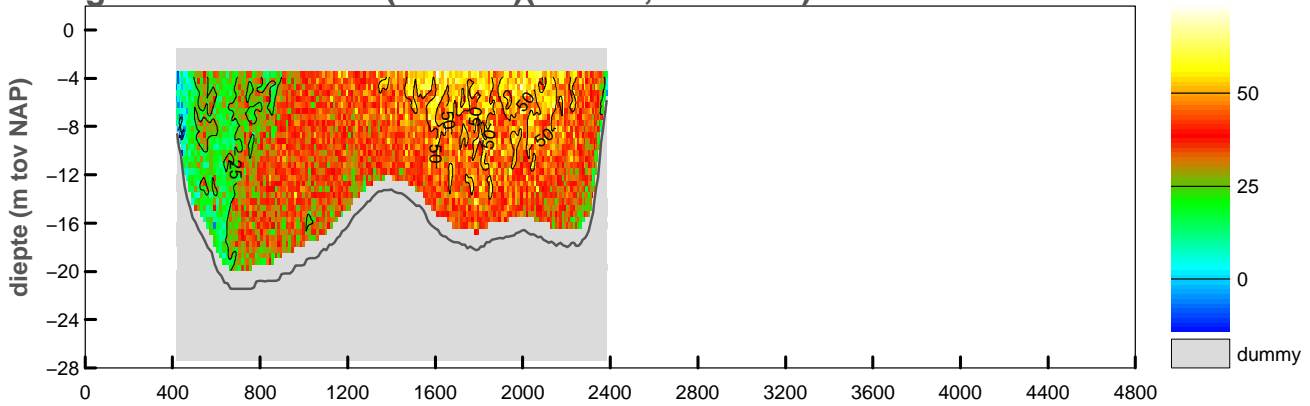


maximum gemiddelde stroom-
 snelheid in de vertikaal

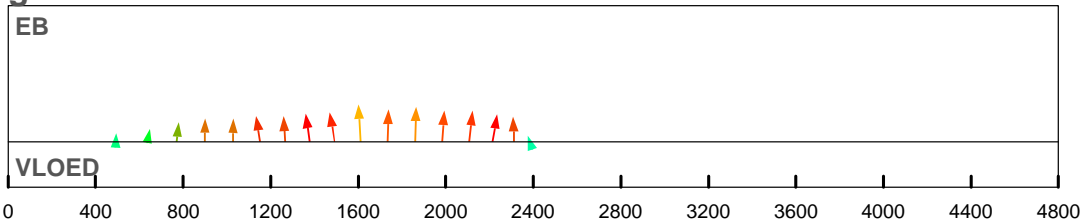
afstand uit nulpunt : 1826 m
 stroomsnelheid : 60 cm/sec
 stroomrichting : 288°

doorstroomoppervlak : -30912 m²
 raaidebiet : 12420 m³/sec

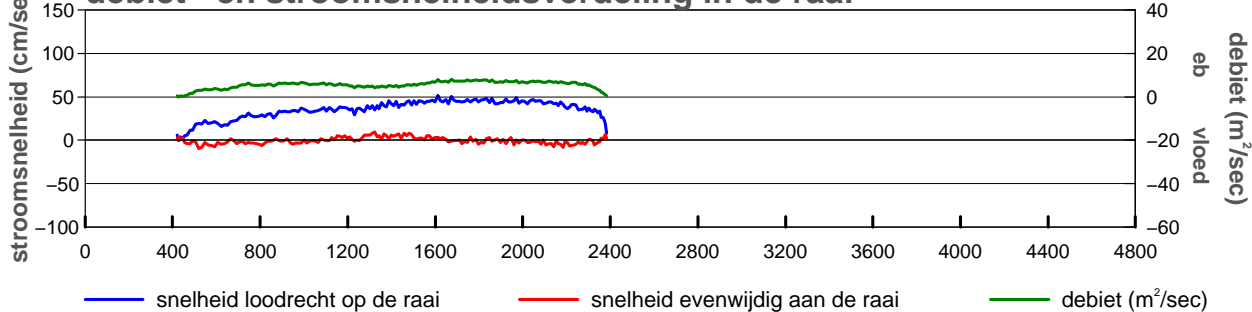
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



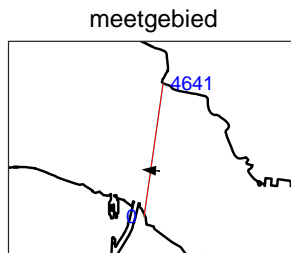
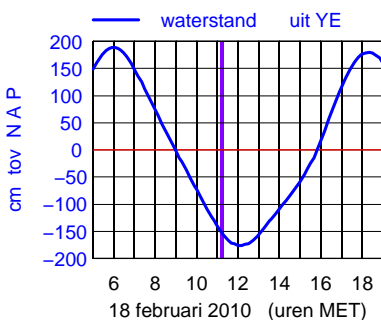
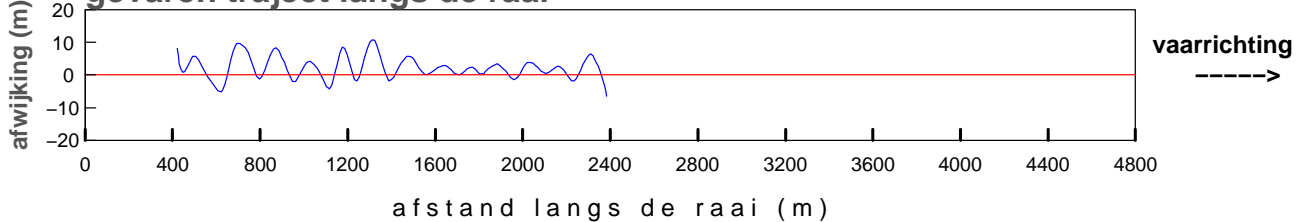
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

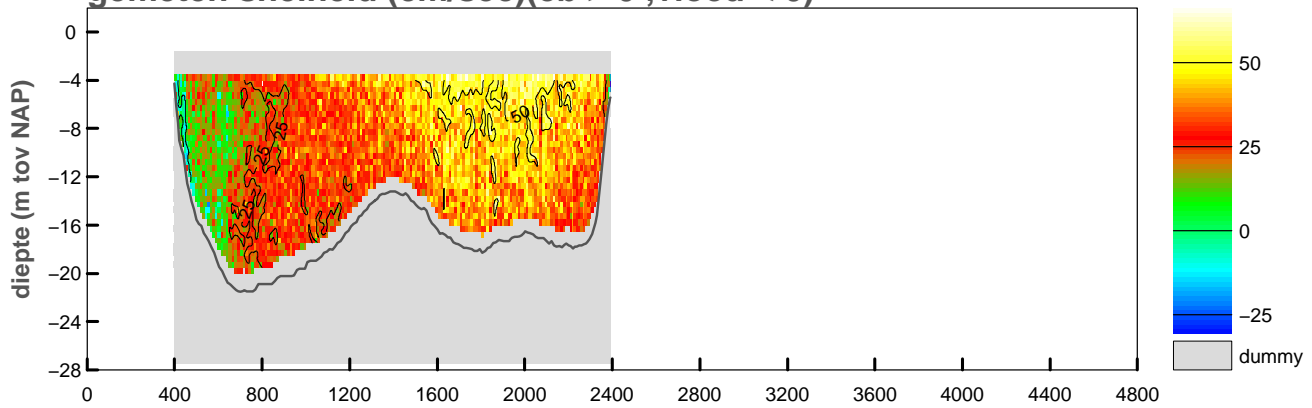


maximum gemiddelde stroom-
 snelheid in de vertikaal

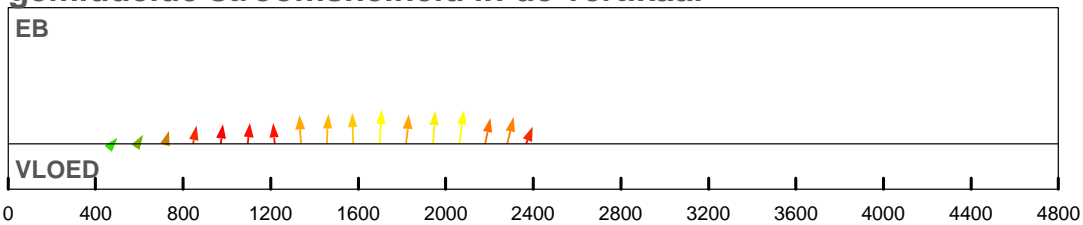
afstand uit nulpunt : 1611 m
 stroomsnelheid : 51 cm/sec
 stroomrichting : 274°

doorstroomoppervlak : -30578 m²
 raaidebiet : 10884 m³/sec

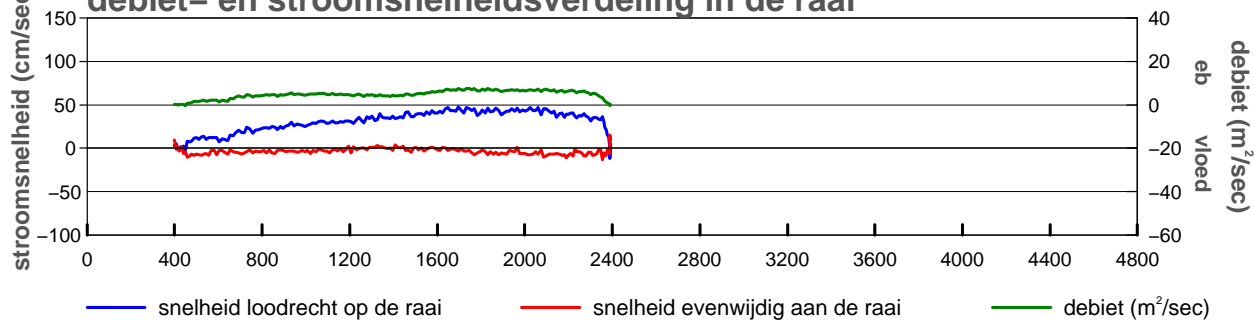
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



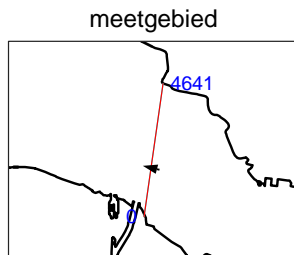
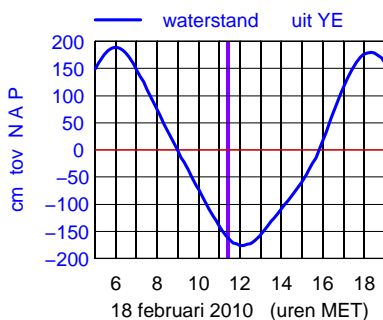
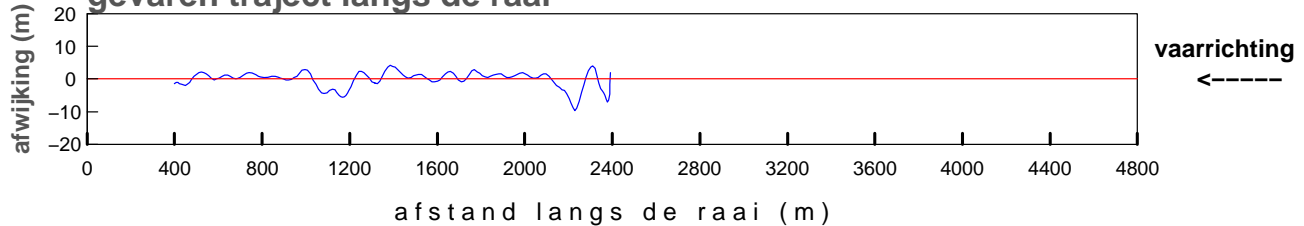
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

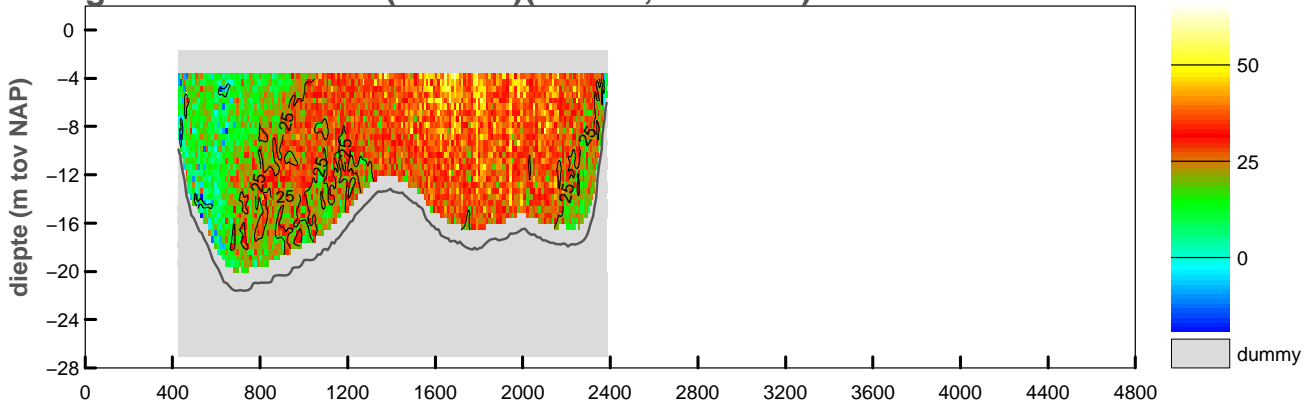


maximum gemiddelde stroom-
 snelheid in de vertikaal

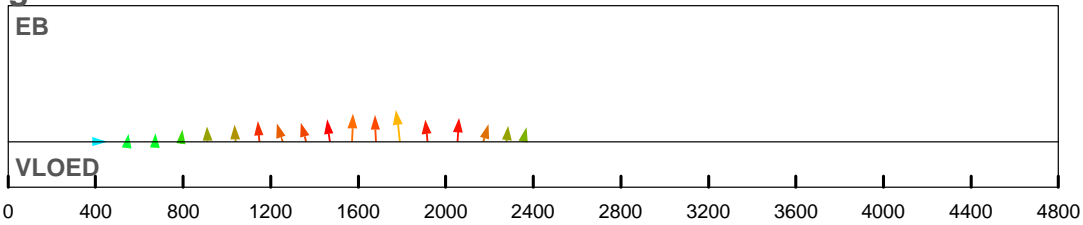
afstand uit nulpunt : 1697 m
 stroomsnelheid : 48 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -30528 m²
 raaidebiet : 9627 m³/sec

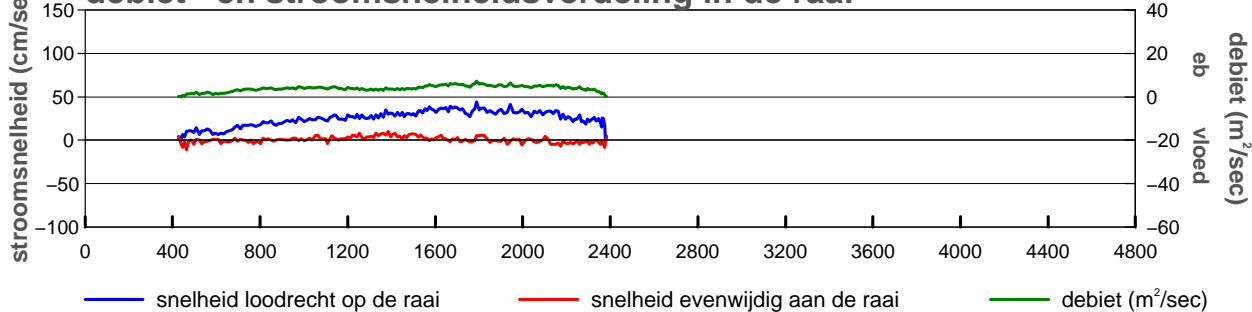
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



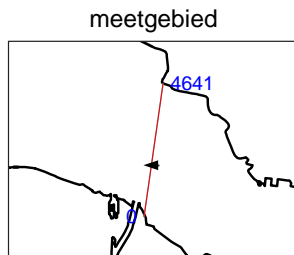
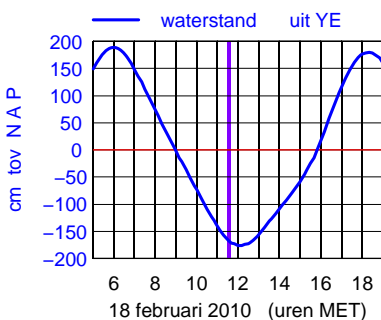
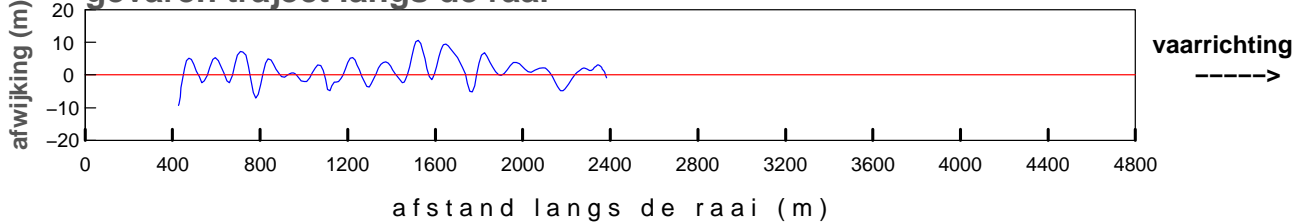
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

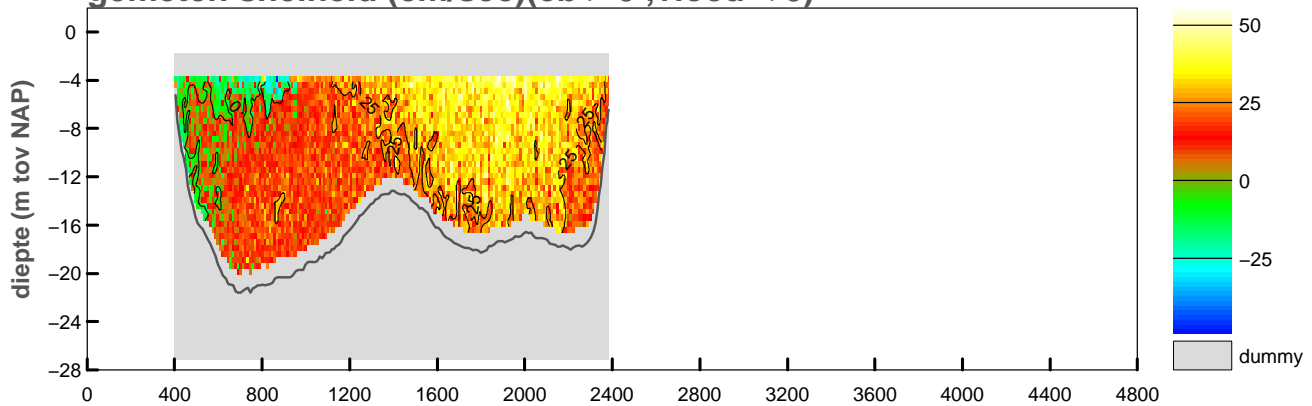


maximum gemiddelde stroom-
 snelheid in de vertikaal

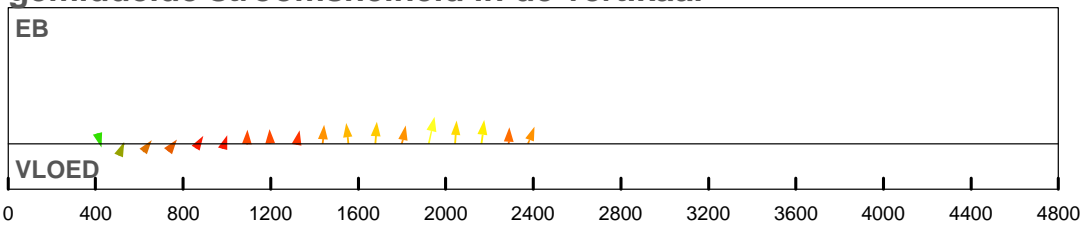
afstand uit nulpunt : 1790 m
 stroomsnelheid : 44 cm/sec
 stroomrichting : 271°

doorstroomoppervlak : -30278 m²
 raaidebiet : 7606 m³/sec

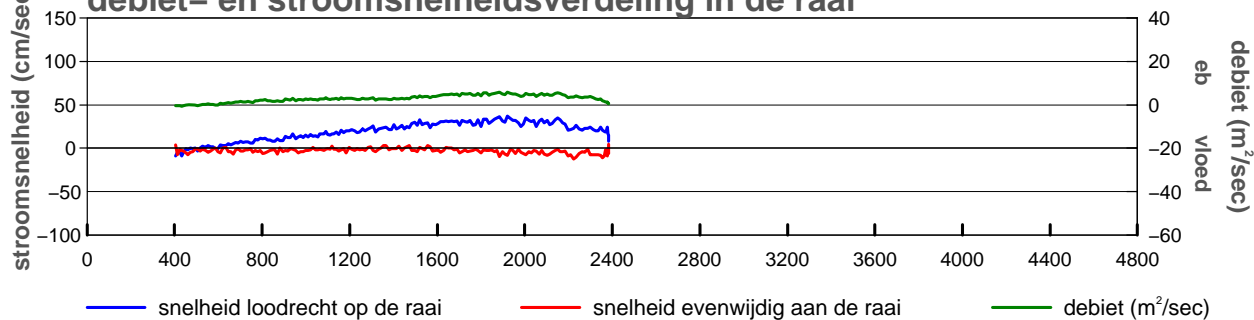
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



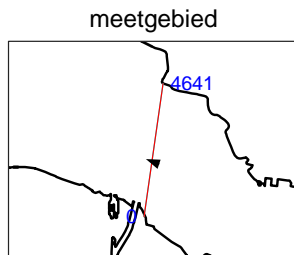
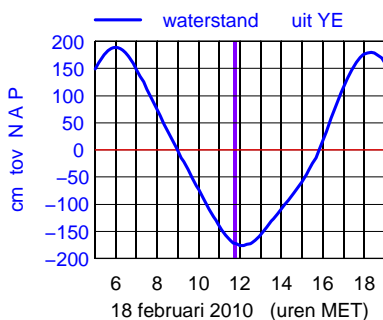
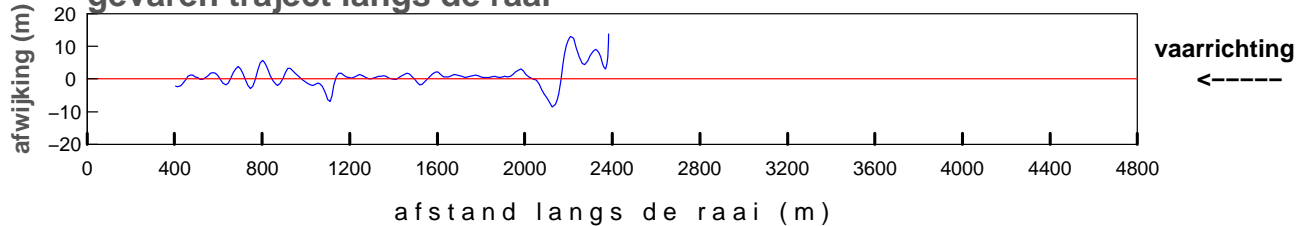
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

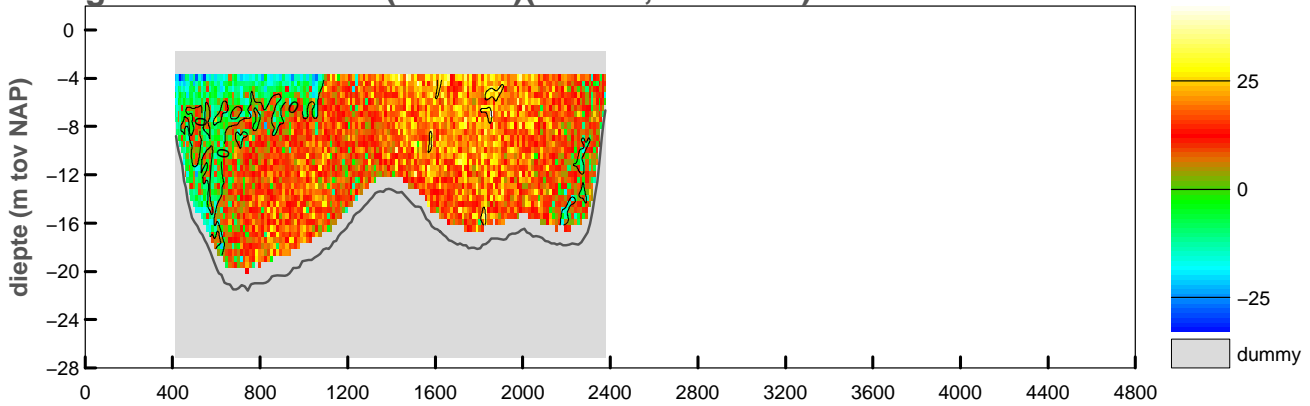


maximum gemiddelde stroom-
 snelheid in de vertikaal

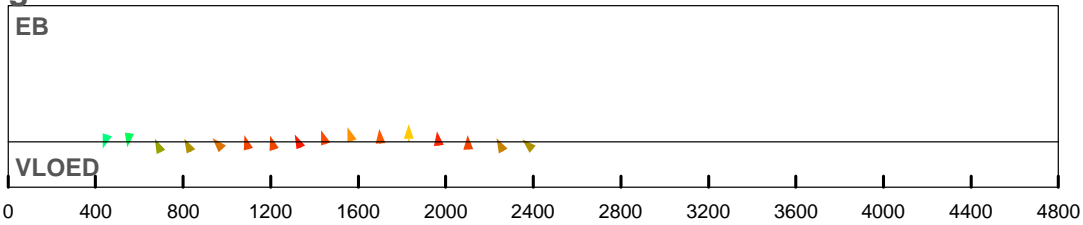
afstand uit nulpunt : 1922 m
 stroomsnelheid : 38 cm/sec
 stroomrichting : 291°

doorstroomoppervlak : -30313 m²
 raaidebiet : 5890 m³/sec

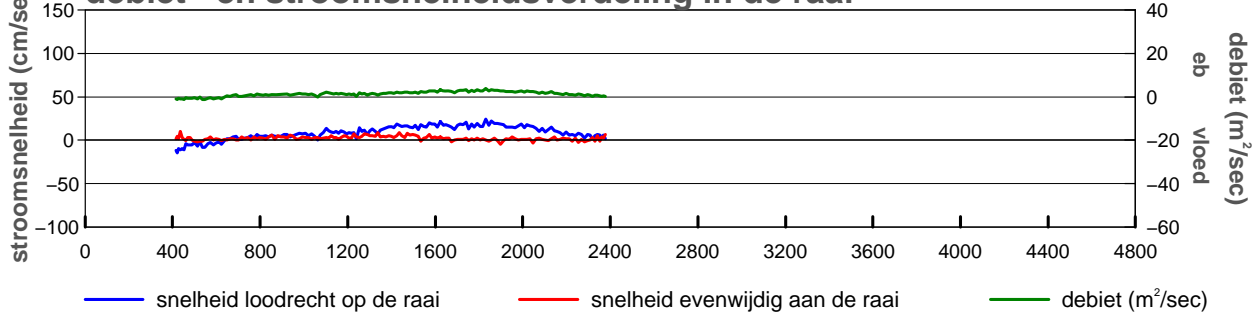
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



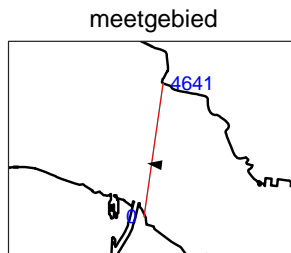
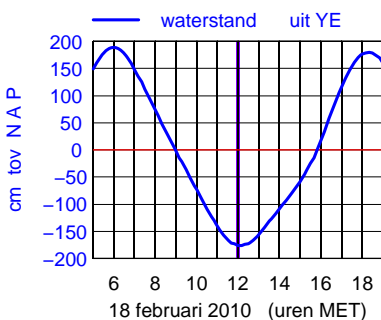
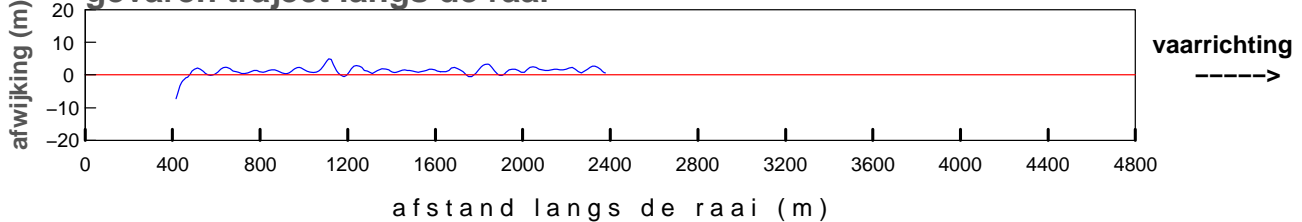
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

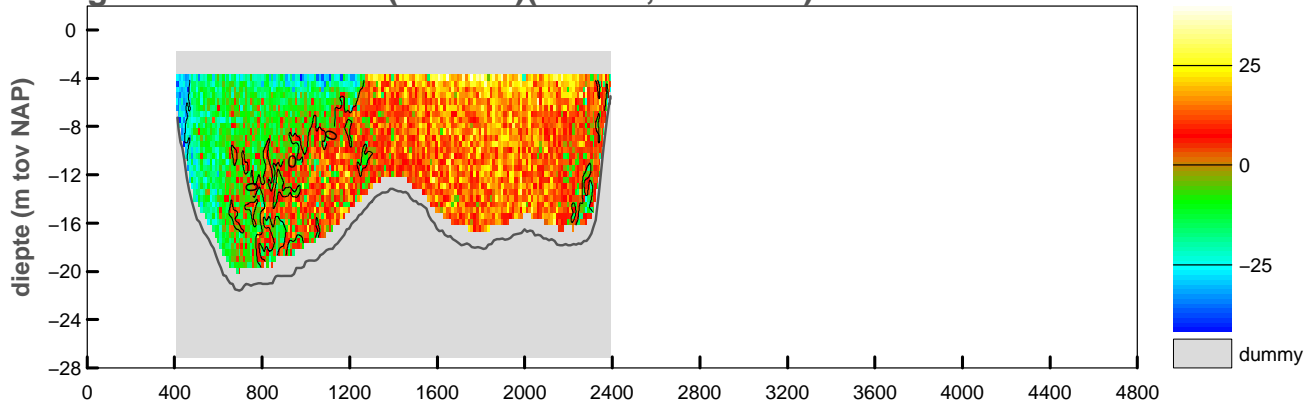


maximum gemiddelde stroom-
 snelheid in de vertikaal

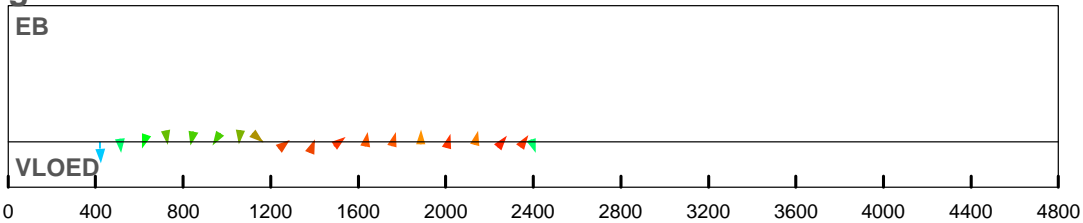
afstand uit nulpunt : 1831 m
 stroomsnelheid : 24 cm/sec
 stroomrichting : 277°

doorstroomoppervlak : -30145 m²
 raaidebiet : 2702 m³/sec

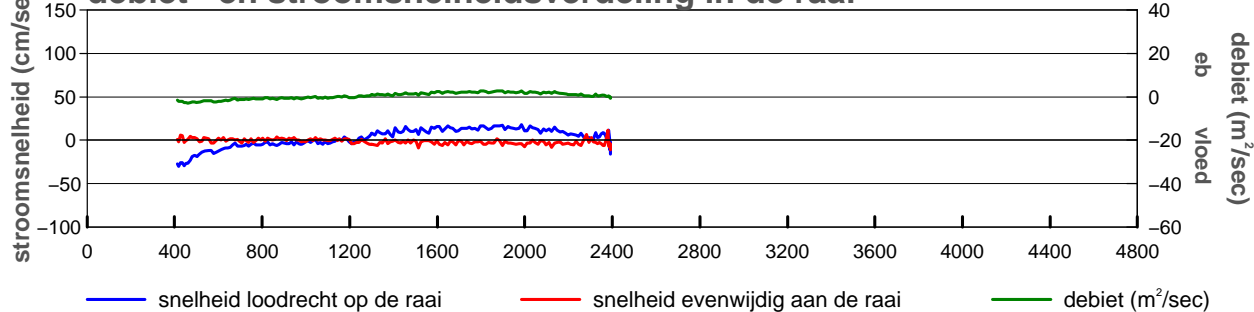
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



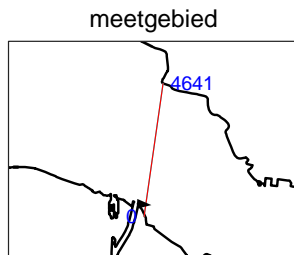
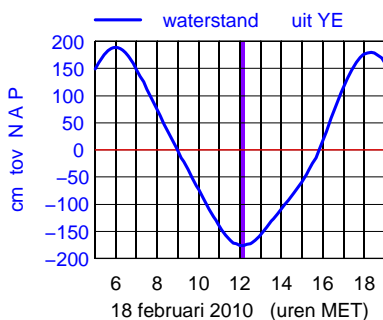
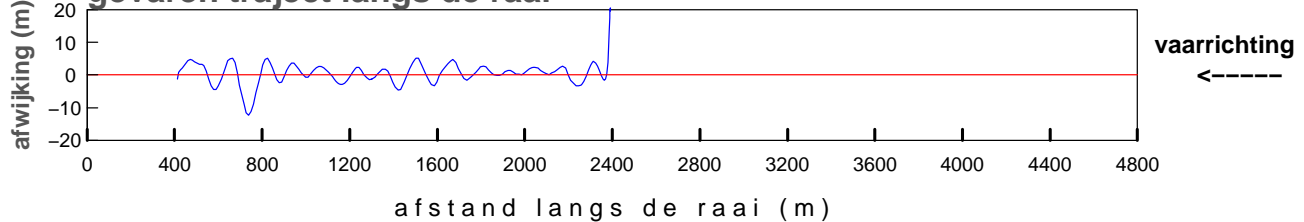
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

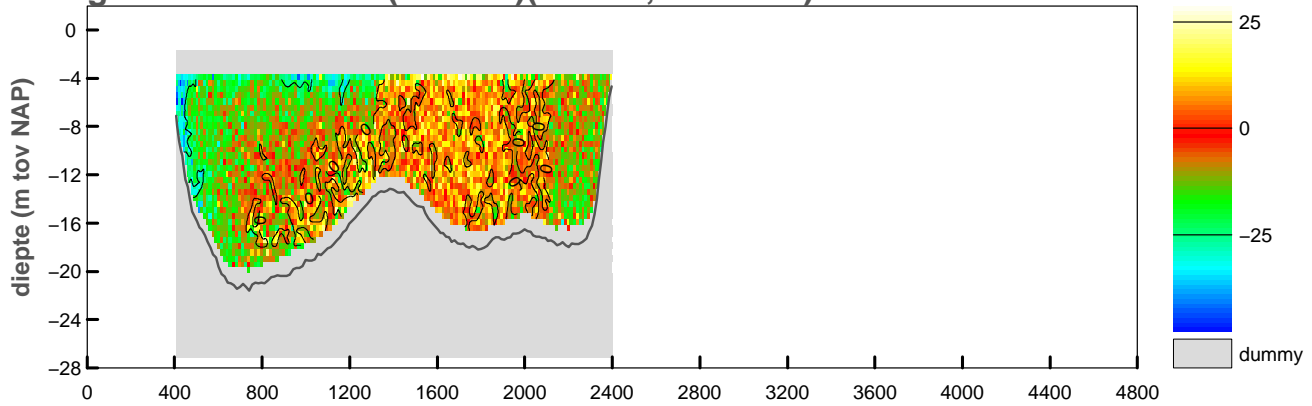


maximum gemiddelde stroom-
 snelheid in de vertikaal

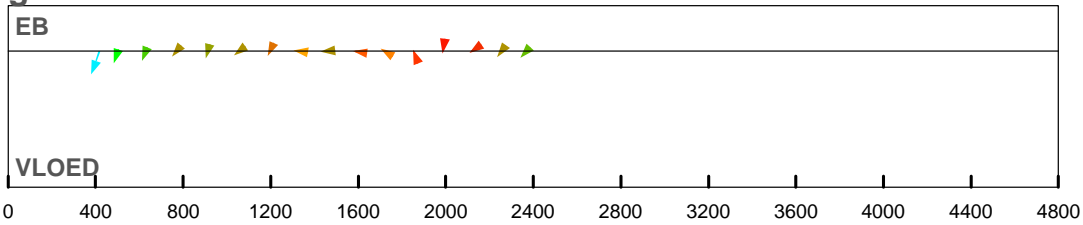
afstand uit nulpunt : 419 m
 stroomsnelheid : 30 cm/sec
 stroomrichting : 94°

doorstroomoppervlak : -30203 m²
 raaidebiet : 929 m³/sec

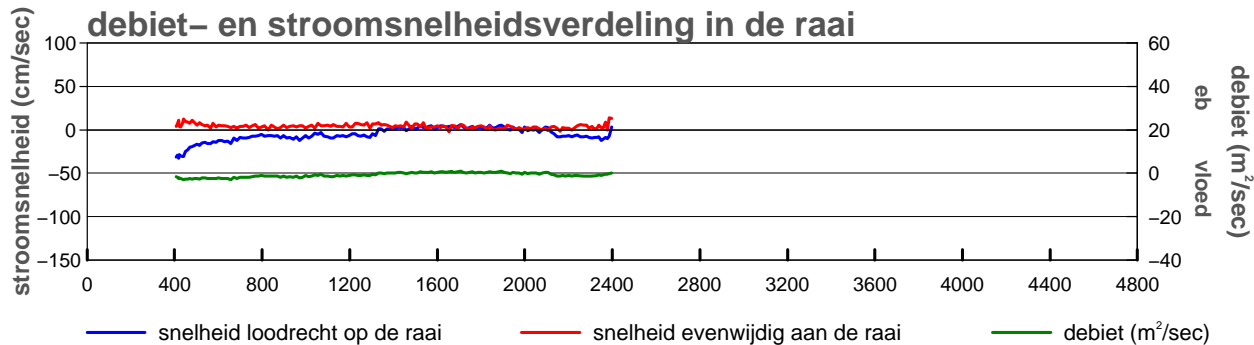
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



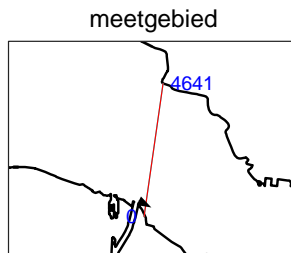
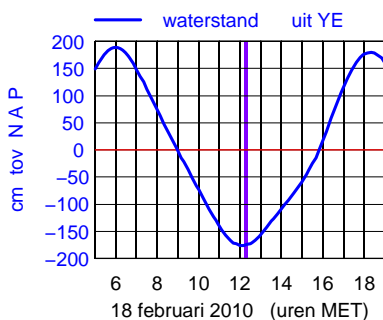
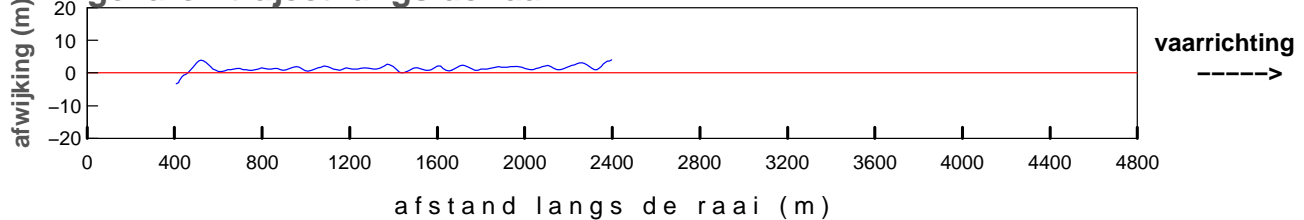
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

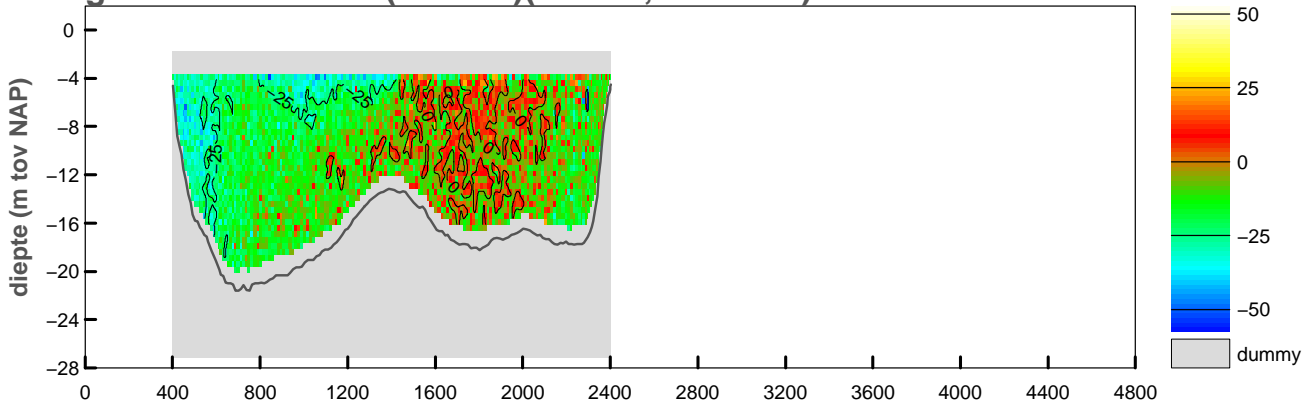


maximum gemiddelde stroom-
 snelheid in de vertikaal

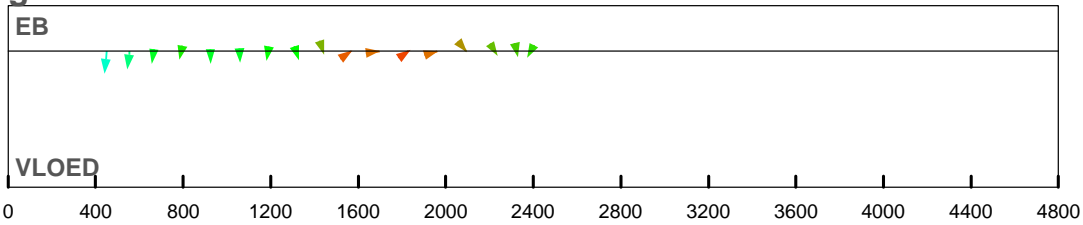
afstand uit nulpunt : 417 m
 stroomsnelheid : 34 cm/sec
 stroomrichting : 117°

doorstroomoppervlak : -30218 m²
 raaidebiet : -1527 m³/sec

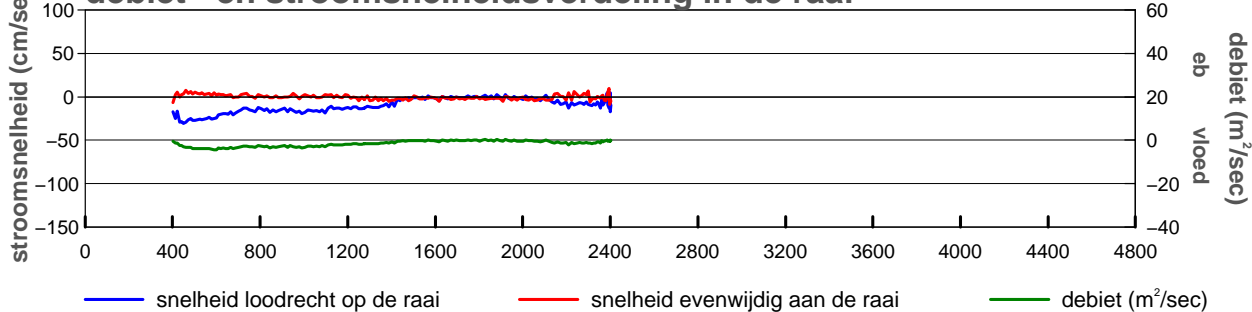
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



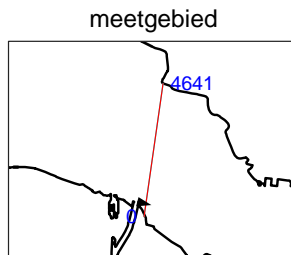
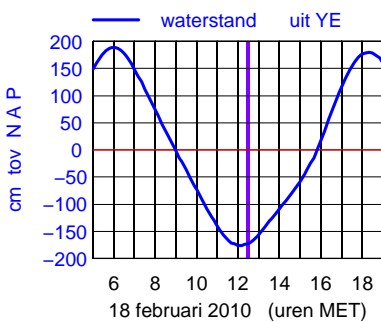
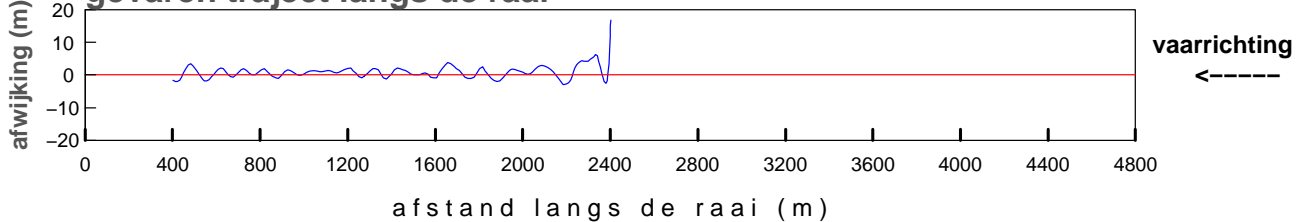
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

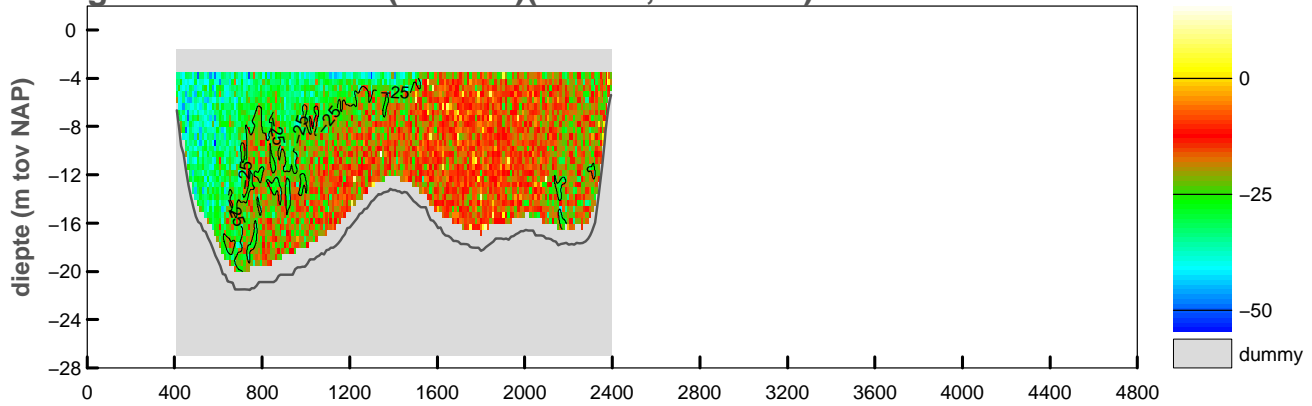


maximum gemiddelde stroom-
 snelheid in de vertikaal

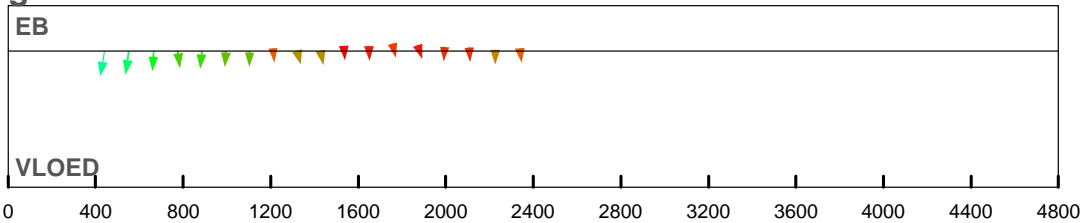
afstand uit nulpunt : 450 m
 stroomsnelheid : 31 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -30318 m²
 raaidebiet : -3081 m³/sec

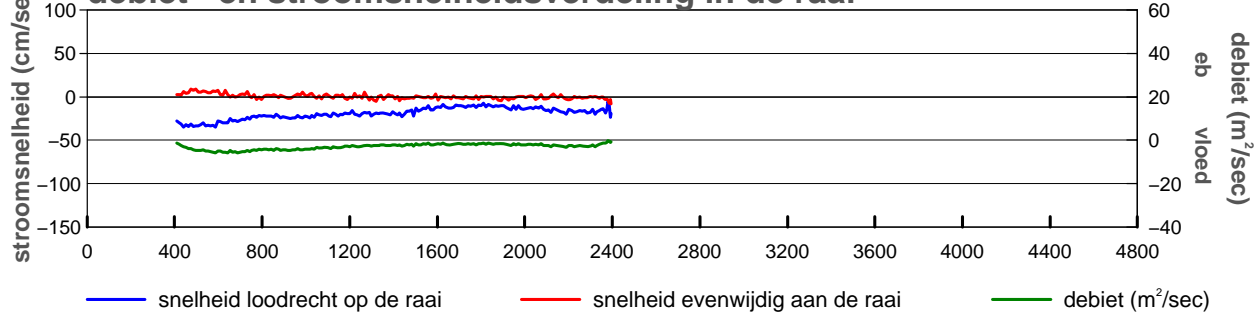
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



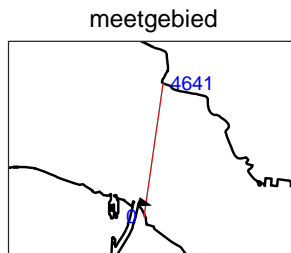
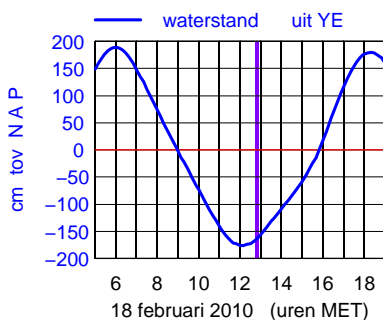
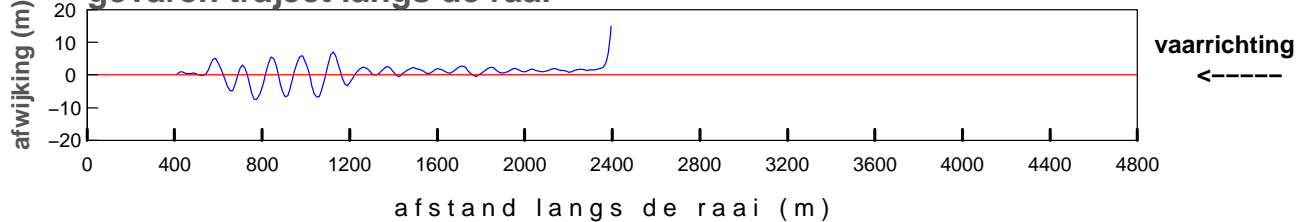
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

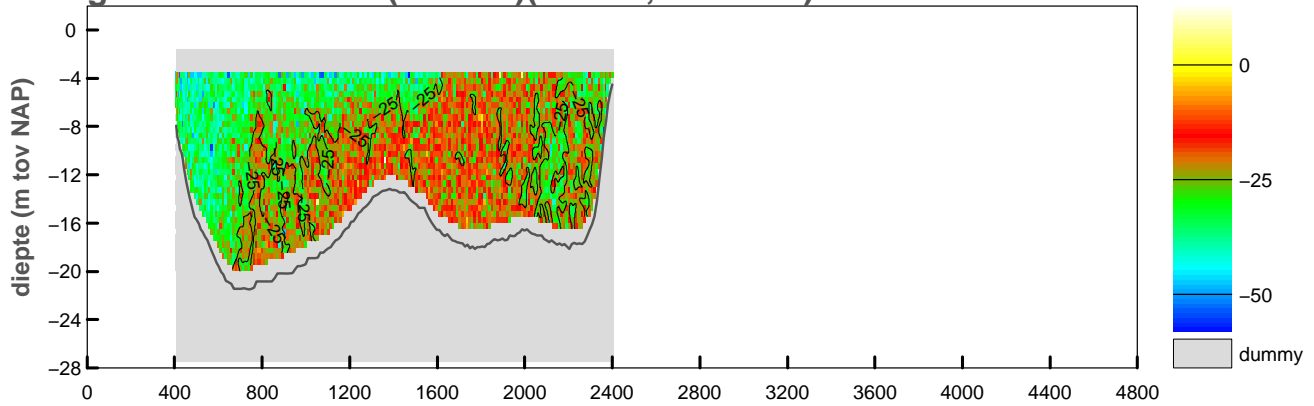


maximum gemiddelde stroom-
 snelheid in de vertikaal

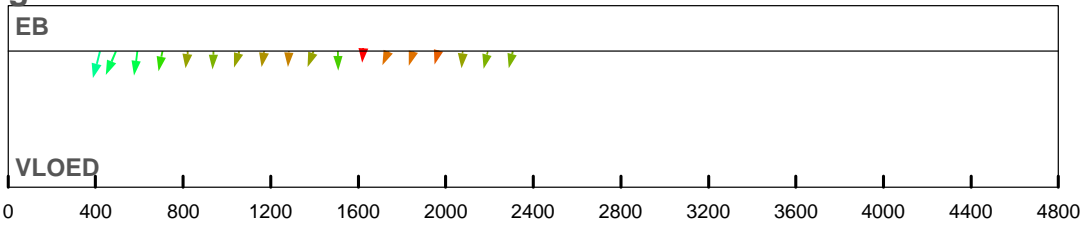
afstand uit nulpunt : 441 m
 stroomsnelheid : 35 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -30446 m²
 raaidebiet : -5840 m³/sec

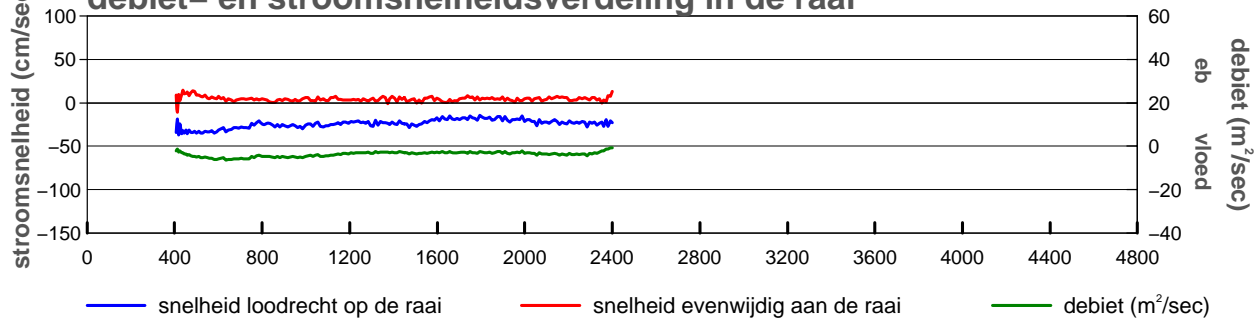
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



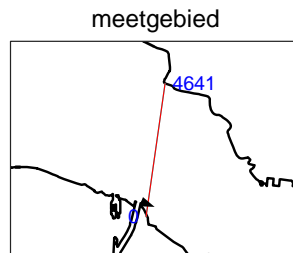
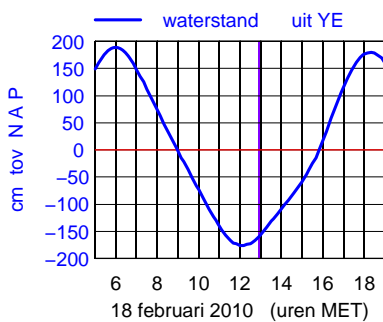
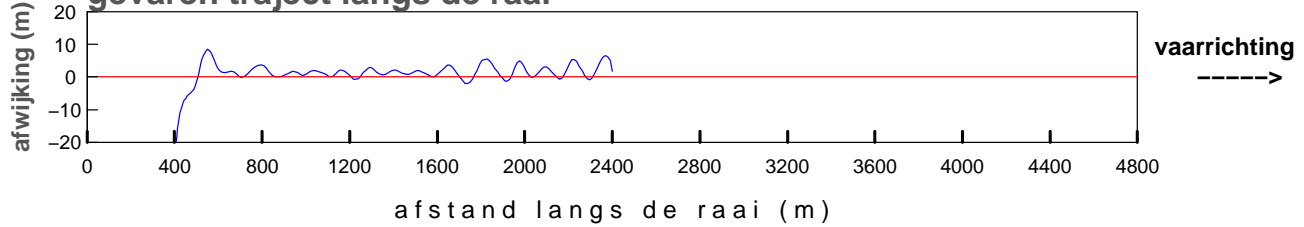
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

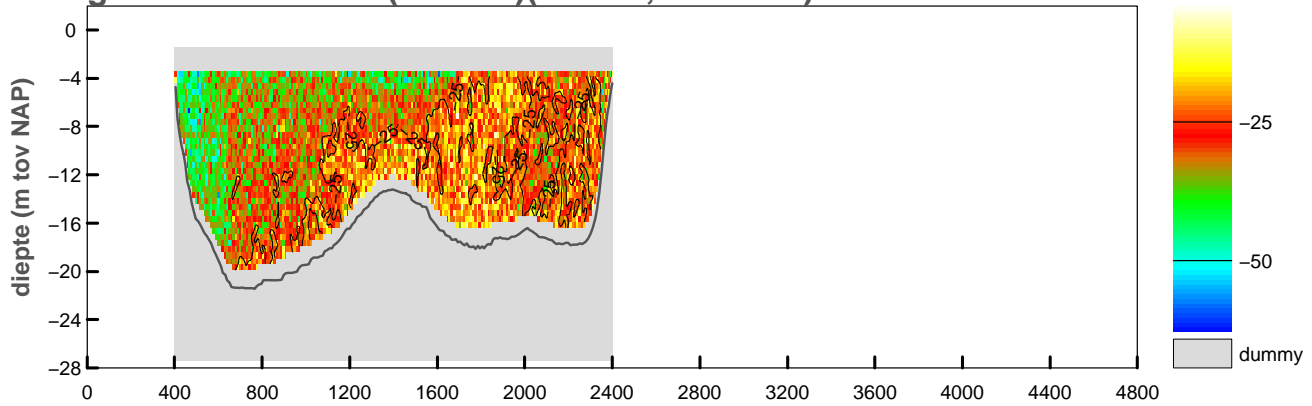


maximum gemiddelde stroom-
 snelheid in de vertikaal

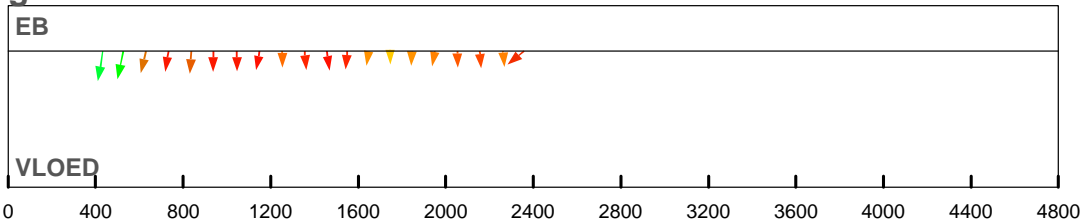
afstand uit nulpunt : 419 m
 stroomsnelheid : 38 cm/sec
 stroomrichting : 112°

doorstroomoppervlak : -30608 m²
 raaidebiet : -7324 m³/sec

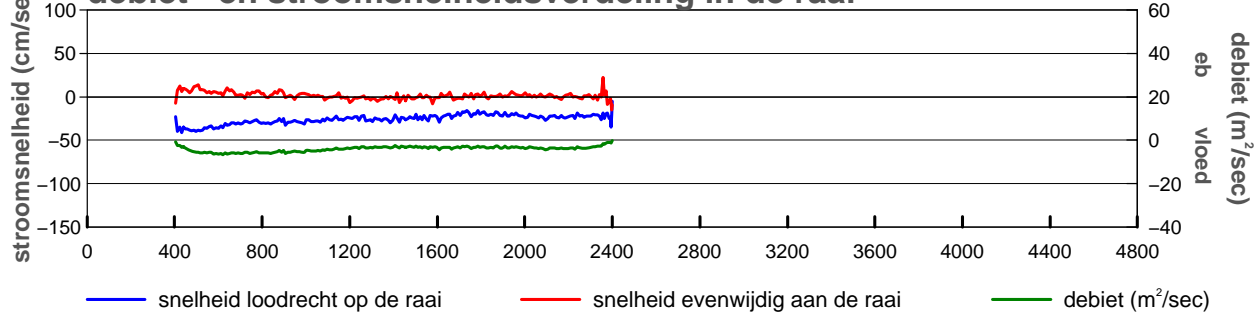
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



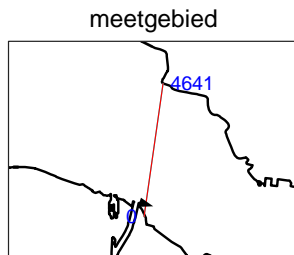
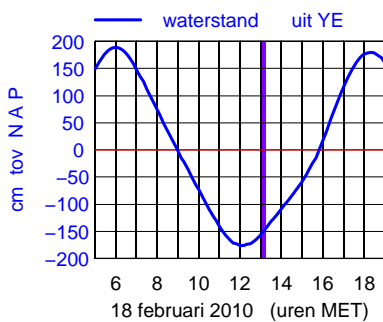
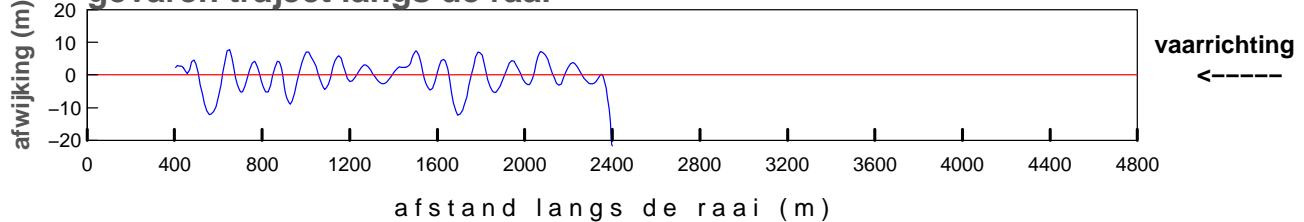
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

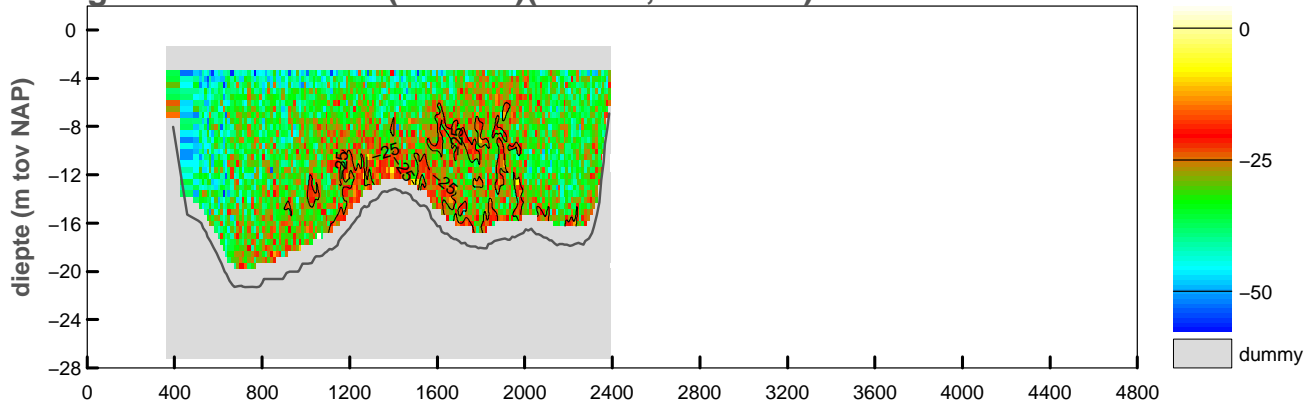


maximum gemiddelde stroom-
 snelheid in de vertikaal

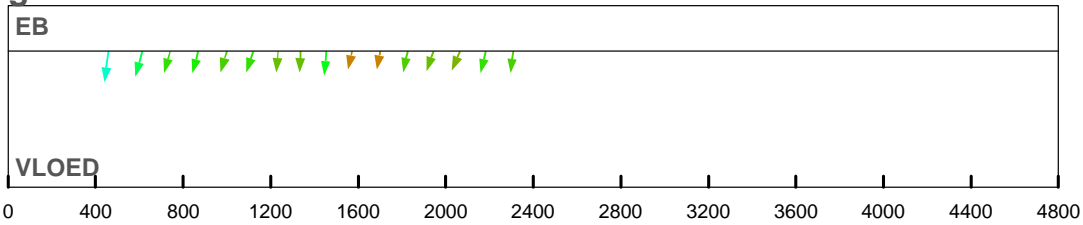
afstand uit nulpunt : 432 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -30769 m²
 raaidebiet : -7951 m³/sec

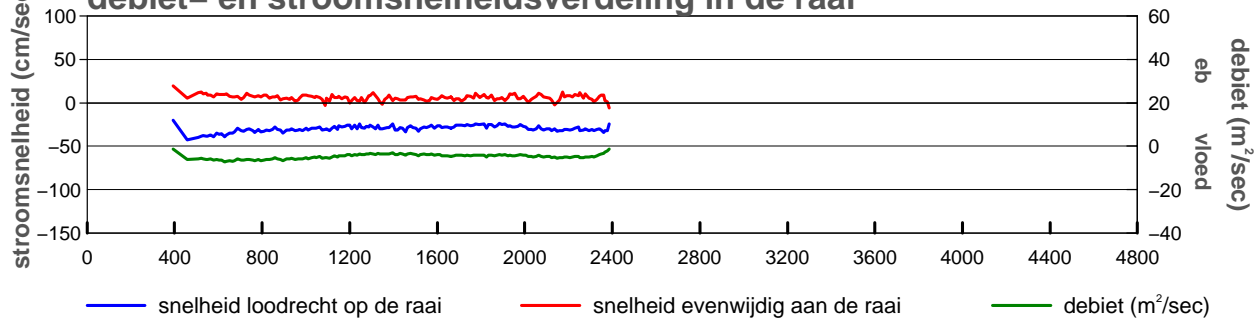
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



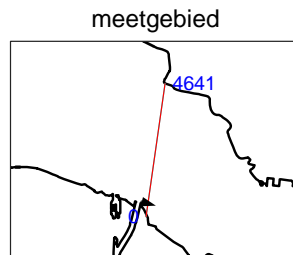
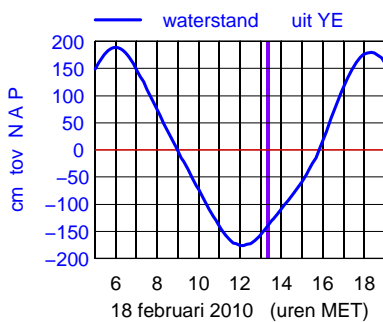
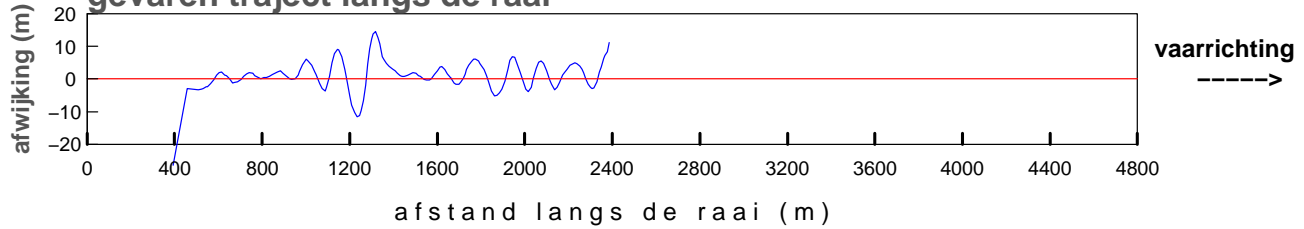
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

