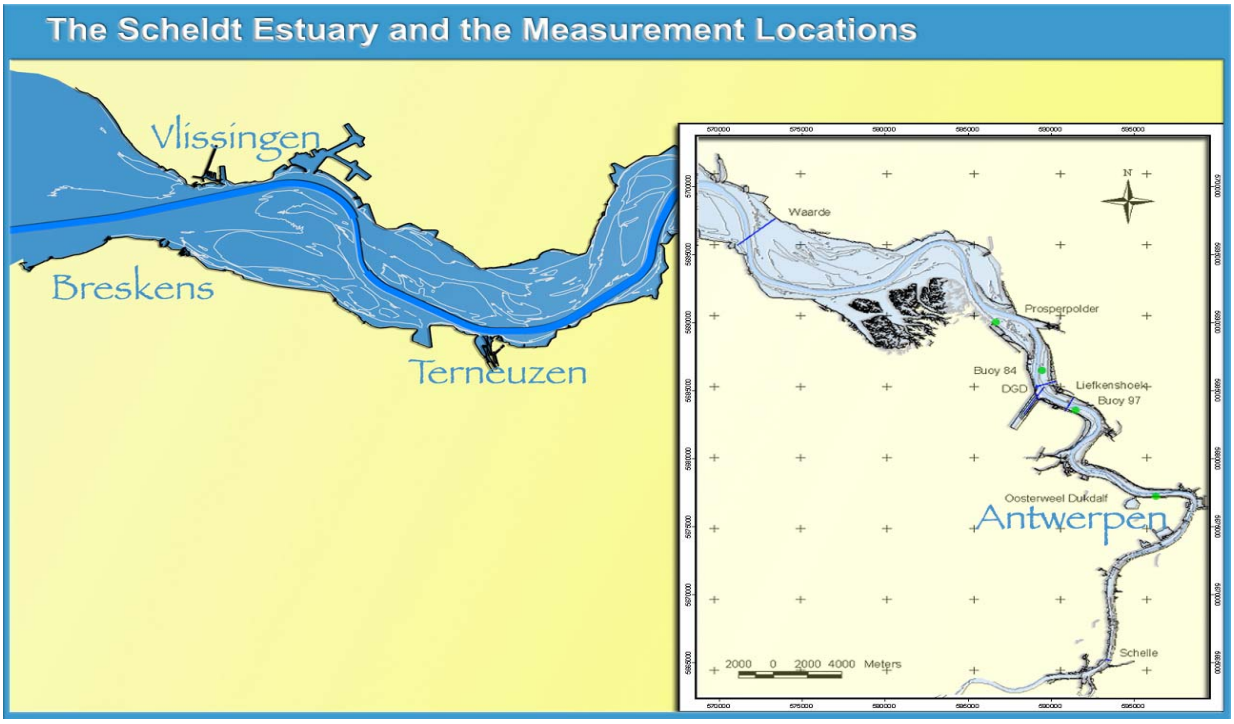
VLAAMSE OVERHEID
DEPARTEMENT MOBILITEIT EN OPENBARE WERKEN

WATERBOUWKUNDIG LABORATORIUM

Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing

Bestek 16EB/05/04



Deelrapport 3.20: Omgevingscondities in de Schelde
april – september 2008

Report 3.20: Overview of boundary conditions in the river Scheldt
April – September 2008

30 June 2009
I/RA/11283/08.096/MSA

i.s.m.

International Marine and Dredging Consultants (IMDC)
Coveliersstraat 15 – 2600 Berchem (Antwerpen) – België
tel: +32.3.270.92.95 - fax: +32.3.235.67.11
E-mail : info@imdc.be

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1. INTRODUCTION

1.1. The assignment

This report is part of the set of reports describing the results of the long-term measurements conducted in Deurganckdok aiming at the monitoring and analysis of silt accretion. This measurement campaign is an extension of the study "Extension of the study about density currents in the Beneden Zeeschelde" as part of the Long Term Vision for the Scheldt estuary. It is complementary to the study 'Field measurements high-concentration benthic suspensions (HCBS 2)'.

The terms of reference for this study were prepared by the 'Departement Mobiliteit en Openbare Werken van de Vlaamse Overheid, Afdeling Waterbouwkundig Laboratorium' (16EB/05/04). The repetition of this study was awarded to International Marine and Dredging Consultants NV in association with WL|Delft Hydraulics and Gems International on 10/01/2006. The project term was prolonged with an extra year from April 2007 till March 2008 and a second time prolonged with one extra year from April 2008 till March 2009.

Waterbouwkundig Laboratorium– Cel Hydrometrie Schelde provided data on discharge, tide, salinity and turbidity along the river Scheldt and provided survey vessels for the long term and through tide measurements. Afdeling Maritieme Toegang provided maintenance dredging data. Agentschap voor Maritieme Dienstverlening en Kust – Afdeling Kust and Port of Antwerp provided depth sounding measurements.

The execution of the study involves a twofold assignment:

- Part 1: Setting up a sediment balance of Deurganckdok covering a period of two years, i.e. 04/2007 – 03/2009
- Part 2: An analysis of the parameters contributing to siltation in Deurganckdok

1.2. Purpose of the study

The Lower Sea Scheldt (Beneden Zeeschelde) is the stretch of the Scheldt estuary between the Belgium-Dutch border and Rupelmonde, where the entrance channels to the Antwerp sea locks are located. The navigation channel has a sandy bed, whereas the shallower areas (intertidal areas, mud flats, salt marshes) consist of sandy clay or even pure mud sometimes. This part of the Scheldt is characterized by large horizontal salinity gradients and the presence of a turbidity maximum with depth-averaged concentrations ranging from 50 to 500 mg/l at grain sizes of 60 - 100 μm. The salinity gradients generate significant density currents between the river and the entrance channels to the locks, causing large siltation rates. It is to be expected that in the near future also the Deurganckdok will suffer from such large siltation rates, which may double the amount of dredging material to be dumped in the Lower Sea Scheldt.

Results from the study may be interpreted by comparison with results from the HCBS and HCBS2 studies covering the whole Lower Sea Scheldt. These studies included through-tide measurement campaigns in the vicinity of Deurganckdok and long term measurements of turbidity and salinity in and near Deurganckdok.

The first part of the study focuses on obtaining a sediment balance of Deurganckdok. Aside from natural sedimentation, the sediment balance is influenced by the maintenance and capital dredging works. This involves sediment influx from capital dredging works in the Deurganckdok, and internal relocation and removal of sediment by maintenance dredging works. To compute a sediment

balance an inventory of bathymetric data (depth soundings), density measurements of the deposited material and detailed information of capital and maintenance dredging works will be made up.

The second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok, it is important to follow the evolution of the parameters involved, and this on a long and short term basis (long term & through-tide measurements). Previous research has shown the importance of water exchange at the entrance of Deurganckdok is essential for understanding sediment transport between the dock and the Scheldt river.

1.3. Overview of the study

1.3.1. Reports

Reports of the project 'Opvolging aanslibbing Deurganckdok' between April 2008 till March 2009 are summarized in Table 1-1.

This report, report 3.20, is one of set of reports for understanding the sediment transport between Deurganckdok and the river Scheldt, which belongs to the second part of this project.

The report is also a continuation of the set of ambient conditions reports of HCBS2 (IMDC, 2005k; IMDC, 2005l; IMDC, 2006l; IMDC, 2006p) and 'Opvolging aanslibbing Deurganckdok' (IMDC, 2007b, 2007u, 2007w, 2008p, 2008q). This new ambient conditions report gives an overview of the ambient conditions from April till September 2008 in the river Scheldt. An overview of the HCBS2 and 'Opvolging aanslibbing Deurganckdok' (between April 2006 till March 2008) reports are given in APPENDIX A.

Table 1-1: Overview of Deurganckdok reports between April 2008 till March 2009

Report	Description
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.20	Sediment Balance: Three monthly report 1/4/2008 - 30/6/2008 (I/RA/11283/08.076/MSA)
1.21	Sediment Balance: Three monthly report 1/7/2008 – 30/9/2008 (I/RA/11283/08.077/MSA)
1.22	Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)
1.23	Sediment Balance: Three monthly report 1/1/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)
1.24	Annual Sediment Balance (I/RA/11283/08.080/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.20	Through tide measurement Sediview DGD during average tide Spring 2008 – 19 June 2008 (I/RA/11283/08.081/MSA)
2.21	Through tide measurement Sediview DGD during average tide Spring 2008 –26 June 2008 (I/RA/11283/08.082/MSA)
2.22	Through tide measurement Sediview DGD during neap tide Summer 2008 – 24 September 2008 (I/RA/11283/08.083/MSA)
2.23	Through tide measurement Sediview DGD during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)

Report	Description
2.24	Through tide measurement Sediview DGD during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)
2.25	Through tide measurement Sediview DGD during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)
2.26	Through tide measurement Sediview DGD during neap tide Winter 2009 (I/RA/11283/08.087/MSA)
2.27	Through tide measurement Sediview DGD during spring tide Winter 2009 (I/RA/11283/08.088/MSA)
2.28	Through tide measurement ADCP eddy DGD Summer 2008 – 1 October 2008 (I/RA/11283/08.089/MSA)
2.29	Through tide measurement Siltprofiler DGD Summer 2008 – 29 September 2008 (I/RA/11283/08.090/MSA)
2.30	Through tide measurement Siltprofiler DGD Winter 2009 (I/RA/11283/08.091/MSA)
2.31	Through tide measurement Salinity Profiling DGD Winter 2009 (I/RA/11283/08.092/MSA)
2.32	Salt-Silt distribution Deurganckdok: Six monthly report 1/4/2008 - 30/9/2008 (I/RA/11283/08.093/MSA)
2.33	Salt-Silt distribution Deurganckdok: Six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)
2.34	Calibration stationary & mobile equipment Autumn 2008 (I/RA/11283/08.095/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.20	Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)
3.21	Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)
Analysis	
4.20	Analysis of Siltation Processes and Factors (I/RA/11283/08.098/MSA)

1.3.2. Measurement actions

Following measurements have been carried out during the course of this project:

1. Monitoring upstream discharge in the river Scheldt.
2. Monitoring Salt and sediment concentration in the Lower Sea Scheldt taken from on permanent data acquisition sites at Oosterweel, Prosperpolder and up- and downstream of the Deurganckdok.
3. Long term measurement of salt distribution in Deurganckdok.
4. Long term measurement of sediment concentration in Deurganckdok
5. Monitoring near-bed processes in the central trench in the dock, near the entrance as well as near the landward end: near-bed turbidity, near-bed current velocity and bed elevation variations are measured from a fixed frame placed on the dock's bed.
6. Measurement of current, salt and sediment transport at the entrance of Deurganckdok for which ADCP backscatter intensity over a full cross section are calibrated with the Sediview

procedure and vertical sediment and salt profiles are recorded with the SiltProfiler equipment

7. Through tide measurements of vertical sediment concentration profiles -including near bed highly concentrated suspensions- with the SiltProfiler equipment. Executed over a grid of points near the entrance of Deurganckdok.
8. Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks
9. Monitoring dredging and dumping activities in the Lower Sea Scheldt

In situ calibrations were conducted on several dates to calibrate all turbidity and conductivity sensors (IMDC, 2006a; IMDC, 2007a; IMDC, 2008f; IMDC, 2008o).

1.4. Structure of this report

This report is the factual data report for two measurement actions during the period between April and September 2008:

- Monitoring salinity and sediment concentration in the Lower Sea Scheldt taken from on permanent data acquisition sites at Oosterweel, Prosperpolder and up- (buoy 97) and downstream (buoy 84) of the Deurganckdok.
- Monitoring dredging and dumping activities in the Lower Sea Scheldt.

Beside these actions, navigation and meteorological conditions are also reported.

The first chapter comprises an introduction. The second chapter describes the project. Chapter 3 summarizes the measurement campaign, while the ambient conditions are discussed in Chapter 4.

2. SEDIMENTATION IN DEURGANCKDOK

2.1. Project Area: Deurganckdok

Deurganckdok is a tidal dock situated at the left bank in the Lower Sea Scheldt, between Liefkenshoek and Doel. Deurganckdok has the following characteristics:

1. the dock has a total length of 2750 m and is 450 m wide at the Scheldt end and 400 m wide at the inward end of the dock
2. The bottom of Deurganckdok is provided at a depth of –17m TAW in the transition zones between the quay walls and the central trench and of –19m TAW in the central trench.
3. the quay walls reach up to +9m TAW

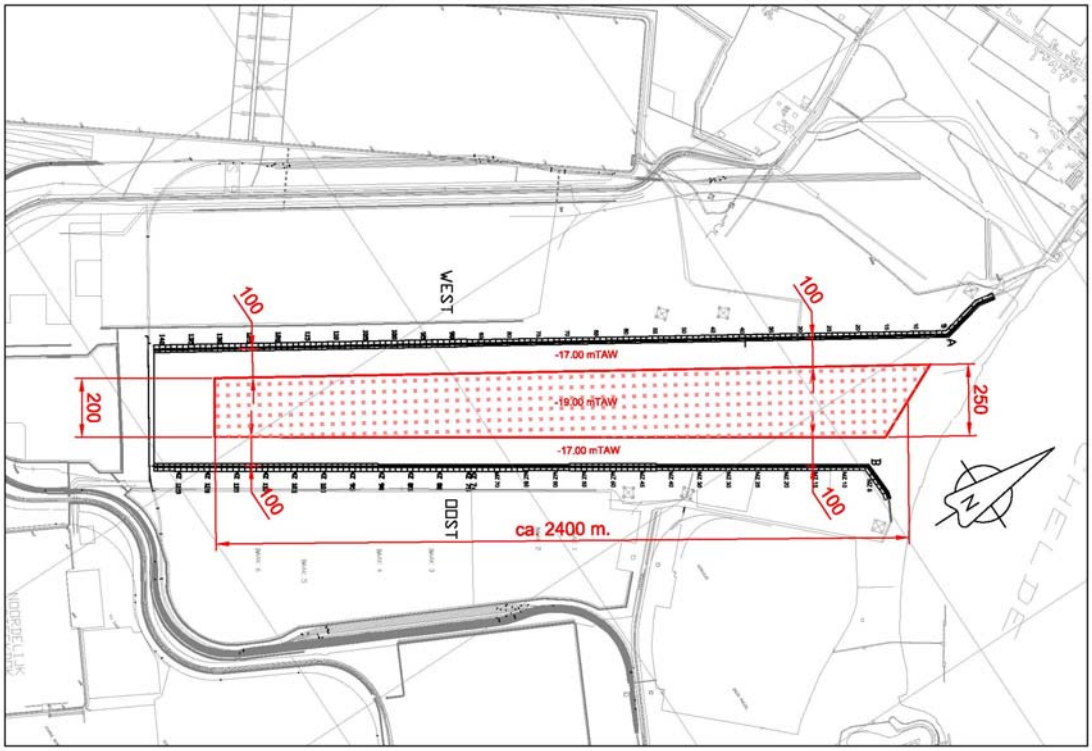

Figure 2-1: Overview of Deurganckdok

The dredging of the dock is performed in 3 phases. On 18 February 2005 the dike between the Scheldt and the Deurganckdok was breached. On 6 July 2005 Deurganckdok was officially opened. The second dredging phase was finalized a few weeks later. The first terminal operations have started since.

2.2. Overview of the studied parameters

The first part of the study aims at determining a sediment balance of Deurganckdok and the net influx of sediment. The sediment balance comprises a number of sediment transport modes: deposition, influx from capital dredging works, internal replacement and removal of sediments due to maintenance dredging (Figure 2-2).

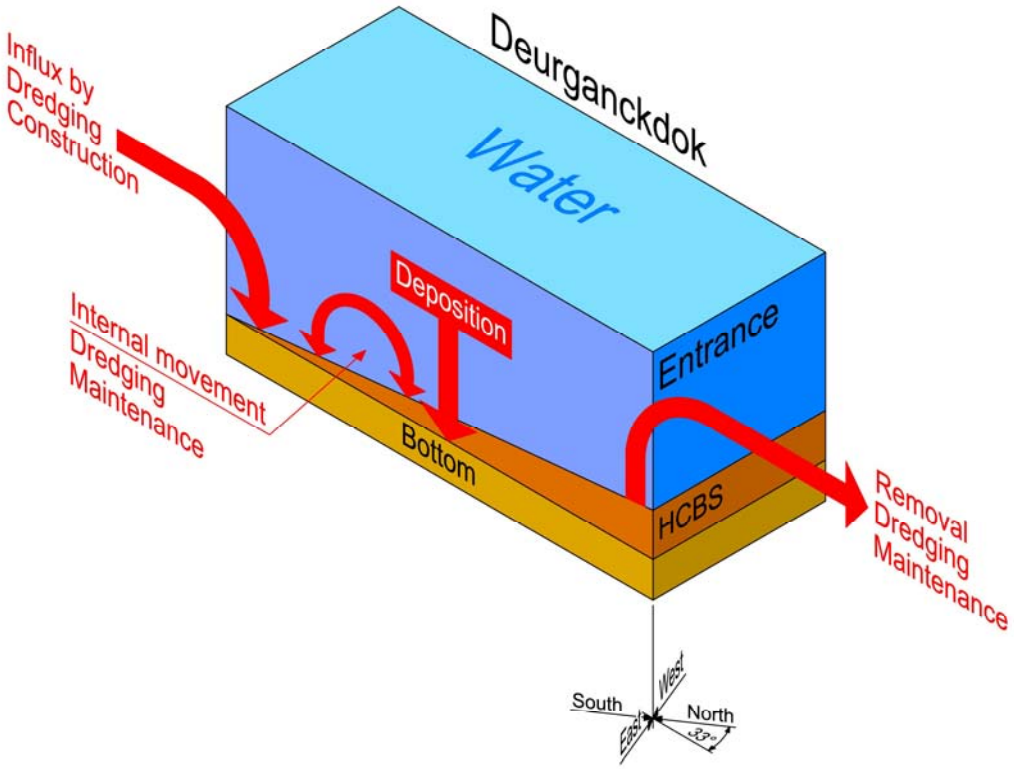

Figure 2-2: Elements of the sediment balance

A net deposition can be calculated from a comparison with a chosen initial condition t_0 (Figure 2-3). The mass of deposited sediment is determined from the integration of bed density profiles recorded at grid points covering the dock. Subtracting bed sediment mass at t_0 leads to the change in mass of sediments present in the dock (mass growth). Adding cumulated dry matter mass of dredged material removed since t_0 and subtracting any sediment influx due to capital dredging works leads to the total cumulated mass entered from the river Scheldt since t_0.

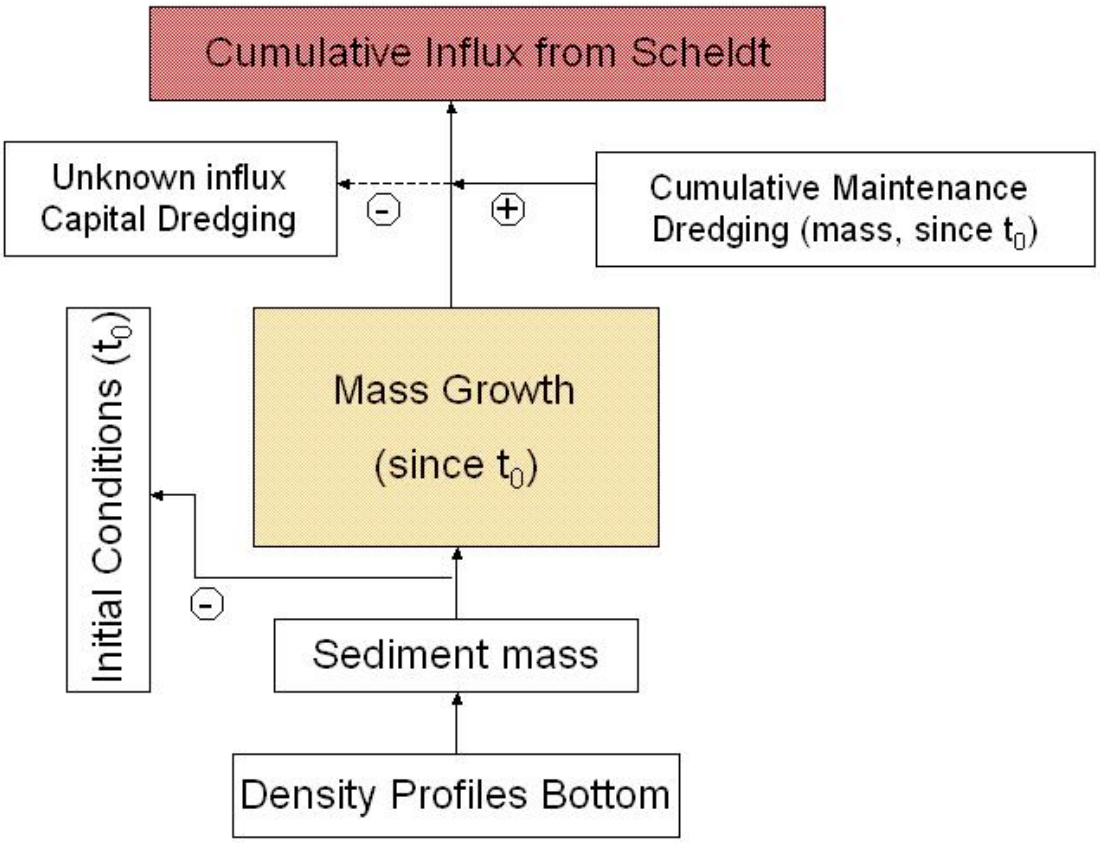

Figure 2-3: Determining a sediment balance

The main purpose of the second part of the study is to gain insight in the mechanisms causing siltation in Deurganckdok. The following mechanisms will be aimed at in this part of the study:

- Tidal prism, i.e. the extra volume in a water body due to high tide
- Vortex patterns due to passing tidal current
- Density currents due to salt gradient between the Scheldt river and the dock
- Density currents due to highly concentrated benthic suspensions

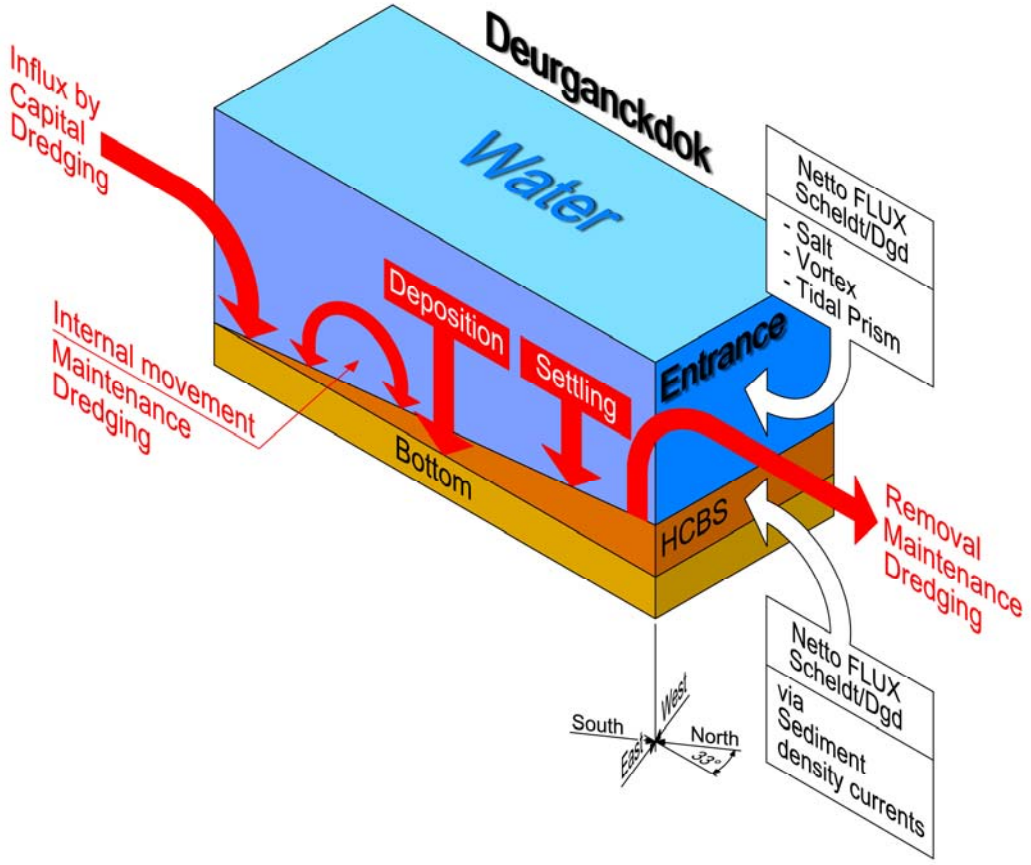

Figure 2-4: Transport mechanisms

These aspects of hydrodynamics and sediment transport have been landmark in determining the parameters to be measured during the project. Measurements will be focused on three types of timescales: one tidal cycle, one neap-spring cycle and seasonal variation within one year.

Following data are being collected to understand these mechanisms:

- Monitoring upstream discharge in the river Scheldt.
- Monitoring Salt and sediment concentration in the Lower Sea Scheldt at permanent measurement locations at Oosterweel, up- and downstream of the Deurganckdok.
- Long term measurement of salt and suspended sediment distribution in Deurganckdok.
- Monitoring near-bed processes (current velocity, turbidity, and bed elevation variations) in the central trench in the dock, near the entrance as well as near the current deflecting wall location.
- Dynamic measurements of current, salt and sediment transport at the entrance of Deurganckdok.
- Through tide measurements of vertical sediment concentration profiles -including near bed high concentrated benthic suspensions.
- Monitoring dredging activities at entrance channels towards the Kallo, Zandvliet and Berendrecht locks as well as dredging and dumping activities in the Lower Sea Scheldt.
- In situ calibrations were conducted on several dates to calibrate all turbidity and conductivity sensors.

2.3. Specific objectives of this report

The natural ambient conditions in the Scheldt estuary change from the mouth near Vlissingen to the upstream boundaries near Ghent and the tributaries. Furthermore navigation and dredging activities are important human activities in the Lower Sea Scheldt.

These natural and human conditions can help to gain insight in the mechanisms causing siltation in Deurganckdok. For this reason this report summarises the following data for the period between April and September 2008:

- Ambient characteristics in the Lower Sea Scheldt:
    - Tide
    - Current
    - Salinity
    - Temperature
    - Turbidity/Suspended sediment concentration
    - Salinity downstream
- Fresh water inflow from the tributaries
- Meteorological conditions
- Human activities
    - Dredging/dumping
    - Navigation

3. THE MEASUREMENT CAMPAIGN

3.1. Overview of the measurement campaigns

Several measurement campaigns took place between the 1st of April and the 30st of September 2008. Through tide measurement campaigns took place at the entrance of Deurganckdok, long-term salinity measurements in Deurganckdok and finally further long-term measurements were executed near buoy 84 and buoy 97.

The long-term measurements at buoys 84 and 97 started the 21st, respectively the 20th of September 2005. The IMDC instruments at buoy 84 were removed on 12/04/2007 and at buoy 97 on 02/07/2008. WL – Cel Hydrometrie Schelde, continued the measurements at buoy 84 on 09/05/2007. During the measurement period, there were short interruptions to calibrate the instruments: 13/04/2006 – 18/04/2006; 05/09/2007 – 13/09/2007 and 30/01/2008 – 06/02/2008. Table 3-1 gives an overview of the coordinates of the measurement locations and the periods when data was gathered. Considering the through tide measurements coordinates are given for the sailed transects (i.e. left bank and right bank position). Figure 3-1 shows the Lower Sea Scheldt with the measurement locations. A sketch of each measurement campaign can be found from Figure 3-2 to Figure 3-16.

A detailed description of through tide measurement campaigns and long-term salinity measurements during this reporting period can be found in IMDC reports (2008u; 2008v; 2008x; 2008b; 2009a and 2008z). The factual data of the long-term measurements near buoy 84 and buoy 97 from April until September 2008 are given in this report.

Table 3-1: Measurement locations and periods for the HCBS2 and Deurganckdok measurements (01/01/2006 – 30/09/2008)

Through tide measurements: Siltprofiler gauging points			
Location	***Easting (UTM ED 50)***	***Northing (UTM ED 50)***	***Period***
Location 1: Xa	588549	5684335	21/03/2006, 26/09/2006, 23/10/2007, 12/03/2008 & 29/09/2008
Location 2: Xb	588596	5684411	
Location 3: Xc	588643	5684486	
Location 4: Xd	588690	5684562	
Location 5: Xe	588737	5684638	
Location 6: Ya	588606	5684217	
Location 7: Yb	588653	5684293	
Location 8: Yc	588700	5684368	
Location 9: Yd	588747	5684444	
Location 10: Ye	588793	5684520	
Location 11: Za	588662	5684099	
Location 12: Zb	588709	5684174	
Location 13: Zc	588756	5684250	
Location 14: Zd	588803	5684326	
Location 15: Ze	588850	5684402	

Through tide measurements: Transects					
Location	***Easting (UTM ED 50)***		***Northing (UTM ED 50)***		***Period***
Deurganckdok (in dock) (transect Y)	Left Bank	Right Bank	Left Bank	Right Bank	21/03/2006, 26/09/2006 & 12/03/2008
	589059	591298	5684948	5683077	
Liefkenshoek (transect I)	Left Bank	Right Bank	Left Bank	Right Bank	22/03/2006, 27/09/2006 & 11/03/2008
	590318	590771	5684257	5683302	
Deurganckdok (downstream) (transect K)	Left Bank	Right Bank	Left Bank	Right Bank	22 - 23/03/2006, 27 - 28/09/2006 & 11/03/2008
	588484	589775	5684924	5685384	
Deurganckdok (entrance) (transect DGD)	Left Bank	Right Bank	Left Bank	Right Bank	22/03/2006, 27/09/2006, 24/10/2007, 11/03/2008, 19-26/06/2008 & 24-30/09/2008
	588765	588541	5684056	5684527	
Schelle (transect S)	Left Bank	Right Bank	Left Bank	Right Bank	23/03/2006 & 28/09/2006
	592645	592953	5665794	5665682	
Waarde (transect W)	Left Bank	Right Bank	Left Bank	Right Bank	23/03/2006 & 28/09/2006
	573541	571318	5696848	5694933	
Deurganckdok (in dock) (Transect X, transect Y, transect Z)	North Side	North Side	South Side	South Side	01/10/2008
	588737 588793 588850	5684638 5684520 5684402	588408 588465 588521	5684107 5683989 5683871	

Near bed continuous monitoring			
Location	***Easting (UTM ED 50)***	***Northing (UTM ED 50)***	***Period***
Deurganckdok CDW	588653	5684906	14/03/2006 – 05/04/2006
Deurganckdok CDW	588685	5684880	19/04/2006 – 23/05/2006
Deurganckdok Sill	588805	5684170	19/04/2006 – 23/05/2006
Deurganckdok CDW	588685	5684880	18/07/2006 – 11/10/2006
Deurganckdok Sill	588805	5684170	19/07/2006 – 11/10/2006
Deurganckdok CDW	588685	5684880	15/03/2007 – 12/04/2007
Deurganckdok Sill	588805	5684170	09/02/2007 – 18/04/2007
Deurganckdok CDW	588685	5684880	26/09/2007 – 05/12/2007
Deurganckdok Sill	588805	5684170	10/10/2007 – 28/11/2007
Deurganckdok CDW	588685	5684880	20/02/2008 – 02/04/2008
Deurganckdok Sill	588805	5684170	27/02/2008 – 09/04/2008
Salt Silt measurements Deurganckdok			
Location	***Easting (UTM ED 50)***	***Northing (UTM ED 50)***	***Period***
P&O 1	588074	5682942	17/03/2006 – 28/04/2006
P&O 2	588767	5684045	17/03/2006 – 28/04/2006
PSA	588536	5684523	17/03/2006 – 28/04/2006
P&O 1	588074	5682942	20/07/2006 – 12/10/2006
P&O 2	588767	5684045	20/07/2006 – 12/10/2006
PSA	588536	5684523	20/07/2006 – 12/10/2006
P&O 1	588074	5682942	12/02/2007 – 27/03/2007

P&O 2	588767	5684045	12/02/2007 – 27/03/2007
PSA	588536	5684523	12/02/2007 – 27/03/2007
P&O 1	588074	5682942	20/06/2007 – 31/07/2007
P&O 2	588767	5684045	20/06/2007 – 31/07/2007
PSA	588536	5684523	20/06/2007 – 31/07/2007
P&O 1	588074	5682942	17/09/2007 – 10/12/2007
P&O 2	588767	5684045	17/09/2007 – 10/12/2007
PSA	588536	5684523	17/09/2007 – 10/12/2007
N entrance (PSA HNN)	588536	5684523	20/02/2008 – 28/04/2008
S entrance (DB Ports)	588767	5684045	20/02/2008 – 28/04/2008
S middle (DB Ports)	588074	5682942	20/02/2008 – 28/04/2008
S back (DB Ports)	587760	5682449	20/02/2008 – 28/04/2008
N entrance (PSA HNN)	588536	5684523	14/05/2008 – 26/09/2008
S entrance (DB Ports)	588767	5684045	14/05/2008 – 26/09/2008
S middle (DB Ports)	588074	5682942	14/05/2008 – 26/09/2008
S back (DB Ports)	587760	5682449	14/05/2008 – 26/09/2008
Settling velocity – INSSEV			
Location	***Easting (UTM ED 50)***	***Northing (UTM ED 50)***	***Period***
Deurganckdok CDW	588717	5684898	05/09/2006
Deurganckdok SILL	588800	5684250	06/09/2006
Deurganckdok Western quay wall	588452	5684355	07/09/2006

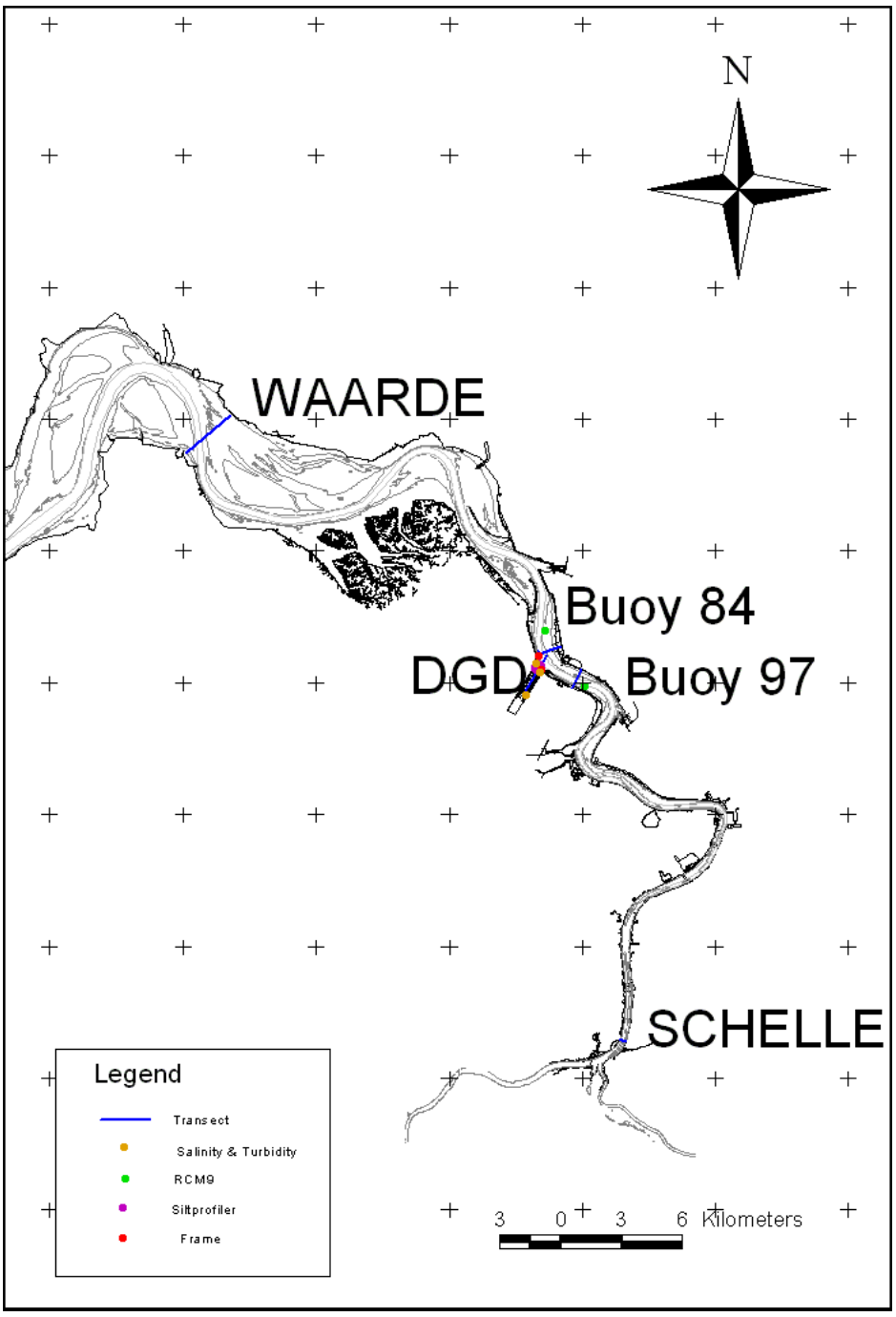

Figure 3-1: The measurement locations in the Lower Sea Scheldt and Deurganckdok (01/01/2006 – 31/03/2008)

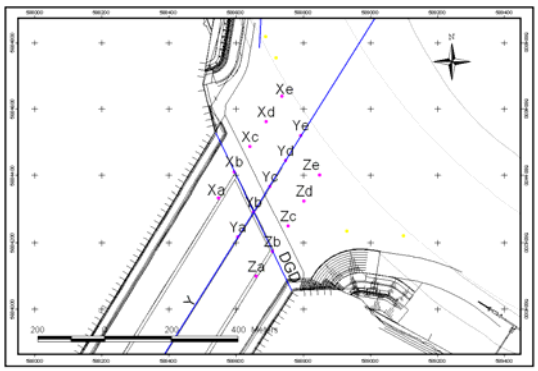

Figure 3-2: Through tide SiltProfiler measurements – Entrance Deurganckdok

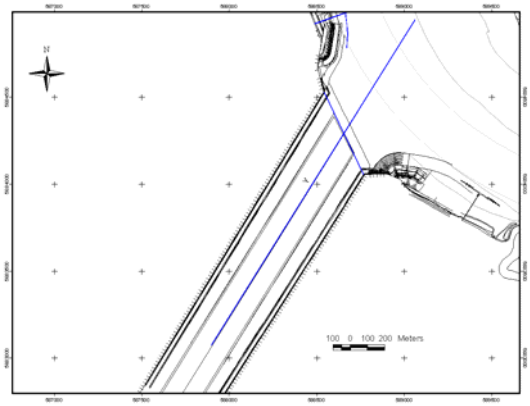

Figure 3-3: Through tide Salinity measurements – Deurganckdok (transect Y)

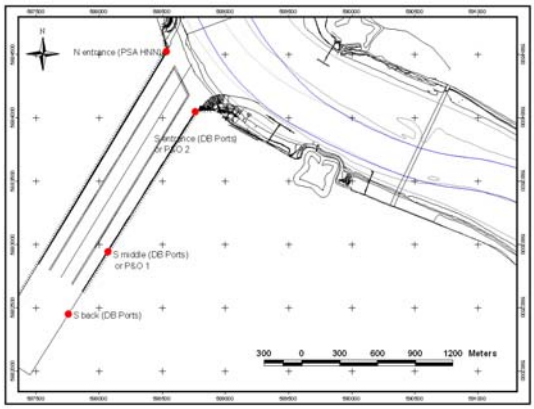

Figure 3-4: Long term salinity measurements Deurganckdok

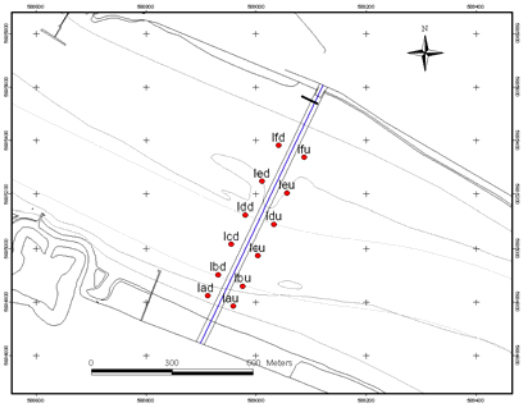

Figure 3-5: Through tide ADCP & SiltProfiler measurements – Upstream Deurganckdok (transect I)

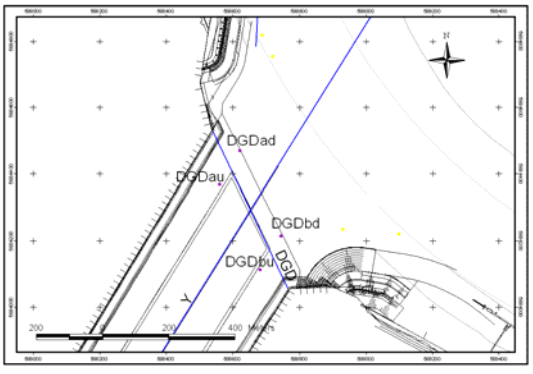

Figure 3-6: Through tide ADCP measurements – Entrance Deurganckdok (transect DGD)

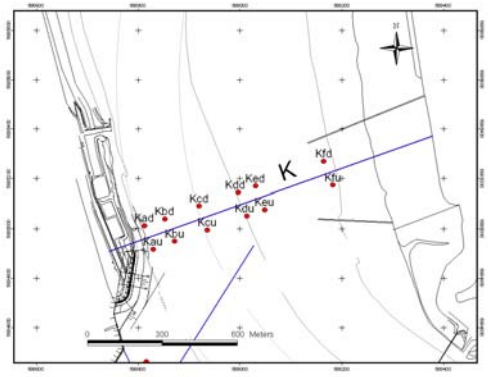

Figure 3-7: Through tide ADCP & SiltProfiler measurements – Downstream Deurganckdok (Transect K)

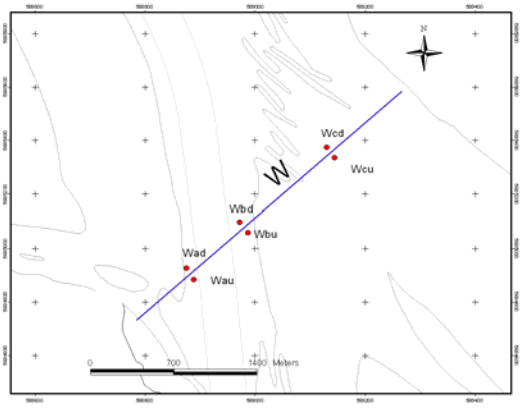

Figure 3-8: Through tide ADCP measurements - Waarde (transect W)

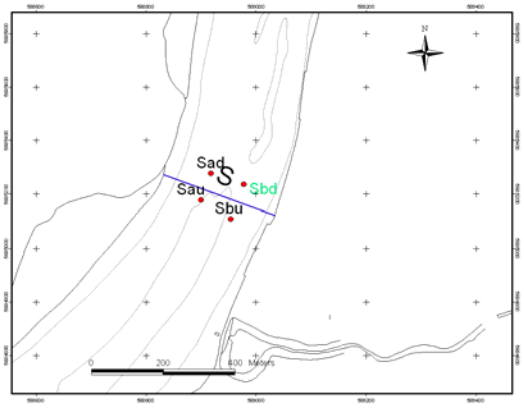

Figure 3-9: Through tide ADCP measurements - Schelle (transect S)

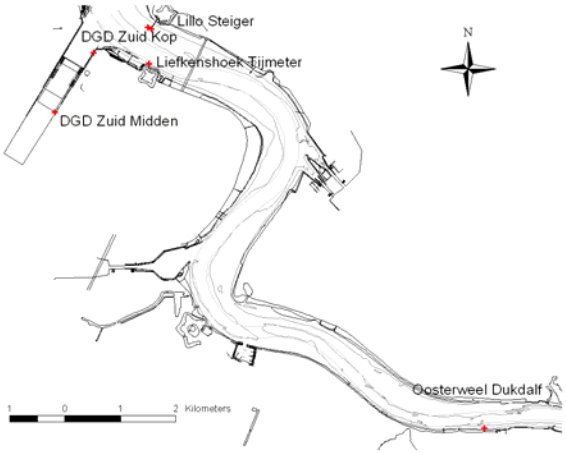

Figure 3-10: Calibration measurements - 15/03/2006 & 14/04/2006

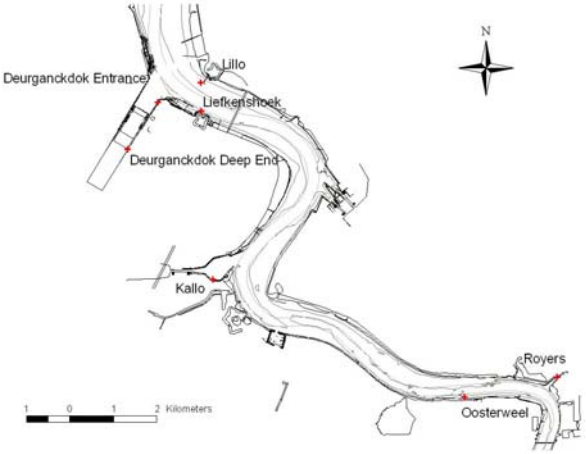

Figure 3-11: Calibration measurements – 23/06/2006 & 18/09/2008

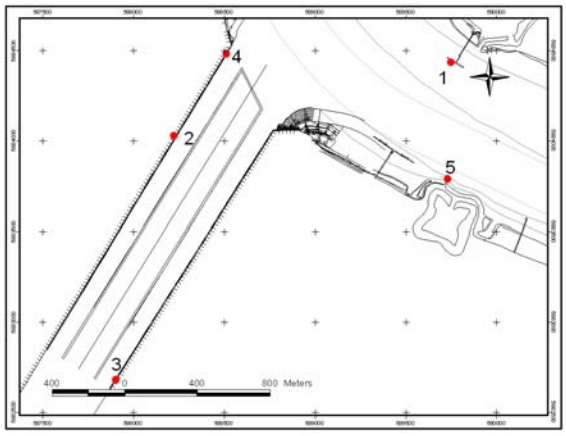

Figure 3-12:Calibration measurements – 10/09/2008

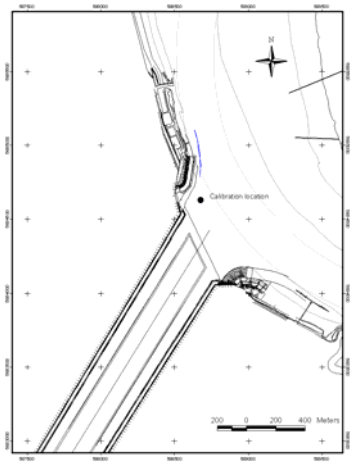

Figure 3-13:Calibration measurements – 04/02/2008 & 05/02/2008

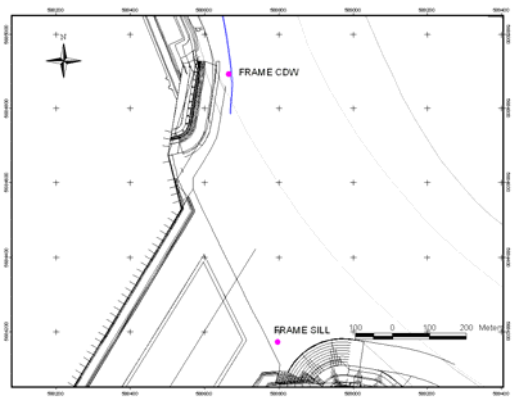

Figure 3-14:Near bed continuous monitoring

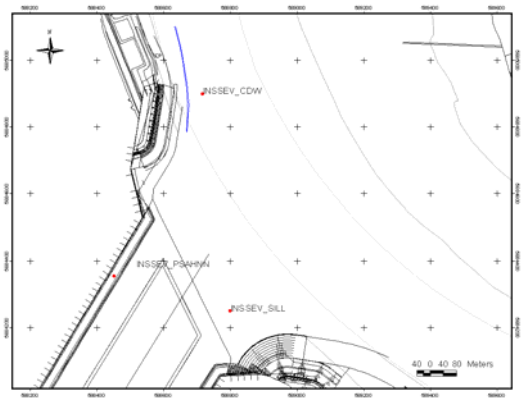

Figure 3-15: Settling velocity (INSSEV) 05/09/2006 – 07/09/2006

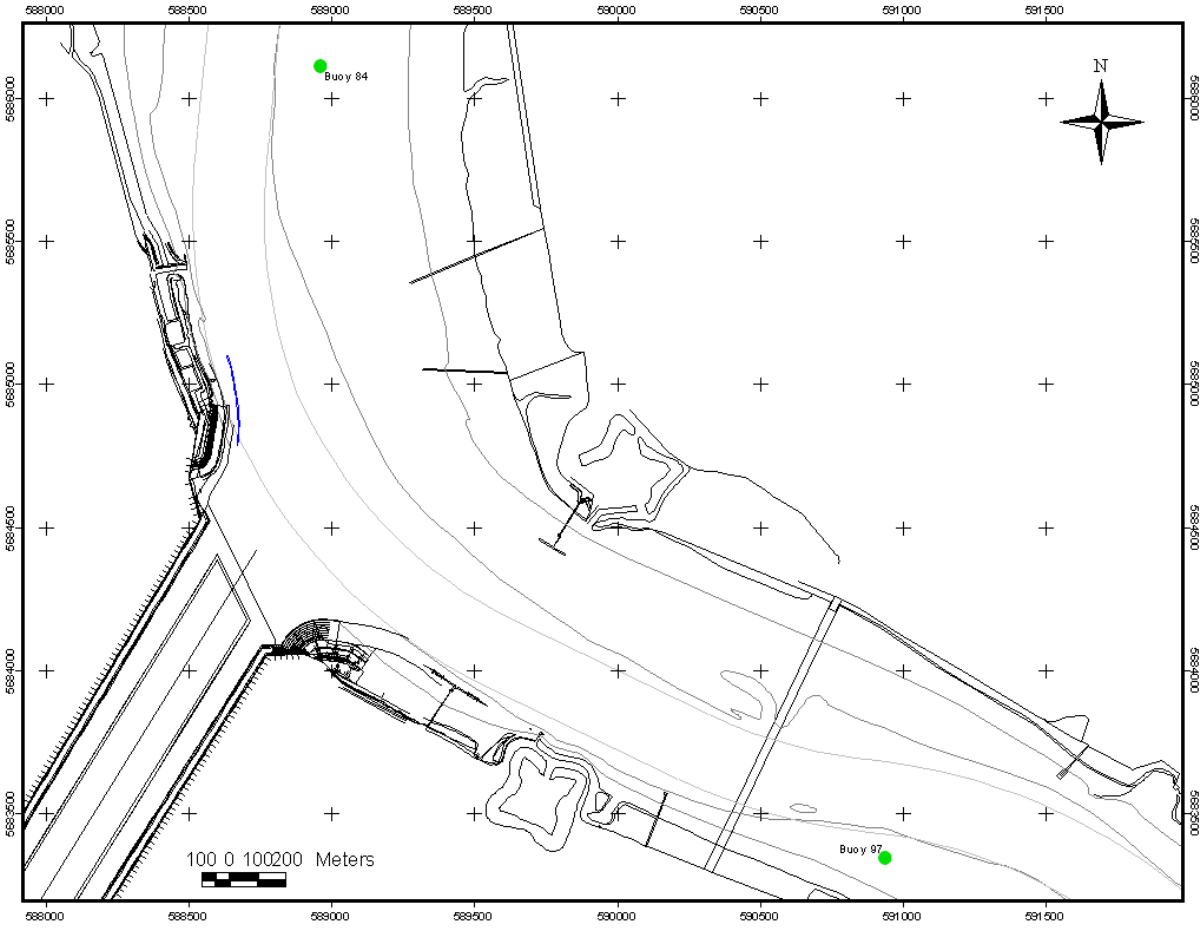

Figure 3-16: Long term measurements in the Lower Sea Scheldt

3.2. Description of the data

3.2.1. Parameters and equipment

The data gathered during the measurement campaign is current velocity, current direction, temperature, pressure and turbidity. For the through tide measurements also data about depth and position of the hard and soft bottom is collected. To report the results in most cases current velocity, current direction, temperature, salinity and suspended sediment concentration is used.

A detailed description of the data acquisition can be found in IMDC (2006b – 2006l; 2007a-2007w; 2008a – 2008aa).

During the long-term stationary at buoy 97 and buoy 84 measurements current, temperature, salinity and turbidity where measured using Aanderaa RCM-9's. A fixed set up was used in which a steel frame was placed on the bottom, with two RCM-9s suspended and held upright by subsurface buoys (Figure 3-17). The lower RCM-9 was placed at 0.80 m above the bottom, while the upper one was placed at a distance of 2.5 m above the lower one. To collect data, check and clean the instruments, the instruments were surfaced on regular bases.

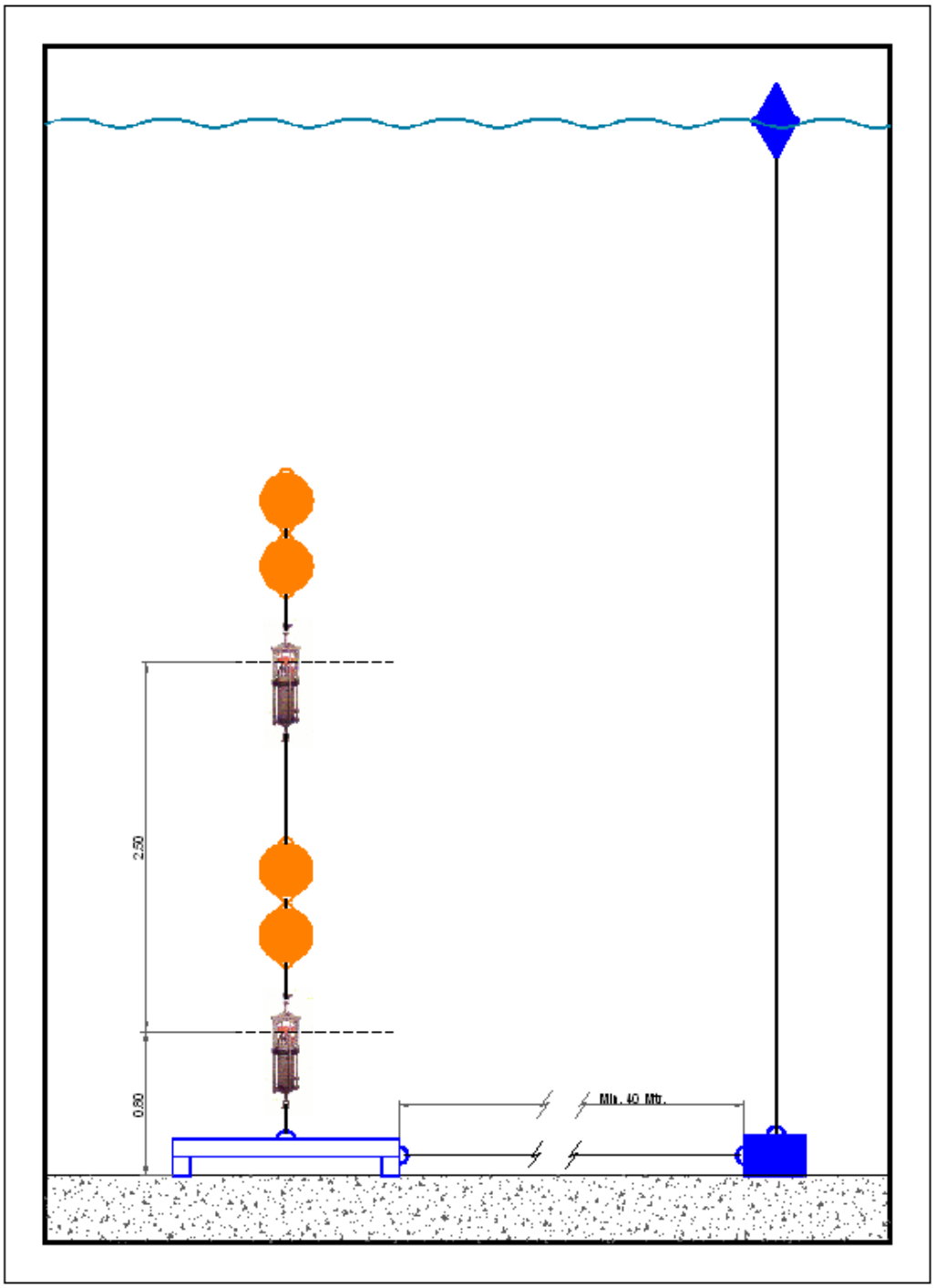

Figure 3-17: Fixed set-up for two RCM9 units with subsurface buoys (orange)

The instruments were set up to measure every 10 minutes. All sensors (temperature, pressure, conductivity, turbidity, tilting) except the Doppler Current Sensor were set to record once every 10 minutes. The Doppler Current Sensor sent 600 pings during every 10 minute-interval and calculated the average value for current speed and direction over this interval. Data storage units

in the instruments logged all the measured values. A picture of the set-up is shown in Figure 3-18. More information about the Aanderaa RCM-9 can be found in IMDC (2005l).

Figure 3-18: Set-up of two RCM-9 units

Table 3-2 gives an overview of the measured parameters during the long-term measurements and the depth at which these were registered.

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Table 3-2: The equipment and measured parameters per location (01/01/2006 – 30/09/2008)

Through tide measurements									
Location	***Period***	***Instrument***	***Velocity***	***Direction***	***Temperature***	***Pressure***	***Conductivity***	***Turbidity***	***Depth***
Deurganckdok (in dock, transect Y	21/03/06, 26/09/06 & 12/03/08	SiltProfiler			X	X	X	X	
		Echosounder							X
		Aanderaa RCM 9			X	X	X		
		CTD			X	X	X		
Liefkenshoek (transect I)	22/03/06, 27/09/06 & 11/03/08	ADCP	X	X					
		OBS			X	X	X	X	
		CTD			X	X	X		
		Pump Sampler							
		SiltProfiler			X	X	X	X	
		Echosounder							X
Deurganckdok (transect DGD)	22/03/06, 27/09/06 & 11/03/08	ADCP	X	X					
		OBS			X	X	X	X	
		CTD			X	X	X		
		Pump Sampler							
Deurganckdok (transect K)	22/03/06, 27/09/06 & 11/03/08	ADCP	X	X					
		OBS			X	X	X	X	
		CTD			X	X	X		
		Pump Sampler							
	23/03/06 & 28/09/06	SiltProfiler			X	X	X	X	
		Echosounder							X
Schelle (transect S)	23/03/06 & 28/09/06	ADCP	X	X					
		OBS			X	X	X	X	
		CTD			X	X	X		
		Pump Sampler							
Waarde (Transect W)	23/03/06 & 28/09/06	Same as Schelle (transect S)							
Deurganckdok (Transect X,Y & Z)	01/10/08	ADCP	X	X					
		CTD			X	X	X		

Near bed continuous monitoring									
Location	***Period***	***Instrument***	***Velocity***	***Direction***	***Temperature***	***Pressure***	***Conductivity***	***Turbidity***	***Depth***
Deurganckdok CDW	14/03/2006 – 05/04/2006	Valeport MIDAS OBS3+	X	X	X	X	X	X	
		Aanderaa RCM9	X	X	X	X	X	X	
		ALTUS							X
		ARGUS			X	X	X	X	
Deurganckdok CDW	19/04/2006 – 23/05/2006	Idem	Idem						
Deurganckdok Sill	19/04/2006 – 23/05/2006	Idem	Idem						
Deurganckdok CDW	18/07/2006 – 11/10/2006	Idem	Idem						
Deurganckdok Sill	19/07/2006 – 11/10/2006	Idem	Idem						
Deurganckdok CDW	15/03/2007 – 12/04/2007	Idem	Idem						
Deurganckdok Sill	09/02/2007 – 18/04/2007	Idem	Idem						
Deurganckdok CDW	26/09/2007 – 05/12/2007	Idem	Idem						
Deurganckdok Sill	10/10/2007 – 28/11/2007	Idem	Idem						
Deurganckdok CDW	20/02/2008 – 02/04/2008	Idem	Idem						
Deurganckdok Sill	27/02/2008 – 09/04/2008	Idem	Idem						

Long-term salinity measurements								
Location	***Period***	***Instrument***	***Velocity***	***Direction***	***Temperature***	***Pressure***	***Conductivity***	***Turbidity***
Deurganckdok (Quay wall)	17/03/2006 – 28/04/2006	Aanderaa RCM9	X	X	X	X	X	X
		OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	20/07/2006 – 12/10/2006	OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	12/02/2007 – 27/03/2007	OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	20/06/2007 – 31/07/2007	OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	19/09/2007 – 10/12/2007	OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	20/02/2008 – 28/04/2008	OBS 3A			X	X	X	X
Deurganckdok (Quay wall)	28/04/2008 – 08/10/2008	OBS 3A			X	X	X	X

Long-term measurements			
Location	***Period***	***Instrument***	***Depth sensor***
Buoy 84	01/01/2006 – 30/06/2006	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/01/2006 – 30/06/2006	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/07/2006 – 31/12/2006	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/07/2006 – 31/12/2006	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/01/2007 – 31/03/2007	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/01/2007 – 31/03/2007	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/04/2007 – 30/06/2007	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/04/2007 – 30/06/2007	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/07/2007 – 30/09/2007	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/07/2007 – 30/09/2007	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/10/2007 – 31/12/2007	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW

Long-term measurements			
Location	***Period***	***Instrument***	***Depth sensor***
Buoy 97	01/10/2007 – 31/12/2007	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/01/2008 – 31/03/2008	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/01/2008 – 31/03/2008	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW
Buoy 84	01/04/2008 – 30/09/2008	Aanderaa RCM 9	-5.6m TAW
		Aanderaa RCM 9	-8.1m TAW
Buoy 97	01/04/2008 – 02/07/2008	Aanderaa RCM 9	-5.3m TAW
		Aanderaa RCM 9	-7.8m TAW

3.2.2. Overview of the data acquisition (measurements buoy 84 & buoy 97)

A chronological overview of the measurements, per location and per instrument, is given in Table 3-3 as well as an explanation for missing and faulty data.

Table 3-3: Chronological overview of the RCM-9 measurements

Buoy 84 top – 3.3 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
20/09/2005				Start measurement period
01/04/2008	0579			Start reporting period
01/06/2008 – 04/06/2008	0579	X		Empty battery or bad contact
22/07/2008 – 30/07/2008	0579	X		Empty battery or bad contact
10/09/2008 – 28/09/2008	0579		X	No conductivity data
28/09/2008 – 30/09/2008	0579	X		Empty battery or bad contact
30/09/2008	0579			End reporting period
Buoy 84 bottom – 0.8 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
20/09/2005				Start measurement period
01/04/2008	0248			Start reporting period
30/09/2008	0248			End reporting period
Buoy 97 top – 3.3 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
21/09/2005				Start measurement period
01/04/2008	1220			Start reporting period
02/07/2008	1220			End reporting period
Buoy 97 bottom – 0.8 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
21/09/2005				Start measurement period
01/04/2008	1229			Start reporting period
07/05/2008 – 21/05/2008	1229	X		Bad battery connection
21/05/2008 – 16/06/2008	1229		X	Bad turbidity data
16/06/2008	1169			Instrument change
02/07/2008	1169			End reporting period

3.3. Processing of datasets

3.3.1. Methodology of Processing

The collected data was validated and outliers were removed. Erroneous measurements because of malfunction of sensors, growth on sensors, instrument failure were also removed from the dataset and are documented in 3.2.2.

Salinity was calculated using the temperature, conductivity and pressure in the pss-78 formula (Unesco, 1991 & IMDC, 2002).

Turbidity values were converted to suspended sediment concentration using the equation of the calibration curve. By submerging each turbidity sensor in clean water at almost every redeployment, the bias of the turbidity sensors was tested.

The calibration procedure and calibration graphs can be found in IMDC (2006a, 2007a, 2008f and 2008o).

3.3.2. Results (weekly)

Measurements are visualized per instrument, location and per week in APPENDIX B.

- The title shows the week number followed by the year
- The first graph shows the current velocity and the current direction. The direction is scaled from 0 to 360
- The second graph depicts the salinity and temperature
- The third and last graph shows the waterlevel at the nearest tidal gauge and the suspended sediment concentration

All times are given in MET.

3.3.3. Results (monthly)

Monthly results are reported in APPENDIX B. The minimum, maximum and average value for velocity magnitude, temperature and suspended sediment concentration is given for every month. For salinity the minimum, maximum and mean are calculated for both high water slack and low water slack.

3.3.4. Results (deployment period)

An overview of the evolution of the monthly minimum, maximum and average values for velocity magnitude, temperature and suspended sediment concentration is given in APPENDIX B. For salinity the minimum, maximum and mean are given for both high water slack and low water slack. The graphs are given for the whole deployment period (September 2005 – September 2008).

3.3.5. Total results (April 2008 – September 2008)

The results for the whole deployment period are also given in APPENDIX B. The minimum, maximum and average value for velocity magnitude, temperature and suspended sediment concentration is given for the period from April 2008 till September 2008. For salinity the minimum, maximum and mean are calculated for both high water slack and low water slack is given.

4. AMBIENT CONDITIONS

4.1. Environmental characteristics in the Lower Sea Scheldt

4.1.1. Other measurement campaigns

Beside the RCM-9 measurements at buoy 97 and 84 also other long-term measurements were executed in the Lower Sea Scheldt. At Oosterweel left bank (or Dukdalf), current, temperature, salinity and turbidity measurements were conducted using 2 Aanderaa RCM-9 units. Another RCM-9 unit was also used at Prosperpolder, where only temperature and salinity measurements were conducted. These instruments were suspended from a mooring post at fixed distances from the bottom. These measurements were set up and maintained by WL – Cel Hydrometrie Schelde. Figure 4-1 shows an overview of all the measurement locations (including locations of HCBS2 measurements).

The data of these measurements was processed by IMDC and is presented in APPENDIX C. Calibration of the turbidity sensors was executed by IMDC during the summer calibration of 2006 and winter calibration of 2008. Further details of this calibration can be found in IMDC (2007a and 2008o).

Table 4-1: Measurement locations and periods at Oosterweel (left bank) & Prosperpolder .

Location	***Depth sensor***	***Easting (UTM ED50)***	***Northing (UTM ED50)***	***Period***
Oosterweel (left bank)	4.5m above bottom (-2.3m TAW)	595574	5677278	01/04/2008 – 30/09/2008
Oosterweel (left bank)	1m above bottom (-5.8m TAW)	595574	5677278	01/04/2008 – 30/09/2008
Prosperpolder	2.5m above bottom (-1.5m TAW)	586307	5689501	01/04/2008– 30/09/2008

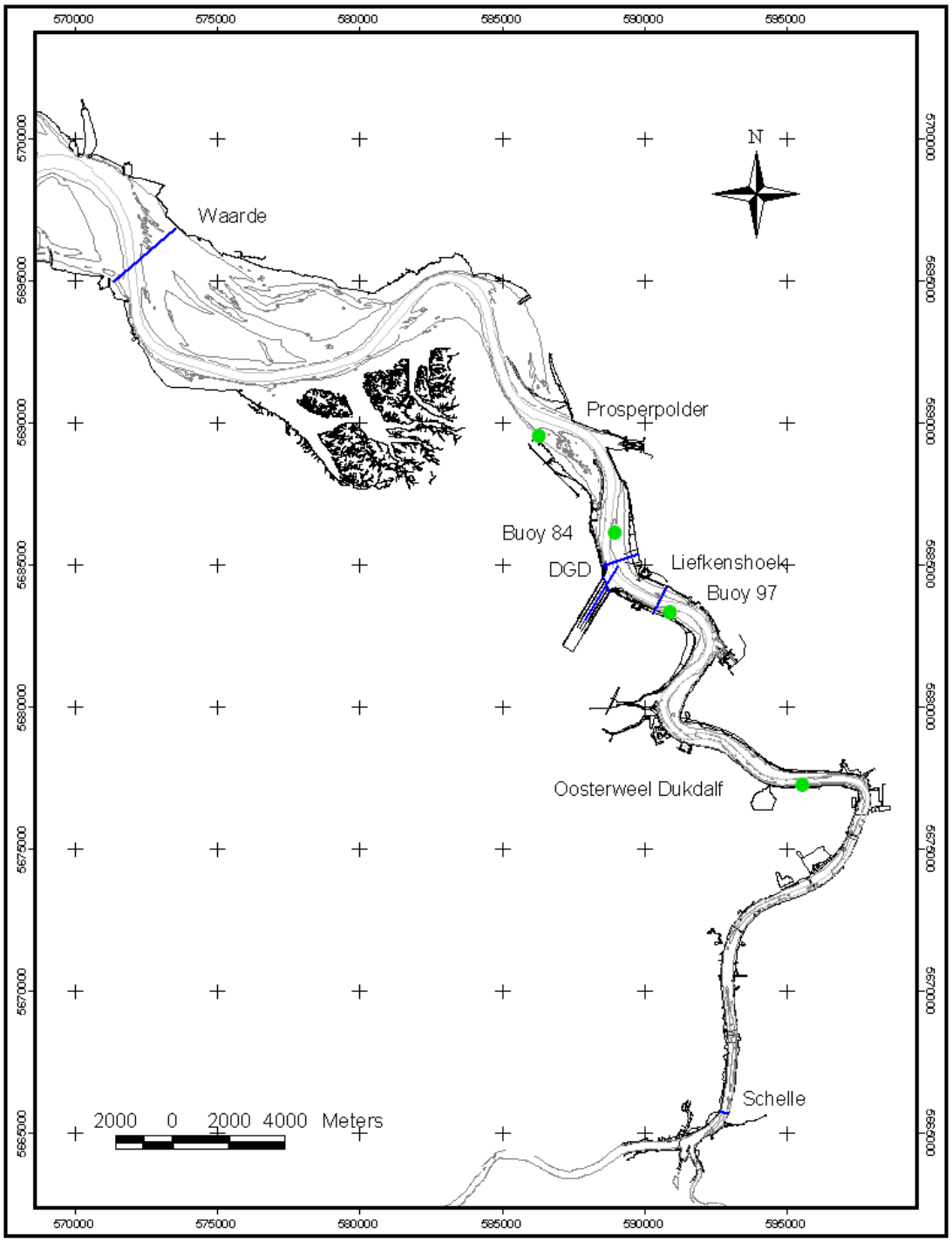

Figure 4-1: All measurement locations 01/2007 – 09/2008

The data gathered during these long-term measurements is current velocity, current direction, temperature, pressure and turbidity. In APPENDIX C the processed data is visualized per instrument, location and per week.

- The title shows the week number followed by the year
- The first graph shows the current velocity and the current direction. The direction is scaled from 0 to 360.
- The second graph depicts the salinity and temperature
- The third and last graph shows the water level at the nearest tidal gauge and the suspended sediment concentration

All times are given in MET.

To convert the turbidity values to suspended sediment concentration the equation of the calibration curve was used. The calibration procedure and calibration graphs can be found in IMDC (2007a and 2008o).

An overview of the measurements and an explanation of missing and faulty data for the whole period is given in Table 4-2.

Table 4-2: Chronological overview of the long-term measurements at Oosterweel & Prosperpolder (01/04/2008 - 30/09/2008)

Oosterweel left bank – 4.5 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
01/07/2004				Start measurement period
01/04/2008	0152			Start reporting period
08/09/2008 – 10/09/2008	0152	X		Empty battery or bad contact
18/09/2008 – 25/09/2008	0152	X		Empty battery or bad contact
30/09/2008	0152			End reporting period
Oosterweel left bank – 1 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
01/07/2004				Start measurement period
01/04/2008	0149			Start reporting period
08/09/2008 – 10/09/2008	0149	X		Empty battery or bad contact
30/09/2008	0149			End reporting period
Prosperpolder – 2.5 m above bottom				
Period	***Sensor***	***No data***	***Faulty data***	***Comment***
15/06/2006	0117			Start measurement period
01/04/2008	0117			Start reporting period
30/09/2008	0117			End reporting period

Monthly results (minimum, maximum and average) are shown in APPENDIX C. The minimum, maximum and average value for velocity magnitude, temperature and suspended sediment concentration is given for every month. For salinity the minimum, maximum and mean are

calculated for both high water slack and low water slack. An overview of the evolution of the monthly minimum, maximum and average values of these parameters are also given in APPENDIX C for the whole measurement period. Notice that for the suspended sediment concentration the graphs are only given since 2006.

The results for the whole reporting period are also given in APPENDIX C. The minimum, maximum and average value for velocity magnitude, temperature and suspended sediment concentration is given for the period from April till September 2008. For salinity the minimum, maximum and mean are calculated for both high water slack and low water slack is given.

4.1.2. Vertical tide

Waterbouwkundig Laboratorium – Cel Hydrometrie Schelde, delivered tidal data for the period from 01/04/2008 till 30/09/2008. It is reported together with the processed data of the long-term measurement campaigns and those at Oosterweel and Prosperpolder in APPENDIX B respectively APPENDIX C.

4.1.3. Salinity downstream

Salinity data of Baalhoek and Hoofdplaat was collected from the Hydro Meteo Centrum Zeeland (HMCZ, 2008) and processed by IMDC. Outliers were screened and removed. Monthly results (minimum, maximum and average values for salinity) are reported in APPENDIX D.

4.2. Fresh water inflow from the tributaries

The fresh water discharge of the Kleine Nete (Grobbendonk), the Grote Nete (Hulshout), the Dijle (Wijgmaal), The Demer (Wilsele), the Dender (Dendermonde), the Zenne (Eppegem) and the Bovenschelde (Melle) are provided by the Hydrologische Informatie Centrum of the Ministerie van de Vlaamse Gemeenschap – Departement Leefmilieu en Infrastructuur Afdeling Waterbouwkundig Laboratorium. The gauging stations are not influenced by the tide. The calculated discharges at the gauging stations are converted to discharges at the mouth of the tributaries and then to a total fresh water discharge at Schelle. This procedure is described in AZ (1974) and is based on the use of correction coefficients that take in account the surface of the hydrological basins.

In APPENDIX E a graph of the evolution of the fresh water discharge is given just as a table with the decade averages of the fresh water discharge. Also the monthly averages are compared to the expected discharges in a graph. Notice that the given values are only temporary since no influence of possible growth is taken in to account yet. This will be done at the end of the year by the Hydrologische Informatie Centrum of the Ministerie van Mobiliteit en Openbare Werken - Departement Mobiliteit en Openbare Werken - Afdeling Waterbouwkundig Laboratorium.

4.3. Meteorological data

The meteorological conditions for the measurement station Deurne for the period April 2008 – September 2008 is reported in APPENDIX F. This data have been obtained from the KMI (Royal Meteorological Institute of Belgium).

In APPENDIX F a list of ancient KMI data (January 2007 until March 2008), which was never published in these reports is included and in the second part the obtained KMI data of period April 2008 until July 2008 is shown.

4.4. Human Activities

4.4.1. Dredging activities

Afdeling Maritieme Toegang provided information about the dates, times, volumes and locations of dredging activities. In APPENDIX G an overview is given of all the dredging activities from 01/04/2008 till 30/09/2008. Weekly volumes are given per location.

4.4.2. Navigation

Weekly data of navigation was delivered by Afdeling Scheepvaartbegeleiding – Schelde Rader Keten for the period of 01/04/2008 till 30/09/2008. To order the data a splitting up of the Beneden Zeeschelde was done in 4 areas. The first area is from de Belgian border up to locks of Zandvliet – Berendrecht (sluizencomplex Zandvliet – Berendrecht), the second goes from this point forward up to Deurganckdok. The third area is from Deurganckdok up to the lock of Kallo (Kallosluis) and finally the fourth goes up to the lock of Royers (Royerssluis). A more detailed description of the areas can be found in APPENDIX H. Also a distinction is made between the draughts. In APPENDIX H a total number is given which refers to the total of passing ships registered by Afdeling Scheepvaartbegeleiding - Schelde Radar Keten. In addition a difference was made between inland navigation and seagoing ships, just as between arrival and departure. Notice that for a certain area and certain draught, the total may deviate from the sum of inland navigation and seagoing. This can be explained by the presence of ships like dredgers, which were only counted in the column ‘total’. Also a difference may occur between the total number and the sum of the arrival and departure number. This is due to vessels that have the same entry and exit point.

Finally it should be mentioned that not all inland shipping is observed by the system, which means that the actual number of inland shipping will be higher.

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IMDC (2005k). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 5.1: Overview of ambient conditions in the river Scheldt January-June 2005, I/RA/11265/05.018/MSA.

IMDC (2005l). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 5.2: Overview of ambient conditions in the river Scheldt July-December 2005, I/RA/11265/05.019/MSA.

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IMDC (2006d) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.3 22 March 2006 Laure Marie – Liefkenshoek, I/RA/11291/06.096/MSA.

IMDC (2006e) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.4 23 March 2006 Parel 2 – Schelle, I/RA/11291/06.097/MSA.

IMDC (2006f) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.5 23 March 2006 Laure Marie – Deurganckdok (downstream), I/RA/11291/06.098/MSA.

IMDC (2006g) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 7.6 23 March 2006 Veremans – Waarde, I/RA/11291/06.099/MSA.

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IMDC(2006i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.3. Opmeting stroming en zout-en sedimentbeweging aan de ingang van het Deurganckdok (ADCP), I/RA/11283/06.110/BDC

IMDC (2006j). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 8.1: Vaste meetopstelling in zake bodemgedrag, I/RA/11291/06.100/MSA.

IMDC (2006k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.6 Zout en slibverdeling Deurganckdok 17/03/2006 – 23/05/2006, I/RA/11283/06.121/MSA.

IMDC (2006l) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 5.3 Overview of ambient conditions in the river Scheldt – Januari-June 2006 (I/RA/11291/06.089/MSA), in opdracht van AWZ.

IMDC(2006m): Studie van de stromingsvelden en sedimentuitwisseling aan de ingang van Deurganckdok. Current and Sediment flux measurements November 17th 2005 (I/RA/15030/06.021/BDC).

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IMDC (2006o). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 2.7: Silt distribution and frame measurements 15/07/2006 – 31/10/2006. (I/RA/11291/06.122/MSA).

IMDC (2006p) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 5.3 Overview of ambient conditions in the river Scheldt – Januari-June 2006 (I/RA/11291/06.089/MSA), in opdracht van AWZ.

IMDC (2007a) Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 6.2 Summer calibration and Final report, I/RA/11291/06.093/MSA.

IMDC (2007b). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 5.4 Overview of ambient conditions in the river Scheldt – July-December 2006 (I/RA/11291/06.089/MSA), in opdracht van AWZ.

IMDC (2007c). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.1 Through tide Measurement Sediview & Siltprofiler 27/9 Stream - Liefkenshoek (I/RA/11291/06.104/MSA), in opdracht van AWZ.

IMDC (2007d). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.2 Through tide Measurement Sediview 27/9 Veremans - Raai K (I/RA/11291/06.105/MSA), in opdracht van AWZ.

IMDC (2007e). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.3 Through tide Measurement Sediview & Siltprofiler 28/9 Stream - Raai K (I/RA/11291/06.106/MSA), in opdracht van AWZ.

IMDC (2007f). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.4 Through tide Measurement Sediview 28/9 Veremans - Waarde(I/RA/11291/06.107/MSA), in opdracht van AWZ.

IMDC (2007g). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.5 Through tide Measurement Sediview 28/9 Parel 2 - Schelle (I/RA/11291/06.108/MSA), in opdracht van AWZ.

IMDC (2007h). Uitbreiding studie densiteitsstromingen in de Beneden Zeeschelde in het kader van LTV Meetcampagne naar hooggeconcentreerde slibsuspensies Deelrapport 11.6 Through tide Measurement Salinity Distribution 26/9 Scheldewacht – Deurganckdok in opdracht van AWZ.

IMDC (2007i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.1 Sediment Balance: Three monthly report 1/4/2006 – 30/06/2006 (I/RA/11283/06.113/MSA)

IMDC (2007j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.2 Sediment Balance: Three monthly report 1/7/2006 – 30/09/2006 (I/RA/11283/06.114/MSA)

IMDC (2007k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.3 Sediment Balance: Three monthly report 1/10/2006 – 31/12/2006 (I/RA/11283/06.115/MSA)

IMDC (2007l) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.4 Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.116/MSA)

IMDC (2007m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.5 Annual Sediment Balance (I/RA/11283/06.117/MSA)

IMDC (2007n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.2 Through tide measurement SiltProfiler 26/09/2006 Stream (I/RA/11283/06.068/MSA)

IMDC (2007o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.7 Salt-Silt distribution & Frame Measurements Deurganckdok 15/07/2006 – 31/10/2006 (I/RA/11283/06.122/MSA)

IMDC (2007p) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.8 Salt-Silt distribution & Frame Measurements Deurganckdok 15/01/2007 – 15/03/2007 (I/RA/11283/06.123/MSA)

IMDC (2007q) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.1 Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA)

IMDC (2007r) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing 2. Deelrapport 1.10: Sediment Balance: Three monthly report 1/4/2007 – 30/06/2007 (I/RA/11283/07.081/MSA)

IMDC (2007s) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing 2. Deelrapport 1.11: Sediment Balance: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.082/MSA)

IMDC (2007t) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing 2. Deelrapport 2.16: Salt-Silt distribution Deurganckdok summer (21/6/2007 – 30/07/2007) (I/RA/11283/07.092/MSA)

IMDC (2007v) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing 2. Deelrapport 3.10: Boundary conditions: Three monthly report 1/04/2007 – 30/06/2007 (I/RA/11283/07.097/MSA)

IMDC (2007w) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing 2. Deelrapport 3.11: Boundary conditions: Three monthly report 1/07/2007 – 30/09/2007 (I/RA/11283/07.098/MSA)

IMDC (2008a) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.5: Through tide measurement Sediview average tide 24/10/2007 (I/RA/11283/06.120/MSA)

IMDC (2008b) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 4.1: Analysis of siltation Processes and Factors (I/RA/11283/06.129/MSA)

IMDC (2008c) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.12: Sediment Balance: Four monthly report 1/9/2007 – 31/12/2007 (I/RA/11283/07.083/MSA)

IMDC (2008d) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.13: Sediment Balance: Four monthly report 1/01/2007 – 31/03/2007 (I/RA/11283/07.084/MSA)

IMDC (2008e) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 1.14: Annual Sediment Balance. (I/RA/11283/07.085/MSA)

IMDC (2008f) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.09: Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)

IMDC (2008g) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.10: Through tide measurement SiltProfiler 23 October 2007 (I/RA/11283/07.086/MSA)

IMDC (2008h) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.11: Through tide measurement Salinity Profiling winter 12 March 2008 (I/RA/11283/07.087/MSA)

IMDC (2008i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.12: Through tide measurement Sediview winter 11 March 2008 – Transect I (I/RA/11283/07.088/MSA)

IMDC (2008j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.13: Through tide measurement Sediview winter 11 March 2008 – Transect K (I/RA/11283/07.089/MSA)

IMDC (2008k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.14: Through tide measurement Sediview winter 11 March 2008 – Transect DGD (I/RA/11283/07.090/MSA)

IMDC (2008l) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.15: Through tide measurement SiltProfiler winter 12 March 2008 (I/RA/11283/07.091/MSA)

IMDC (2008m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.17: Salt-Silt distribution & Frame Measurements Deurganckdok autumn (17/9/2007-10/12/2007) (I/RA/11283/07.093/MSA)

IMDC (2008n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.18: Salt-Silt distribution & Frame Measurements Deurganckdok winter (18/02/2007-31/03/2008) (I/RA/11283/07.094/MSA)

IMDC (2008o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.19: Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)

IMDC (2008p) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.12: Boundary conditions: Three monthly report 1/9/2007 – 31/12/2007 (I/RA/11283/07.099/MSA)

IMDC (2008q) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.13: Boundary conditions: Three monthly report 1/1/2008 – 31/3/2007 (I/RA/11283/08.096/MSA)

IMDC (2008r) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.14: Boundary conditions: Annual report (I/RA/11283/07.101/MSA)

IMDC (2008s) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 4.10: Analysis of siltation Processes and Factors (I/RA/11283/07.102/MSA)

IMDC (2008t) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.20: Sediment Balance: Three monthly report 1/4/2008 – 30/06/2008 (I/RA/11283/08.076/MSA)

IMDC (2008u) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.20: Through tide measurement Sediview during average tide Spring 2008 – 19 June 2008 (I/RA/11283/08.081/MSA)

IMDC (2008v) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.21: Through tide measurement Sediview during average tide Spring 2008 – 26 June 2008 (I/RA/11283/08.082/MSA)

IMDC (2008w) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.21: Sediment Balance: Three monthly report 1/7/2008 – 30/09/2008 (I/RA/11283/08.077/MSA)

IMDC (2008x) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.22: Through tide measurement Sediview during neap tide Summer 2008 – 24 September 2008 (I/RA/11283/08.083/MSA)

IMDC (2008y) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.28: Through tide measurement ADCP eddy Summer 2008 – 1 October 2008 (I/RA/11283/08.089/MSA)

IMDC (2008z) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.32: Salt-Silt distribution Deurganckdok: six monthly report 1/4/2008 – 30/9/2008 (I/RA/11283/08.093/MSA)

IMDC (2008aa) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.20: Boundary conditions: Six monthly report 1/4/2008 – 30/09/2008 (I/RA/11283/08.096/MSA)

IMDC (2009a) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.23: Through tide measurement Sediview during spring tide Summer 2008 – 30 September 2008 (I/RA/11283/08.084/MSA)

IMDC (2009b) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.29: Through tide measurement SiltProfiler summer 2008 – 29 September 2008 (I/RA/11283/07.090/MSA)

IMDC (2009c) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.34: Calibration stationary & mobile equipment autumn 2008 (I/RA/11283/08.095/MSA)

IMDC (2009d) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.22: Sediment Balance: Three monthly report 1/10/2008 – 31/12/2008 (I/RA/11283/08.078/MSA)

IMDC (2009e) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.24: Through tide measurement Sediview during neap tide Autumn 2008 (I/RA/11283/08.085/MSA)

IMDC (2009f) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.25: Through tide measurement Sediview during spring tide Autumn 2008 (I/RA/11283/08.086/MSA)

IMDC (2009g) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.23: Sediment Balance: Three monthly report 1/01/2009 – 31/03/2009 (I/RA/11283/08.079/MSA)

IMDC (2009h) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing Deelrapport 1.24: Annual Sediment Balance (I/RA/11283/08.080/MSA)

IMDC (2009i) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.26: Through tide measurement Sediview during neap tide Winter 2009 (I/RA/11283/08.087/MSA)

IMDC (2009j) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.30: Through tide measurement SiltProfiler winter 2009 (I/RA/11283/08.091/MSA)

IMDC (2009k) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.31: Through tide measurement Salinity Profiling winter 2009 (I/RA/11283/08.092/MSA)

IMDC (2009l) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.33: Salt-Silt distribution Deurganckdok: six monthly report 1/10/2008 – 31/3/2009 (I/RA/11283/08.094/MSA)

IMDC (2009m) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 3.21: Boundary conditions: Six monthly report 1/10/2008 – 31/03/2009 (I/RA/11283/08.097/MSA)

IMDC (2009n) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 2.27: Through tide measurement Sediview during spring tide Winter 2009 (I/RA/11283/08.088/MSA)

IMDC (2009o) Langdurige metingen Deurganckdok: Opvolging en analyse aanslibbing. Deelrapport 4.20: Analysis of siltation Processes and Factors (I/RA/11283/08.098/MSA)

TV SAM (2006a) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2005-06/2005. 42SR S032PIB 2A.

TV SAM (2006b) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 07/2005-12/2005. 42SR S033PIB 2A.

TV SAM (2006c) Langdurige stationaire ADCP stroommetingen te Oosterweel dukdalf 01/2006-06/2006. 42SR S032PIB 2A.

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APPENDIX A.
OVERVIEW OF HCBS2 AND OPVOLGING

AANSLIBBING DEURGANCKDOK REPORTS

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
5.3	Overview of ambient conditions in the river Scheldt – January-June 2006 (I/RA/11291/06.088/MSA)
5.4	Overview of ambient conditions in the river Scheldt – July-December 2006 (I/RA/11291/06.089/MSA)
~~5.5~~	~~Overview of ambient conditions in the river Scheldt : RCM-9 buoy 84 & 97 (1/1/2007 -31/3/2007) (I/RA/11291/06.090/MSA)~~[1]
5.6	Analysis of ambient conditions 21/09/05 - 31/3/2007 (I/RA/11291/06.091/MSA)
Calibration	
6.1	Winter Calibration (I/RA/11291/06.092/MSA)
6.2	Summer Calibration and Final Report (I/RA/11291/06.093/MSA)
Through tide Measurements Winter 2006	
7.1	21/3 Scheldewacht – Deurganckdok – Salinity Distribution (I/RA/11291/06.094/MSA)
7.2	22/3 Parel 2 – Deurganckdok (I/RA/11291/06.095/MSA)
7.3	22/3 Laure Marie – Liefkenshoek (I/RA/11291/06.096/MSA)
7.4	23/3 Parel 2 – Schelle (I/RA/11291/06.097/MSA)
7.5	23/3 Laure Marie – Deurganckdok (I/RA/11291/06.098/MSA)
7.6	23/3 Veremans Waarde (I/RA/11291/06.099/MSA)
HCBS Near bed continuous monitoring (Frames)	
8.1	Near bed continuous monitoring winter 2006 (I/RA/11291/06.100/MSA)
INSSEV	
9	Settling Velocity - INSSEV summer 2006 (I/RA/11291/06.102/MSA)
Cohesive Sediment	
10	Cohesive sediment properties summer 2006 (I/RA/11291/06.103/MSA)
Through tide Measurements Summer 2006	
11.1	Through Tide Measurement Sediview and Siltprofiler 27/9 Stream - Liefkenshoek (I/RA/11291/06.104/MSA)
11.2	Through Tide Measurement Sediview 27/9 Veremans - Raai K (I/RA/11291/06.105/MSA)
11.3	Through Tide Measurement Sediview and Siltprofiler 28/9 Stream - Raai K (I/RA/11291/06.106/MSA)
11.4	Through Tide Measurement Sediview 28/9 Veremans – Waarde (I/RA/11291/06.107/MSA)

[1] The data, foreseen for Report 5.5 is reported in report 3.1. Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5 (Deurganckdok).

Report	Description of HCBS2
Ambient Conditions Lower Sea Scheldt	
11.5	Through Tide Measurements Sediview 28/9 Parel 2 - Schelle (I/RA/11291/06.108/MSA)
11.6	Through Tide measurement Longitudinal Salinity Distribution 26/9 Scheldewacht – Deurganckdok (I/RA/11291/06.161/MSA)
Analysis	
12	Report concerning the presence of HCBS layers in the Scheldt river (I/RA/11291/06.109/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.1	Sediment Balance: Three monthly report 1/4/2006 – 30/06/2006 (I/RA/11283/06.113/MSA)
1.2	Sediment Balance: Three monthly report 1/7/2006 – 30/09/2006 (I/RA/11283/06.114/MSA)
1.3	Sediment Balance: Three monthly report 1/10/2006 – 31/12/2006 (I/RA/11283/06.115/MSA)
1.4	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.116/MSA)
1.5	Annual Sediment Balance (I/RA/11283/06.117/MSA)
1.6	Sediment balance Bathymetry: 2005 – 3/2006 (I/RA/11283/06.118/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP)	
2.1	Through tide measurement Siltprofiler 21/03/2006 Laure Marie (I/RA/11283/06.087/WGO)
2.2	Through tide measurement Siltprofiler 26/09/2006 Stream (I/RA/11283/06.068/MSA)
2.3	Through tide measurement Sediview spring tide 22/03/2006 Veremans (I/RA/11283/06.110/BDC)
2.4	Through tide measurement Sediview average tide 27/09/2006 Parel 2 (I/RA/11283/06.119/MSA)
2.5	Through tide measurement Sediview average tide (I/RA/11283/06.120/MSA)
2.6	Salt-Silt distribution & Frame Measurements Deurganckdok 13/3/2006 – 31/05/2006 (I/RA/11283/06.121/MSA)
2.7	Salt-Silt distribution & Frame Measurements Deurganckdok 15/07/2006 – 31/10/2006

Report	Description of Opvolging aanslibbing Deurganckdok between April 2006 till March 2007
	(I/RA/11283/06.122/MSA)
2.8	Salt-Silt distribution & Frame Measurements Deurganckdok 12/02/2007 – 18/04/2007 (I/RA/11283/06.123/MSA)
2.9	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.1	Boundary conditions: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/06.127/MSA) including HCBS 2 report 5.5
~~3.2~~	~~Boundary condtions: Annual report (I/RA/11283/06.128/MSA)~~[2]
Analysis	
4.1	Analysis of Siltation Processes and Factors (I/RA/11283/06.129/MSA)

Report	Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008
Sediment Balance: Bathymetry surveys, Density measurements, Maintenance and construction dredging activities	
1.10	Sediment Balance: Three monthly report 1/4/2007 - 30/06/2007 (I/RA/11283/07.081/MSA)
1.11	Sediment Balance: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.082/MSA)
1.12	Sediment Balance: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.083/MSA)
1.13	Sediment Balance: Three monthly report 1/1/2007 – 31/03/2007 (I/RA/11283/07.084/MSA)
1.14	Annual Sediment Balance (I/RA/11283/07.085/MSA)
Factors contributing to salt and sediment distribution in Deurganckdok: Salt-Silt (OBS3A) & Frame measurements, Through tide measurements (SiltProfiling & ADCP) & Calibrations	
2.09	Calibration stationary equipment autumn (I/RA/11283/07.095/MSA)
2.10	Through tide measurement Siltprofiler 23 October 2007 (I/RA/11283/07.086/MSA)
2.11	Through tide measurement Salinity Profiling winter (I/RA/11283/07.087/MSA)
2.12	Through tide measurement Sediview winter 11 March 2008 Transect I (I/RA/11283/07.088/MSA)
2.13	Through tide measurement Sediview winter 11 March 2008 Transect K (I/RA/11283/07.089/MSA)
2.14	Through tide measurement Sediview winter 11 March 2008 Transect DGD (I/RA/11283/07.090/MSA)

[2] considered in report 5.6 'Analysis of ambient conditions during 2006' (I/RA/11291/06.091/MSA) in the framework of the study 'Extension of the study about density currents in the Beneden Zeeschelde'

Report	Description of Opvolging aanslibbing Deurganckdok between April 2007 till March 2008
2.15	Through tide measurement Siltprofiler 12 March 2008 (I/RA/11283/07.091/MSA)
2.16	Salt-Silt distribution Deurganckdok summer (21/6/2007 – 30/07/2007) (I/RA/11283/07.092/MSA)
2.17	Salt-Silt distribution & Frame Measurements Deurganckdok autumn (17/09/2007 - 10/12/2007) (I/RA/11283/07.093/MSA)
2.18	Salt-Silt distribution & Frame Measurements Deurganckdok winter (18/02/2008 - 31/3/2008) (I/RA/11283/07.094/MSA)
2.19	Calibration stationary & mobile equipment winter (I/RA/11283/07.096/MSA)
Boundary Conditions: Upriver Discharge, Salt concentration Scheldt, Bathymetric evolution in access channels, dredging activities in Lower Sea Scheldt and access channels	
3.10	Boundary conditions: Three monthly report 1/4/2007 – 30/06/2007 (I/RA/11283/07.097/MSA)
3.11	Boundary conditions: Three monthly report 1/7/2007 – 30/09/2007 (I/RA/11283/07.098/MSA)
3.12	Boundary conditions: Three monthly report 1/10/2007 – 31/12/2007 (I/RA/11283/07.099/MSA)
3.13	Boundary conditions: Three monthly report 1/1/2008 – 31/03/2008 (I/RA/11283/08.096/MSA)
3.14	Boundary conditions: Annual report (I/RA/11283/07.101/MSA)
Analysis	
4.10	Analysis of Siltation Processes and Factors (I/RA/11283/07.102/MSA)

APPENDIX B.
LONG-TERM MEASUREMENTS AT BUOY 84 AND

BUOY 97

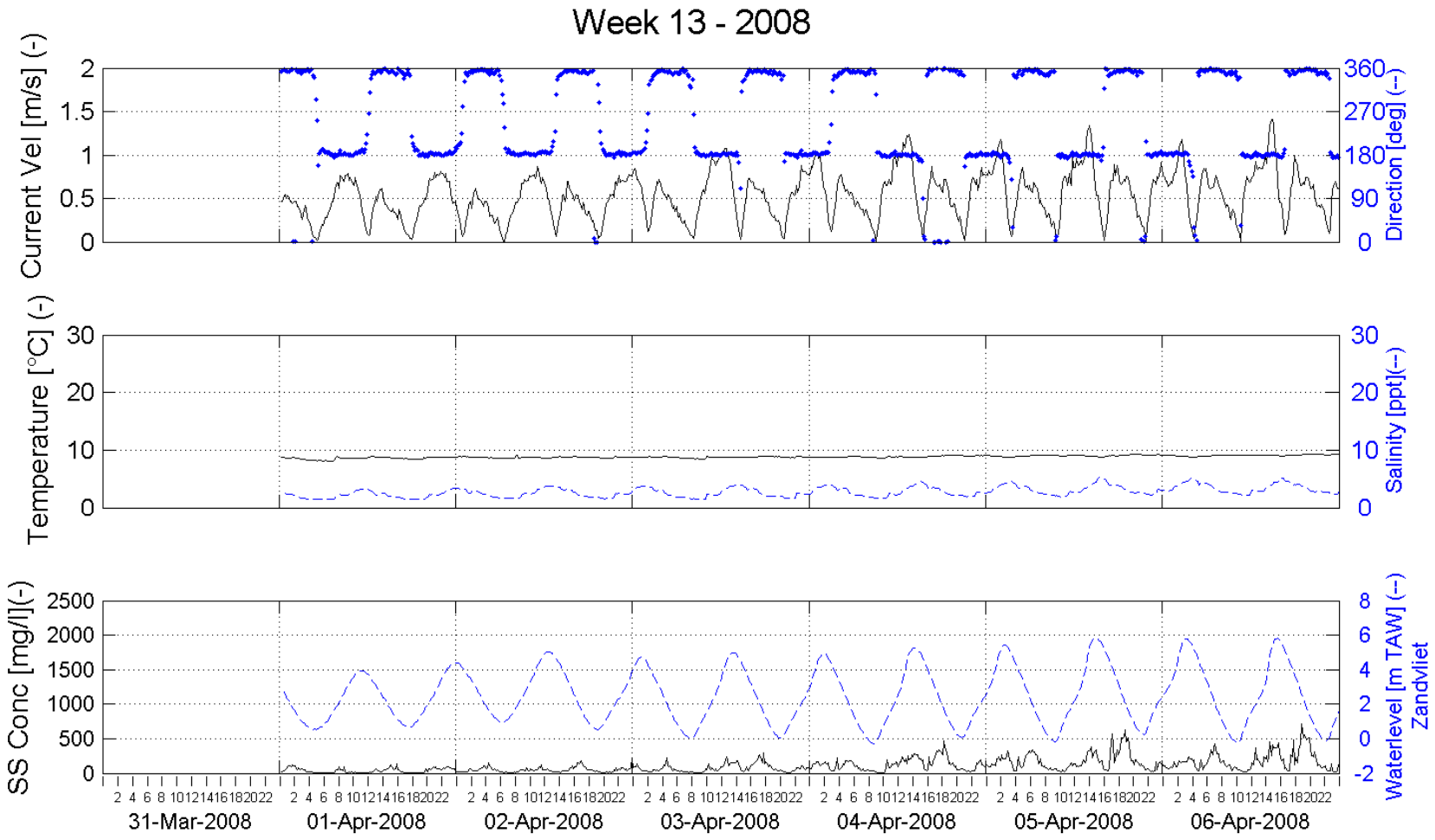
B.1 Datasheets weekseries

Datasheet order

Nr	*Location*	*Depth of Instrument*		*Sensor*	*Period*
		[m] above bottom	*[m TAW]*		
1	Buoy 84	3.3	-6.0	Aanderaa 0579	01/04/2008 – 28/09/2008
2	Buoy 84	0.8	-8.0	Aanderaa 0248	01/04/2008 – 30/09/2008
3	Buoy 97	3.3	-4.8	Aanderaa 1220	01/04/2008 – 02/07/2008
4	Buoy 97	0.8	-7.2	Aanderaa 1229	01/04/2008 – 16/06/2008
				Aanderaa 1169	16/06/2008 – 02/07/2008

B.1.1. Buoy 84 top

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

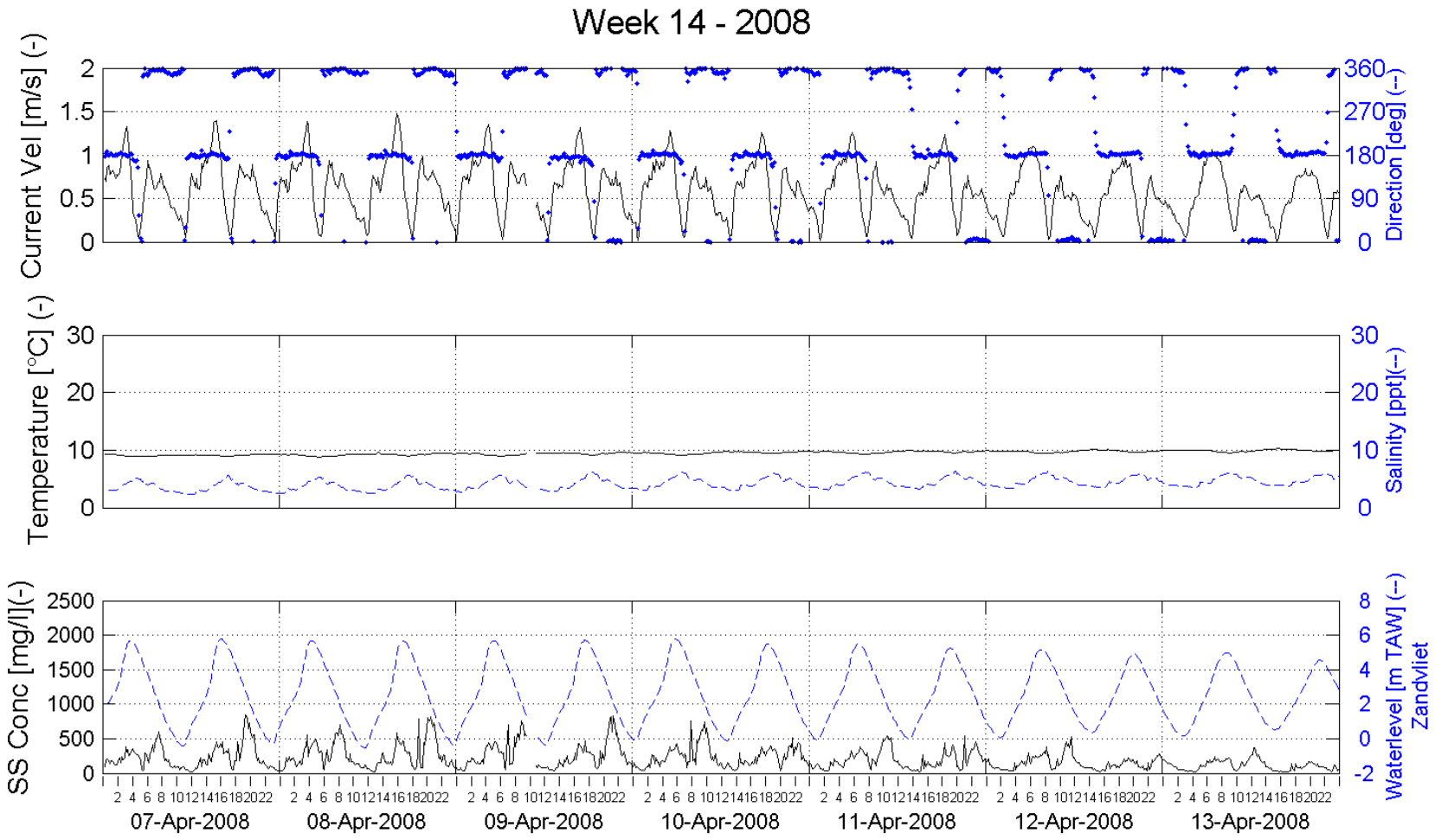
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

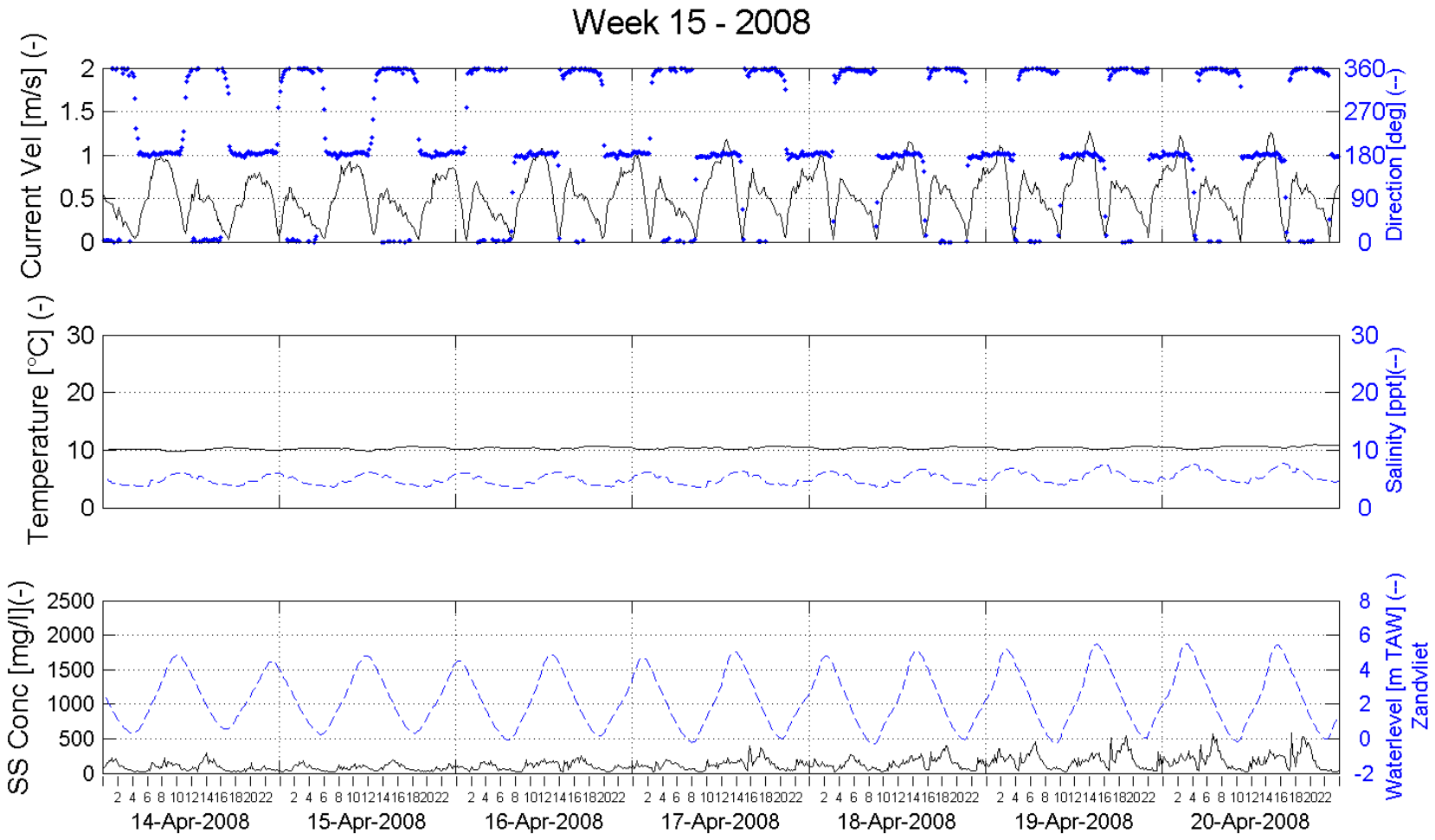
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

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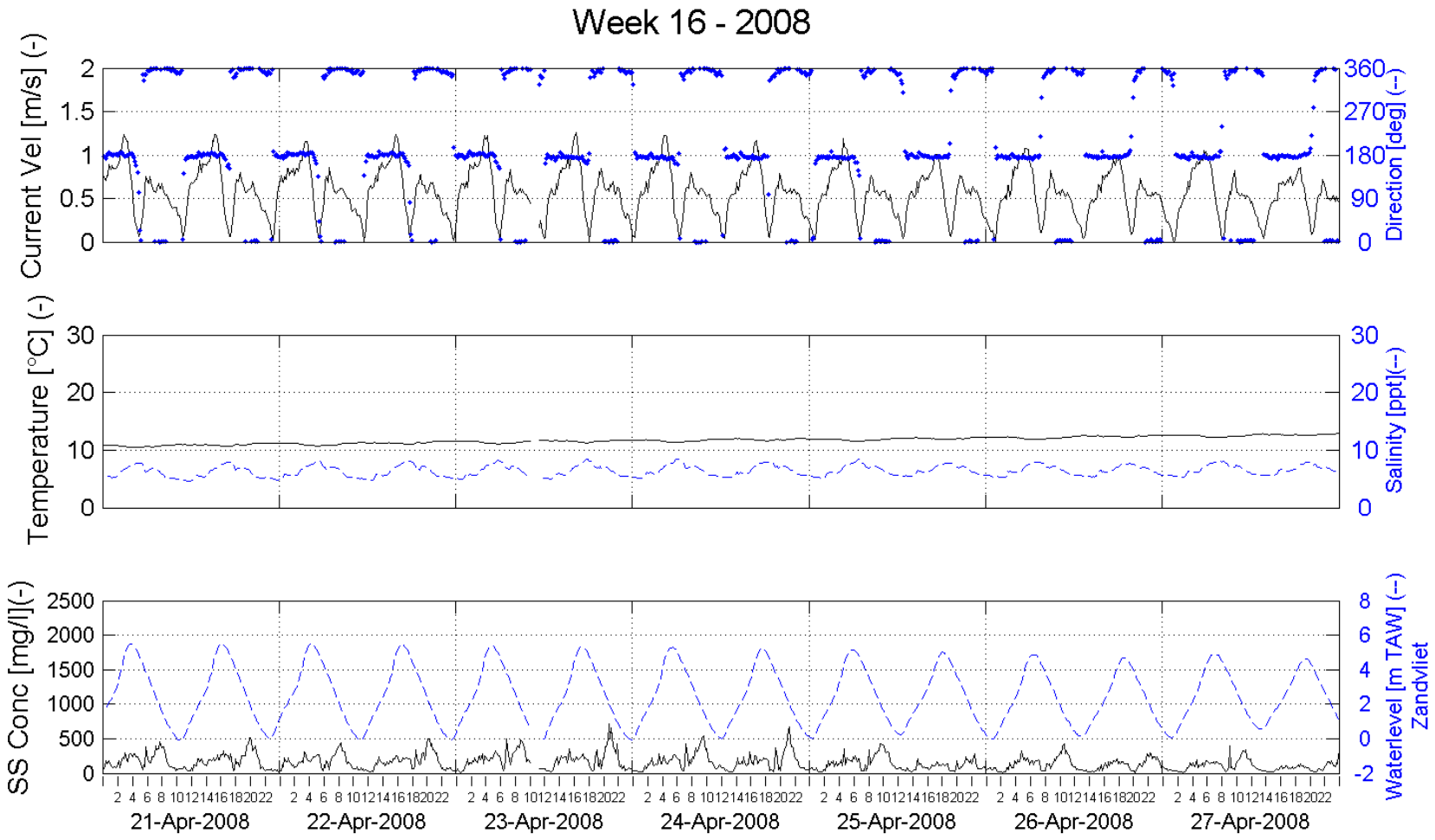
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

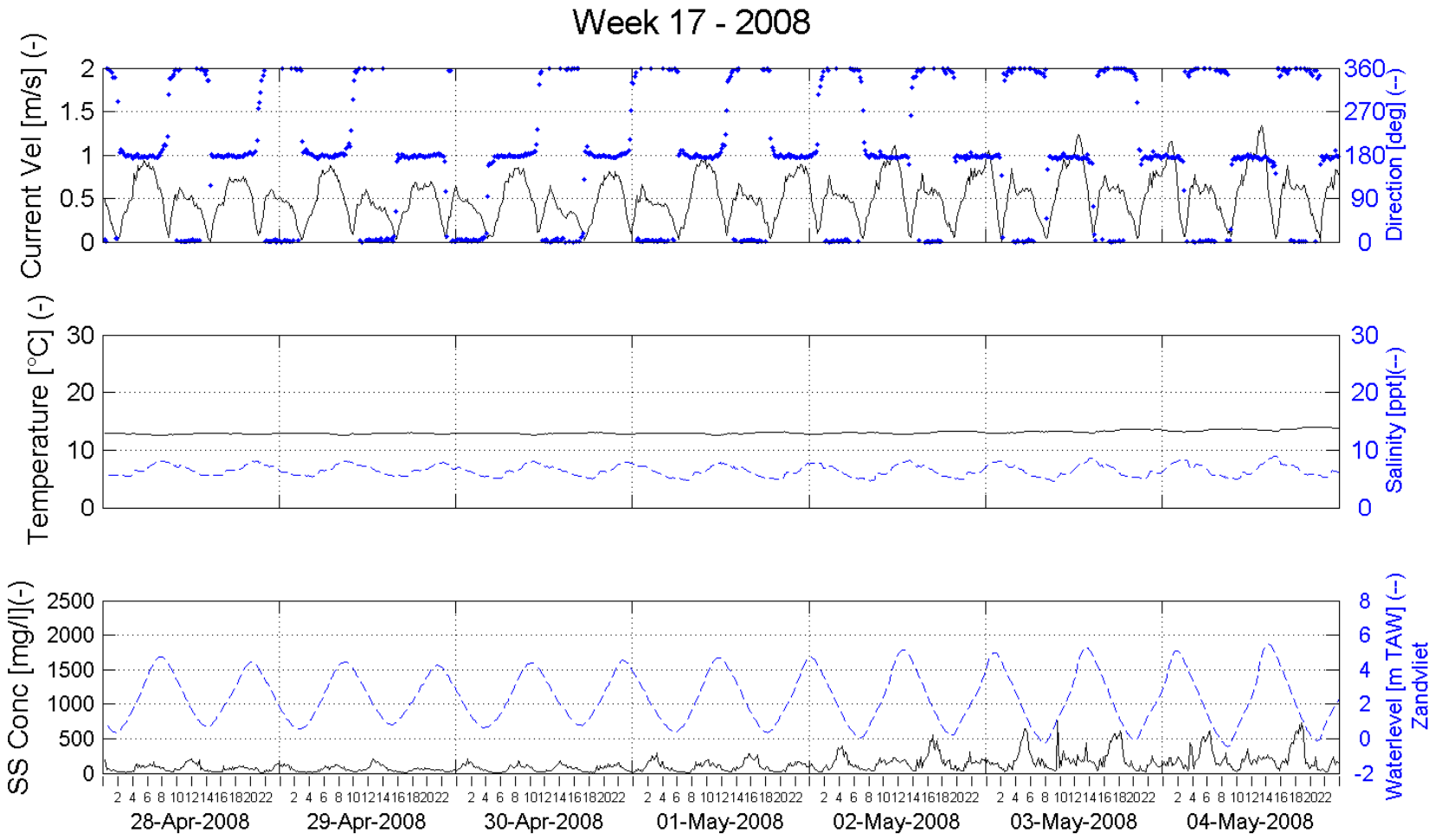
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