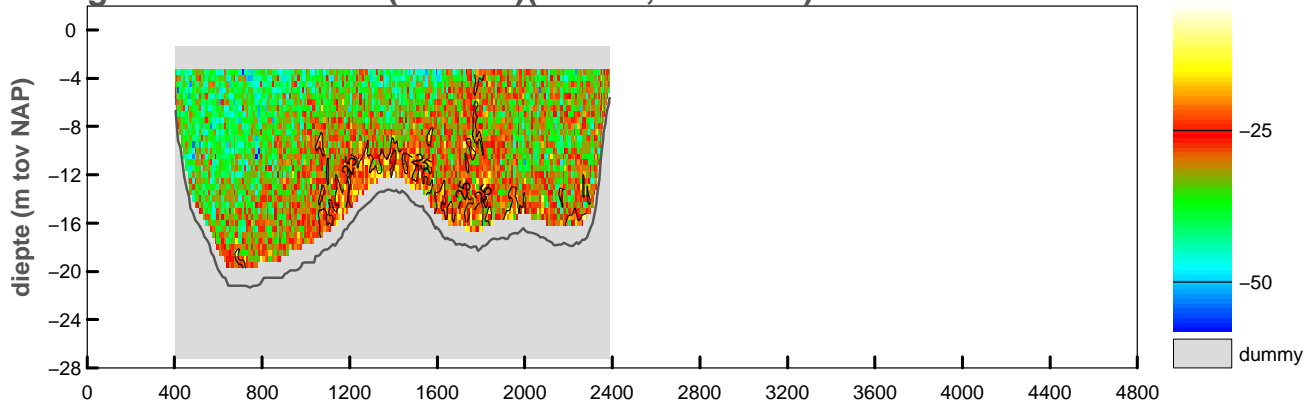


maximum gemiddelde stroom-
 snelheid in de vertikaal

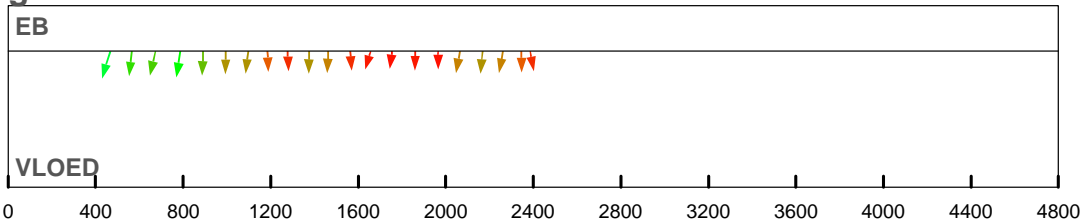
afstand uit nulpunt : 459 m
 stroomsnelheid : 43 cm/sec
 stroomrichting : 106°

doorstroomoppervlak : -31206 m²
 raaidebiet : -9443 m³/sec

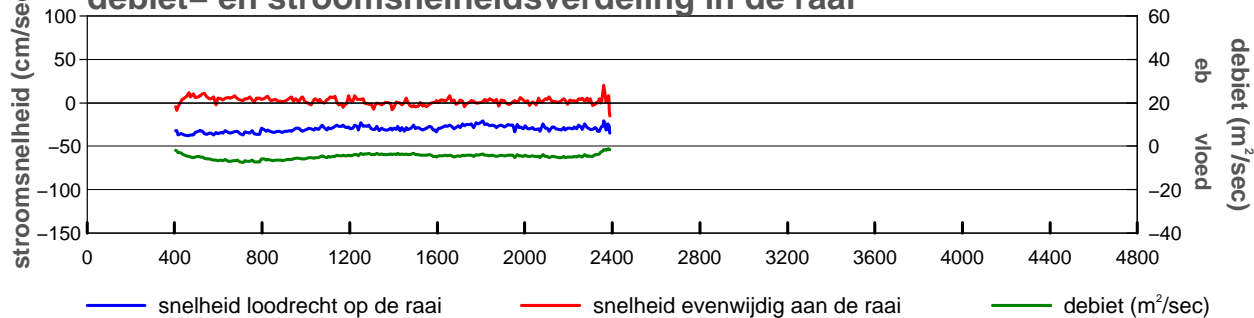
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



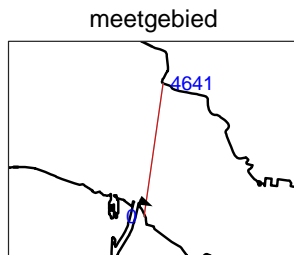
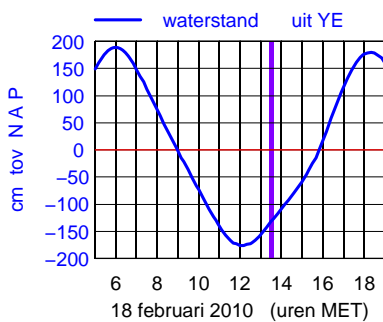
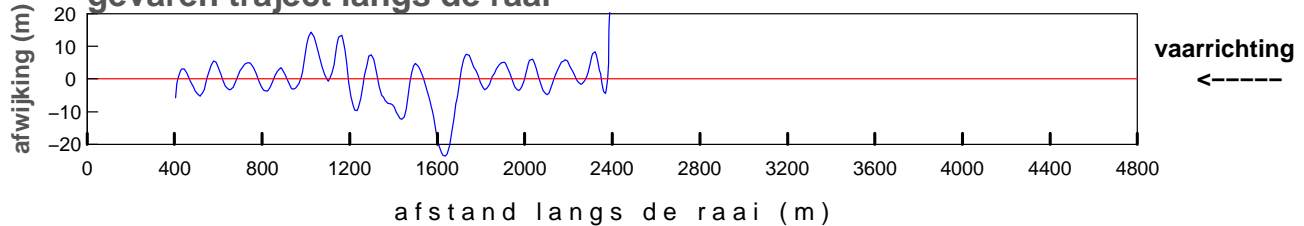
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

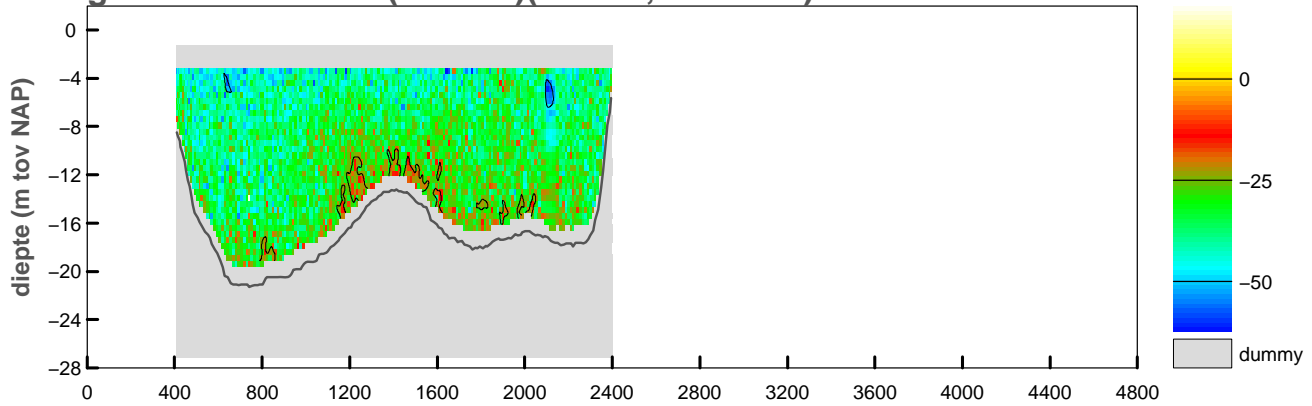


maximum gemiddelde stroom-
 snelheid in de vertikaal

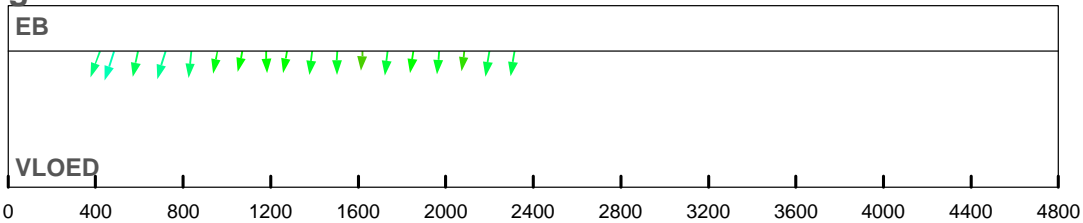
afstand uit nulpunt : 467 m
 stroomsnelheid : 39 cm/sec
 stroomrichting : 115°

doorstroomoppervlak : -31134 m²
 raaidebiet : -9368 m³/sec

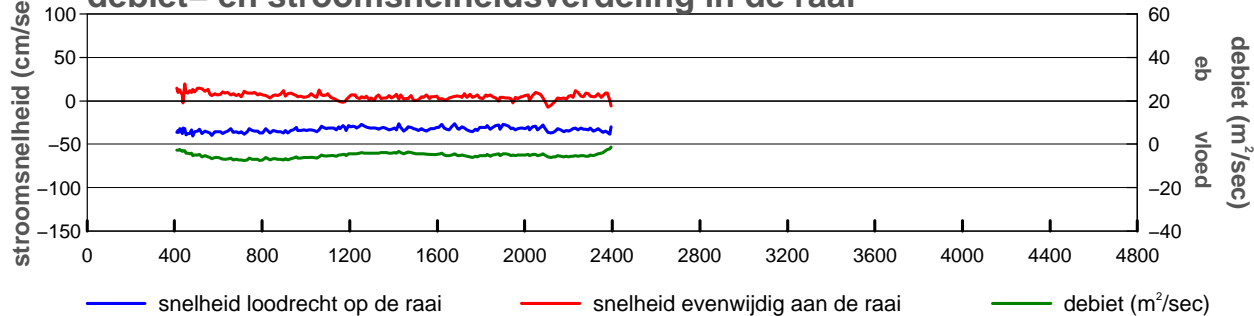
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



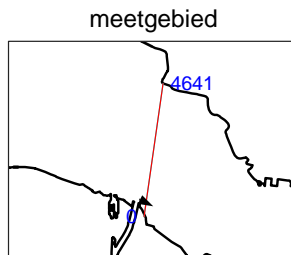
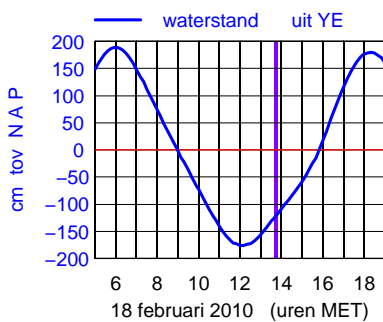
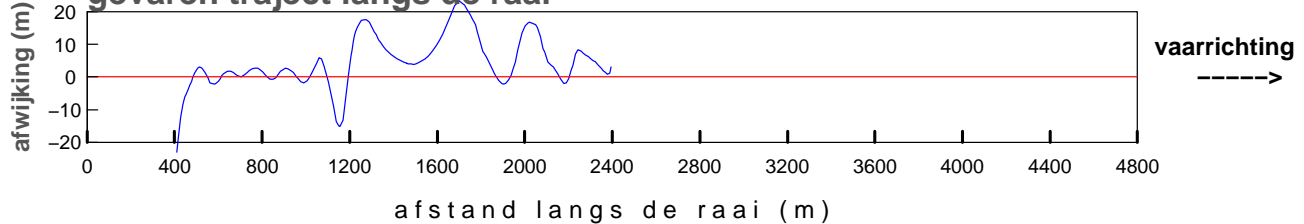
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

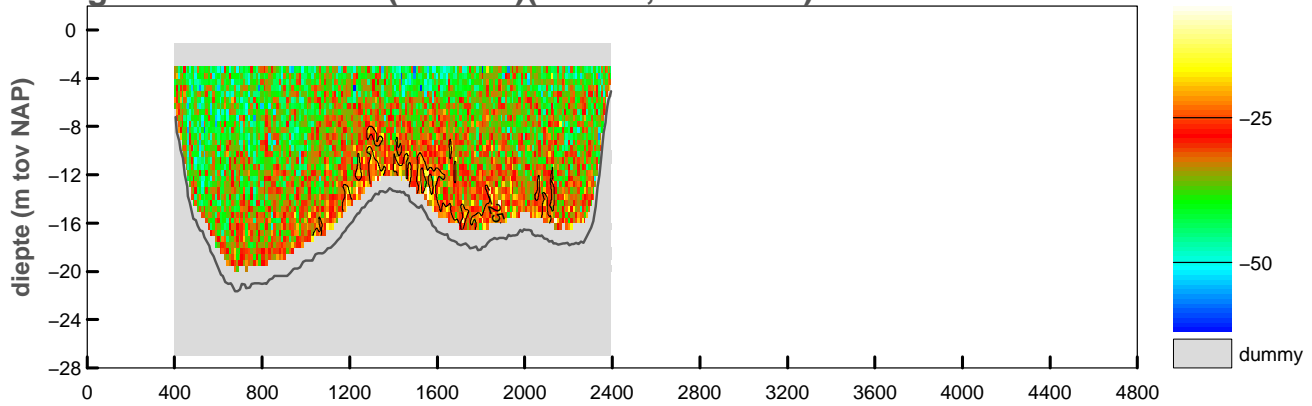


maximum gemiddelde stroom-
 snelheid in de vertikaal

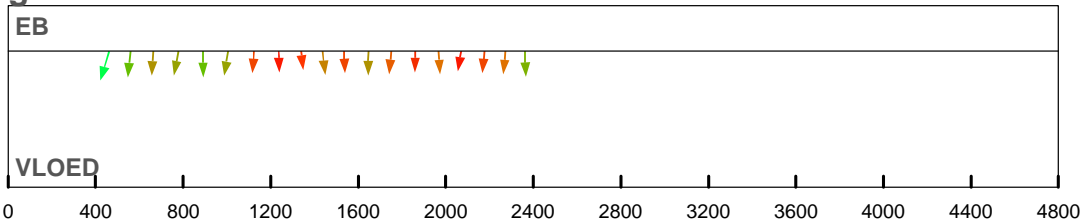
afstand uit nulpunt : 484 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 116°

doorstroomoppervlak : -31282 m²
 raaidebiet : -10314 m³/sec

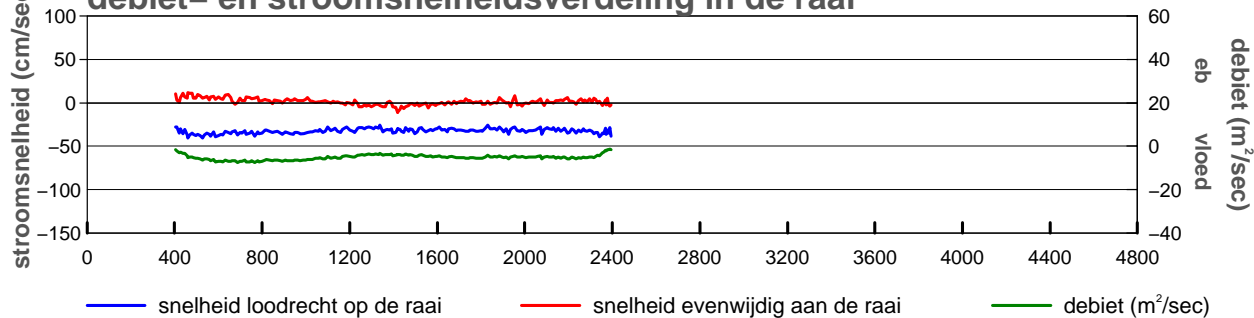
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



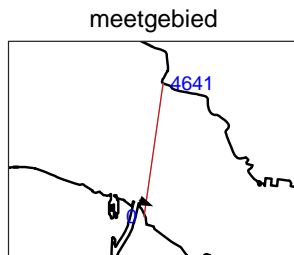
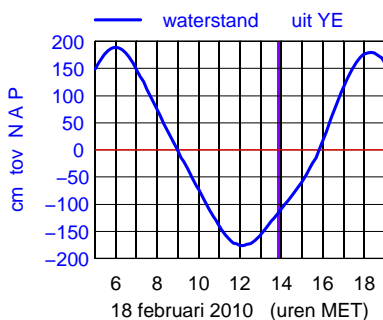
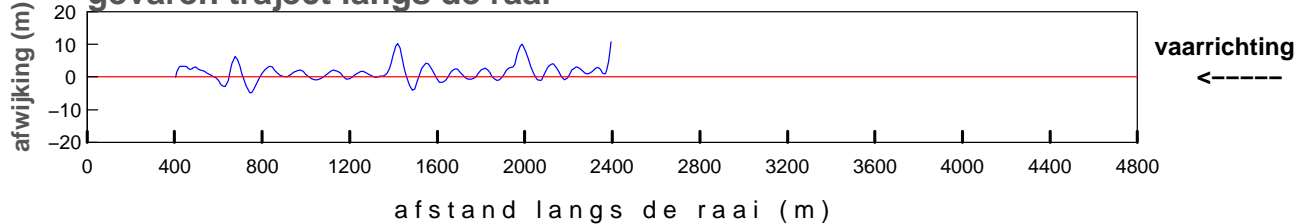
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

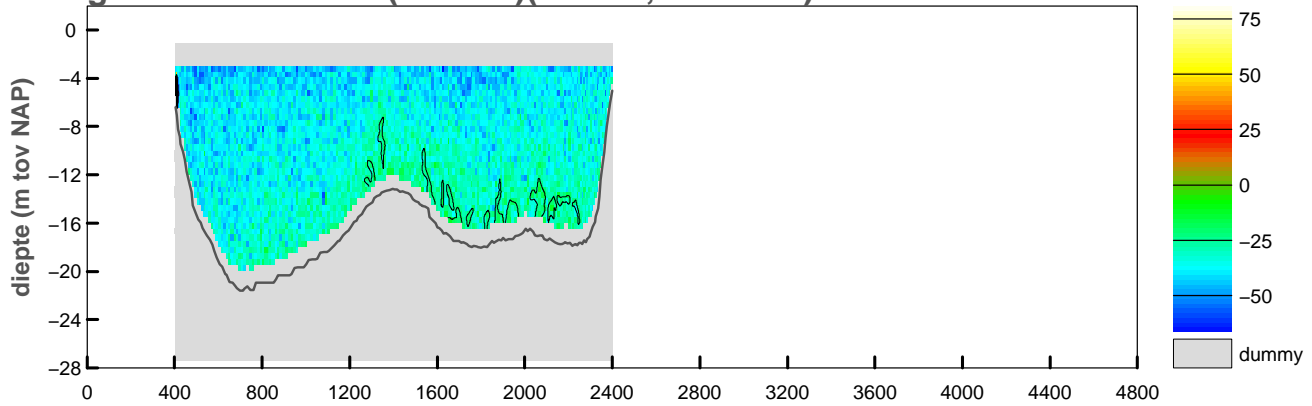


maximum gemiddelde stroom-
 snelheid in de vertikaal

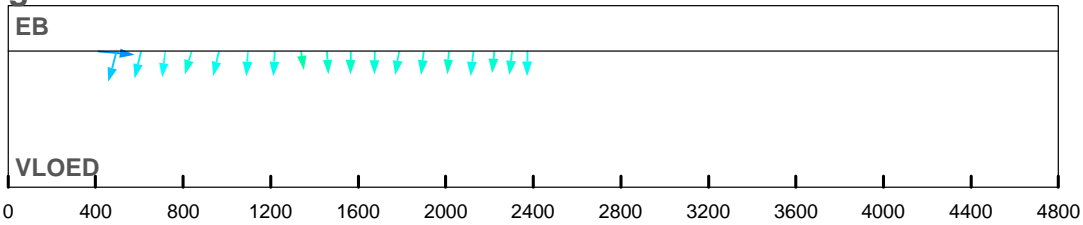
afstand uit nulpunt : 461 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 114°

doorstroomoppervlak : -31483 m²
 raaidebiet : -10231 m³/sec

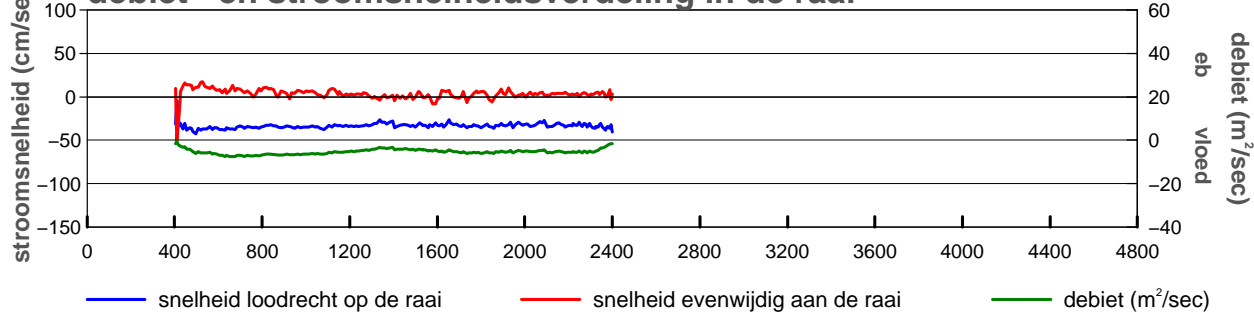
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



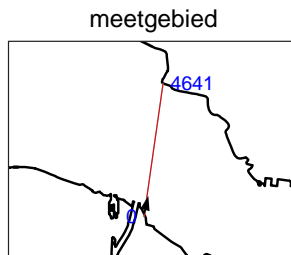
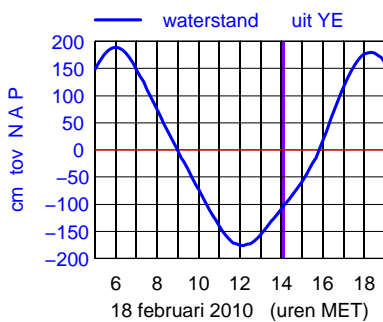
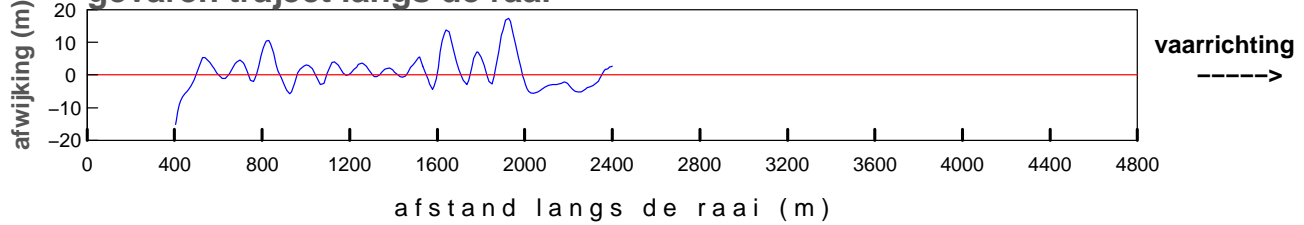
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

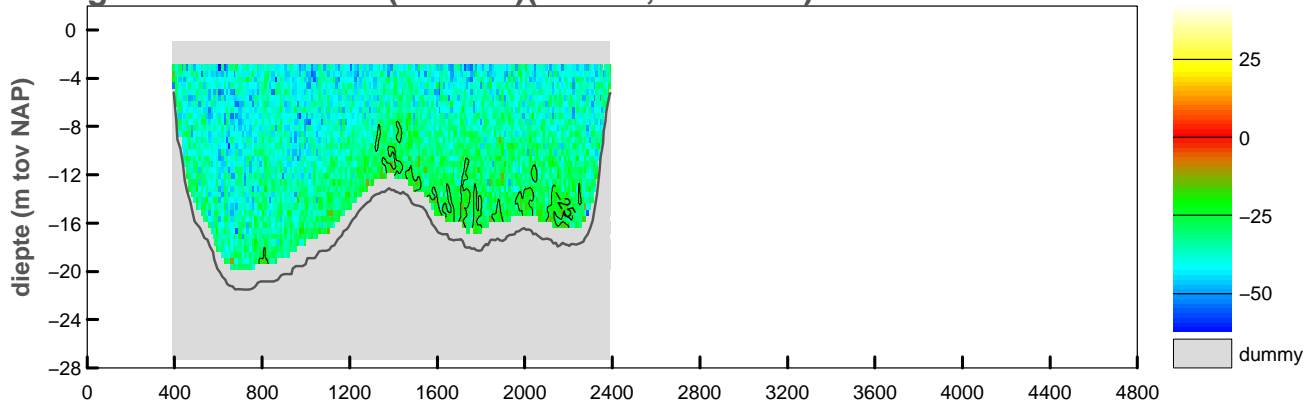


maximum gemiddelde stroom-
 snelheid in de vertikaal

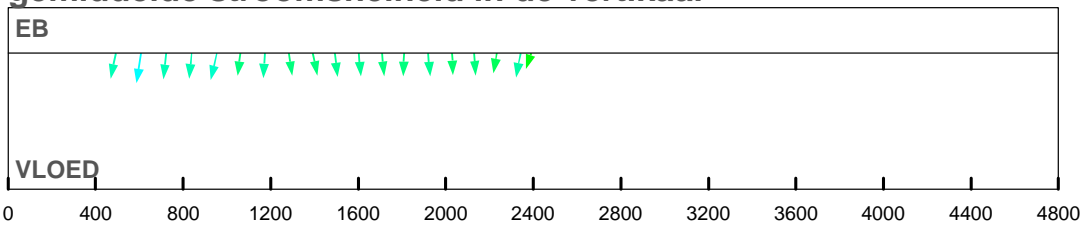
afstand uit nulpunt : 411 m
 stroomsnelheid : 50 cm/sec
 stroomrichting : 13°

doorstroomoppervlak : -31647 m²
 raaidebiet : -10634 m³/sec

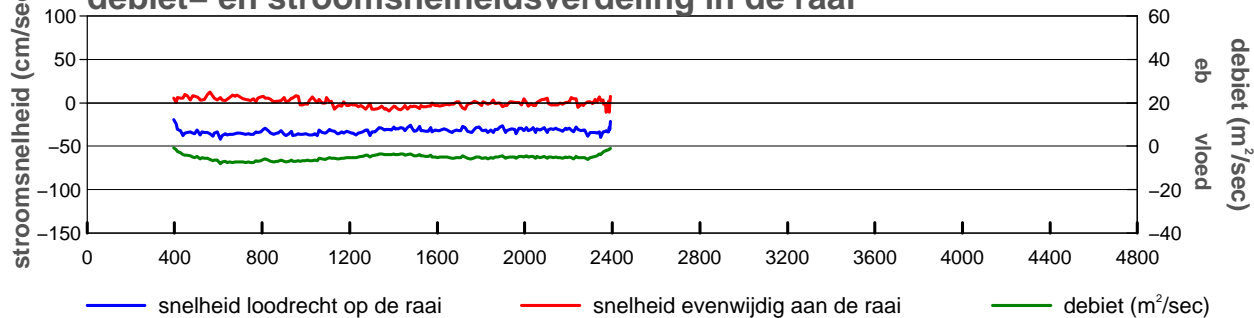
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



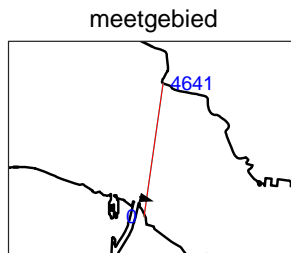
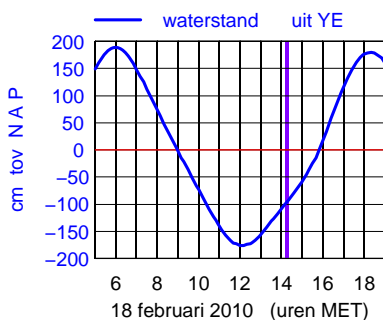
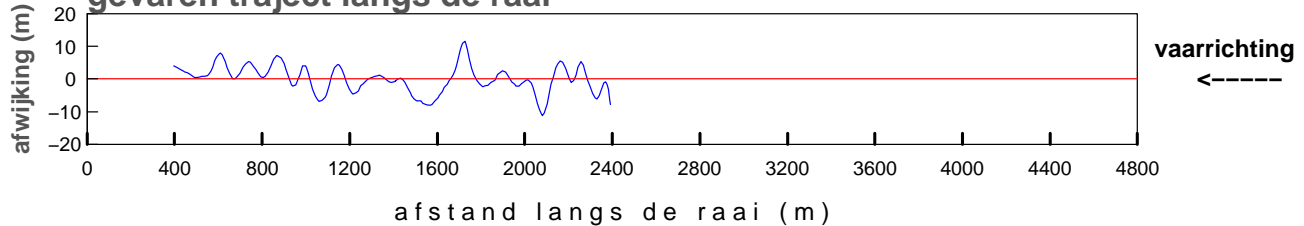
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

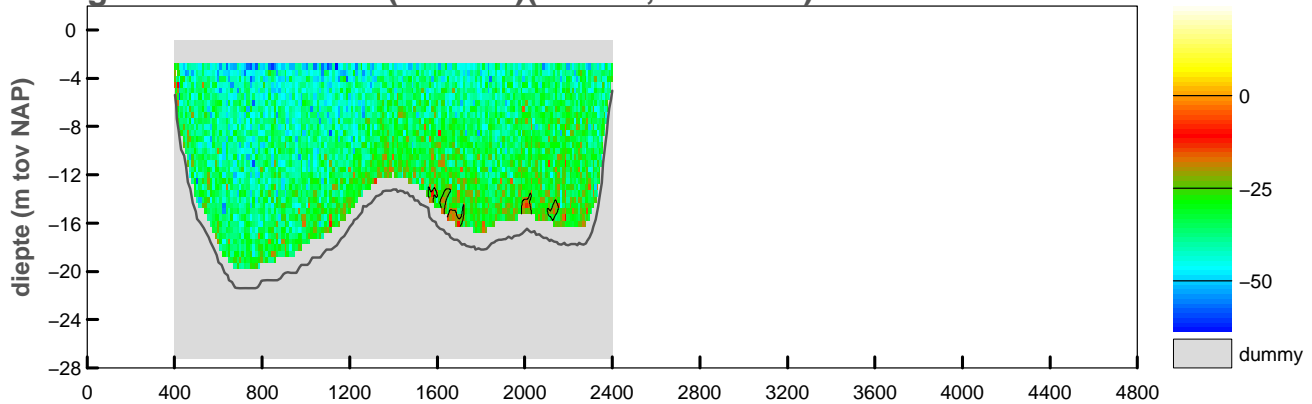


maximum gemiddelde stroom-
 snelheid in de vertikaal

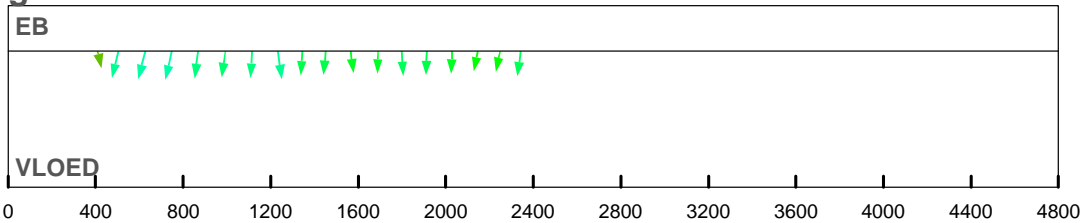
afstand uit nulpunt : 608 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 106°

doorstroomoppervlak : -31868 m²
 raaidebiet : -10490 m³/sec

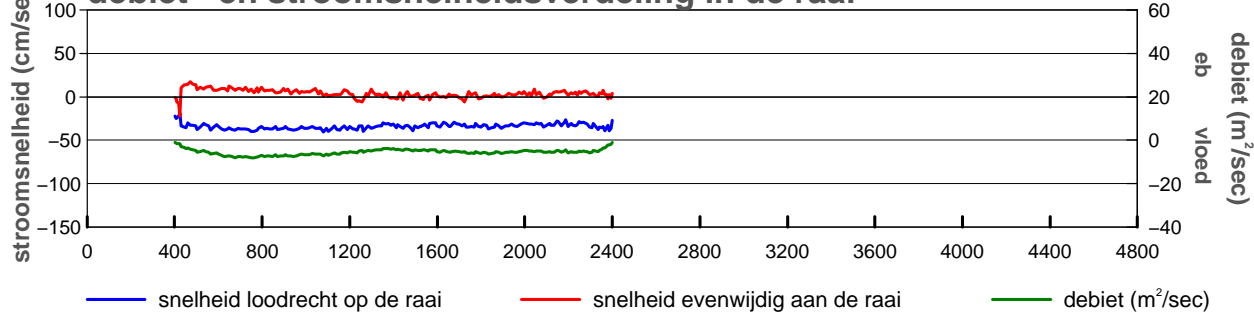
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



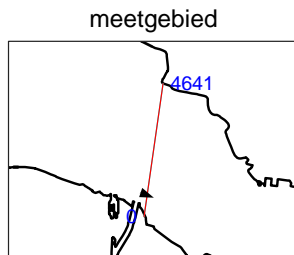
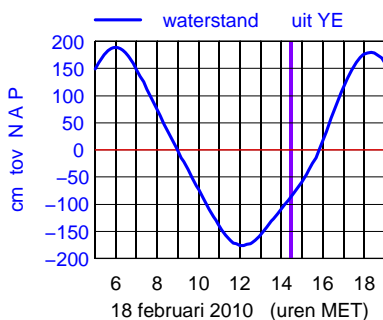
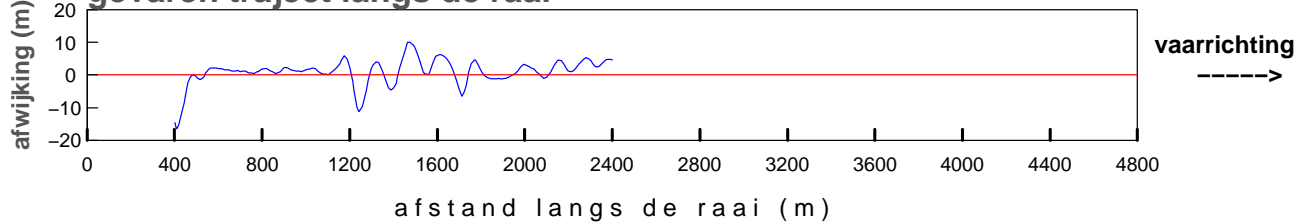
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

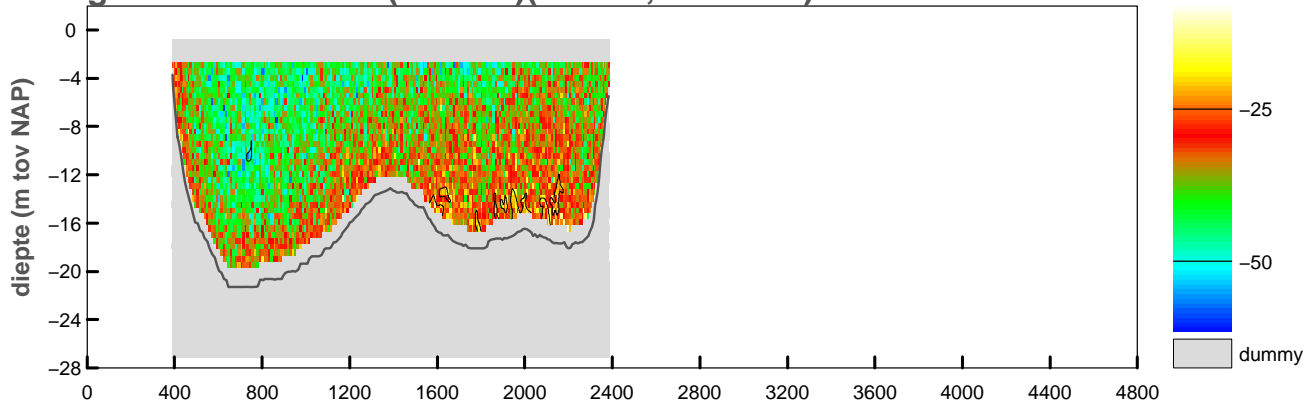


maximum gemiddelde stroom-
 snelheid in de vertikaal

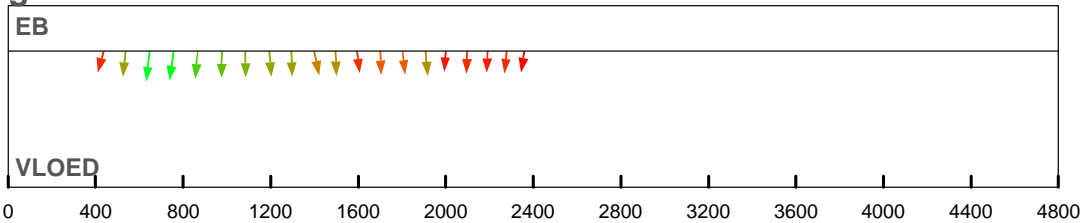
afstand uit nulpunt : 748 m
 stroomsnelheid : 41 cm/sec
 stroomrichting : 111°

doorstroomoppervlak : -32063 m²
 raaidebiet : -10985 m³/sec

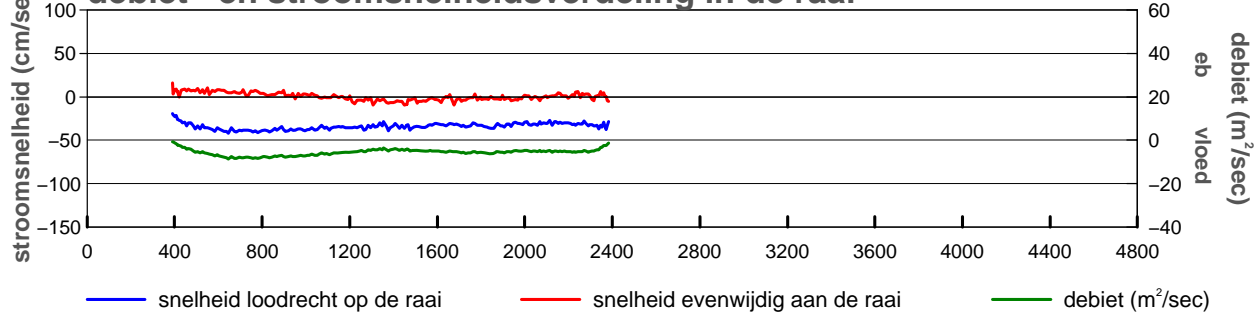
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



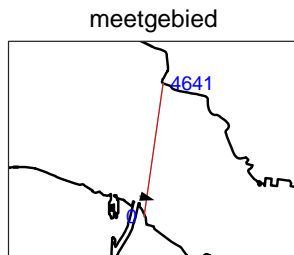
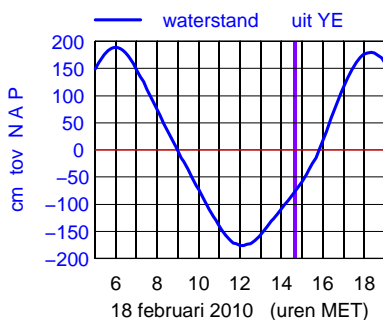
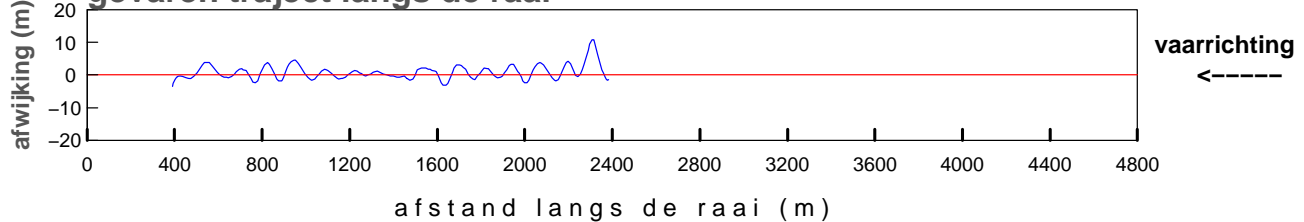
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

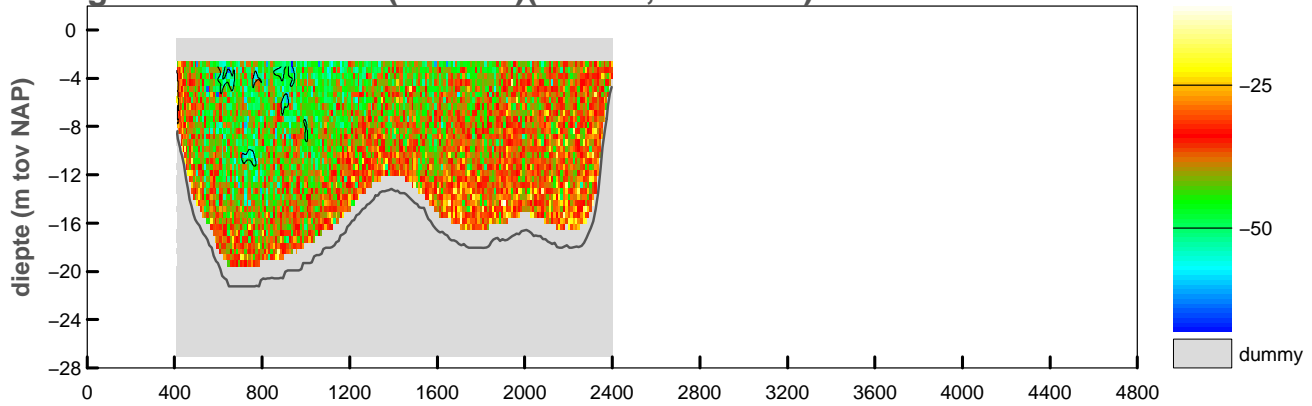


maximum gemiddelde stroom-
 snelheid in de vertikaal

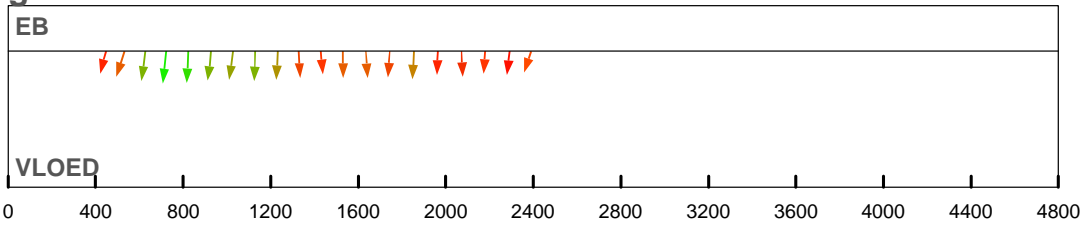
afstand uit nulpunt : 646 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -32238 m²
 raaidebiet : -11116 m³/sec

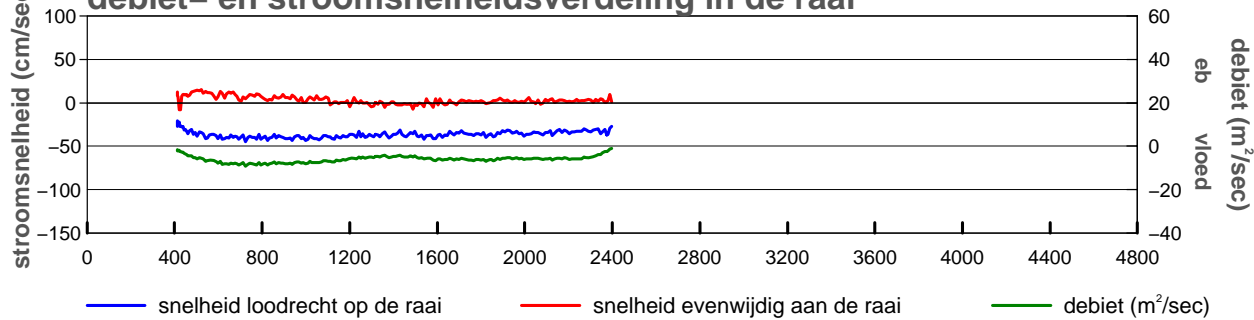
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



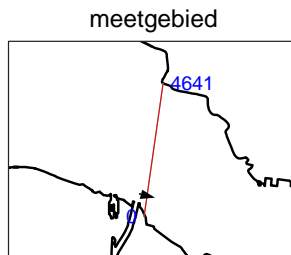
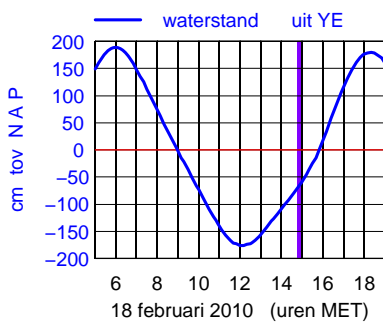
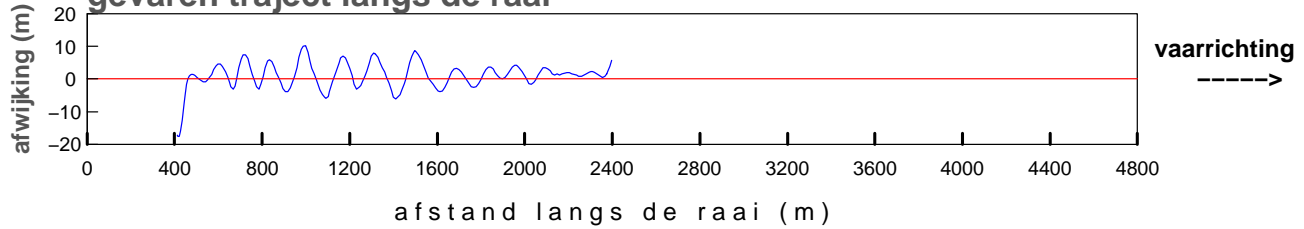
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

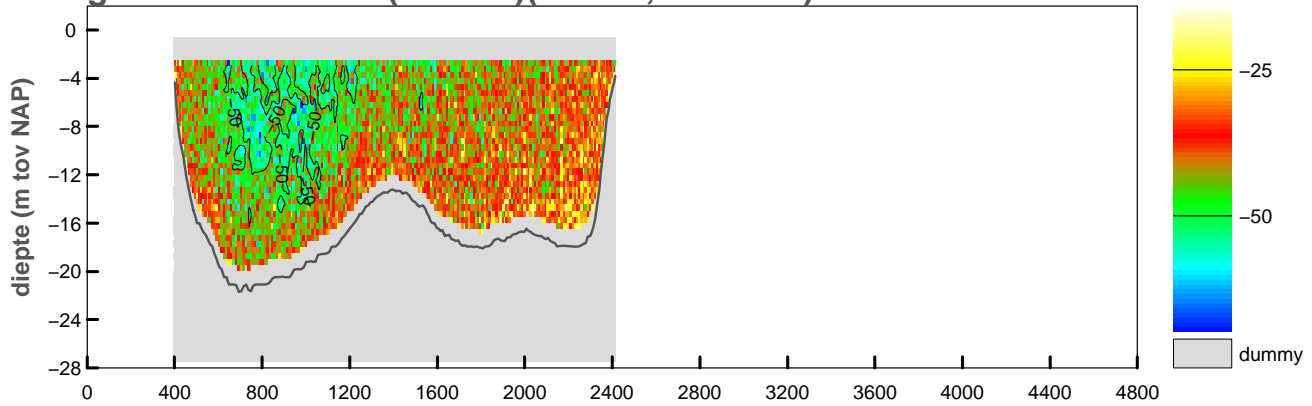


maximum gemiddelde stroom-
 snelheid in de vertikaal

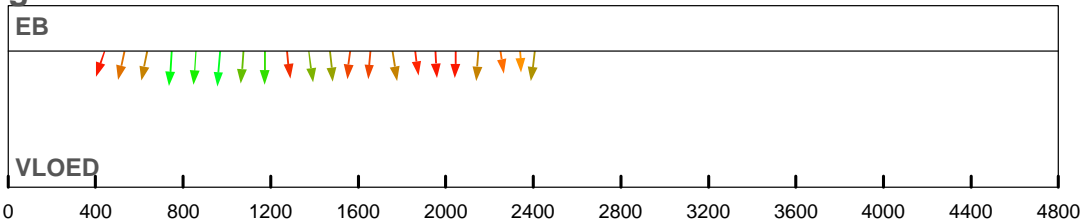
afstand uit nulpunt : 723 m
 stroomsnelheid : 45 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -32419 m²
 raaidebiet : -11963 m³/sec

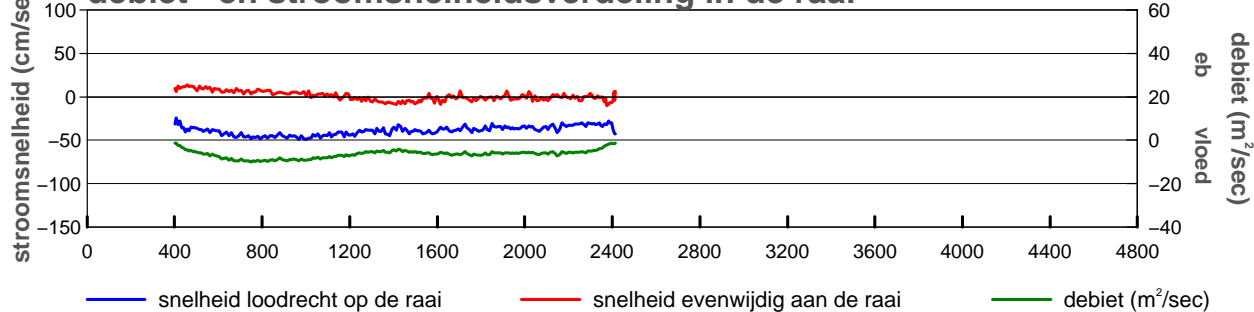
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



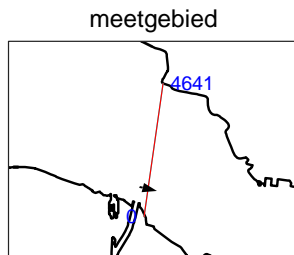
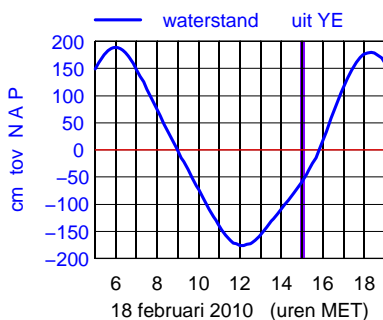
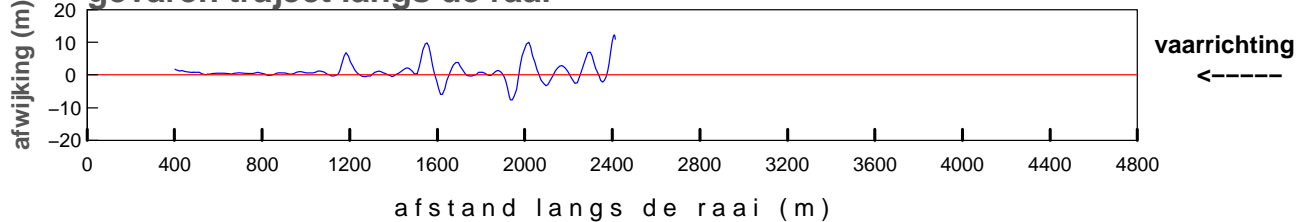
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

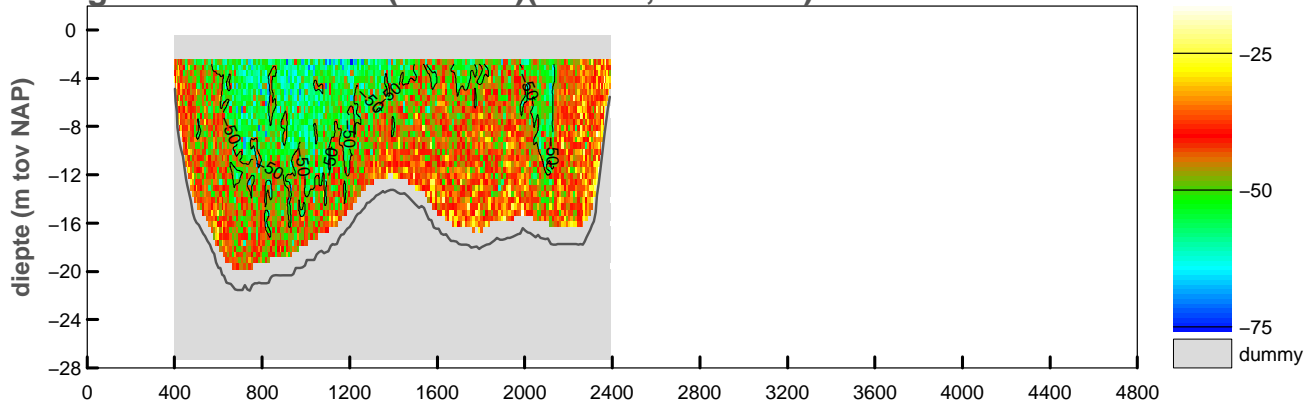


maximum gemiddelde stroom-
 snelheid in de vertikaal

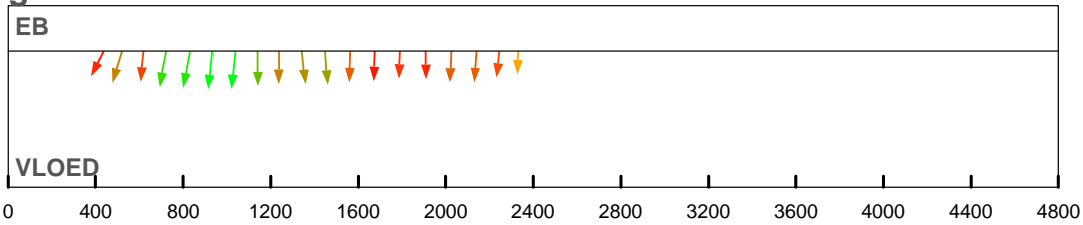
afstand uit nulpunt : 969 m
 stroomsnelheid : 49 cm/sec
 stroomrichting : 103°

doorstroomoppervlak : -32810 m²
 raaidebiet : -12960 m³/sec

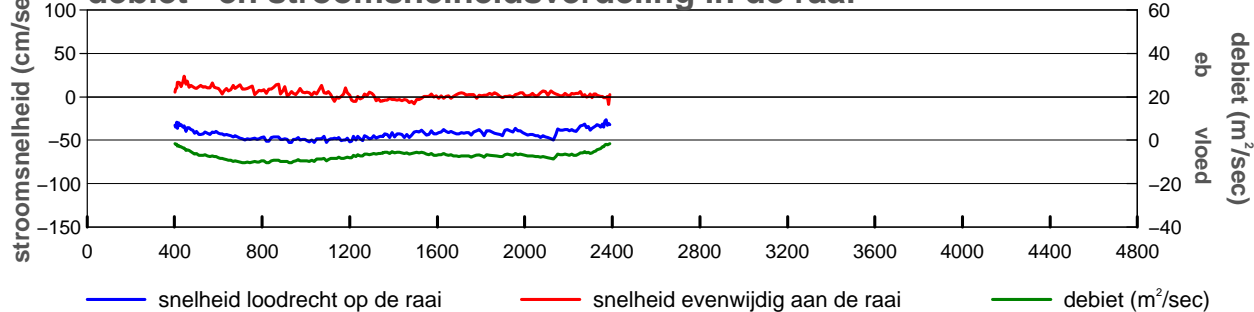
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



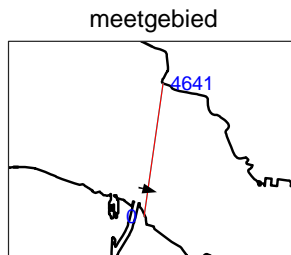
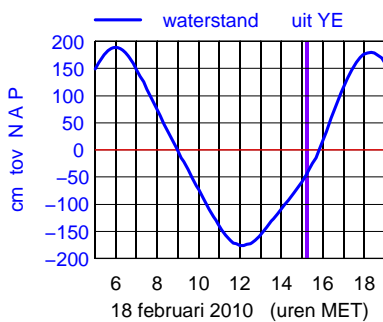
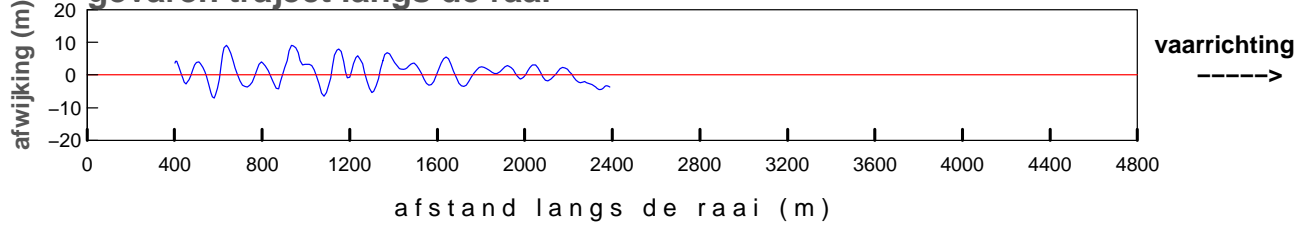
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

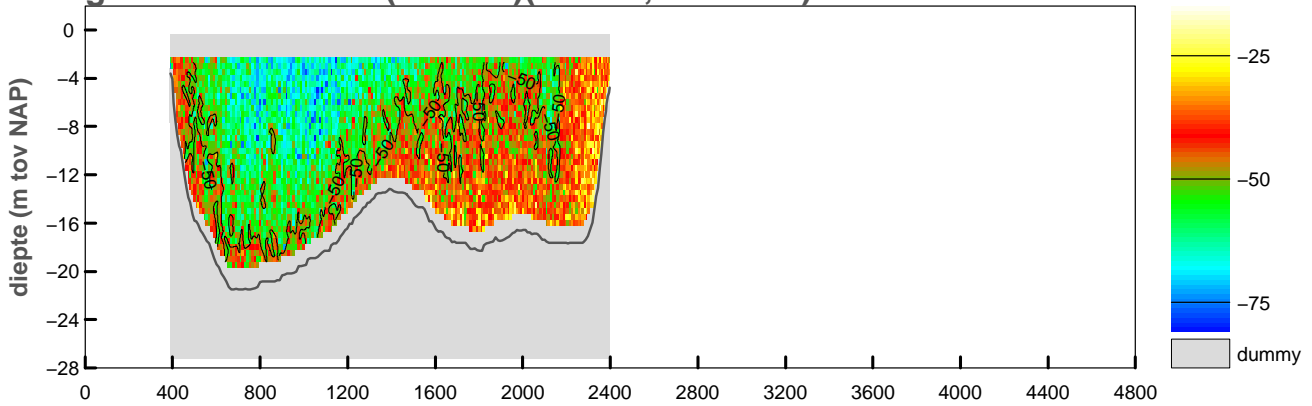


maximum gemiddelde stroom-
 snelheid in de vertikaal

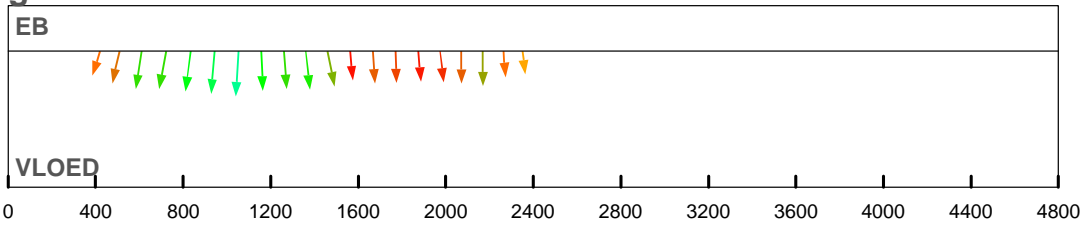
afstand uit nulpunt : 933 m
 stroomsnelheid : 53 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -32907 m²
 raaidebiet : -14361 m³/sec

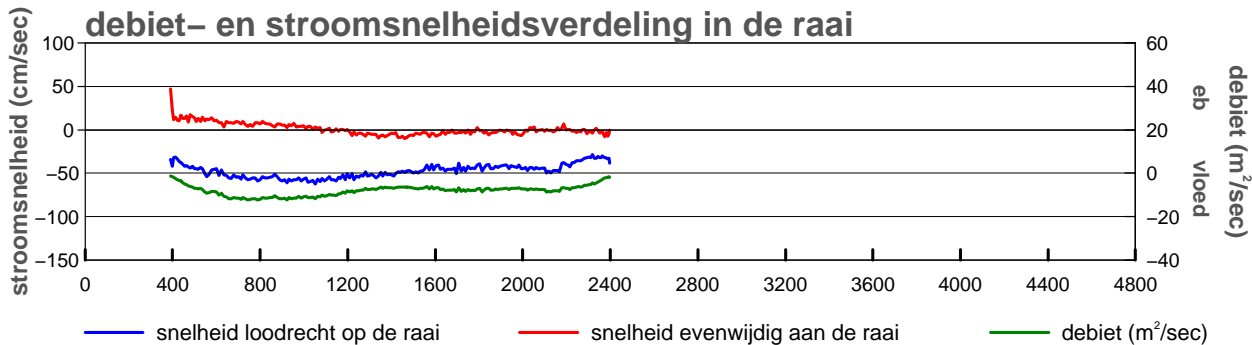
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



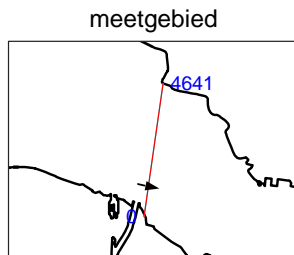
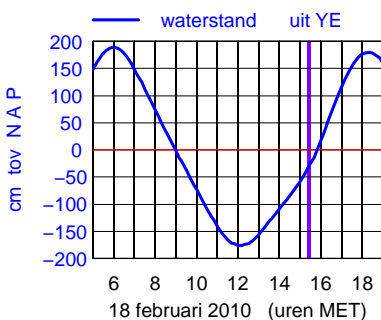
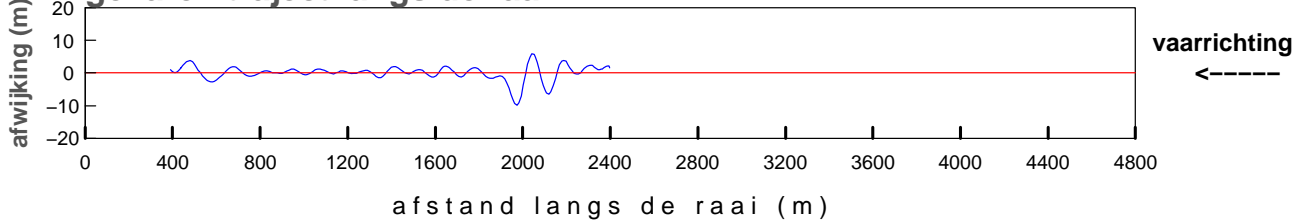
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

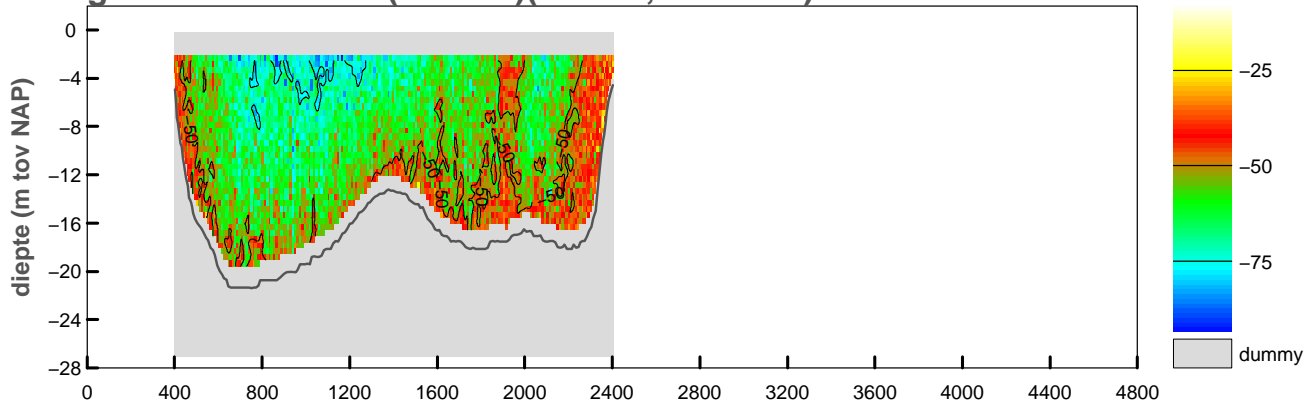


maximum gemiddelde stroom-
 snelheid in de vertikaal

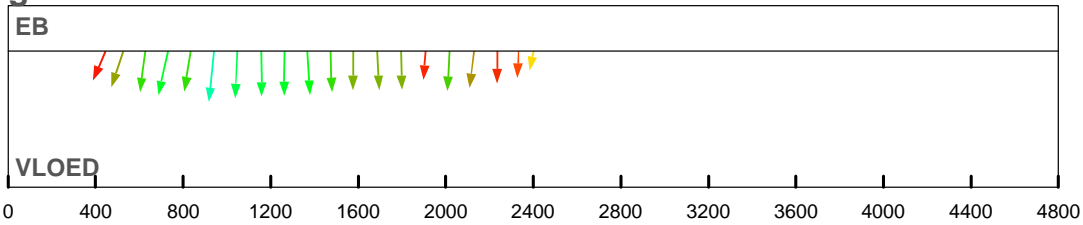
afstand uit nulpunt : 1052 m
 stroomsnelheid : 63 cm/sec
 stroomrichting : 101°

doorstroomoppervlak : -33273 m²
 raaidebiet : -16089 m³/sec

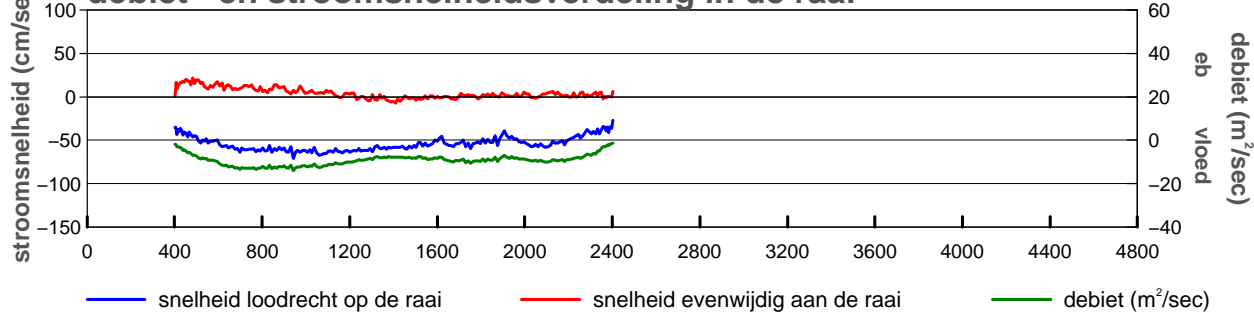
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