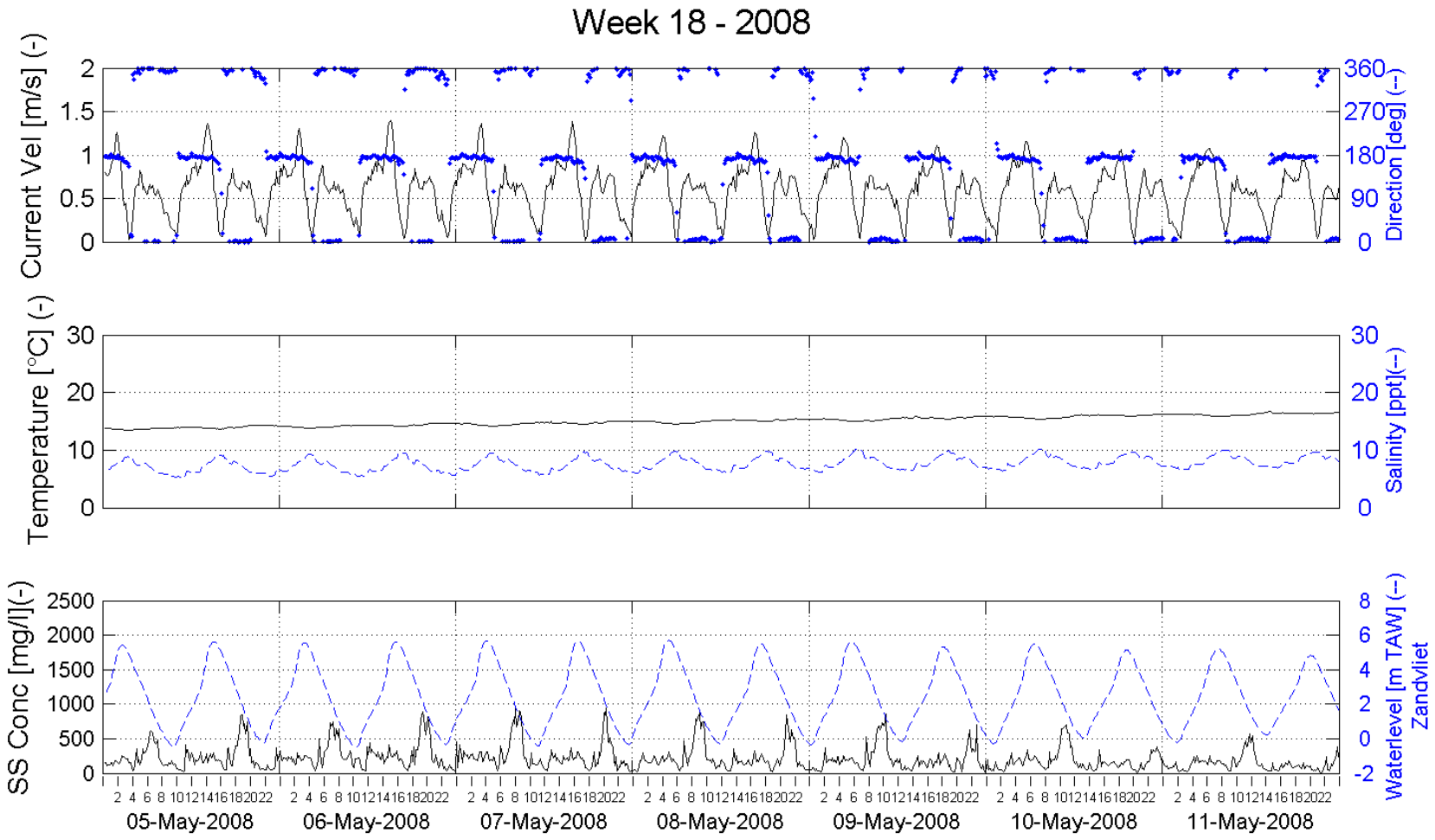
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

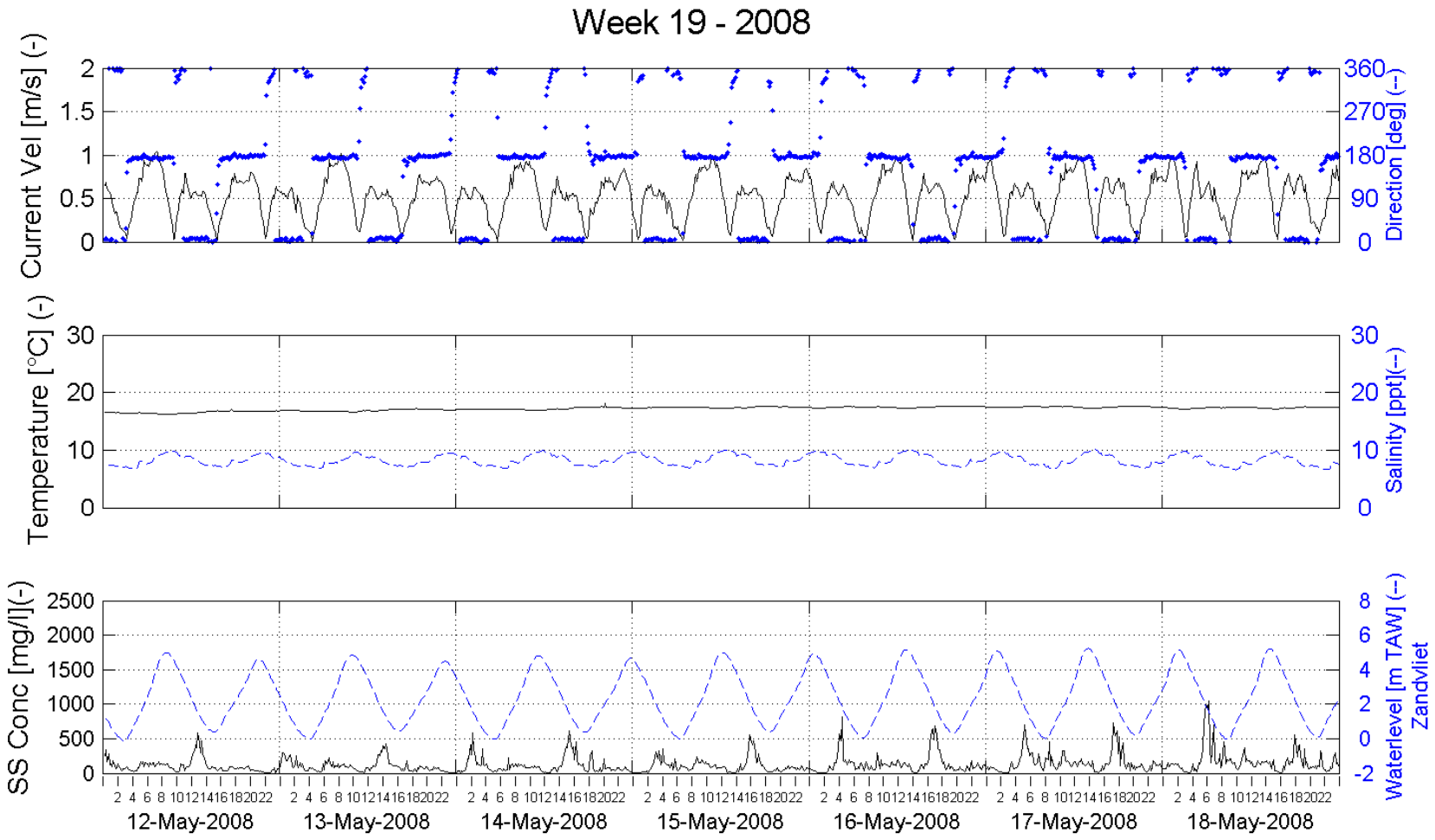
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

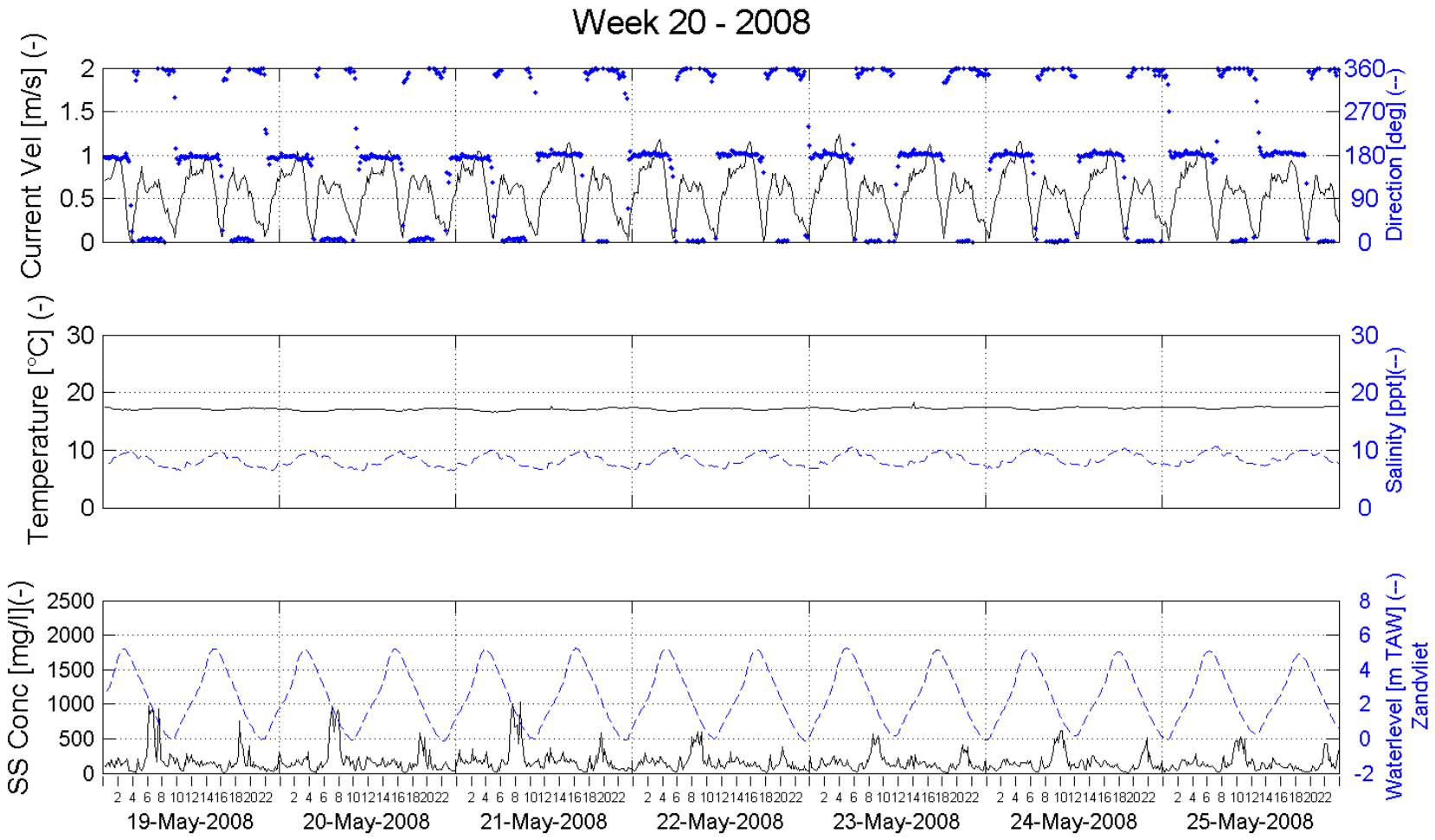
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

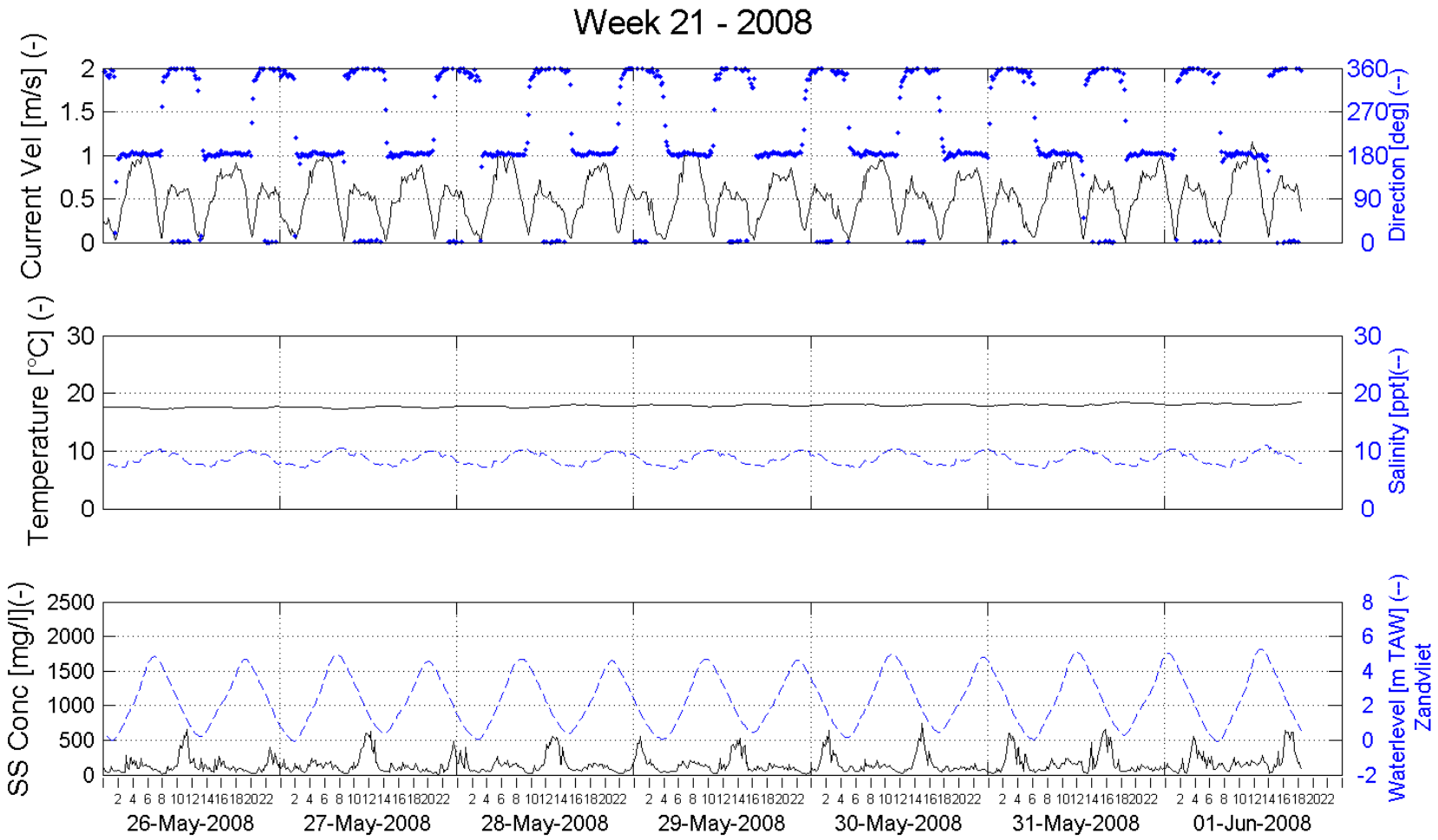
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

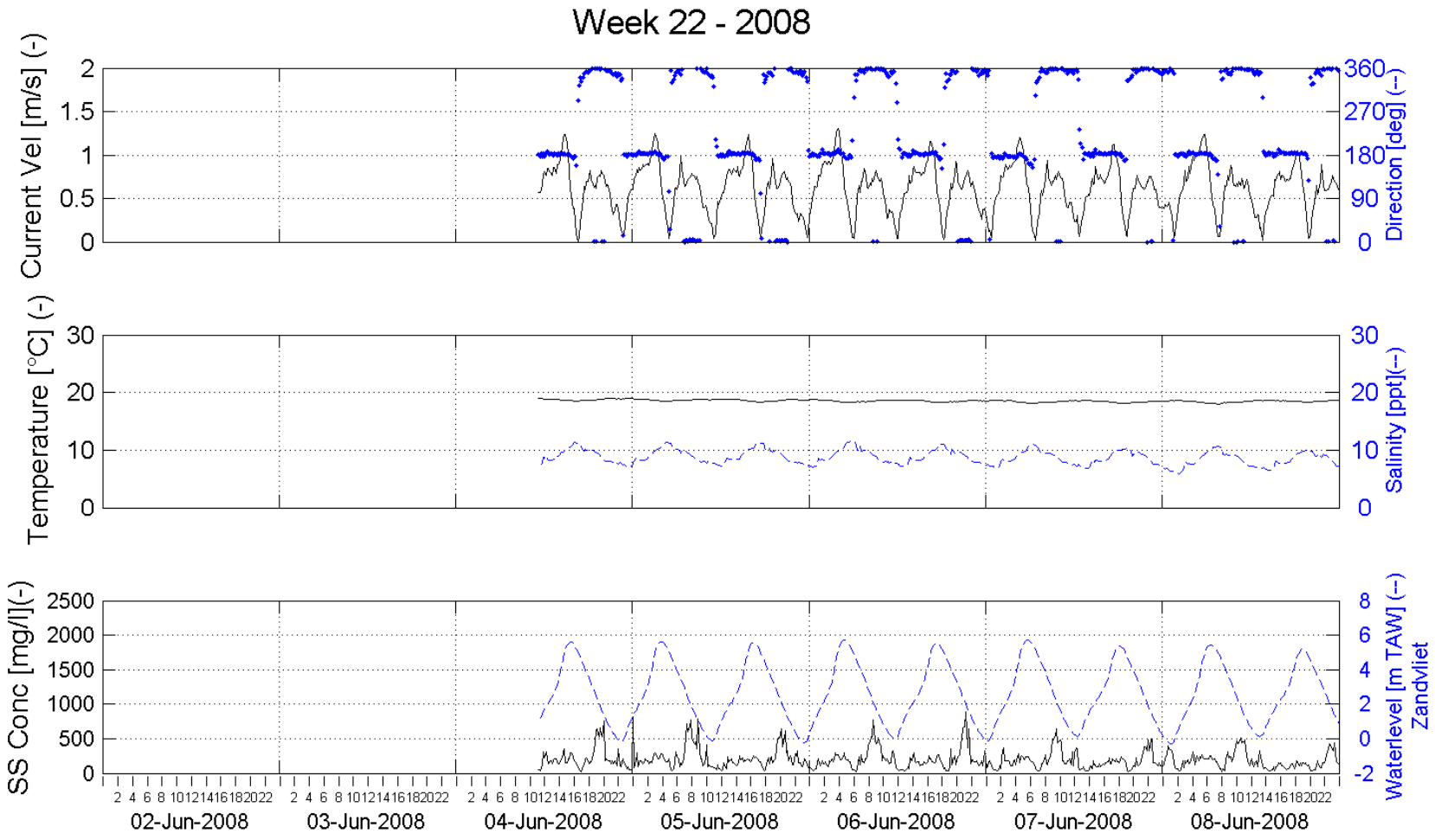
Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

IMDC

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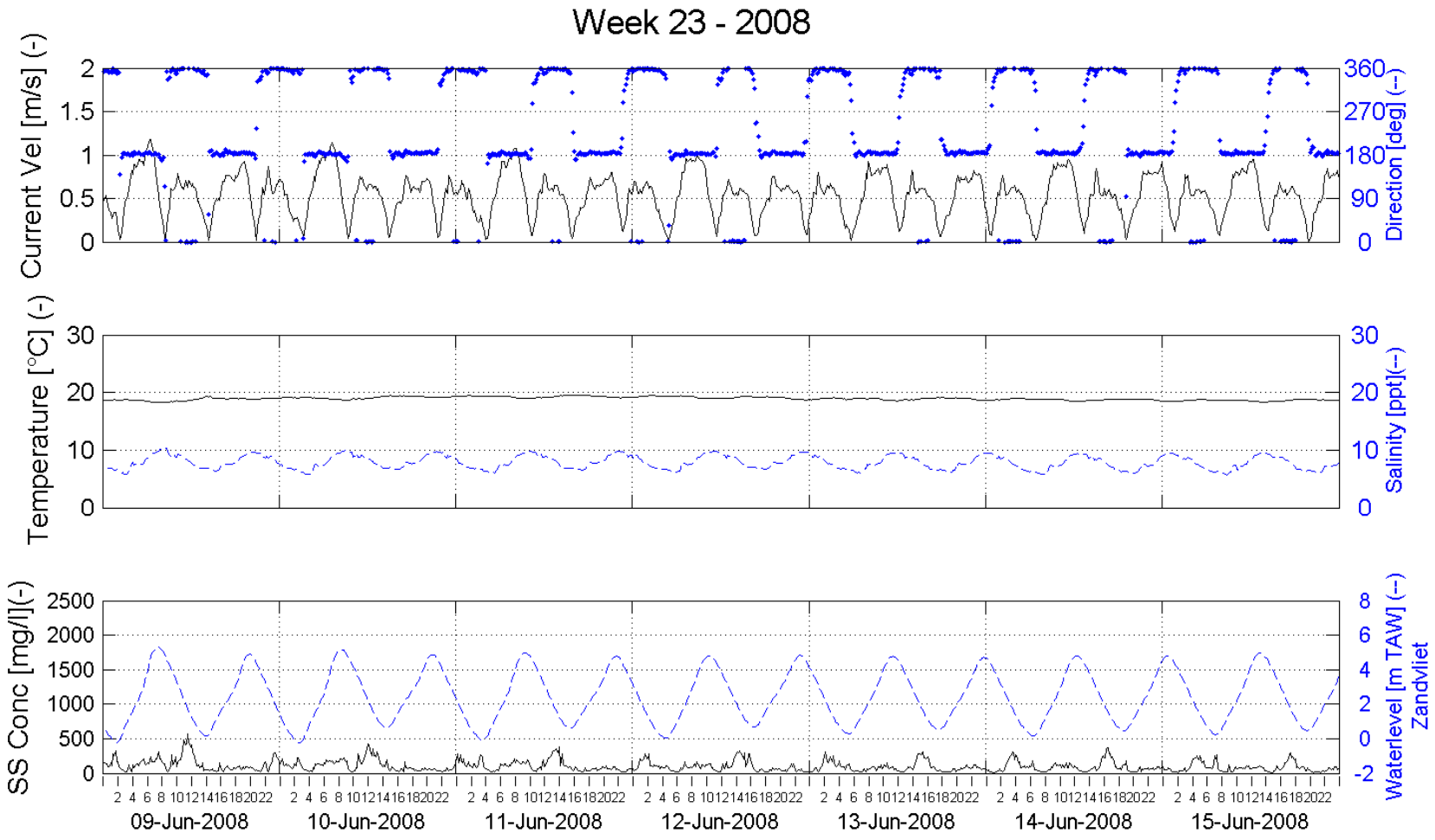
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

IMDC

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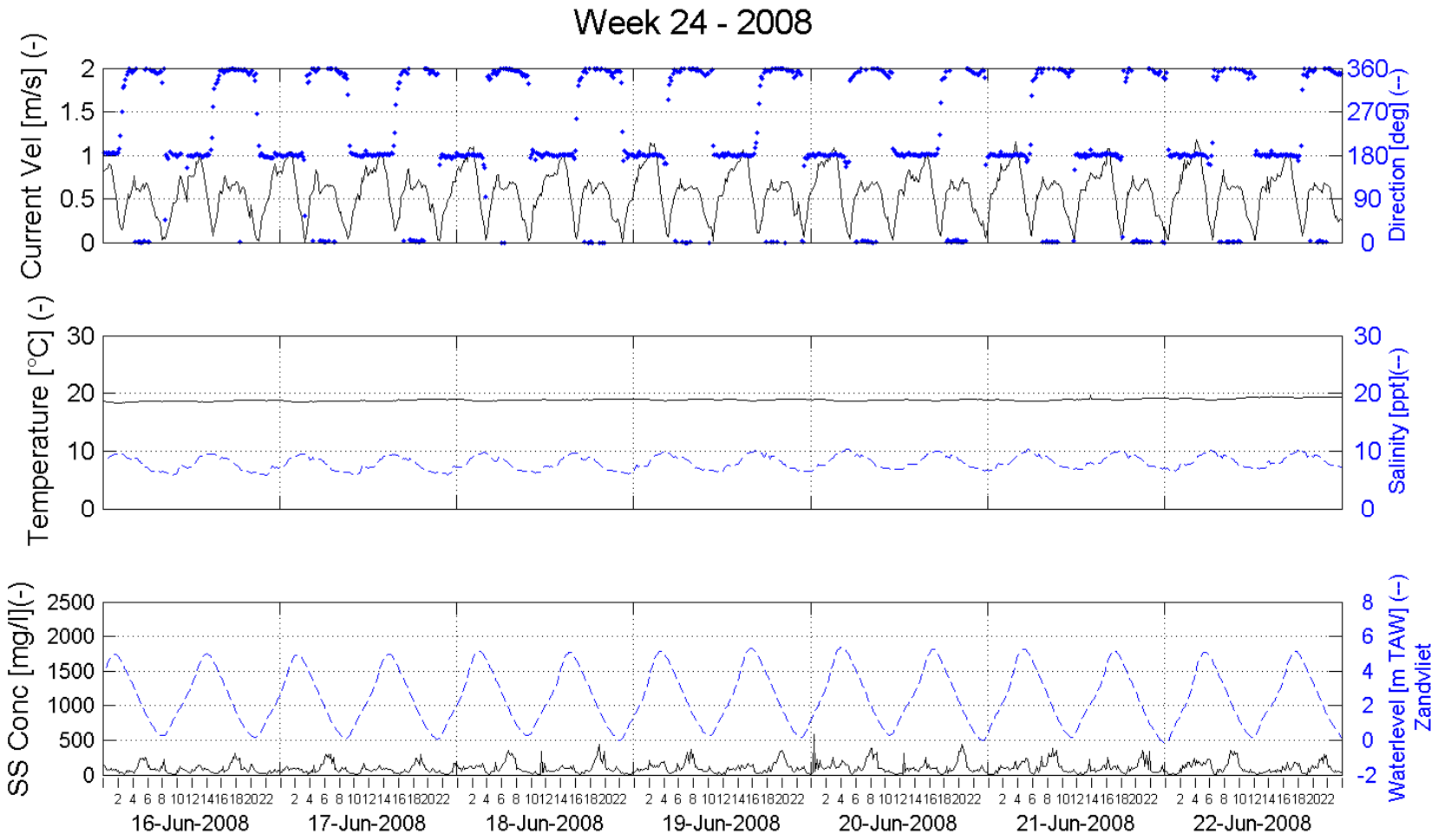
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

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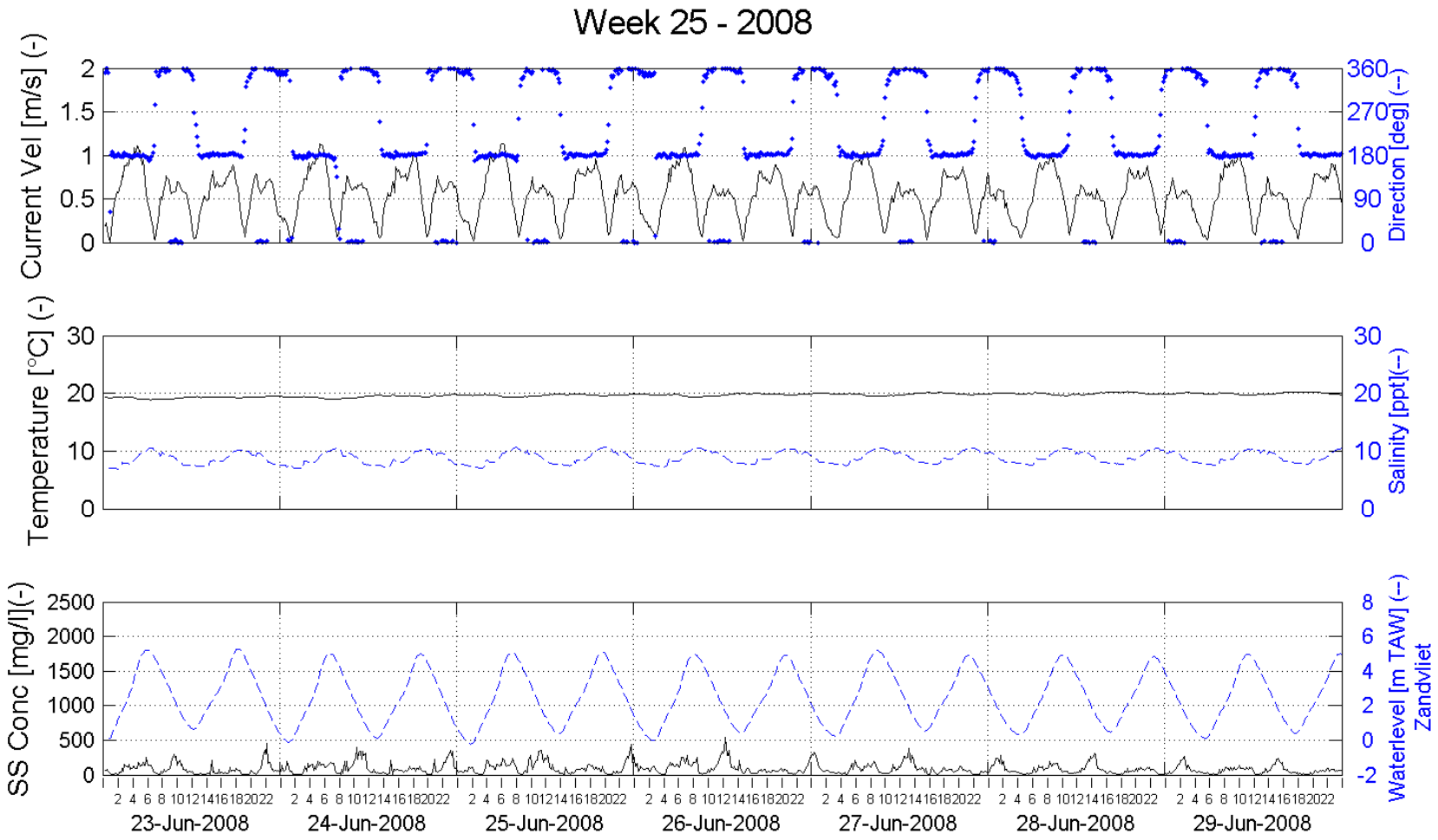
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

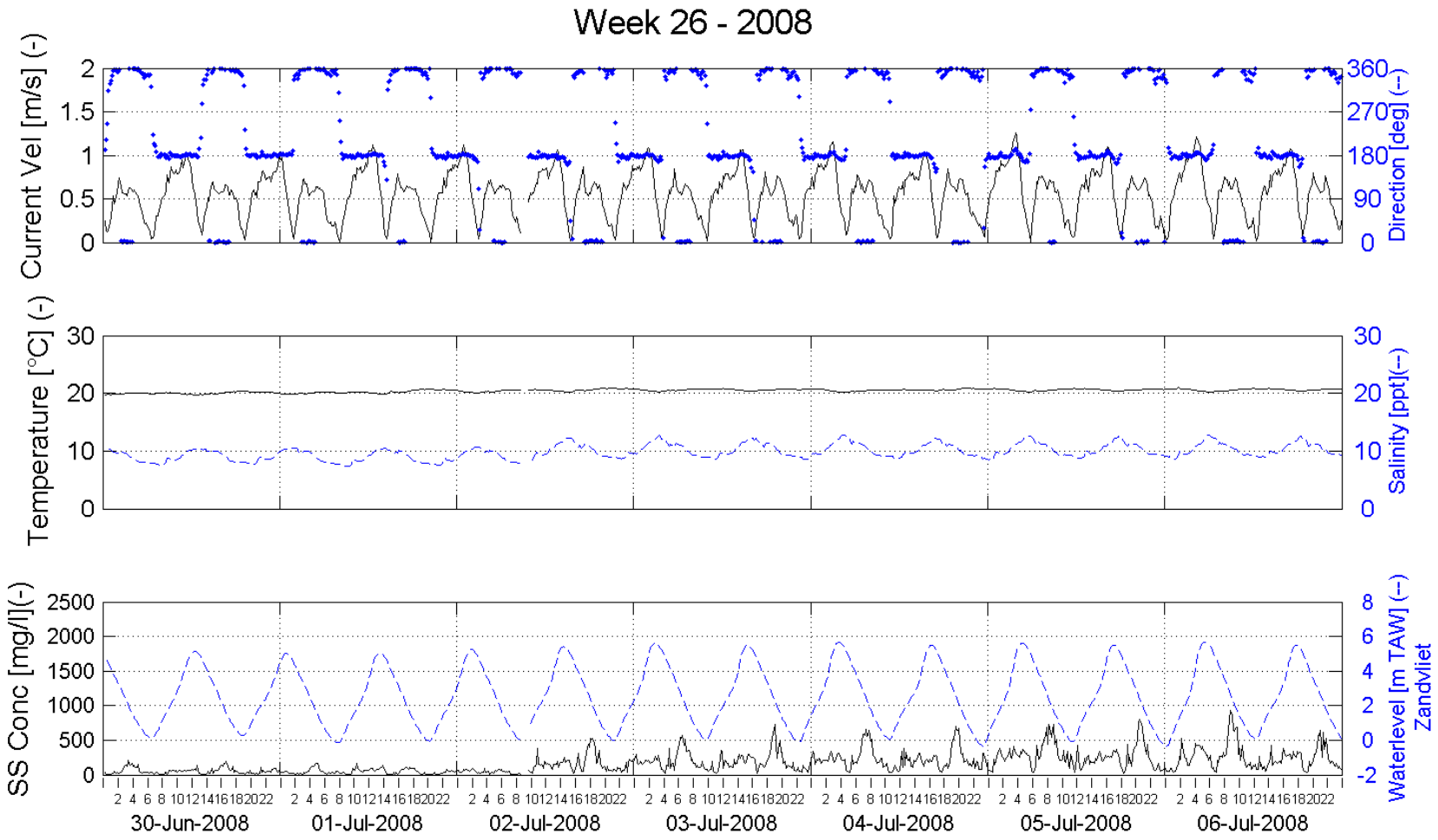
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

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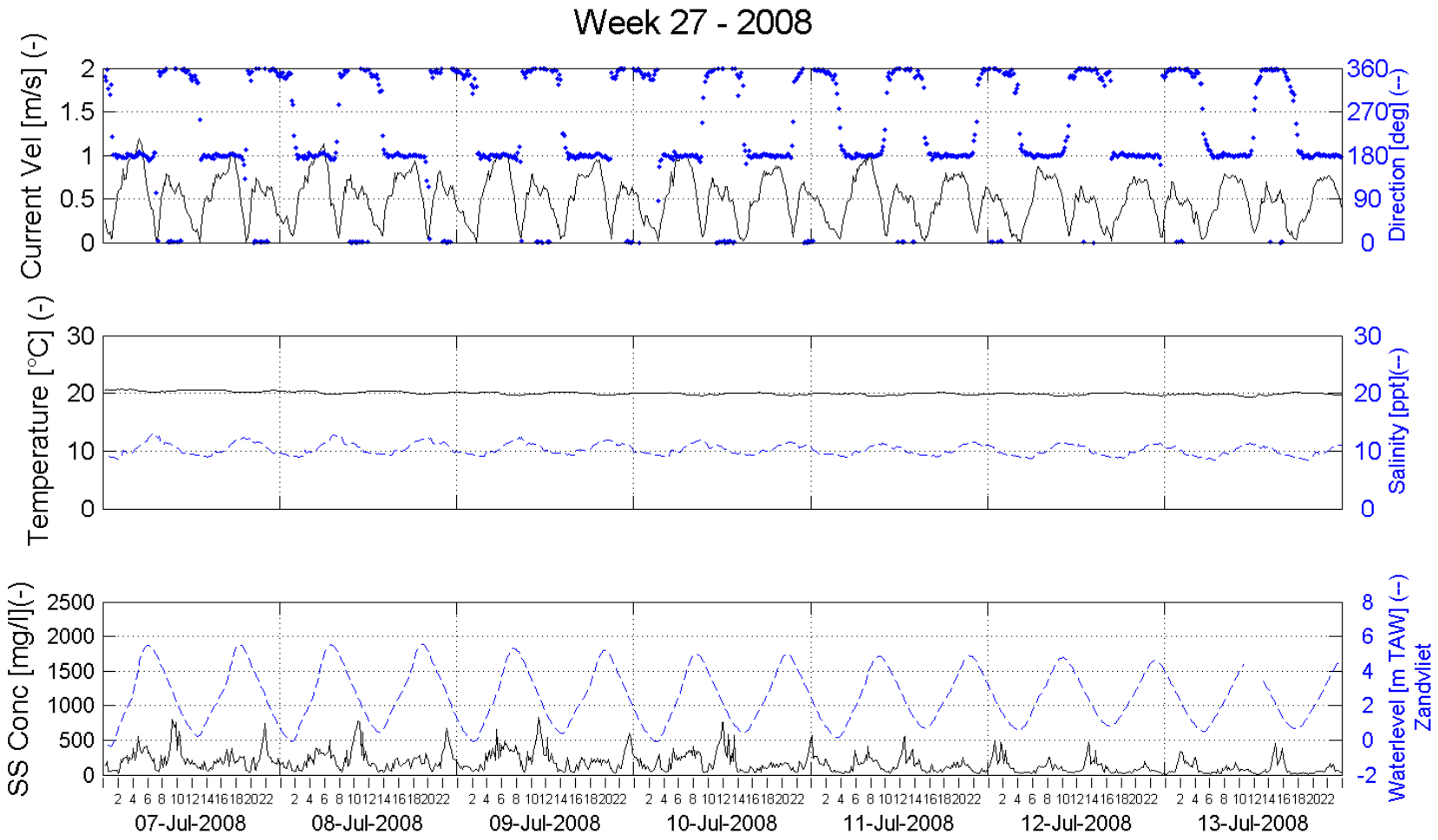
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

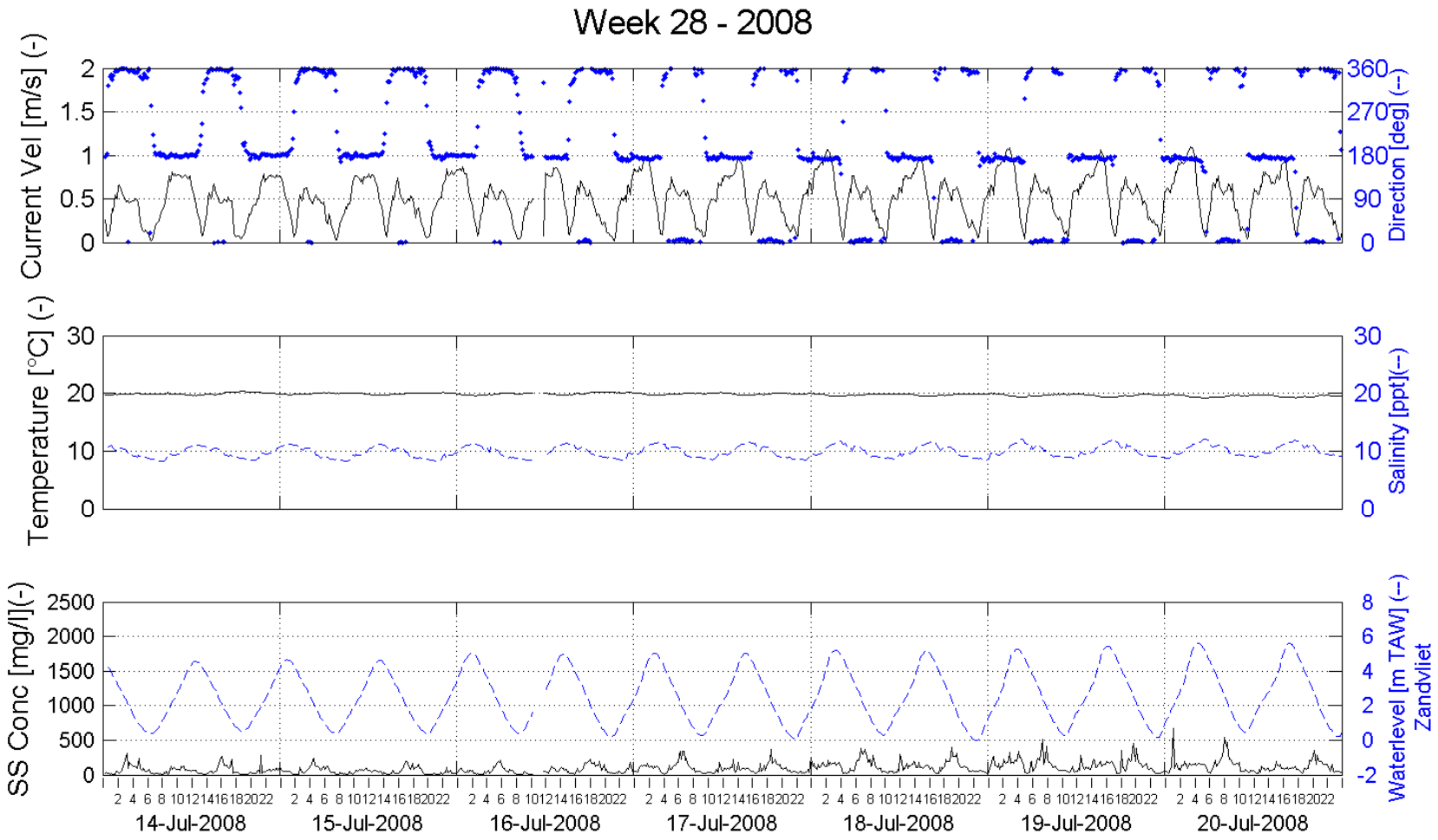
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

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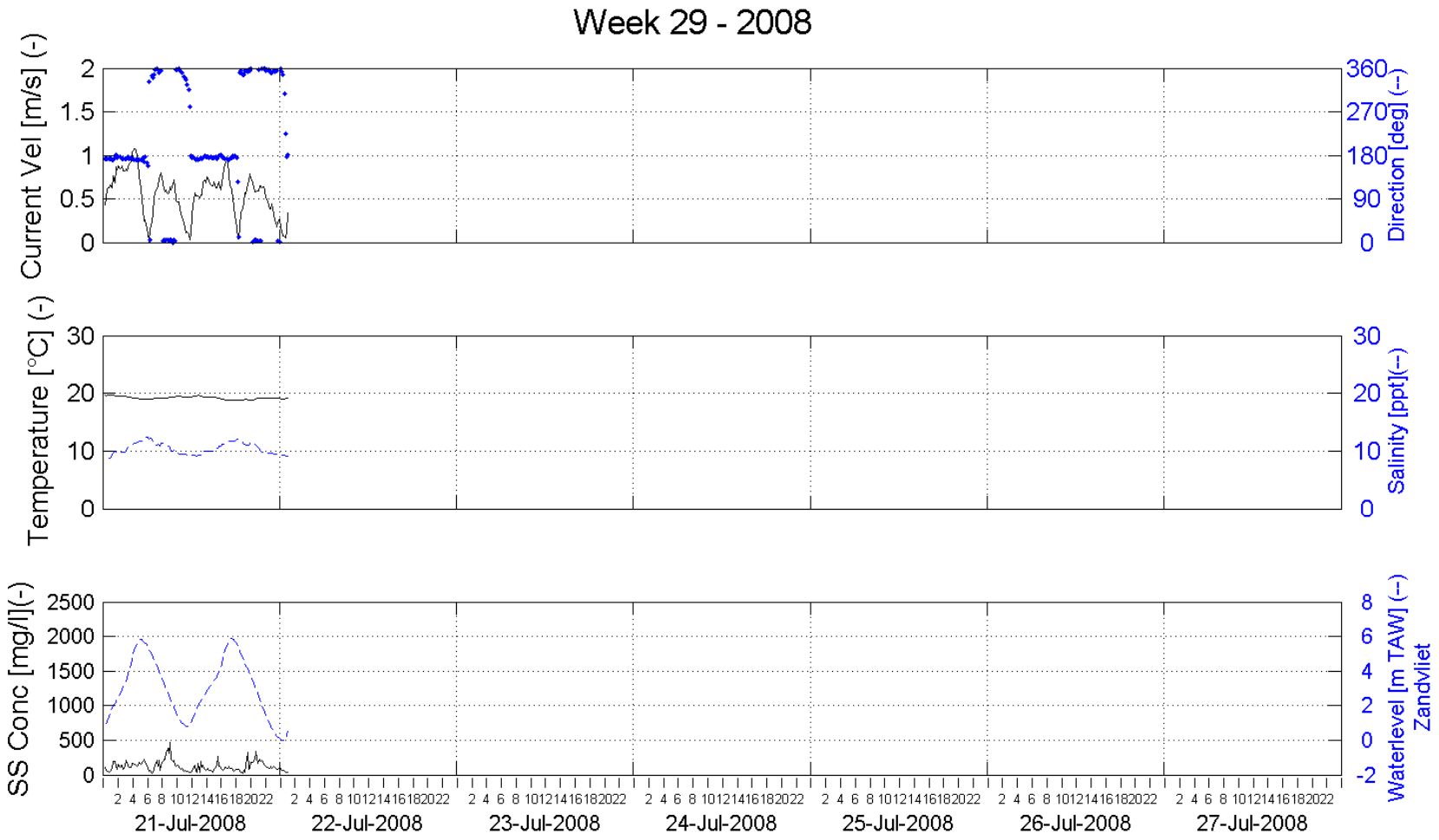
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

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International Marine & Dredging Consultants

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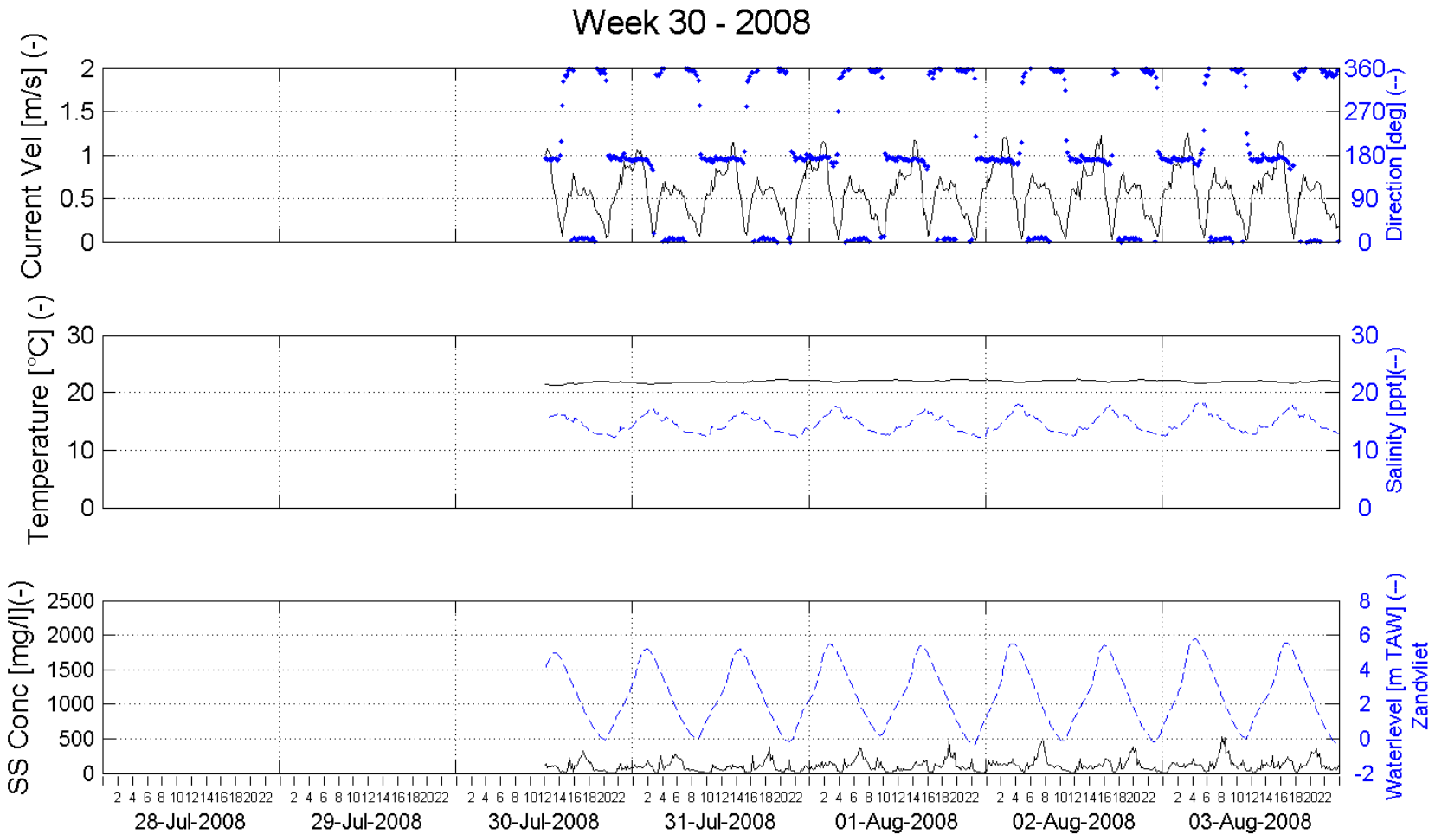
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

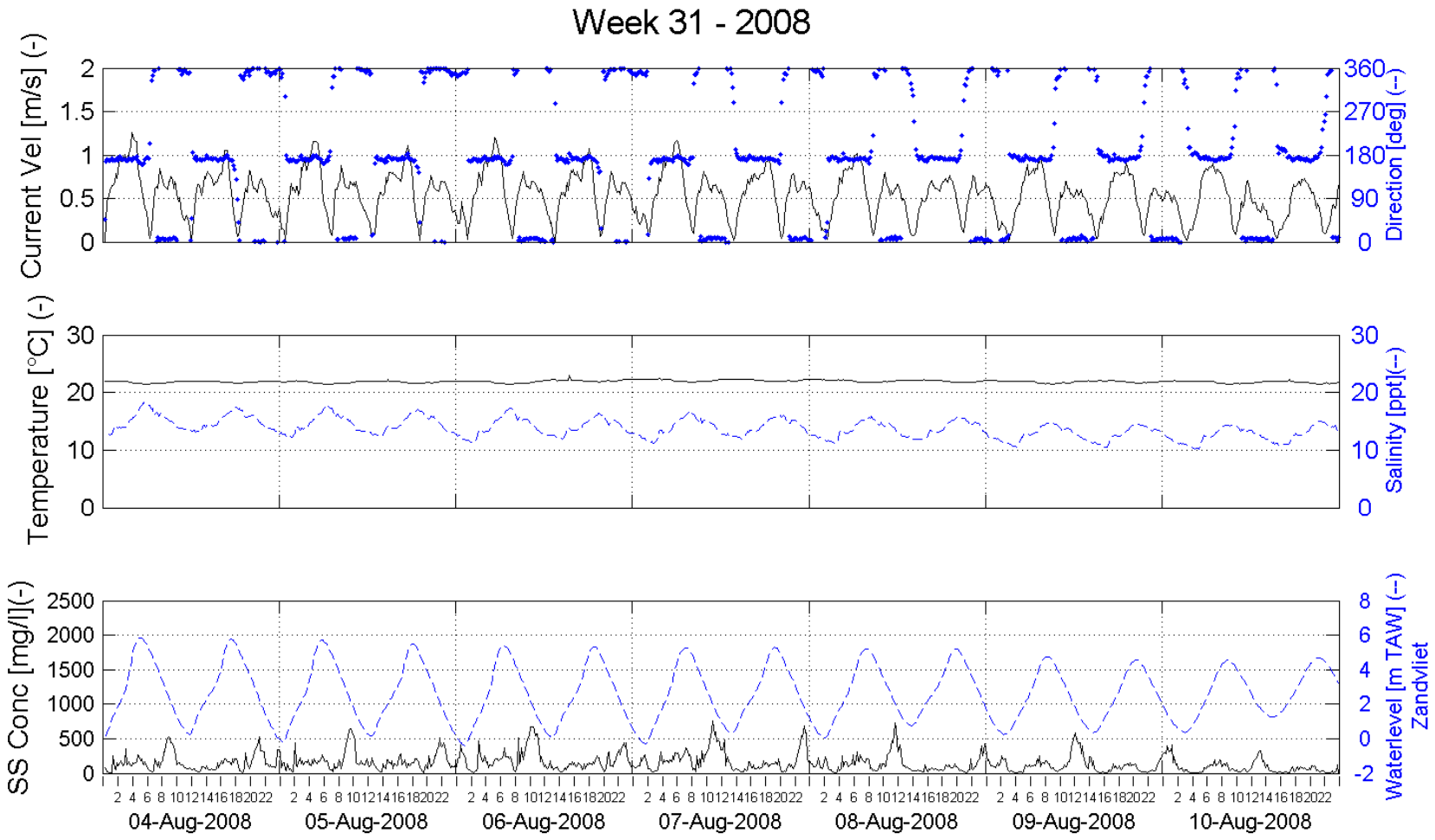
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

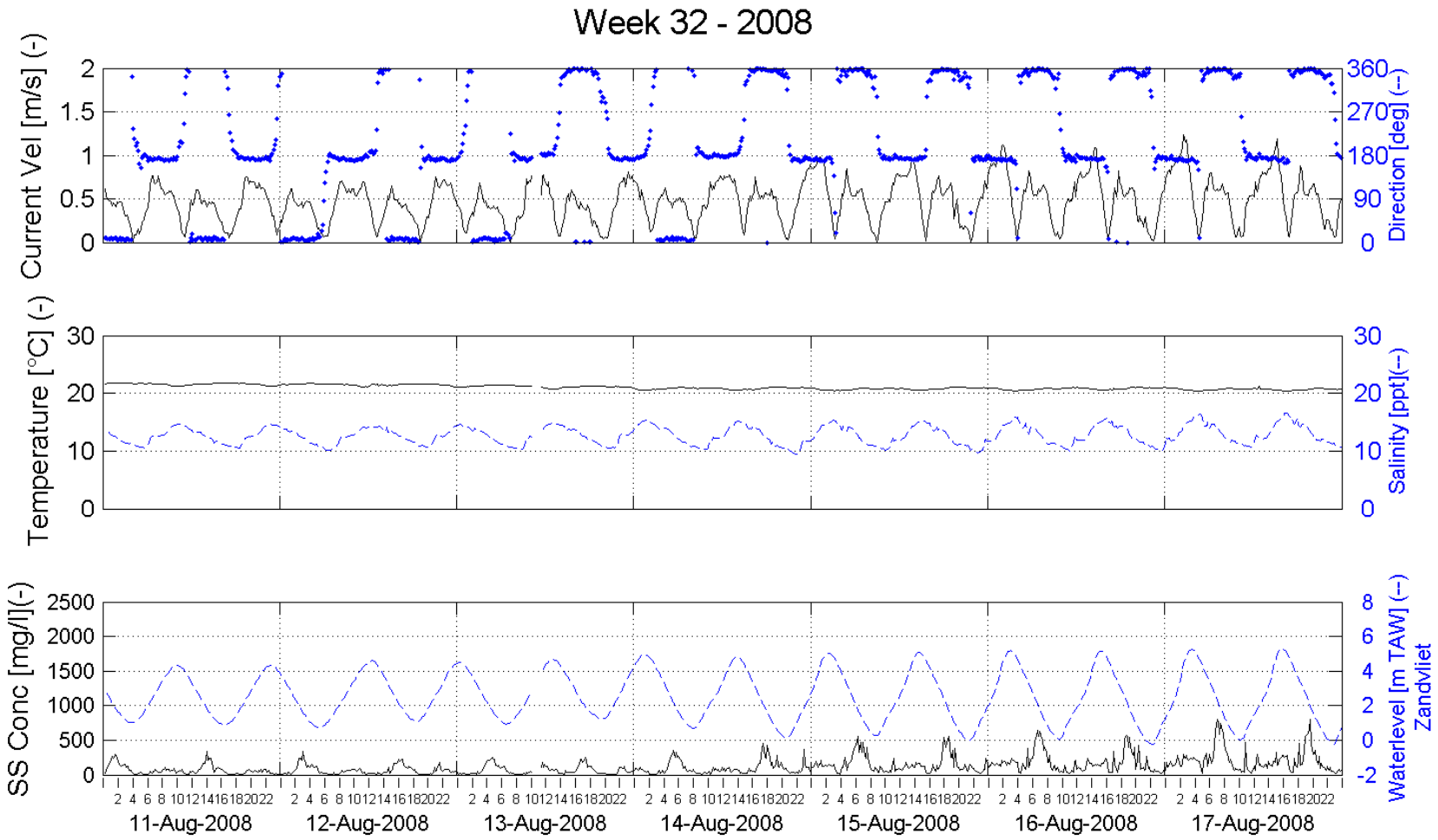
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

IMDC

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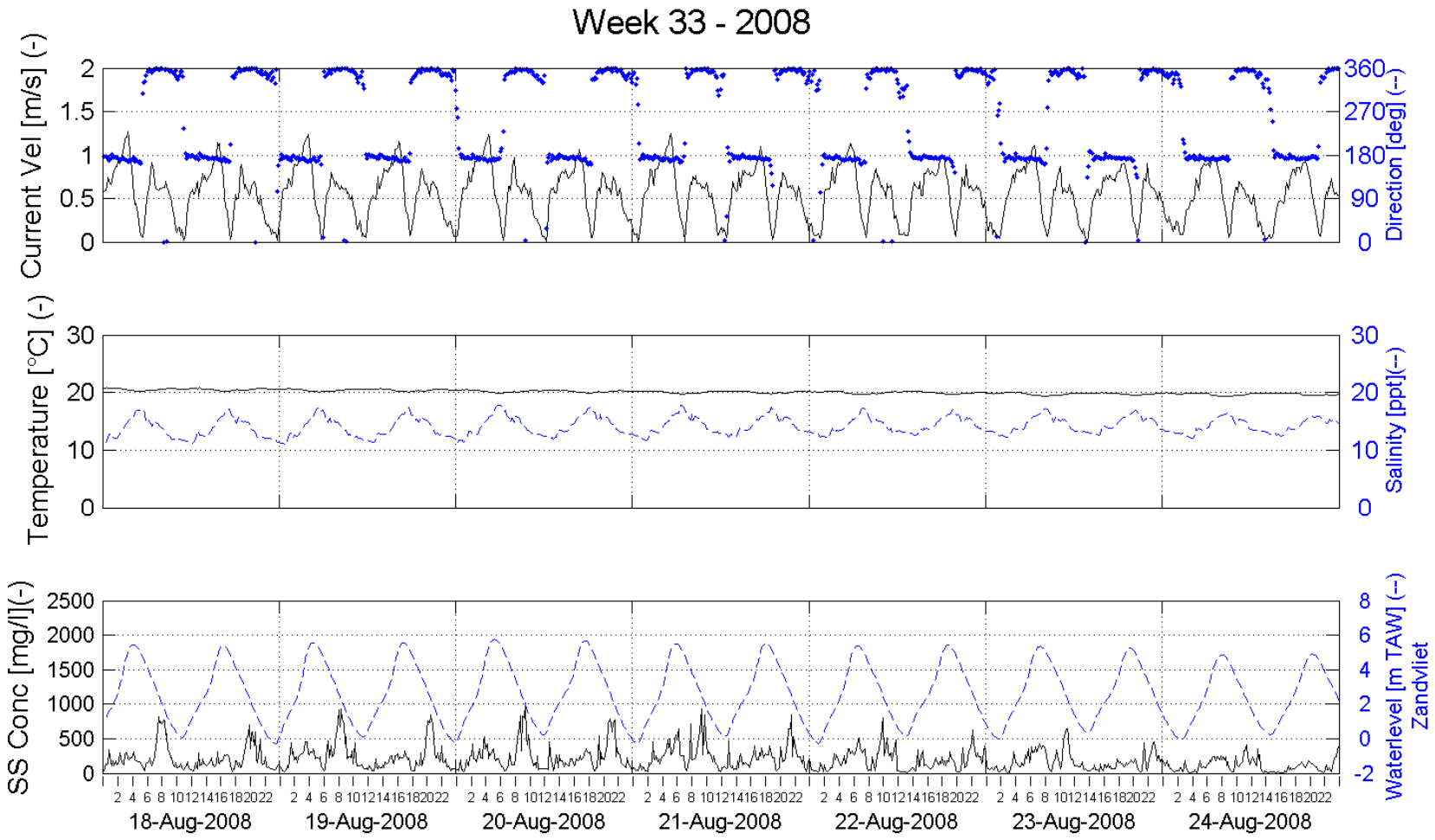
In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

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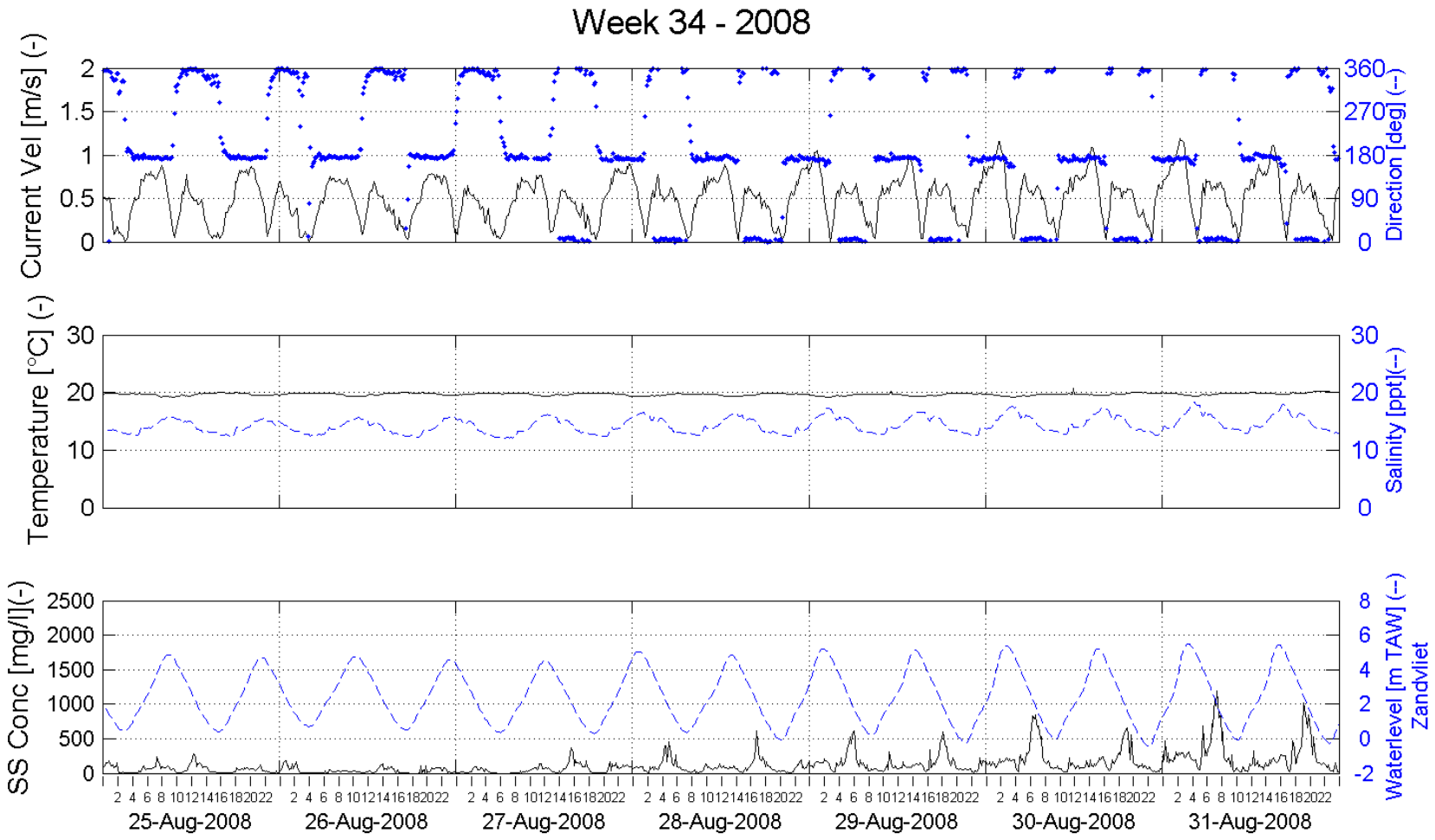


Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

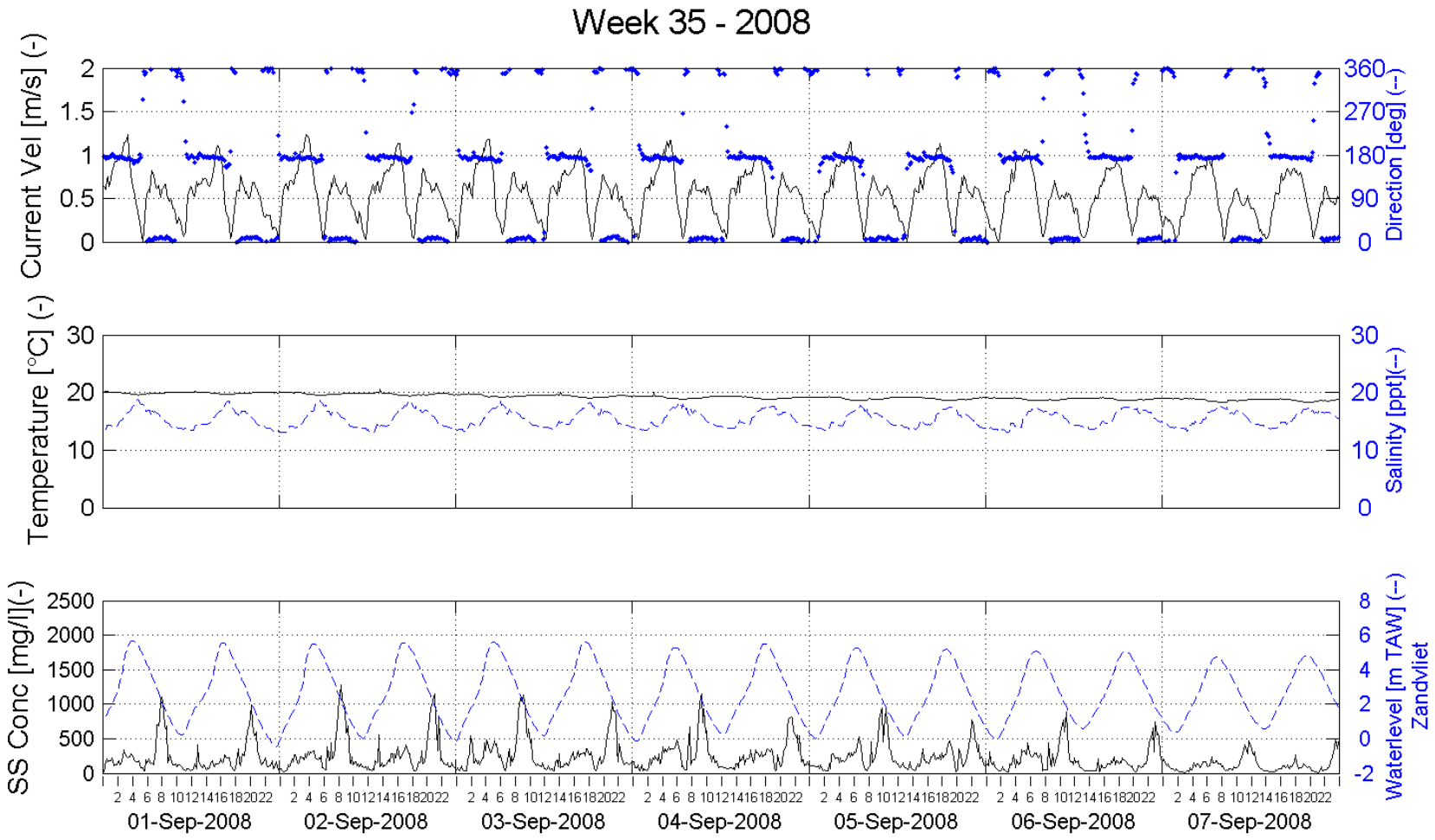
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

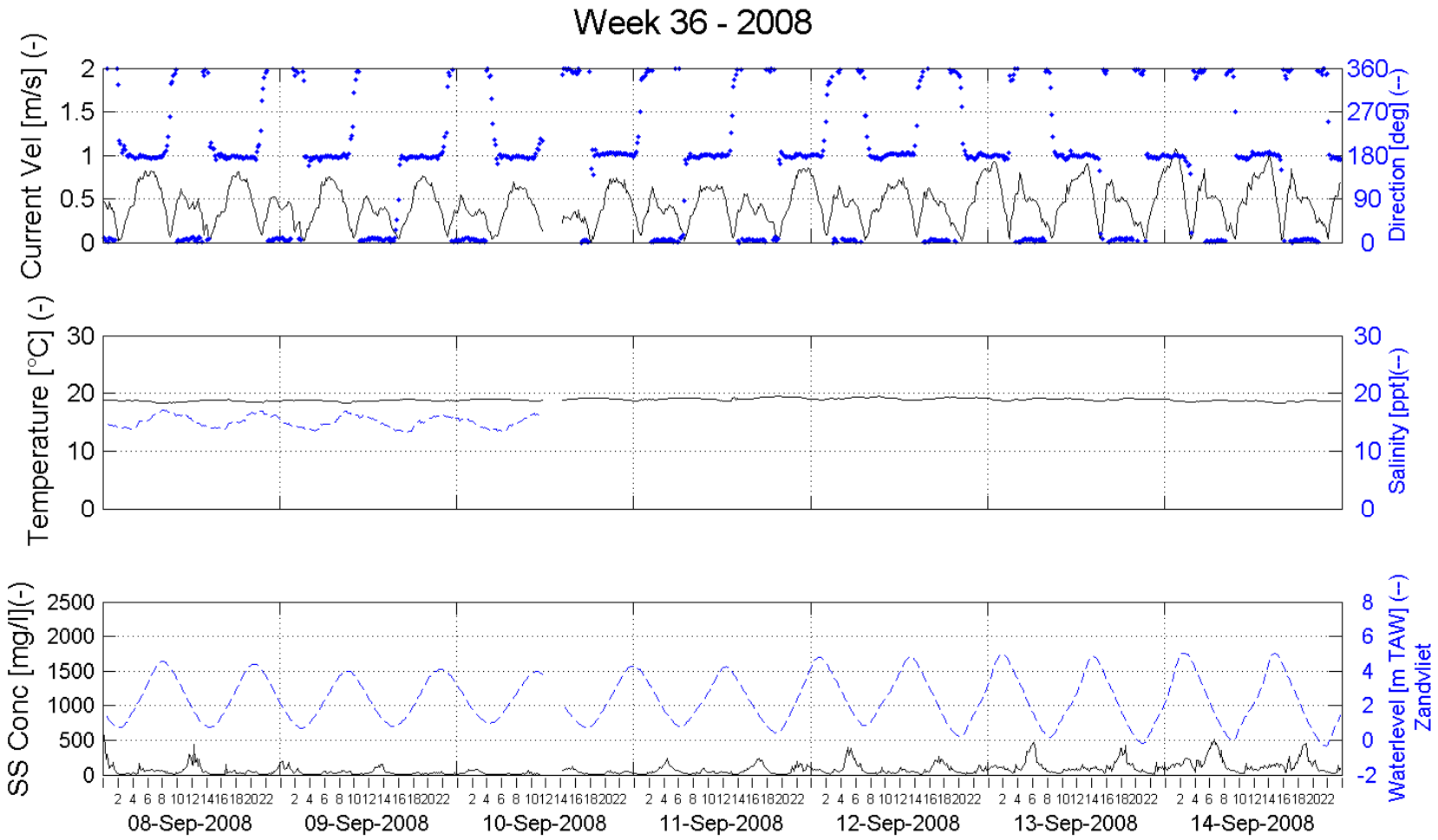
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

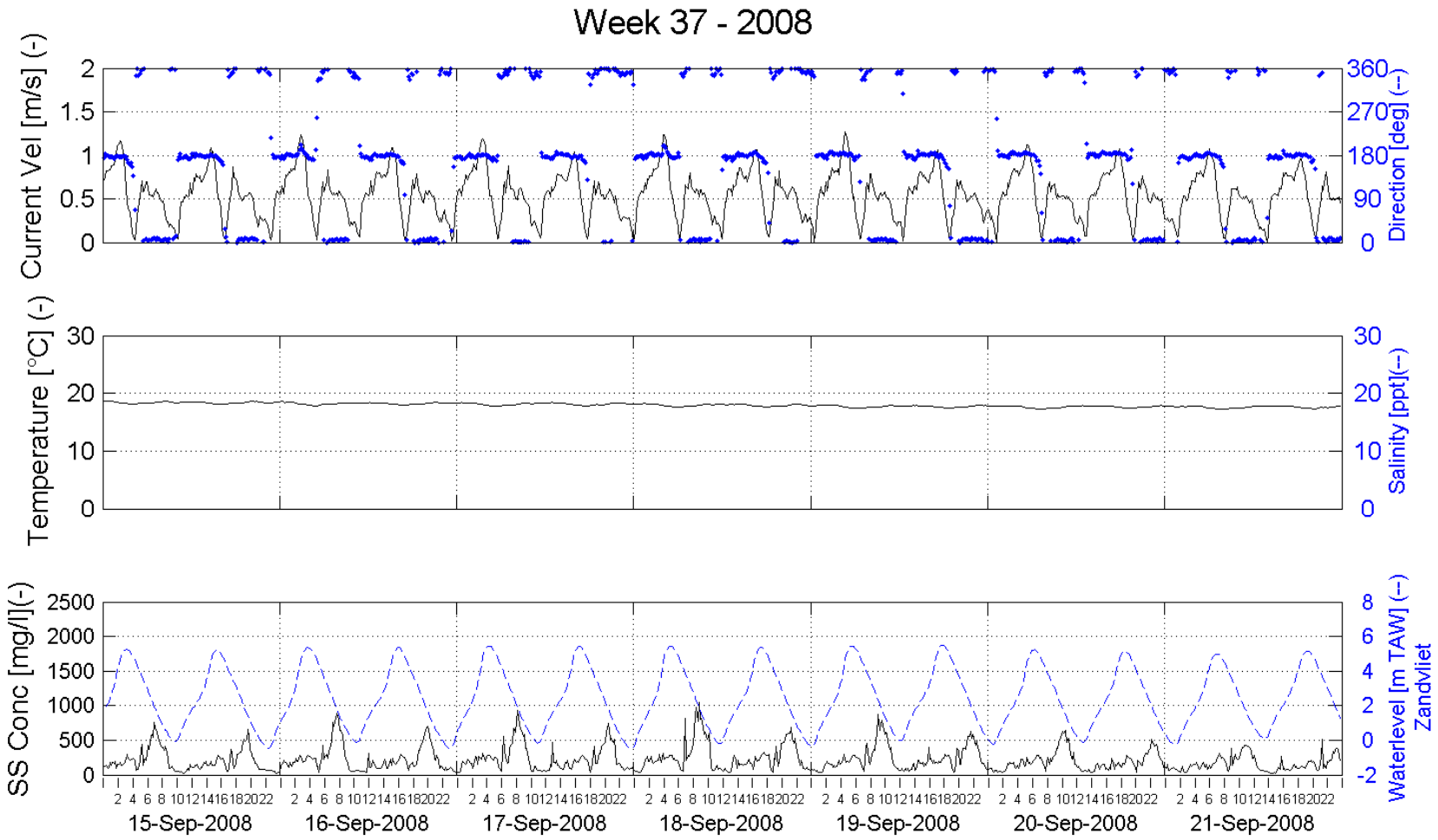
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

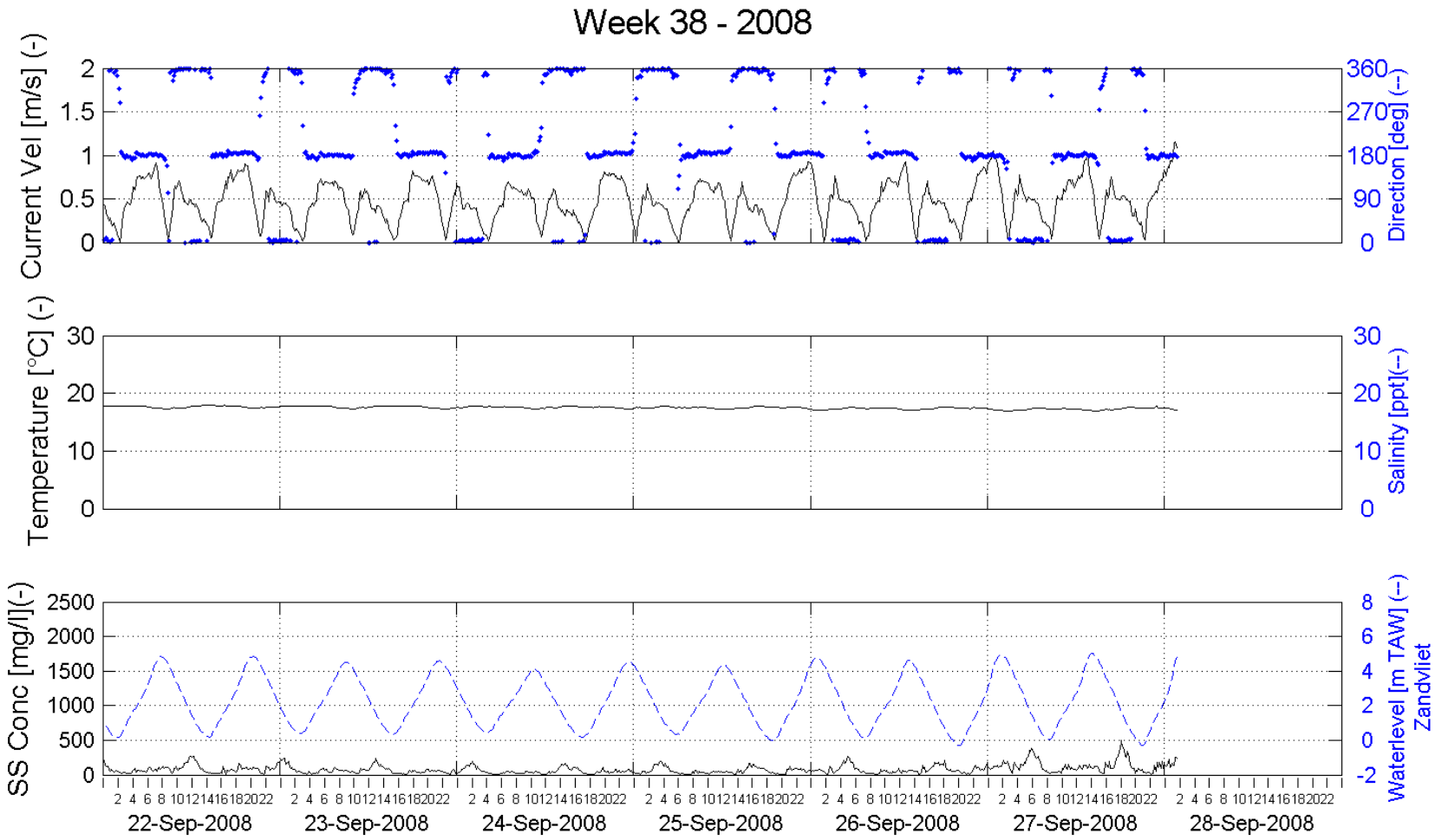
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 top - 3.3m above bottom (-4.78m TAW)

Processed by:

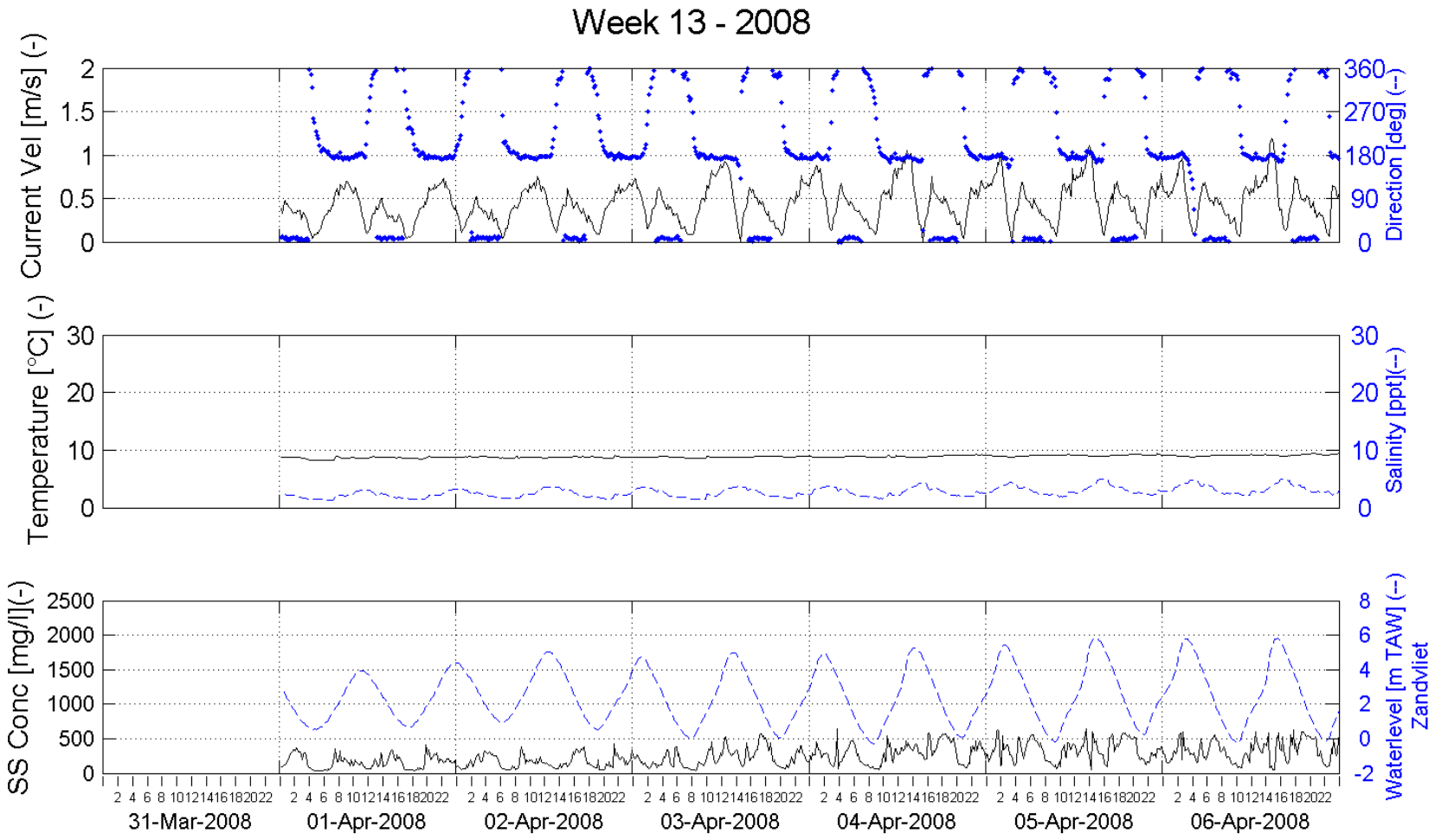
IMDC

In Association with:

I/RA/11283/08.096/MSA

B.1.2. Buoy 84 bottom

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

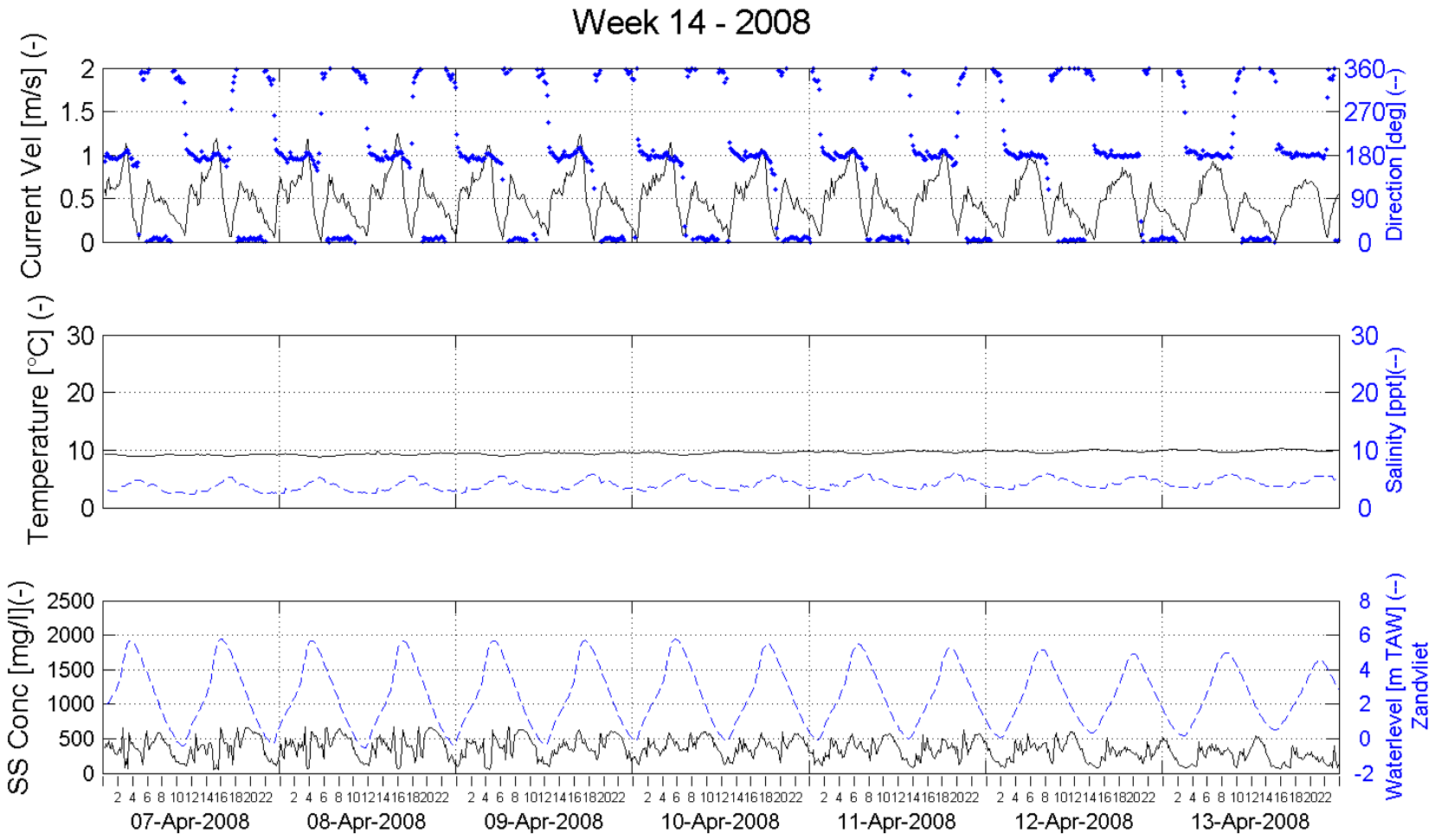
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

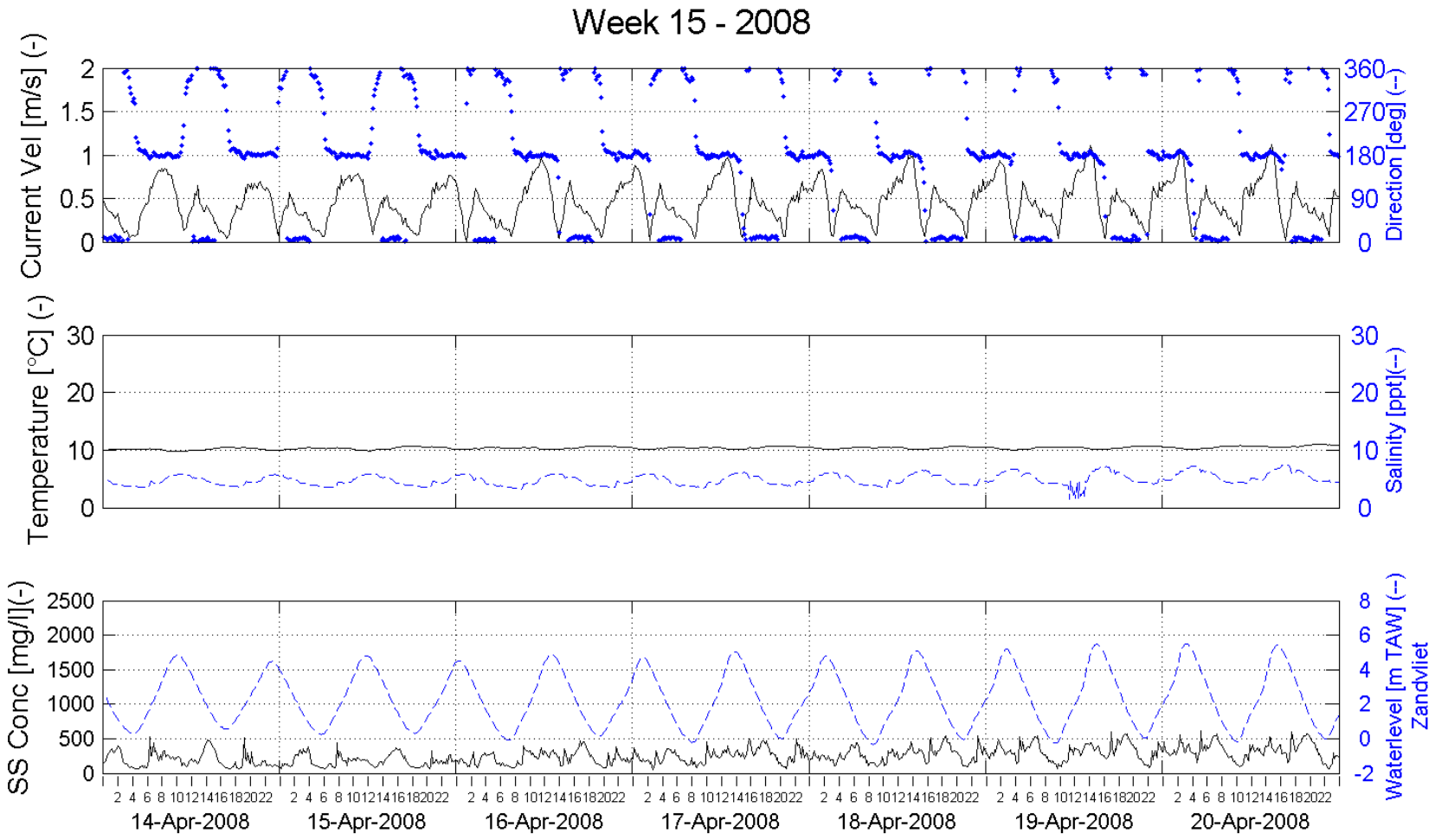
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

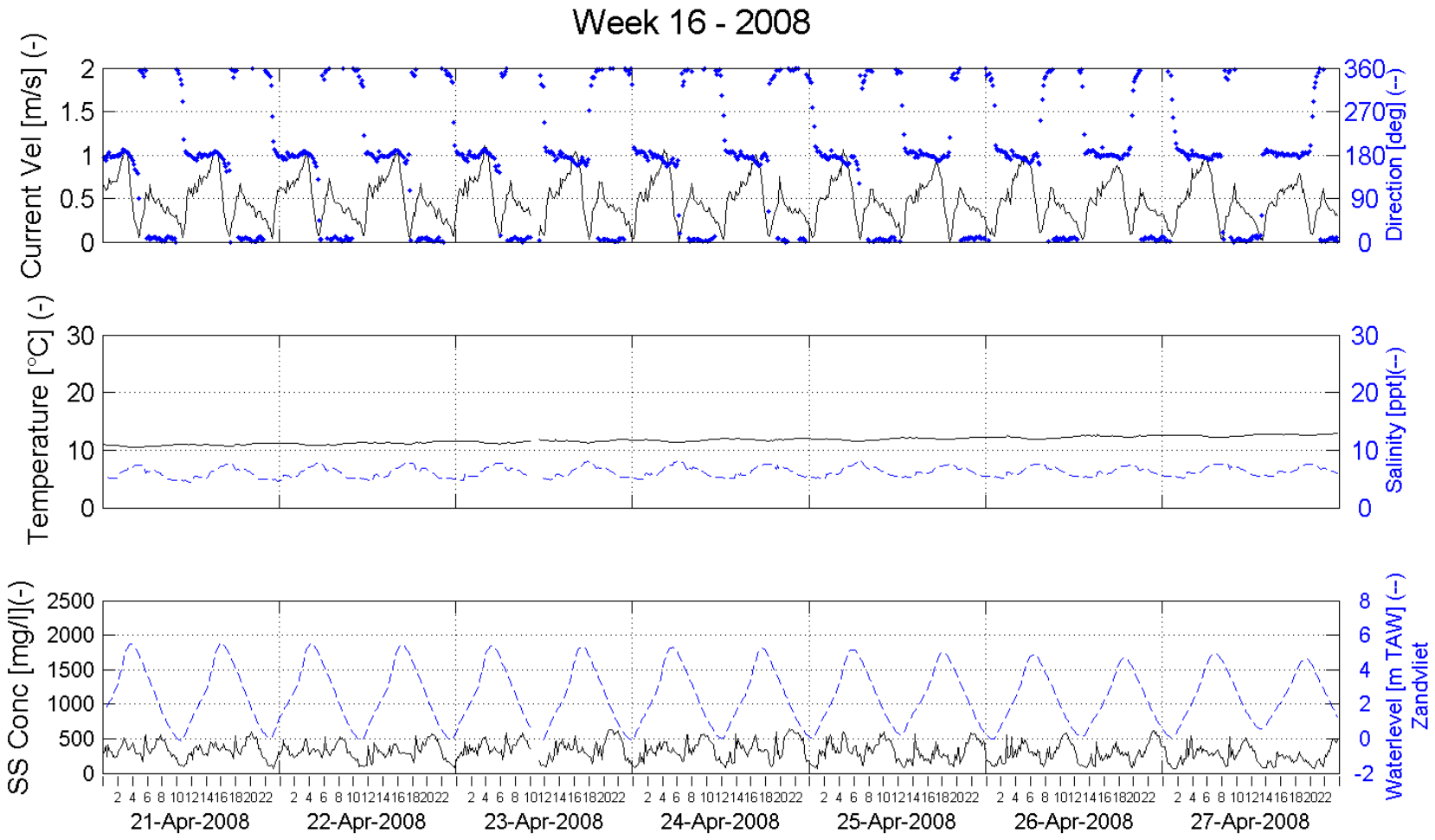
Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

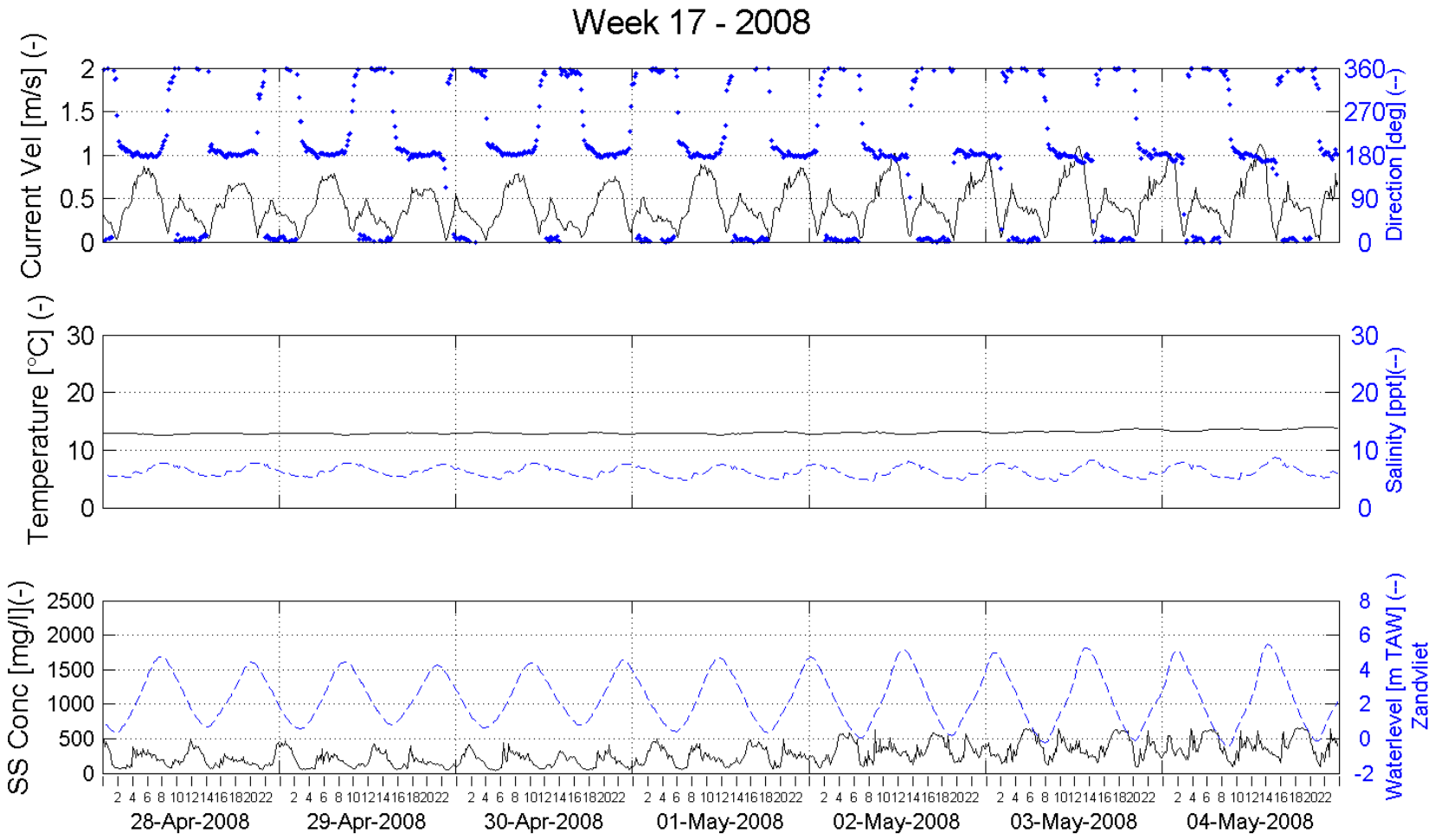
Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

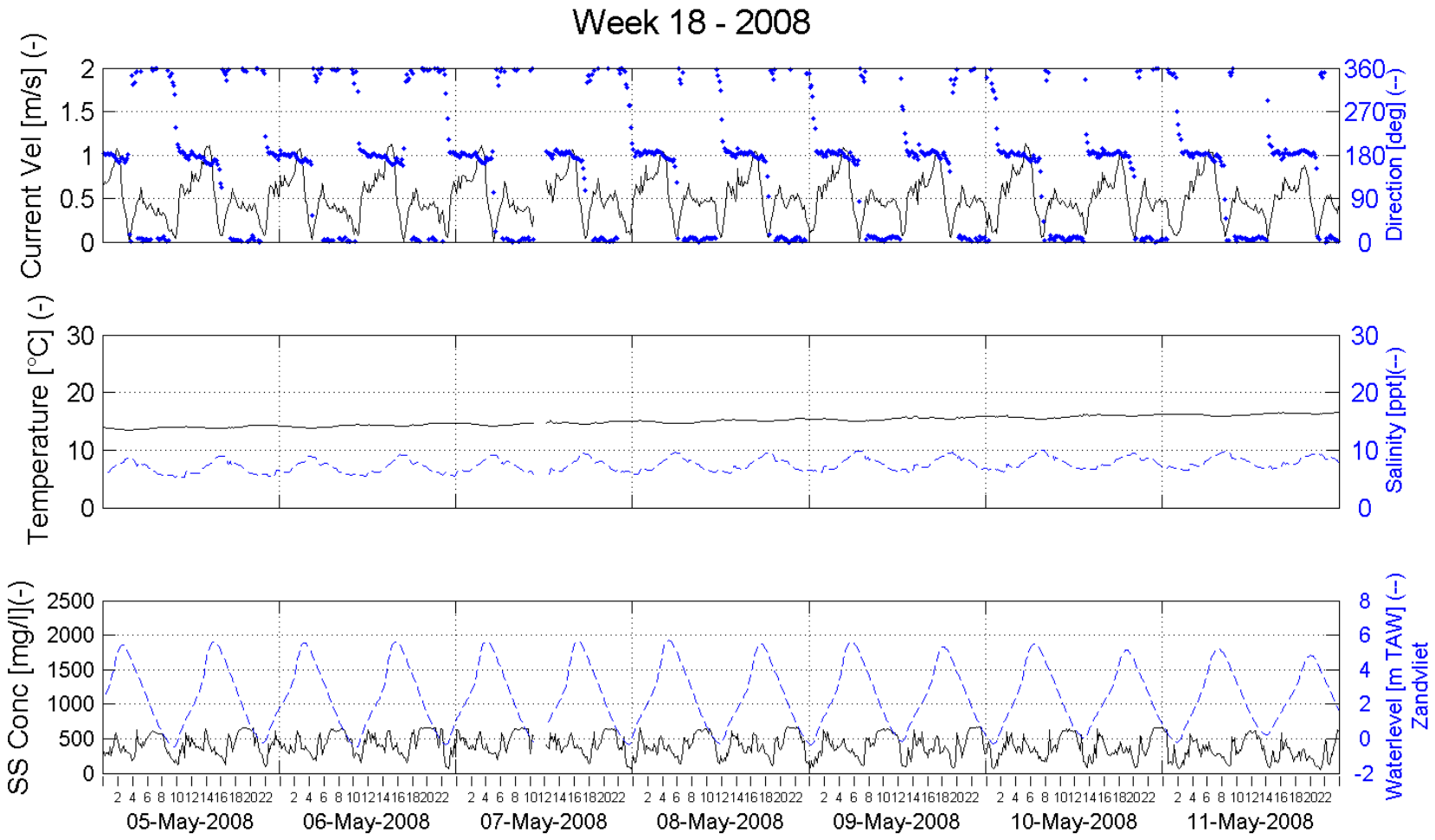
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

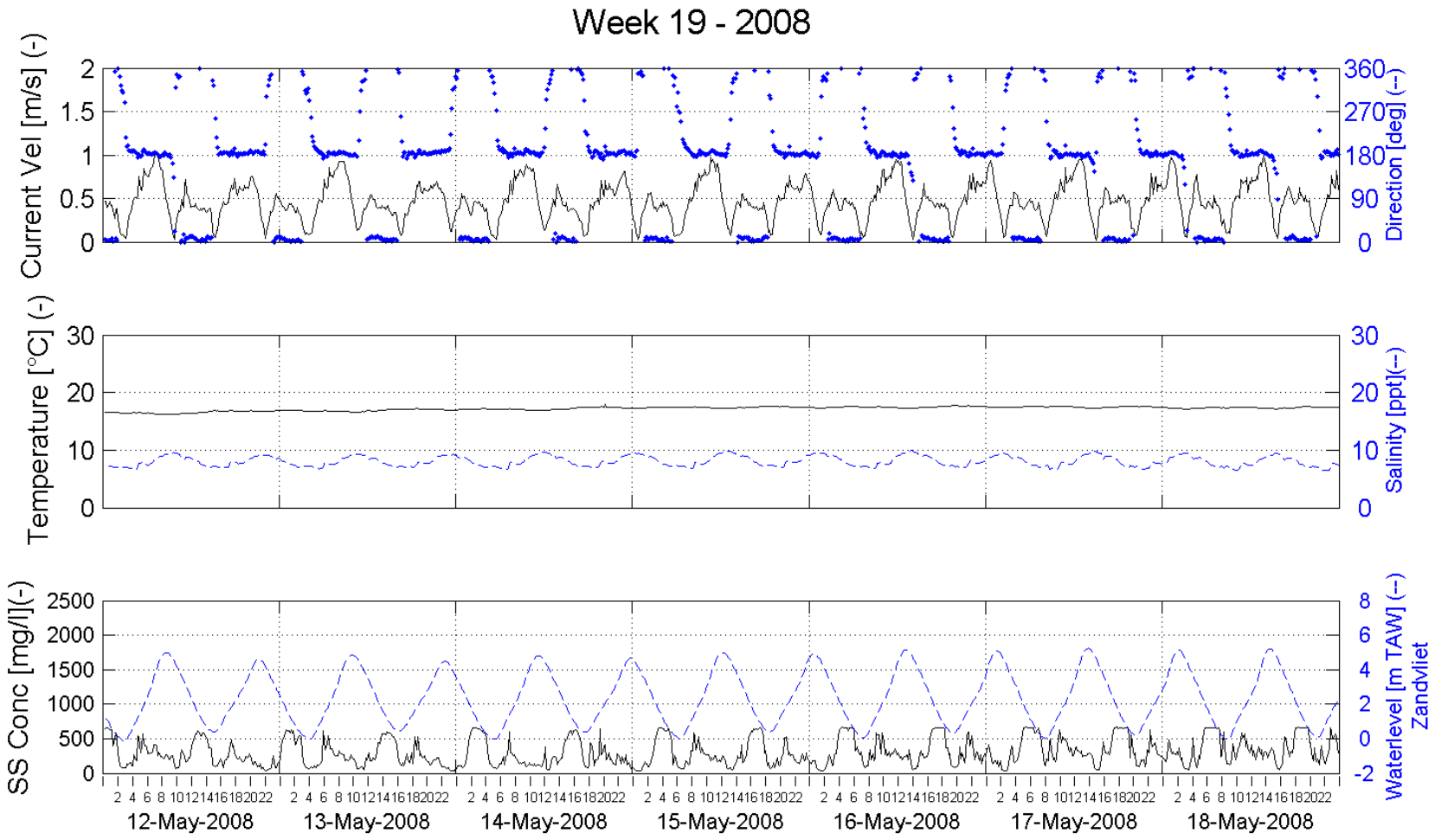
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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In Association with:

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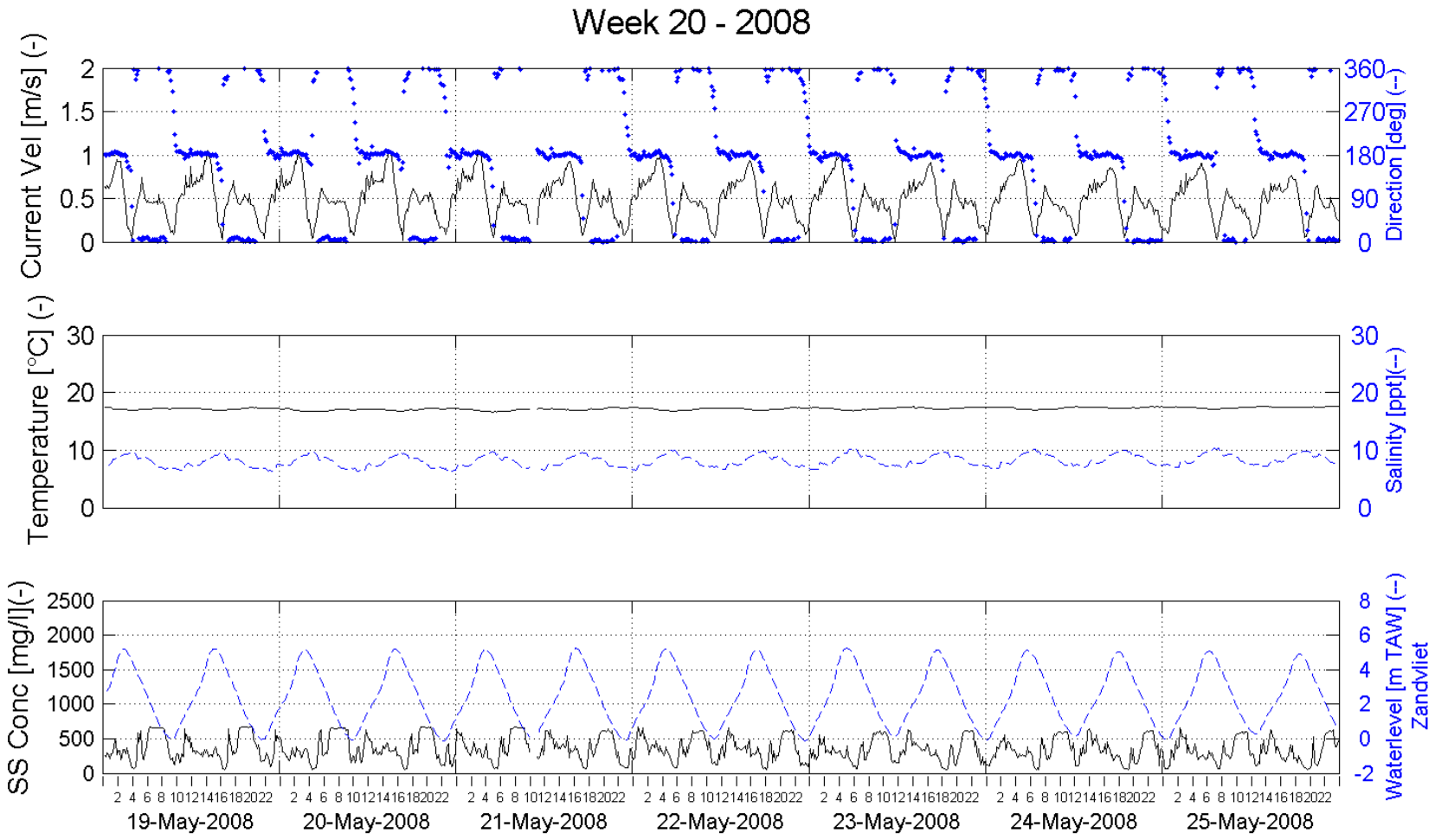
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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International Marine & Dredging Consultants

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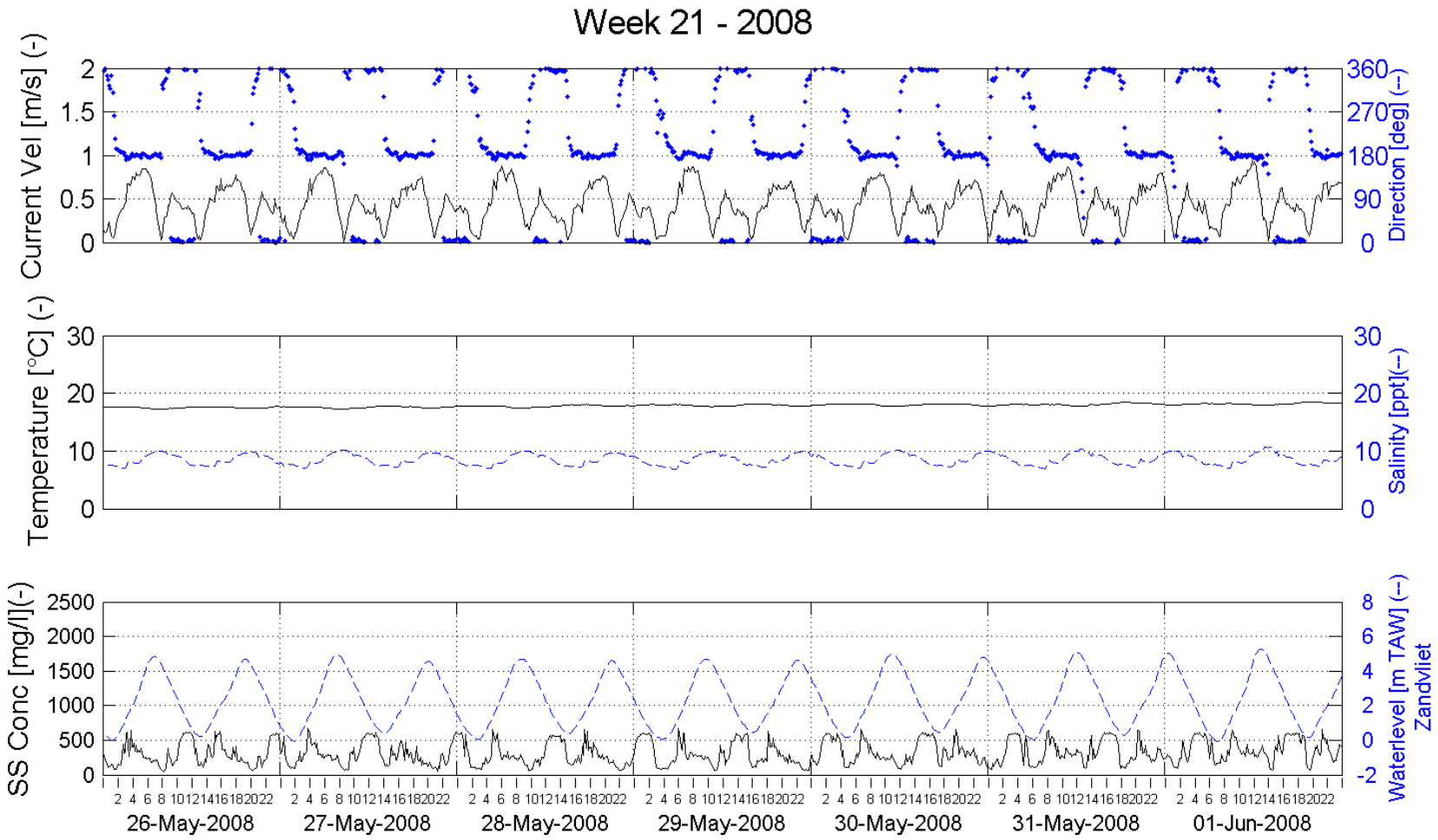
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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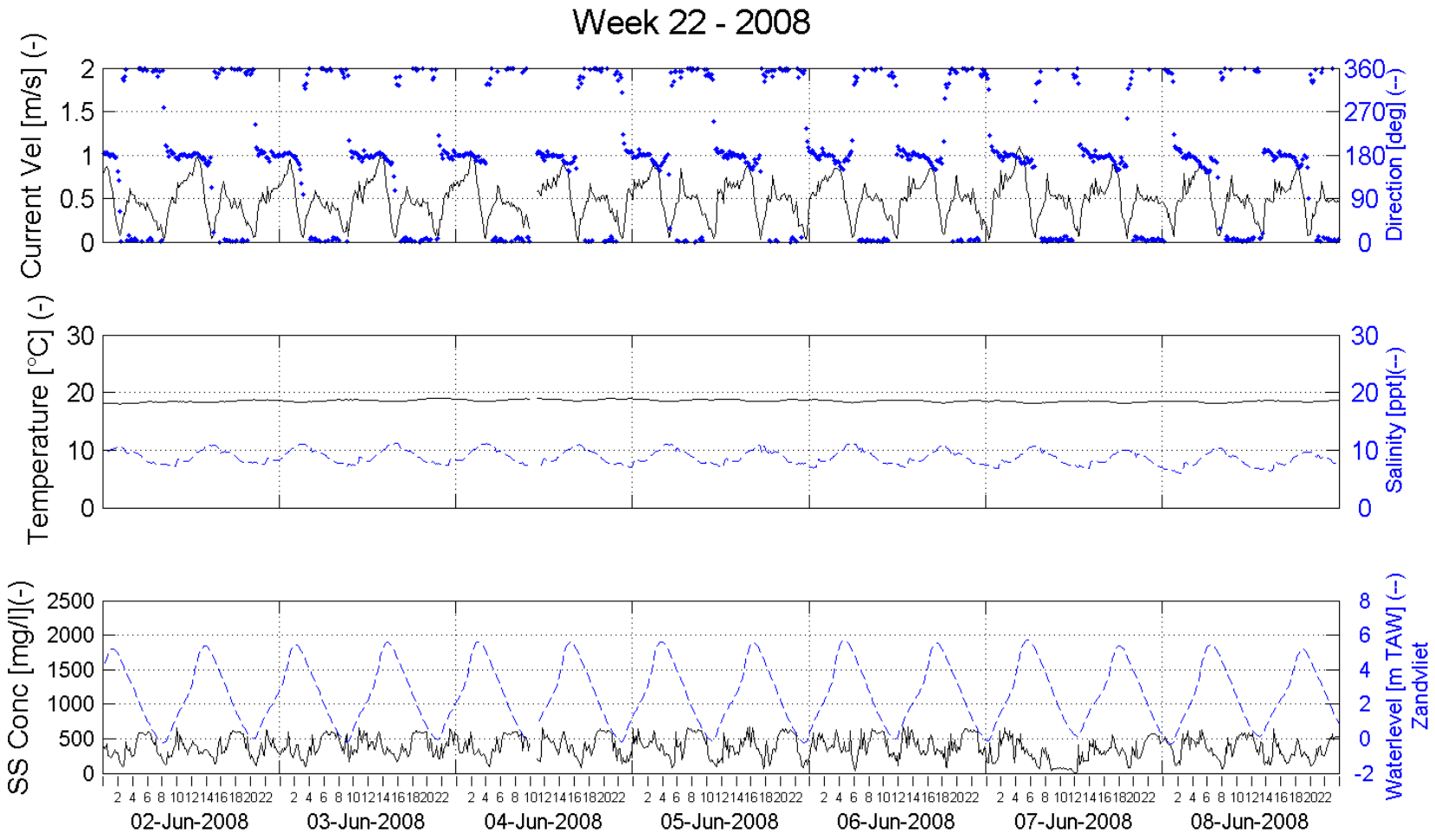
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