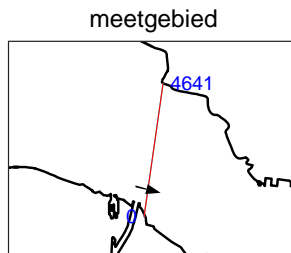
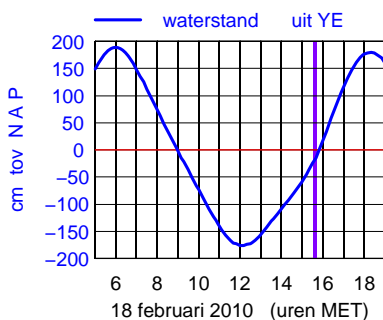
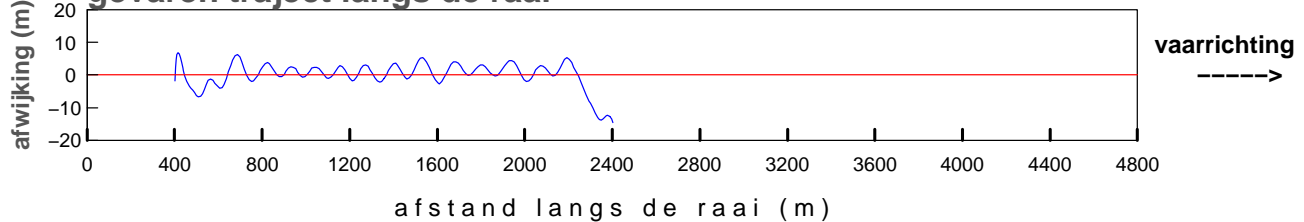
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

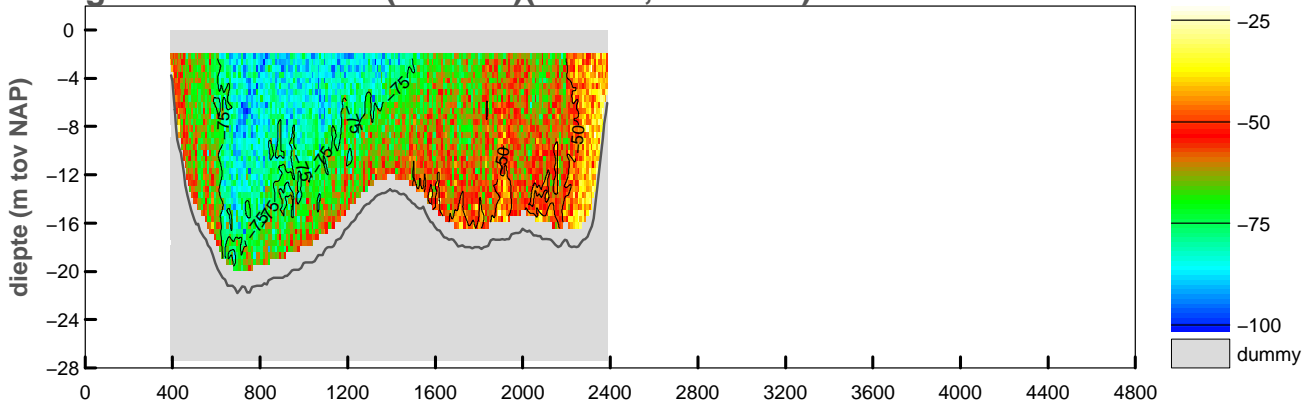


maximum gemiddelde stroom-
 snelheid in de vertikaal

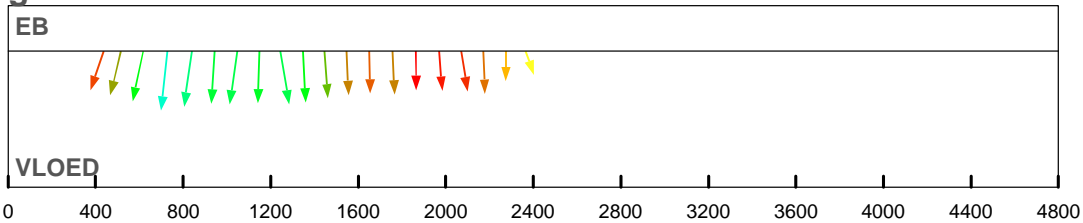
afstand uit nulpunt : 941 m
 stroomsnelheid : 71 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -33527 m²
 raaidebiet : -18512 m³/sec

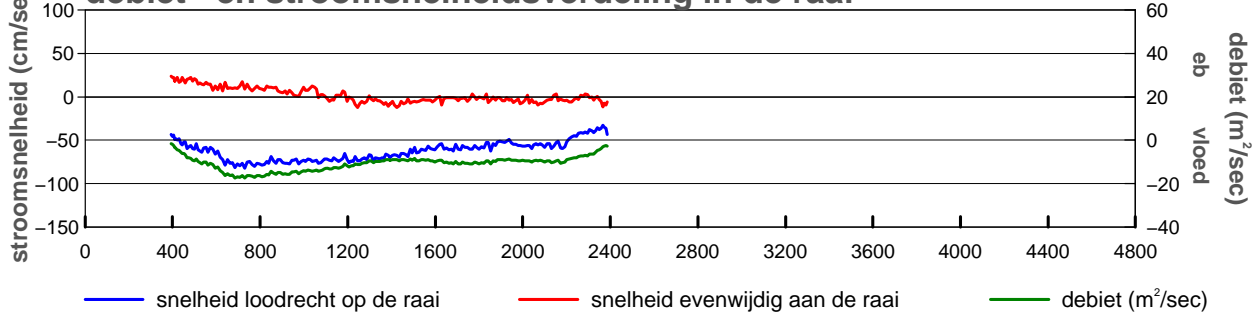
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



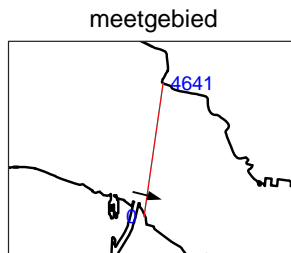
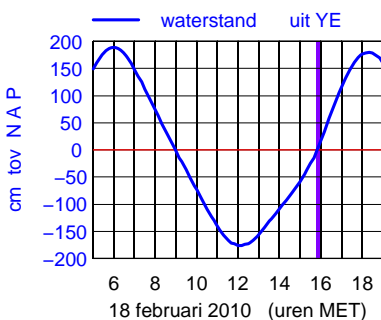
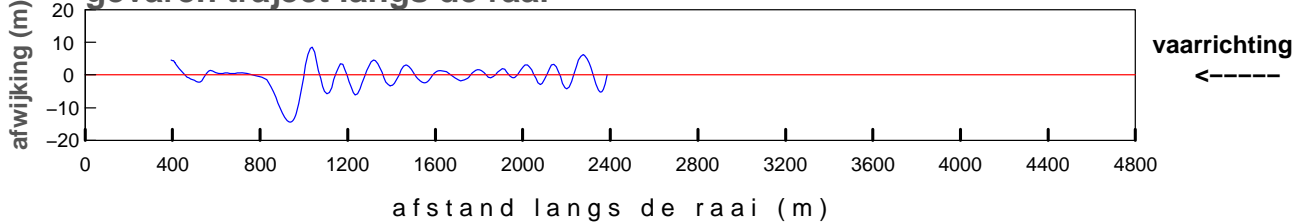
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

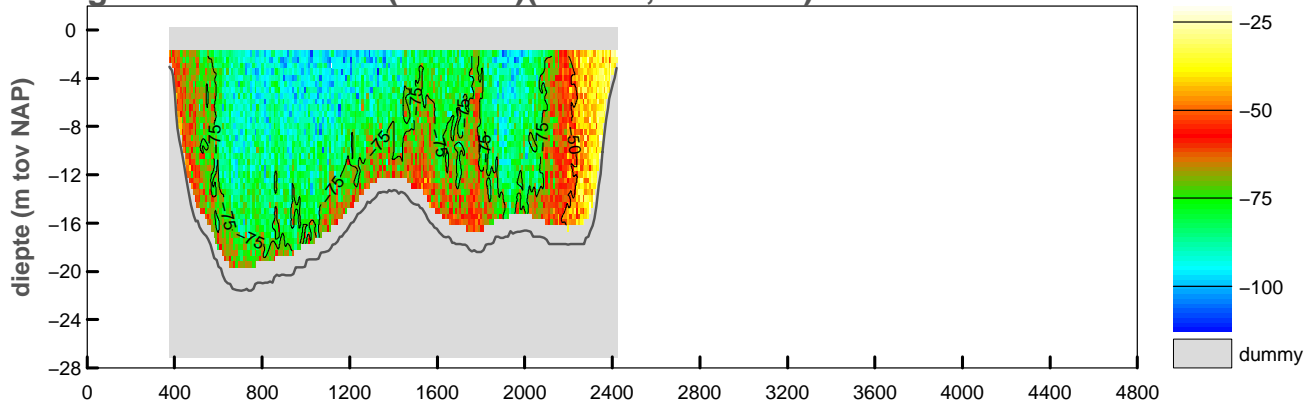


maximum gemiddelde stroom-
 snelheid in de vertikaal

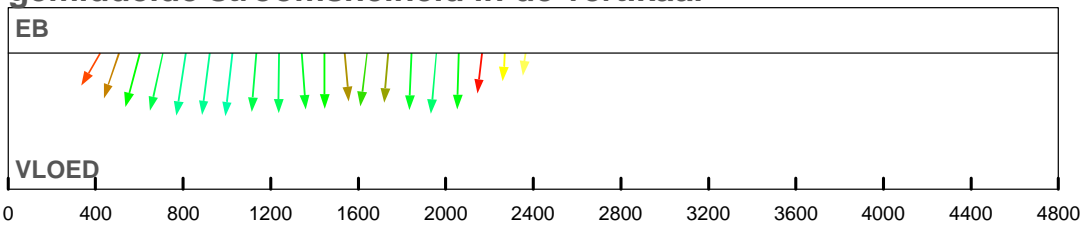
afstand uit nulpunt : 729 m
 stroomsnelheid : 83 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -33863 m²
 raaidebiet : -21509 m³/sec

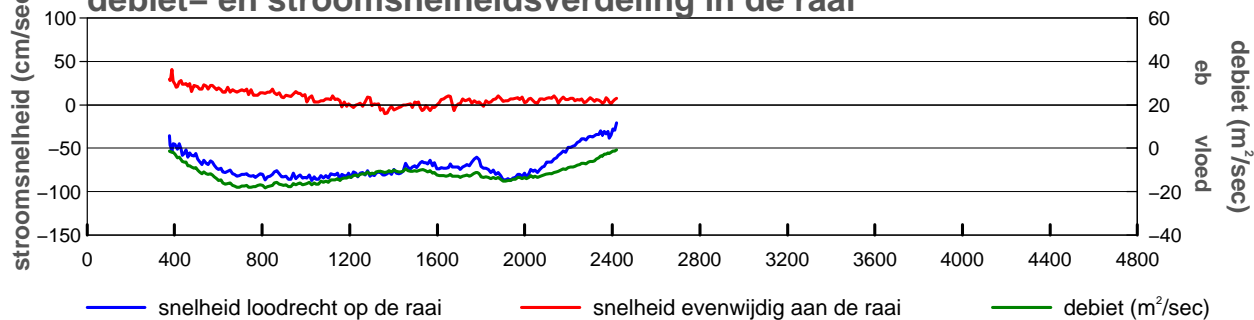
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



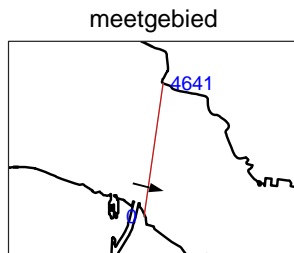
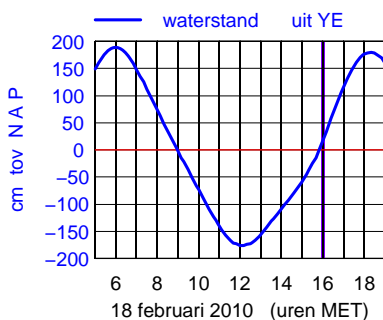
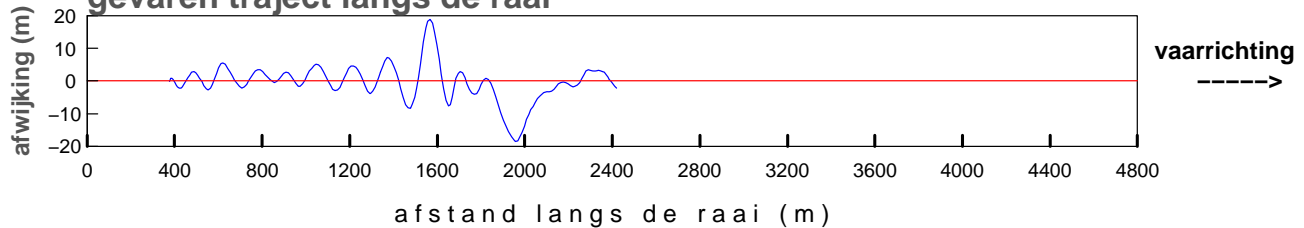
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

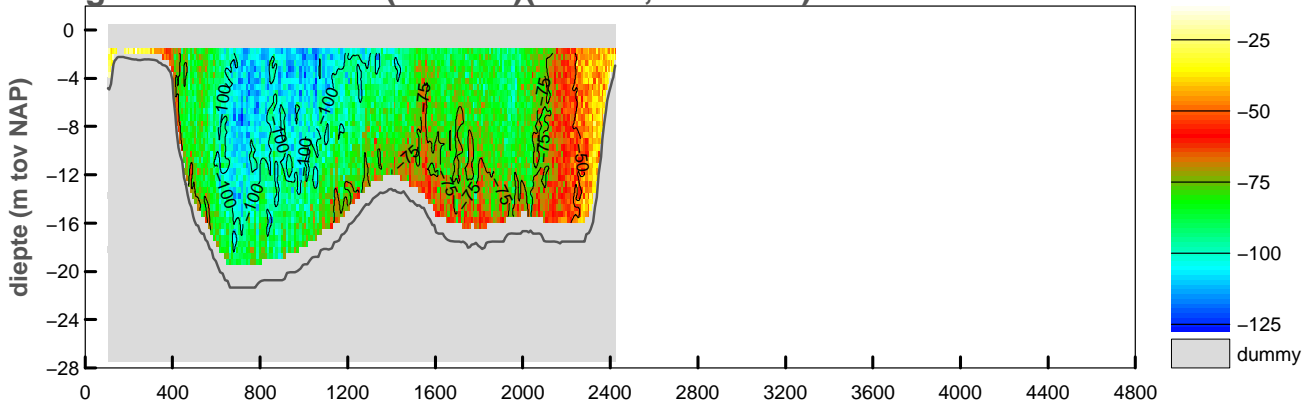


maximum gemiddelde stroom-
 snelheid in de vertikaal

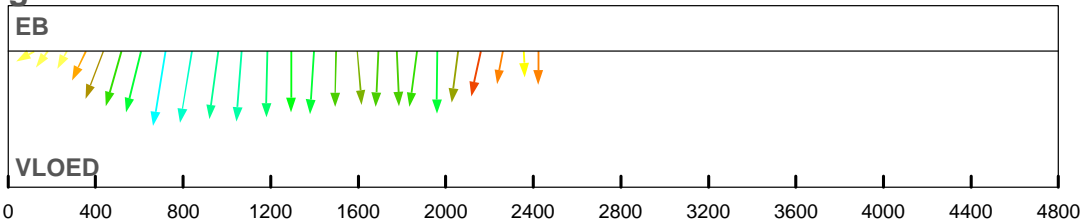
afstand uit nulpunt : 1026 m
 stroomsnelheid : 88 cm/sec
 stroomrichting : 105°

doorstroomoppervlak : -34505 m²
 raaidebiet : -24866 m³/sec

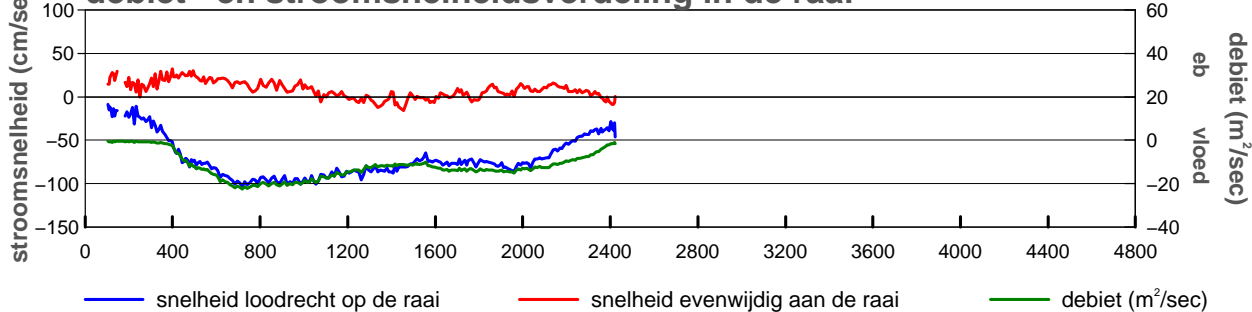
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



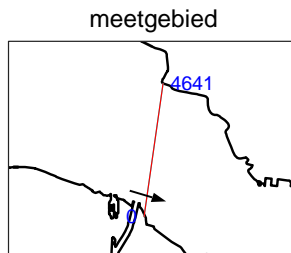
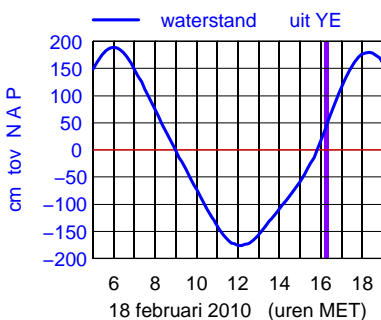
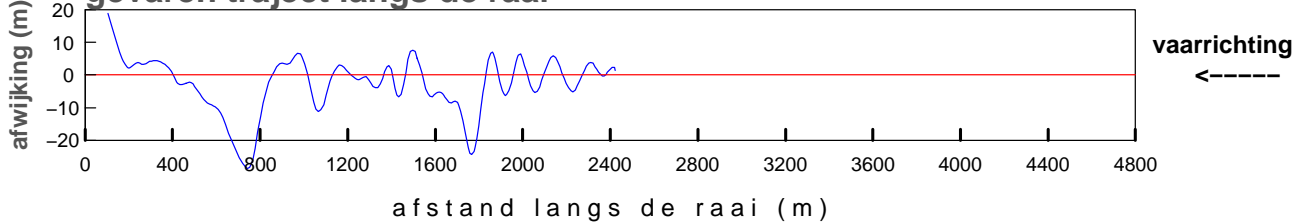
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

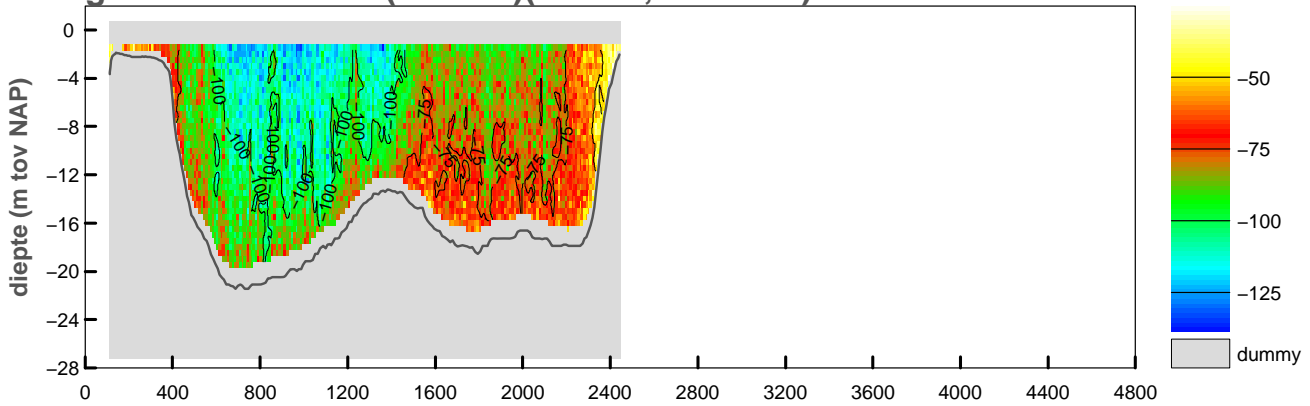


maximum gemiddelde stroom-
 snelheid in de vertikaal

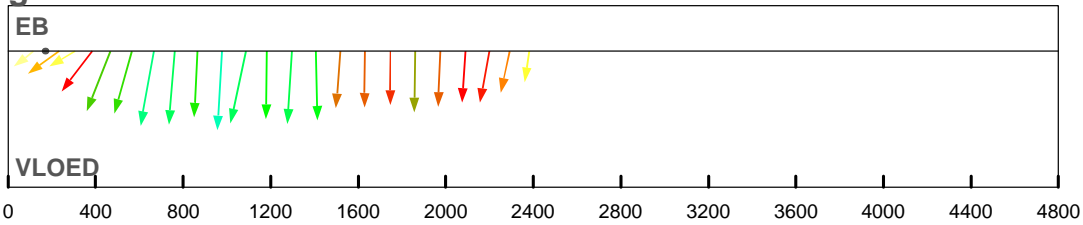
afstand uit nulpunt : 718 m
 stroomsnelheid : 105 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -35756 m²
 raaidebiet : -28081 m³/sec

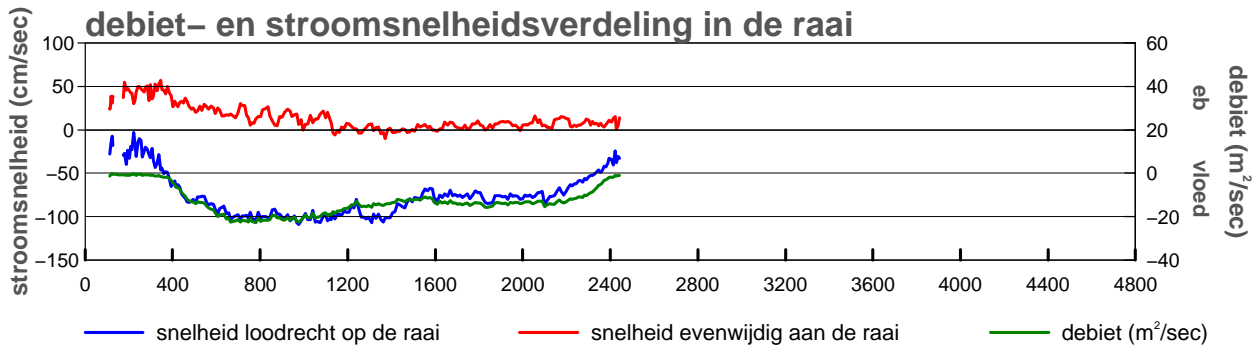
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



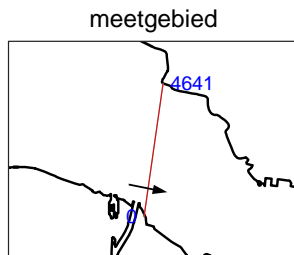
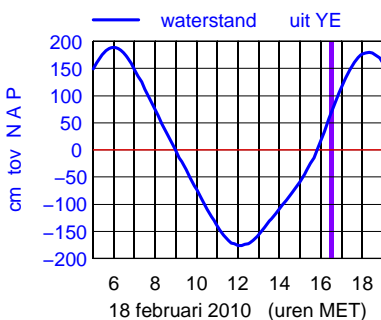
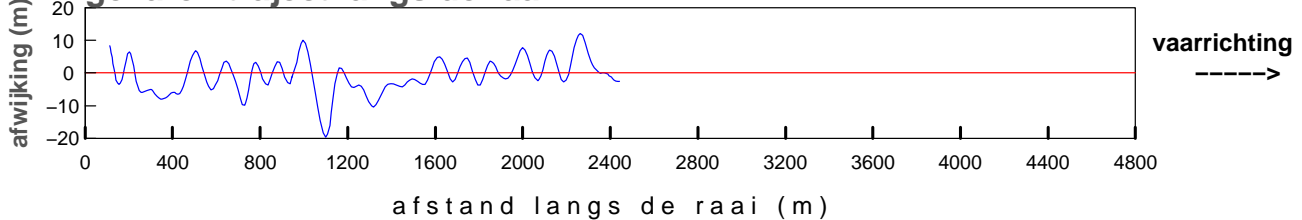
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

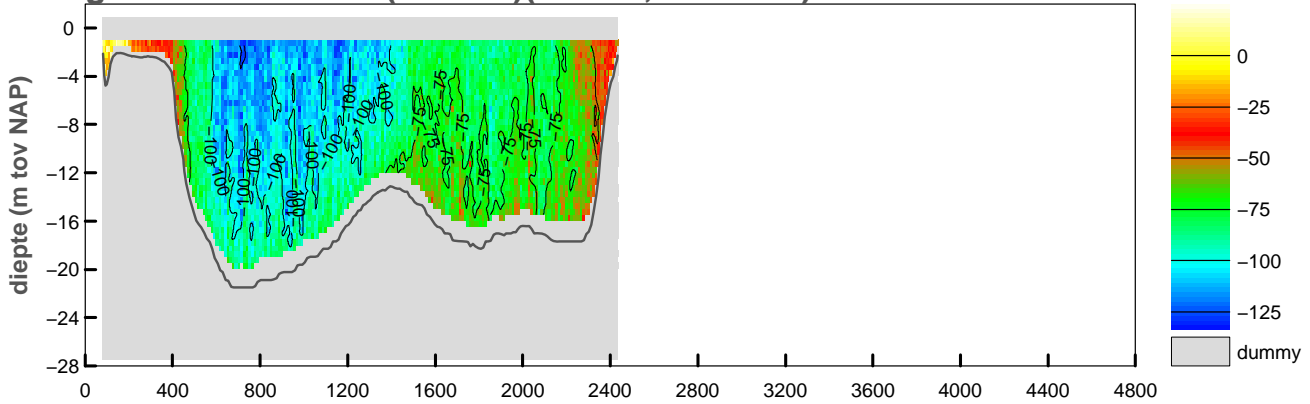


maximum gemiddelde stroom-
 snelheid in de vertikaal

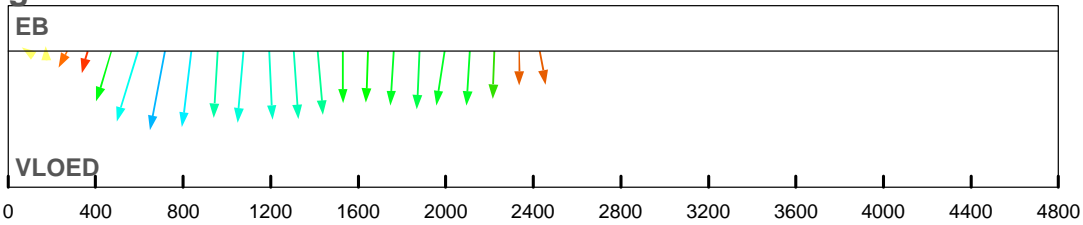
afstand uit nulpunt : 976 m
 stroomsnelheid : 109 cm/sec
 stroomrichting : 101°

doorstroomoppervlak : -36336 m²
 raaidebiet : -30313 m³/sec

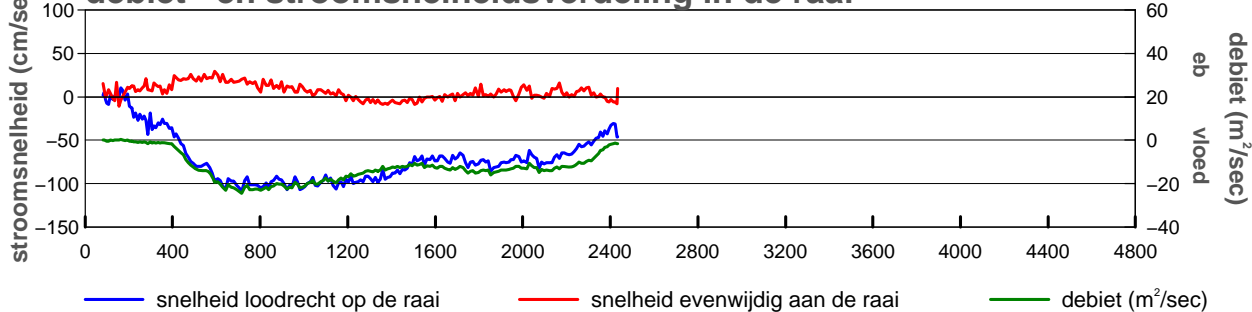
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



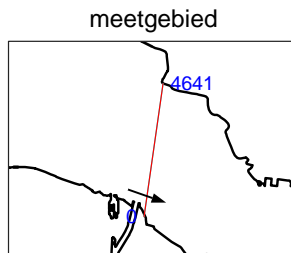
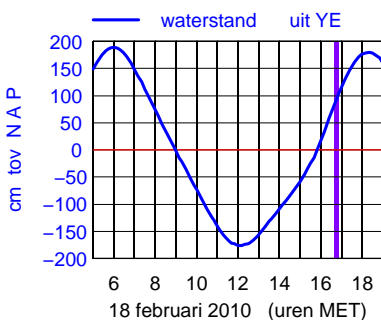
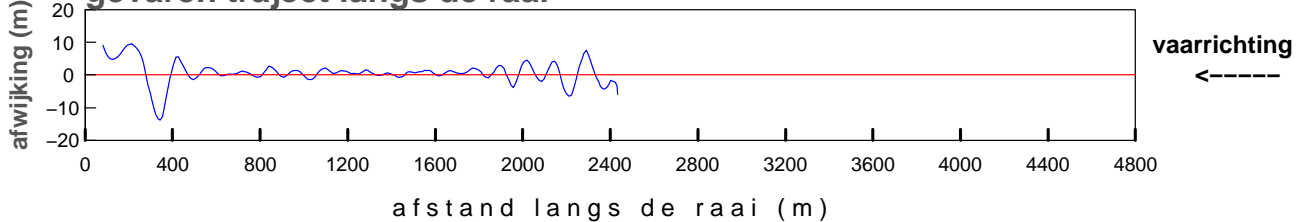
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

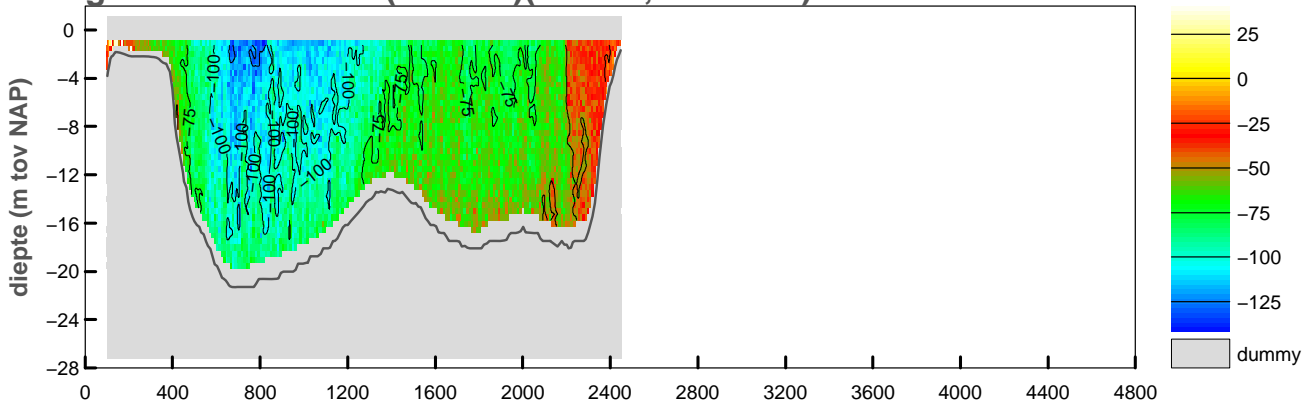


maximum gemiddelde stroom-
 snelheid in de vertikaal

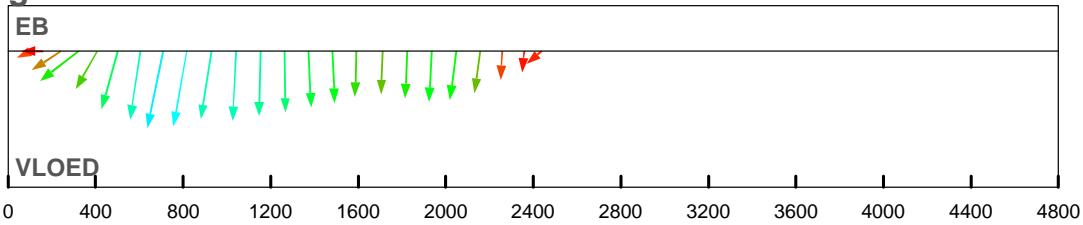
afstand uit nulpunt : 716 m
 stroomsnelheid : 111 cm/sec
 stroomrichting : 109°

doorstroomoppervlak : -36888 m²
 raaidebiet : -29844 m³/sec

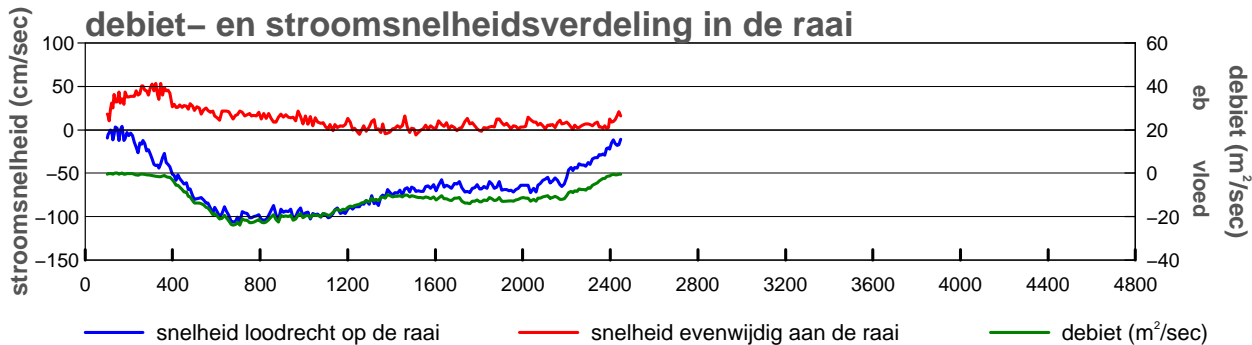
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



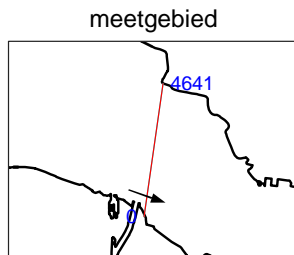
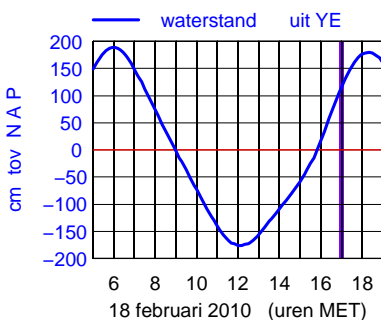
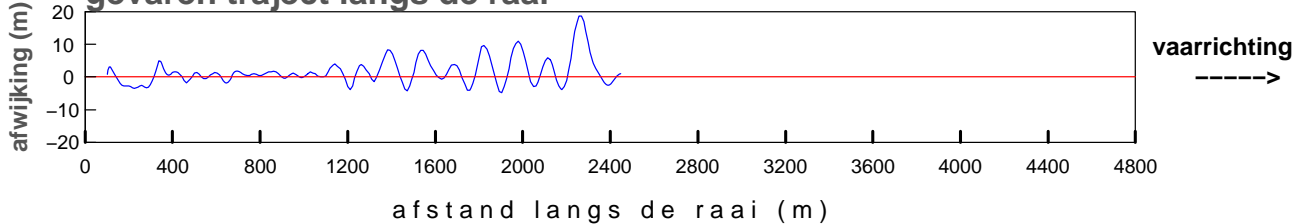
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

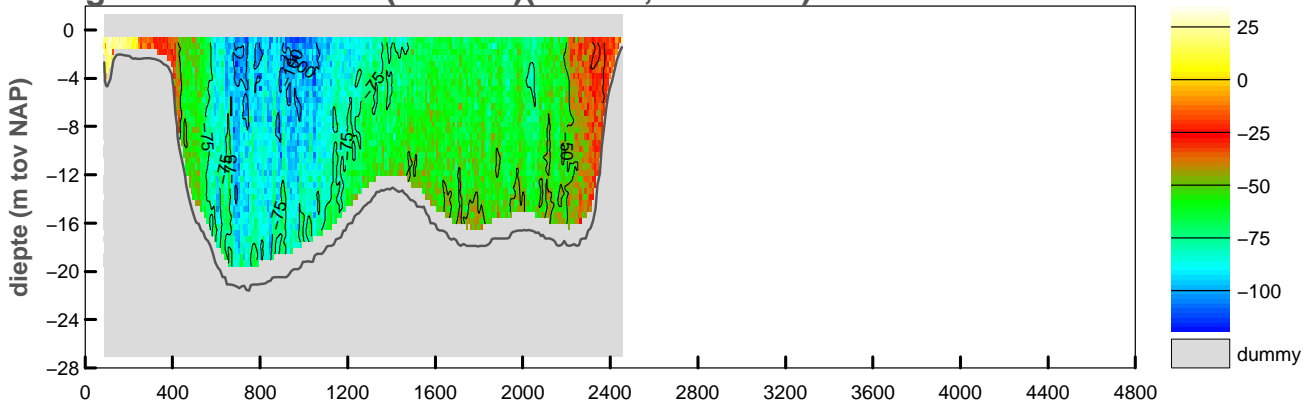


maximum gemiddelde stroom-
 snelheid in de vertikaal

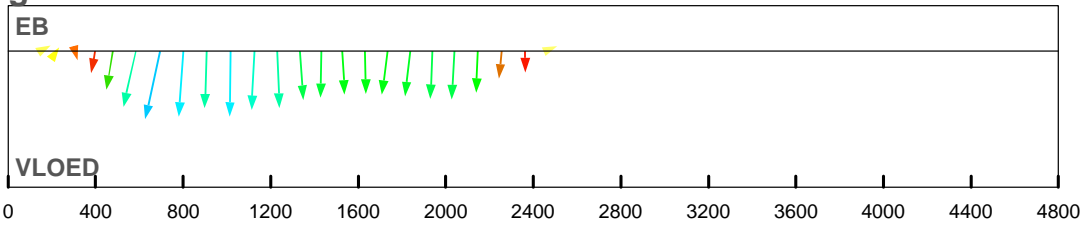
afstand uit nulpunt : 707 m
 stroomsnelheid : 108 cm/sec
 stroomrichting : 109°

doorstroomoppervlak : -37283 m²
 raaidebiet : -27929 m³/sec

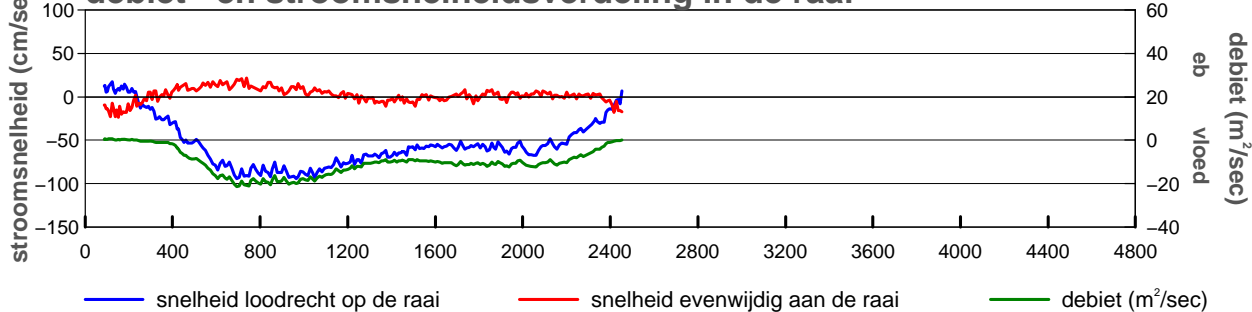
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



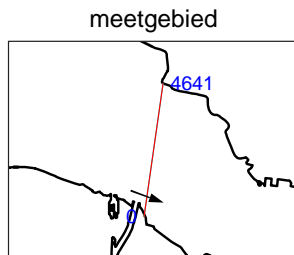
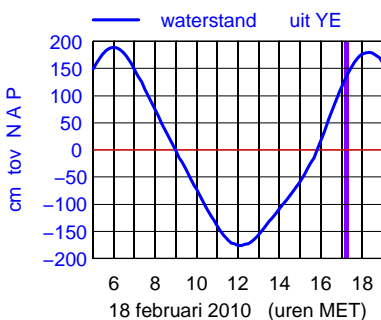
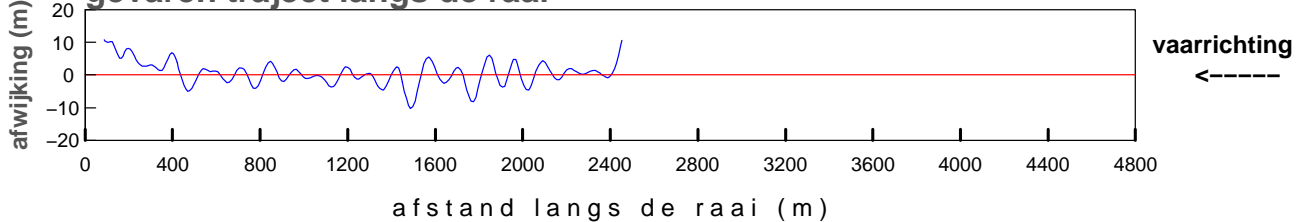
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

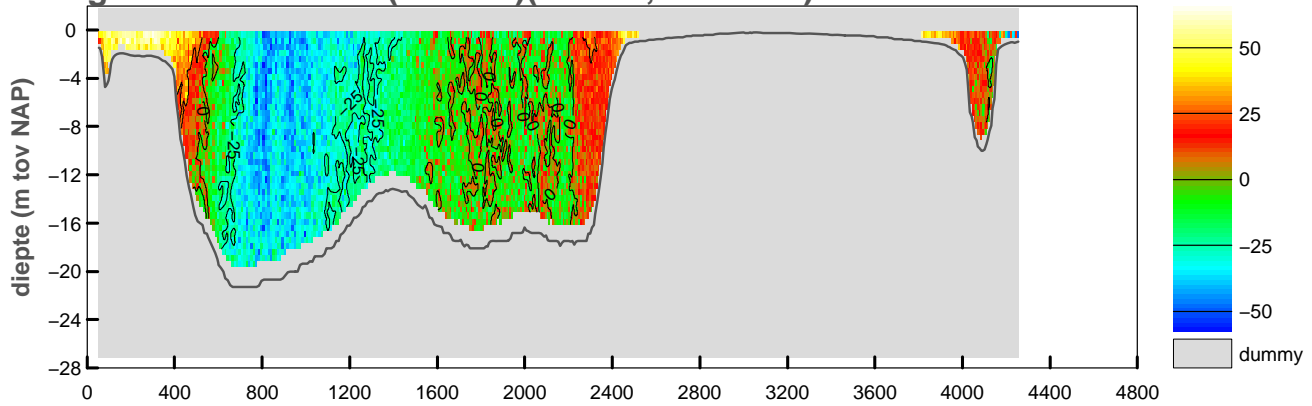


maximum gemiddelde stroom-
 snelheid in de vertikaal

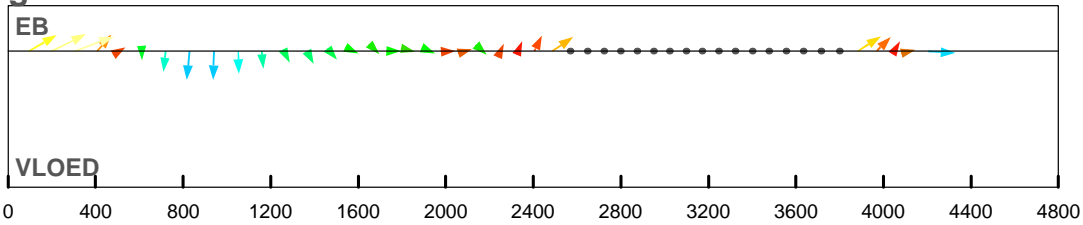
afstand uit nulpunt : 694 m
 stroomsnelheid : 96 cm/sec
 stroomrichting : 110°

doorstroomoppervlak : -37839 m²
 raaidebiet : -24236 m³/sec

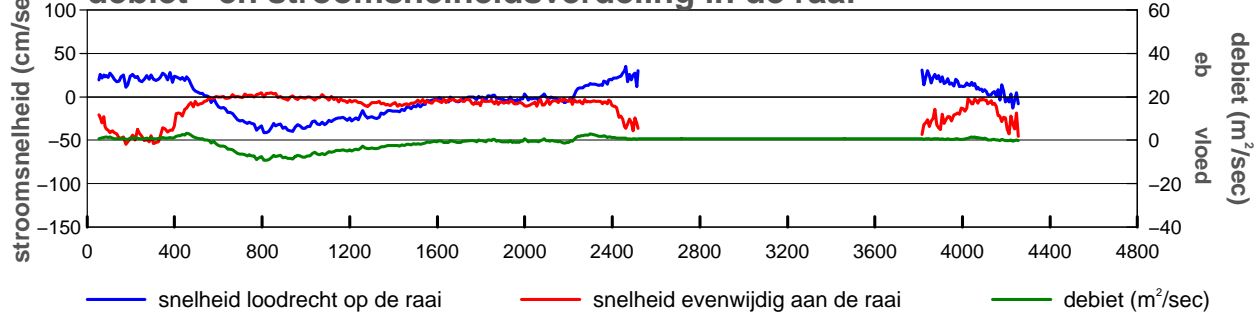
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



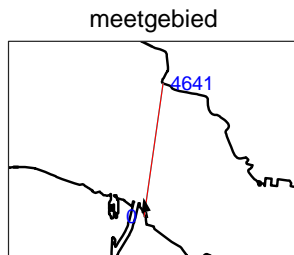
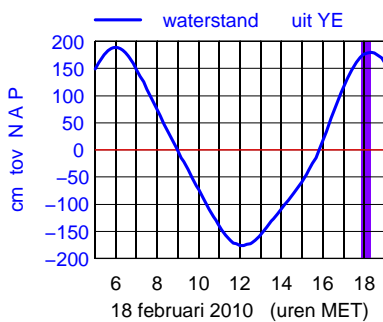
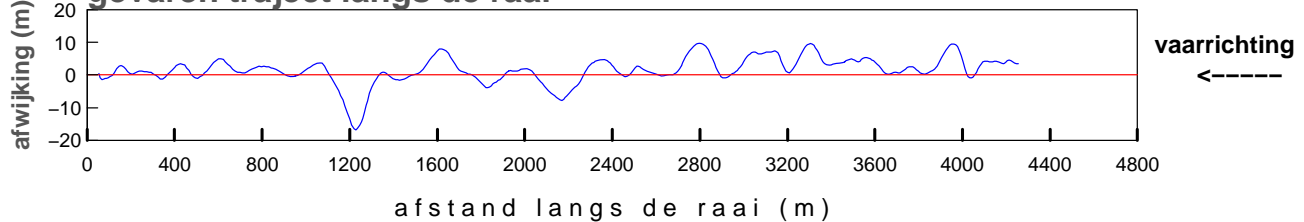
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 304 m

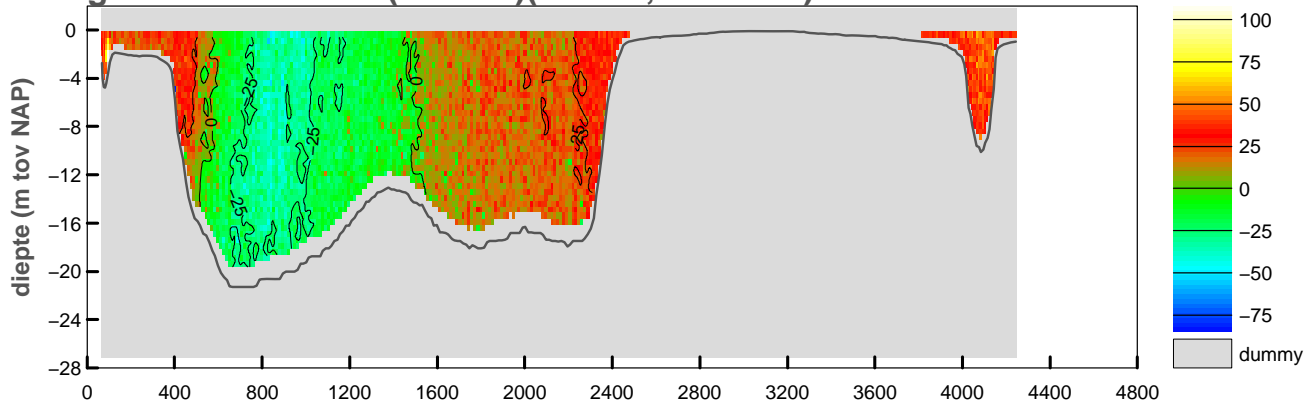
stroomsnelheid : 58 cm/sec

stroomrichting : 348°

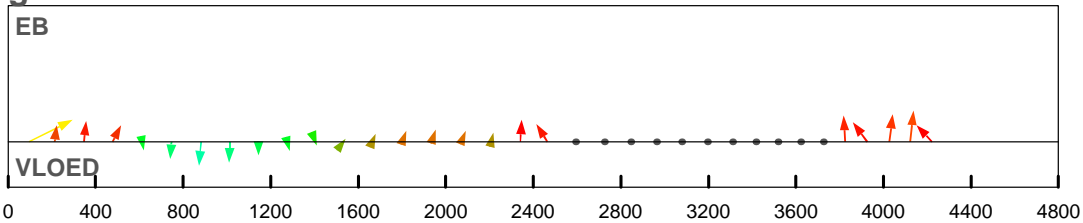
doorstroomoppervlak : -44307 m²

raaidebiet : -3050 m³/sec

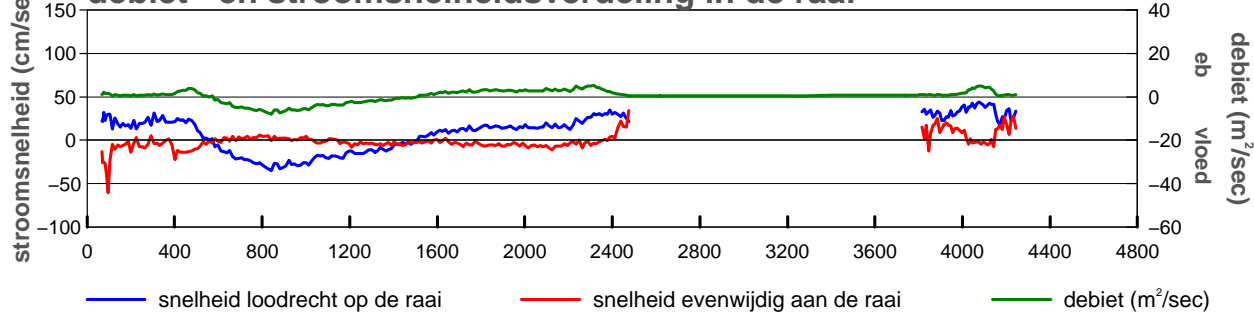
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



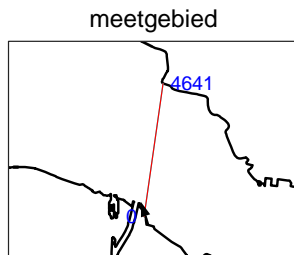
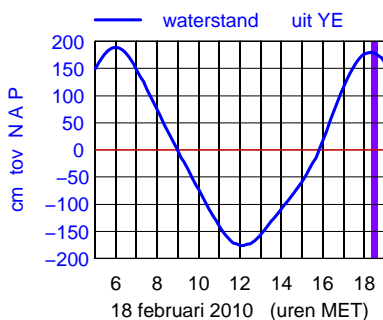
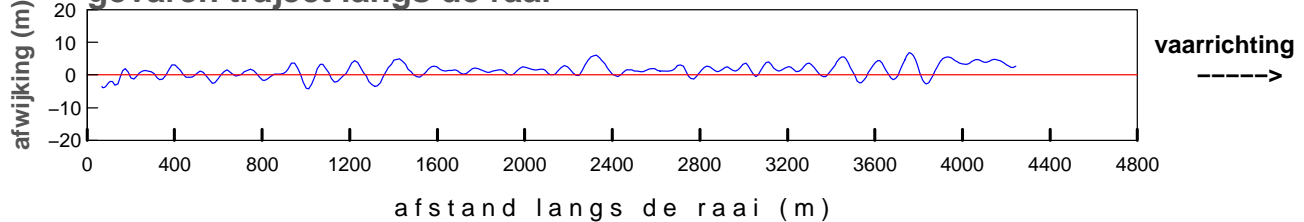
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai

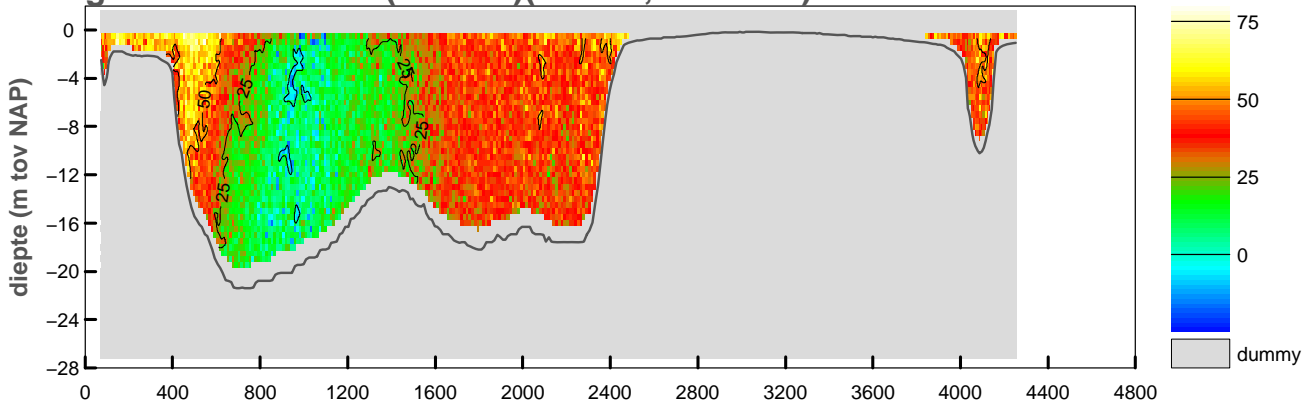


maximum gemiddelde stroom-
 snelheid in de vertikaal

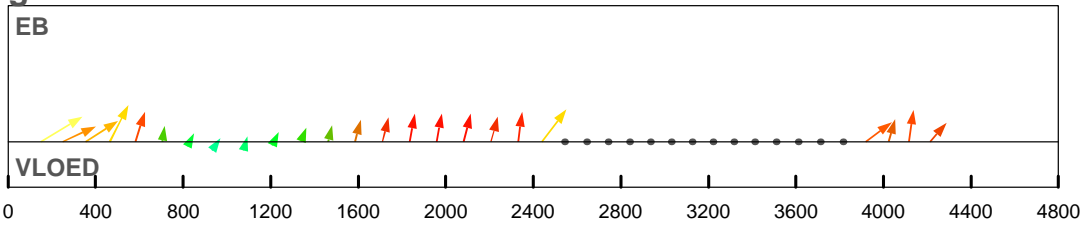
afstand uit nulpunt : 95 m
 stroomsnelheid : 67 cm/sec
 stroomrichting : 342°

doorstroomoppervlak : -44045 m²
 raaidebiet : 1415 m³/sec

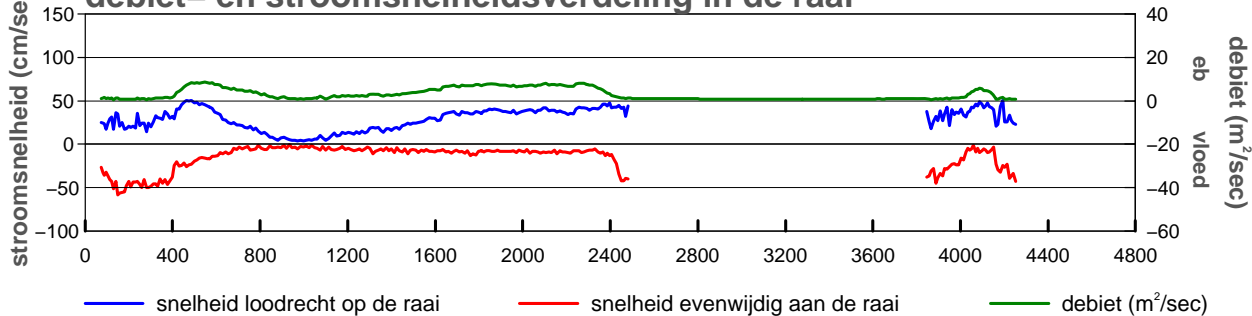
gemeten snelheid (cm/sec)(eb > 0 ,vloed < 0)



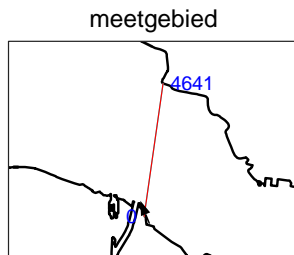
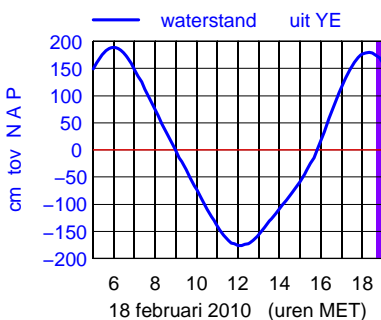
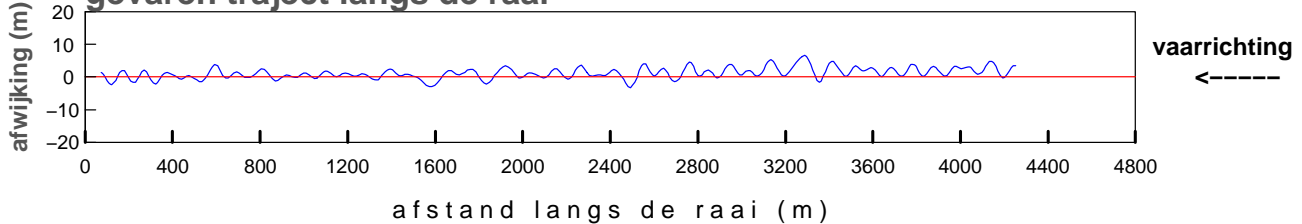
gemiddelde stroomsnelheid in de vertikaal



debiet- en stroomsnelheidsverdeling in de raai



gevaren traject langs de raai



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 149 m
 stroomsnelheid : 68 cm/sec
 stroomrichting : 337°

doorstroomoppervlak : -43634 m²
 raaidebiet : 12400 m³/sec

Bijlage 6

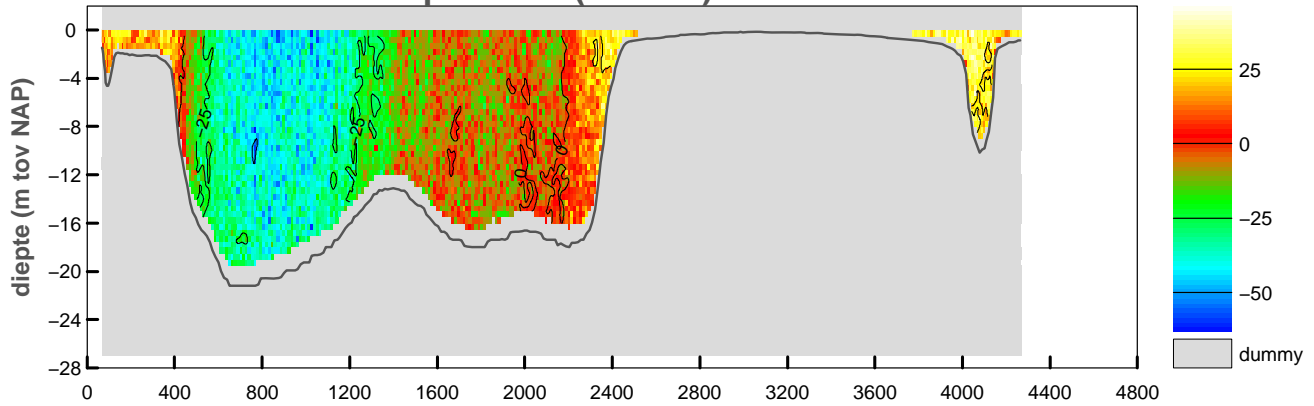
Ontbonden gegevens raai

Debietraai VII Oosterschelde

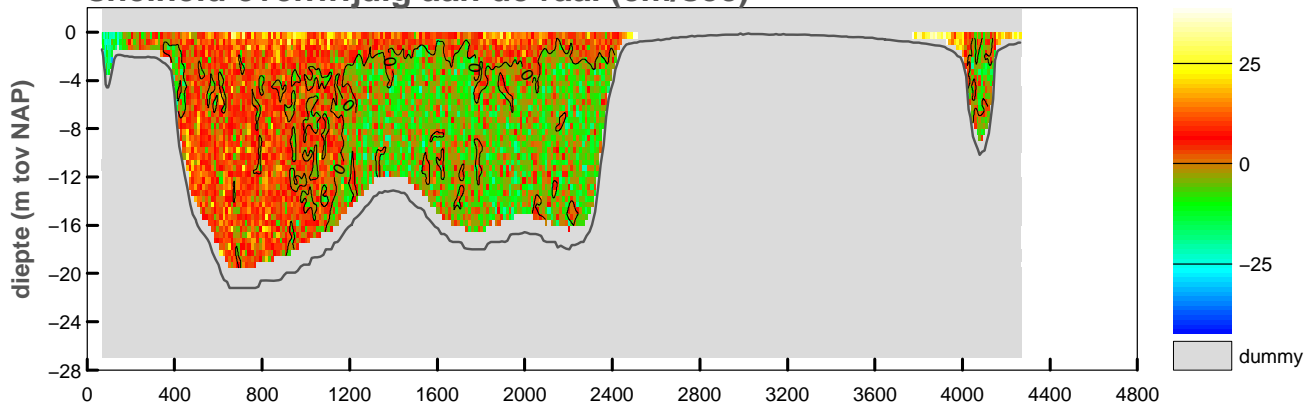
2402m1001

Notitie: ZLMD-10.N.003

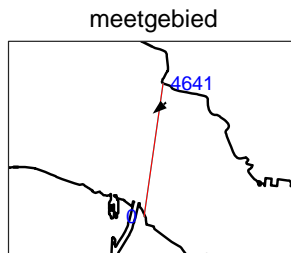
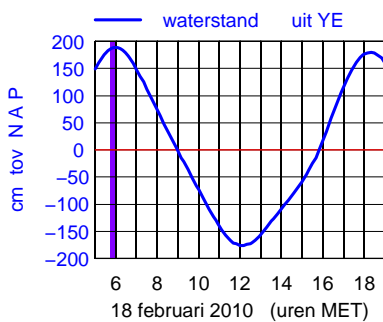
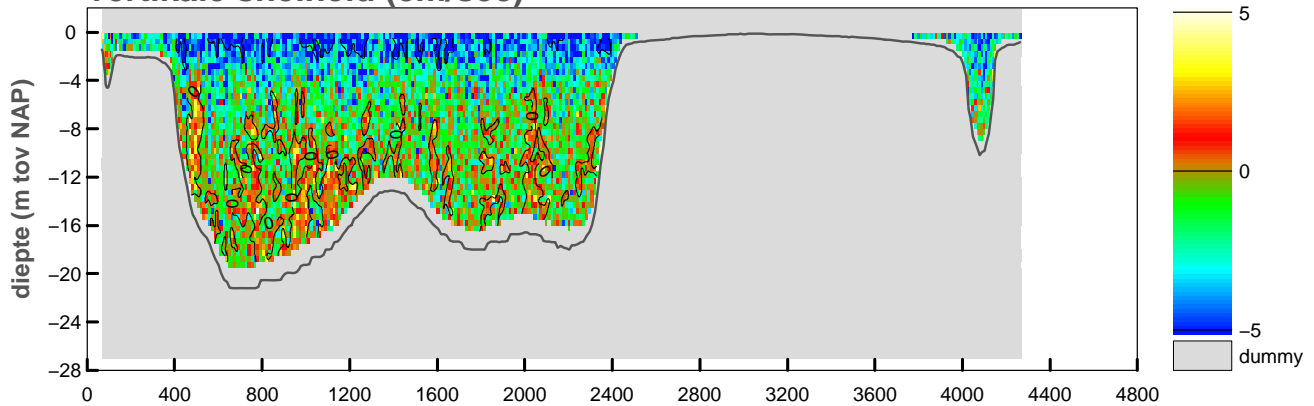
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 3777 m

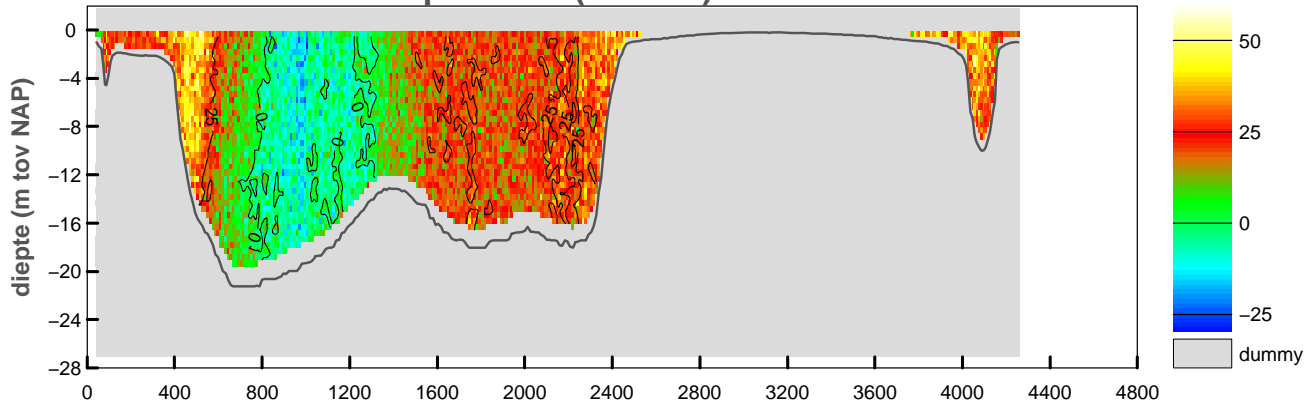
stroomsnelheid : 48 cm/sec

stroomrichting : 228°

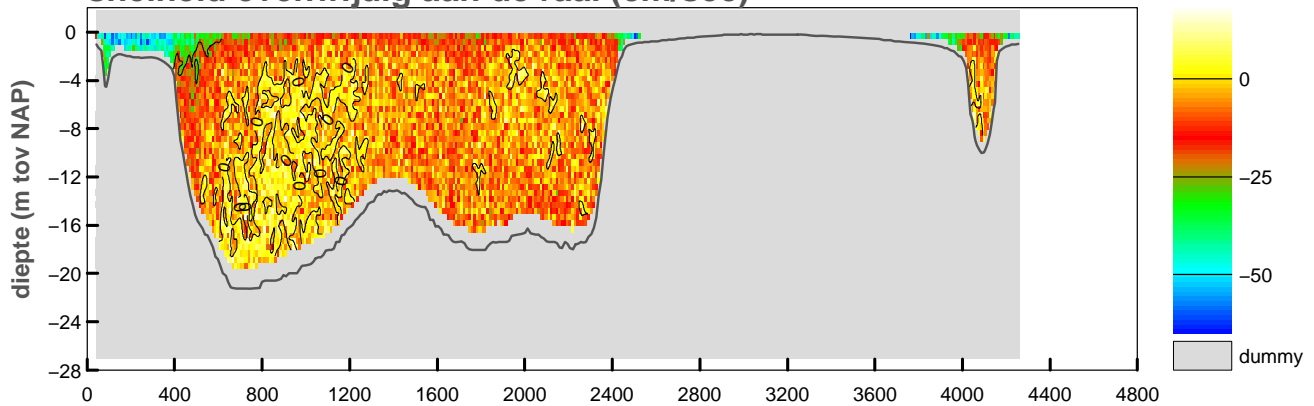
doorstroomoppervlak : -44561 m²

raaidebiet : -4690 m³/sec

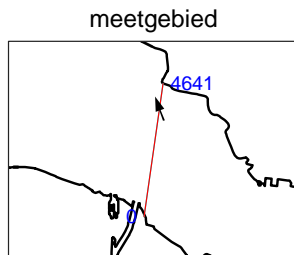
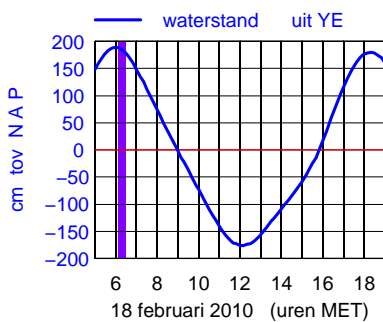
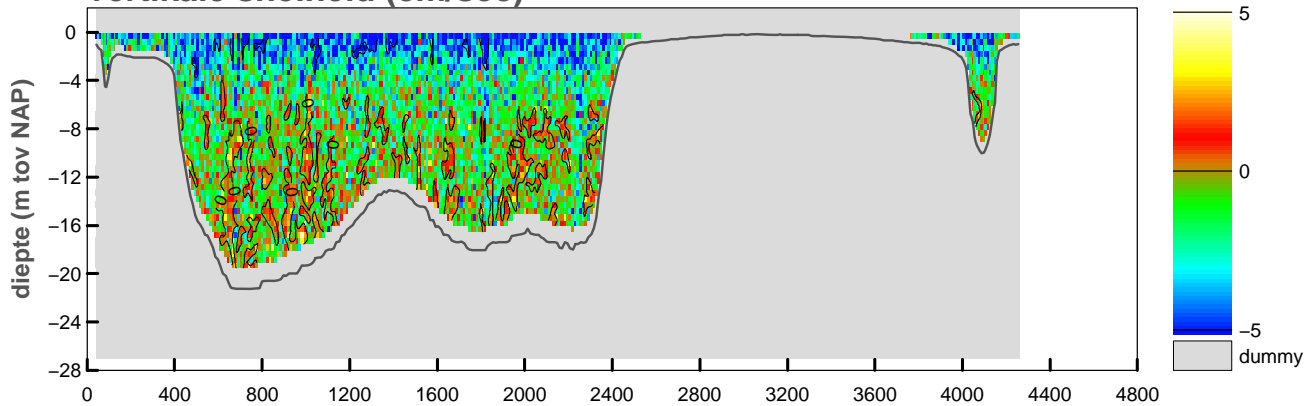
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
 snelheid in de verticaleal

afstand uit nulpunt : 3763 m

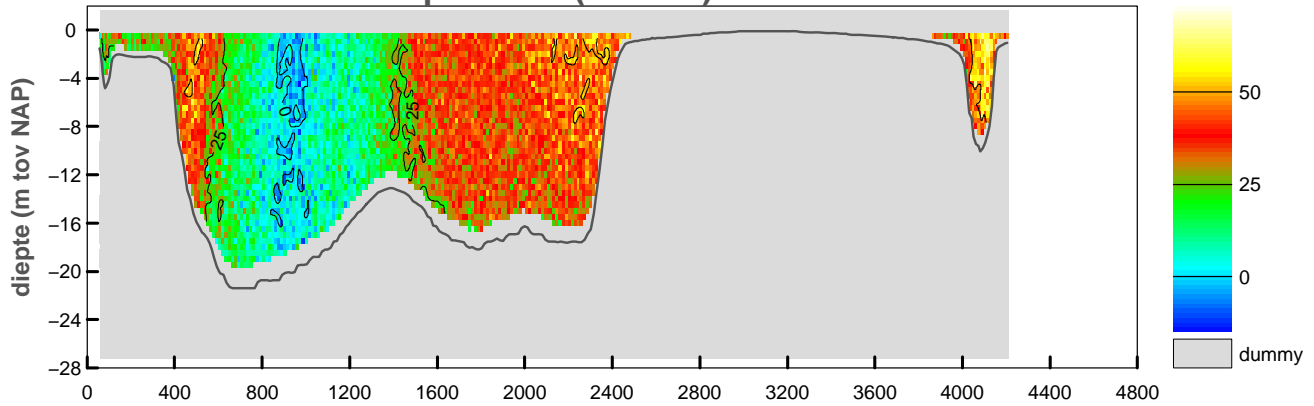
stroomsnelheid : 70 cm/sec

stroomrichting : 340°

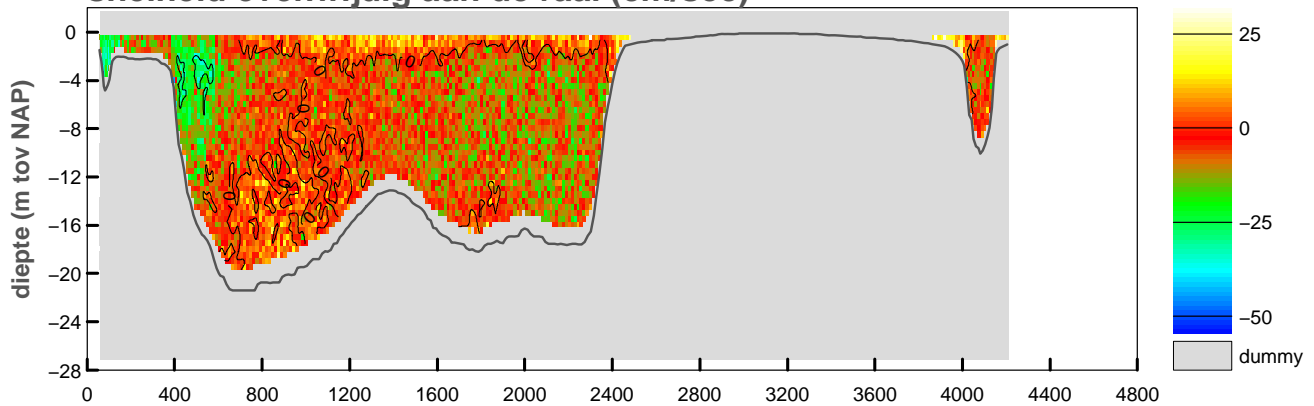
doorstroomoppervlak : -44495 m²

raaidebiet : 7231 m³/sec

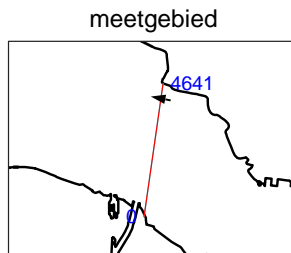
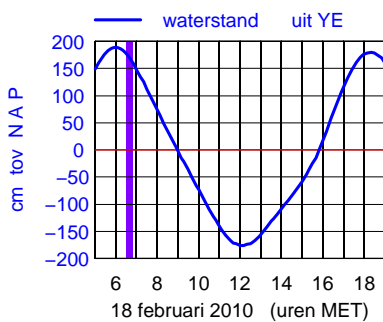
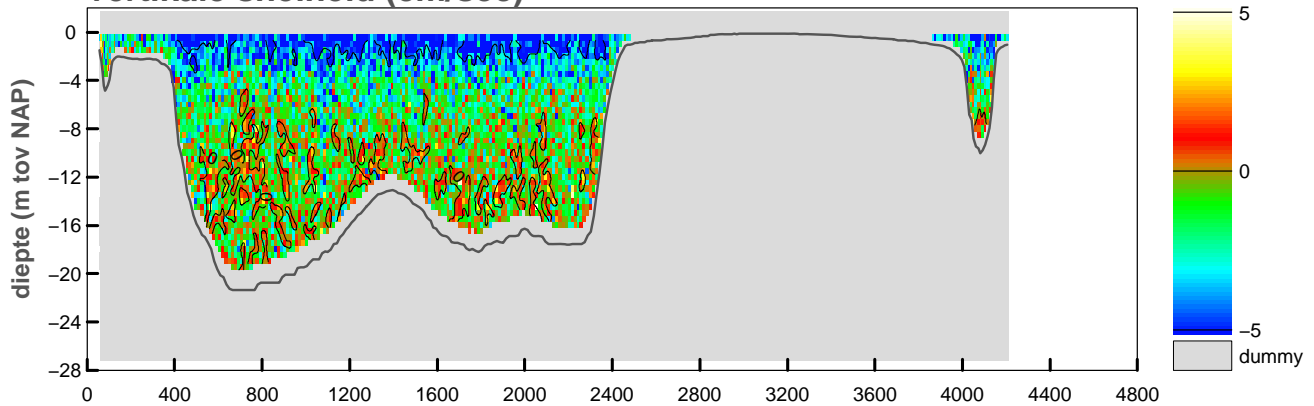
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 4114 m

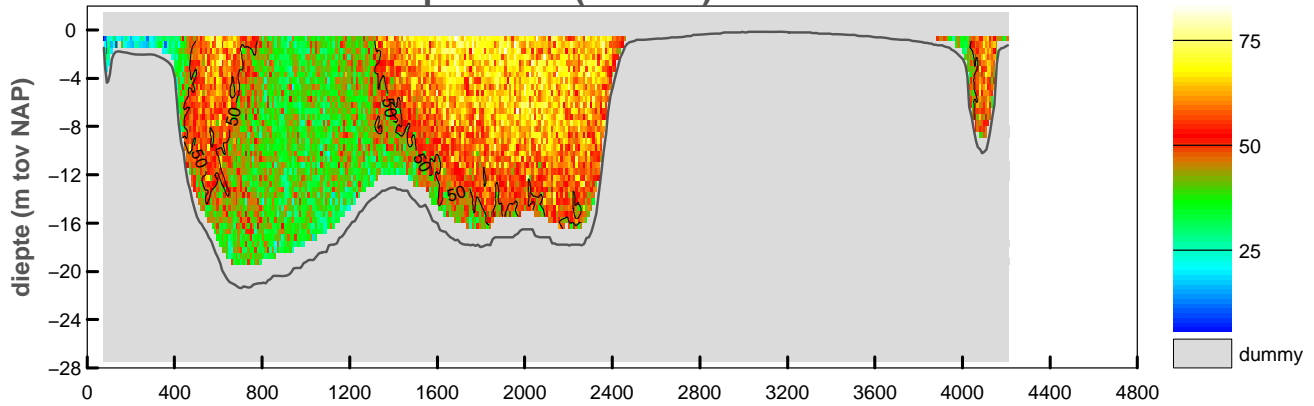
stroomsnelheid : 55 cm/sec

stroomrichting : 282°

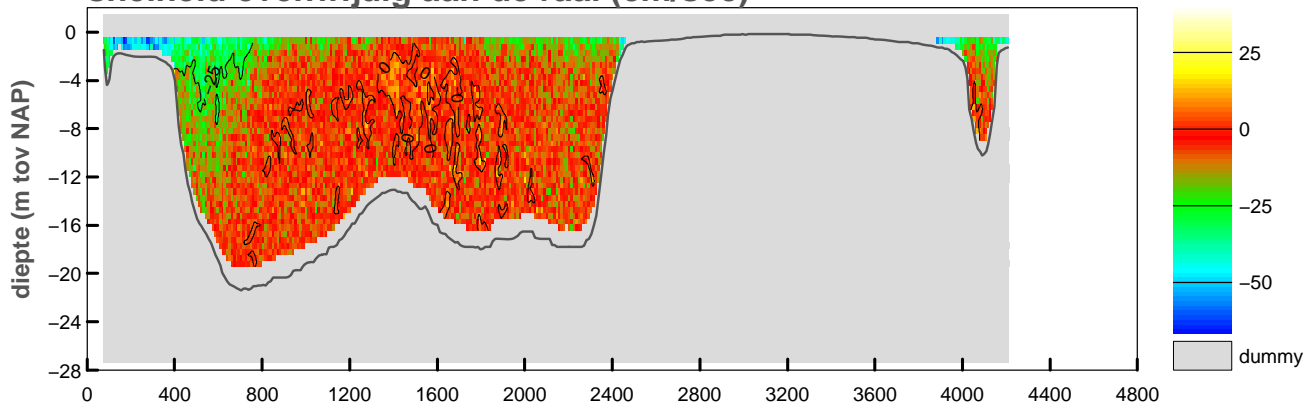
doorstroomoppervlak : -43719 m²

raaidebiet : 11891 m³/sec

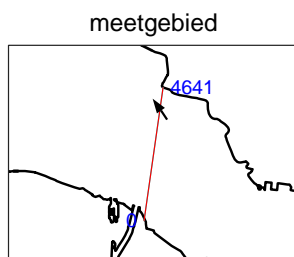
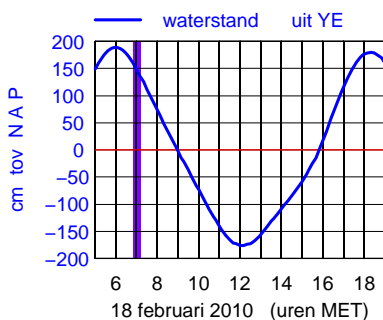
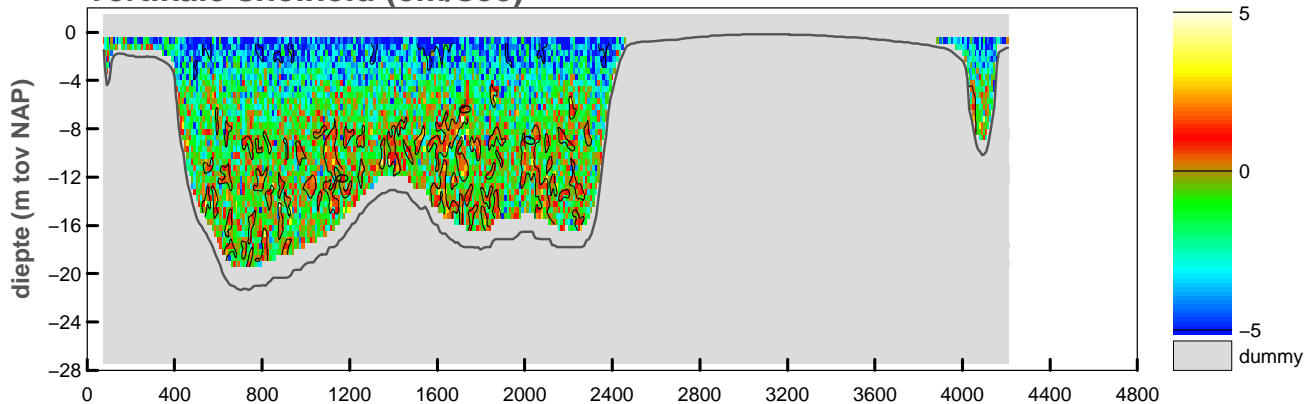
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 3888 m

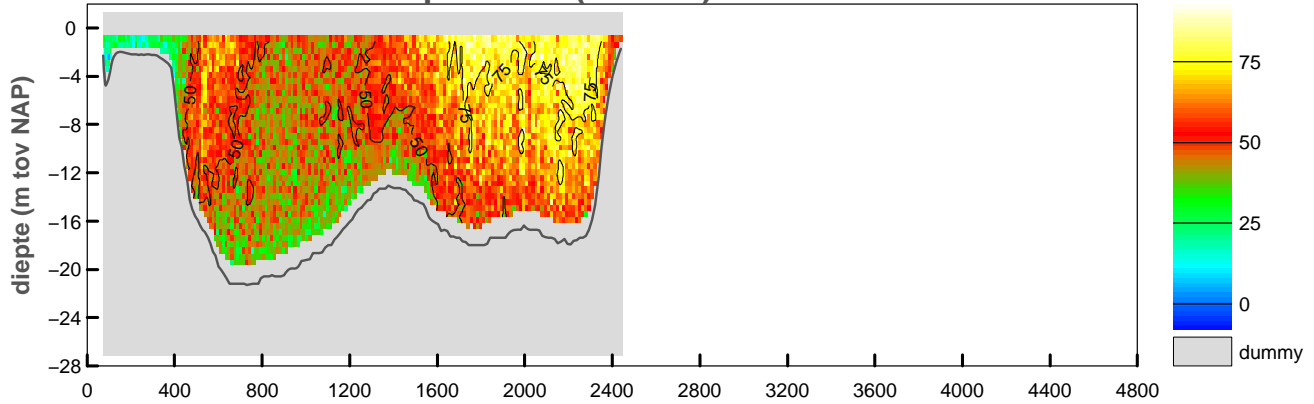
stroomsnelheid : 70 cm/sec

stroomrichting : 326°

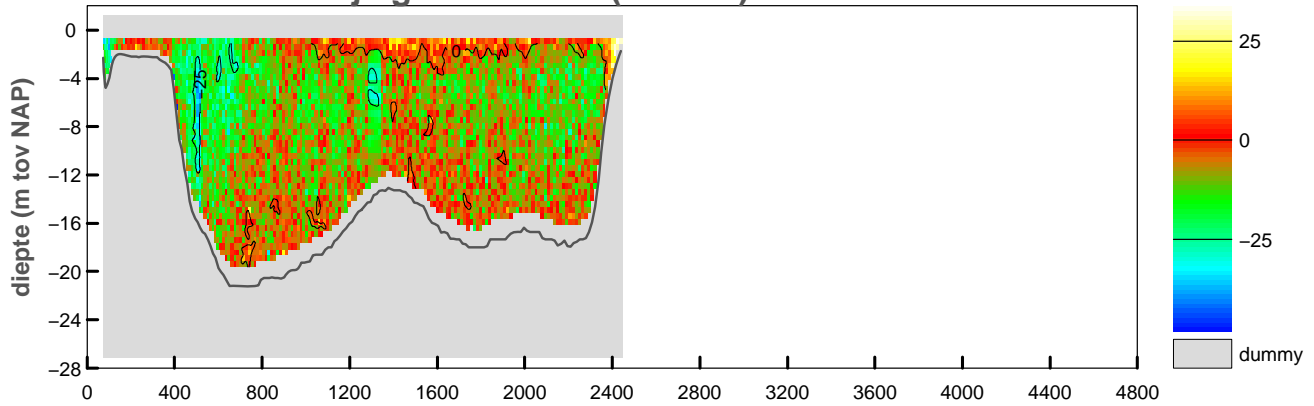
doorstroomoppervlak : -42669 m²

raaidebiet : 20611 m³/sec

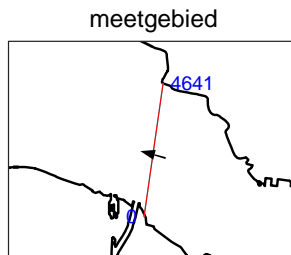
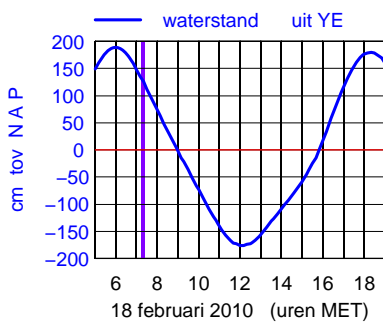
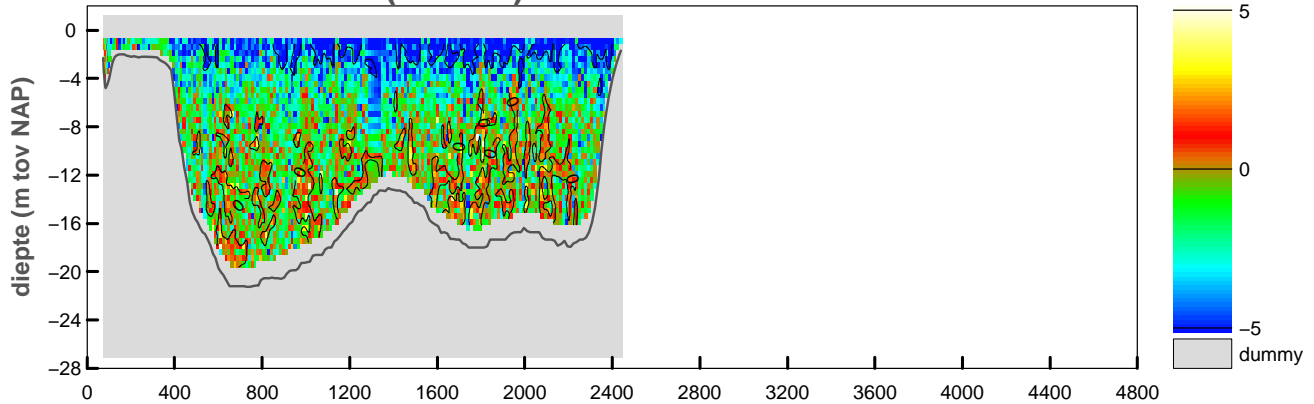
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

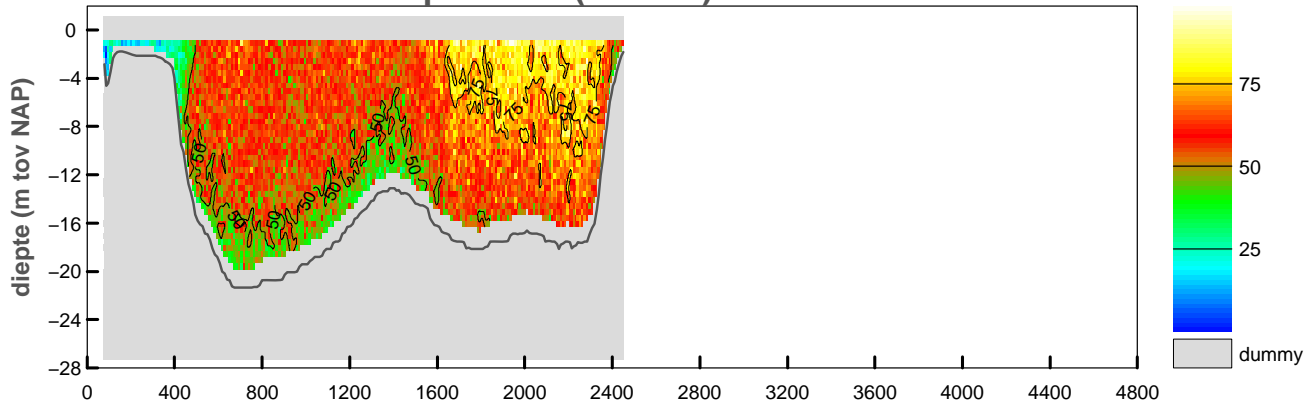


maximum gemiddelde stroom-
 snelheid in de vertikaal

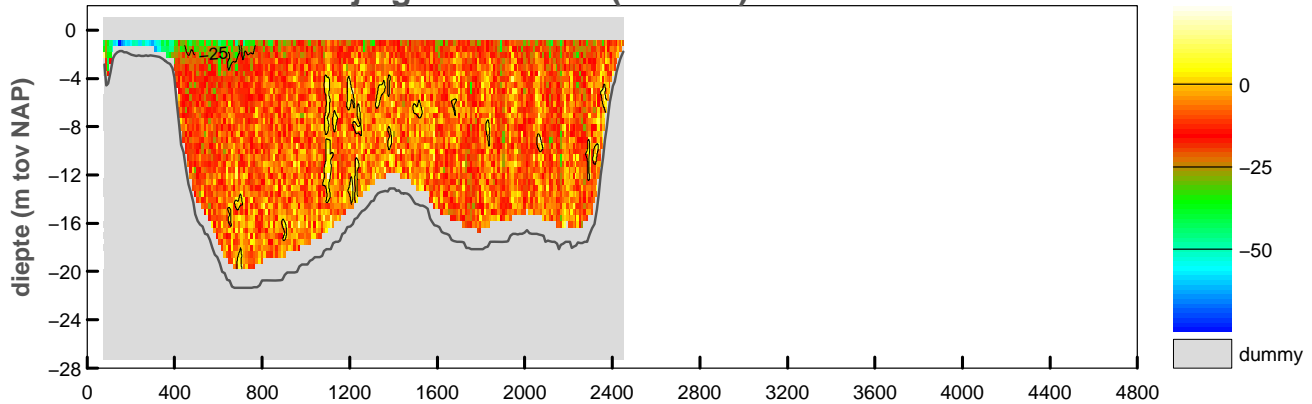
afstand uit nulpunt : 2166 m
 stroomsnelheid : 73 cm/sec
 stroomrichting : 285°

doorstroomoppervlak : -37515 m²
 raaidebiet : 19922 m³/sec

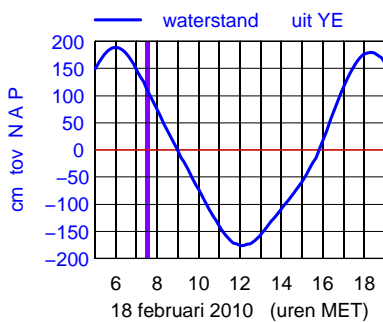
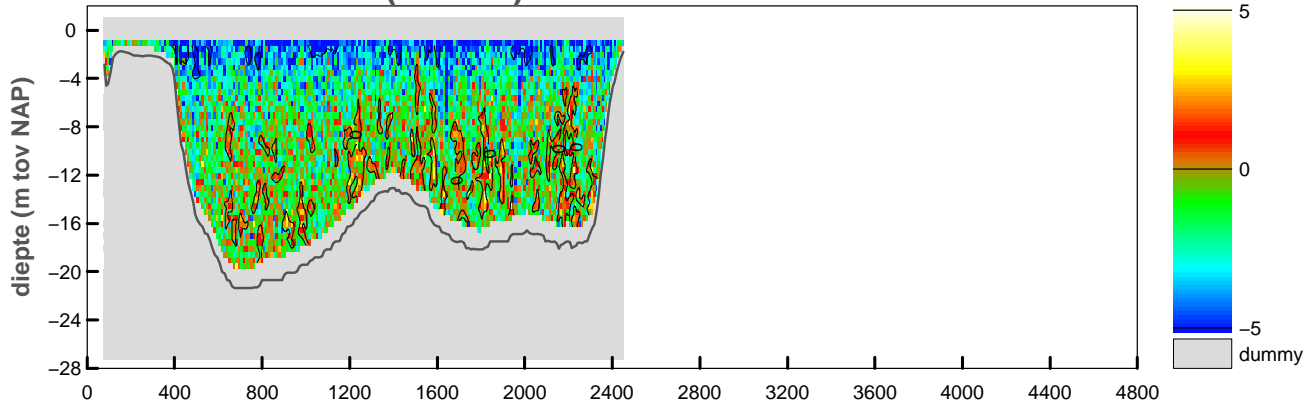
snelheid loodrecht op de raai (cm/sec)



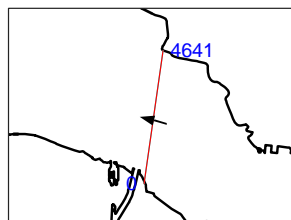
snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



meetgebied



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 2205 m

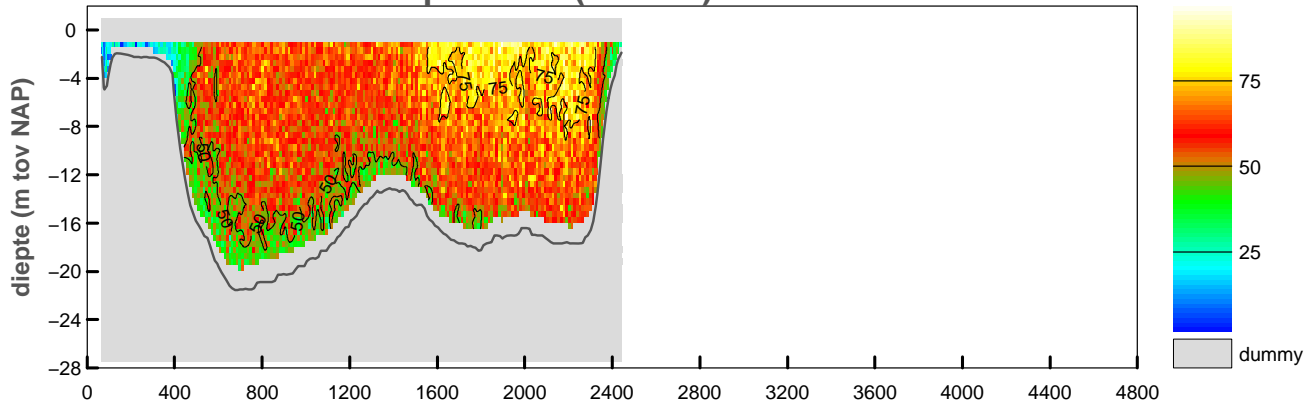
stroomsnelheid : 76 cm/sec

stroomrichting : 284°

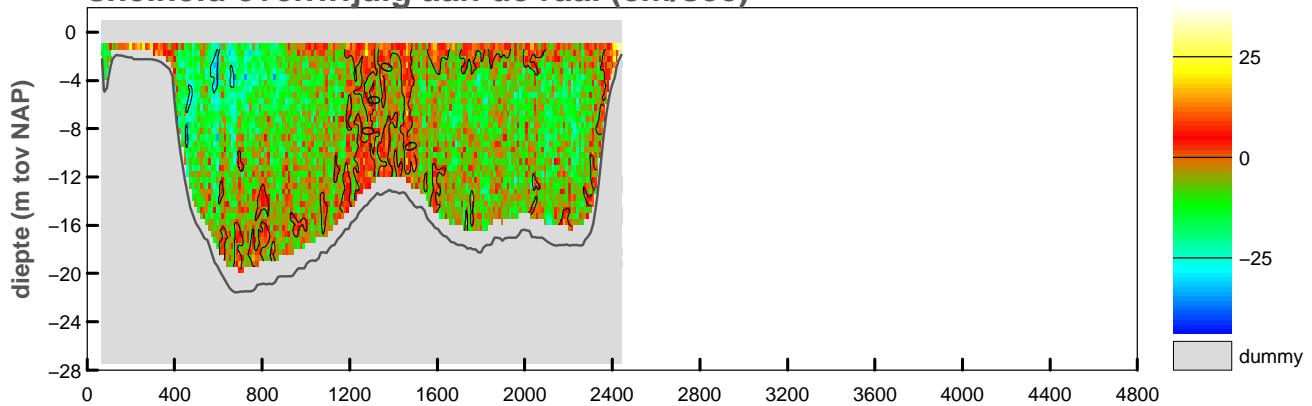
doorstroomoppervlak : -37272 m²

raaidebiet : 21494 m³/sec

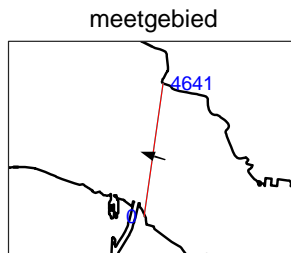
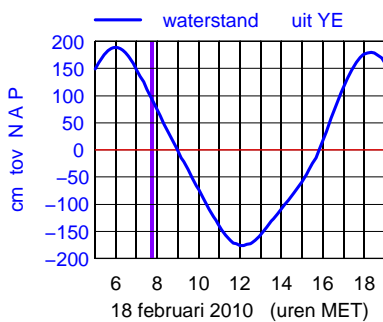
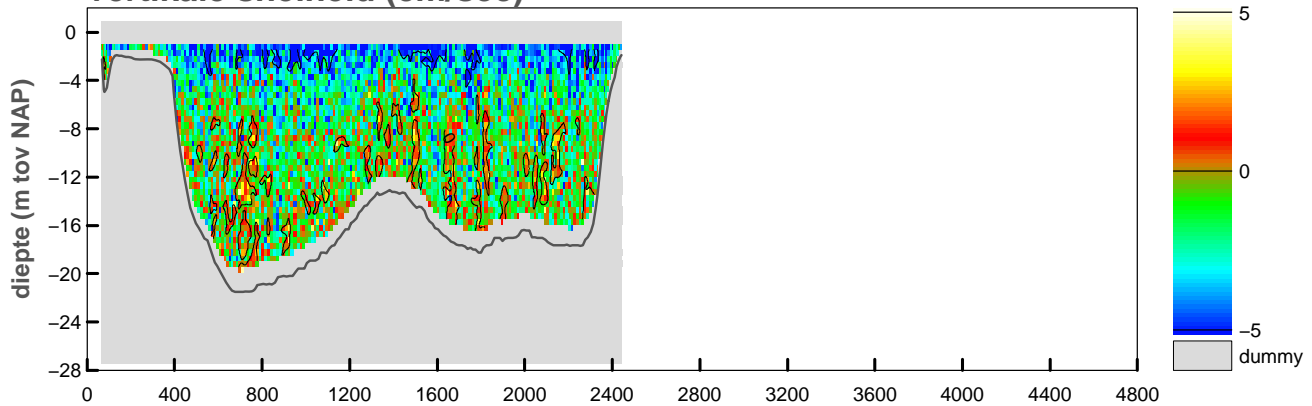
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de verticaleal

afstand uit nulpunt : 2118 m

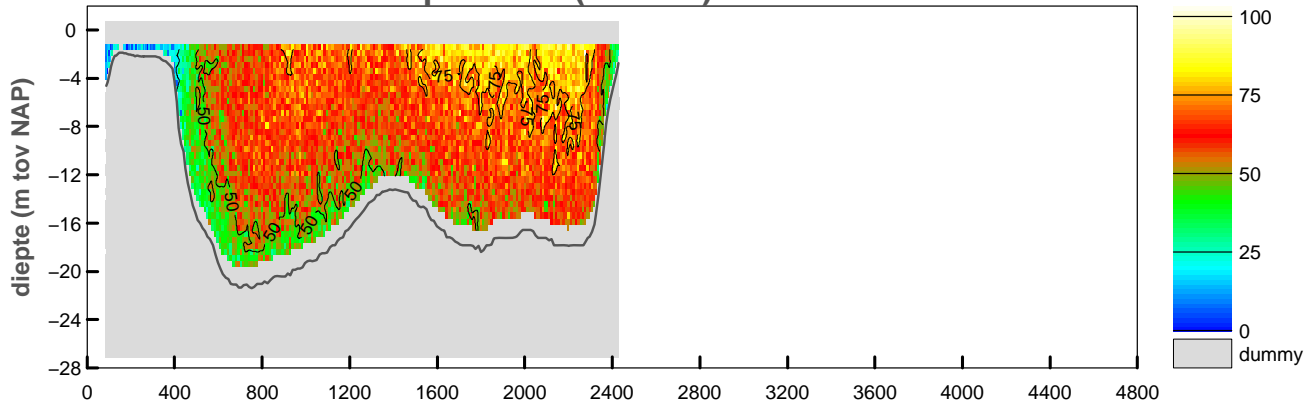
stroomsnelheid : 72 cm/sec

stroomrichting : 287°

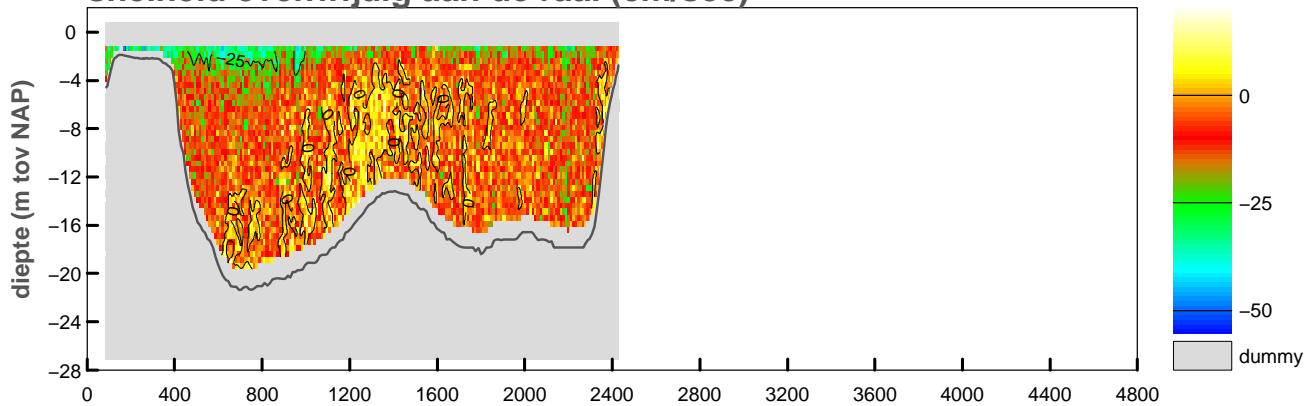
doorstroomoppervlak : -36943 m²

raaidebiet : 21249 m³/sec

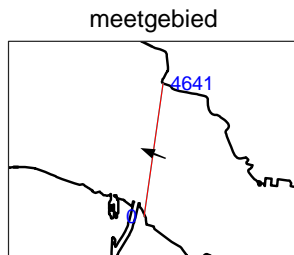
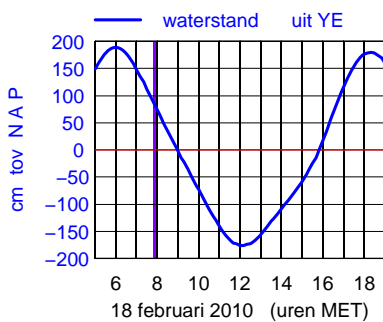
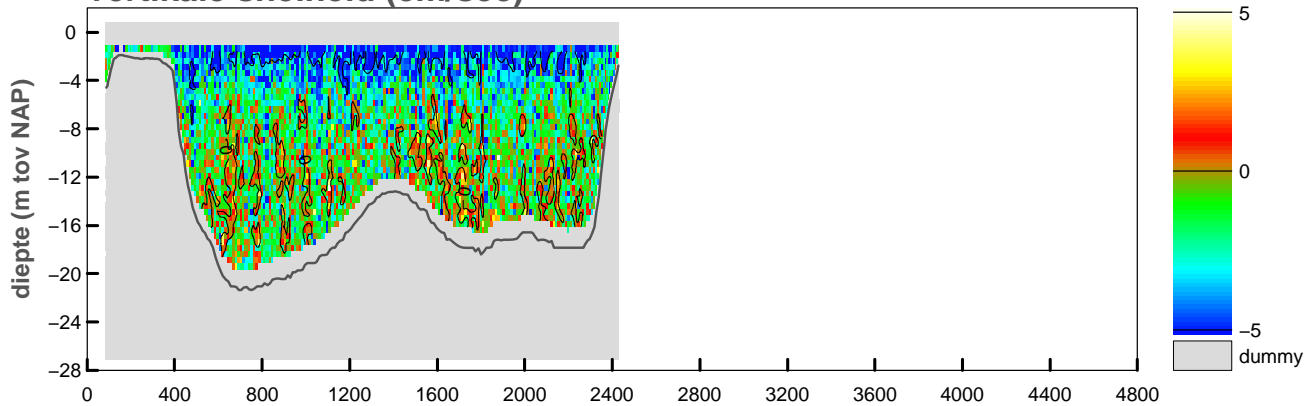
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 2201 m

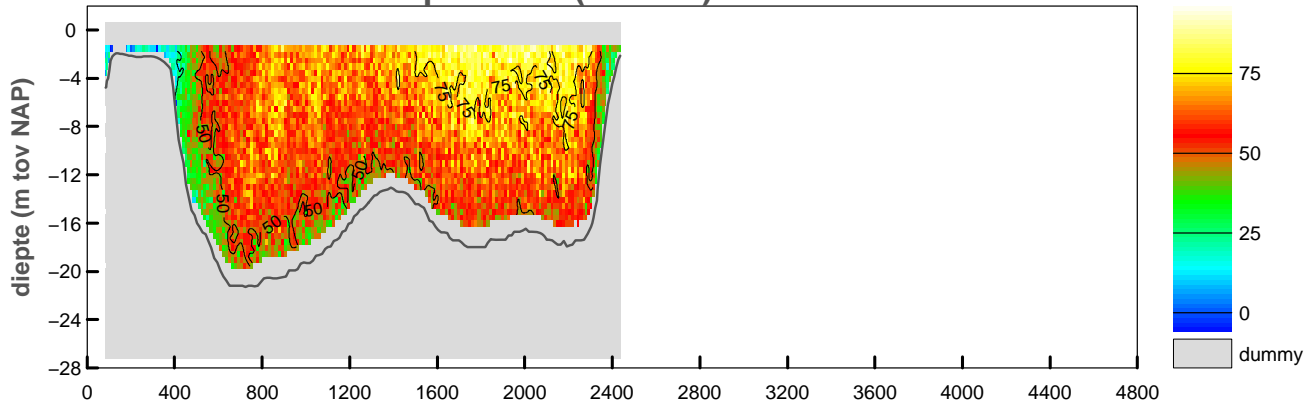
stroomsnelheid : 75 cm/sec

stroomrichting : 292°

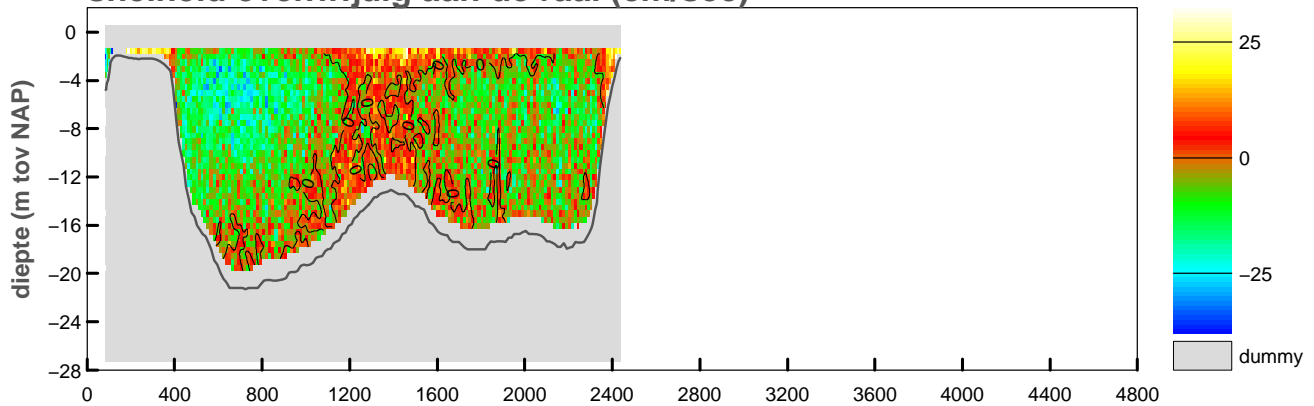
doorstroomoppervlak : -36438 m²

raaidebiet : 21482 m³/sec

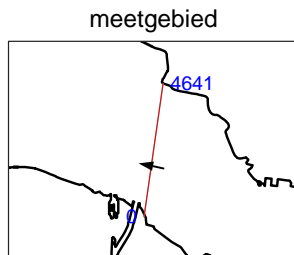
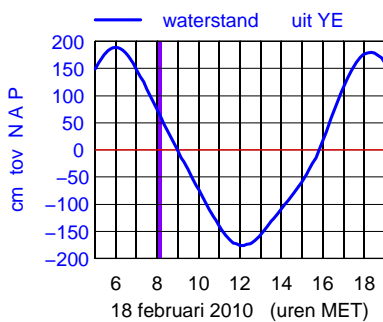
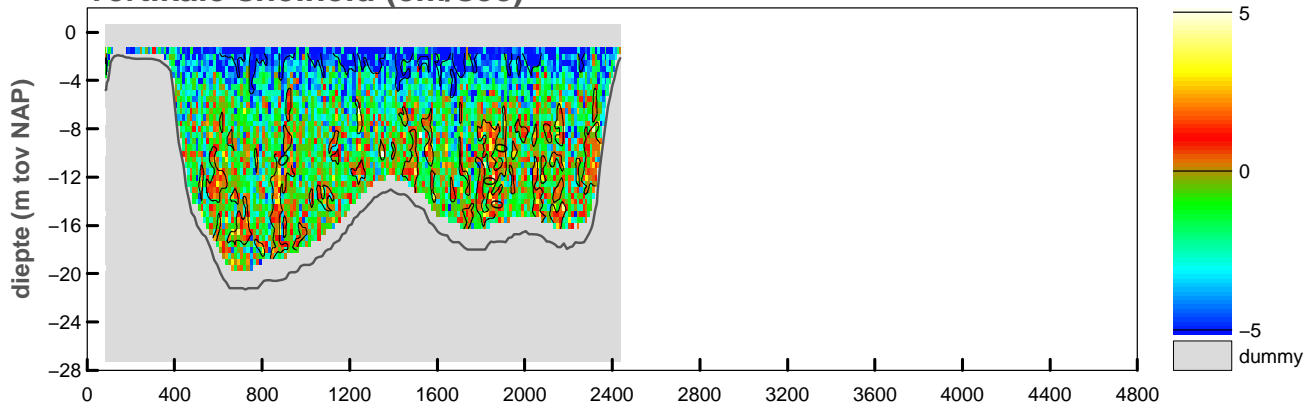
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

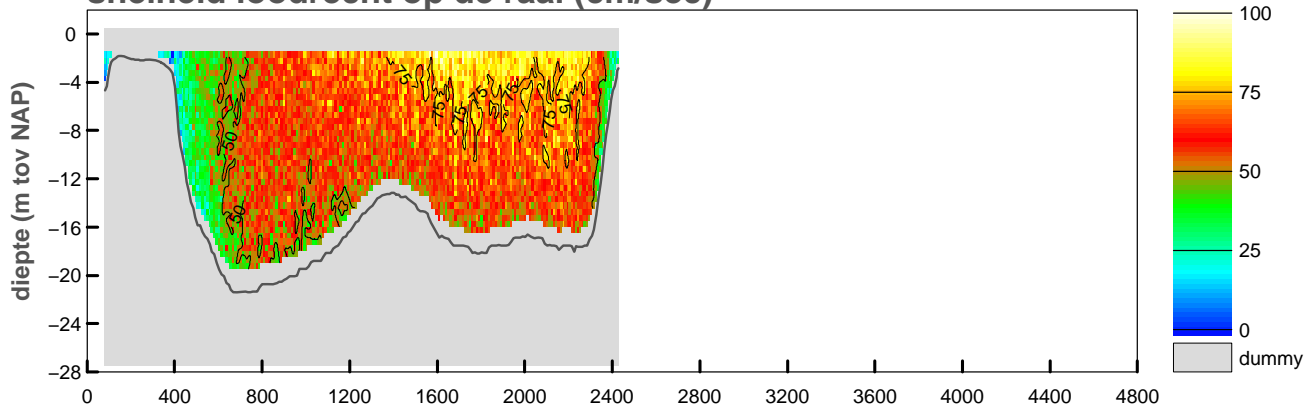


maximum gemiddelde stroom-
 snelheid in de vertikaal

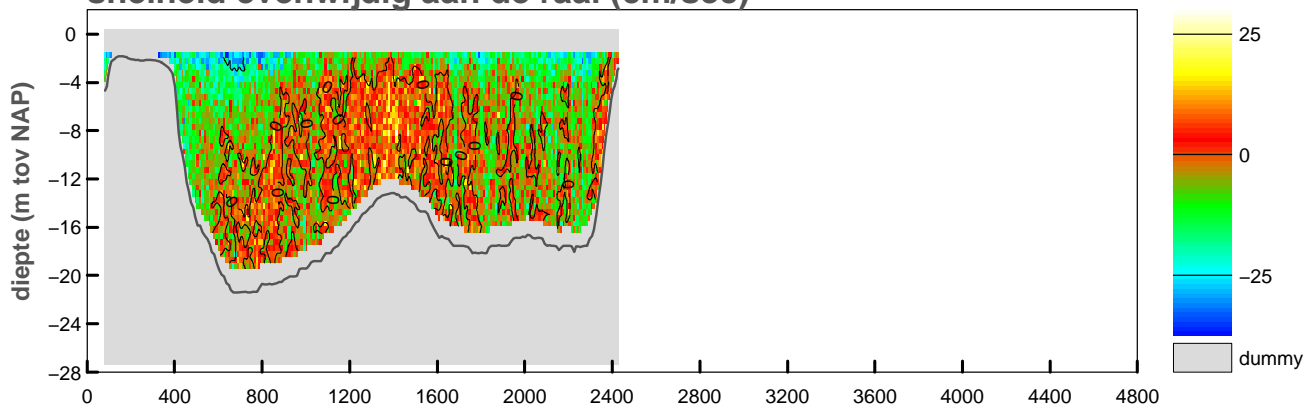
afstand uit nulpunt : 1765 m
 stroomsnelheid : 72 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -36030 m²
 raaidebiet : 20752 m³/sec

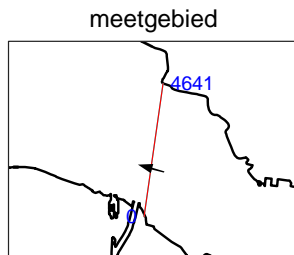
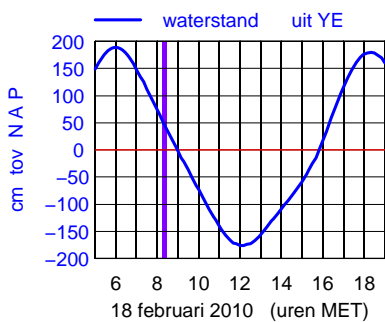
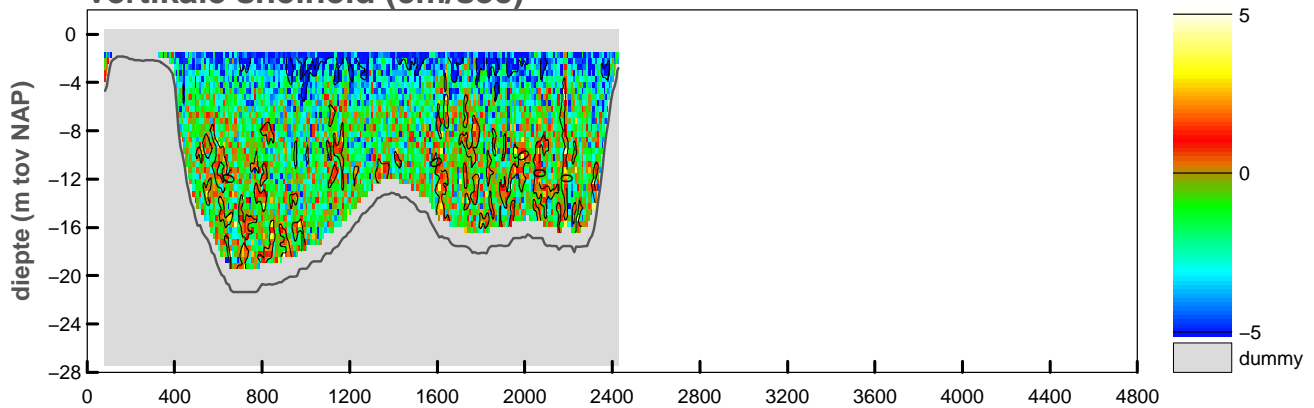
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

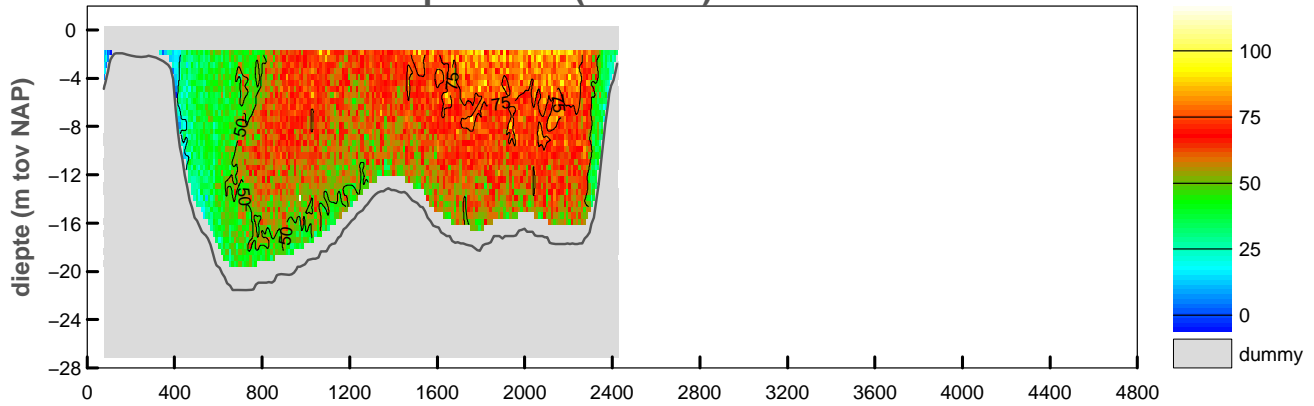


maximum gemiddelde stroom-
 snelheid in de vertikaal

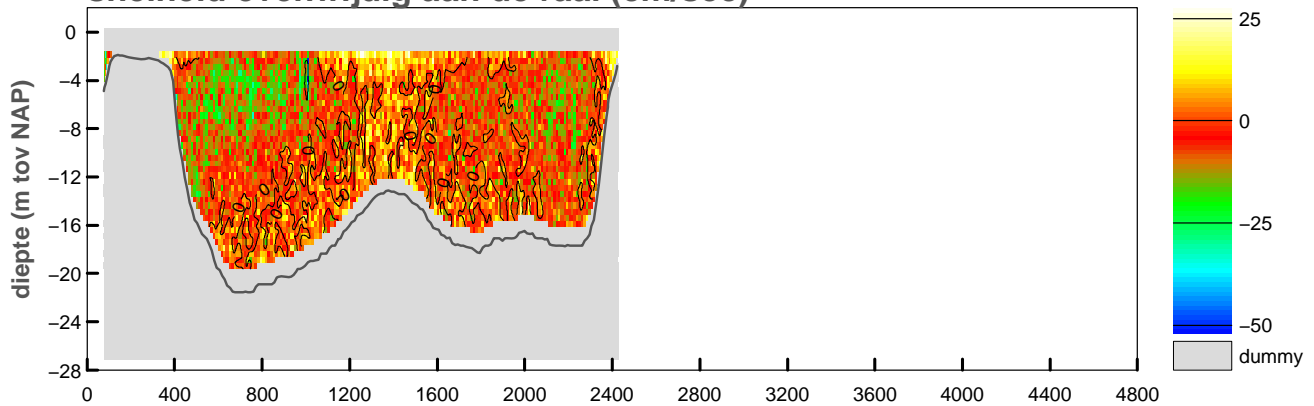
afstand uit nulpunt : 1685 m
 stroomsnelheid : 75 cm/sec
 stroomrichting : 286°

doorstroomoppervlak : -35716 m²
 raaidebiet : 20653 m³/sec

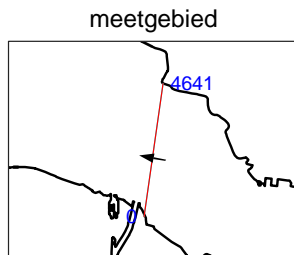
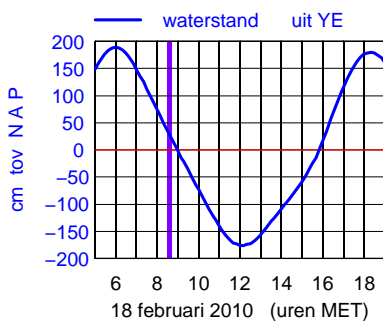
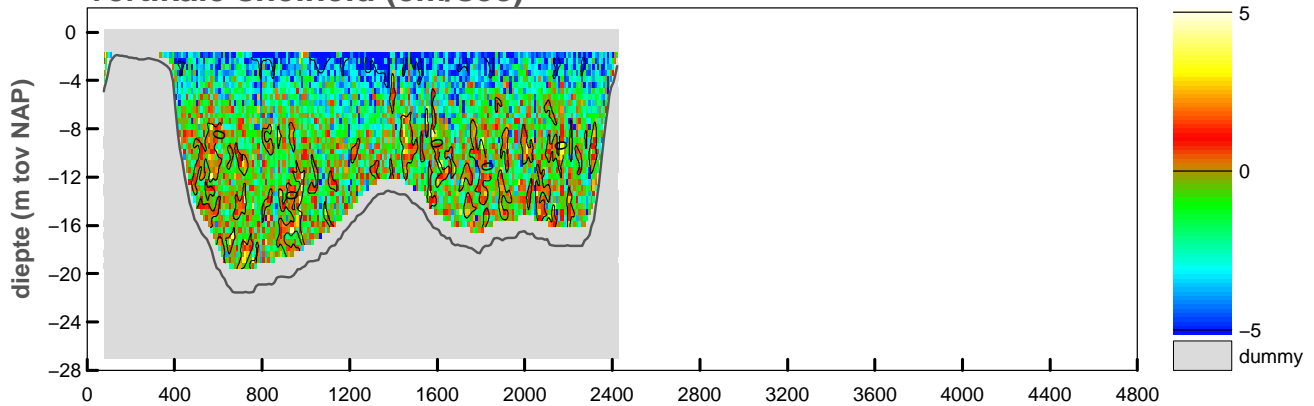
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 2046 m

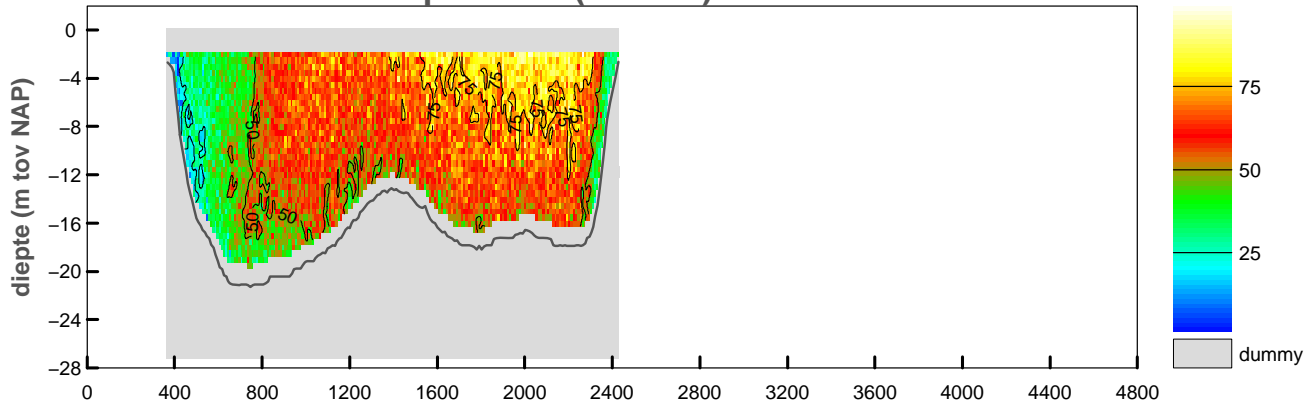
stroomsnelheid : 74 cm/sec

stroomrichting : 281°

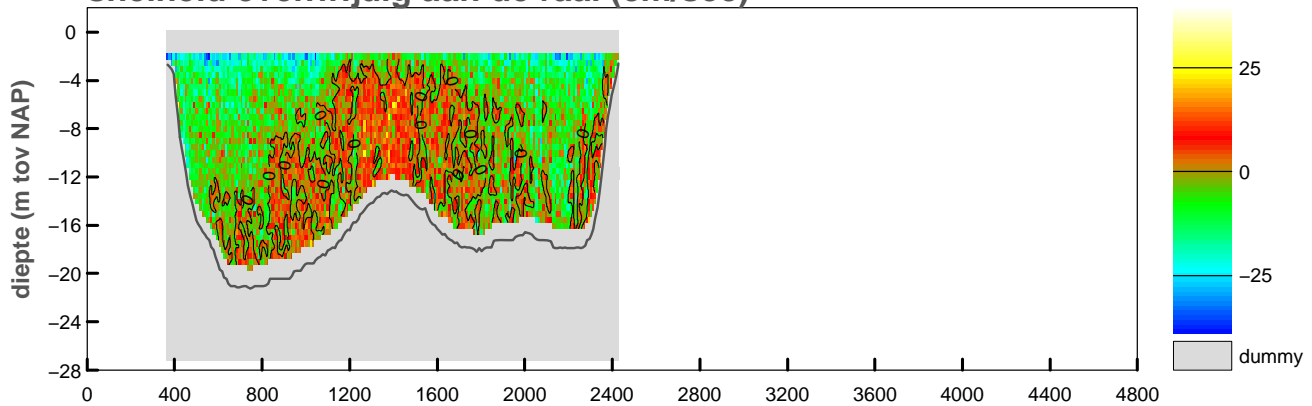
doorstroomoppervlak : -35294 m²

raaidebiet : 19873 m³/sec

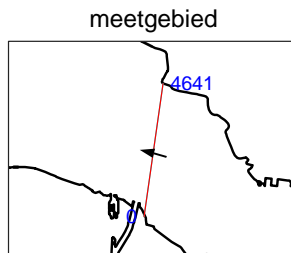
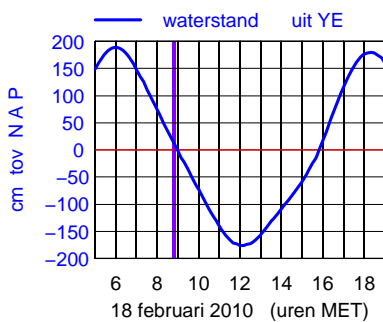
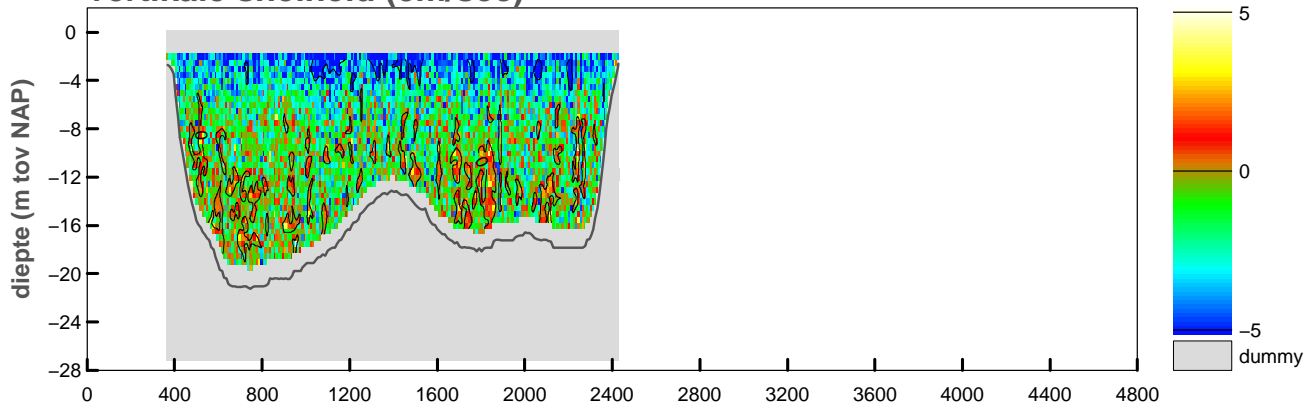
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 2204 m

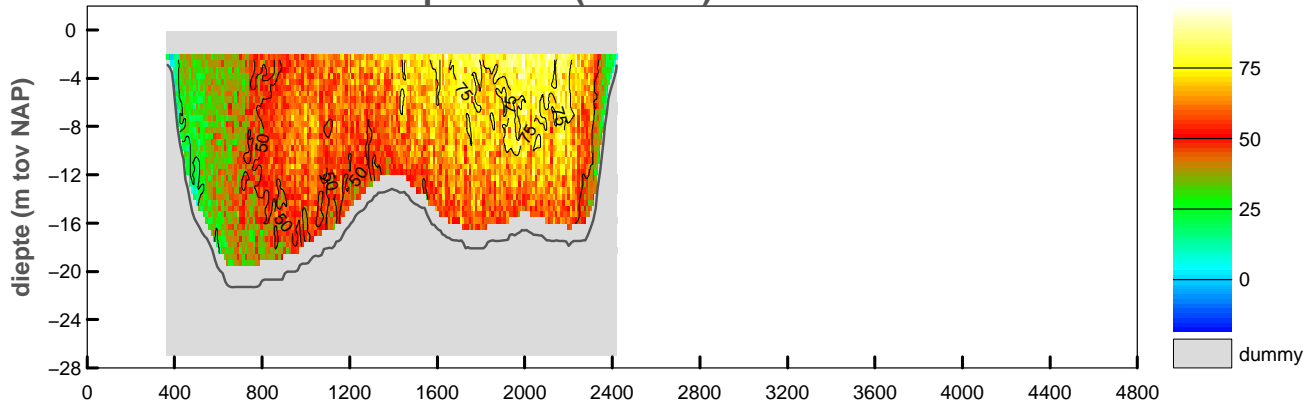
stroomsnelheid : 76 cm/sec

stroomrichting : 285°

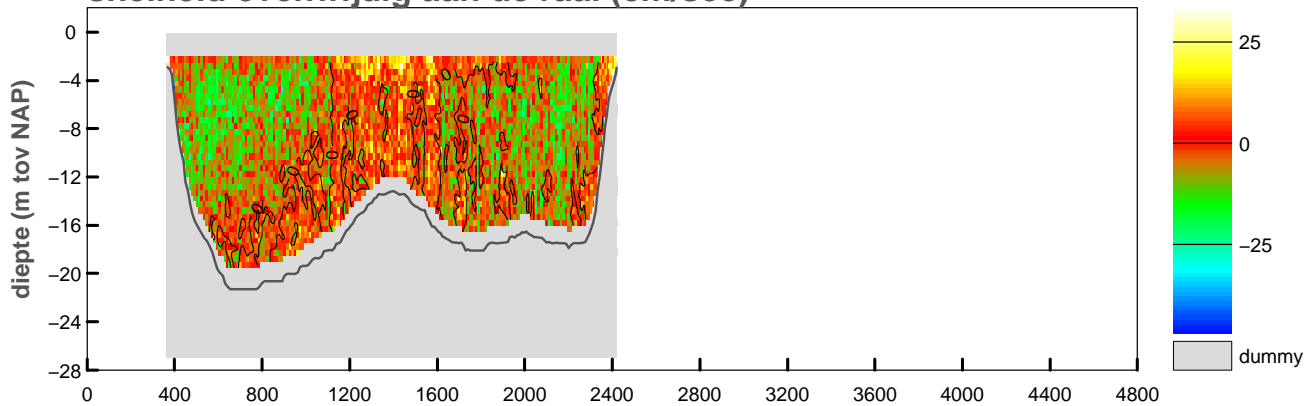
doorstroomoppervlak : -34237 m²

raaidebiet : 19591 m³/sec

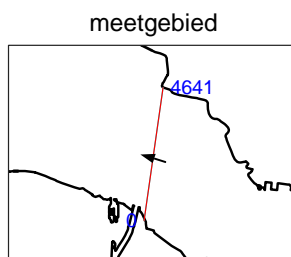
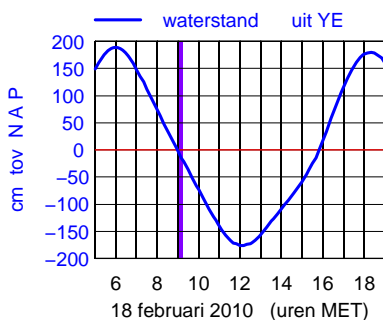
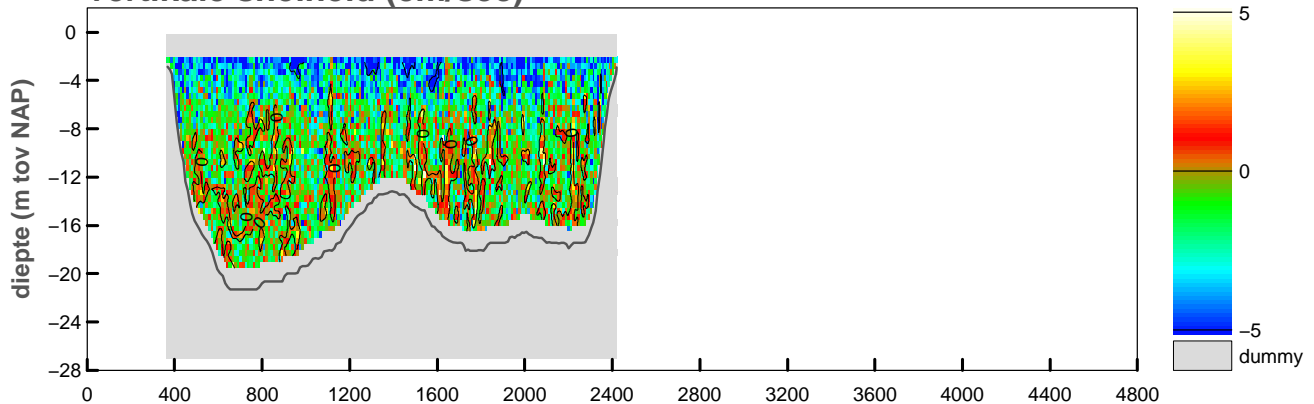
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 2166 m