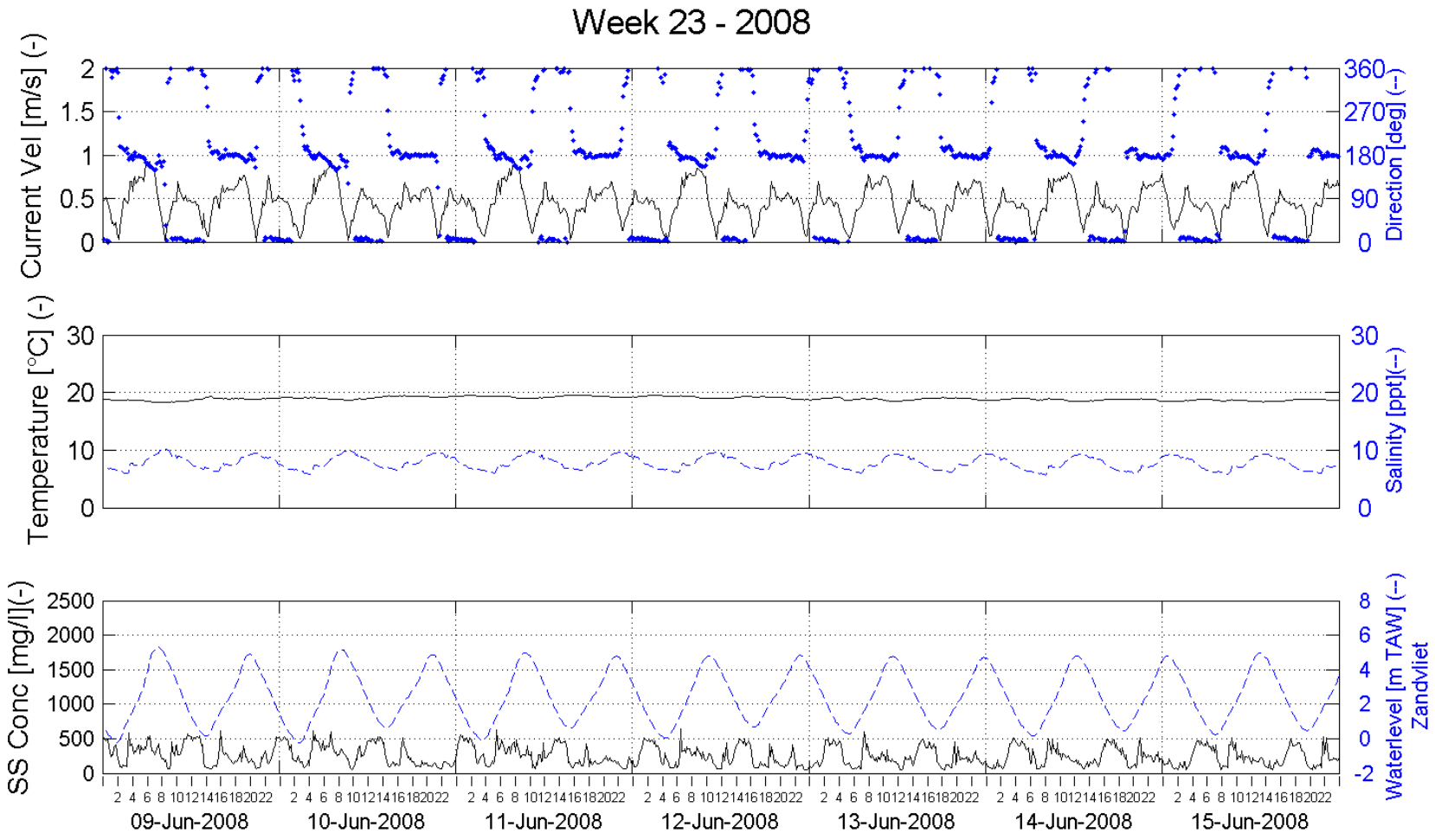
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

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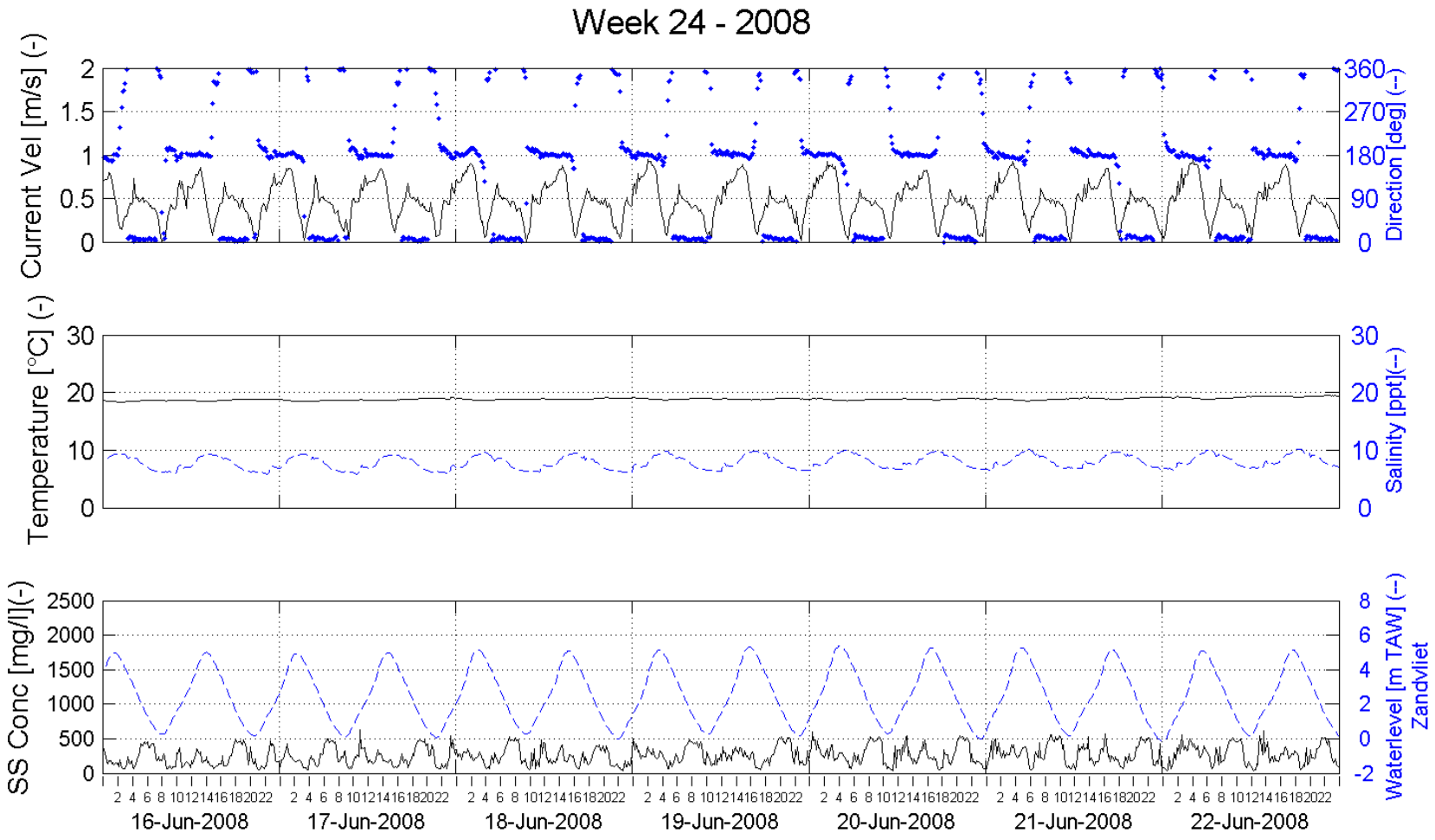
In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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In Association with:

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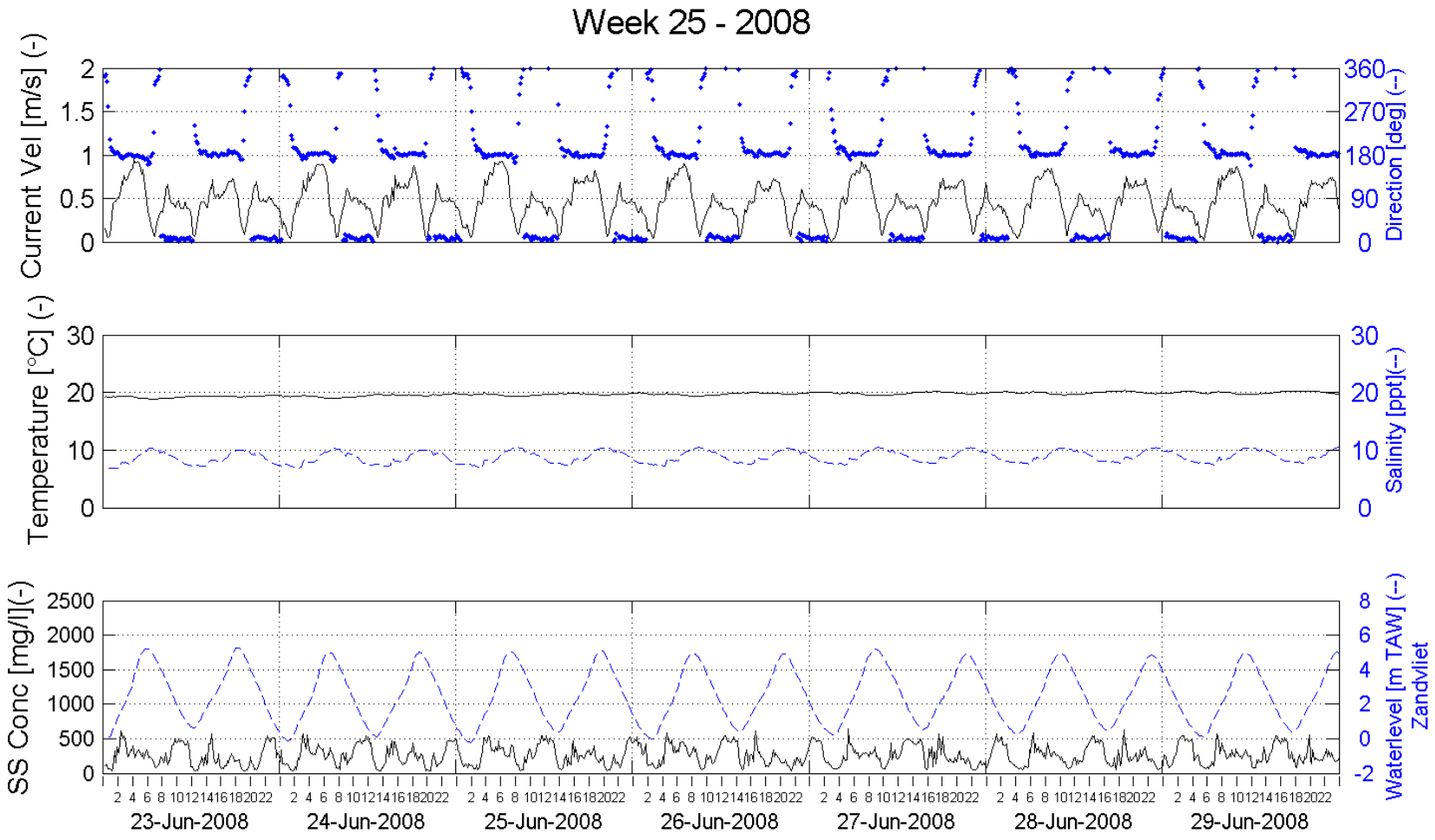
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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In Association with:

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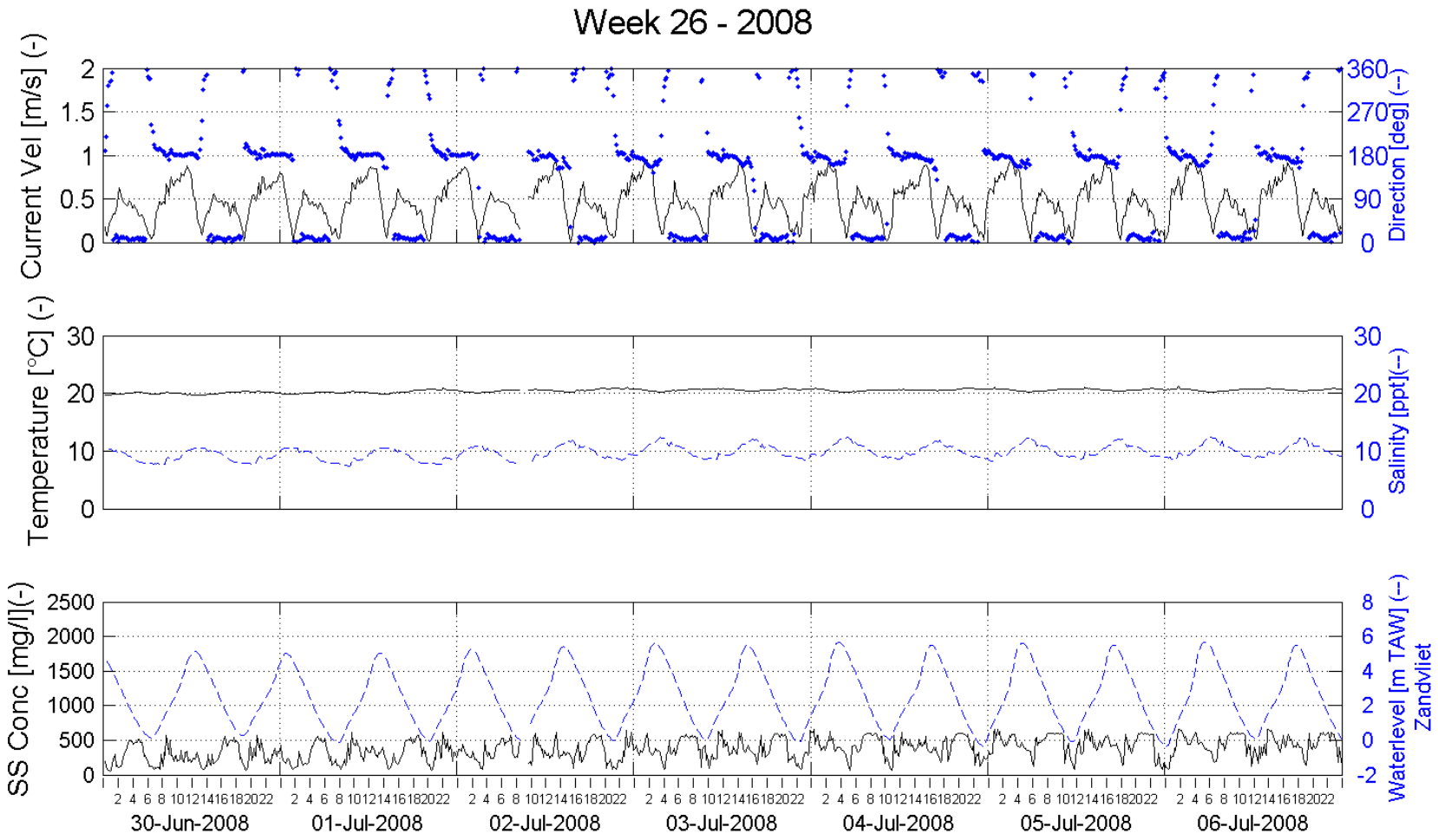
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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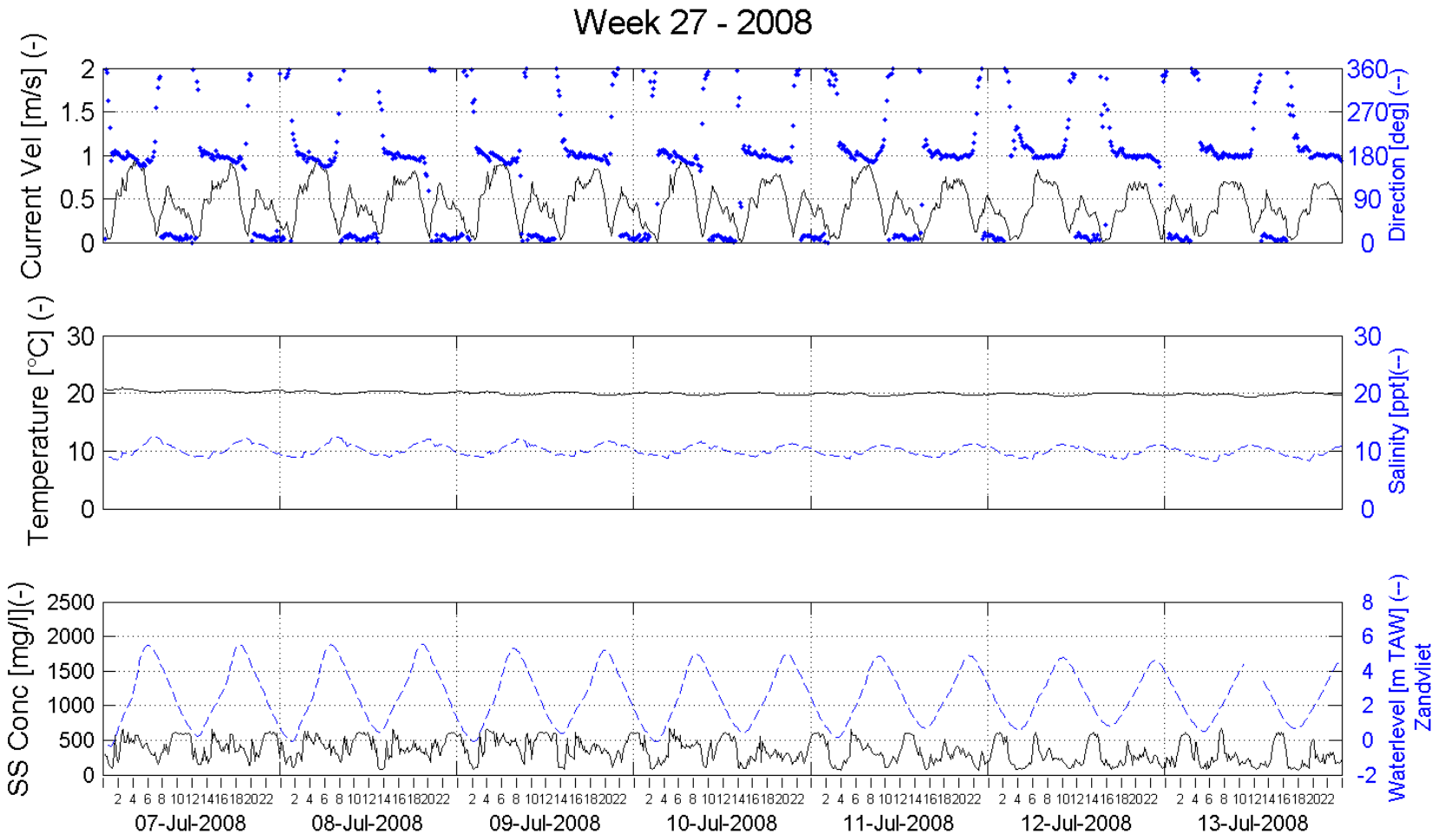
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

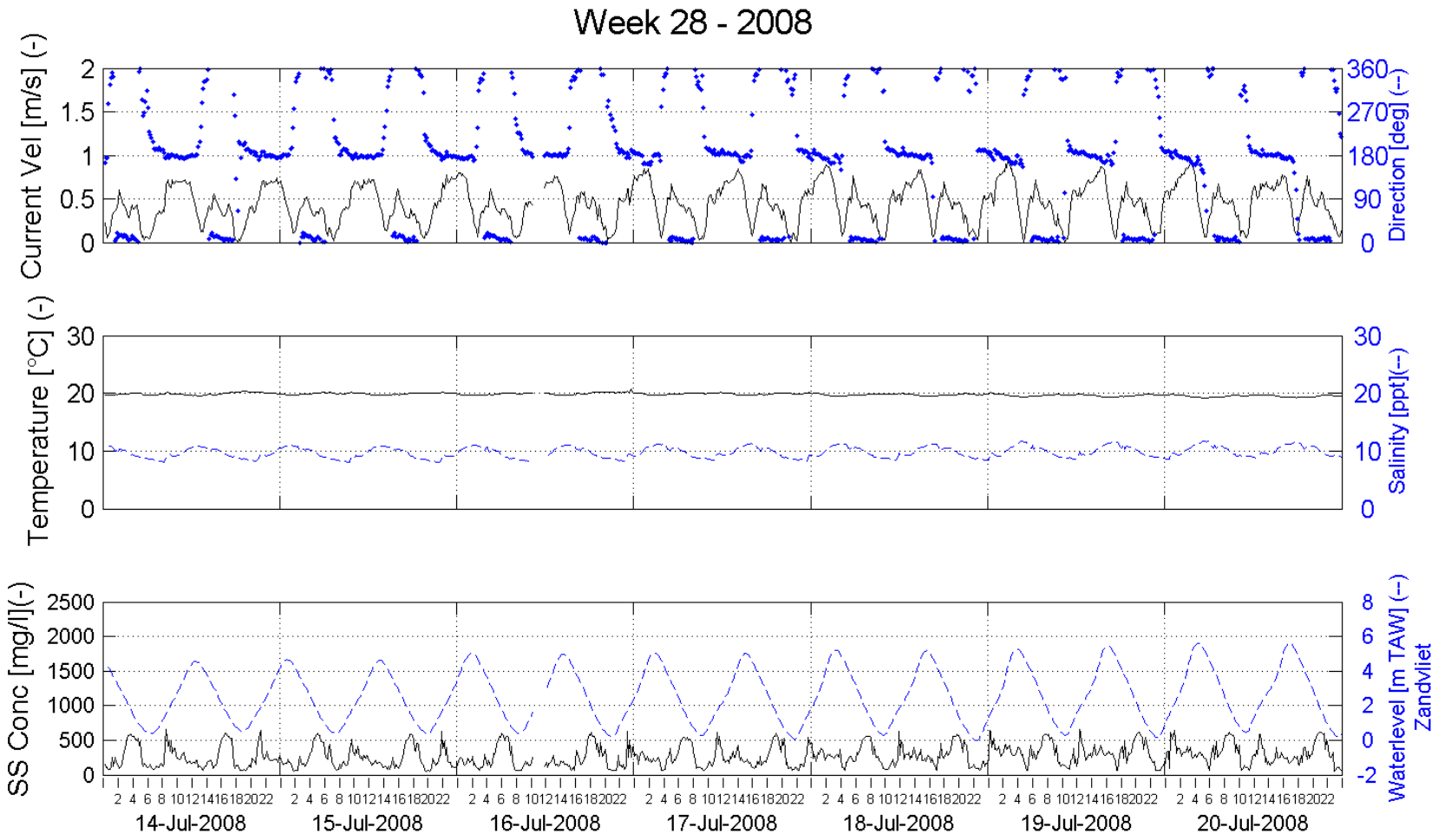
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

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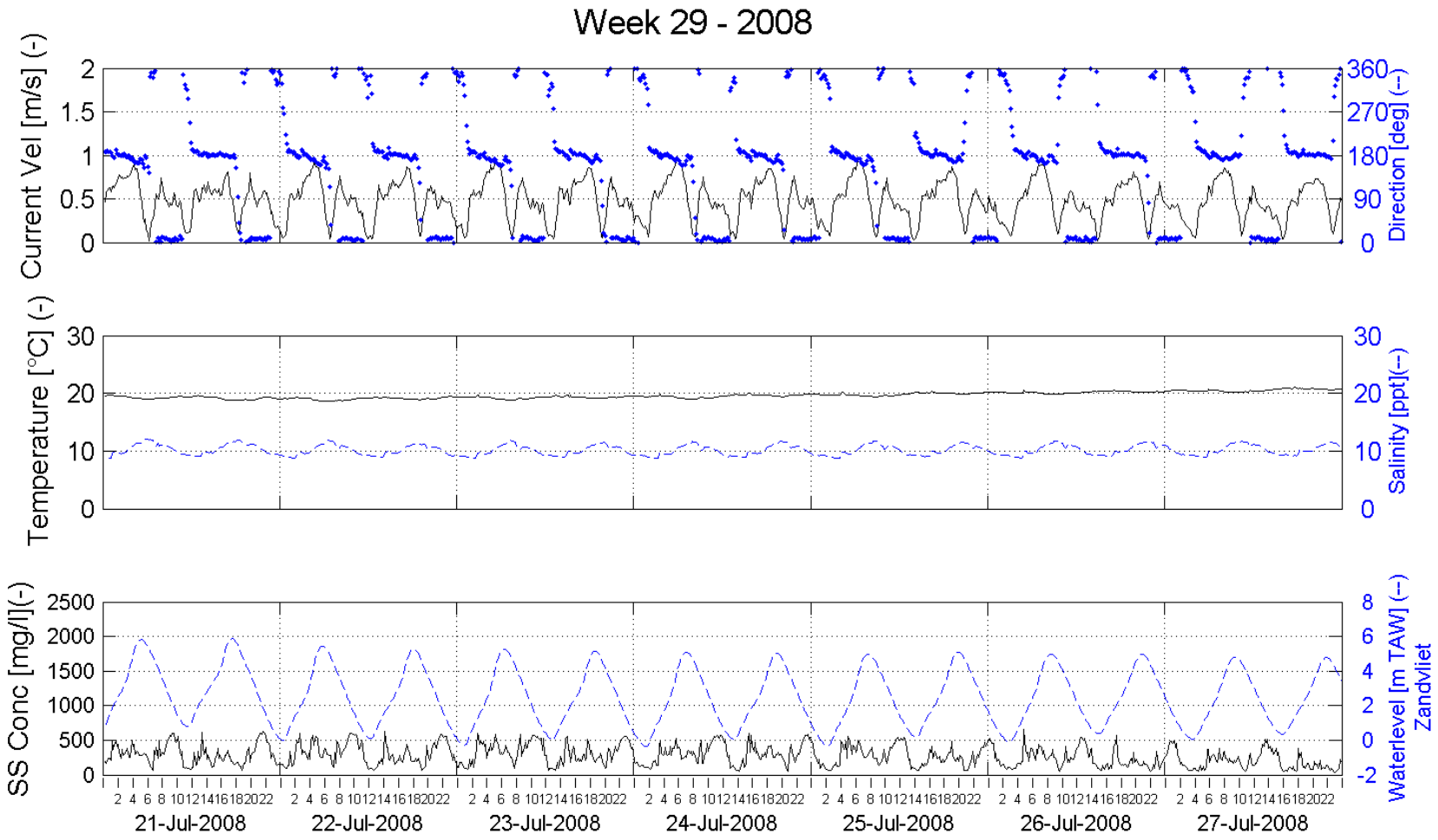
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

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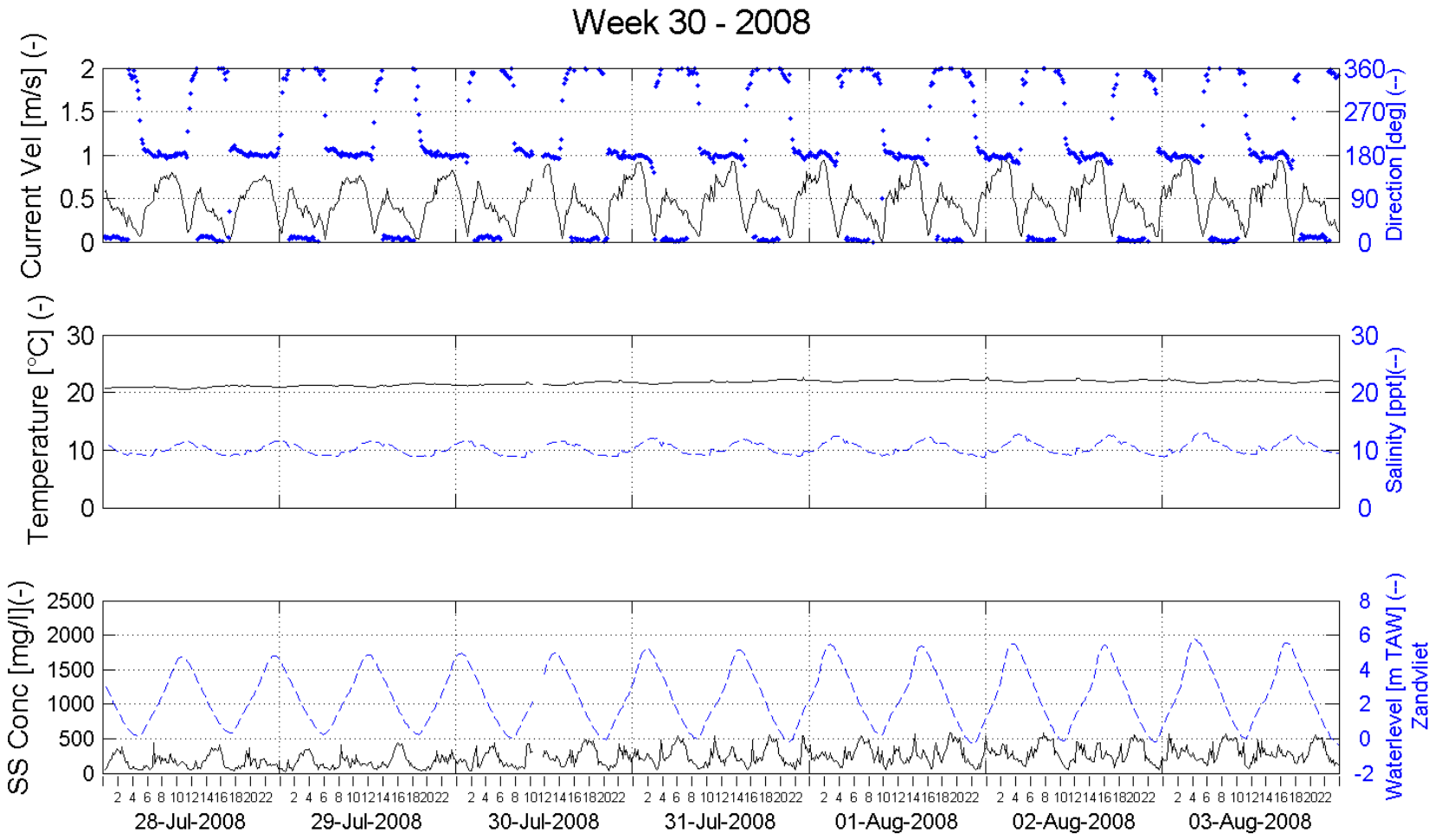
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

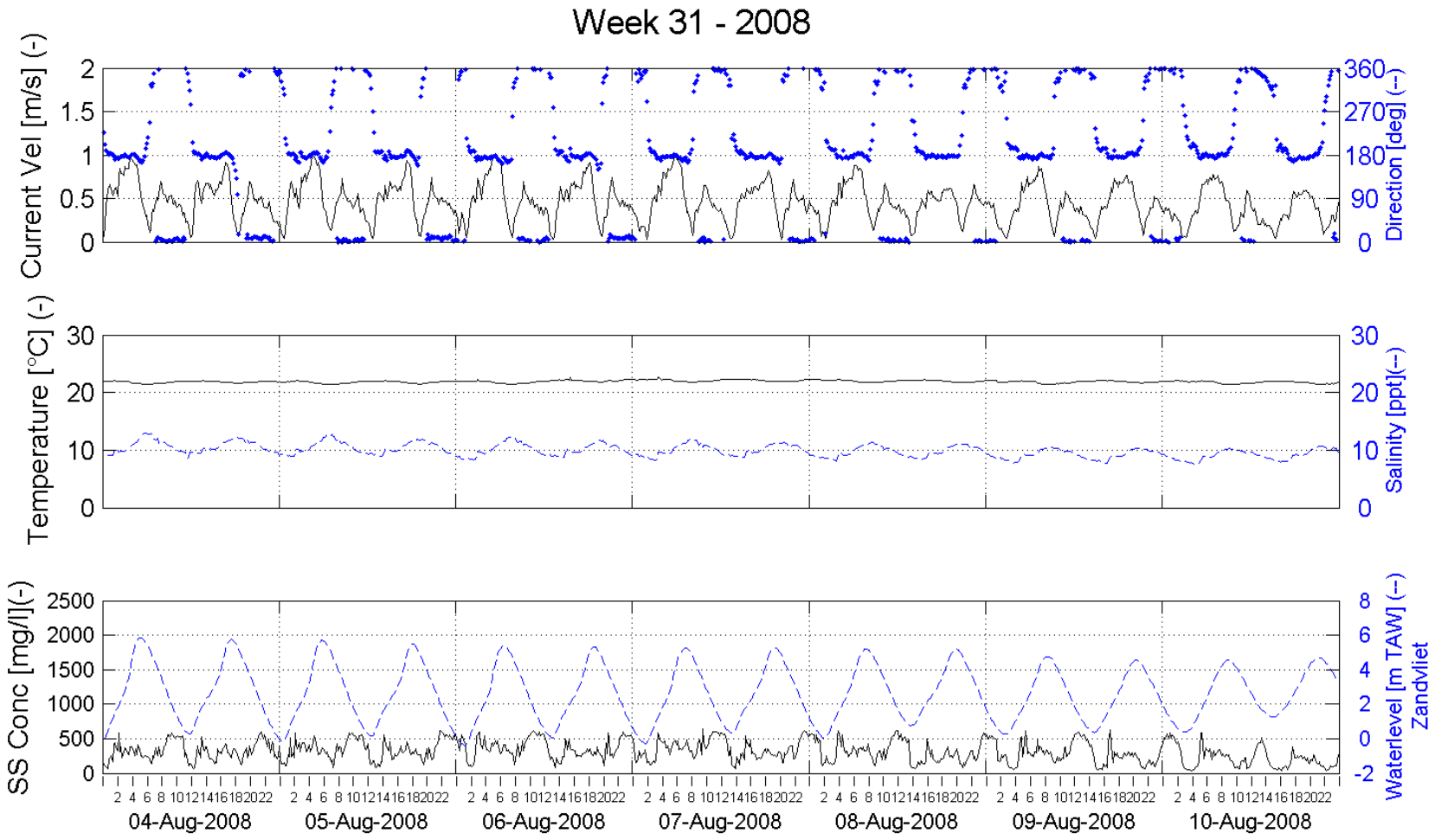
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

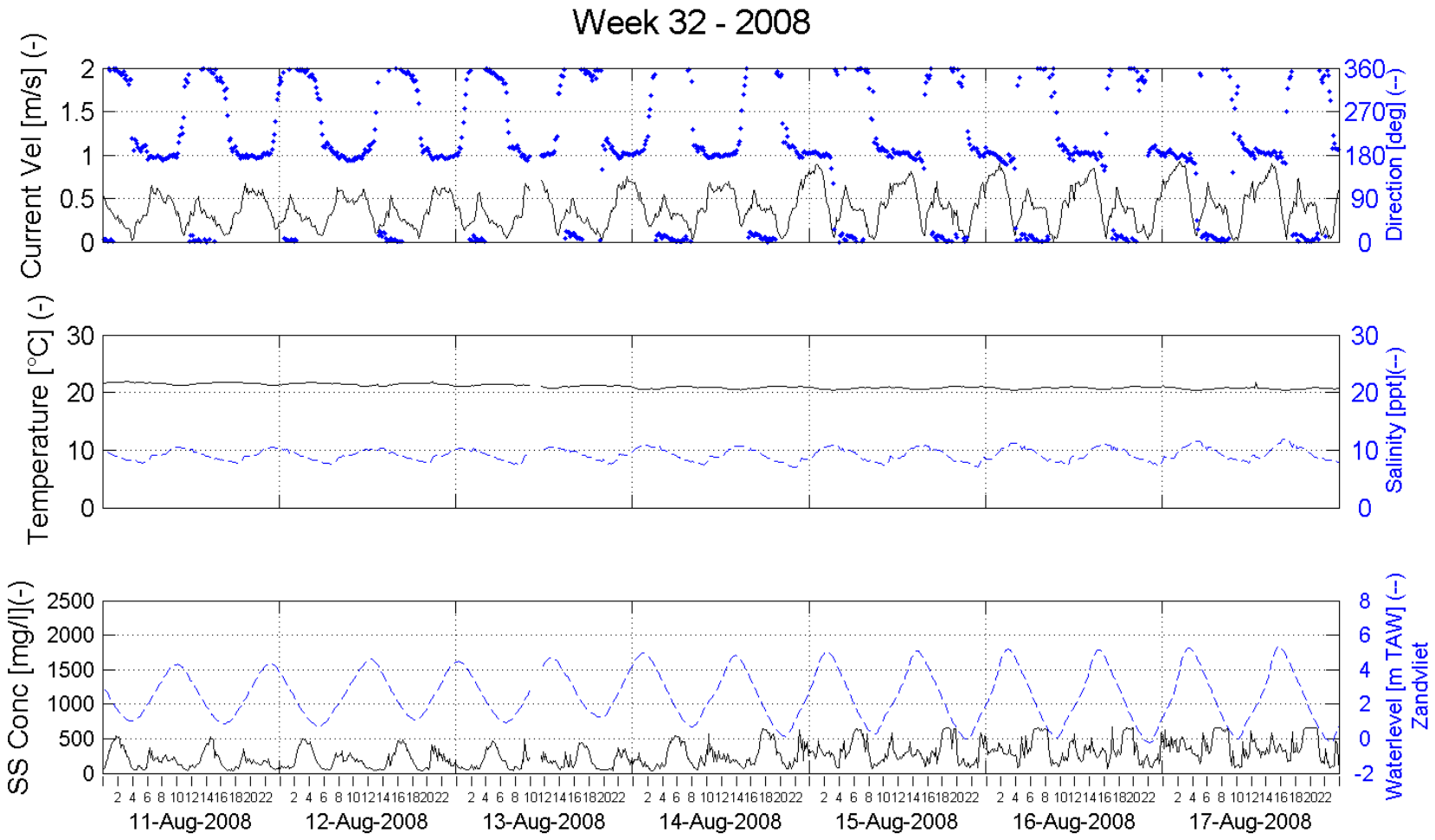
Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

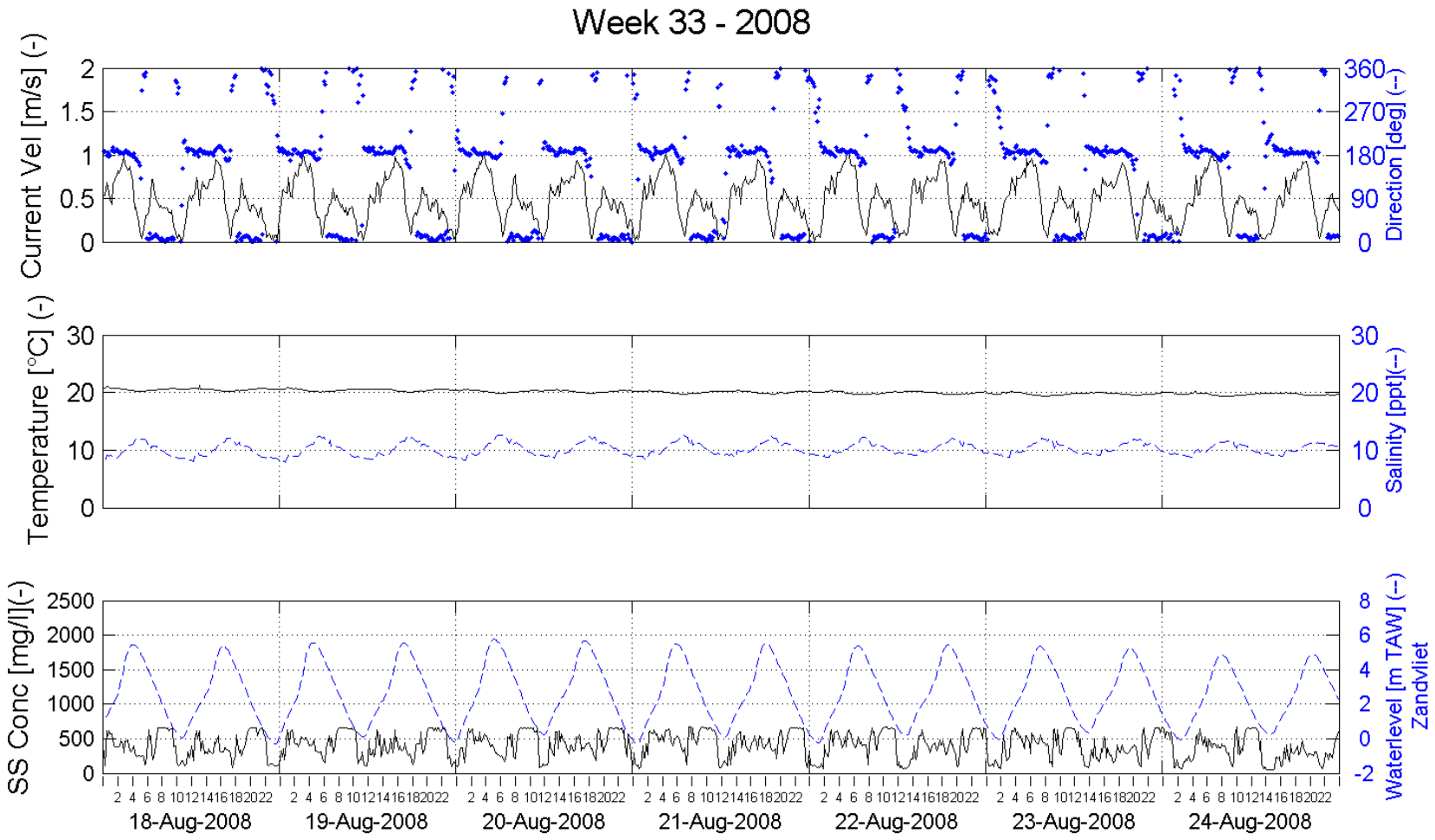
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

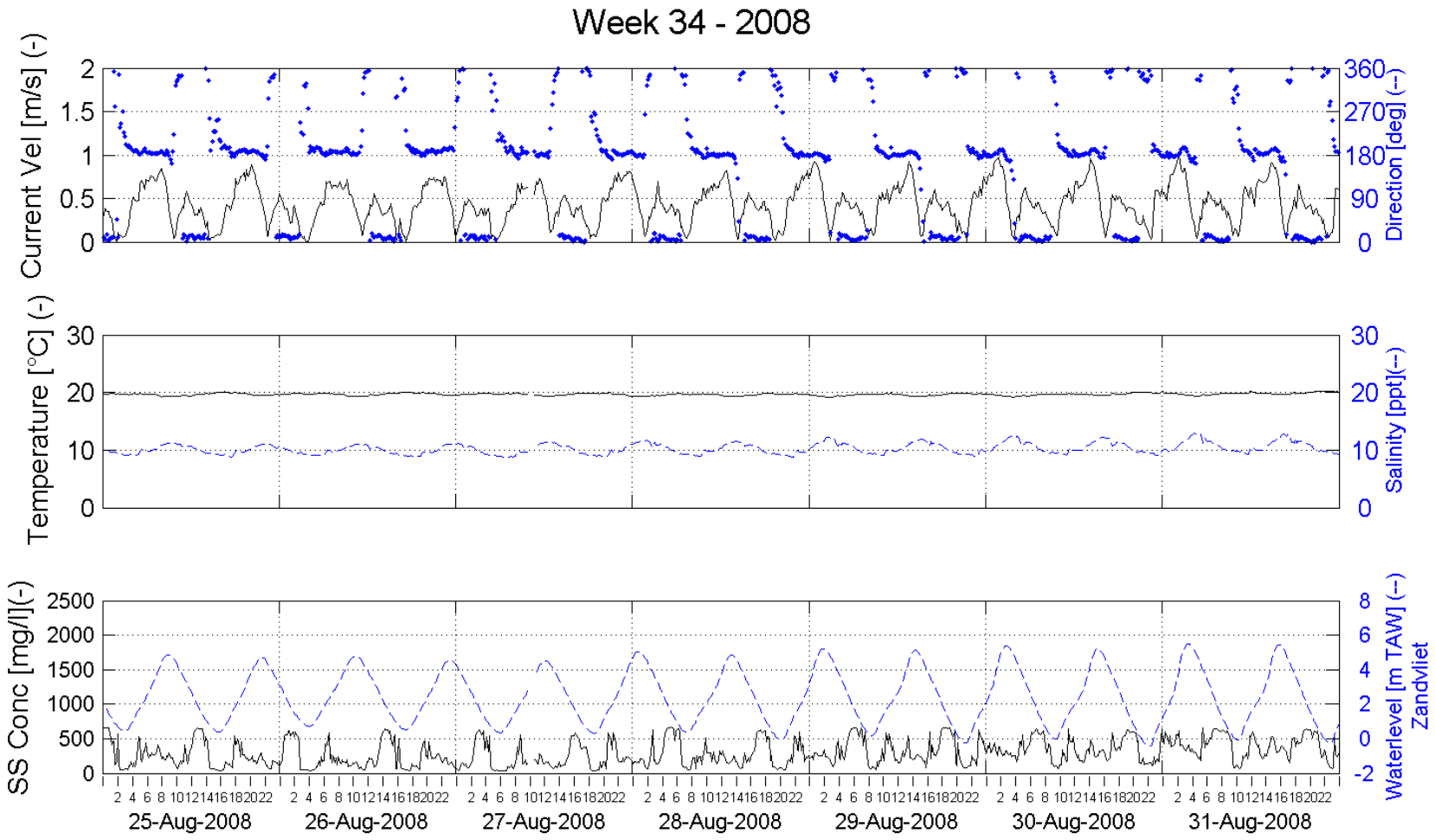
Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

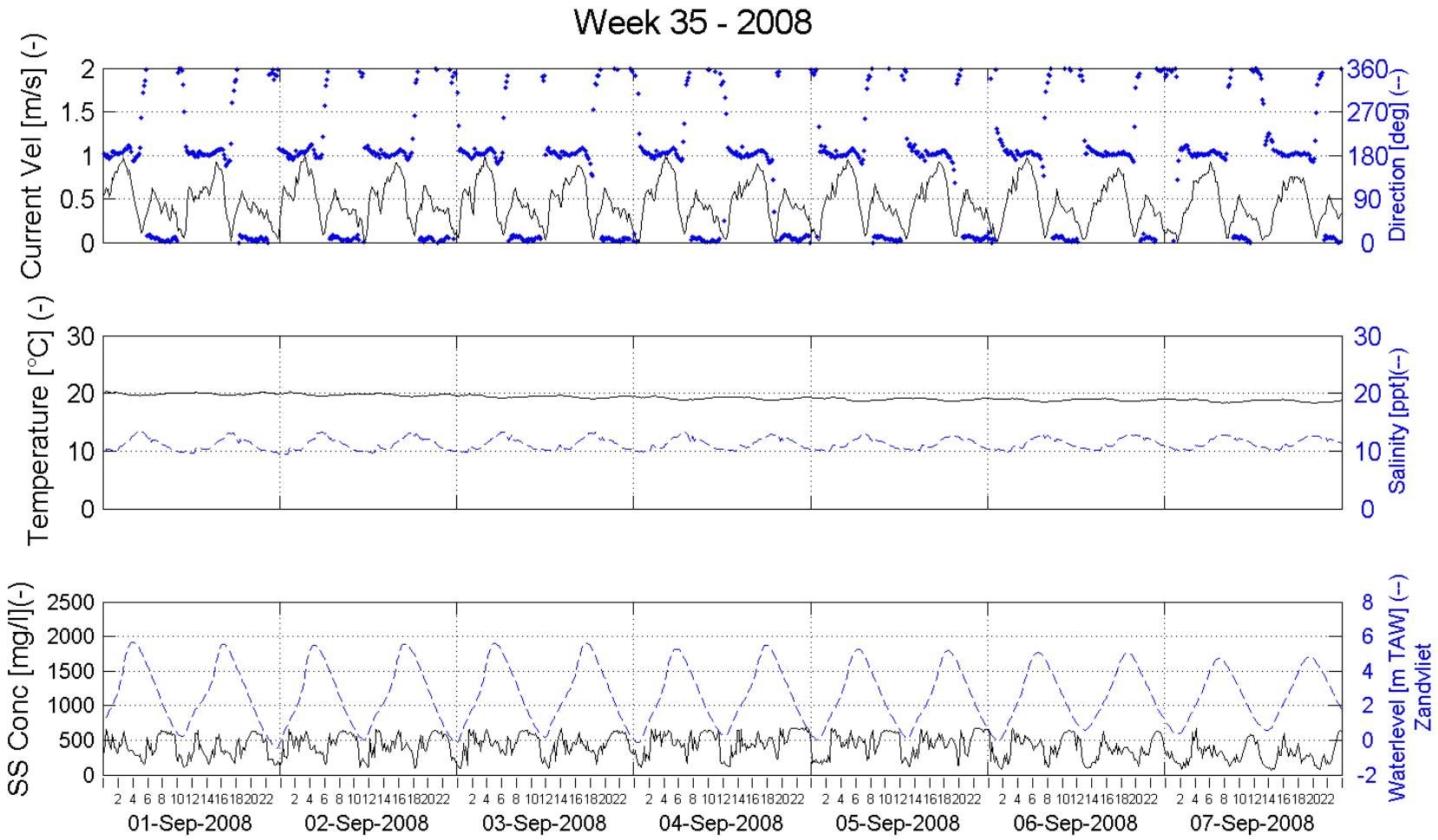
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

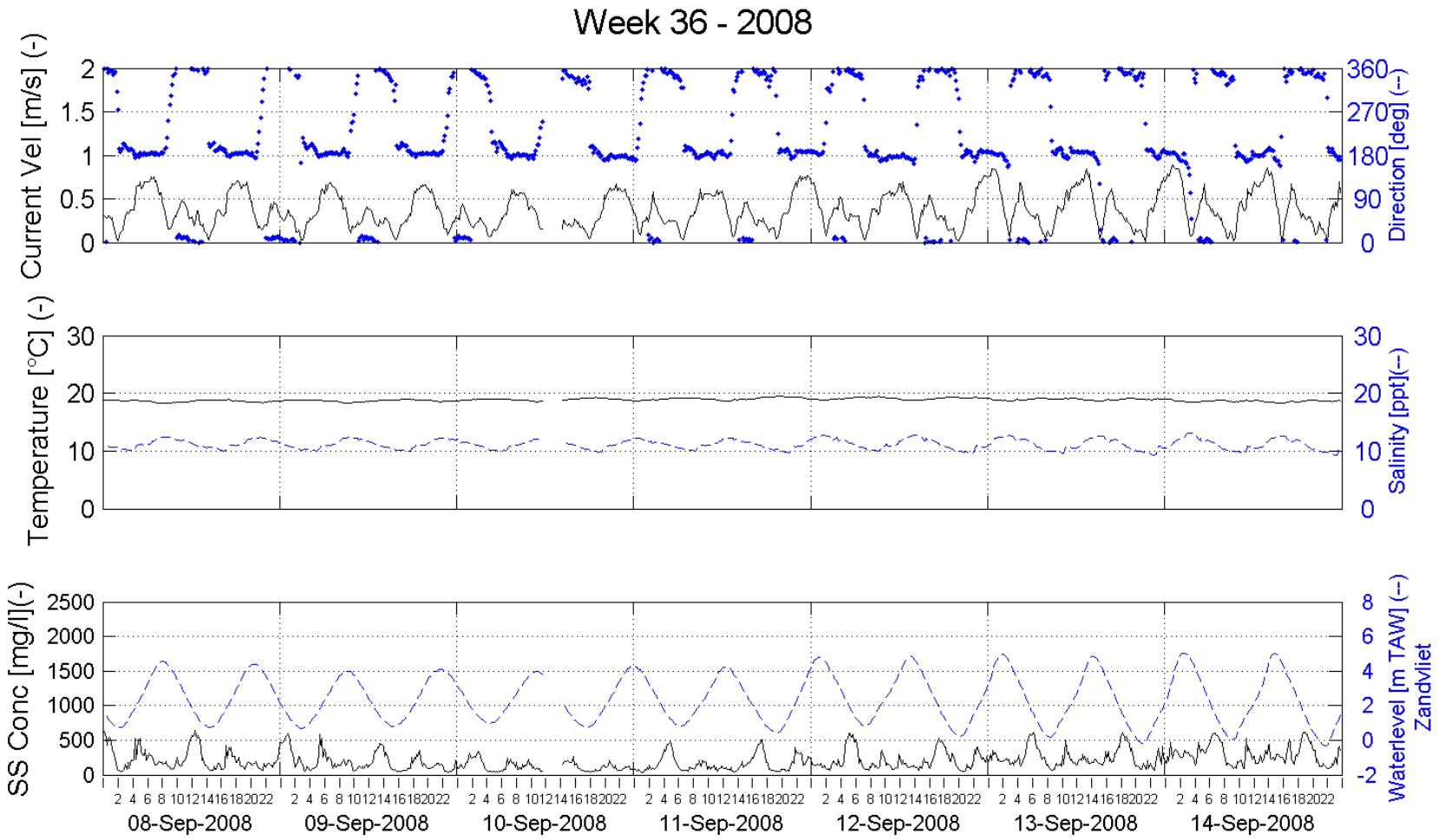
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

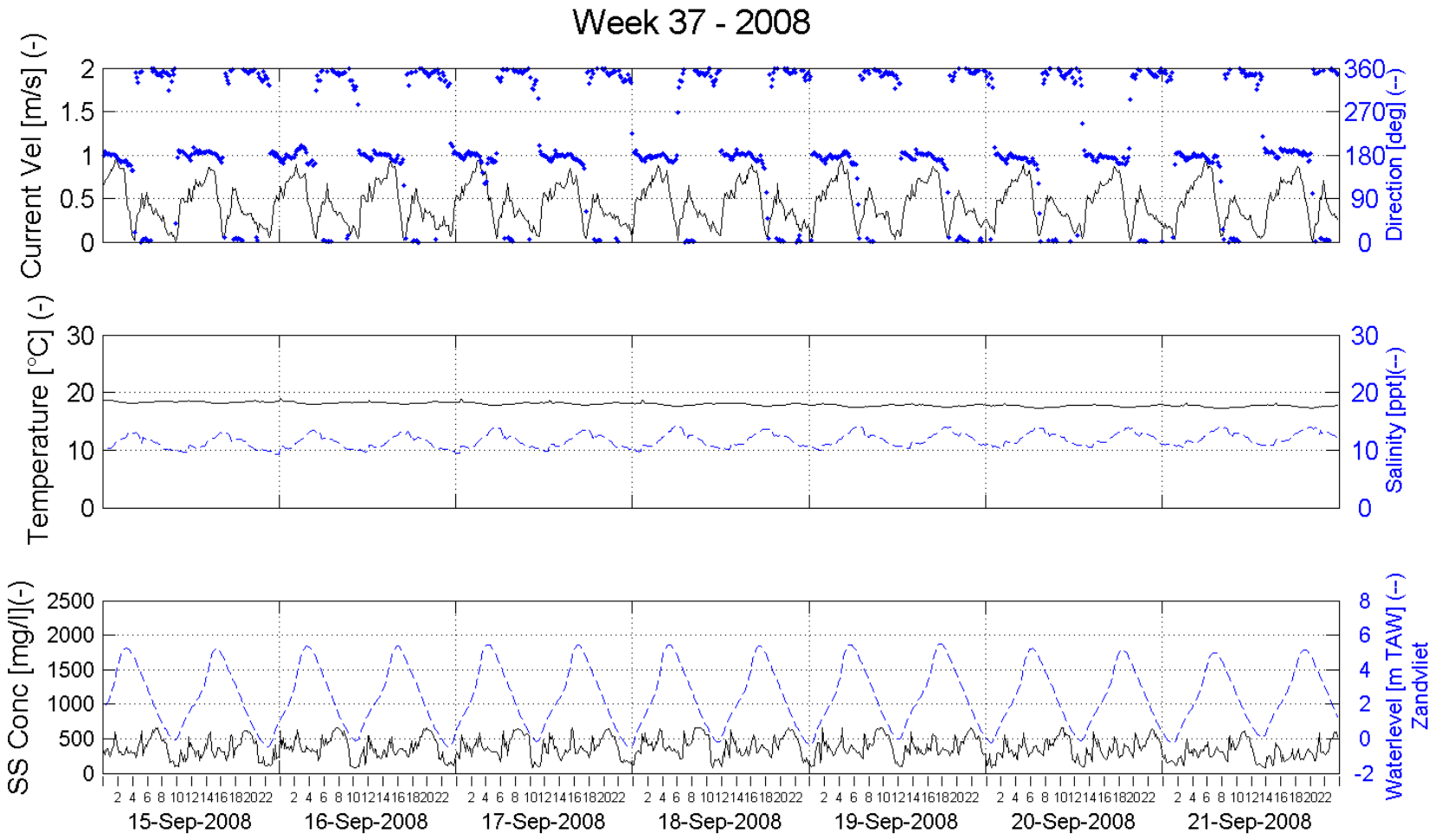
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

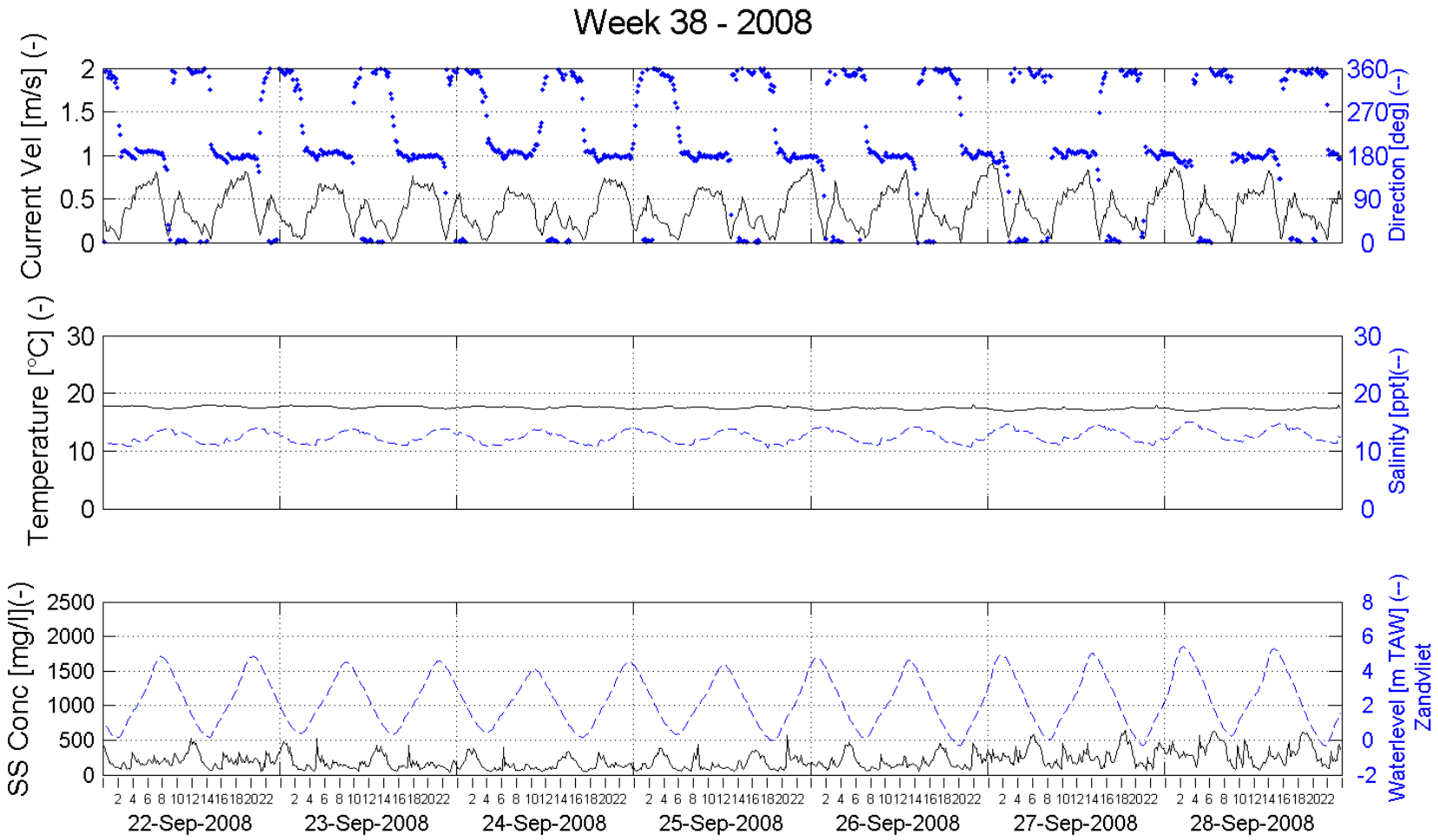
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

IMDC

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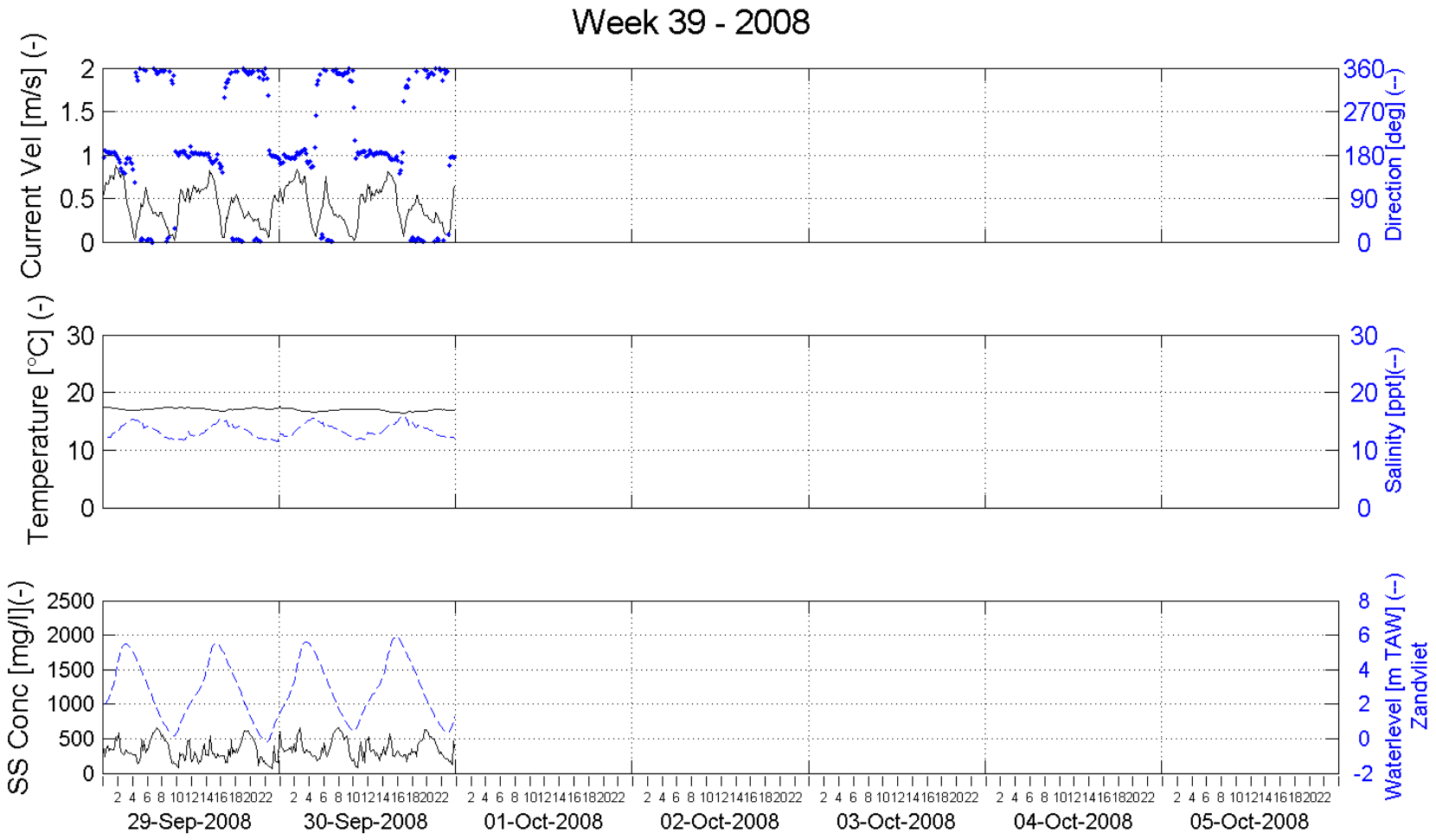
In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 84 bottom - 0.8m above bottom (0m TAW)

Processed by:

IMDC

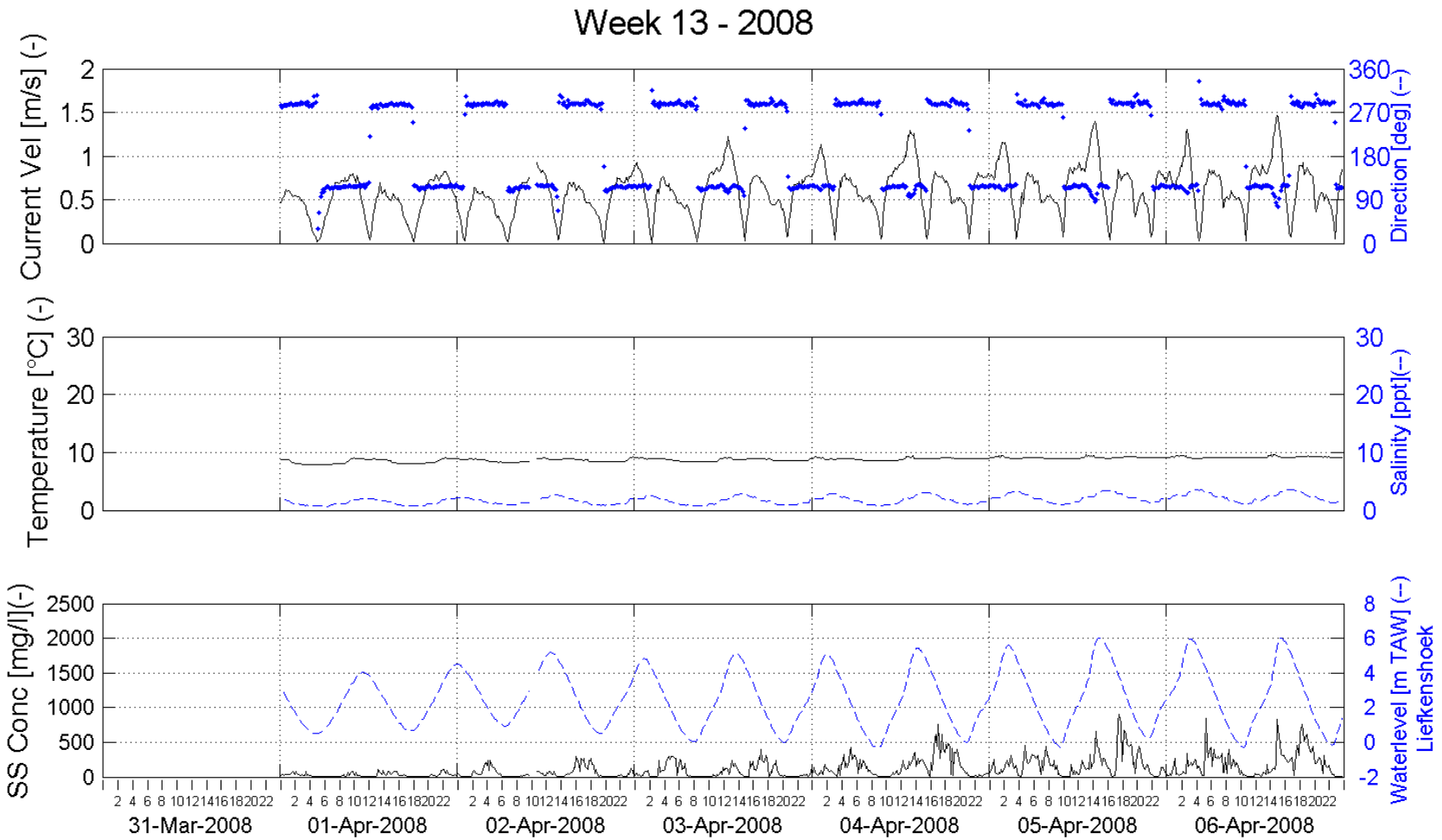
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

B.1.3. Buoy 97 top

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

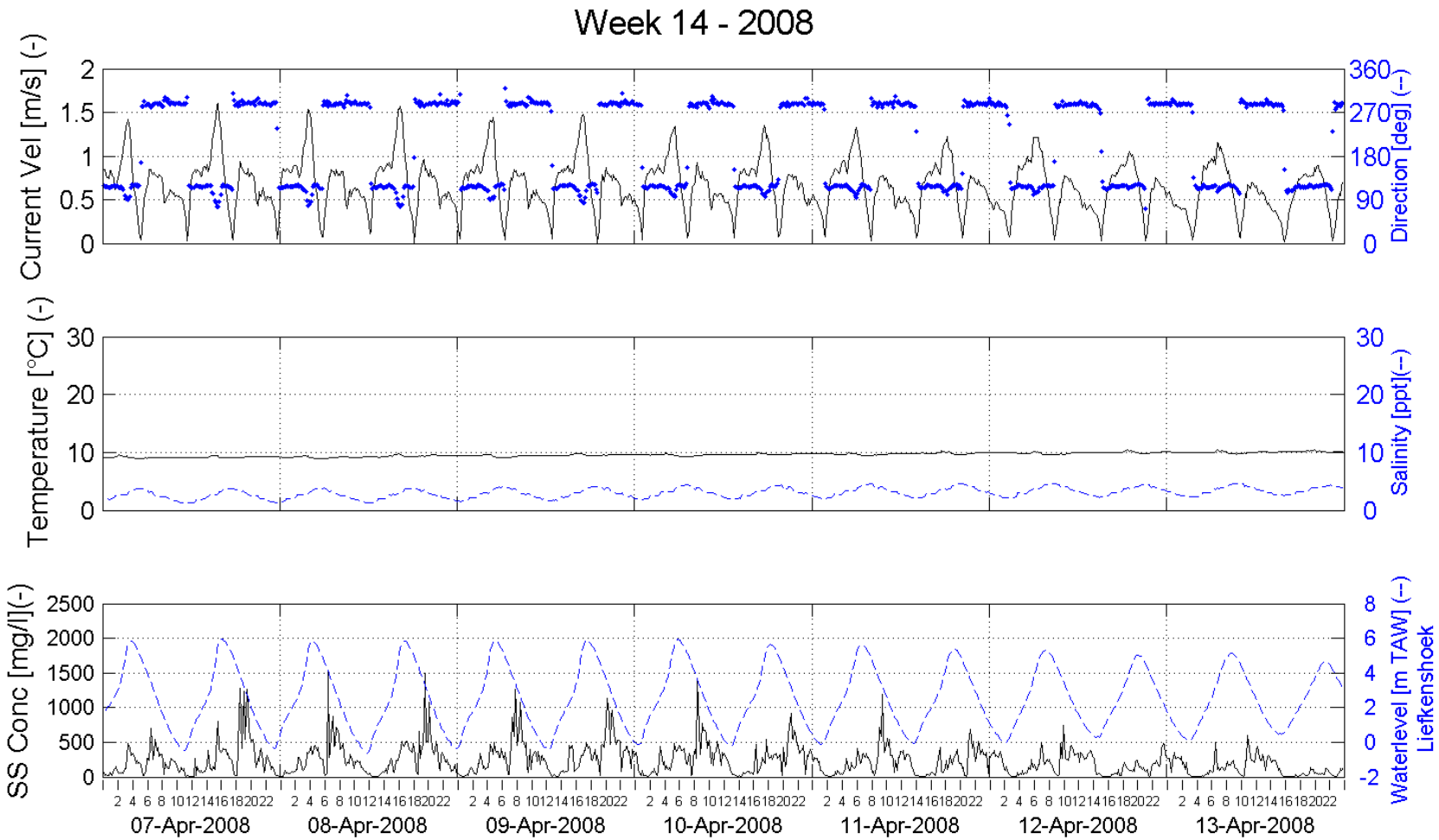
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

IMDC

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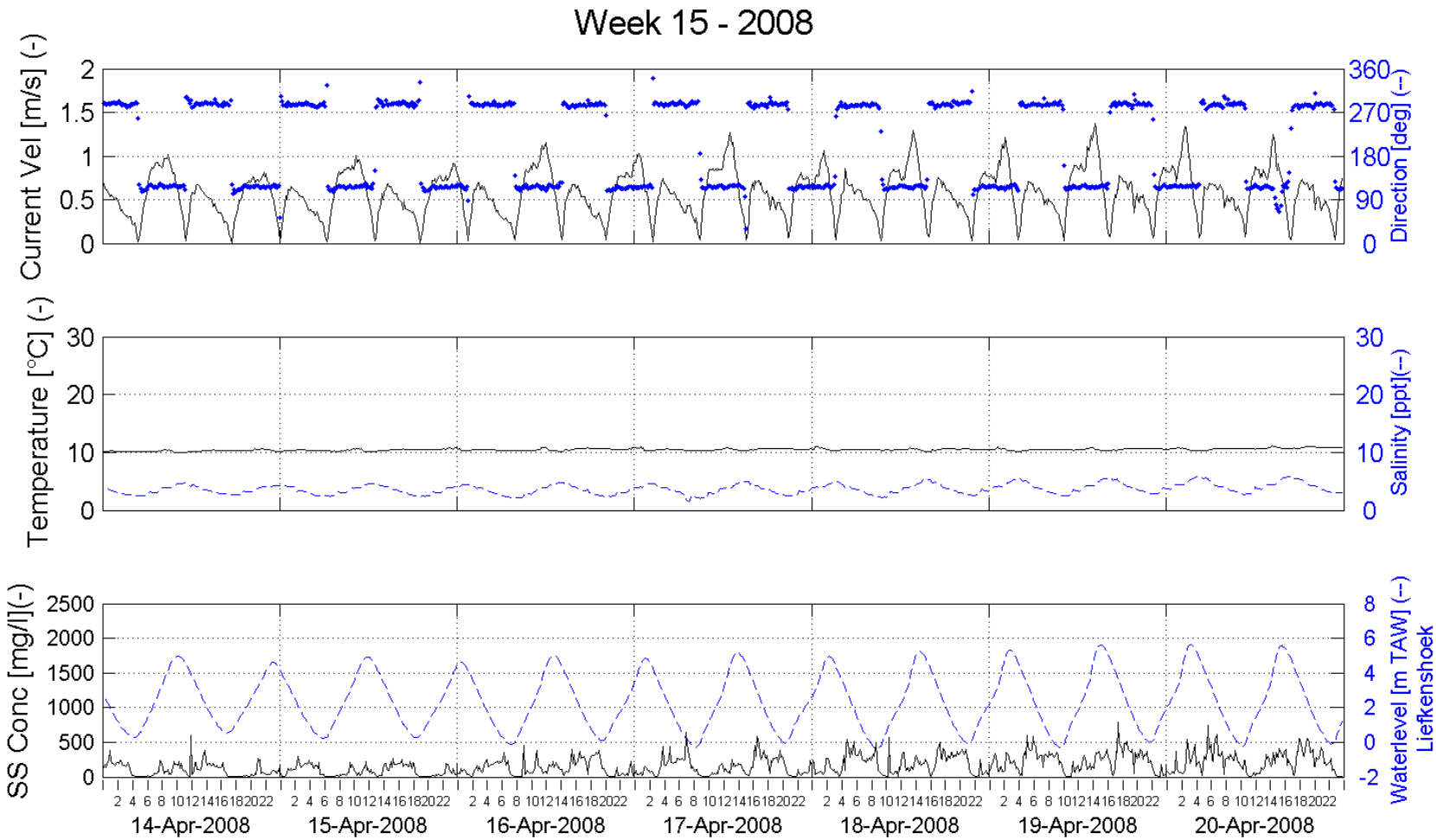

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

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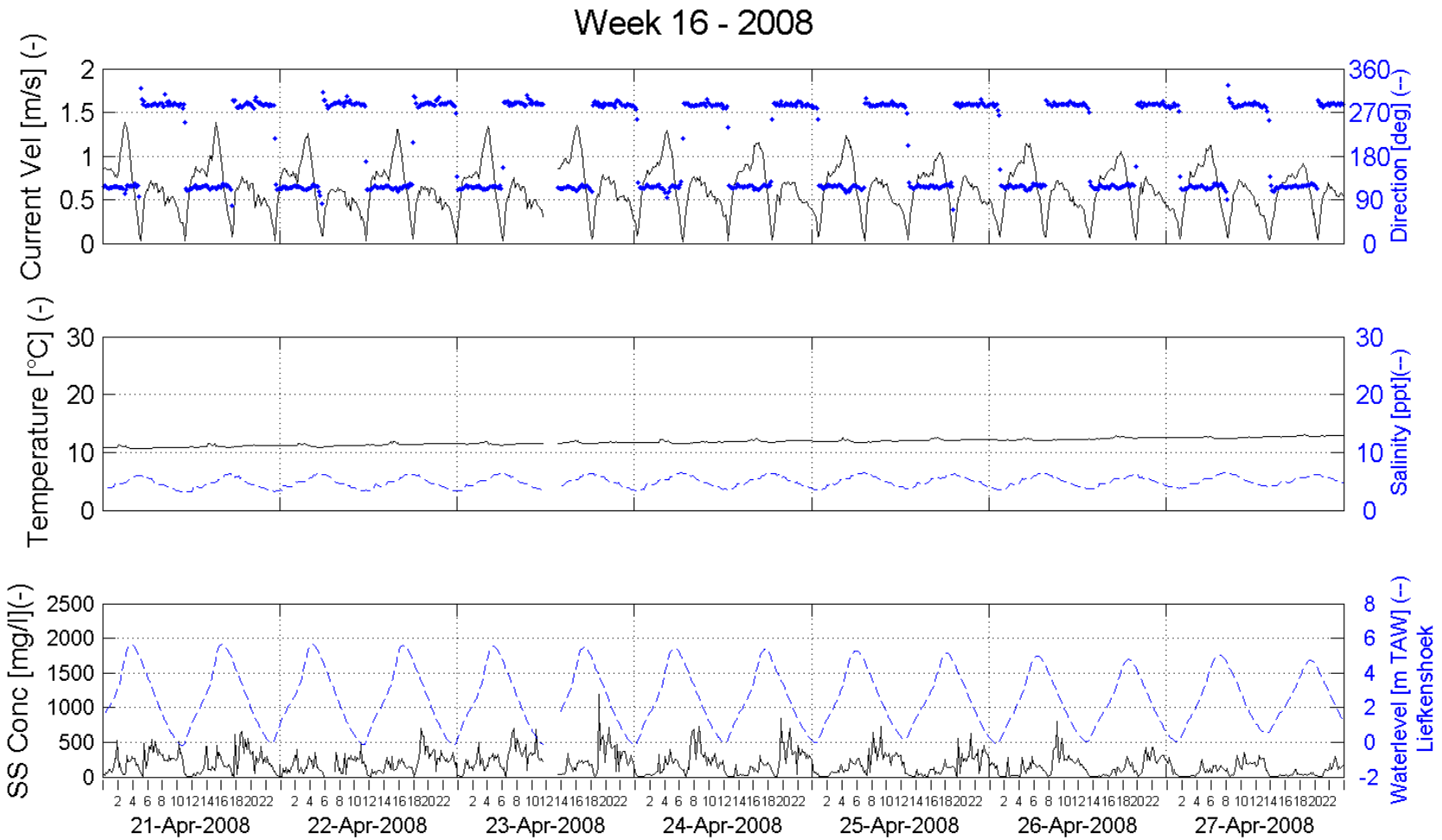
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

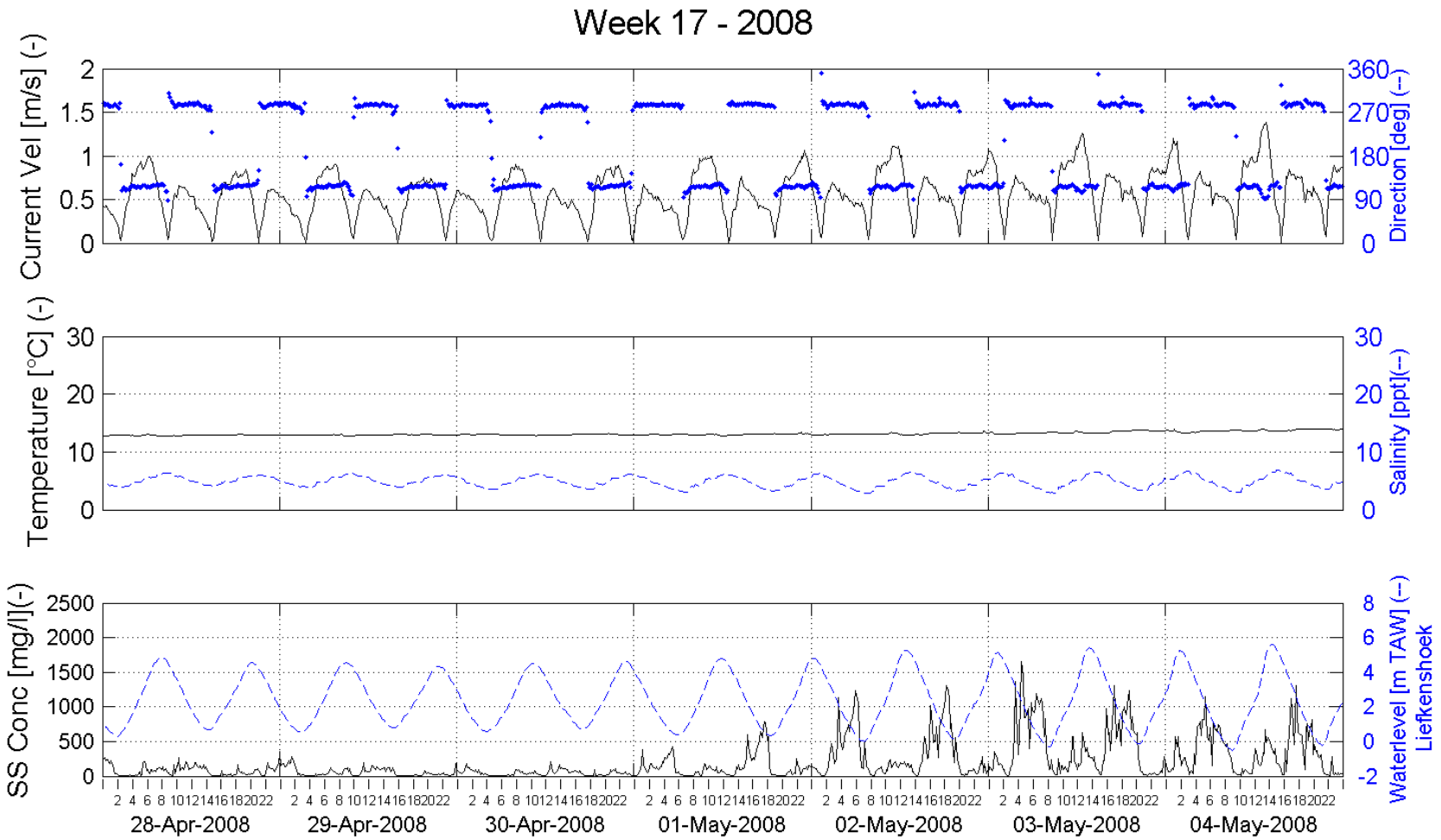
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

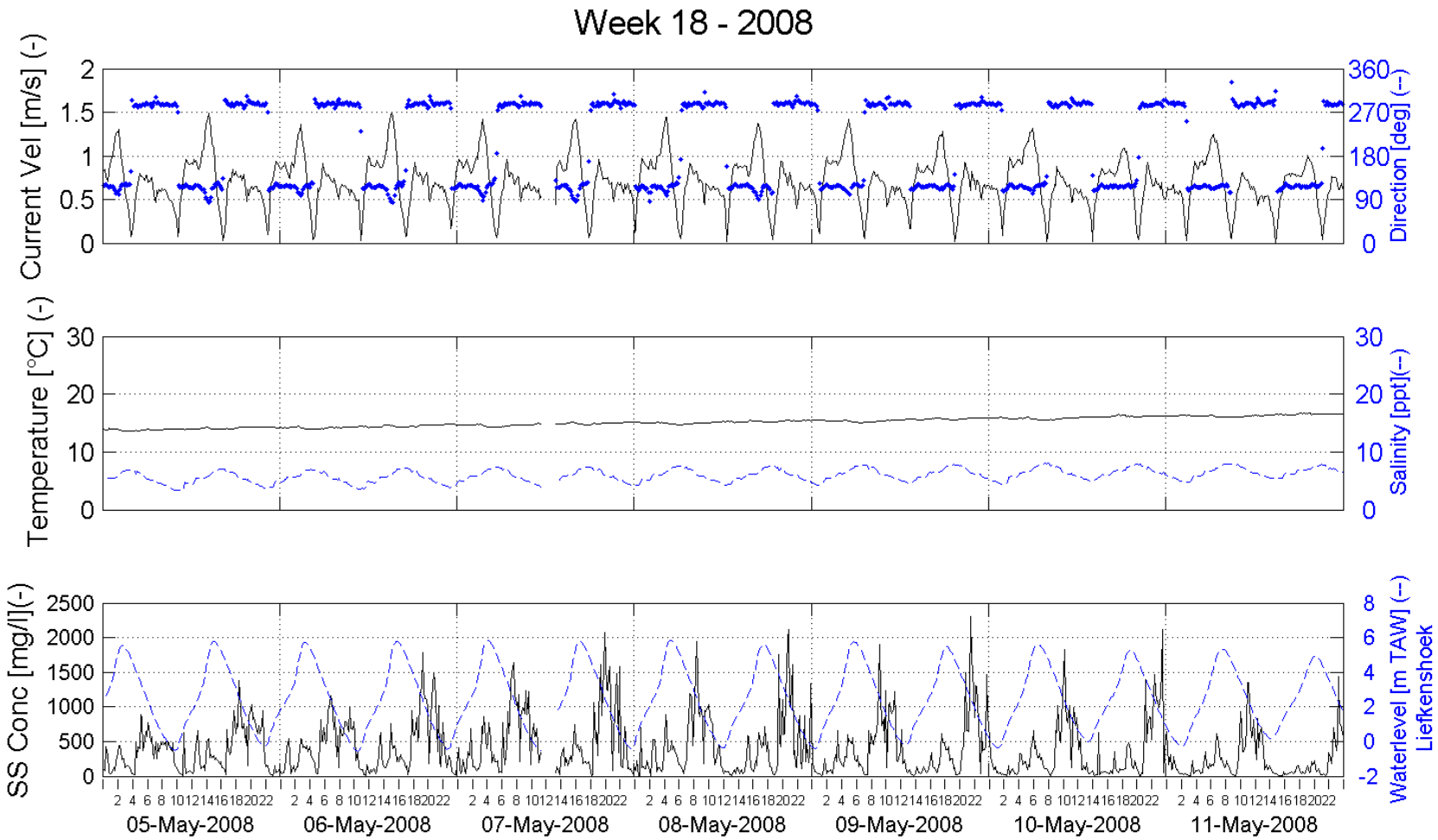
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

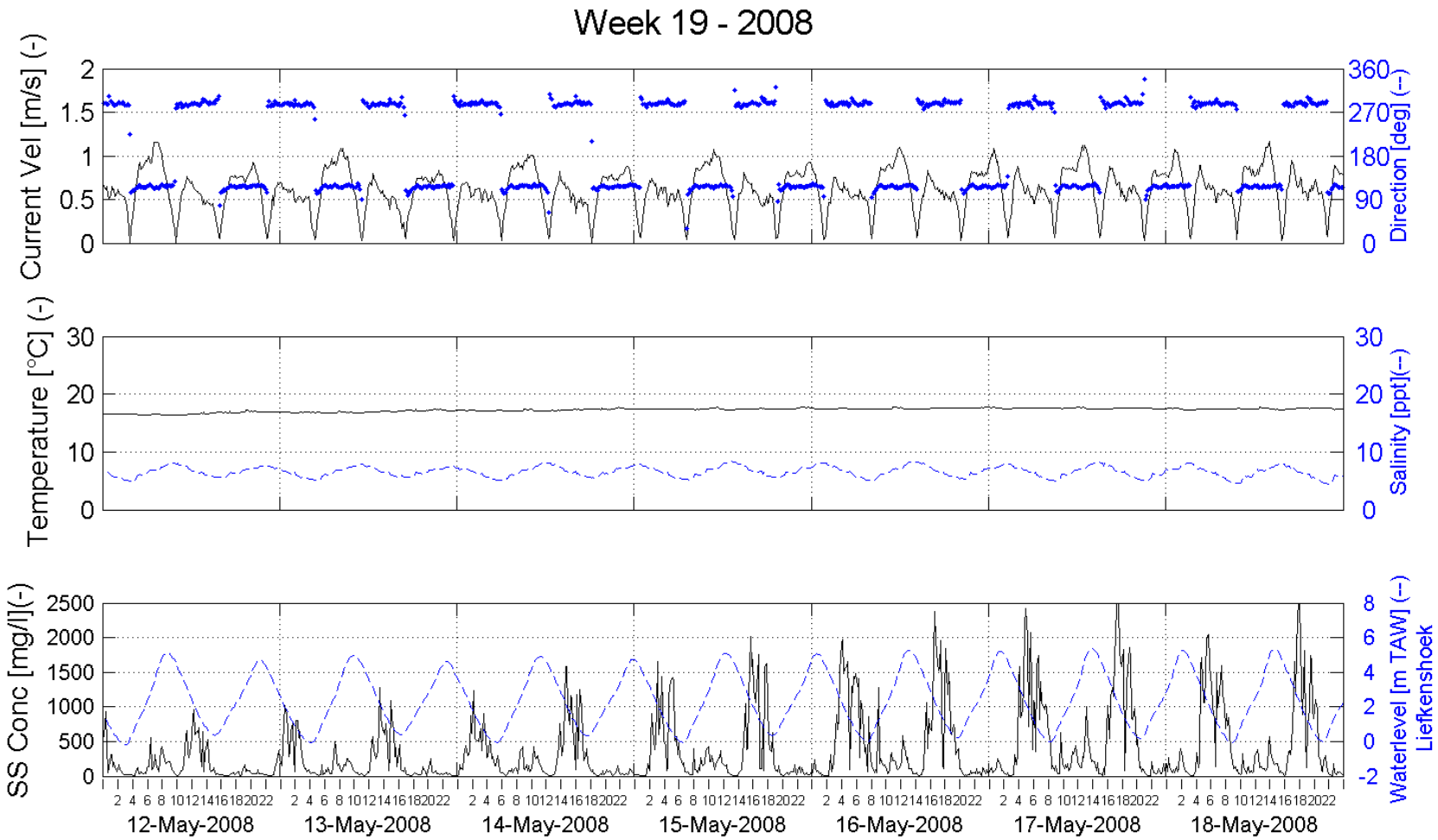
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

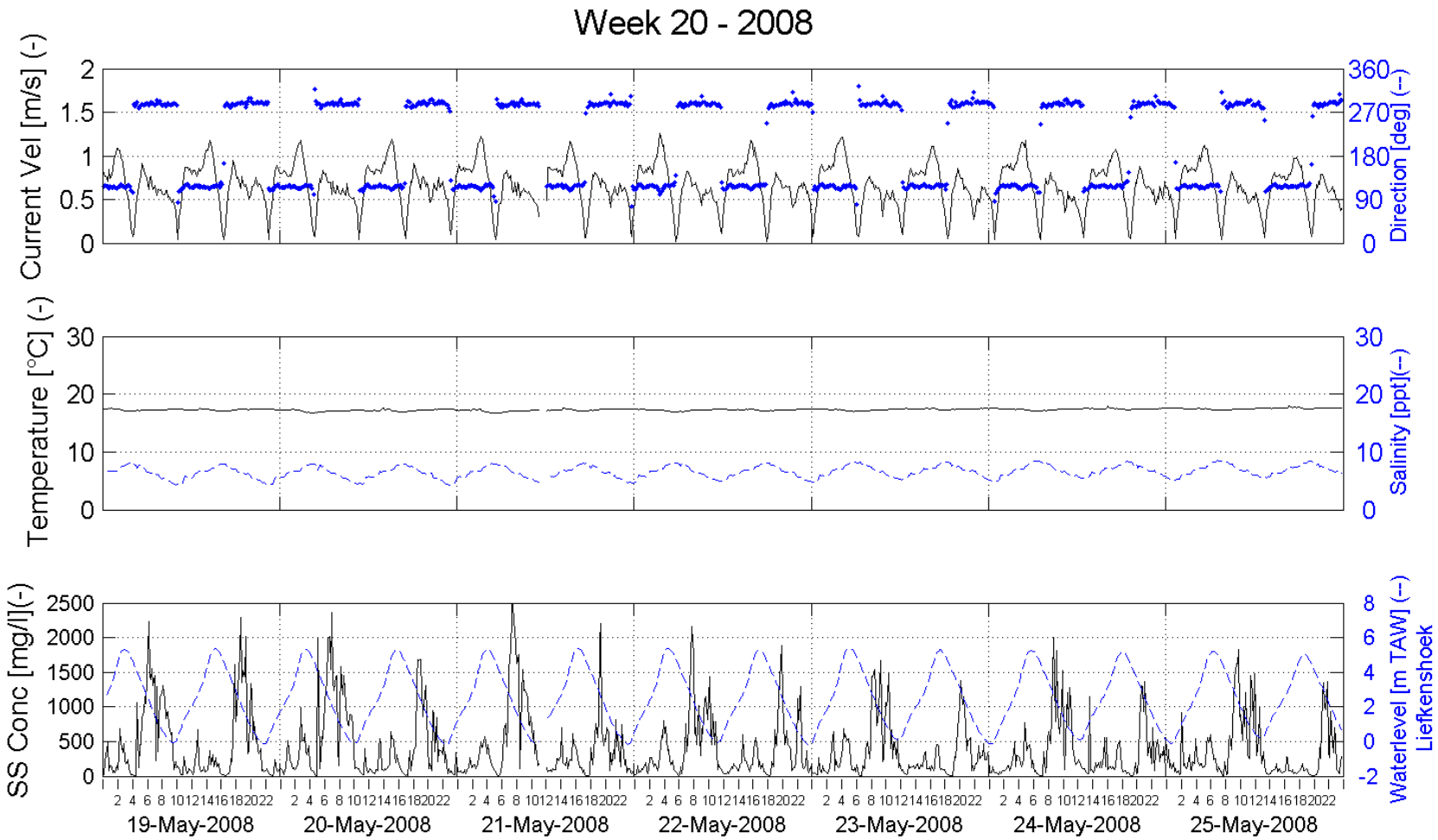
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

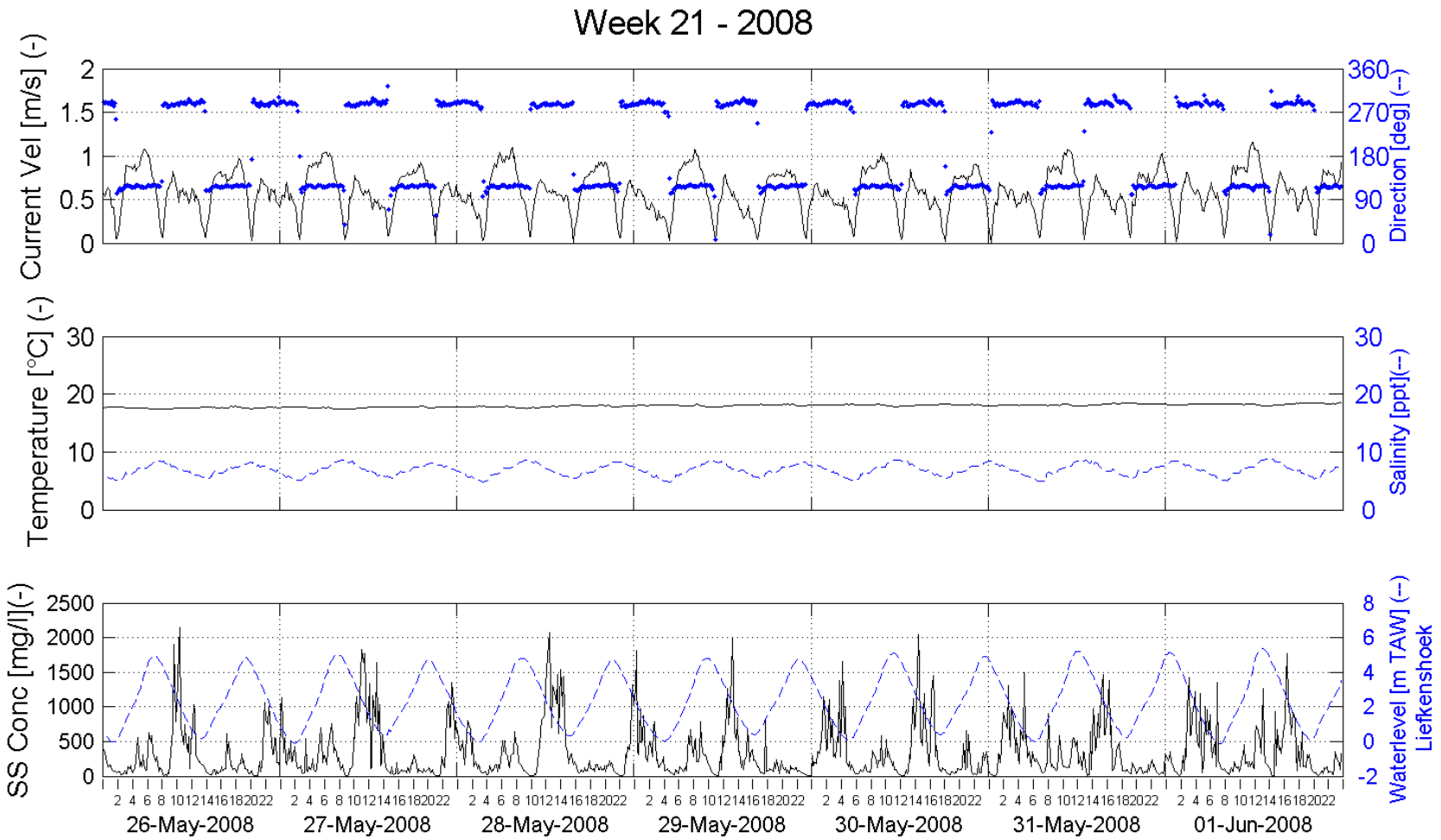
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

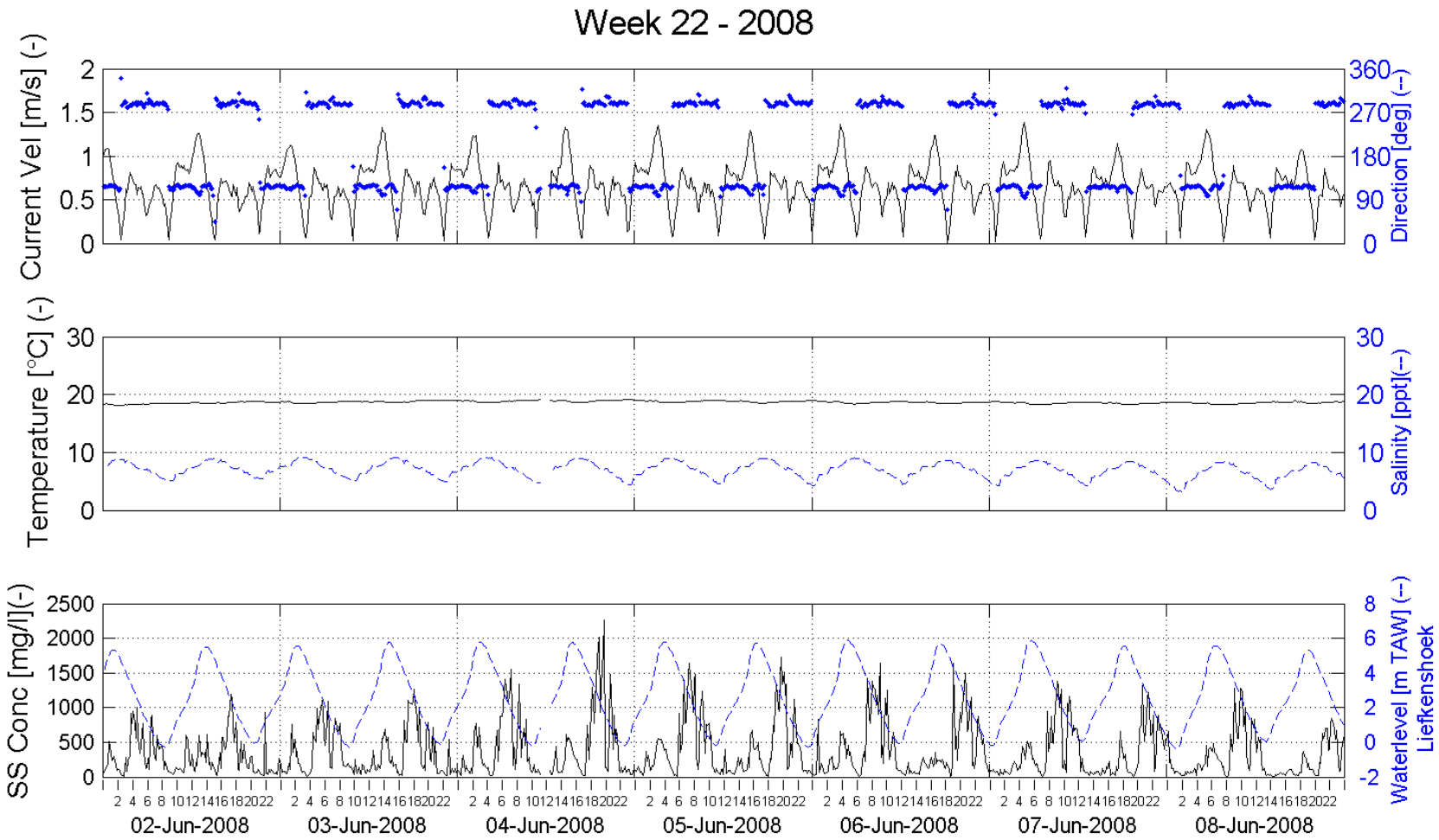
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

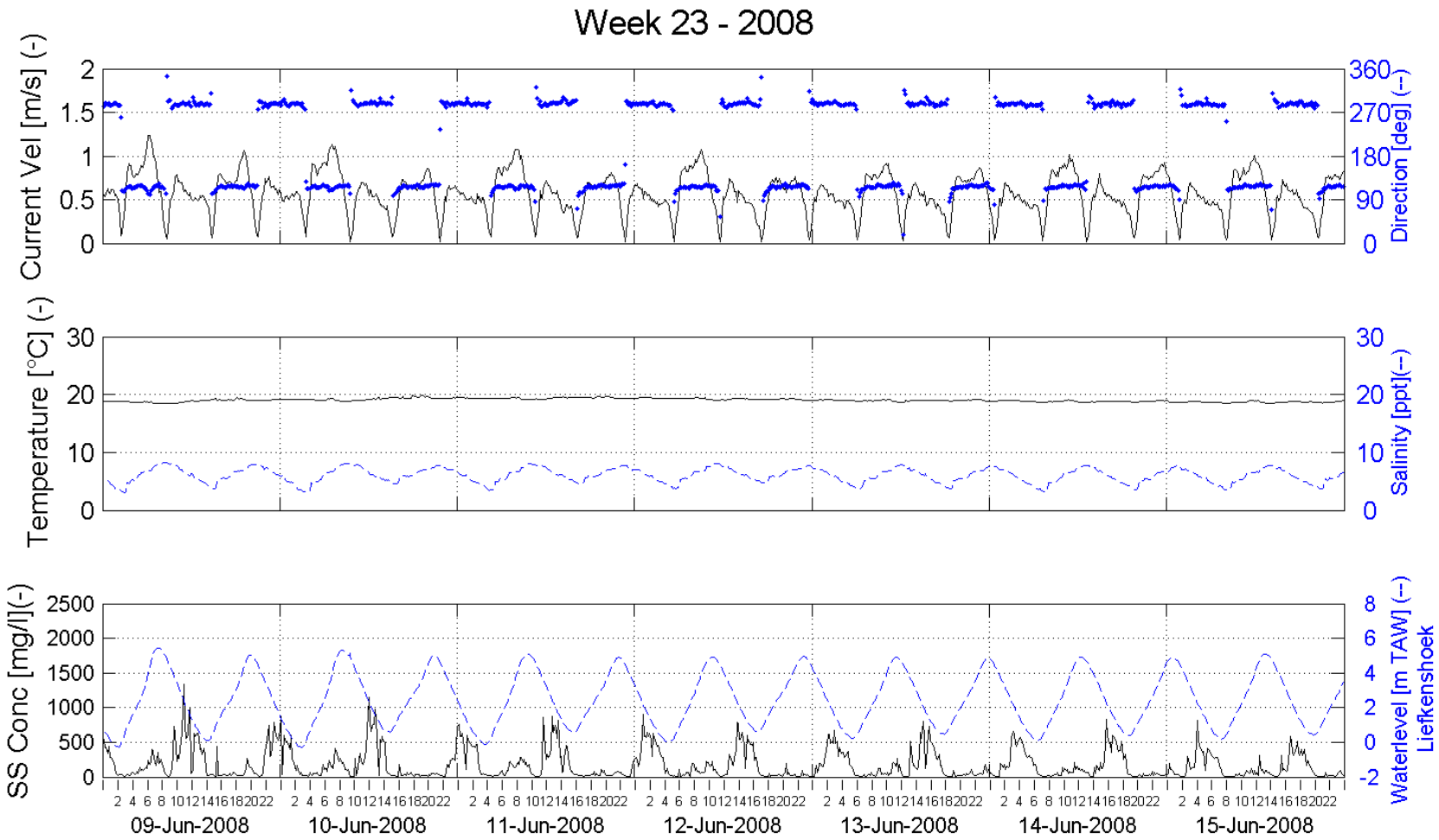
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

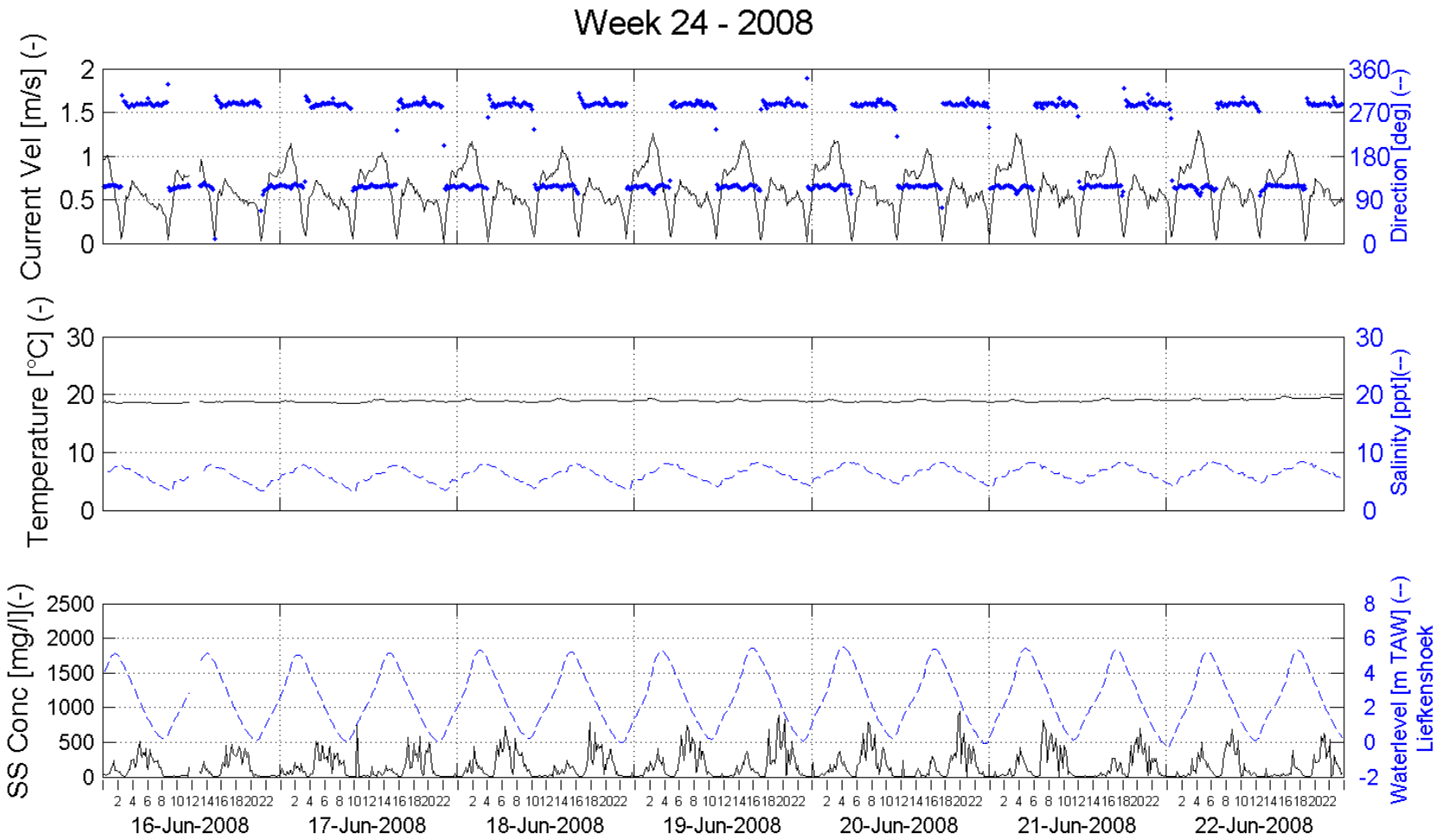
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

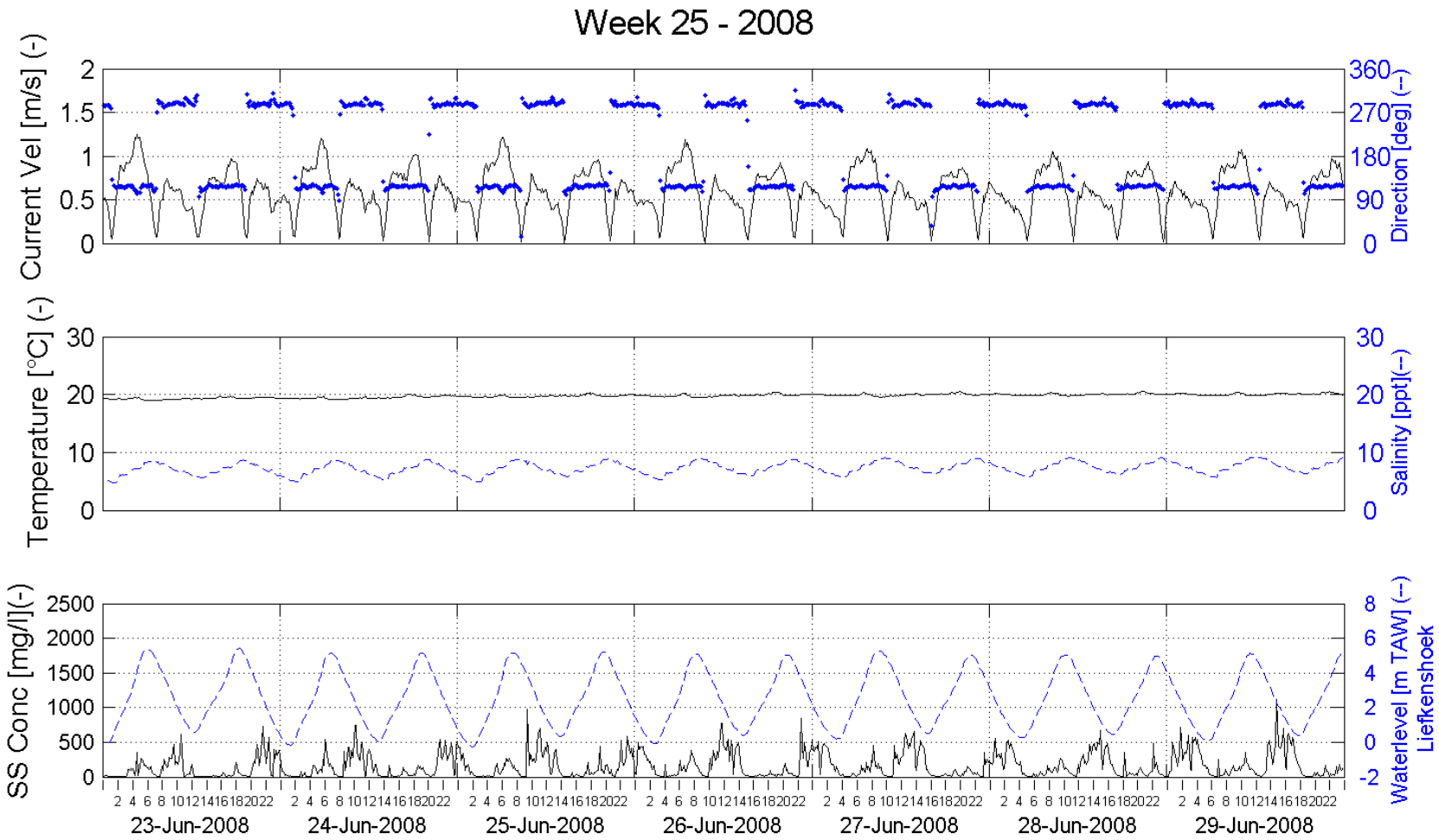
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