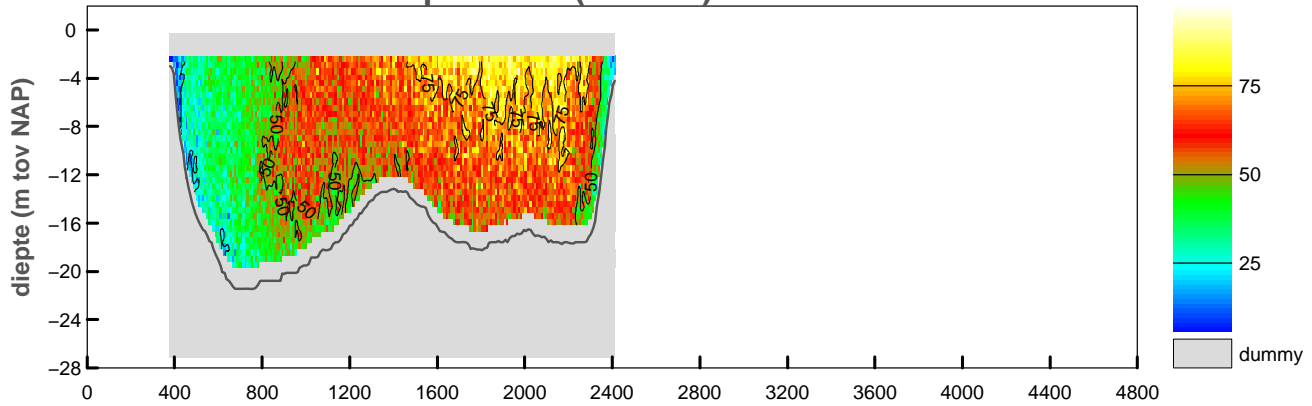
stroomsnelheid : 74 cm/sec

stroomrichting : 287°

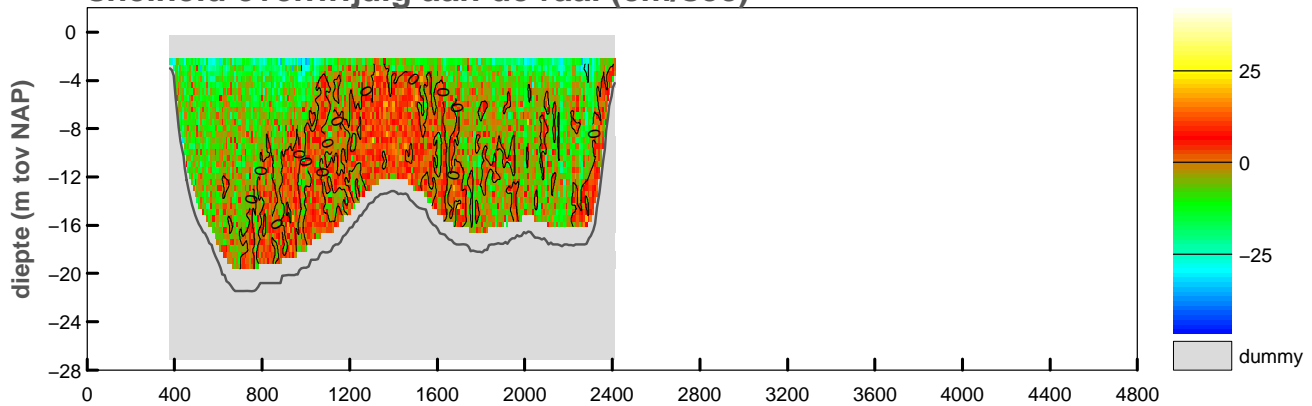
doorstroomoppervlak : -33724 m²

raaidebiet : 18594 m³/sec

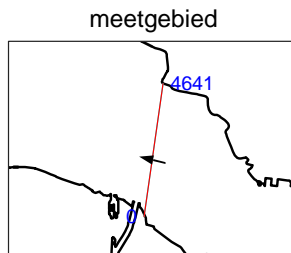
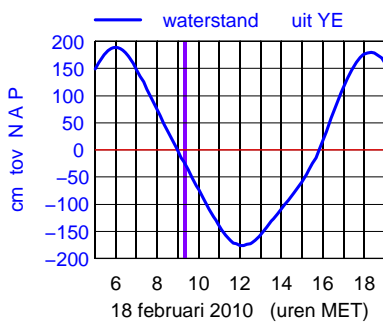
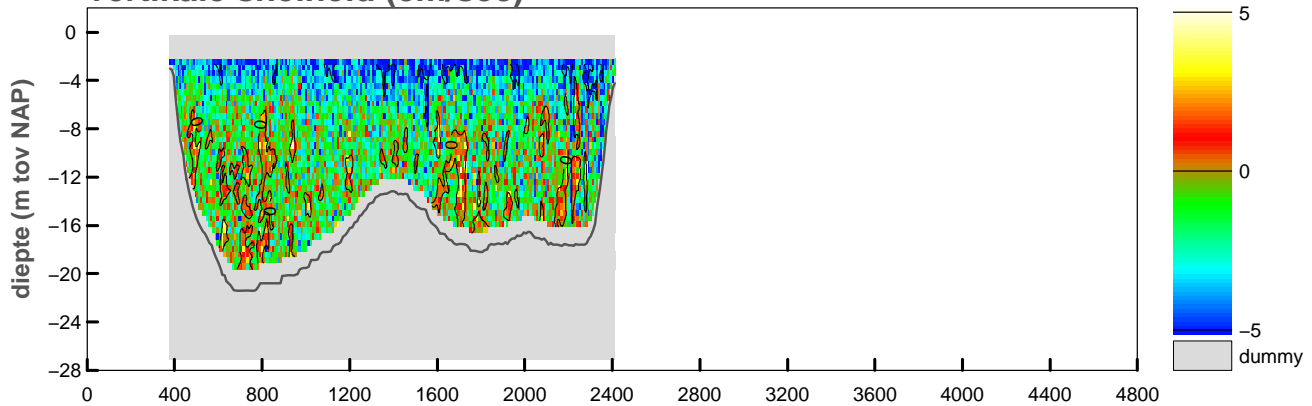
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1974 m

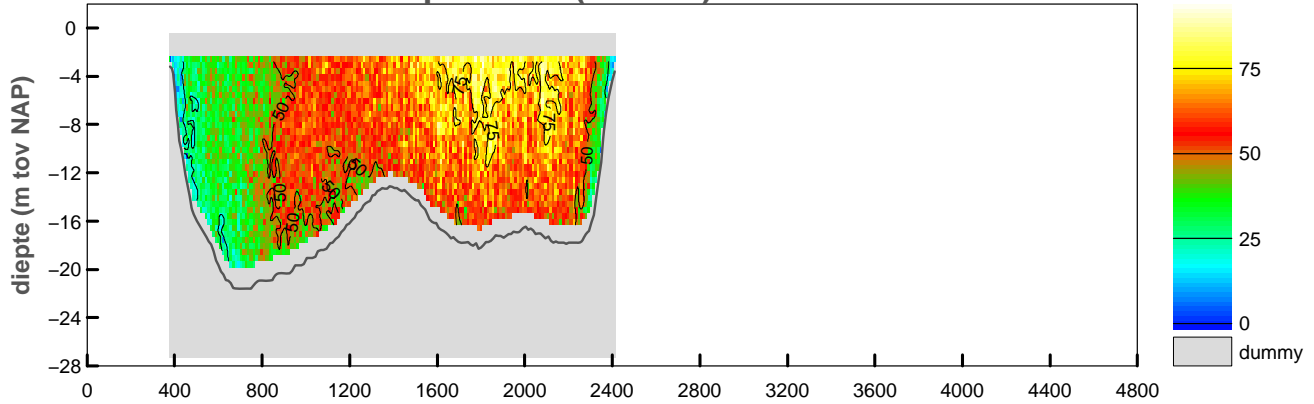
stroomsnelheid : 75 cm/sec

stroomrichting : 284°

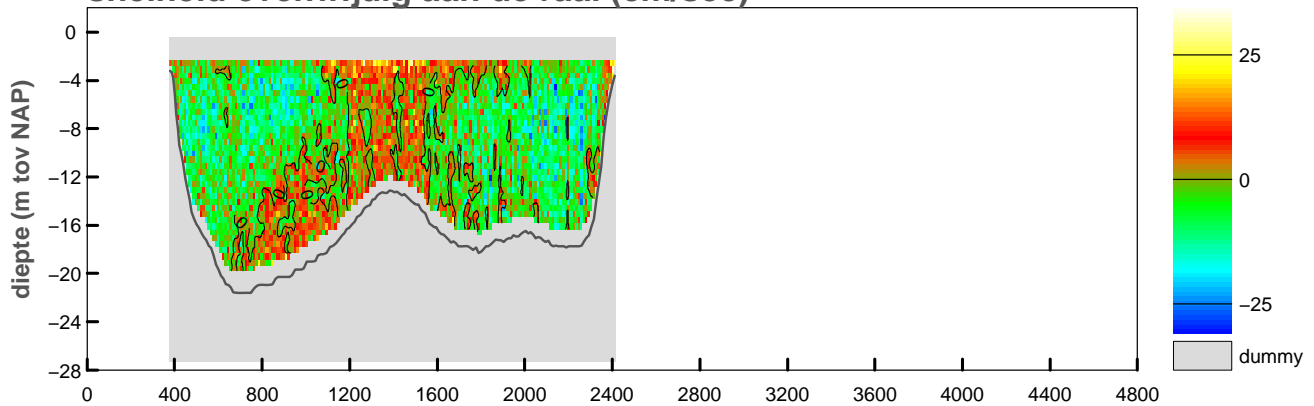
doorstroomoppervlak : -33392 m²

raaidebiet : 18360 m³/sec

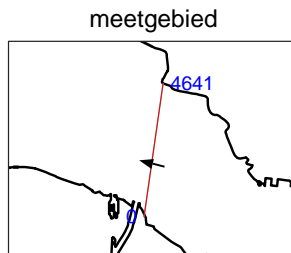
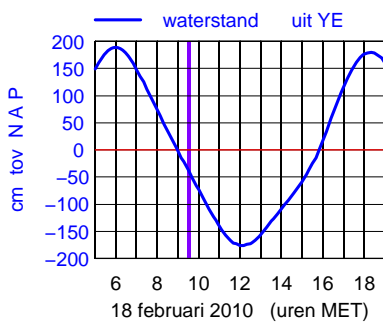
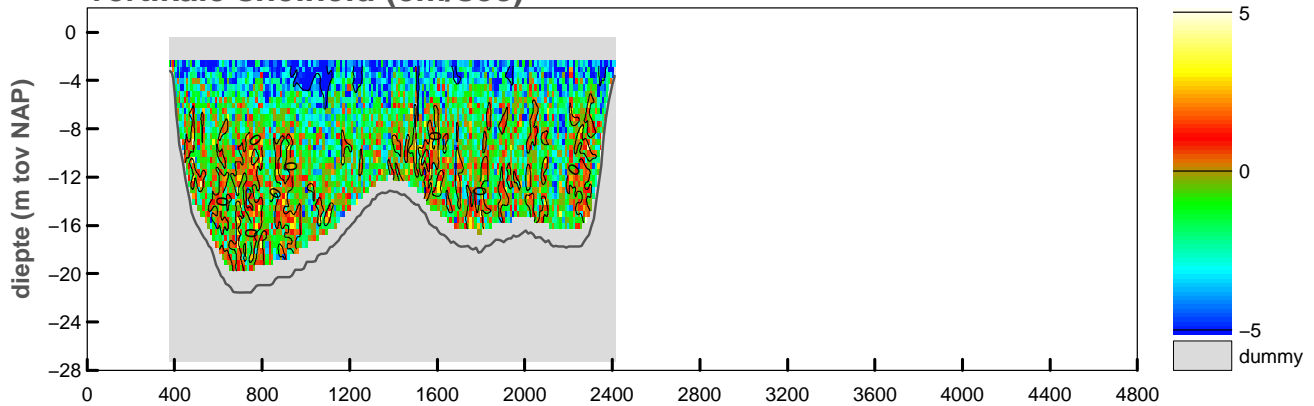
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1845 m

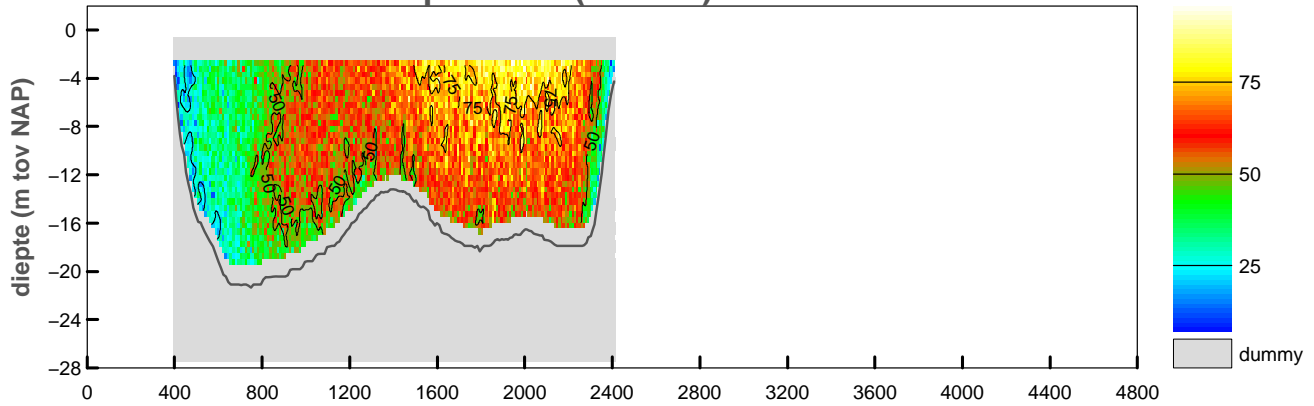
stroomsnelheid : 73 cm/sec

stroomrichting : 285°

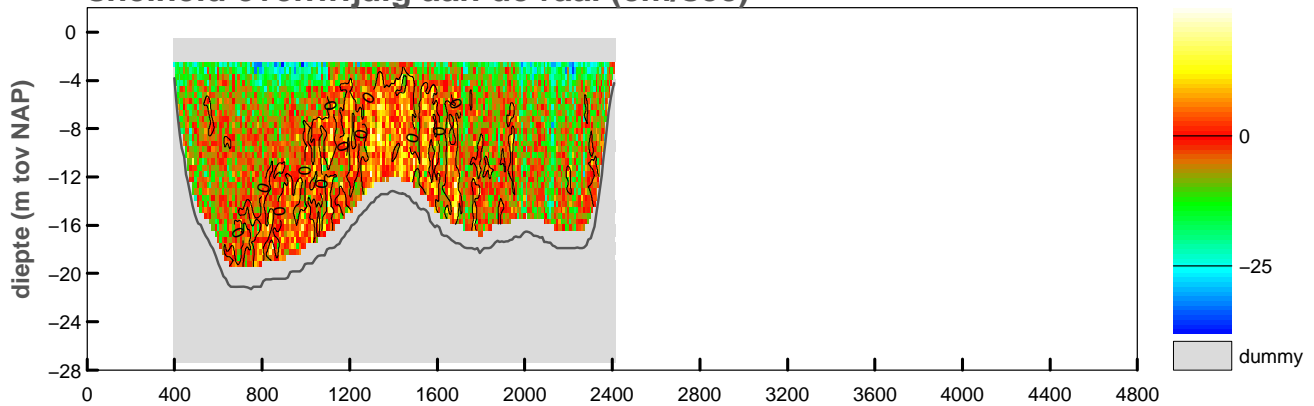
doorstroomoppervlak : -33072 m²

raaidebiet : 17558 m³/sec

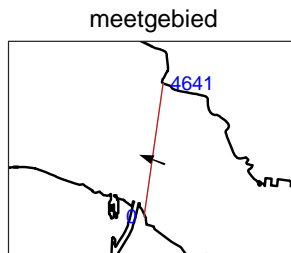
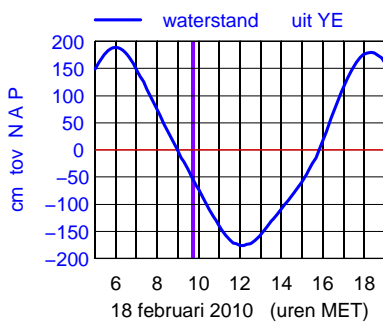
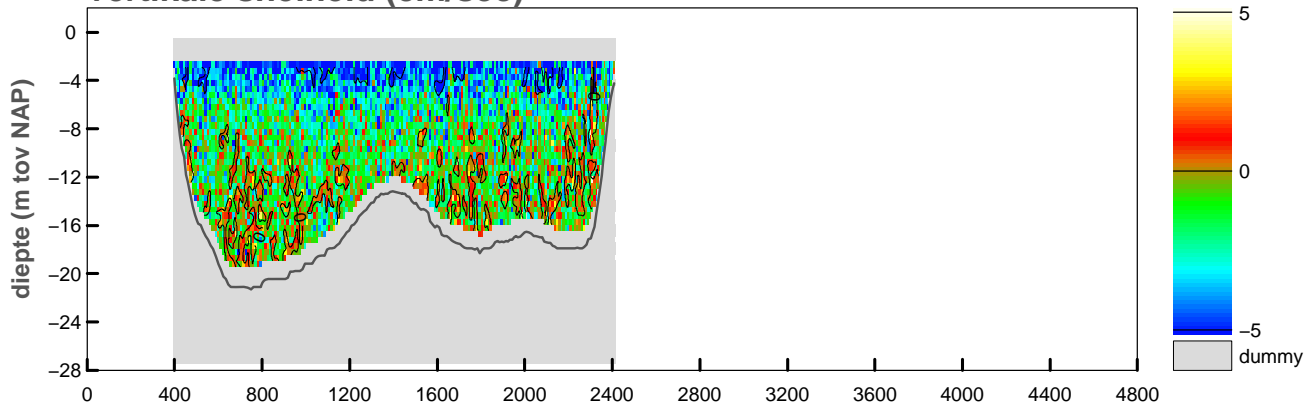
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1988 m

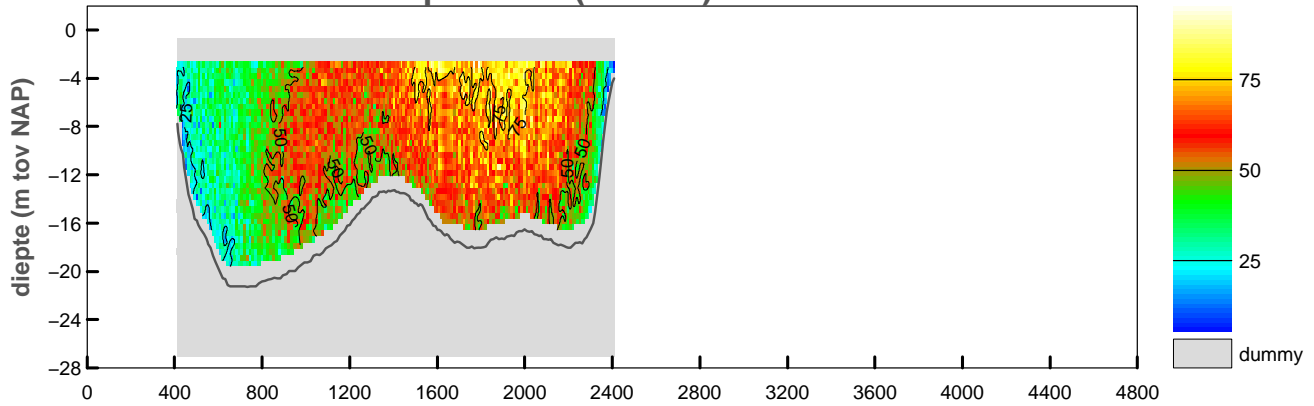
stroomsnelheid : 76 cm/sec

stroomrichting : 291°

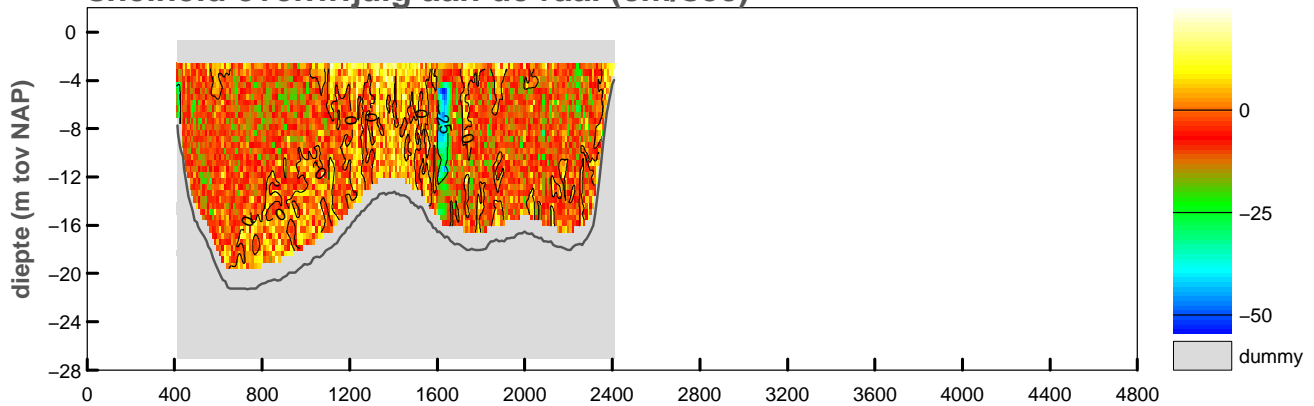
doorstroomoppervlak : -32695 m²

raaidebiet : 17569 m³/sec

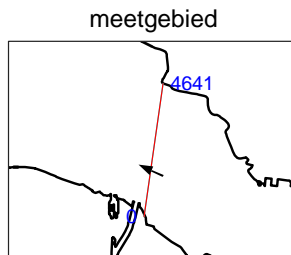
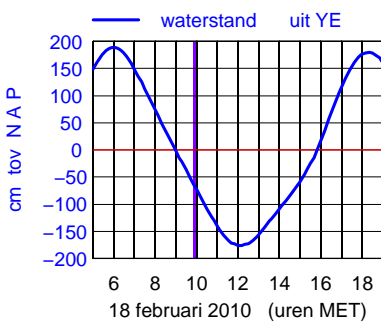
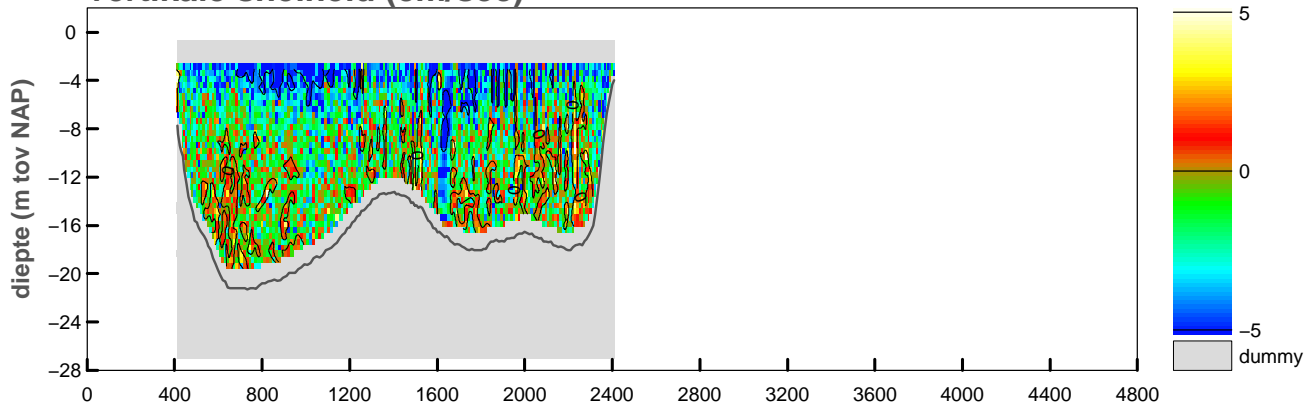
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 1608 m

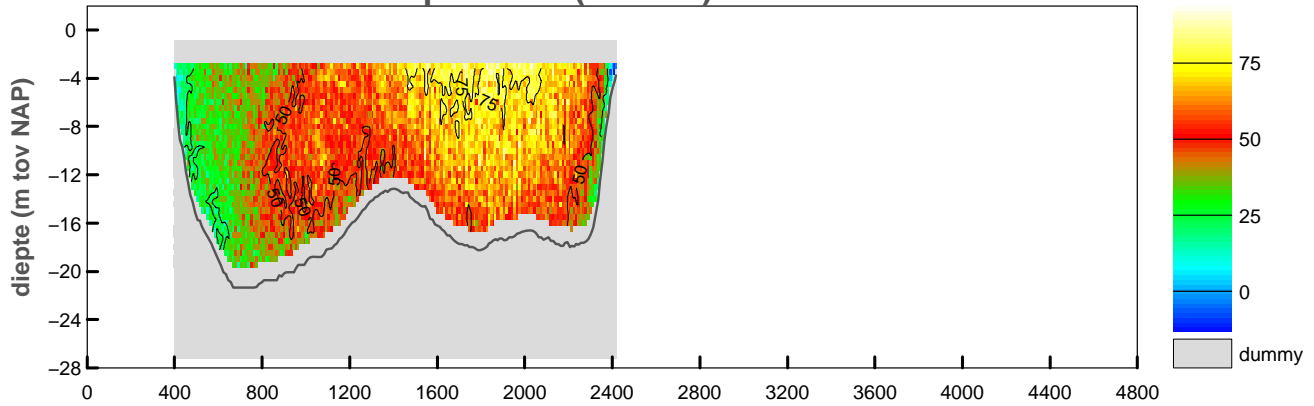
stroomsnelheid : 75 cm/sec

stroomrichting : 294°

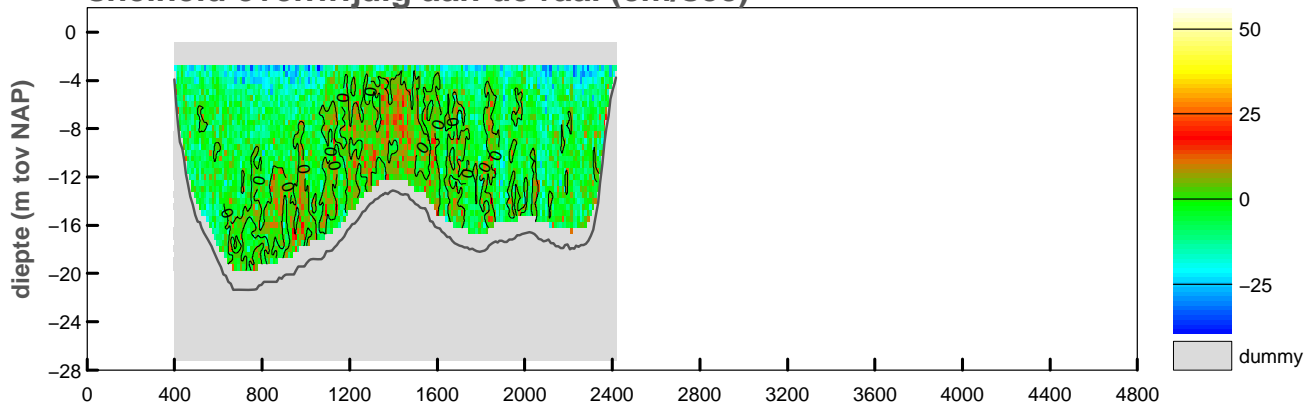
doorstroomoppervlak : -32334 m²

raaidebiet : 16713 m³/sec

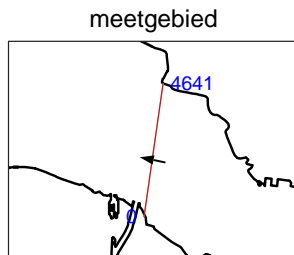
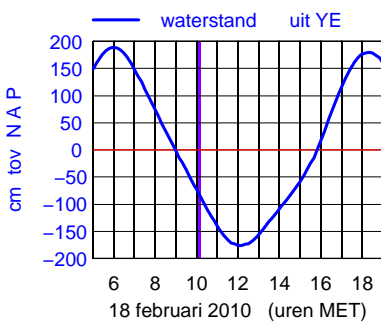
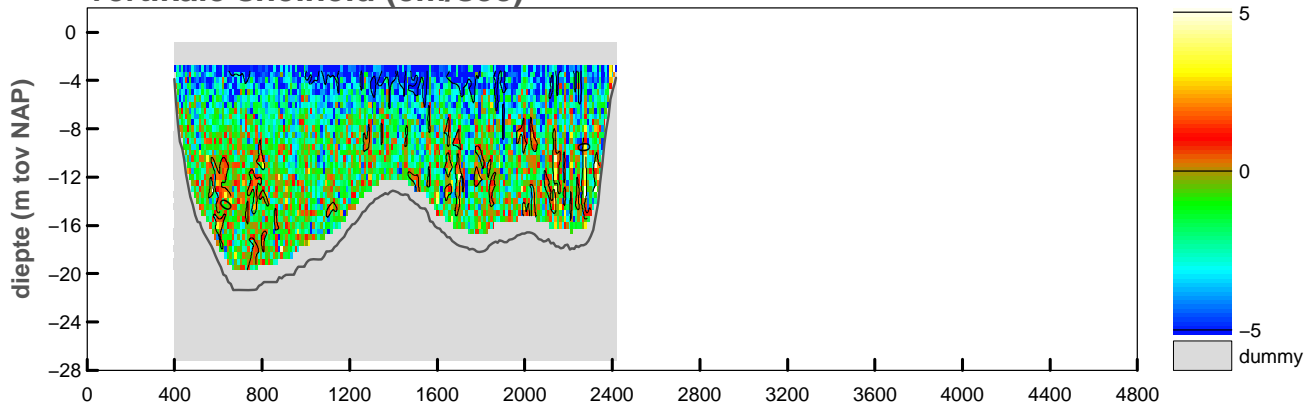
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

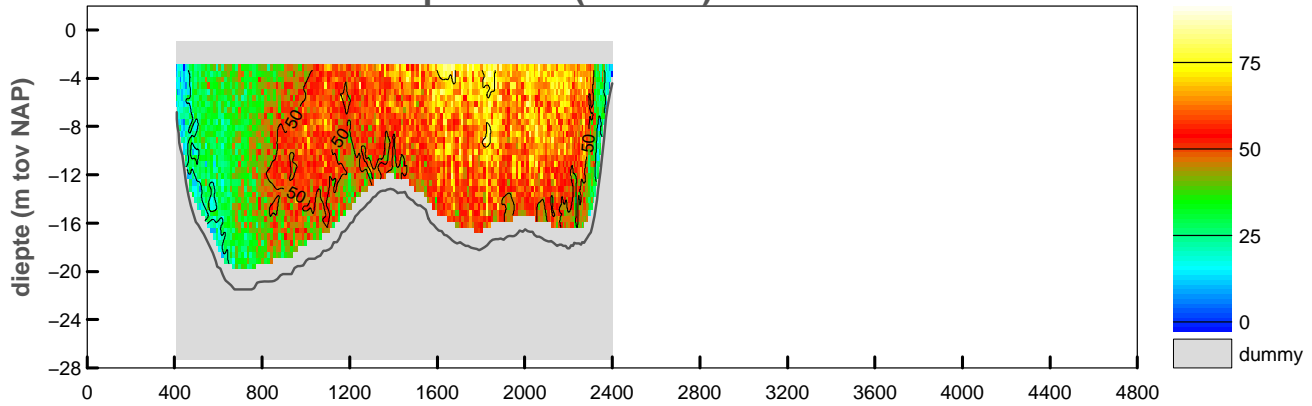


maximum gemiddelde stroom-
 snelheid in de vertikaal

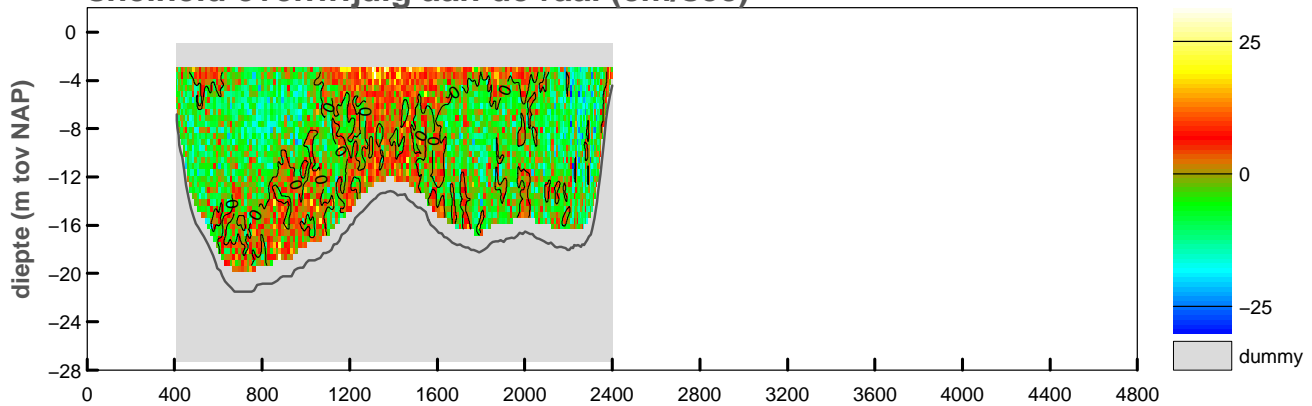
afstand uit nulpunt : 1977 m
 stroomsnelheid : 73 cm/sec
 stroomrichting : 282°

doorstroomoppervlak : -32152 m²
 raaidebiet : 16637 m³/sec

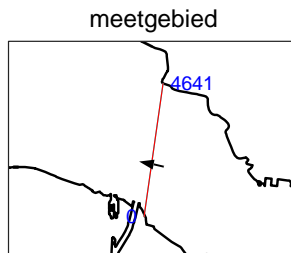
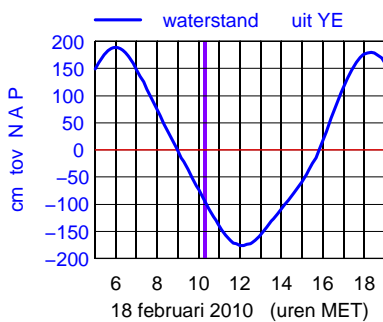
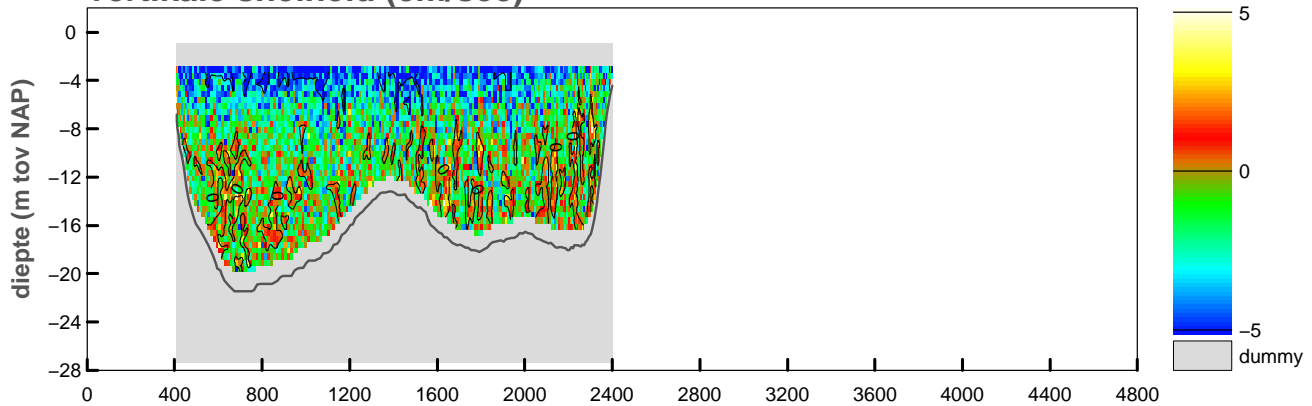
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1828 m

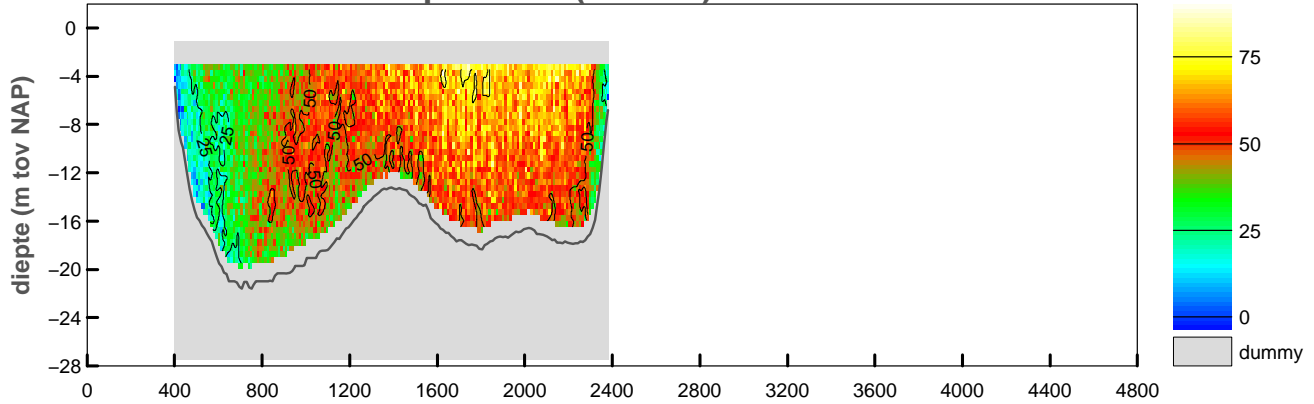
stroomsnelheid : 69 cm/sec

stroomrichting : 282°

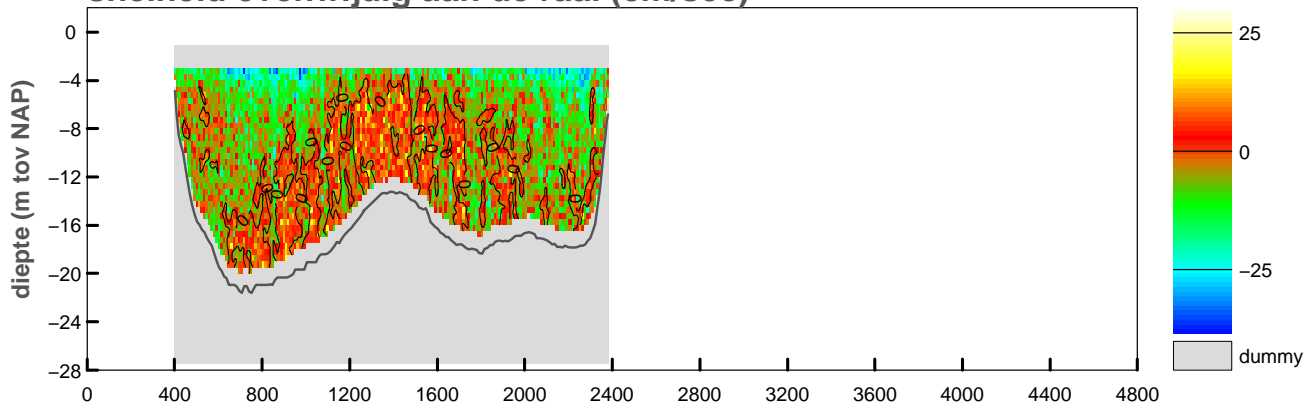
doorstroomoppervlak : -31897 m²

raaidebiet : 15732 m³/sec

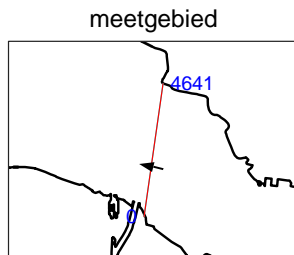
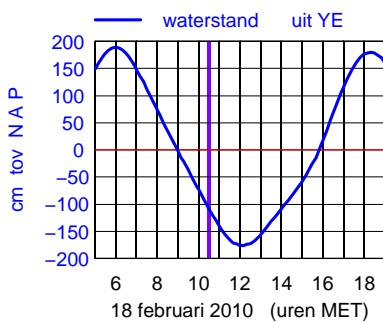
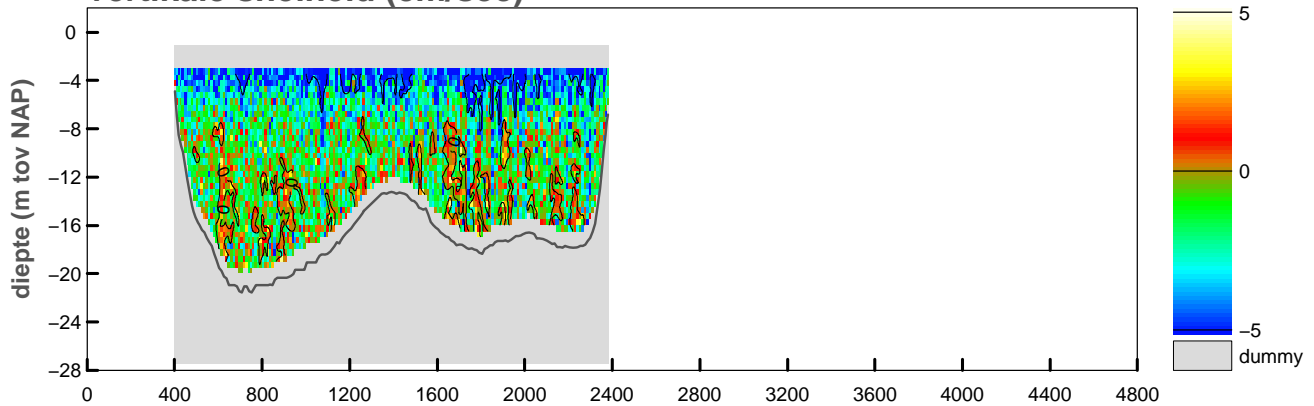
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

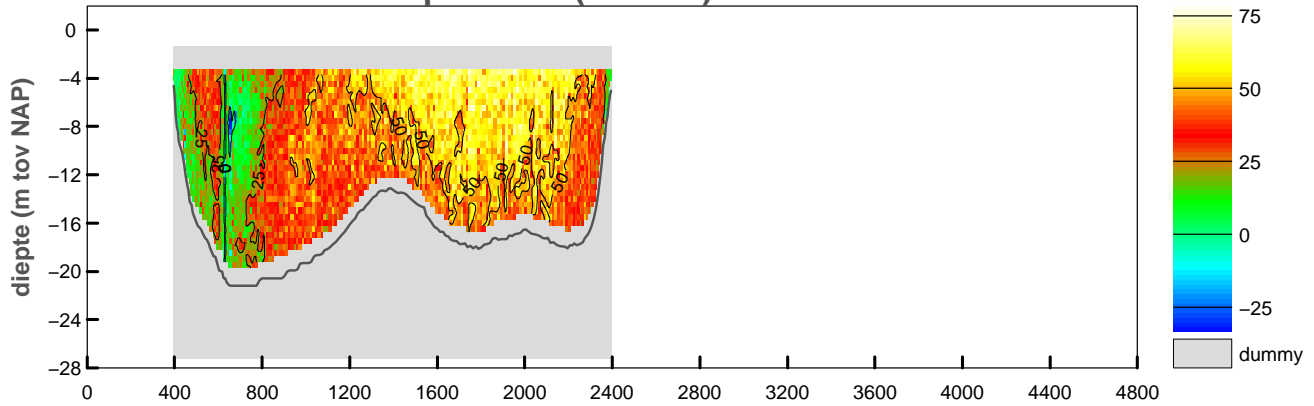


maximum gemiddelde stroom-
snelheid in de vertikaal

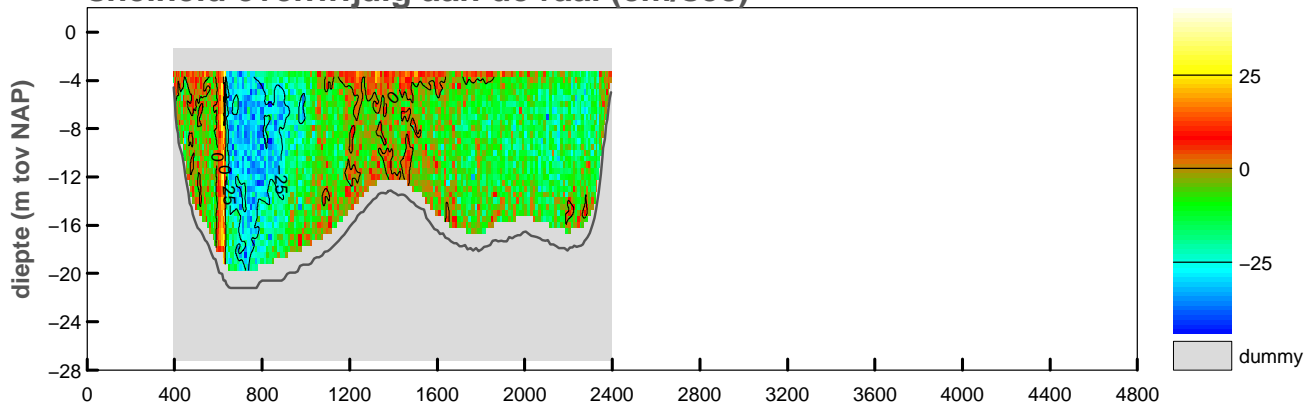
afstand uit nulpunt : 1745 m
stroomsnelheid : 68 cm/sec
stroomrichting : 283°

doorstroomoppervlak : -31525 m²
raaidebiet : 15313 m³/sec

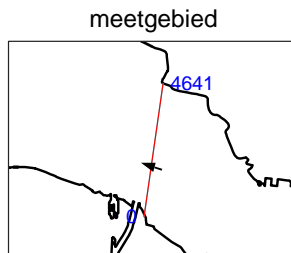
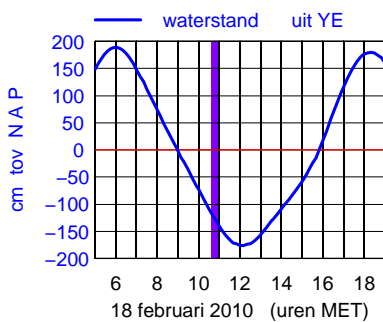
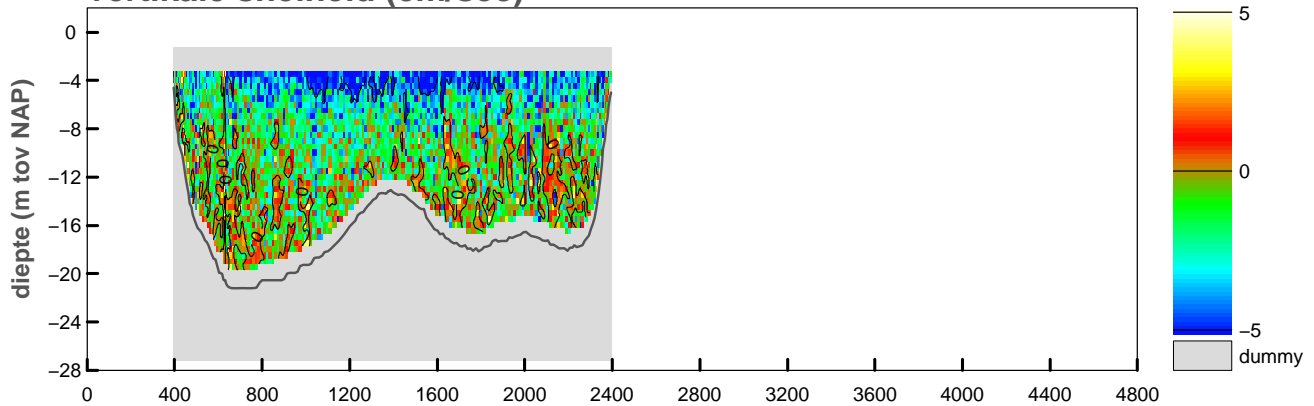
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1751 m

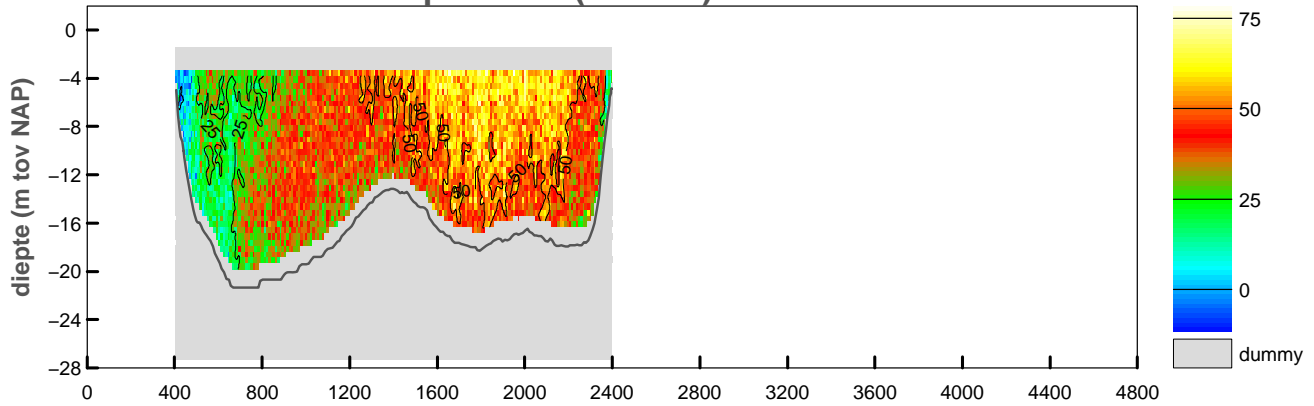
stroomsnelheid : 62 cm/sec

stroomrichting : 288°

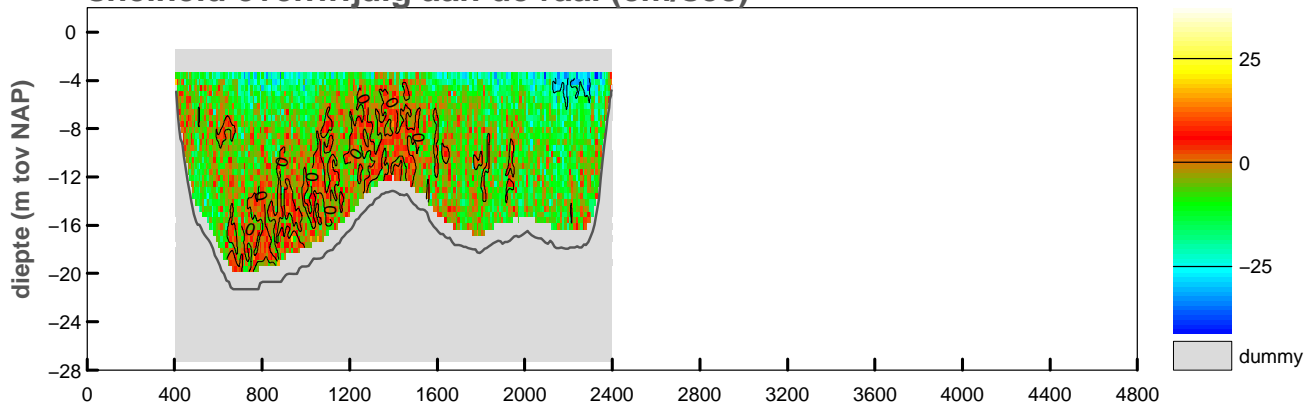
doorstroomoppervlak : -31160 m²

raaidebiet : 12539 m³/sec

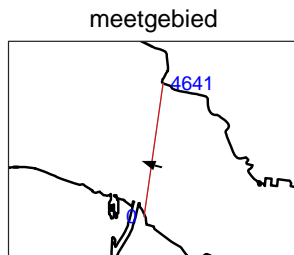
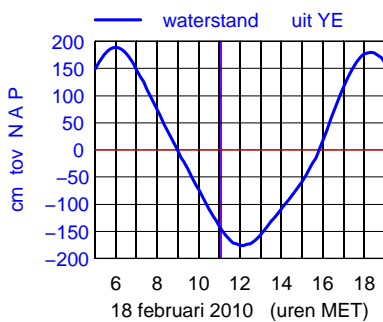
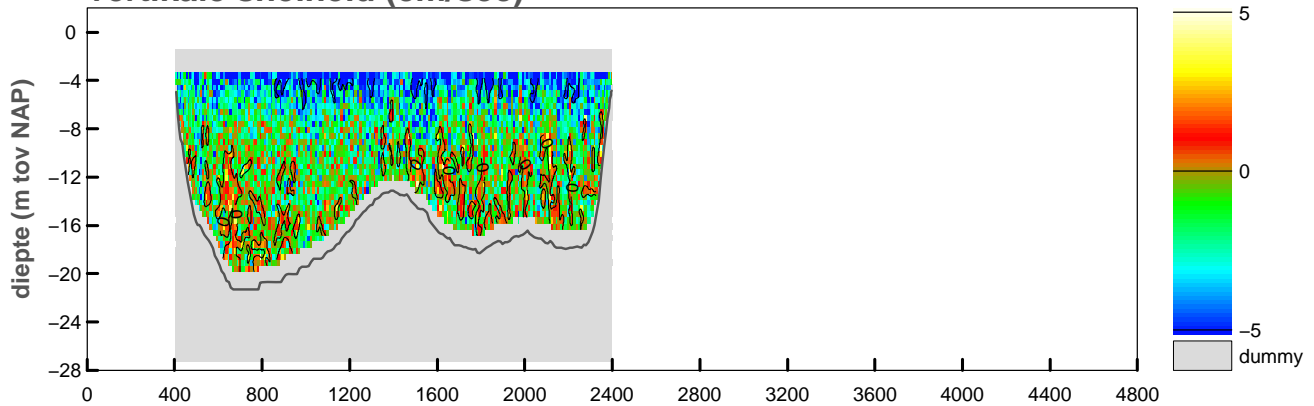
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

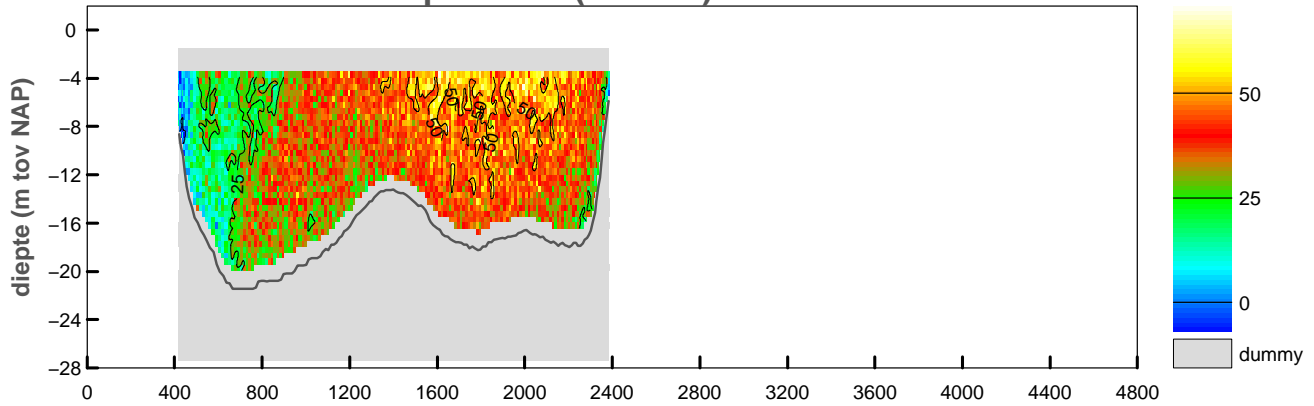


maximum gemiddelde stroom-
 snelheid in de vertikaal

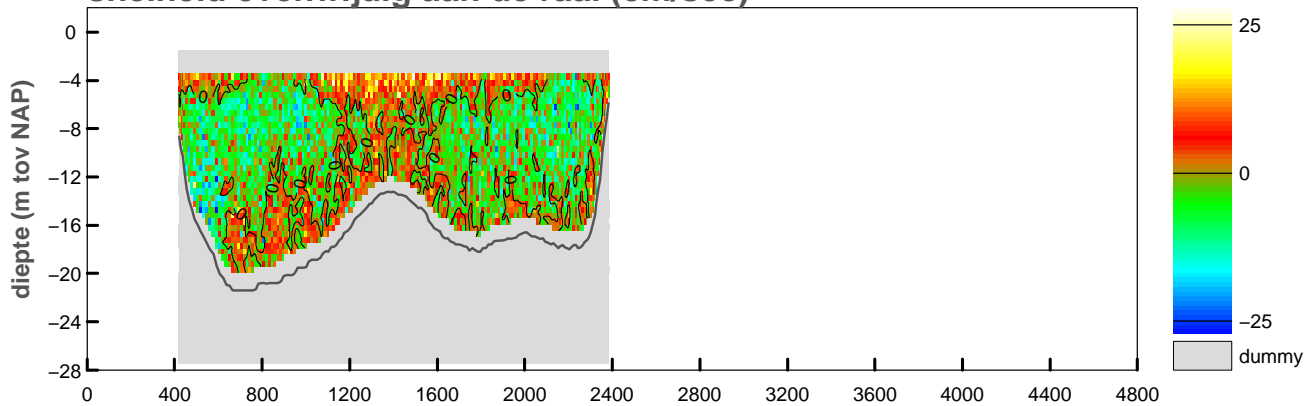
afstand uit nulpunt : 1826 m
 stroomsnelheid : 60 cm/sec
 stroomrichting : 288°

doorstroomoppervlak : -30912 m²
 raaidebiet : 12420 m³/sec

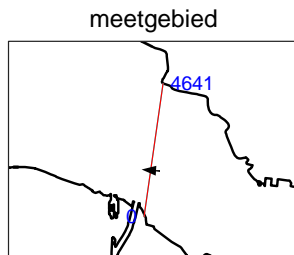
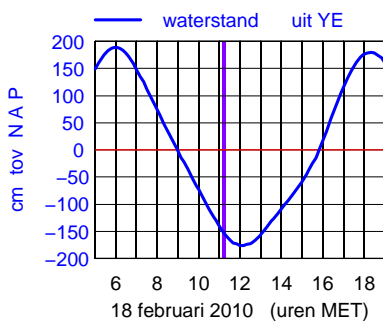
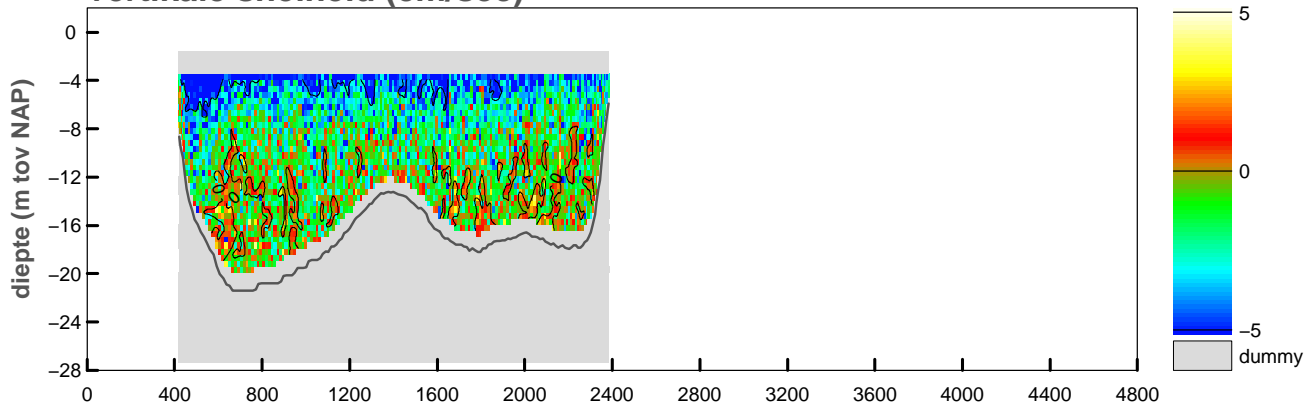
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 1611 m

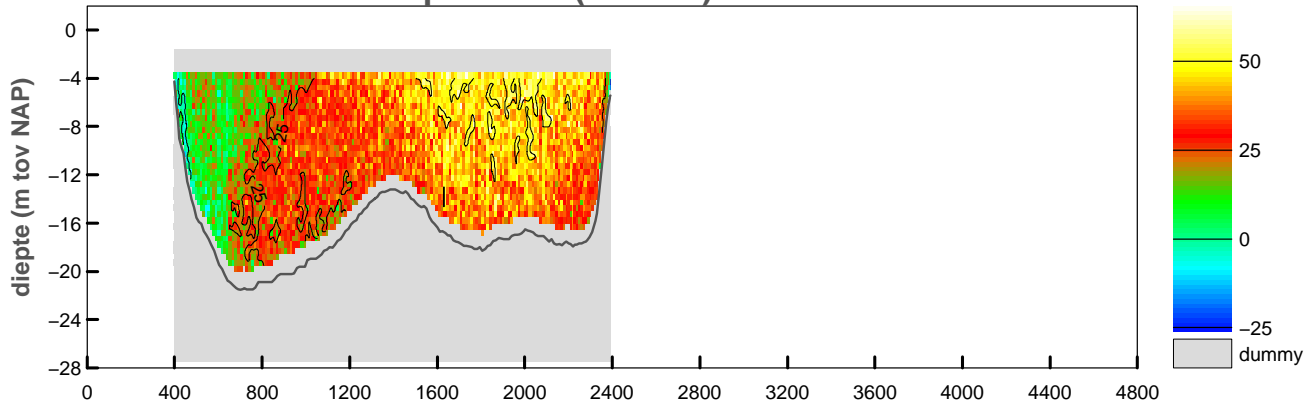
stroomsnelheid : 51 cm/sec

stroomrichting : 274°

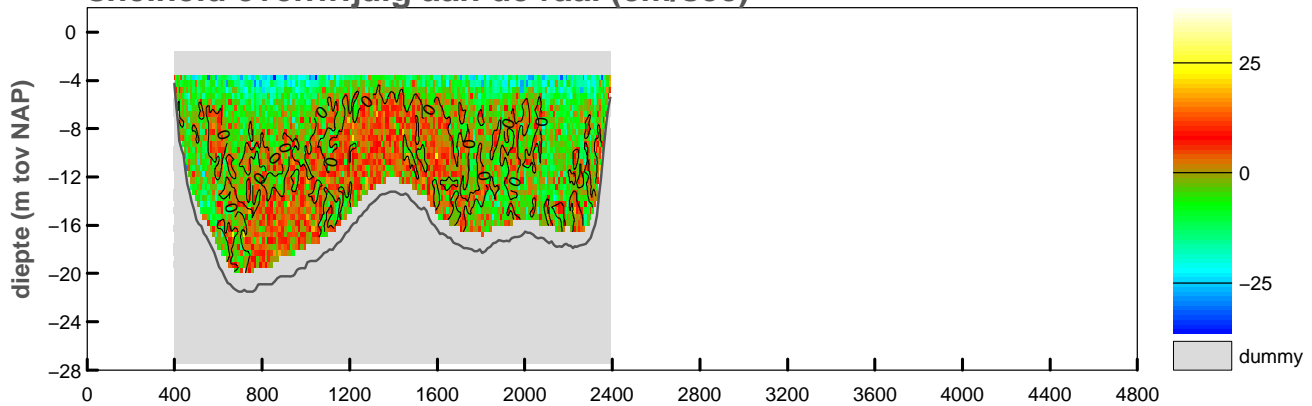
doorstroomoppervlak : -30578 m²

raaidebiet : 10884 m³/sec

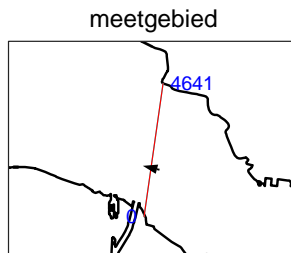
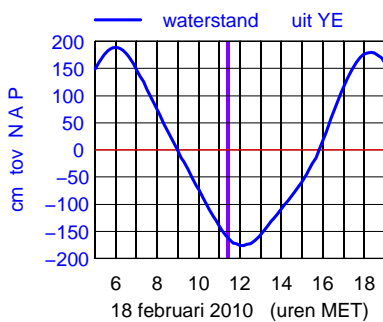
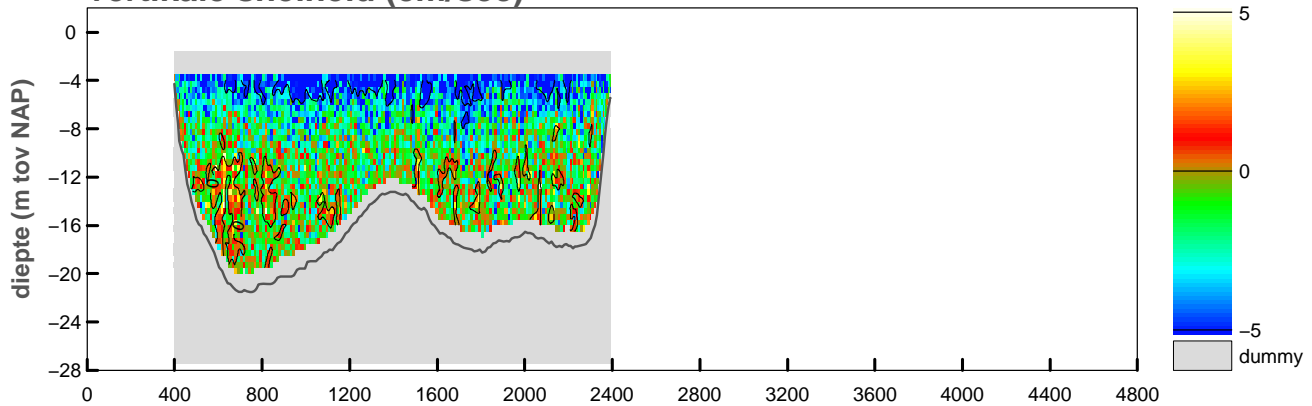
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1697 m