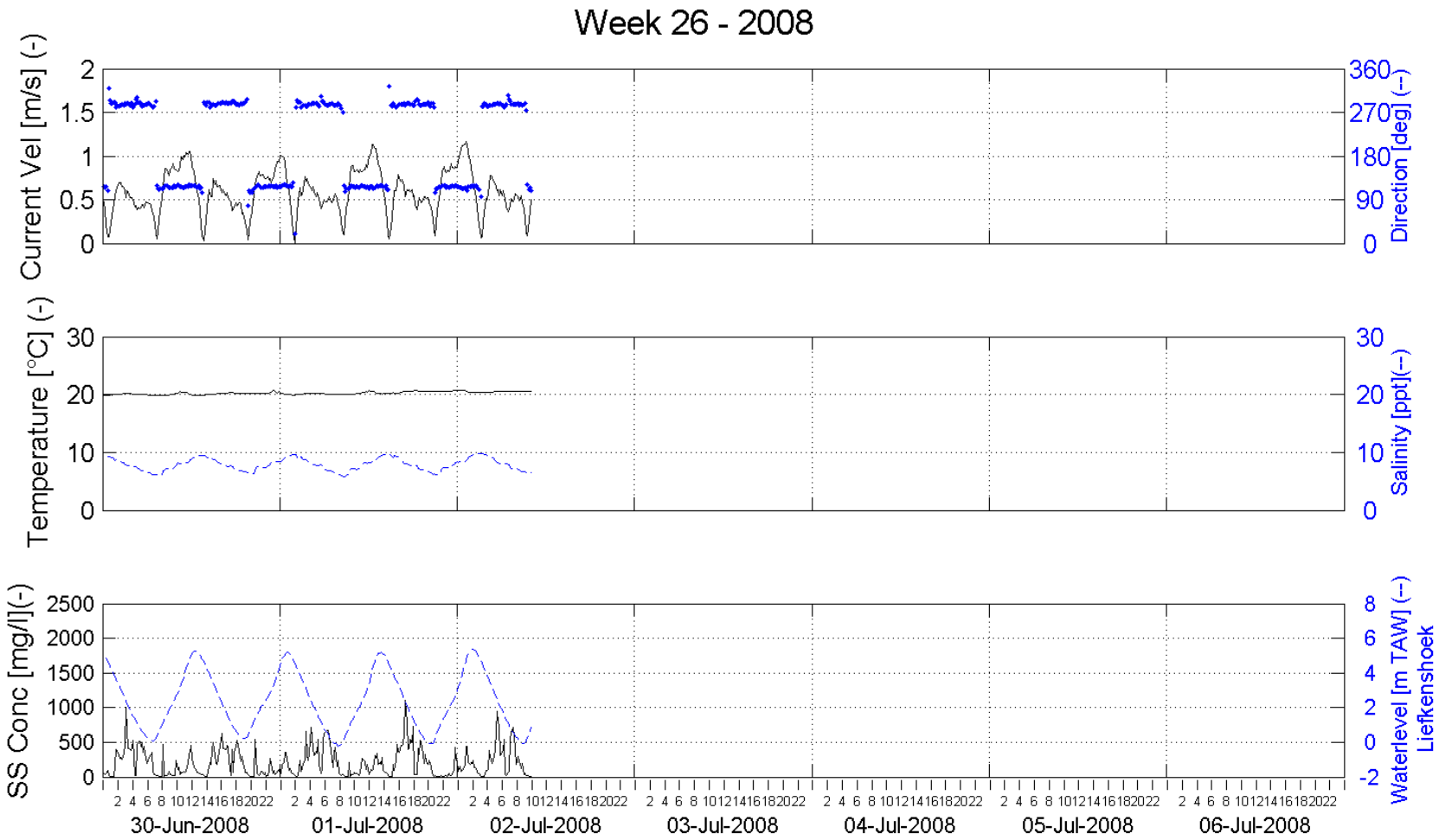
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 top - 3.3m above bottom (-4.49m TAW)

Processed by:

IMDC

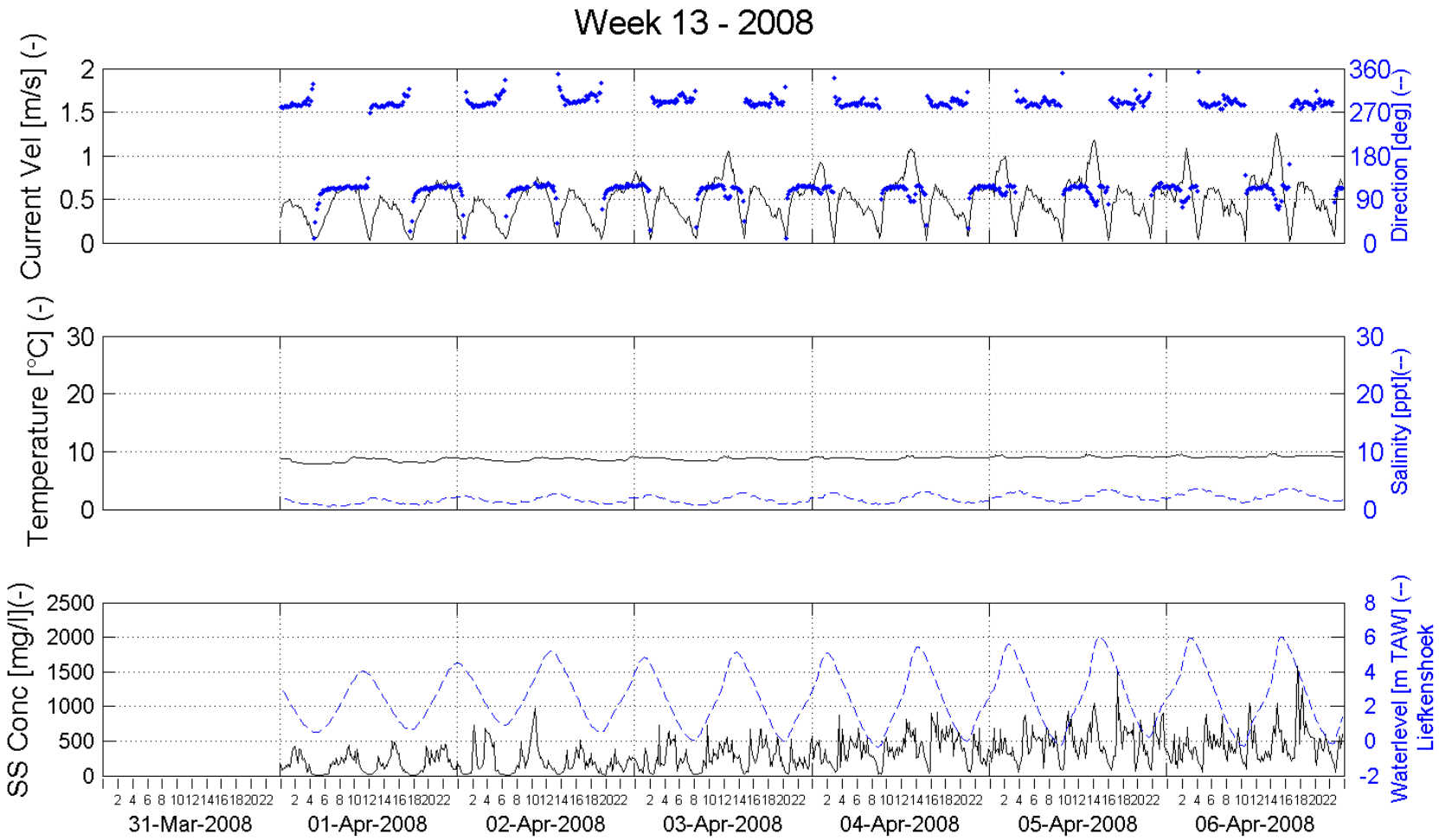
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

B.1.4. Buoy 97 bottom

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

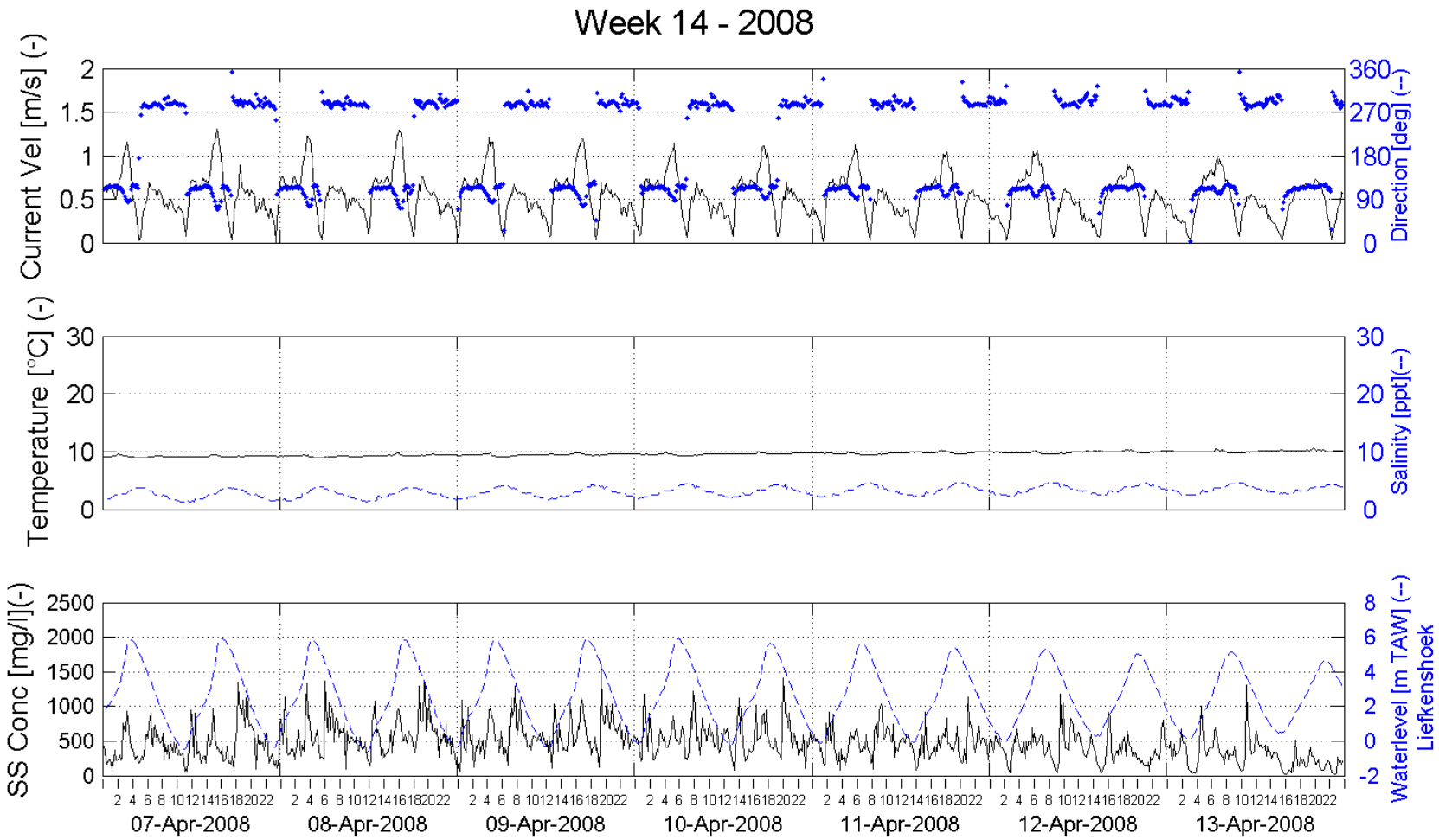
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

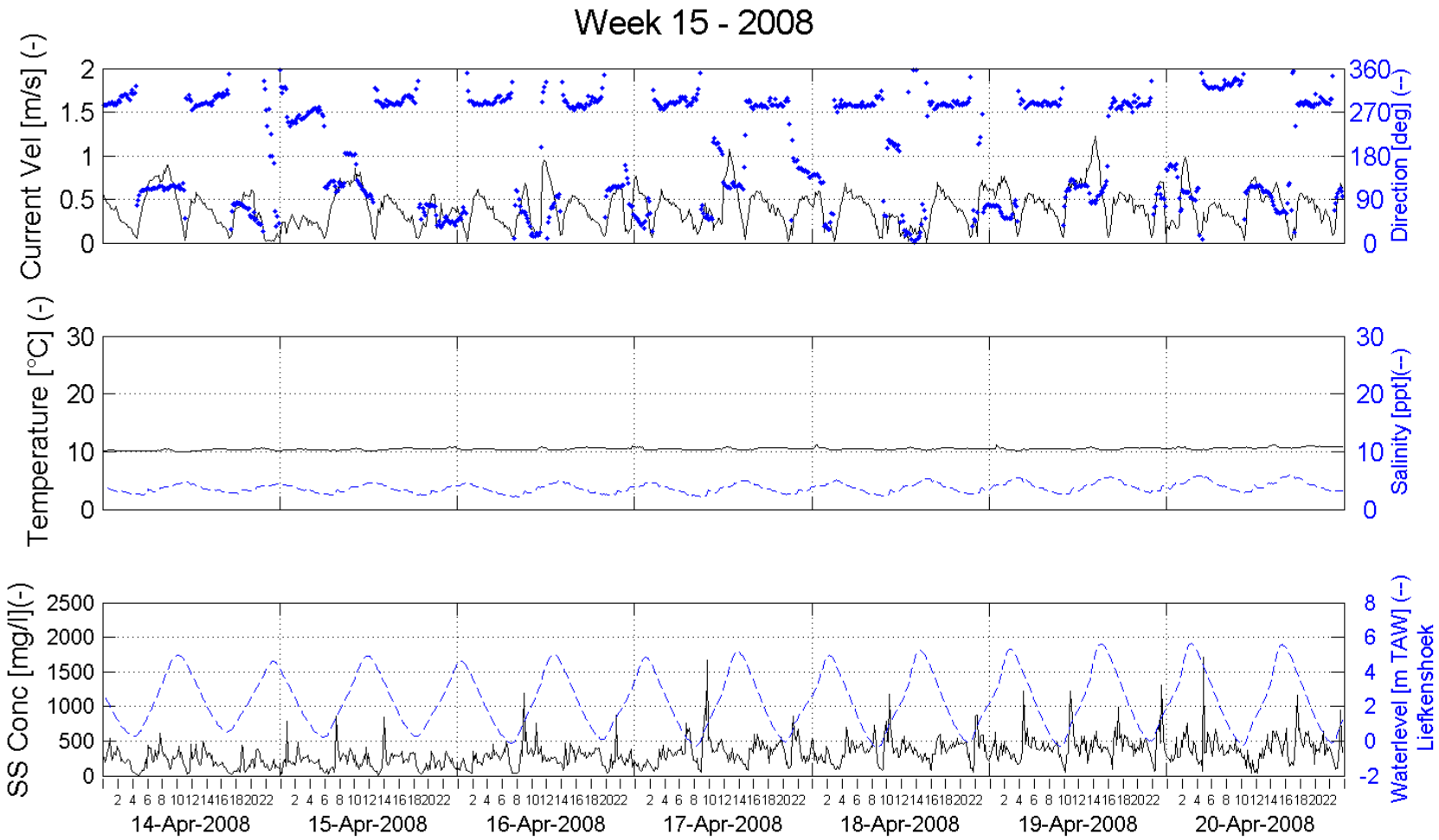
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

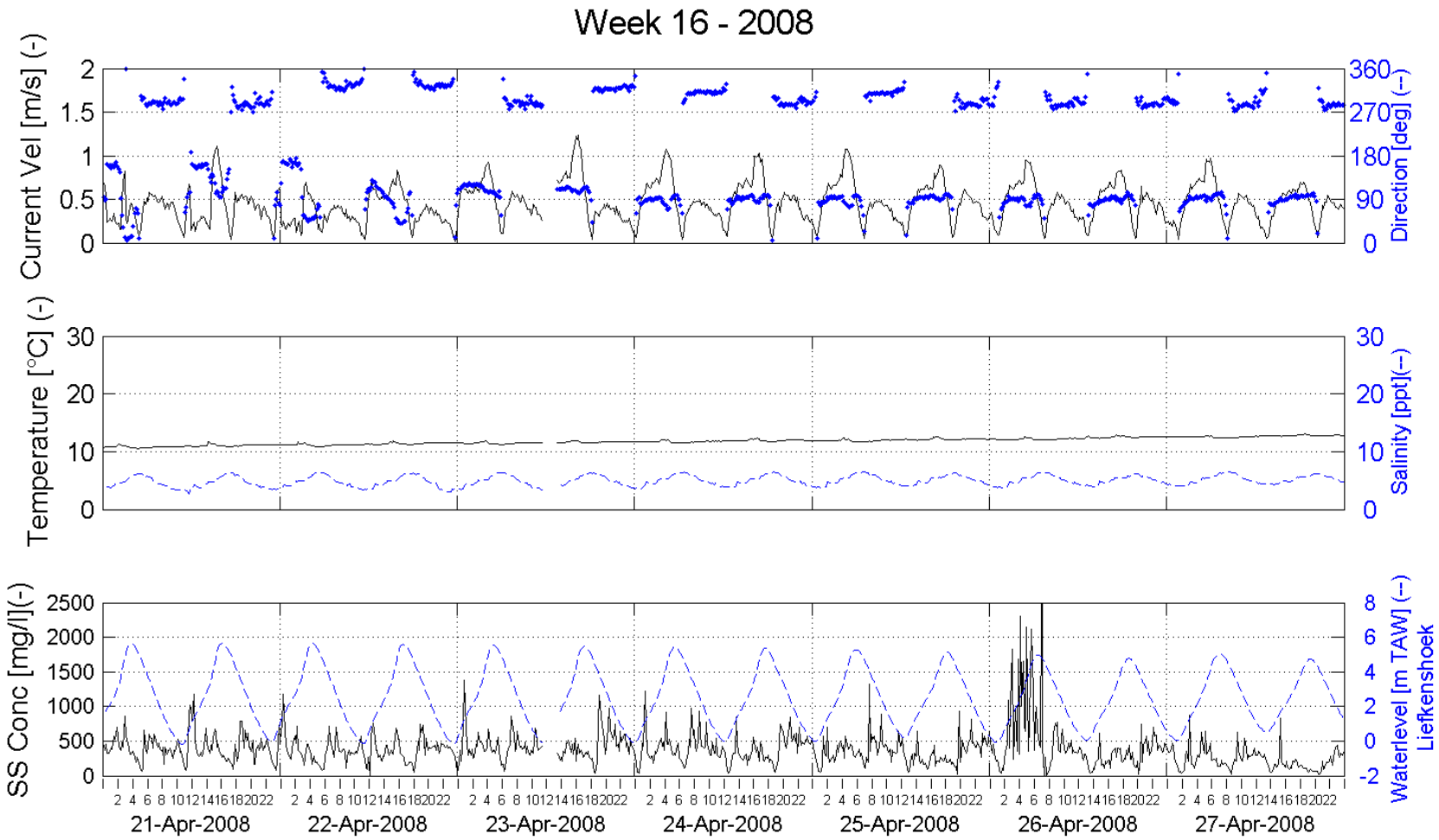
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

IMDC

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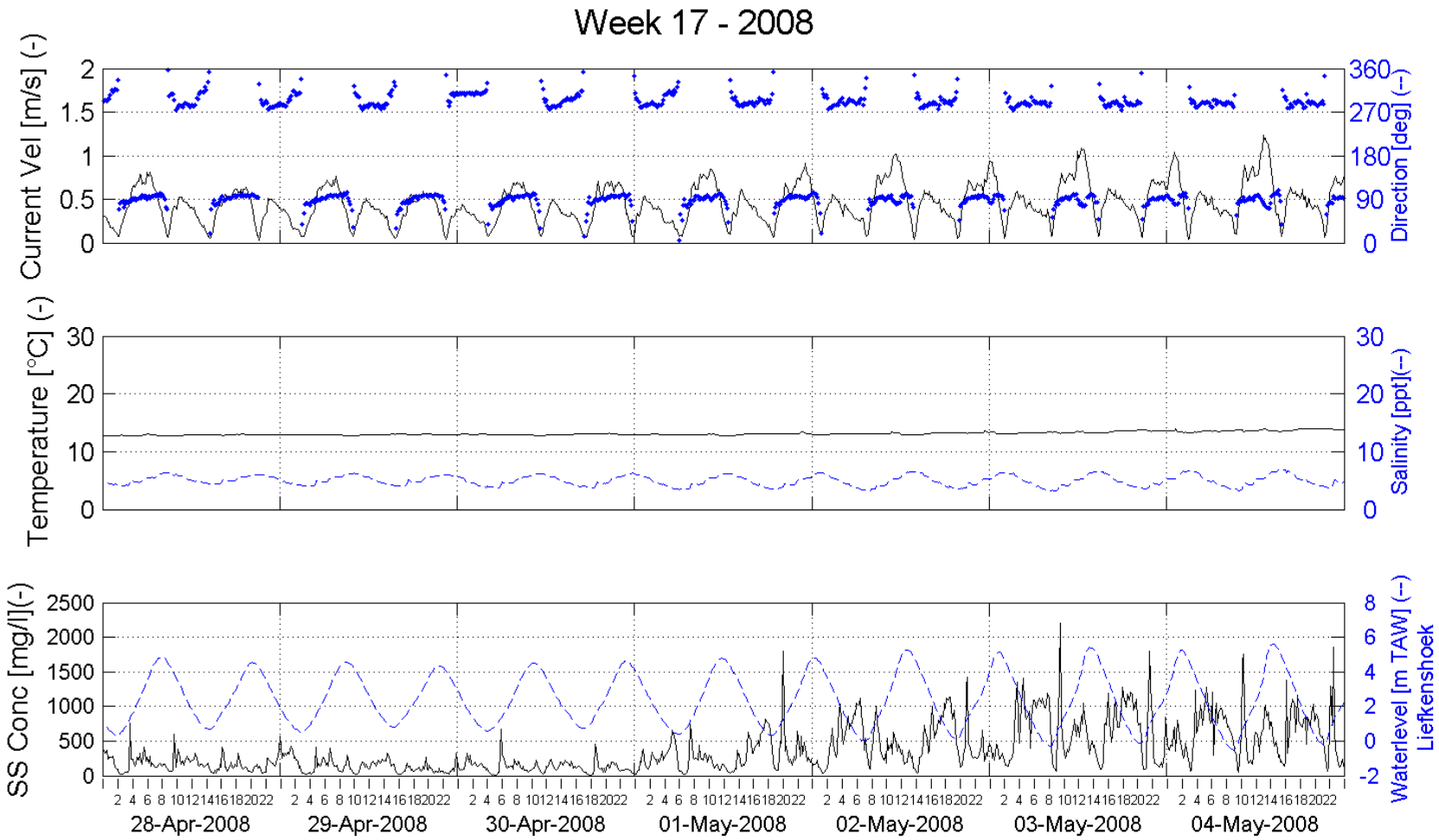
In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

IMDC

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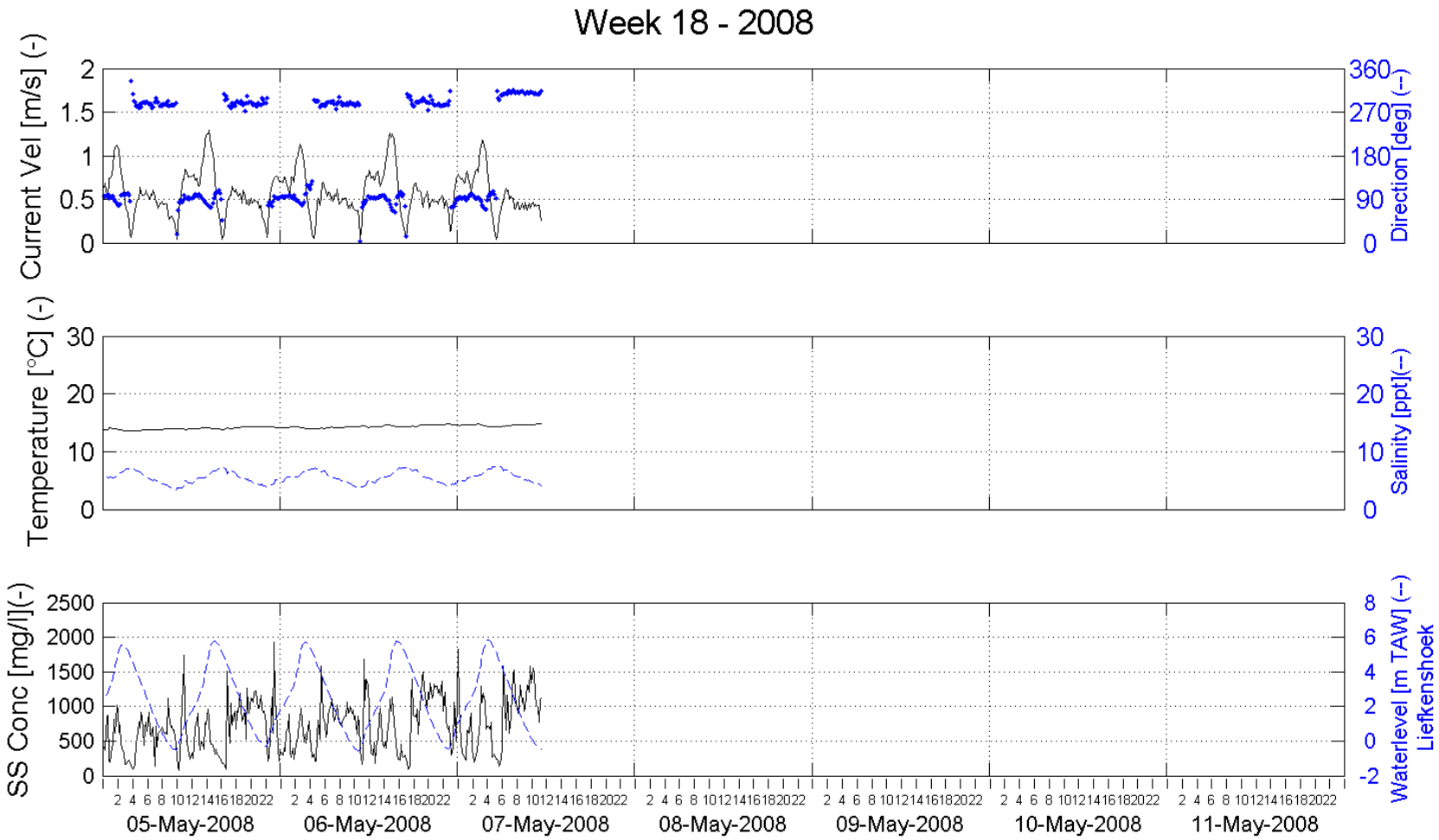

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

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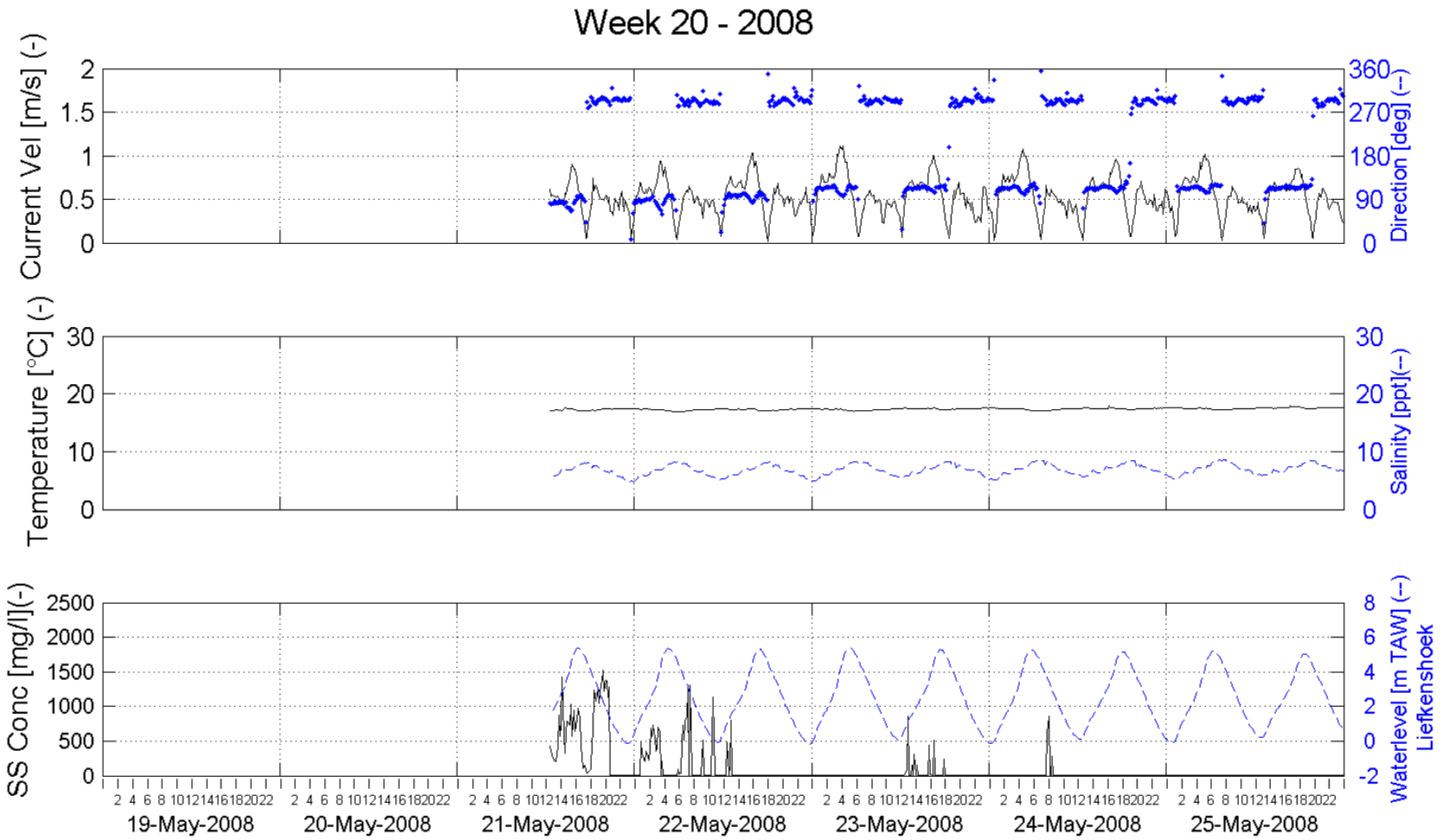
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

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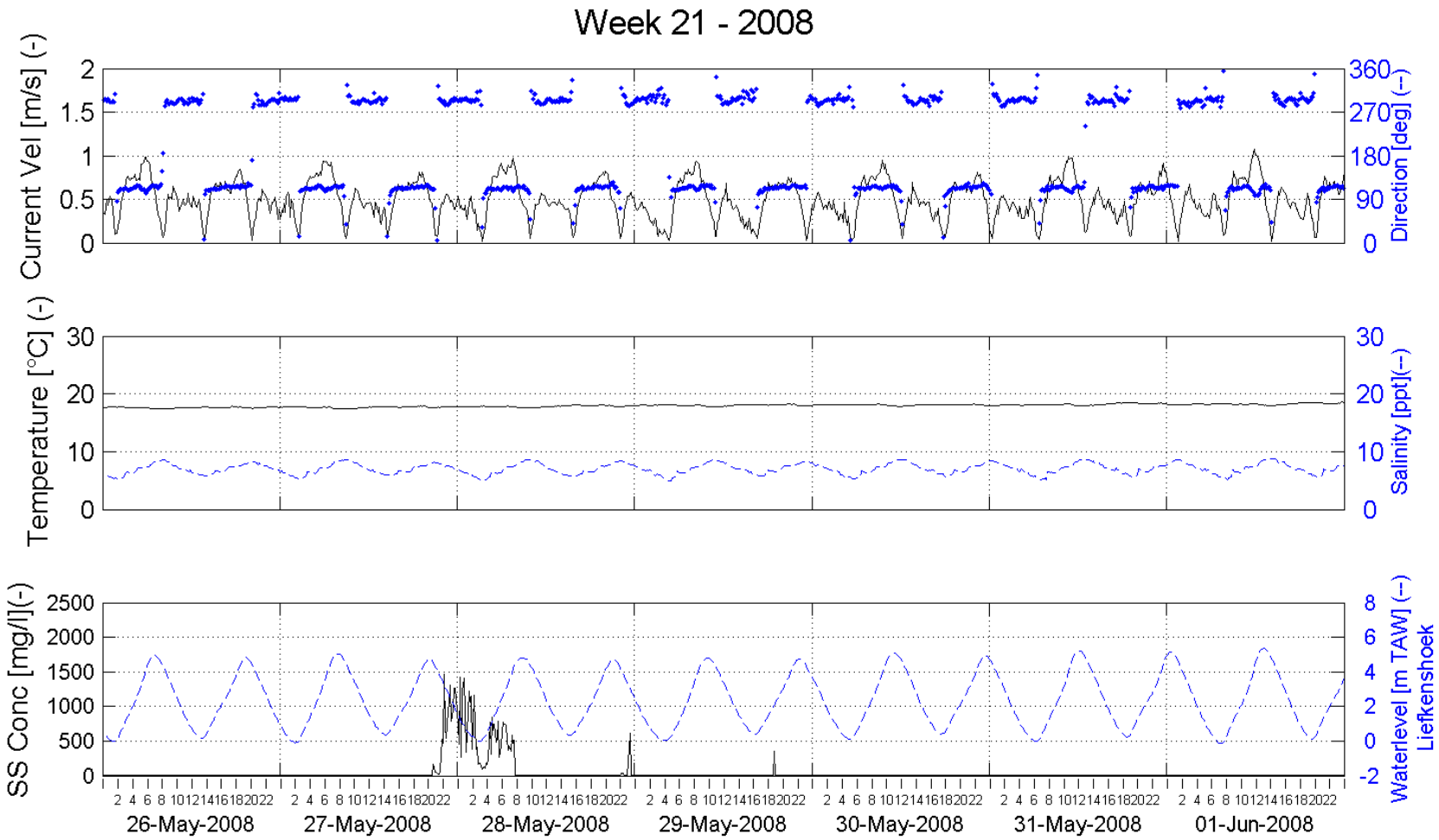
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

IMDC

International Marine & Dredging Consultants

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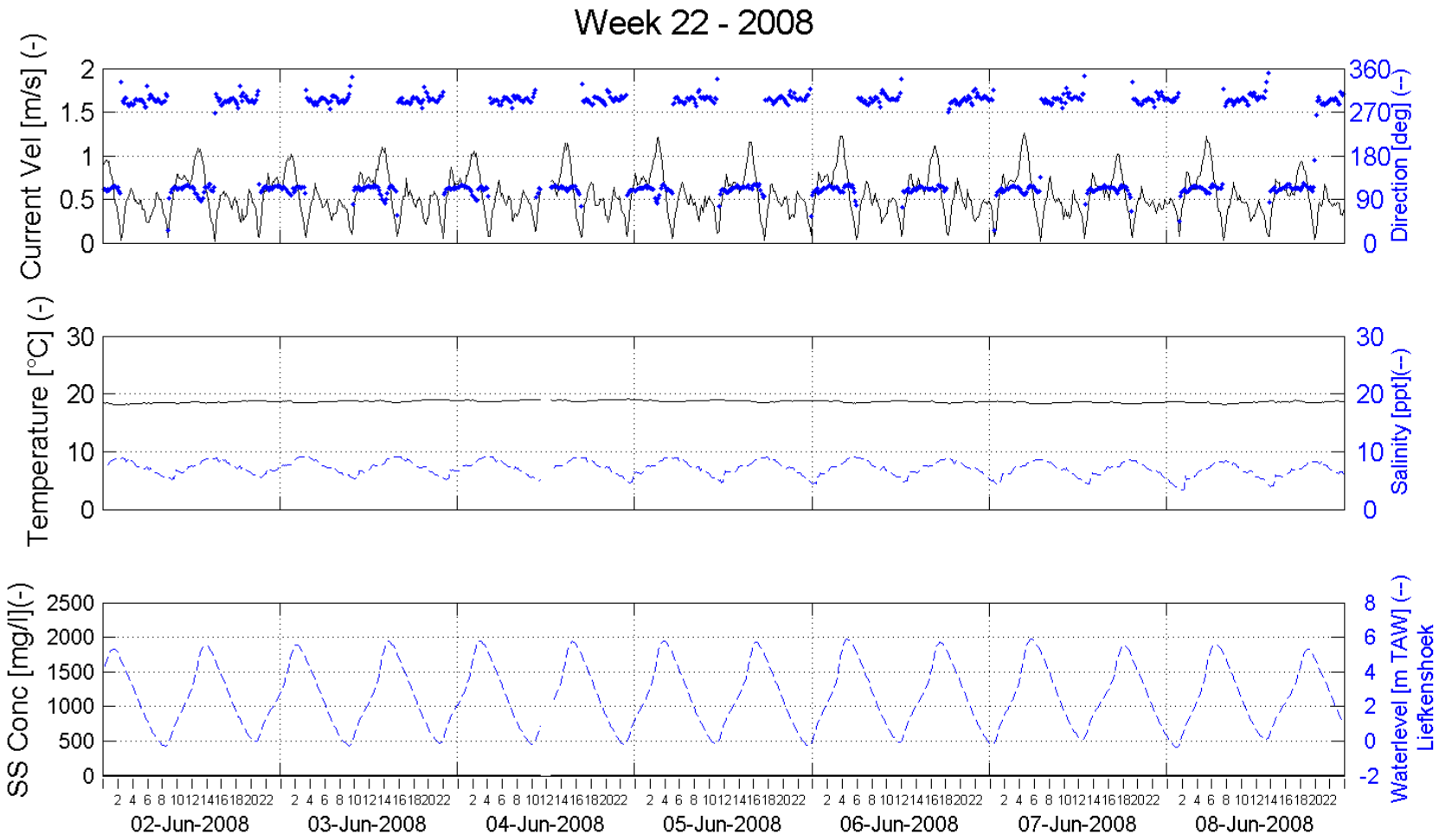
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

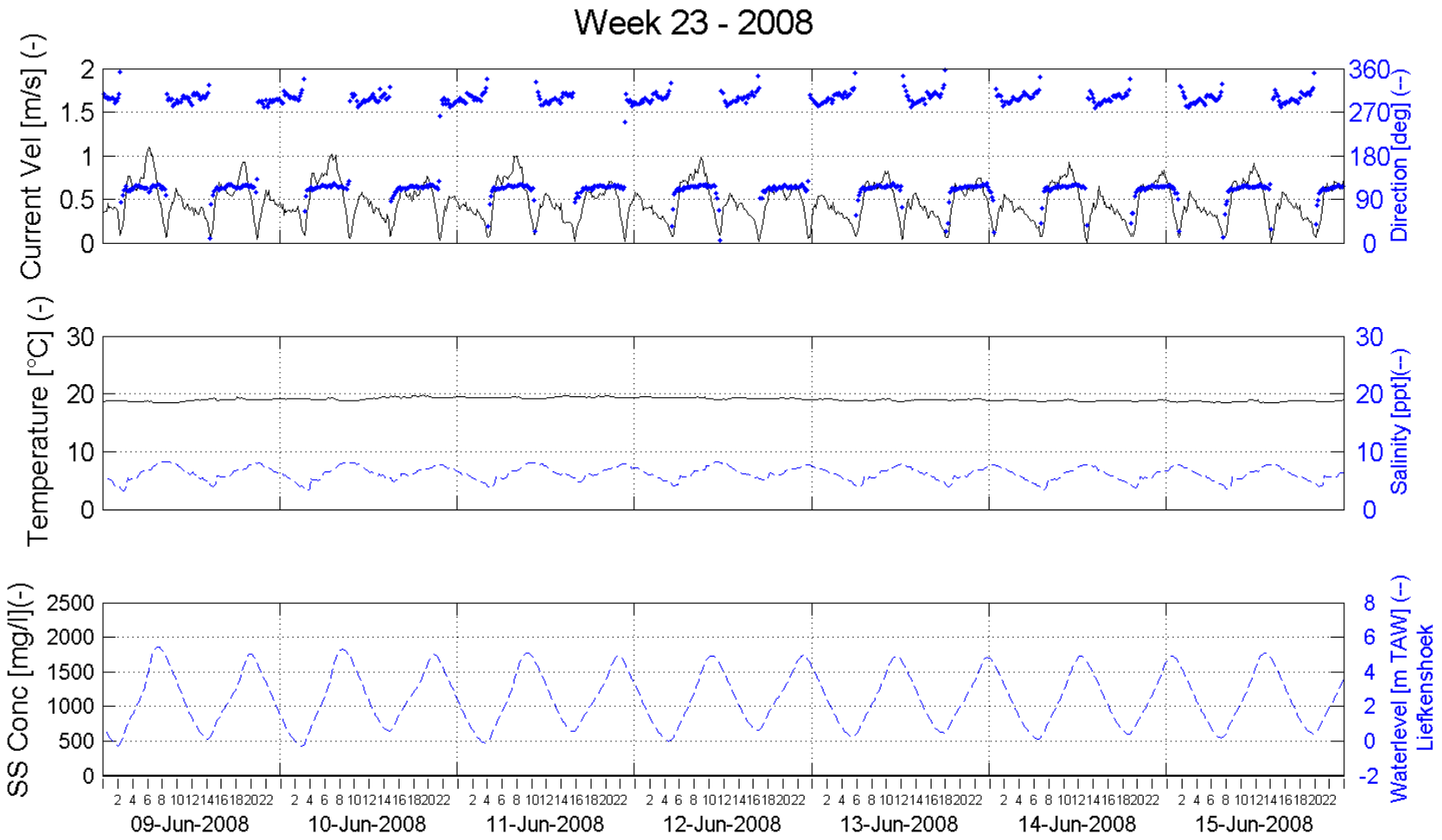
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

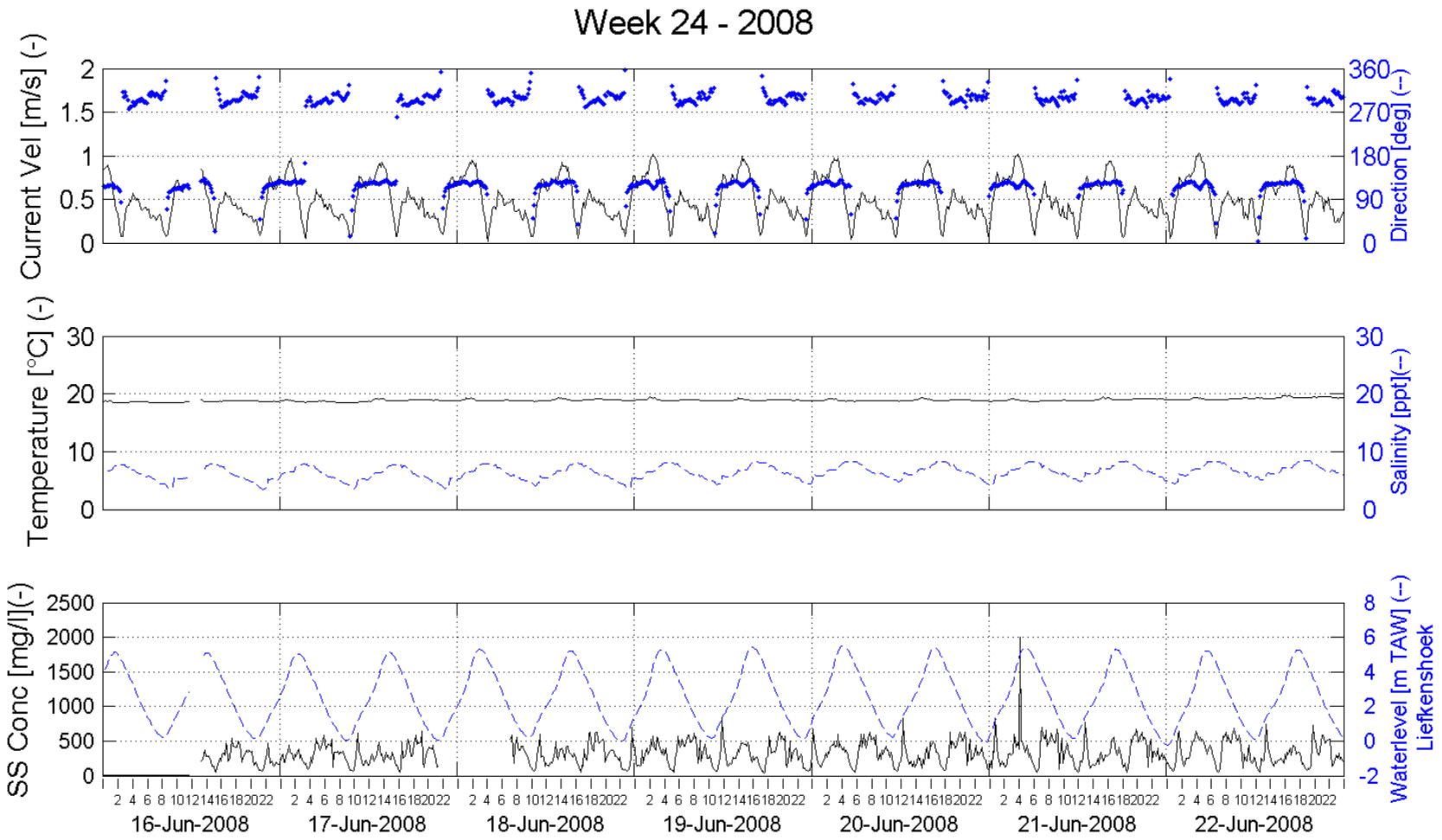
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

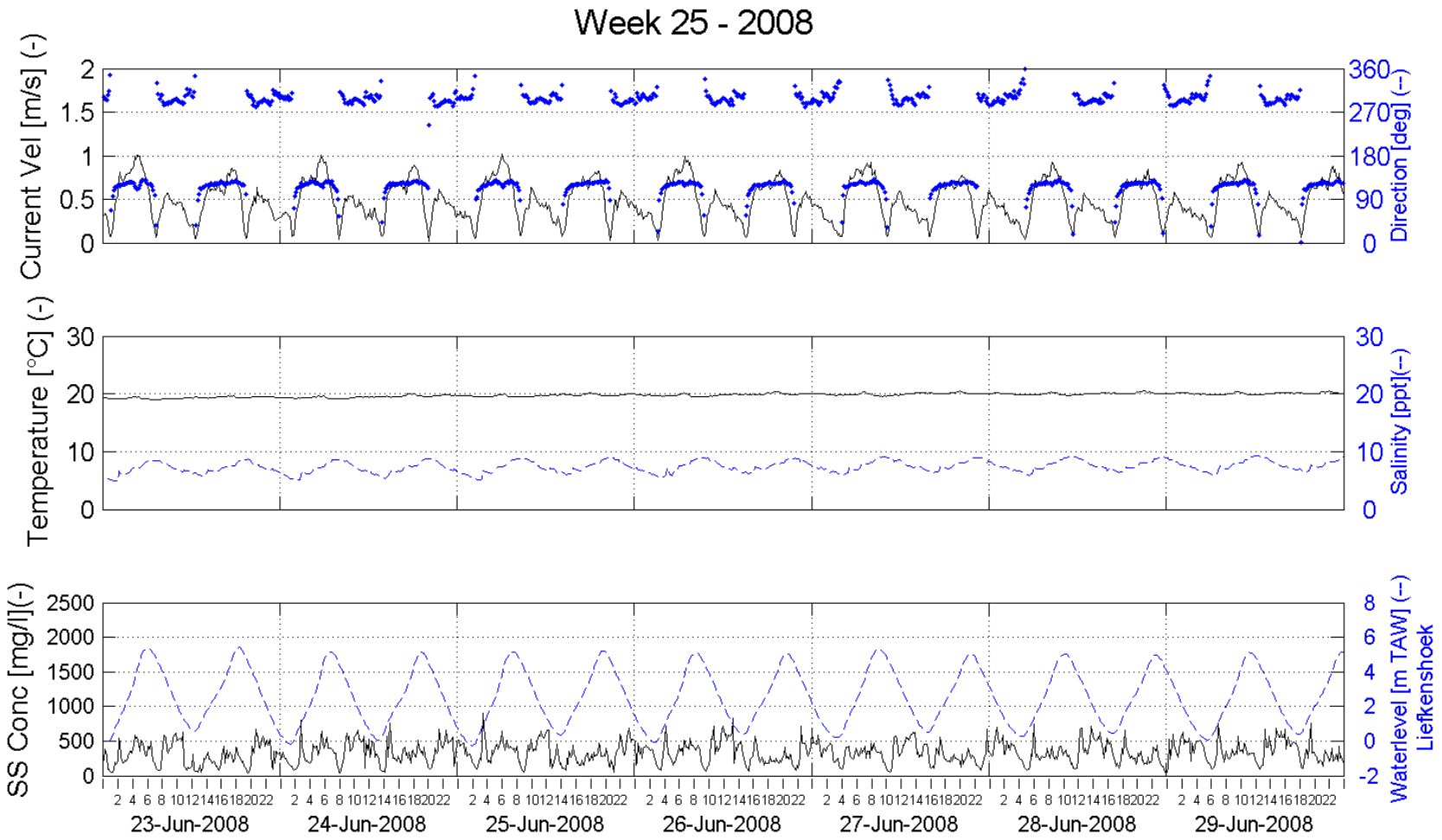
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

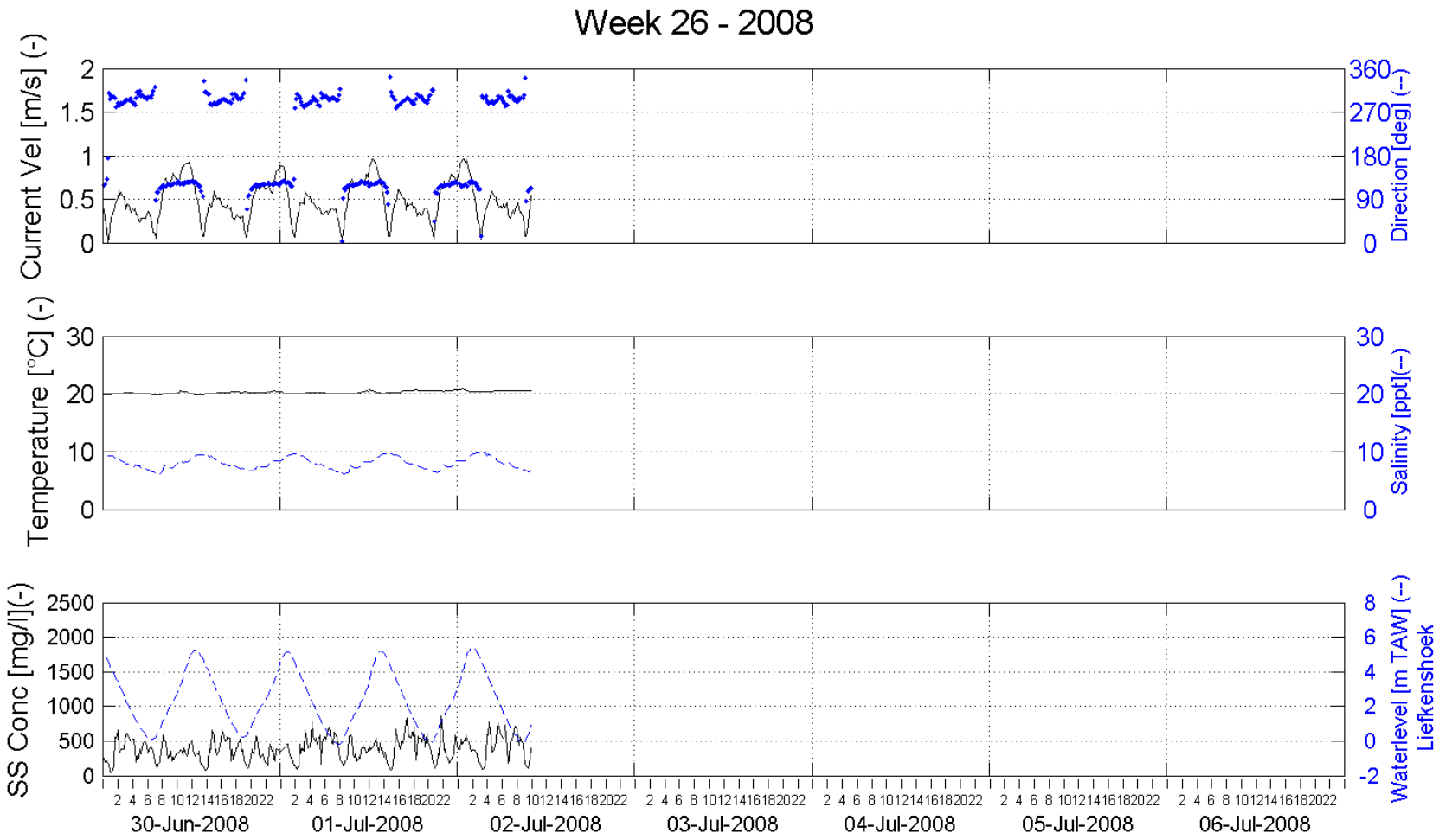
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Buoy 97 bottom - 0.8m above bottom (-6.78m TAW)

Processed by:

IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

B.2 Monthly results minimum, maximum and average of velocity magnitude, temperature, salinity and suspended sediment concentration

Location: Buoy 84
3.3 meter above bottom [-6.0 m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0	1.48	0.55
May 2008	0	1.4	0.56
June 2008	0.01	1.31	0.56
July 2008	0.01	1.26	0.53
August 2008	0	1.27	0.52
September 2008	0.01	1.27	0.5
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	8.1	13.09	10.41
May 2008	12.59	18.49	16.3
June 2008	17.89	20.41	19.05
July 2008	18.75	22.25	20.15
August 2008	19.19	23	20.8
September 2008	16.91	20.47	18.41

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	3.1	1.5	8.3	5.7	6.3	3.8
May 2008	7.5	4.9	10.5	7.8	9.6	6.8
June 2008	9.2	6.1	11.5	8	10.1	7
July 2008	10.3	7.8	17.1	12.8	11.9	9.2
August 2008	14.1	10.2	17.8	13.6	16.1	12.2
September 2008	16*	13.4*	18.1*	14.3*	17.2*	13.8*

Suspended sediment concentration [mg/l]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.1	852.38	143.41
May 2008	0.1	1052.85	163.51
June 2008	0.1	888.64	115.98
July 2008	0.1	926.2	145.44
August 2008	0.1	1194.71	146.74
September 2008	0.1	1274.98	155.11

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Location: Buoy 84
0.8 meter above bottom [-8.0 m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.01	1.25	0.46
May 2008	0	1.13	0.48
June 2008	0	1.1	0.47
July 2008	0.01	0.98	0.46
August 2008	0.01	1.03	0.44
September 2008	0	1.02	0.42
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	8.16	13.12	10.44
May 2008	12.62	18.46	16.3
June 2008	17.92	20.37	19
July 2008	18.58	22.61	20.14
August 2008	19.19	22.71	20.8
September 2008	16.43	20.41	18.28

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	3	1.5	8	5.5	6.1	3.8
May 2008	7.2	5	10.2	7.7	9.4	6.8
June 2008	9.2	6.1	11.1	7.9	10	7.1
July 2008	10.5	7.9	12.5	9.4	11.5	9
August 2008	10	7.8	12.8	9.8	11.5	8.9
September 2008	12.1	9.8	15.6	12.2	13.4	10.6
Suspended sediment concentration [mg/l]						
Month	***Minimum***		***Maximum***		***Average***	
April 2008	48.44		1991.02		279.13	
May 2008	46.94		1384.81		385.24	
June 2008	37.05		2469.02		291.15	
July 2008	44.73		1321.47		313.84	
August 2008	46.94		1377.62		349.21	
September 2008	48.44		1442.99		322.53	

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Location: Buoy 97
3.3 meter above bottom [-4.8 m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.01	1.6	0.6
May 2008	0	1.5	0.64
June 2008	0.01	1.38	0.61
July 2008	-	-	-
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	7.82	13.2	10.49
May 2008	12.79	18.47	16.42
June 2008	18.02	20.71	19.1
July 2008	-	-	-

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	2	0.7	6.5	4.2	4.8	2.4
May 2008	6	2.9	8.5	5.9	7.7	4.7
June 2008	7.5	3.1	9.5	6.5	8.4	4.6
July 2008	-	-	-	-	-	-

Suspended sediment concentration [mg/l]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	2.99	1538.87	164.45
May 2008	3	2658.03	363.16
June 2008	2.99	2264.22	215.44
July 2008	-	-	-

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Location: Buoy 97
0.8 meter above bottom [-7.2m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.01	1.31	0.46
May 2008	0.02*	1.29*	0.52*
June 2008	0.01	1.26	0.5
July 2008	-	-	-
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	7.84	13.2	10.49
May 2008	12.76*	18.52*	16.14*
June 2008	18.01	20.62	19.09
July 2008	-	-	-

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

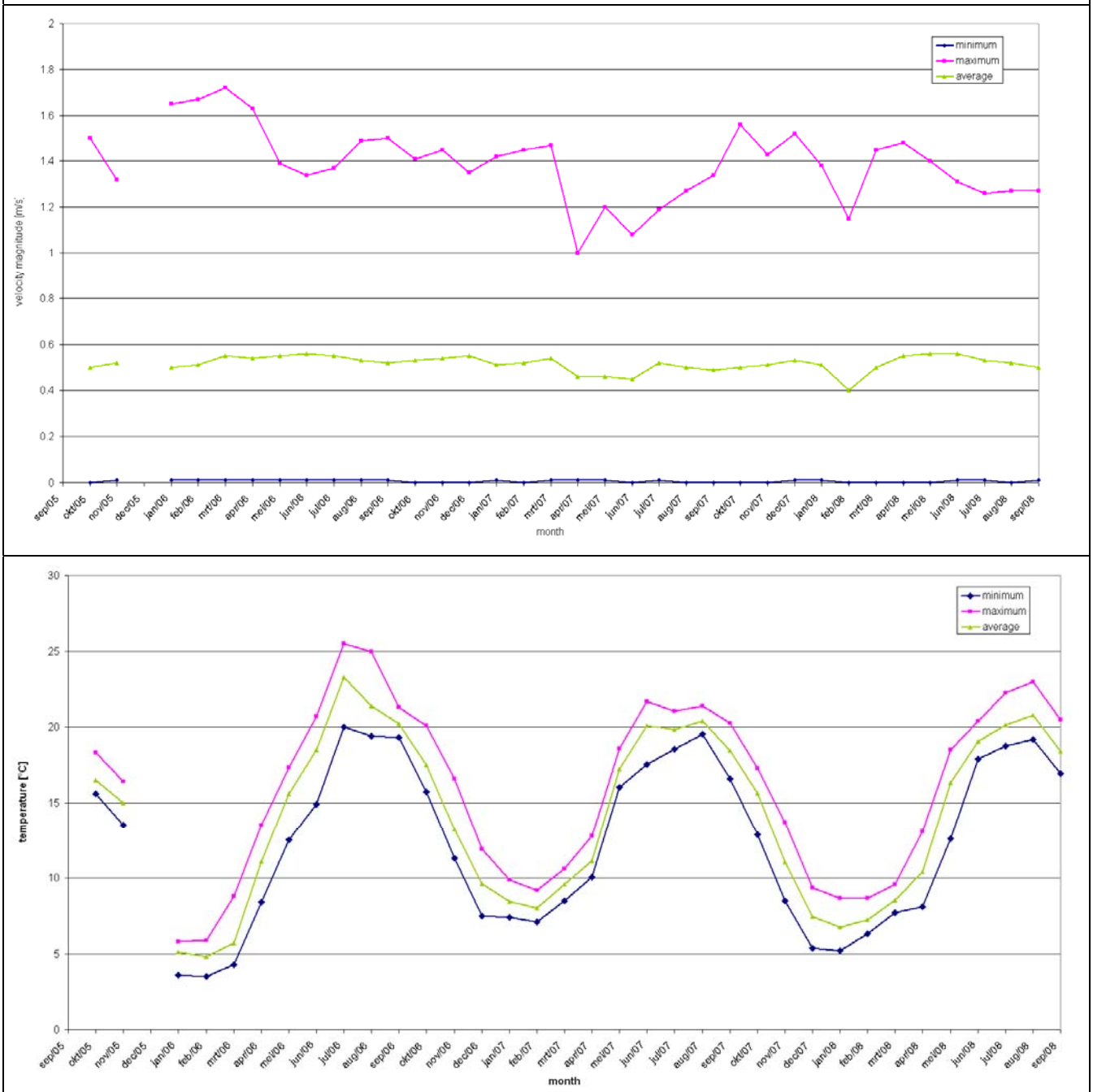
Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	2	0.9	6.5	4.5	4.8	2.6
May 2008	6.1*	3.2*	8.6*	6.1*	7.7*	4.9*
June 2008	7.6	3.4	9.5	7	8.4	5.1
July 2008	-	-	-	-	-	-

Suspended sediment concentration [mg/l]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.74	3855.38	352.02
May 2008	2.36*	2210.34*	273.01*
June 2008	7.4	1997.99	160.43
July 2008	-	-	-

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

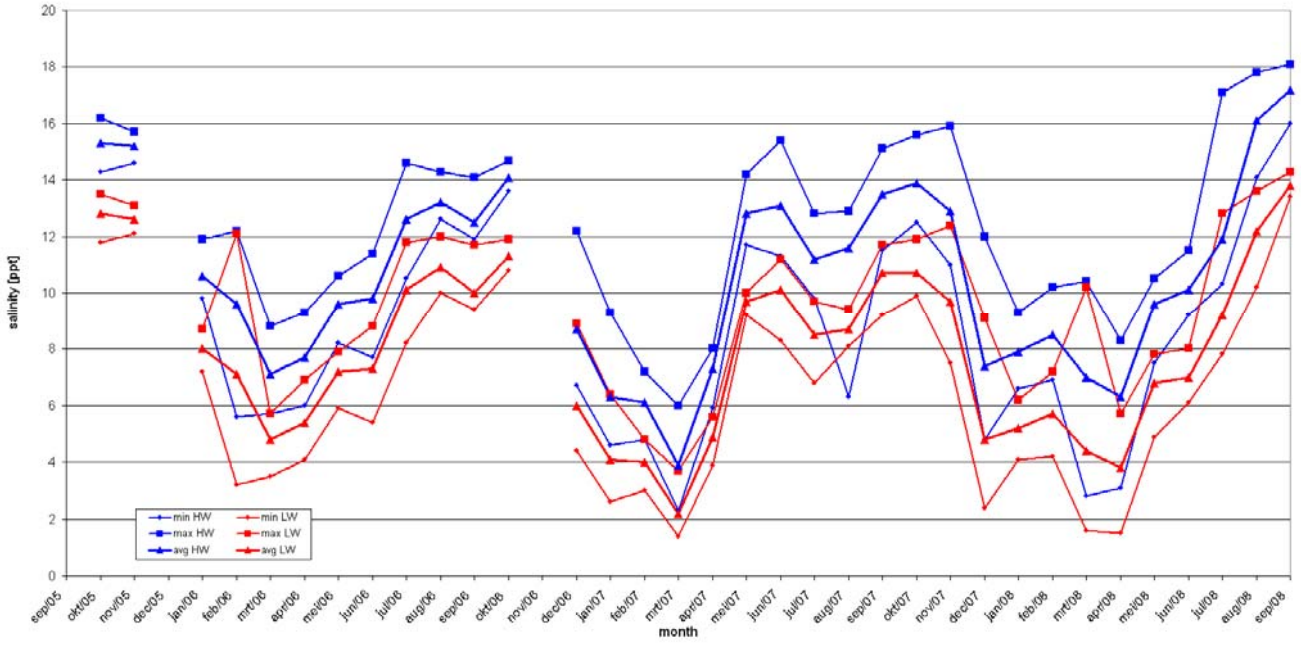
B.3 Graphs monthly results for the whole deployment period

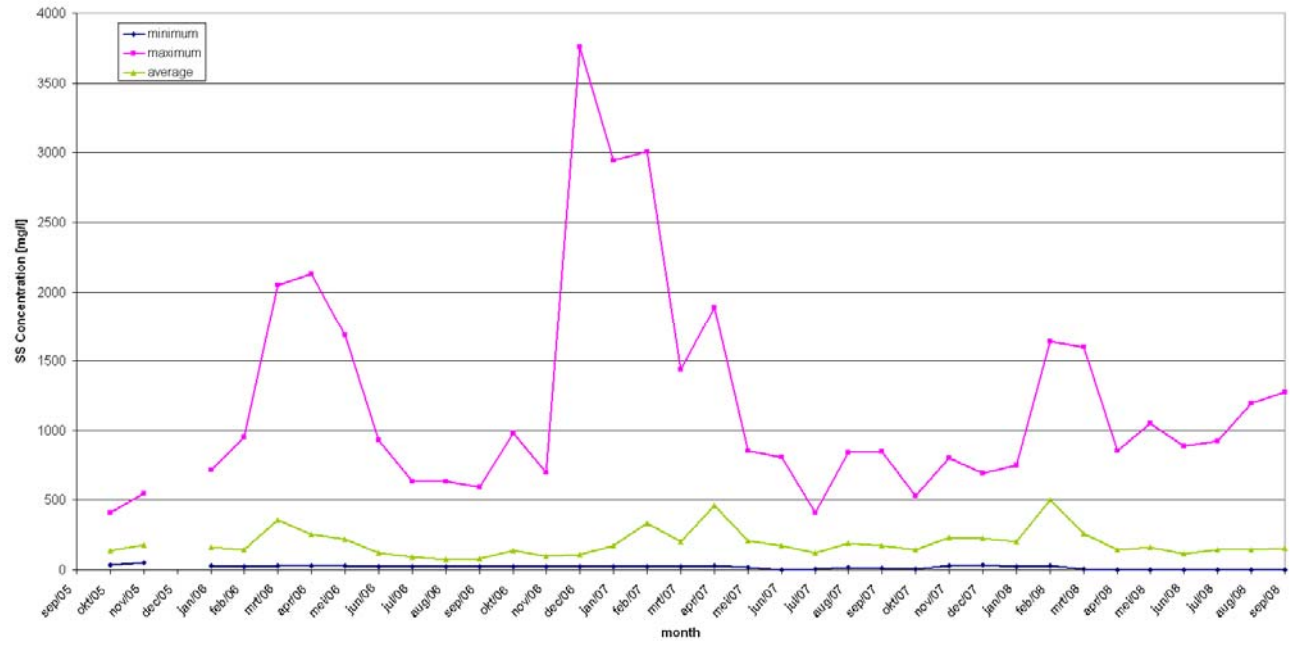
Velocity magnitude & temperature



Buoy 84 **3.3 m above bottom (-4.8 m TAW)**	*Data processed by:* *In association with:* *I/RA/11283/08.096/MSA*

Salinity & SS Concentration





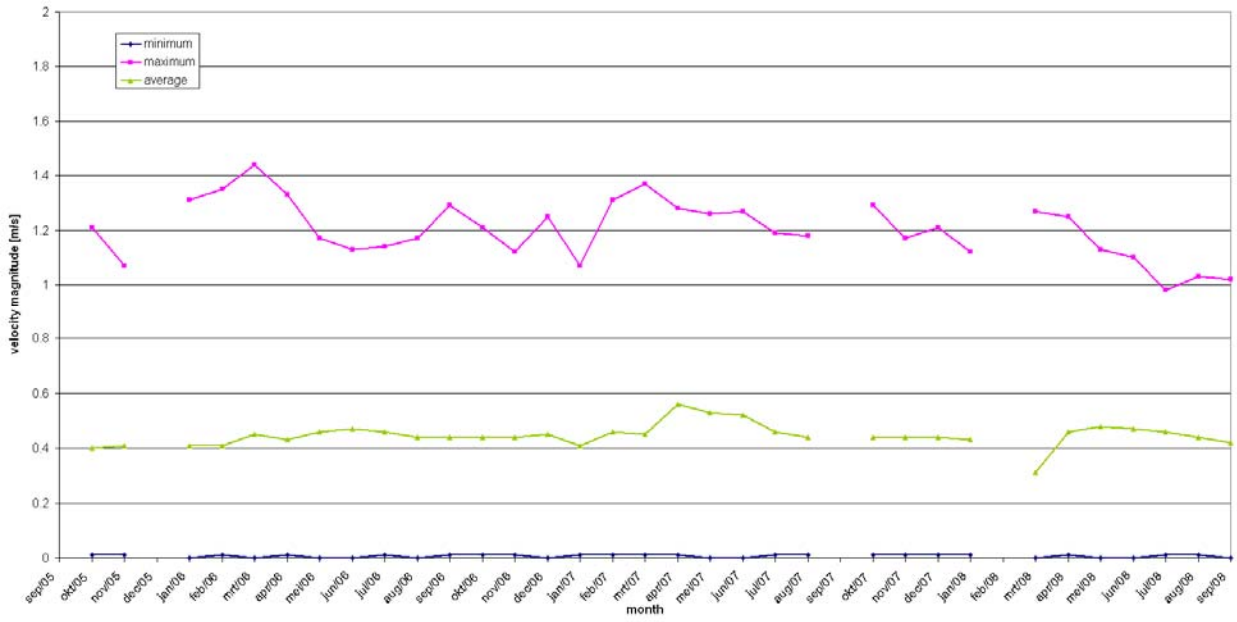
Buoy 84
3.3m above bottom (-4.8m TAW)

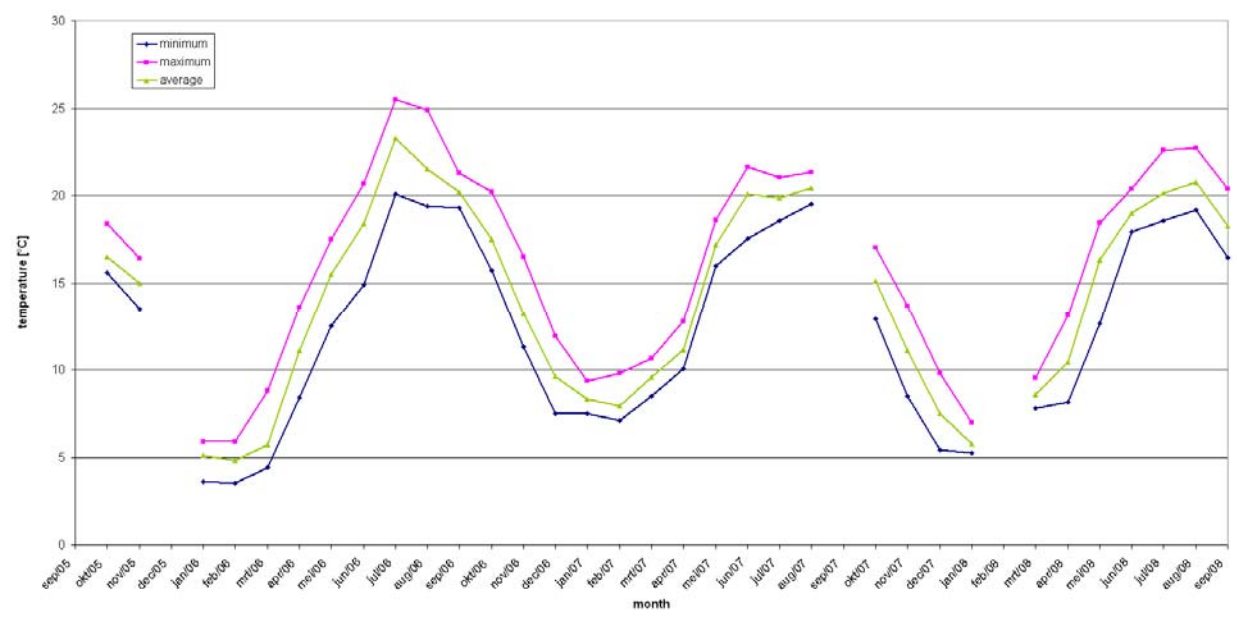
Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Velocity magnitude & temperature





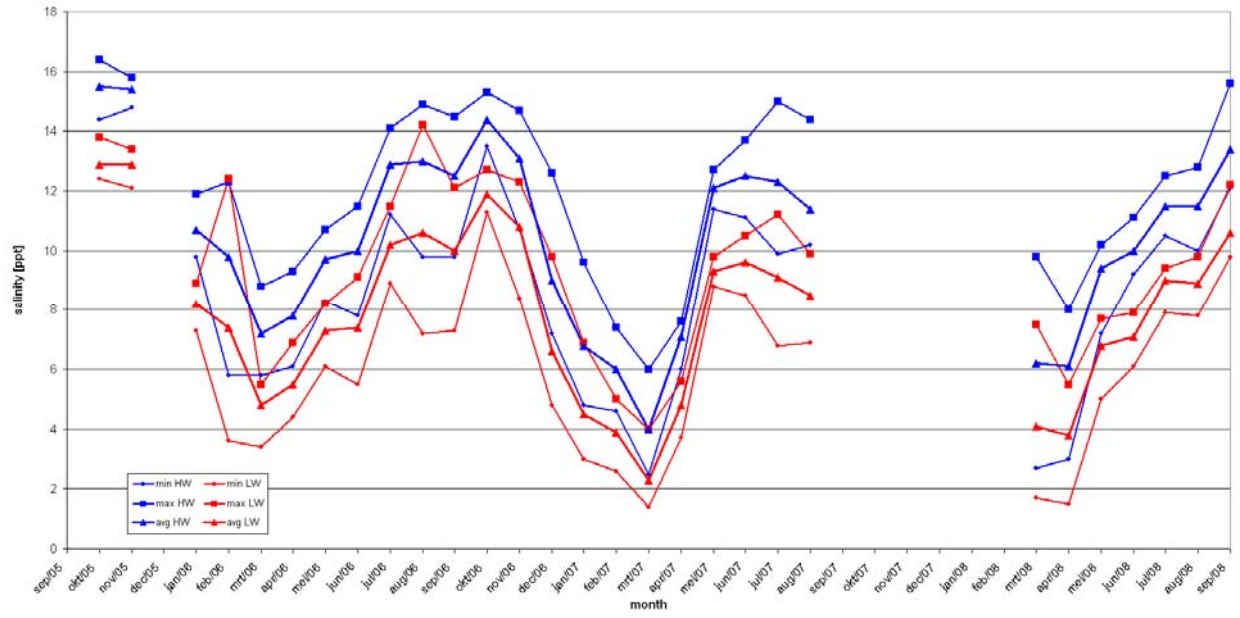
Buoy 84
0.8m above bottom (-8m TAW)

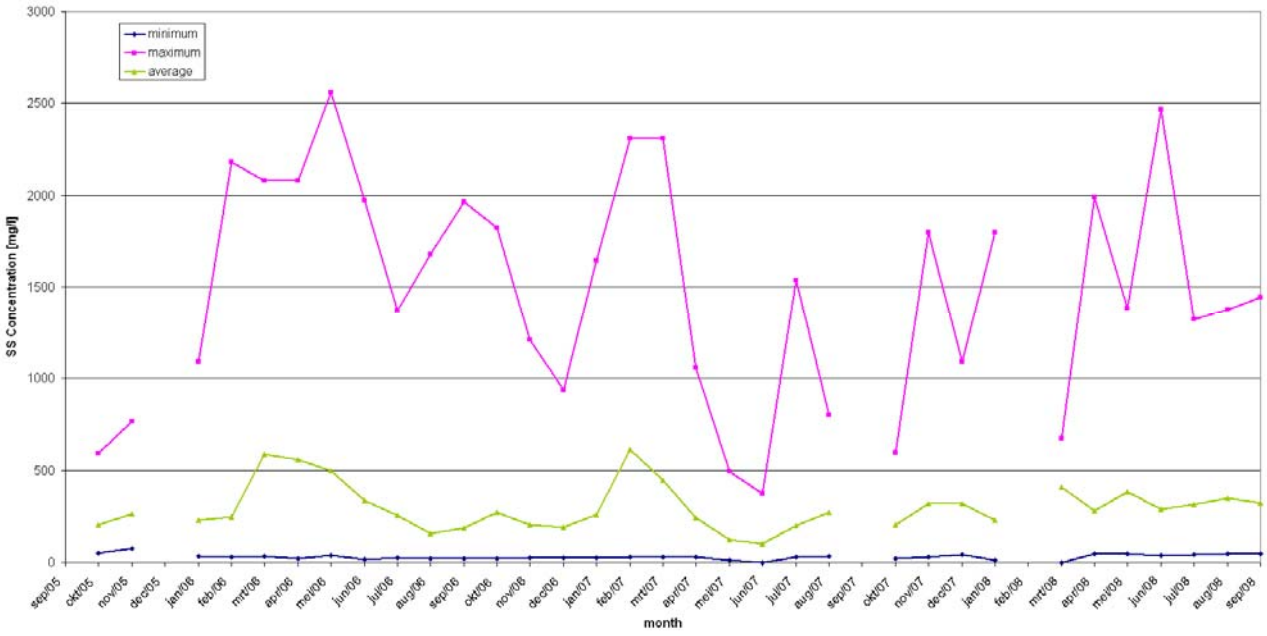
Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Salinity & SS Concentration





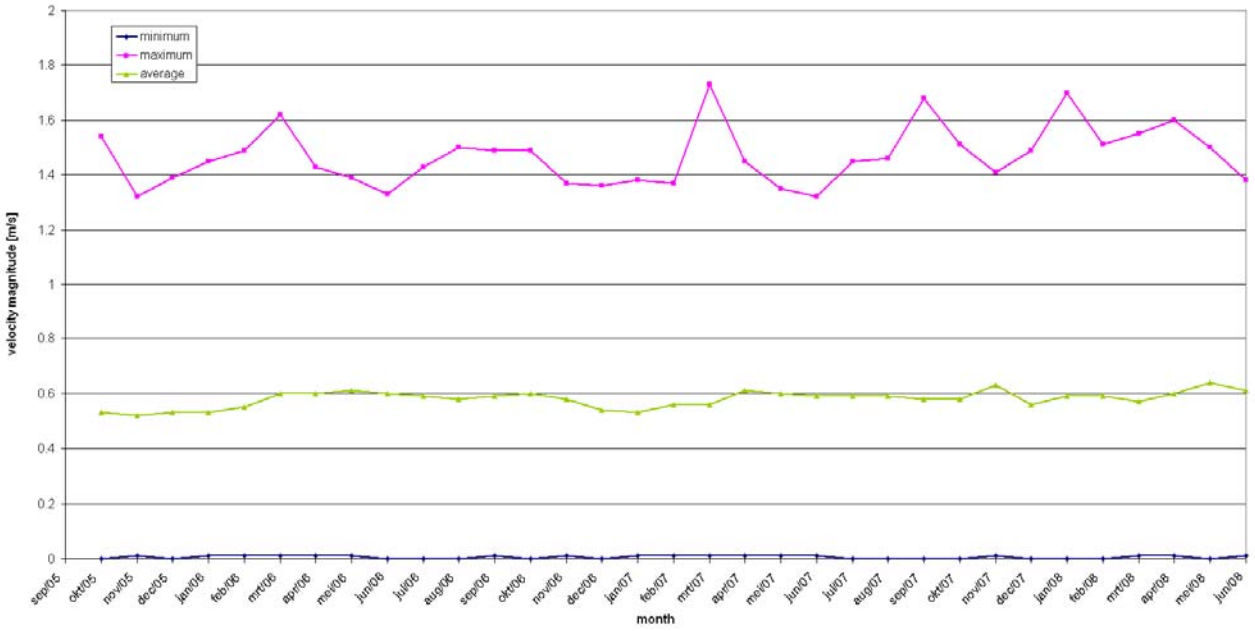
Buoy 84
0.8m above bottom (-8m TAW)

Data processed by:

In association with:

I/RA/11283/08.096/MSA

Velocity magnitude & temperature



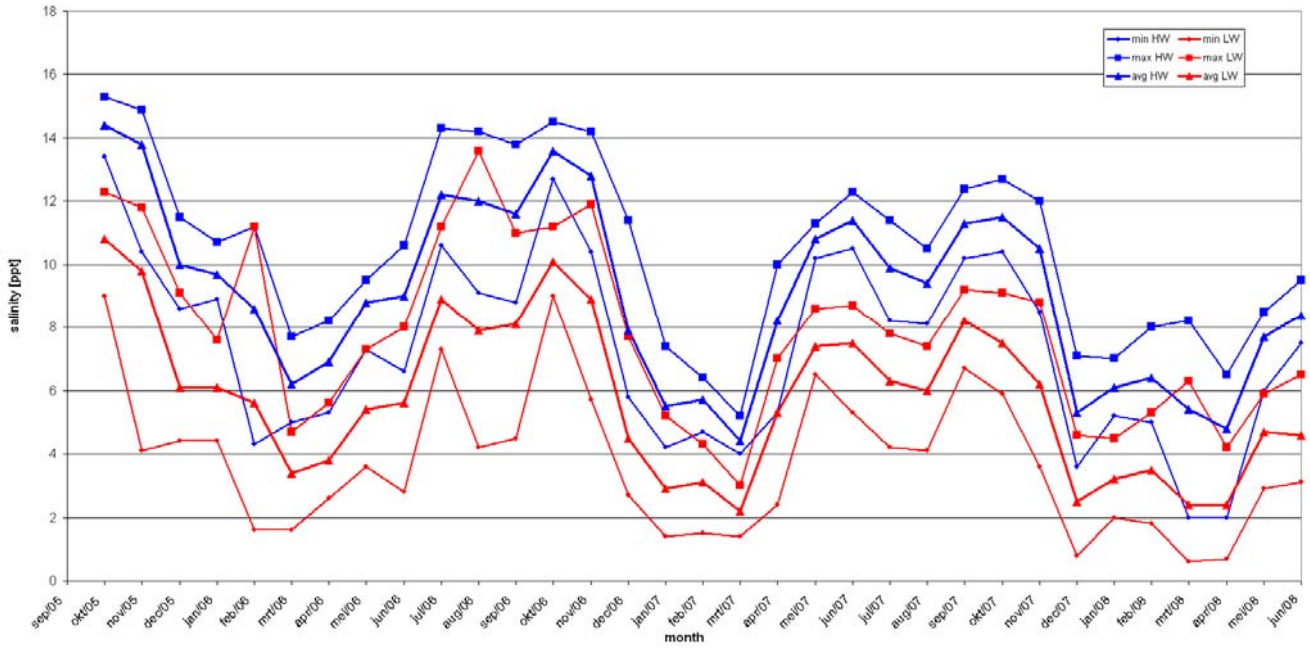
Buoy 97
3.3m above bottom (-4.5m TAW)

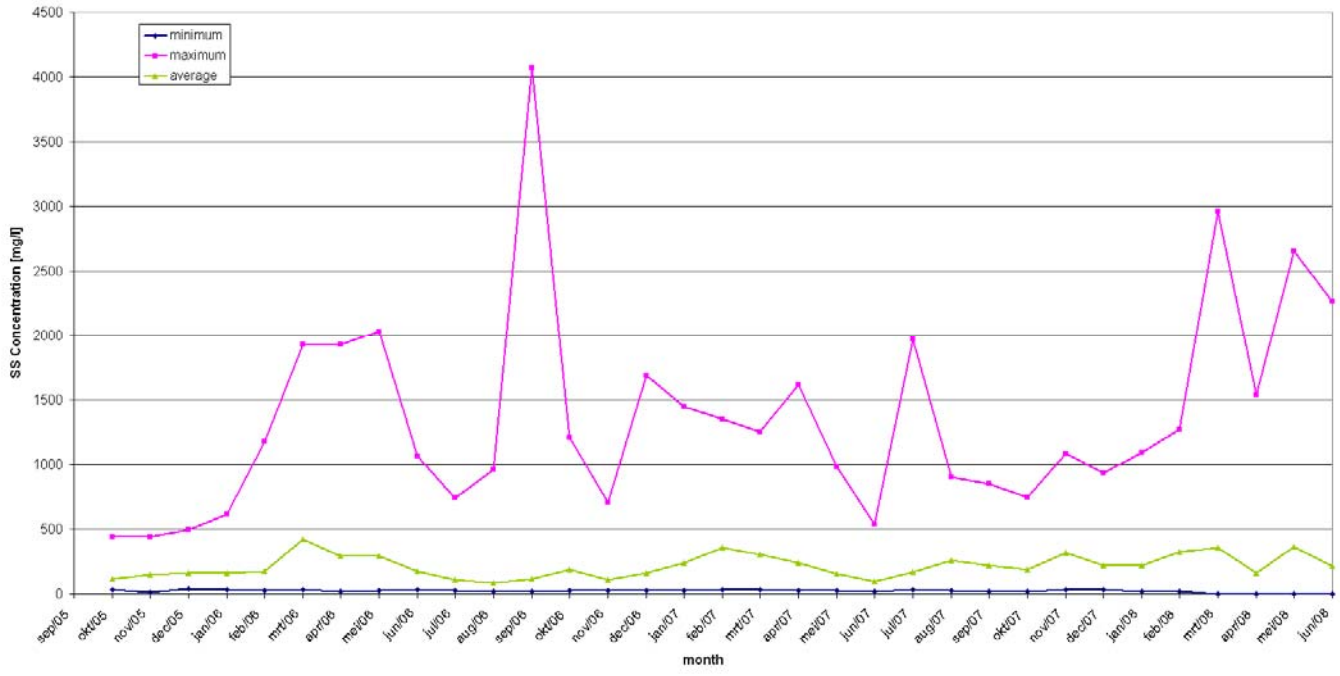
Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Salinity & SS Concentration





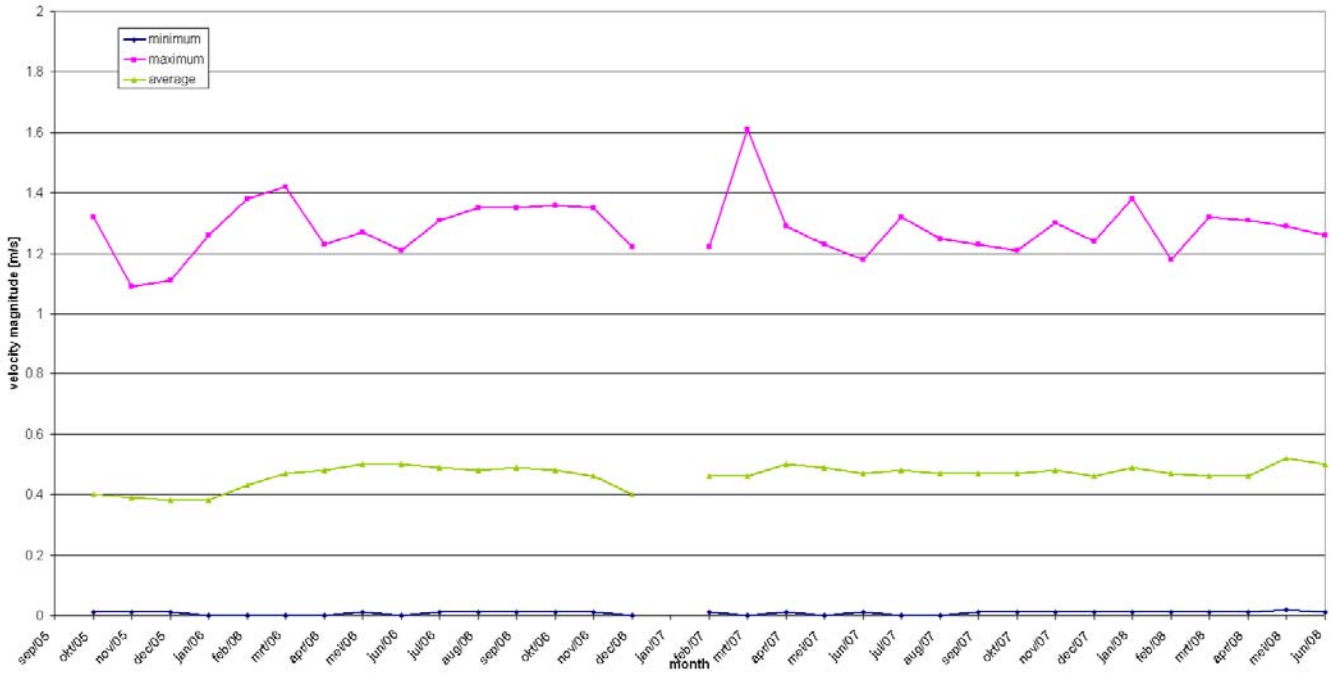
Buoy 97
3.3m above bottom (-4.5m TAW)

Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Velocity magnitude & temperature



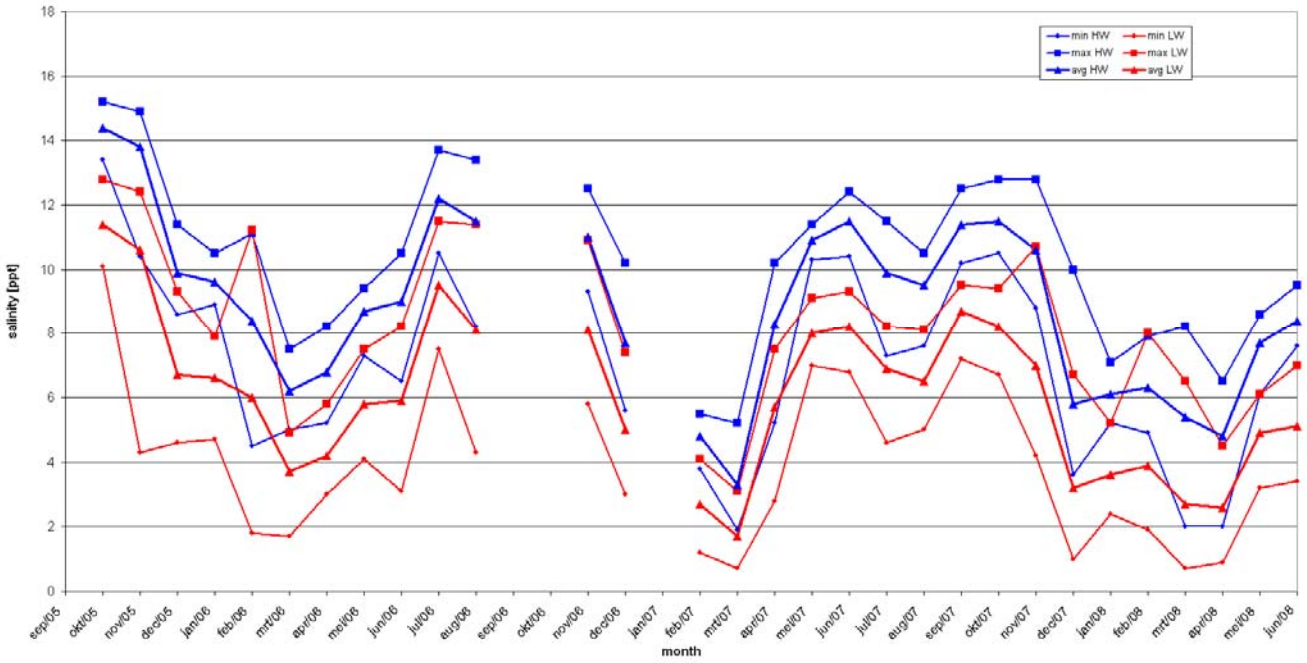
Buoy 97
0.8m above bottom (-6.8m TAW)

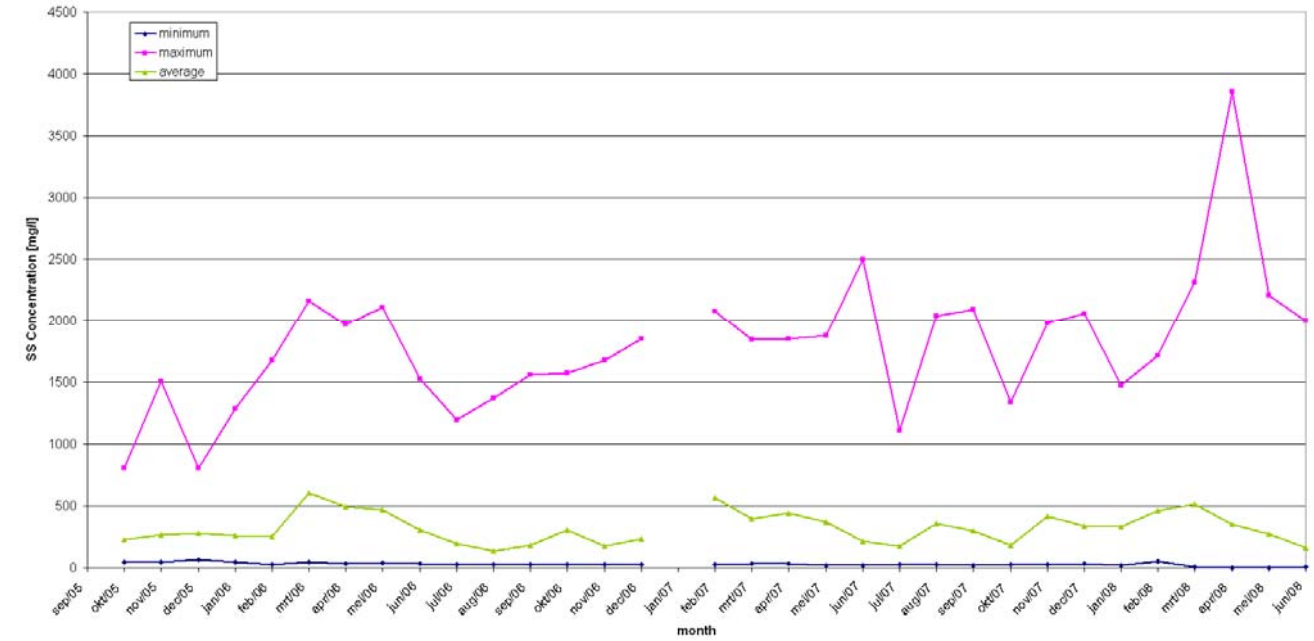
Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Salinity & SS Concentration





Buoy 97
0.8m above bottom (-6.8m TAW)

Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

B.4 Total result from April 2008 till September 2008 of velocity magnitude, temperature, salinity and suspended sediment concentration

Averages for the whole deployment period of each instrument
[Buoy 84: April 2008 – September 2008 & Buoy 97: April 2008 – June 2008]

Location	*Depth [m TAW]*	*Velocity [m/s]*			*Temperature [°C]*			*SS concentration [mg/l]*		
		Min	*Max*	*Avg*	*Min*	*Max*	*Avg*	*Min*	*Max*	*Avg*
Buoy 84	-4.8	0	1.49	0.54	8.1	23	17.4	0.1	1275	145
Buoy 84	-8.0	0	1.25	0.45	8.2	22.7	17.5	37.1	2469	324
Buoy 97	-4.5	0	1.6	0.62	7.8	20.8	15.4	3.0	2658	249
Buoy 97	-6.8	0.01	1.31	0.49	7.8	20.8	15.2	0.7	3855	263

Salinity [ppt]

Location	*Depth [m TAW]*	*Minimum*		*Maximum*		*Average*	
		Slack HW	*Slack LW*	*Slack HW*	*Slack LW*	*Slack HW*	*Slack LW*
Buoy 84	-4.8	3.1	1.5	18.1	14.3	11.2	8.2
Buoy 84	-8.0	3	1.5	15.6	12.2	10.3	7.7
Buoy 97	-4.5	2	0.7	9.8	6.5	7	4
Buoy 97	-6.8	2	0.9	9.8	7	6.9	4.2

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

APPENDIX C.
LONG-TERM MEASUREMENTS AT OOSTERWEEL AND PROSPERPOLDER

(WL – CEL HYDROMETRIE)

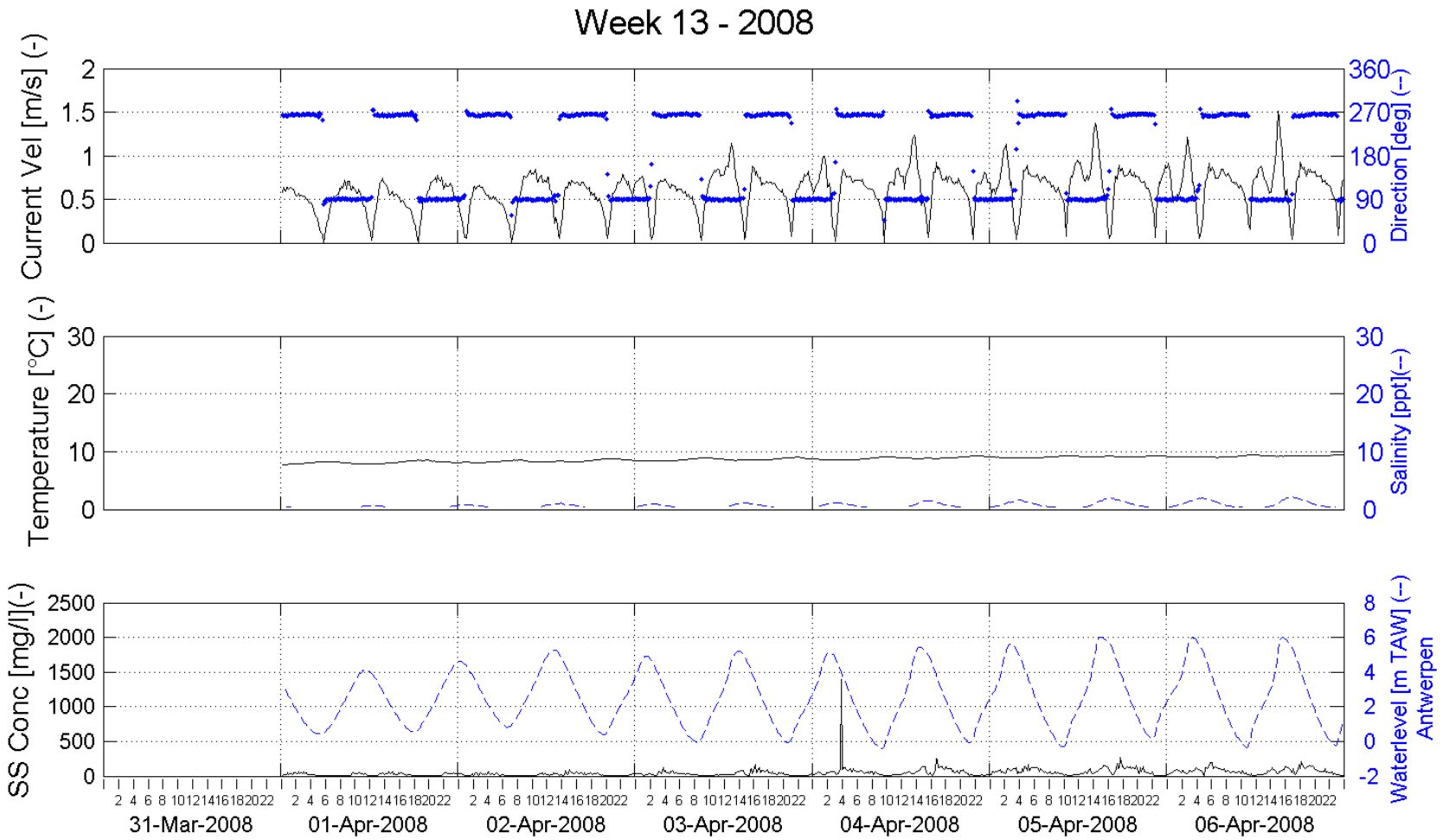
C.1 Datasheets week series

Datasheet order

Nr	*Location*	*Depth of Instrument*		*Sensor*	*Period*
		[m] above bottom	*[m TAW]*		
1	Oosterweel left bank	4.5	-2.0	Aanderaa 0152	01/04/2008 – 30/09/2008
2	Oosterweel left bank	1.0	-5.5	Aanderaa 0149	01/04/2008 – 30/09/2008
3	Prosperpolder	2.5	-1.5	Aanderaa 0117	01/04/2008 – 30/09/2008

C.1.1. Oosterweel left bank top

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

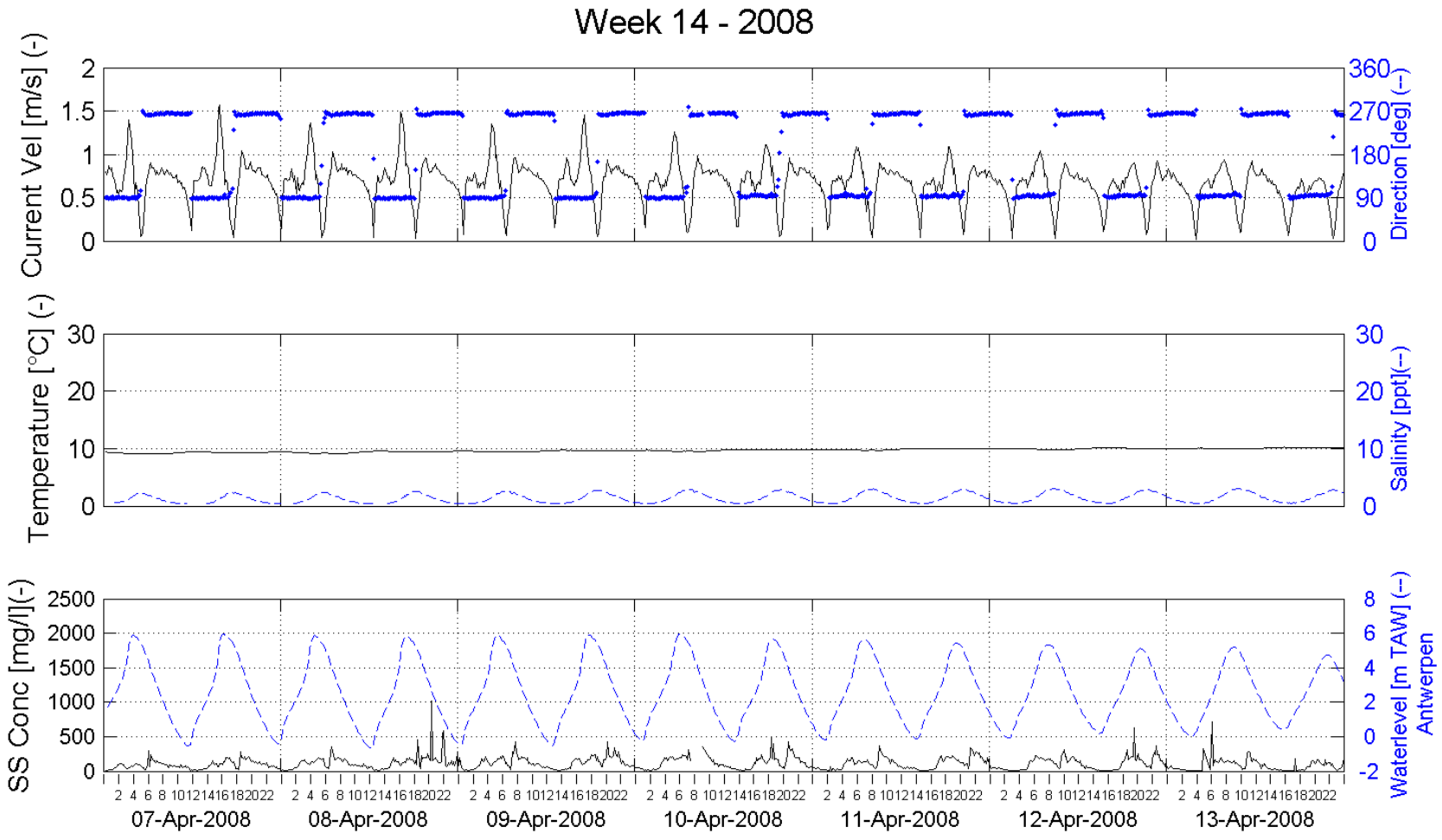
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

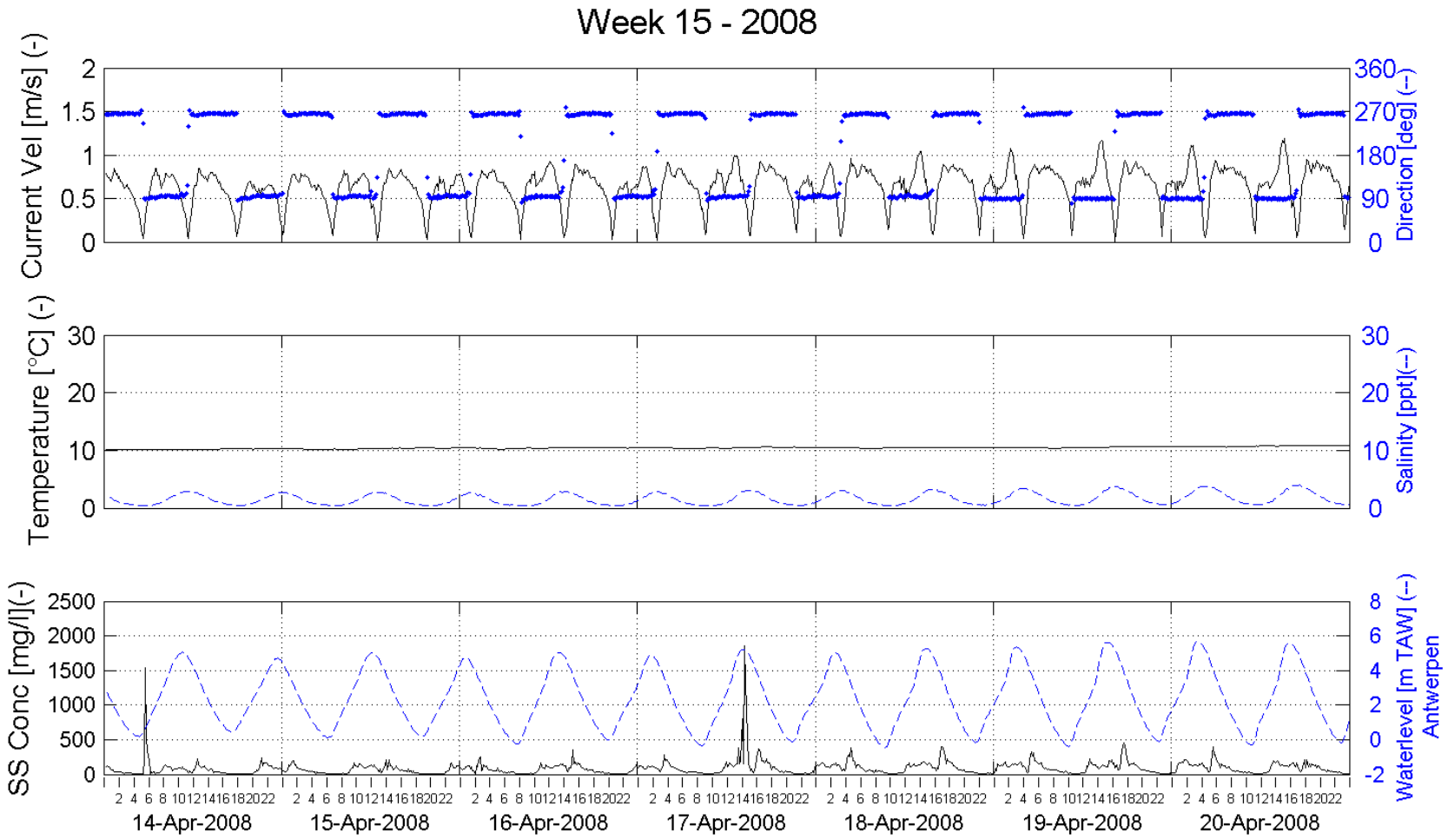
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

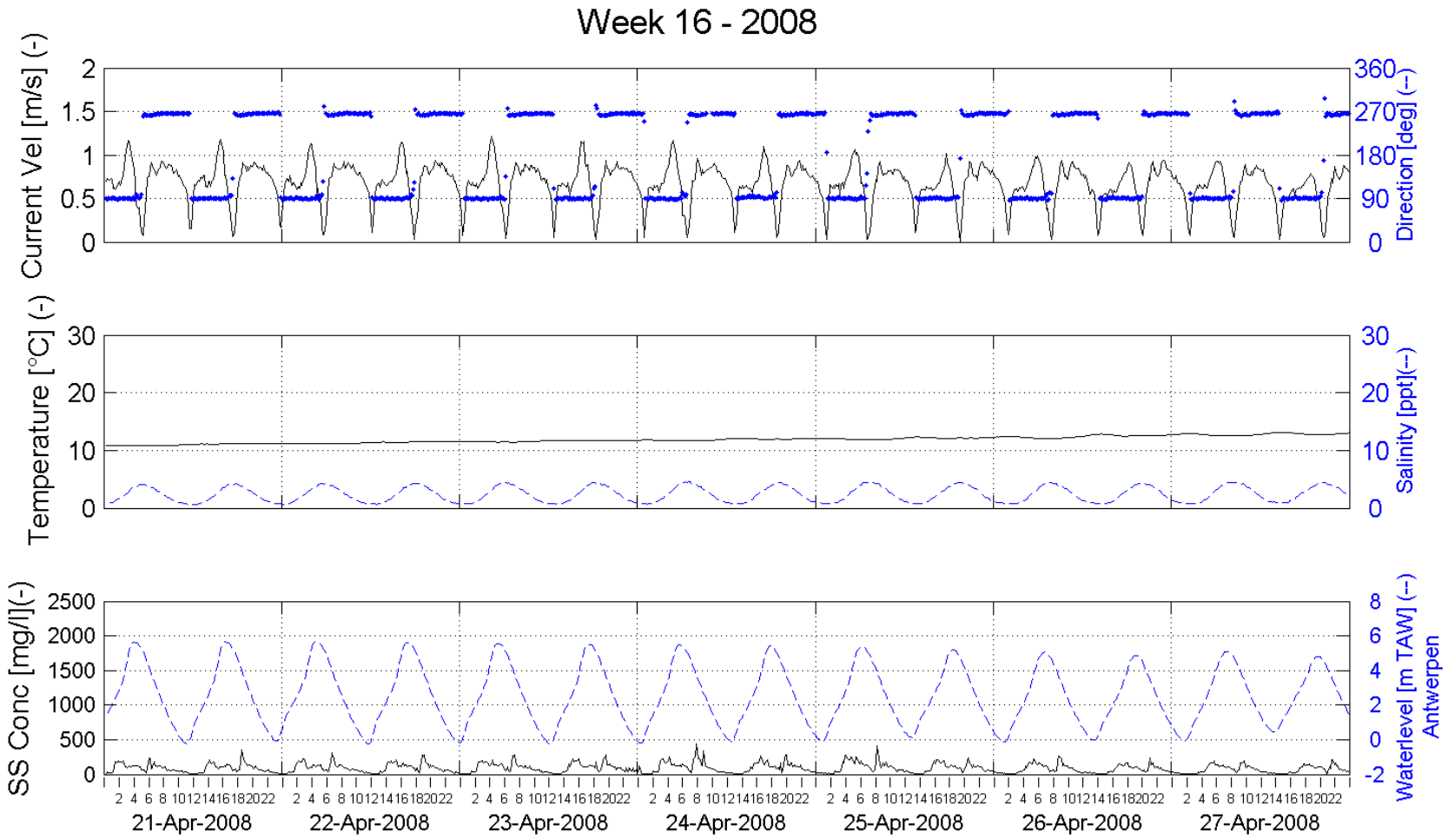
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

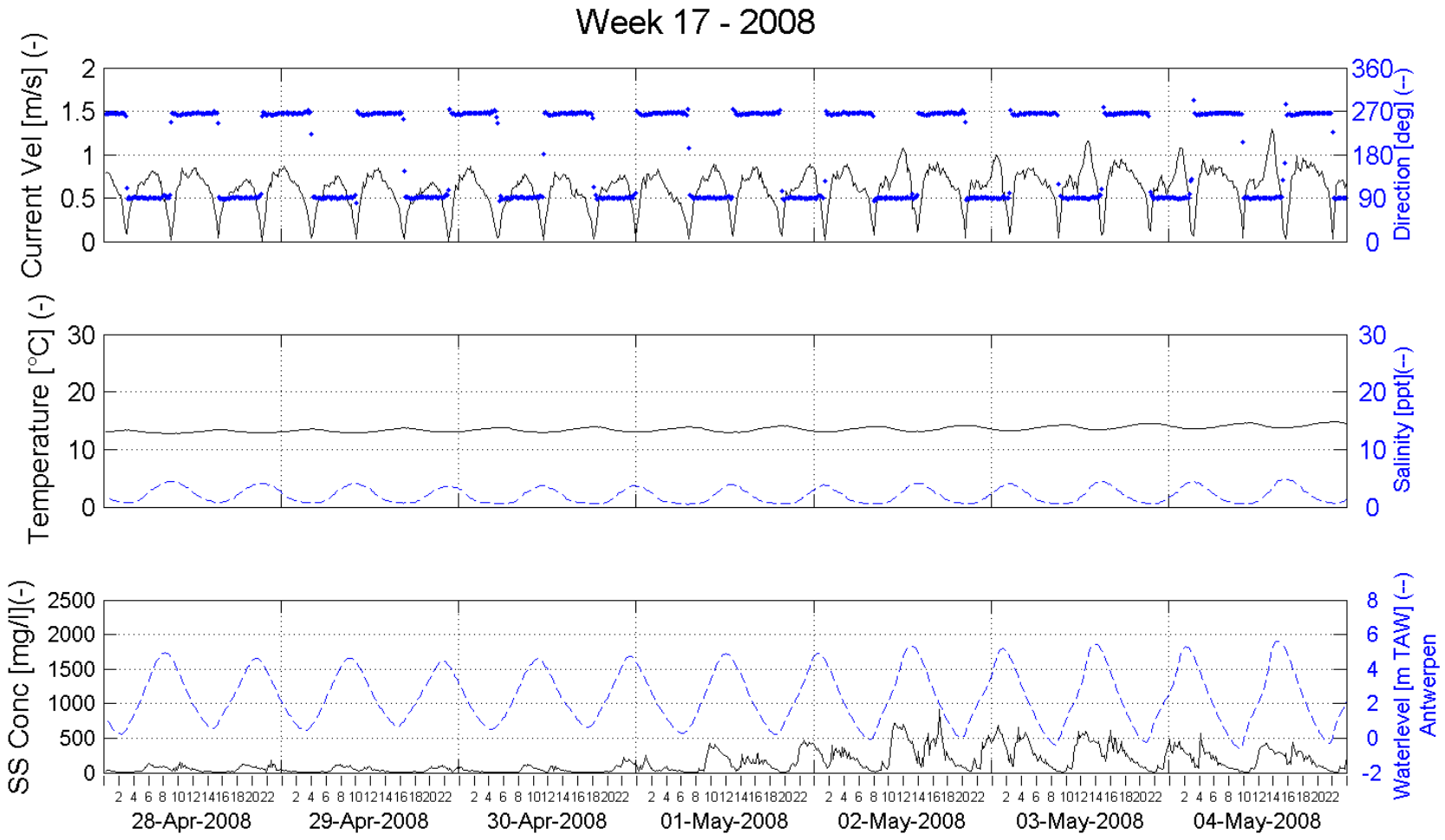
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

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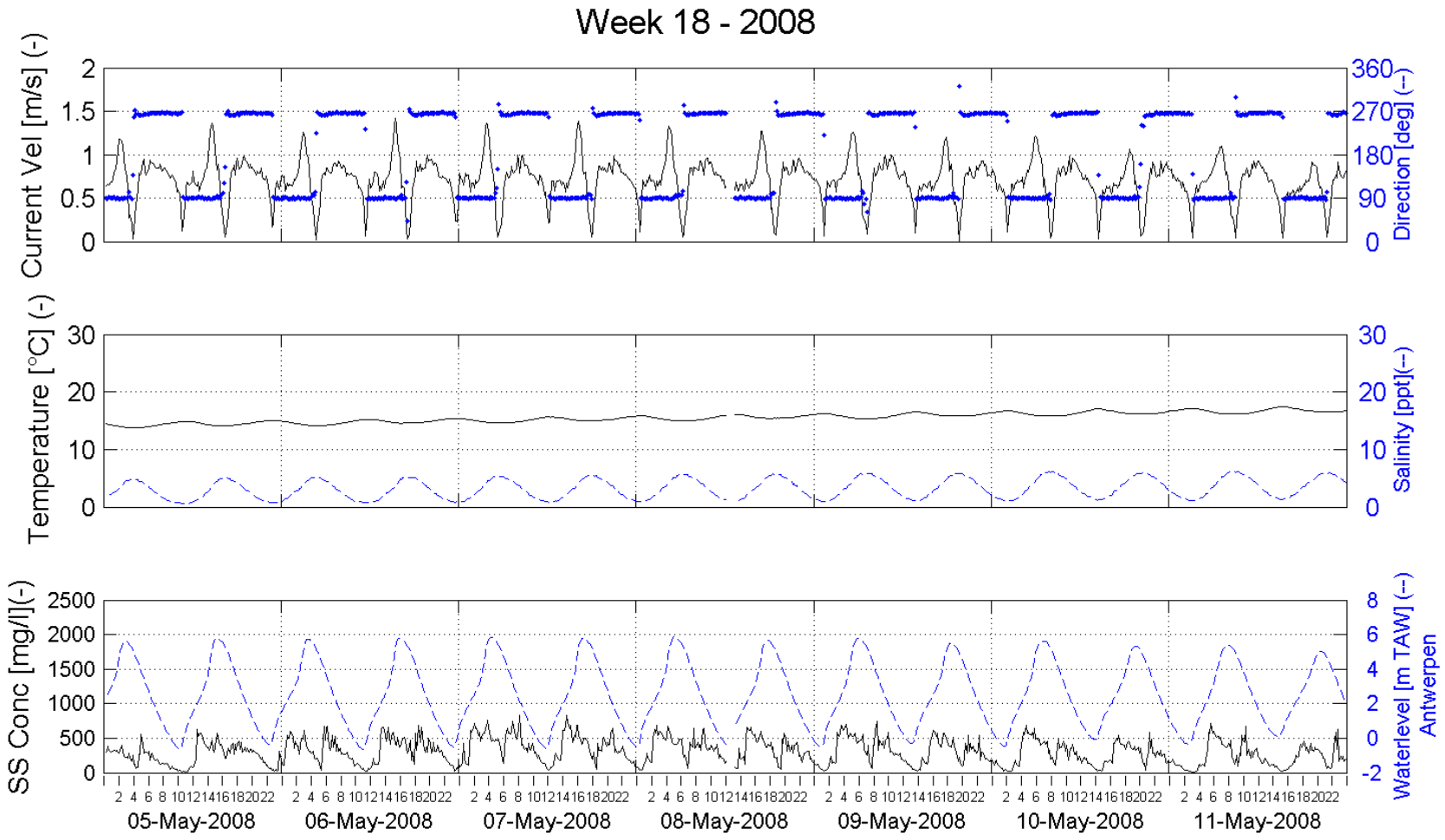
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

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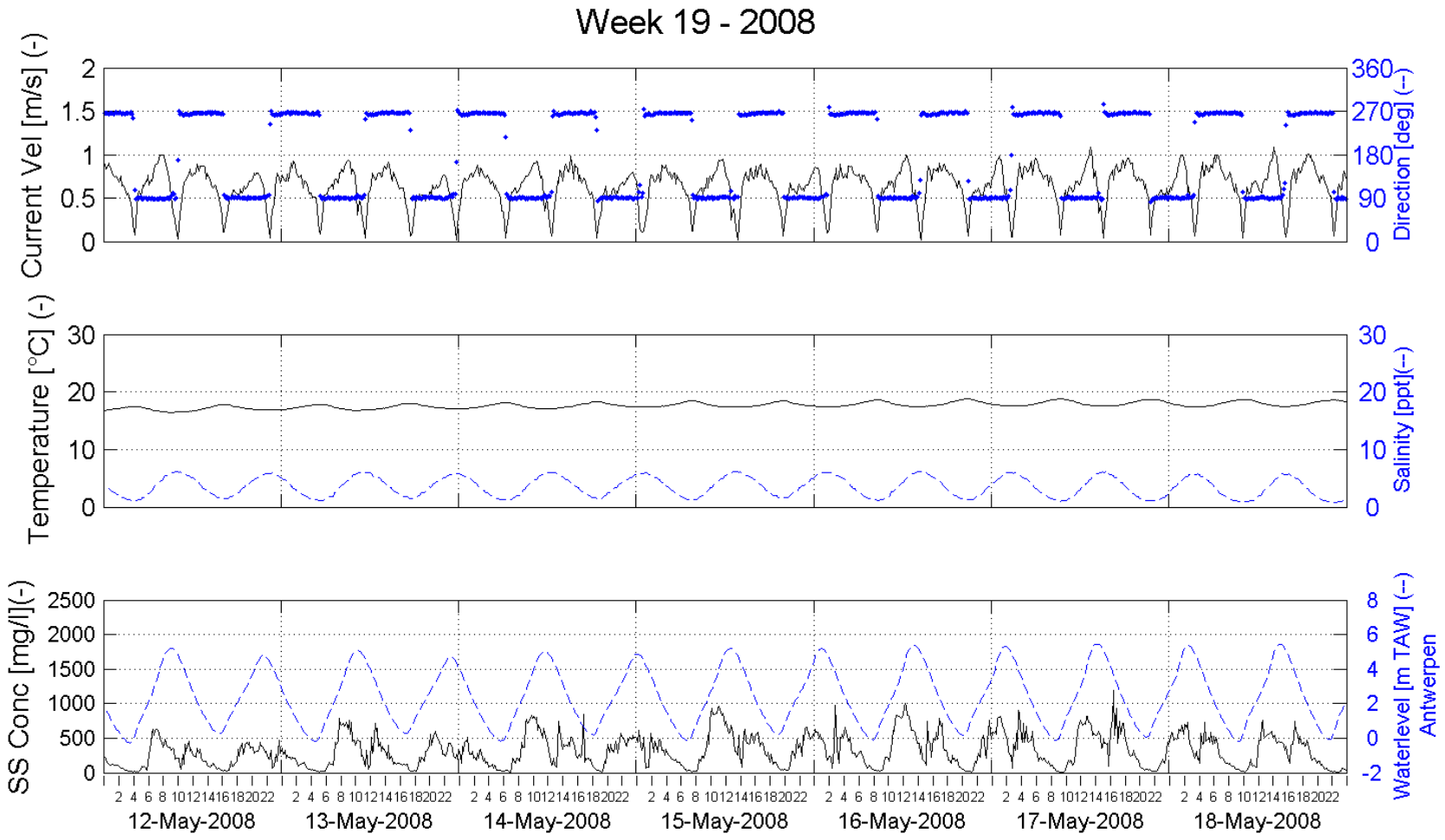

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

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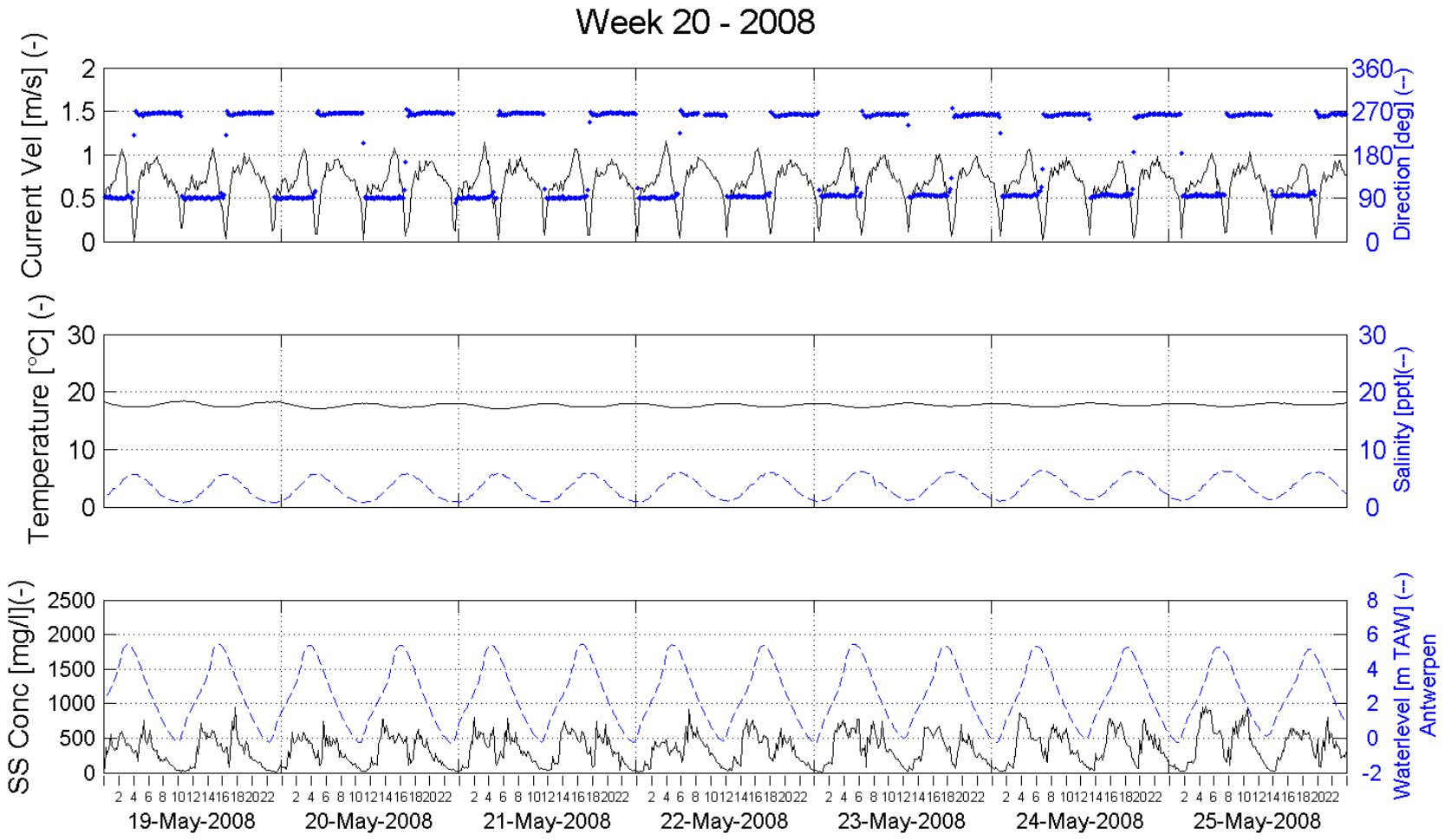
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

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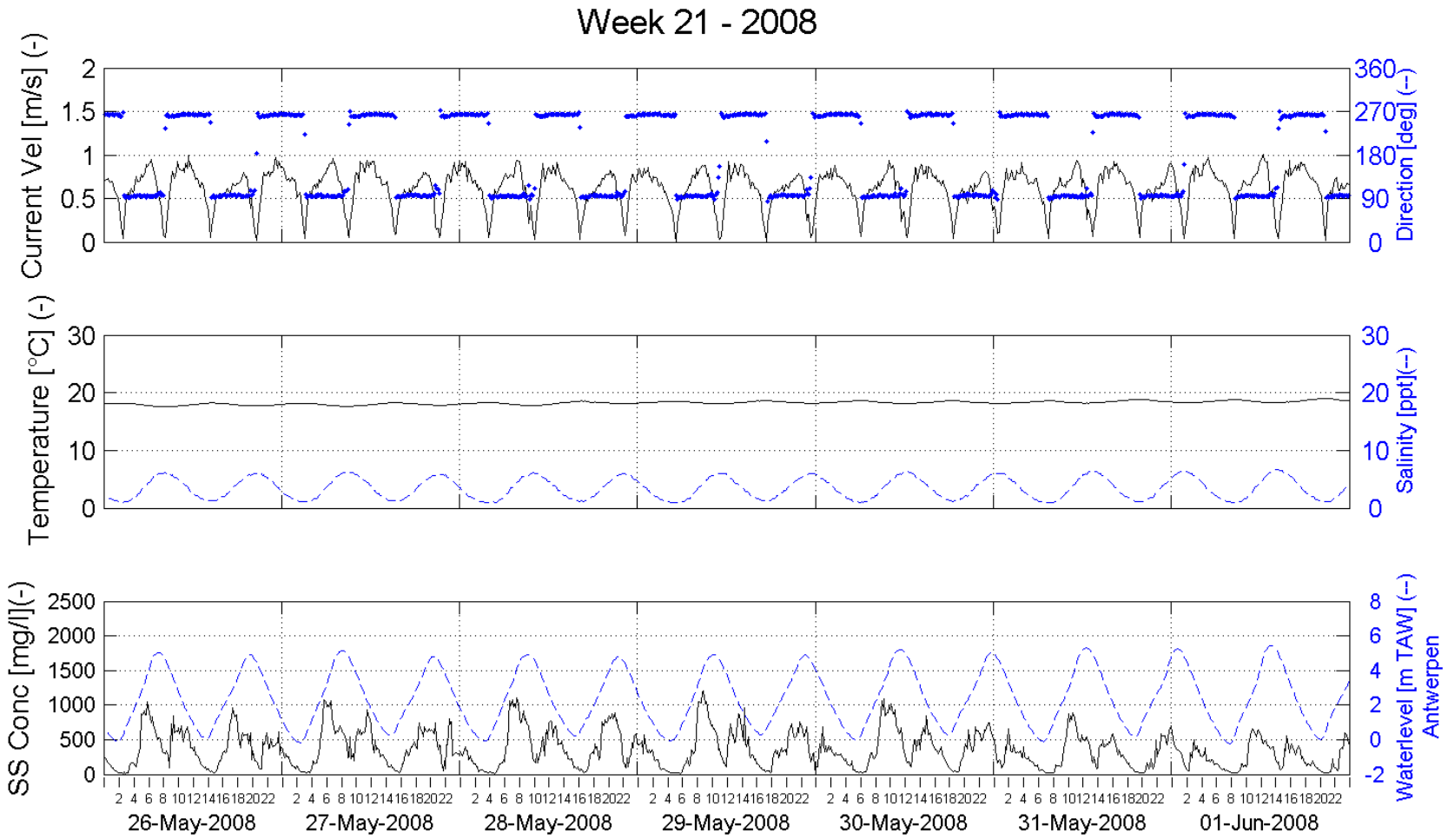
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

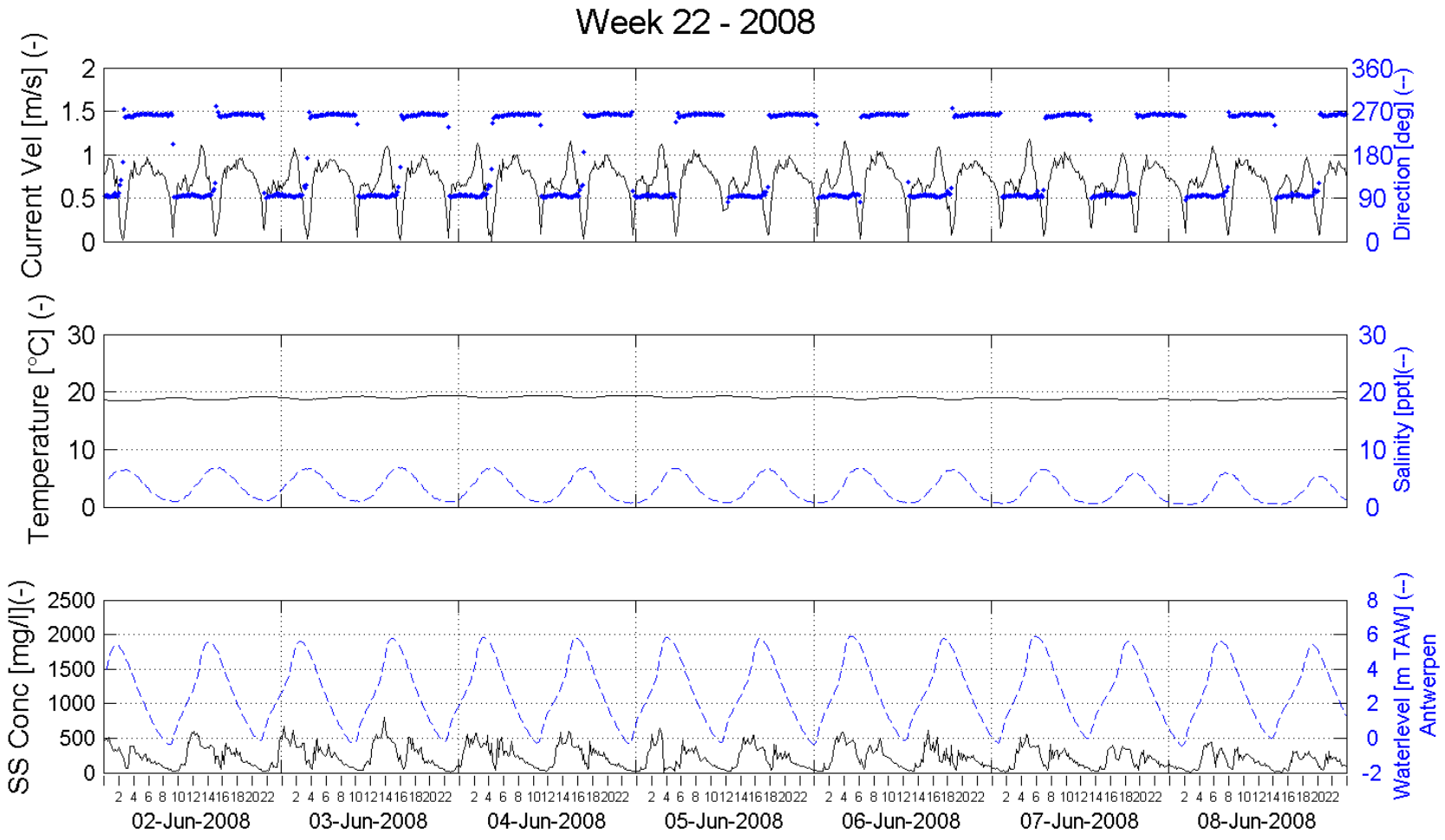
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

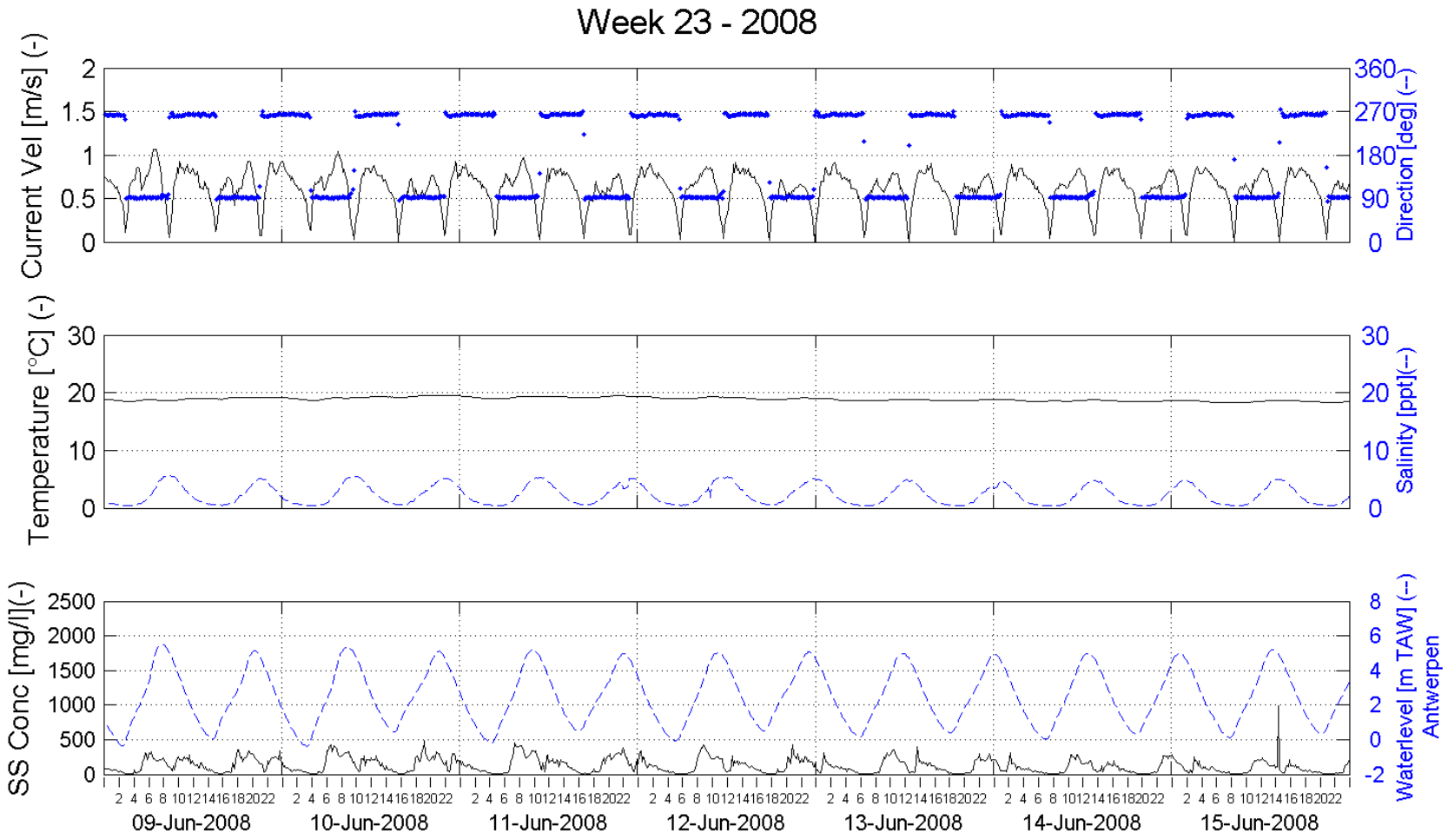
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

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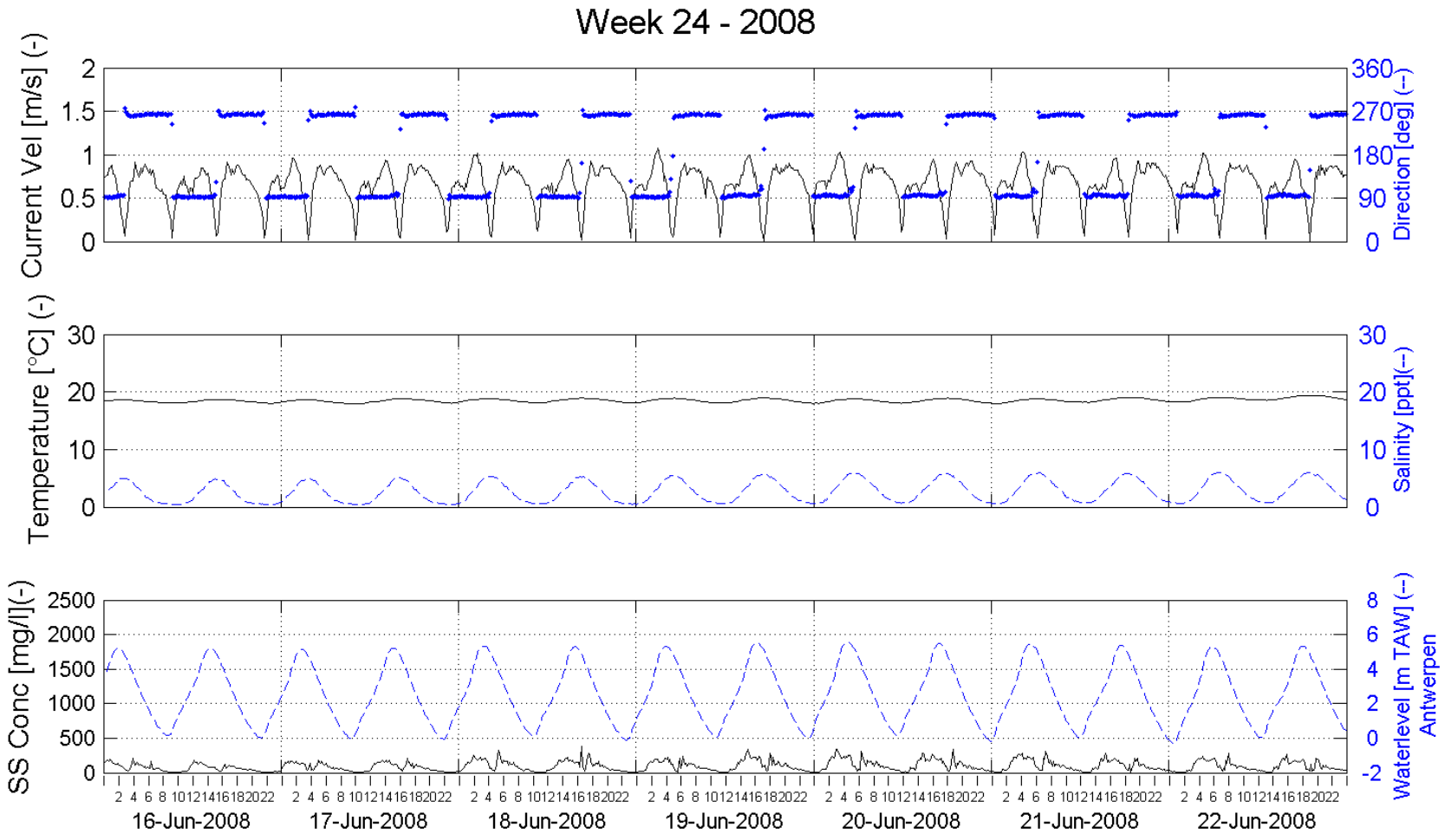
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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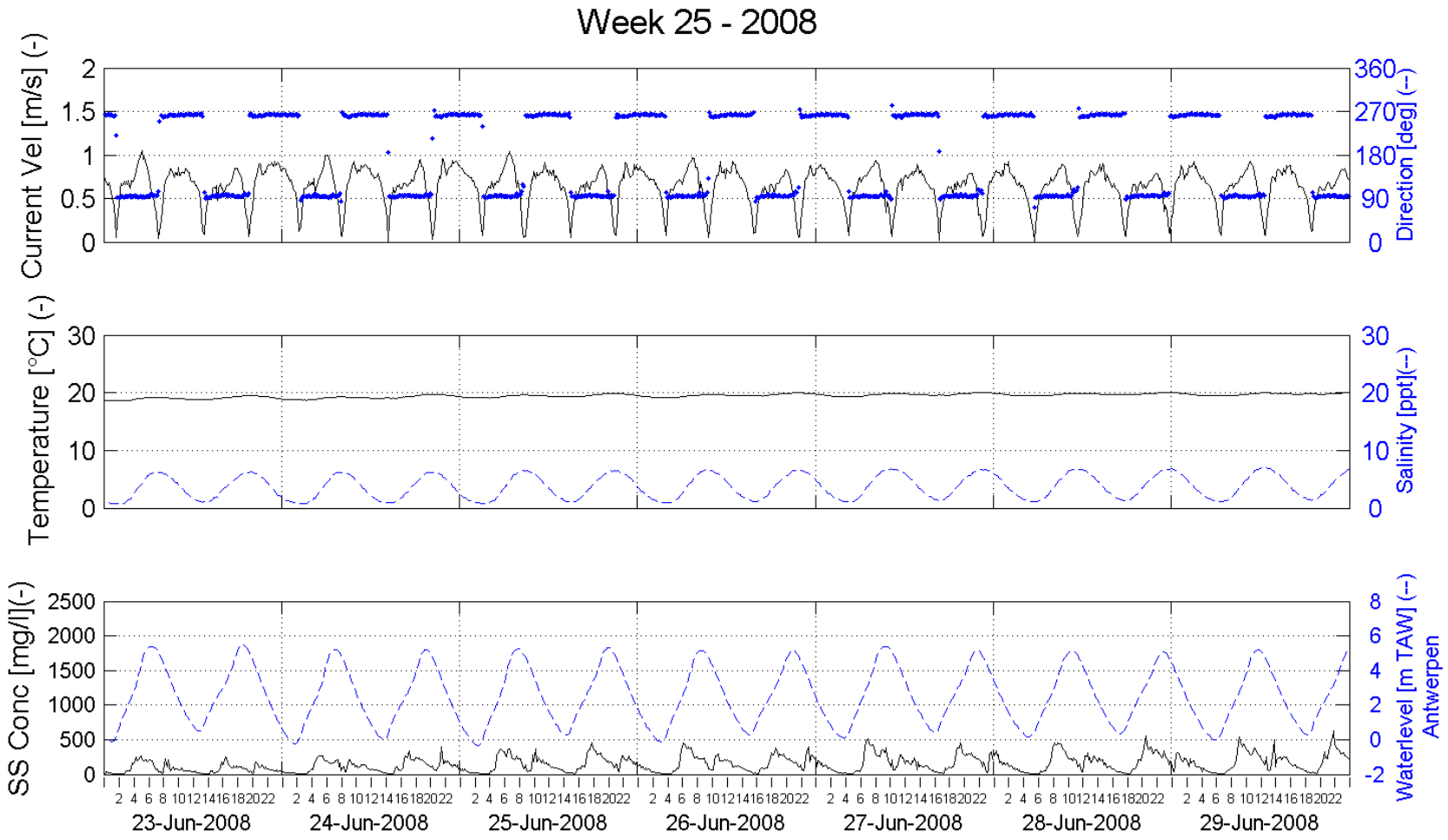
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

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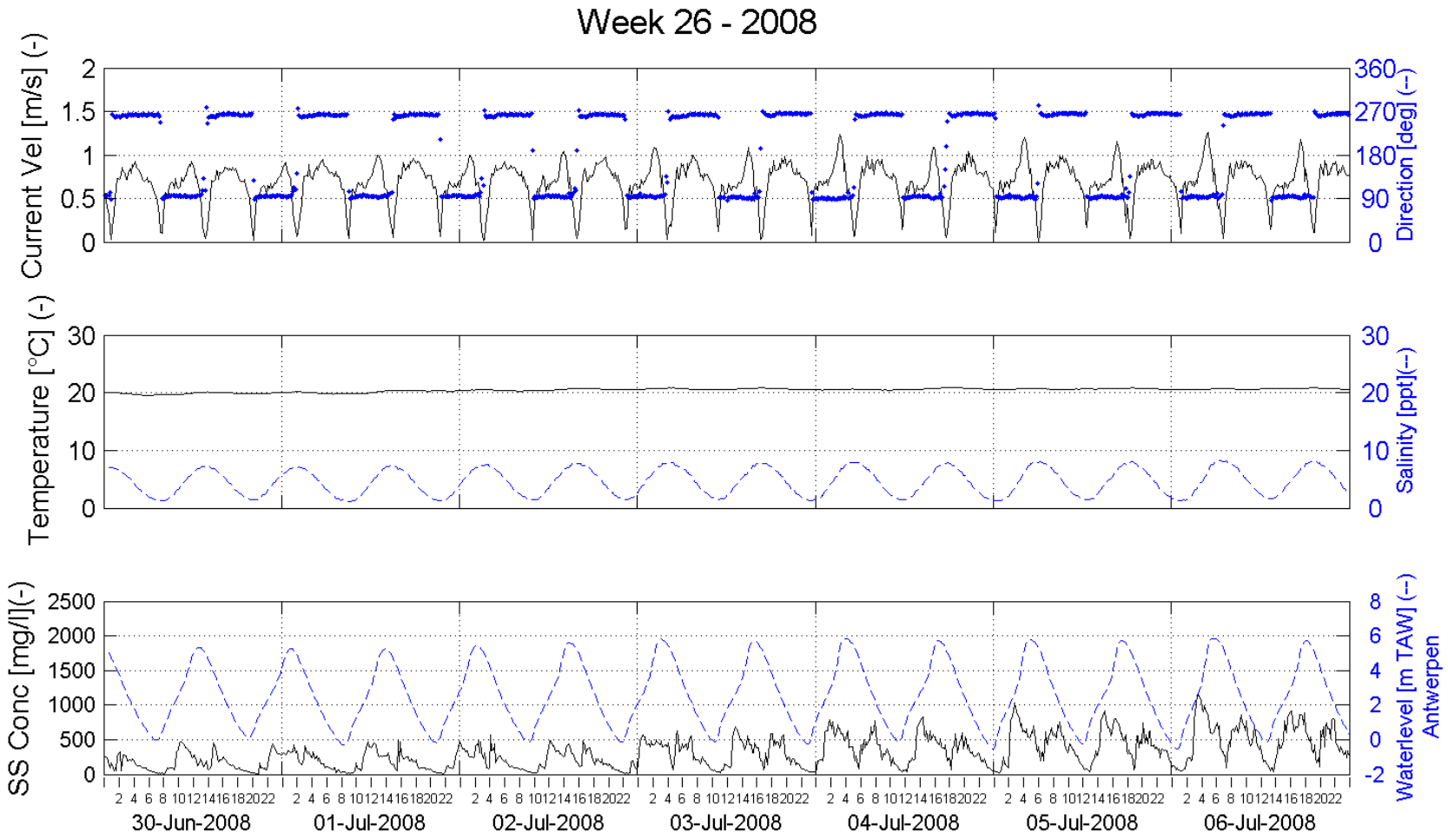

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

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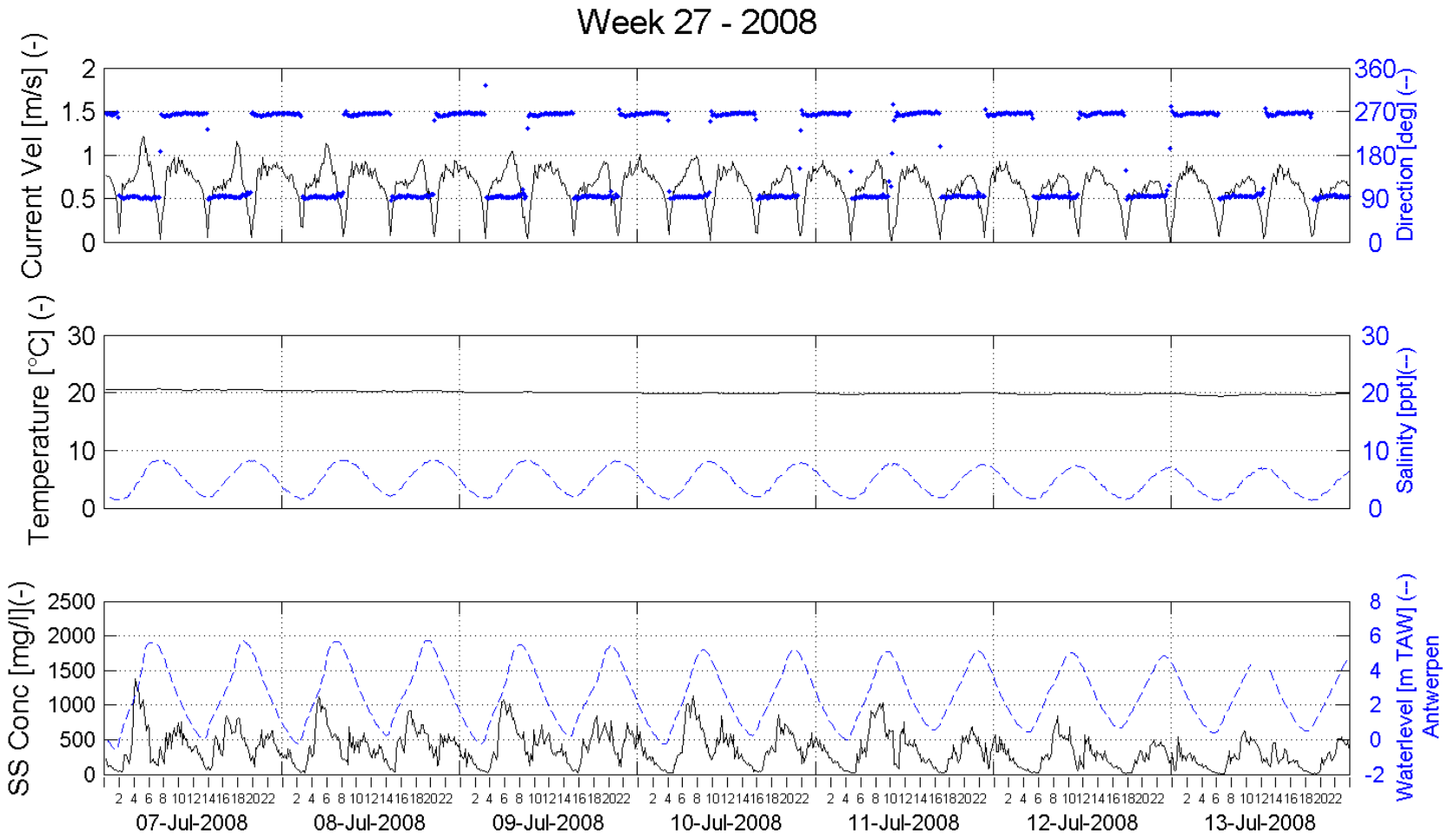

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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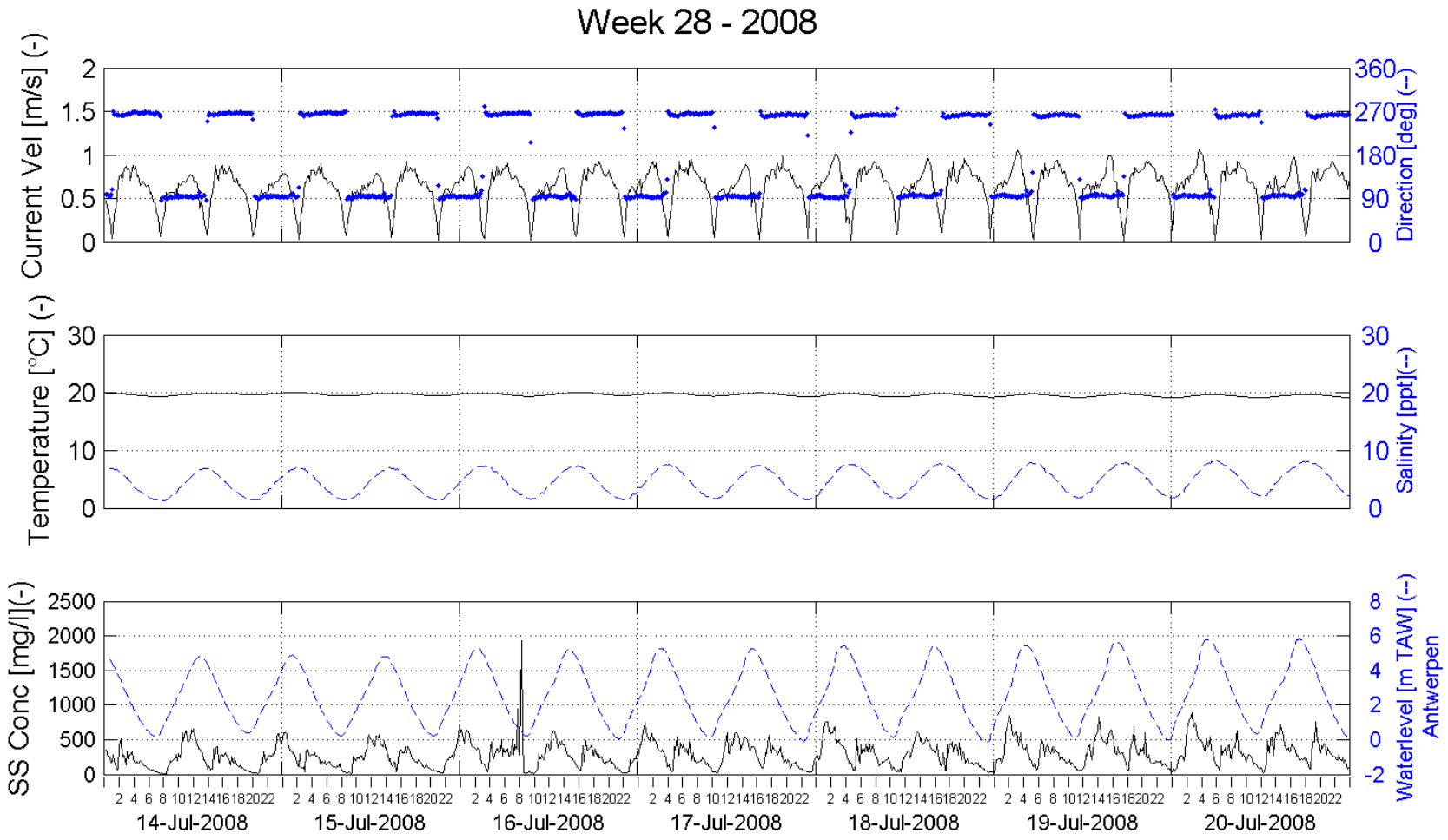

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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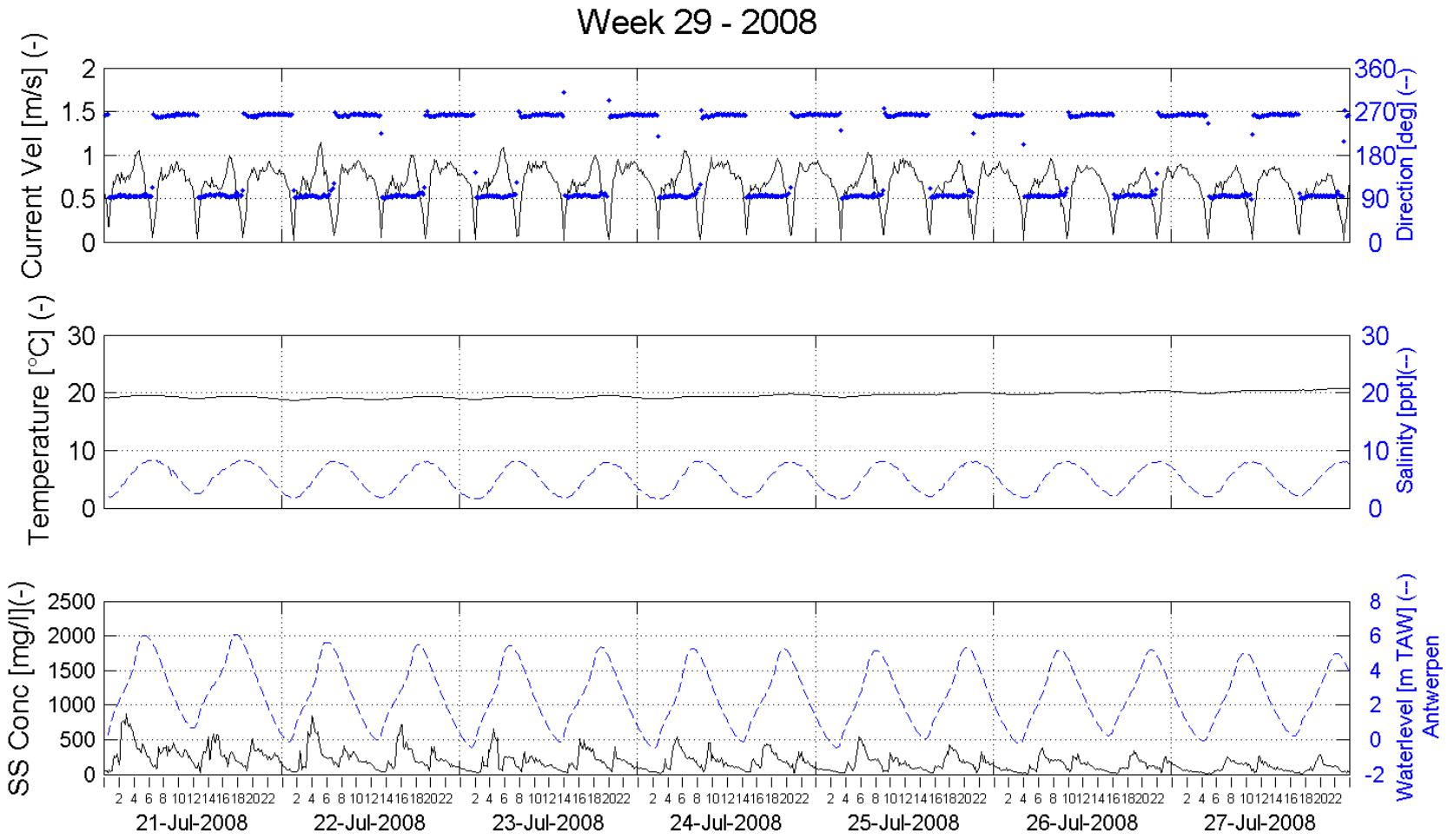

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

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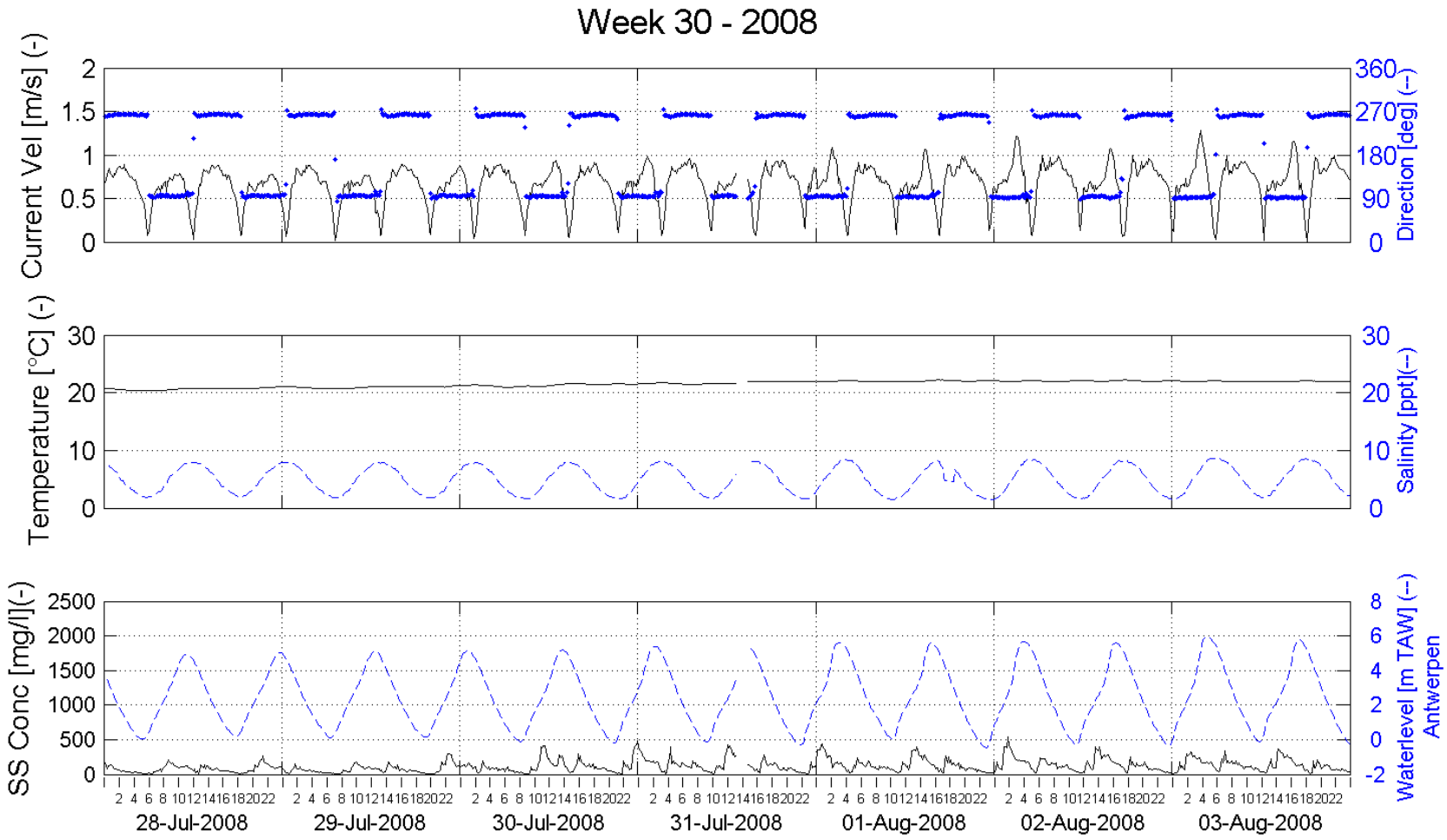

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

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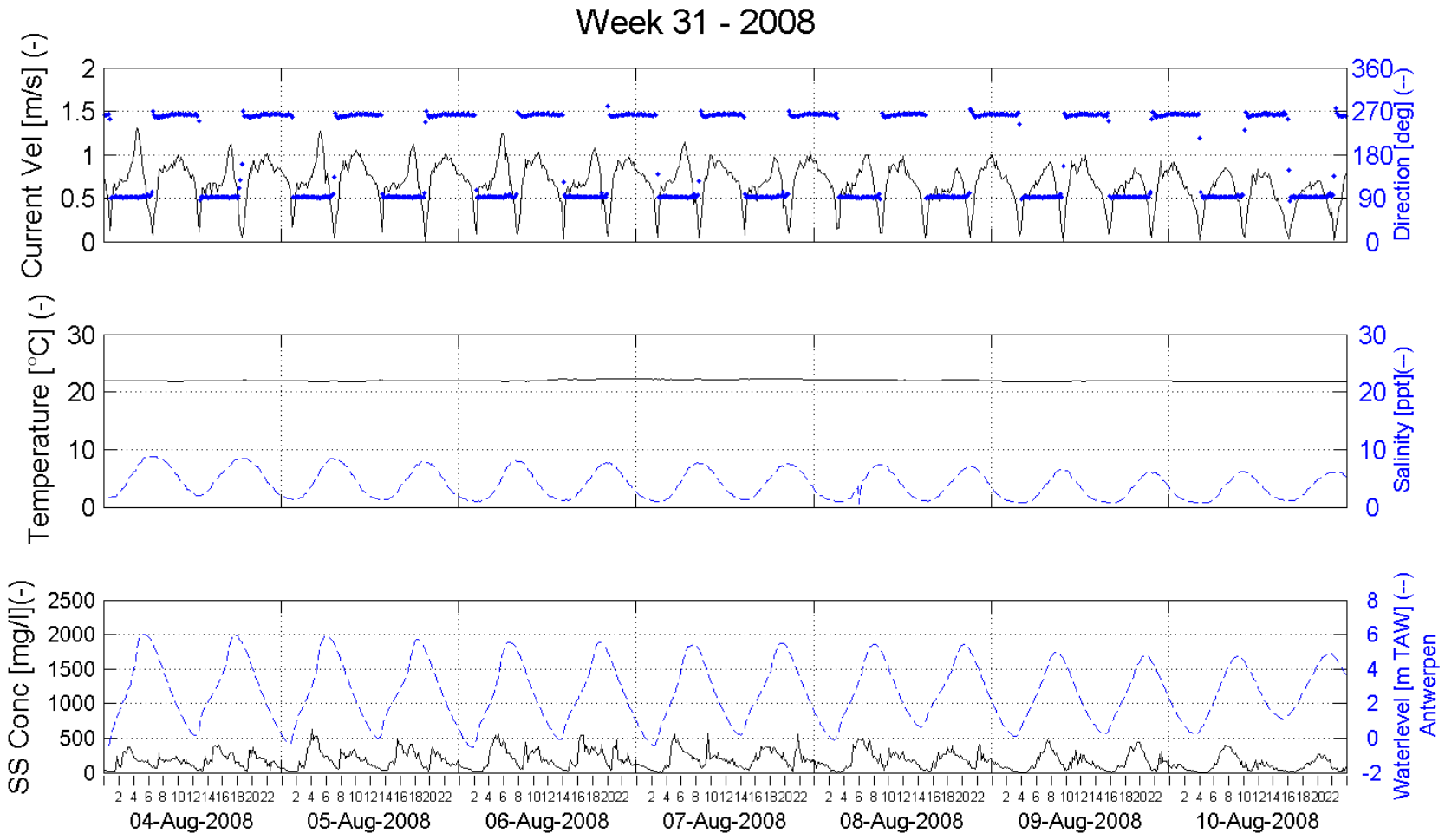
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

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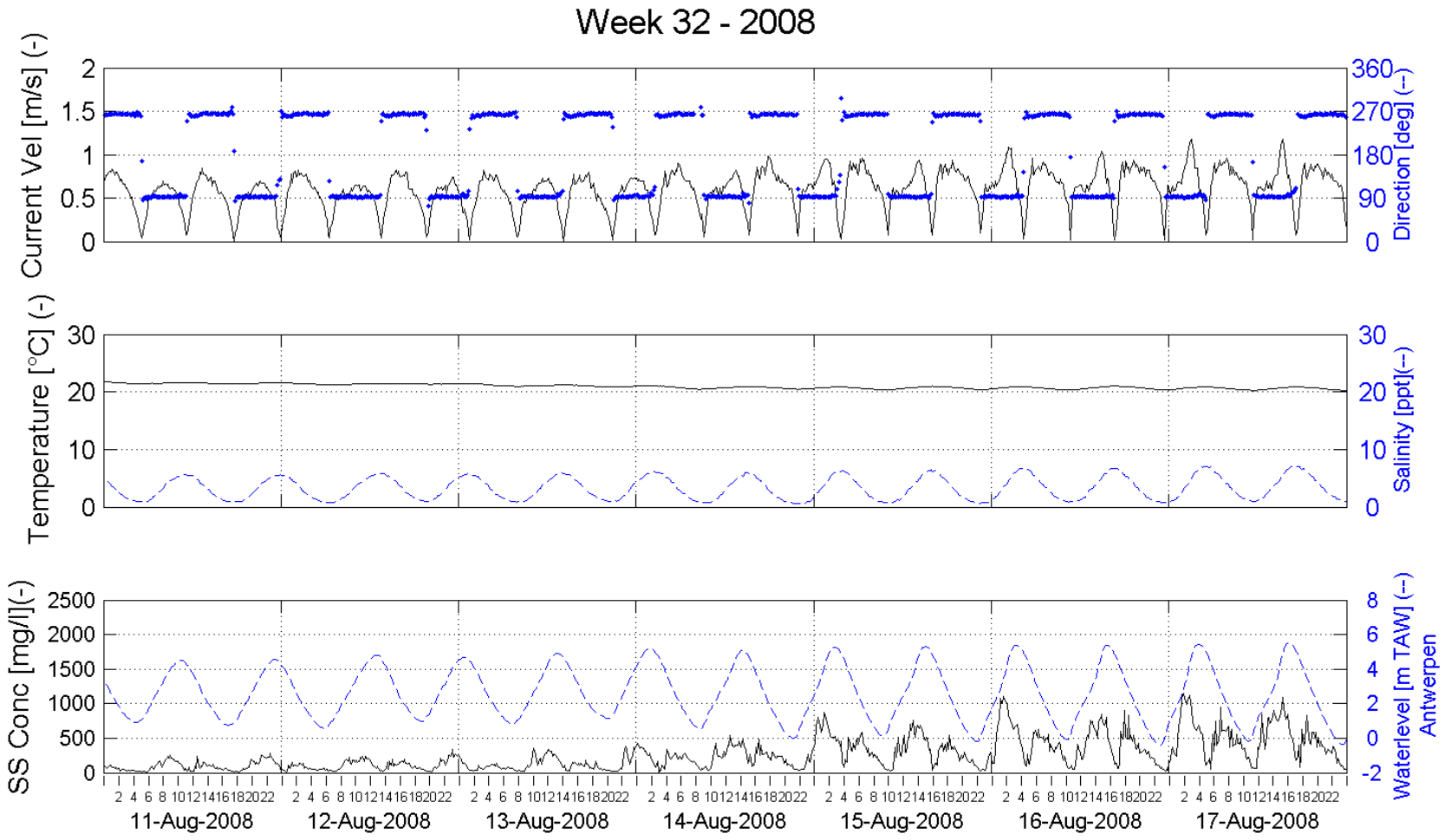

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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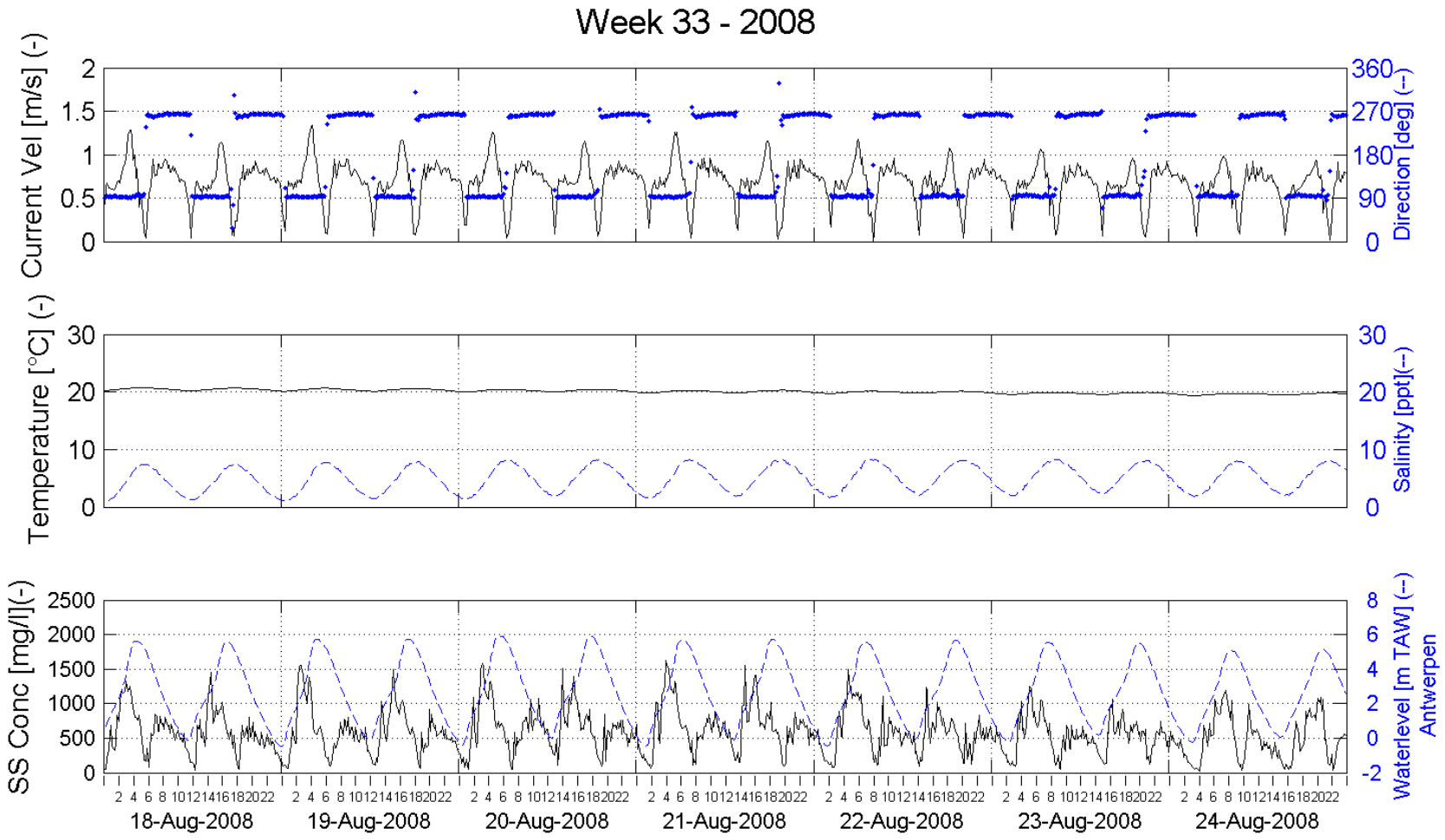

Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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IMDC

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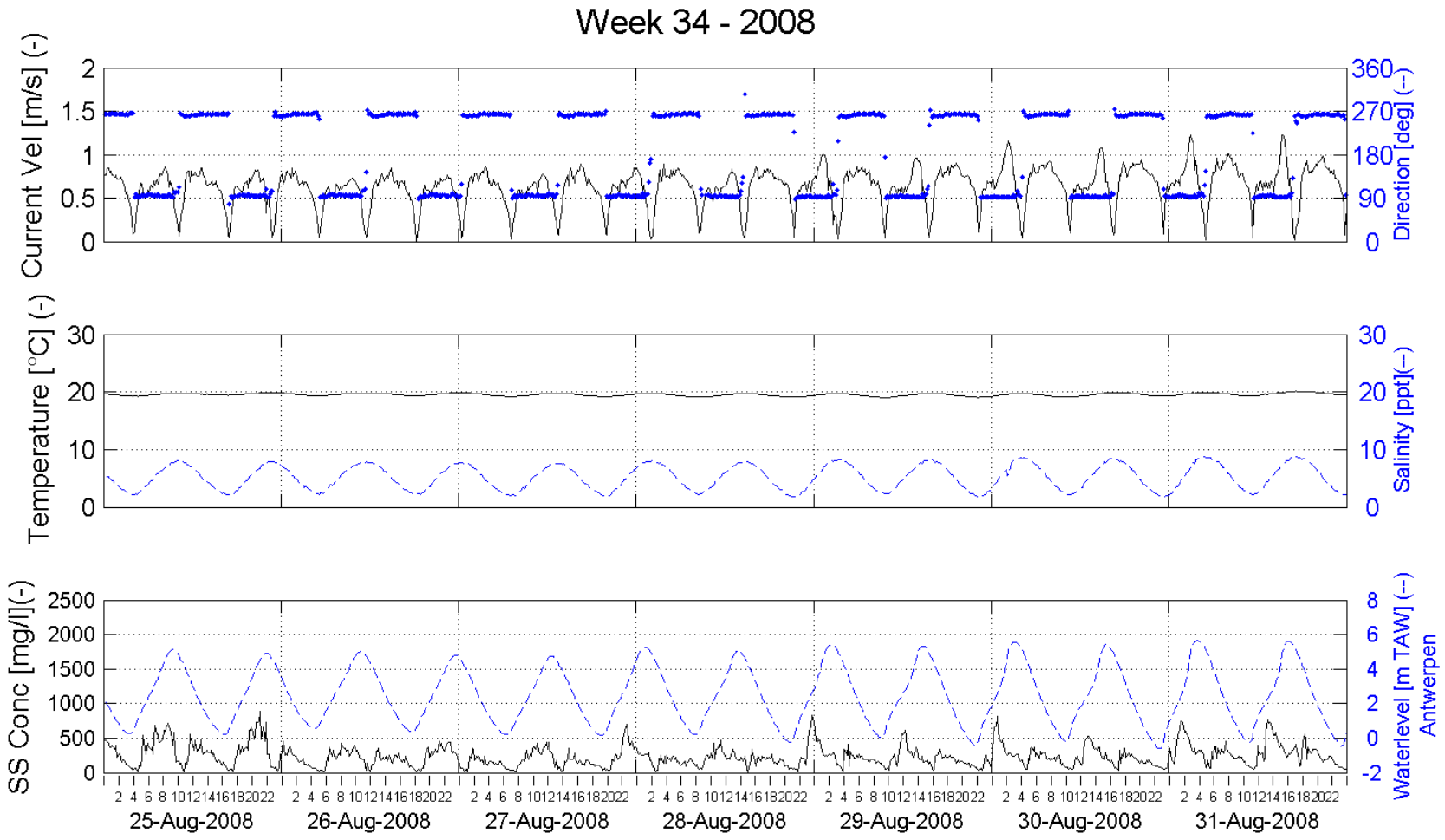
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

Oosterweel (left bank) - 4.5m above bottom (-1.98m TAW)

Processed by:

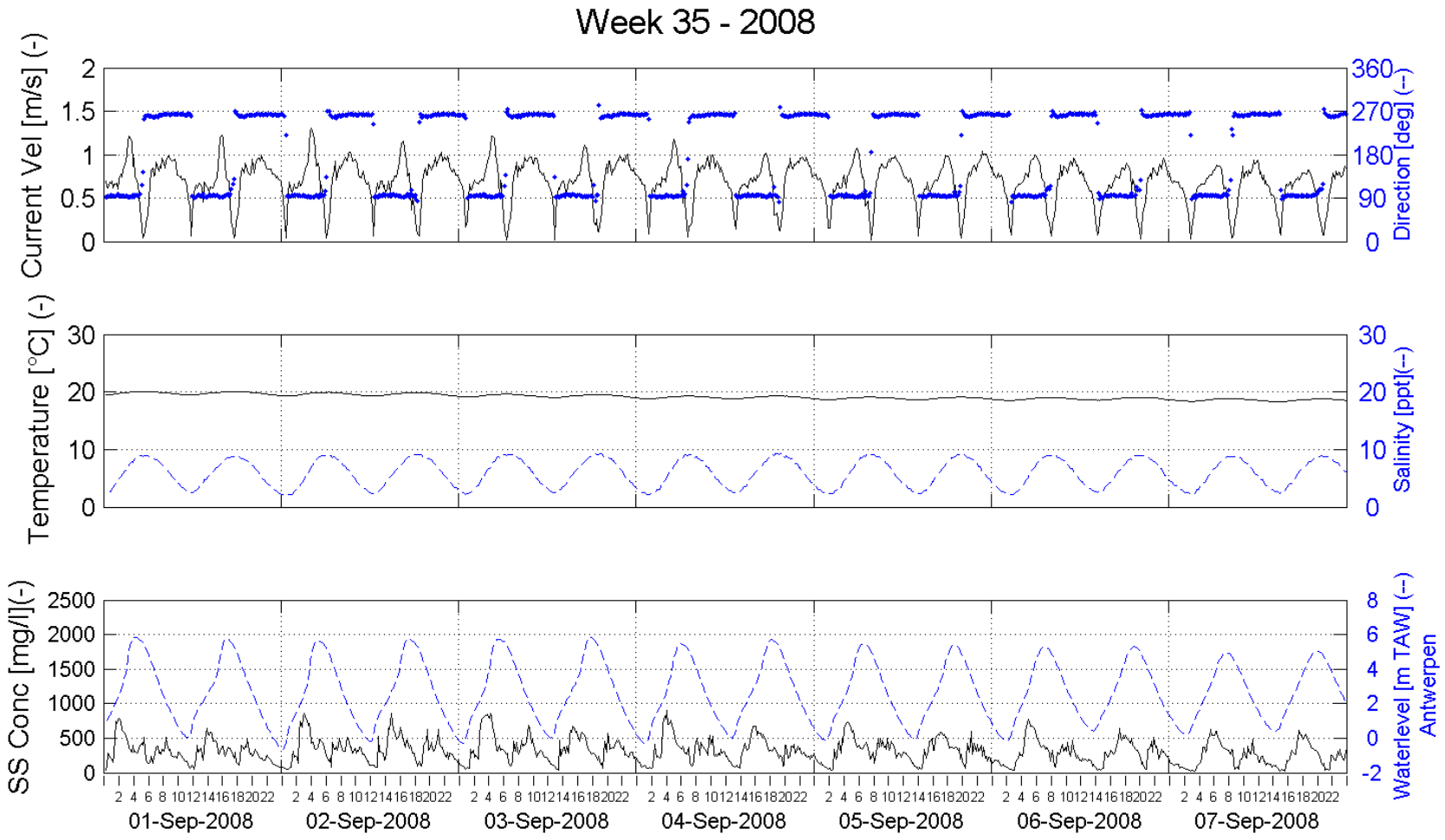
IMDC

International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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IMDC

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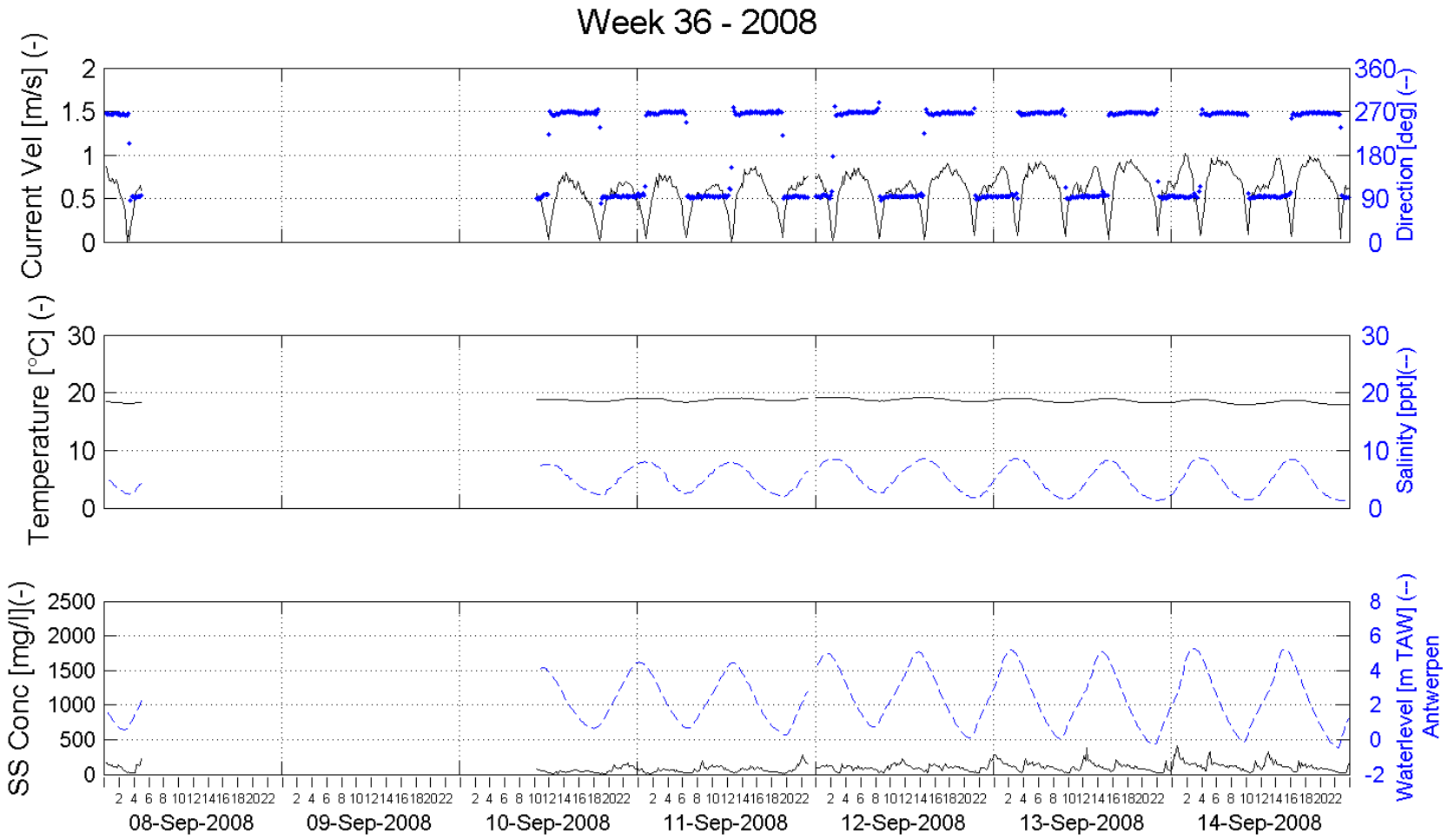
In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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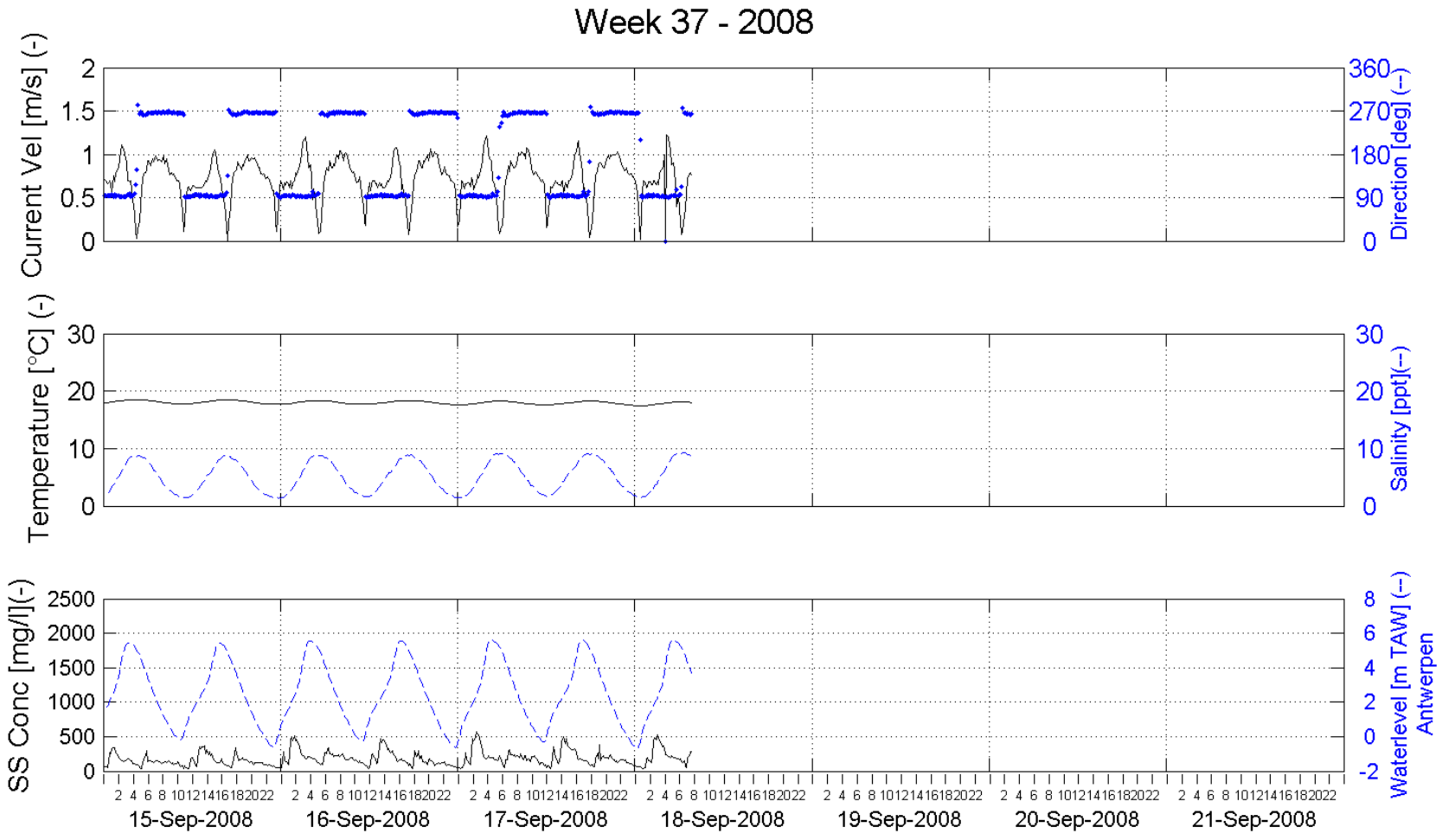
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

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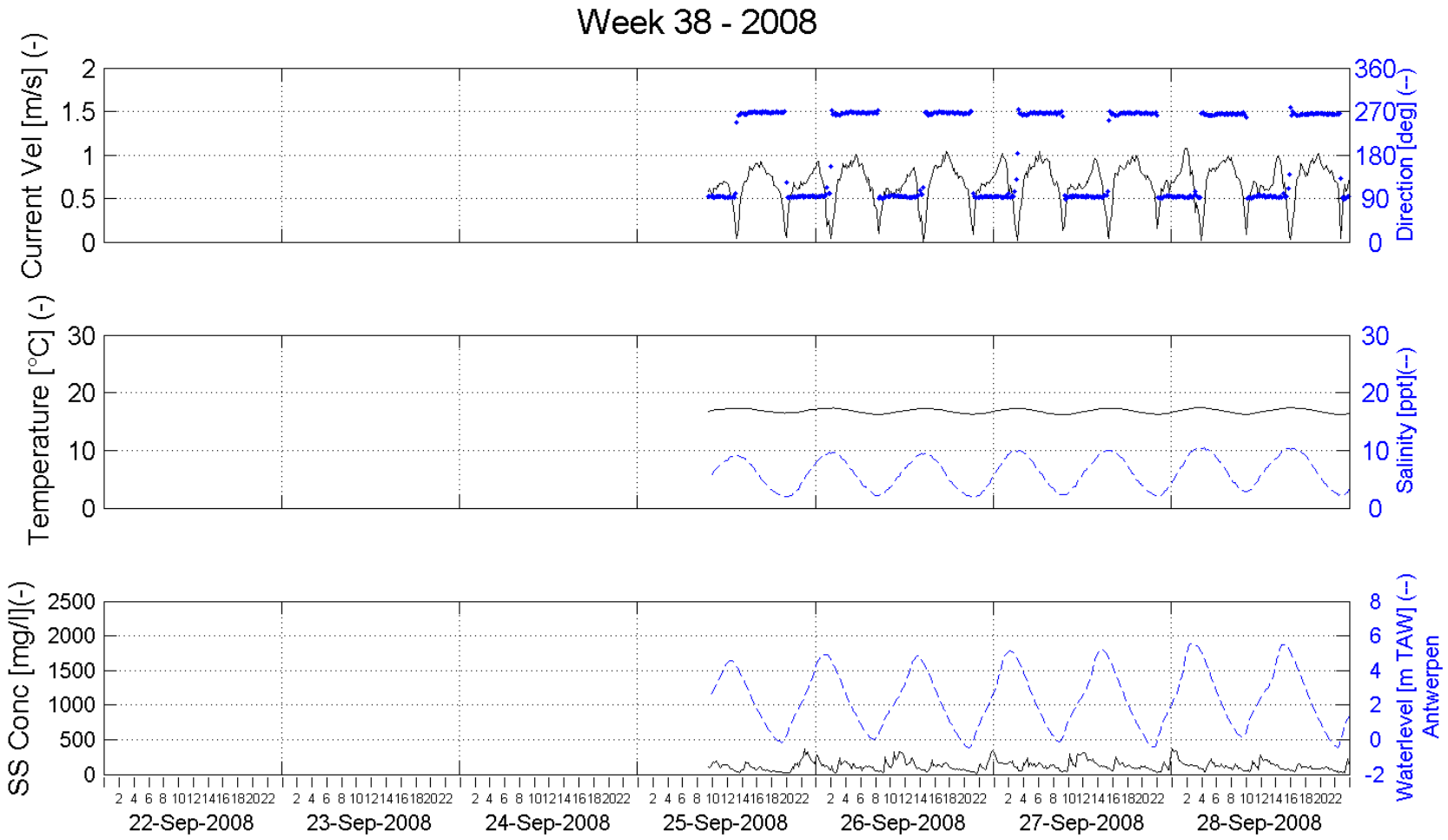
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

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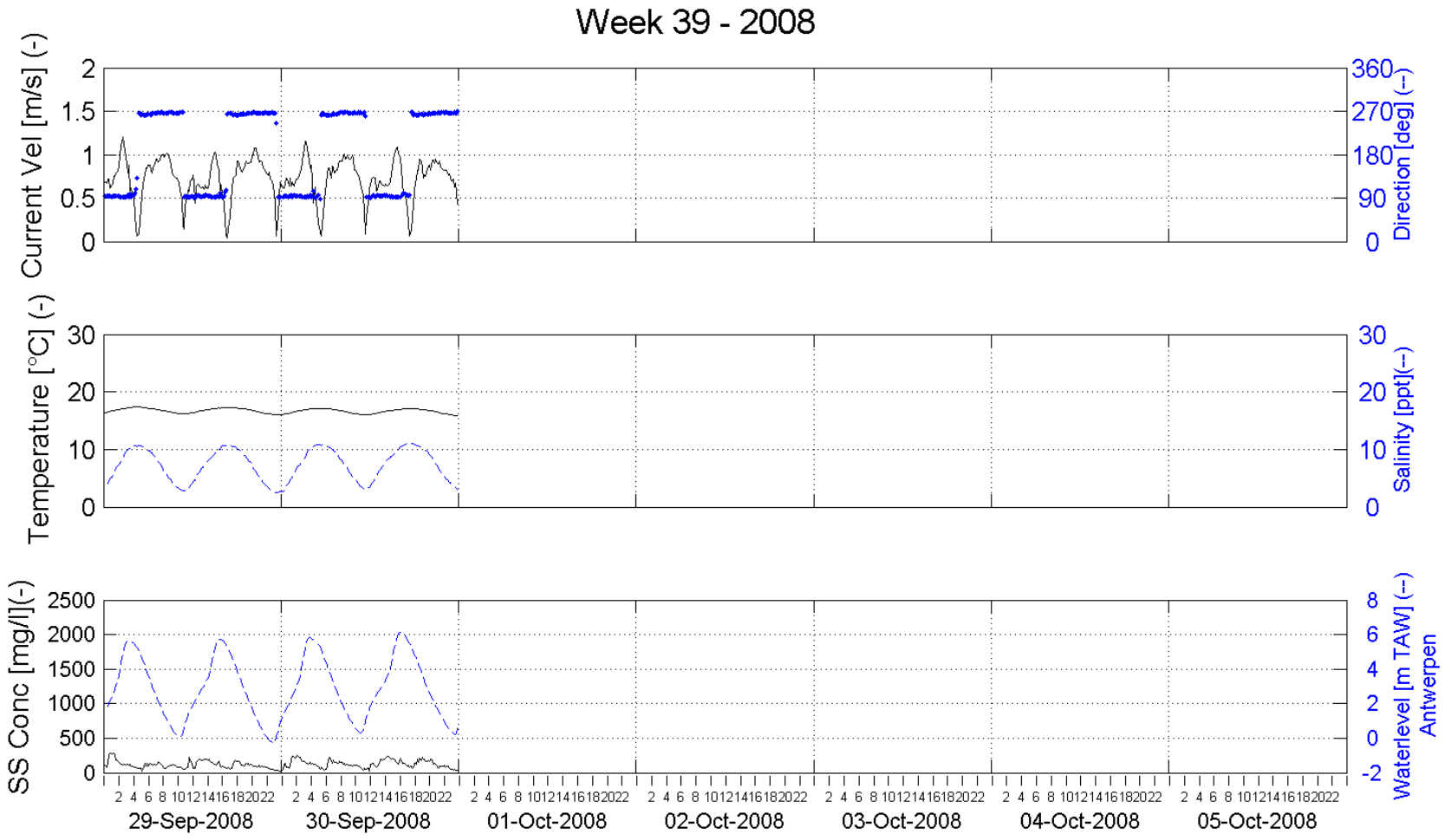
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

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IMDC

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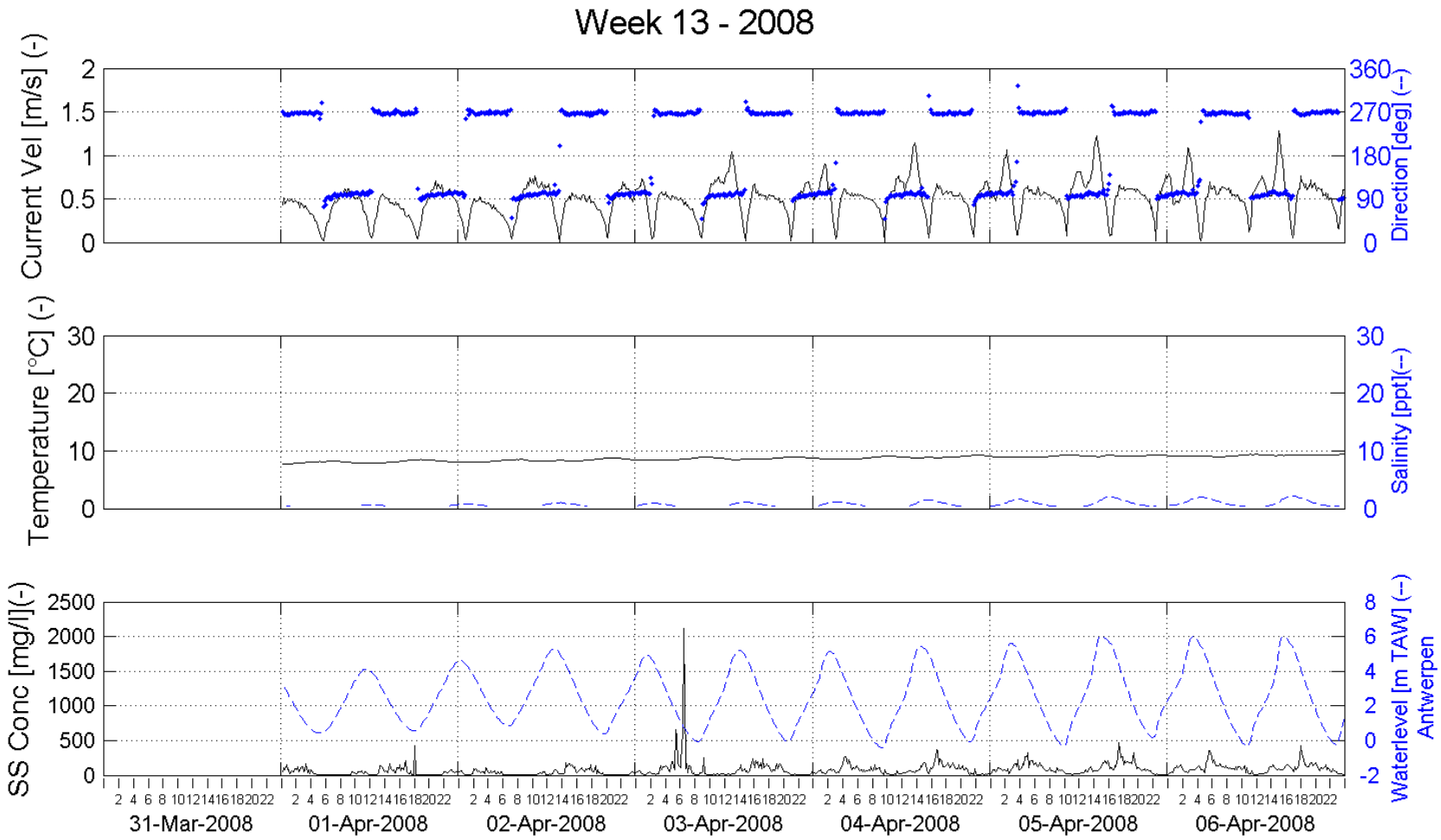
In Association with:

I/RA/11283/08.096/MSA

C.1.2. Oosterweel left bank bottom

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

Location:

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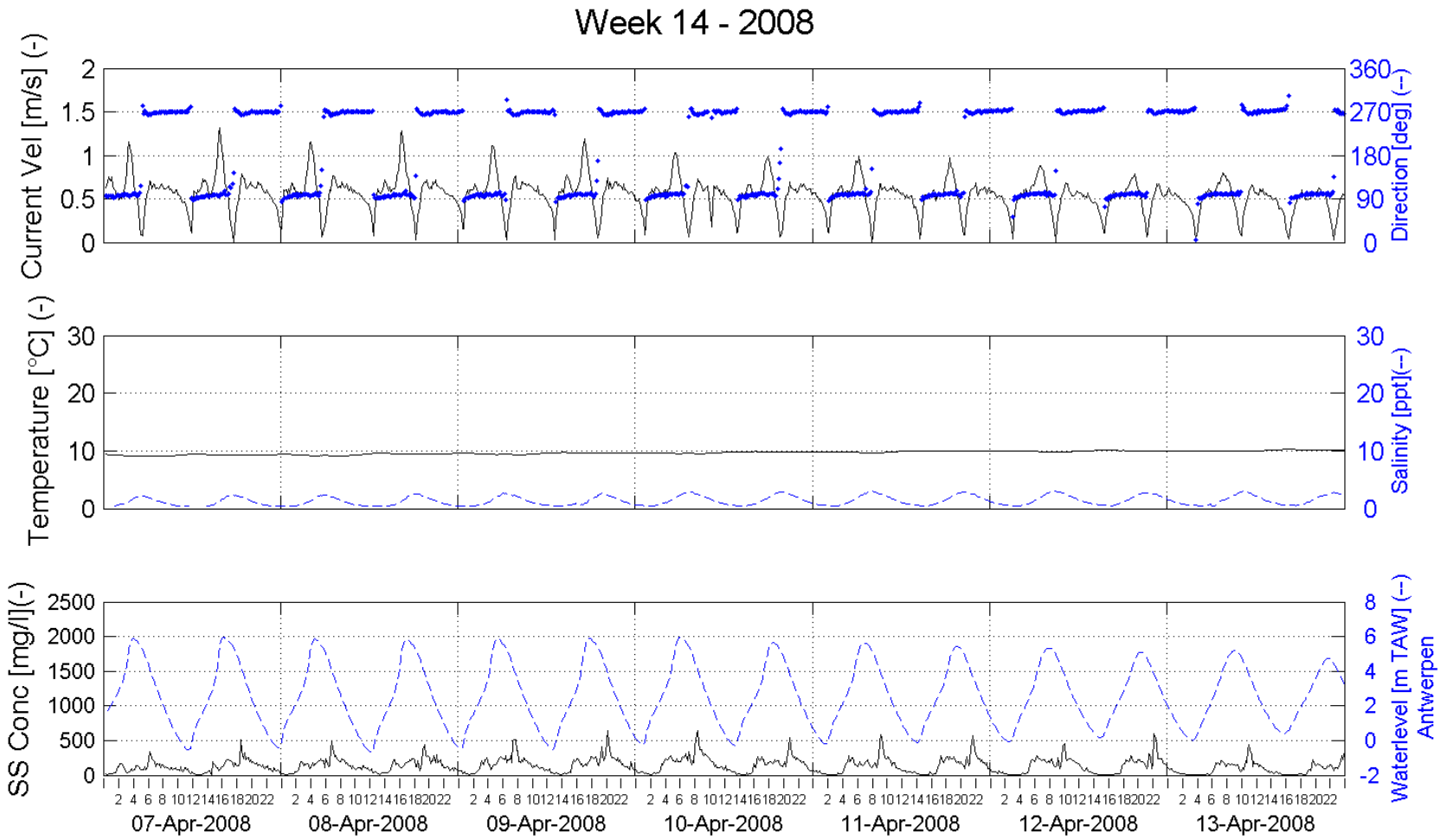
I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



Week series Current Velocity, Current Direction, Temperature, Salinity, SS Concentration and Tide

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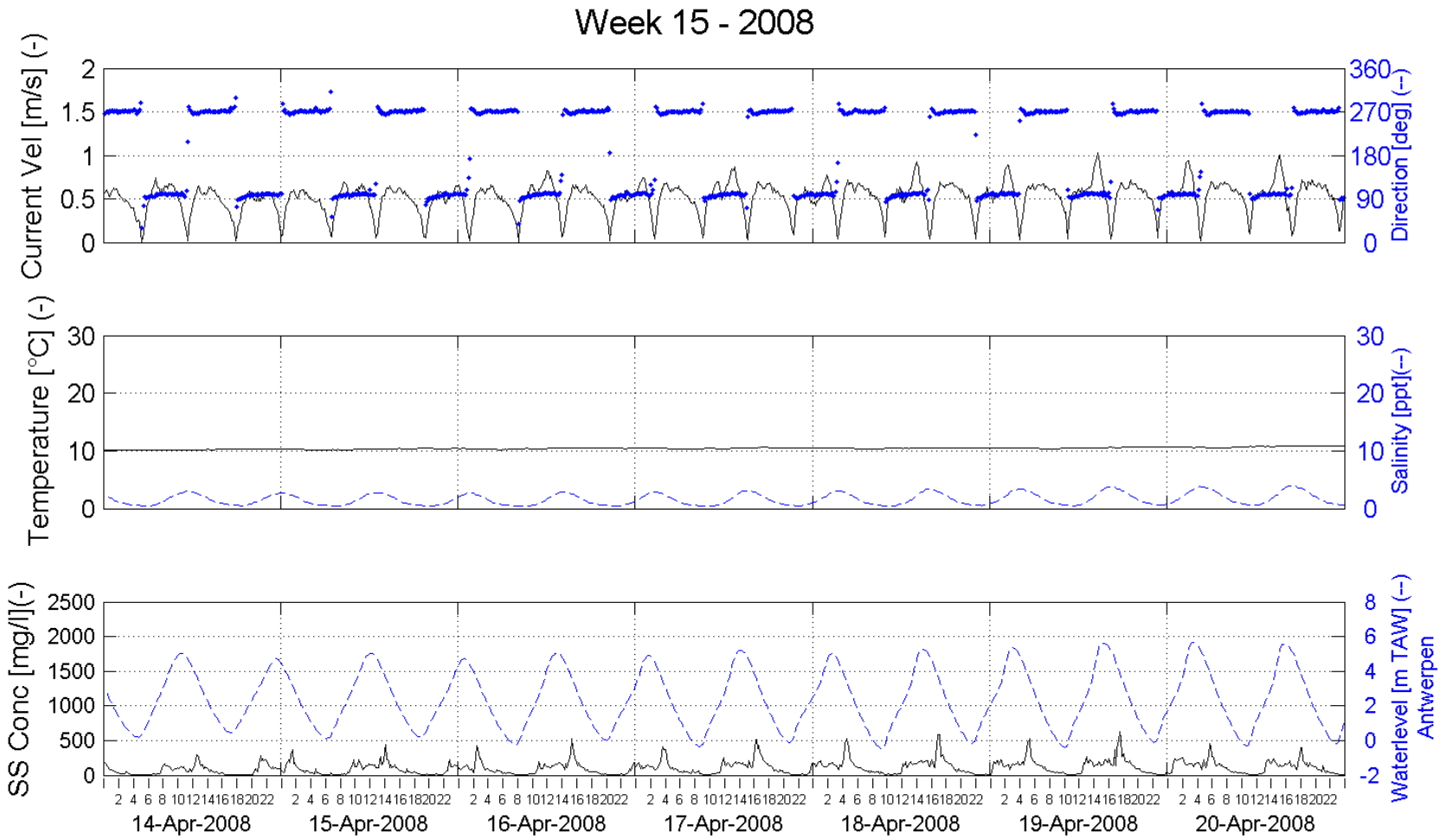
Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008



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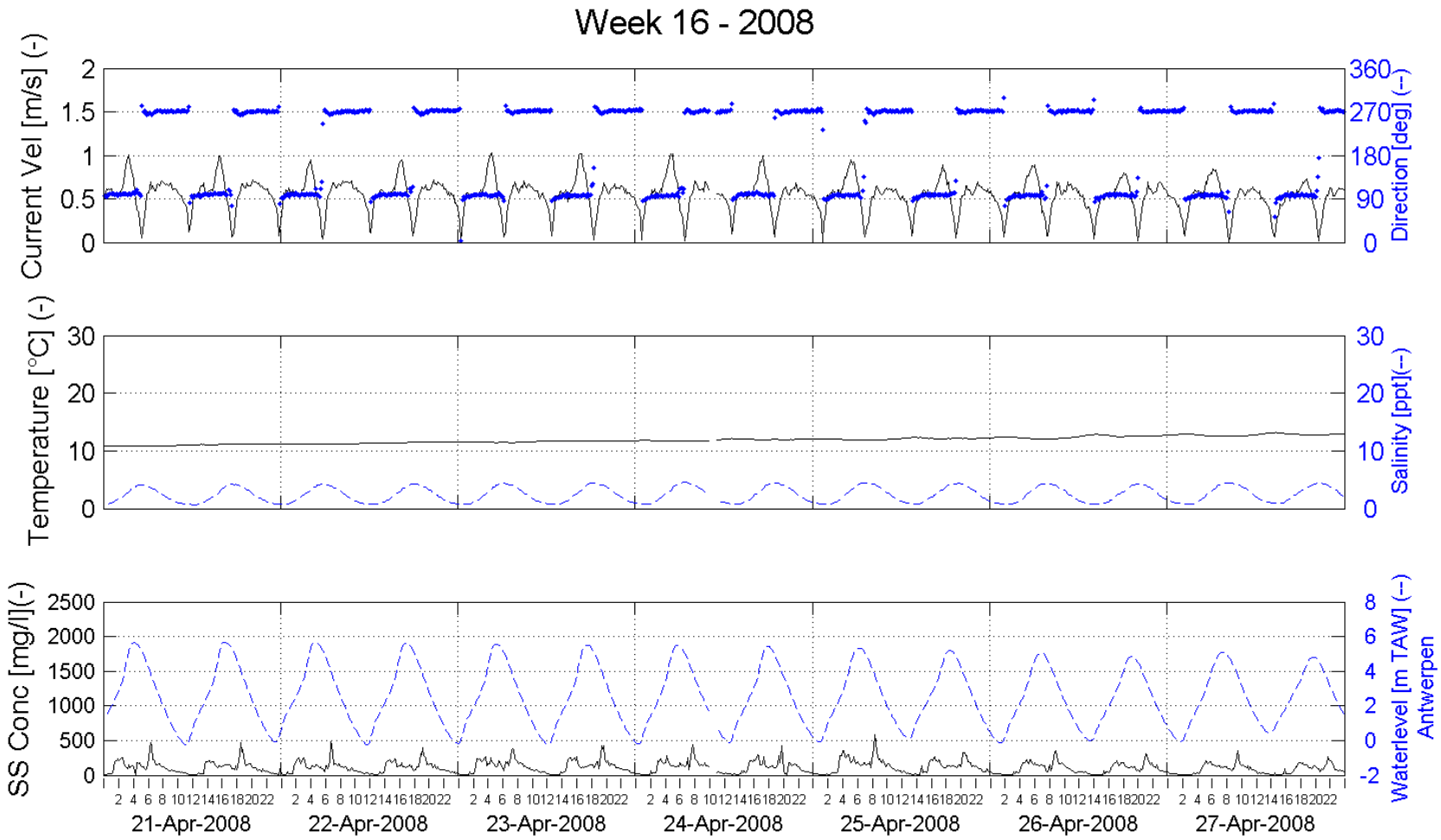

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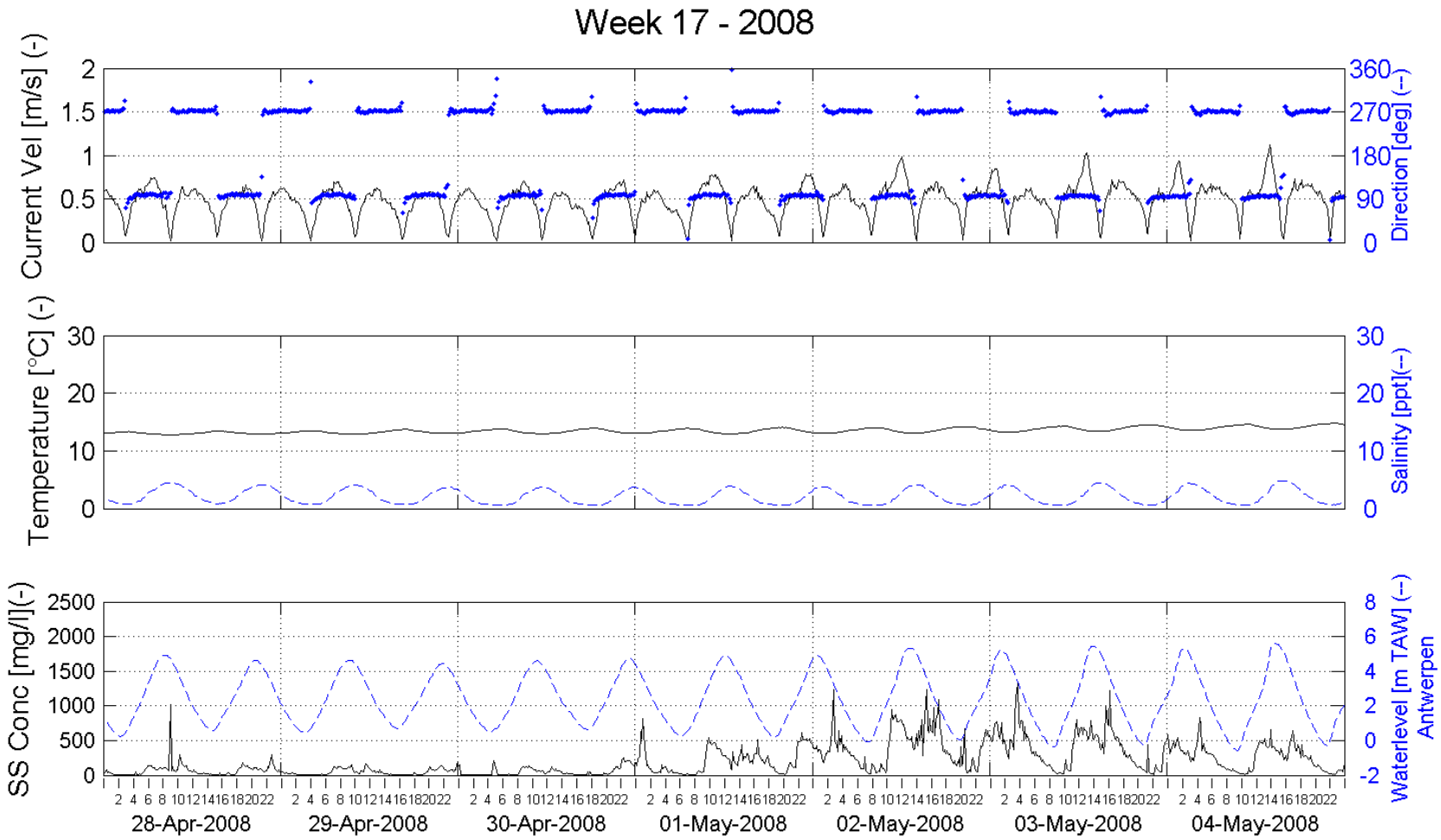

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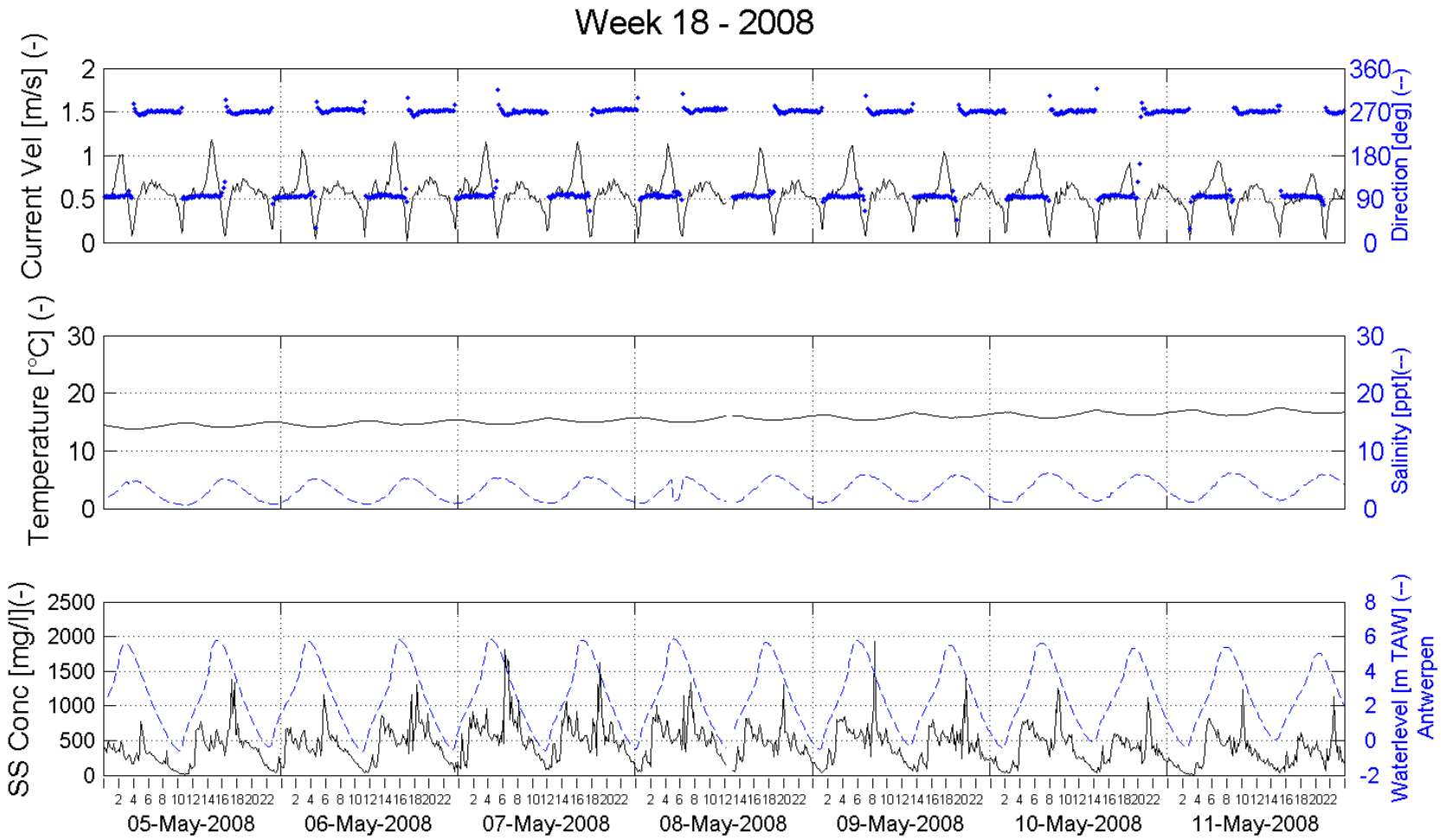

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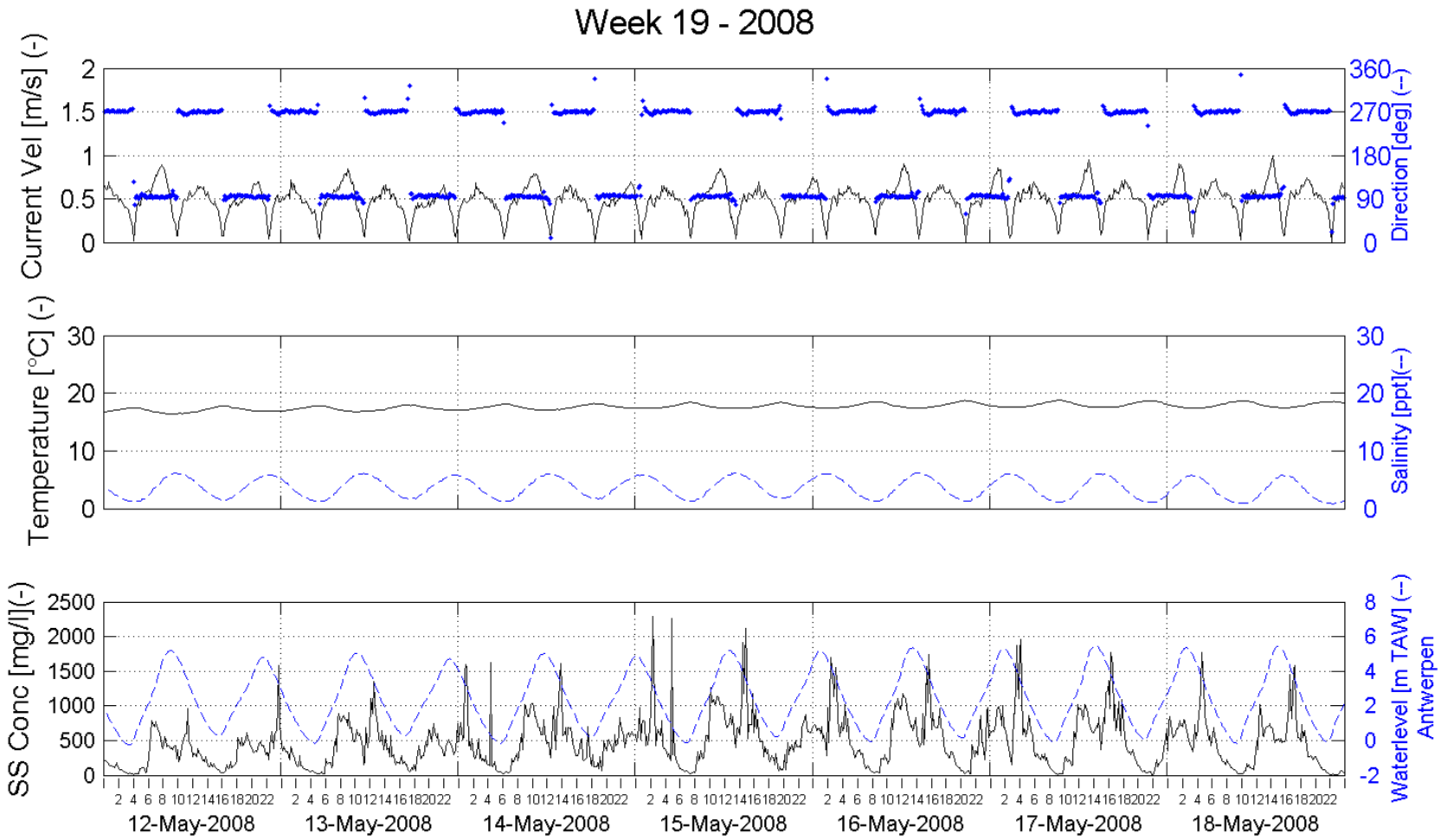

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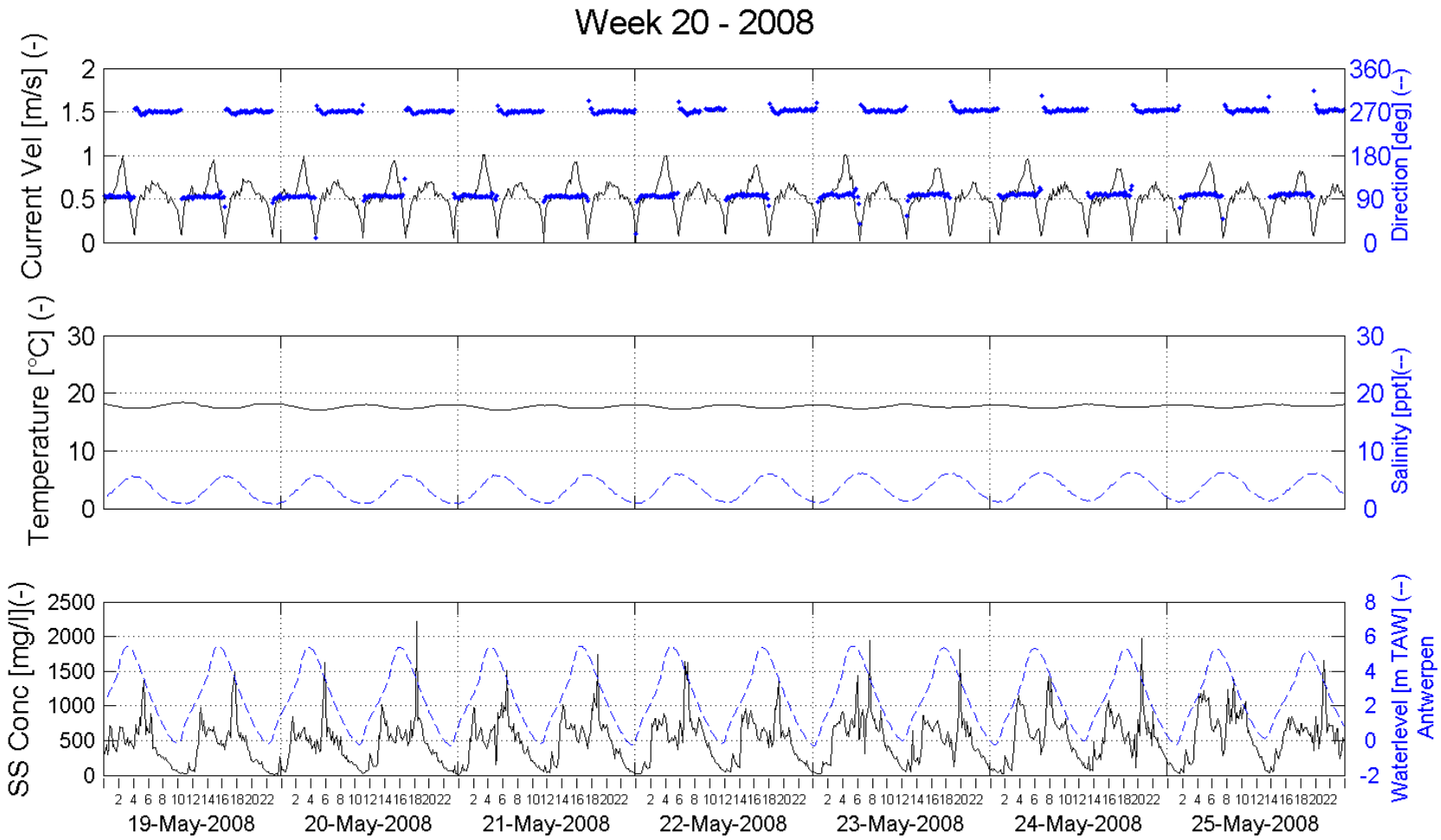