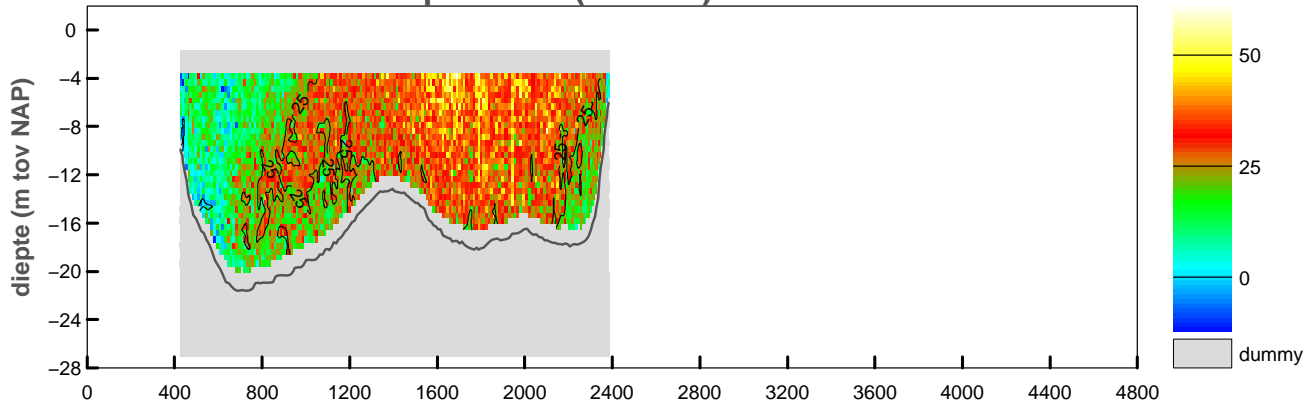
stroomsnelheid : 48 cm/sec

stroomrichting : 282°

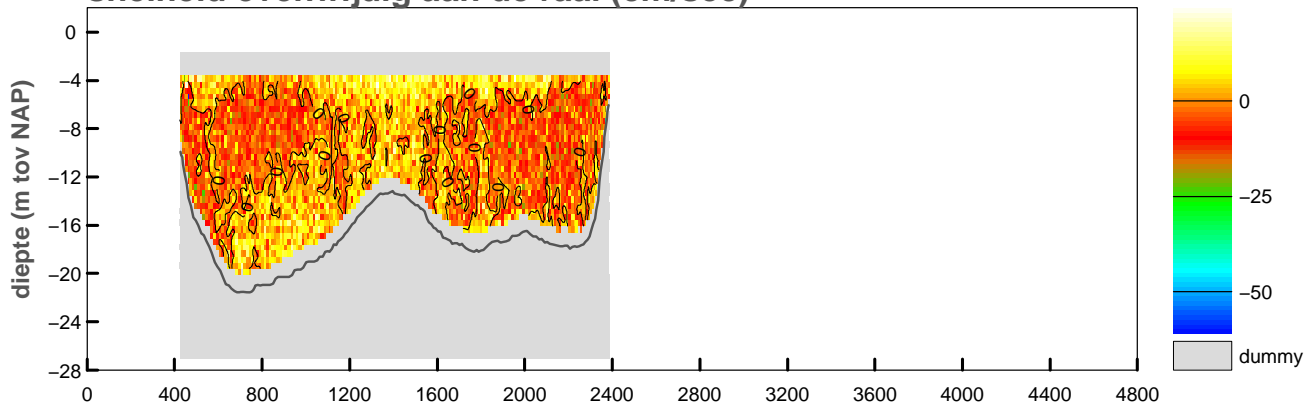
doorstroomoppervlak : -30528 m²

raaidebiet : 9627 m³/sec

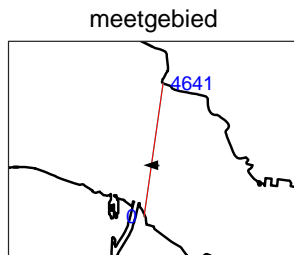
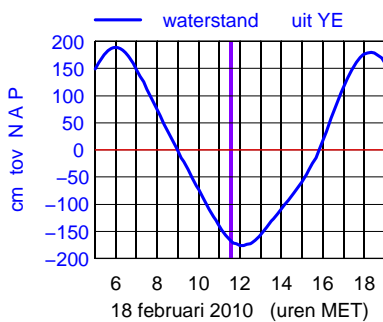
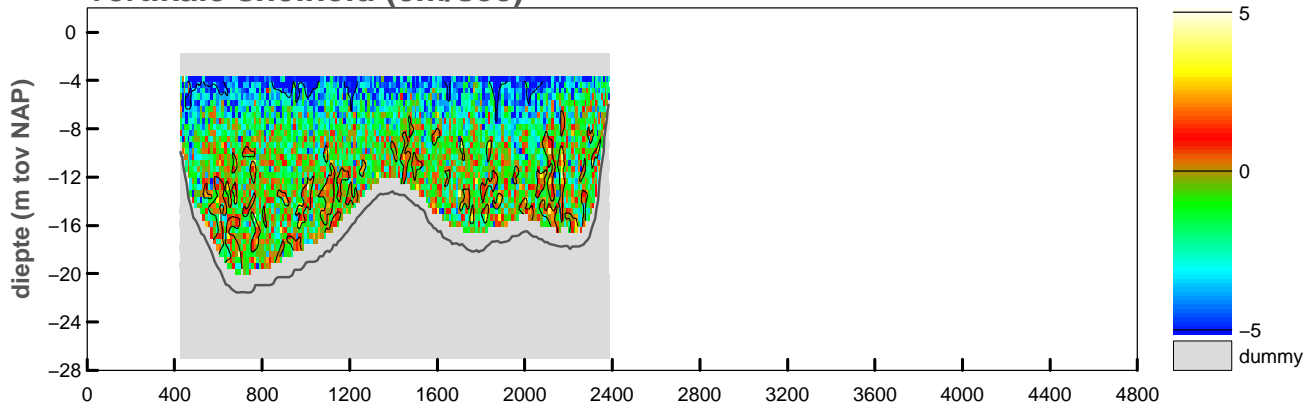
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1790 m

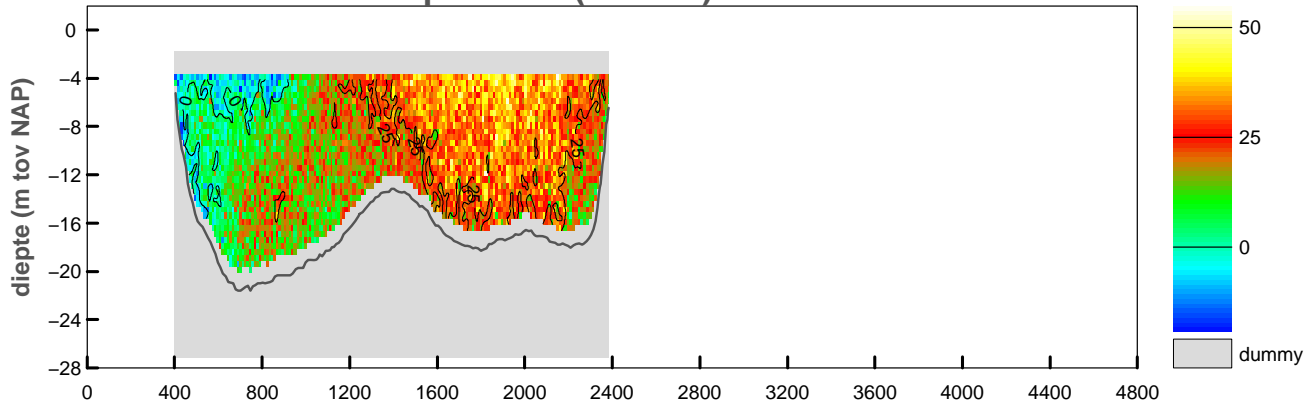
stroomsnelheid : 44 cm/sec

stroomrichting : 271°

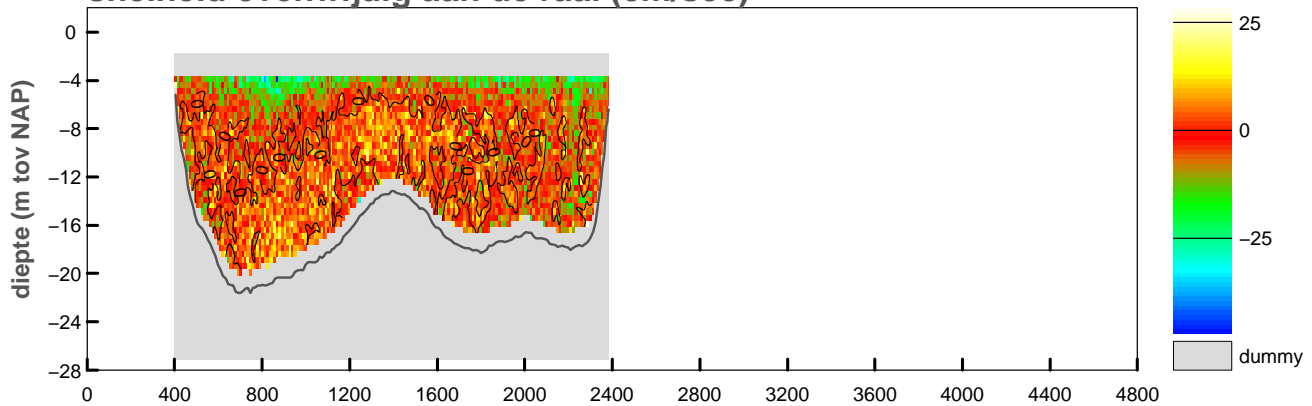
doorstroomoppervlak : -30278 m²

raaidebiet : 7606 m³/sec

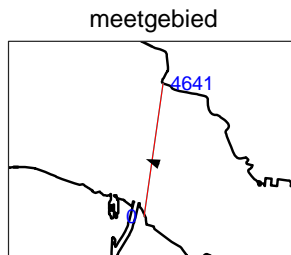
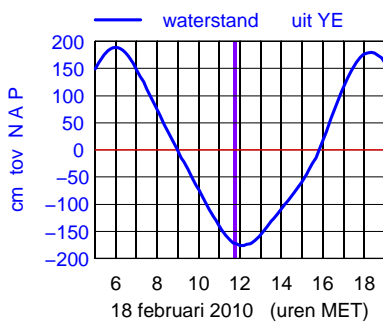
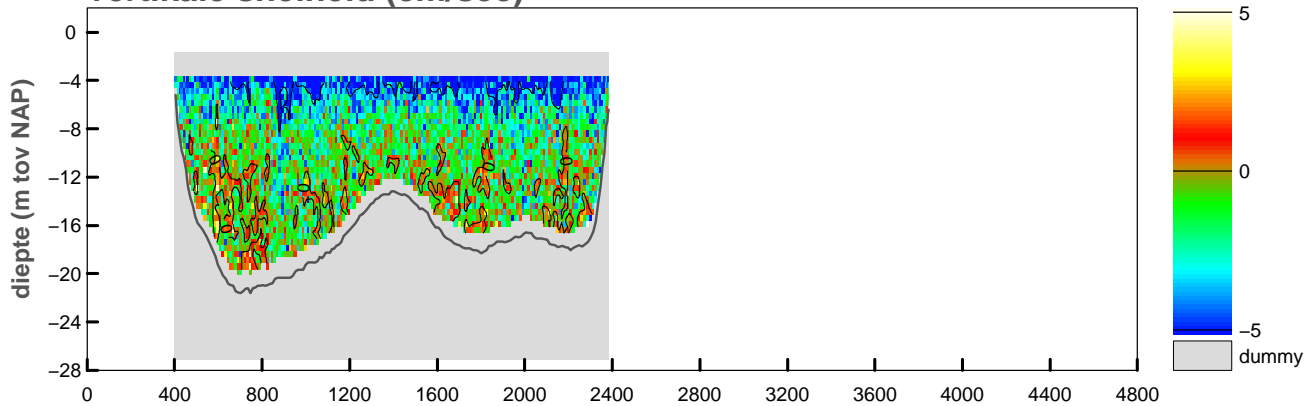
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 1922 m

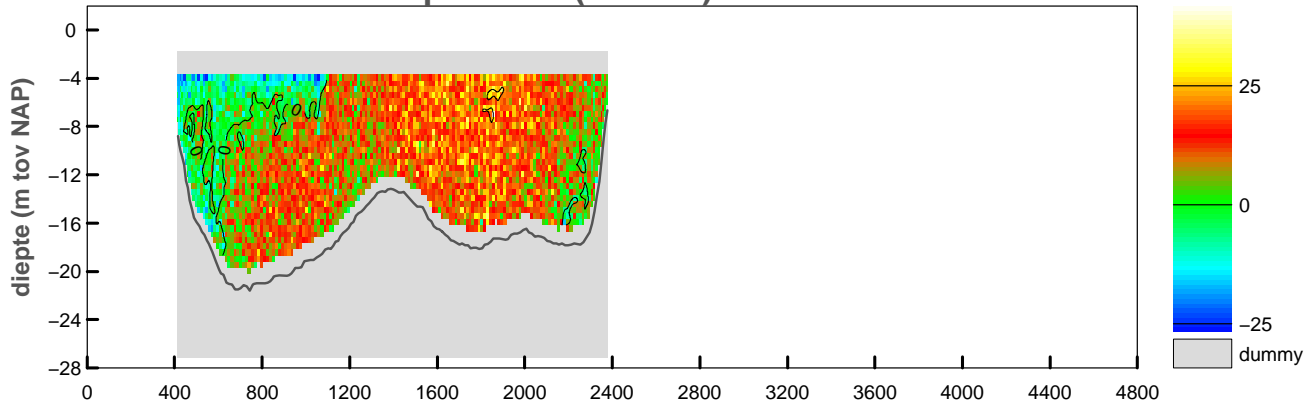
stroomsnelheid : 38 cm/sec

stroomrichting : 291°

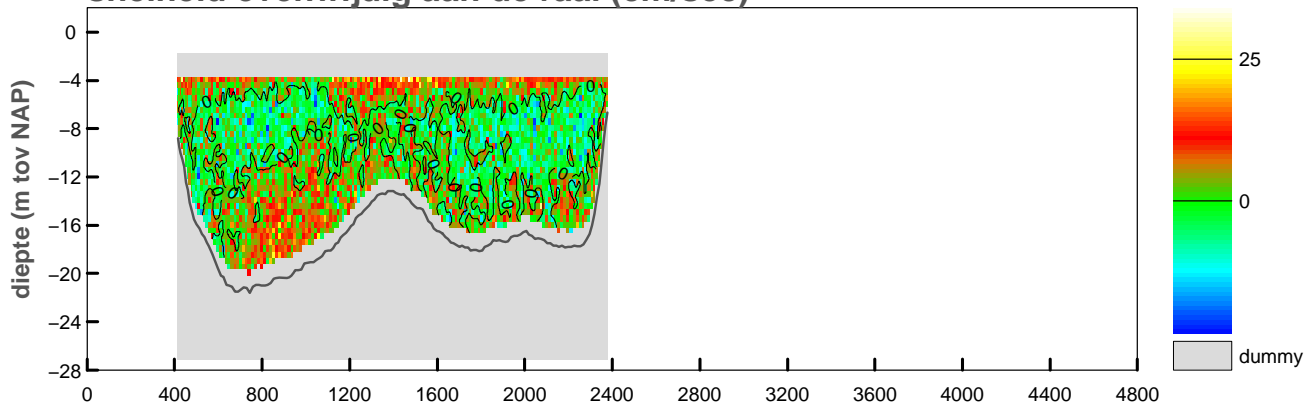
doorstroomoppervlak : -30313 m²

raaidebiet : 5890 m³/sec

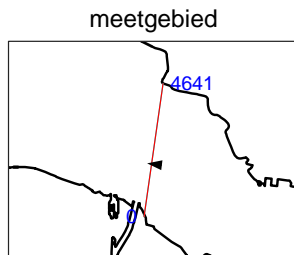
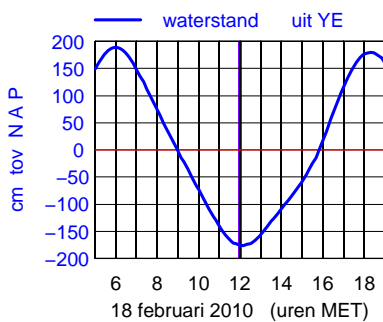
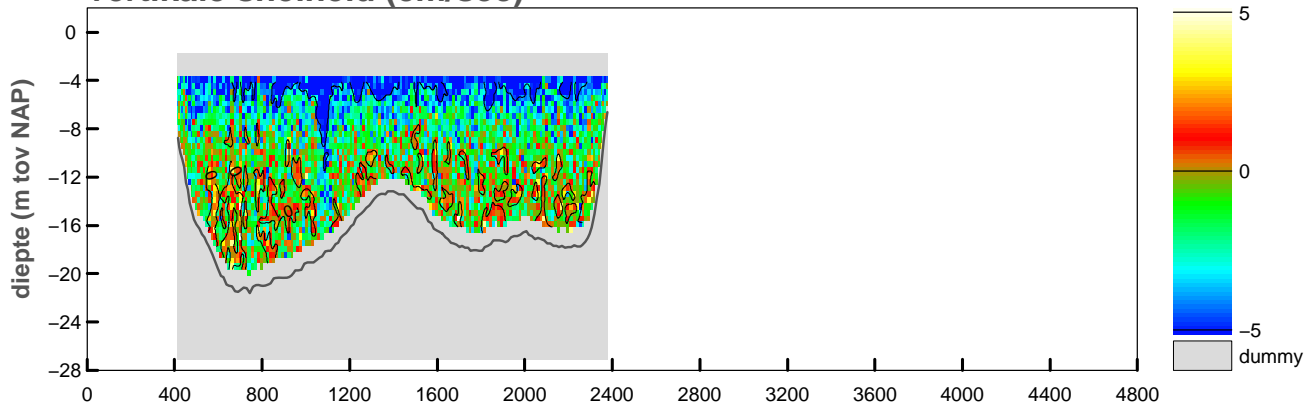
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

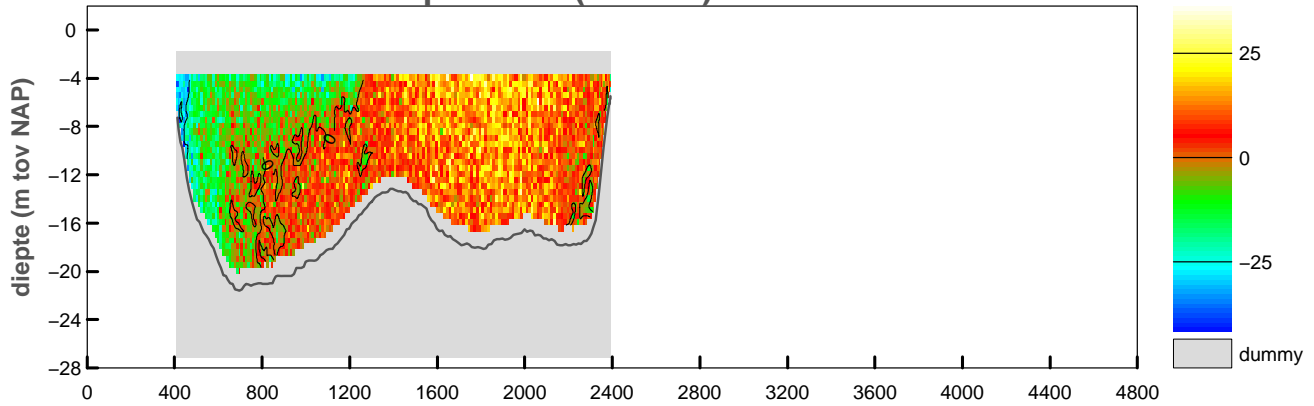


maximum gemiddelde stroom-
 snelheid in de vertikaal

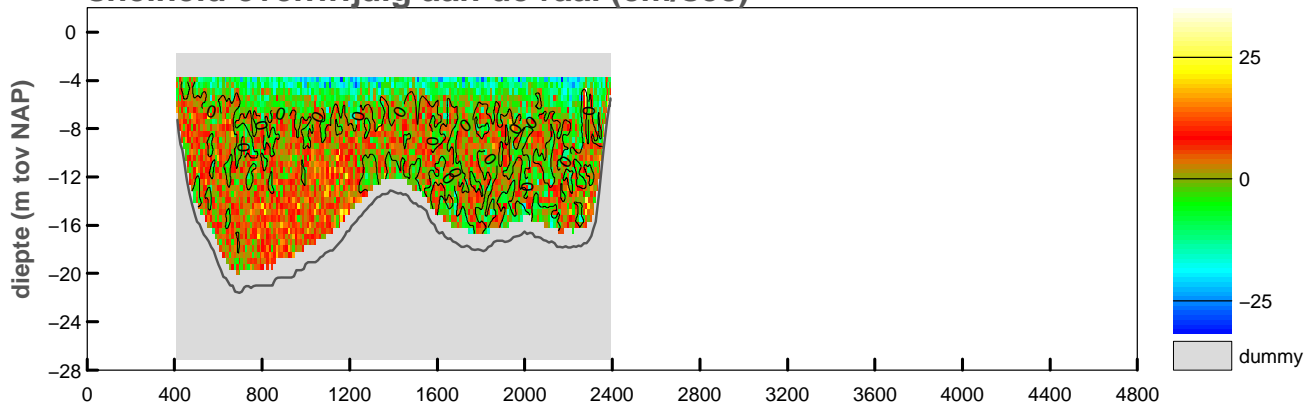
afstand uit nulpunt : 1831 m
 stroomsnelheid : 24 cm/sec
 stroomrichting : 277°

doorstroomoppervlak : -30145 m²
 raaidebiet : 2702 m³/sec

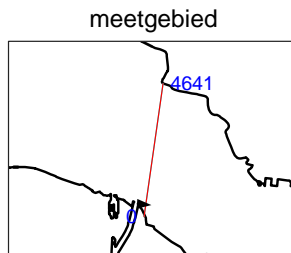
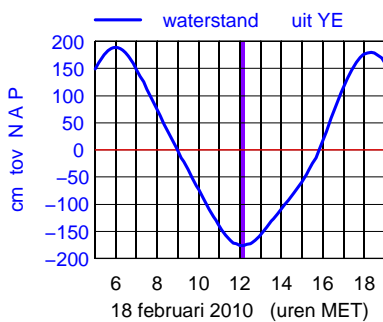
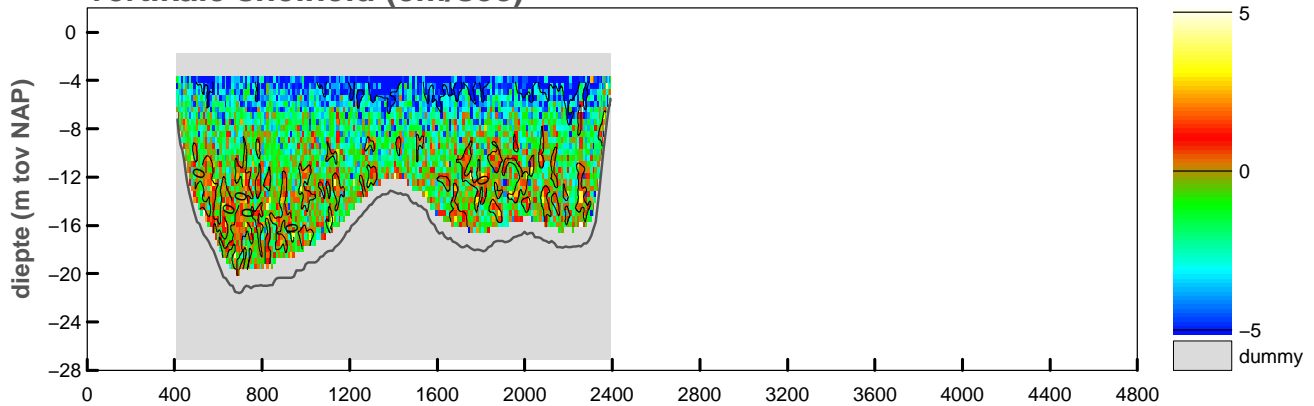
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

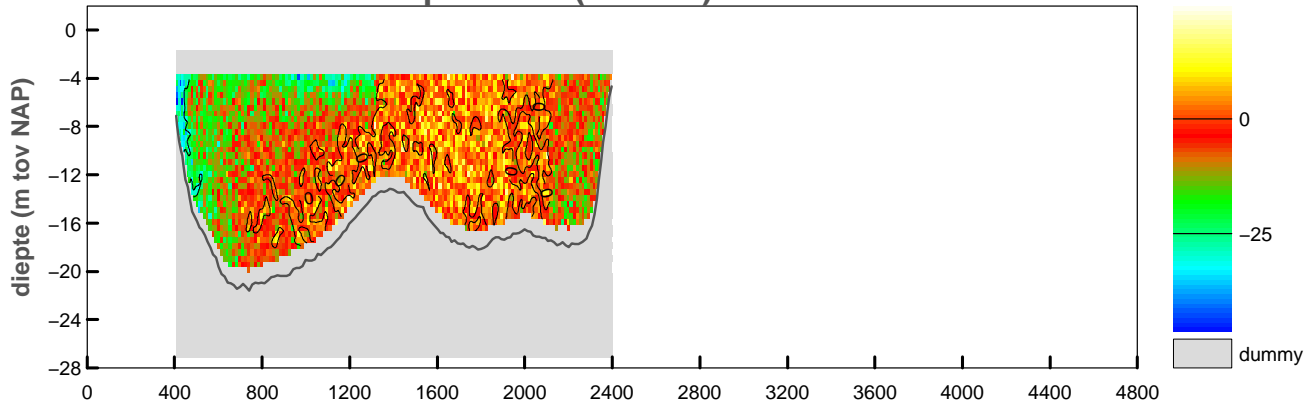


maximum gemiddelde stroom-
snelheid in de vertikaal

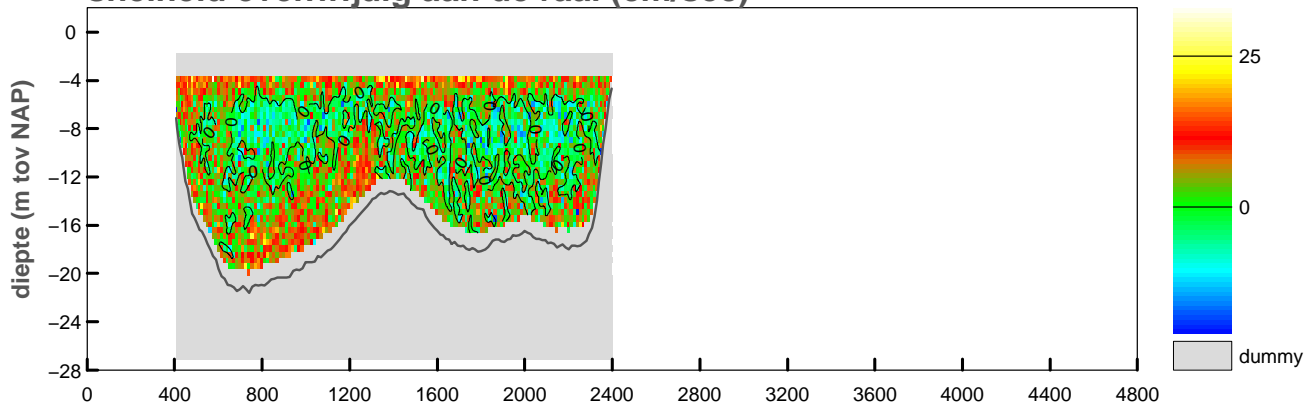
afstand uit nulpunt : 419 m
stroomsnelheid : 30 cm/sec
stroomrichting : 94°

doorstroomoppervlak : -30203 m²
raaidebiet : 929 m³/sec

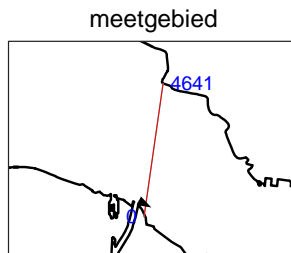
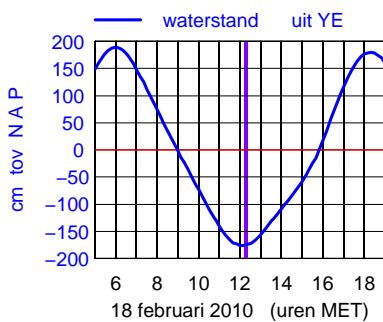
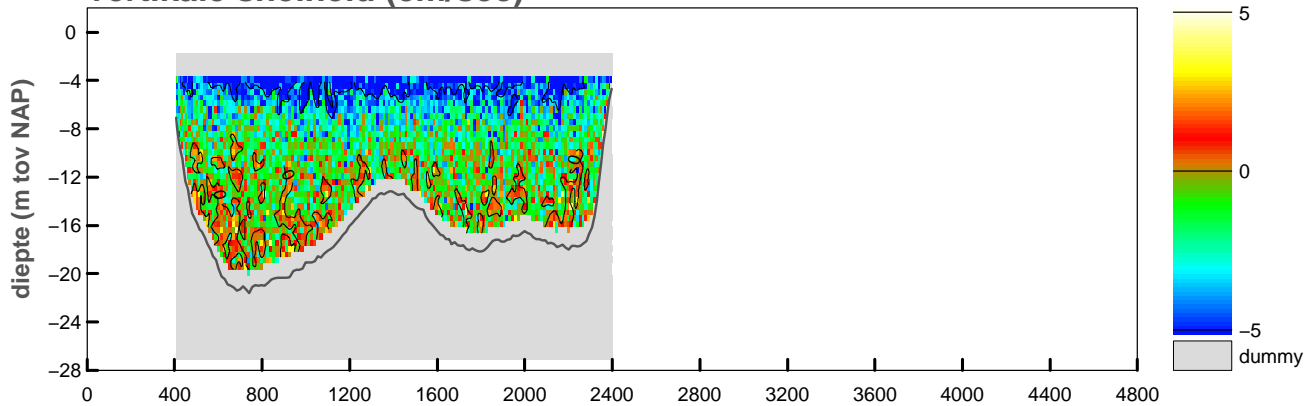
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

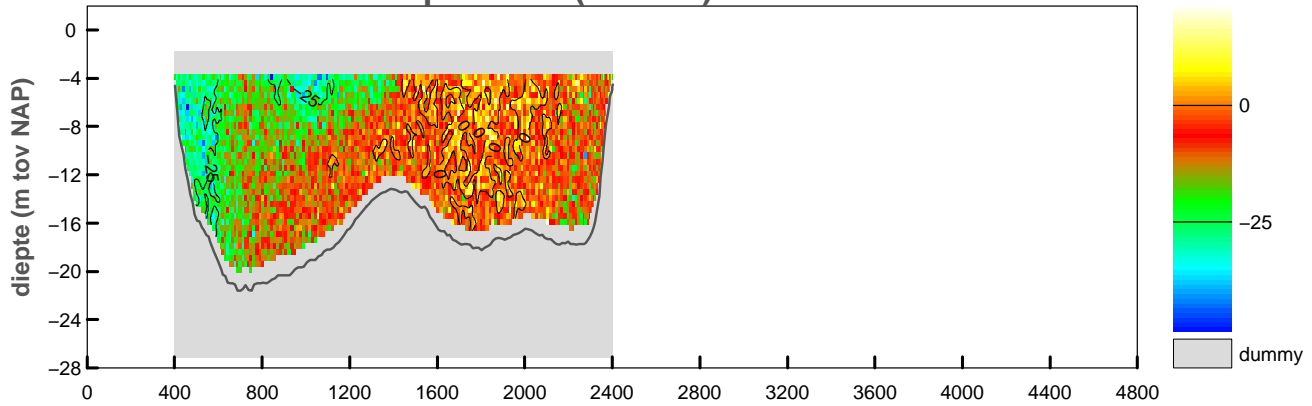


maximum gemiddelde stroom-
snelheid in de vertikaal

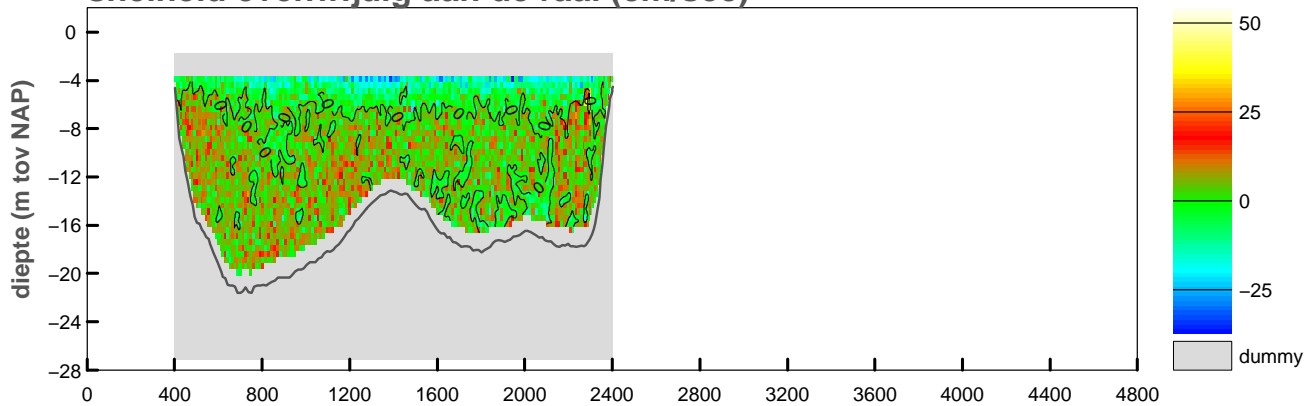
afstand uit nulpunt : 417 m
stroomsnelheid : 34 cm/sec
stroomrichting : 117°

doorstroomoppervlak : -30218 m²
raaidebiet : -1527 m³/sec

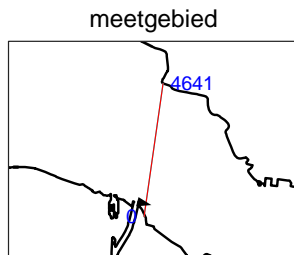
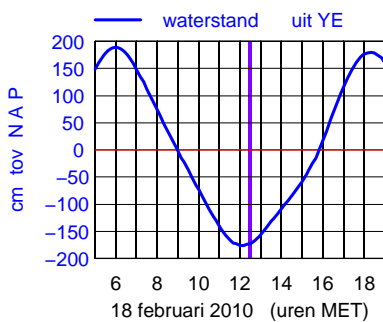
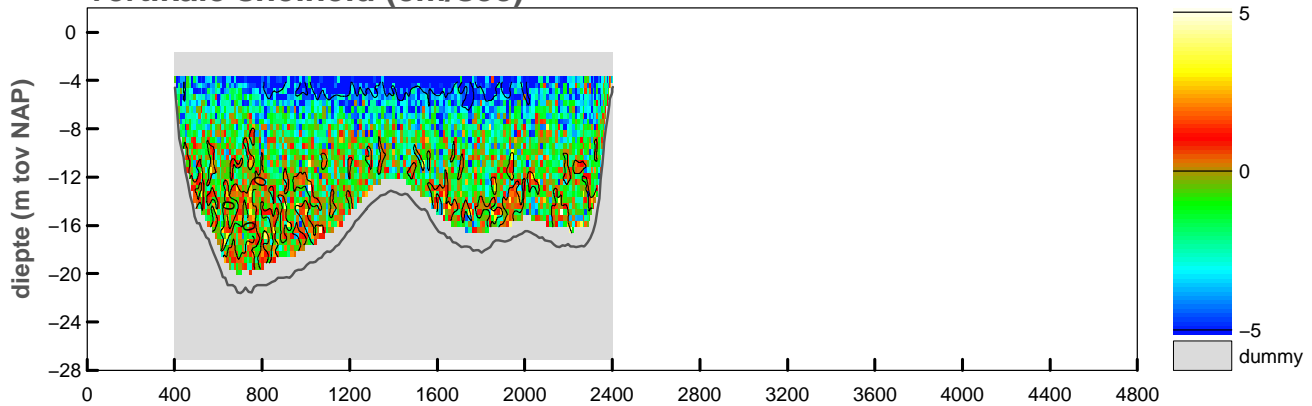
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

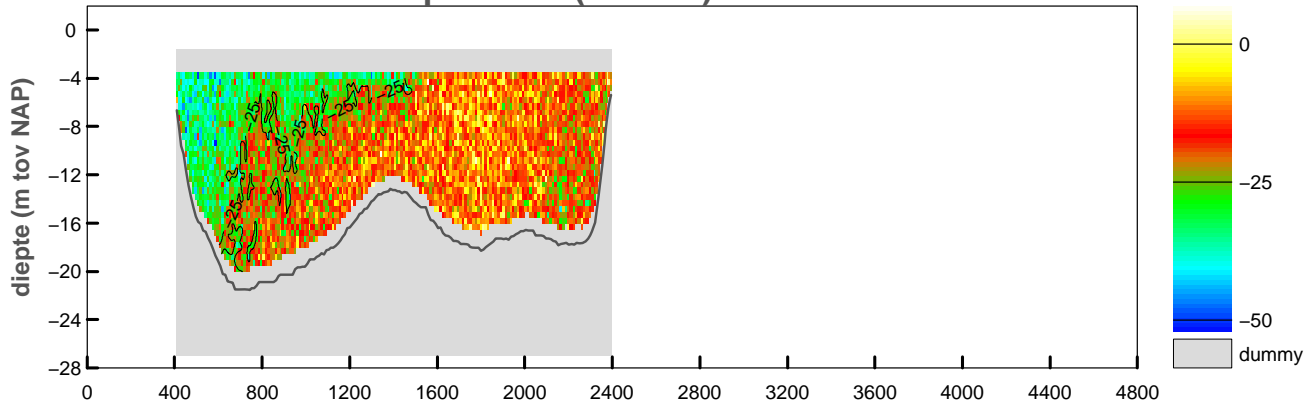


maximum gemiddelde stroom-
 snelheid in de vertikaal

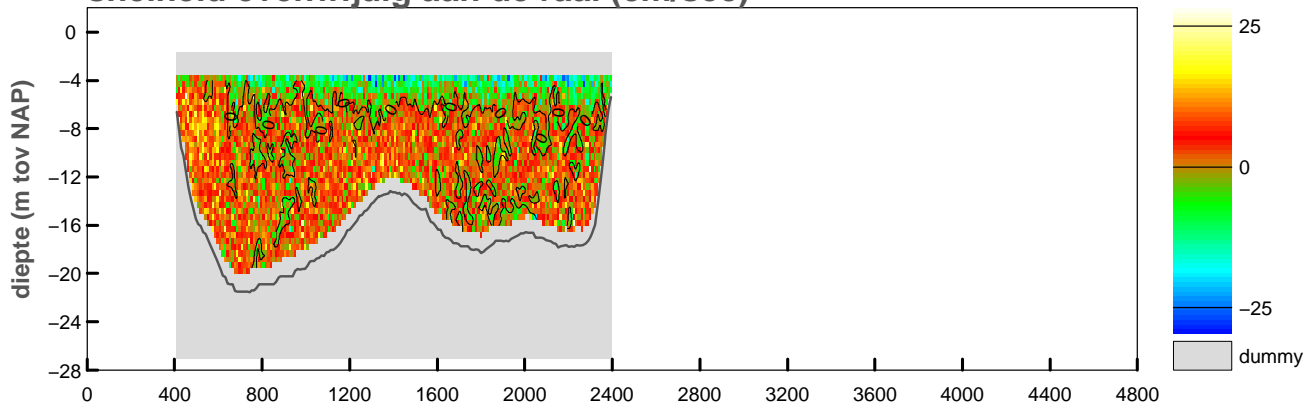
afstand uit nulpunt : 450 m
 stroomsnelheid : 31 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -30318 m²
 raaidebiet : -3081 m³/sec

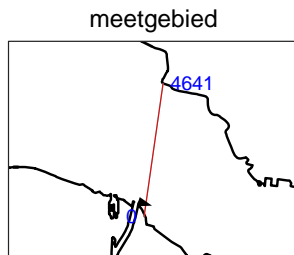
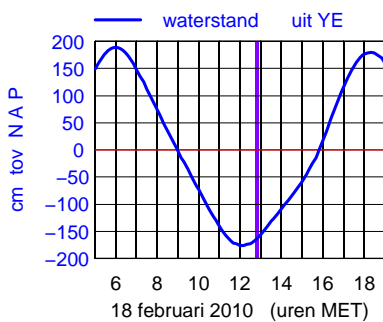
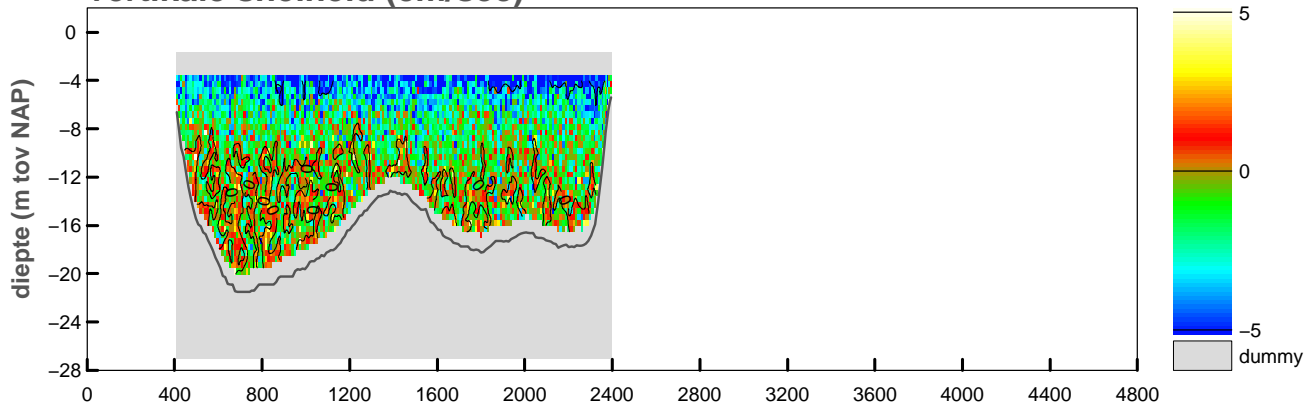
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

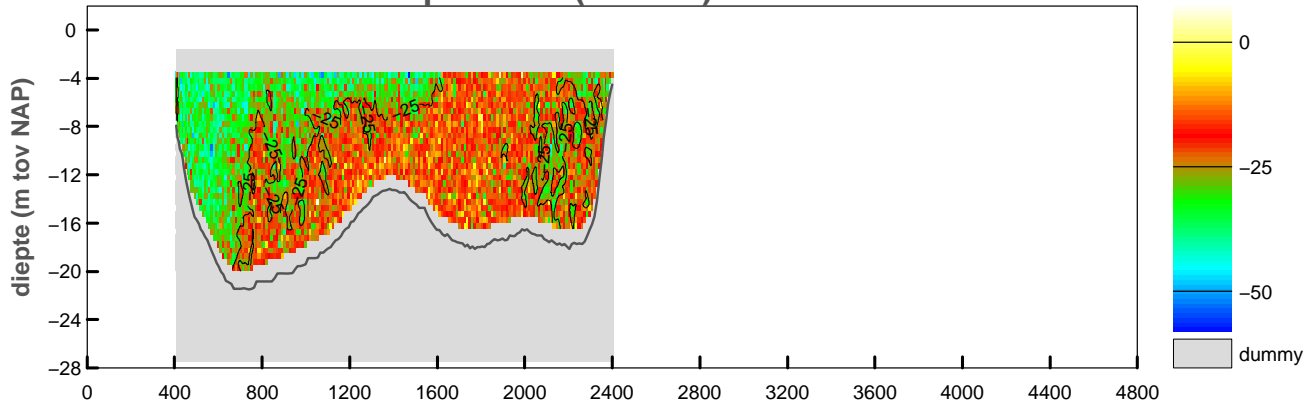


maximum gemiddelde stroom-
 snelheid in de vertikaal

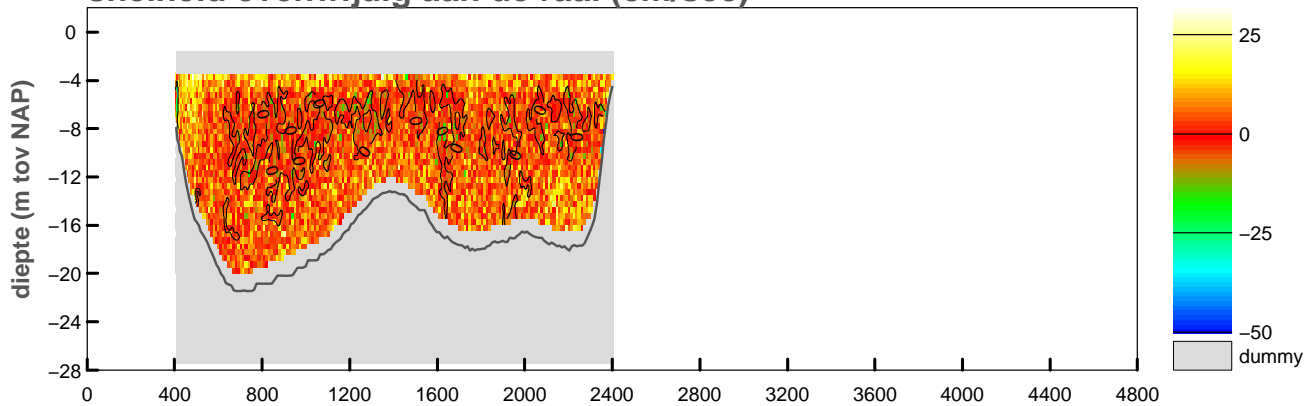
afstand uit nulpunt : 441 m
 stroomsnelheid : 35 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -30446 m²
 raaidebiet : -5840 m³/sec

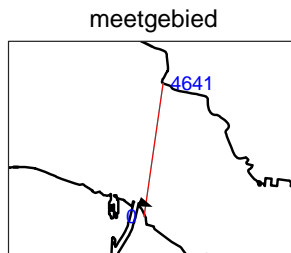
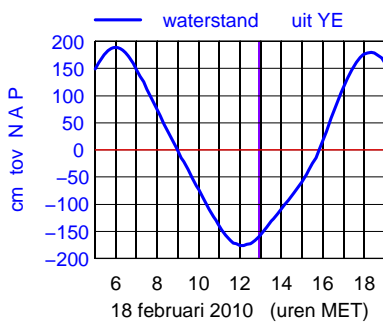
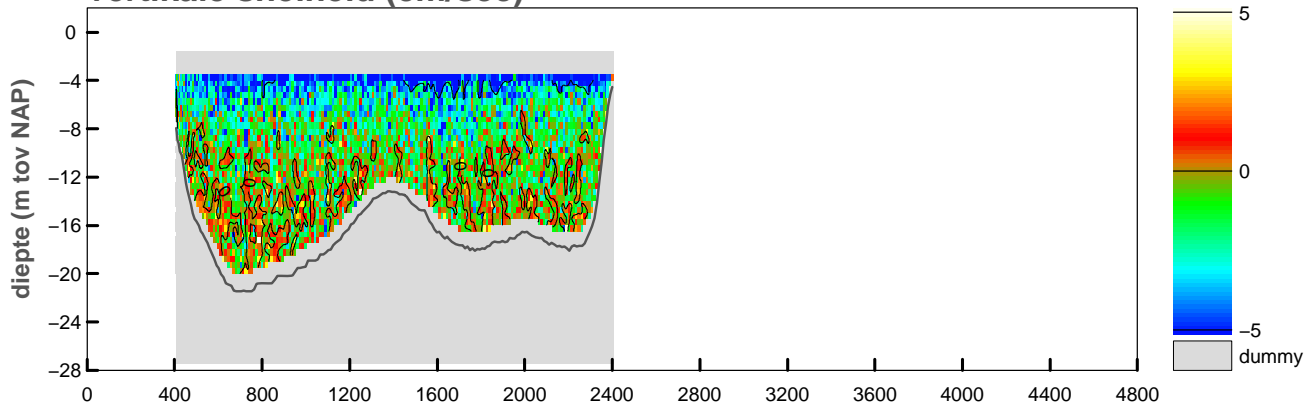
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

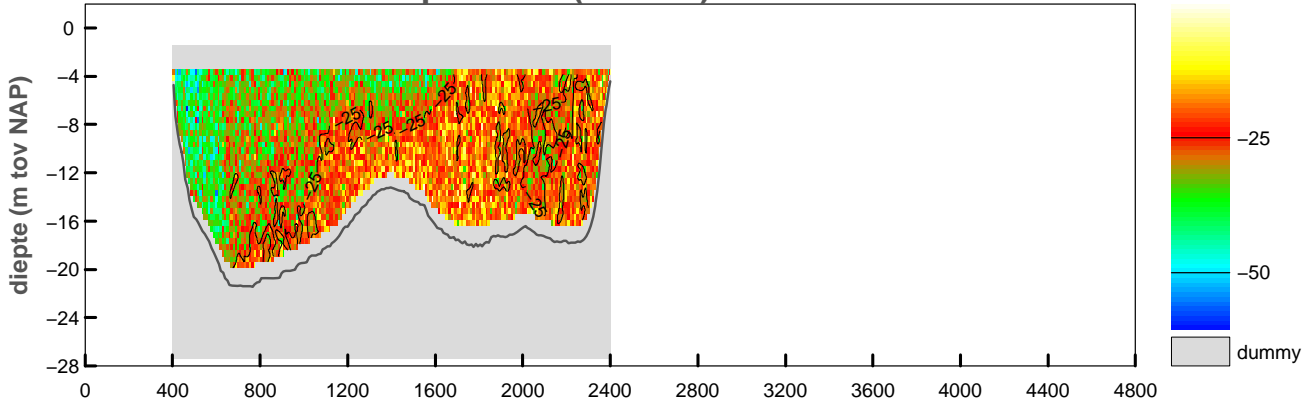


maximum gemiddelde stroom-
snelheid in de vertikaal

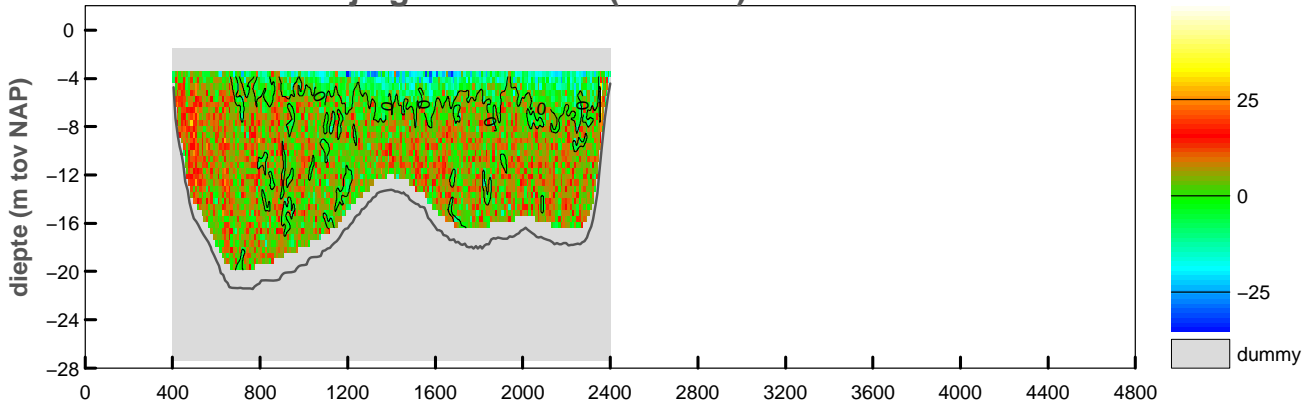
afstand uit nulpunt : 419 m
stroomsnelheid : 38 cm/sec
stroomrichting : 112°

doorstroomoppervlak : -30608 m²
raaidebiet : -7324 m³/sec

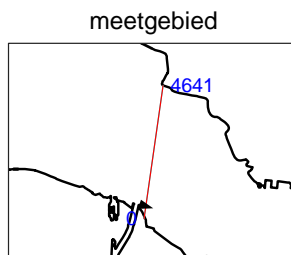
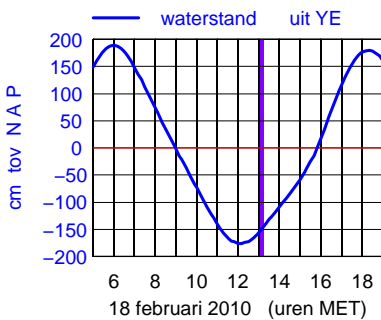
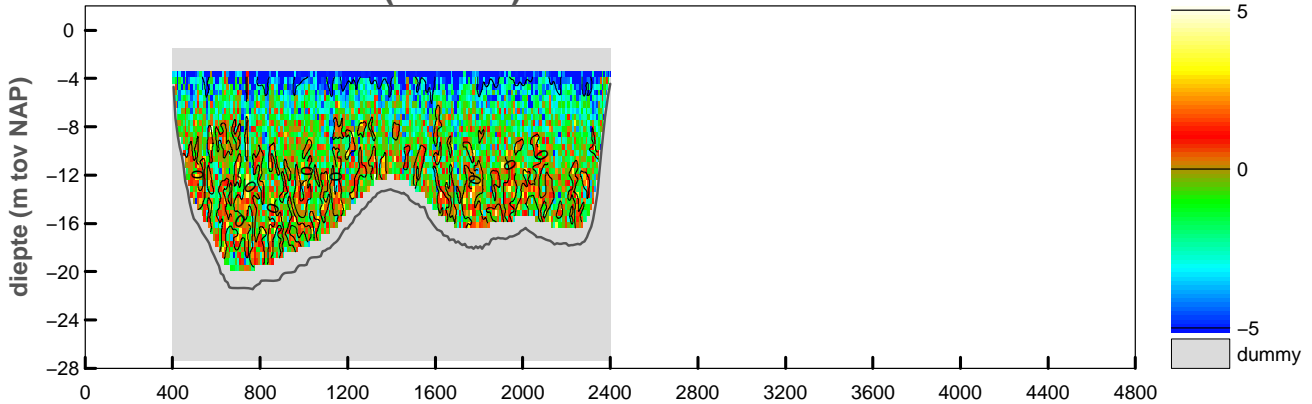
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

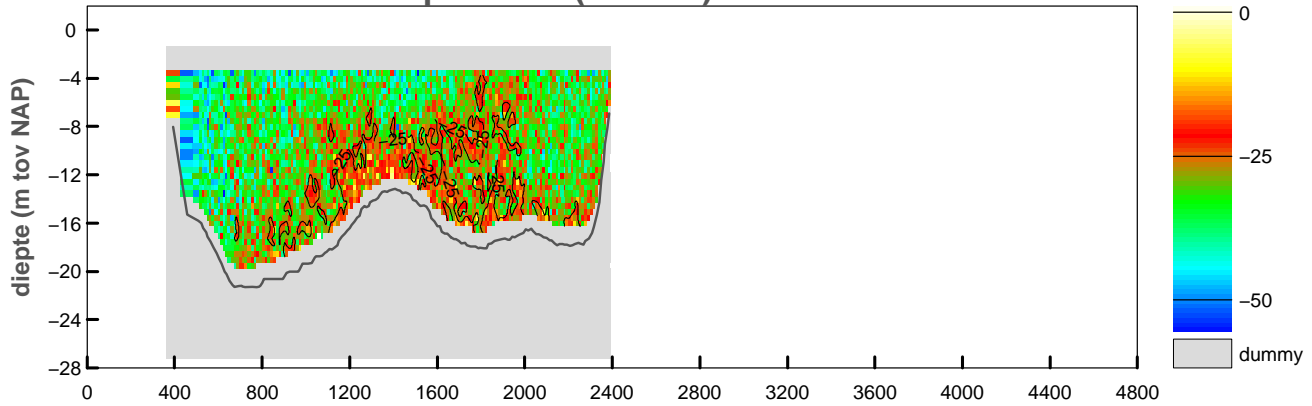


maximum gemiddelde stroom-
 snelheid in de vertikaal

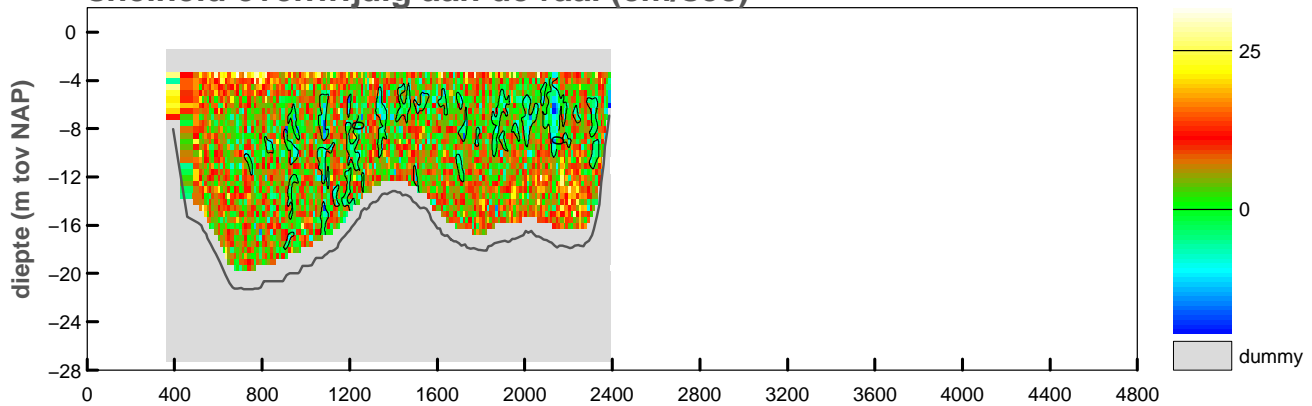
afstand uit nulpunt : 432 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -30769 m²
 raaidebiet : -7951 m³/sec

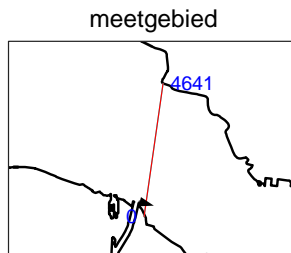
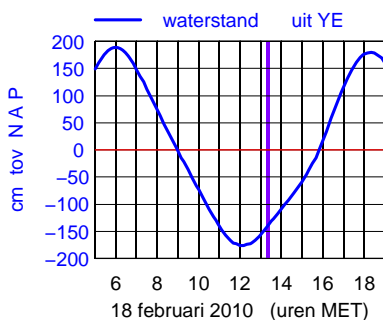
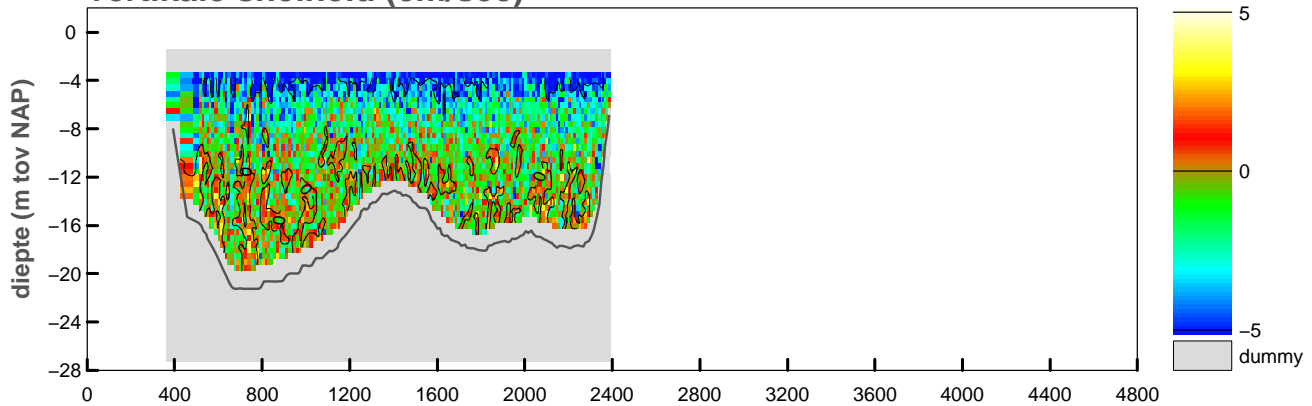
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

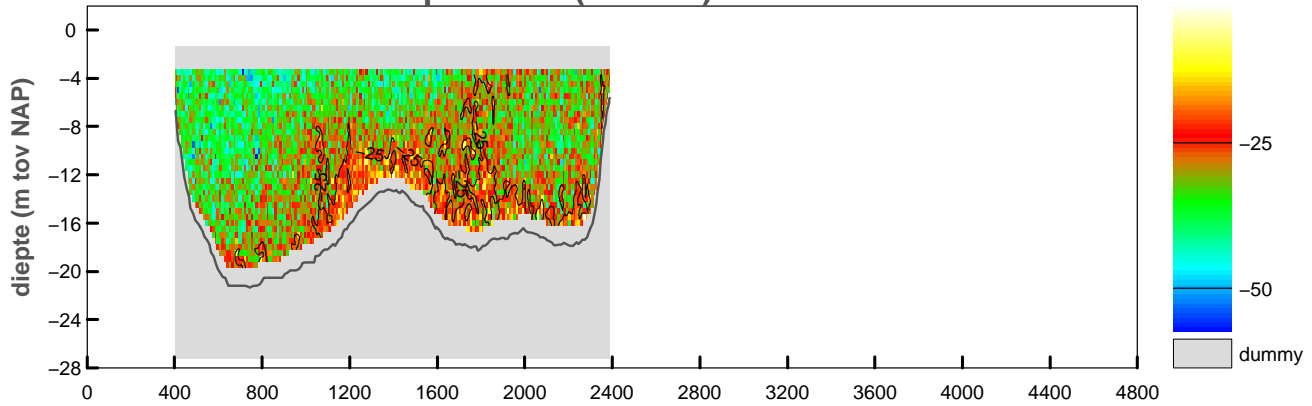


maximum gemiddelde stroom-
snelheid in de vertikaal

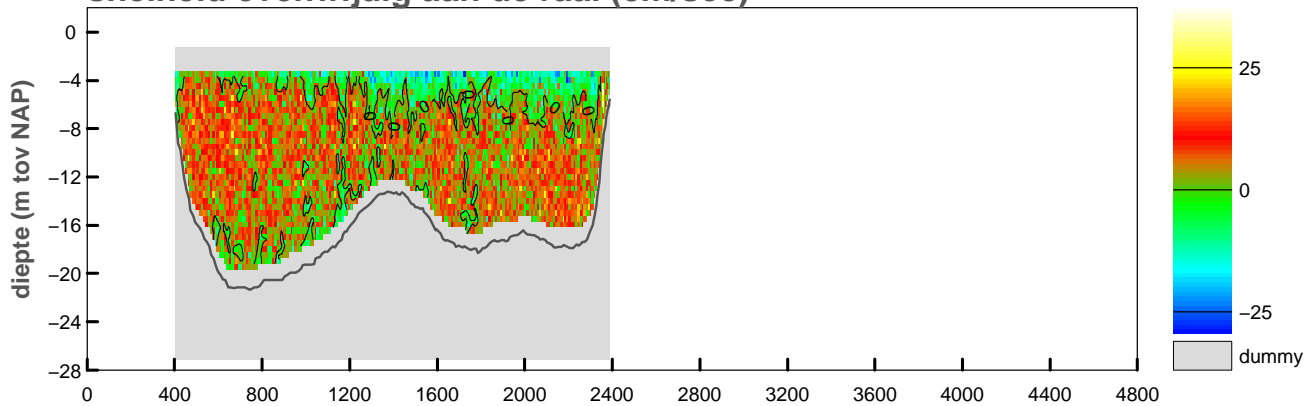
afstand uit nulpunt : 459 m
stroomsnelheid : 43 cm/sec
stroomrichting : 106°

doorstroomoppervlak : -31206 m²
raaidebiet : -9443 m³/sec

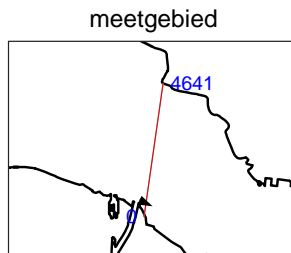
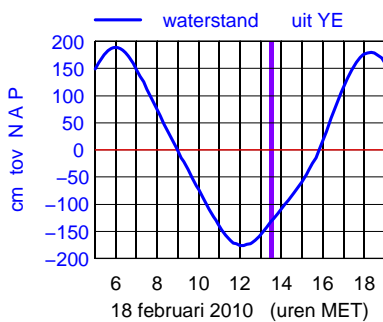
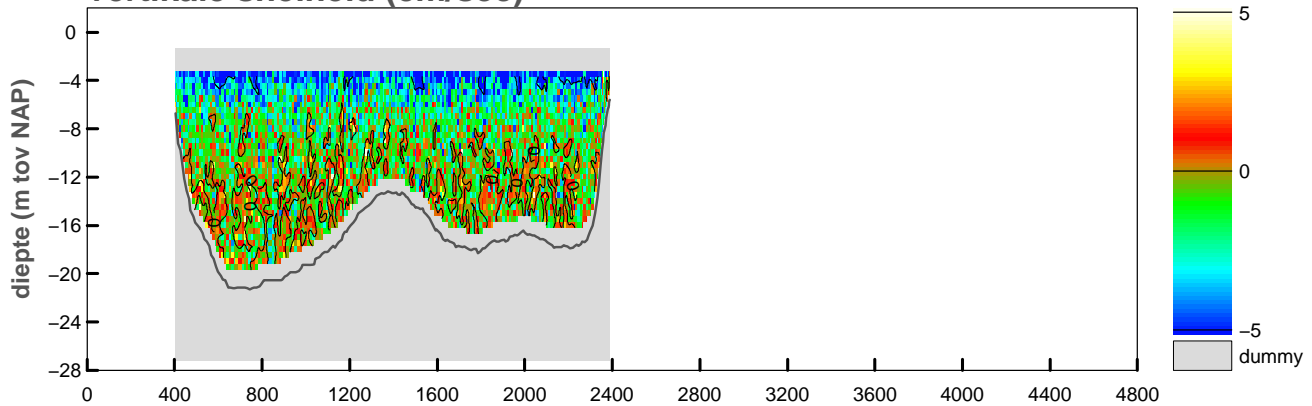
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

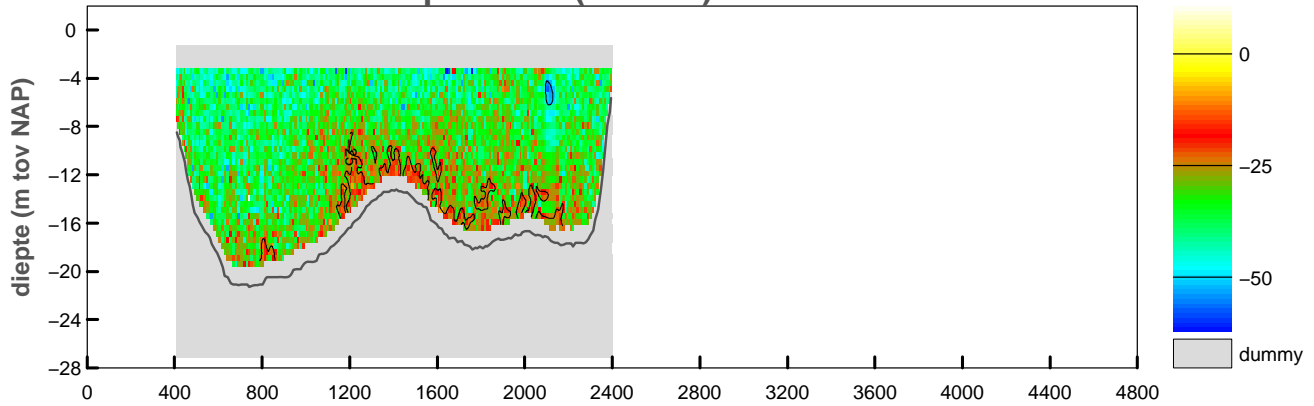


maximum gemiddelde stroom-
snelheid in de vertikaal

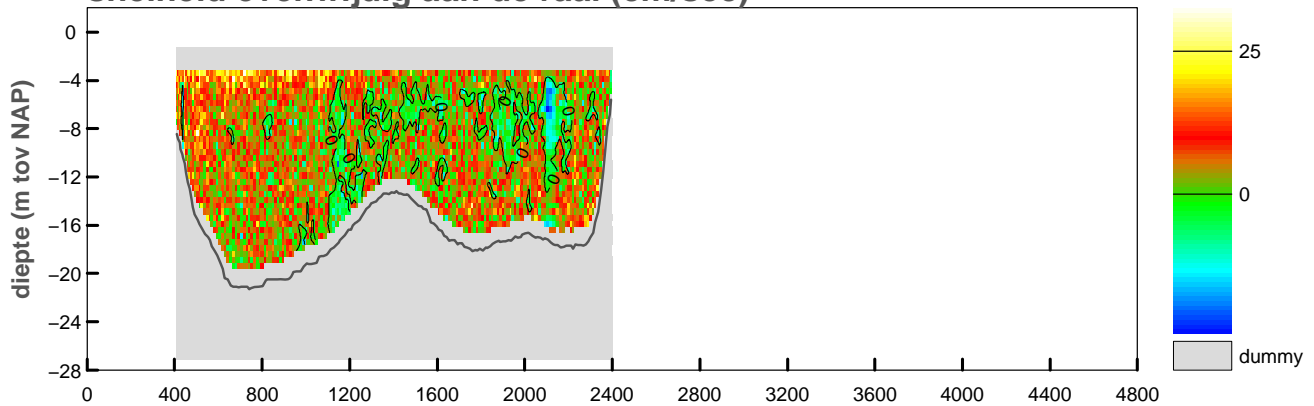
afstand uit nulpunt : 467 m
stroomsnelheid : 39 cm/sec
stroomrichting : 115°

doorstroomoppervlak : -31134 m²
raaidebiet : -9368 m³/sec

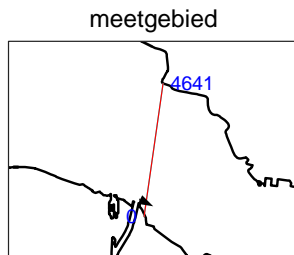
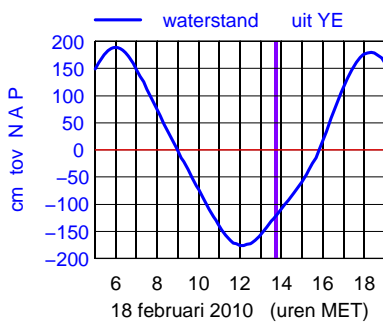
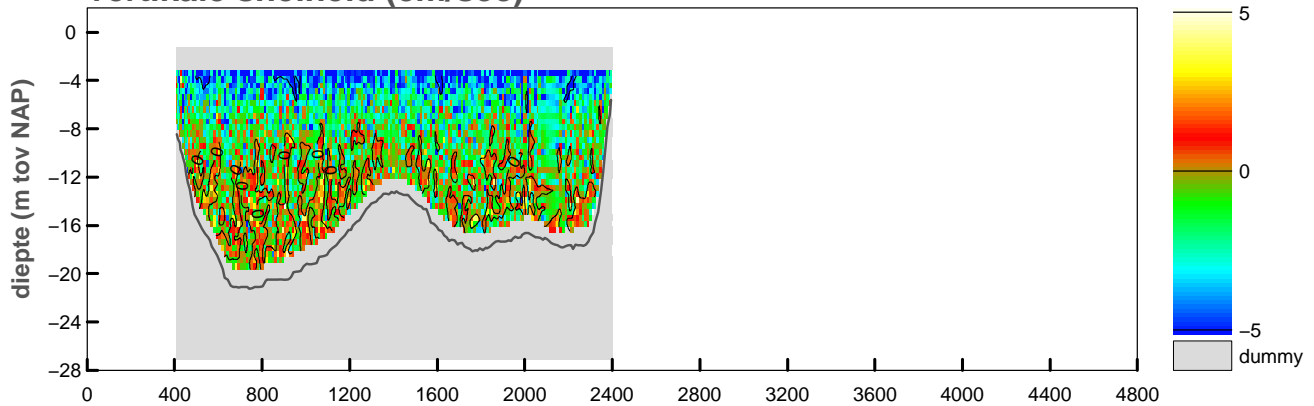
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