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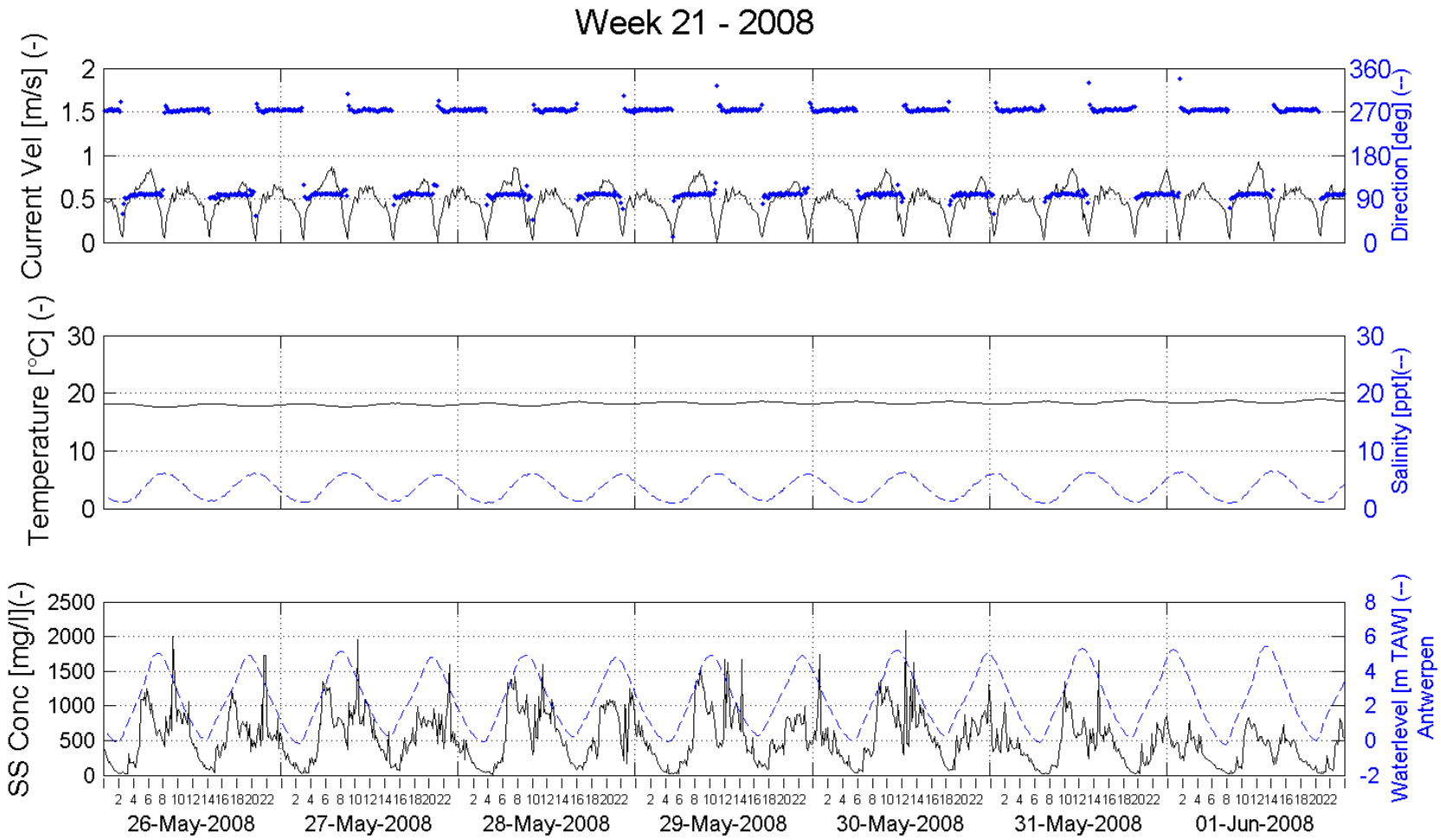

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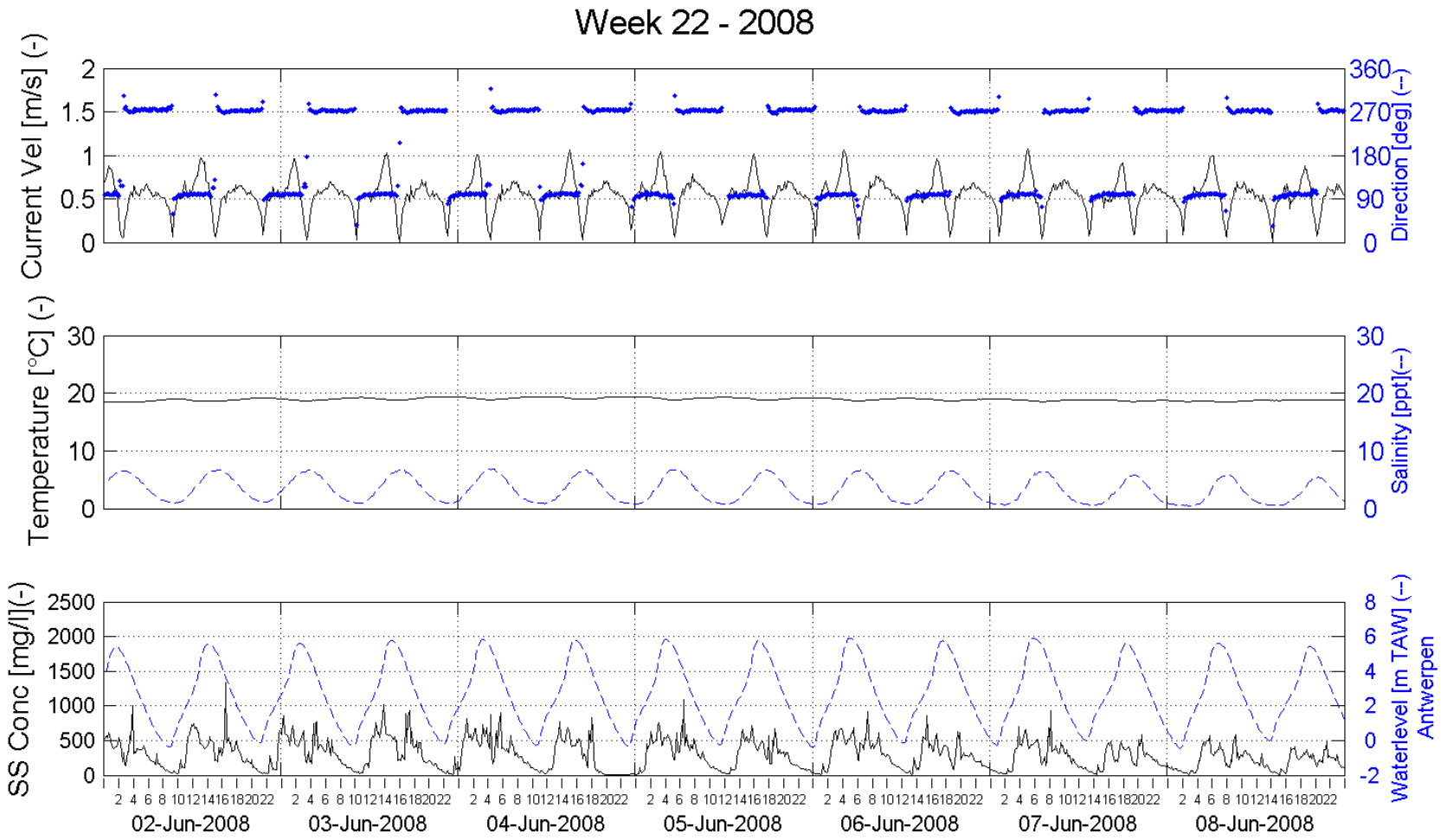

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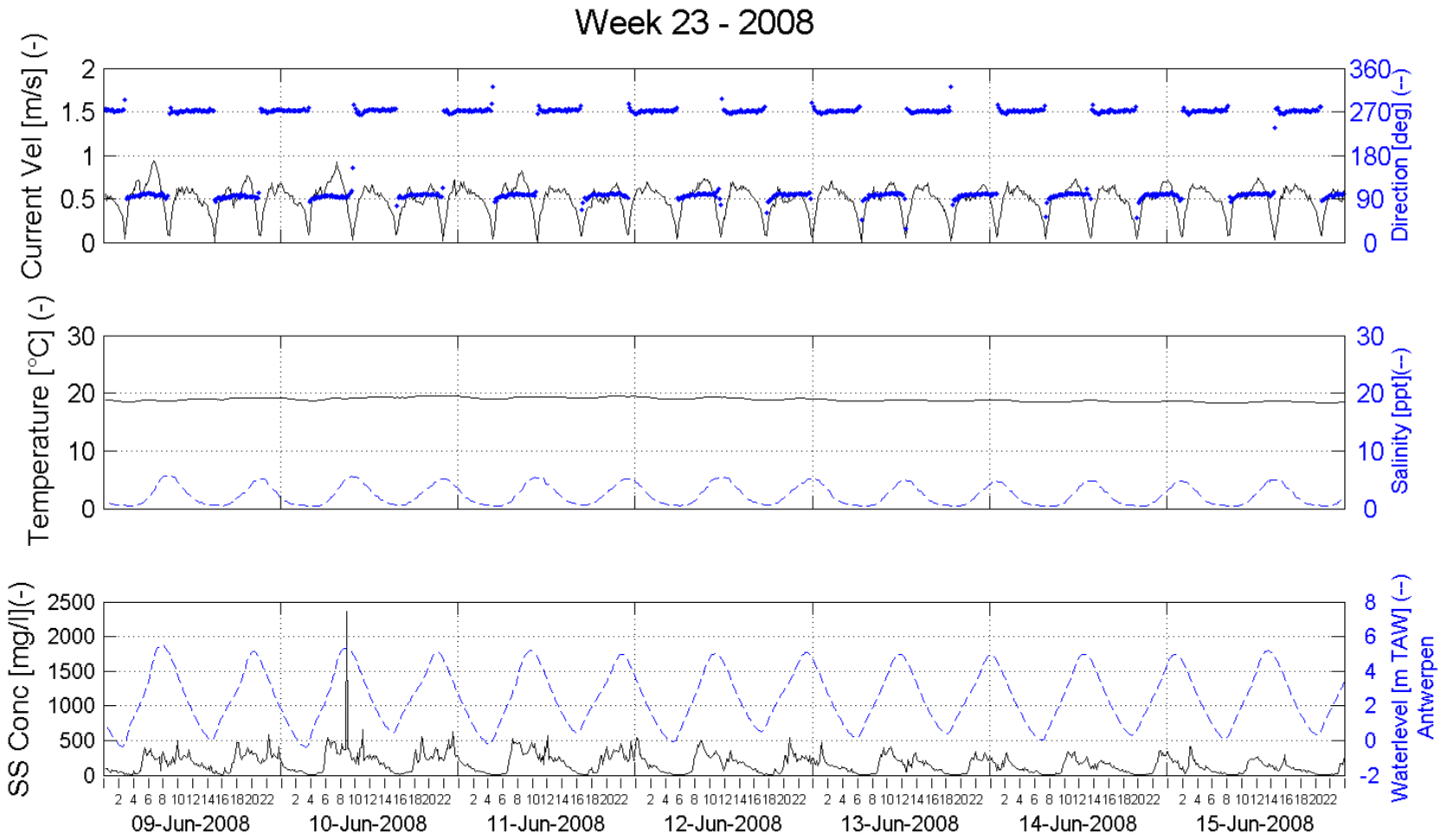

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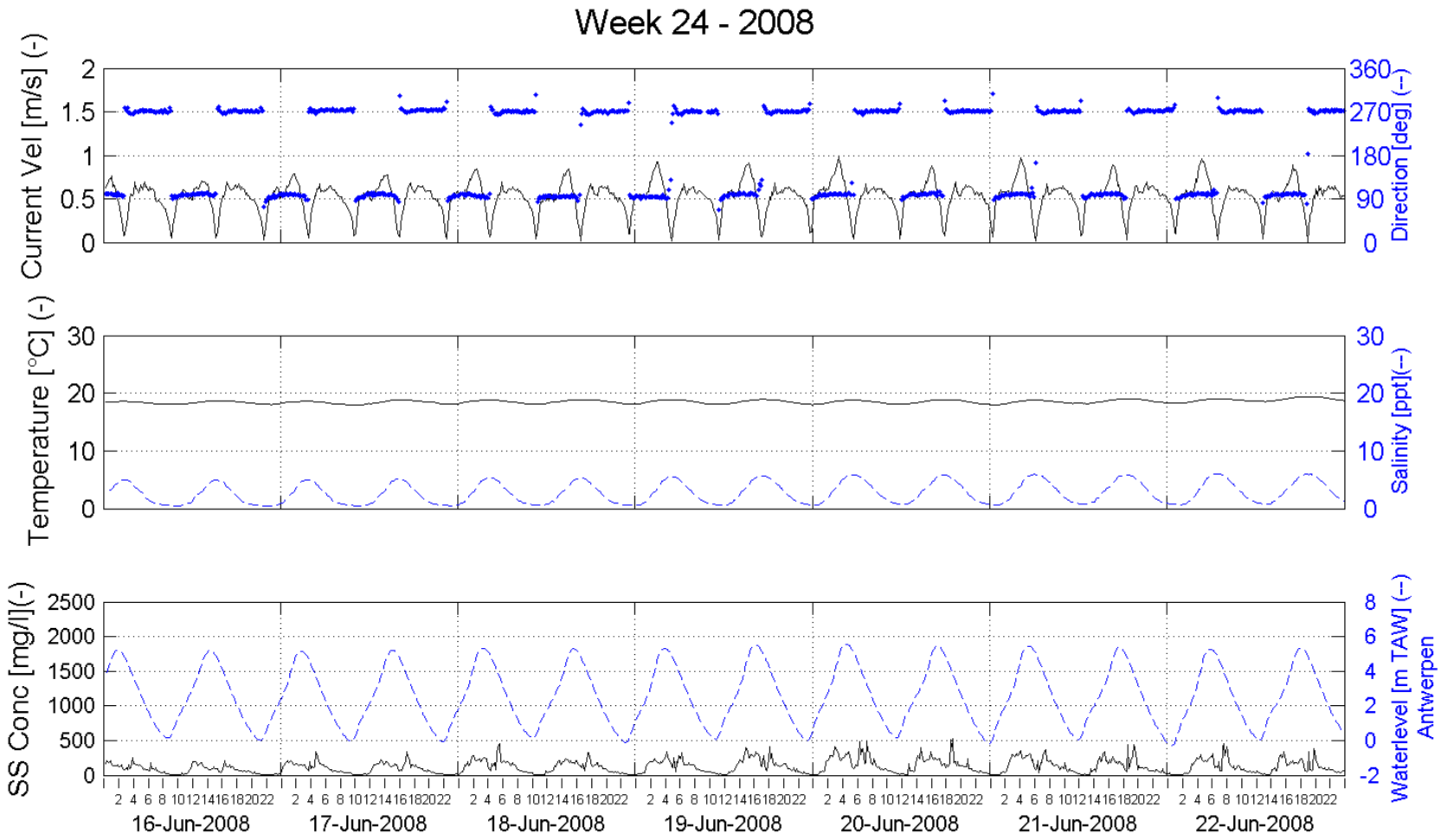

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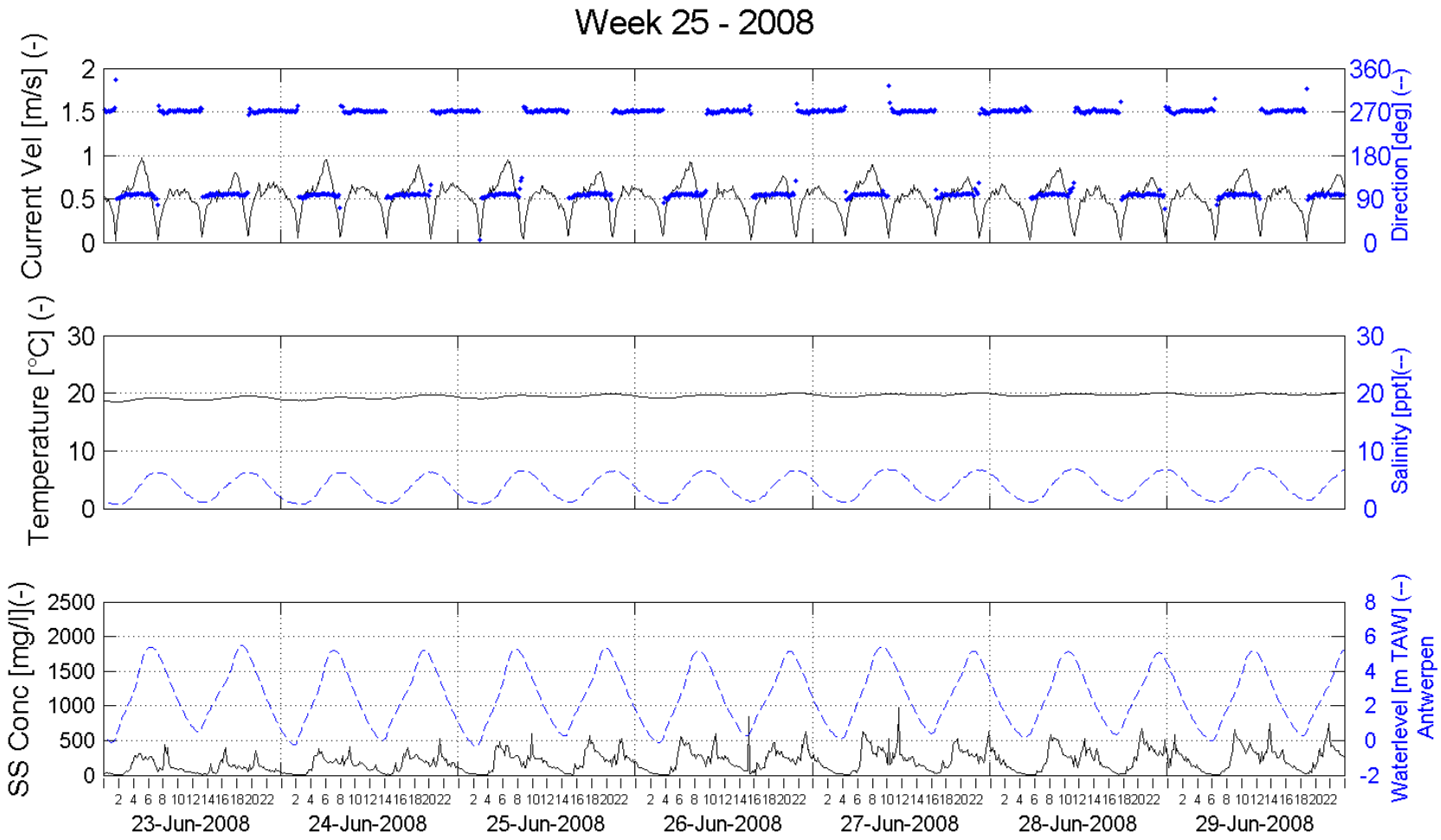

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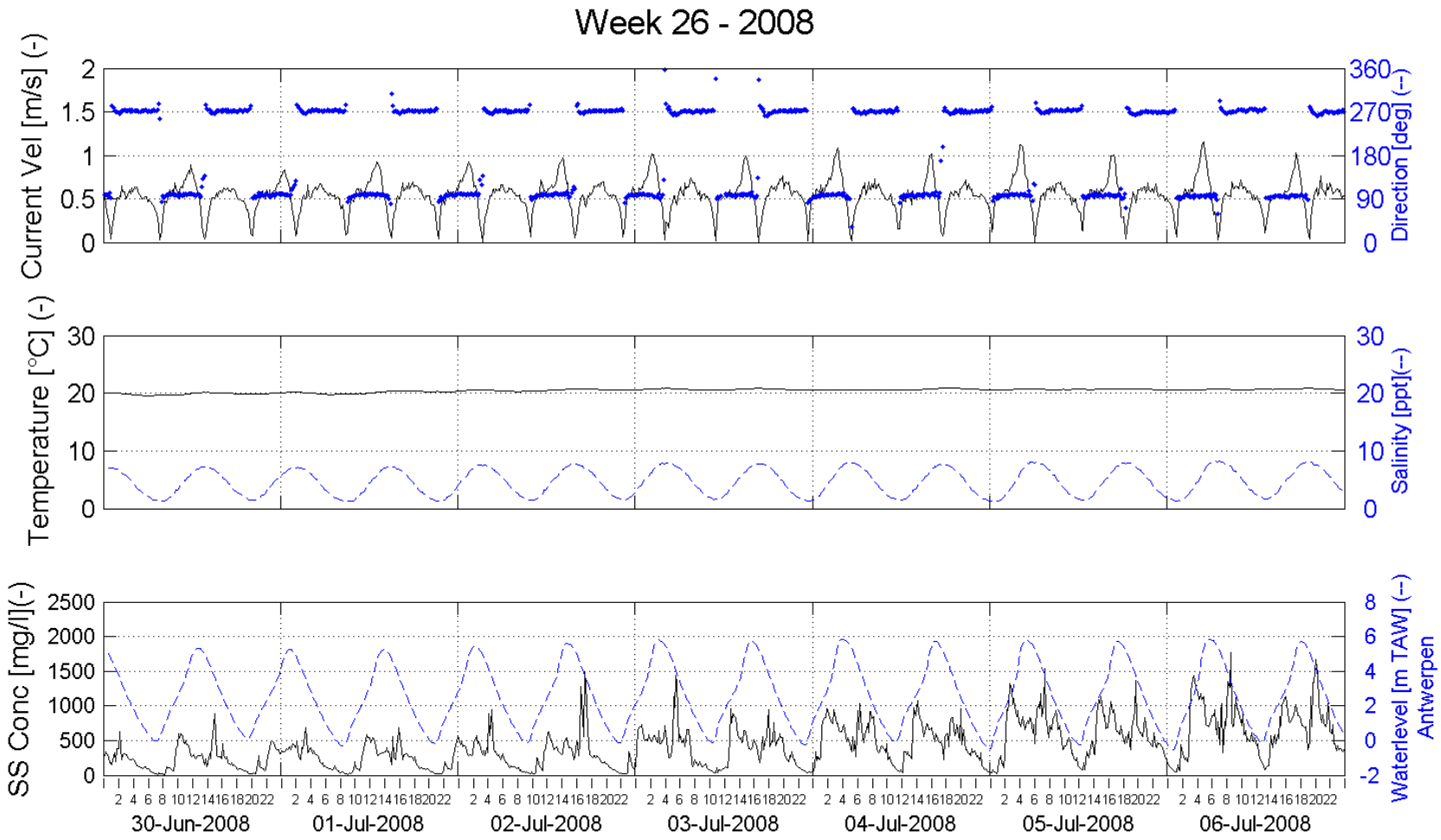

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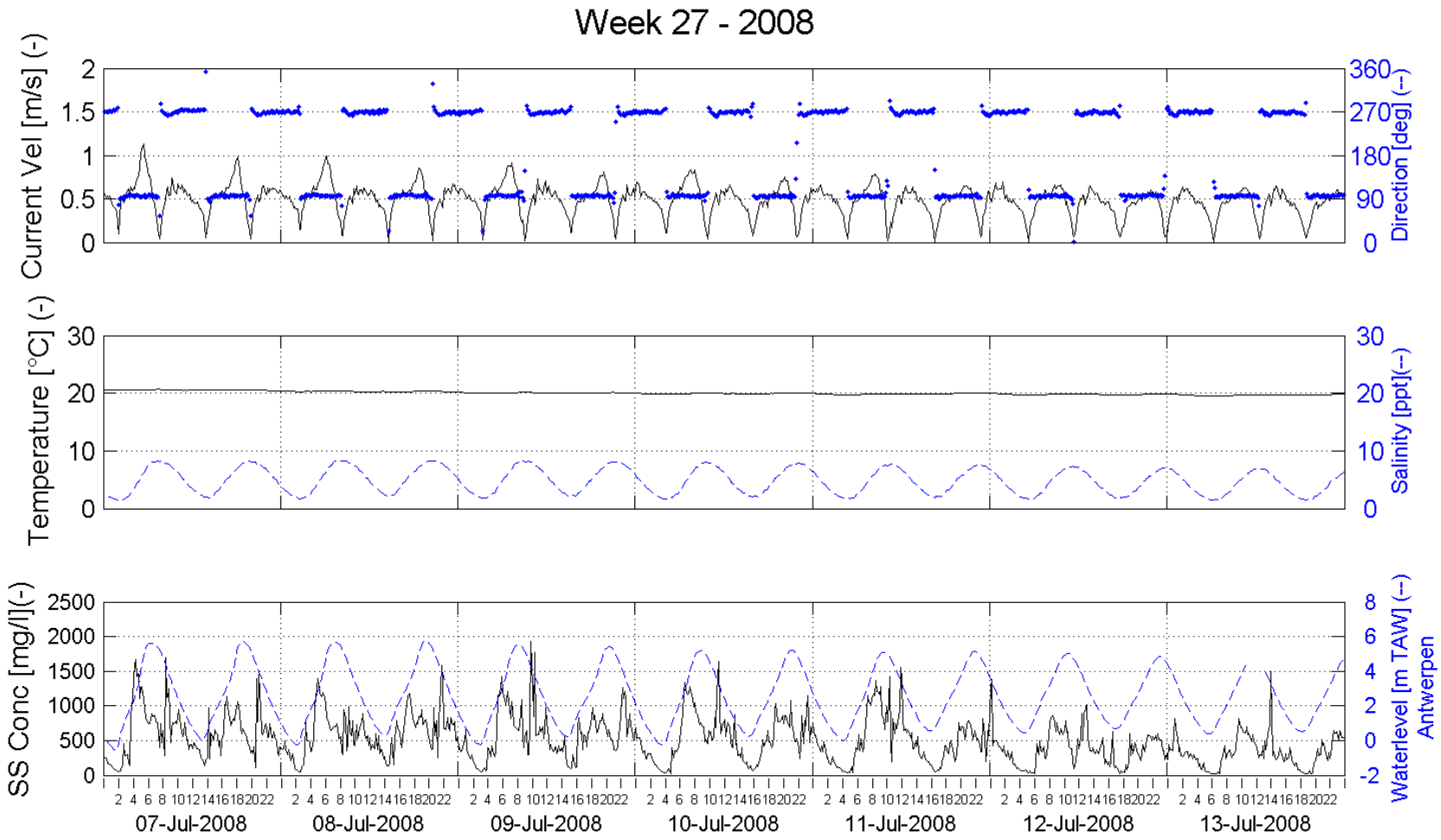

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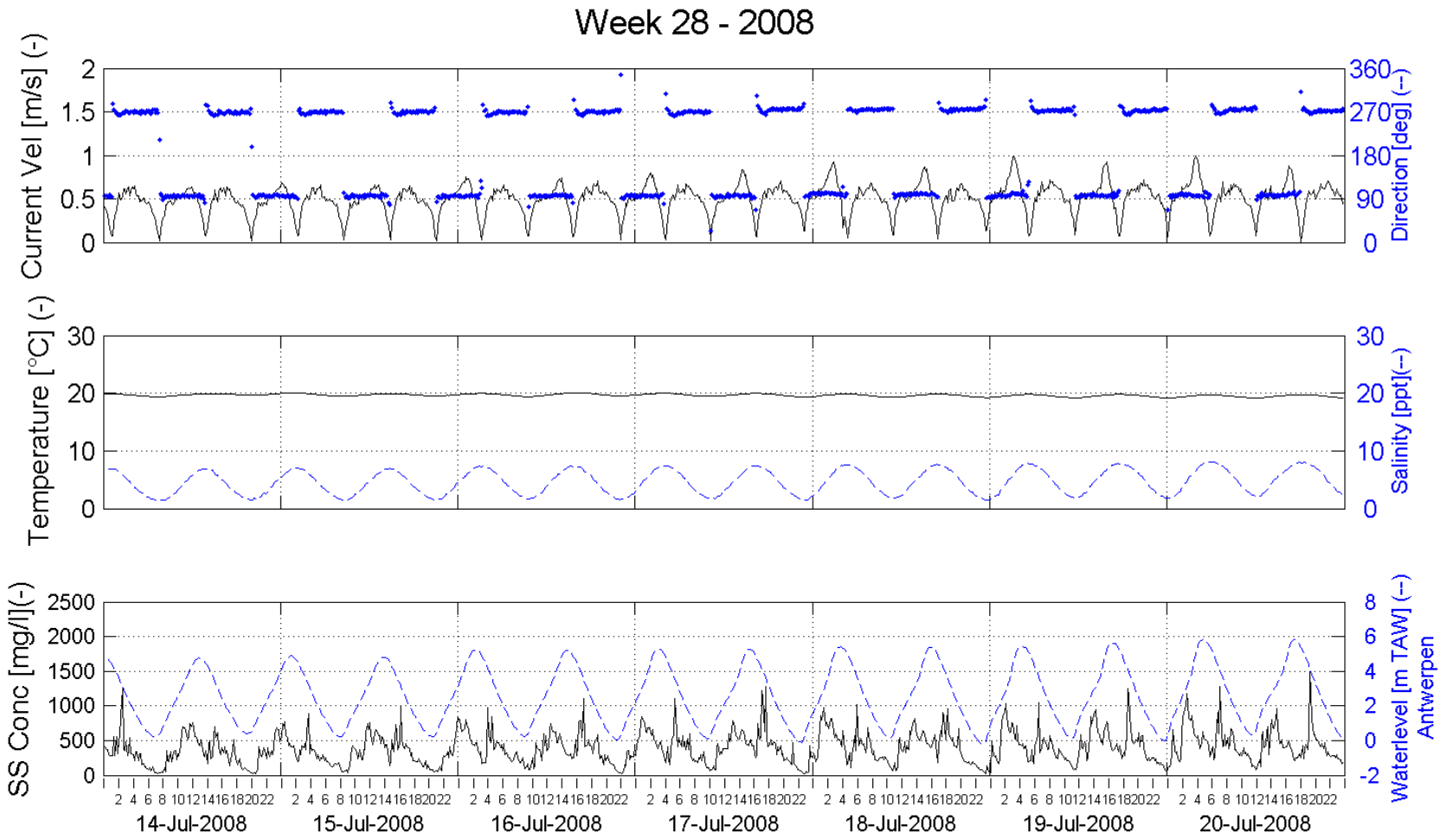

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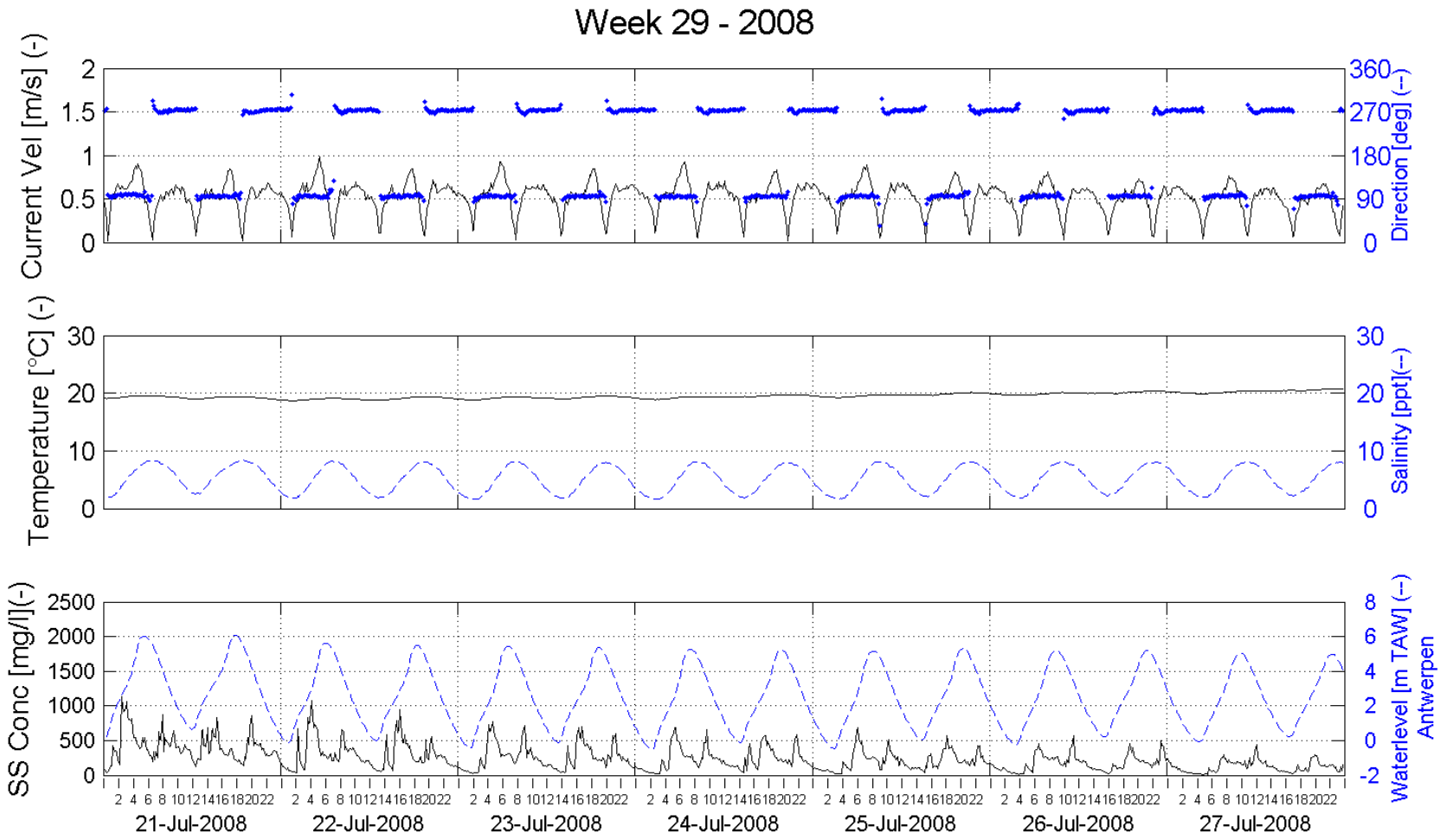

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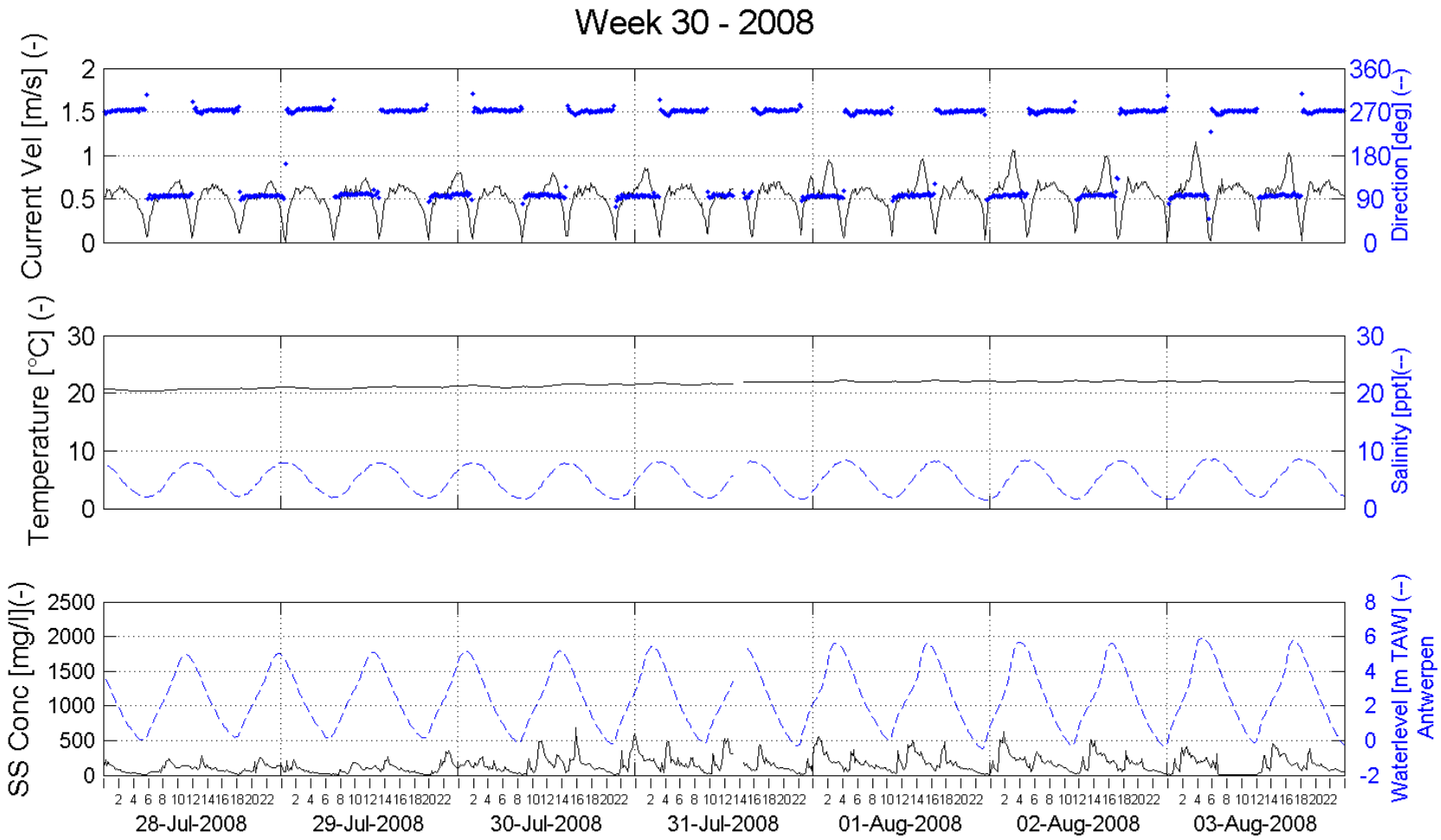

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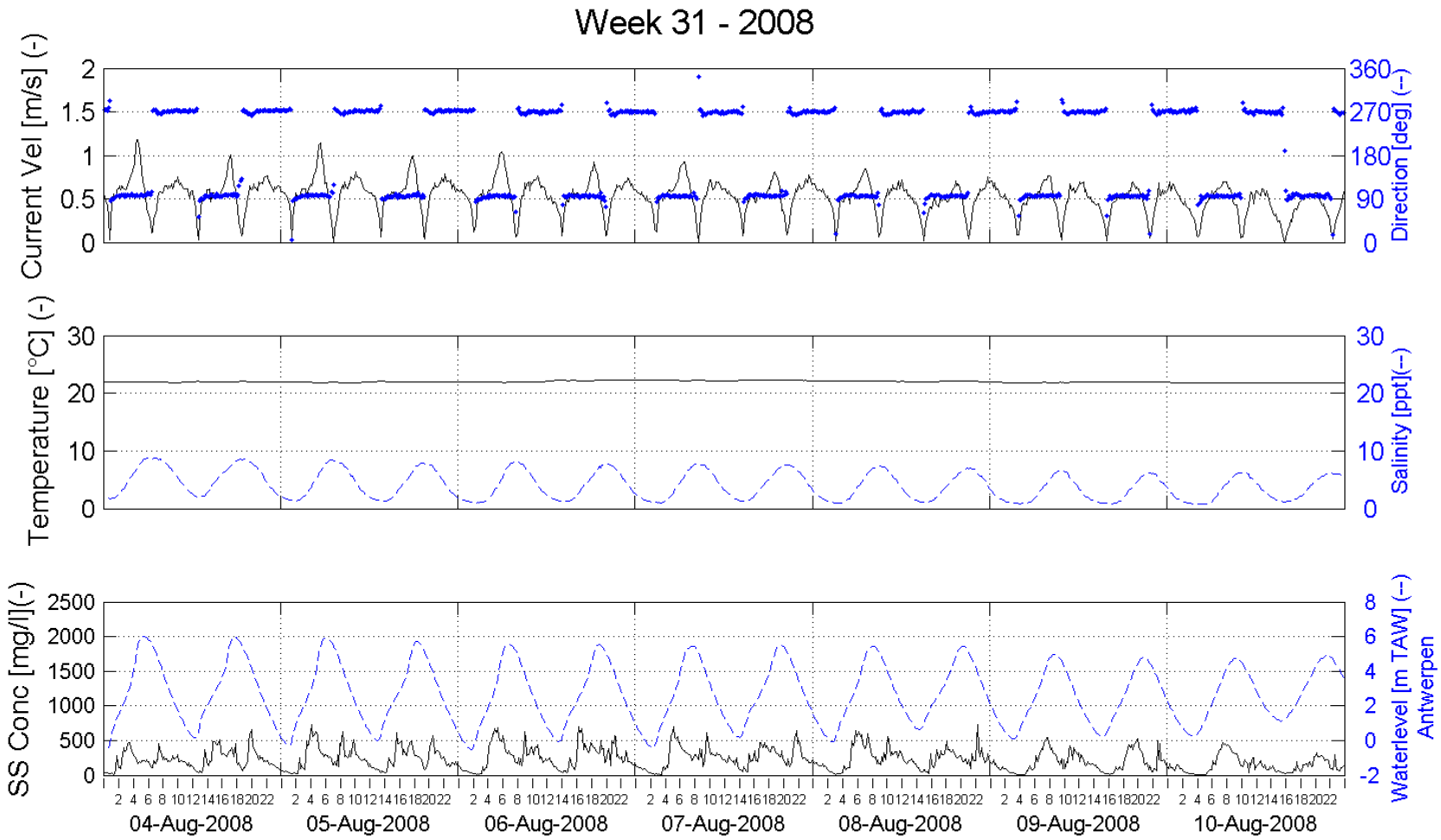

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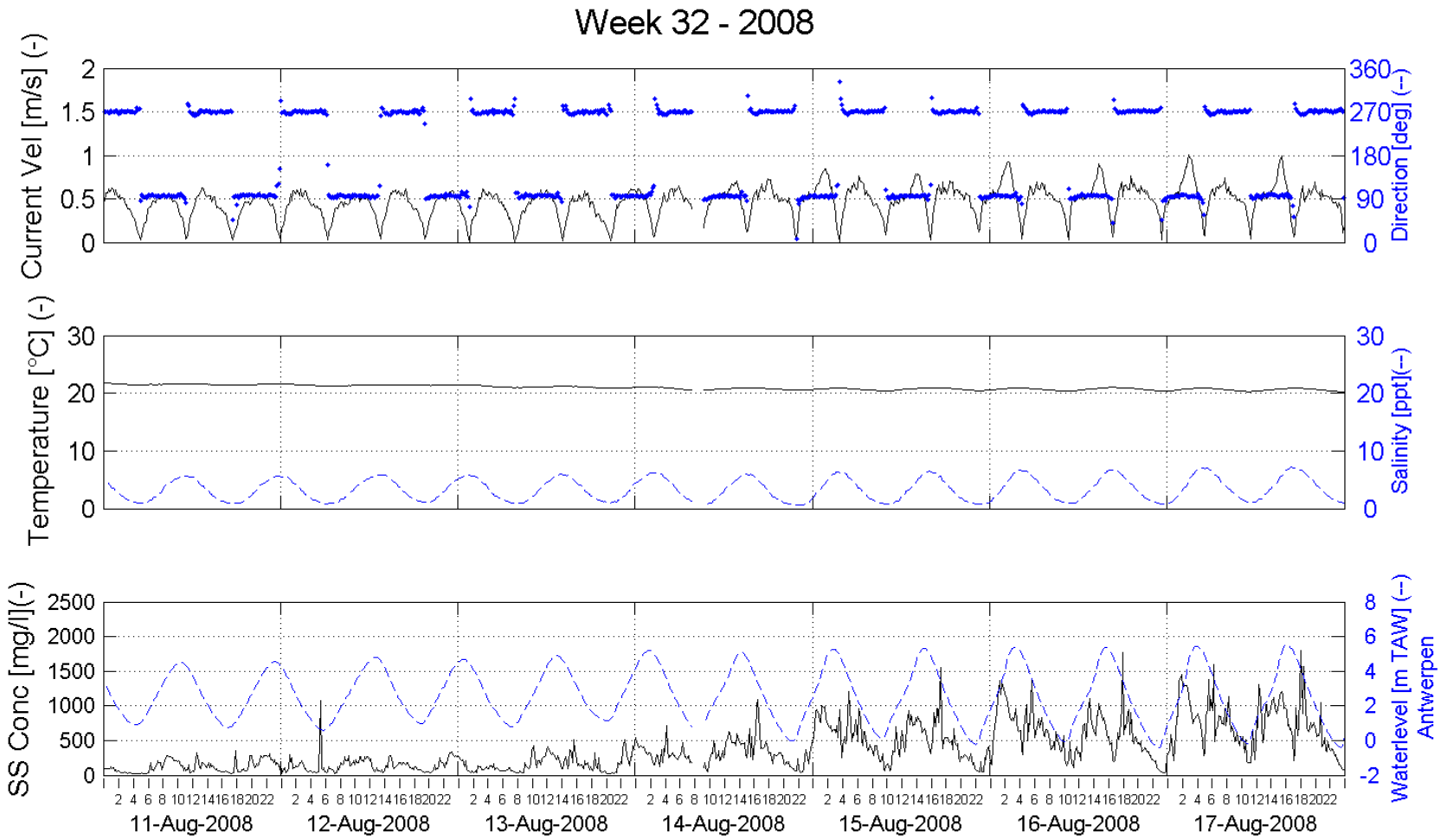

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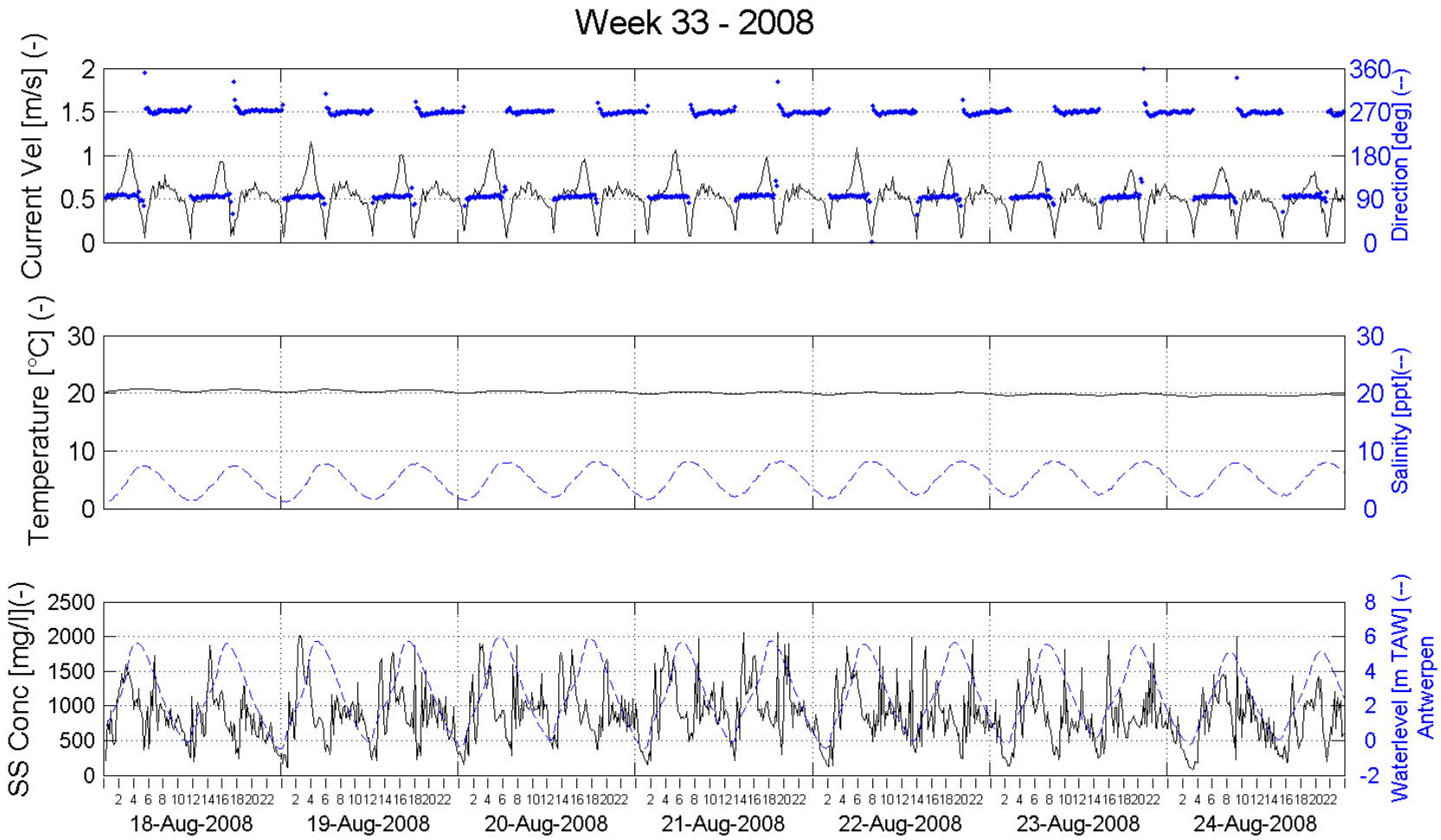

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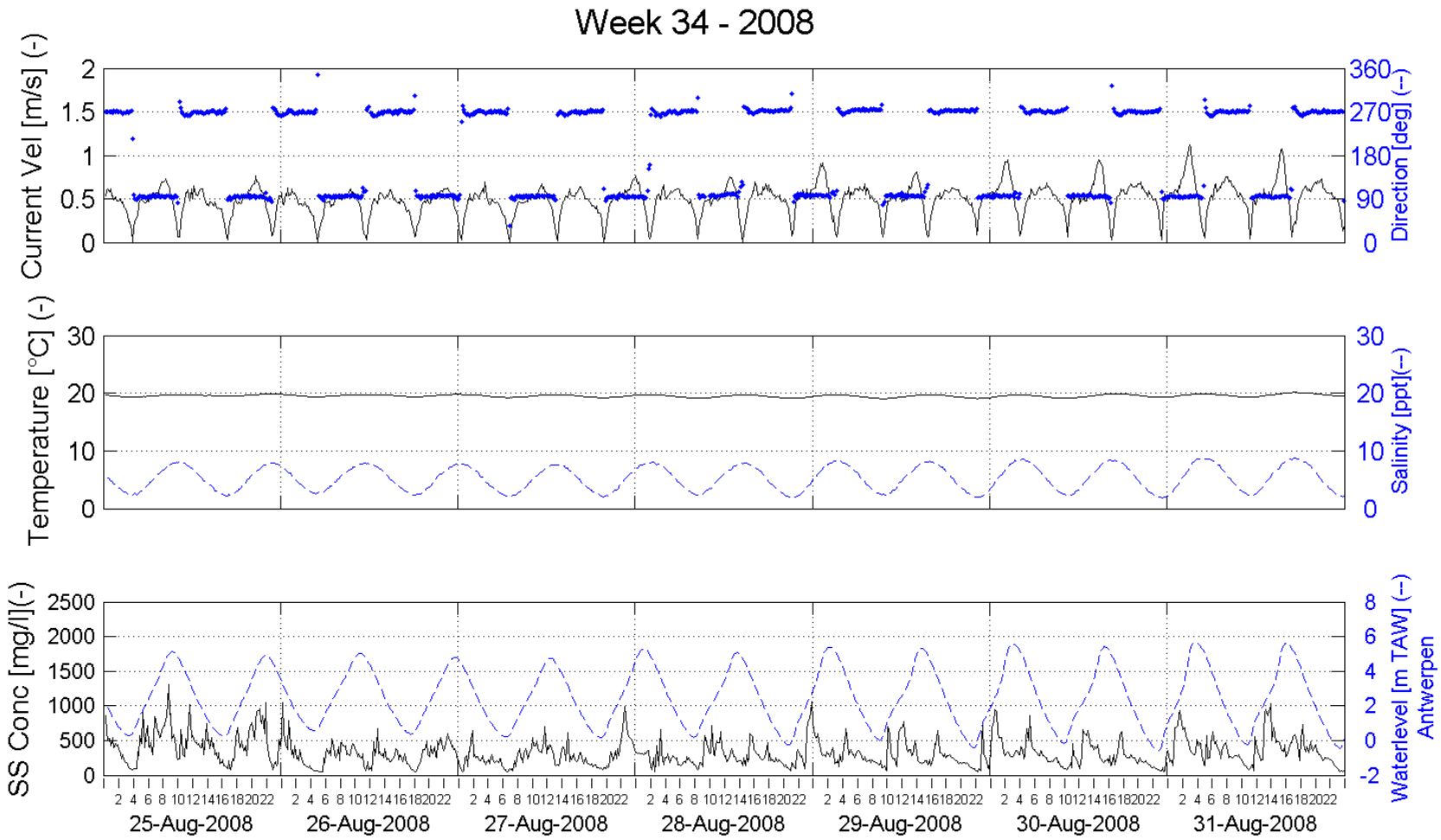

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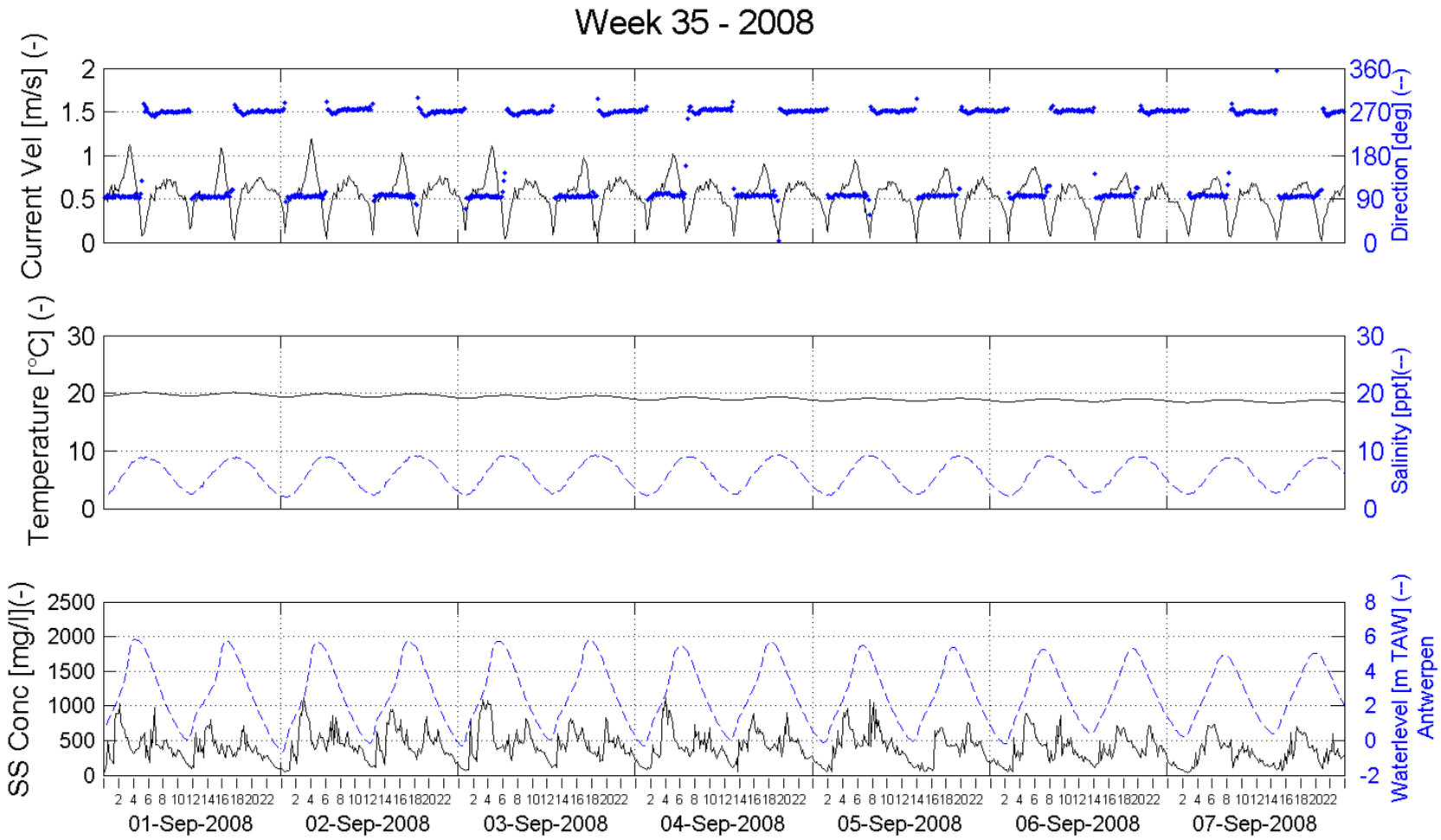

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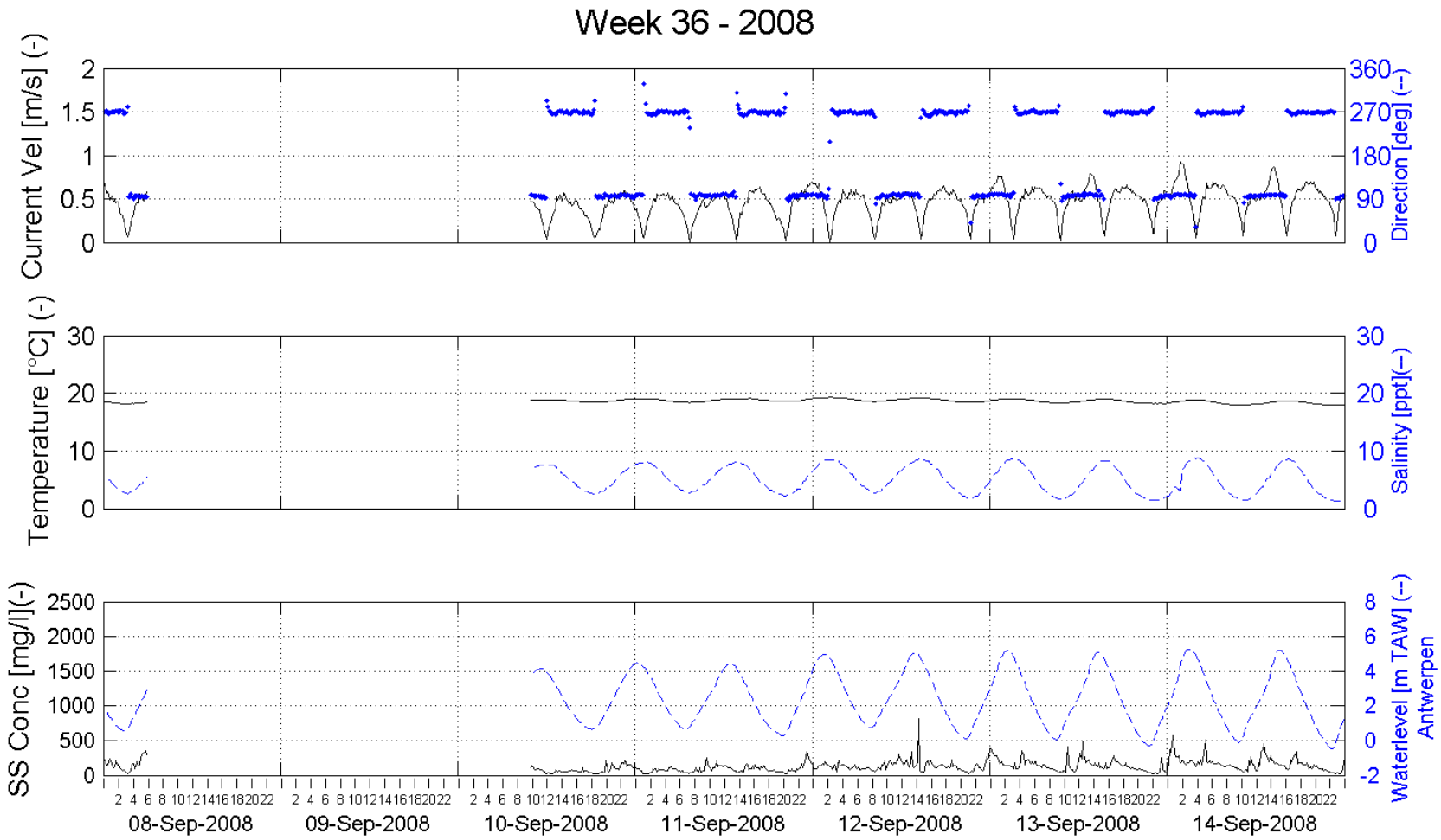

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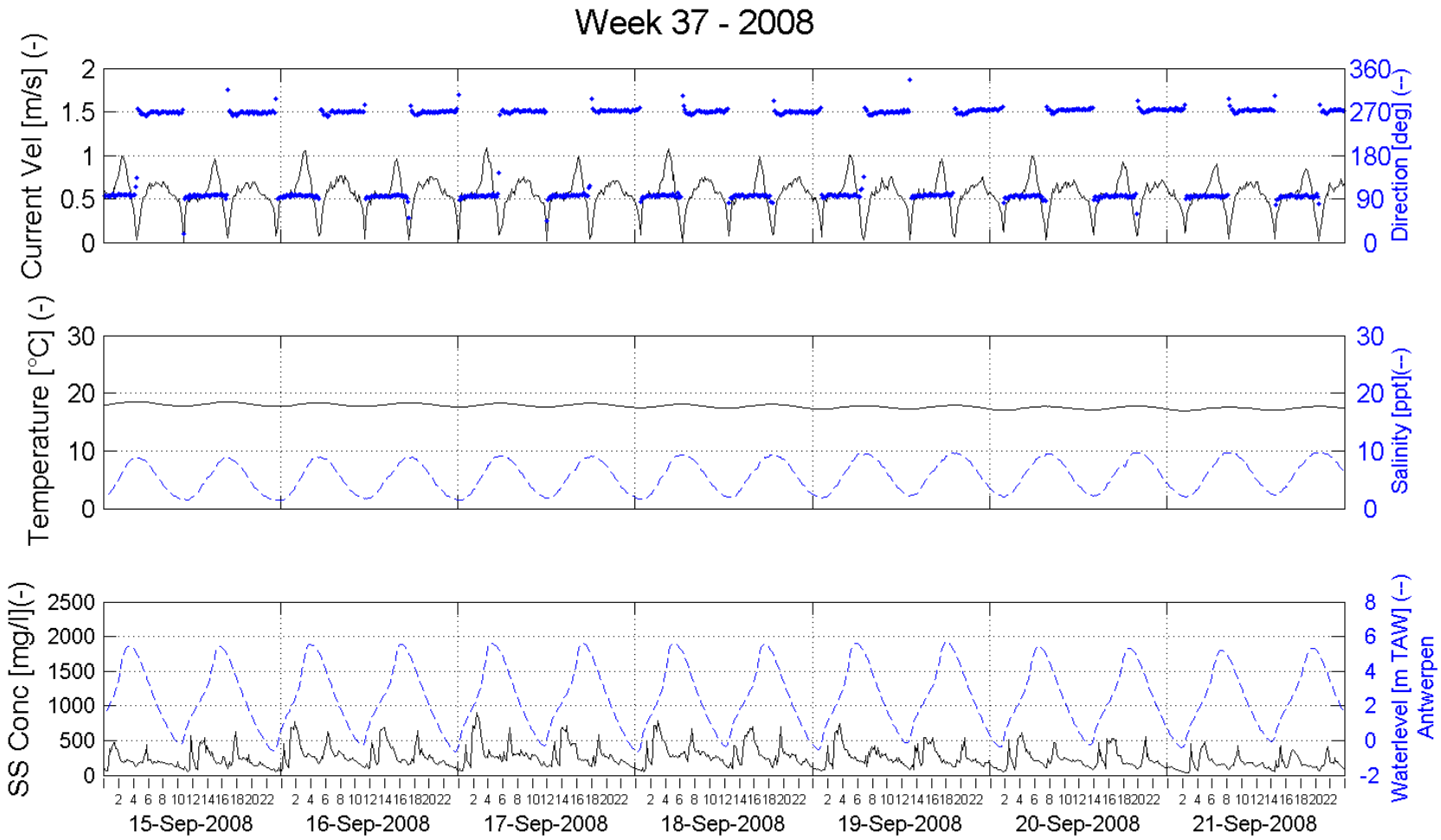

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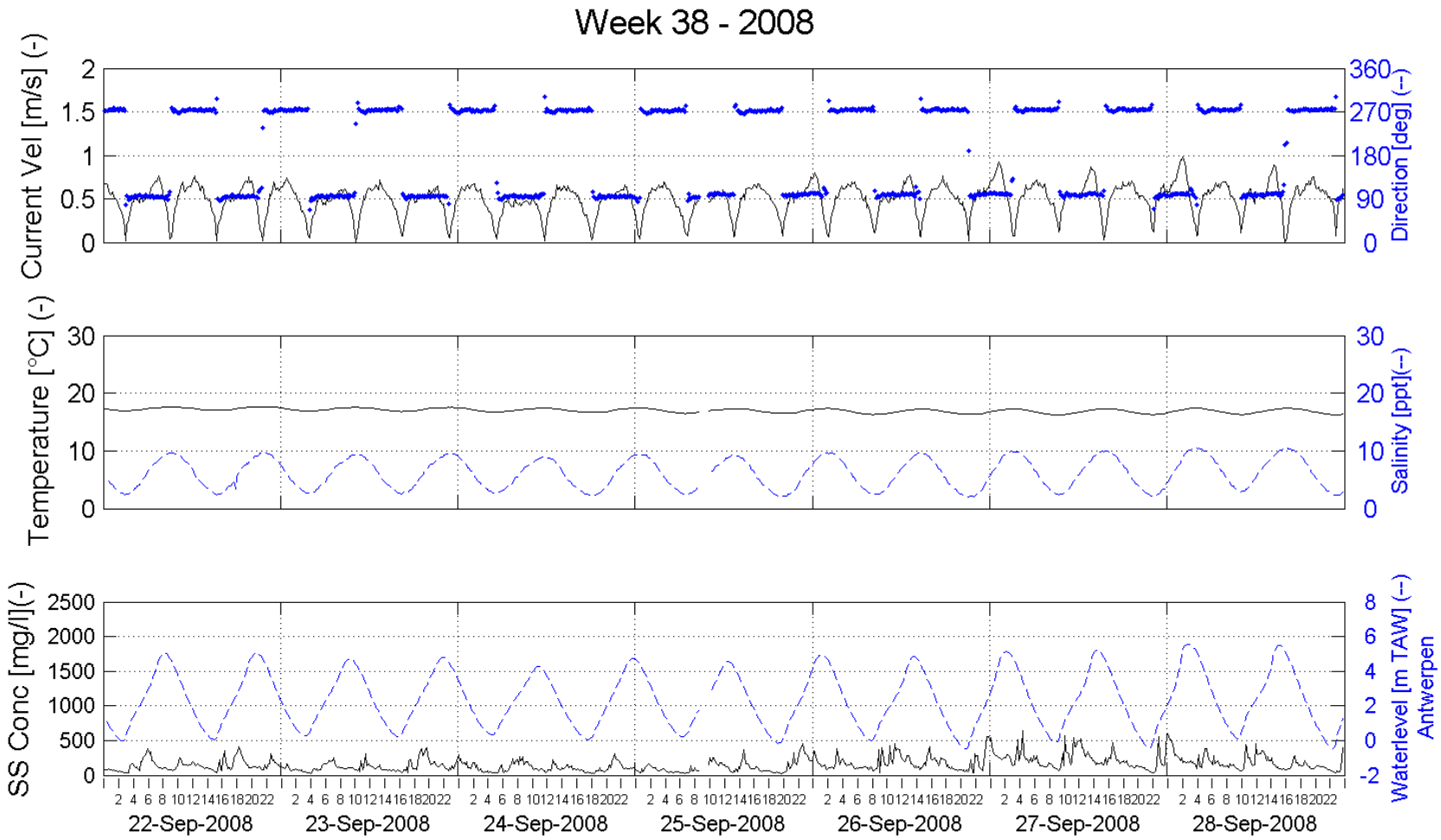

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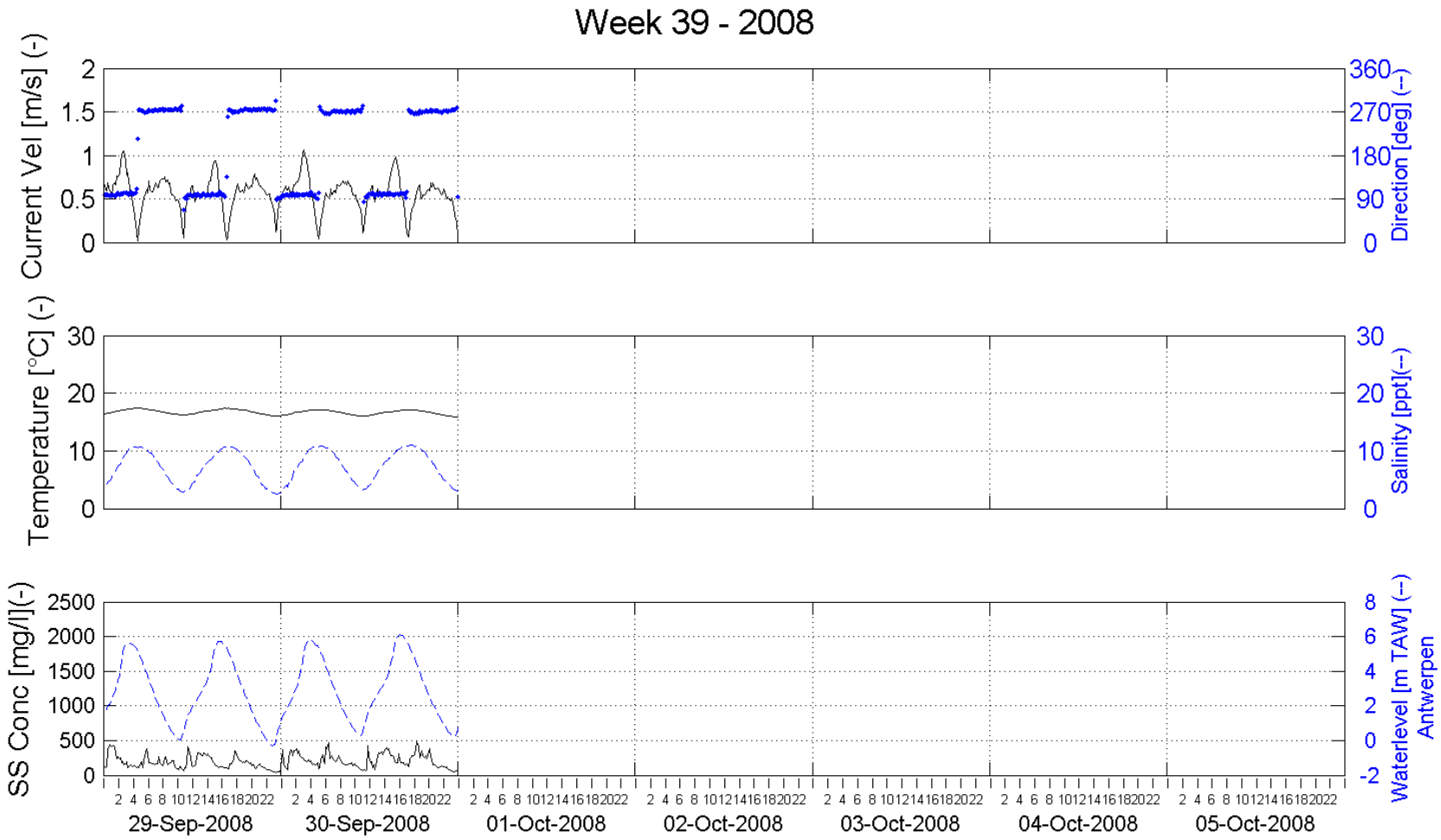

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IMDC

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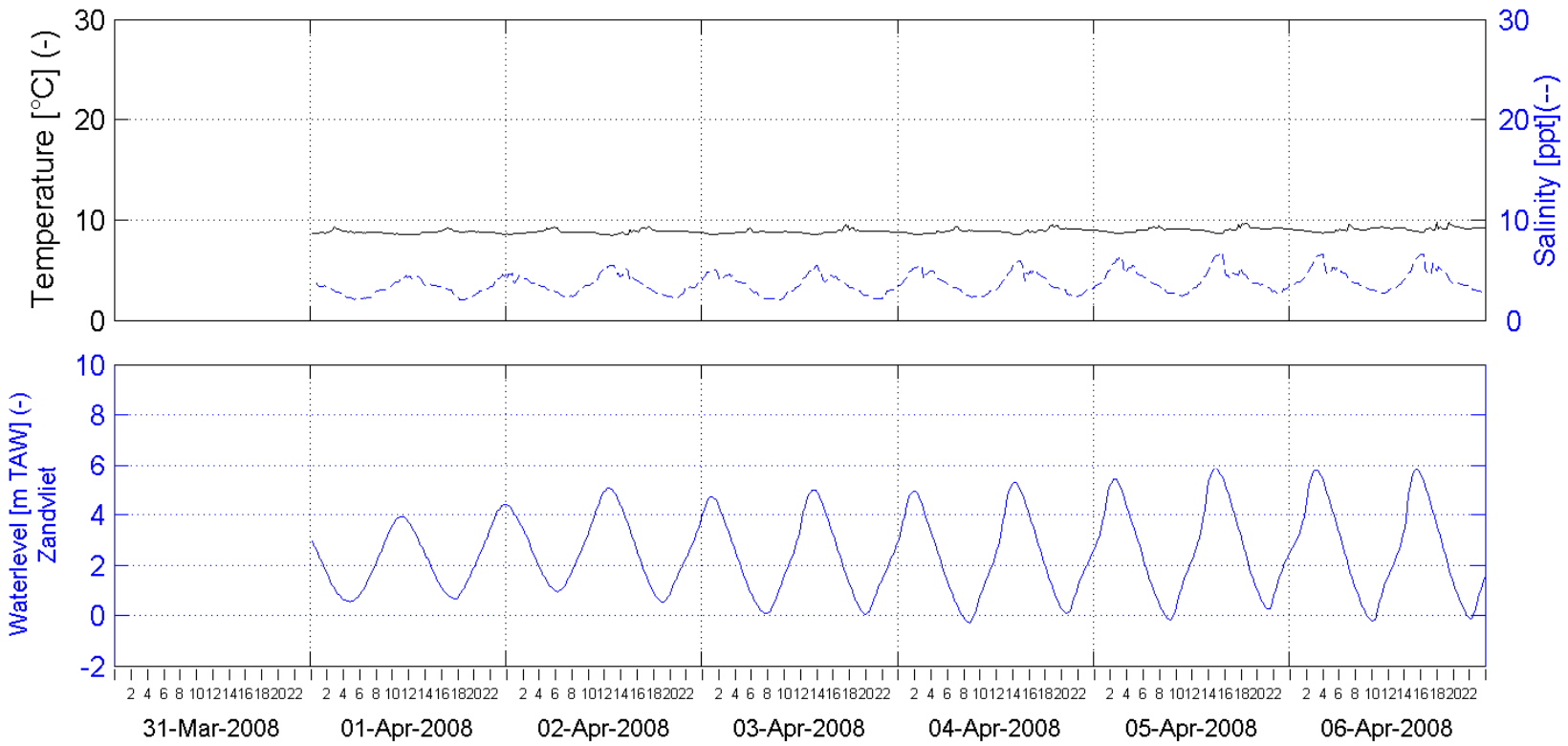
In Association with:

I/RA/11283/08.096/MSA

C.1.3. Prosperpolder

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 13 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

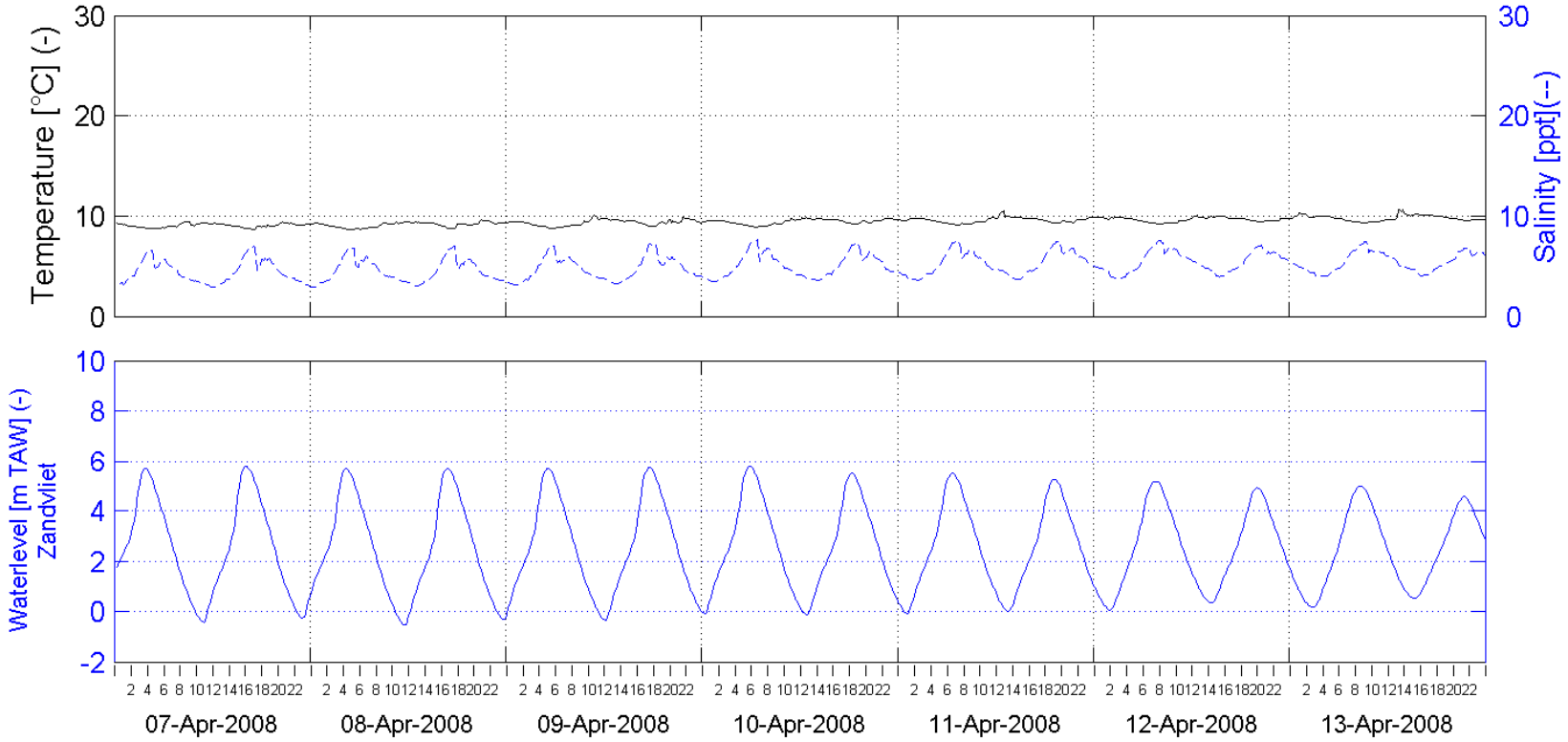
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 14 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

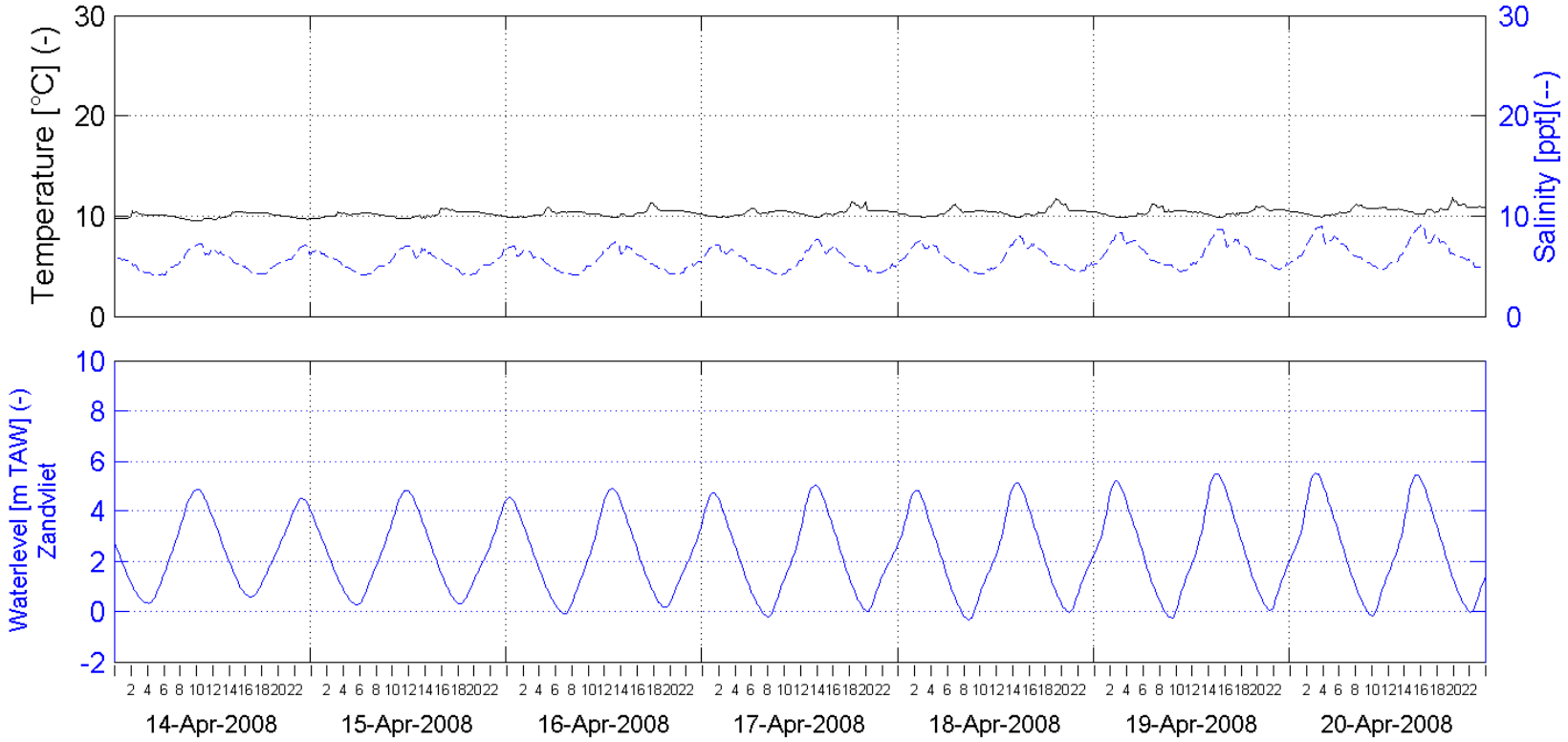
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 15 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

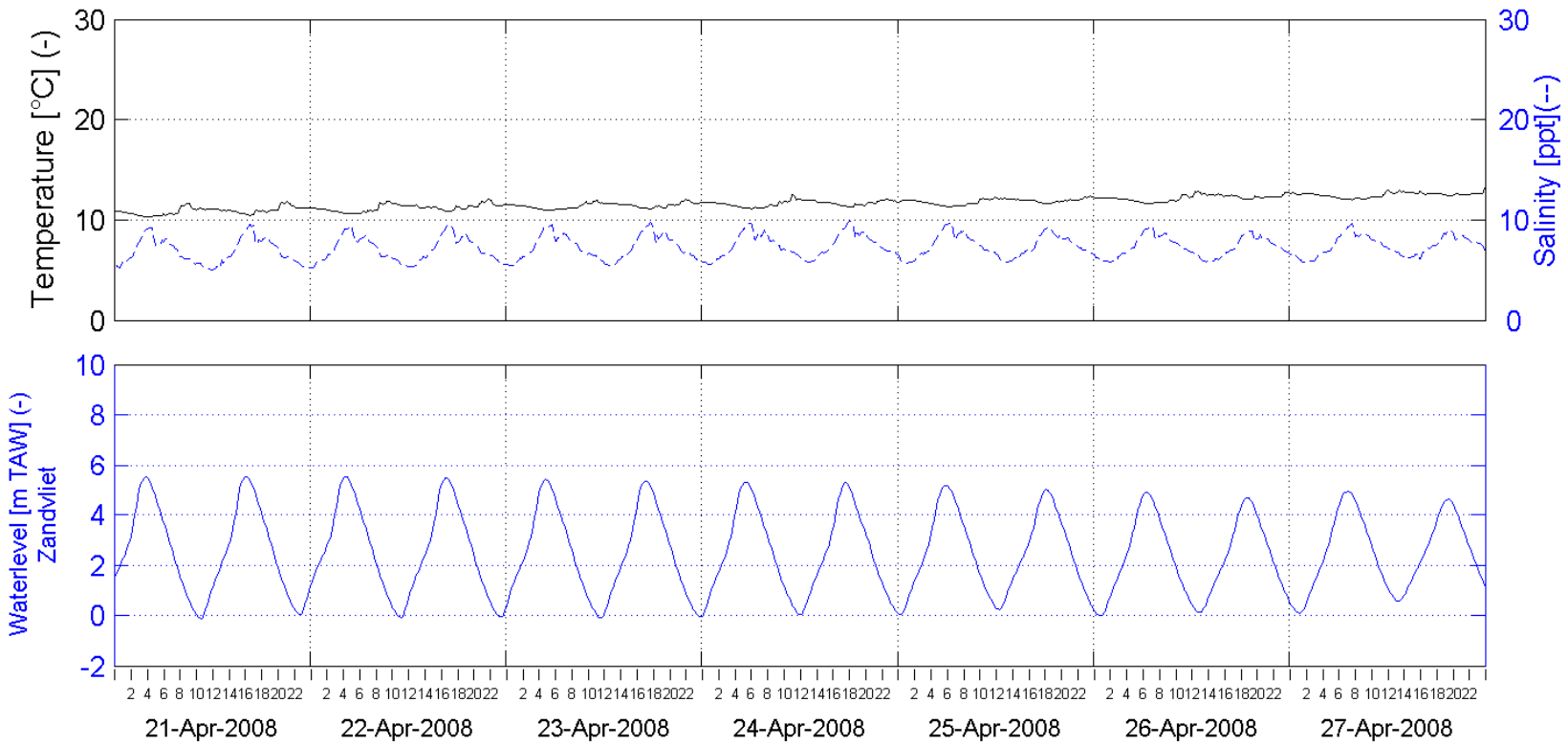
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 16 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

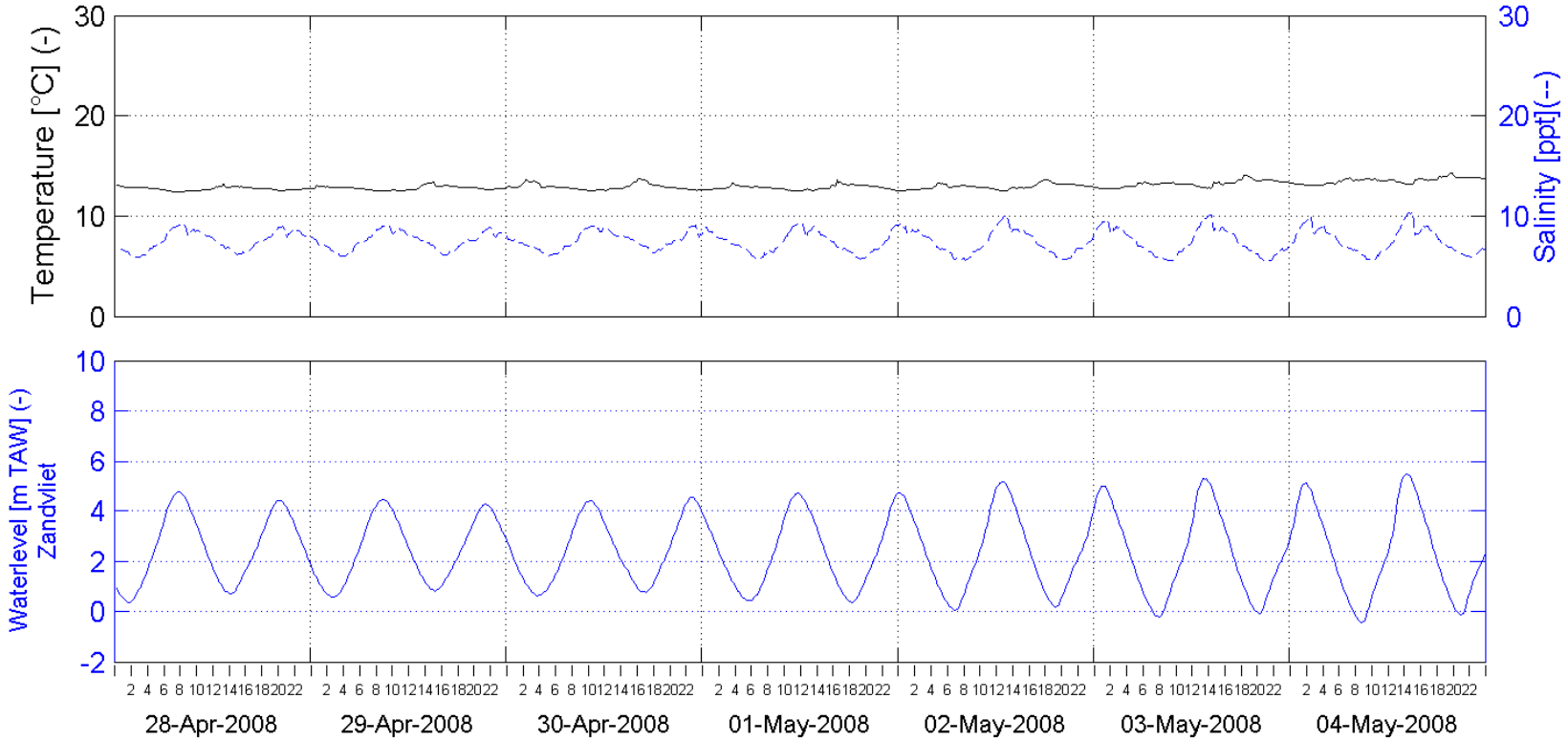
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 17 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

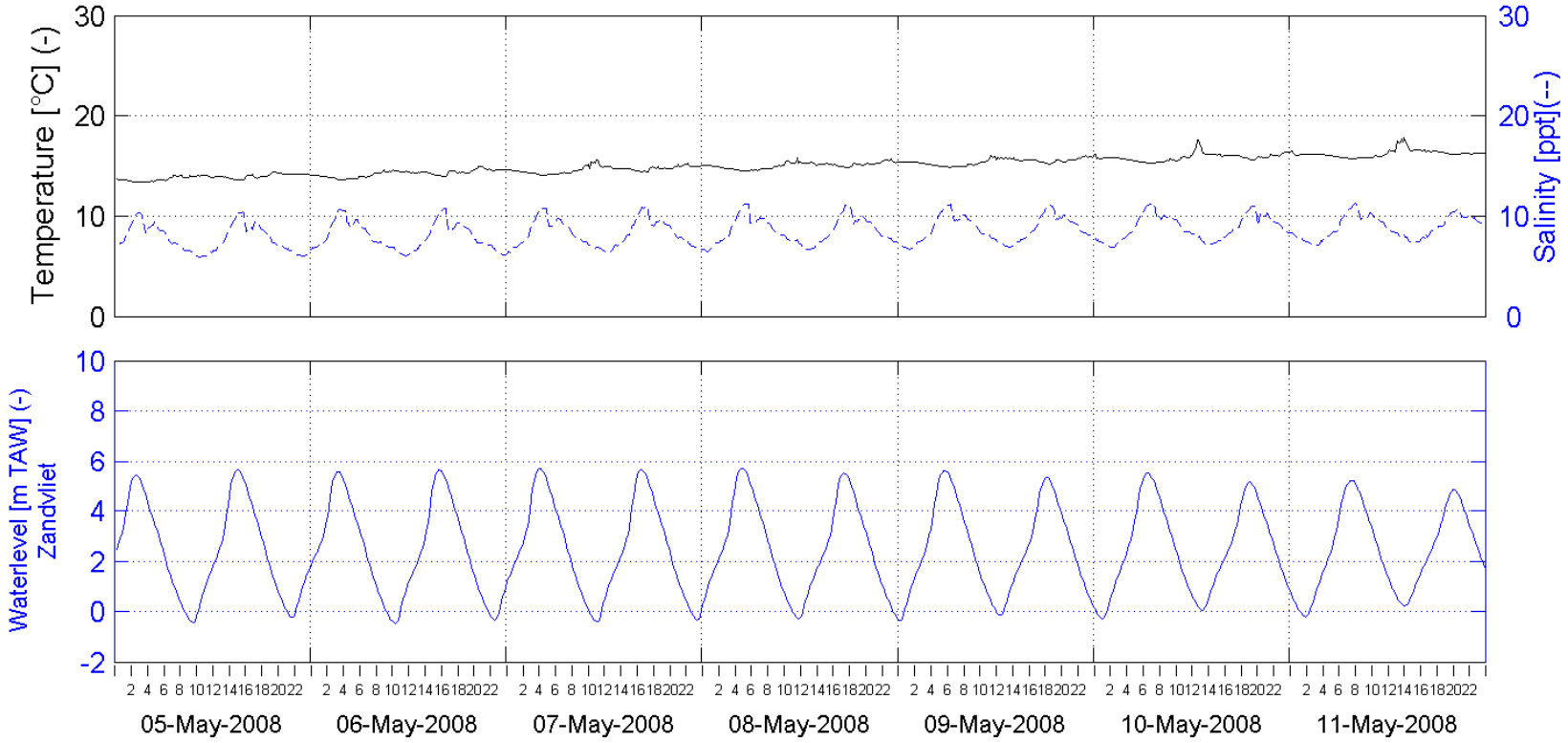
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 18 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

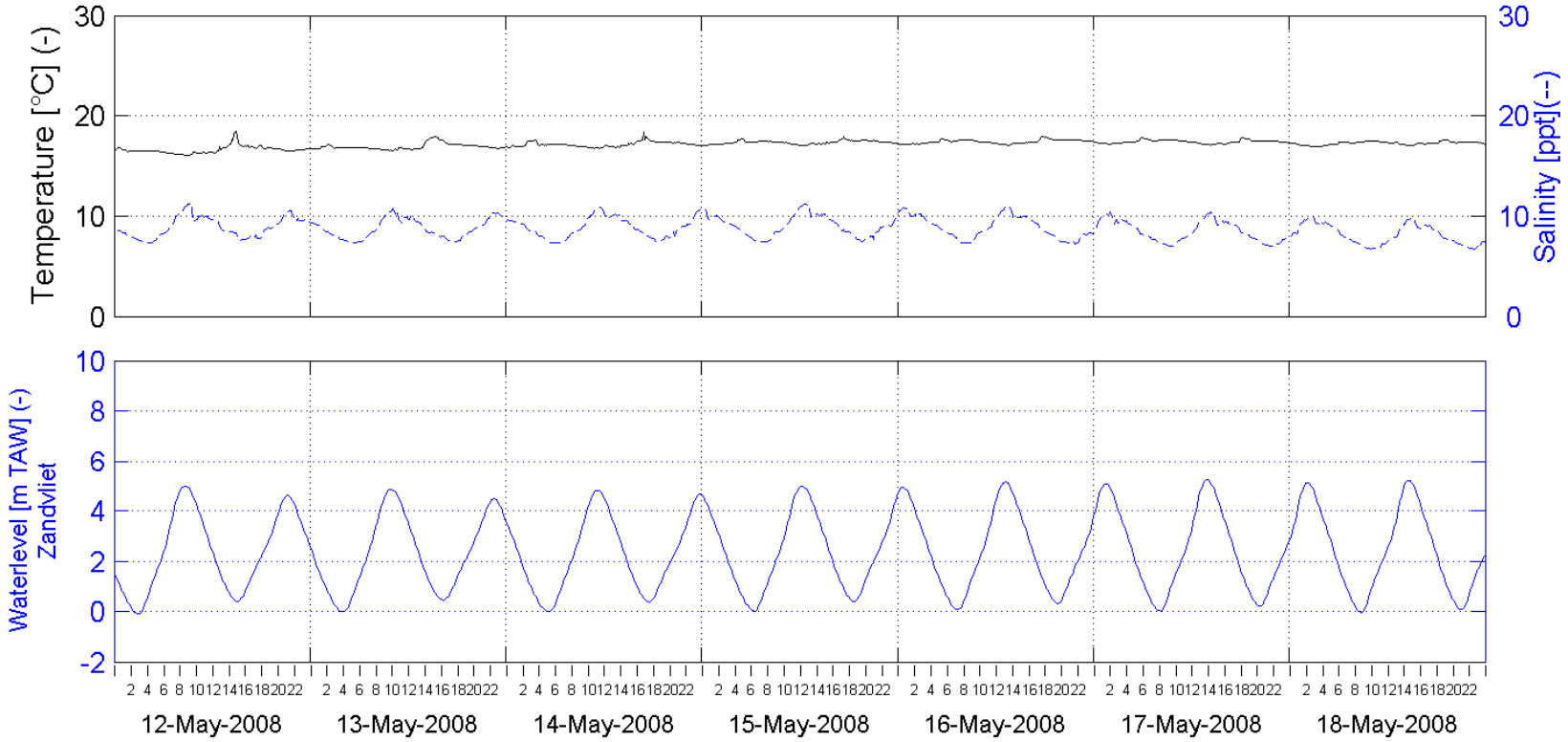
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 19 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

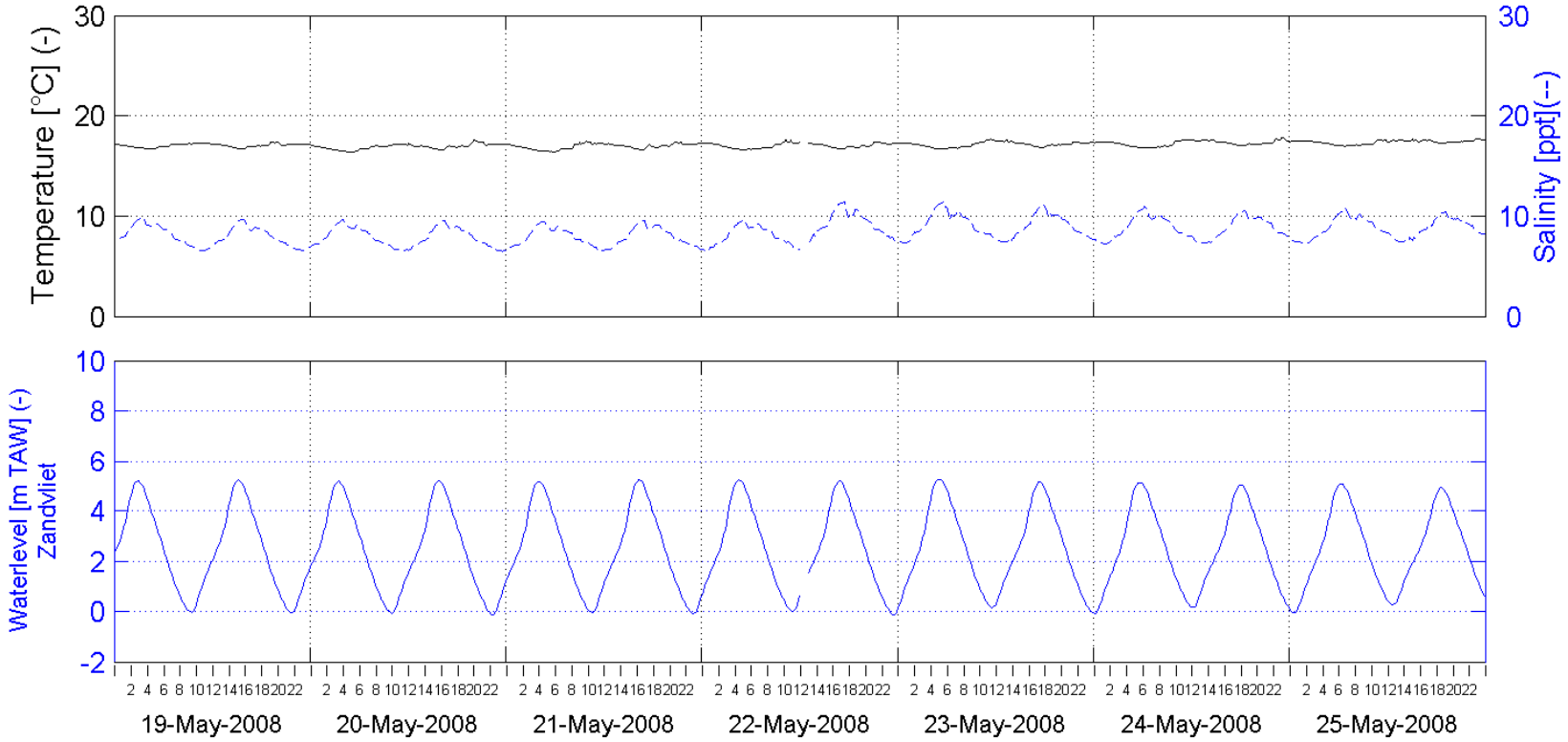
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 20 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

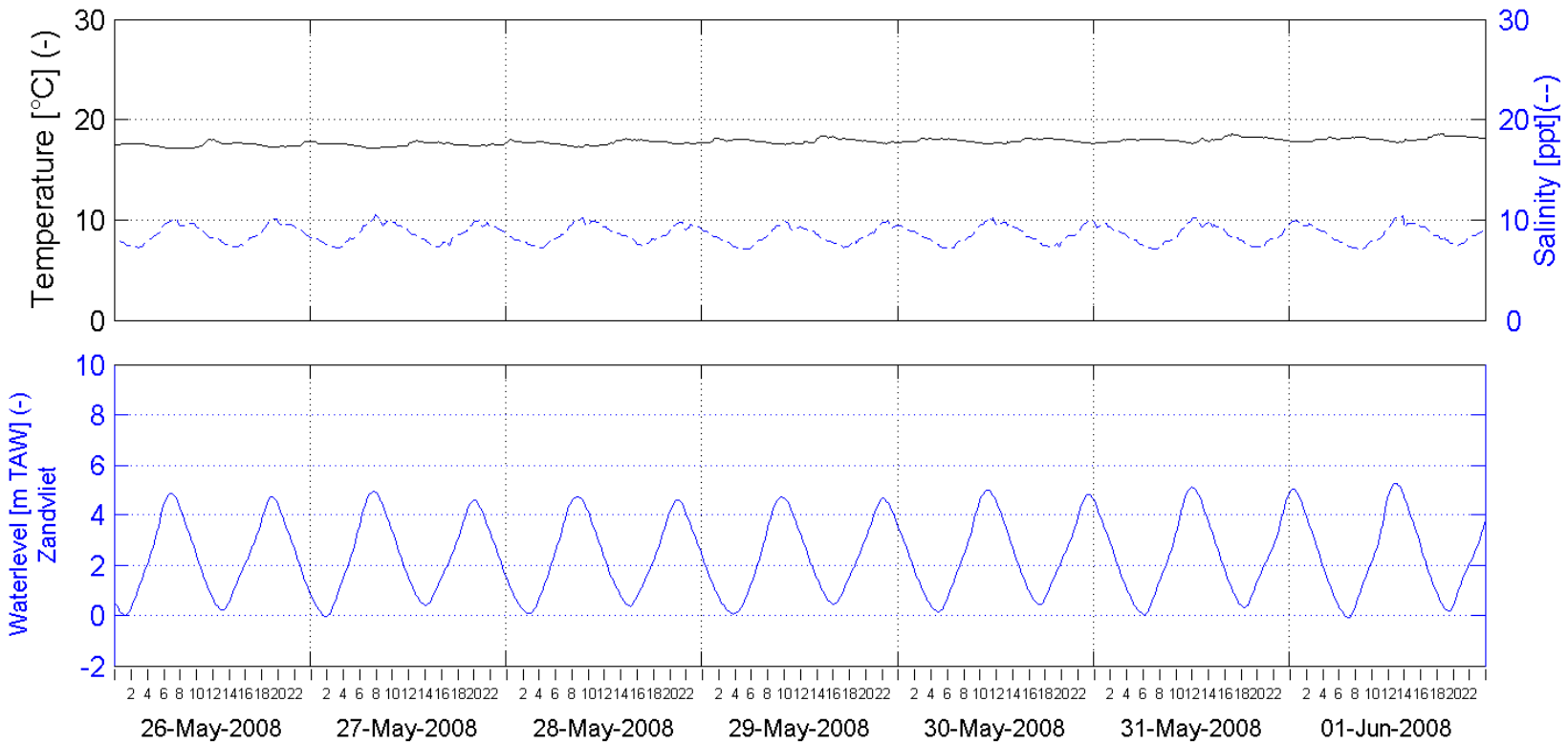
IMDC

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 21 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

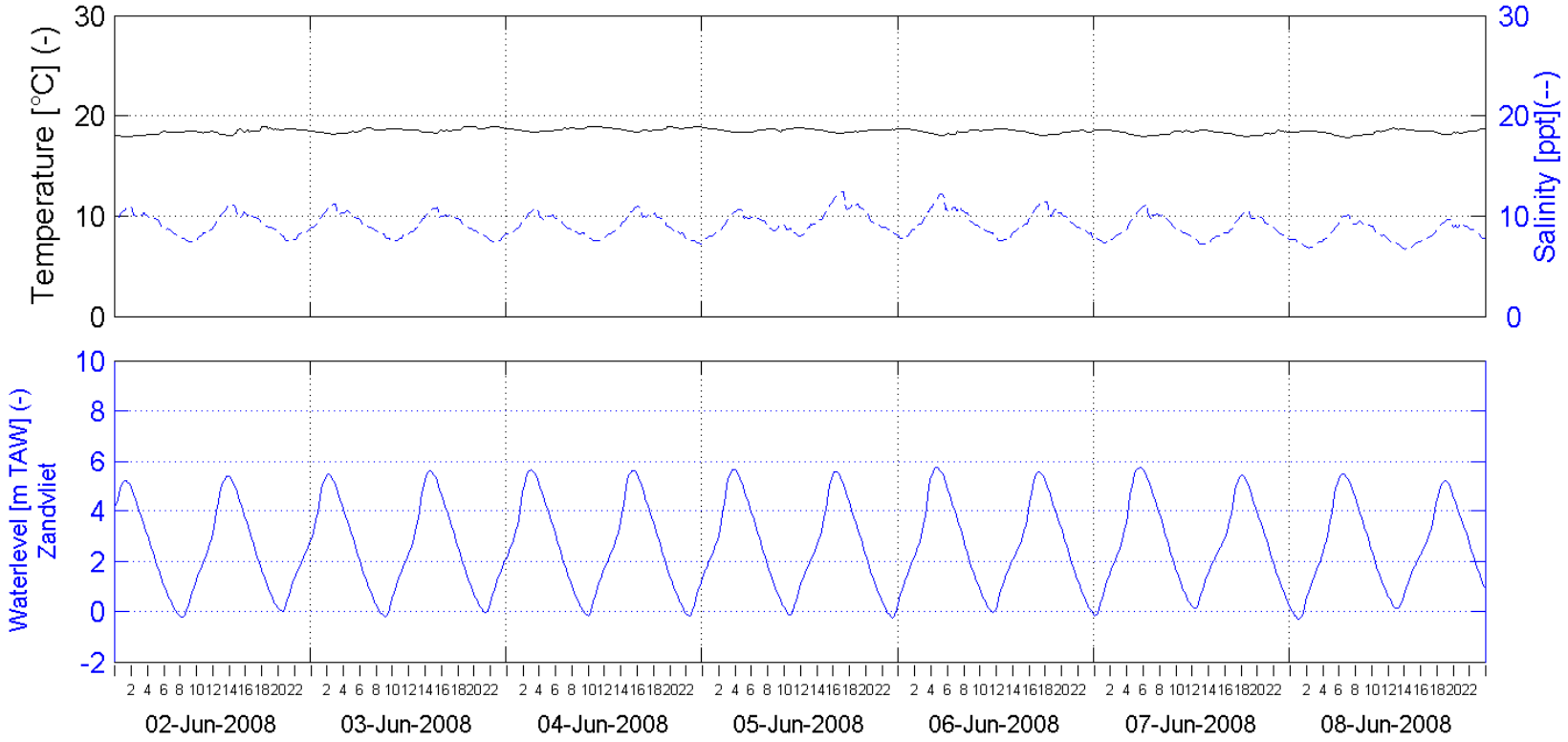
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 22 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

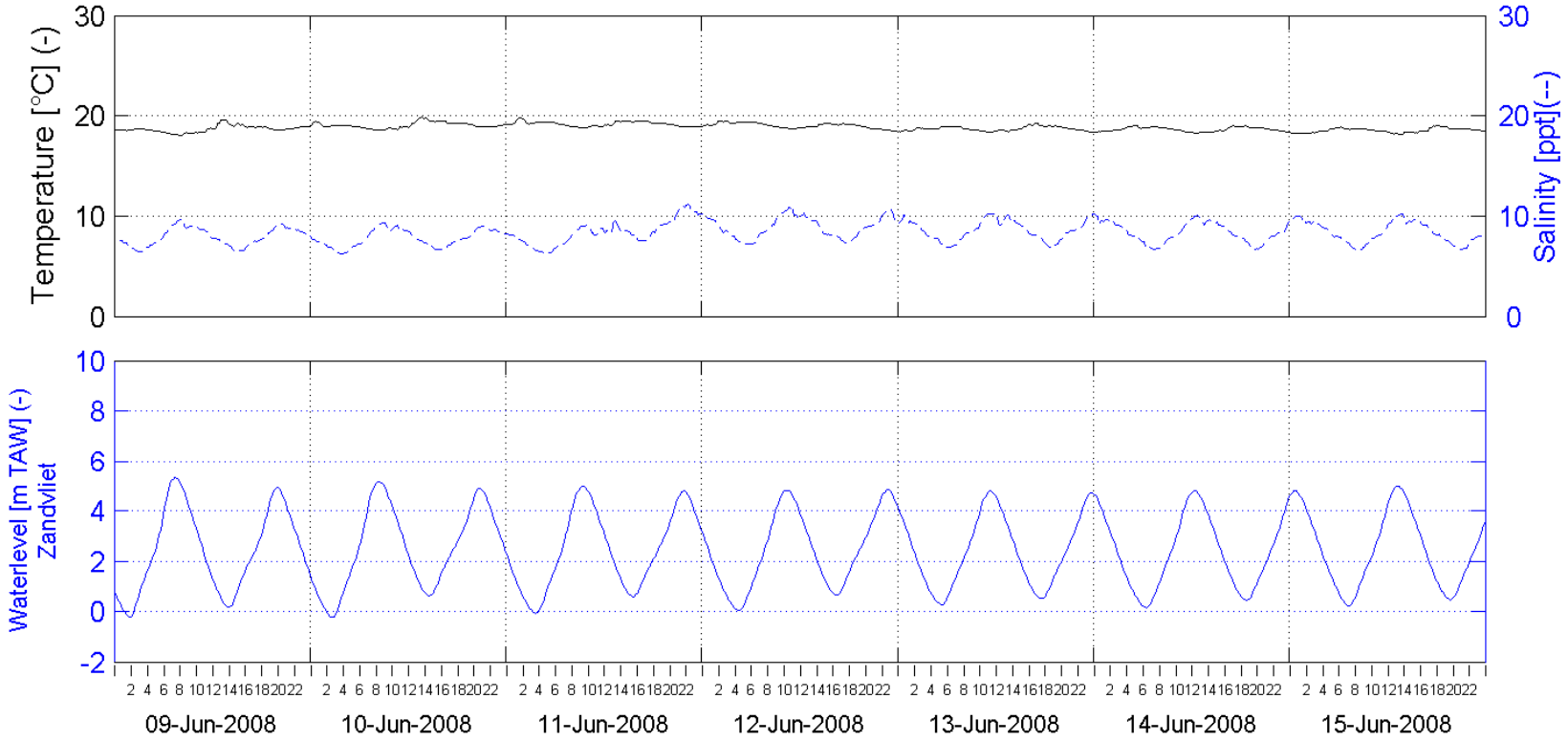
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 23 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

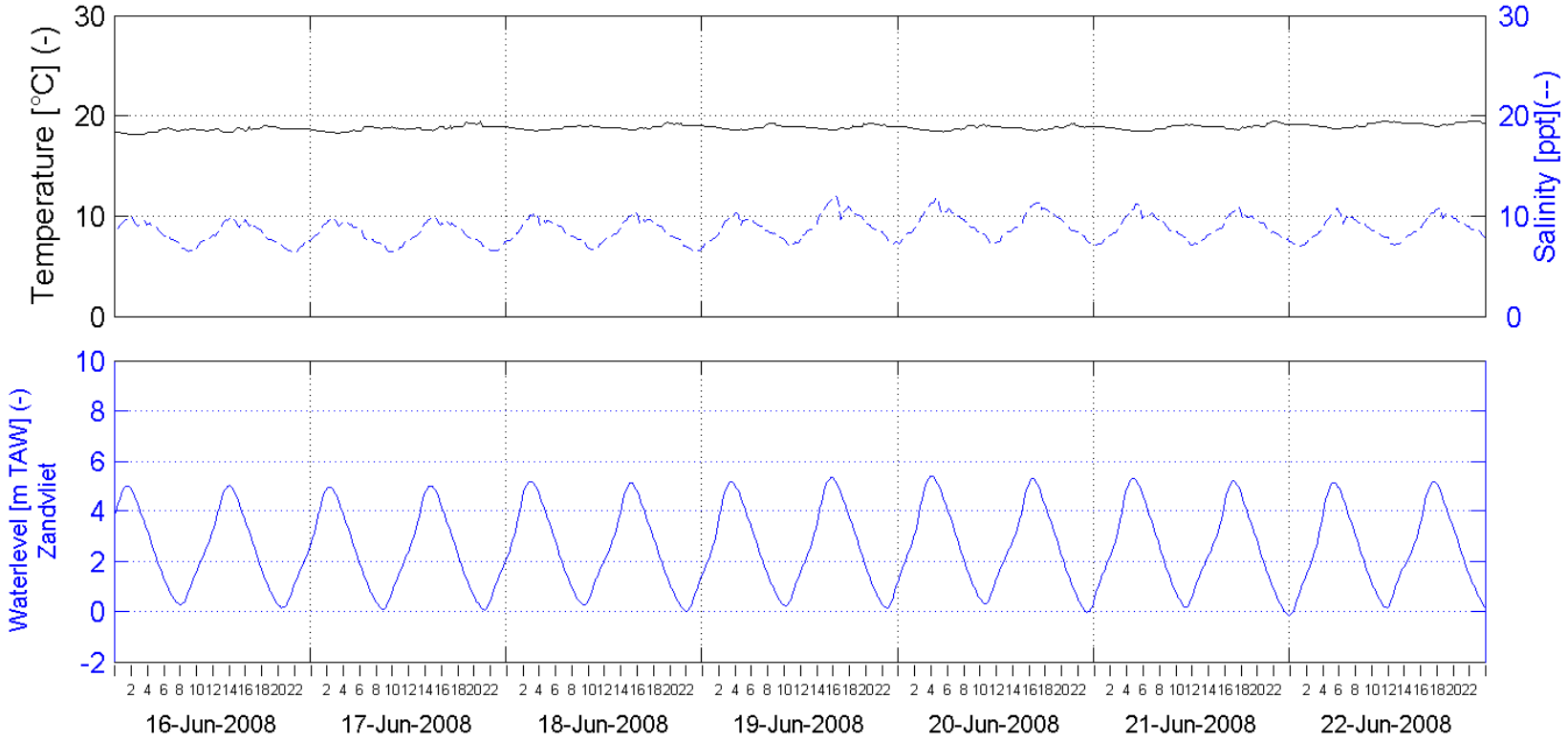
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 24 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