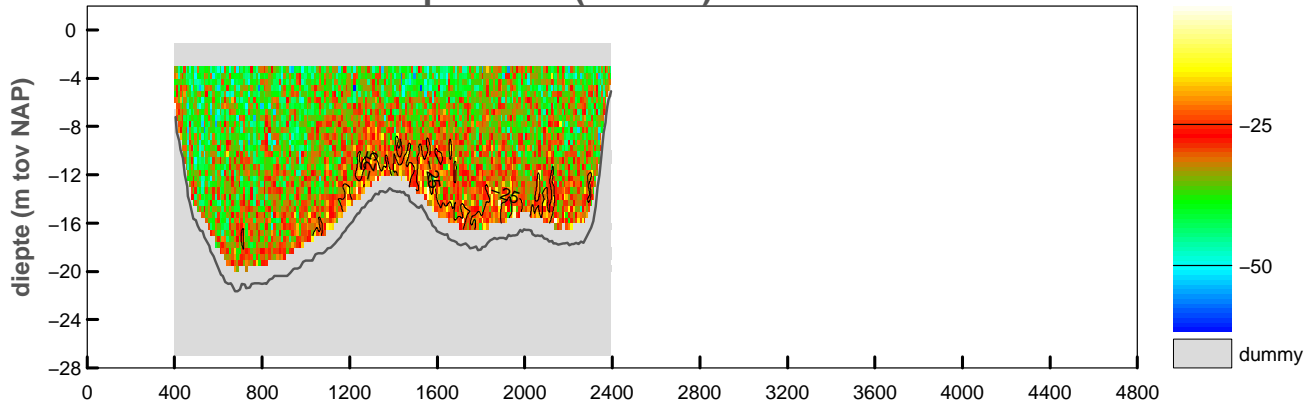


maximum gemiddelde stroom-
 snelheid in de vertikaal

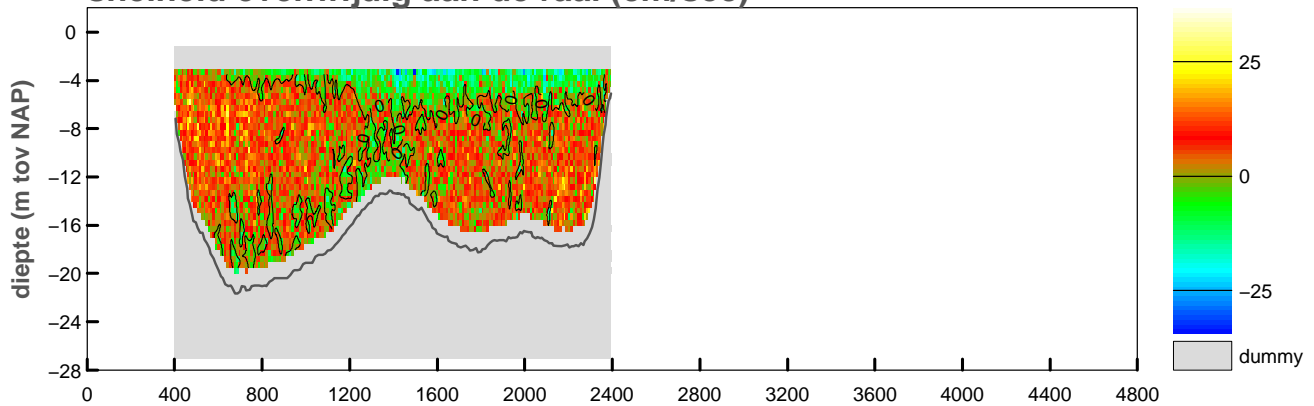
afstand uit nulpunt : 484 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 116°

doorstroomoppervlak : -31282 m²
 raaidebiet : -10314 m³/sec

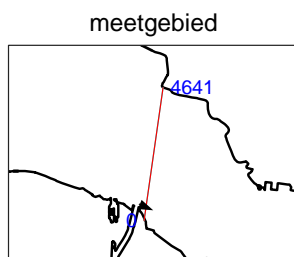
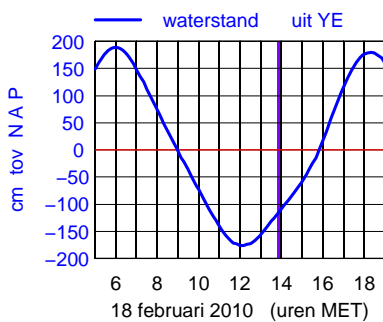
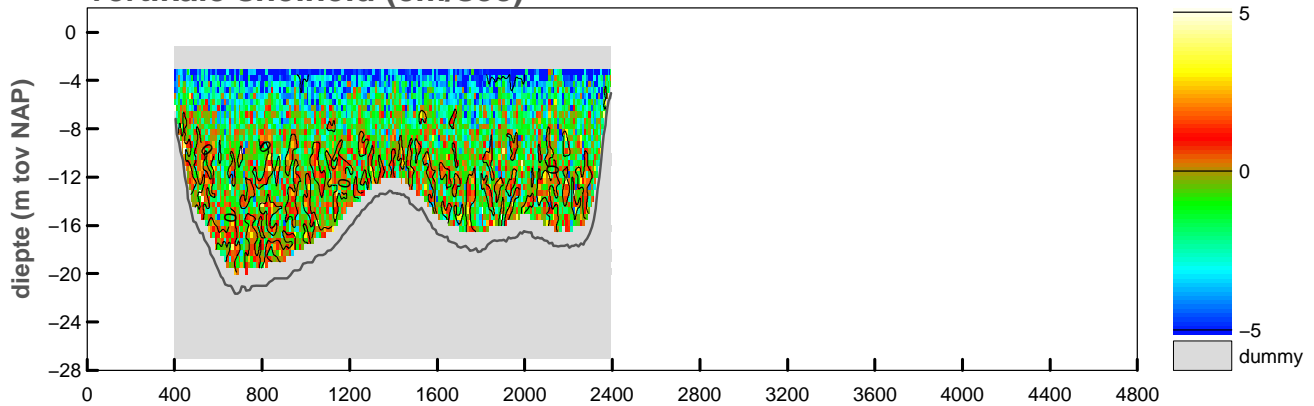
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

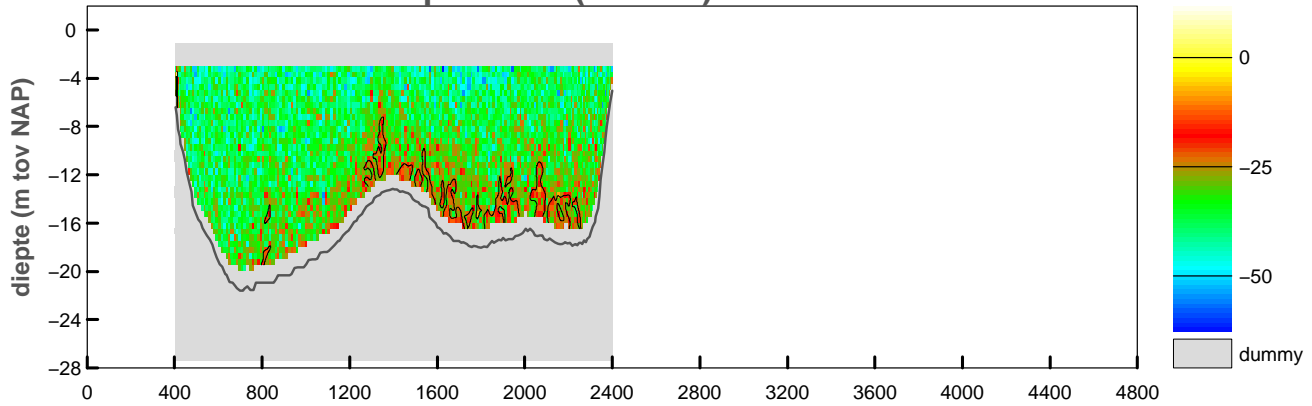


maximum gemiddelde stroom-
snelheid in de vertikaal

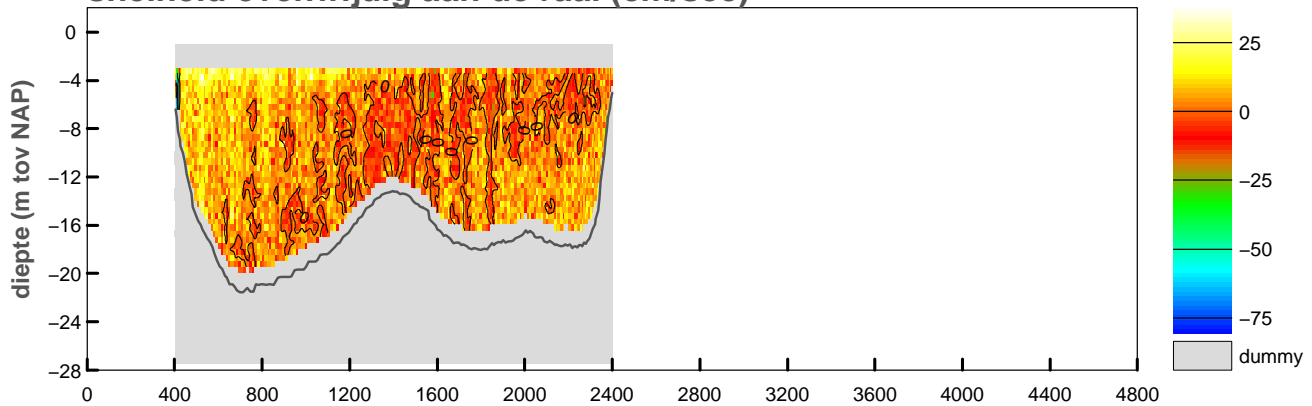
afstand uit nulpunt : 461 m
stroomsnelheid : 42 cm/sec
stroomrichting : 114°

doorstroomoppervlak : -31483 m²
raaidebiet : -10231 m³/sec

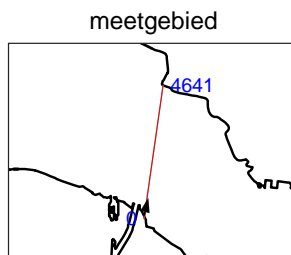
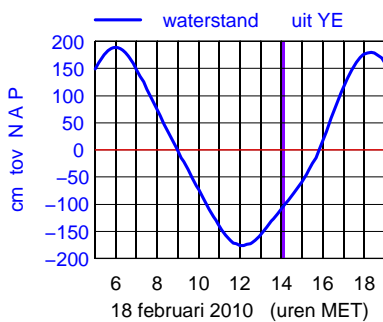
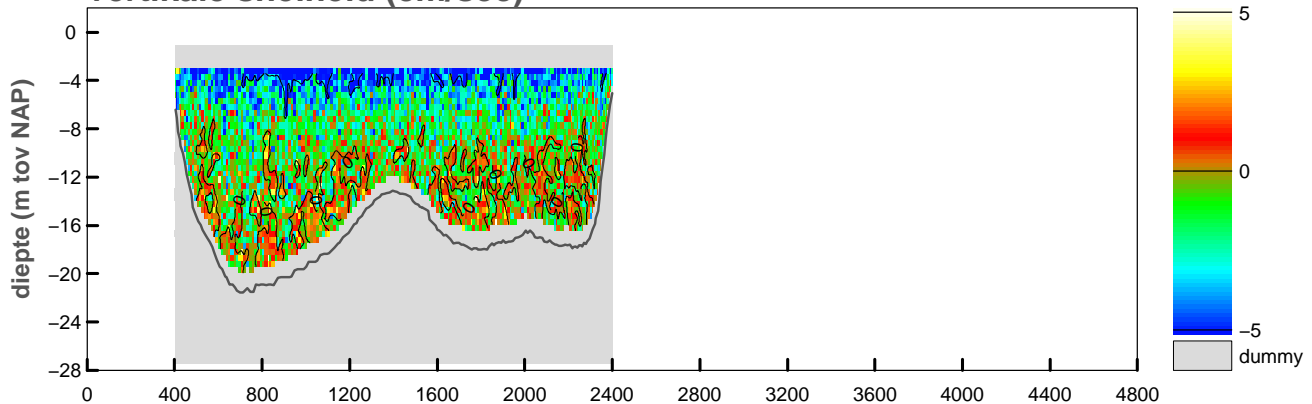
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 411 m

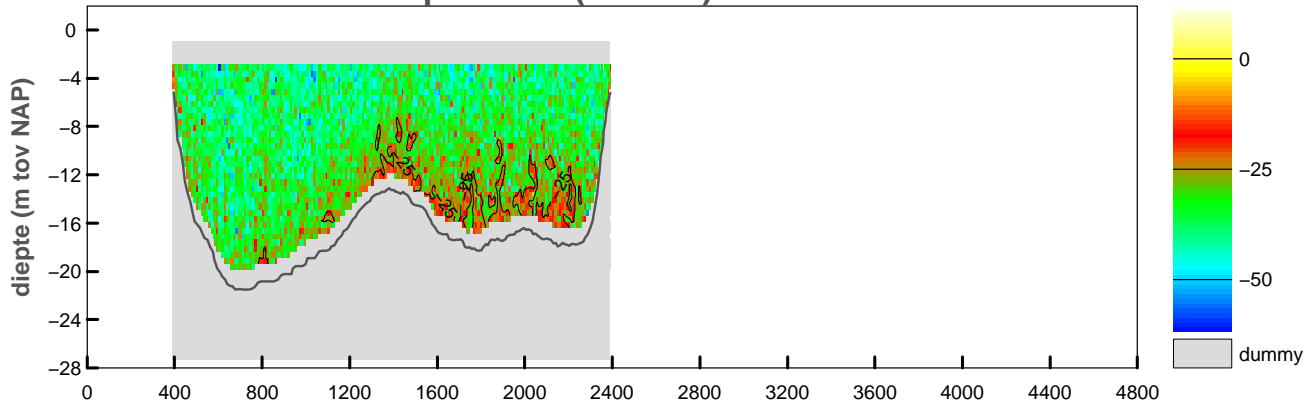
stroomsnelheid : 50 cm/sec

stroomrichting : 13°

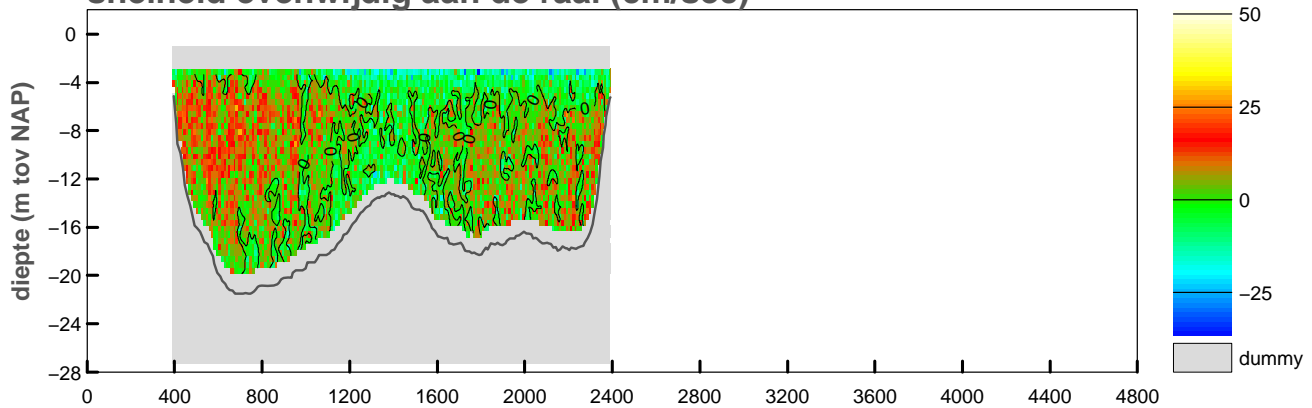
doorstroomoppervlak : -31647 m²

raaidebiet : -10634 m³/sec

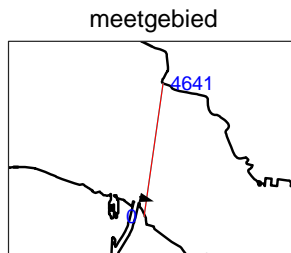
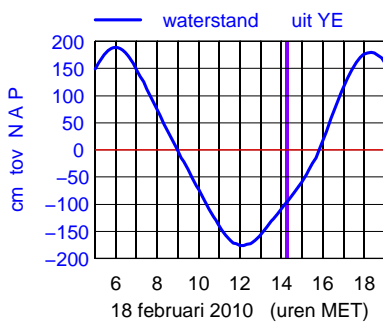
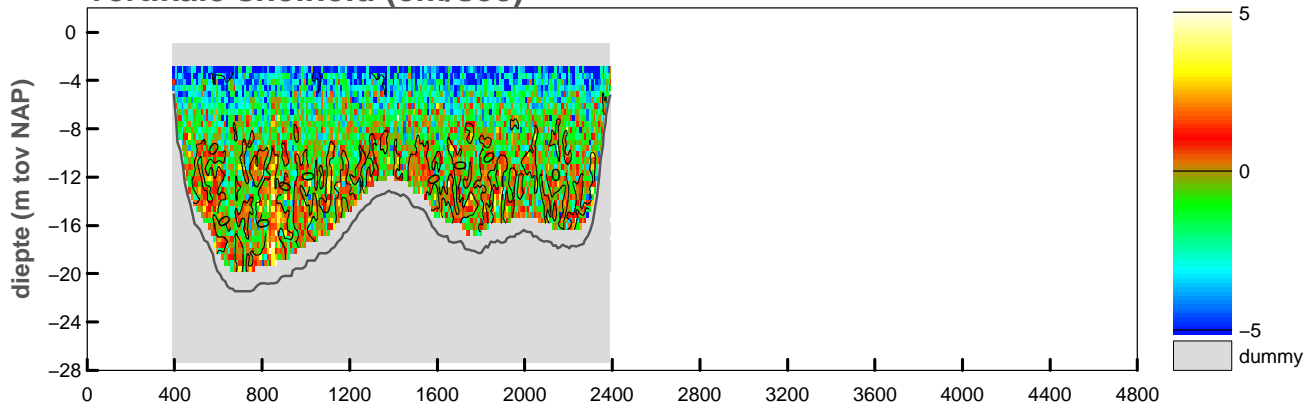
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

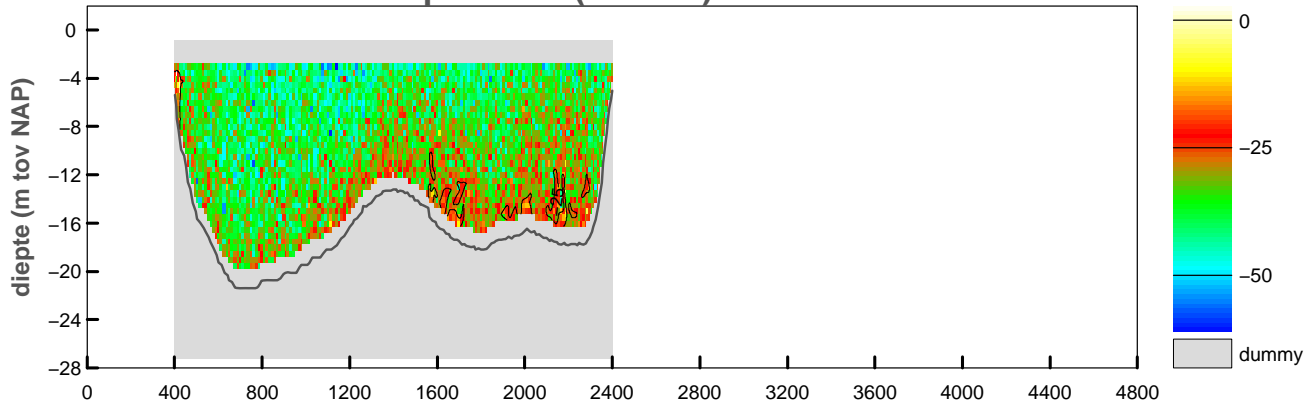


maximum gemiddelde stroom-
snelheid in de vertikaal

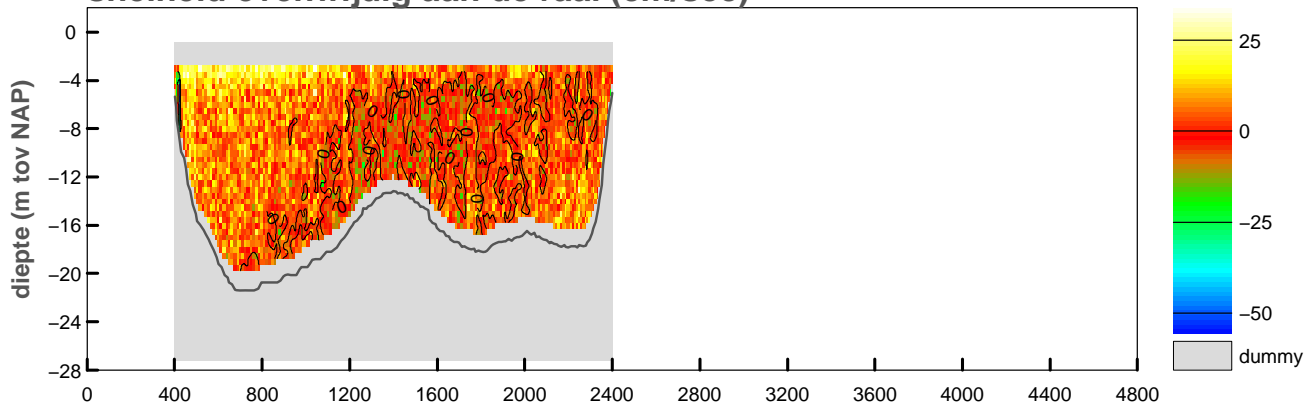
afstand uit nulpunt : 608 m
stroomsnelheid : 42 cm/sec
stroomrichting : 106°

doorstroomoppervlak : -31868 m²
raaidebiet : -10490 m³/sec

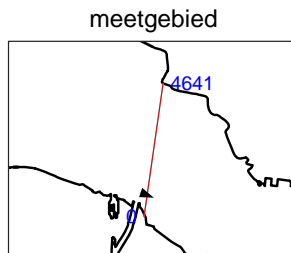
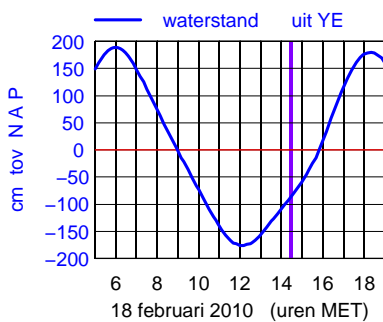
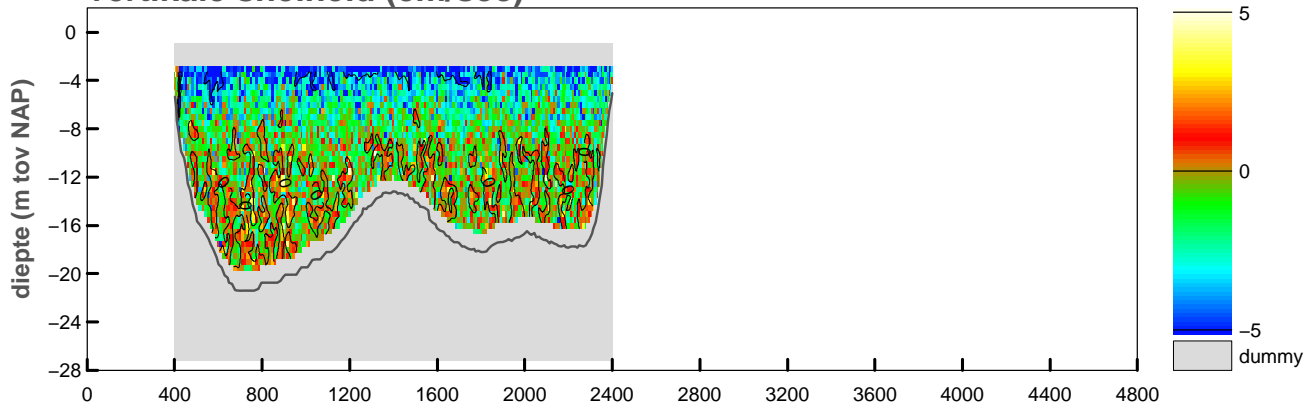
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

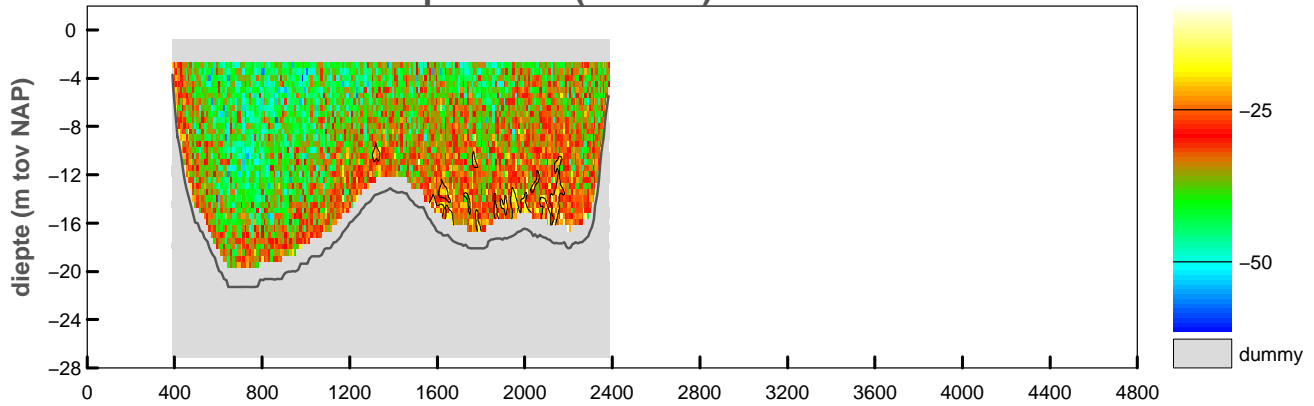


maximum gemiddelde stroom-
snelheid in de vertikaal

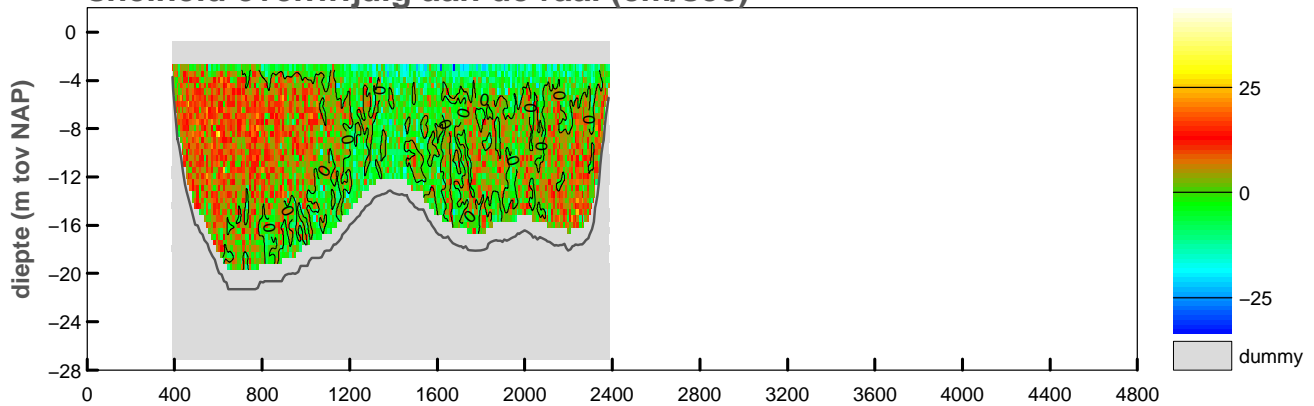
afstand uit nulpunt : 748 m
stroomsnelheid : 41 cm/sec
stroomrichting : 111°

doorstroomoppervlak : -32063 m²
raaidebiet : -10985 m³/sec

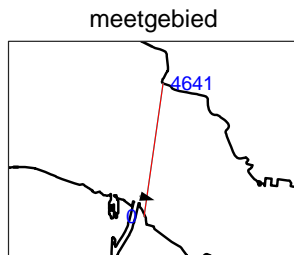
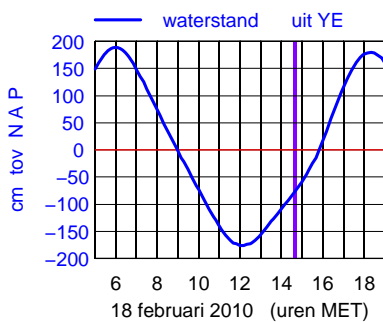
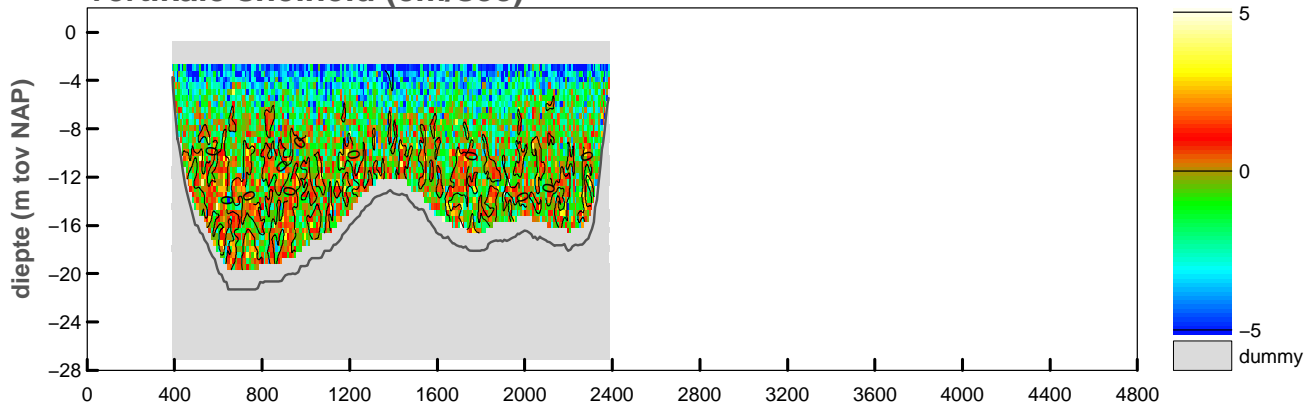
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

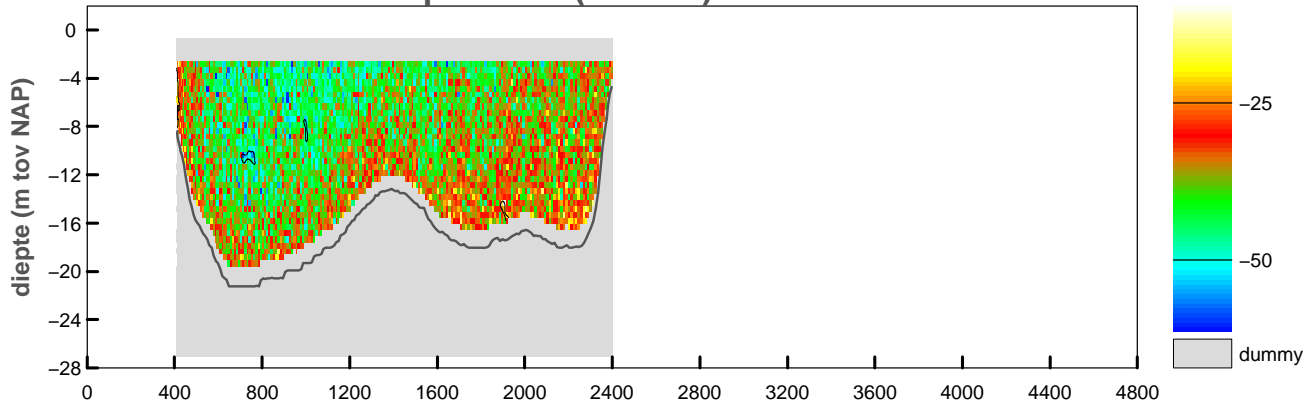


maximum gemiddelde stroom-
 snelheid in de vertikaal

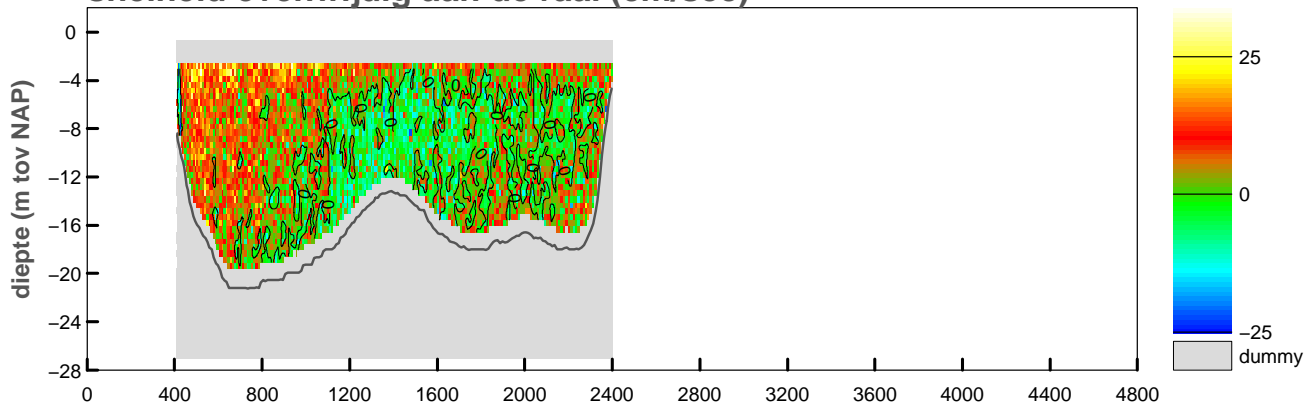
afstand uit nulpunt : 646 m
 stroomsnelheid : 42 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -32238 m²
 raaidebiet : -11116 m³/sec

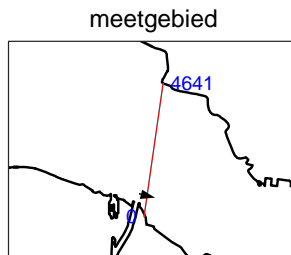
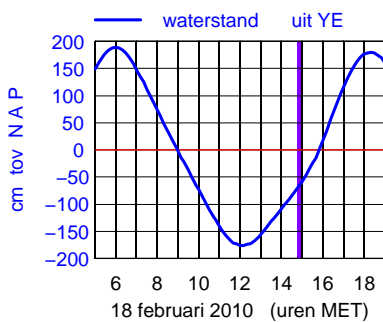
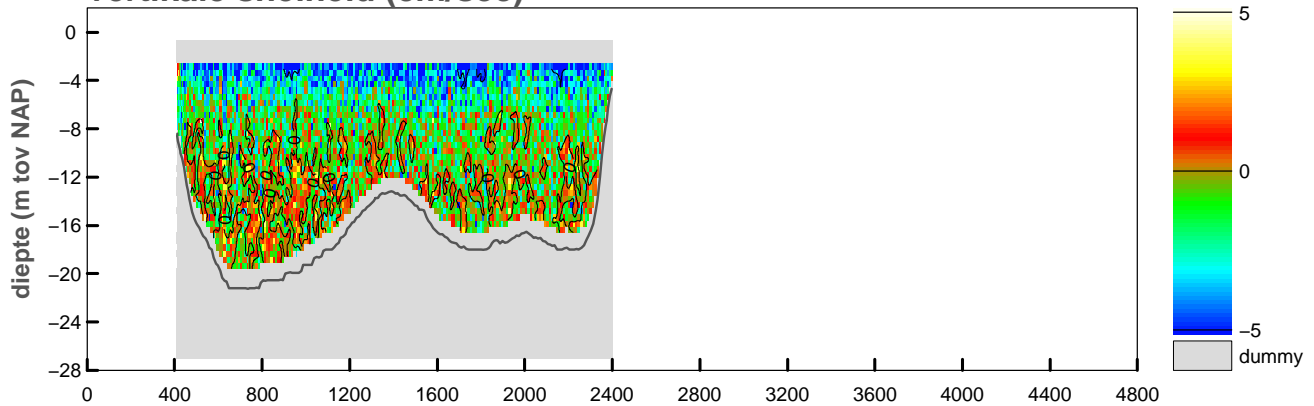
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 723 m

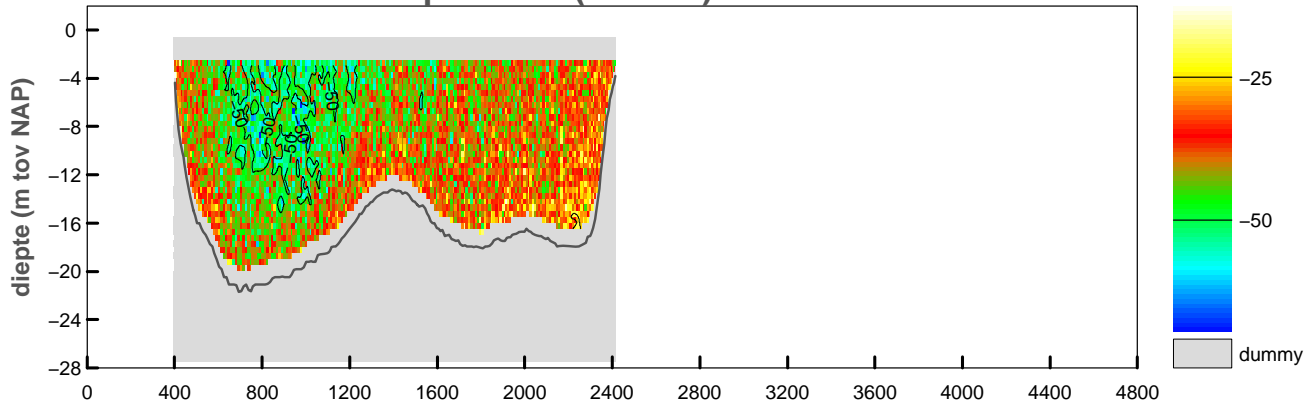
stroomsnelheid : 45 cm/sec

stroomrichting : 104°

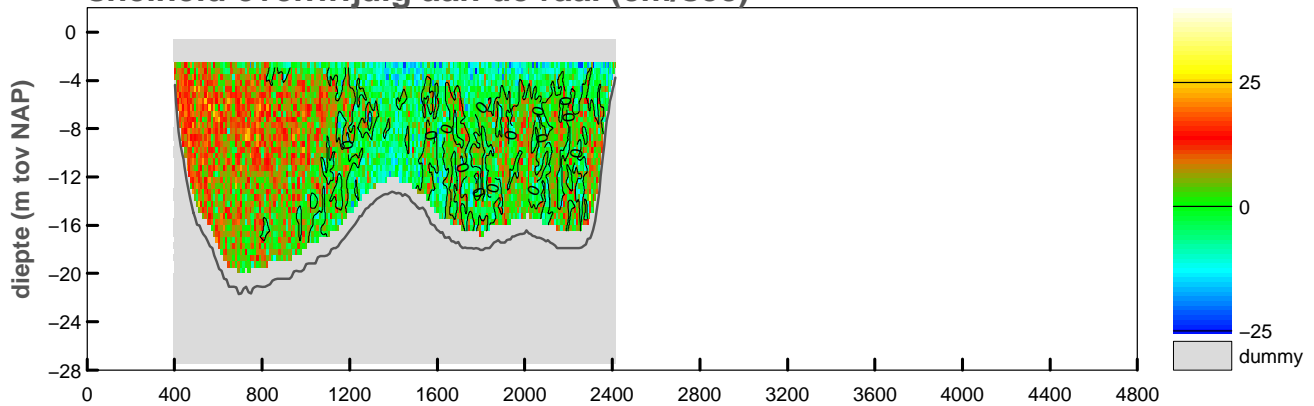
doorstroomoppervlak : -32419 m²

raaidebiet : -11963 m³/sec

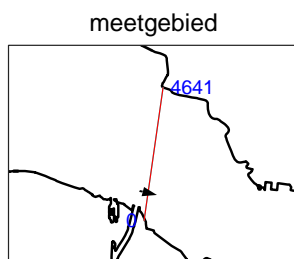
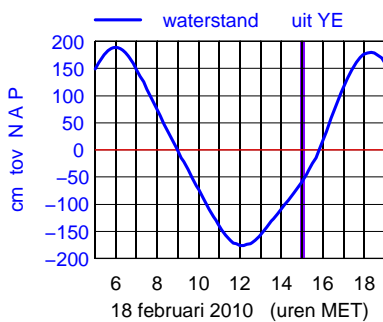
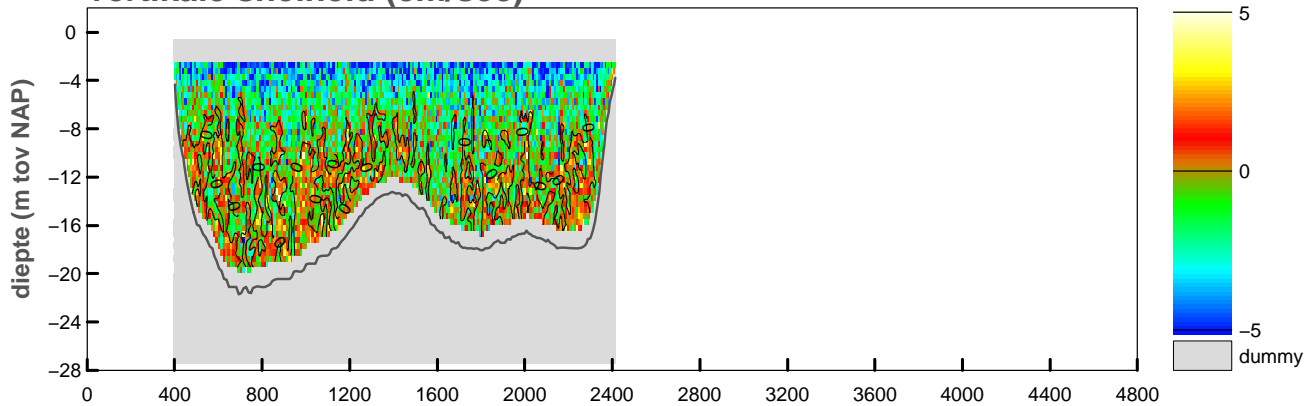
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

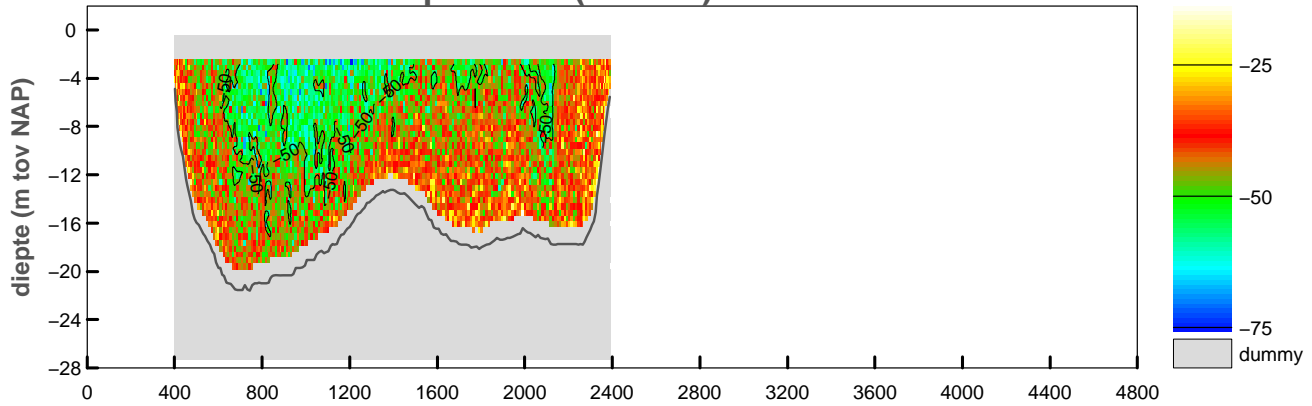


maximum gemiddelde stroom-
snelheid in de vertikaal

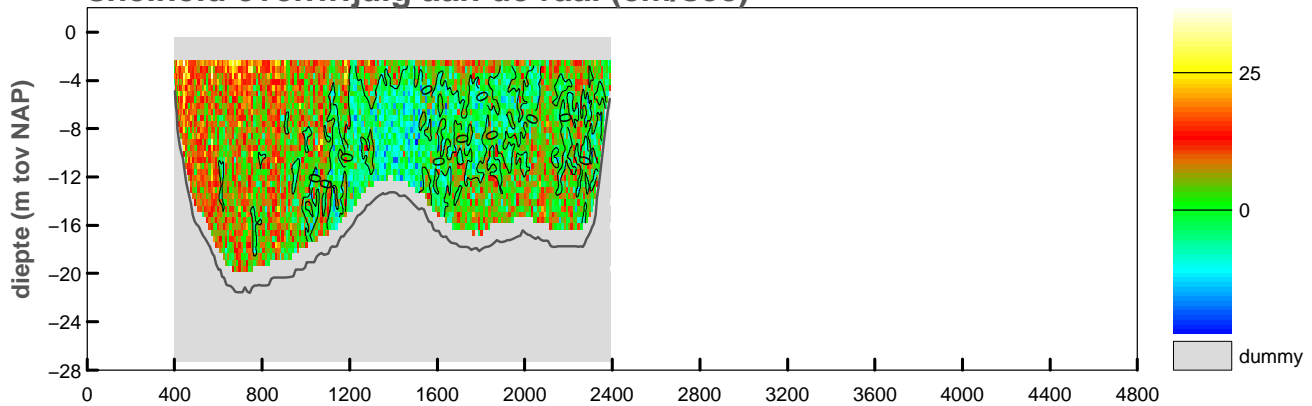
afstand uit nulpunt : 969 m
stroomsnelheid : 49 cm/sec
stroomrichting : 103°

doorstroomoppervlak : -32810 m²
raaidebiet : -12960 m³/sec

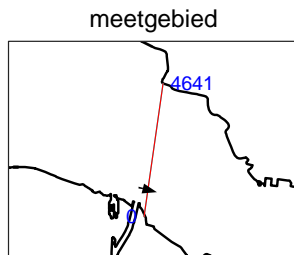
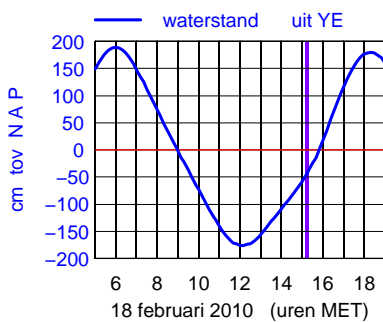
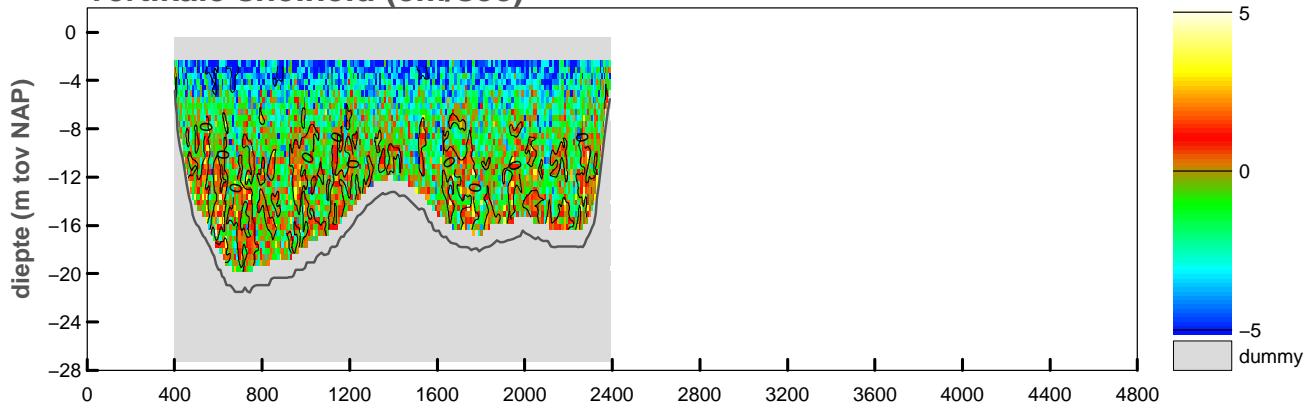
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

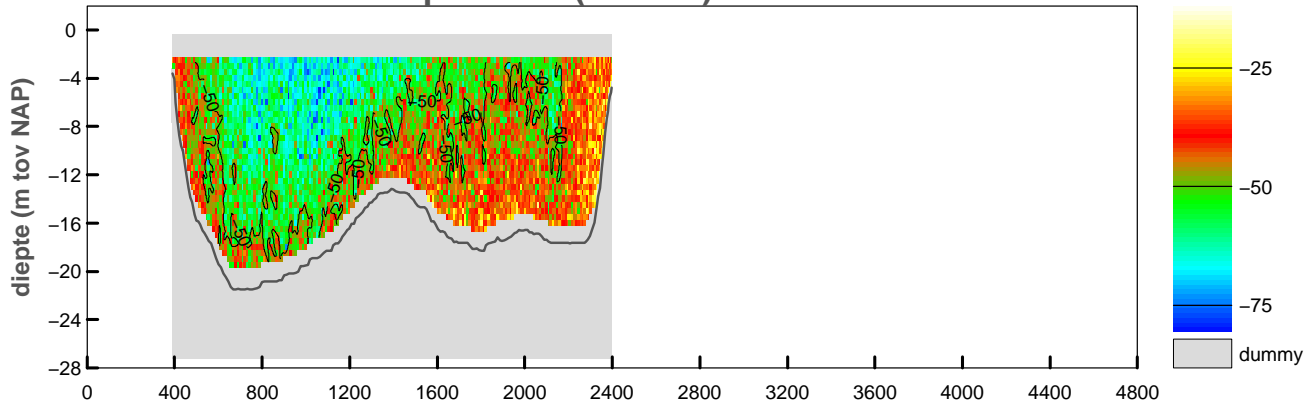


maximum gemiddelde stroom-
 snelheid in de vertikaal

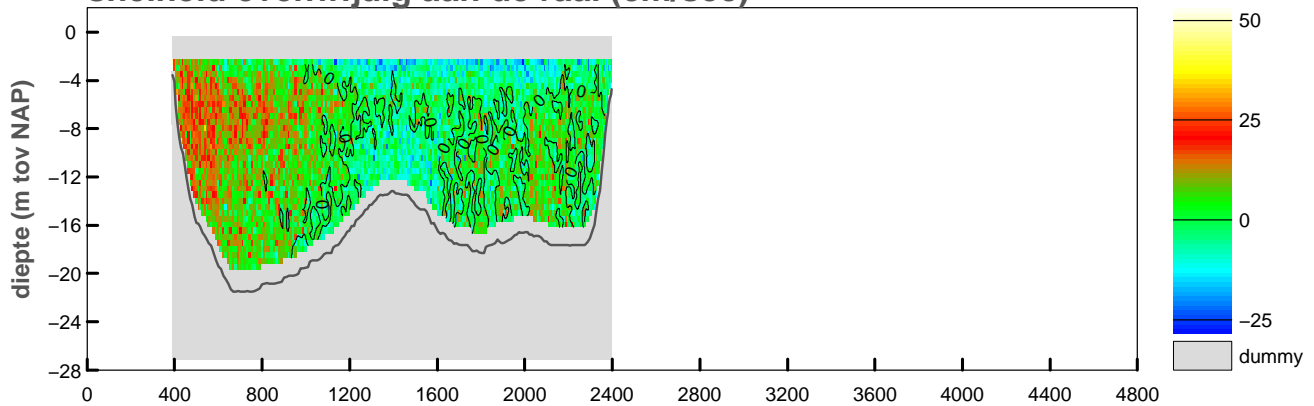
afstand uit nulpunt : 933 m
 stroomsnelheid : 53 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -32907 m²
 raaidebiet : -14361 m³/sec

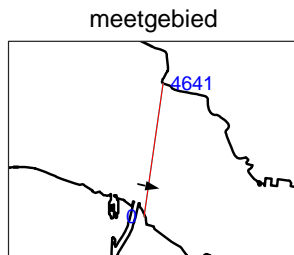
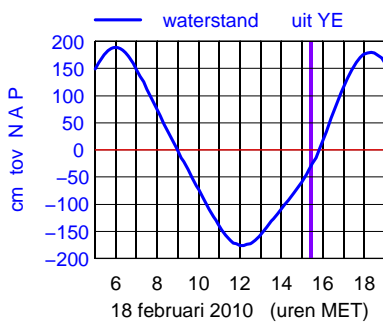
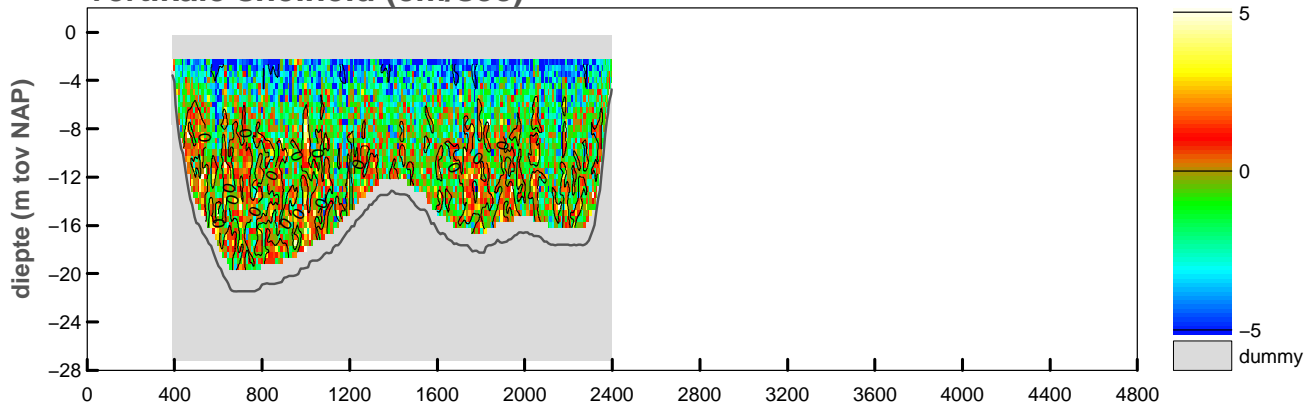
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
 snelheid in de vertikaal

afstand uit nulpunt : 1052 m

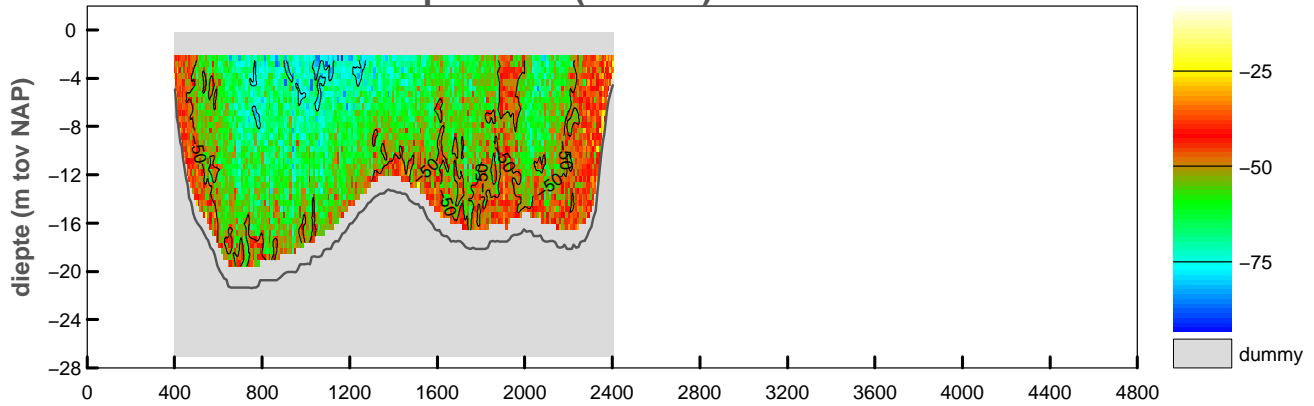
stroomsnelheid : 63 cm/sec

stroomrichting : 101°

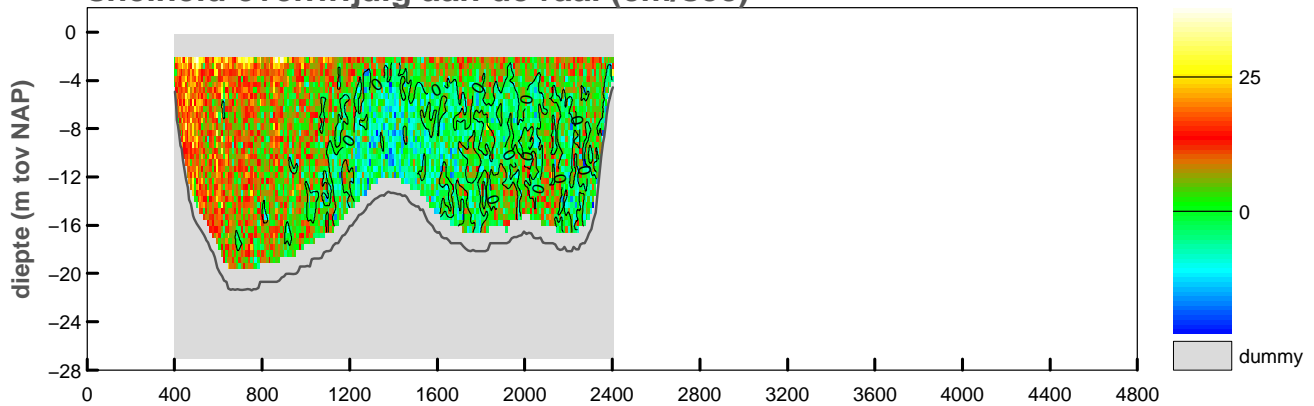
doorstroomoppervlak : -33273 m²

raaidebiet : -16089 m³/sec

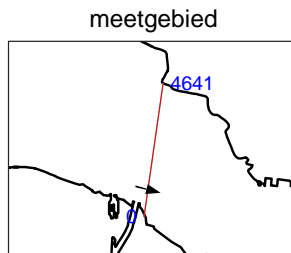
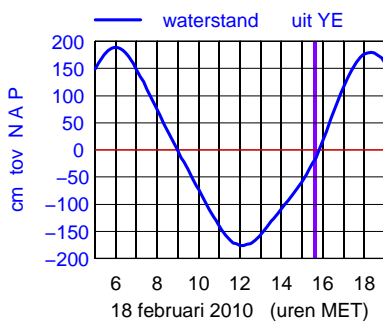
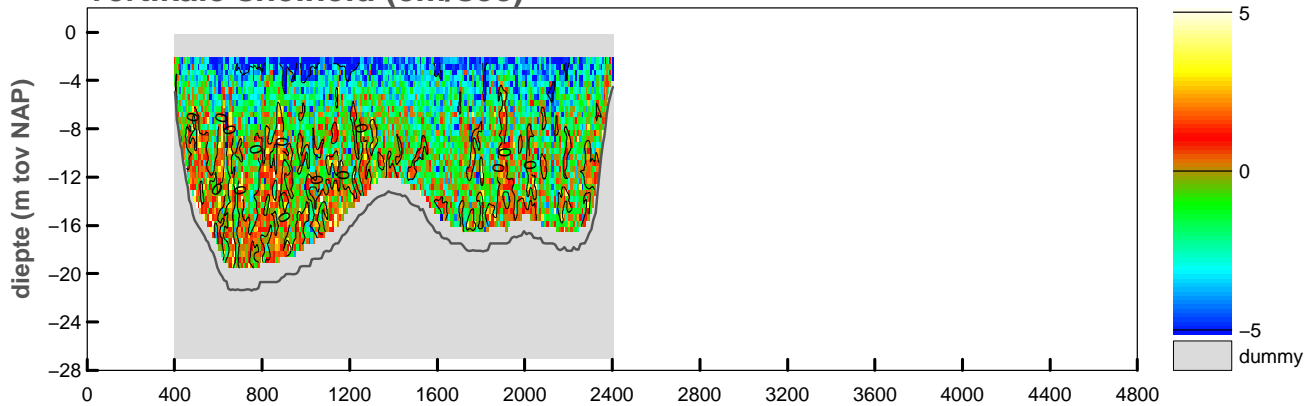
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

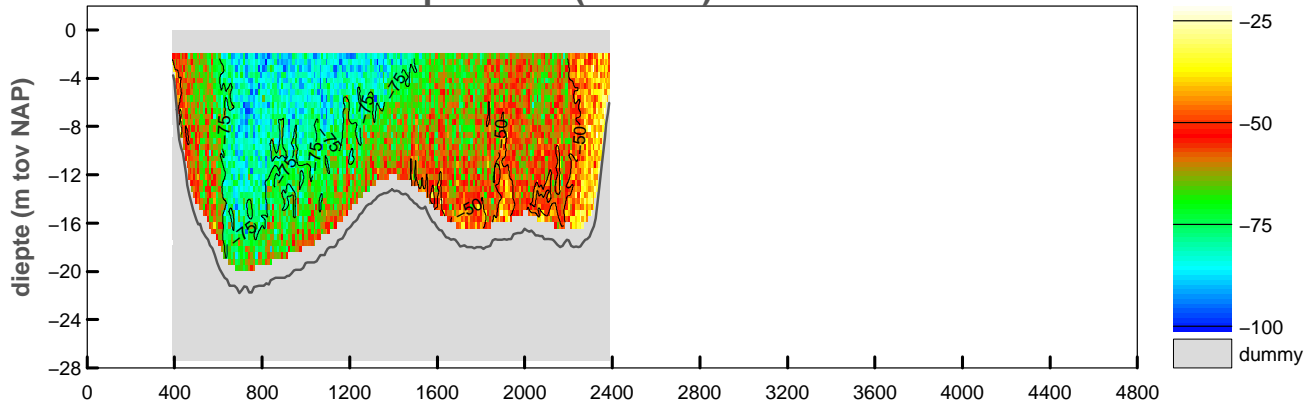


maximum gemiddelde stroom-
 snelheid in de vertikaal

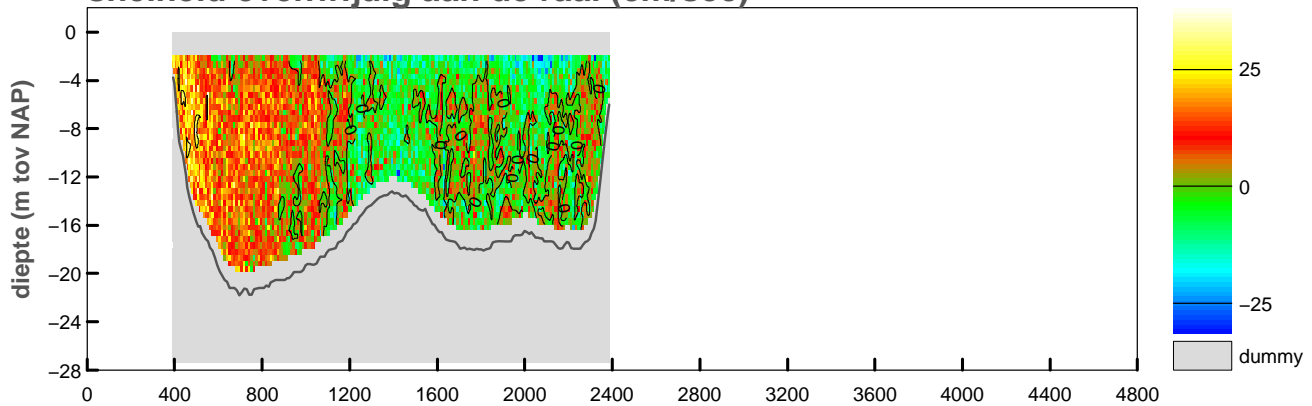
afstand uit nulpunt : 941 m
 stroomsnelheid : 71 cm/sec
 stroomrichting : 104°

doorstroomoppervlak : -33527 m²
 raaidebiet : -18512 m³/sec

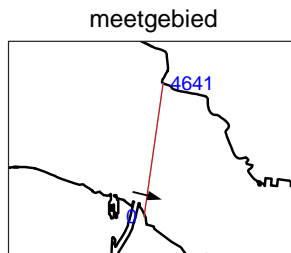
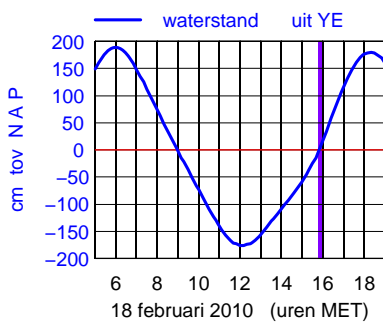
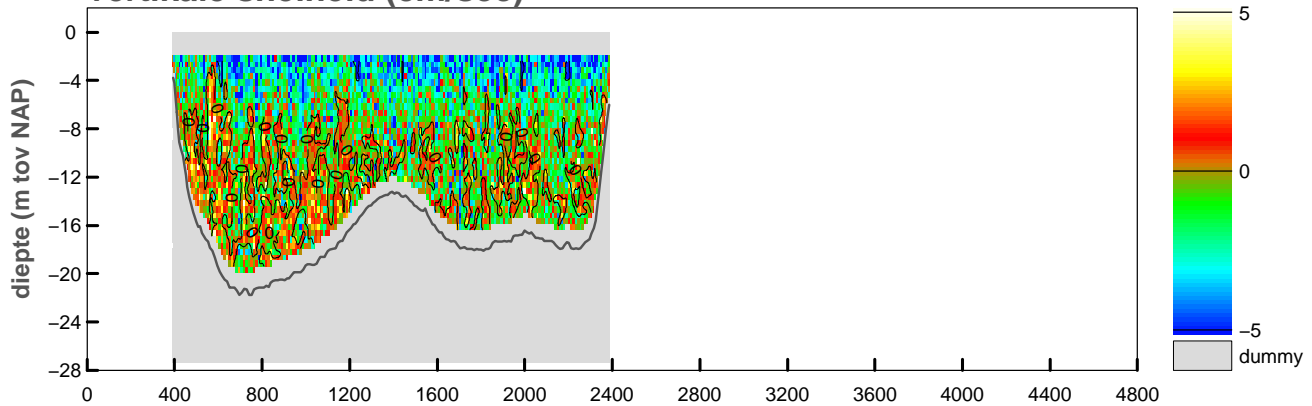
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 729 m