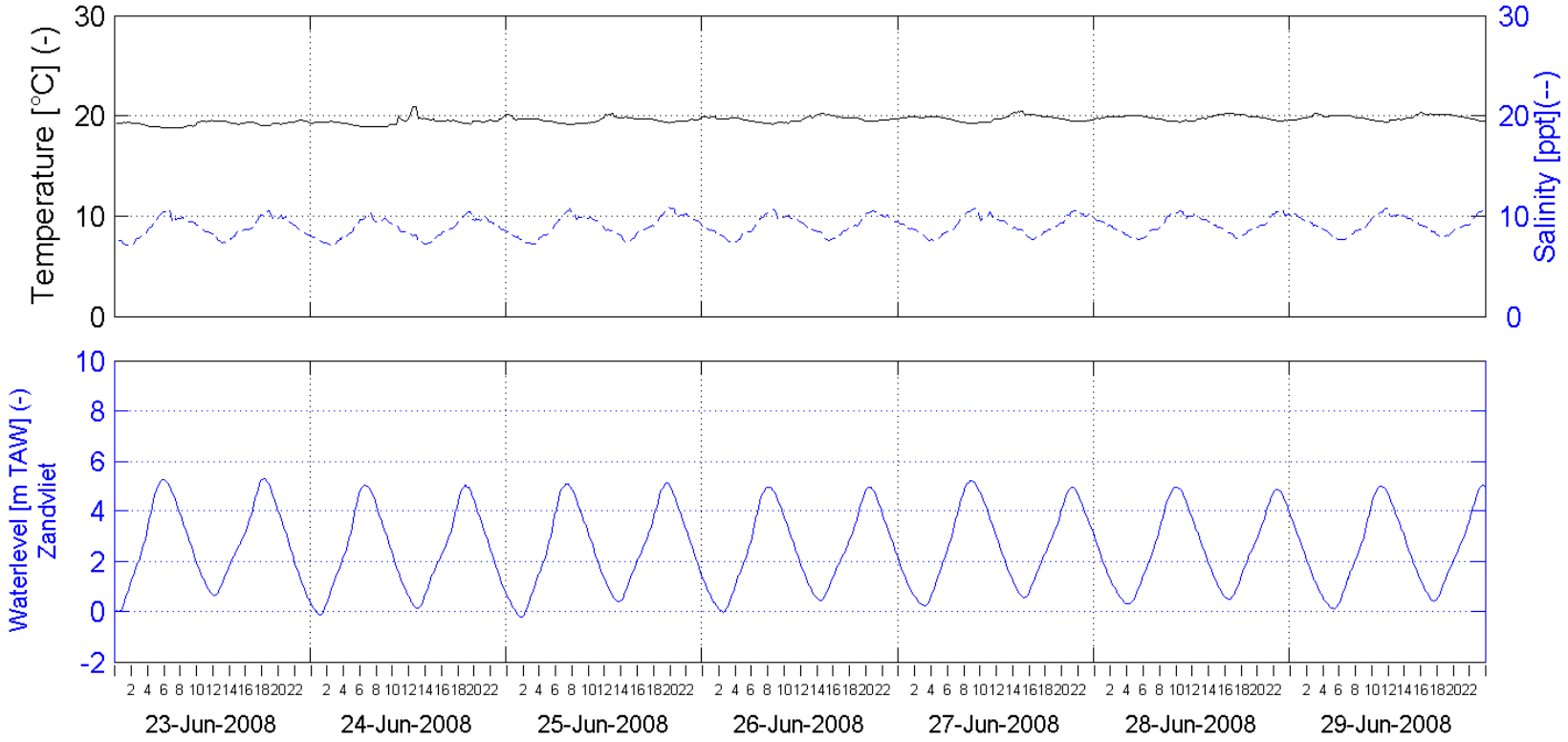
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 25 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

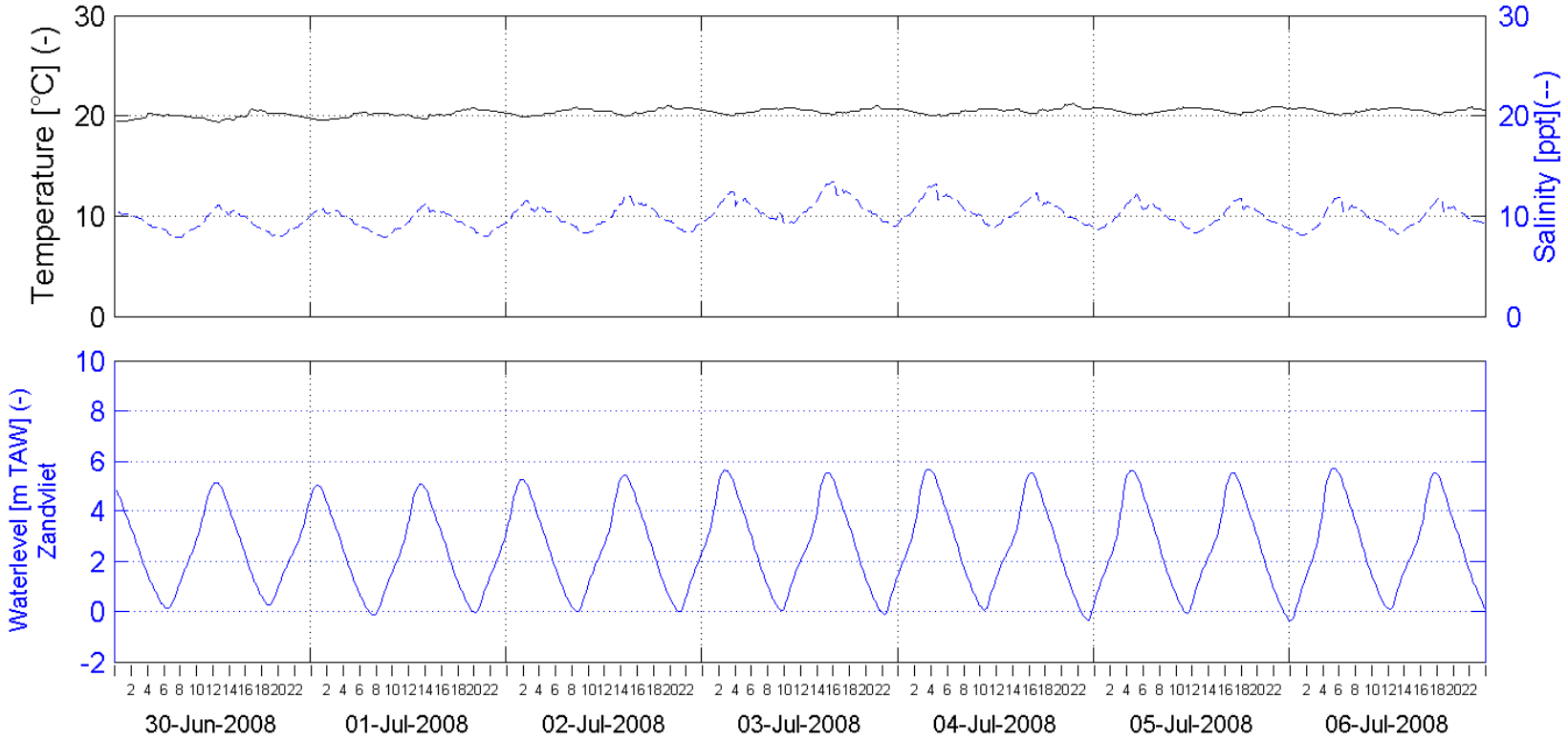
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 26 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

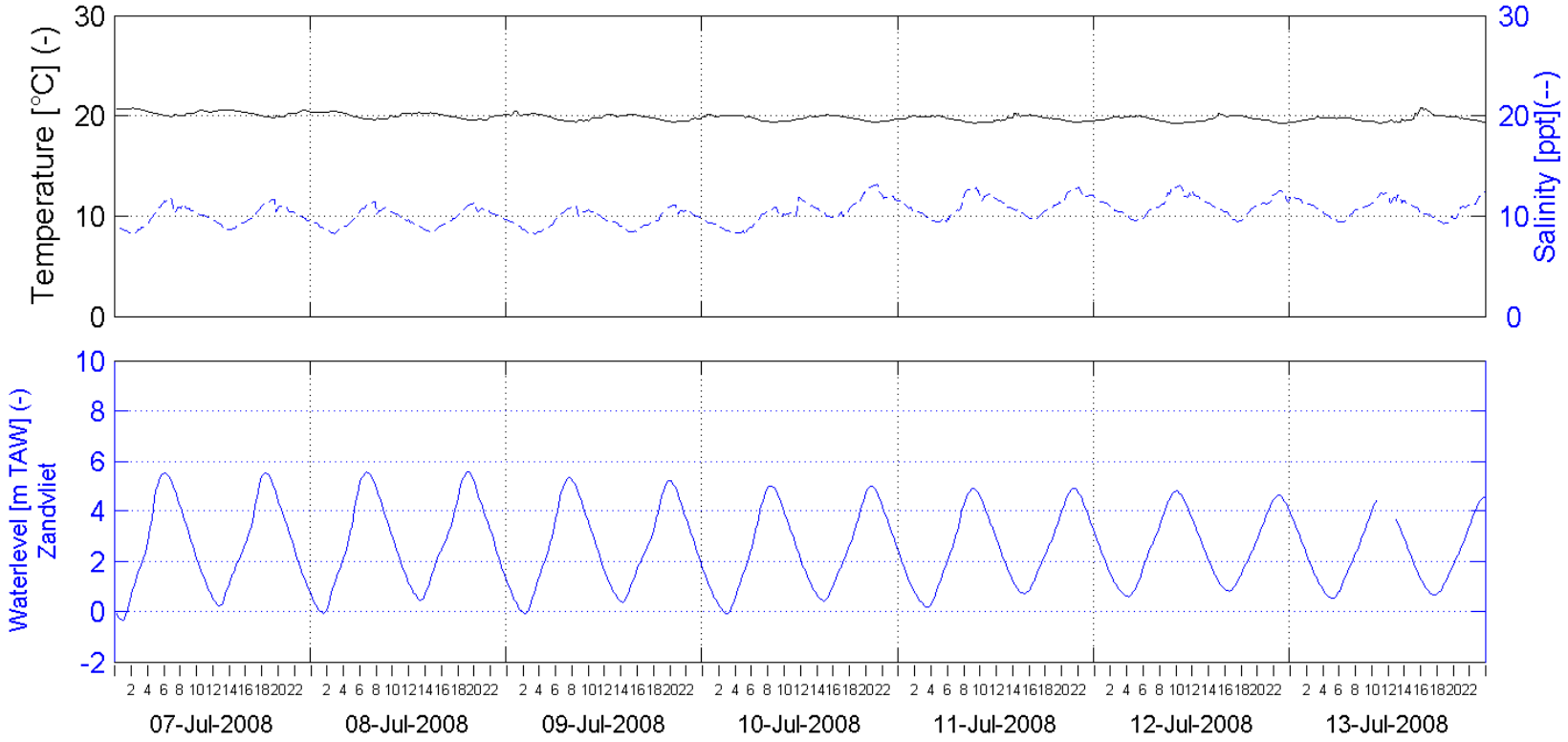
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 27 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

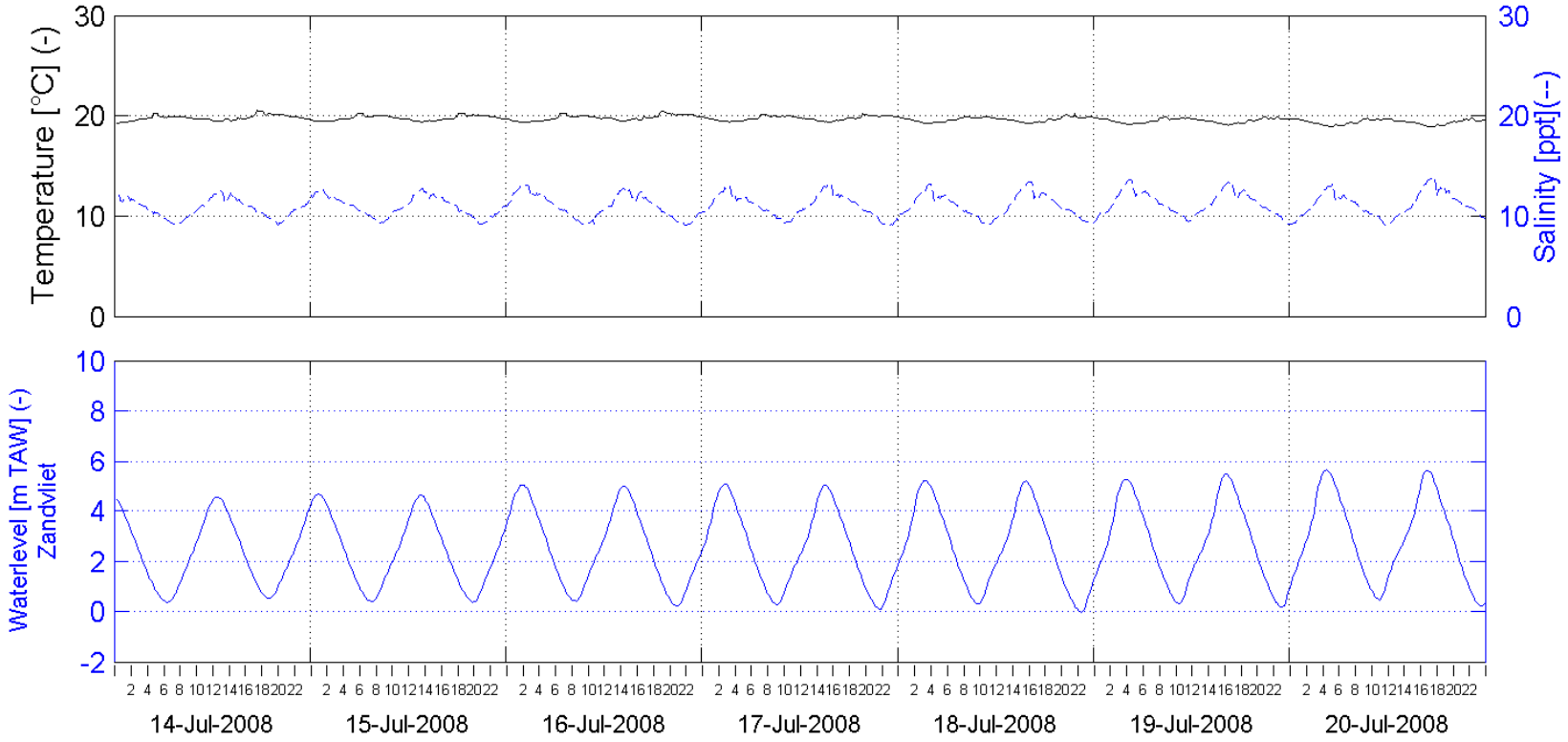
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 28 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

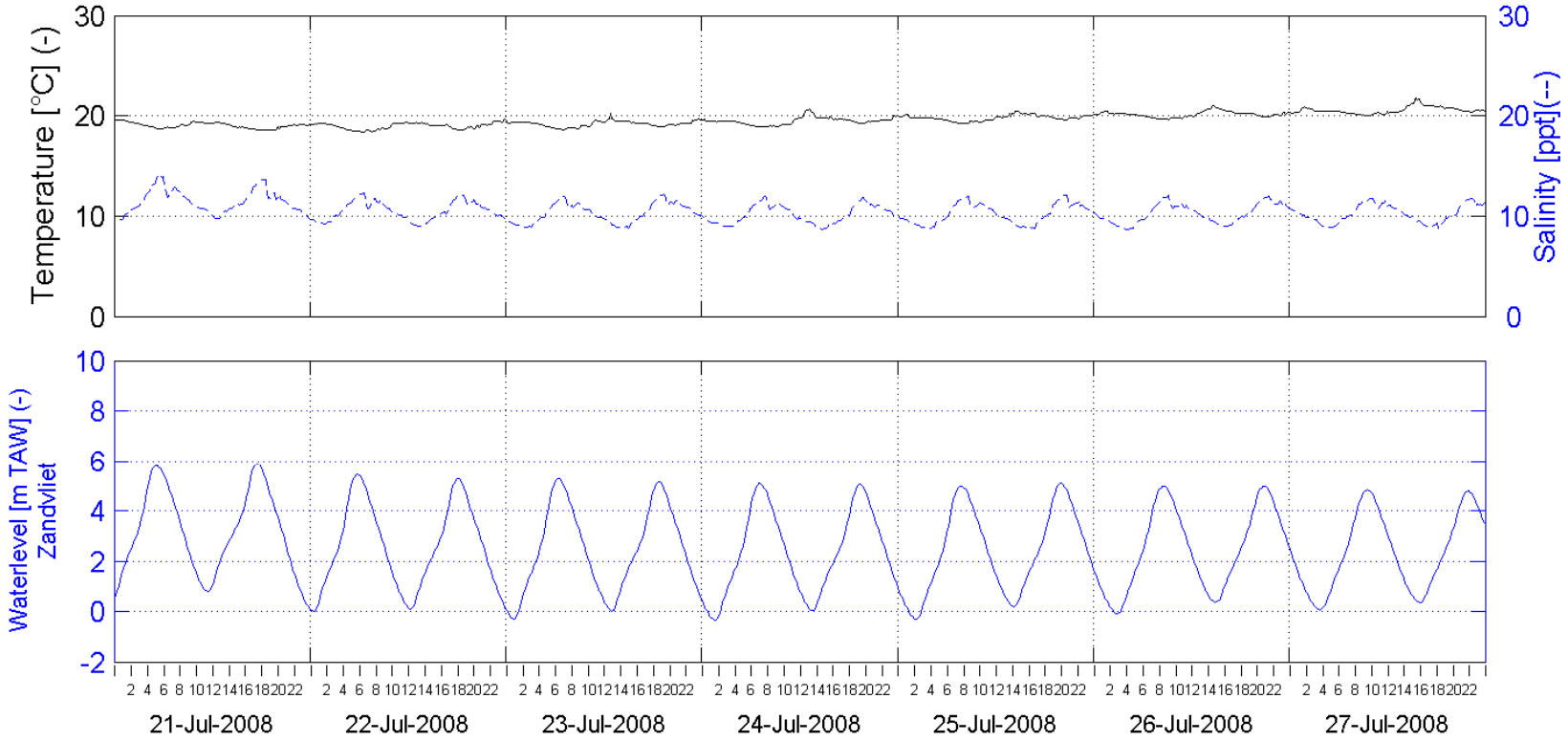
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 29 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

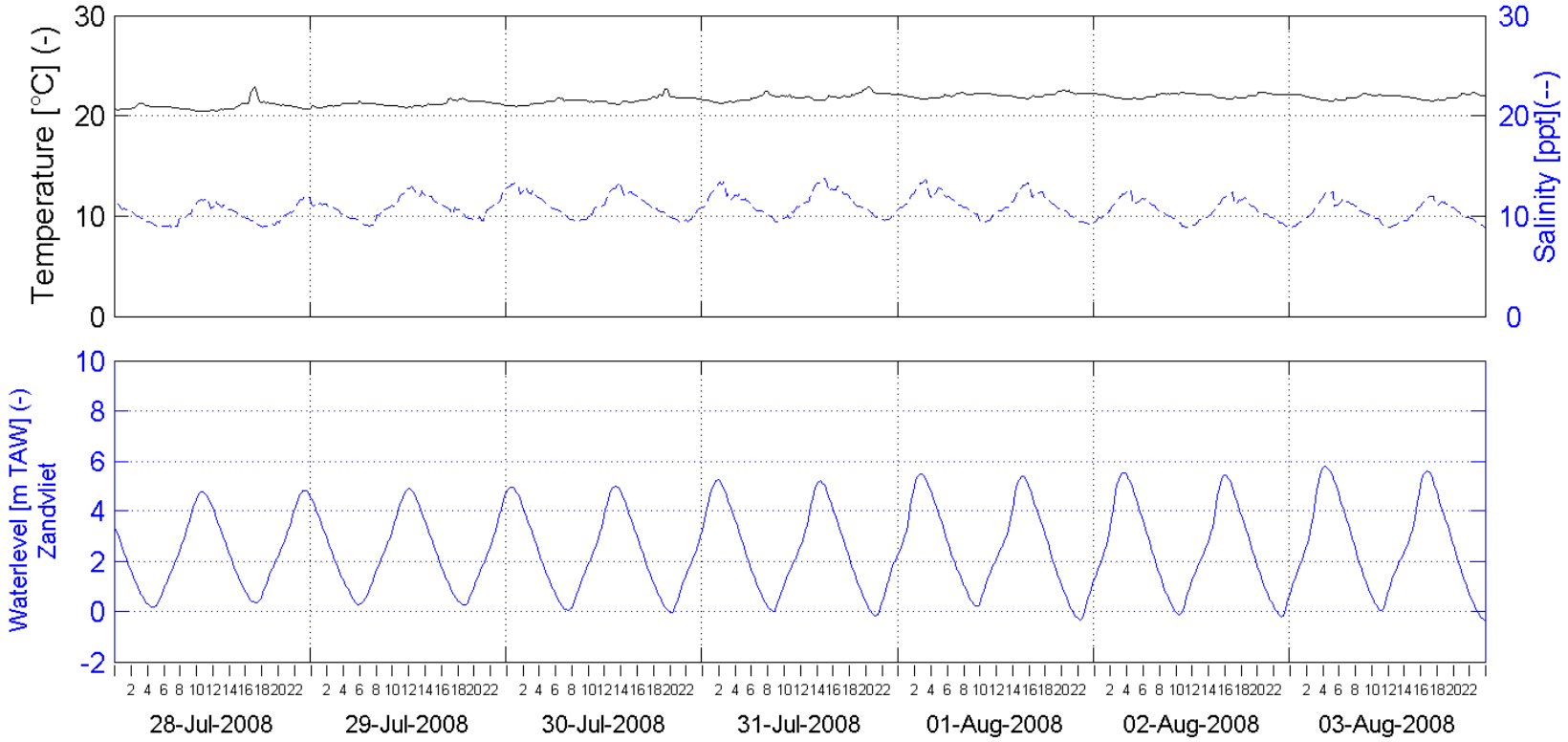
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 30 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

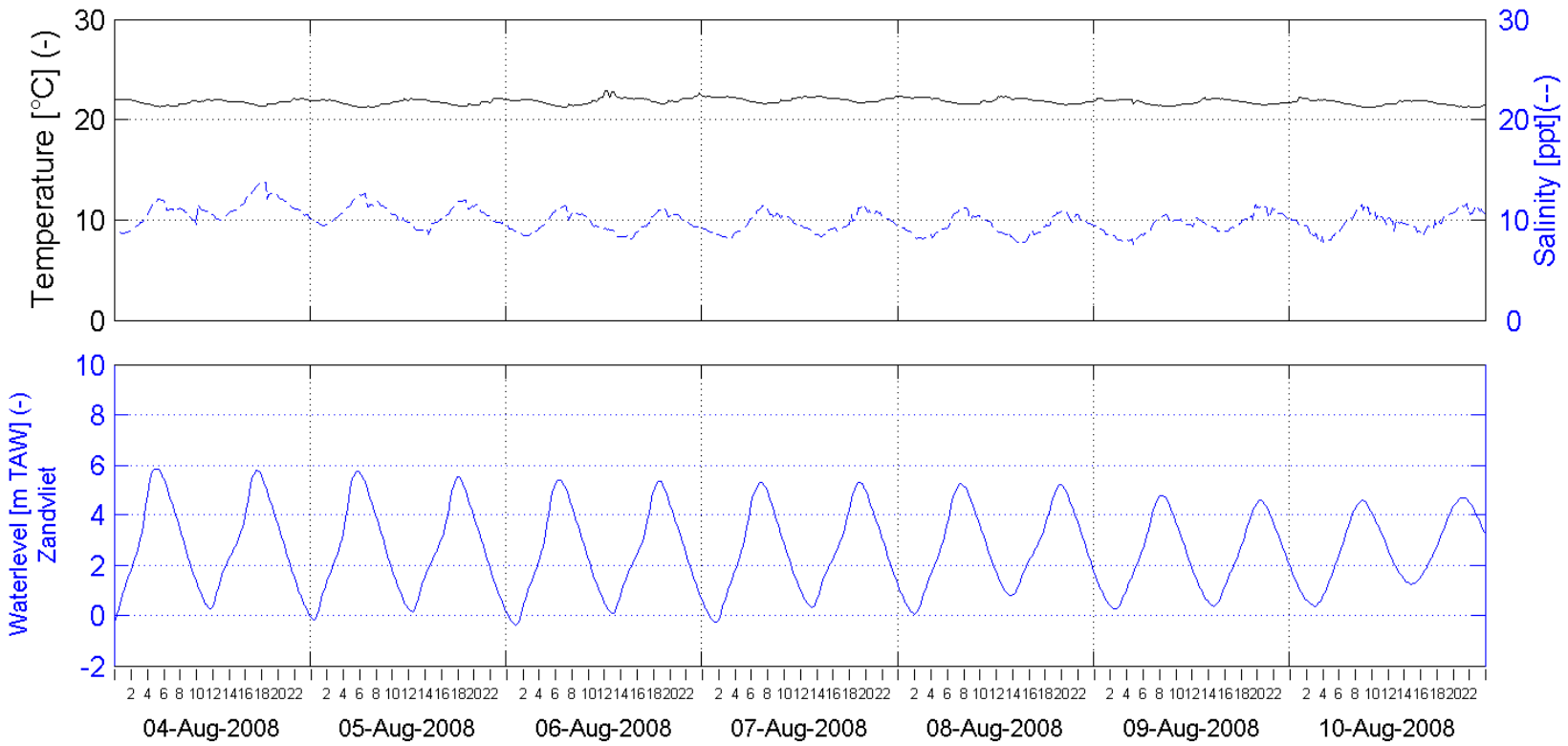
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 31 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

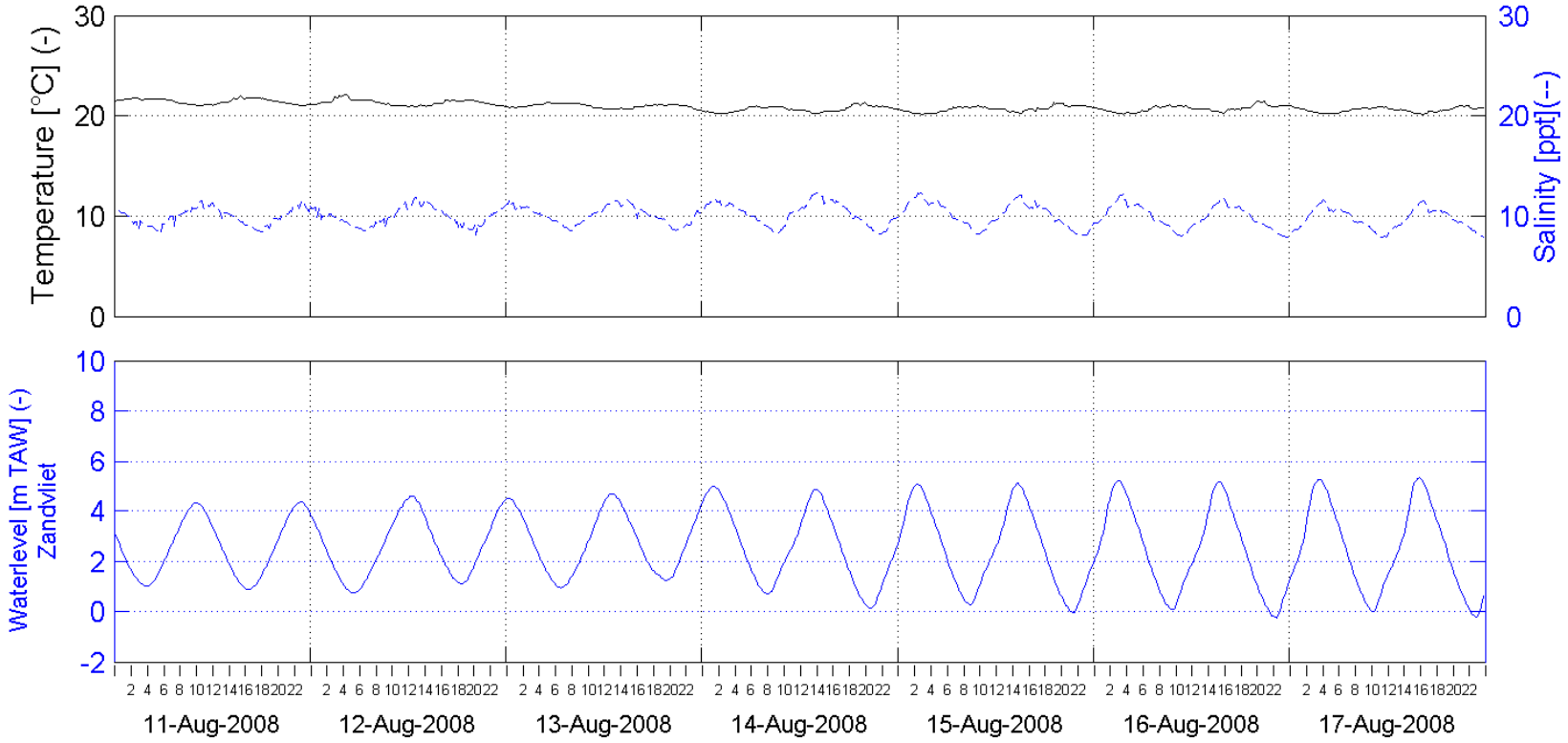
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 32 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

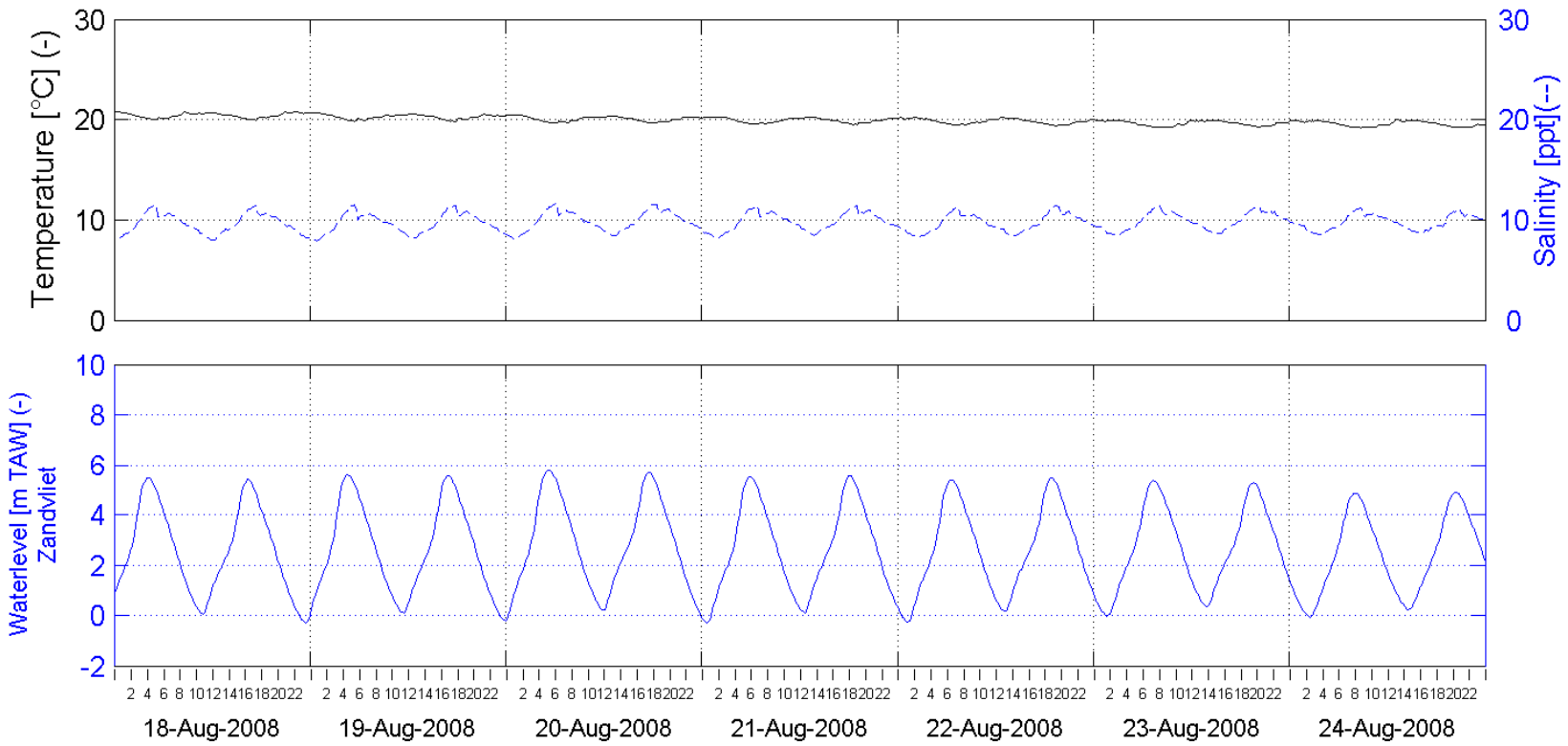
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 33 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

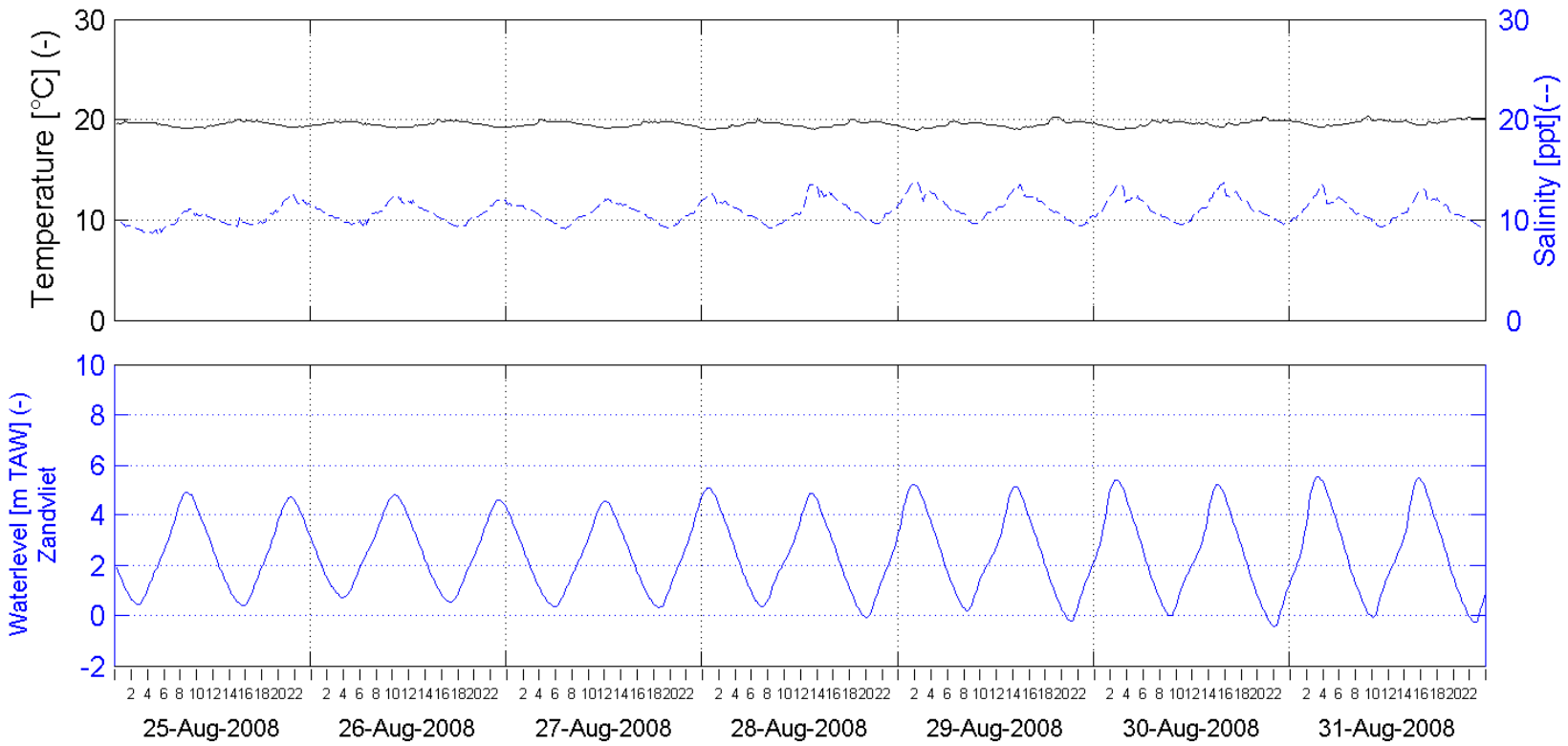
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 34 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

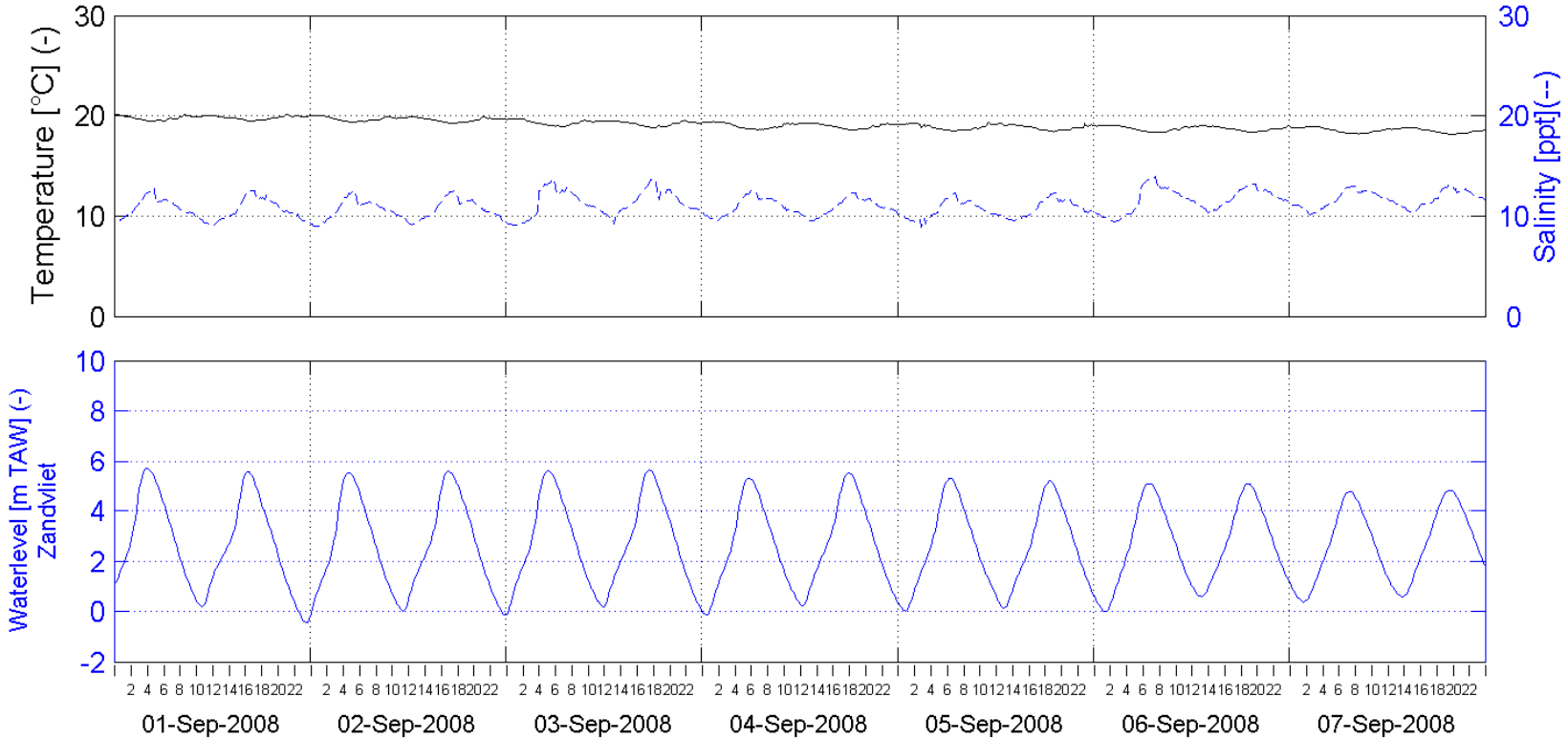
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 35 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

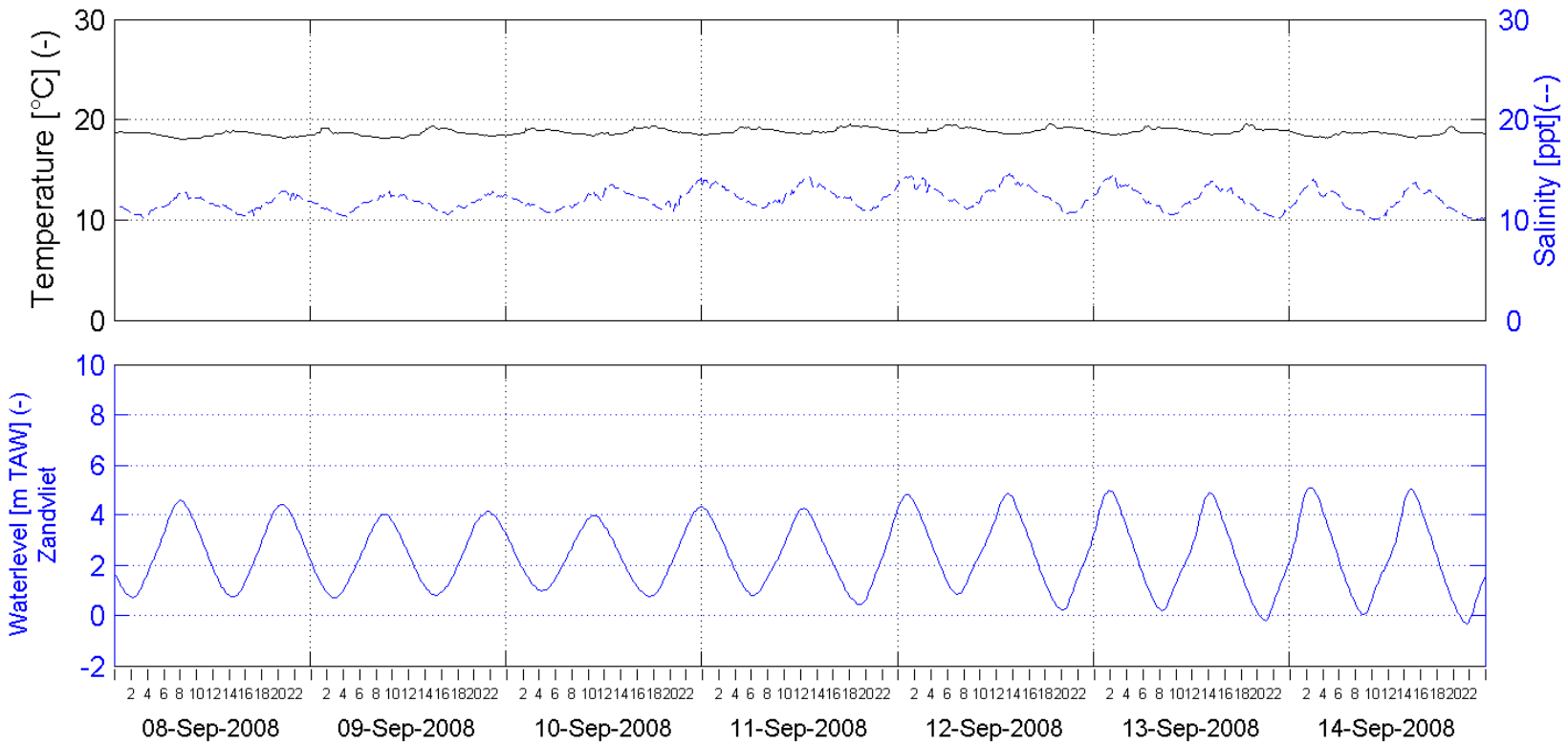
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 36 - 2008



Week series of Temperature, Salinity and Tide

Location:

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Processed by:

IMDC

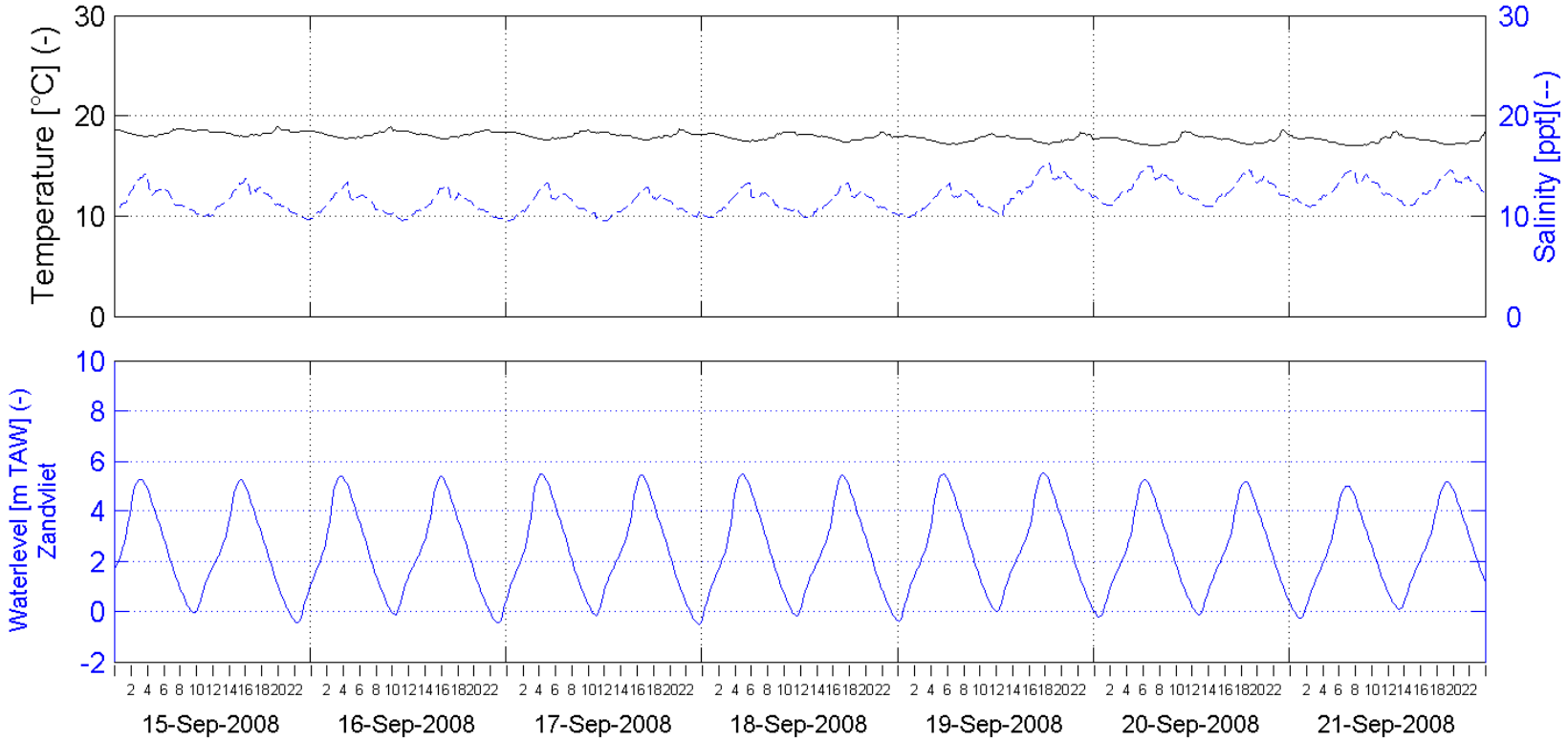
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 37 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

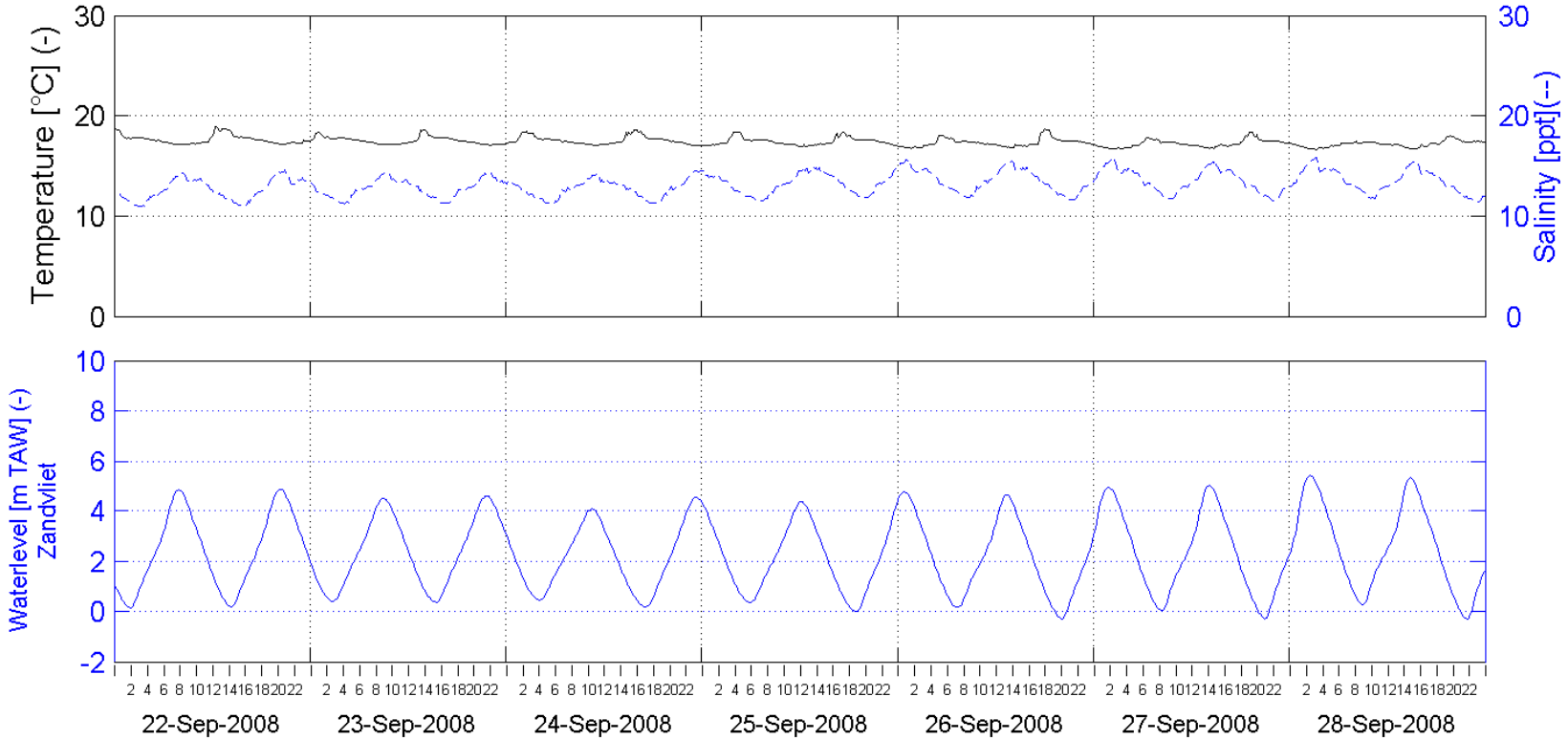
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 38 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

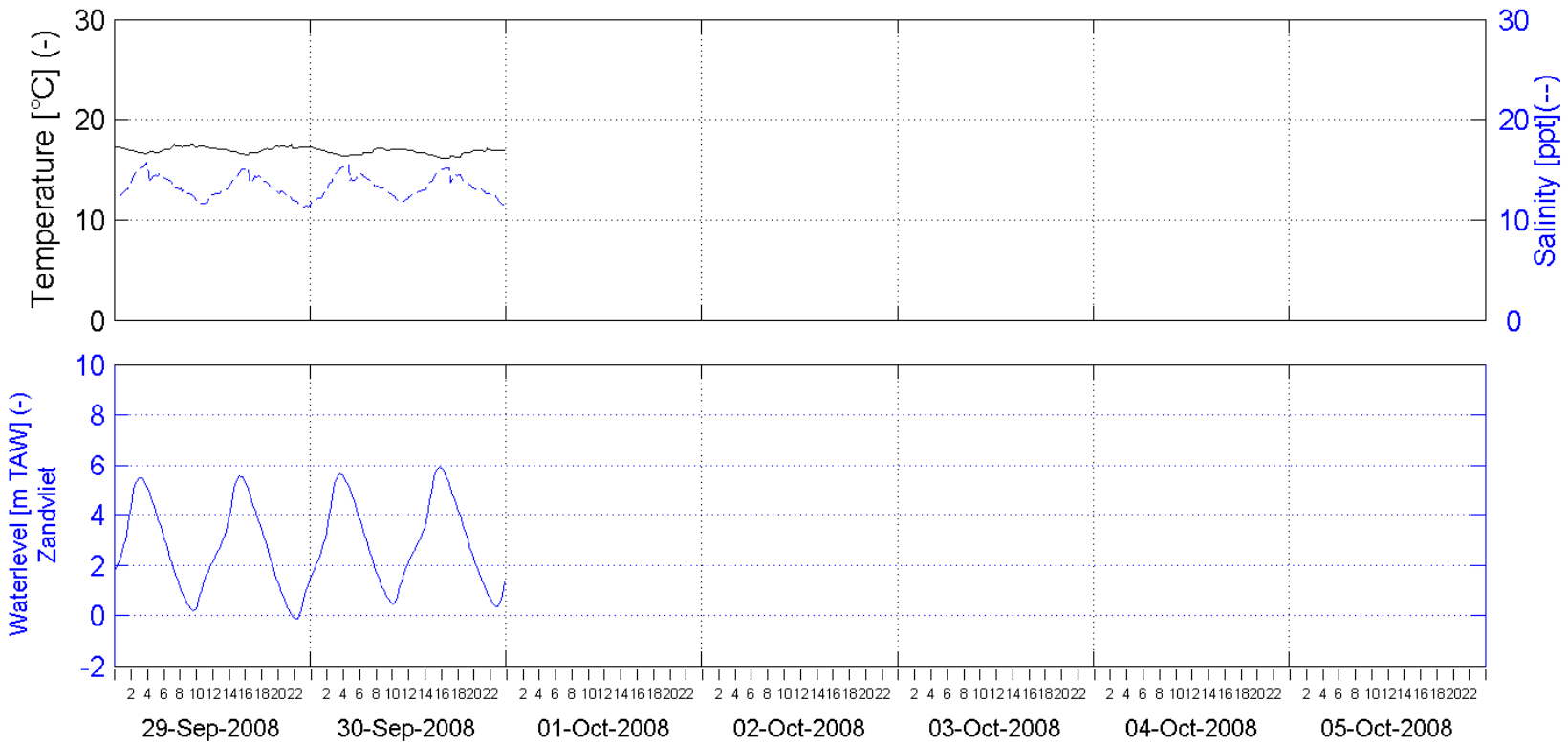
International Marine & Dredging Consultants

In Association with:

I/RA/11283/08.096/MSA

Boundary conditions: Six monthly report 01/04/2008 – 30/09/2008

Week 39 - 2008



Week series of Temperature, Salinity and Tide

Location:

Prosperpolder 2.5m above bottom (-1.5m TAW)

Processed by:

IMDC

In Association with:

I/RA/11283/08.096/MSA

C.2 Monthly results Minimum, Maximum and Average Velocity Magnitude, Temperature, Salinity & Suspended Sediment Concentration

Location: Oosterweel left bank
4.5 meter above bottom [-2.0 m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0.01	1.57	0.64
May 2008	0.01	1.42	0.66
June 2008	0	1.18	0.66
July 2008	0.01	1.26	0.66
August 2008	0	1.34	0.66
September 2008	0*	1.31*	0.68*
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	7.78	13.96	10.54
May 2008	12.98	18.88	16.8
June 2008	17.89	20.13	18.97
July 2008	18.69	22.01	20.06
August 2008	19.07	22.27	20.76
September 2008	15.86*	20.1*	18.21*

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	0.6	0.4	4.5	0.9	3	0.6
May 2008	3.8	0.5	6.3	1.5	5.6	1
June 2008	4.6	0.4	7.1	1.4	5.9	0.8
July 2008	6.8	1.2	8.3	2.5	7.7	1.7
August 2008	5.6	0.6	8.7	2.4	7.4	1.5
September 2008	7.6*	1.3*	11*	3.3*	9.1*	2.1*
Suspended sediment concentration [mg/l]						
Month	**Minimum**		**Maximum**		**Average**	
April 2008	1.81		1857.83		80.59	
May 2008	3.25		1211.06		319.52	
June 2008	3.25		994.85		152.17	
July 2008	6.15		1936.32		264.97	
August 2008	7.09		1619.16		297.67	
September 2008	8.68*		906.52*		190.4*	

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Location: Oosterweel left bank
1.0 meter above bottom [-5.5 m TAW]

Velocity magnitude [m/s]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	0	1.32	0.52
May 2008	0.01	1.18	0.51
June 2008	0	1.07	0.52
July 2008	0.01	1.16	0.51
August 2008	0	1.18	0.51
September 2008	0	1.19	0.52
Temperature [°C]			
Month	***Minimum***	***Maximum***	***Average***
April 2008	7.77	13.92	10.53
May 2008	12.95	18.87	16.78
June 2008	17.92	20.12	18.97
July 2008	18.68	22.02	20.07
August 2008	19.06	22.31	20.77
September 2008	15.87	20.12	17.99

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	0.7	0.4	4.5	0.9	3	0.6
May 2008	3.1	0.6	6.3	1.7	5.6	1.1
June 2008	4.7	0.5	7.2	1.5	5.9	0.8
July 2008	6.8	1.2	8.3	2.5	7.7	1.7
August 2008	5.6	0.7	8.7	2.6	7.5	1.6
September 2008	7.7	1.4	10.9	3.3	9.2	2.2
Suspended sediment concentration [mg/l]						
Month	***Minimum***		***Maximum***		***Average***	
April 2008	0.67		2110.73		104.12	
May 2008	3.15		2288.13		459.91	
June 2008	0.68		2368.94		201.19	
July 2008	5.62		1923.44		365.18	
August 2008	0.73		2057.47		421.49	
September 2008	15.73		1118.04		242.07	

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

Location: Prosperpolder[3]
2.5 meter above bottom [-1.5 m TAW]

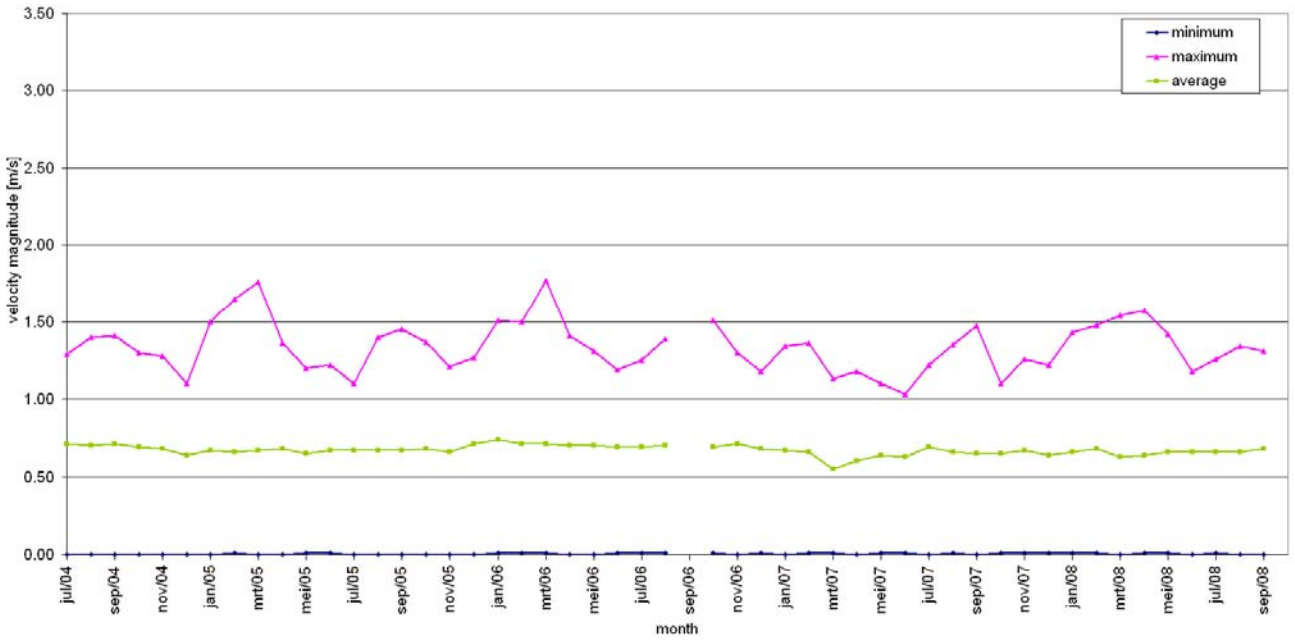
Temperature [°C]						
Month	***Minimum***		***Maximum***		***Average***	
April 2008	8.47		13.74		10.39	
May 2008	12.48		18.56		16.26	
June 2008	17.74		20.89		18.93	
July 2008	18.4		22.87		20.06	
August 2008	18.97		22.94		20.69	
September 2008	16.16		20.12		18.2	
Salinity [ppt]						
Month	***Minimum***		***Maximum***		***Average***	
	HW	***LW***	***HW***	***LW***	***HW***	***LW***
April 2008	4.1	2.2	9.5	7	7.5	4.6
May 2008	9.2	5.7	11.2	8.2	10.2	7.3
June 2008	8.9	6.6	11.9	8.7	10.3	7.7
July 2008	10.6	8.4	13.9	10.5	12.2	9.5
August 2008	10.4	8.2	13.8	10.7	11.7	9.2
September 2008	12	9.3	15.4	12.5	13.6	11

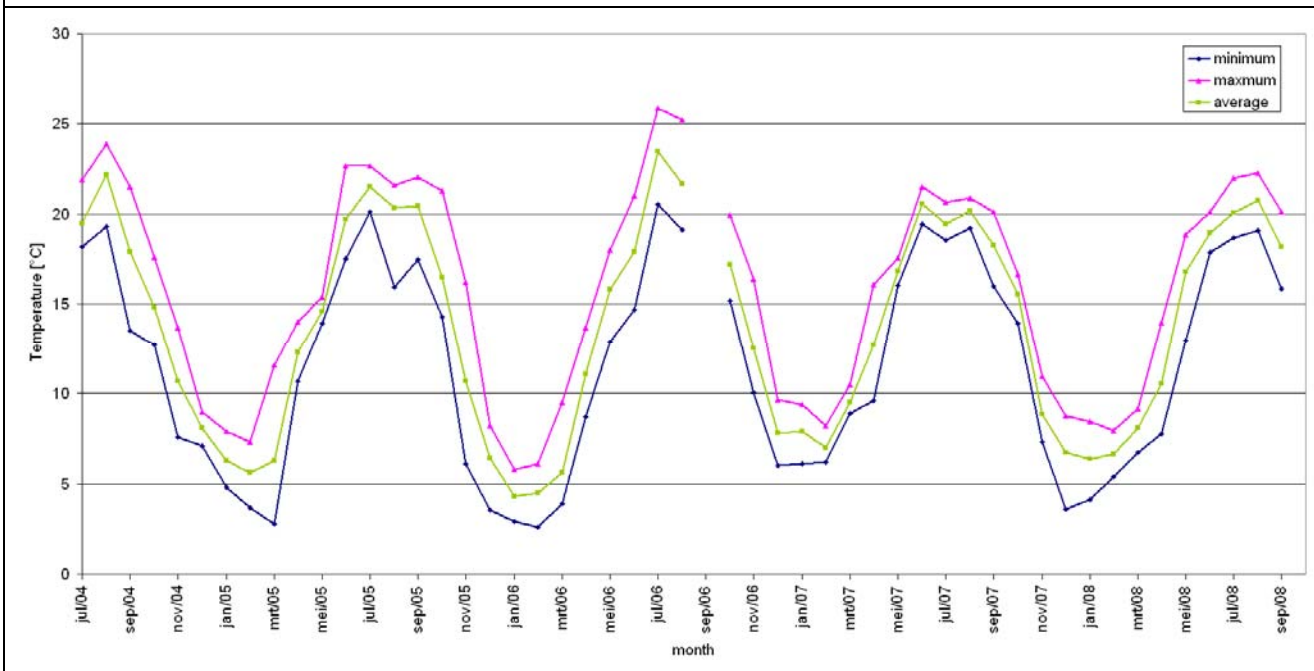
-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

[3] Current velocity and suspended sediment were not measured at Prosperpolder.

C.3 Graphs monthly results for the whole deployment period

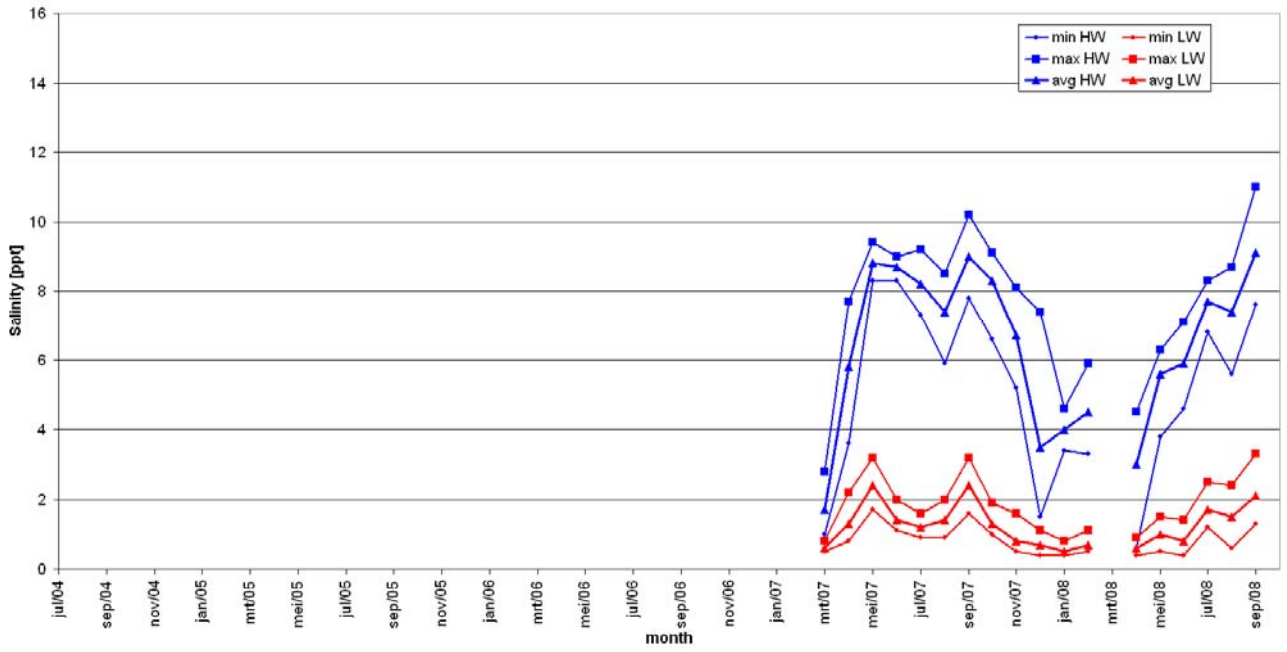
Velocity magnitude & temperature

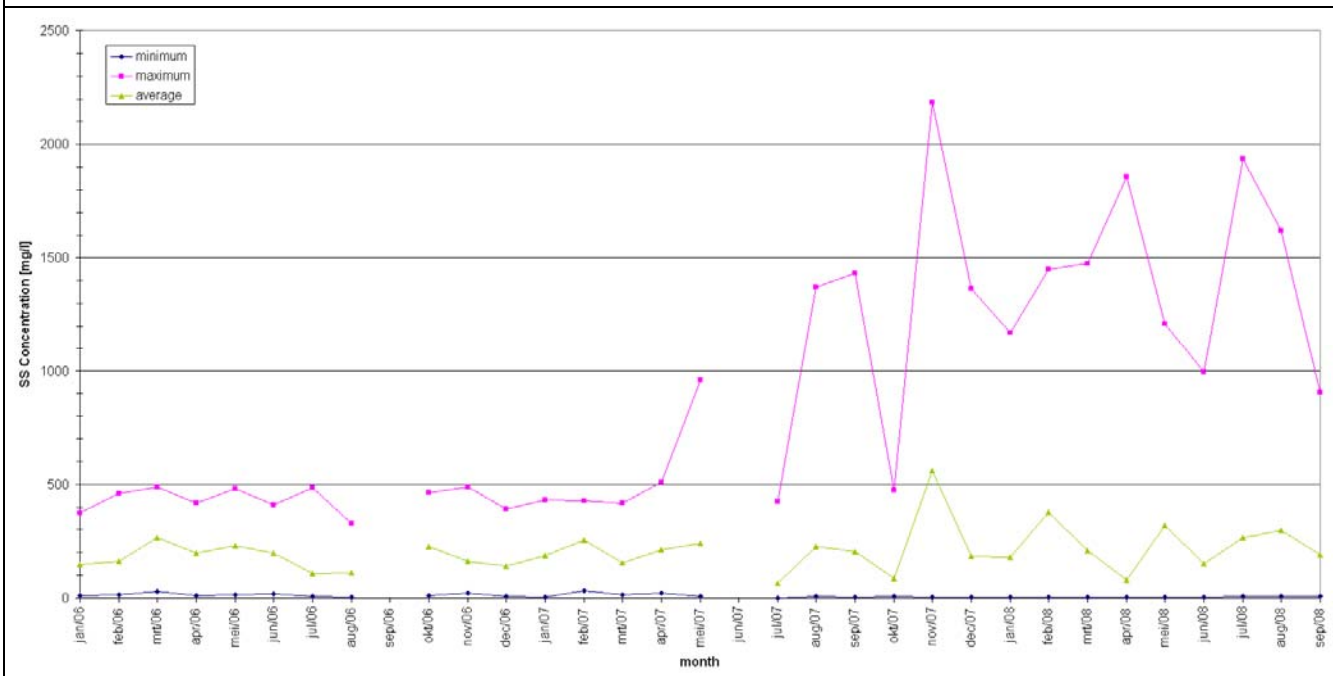




Oosterweel left bank **4.5m above bottom (-2.0m TAW)**	*Data processed by:* IMDC *In association with:* WL | delft hydraulics *I/RA/11283/08.096/MSA*

Salinity & SS Concentration





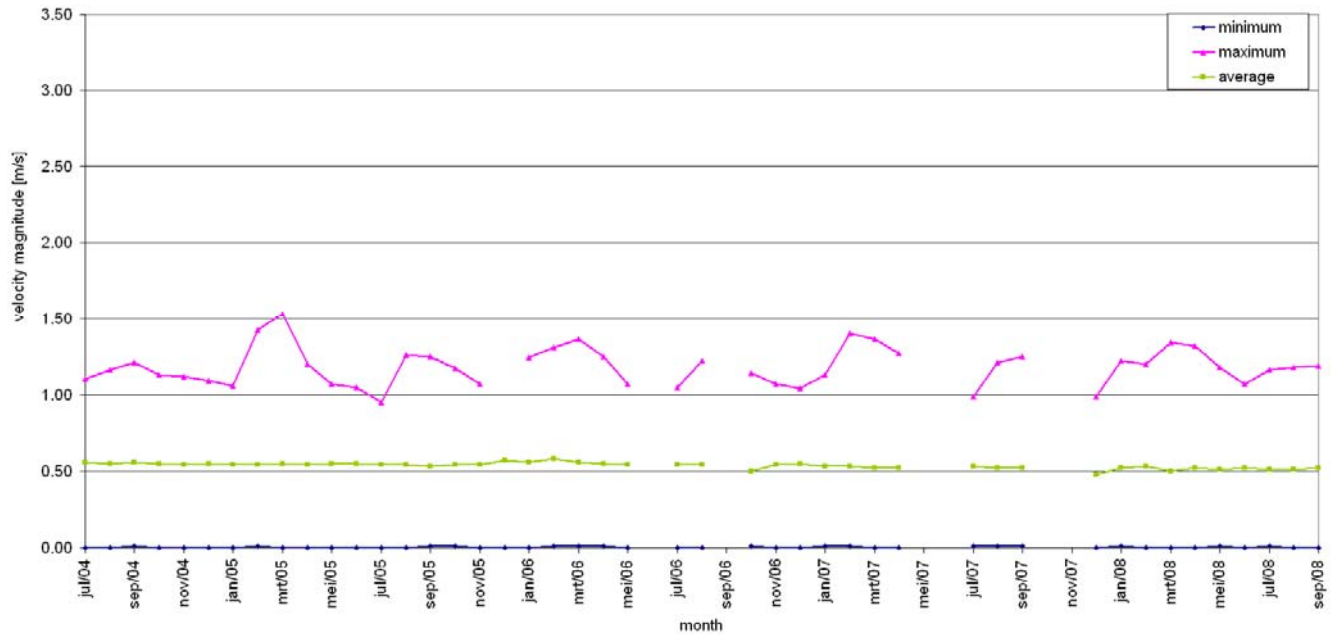
Oosterweel left bank
4.5m above bottom (-2.0m TAW)

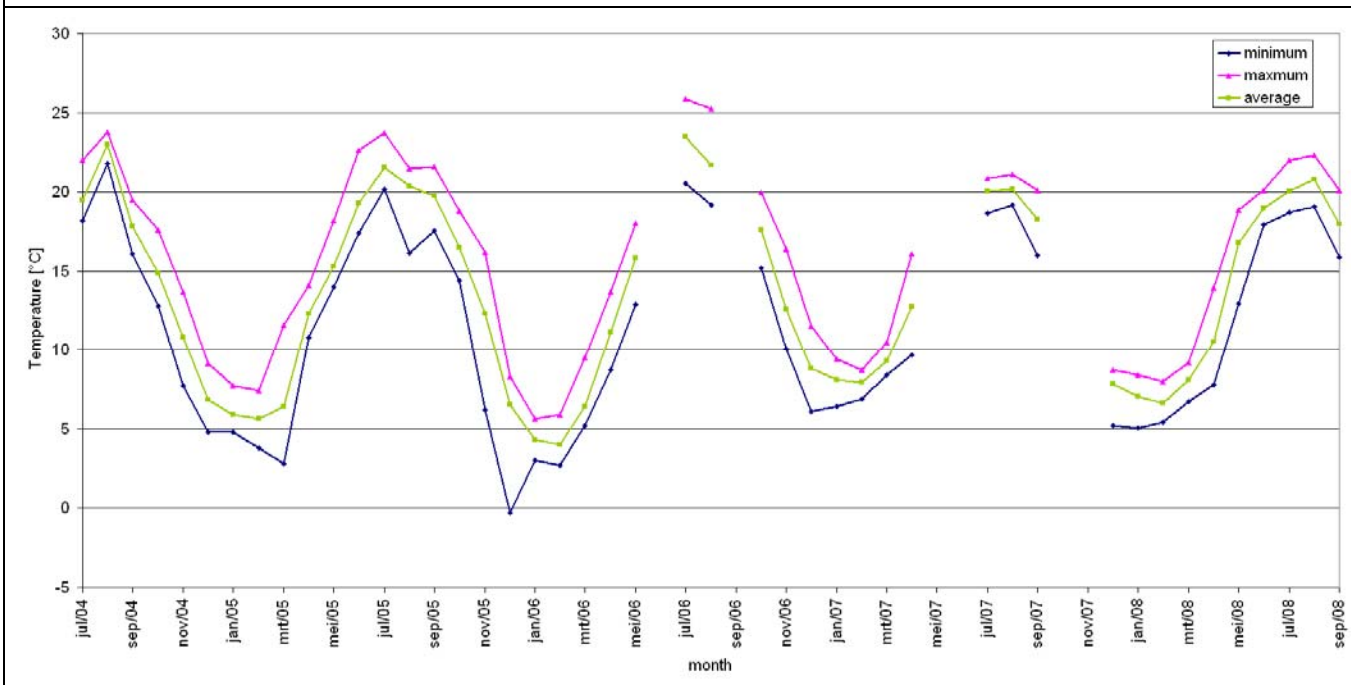
Data processed by:

In association with:

I/RA/11283/08.096/MSA

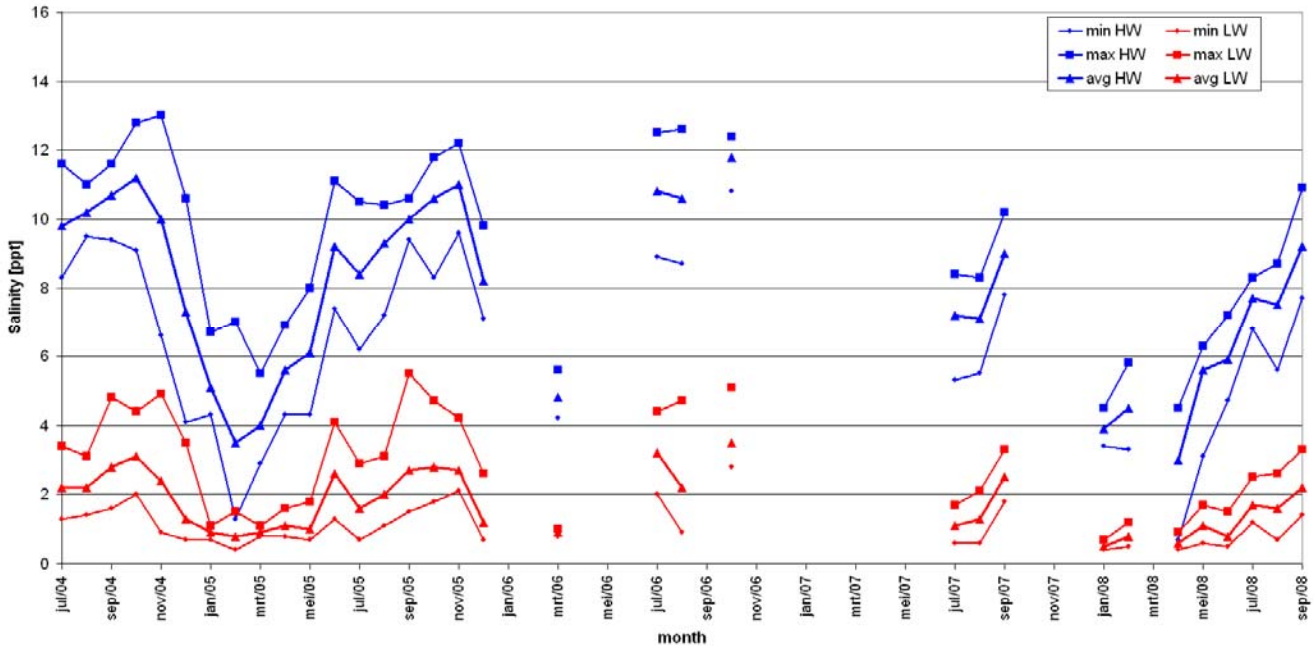
Velocity magnitude & temperature

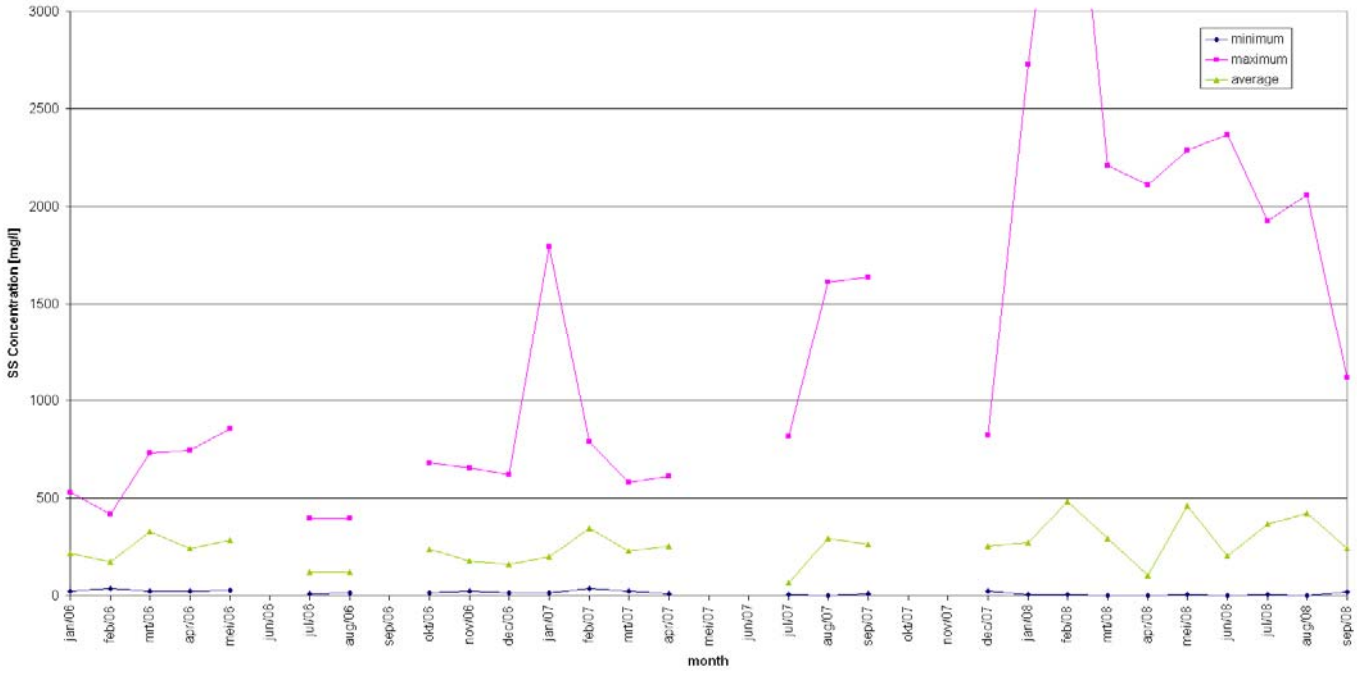




Oosterweel left bank **1m above bottom (-5.5m TAW)**	*Data processed by:* IMDC *In association with:* WL | delft hydraulics *I/RA/11283/08.096/MSA*

Salinity & SS Concentration





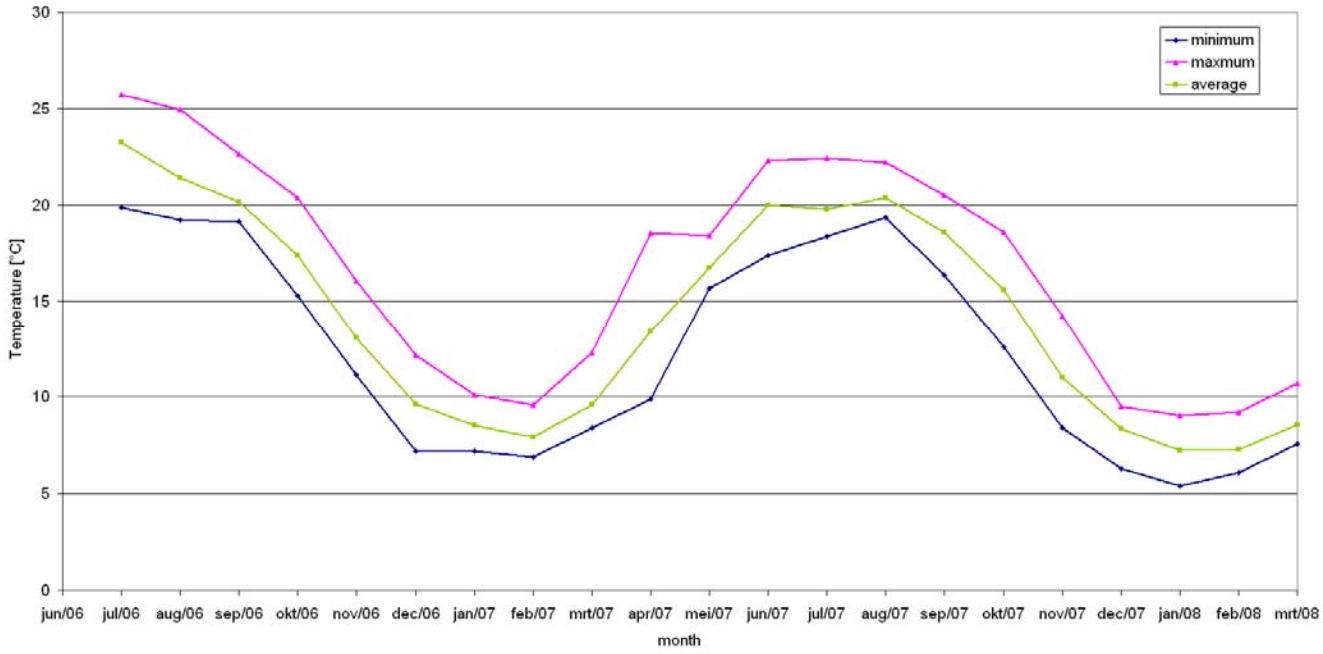
Oosterweel left bank
1m above bottom (-5.5m TAW)

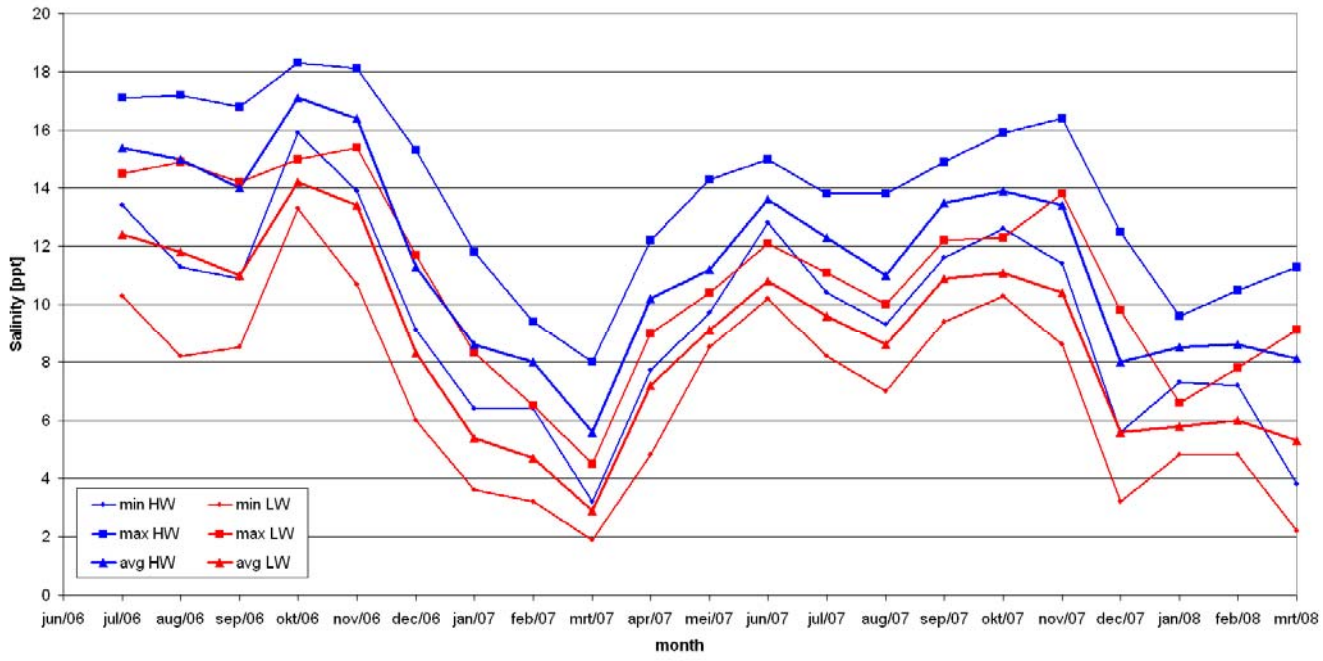
Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

Temperature & Salinity





Propsperpolder
2.5m above bottom (-1.5m TAW)

Data processed by: IMDC

In association with: WL | delft hydraulics

I/RA/11283/08.096/MSA

C.4 Total result from April 2008 till September 2008 of velocity magnitude, temperature, salinity and suspended sediment concentration

Averages for the whole deployment period of each instrument [April 2008 – September 2008]

Location	***Depth [m TAW]***	***Velocity [m/s]***			***Temperature [°C]***			***SS concentration [mg/l]***		
		Min	***Max***	***Avg***	***Min***	***Max***	***Avg***	***Min***	***Max***	***Avg***
Oosterweel left bank	-2.0	0	1.57	0.66	7.8	22.3	17.6	1.8	1936	220
Oosterweel left bank	-5.5	0	1.32	0.52	7.8	22.3	17.5	0.7	2369	302
Prosperpolder	-1.5	-	-	-	8.5	22.9	17.5	-	-	-

Salinity [ppt]							
Location	**Depth [m TAW]**	**Minimum**		**Maximum**		**Average**	
		Slack HW	***Slack LW***	***Slack HW***	***Slack LW***	***Slack HW***	***Slack LW***
Oosterweel left bank	-2.0	0.6	0.4	11	3.3	6.4	1.3
Oosterweel left bank	-5.5	0.7	0.4	10.9	3.3	6.5	1.4
Prosperpolder	-1.5	4.1	2.2	15.4	12.5	10.9	8.2

-: No data or less than 30% of the monthly data available.
*: Less than 70% of the monthly data available.

APPENDIX D.
MONTHLY RESULTS: MINIMUM, MAXIMUM AND

AVERAGE SALINITY AT BAALHOEK AND

HOOFDPLAAT

Location: Baalhoek

Upper cell: floating at water surface

Lower cell: 4.7 meter above bottom [-3.1m TAW]

Salinity [ppt] (upper cell)			
Month	***Minimum***	***Maximum***	***Average***
April	4.4	14.3	9.1
May	8.0	16.7	12.1
June	7.1	17.3	11.1
July	7.4	18.6	14.3
August	11.0	19.3	14.7
September	9.7	21.2	16.2
Salinity [ppt] (lower cell)			
Month	***Minimum***	***Maximum***	***Average***
April	4.6	15.0	10.0
May	8.4	17.4	13.0
June	8.0	18.0	12.5
July	8.7	19.1	14.7
August	9.8	20.3	15.5
September	12.4	21.5	16.7

-: No data or less than 30% of monthly data available
*: Less than 70% of monthly data

Location: Hoofdplaat

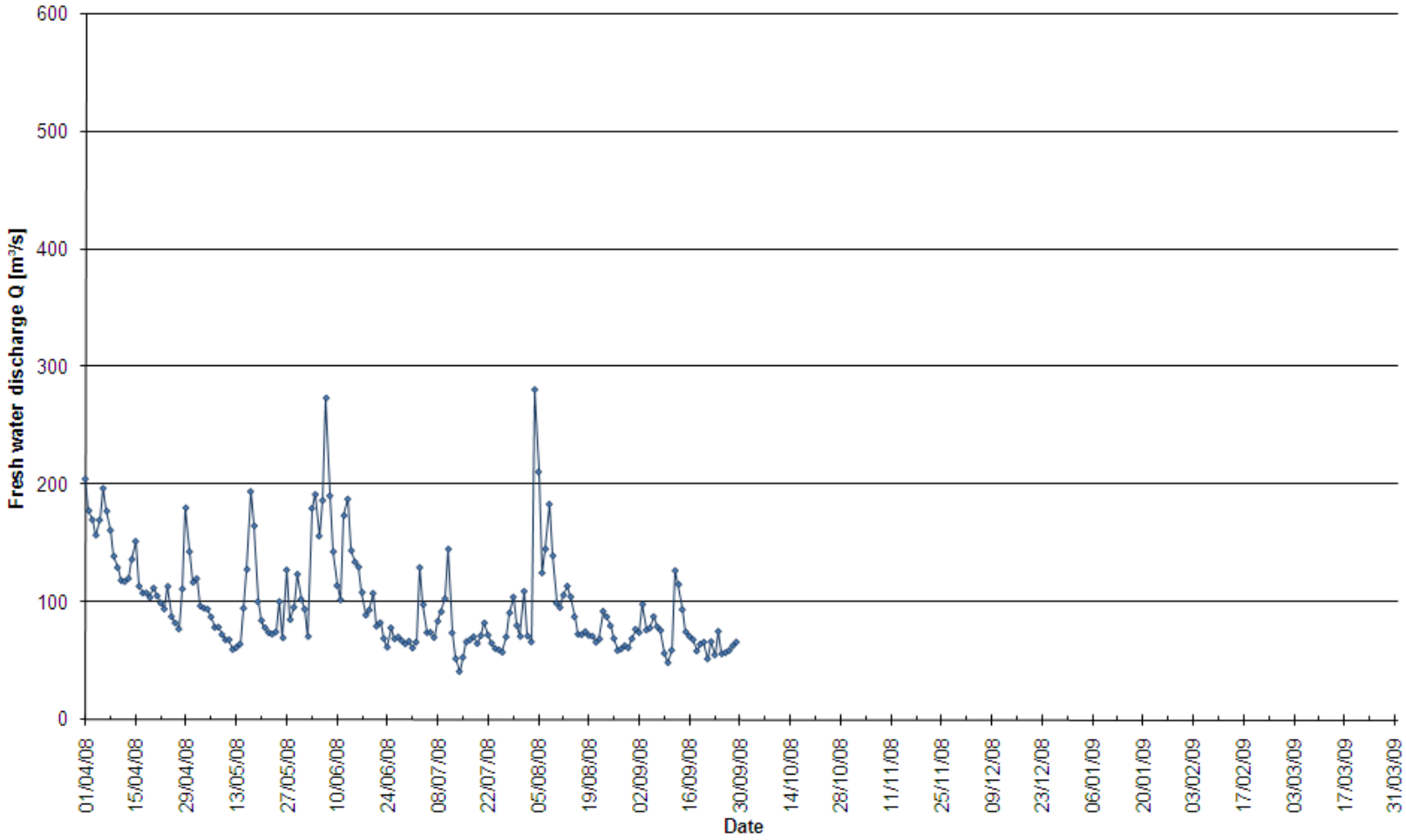
Floating at water surface

Salinity [ppt]			
Month	***Minimum***	***Maximum***	***Average***
April	-	-	-
May	-	-	-
June	-	-	-
July	-	-	-
August	-	-	-
September	-	-	-

-: No data or less than 30% of monthly data available
*: Less than 70% of monthly data

APPENDIX E.
FRESH WATER DISCHARGE

11283 Opvolging aanslibbing Deurganckdok – Omgevingscondities April - September 2008



Fresh water discharge

Location:	Date:
Schelle	01/04/2008 – 30/09/2008

Data processed by: IMDC

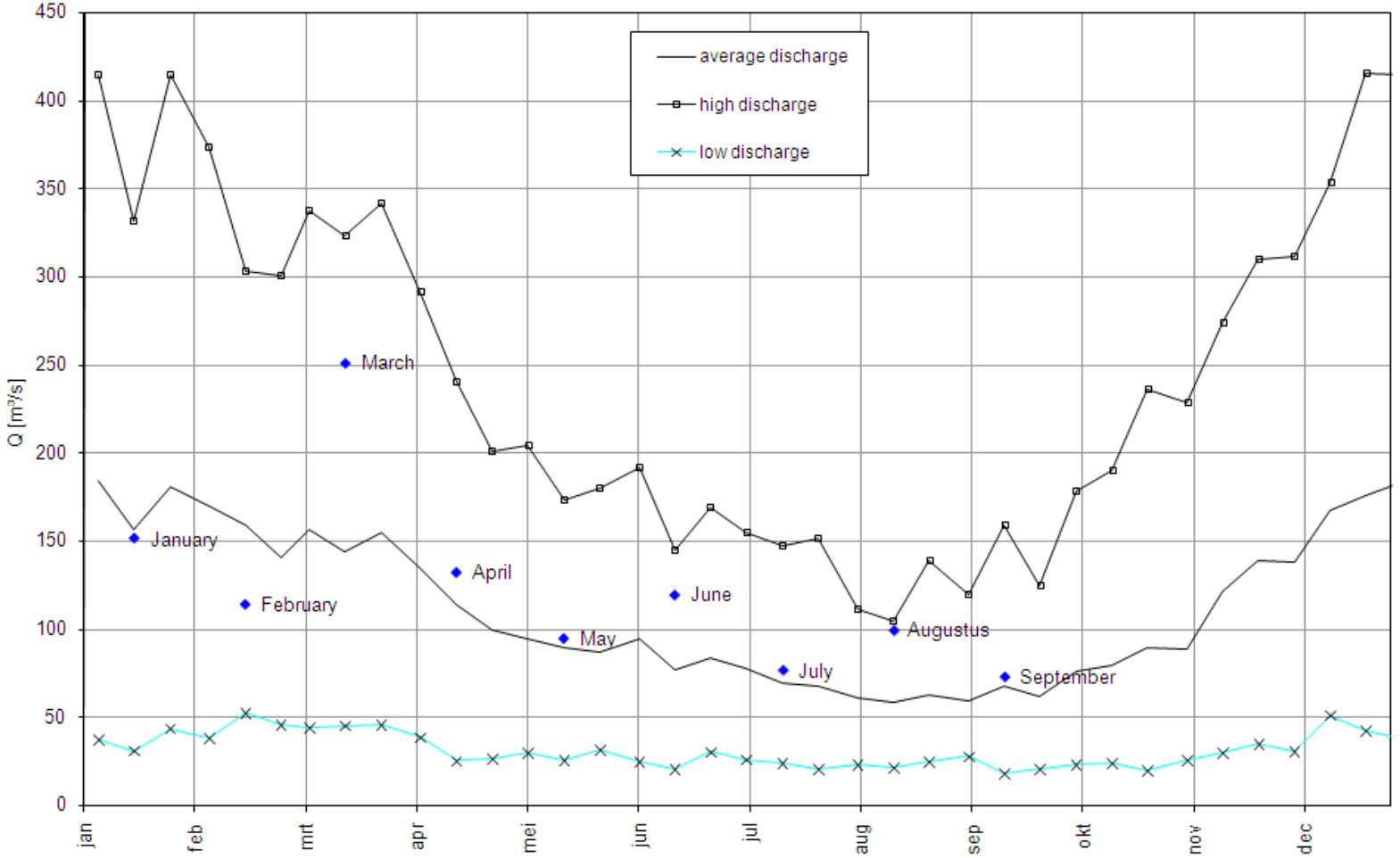
In association with: w.l | delft hydraulics

I/RA/11283/08.096/MSA

Decade averages of the fresh water discharge [m³/s] of the Scheldt at Schelle (April – September 2008)

	First Decade	***Second Decade***	***Third Decade***
April 2008	168	119	109
May 2008	91	102	90
June 2008	160	127	71
July 2008	85	70	74
August 2008	143	87	70
September 2008	75	80	63

Average monthly discharge of 2008 compared to the long-term discharge curve (based on a long-term simulation over a period of 30 year; 1971-2000)



APPENDIX F. MONTHLY RESULTS

METEOROLOGICAL MEASUREMENTS AT DEURNE

Terminology

Nederlands:	*English:*
Druk:	Pressure
Bewolking:	Cloudiness
Zon duur:	Duration of Sunshine
Temperaturen:	Temperatures
Lucht:	Air
Gras:	Grass
Minimum onder naakte grond:	Minimum under bare soil
Bewolking: 9 = bovenlucht niet zichtbaar	Cloudiness 9 = upper atmosphere invisible
Ontbrekend gegeven:	Missing data
Gem.:	Average
Min. :	Minimum
Max.:	Maximum
Rel. vocht.:	Relative Humidity
Mist:	Fog
Duur in minuten:	Duration in minutes
Neerslag:	Precipitation
Dag met:	Day with
Wind:	Wind
Snelheid (km/h) en richting:	Velocity (km/h) and direction
* = Sneeuw:	* = Snow
▲ = Hagel:	▲ = Hail
ק = Onweer:	ק = thunderstorm
Neerslag te wijten aan mist of dauw:	Precipitation due to fog or dew

F.1 Period January 2007 – March 2008

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JANUARI 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1014.2	7	5	6	2	1 40	8.3	12.9	5.6	3.7	4.3	5.7	6.0	6.6	7.3	7.0
2	1020.3	7	2	7	7	0 15	6.1	7.3	4.6	3.6	4.5	5.4	5.6	6.1	7.1	7.3
3	1025.6	5	5	8	7	-	6.9	8.8	4.7	3.0	3.9	5.2	5.5	5.9	7.0	7.3
4	1011.6	8	8	7	7	0 5	9.6	10.2	8.3	7.0	7.4	6.9	6.8	6.8	7.1	7.3
5	1018.7	7	5	7	8	-	9.1	10.7	7.8	6.3	7.2	7.1	7.2	7.3	7.5	7.3
6	1015.9	8	6	8	8	-	9.2	11.5	7.3	5.3	5.9	6.9	7.4	7.7	7.8	7.5
7	1015.4	7	5	7	5	-	8.2	9.3	7.0	5.0	6.9	7.1	7.2	7.7	8.0	7.6
8	1004.0	7	7	7	8	1 25	9.8	12.7	8.3	6.2	7.7	7.4	7.4	7.6	8.0	7.8
9	1009.7	7	7	8	7	0 10	13.2	14.3	11.8	10.3	9.8	8.9	8.7	8.6	8.3	7.8
10	1013.6	7	6	8	6	-	10.9	13.6	6.2	4.4	5.5	7.3	8.0	8.6	8.9	8.0
11	1012.9	1	7	8	6	-	7.9	10.9	5.8	4.3	5.5	6.9	7.2	7.5	8.5	8.2
12	1021.3	6	2	8	8	-	10.0	12.4	7.5	5.7	5.0	6.6	7.0	7.3	8.3	8.2
13	1020.8	8	8	8	8	-	10.9	11.5	9.9	9.5	9.9	9.0	8.9	8.6	8.3	8.1
14	1028.2	8	1	1	4	6 35	7.8	10.6	5.7	3.0	4.2	6.1	6.5	7.3	8.5	8.2
15	1026.6	1	6	1	4	6 25	6.0	8.7	4.3	3.0	4.0	5.4	6.0	6.4	7.8	8.2
16	1019.3	6	7	7	7	-	7.9	9.3	6.1	4.7	4.8	5.5	6.0	6.4	7.6	8.0
17	1011.5	7	7	8	2	0 10	9.9	12.1	8.2	5.6	8.0	7.2	7.3	7.3	7.8	7.9
18	997.1	6	8	8	1	-	11.7	14.9	8.7	7.5	8.0	8.2	8.1	8.1	8.2	7.9
19	1013.7	7	8	5	7	2 10	11.1	12.7	9.4	8.1	9.0	8.6	8.6	8.7	8.8	8.0
20	1013.0	7	7	8	4	-	11.0	13.6	6.9	5.4	6.4	7.3	8.0	8.5	8.9	8.2
21	1011.1	2	7	5	3	2 40	6.8	9.1	4.6	3.0	4.0	5.7	7.1	7.0	8.4	8.4
22	1017.3	1	7	6	5	1 20	3.4	6.9	-1.3	-3.7	-0.8	3.2	4.9	5.4	7.6	8.2
23	1017.2	5	5	7	3	1 35	-1.1	1.0	-2.6	-5.5	-2.2	1.3	3.1	3.3	6.2	7.7
24	1011.1	3	5	3	8	2 20	-0.7	3.6	-4.1	-5.9	-2.3	1.1	2.7	2.7	5.3	7.1
25	1024.7	8	7	7	2	2 5	-1.8	1.0	-5.7	-8.2	-3.9	0.9	2.5	2.5	4.9	6.7
26	1022.7	6	8	7	8	0 25	0.9	4.7	-3.1	-4.0	-1.6	0.8	2.3	2.1	4.5	6.3
27	1028.6	5	4	7	7	1 45	5.4	7.4	3.0	0.7	2.0	2.5	2.7	2.9	4.5	6.0
28	1026.9	7	7	7	7	-	6.1	7.7	5.2	4.3	4.9	5.1	4.4	4.5	5.0	6.0
29	1025.7	7	7	7	7	0 5	7.9	9.5	6.9	5.5	5.5	5.6	5.4	5.3	5.5	6.0
30	1026.3	8	7	8	8	-	8.0	8.8	7.3	6.7	7.3	7.4	7.0	6.5	6.3	6.2
31	1023.2	8	8	5	8	6 20	6.8	7.7	5.4	3.3	3.3	5.8	6.1	6.5	6.8	6.4
M	1017.7					37 30	7.3	9.5	5.2							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JANUARI 2007

	REL. VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	79	65	-	-	-	6.3	2 8	9	-	-	-	-	-	25	61	W	SW	WSW	W	SSW
2	86	79	-	-	-	7.8	4 55	20	-	-	-	-	-	18	50	WSW	WSW	W	WSW	W
3	88	78	-	-	-	0.1	1 57	8	-	-	-	-	-	18	50	SW	W	SW	SSW	SSW
4	80	73	-	-	-	1.0	2 48	12	-	-	-	-	-	29	50	W	SSW	SW	W	W
5	89	79	-	-	-	3.2	7 19	30	-	-	-	-	-	18	43	WSW	W	WSW	SW	SW
6	91	82	-	-	-	14.4	10 37	44	-	-	-	-	-	14	61	W	WSW	WSW	SSW	SW
7	86	80	-	-	-	0.2	2 31	10	-	-	-	-	-	22	50	WSW	WNW	SW	SSW	SSW
8	87	76	-	-	-	3.2	11 12	47	-	-	-	-	-	22	50	SW	SSW	SSW	WSW	S
9	77	66	-	-	-	0.4	1 48	8	-	-	-	-	-	29	65	WSW	WSW	WSW	SW	SSW
10	79	69	-	-	-	5.6	3 41	15	-	-	-	-	-	29	68	SW	SSW	SSW	SW	W
11	80	69	-	-	-	15.2	6 18	26	-	-	-	-	-	36	86	SW	WSW	SSW	SW	WNW
12	82	73	-	-	-	0.4	2 53	12	-	-	-	-	-	29	65	SW	W	SW	SW	WSW
13	88	75	-	-	-	0.5	9 57	41	-	-	-	-	-	22	54	WSW	WSW	SW	SW	SSW
14	77	65	-	-	-	1.5	1 9	5	-	-	-	-	-	18	61	WNW	WSW	W	W	SSW
15	78	64	-	-	-	-	-	-	-	-	-	-	-	14	32	SW	SW	SSW	SW	S
16	89	77	-	-	-	3.0	6 35	27	-	-	-	-	-	18	36	SSW	SSW	SSW	SSW	SSW
17	87	78	-	-	-	9.1	4 34	19	-	-	-	X	-	22	86	WSW	SSW	SSW	SSW	WSW
18	82	60	-	-	-	15.3	11 53	50	-	-	-	-	-	40	119	W	SW	SW	WSW	W
19	82	64	-	-	-	10.4	5 34	23	-	-	-	-	-	22	54	WSW	W	WNW	W	WSW
20	80	70	-	-	-	1.6	3 18	14	-	-	-	-	-	29	72	WSW	SW	WSW	WSW	WSW
21	78	65	-	-	-	3.1	3 14	13	-	-	-	-	-	29	83	W	SW	SW	WSW	W
22	83	66	-	-	-	-	-	-	-	-	-	-	-	14	43	NE	SW	SW	N	NE
23	76	55	-	-	-	-	-	-	-	-	-	-	-	7	22	NE	NNE	NNE	NE	NNE
24	90	73	-	-	-	<0.1	4 11	17	-	<1	X	-	-	7	25	E	NNW	-	-	-
25	85	77	-	-	-	-	-	-	-	-	-	-	-	11	32	ENE	ENE	NE	E	VR
26	83	70	-	-	-	0.9	5 32	23	-	-	X	-	-	14	43	WSW	SSW	SW	WSW	WSW
27	87	71	-	-	-	3.3	4 12	18	-	-	-	-	-	14	40	WNW	W	WNW	NNW	WNW
28	86	76	-	-	-	1.6	4 43	20	-	-	-	-	-	22	50	W	WSW	WSW	WSW	W
29	93	88	-	-	-	1.1	4 19	18	-	-	-	-	-	11	29	W	W	W	WNW	NW
30	93	86	-	-	-	<0.1	4 38	19	-	-	-	-	-	7	22	NNW	NW	WNW	W	WSW
31	87	73	-	-	-	0.5	6 15	26	-	-	-	-	-	18	43	WSW	WSW	W	W	WSW
M	84		-	-	-	109.7	138 11				2	1	-	20						

* = Sneeuw ▲ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. FEBRUARI 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	LUCHT			GRAS	TEMPERATUREN °C MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1028.5	8	8	8	2	/ /	8.8	10.5	6.6	5.1	6.4	6.4	6.5	6.6	7.2	6.6
2	1032.5	9	8	8	5	/ /	7.4	10.2	5.1	2.9	4.4	5.9	6.7	7.2	7.3	6.7
3	1037.6	0	0	2	2	/ /	6.2	10.7	3.6	0.0	3.0	3.8	5.1	5.9	7.1	6.9
4	1031.4	0	0	7	5	/ /	3.1	8.1	-2.4	-4.7	0.2	2.4	3.7	4.8	6.6	6.9
5	1016.4	3	9	8	7	/ /	2.5	5.3	-1.7	-2.7	1.2	2.6	3.9	4.5	6.1	6.7
6	1007.0	7	2	5	8	/ /	2.3	6.4	-0.2	-1.1	1.7	2.3	3.6	4.4	5.9	6.5
7	1002.2	7	8	7	8	/ /	-0.5	0.8	-1.9	-2.8	3.2	3.4	3.7	4.1	5.2	5.8
8	992.4	8	8	8	5	/ /	1.3	5.7	-3.3	-2.7	1.8	2.7	3.1	3.8	5.5	6.1
9	1003.0	6	6	6	7	/ /	4.2	6.7	1.5	0.0	2.4	3.2	3.3	3.5	4.9	5.9
10	1002.1	7	7	8	7	/ /	5.4	9.0	2.0	0.0	3.2	3.5	3.8	4.1	5.2	5.8
11	996.5	8	8	7	1	/ /	8.4	10.5	7.5	5.8	5.6	5.6	5.6	5.6	5.5	5.8
12	991.1	7	8	7	7	/ /	8.4	11.2	6.9	5.8	6.1	6.1	6.2	6.3	6.3	6.0
13	1005.5	7	7	7	7	/ /	8.3	10.1	7.0	5.0	4.9	5.4	6.4	6.7	6.7	6.2
14	1003.8	7	7	8	8	/ /	6.3	7.8	5.4	5.0	6.2	6.2	6.3	6.4	6.9	6.5
15	1021.0	7	0	3	4	/ /	5.8	11.4	0.8	-2.1	1.6	3.0	4.9	5.7	6.7	6.5
16	1016.2	0	4	7	7	/ /	5.8	14.2	-0.6	-3.8	0.1	2.3	3.5	4.6	6.4	6.5
17	1011.9	6	3	7	6	/ /	6.5	14.2	0.2	-2.5	/	3.1	3.8	4.4	6.0	6.4
18	1016.6	6	8	6	7	/ /	6.5	9.1	5.1	1.8	/	3.5	4.8	5.4	6.2	6.3
19	1014.0	8	8	8	8	/ /	6.1	7.7	4.6	4.5	/	5.2	5.0	6.2	6.6	6.4
20	1010.0	8	7	7	7	/ /	8.9	15.2	3.1	1.1	/	5.1	6.1	6.3	6.8	6.4
21	1009.6	7	7	8	3	/ /	7.9	10.1	4.7	3.0	4.9	5.9	6.5	7.1	7.3	6.5
22	1009.6	2	3	6	7	/ /	8.0	12.3	3.3	0.3	3.7	4.7	5.9	6.4	7.2	6.7
23	1005.7	7	5	7	5	/ /	9.3	12.3	4.9	1.9	5.2	6.0	6.4	6.9	7.3	6.8
24	997.7	3	8	7	7	/ /	9.3	11.5	6.0	2.7	6.0	6.4	7.2	7.4	7.6	6.9
25	996.0	6	5	7	7	/ /	7.7	8.9	6.4	6.2	7.4	7.5	7.6	7.7	7.8	7.0
26	1009.5	7	7	7	7	/ /	7.2	8.0	5.2	3.1	5.1	6.2	6.7	7.3	7.8	7.1
27	1010.9	3	7	8	8	/ /	6.9	11.5	4.1	1.9	4.3	5.0	5.7	6.3	7.3	7.2
28	997.4	7	7	5	6	/ /	10.3	12.0	9.2	7.9	7.8	7.8	7.8	7.8	7.6	7.1
M	1009.9					/ /	6.4	9.7	3.3							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. FEBRUARI 2007

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)											
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	97	91	85	64	-	0.4	5 37	23	-	-	-	-	-	11	25	W	W	WNW	WNW	W
2	92	82	266	238	-	-	-	-	-	-	-	-	-	11	32	WNW	WSW	SW	W	NNW
3	83	58	-	-	-	-	-	-	-	-	-	-	-	7	25	NNE	N	NNW	NNE	NNW
4	93	79	44	15	-	-	-	-	-	-	-	-	-	7	25	ESE	NNE	-	E	ENE
5	95	85	555	504	35	0.6	1 17	5	-	-	-	-	-	4	25	NW	-	SSW	WSW	N
6	88	68	36	-	-	5.1	6 24	27	-	-	X	X	-	7	32	SW	NW	W	W	WSW
7	97	90	602	195	-	-	-	-	-	-	-	-	-	4	14	S	-	-	SSW	S
8	92	81	158	58	-	5.2	8 22	35	-	-	X	X	-	18	58	SW	SSE	ESE	S	SW
9	82	69	-	-	-	0.4	1 19	5	-	-	-	-	-	14	40	WSW	WSW	WSW	W	ENE
10	92	84	-	-	-	1.1	6 48	28	-	-	-	-	-	11	36	SSW	E	E	SSE	S
11	87	76	-	-	-	10.7	6 35	27	-	-	-	-	-	18	43	WSW	SSW	SSE	SW	WSW
12	87	69	-	-	-	10.1	12 34	52	-	-	-	-	-	25	58	SSW	SSW	SSE	SW	SW
13	78	69	-	-	-	0.3	0 7	0	-	-	-	-	-	22	54	W	W	W	W	WSW
14	93	77	-	-	-	12.2	17 4	71	-	-	-	-	-	11	47	NW	S	SE	ESE	NNW
15	83	56	-	-	-	-	-	-	-	-	-	-	-	11	32	NW	NW	SW	SSW	SE
16	75	49	72	-	-	-	-	-	-	-	-	-	-	14	36	ESE	SE	ESE	SE	ESE
17	75	51	-	-	-	-	-	-	-	-	-	-	-	11	25	ESE	ESE	ESE	ESE	SSW
18	87	78	-	-	-	-	-	-	-	-	-	-	-	7	22	W	WSW	W	N	NNE
19	92	85	-	-	-	-	-	-	-	-	-	-	-	7	22	SSW	E	ESE	SE	ESE
20	83	61	-	-	-	-	-	-	-	-	-	-	-	7	22	S	SSE	SE	SSE	SSE
21	89	78	-	-	-	3.3	6 7	25	-	-	-	-	-	11	36	SW	S	S	SW	WSW
22	80	64	-	-	-	<0.1	0 45	3	-	-	-	-	-	11	36	SSW	SSW	SSE	S	SSE
23	85	66	-	-	-	0.9	0 59	4	-	-	-	-	-	14	43	S	S	S	S	S
24	86	78	-	-	-	4.8	3 37	15	-	-	-	-	-	18	47	SW	SE	SSE	SSW	SW
25	89	77	-	-	-	13.6	5 53	25	-	-	-	-	-	18	54	SW	WSW	S	SW	WSW
26	90	84	-	-	-	3.0	4 32	19	-	-	-	-	-	18	43	WNW	W	W	W	WNW
27	92	80	-	-	-	9.9	11 12	47	-	-	-	-	-	18	54	WSW	W	SW	SE	WSW
28	76	67	-	-	-	0.3	1 14	5	-	-	-	-	X	32	76	WSW	WSW	SW	WSW	WSW
M	87		1818	1074	35	81.9	100 26				2	2	1	13						