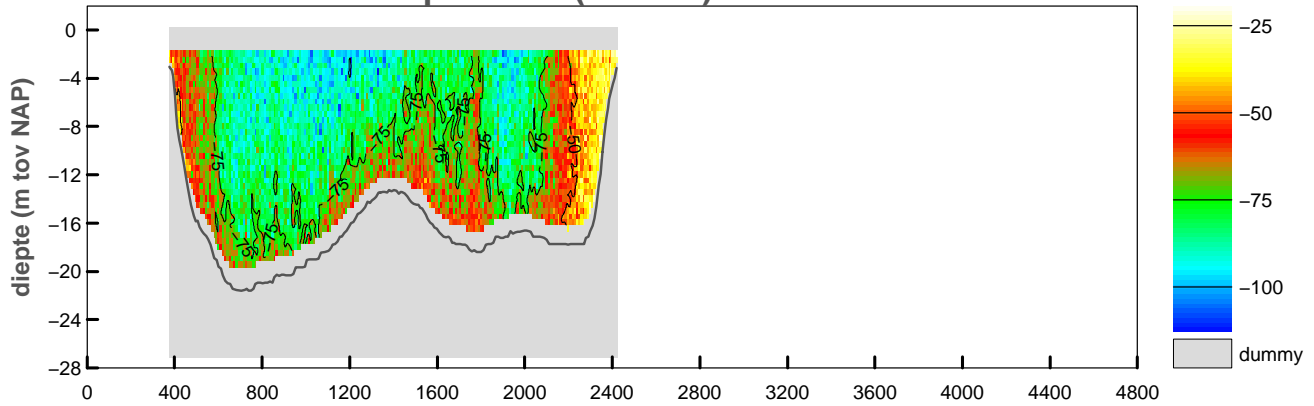
stroomsnelheid : 83 cm/sec

stroomrichting : 104°

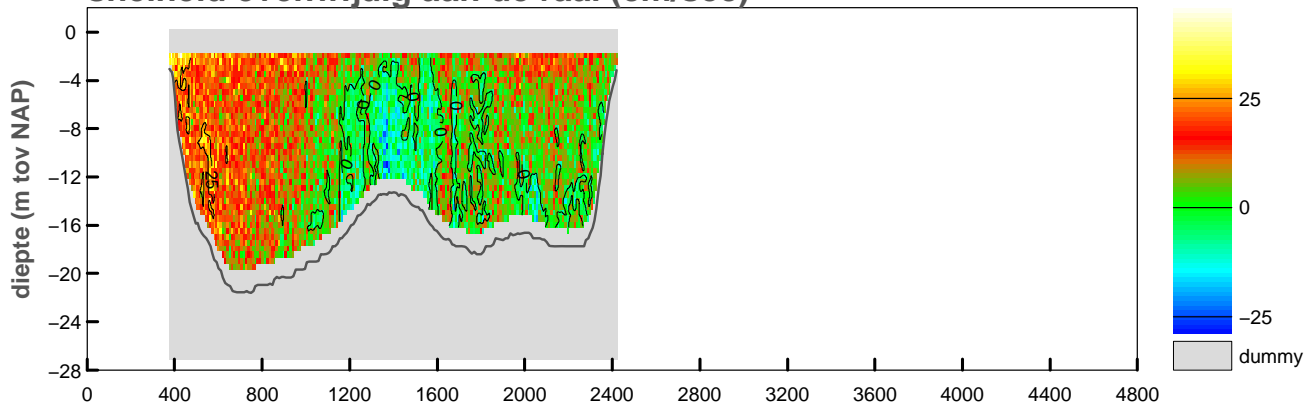
doorstroomoppervlak : -33863 m²

raaidebiet : -21509 m³/sec

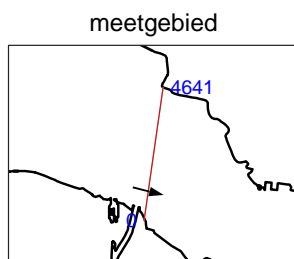
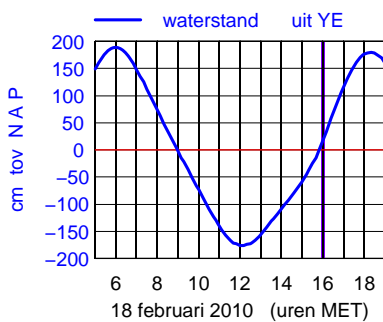
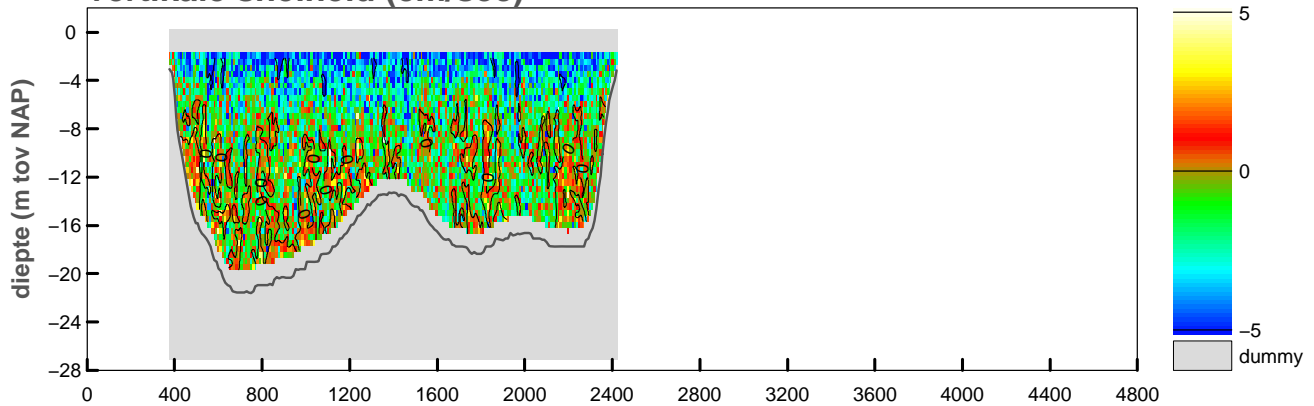
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

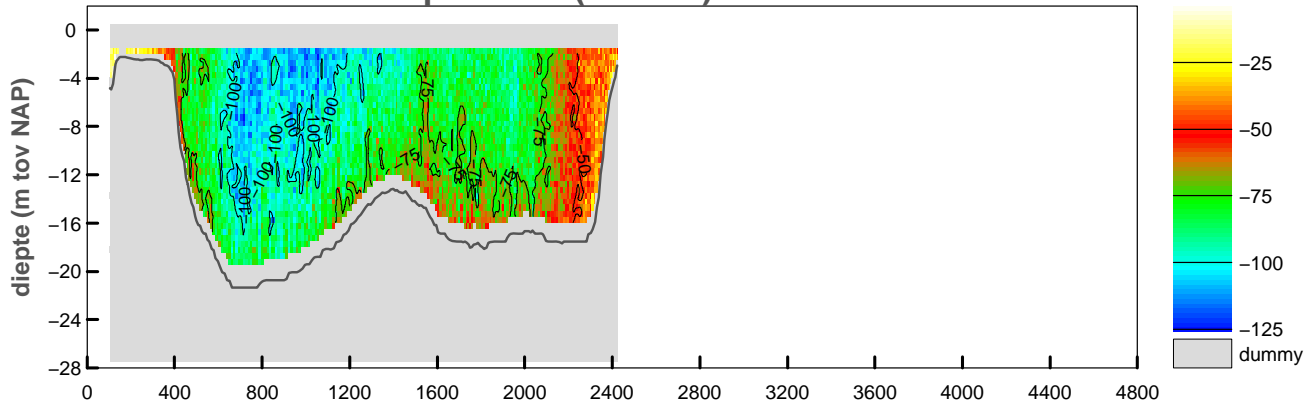


maximum gemiddelde stroom-
 snelheid in de vertikaal

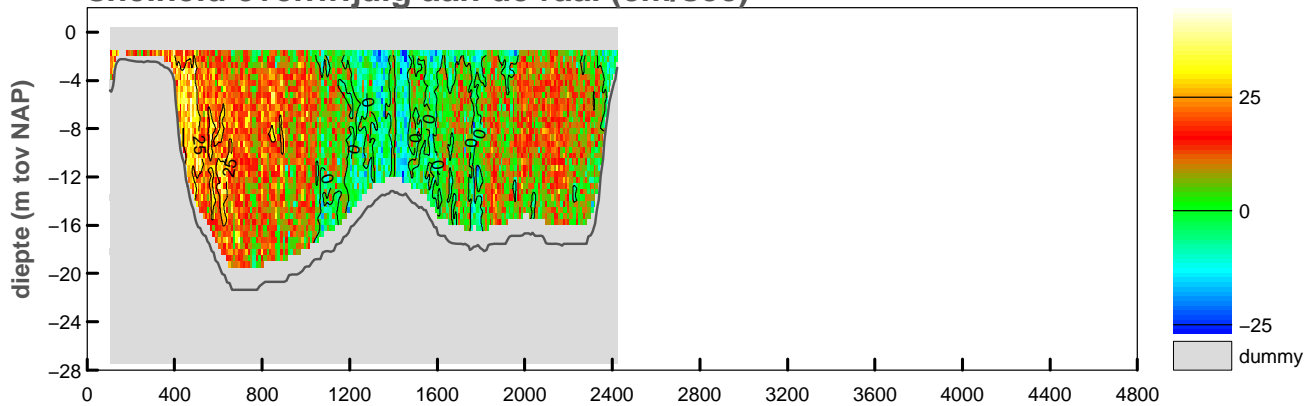
afstand uit nulpunt : 1026 m
 stroomsnelheid : 88 cm/sec
 stroomrichting : 105°

doorstroomoppervlak : -34505 m²
 raaidebiet : -24866 m³/sec

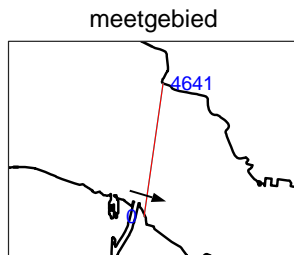
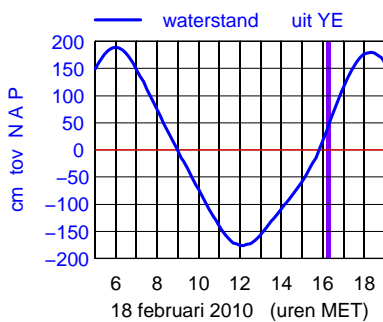
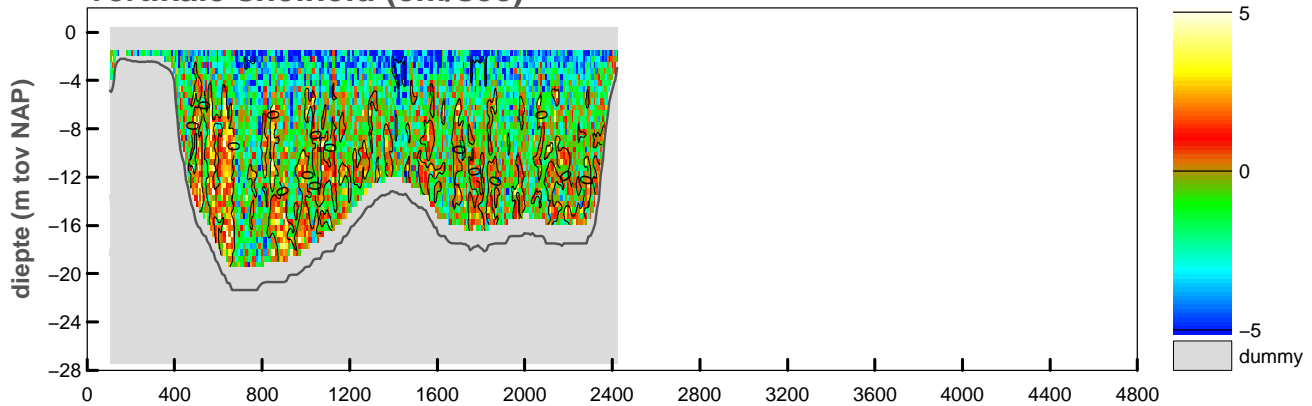
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

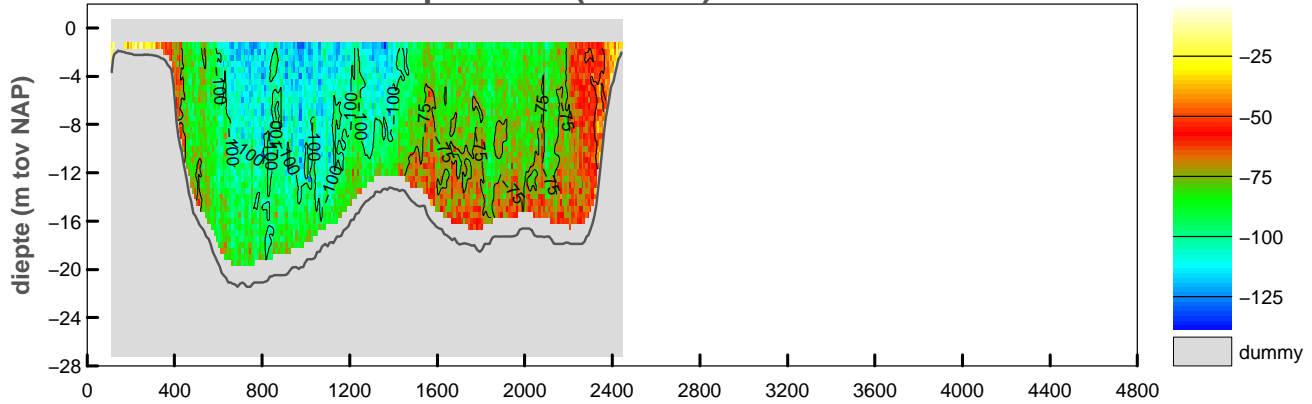


maximum gemiddelde stroom-
 snelheid in de vertikaal

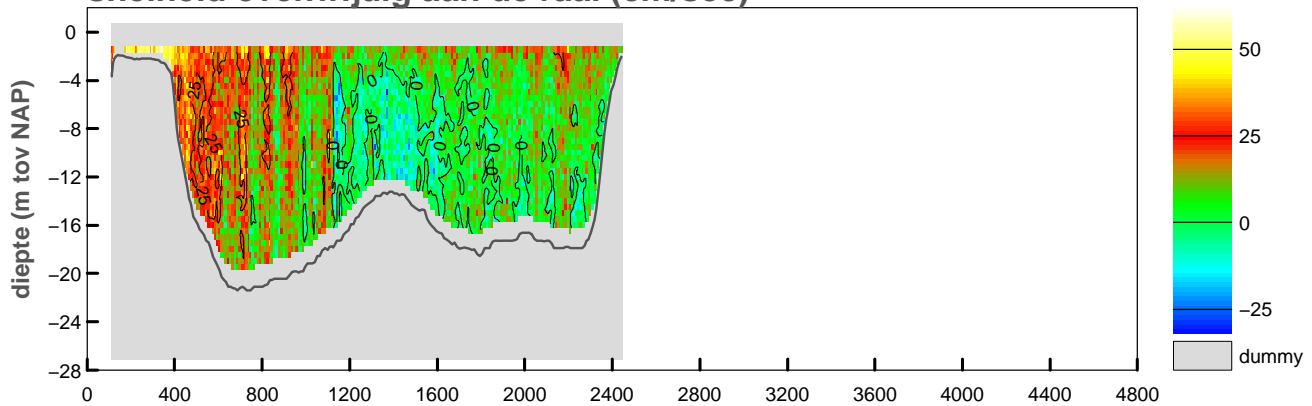
afstand uit nulpunt : 718 m
 stroomsnelheid : 105 cm/sec
 stroomrichting : 107°

doorstroomoppervlak : -35756 m²
 raaidebiet : -28081 m³/sec

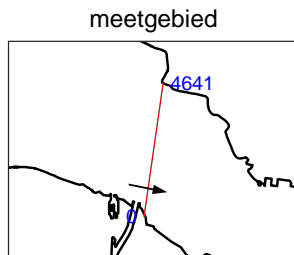
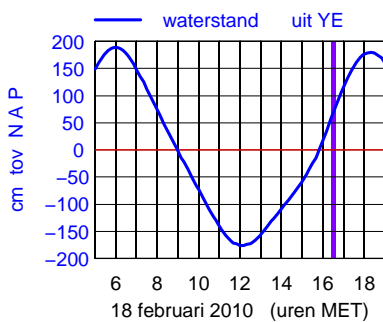
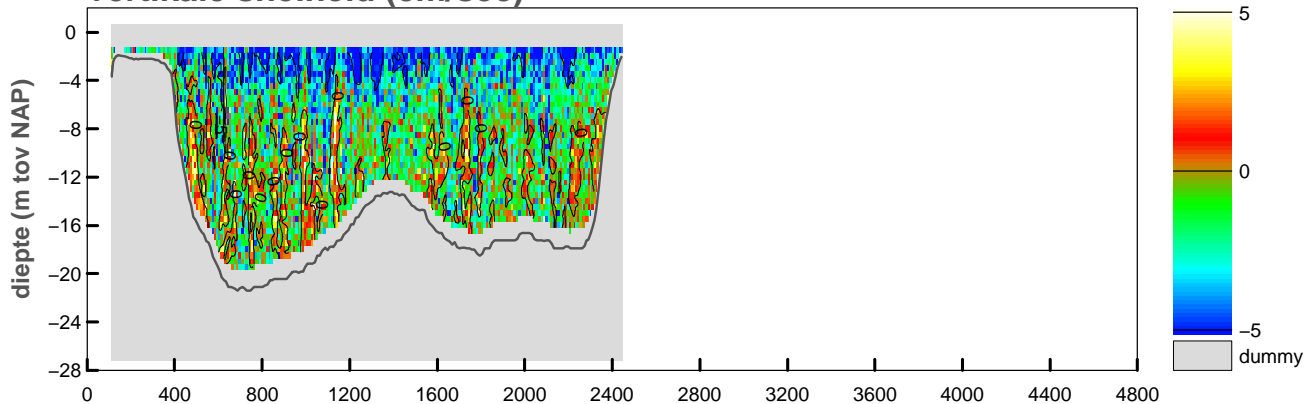
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

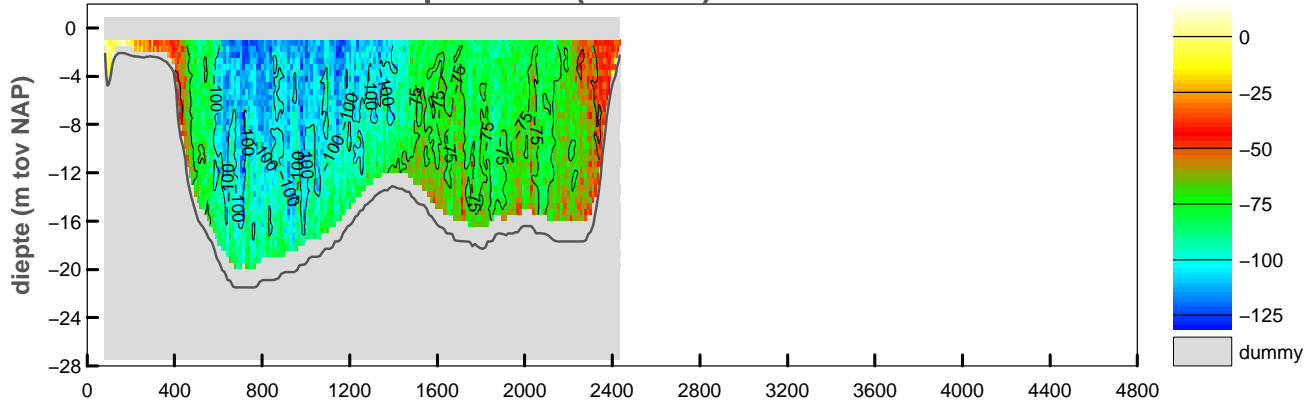


maximum gemiddelde stroom-
 snelheid in de vertikaal

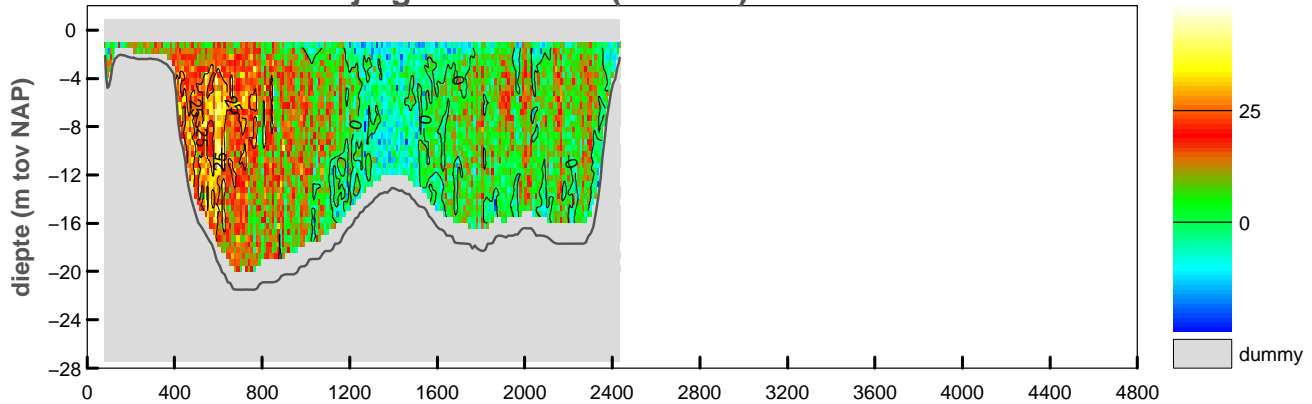
afstand uit nulpunt : 976 m
 stroomsnelheid : 109 cm/sec
 stroomrichting : 101°

doorstroomoppervlak : -36336 m²
 raaidebiet : -30313 m³/sec

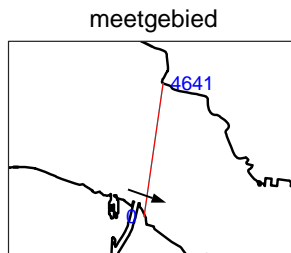
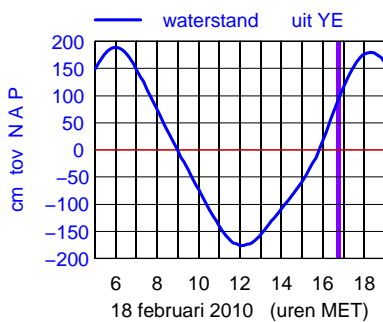
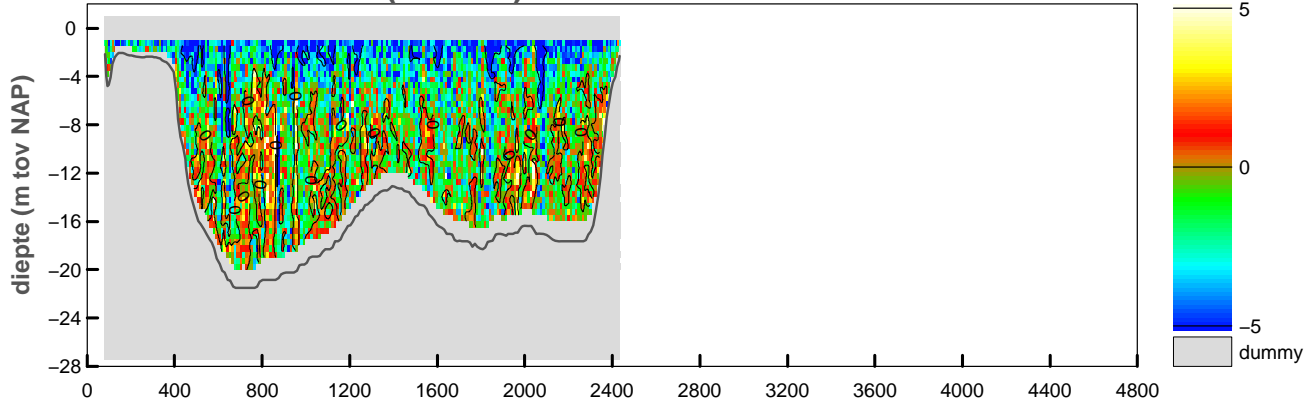
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

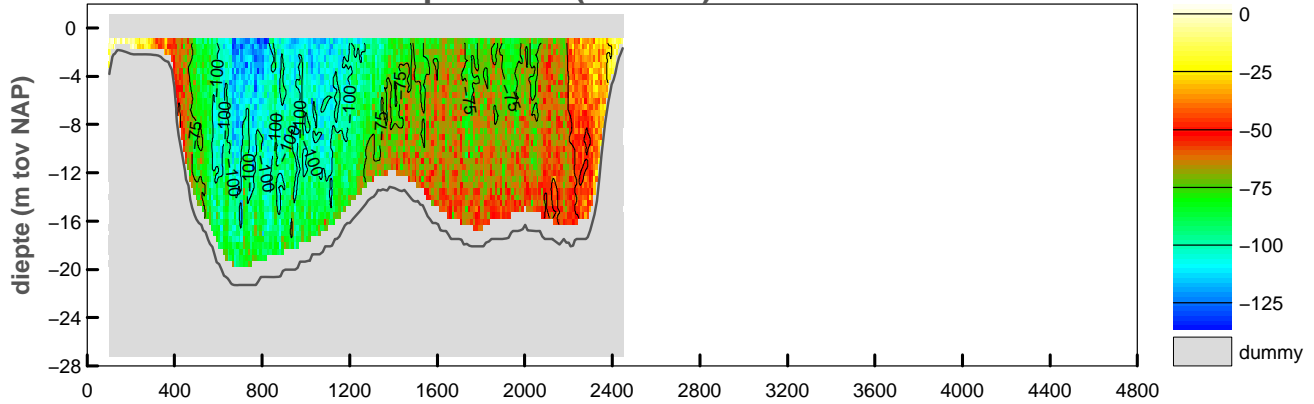


maximum gemiddelde stroom-
 snelheid in de vertikaal

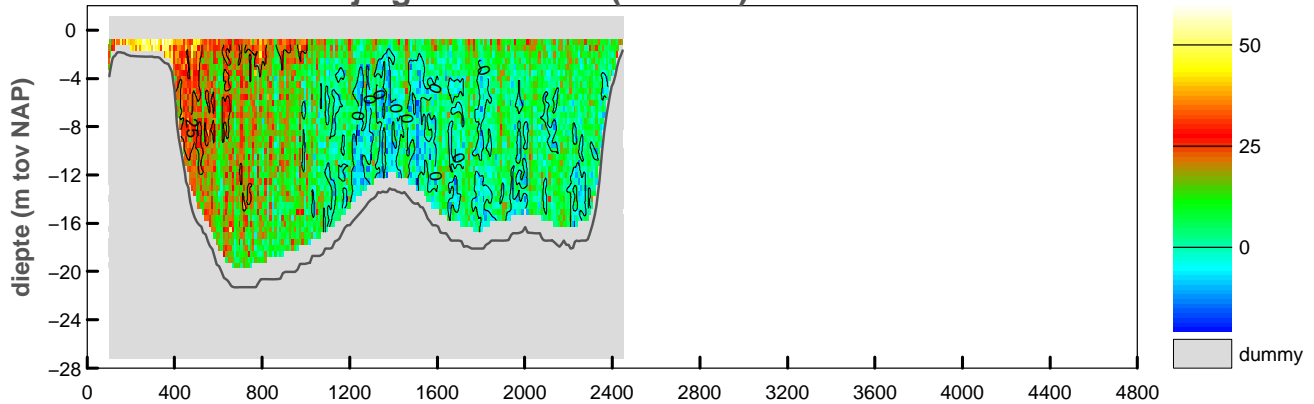
afstand uit nulpunt : 716 m
 stroomsnelheid : 111 cm/sec
 stroomrichting : 109°

doorstroomoppervlak : -36888 m²
 raaidebiet : -29844 m³/sec

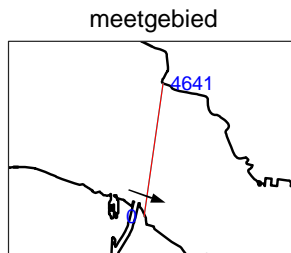
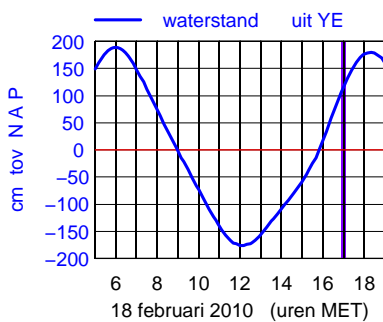
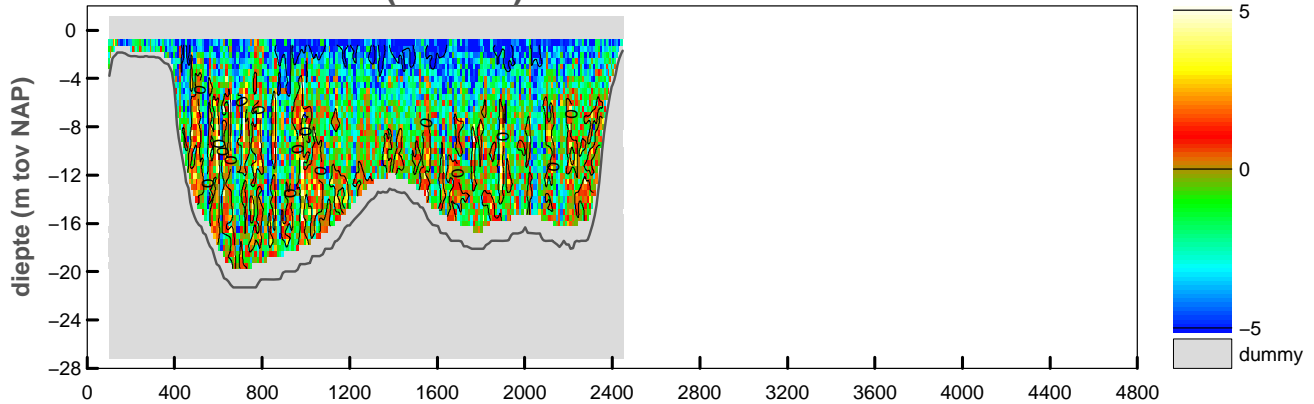
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

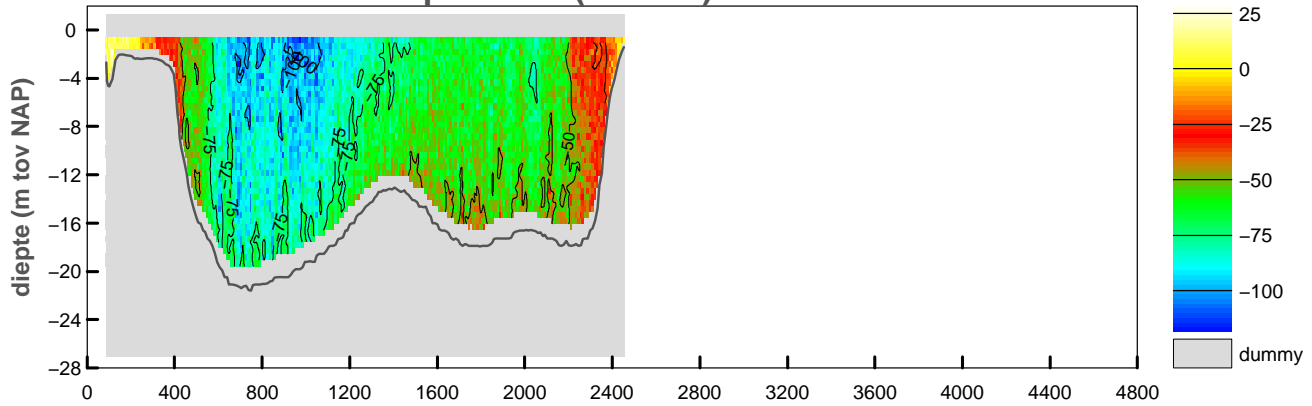


maximum gemiddelde stroom-
snelheid in de vertikaal

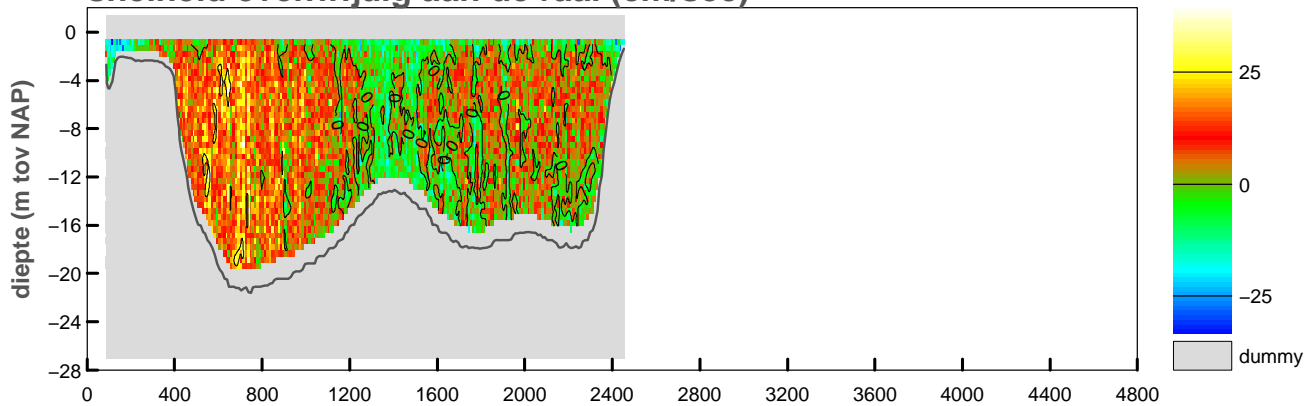
afstand uit nulpunt : 707 m
stroomsnelheid : 108 cm/sec
stroomrichting : 109°

doorstroomoppervlak : -37283 m²
raaidebiet : -27929 m³/sec

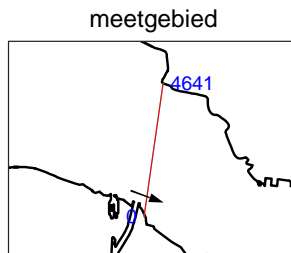
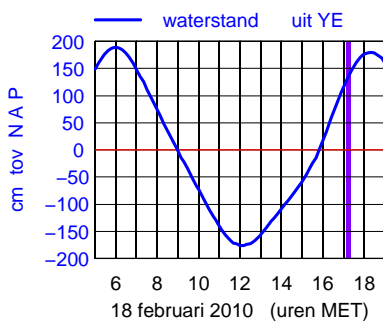
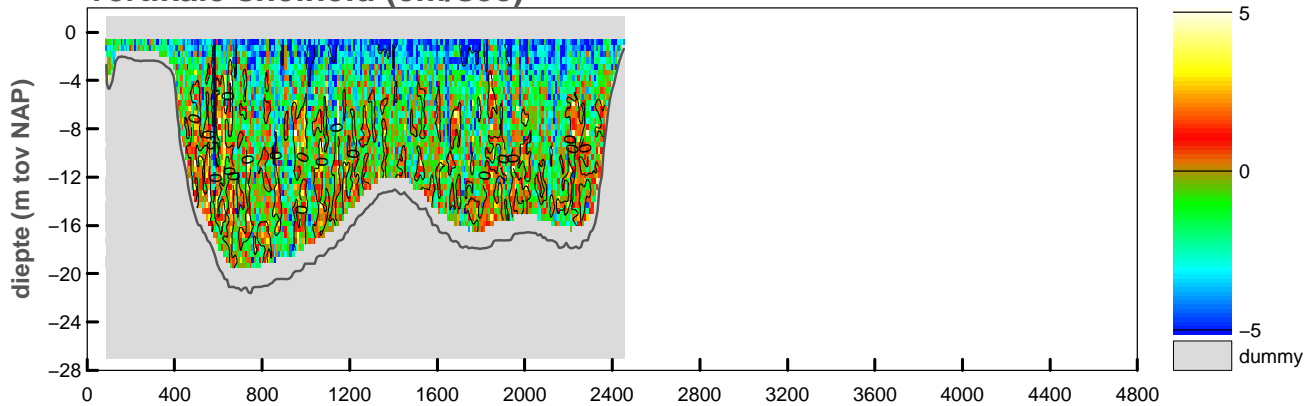
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

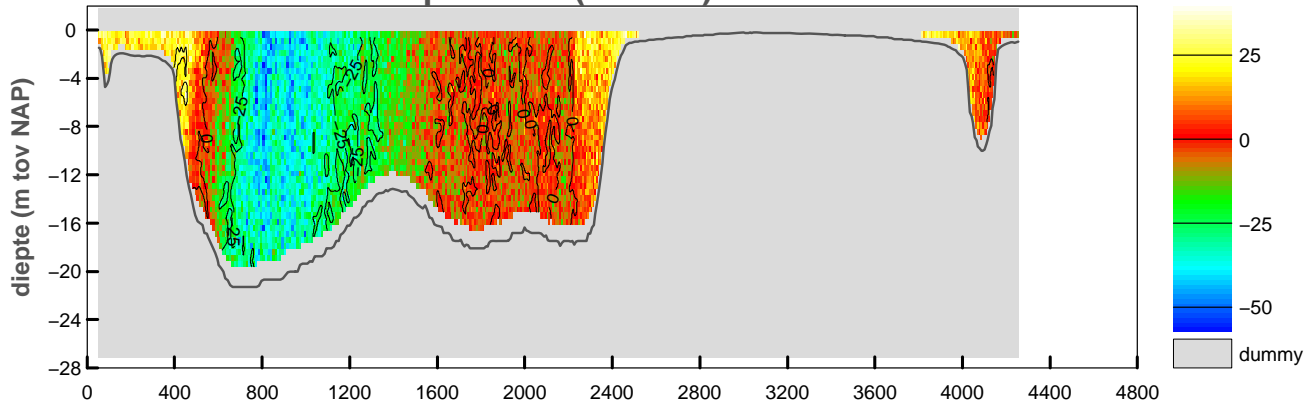


maximum gemiddelde stroom-
 snelheid in de vertikaal

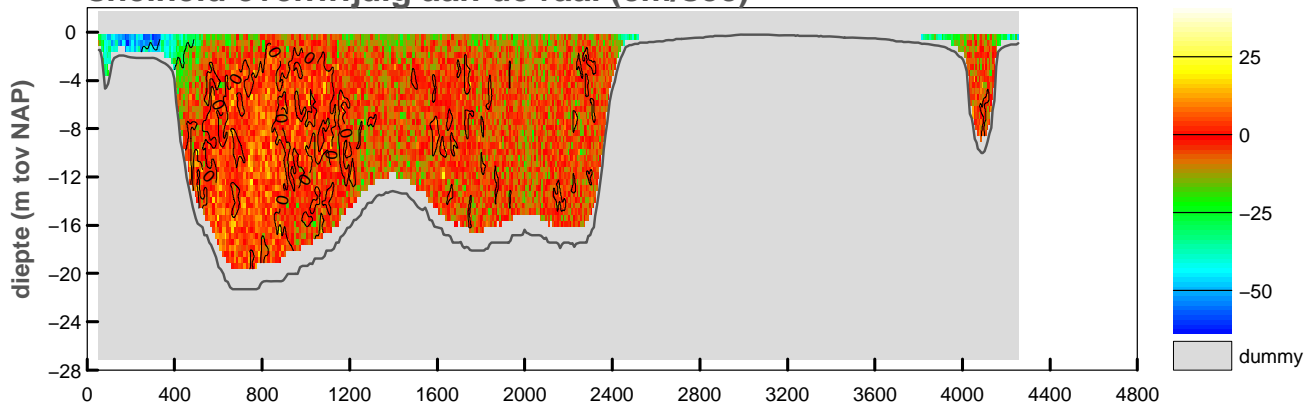
afstand uit nulpunt : 694 m
 stroomsnelheid : 96 cm/sec
 stroomrichting : 110°

doorstroomoppervlak : -37839 m²
 raaidebiet : -24236 m³/sec

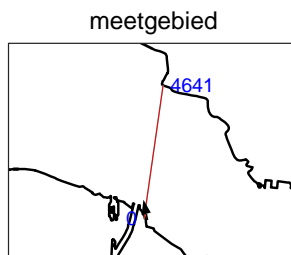
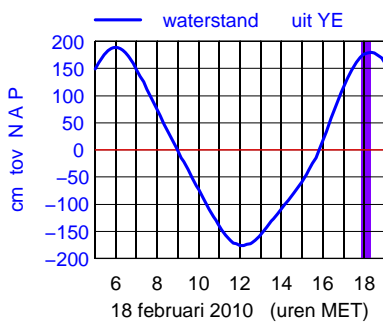
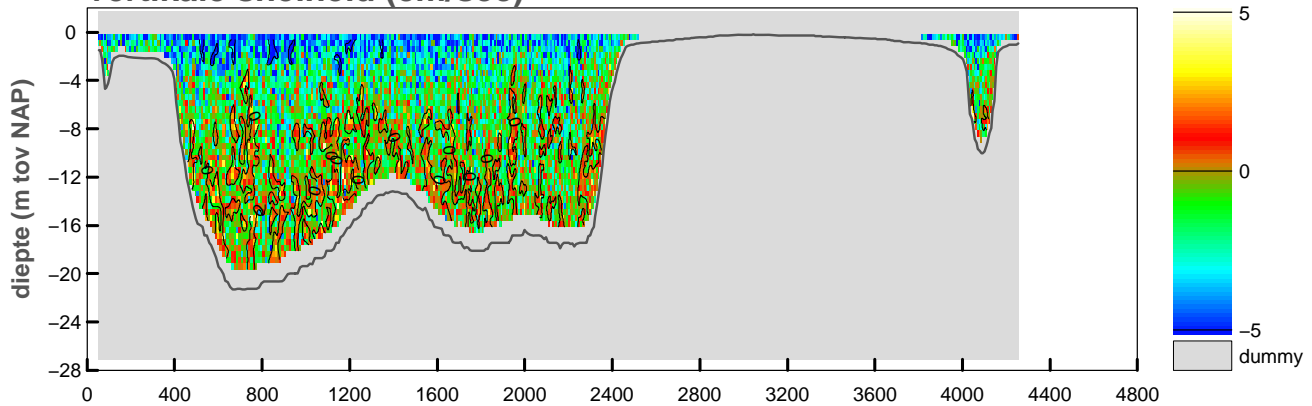
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

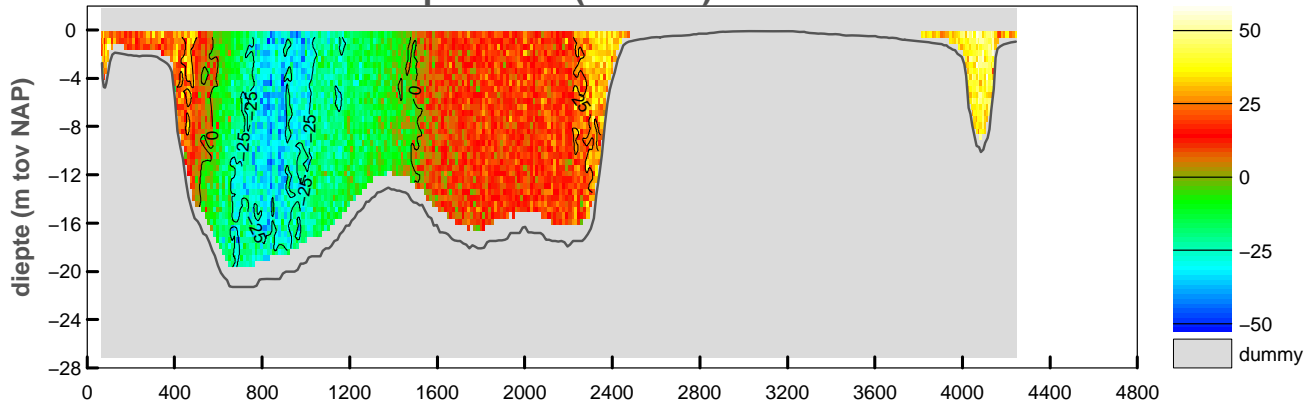


maximum gemiddelde stroom-
snelheid in de verticale

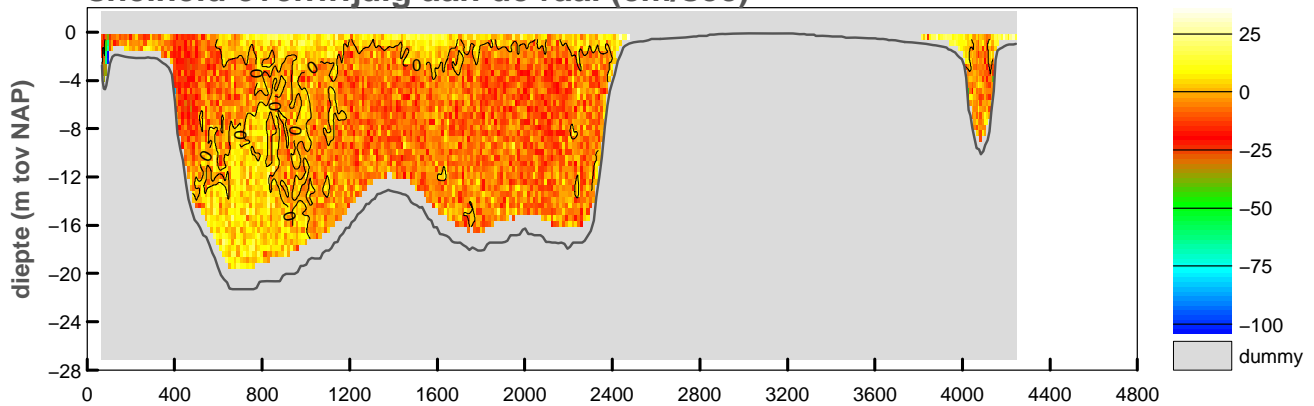
afstand uit nulpunt : 304 m
stroomsnelheid : 58 cm/sec
stroomrichting : 348°

doorstroomoppervlak : -44307 m²
raaidebiet : -3050 m³/sec

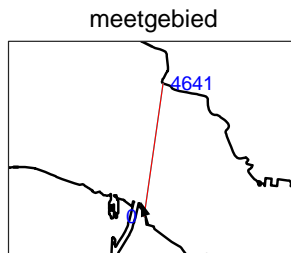
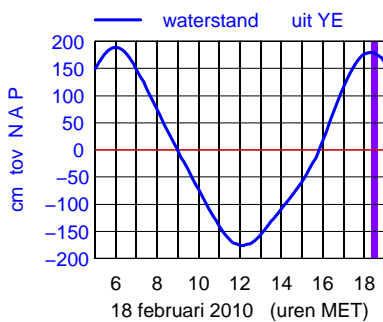
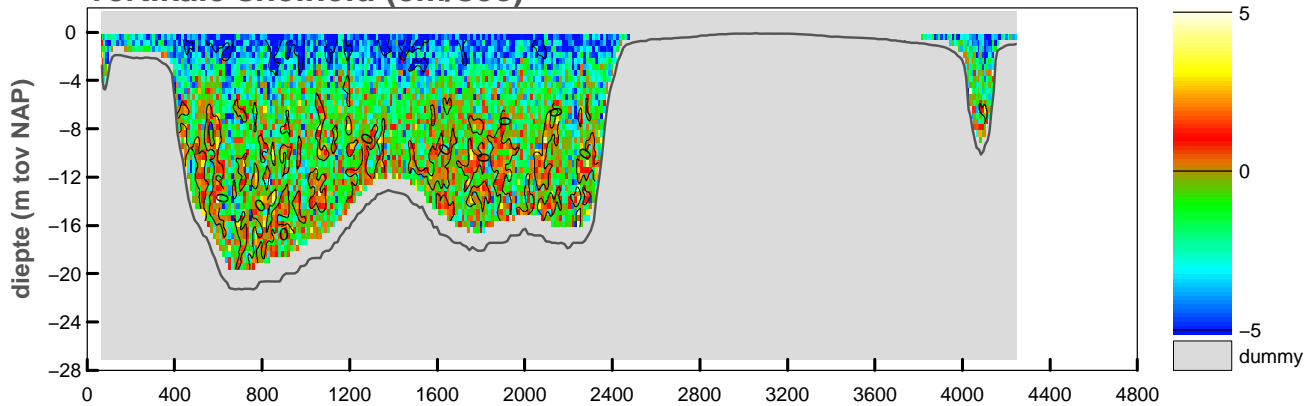
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)

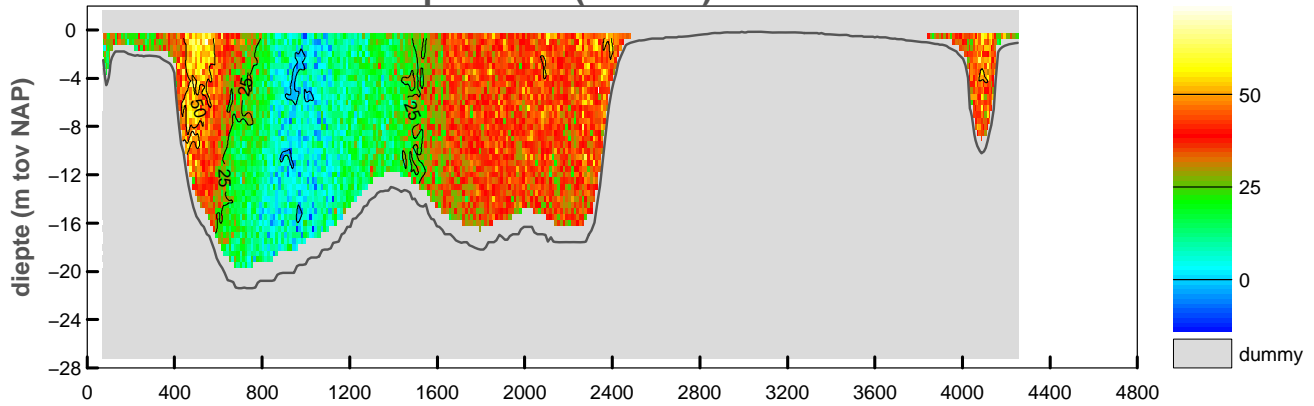


maximum gemiddelde stroom-
snelheid in de vertikaal

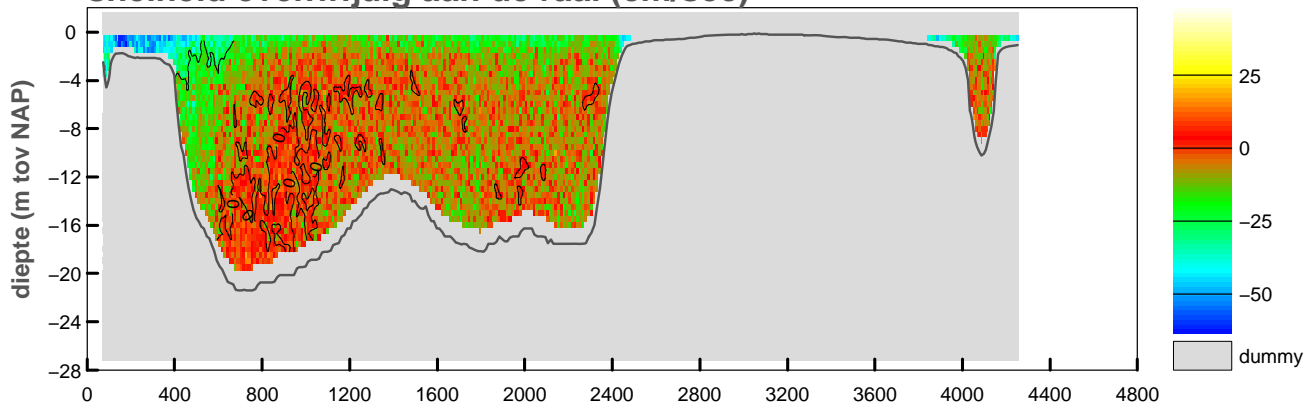
afstand uit nulpunt : 95 m
stroomsnelheid : 67 cm/sec
stroomrichting : 342°

doorstroomoppervlak : -44045 m²
raaidebiet : 1415 m³/sec

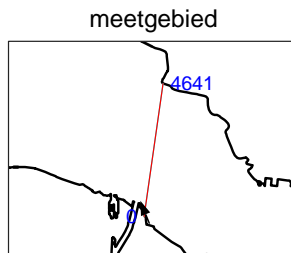
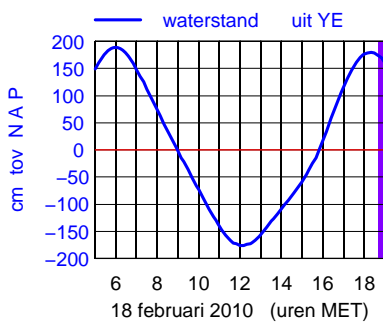
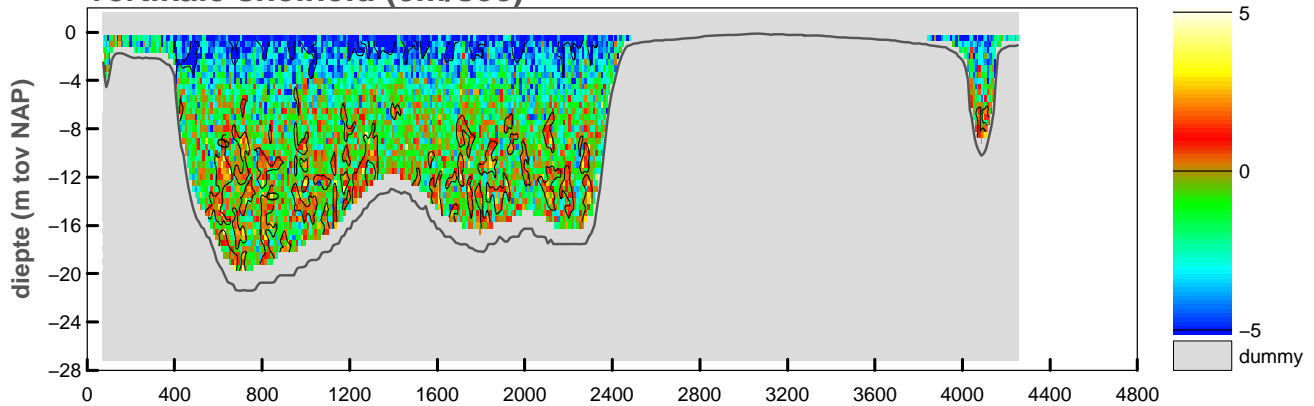
snelheid loodrecht op de raai (cm/sec)



snelheid evenwijdig aan de raai (cm/sec)



vertikale snelheid (cm/sec)



maximum gemiddelde stroom-
snelheid in de vertikaal

afstand uit nulpunt : 149 m
stroomsnelheid : 68 cm/sec
stroomrichting : 337°

doorstroomoppervlak : -43634 m²
raaidebiet : 12400 m³/sec

Bijlage 7

Profiel

Debietraai VII Oosterschelde

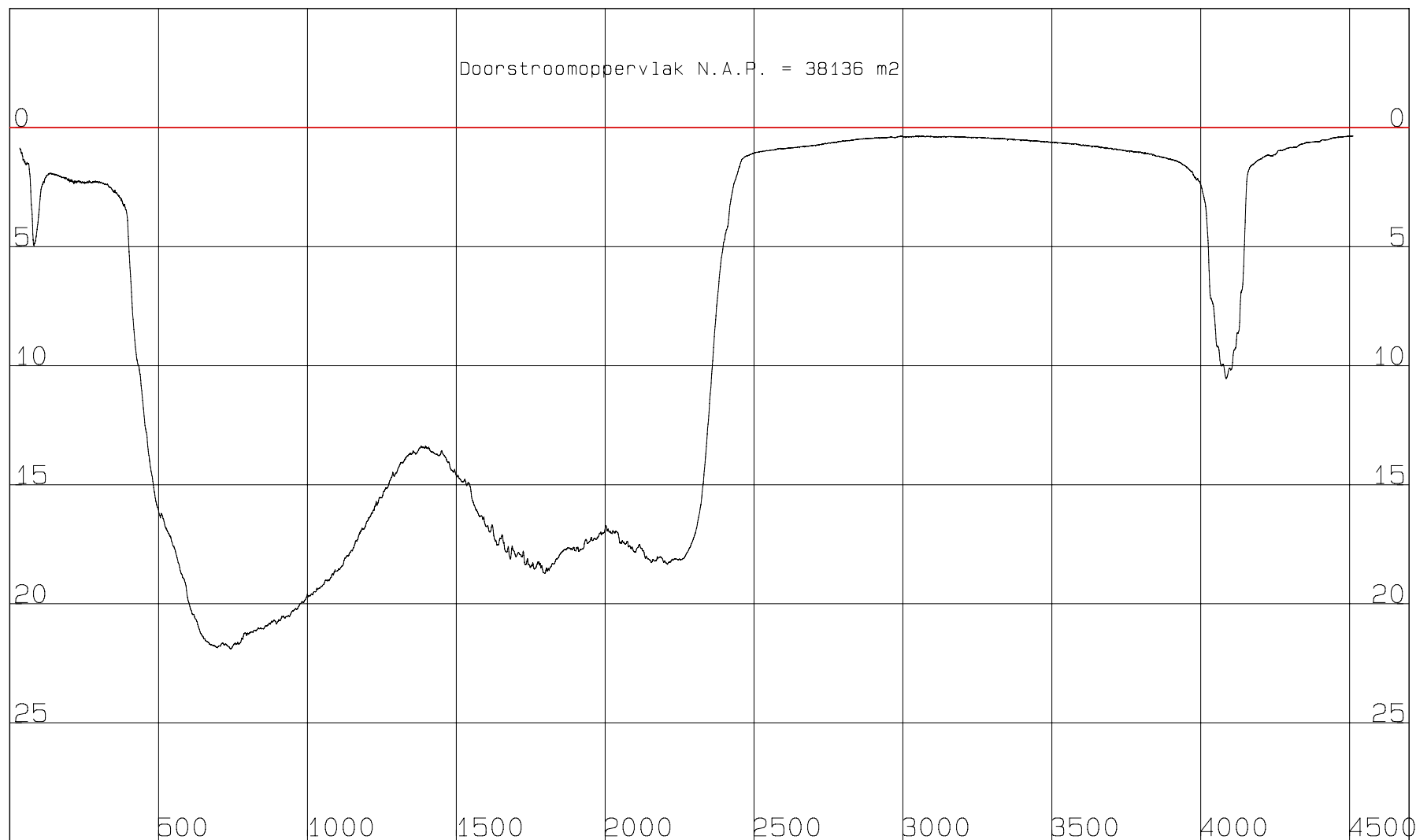
2402m1001


Notitie: ZLMD-10.N.003

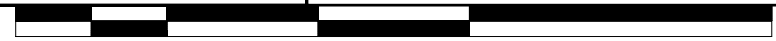
ZHS0000.250

— = RAAI_VII_GRID

— = THEOR_PROF



 Rijkswaterstaat Zeeland Meetadviesdienst	code	2402m1001	get.	WM
	schaal	20000/250	gez.	-
Oosterschelde Debietraal VII	opn.periode	18-2-2010	akk.	KM
	kaartnummer	Raai zHs0000.250		



Bijlage 8

Debiet

Debietraai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Debietraai VII Oosterschelde dd 18 februari 2010

tijd : 0553 – 1852

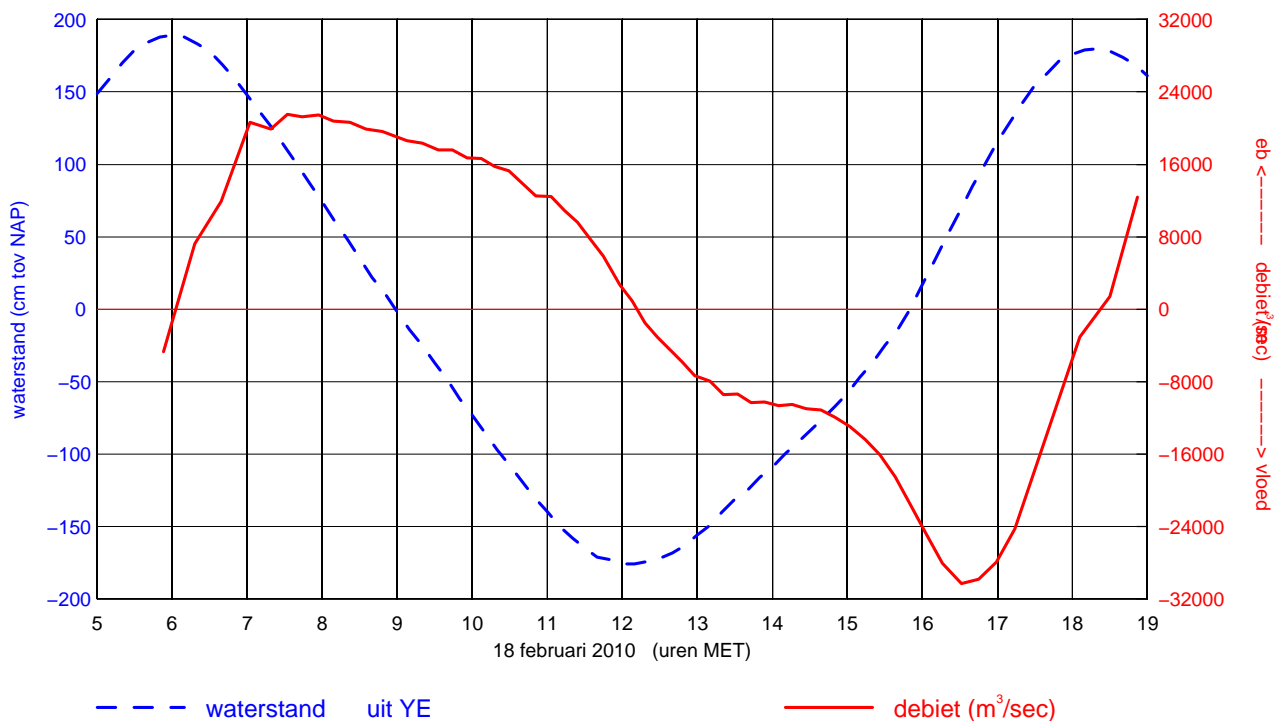
lokatiennaam :RVII

soort/fase :Q3O2

omschrijving:debiet in m³/sec

	00	10	20	30	40	50
06	-1352	3417	7675	9895	12271	16062
07	19854	20287	20043	21253	21331	21357
08	21300	20745	20669	20173	19765	19492
09	18993	18555	18360	17744	17565	17142
10	16686	16390	15656	15188	13927	12666
11	12450	11443	10130	8525	6749	4665
12	2348	438	-1839	-3357	-4737	-6137
13	-7429	-7951	-9308	-9382	-10056	-10262
14	-10452	-10569	-10671	-11019	-11194	-11963
15	-12795	-13895	-15226	-16898	-19012	-21509
16	-24092	-26598	-28677	-30164	-30012	-29160
17	-27683	-25221	-21792	-17718	-13643	-9569
18	-5495	-2306	-445	1415	6409	11402

datum	tijd	ebvolume (m ³)	vloedvolume (m ³)
20100218	0603 – 1212	330 780 448	
20100218	1212 – 1822		- 316 935 200



Bijlage 9

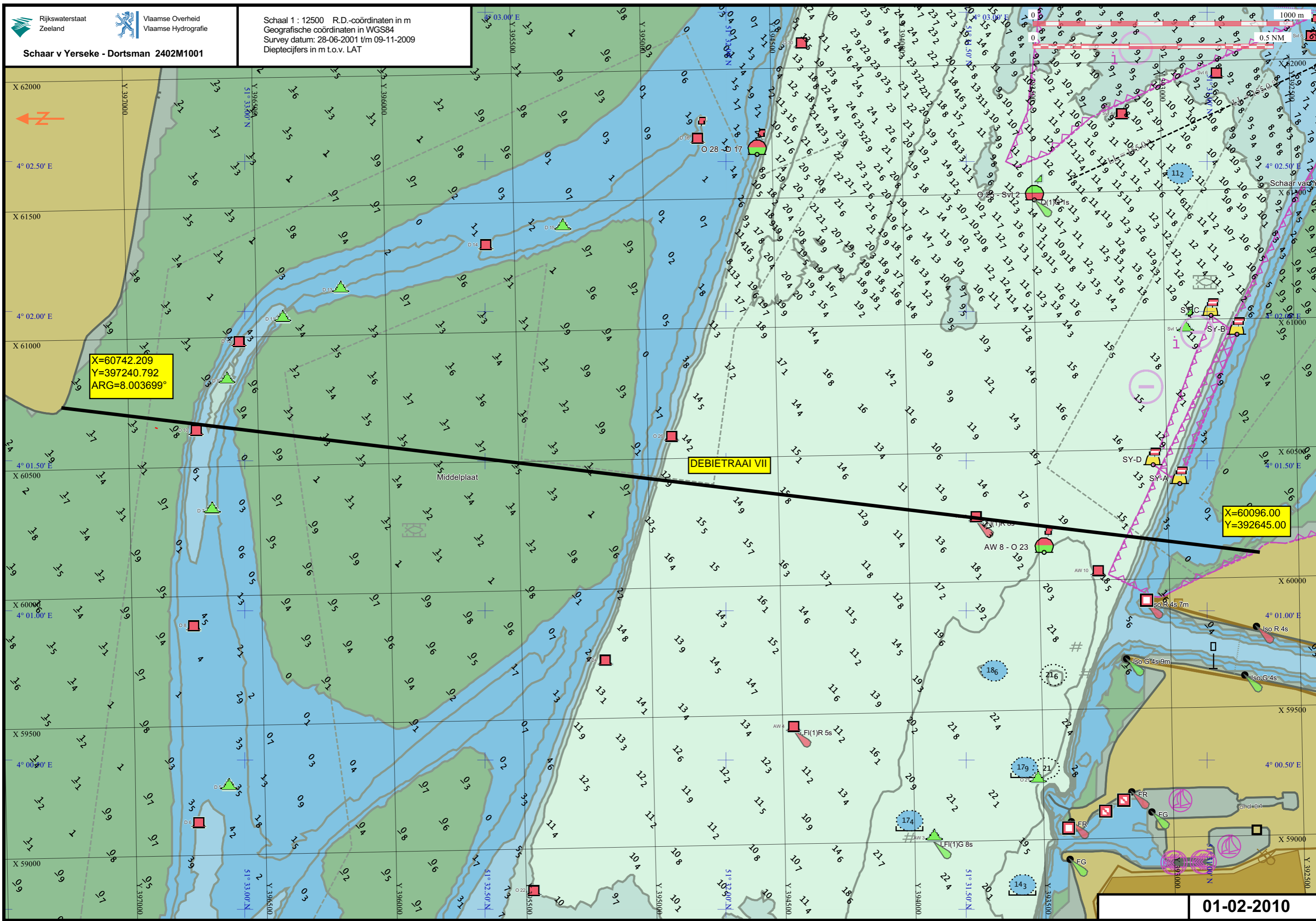
Presentatie meetgebied

Debietraai VII Oosterschelde

2402m1001

Notitie: ZLMD-10.N.003

Schaar v Yerseke - Dortsman 2402M1001



X=60742.209
Y=397240.792
ARG=8.003699°

DEBIETRAAI VII

X=60096.00
Y=392645.00

01-02-2010