* = Sneeuw ▲ = Hagel R = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MAART 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	LUCHT			GRAS	TEMPERATUREN °C MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	992.7	7	7	4	6	5 35	9.0	11.1	6.7	5.4	6.6	9.1	8.5	8.0	8.0	7.2
2	1005.1	6	3	4	2	8 40	7.1	10.1	3.3	1.2	5.2	8.2	7.3	6.9	7.9	7.3
3	1003.6	7	7	8	7	1 35	7.4	10.3	5.4	3.8	5.3	7.9	7.4	7.1	7.7	7.4
4	1014.7	3	1	7	8	0 30	8.3	13.2	1.5	-0.1	3.8	6.8	6.6	6.2	7.4	7.3
5	1012.7	7	7	6	3	6 15	9.5	11.2	8.4	6.6	6.7	9.1	8.4	7.8	7.7	7.3
6	1006.0	6	8	8	8	-	9.1	10.5	8.0	6.7	6.9	9.2	8.4	7.6	7.9	7.4
7	1002.6	8	8	4	7	3 5	8.7	11.1	6.4	5.0	6.0	9.1	8.7	8.0	8.1	7.4
8	1020.8	4	2	5	1	8 40	7.6	12.3	2.6	0.7	4.8	7.9	7.3	7.0	8.0	7.5
9	1026.7	2	5	8	1	1 5	7.0	8.6	5.0	1.2	4.7	7.5	7.2	7.0	8.0	7.5
10	1036.5	2	0	2	6	6 10	8.0	12.9	3.2	-1.4	3.0	6.1	5.9	5.9	7.6	7.4
11	1033.7	0	0	3	1	6 50	8.9	15.3	3.7	0.8	4.9	7.6	7.4	6.9	7.7	7.4
12	1027.0	0	0	1	5	10 0	8.7	16.7	0.3	-1.4	3.5	6.7	6.7	6.6	7.9	7.4
13	1029.0	1	1	1	5	9 0	9.5	13.2	4.8	0.3	4.8	7.8	7.6	7.4	8.2	7.6
14	1035.6	1	1	2	3	9 10	7.5	13.5	-0.3	-1.7	3.8	7.0	7.0	7.0	8.2	7.6
15	1030.3	2	1	2	0	9 15	7.1	13.7	-0.2	-1.8	3.7	6.8	6.8	6.9	8.2	7.7
16	1026.7	5	5	7	6	0 45	8.4	11.1	5.3	1.8	5.8	8.6	8.2	7.8	8.4	7.8
17	1020.7	7	8	8	7	-	10.3	13.1	8.1	7.6	7.4	9.8	8.9	8.1	8.6	7.9
18	1002.7	7	8	6	5	3 0	7.4	9.5	1.6	0.8	4.8	7.5	7.2	7.3	8.6	7.8
19	994.5	7	6	7	6	2 10	2.9	5.6	0.8	-1.0	2.8	6.1	5.9	5.9	7.7	7.8
20	1004.6	1	2	7	6	2 55	3.8	8.3	0.8	-1.3	2.5	5.3	5.1	5.1	7.1	7.5
21	1012.0	2	6	7	7	4 0	4.3	8.8	2.0	0.3	3.3	6.0	5.7	5.4	7.0	7.3
22	1013.9	7	8	4	6	3 55	5.2	9.5	4.5	1.0	3.5	6.7	6.1	5.6	6.9	7.1
23	1012.0	2	8	8	8	0 10	5.3	6.9	4.4	1.8	3.5	6.5	6.0	5.8	6.9	7.1
24	1013.7	7	7	8	7	-	7.1	9.8	5.4	1.5	3.6	6.7	6.0	5.6	6.8	7.0
25	1018.3	7	1	1	1	7 40	9.4	13.7	6.4	1.5	5.2	8.0	7.4	6.5	7.0	6.9
26	1019.3	1	0	0	0	11 0	11.2	17.2	5.8	1.5	4.7	7.6	7.1	6.7	7.6	7.0
27	1017.1	0	0	1	0	10 30	10.0	16.3	3.8	0.7	4.7	7.7	7.5	7.3	8.1	7.2
28	1014.8	0	0	0	6	9 10	11.2	18.4	3.0	-0.2	4.5	7.6	7.4	7.4	8.3	7.4
29	1011.9	2	7	8	7	2 55	8.8	11.0	3.7	1.9	6.7	10.0	9.7	9.1	9.0	7.6
30	1011.9	6	4	7	7	1 0	7.9	12.3	1.6	0.6	5.9	9.0	8.5	8.1	8.8	7.9
31	1018.3	7	6	4	5	6 25	11.3	16.1	6.5	5.0	6.6	9.6	9.1	8.5	8.9	7.9
M	1015.8					151 25	8.0	12.0	4.0							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MAART 2007

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	76	57	-	-	-	8.5	6 4	25	-	-	-	-	-	29	65	SW	WSW	W	W	W
2	73	51	-	-	-	3.8	1 50	8	-	-	-	-	-	18	54	W	W	W	W	SSE
3	85	70	-	-	-	7.3	7 27	31	-	-	-	-	-	25	83	WSW	ESE	WSW	WNW	W
4	84	65	-	-	-	-	-	-	-	-	-	-	-	11	40	SSE	SW	VR	SE	ESE
5	74	57	-	-	-	11.3	3 6	13	-	-	-	-	-	22	61	WSW	SE	WSW	SW	SSW
6	85	70	-	-	-	18.3	18 28	77	-	-	-	-	-	25	65	SSW	SSW	S	SSW	S
7	87	67	-	-	-	2.1	2 15	9	-	-	-	-	-	18	43	WSW	S	SSW	WSW	W
8	84	63	-	-	-	-	-	-	-	-	-	-	-	11	29	WNW	W	SW	WNW	W
9	86	69	-	-	-	6.8	5 7	21	-	-	-	-	-	14	54	NW	SW	SW	SW	NNW
10	79	59	-	-	-	-	-	-	-	-	-	-	-	11	40	W	W	WSW	SW	W
11	85	63	-	-	-	-	-	-	-	-	-	-	-	7	25	WSW	SW	S	SSW	SSW
12	77	48	-	-	-	-	-	-	-	-	-	-	-	4	14	SE	SE	E	SE	W
13	78	60	-	-	-	-	-	-	-	-	-	-	-	11	25	NNW	N	W	W	NNW
14	75	53	-	-	-	-	-	-	-	-	-	-	-	4	18	NNE	N	-	VR	NNE
15	79	57	-	-	-	-	-	-	-	-	-	-	-	4	18	NNW	-	-	VR	NNW
16	85	77	-	-	-	<0.1	0 14	1	-	-	-	-	-	11	32	WSW	WNW	SSW	WSW	WSW
17	80	75	-	-	-	-	-	-	-	-	-	-	-	22	50	WSW	WSW	WSW	WNW	WSW
18	78	51	-	-	-	6.8	8 59	37	-	-	X	-	X	32	76	WNW	SW	SW	WNW	W
19	84	68	-	-	-	4.5	3 0	13	-	-	X	-	-	14	43	WSW	NNW	WSW	W	NNW
20	87	72	-	-	-	2.3	2 55	12	-	-	X	X	-	11	61	N	WSW	W	N	N
21	84	65	-	-	-	3.7	4 1	17	-	-	-	X	-	11	58	NNE	NW	N	NNW	NNW
22	72	60	-	-	-	-	-	-	-	-	-	-	-	18	50	NNW	NW	NNW	NNW	NNW
23	79	74	-	-	-	0.7	3 3	13	-	-	-	X	-	14	47	NE	NNW	NNW	NNE	NE
24	86	74	-	-	-	0.1	2 27	10	-	-	-	-	-	11	29	N	N	N	NNE	NE
25	69	54	-	-	-	-	-	-	-	-	-	-	-	18	40	E	NE	E	E	E
26	65	47	-	-	-	-	-	-	-	-	-	-	-	18	43	ESE	ENE	ENE	ESE	E
27	67	45	-	-	-	-	-	-	-	-	-	-	-	14	36	E	E	E	E	E
28	67	47	-	-	-	0.1	0 7	0	-	-	-	-	-	7	25	ESE	E	ESE	SE	WSW
29	84	74	30	-	-	1.6	1 41	7	-	-	-	-	-	7	25	SW	WSW	S	SW	SW
30	88	73	146	33	-	<0.1	1 16	5	-	-	-	-	-	7	18	ENE	-	-	ENE	NNE
31	69	58	-	-	-	-	-	-	-	-	-	-	-	14	40	NE	NE	NE	NE	NE
M	79		176	33	-	77.9	72 0				3	3	1	14						

* = Sneeuw ▲ = Hagel R = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. APRIL 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	LUCHT			GRAS	TEMPERATUREN °C MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1025.6	6	3	0	0	10 45	12.5	17.5	7.9	4.3	6.9	8.5	8.5	9.0	9.4	8.1
2	1026.2	0	0	0	1	10 0	12.2	18.6	6.0	1.5	6.0	9.2	9.0	8.9	9.6	8.3
3	1021.2	0	8	7	5	1 30	7.4	10.0	4.4	1.8	5.0	8.6	8.7	8.9	9.9	8.5
4	1022.2	0	1	1	5	11 30	7.2	12.2	2.7	0.7	3.8	7.2	7.4	7.5	9.2	8.6
5	1023.4	3	6	6	6	7 30	8.2	14.2	1.2	-0.3	4.3	7.7	7.7	7.9	9.3	8.6
6	1023.3	5	3	6	3	10 20	10.1	18.0	1.8	0.0	5.2	8.6	8.6	8.6	9.7	8.7
7	1026.6	6	4	7	5	1 30	8.7	12.0	5.7	2.3	6.5	9.9	10.0	9.7	10.1	8.8
8	1025.7	1	0	2	5	10 45	9.5	16.6	0.6	-1.7	4.3	7.8	8.0	8.1	9.7	8.9
9	1020.0	4	6	3	5	11 40	11.4	16.1	6.6	3.1	7.0	10.1	9.8	9.8	10.3	9.0
10	1023.0	5	6	5	5	6 25	12.4	17.2	8.9	4.6	8.1	11.4	11.0	10.4	10.7	9.1
11	1025.1	7	4	6	1	4 20	12.6	16.9	6.4	4.0	8.4	11.8	11.6	11.1	11.2	9.4
12	1021.7	3	2	4	2	10 45	14.4	21.5	6.8	3.7	7.8	11.3	11.1	10.8	11.4	9.6
13	1019.3	0	7	2	6	8 10	17.2	24.3	10.4	6.7	10.2	13.1	12.7	12.3	12.2	9.9
14	1020.4	3	6	4	6	10 15	19.2	26.4	11.6	7.3	11.3	14.2	14.6	13.4	12.8	10.2
15	1021.2	1	1	0	0	12 20	19.6	28.6	8.4	5.3	10.8	14.3	14.1	14.1	13.6	10.6
16	1021.4	1	0	0	0	12 5	17.7	25.8	9.5	6.7	11.8	15.1	15.1	15.0	14.2	11.1
17	1023.7	1	8	8	4	4 15	12.3	16.4	7.2	8.6	10.3	14.7	15.0	15.0	14.5	11.6
18	1025.1	3	7	7	5	3 40	10.7	15.4	6.7	3.8	9.7	13.7	13.4	13.4	13.9	11.9
19	1020.9	2	1	0	3	11 55	11.1	18.1	3.0	1.0	7.5	11.7	12.0	12.1	13.3	11.9
20	1009.7	1	4	2	0	9 35	10.0	15.1	5.2	1.4	9.0	13.0	13.0	13.0	13.5	11.9
21	1023.1	0	2	6	5	12 20	9.4	15.7	2.1	-0.2	7.4	11.3	11.8	12.1	13.3	11.9
22	1021.5	1	2	1	1	13 0	12.9	22.1	1.4	-0.3	8.0	11.4	11.9	12.2	13.6	11.9
23	1020.8	0	1	3	7	7 55	16.2	23.7	6.2	4.3	10.0	13.5	13.5	12.6	13.8	12.0
24	1018.5	6	5	6	7	5 0	18.1	23.7	11.3	9.0	12.6	15.7	15.3	14.8	14.4	12.1
25	1015.0	3	6	1	4	8 55	19.2	28.5	10.3	8.3	13.2	16.6	16.5	15.5	15.1	12.4
26	1017.3	3	2	3	2	11 55	19.8	27.5	12.2	10.0	14.5	17.3	16.8	16.4	15.6	12.7
27	1020.0	2	4	4	6	11 55	19.7	26.6	12.3	8.3	14.0	17.3	17.1	16.8	16.2	13.1
28	1020.6	4	4	3	3	11 30	19.6	27.0	12.3	10.3	15.0	17.7	17.7	17.3	16.6	13.5
29	1018.0	2	2	1	4	13 10	17.8	23.7	12.4	10.4	15.1	18.0	17.8	17.4	16.9	13.8
30	1015.0	5	2	0	0	13 40	15.4	22.1	10.1	8.5	14.3	17.0	17.5	16.9	16.9	14.1
M	1021.2					278 35	13.8	20.0	7.1							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. APRIL 2007

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG	DUUR		* (cm)		DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	σ	℞	GEM.	MAX.		0h	6h	12h	18h
1	59	44	-	-	-	-	-	-	-	-	-	-	-	14	36	ENE	NE	NE	ENE	ENE
2	61	45	-	-	-	-	-	-	-	-	-	-	-	11	32	E	NE	NE	ENE	NE
3	75	62	-	-	-	<0.1	1 5	5	-	-	-	-	-	14	43	N	NNE	NNE	N	N
4	67	50	-	-	-	-	-	-	-	-	-	-	-	14	40	NE	NNE	NNE	NE	ENE
5	80	66	-	-	-	-	-	-	-	-	-	-	-	7	25	NW	NNE	-	WNW	NW
6	79	52	-	-	-	-	-	-	-	-	-	-	-	7	25	W	-	WNW	WSW	NW
7	77	63	-	-	-	-	-	-	-	-	-	-	-	7	22	NNE	N	N	N	N
8	71	52	-	-	-	-	-	-	-	-	-	-	-	7	25	W	NNE	-	VR	NW
9	66	55	-	-	-	-	-	-	-	-	-	-	-	14	43	NW	WSW	W	NW	NW
10	74	62	-	-	-	-	-	-	-	-	-	-	-	11	29	NW	SW	WSW	WNW	NNW
11	72	60	-	-	-	-	-	-	-	-	-	-	-	7	22	ENE	-	-	NW	NE
12	73	57	-	-	-	-	-	-	-	-	-	-	-	7	25	ENE	NE	ENE	E	ENE
13	70	51	-	-	-	-	-	-	-	-	-	-	-	11	29	E	NNE	NNE	E	ENE
14	67	50	-	-	-	-	-	-	-	-	-	-	-	7	32	E	NE	NNE	E	NNE
15	65	35	-	-	-	-	-	-	-	-	-	-	-	7	25	SE	ENE	ESE	SE	-
16	70	53	-	-	-	-	-	-	-	-	-	-	-	11	40	NNW	W	W	W	NNW
17	75	55	-	-	-	-	-	-	-	-	-	-	-	11	36	N	NNW	NNE	N	N
18	73	56	-	-	-	-	-	-	-	-	-	-	-	7	18	WNW	NNW	N	-	-
19	72	48	-	-	-	-	-	-	-	-	-	-	-	11	29	W	N	SSW	W	NNW
20	71	52	-	-	-	-	-	-	-	-	-	-	-	7	32	NNE	N	NE	VR	NE
21	65	50	-	-	-	-	-	-	-	-	-	-	-	11	29	ENE	NE	ENE	E	NE
22	64	41	-	-	-	-	-	-	-	-	-	-	-	4	25	NW	E	-	VR	W
23	60	45	-	-	-	-	-	-	-	-	-	-	-	7	32	WSW	-	-	WSW	WNW
24	67	55	-	-	-	-	-	-	-	-	-	-	-	4	14	E	-	-	E	E
25	69	46	-	-	-	-	-	-	-	-	-	-	-	11	29	NNW	E	ESE	W	NNW
26	71	46	-	-	-	-	-	-	-	-	-	-	-	7	25	E	NNW	ENE	ENE	E
27	67	43	-	-	-	-	-	-	-	-	-	-	-	7	29	NE	N	NNE	ENE	NNE
28	67	46	-	-	-	-	-	-	-	-	-	-	-	7	25	NE	NE	NNE	VR	NE
29	65	50	-	-	-	-	-	-	-	-	-	-	-	14	32	NE	ENE	ENE	ENE	ENE
30	52	42	-	-	-	-	-	-	-	-	-	-	-	18	43	E	ENE	E	ENE	E
M	69		-	-	-	-	1 5				-	-	-	9						

* = Sneeuw σ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MEI 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1014.9	0	0	0	0	13 50	16.4	22.6	9.3	7.0	9.3	16.1	16.2	16.3	16.7	14.3
2	1014.4	0	0	0	0	13 55	15.2	21.8	8.7	6.1	12.2	16.0	16.2	16.3	16.6	14.4
3	1014.0	0	0	0	1	12 50	15.4	21.7	8.0	6.7	12.5	16.1	16.2	16.2	16.6	14.5
4	1011.3	0	1	6	7	7 5	16.2	22.3	10.3	8.6	13.7	17.0	16.9	16.9	16.7	14.5
5	1015.5	2	7	6	3	11 15	14.0	21.1	8.8	8.1	13.5	17.0	16.4	16.5	16.8	14.6
6	1017.9	0	7	6	8	4 25	13.3	19.3	6.7	5.4	12.5	16.3	16.3	16.3	16.6	14.6
7	1011.0	8	8	8	8	-	13.8	15.2	11.6	11.3	14.0	16.8	16.2	15.7	16.3	14.7
8	1011.6	5	6	8	7	1 25	13.4	16.6	11.3	10.0	12.8	15.6	14.8	14.8	15.6	14.5
9	1014.1	8	8	8	8	-	12.2	14.6	10.3	9.7	13.0	15.6	14.8	14.3	15.3	14.3
10	1008.3	6	8	7	7	-	14.9	17.0	12.5	11.5	13.6	16.0	15.1	14.5	15.0	14.1
11	1004.0	8	8	7	5	2 35	13.0	16.4	10.1	11.3	13.2	15.9	14.9	14.3	15.0	14.0
12	1007.1	8	5	5	6	6 0	14.0	18.1	10.7	9.8	12.6	15.2	14.3	13.9	14.6	13.8
13	1005.0	7	5	7	3	4 25	15.1	22.2	9.5	8.5	12.8	15.6	15.4	14.4	14.9	13.7
14	1005.7	6	5	7	7	3 10	14.0	17.9	9.9	9.8	13.2	15.8	15.1	14.6	15.0	13.7
15	1015.1	8	6	6	7	8 5	12.5	17.5	8.7	7.5	12.8	15.7	14.4	14.1	14.8	13.7
16	1011.0	8	8	7	7	4 10	12.3	15.7	9.5	10.1	13.5	16.0	15.0	14.3	14.9	13.7
17	1012.4	7	8	6	6	2 10	12.3	16.3	8.5	7.9	12.4	15.6	15.0	14.3	14.7	13.7
18	1014.8	1	7	7	5	6 0	17.0	23.0	7.3	7.2	12.0	15.0	14.7	14.1	14.8	13.6
19	1014.2	7	1	4	2	12 15	15.0	19.1	9.2	8.1	14.2	17.2	17.1	15.7	15.5	13.7
20	1015.3	2	4	8	8	3 45	13.4	18.7	6.0	6.3	12.8	15.6	15.3	15.1	15.7	14.0
21	1015.3	7	8	8	7	0 50	17.1	21.3	13.8	13.6	15.3	17.8	16.8	15.8	15.8	14.1
22	1020.1	8	8	8	6	0 50	15.6	17.8	11.8	10.7	15.1	18.1	17.5	16.6	16.2	14.1
23	**1022.6**	1	1	1	0	14 0	16.5	22.4	9.0	7.0	13.5	16.5	16.0	15.6	16.1	14.3
24	1016.2	0	0	0	0	**14 20**	19.3	25.4	11.1	9.7	15.0	17.5	17.0	16.6	16.7	14.4
25	1007.7	0	7	3	2	7 35	**20.2**	**26.2**	15.6	13.6	17.5	20.0	19.2	18.4	17.7	14.6
26	1003.4	6	8	7	7	-	16.5	19.0	13.6	13.5	16.3	19.3	18.9	18.5	17.9	15.1
27	**997.5**	8	8	6	8	3 35	14.1	18.3	11.0	10.4	15.8	18.8	18.0	17.5	17.7	15.5
28	999.7	8	6	7	7	-	12.9	15.3	10.3	9.0	15.3	17.7	17.1	16.6	17.1	15.5
29	1007.8	7	7	7	3	5 50	**11.6**	13.9	8.9	6.7	13.3	15.9	15.5	15.5	16.3	15.4
30	1010.3	4	1	6	8	9 0	14.2	19.9	7.1	5.2	12.2	14.6	14.0	14.1	15.6	15.0
31	1011.1	7	3	5	4	8 25	15.0	20.2	11.1	9.5	15.0	17.3	16.4	15.6	16.0	14.8
M	1011.3					181 45	14.7	19.3	10.0							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MEI 2007

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	DUUR h min	%	* (cm) 6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	54	45	-	-	-	-	-	-	-	-	-	-	-	18	36	E	E	E	E	ENE
2	53	41	-	-	-	-	-	-	-	-	-	-	-	14	43	E	E	ENE	E	ENE
3	67	47	-	-	-	-	-	-	-	-	-	-	-	11	36	NE	NNE	NE	ENE	NE
4	69	51	-	-	-	-	-	-	-	-	-	-	-	14	47	NNE	NNE	NNE	NNE	NNE
5	76	56	-	-	-	-	-	-	-	-	-	-	-	14	36	N	N	NNE	N	NNW
6	77	55	-	-	-	-	-	-	-	-	-	-	-	14	47	WSW	NNW	W	SW	WSW
7	89	76	-	-	-	9.0	6 55	29	-	-	-	-	-	25	58	WSW	WSW	SW	WSW	WSW
8	79	70	-	-	-	0.9	0 57	4	-	-	-	-	-	25	61	WSW	W	WSW	WSW	WSW
9	89	79	-	-	-	5.2	10 4	42	-	-	-	-	-	14	43	WSW	WSW	WSW	WSW	WSW
10	84	78	-	-	-	1.5	6 26	27	-	-	-	-	-	22	50	WSW	WSW	SW	WSW	SW
11	82	60	-	-	-	10.4	7 57	33	-	-	-	-	-	22	79	NW	SW	SW	WSW	WSW
12	80	59	-	-	-	9.9	2 1	8	-	-	-	-	-	22	58	WSW	SSE	SW	WSW	WSW
13	81	60	-	-	-	0.6	0 15	1	-	-	-	-	X	11	50	SW	S	ESE	ESE	SW
14	79	66	-	-	-	8.4	5 30	23	-	-	-	-	-	18	58	SW	S	SSW	SW	WSW
15	76	55	-	-	-	7.3	5 47	24	-	-	-	-	-	14	36	WSW	NNW	W	SSW	WSW
16	85	64	-	-	-	20.7	9 35	40	-	-	-	-	-	14	43	WNW	S	SW	WNW	WNW
17	87	72	-	-	-	5.8	6 57	29	-	-	-	-	-	7	22	N	SE	W	N	N
18	82	71	-	-	-	0.6	0 17	1	-	-	-	-	-	14	40	WSW	S	S	SSW	WSW
19	72	56	-	-	-	3.3	0 37	3	-	-	-	-	-	14	43	WSW	WSW	WSW	W	W
20	85	64	-	-	-	5.0	4 12	18	-	-	-	-	-	7	22	N	-	-	ENE	N
21	89	78	-	-	-	-	-	-	-	-	-	-	-	4	14	NNW	NNW	WNW	-	E
22	89	77	-	-	-	<0.1	0 25	2	-	-	-	-	-	7	25	NW	W	WSW	WNW	NNW
23	73	57	-	-	-	-	-	-	-	-	-	-	-	7	22	N	NNW	NNE	NE	N
24	68	53	-	-	-	-	-	-	-	-	-	-	-	7	22	NNE	NNE	NNE	ENE	NNE
25	72	54	-	-	-	-	-	-	-	-	-	-	-	4	25	W	NE	-	-	N
26	84	73	-	-	-	15.0	4 39	19	-	-	-	-	-	11	25	E	NNE	NNE	E	E
27	83	59	-	-	-	7.1	4 20	18	-	-	-	-	-	11	40	SW	ENE	W	SW	W
28	80	60	-	-	-	0.3	1 39	7	-	-	-	-	-	7	18	SSW	E	SSW	S	NNW
29	77	62	-	-	-	0.3	0 36	3	-	-	-	-	-	22	54	W	W	WNW	W	WNW
30	70	53	-	-	-	<0.1	0 20	1	-	-	-	-	-	14	54	SSW	SSW	SSW	S	S
31	80	58	-	-	-	6.2	3 48	16	-	-	-	-	X	7	40	SW	SSW	WSW	SW	NNE
M	78		-	-	-	117.5	83 17				-	-	2	13						

* = Sneeuw ▲ = Hagel R = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JUNI 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1016.0	2	7	8	7	2 35	15.6	20.0	10.7	9.4	14.7	15.4	15.8	16.2	16.2	14.9
2	1023.3	7	0	3	2	11 45	19.1	24.3	12.6	10.2	15.3	15.9	16.2	16.5	16.7	15.0
3	1022.4	1	1	5	5	7 45	18.9	23.7	13.1	11.4	16.0	16.6	17.1	17.5	17.4	15.1
4	1021.5	6	6	6	4	6 45	19.0	23.8	14.3	12.7	16.9	17.5	18.0	18.3	17.9	15.4
5	1020.0	1	4	6	2	4 55	19.0	23.7	13.9	10.3	16.6	17.4	17.9	18.4	18.1	15.7
6	1018.1	7	5	6	0	7 15	18.4	23.7	14.3	13.5	17.2	17.6	18.0	18.5	18.2	15.9
7	1016.3	6	8	6	4	8 30	21.5	27.3	15.1	14.4	17.6	18.3	18.8	18.8	18.5	16.1
8	1016.0	6	6	5	8	4 35	20.7	25.0	15.7	15.9	19.9	20.4	20.4	20.5	19.4	16.4
9	1018.0	8	8	8	7	-	16.6	18.8	15.0	15.4	18.6	19.2	19.5	19.6	19.5	16.7
10	1016.7	6	7	7	7	1 20	17.6	21.7	15.1	15.3	18.3	18.8	18.9	19.0	19.1	17.0
11	1014.4	5	8	4	2	7 35	19.0	25.4	14.6	14.0	18.5	19.0	19.2	19.3	19.1	17.0
12	1012.4	8	8	8	7	0 35	16.6	20.7	13.5	13.6	18.4	19.2	19.3	19.4	19.4	17.1
13	1009.0	2	6	4	7	8 40	17.9	23.2	12.7	12.0	17.6	18.2	18.3	18.7	19.1	17.2
14	1004.1	7	5	8	8	4 40	19.3	26.2	15.7	15.1	18.8	19.3	19.5	19.7	19.6	17.2
15	1003.1	7	8	7	7	2 55	18.6	21.8	15.8	13.5	19.0	19.5	19.8	19.9	19.7	17.3
16	1005.7	3	5	6	7	2 25	15.9	19.5	14.0	13.2	18.0	18.5	18.8	19.0	19.3	17.4
17	1006.3	7	7	5	7	5 45	17.6	22.3	14.1	12.9	17.5	18.0	18.1	18.2	18.9	17.3
18	1009.2	8	8	8	7	4 40	17.8	22.8	13.4	11.9	17.9	18.3	18.7	18.8	19.1	17.3
19	1012.6	1	4	5	4	12 0	20.8	26.3	12.5	11.4	17.2	17.9	18.2	18.7	19.1	17.2
20	1013.0	8	6	4	5	10 30	20.1	24.2	15.3	15.0	15.6	17.5	18.5	20.3	19.7	17.2
21	1013.2	6	7	8	6	1 40	17.4	21.6	14.4	14.1	18.5	19.2	19.6	20.0	19.4	17.5
22	1009.1	6	6	6	5	4 25	16.3	22.1	13.5	12.4	17.8	18.5	18.7	18.0	19.4	17.5
23	1009.6	1	4	7	5	3 45	15.8	19.2	12.3	12.2	17.4	18.0	18.2	18.4	19.0	17.5
24	1010.9	2	5	8	8	2 0	15.4	18.3	12.6	11.4	16.7	17.3	17.5	17.8	18.5	17.3
25	1002.1	5	7	6	5	3 20	15.3	18.3	11.8	11.8	16.9	17.5	17.7	17.9	18.3	17.2
26	1003.1	6	8	7	7	1 30	12.7	15.0	9.2	8.1	14.6	15.4	16.0	16.4	17.9	17.2
27	1008.1	3	1	5	6	6 5	13.7	17.5	9.0	7.6	14.0	14.6	14.8	15.4	17.1	16.7
28	1011.2	8	7	5	5	8 0	15.4	18.6	11.5	11.3	15.3	15.8	16.0	16.0	17.1	16.5
29	1011.2	5	7	8	6	0 45	15.7	17.5	13.5	13.0	16.0	16.4	16.5	16.6	17.3	16.4
30	1014.0	7	7	7	7	0 25	17.7	21.0	14.3	14.0	16.0	16.5	16.4	16.5	17.2	16.3
M	1012.4					147 5	17.5	21.8	13.4							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JUNI 2007

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	85	67	-	-	-	11.0	1 47	7	-	-	-	-	X	7	40	SSE	E	N	SSE	WNW
2	72	56	-	-	-	-	-	-	-	-	-	-	-	7	32	NNE	N	-	NNE	NNE
3	78	62	-	-	-	-	-	-	-	-	-	-	-	7	25	NNE	NNE	NNE	NE	NNE
4	77	58	-	-	-	-	-	-	-	-	-	-	-	11	25	ENE	SSE	ENE	ESE	NE
5	80	64	-	-	-	-	-	-	-	-	-	-	-	14	32	NNE	NNE	N	NE	NE
6	82	66	-	-	-	-	-	-	-	-	-	-	-	14	32	N	NNE	NNE	NNE	N
7	80	65	-	-	-	-	-	-	-	-	-	-	-	14	36	NNE	N	NNE	NNE	NNE
8	85	74	-	-	-	2.9	0 27	2	-	-	-	-	X	11	36	W	NNE	ESE	VR	W
9	92	84	-	-	-	0.9	0 47	3	-	-	-	-	X	7	25	SW	W	W	NNW	NW
10	87	77	-	-	-	-	-	-	-	-	-	-	-	7	22	NNW	NW	-	VR	NNE
11	85	69	42	-	-	0.3	0 23	2	-	-	-	-	-	11	29	NW	NW	NW	VR	NW
12	87	75	-	-	-	0.1	0 30	2	-	-	-	-	-	11	29	WSW	WNW	W	WSW	WSW
13	79	66	-	-	-	-	-	-	-	-	-	-	-	11	25	SW	W	SW	SSW	WNW
14	86	64	-	-	-	12.3	5 38	23	-	-	-	-	X	7	32	S	ESE	ESE	SE	S
15	82	61	-	-	-	1.4	2 8	9	-	-	-	-	-	14	50	S	SSE	SW	SSW	S
16	84	74	-	-	-	7.6	3 29	15	-	-	-	-	X	18	68	WSW	S	SW	SSW	SW
17	75	56	-	-	-	8.6	4 30	19	-	-	-	-	-	14	47	SW	SSW	SSW	SW	S
18	81	61	-	-	-	5.0	2 19	10	-	-	-	-	X	11	32	WSW	ESE	W	SSW	NNW
19	72	54	-	-	-	1.4	1 45	7	-	-	-	-	-	7	29	E	-	ESE	E	E
20	73	48	-	-	-	1.7	2 18	10	-	-	-	-	X	14	32	W	WNW	SW	SW	N
21	80	59	-	-	-	4.9	0 37	3	-	-	-	-	-	7	43	SW	VR	SE	W	ENE
22	82	52	-	-	-	17.8	2 35	11	-	-	-	-	X	11	47	SSW	ESE	S	SSW	SSW
23	82	64	-	-	-	8.4	2 39	11	-	-	-	-	X	14	40	WNW	SW	SSW	W	W
24	82	73	-	-	-	2.8	9 8	38	-	-	-	-	-	7	25	SSE	SSW	SW	SSE	NNE
25	83	63	-	-	-	10.5	4 1	17	-	-	-	-	X	11	50	W	NNE	SSE	WSW	WSW
26	80	60	-	-	-	6.9	8 5	34	-	-	-	-	-	22	65	NW	SSW	SW	WNW	WNW
27	68	50	-	-	-	-	-	-	-	-	-	-	-	18	43	WSW	WSW	WSW	W	SW
28	65	46	-	-	-	3.1	2 47	12	-	-	-	-	-	18	36	W	SW	W	W	SW
29	77	69	-	-	-	2.1	3 11	13	-	-	-	-	-	22	47	SW	SW	SSW	SW	SW
30	77	64	-	-	-	0.1	0 24	2	-	-	-	-	-	14	32	SW	WSW	WSW	SW	SSW
N	80		42	-	-	109.8	59 28				-	-	10	12						

* = Sneeuw ▲ = Hagel ℞ = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JULI 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	LUCHT			GRAS	TEMPERATUREN °C MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1007.2	7	7	4	7	7 30	20.3	24.7	15.9	15.3	17.6	16.3	17.9	17.8	17.6	16.3
2	1006.1	7	7	6	6	2 45	16.6	19.0	14.7	13.3	17.4	20.2	19.4	18.6	18.3	16.3
3	1003.0	7	8	8	6	1 30	14.5	18.3	12.7	12.6	16.5	18.4	18.2	17.4	18.0	16.7
4	1005.3	7	7	8	5	2 55	14.8	19.1	12.0	11.3	15.7	18.4	17.6	16.8	17.6	16.6
5	1010.9	6	7	6	5	3 10	15.8	19.8	13.7	12.5	15.5	18.1	17.3	16.4	17.3	16.4
6	1009.4	8	8	7	8	1 0	16.1	18.4	13.8	13.5	16.0	17.1	17.0	17.0	17.5	16.4
7	1016.1	6	5	5	4	9 15	17.1	21.7	12.8	12.5	15.7	16.1	16.0	16.3	17.2	17.0
8	1017.1	2	2	5	7	9 50	17.0	23.7	11.7	11.9	16.0	16.5	16.4	16.8	17.4	16.9
9	1013.7	6	5	5	8	5 35	15.4	20.1	11.8	11.9	17.8	17.9	17.8	18.1	17.9	16.9
10	1012.8	2	8	7	6	2 0	14.5	18.1	10.9	11.8	16.9	17.2	17.2	17.5	17.9	16.9
11	1013.8	3	6	6	7	0 30	14.9	17.1	12.4	12.8	16.9	17.2	17.1	17.4	17.7	17.0
12	1015.5	7	6	7	8	1 35	16.5	19.7	13.6	13.6	16.4	16.8	16.7	17.0	17.5	16.9
13	1014.6	7	8	7	1	6 40	21.2	27.0	17.4	16.6	17.9	18.0	17.9	18.0	17.6	16.9
14	1013.8	1	5	7	3	9 15	21.7	25.1	15.8	16.4	18.5	18.7	18.7	18.3	18.0	16.9
15	1012.3	1	4	7	3	9 10	**22.8**	**30.9**	14.9	15.4	18.5	18.8	18.8	19.0	18.5	16.9
16	1011.3	1	6	7	7	2 10	21.7	27.1	16.5	18.0	19.9	20.1	20.0	20.2	18.9	17.1
17	1016.4	7	3	4	3	11 0	19.2	24.4	14.3	15.8	19.3	19.7	19.6	19.4	19.2	17.3
18	1019.1	2	1	3	2	12 35	19.2	24.4	13.2	14.9	18.5	19.0	18.9	19.2	19.2	17.5
19	1018.6	1	5	4	2	9 55	19.0	24.5	11.4	14.0	18.3	18.9	18.8	19.2	19.3	17.6
20	1014.1	1	7	8	5	2 5	17.8	21.8	15.1	14.2	19.0	19.4	19.3	19.7	19.3	17.7
21	1015.5	1	1	4	6	**13 0**	18.4	22.8	13.0	13.8	17.6	18.2	18.0	18.5	19.1	17.8
22	1012.0	6	4	6	4	10 10	16.9	20.3	12.2	13.7	18.8	19.7	19.2	19.5	19.2	17.9
23	**1001.4**	1	6	8	8	-	15.0	17.5	10.5	12.8	17.5	18.0	17.8	18.2	18.8	17.9
24	1004.0	7	8	5	7	3 45	16.9	19.3	14.4	14.2	17.2	17.5	17.4	17.7	18.4	17.8
25	1014.4	0	1	5	5	11 15	18.5	23.8	13.4	13.2	16.8	17.2	17.2	17.5	18.2	17.6
26	1009.9	5	5	7	5	1 45	18.7	22.0	15.6	16.0	18.3	18.6	18.5	18.8	18.5	17.6
27	1012.8	7	2	5	5	9 50	18.2	22.6	14.7	14.3	17.9	18.2	18.1	18.4	18.5	17.6
28	1014.1	8	8	4	7	4 55	18.1	21.7	14.5	15.2	18.2	18.5	18.5	18.6	18.6	17.6
29	1013.0	8	8	7	3	3 35	15.5	18.5	11.5	11.5	17.0	17.6	17.6	18.0	18.5	17.7
30	1019.5	0	5	4	5	10 25	**14.3**	18.6	10.4	10.5	15.6	16.2	16.2	16.5	18.0	17.7
31	**1020.9**	1	4	5	5	10 0	15.5	20.4	**9.8**	**10.5**	15.3	16.0	15.9	16.3	17.8	17.6
M	1012.5					189 5	17.5	21.7	13.4							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JULI 2007

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	☈	GEM.	MAX.		0h	6h	12h	18h
1	70	45	-	-	-	6.6	1 17	5	-	-	-	-	X	14	43	SW	VR	SSE	SW	SW
2	82	69	-	-	-	10.4	3 1	13	-	-	-	-	X	14	43	SW	VR	SSW	SW	SW
3	86	72	-	-	-	15.8	7 25	31	-	-	-	-	X	14	29	SSW	SW	SSW	SSW	S
4	81	58	-	-	-	19.1	5 18	22	-	-	-	-	-	22	47	W	SW	WSW	WNW	WSW
5	80	54	-	-	-	17.2	5 5	21	-	-	-	-	-	22	47	W	SW	W	W	WSW
6	70	53	-	-	-	0.2	3 41	15	-	-	-	-	-	29	65	WSW	SSW	WSW	WSW	WSW
7	66	38	-	-	-	-	-	-	-	-	-	-	-	18	36	W	WSW	WSW	W	W
8	65	34	-	-	-	<0.1	0 51	4	-	-	-	-	-	7	32	SW	SSW	SW	SW	SW
9	71	43	-	-	-	0.1	0 5	0	-	-	-	-	X	11	32	SSW	W	SW	SSW	WSW
10	77	57	-	-	-	1.0	1 41	7	-	-	-	-	X	11	36	SW	SSW	SW	W	NNW
11	80	66	-	-	-	0.1	0 17	1	-	-	-	-	-	14	36	WSW	VR	SW	W	W
12	84	63	-	-	-	0.7	4 38	19	-	-	-	-	-	14	36	SW	SW	SW	SW	SSW
13	76	50	-	-	-	0.1	1 51	8	-	-	-	-	-	14	29	WSW	SW	WSW	S	S
14	67	58	-	-	-	-	-	-	-	-	-	-	-	14	40	WSW	SSE	SSW	SW	WNW
15	67	31	-	-	-	-	-	-	-	-	-	-	-	7	29	SE	ENE	NE	ESE	SSE
16	77	58	-	-	-	10.6	6 51	29	-	-	-	-	X	7	54	WSW	S	WNW	ESE	WNW
17	70	42	-	-	-	-	-	-	-	-	-	-	-	14	36	SSW	S	SSW	SSW	SSW
18	70	44	-	-	-	0.8	0 23	2	-	-	-	-	-	7	32	SW	SSE	SSW	SW	NW
19	71	44	96	-	-	-	-	-	-	-	-	-	-	4	25	ESE	SE	VR	E	ESE
20	82	69	-	-	-	14.4	5 21	22	-	-	-	-	X	11	40	WSW	NE	NE	VR	SW
21	63	43	-	-	-	-	-	-	-	-	-	-	-	11	29	SW	WSW	SSW	SW	WSW
22	72	53	-	-	-	-	-	-	-	-	-	-	-	14	43	SW	NW	SW	SW	WNW
23	88	77	-	-	-	8.0	6 1	25	-	-	-	-	-	11	54	SSW	ESE	E	E	ESE
24	75	58	-	-	-	9.0	4 46	20	-	-	-	-	-	25	79	WNW	SSW	W	WNW	WNW
25	69	48	-	-	-	-	-	-	-	-	-	-	-	14	40	W	WSW	SW	W	WSW
26	74	63	-	-	-	3.2	4 52	20	-	-	-	-	-	18	47	W	SSE	SSW	SSW	SSW
27	68	46	-	-	-	4.5	2 30	10	-	-	-	-	-	22	47	WSW	WSW	SW	WSW	WSW
28	75	49	-	-	-	11.0	5 51	24	-	-	-	-	-	18	43	W	SSW	WNW	W	W
29	76	51	-	-	-	16.1	8 10	34	-	-	-	-	-	18	50	NW	SW	SSW	NW	NW
30	67	44	-	-	-	0.4	0 27	2	-	-	-	-	-	14	43	WNW	W	WSW	NW	NW
31	64	44	-	-	-	-	-	-	-	-	-	-	-	7	22	W	WSW	VR	NE	NNE
M	74		96	-	-	149.3	80 22				-	-	7	14						

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. AUGUSTUS 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1015.5	0	1	6	6	12 5	17.2	23.2	9.5	11.1	15.7	16.4	16.2	16.7	17.8	17.4
2	1011.6	6	7	7	7	3 15	17.8	21.7	12.7	13.7	15.5	17.7	17.6	17.9	18.1	17.4
3	1022.1	6	5	5	3	8 50	18.7	23.2	13.0	14.5	17.8	18.1	18.0	18.2	18.3	17.4
4	1022.8	2	1	2	0	12 55	20.3	26.9	12.0	13.0	17.5	17.9	17.9	18.4	18.6	17.4
5	1014.0	0	1	0	0	**13 35**	**22.3**	**30.5**	13.7	15.1	18.5	19.0	18.9	19.3	19.0	17.6
6	1010.1	2	5	7	8	4 50	20.0	26.0	16.5	16.7	19.3	19.7	19.6	19.9	19.4	17.7
7	1014.9	2	7	7	6	6 20	18.2	22.7	14.3	15.2	19.0	19.4	19.4	19.7	19.5	17.5
8	1017.0	7	7	8	7	0 10	16.2	18.0	14.5	15.1	18.3	18.7	18.7	18.9	19.3	18.0
9	1016.5	6	8	8	8	-	15.1	15.8	13.9	13.9	17.5	17.8	17.8	18.0	18.7	18.1
10	1016.3	8	8	7	7	0 20	17.5	21.3	15.0	17.9	17.0	17.5	17.5	17.7	18.4	18.0
11	1015.5	7	5	1	1	10 55	17.4	22.6	12.4	13.3	17.0	17.5	17.4	17.8	18.4	17.9
12	1010.7	0	7	7	8	2 40	17.7	22.8	11.1	12.8	17.3	17.9	17.8	18.2	18.8	17.9
13	1011.7	3	3	5	7	7 15	17.7	22.0	14.1	14.4	17.9	18.4	18.3	18.6	18.8	17.9
14	1007.9	3	7	6	7	6 50	19.1	26.6	11.5	13.9	17.3	17.9	17.7	18.1	18.7	17.9
15	**1001.0**	7	2	6	7	8 50	21.7	25.5	18.8	18.1	19.3	19.4	19.4	19.5	18.9	17.9
16	1008.7	7	8	3	7	8 35	17.3	20.6	13.5	13.3	18.0	18.7	18.6	19.0	19.1	17.9
17	1017.5	1	4	4	6	5 40	15.4	19.3	12.0	11.9	16.7	17.4	17.2	17.8	18.7	18.0
18	1015.5	0	2	7	7	6 5	16.8	21.7	11.3	11.5	16.1	16.8	16.6	17.1	18.4	18.0
19	1007.8	7	7	6	7	3 25	18.2	22.6	15.4	14.7	17.4	17.8	17.7	17.9	18.4	17.9
20	1004.4	6	5	7	6	1 55	16.1	19.1	12.8	14.3	17.7	18.2	18.1	18.4	18.6	17.9
21	1008.4	1	8	7	8	0 35	16.3	21.0	12.2	13.7	17.1	17.5	17.4	17.7	18.4	17.9
22	1005.8	8	5	8	7	-	16.8	18.0	15.9	16.2	17.5	17.8	17.9	17.9	18.3	17.8
23	1013.2	7	8	8	2	2 50	16.9	21.7	13.7	14.9	17.3	17.5	17.4	17.6	18.1	17.8
24	1022.6	0	1	4	5	8 30	19.4	25.7	12.4	13.7	16.5	17.0	16.9	17.3	18.1	17.7
25	**1028.2**	0	7	7	3	4 0	15.6	22.2	14.8	15.6	18.2	18.5	18.4	18.6	18.4	17.7
26	1027.5	0	0	7	2	3 15	17.3	22.6	13.3	13.4	17.7	18.1	18.0	18.4	18.6	17.7
27	1024.6	1	1	7	4	7 35	15.3	20.1	**8.3**	11.4	16.1	16.8	16.7	17.8	18.4	17.2
28	1021.3	2	7	7	5	5 0	14.6	18.8	10.5	10.9	16.6	17.1	17.0	17.4	18.3	17.8
29	1019.5	6	4	4	3	9 40	**14.1**	19.4	9.8	**9.9**	15.5	16.1	16.0	16.5	18.0	17.7
30	1020.6	0	5	5	6	4 50	15.2	20.5	8.7	10.7	15.6	15.9	15.8	16.3	17.8	17.7
31	1019.8	7	8	7	7	0 50	16.5	18.5	15.7	14.6	17.3	17.1	17.0	17.5	17.8	17.6
M	1015.3					171 35	17.4	22.0	13.0							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. AUGUSTUS 2007

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	65	42	-	-	-	-	-	-	-	-	-	-	-	11	29	E	E	ESE	E	ESE
2	70	43	-	-	-	-	-	-	-	-	-	-	-	11	36	NNW	NNE	N	WNW	NW
3	**62**	41	-	-	-	-	-	-	-	-	-	-	-	7	18	WNW	WNW	-	VR	W
4	65	43	-	-	-	-	-	-	-	-	-	-	-	7	29	SW	-	SSW	SW	SSW
5	65	**34**	-	-	-	-	-	-	-	-	-	-	-	14	36	ESE	E	ESE	SE	SE
6	77	56	-	-	-	1.4	2 32	11	-	-	-	-	-	11	36	W	ESE	SE	W	WSW
7	72	49	-	-	-	-	-	-	-	-	-	-	-	11	36	NW	W	WSW	W	NNW
8	75	64	-	-	-	0.9	2 13	9	-	-	-	-	-	11	29	NNW	NNE	NNE	N	N
9	87	75	-	-	-	**16.6**	15 14	63	-	-	-	-	-	11	32	NNW	NNW	NNW	NNW	NNW
10	82	74	-	-	-	0.6	2 5	9	-	-	-	-	-	11	29	NW	NNW	N	N	WNW
11	71	46	-	-	-	-	-	-	-	-	-	-	-	4	22	W	N	N	-	NE
12	79	61	-	-	-	2.0	0 12	1	-	-	-	-	-	7	29	SW	-	-	SW	SSW
13	69	49	-	-	-	-	-	-	-	-	-	-	-	14	36	WSW	WSW	SW	SW	WSW
14	67	41	-	-	-	1.1	2 38	11	-	-	-	-	-	18	58	SSW	SSW	SSE	S	SSW
15	71	50	-	-	-	3.1	2 10	9	-	-	-	-	-	22	54	SW	SSW	SSW	WSW	SW
16	69	40	-	-	-	15.0	2 2	8	-	-	-	-	-	22	47	WSW	SW	WSW	W	WSW
17	70	50	-	-	-	<0.1	0 17	1	-	-	-	-	-	14	40	W	SW	SW	WSW	SW
18	67	48	-	-	-	<0.1	0 16	1	-	-	-	-	-	11	29	S	SSW	SE	SSW	S
19	70	51	-	-	-	<0.1	1 15	5	-	-	-	-	-	11	32	S	SSE	SSE	S	SE
20	87	76	-	-	-	3.9	4 7	17	-	-	-	-	-	14	32	WSW	SW	SSW	SSW	SW
21	87	65	67	-	-	1.3	2 37	11	-	-	-	-	-	7	32	NW	SSE	-	W	NW
22	**90**	81	-	-	-	6.5	8 7	34	-	-	-	-	-	14	50	N	NW	N	NE	NE
23	**90**	71	-	-	-	7.1	5 53	25	-	-	-	-	-	4	14	NE	NE	NE	SE	-
24	79	49	7	-	-	-	-	-	-	-	-	-	-	4	29	NNW	-	-	VR	N
25	83	68	-	-	-	-	-	-	-	-	-	-	-	7	22	SW	NW	N	W	SSW
26	82	62	99	25	-	-	-	-	-	-	-	-	-	11	29	NNW	S	SSW	NW	NNW
27	72	46	-	-	-	-	-	-	-	-	-	-	-	7	29	NNW	NNW	NW	N	NNW
28	69	49	-	-	-	-	-	-	-	-	-	-	-	11	25	NE	N	NNE	NE	NE
29	65	44	-	-	-	-	-	-	-	-	-	-	-	11	14	N	NNE	N	NNE	NNE
30	77	58	-	-	-	-	-	-	-	-	-	-	-	11	36	WNW	N	-	W	WNW
31	81	66	-	-	-	0.4	0 11	1	-	-	-	-	-	14	36	WSW	WSW	WSW	W	WSW
M	75		173	25	-	59.9	51 49				-	-	-	11						

* = Sneeuw ▲ = Hagel R = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE(RLW) 4° 27' 11" E 51° 11' 32" 14m Periode 00-24 h W.T. september 2007

	Druk hPa	Bewolking Octas				Zon Duur	Temperaturen °C									
							Lucht			Gras	Minimum onder naakte grond					
	Gem.	0h	6	12	18	h min	Gem.	Max.	Min.	Min.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1020.2	1	6	7	5	/	17.3	20.2	14.7	14.3	16.6	16.8	16.8	17.0	17.7	17.5
2	1017.5	8	8	7	5	/	**17.9**	20.6	15.9	16.1	17.6	17.7	17.8	17.9	17.9	17.5
3	1015.8	8	6	5	4	/	15.9	19.4	11.9	11.9	16.9	17.3	17.3	17.6	18.0	17.5
4	1025.5	7	4	4	1	/	13.6	17.3	7.6	10.4	15.1	15.9	15.8	16.3	17.7	17.5
5	1029.5	9	7	8	8	/	12.6	15.3	6.9	9.5	14.2	15.0	14.8	15.3	17.2	17.4
6	1029.0	3	7	8	3	/	17.1	19.6	14.9	15.0	16.2	16.4	16.3	16.5	17.1	17.2
7	**1029.6**	8	7	5	3	/	16.9	20.4	13.3	13.0	16.2	16.7	16.6	17.0	17.2	17.1
8	1025.9	9	7	7	6	/	16.5	21.9	10.6	12.1	15.5	16.1	16.0	16.4	17.2	17.1
9	1022.9	8	3	6	5	/	15.8	19.0	12.7	12.5	16.2	16.6	16.5	16.9	17.4	17.1
10	1016.9	6	7	6	2	/	15.0	17.7	13.0	12.7	15.9	16.2	16.1	16.4	17.2	17.1
11	1023.0	8	7	5	6	/	15.4	18.2	10.4	11.9	15.5	15.9	15.9	16.1	16.9	17.0
12	1027.7	8	7	5	5	/	14.7	19.3	7.8	10.6	14.4	15.0	14.9	15.3	16.8	16.9
13	1025.6	9	3	6	1	/	14.5	19.3	9.2	9.8	15.0	15.7	15.6	16.1	16.9	16.8
14	1020.0	9	2	6	8	/	14.5	20.5	**5.7**	**8.0**	13.8	14.5	14.4	14.9	16.7	16.8
15	1024.6	9	4	5	4	/	14.0	20.1	7.9	9.1	14.3	14.9	14.8	15.2	16.6	16.8
16	1015.4	9	5	6	2	/	16.7	22.1	9.1	9.4	14.7	15.1	15.0	15.4	16.6	16.7
17	1009.9	1	6	7	7	/	14.1	16.6	11.9	12.3	15.5	15.8	15.8	16.0	16.7	16.7
18	1018.4	2	7	5	6	/	11.7	15.0	8.5	9.0	13.8	14.5	14.4	14.8	16.4	16.6
19	1022.8	4	4	3	8	/	11.8	16.5	8.1	8.4	13.1	13.7	13.6	14.0	16.0	16.5
20	1020.6	8	7	6	7	/	15.2	19.0	11.6	11.5	14.1	14.4	14.4	14.6	15.8	16.3
21	1020.2	8	7	3	2	/	16.5	20.4	11.5	11.8	14.9	15.2	15.2	15.3	15.9	16.2
22	1021.8	9	7	1	1	/	15.2	21.8	7.8	9.5	14.1	14.6	14.5	14.9	16.0	16.2
23	1020.5	9	1	2	1	/	15.7	**22.6**	8.4	9.9	14.1	14.6	14.5	14.9	16.1	16.2
24	1013.1	3	5	7	3	/	15.0	19.0	11.6	10.9	14.3	14.8	14.7	15.1	16.2	16.2
25	1014.0	9	1	5	6	/	12.6	17.2	9.6	9.3	13.3	13.9	13.8	14.2	15.9	16.2
26	1015.1	8	3	7	7	/	**10.9**	13.0	9.2	9.2	13.3	13.8	13.7	14.0	15.5	16.1
27	1013.3	8	7	6	7	/	12.2	16.4	8.3	8.2	12.9	13.2	13.2	13.5	15.2	15.9
28	**1007.0**	7	8	7	4	/	13.0	15.6	8.4	9.7	13.4	13.8	13.7	14.0	15.1	15.7
29	1011.5	5	7	6	7	/	12.7	14.7	11.5	11.2	13.3	13.7	13.6	13.9	14.9	15.6
30	1022.4	3	4	5	7	/	13.0	17.6	9.6	9.4	12.6	13.0	13.0	13.3	14.8	15.5
M	1019.9					/	14.6	18.5	10.2							

Bewolking : 9 = Bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE (RLW) 4° 27' 11" E 51° 11' 32" 14m Periode 00-24 h W.T. september 2007

	Rel.Vocht.		Mist			Neerslag								Wind						
	%		Duur in minuten				Duur		* (cm)		Dag met			Snelheid (km/h) en richting						
	Gem.	Min.	<1000m	<500m	<200m	l/m³	h min	%	6h	18h	*	^	R	Gem.	Max.		0h	6h	12h	18h
1	71	49	-	-	-	-	-	-	/	/	-	-	-	14	43	W	W	WSW	W	WNW
2	73	55	-	-	-	-	0 36	3	/	/	-	-	-	14	32	WSW	SW	WSW	W	WSW
3	73	45	-	-	-	3.3	4 03	17	/	/	-	-	-	**18**	43	NNW	SW	NNW	NNW	NNW
4	**66**	48	-	-	-	0.2	1 16	5	/	/	-	-	-	14	43	NNW	NW	NNW	NNW	N
5	87	66	-	-	-	1.3	7 47	32	/	/	-	-	-	7	22	SSW	-	SW	SW	SSW
6	88	79	-	-	-	0.2	1 00	4	/	/	-	-	-	11	32	NNW	W	NNW	NNW	N
7	79	61	-	-	-	-	0 21	1	/	/	-	-	-	11	25	N	N	NNE	N	N
8	82	58	110	71	9	-	-	-	/	/	-	-	-	11	32	N	NW	W	N	NNW
9	71	54	-	-	-	-	-	-	/	/	-	-	-	11	36	NNW	NNW	NW	N	NNW
10	79	56	-	-	-	3.4	3 24	14	/	/	-	-	-	**18**	54	NNW	SW	W	W	NNW
11	73	59	-	-	-	-	-	-	/	/	-	-	-	14	40	NW	NW	W	N	NNW
12	77	57	15	1	-	-	-	-	/	/	-	-	-	**4**	18	NW	-	-	N	NNE
13	81	55	67	33	4	-	-	-	/	/	-	-	-	7	22	E	NE	NE	ESE	ESE
14	77	54	225	171	45	0.1	-	-	/	/	-	-	-	11	40	WNW	NNW	SSE	W	WNW
15	74	**44**	158	138	10	-	-	-	/	/	-	-	-	**4**	18	SSE	WNW	-	S	SE
16	72	54	-	-	-	-	-	-	/	/	-	-	-	11	36	SW	SE	SSW	SW	S
17	89	75	-	-	-	9.9	8 44	36	/	/	-	-	-	11	32	SW	WSW	SSW	W	SW
18	76	47	-	-	-	9.8	4 33	19	/	/	-	-	-	14	47	NNW	SW	WSW	NNW	WNW
19	73	50	-	-	-	-	1 29	6	/	/	-	-	-	14	40	SSW	SW	SSW	WSW	SSW
20	69	57	-	-	-	-	0 21	1	/	/	-	-	-	**18**	40	SSW	SW	SSW	SW	SSW
21	67	46	-	-	-	-	-	-	/	/	-	-	-	14	40	SSW	SW	SSW	SSW	S
22	78	52	50	43	7	-	-	-	/	/	-	-	-	7	**14**	SSW	SSW	SSW	VAR	ENE
23	80	58	83	32	5	-	-	-	/	/	-	-	-	7	32	SSW	ESE	ESE	S	S
24	78	58	-	-	-	1.7	1 19	5	/	/	-	-	-	14	**58**	SW	S	SSE	SSW	WSW
25	76	54	-	-	-	2.9	1 31	6	/	/	-	-	-	14	43	SW	SW	SSW	WSW	SSW
26	86	78	-	-	-	6.5	6 20	26	/	/	-	-	-	11	40	NW	WSW	W	N	NNW
27	80	63	-	-	-	-	-	-	/	/	-	-	-	**18**	43	N	NNE	NNE	NNE	N
28	87	76	93	44	7	9.8	6 10	26	/	/	-	-	-	11	32	NNE	N	N	ENE	N
29	**91**	84	-	-	-	**10.4**	9 09	38	/	/	-	-	-	11	29	NW	N	WSW	SW	NNW
30	76	50	-	-	-	-	-	-	/	/	-	-	-	7	22	WSW	WSW	SW	WNW	NE
M	78		801	533	87	59.5	58 03				0	0	0	3						

* = Sneeuw ^ = Hagel R = Onweer <0.1 : Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. OKTOBER 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1023.4	7	5	8	7	/ /	12.0	12.9	10.9	10.4	13.4	13.7	13.7	13.9	14.7	15.4
2	1021.0	8	8	8	8	/ /	13.2	14.4	12.1	12.5	13.7	13.8	13.8	13.9	14.6	15.3
3	1018.5	8	7	7	7	/ /	**14.7**	17.3	12.8	13.2	14.1	14.2	14.1	14.3	14.7	15.2
4	1021.6	8	8	5	6	/ /	**14.7**	18.1	9.0	10.5	14.2	14.8	14.7	15.0	14.9	15.2
5	1024.9	9	3	4	6	/ /	11.8	17.2	4.8	7.9	12.6	13.2	13.1	13.5	15.0	15.2
6	1023.4	9	0	0	0	/ /	12.1	17.8	7.6	7.8	12.1	12.7	12.6	13.0	14.7	15.2
7	1022.2	9	0	0	0	/ /	11.2	18.1	3.5	6.7	11.4	12.1	11.9	12.4	14.4	15.1
8	1024.5	9	8	7	6	/ /	11.1	14.9	7.1	8.4	12.2	12.6	12.5	12.8	14.3	15.0
9	1023.9	3	7	5	7	/ /	12.4	16.3	9.2	9.8	12.6	12.9	12.9	13.1	14.2	14.9
10	1023.7	8	8	8	8	/ /	13.2	16.0	10.5	10.5	13.2	13.7	13.6	13.8	14.3	14.8
11	1027.8	9	8	8	0	/ /	10.7	13.3	6.7	9.4	12.5	12.9	12.8	13.2	14.3	14.8
12	1025.1	7	4	7	4	/ /	12.7	18.2	8.7	10.1	12.4	12.8	12.7	13.0	14.1	14.7
13	1026.7	7	7	3	0	/ /	12.0	16.2	6.6	7.3	11.8	12.5	12.4	12.8	14.1	14.7
14	1022.2	9	0	0	0	/ /	10.3	17.5	3.4	6.0	10.6	11.3	11.2	11.7	13.8	14.5
15	1016.7	9	0	1	7	/ /	12.1	18.7	5.6	6.2	10.4	11.0	10.9	11.3	13.4	14.4
16	1017.0	4	3	5	4	/ /	14.5	**18.9**	10.9	10.3	12.2	12.4	12.4	12.6	13.5	14.3
17	1016.7	2	5	8	2	/ /	12.8	15.0	9.2	9.0	12.0	12.4	12.4	12.7	13.7	14.3
18	1030.1	9	4	5	5	/ /	10.9	14.0	8.1	8.0	10.0	11.5	11.4	11.8	13.4	14.2
19	1034.4	8	6	6	7	/ /	9.7	12.2	7.3	6.3	10.5	10.9	10.8	11.2	13.0	14.1
20	**1036.3**	8	1	2	2	/ /	6.8	10.7	2.8	2.7	8.7	9.5	9.3	9.9	12.5	13.9
21	1030.6	7	4	5	8	/ /	7.9	12.8	1.0	2.0	7.8	8.5	8.4	8.9	12.0	13.7
22	1027.2	7	7	1	2	/ /	6.5	10.2	2.2	1.8	7.9	8.7	8.5	9.1	11.9	13.5
23	1026.4	9	0	0	1	/ /	**4.3**	9.0	**0.1**	**0.2**	6.7	7.5	7.4	8.0	11.2	13.2
24	1025.4	9	7	7	7	/ /	6.7	9.4	2.0	2.2	6.6	7.3	7.2	7.7	10.7	12.9
25	1024.2	8	8	7	7	/ /	8.0	9.4	6.8	7.0	8.4	8.6	8.6	8.8	10.7	12.7
26	1022.9	8	7	7	7	/ /	8.8	10.1	7.8	7.9	9.0	9.2	9.2	9.4	10.7	12.5
27	1027.7	8	7	7	7	/ /	9.5	10.6	8.8	8.6	9.4	9.6	9.5	9.7	10.9	12.4
28	1021.2	7	5	7	8	/ /	10.3	12.7	8.6	7.9	9.4	9.7	9.6	9.9	11.0	12.4
29	**1012.7**	7	8	8	8	/ /	9.7	11.1	8.6	8.2	9.9	10.2	10.1	10.3	11.2	12.3
30	1019.7	4	7	5	3	/ /	9.4	12.5	4.4	4.2	8.3	9.0	8.9	9.3	11.2	12.3
31	1029.5	9	5	6	7	/ /	9.3	14.3	1.9	3.1	7.5	8.2	8.1	8.5	10.8	12.3
M	1024.1					/ /	10.6	14.2	6.7							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. OKTOBER 2007

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG								WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)		DAG MET									
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	91	86	-	-	-	9.8	8 38	36	/	/	-	-	-	11	25	ENE	ENE	ENE	E	ENE
2	93	89	-	-	-	-	-	-	/	/	-	-	-	11	22	E	ENE	ENE	ENE	E
3	93	88	171	-	-	1.1	5 18	22	/	/	-	-	-	7	18	WNW	E	E	S	WNW
4	85	70	27	7	-	-	-	-	/	/	-	-	-	7	25	NW	WNW	WSW	SW	NNW
5	81	59	277	236	108	-	-	-	/	/	-	-	-	4	22	NE	-	-	ENE	NE
6	79	50	-	-	-	-	-	-	/	/	-	-	-	11	29	ENE	ENE	NNE	ENE	NE
7	85	57	461	350	105	-	-	-	/	/	-	-	-	4	22	NNW	ENE	SSE	VR	NNW
8	88	74	475	398	230	-	-	-	/	/	-	-	-	4	11	ENE	NNW	ESE	E	-
9	86	65	50	25	13	10.4	6 54	29	/	/	-	-	-	7	22	SSE	-	ESE	SSE	SE
10	89	75	-	-	-	0.3	2 21	10	/	/	-	-	-	7	22	NNW	SSW	SSE	ENE	NNW
11	93	84	581	354	107	-	-	-	/	/	-	-	-	4	18	SW	NNE	SSE	VR	S
12	89	72	151	118	90	-	-	-	/	/	-	-	-	11	32	NW	SW	WSW	WNW	NNW
13	81	62	2	2	-	-	-	-	/	/	-	-	-	7	22	E	NNE	ENE	ESE	ENE
14	83	53	69	32	6	-	-	-	/	/	-	-	-	7	25	SE	E	E	SE	ESE
15	84	65	76	42	-	-	-	-	/	/	-	-	-	11	32	WSW	E	S	SSW	SW
16	77	57	-	-	-	-	-	-	/	/	-	-	-	11	32	SW	SSW	SSW	SSW	S
17	80	61	-	-	-	8.8	5 28	23	/	/	-	-	-	18	54	WNW	SSW	SSW	SW	WNW
18	70	51	-	-	-	0.9	2 16	9	/	/	-	-	-	11	40	NW	W	NNW	NW	NNW
19	75	55	-	-	-	-	-	-	/	/	-	-	-	7	22	NNE	W	WSW	N	N
20	72	**44**	-	-	-	-	-	-	/	/	-	-	-	7	22	SE	NE	ENE	E	E
21	79	58	-	-	-	0.1	2 38	11	/	/	-	-	-	11	36	NW	-	-	NW	NNW
22	80	58	-	-	-	-	-	-	/	/	-	-	-	11	29	ESE	E	ESE	ESE	E
23	77	58	-	-	-	-	-	-	/	/	-	-	-	14	29	ENE	ENE	ENE	ENE	ENE
24	81	73	-	-	-	-	-	-	/	/	-	-	-	14	32	ENE	NE	NE	ENE	ENE
25	84	80	-	-	-	-	-	-	/	/	-	-	-	11	25	E	NE	NE	ENE	ENE
26	79	70	-	-	-	-	-	-	/	/	-	-	-	7	22	E	NE	NE	NE	E
27	74	71	-	-	-	-	-	-	/	/	-	-	-	7	25	SSW	SSW	SSW	SSW	SW
28	74	62	-	-	-	0.8	3 12	13	/	/	-	-	-	18	43	SSW	SSW	S	SSW	S
29	89	74	-	-	-	**12.7**	15 36	65	/	/	-	-	-	11	32	SSW	S	SSW	SSW	W
30	79	61	29	27	-	0.6	2 19	10	/	/	-	-	-	11	32	NW	WNW	WSW	NW	NNW
31	81	63	252	178	71	-	-	-	/	/	-	-	-	7	22	SW	WSW	SW	WSW	SSW
M	82/		2621	1769	730	45.5	54 40				-	-	-	9						

* = Sneeuw ▲ = Hagel R = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. NOVEMBER 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1031.9	8	7	7	8	/ /	11.8	13.2	10.8	10.4	10.3	10.3	10.3	10.3	10.9	12.2
2	**1032.9**	8	8	8	8	/ /	12.4	13.8	11.0	10.7	10.8	10.9	10.9	11.0	11.2	12.1
3	1029.7	8	8	8	6	/ /	**12.8**	**14.0**	10.4	9.5	11.0	11.4	11.3	11.6	11.5	12.2
4	1029.2	7	8	8	7	/ /	10.4	12.5	7.0	6.5	10.4	10.7	10.6	10.9	11.8	12.2
5	1026.9	8	7	8	8	/ /	10.1	11.7	7.4	8.1	10.4	10.7	10.6	10.8	11.7	12.3
6	1028.1	5	6	5	6	/ /	9.4	11.6	7.6	7.4	9.7	10.0	10.0	10.2	11.5	12.3
7	1023.4	8	7	7	5	/ /	10.0	12.0	7.9	7.5	9.3	9.7	9.6	9.8	11.2	12.3
8	1015.4	2	6	7	6	/ /	10.1	12.2	6.4	6.4	9.2	9.6	9.5	9.8	11.1	12.1
9	1017.8	6	7	5	7	/ /	6.0	8.1	3.7	3.8	7.7	8.0	8.0	8.3	10.5	12.0
10	1016.4	4	7	6	8	/ /	9.7	12.3	6.3	5.8	7.7	8.0	8.0	8.3	10.2	11.7
11	1012.4	7	7	4	5	/ /	9.7	11.8	4.2	4.1	7.6	8.2	8.0	8.5	10.2	11.4
12	1021.1	3	3	4	5	/ /	6.0	9.6	4.1	3.5	6.7	7.4	7.2	7.7	9.8	11.3
13	1011.7	8	8	8	7	/ /	5.6	8.0	3.9	3.9	/	/	/	/	/	/
14	1014.9	8	3	3	6	/ /	4.1	6.3	2.1	1.1	/	/	/	/	/	/
15	1026.7	6	0	2	1	/ /	2.6	5.0	-0.5	-0.7	4.3	5.0	4.8	5.4	8.4	10.7
16	1029.4	4	0	6	7	/ /	3.5	7.1	-2.4	-0.9	3.4	4.1	4.0	4.5	7.9	10.4
17	1027.0	9	0	5	2	/ /	3.5	8.3	-1.7	-1.0	3.5	4.1	4.0	4.5	7.6	10.2
18	1012.3	9	1	1	3	/ /	**1.4**	7.0	**-3.9**	**-2.6**	2.5	3.2	3.0	3.6	7.1	9.9
19	1007.0	8	8	8	8	/ /	4.4	6.6	2.0	1.2	3.4	3.9	3.8	4.2	6.9	9.6
20	1007.6	8	7	7	7	/ /	7.7	10.7	5.3	5.0	5.4	5.5	5.4	5.5	7.0	9.4
21	**1004.9**	8	7	7	1	/ /	9.5	12.6	4.6	3.6	6.1	6.6	6.5	6.8	7.4	9.3
22	1006.0	9	4	3	3	/ /	8.5	13.7	1.9	2.3	5.4	5.8	5.8	6.1	7.8	9.3
23	1016.9	9	7	7	1	/ /	6.7	8.7	4.6	2.6	4.9	5.6	5.4	5.9	7.9	9.3
24	1024.6	9	7	6	7	/ /	4.7	8.6	-2.2	-0.3	4.2	4.8	4.7	5.1	7.6	9.3
25	1020.3	8	8	7	7	/ /	7.4	9.8	5.5	4.9	6.0	6.1	6.1	6.2	7.6	9.2
26	1027.6	7	2	5	7	/ /	6.4	7.6	5.0	4.0	5.7	6.0	5.9	6.2	7.7	9.2
27	1029.1	8	7	7	7	/ /	6.2	7.4	5.5	4.9	6.0	6.2	6.1	6.3	7.6	9.1
28	1020.7	7	7	8	6	/ /	6.0	6.9	5.1	4.5	5.9	6.2	6.1	6.4	7.7	9.1
29	1009.1	8	8	8	7	/ /	5.9	7.5	4.6	3.9	5.4	5.9	5.8	6.2	7.6	9.1
30	1008.8	9	7	7	8	/ /	7.2	9.4	4.1	3.3	5.1	5.6	5.4	5.8	7.5	9.0
M	1019.7					/ /	7.3	9.8	4.3							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. NOVEMBER 2007

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	ᴙ	GEM.	MAX.		0h	6h	12h	18h
1	85	83	-	-	-	-	-	-	/	/	-	-	-	11	25	W	SW	SSW	W	W
2	**91**	89	24	-	-	1.4	11 51	49	/	/	-	-	-	7	18	WSW	SW	SW	SW	WNW
3	90	83	-	-	-	0.1	2 34	11	/	/	-	-	-	11	25	NNW	W	W	WNW	WNW
4	81	65	38	22	3	-	-	-	/	/	-	-	-	7	18	NNE	N	N	NNW	N
5	83	70	-	-	-	0.7	3 27	14	/	/	-	-	-	11	43	WNW	-	SSE	WSW	SW
6	79	62	-	-	-	5.7	8 57	37	/	/	-	-	-	14	50	NNW	WNW	WNW	NNW	NW
7	81	74	-	-	-	1.6	2 35	11	/	/	-	-	-	22	50	W	W	WSW	W	W
8	86	71	-	-	-	9.0	5 24	23	/	/	-	-	-	18	76	WNW	W	WSW	WSW	SW
9	78	61	-	-	-	**16.4**	10 31	44	/	/	-	X	-	29	90	NW	NNW	NW	NNW	WNW
10	83	66	-	-	-	8.9	11 42	43	/	/	-	-	-	25	58	NW	WSW	W	NNW	W
11	77	66	-	-	-	1.1	4 18	13	/	/	-	-	-	25	61	W	W	W	NNW	NNW
12	81	54	-	-	-	3.7	5 56	25	/	/	-	X	-	14	43	NW	NNE	NW	W	W
13	87	75	-	-	-	6.8	7 53	33	/	/	-	-	-	18	47	NW	W	WSW	SSW	WNW
14	77	56	-	-	-	<0.1	0 22	2	/	/	-	-	-	11	36	NNE	N	N	NNE	N
15	**74**	58	-	-	-	-	-	-	/	/	-	-	-	7	18	N	N	N	NNE	-
16	76	61	-	-	-	-	-	-	/	/	-	-	-	7	22	WSW	SSE	SSW	W	W
17	75	**49**	-	-	-	-	-	-	/	/	-	-	-	7	22	WSW	VR	SW	WSW	SSW
18	84	68	-	-	-	-	-	-	/	/	-	-	-	11	32	SSE	E	ESE	SE	ESE
19	85	78	-	-	-	3.5	4 11	17	/	/	-	-	-	14	32	ESE	ESE	SE	SSE	SE
20	86	74	-	-	-	4.0	11 16	47	/	/	-	-	-	14	29	SE	ESE	SE	SE	ESE
21	87	70	-	-	-	1.7	4 1	17	/	/	-	-	-	11	32	S	ESE	S	SSW	S
22	85	65	129	51	-	-	-	-	/	/	-	-	-	11	32	SW	SSE	S	SSW	SSW
23	81	61	11	-	-	0.5	1 1	4	/	/	-	-	-	14	43	E	SW	W	N	NNW
24	81	65	-	-	-	0.3	1 59	8	/	/	-	-	-	11	36	SW	NNW	SSW	W	SW
25	83	70	-	-	-	4.6	4 59	21	/	/	-	-	-	22	58	NW	WSW	W	NW	NW
26	78	63	-	-	-	0.6	5 30	23	/	/	-	-	-	14	47	NW	NNW	NW	NNW	W
27	89	85	-	-	-	0.7	4 47	20	/	/	-	-	-	7	22	S	W	WSW	SSW	SW
28	75	66	-	-	-	-	-	-	/	/	-	-	-	14	40	SSW	SSW	S	SSW	S
29	87	69	-	-	-	3.8	9 15	39	/	/	-	-	-	18	40	SSW	SSW	SW	SSW	SW
30	87	82	-	-	-	9.0	8 42	36	/	/	-	-	-	18	43	SSW	W	SW	SW	SSW
M	82		202	73	3	84.1	131 11				-	2	-	14						

* = Sneeuw ▲ = Hagel ᴙ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. DECEMBER 2007

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1004.0	8	4	5	7	/ /	9.2	10.8	6.7	5.7	6.6	6.9	6.8	7.0	7.6	8.9
2	995.6	9	5	7	6	/ /	9.3	12.2	6.7	5.7	6.3	6.5	6.5	6.7	7.8	8.9
3	997.6	7	6	3	5	/ /	7.7	8.9	5.6	5.3	6.5	6.7	6.7	6.9	7.9	8.8
4	1015.0	8	7	8	8	/ /	7.8	11.1	6.0	4.9	5.9	6.2	6.1	6.4	7.7	8.8
5	1012.9	8	7	7	5	/ /	**11.8**	12.8	10.3	8.6	7.7	7.5	7.6	7.5	7.7	8.8
6	1009.9	9	3	8	8	/ /	10.7	13.6	8.5	7.5	7.4	7.5	7.5	7.7	8.1	8.8
7	998.8	8	5	7	4	/ /	10.5	**14.1**	7.0	6.3	7.4	7.7	7.6	7.9	8.3	8.8
8	1002.5	8	5	8	7	/ /	6.6	9.8	4.8	4.6	6.7	7.1	7.0	7.3	8.4	9.0
9	**986.8**	7	3	3	7	/ /	8.2	10.0	6.9	6.0	6.5	6.8	6.7	7.0	8.1	9.0
10	1000.9	8	8	7	7	/ /	7.9	9.0	7.4	6.8	7.2	7.3	7.3	7.4	8.0	8.9
11	1026.3	8	1	3	1	/ /	6.2	8.1	4.1	2.3	4.5	5.2	5.1	5.6	7.8	8.8
12	1037.5	9	0	7	7	/ /	2.9	5.0	-1.7	-1.0	3.3	4.0	3.9	4.4	7.1	8.7
13	**1041.9**	8	4	7	8	/ /	2.0	4.0	-1.3	-0.2	3.3	3.9	3.7	4.2	6.7	8.6
14	1040.0	8	8	7	7	/ /	1.3	3.2	-1.0	-0.6	3.2	3.7	3.6	4.0	6.3	8.4
15	1037.0	8	0	1	7	/ /	1.5	3.5	-0.8	-1.8	2.4	3.0	2.8	3.3	5.9	8.2
16	1037.9	9	0	2	1	/ /	-0.6	3.5	-3.6	-3.7	1.2	1.8	1.7	2.1	5.4	8.0
17	1035.9	9	0	7	0	/ /	-1.1	0.9	-2.7	-3.0	0.8	1.3	1.2	1.6	4.8	7.7
18	1037.0	9	0	2	0	/ /	-1.5	1.5	-3.7	-4.3	0.6	1.0	1.0	1.3	4.4	7.4
19	1039.1	9	0	0	0	/ /	-0.9	4.0	-3.5	-3.7	0.5	0.9	0.8	1.1	4.1	7.1
20	1036.4	9	8	8	8	/ /	-3.9	-2.5	-5.2	-4.2	0.4	0.8	0.8	1.0	3.8	6.9
21	1029.6	9	8	8	8	/ /	**-4.1**	-3.1	-5.4	-3.7	0.5	0.8	0.8	1.0	3.7	6.6
22	1026.6	1	1	1	1	/ /	-3.0	4.2	**-8.4**	**-5.4**	0.4	0.7	0.7	1.0	3.5	6.4
23	1029.0	7	8	5	9	/ /	2.4	6.1	-2.0	-1.6	0.5	0.7	0.7	1.0	3.4	6.2
24	1027.2	9	8	1	9	/ /	2.8	7.2	-2.0	-1.4	0.5	0.8	0.8	1.0	3.3	6.1
25	1019.3	3	1	1	9	/ /	3.7	6.7	-1.1	-1.6	0.7	1.0	1.0	1.2	3.4	6.0
26	1025.7	8	7	7	8	/ /	3.8	5.0	2.6	2.6	2.1	2.0	2.1	2.1	3.4	5.8
27	1030.7	8	8	8	8	/ /	4.8	7.0	3.0	2.9	3.2	3.3	3.3	3.4	3.8	5.8
28	1025.5	8	7	4	4	/ /	6.7	8.7	3.9	3.9	4.4	4.3	4.3	4.2	4.3	5.9
29	1014.7	8	7	4	2	/ /	6.7	8.9	4.2	4.1	4.4	4.4	4.4	4.4	4.8	6.0
30	1023.8	6	7	5	6	/ /	6.3	7.8	5.5	4.8	4.4	4.5	4.5	4.6	5.1	6.1
31	1029.3	8	7	7	8	/ /	5.6	6.9	3.7	3.9	4.5	4.7	4.6	4.7	5.3	6.2
M	1021.8					/ /	4.2	6.7	1.8							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. DECEMBER 2007

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	DUUR h min	%	* (cm) 6h	* (cm) 18	*	▲	⅋	GEM.	MAX.		0h	6h	12h	18h
1	76	61	-	-	-	5.7	7 5	30	/	/	-	-	-	25	72	SW	SSW	WSW	SW	SSW
2	82	57	-	-	-	5.1	7 7	30	/	/	-	-	-	29	83	SSW	SW	SW	SW	WSW
3	77	58	-	-	-	8.0	7 42	32	/	/	-	-	-	25	61	WNW	WSW	WNW	WNW	SW
4	85	77	-	-	-	0.4	3 57	16	/	/	-	-	-	14	32	SW	WNW	W	WSW	SSW
5	81	72	-	-	-	0.5	3 5	13	/	/	-	-	-	25	58	SSW	SSW	SSW	SSW	SW
6	87	75	-	-	-	11.8	15 16	64	/	/	-	-	-	22	54	SW	WSW	SW	SW	SW
7	75	61	-	-	-	6.9	5 56	25	/	/	-	-	-	29	79	W	SW	WSW	NW	W
8	80	70	-	-	-	7.3	6 12	26	/	/	-	-	-	22	65	SSW	W	WSW	SSW	S
9	81	68	-	-	-	4.9	4 54	20	/	/	-	-	-	22	54	SSW	SW	SW	SSW	S
10	86	77	-	-	-	4.3	7 39	32	/	/	-	-	-	18	61	W	SW	NNW	N	NNW
11	76	64	-	-	-	0.2	1 50	8	/	/	-	-	-	14	40	NNW	N	NNW	NNW	NNW
12	90	78	10	6	-	-	-	-	/	/	-	-	-	4	11	NE	NNW	WNW	NE	-
13	92	87	111	80	48	-	-	-	/	/	-	-	-	7	18	E	NE	NE	E	ENE
14	83	66	293	147	54	-	-	-	/	/	-	-	-	11	32	E	W	NE	ENE	E
15	75	61	-	-	-	-	-	-	/	/	-	-	-	14	36	E	NE	ENE	E	E
16	77	62	-	-	-	-	-	-	/	/	-	-	-	11	25	NE	E	E	E	ENE
17	81	68	-	-	-	-	-	-	/	/	-	-	-	18	43	E	ENE	ENE	E	ENE
18	84	71	-	-	-	-	-	-	/	/	-	-	-	11	25	ENE	ENE	ENE	NE	ENE
19	83	63	-	-	-	-	-	-	/	/	-	-	-	7	18	NE	ENE	ENE	E	NNE
20	94	89	1130	540	37	0.3	17 49	74	/	/	X	-	-	7	14	ENE	ENE	E	E	ESE
21	96	93	1422	1406	878	<0.1	4 5	17	/	/	X	-	-	4	11	ESE	E	ESE	ESE	ESE
22	87	62	162	146	143	-	-	-	/	/	-	-	-	4	22	SW	SSE	E	SE	SSE
23	82	68	242	163	37	-	-	-	/	/	-	-	-	7	22	SW	SW	W	SW	S
24	84	68	260	137	62	-	-	-	/	/	-	-	-	11	29	SSW	S	SE	SSW	S
25	69	52	-	-	-	0.6	1 32	6	/	/	-	-	-	14	32	SSW	S	SSE	S	SSW
26	93	88	264	91	-	0.1	1 21	6	/	/	-	-	-	14	29	SSW	SW	SSW	SW	SSW
27	90	86	-	-	-	<0.1	0 21	1	/	/	-	-	-	18	40	SSW	SSW	S	SSW	SSW
28	84	72	-	-	-	-	-	-	/	/	-	-	-	22	50	SSW	SSW	SSW	SSW	S
29	83	71	-	-	-	4.2	6 37	28	/	/	-	-	-	22	54	SSW	SSW	SSW	SW	SW
30	85	78	-	-	-	2.7	6 10	26	/	/	-	-	-	14	36	WSW	SW	WNW	WNW	W
31	90	84	-	-	-	<0.1	0 29	2	/	/	-	-	-	4	11	WSW	W	W	SSW	-
M	83		3894	2716	1259	63.0	109 7				2	-	-	15						

* = Sneeuw ▲ = Hagel ⅋ = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JANUARI 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1025.3	8	8	8	8	/ /	3.7	5.4	0.7	1.3	4.1	4.4	4.3	4.5	5.4	6.3
2	1019.0	8	1	1	1	/ /	**-1.0**	1.3	**-3.2**	**-3.6**	1.2	1.9	1.8	2.3	5.0	6.4
3	1006.0	9	8	8	8	/ /	0.0	0.9	-2.2	-3.0	1.1	1.6	1.5	1.9	4.3	6.4
4	1006.5	7	8	7	7	/ /	4.0	9.0	0.0	-0.6	1.5	1.8	1.7	2.0	4.2	6.2
5	1001.8	8	7	6	5	/ /	7.5	9.1	4.9	4.6	3.9	3.6	3.7	3.6	4.3	6.1
6	1010.6	7	1	1	0	/ /	5.2	7.6	2.4	1.3	3.2	3.5	3.5	3.7	4.8	6.1
7	1010.8	8	6	4	7	/ /	8.2	10.2	5.4	4.1	3.7	3.8	3.7	3.8	4.9	6.1
8	1018.0	9	7	7	7	/ /	5.6	8.6	4.6	3.3	3.6	4.0	3.9	4.1	5.1	6.2
9	1012.5	6	7	5	4	/ /	7.2	8.6	6.0	4.6	4.4	4.7	4.6	4.8	5.2	6.2
10	1010.2	9	0	7	7	/ /	8.4	11.6	5.5	4.5	4.1	4.3	4.3	4.4	5.4	6.3
11	999.3	8	6	7	7	/ /	10.4	12.4	8.6	7.6	6.4	6.1	6.1	6.0	5.6	6.4
12	1005.8	8	8	3	6	/ /	5.7	8.8	5.1	4.0	4.7	5.1	5.0	5.3	6.1	6.4
13	1012.3	9	8	7	5	/ /	6.0	9.4	1.6	1.1	4.2	4.6	4.5	4.9	6.1	6.6
14	1004.1	1	7	3	6	/ /	7.7	10.4	4.6	3.4	4.1	4.5	4.4	4.7	5.9	6.7
15	**994.9**	5	3	7	7	/ /	9.1	10.2	8.3	7.2	5.7	5.7	5.7	5.8	5.9	6.7
16	995.3	7	7	7	4	/ /	7.5	9.4	4.6	3.9	4.8	5.1	5.1	5.4	6.2	6.7
17	1005.1	9	8	7	8	/ /	7.4	10.6	4.3	3.8	4.8	5.1	5.0	5.3	6.2	6.8
18	1012.2	6	1	8	8	/ /	9.9	**13.2**	8.2	6.7	5.9	6.0	5.9	6.1	6.3	6.9
19	1019.6	8	8	8	8	/ /	**12.5**	**13.2**	11.7	11.0	8.2	7.7	7.8	7.6	6.5	6.9
20	1021.7	7	8	8	8	/ /	12.3	**13.2**	11.3	10.3	9.1	8.9	8.9	8.8	7.3	7.0
21	1013.6	8	7	7	8	/ /	10.5	11.5	9.0	8.4	8.5	8.5	8.5	8.5	7.8	7.2
22	1021.6	7	3	4	3	/ /	5.5	10.5	2.2	2.2	5.4	5.9	5.8	6.2	7.8	7.5
23	1028.4	8	8	8	7	/ /	7.3	9.9	3.7	3.1	5.3	5.8	5.7	6.0	7.3	7.7
24	1028.3	8	7	7	4	/ /	8.9	10.5	3.9	2.4	5.4	6.1	5.9	6.4	7.3	7.7
25	**1037.5**	9	9	5	7	/ /	5.2	8.8	2.7	1.9	4.3	4.9	4.8	5.2	7.0	7.7
26	1034.5	9	6	3	2	/ /	7.4	9.9	6.0	5.0	5.5	5.7	5.6	5.9	6.9	7.6
27	1032.6	4	8	8	7	/ /	7.8	9.1	6.5	5.7	5.8	6.0	5.9	6.1	6.9	7.6
28	1034.3	8	8	8	7	/ /	7.9	8.9	7.0	6.6	6.8	6.8	6.8	6.9	7.0	7.6
29	1028.9	8	7	7	7	/ /	5.8	7.0	4.5	4.7	6.1	6.3	6.3	6.4	7.1	7.6
30	1025.1	8	8	8	2	/ /	4.5	6.9	2.1	1.6	4.4	5.0	4.9	5.4	7.0	7.6
31	1012.5	9	4	8	8	/ /	4.4	7.7	1.7	1.0	3.7	4.2	4.1	4.5	6.5	7.5
M	1015.8					/ /	7.0	9.2	4.6							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JANUARI 2008

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG	DUUR		* (cm)		DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	**92**	85	-	-	-	0.1	1 49	8	/	/	-	-	-	11	29	E	SSW	E	E	ESE
2	83	70	-	-	-	-	-	-	/	/	-	-	-	14	40	E	E	E	E	E
3	78	66	-	-	-	1.3	7 47	32	/	/	X	-	-	18	40	E	ENE	E	E	E
4	79	67	-	-	-	0.1	3 7	13	/	/	-	-	-	14	43	S	E	ESE	SE	SSE
5	84	71	-	-	-	**10.4**	11 14	47	/	/	-	-	-	22	50	S	S	SSW	SSW	SW
6	85	67	-	-	-	-	-	-	/	/	-	-	-	14	32	WSW	WSW	WSW	WSW	S
7	74	**50**	-	-	-	1.9	4 7	17	/	/	-	-	-	25	68	WSW	SSE	WSW	WSW	SW
8	82	70	-	-	-	<0.1	0 8	1	/	/	-	-	-	18	54	S	W	SSW	SSW	SSW
9	80	68	-	-	-	2.1	4 9	17	/	/	-	-	-	18	43	SSW	S	SSW	SW	SW
10	76	68	-	-	-	0.5	1 17	5	/	/	-	-	-	25	61	SSW	SSW	SSW	SSW	SSW
11	78	63	-	-	-	7.0	10 4	42	/	/	-	-	-	22	47	S	SSW	S	S	S
12	77	64	-	-	-	1.0	2 18	10	/	/	-	-	-	22	58	SW	S	SW	W	SSW
13	79	67	-	-	-	0.3	1 30	6	/	/	-	-	-	18	43	S	S	S	S	SE
14	73	62	-	-	-	0.1	3 15	14	/	/	-	-	-	22	50	SSW	SSE	S	S	SSW
15	78	70	-	-	-	4.0	10 20	43	/	/	-	-	-	32	83	SSW	SSW	S	S	S
16	82	76	-	-	-	0.5	1 29	6	/	/	-	-	-	18	50	SSW	SSW	SSW	SSW	S
17	85	70	162	90	-	2.7	2 22	10	/	/	-	-	-	22	54	SW	SSW	SW	SSW	SSW
18	84	75	-	-	-	3.8	7 17	30	/	/	-	-	-	25	72	WSW	WSW	W	SW	SW
19	89	85	-	-	-	4.3	12 6	50	/	/	-	-	-	29	68	WSW	WSW	WSW	WSW	WSW
20	82	74	-	-	-	<0.1	1 14	59	/	/	-	-	-	29	58	WSW	WSW	WSW	WSW	WSW
21	80	70	-	-	-	2.5	4 34	19	/	/	-	-	-	29	61	WSW	WSW	WSW	SW	SW
22	**72**	53	-	-	-	0.7	2 8	9	/	/	-	-	-	14	50	WNW	W	NNW	NNW	-
23	77	73	-	-	-	0.1	2 27	10	/	/	-	-	-	18	36	SSW	SSW	SSW	SW	SSW
24	78	63	-	-	-	3.2	2 24	10	/	/	-	-	-	18	72	WNW	SW	SSW	WSW	W
25	76	69	-	-	-	-	-	-	/	/	-	-	-	18	47	WSW	SW	SW	SW	SW
26	83	70	-	-	-	-	-	-	/	/	-	-	-	18	47	WSW	WSW	SW	SW	WSW
27	84	77	-	-	-	-	-	-	/	/	-	-	-	18	43	W	WSW	W	W	W
28	78	69	-	-	-	-	-	-	/	/	-	-	-	11	18	WSW	SW	SSW	WSW	SW
29	76	72	-	-	-	-	-	-	/	/	-	-	-	11	22	SSW	SSW	SSW	SW	SSW
30	85	70	-	-	-	4.4	8 7	34	/	/	-	-	-	14	36	NNW	SSW	SSW	NW	WNW
31	79	67	-	-	-	3.3	6 51	29	/	/	-	-	-	29	76	SSW	SW	SSW	SSW	SW
M	80		162	90	-	54.3	125 4				1	-	-	20						

* = Sneeuw ▲ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. FEBRUARI 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	**998.4**	/	7	7	5	/ /	6.1	7.6	4.1	2.7	4.2	4.6	4.5	4.8	6.4	7.4
2	1013.9	/	4	5	3	/ /	4.0	6.3	1.3	1.2	3.2	3.7	3.6	4.1	6.1	7.3
3	1010.8	/	4	6	5	/ /	3.4	7.0	-1.8	-1.8	2.3	2.9	2.8	3.2	5.6	7.2
4	1002.8	/	7	7	1	/ /	6.6	9.3	2.2	1.3	3.1	3.4	3.4	3.6	5.5	7.0
5	1007.5	/	7	7	7	/ /	8.5	12.3	4.8	3.7	3.9	4.2	4.1	4.3	5.6	6.9
6	1020.2	/	6	7	7	/ /	8.3	11.2	1.7	1.6	4.4	4.9	4.8	5.3	5.8	6.9
7	1036.8	/	6	6	5	/ /	6.0	9.6	0.2	0.9	3.7	4.2	4.1	4.4	6.0	6.9
8	1035.7	/	2	2	2	/ /	4.7	12.1	-1.1	-0.7	3.2	3.8	3.6	4.1	5.9	6.9
9	1034.3	/	1	2	1	/ /	4.7	13.8	-1.7	-1.8	2.2	2.8	2.7	3.2	5.5	6.9
10	1035.2	/	1	2	2	/ /	4.1	11.9	-2.5	-1.8	1.9	2.5	2.4	2.8	5.2	6.7
11	1035.1	/	0	0	1	/ /	5.8	**14.4**	-1.6	-1.7	1.7	2.2	2.1	2.6	5.0	6.6
12	1035.5	/	1	0	1	/ /	5.4	13.6	-2.5	-1.7	1.7	2.3	2.2	2.6	4.9	6.5
13	1036.8	/	8	8	8	/ /	1.4	3.7	-2.0	-1.6	2.1	2.6	2.5	2.9	4.8	6.4
14	1037.8	/	8	8	8	/ /	1.2	4.2	-0.4	0.4	3.1	3.3	3.3	3.5	4.8	6.3
15	1038.6	/	7	4	0	/ /	3.6	6.3	-0.9	-2.2	2.1	2.8	2.7	3.2	4.8	6.2
16	**1043.5**	/	0	3	1	/ /	0.4	5.1	-3.3	-4.2	1.2	1.8	1.7	2.1	4.5	6.2
17	1040.6	/	1	3	1	/ /	0.8	9.6	**-6.4**	-4.4	0.7	1.2	1.1	1.5	4.1	6.1
18	1034.6	/	1	1	1	/ /	0.5	9.4	**-6.4**	**-4.7**	0.6	1.0	0.9	1.2	3.8	5.9
19	1026.5	/	7	3	2	/ /	**-0.2**	5.1	-5.7	-3.8	0.6	1.0	0.9	1.2	3.6	5.7
20	1019.8	/	3	2	2	/ /	3.9	10.5	-2.3	-2.3	0.8	1.1	1.1	1.3	3.4	5.5
21	1022.6	/	8	7	7	/ /	7.8	10.4	4.4	2.8	2.3	2.5	2.4	2.6	3.7	5.5
22	1023.5	/	7	7	7	/ /	10.1	10.9	9.0	7.4	5.2	5.0	5.0	4.9	4.2	5.5
23	1027.3	/	8	7	7	/ /	10.0	12.7	8.0	6.6	5.8	5.8	5.7	5.8	5.0	5.5
24	1019.9	/	8	8	7	/ /	**10.8**	13.5	8.7	7.8	6.9	6.8	6.8	6.8	5.7	5.7
25	1020.3	/	7	5	6	/ /	9.3	12.1	6.2	5.6	6.8	6.9	6.9	7.0	6.3	6.0
26	1008.8	/	6	7	5	/ /	**10.8**	12.4	7.1	5.7	6.8	7.2	7.1	7.4	6.7	6.2
27	1017.5	/	5	4	3	/ /	7.4	10.9	5.2	2.9	5.7	6.1	6.0	6.4	6.9	6.5
28	1020.5	/	7	8	8	/ /	6.5	11.1	0.5	1.2	4.6	5.1	5.0	5.4	6.7	6.7
29	1013.4	/	8	7	8	/ /	8.3	10.5	6.4	6.6	7.0	7.0	7.0	7.0	6.8	6.8
M	1024.8					/ /	5.5	9.9	1.1							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. FEBRUARI 2008

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG								WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)		DAG MET									
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	70	62	-	-	-	<0.1	0 57	4	/	/	-	-	-	22	54	WSW	SW	WSW	WSW	WSW
2	70	43	-	-	-	5.7	5 16	22	/	/	-	-	-	18	61	W	W	W	W	SSW
3	67	40	-	-	-	-	-	-	/	/	-	-	-	18	40	SE	SSW	SSE	SE	SSE
4	79	59	-	-	-	0.8	3 14	13	/	/	-	-	-	18	43	WSW	SE	SSE	SW	SSW
5	82	71	-	-	-	**9.0**	9 20	39	/	/	-	-	-	25	54	SW	SSW	S	SSW	SSW
6	78	69	-	-	-	0.7	3 36	15	/	/	-	-	-	22	58	WNW	SW	WSW	WNW	NNW
7	77	62	-	-	-	-	-	-	/	/	-	-	-	11	29	SW	SW	SSW	SSW	S
8	72	41	-	-	-	-	-	-	/	/	-	-	-	7	18	ESE	S	ESE	SE	ESE
9	64	32	-	-	-	-	-	-	/	/	-	-	-	7	14	SSE	ESE	ESE	SSE	ENE
10	73	42	-	-	-	-	-	-	/	/	-	-	-	7	22	E	E	E	SE	E
11	74	44	-	-	-	-	-	-	/	/	-	-	-	7	18	E	E	E	ESE	ENE
12	76	45	216	191	30	-	-	-	/	/	-	-	-	7	22	E	ENE	NE	VR	NE
13	**94**	86	986	841	513	<0.1	0 25	2	/	/	-	-	-	7	18	E	NE	ENE	E	ENE
14	93	84	515	379	131	<0.1	1 14	5	/	/	-	-	-	11	25	ENE	ENE	ENE	NE	ENE
15	66	44	-	-	-	-	-	-	/	/	-	-	-	18	36	ENE	ENE	ENE	E	ENE
16	57	35	-	-	-	-	-	-	/	/	-	-	-	14	36	E	ENE	ENE	E	E
17	**56**	**22**	-	-	-	-	-	-	/	/	-	-	-	4	11	S	ESE	SE	SSE	W
18	72	39	49	18	1	-	-	-	/	/	-	-	-	4	14	ENE	SSE	ENE	SSE	-
19	88	68	669	287	41	-	-	-	/	/	-	-	-	7	22	ESE	NE	E	E	E
20	80	52	408	62	7	-	-	-	/	/	-	-	-	7	25	W	ESE	SE	SW	WNW
21	85	73	-	-	-	<0.1	0 47	3	/	/	-	-	-	18	50	WSW	SSW	SW	WSW	SW
22	81	79	-	-	-	-	-	-	/	/	-	-	-	25	54	WSW	WSW	SW	WSW	SW
23	80	63	-	-	-	-	-	-	/	/	-	-	-	18	40	WSW	W	WSW	WSW	SW
24	74	61	-	-	-	1.7	3 1	13	/	/	-	-	-	11	36	W	WSW	SSW	SW	SSW
25	77	57	-	-	-	1.5	1 54	8	/	/	-	-	-	14	54	W	W	WNW	S	SSW
26	79	66	-	-	-	3.5	4 54	20	/	/	-	-	-	25	50	SW	SSW	SW	SW	WSW
27	72	58	-	-	-	-	-	-	/	/	-	-	-	14	40	W	WSW	WSW	W	WNW
28	86	63	-	-	-	1.0	5 47	24	/	/	-	-	-	7	22	S	WSW	SSE	SE	ESE
29	85	67	35	1	-	5.9	8 8	34	/	/	-	-	-	18	61	SW	NNE	W	WSW	SW
M	76		2878	1779	723	29.8	48 33				-	-	-	14						

* = Sneeuw ▲ = Hagel R = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MAART 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1004.4	/	4	6	5	/ /	9.6	11.9	5.7	5.4	7.0	7.2	7.1	7.3	7.0	6.9
2	1008.9	/	5	6	7	/ /	**11.2**	13.3	8.6	7.8	7.3	7.3	7.3	7.4	7.2	7.0
3	1010.9	/	7	4	5	/ /	6.7	8.7	2.2	2.8	6.3	6.7	6.7	6.9	7.6	7.1
4	1019.4	9	6	5	6	/ /	4.1	8.7	0.9	0.3	4.8	5.5	5.3	5.8	7.2	7.3
5	**1031.2**	9	4	5	1	/ /	3.9	7.2	0.6	-0.2	3.7	4.3	4.2	4.7	6.7	7.3
6	1023.6	8	8	8	8	/ /	7.1	9.0	4.3	4.0	5.0	5.2	5.2	5.4	6.5	7.2
7	1014.8	8	8	7	6	/ /	7.7	10.2	2.4	3.1	5.5	6.1	6.0	6.4	6.6	7.2
8	1009.8	9	6	7	7	/ /	7.0	10.5	2.7	2.3	4.7	5.1	5.0	5.4	6.7	7.2
9	1000.1	8	8	8	8	/ /	8.1	9.3	5.3	4.3	6.1	6.5	6.4	6.7	6.9	7.2
10	985.2	9	7	8	7	/ /	6.6	8.6	5.0	4.0	5.4	5.8	5.7	6.0	6.9	7.2
11	987.7	7	5	5	8	/ /	8.8	12.5	5.6	4.8	5.4	5.6	5.6	5.8	6.7	7.2
12	998.7	9	3	8	4	/ /	8.8	10.3	7.1	5.4	5.6	6.0	5.9	6.2	6.8	7.2
13	1012.6	9	5	7	8	/ /	8.3	11.2	5.9	4.7	5.2	5.6	5.5	5.8	6.8	7.3
14	1011.5	8	8	7	7	/ /	8.4	11.4	5.0	5.2	7.2	7.2	7.2	7.2	7.0	7.3
15	1007.8	8	7	7	7	/ /	10.2	**15.2**	5.9	6.1	7.3	7.4	7.4	7.5	7.4	7.3
16	1000.0	8	8	8	6	/ /	9.7	12.5	6.2	5.8	8.7	8.8	8.9	8.9	7.8	7.4
17	1014.3	8	7	7	7	/ /	5.6	7.6	2.7	3.2	6.7	7.2	7.1	7.5	8.3	7.6
18	1016.7	7	2	6	6	/ /	4.9	8.3	2.0	2.0	5.5	6.2	6.1	6.5	7.8	7.8
19	1018.0	8	4	3	4	/ /	5.0	8.3	2.6	2.1	5.7	6.1	6.0	6.4	7.6	7.8
20	1011.3	9	7	7	8	/ /	5.6	8.5	3.6	3.1	5.8	6.1	6.0	6.3	7.4	7.8
21	**984.2**	7	6	5	7	/ /	5.0	8.8	1.9	2.3	5.7	6.0	5.9	6.2	7.3	7.7
22	991.1	1	8	7	8	/ /	3.4	8.3	-0.5	-0.5	4.4	5.2	5.0	5.6	7.0	7.5
23	1000.1	9	1	6	8	/ /	**1.9**	5.9	**-2.5**	**-1.6**	3.0	3.9	3.7	4.2	6.6	7.4
24	996.3	8	7	6	5	/ /	2.1	5.4	0.3	0.6	4.5	4.9	4.8	5.1	6.5	7.3
25	1003.9	7	4	6	6	/ /	2.0	5.1	-0.1	0.5	4.0	4.5	4.3	4.7	6.3	7.2
26	1001.3	8	7	7	7	/ /	3.9	5.2	1.4	2.0	4.2	4.5	4.5	4.7	6.0	7.0
27	1000.0	8	9	8	8	/ /	5.3	8.9	2.9	3.6	5.1	5.2	5.2	5.3	6.0	6.9
28	1004.8	8	7	8	8	/ /	7.4	10.3	4.6	4.1	5.8	6.0	5.9	6.1	6.2	6.8
29	1012.5	6	4	5	6	/ /	9.5	13.3	6.5	4.9	5.7	6.0	5.9	6.1	6.6	6.8
30	1005.1	2	7	7	7	/ /	9.9	12.1	6.3	5.5	6.8	7.0	6.9	7.1	7.0	6.9
31	1015.8	8	7	4	5	/ /	10.3	14.9	4.3	4.8	7.7	7.7	7.7	7.8	7.3	7.0
M	1006.5					/ /	6.7	9.7	3.5							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MAART 2008

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG	DUUR		* (cm)		DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	69	55	-	-	-	6.4	4 15	18	/	/	-	-	-	36	86	WNW	SW	WNW	W	W
2	71	51	-	-	-	<0.1	0 35	2	/	/	-	-	-	29	65	W	WSW	WSW	WNW	W
3	66	**41**	-	-	-	0.2	2 33	11	/	/	X	-	-	22	54	WNW	WSW	W	WNW	W
4	76	47	-	-	-	1.2	3 35	15	/	/	X	-	-	14	47	NNW	ESE	NNW	N	N
5	67	47	-	-	-	<0.1	0 11	1	/	/	X	-	-	11	32	NNW	NNW	NNW	NNE	WSW
6	78	67	-	-	-	-	-	-	/	/	-	-	-	14	32	WSW	SW	SW	WSW	SW
7	79	56	-	-	-	1.6	2 45	11	/	/	-	-	-	14	40	SW	SW	SW	SW	SSW
8	74	56	-	-	-	-	-	-	/	/	-	-	-	18	47	SSW	SW	SSW	SSW	SSW
9	82	71	-	-	-	3.5	9 56	41	/	/	-	-	-	22	47	SSW	SSW	SSW	SSW	SW
10	76	64	-	-	-	9.3	6 12	26	/	/	-	-	-	29	68	S	SSW	S	S	S
11	79	52	-	-	-	4.1	5 21	22	/	/	-	-	-	25	61	WSW	SW	SW	WSW	SW
12	**61**	47	-	-	-	1.1	2 38	11	/	/	-	-	-	32	83	W	WSW	W	W	W
13	70	53	-	-	-	4.1	4 17	18	/	/	-	-	-	22	50	W	WSW	WSW	W	WSW
14	75	45	-	-	-	1.1	2 34	11	/	/	-	-	-	14	47	W	SSE	WNW	WNW	WNW
15	80	67	-	-	-	1.7	2 8	9	/	/	-	-	-	11	29	SE	SE	SE	SSE	ESE
16	86	76	-	-	-	**19.3**	9 10	38	/	/	-	-	-	14	40	SSW	ESE	S	SW	N
17	69	78	-	-	-	<0.1	1 25	6	/	/	-	-	-	14	40	NNW	N	N	NNW	NNW
18	70	47	-	-	-	0.3	2 6	9	/	/	-	-	-	14	50	NNW	NNW	W	NW	NNW
19	73	51	-	-	-	1.0	2 45	11	/	/	X	-	-	14	43	NNW	W	NNW	N	NNW
20	83	61	-	-	-	15.1	10 46	45	/	/	-	-	-	18	68	WNW	NW	WNW	WSW	WSW
21	80	59	-	-	-	6.0	6 26	27	/	/	X	-	-	25	72	WNW	W	W	WNW	WNW
22	80	59	-	-	-	2.1	8 44	36	/	/	X	-	-	18	47	NNE	W	W	NE	NNE
23	70	48	-	-	-	3.8	6 11	26	/	/	X	-	-	11	36	SSW	N	SW	WSW	SSE
24	83	59	-	-	-	2.3	7 18	30	/	/	X	-	-	14	54	WNW	ESE	W	WNW	NW
25	74	43	-	-	-	3.3	7 15	30	/	/	X	-	-	18	54	W	W	W	WNW	W
26	91	89	-	-	-	4.3	11 14	47	/	/	-	-	-	7	25	WSW	WSW	SSW	ENE	E
27	**92**	80	431	309	232	8.0	11 57	50	/	/	-	-	-	7	25	W	E	E	ENE	N
28	79	56	-	-	-	4.8	5 45	24	/	/	-	-	-	22	58	S	NNW	SSW	SSW	S
29	64	42	-	-	-	-	-	-	/	/	-	-	-	22	50	SW	WSW	SW	SW	S
30	71	52	-	-	-	3.0	6 39	28	/	/	-	-	-	14	43	S	SE	SSE	S	SSW
31	71	**41**	-	-	-	<0.1	0 14	1	/	/	-	-	-	11	29	S	SW	SSW	SW	SSW
M	75		431	309	232	107.6	144 55				9	-	-	18						

* = Sneeuw ▲ = Hagel R = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

F.2 Period April 2008 – September 2008

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. APRIL 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1020.6	9	5	8	5	/ /	8.9	13.3	1.6	3.0	6.8	7.3	7.2	7.6	7.8	7.2
2	1023.0	3	7	8	7	/ /	9.4	10.7	7.8	7.0	6.4	7.7	7.8	7.4	6.7	6.8
3	1027.9	8	8	7	3	/ /	7.9	9.9	5.4	4.7	7.3	7.6	7.5	7.7	7.9	7.5
4	1026.8	6	7	7	8	/ /	8.8	13.3	2.1	3.5	6.7	7.1	7.0	7.3	7.9	7.7
5	1011.3	6	6	7	7	/ /	8.2	10.5	4.9	4.7	6.8	7.5	7.4	7.7	8.3	7.8
6	1003.3	4	5	5	5	/ /	5.2	8.7	1.7	1.6	5.7	6.4	6.3	6.7	8.1	8.0
7	1003.2	9	7	7	7	/ /	**4.6**	8.6	0.4	1.0	5.2	6.0	5.8	6.3	7.9	8.0
8	1005.1	9	1	5	3	/ /	5.2	10.6	**-2.2**	**0.0**	5.2	6.0	5.8	6.3	7.9	8.0
9	1000.0	1	3	6	4	/ /	6.3	11.2	1.1	1.4	5.8	6.5	6.3	6.7	8.0	8.0
10	999.6	9	2	4	3	/ /	7.4	12.8	-1.0	0.7	5.5	6.2	6.0	6.5	8.0	8.0
11	1000.5	9	6	3	2	/ /	8.5	13.5	3.1	2.6	6.8	7.3	7.2	7.5	8.2	8.0
12	1007.5	9	1	5	5	/ /	9.3	13.6	5.3	4.5	7.3	7.8	7.7	8.0	8.5	8.1
13	1010.9	2	7	5	5	/ /	8.5	14.2	5.8	4.7	8.0	8.2	8.2	8.4	8.7	8.2
14	1014.3	8	8	7	5	/ /	8.2	11.3	5.3	4.4	8.1	8.6	8.5	8.8	8.9	8.3
15	1022.1	2	7	5	1	/ /	7.0	10.6	0.3	2.8	7.8	8.2	8.2	8.4	8.8	8.4
16	1021.3	9	0	4	2	/ /	5.2	10.9	-2.0	1.2	6.2	7.0	6.8	7.3	8.7	8.5
17	1009.5	9	1	4	5	/ /	6.0	11.3	0.7	1.1	6.2	6.9	6.7	7.2	8.6	8.5
18	999.6	9	5	8	4	/ /	8.7	13.4	4.4	3.4	7.2	7.7	7.5	7.9	8.7	8.5
19	999.1	7	7	7	8	/ /	9.2	13.3	5.8	5.5	8.0	8.3	8.3	8.5	8.8	8.6
20	1003.7	8	5	4	7	/ /	12.0	18.4	5.2	5.7	8.8	9.1	9.0	9.3	9.1	8.6
21	1002.8	9	5	5	7	/ /	13.3	18.4	8.7	7.7	10.1	10.2	10.2	10.3	9.7	8.7
22	1008.8	9	7	2	4	/ /	12.7	18.6	8.5	7.5	10.4	10.7	10.6	10.8	10.3	8.9
23	1017.2	9	1	6	8	/ /	11.9	17.8	6.1	6.6	10.6	11.0	10.9	11.2	10.8	9.1
24	1022.4	8	6	3	7	/ /	12.3	18.0	8.5	8.5	11.2	11.5	11.4	11.6	11.0	9.3
25	**1028.0**	9	7	6	6	/ /	11.6	16.1	7.4	8.8	11.1	11.5	11.3	11.6	11.2	9.6
26	1026.8	8	6	5	5	/ /	14.8	21.0	9.8	9.8	11.9	12.1	12.1	12.2	11.5	9.8
27	1016.8	9	5	6	5	/ /	**16.6**	**24.1**	8.1	8.9	12.3	12.7	12.6	12.8	12.0	10.0
28	1007.1	7	8	8	8	/ /	12.3	16.4	9.2	10.6	13.0	13.3	13.2	13.4	12.3	10.2
29	1001.7	8	4	7	6	/ /	10.6	13.2	8.3	9.7	12.3	12.5	12.5	12.7	12.2	10.4
30	**997.9**	6	6	7	7	/ /	11.6	15.4	8.7	8.2	11.5	12.0	11.8	12.2	12.0	10.6
M	1011.3					/ /	9.4	14.0	4.6							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. APRIL 2008

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG								WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)		DAG MET									
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	79	61	-	-	-	<0.1	3 1	13	/	/	-	-	-	18	54	WSW	SSW	S	WSW	WSW
2	73	66	-	-	-	-	-	-	/	/	-	-	-	18	43	NW	WSW	WNW	NW	WNW
3	76	66	-	-	-	-	-	-	/	/	-	-	-	18	36	NNW	NNW	NNW	NNW	NNW
4	84	65	17	16	-	1.9	2 40	11	/	/	-	-	-	7	25	W	NNW	SW	SSW	N
5	**87**	68	-	-	-	5.2	3 30	15	/	/	-	-	-	18	47	NW	W	WSW	WNW	N
6	68	45	-	-	-	0.3	1 6	5	/	/	-	-	-	11	32	ENE	NNW	N	NNW	NNE
7	66	46	-	-	-	0.1	0 24	2	/	/	-	-	-	11	40	SW	NNE	NNW	W	W
8	65	32	-	-	-	-	-	-	/	/	-	-	-	7	22	SE	SSW	ESE	SSE	ESE
9	65	39	-	-	-	-	-	-	/	/	-	-	-	7	29	NE	NNE	-	ENE	NE
10	61	35	-	-	-	-	-	-	/	/	-	-	-	4	18	S	NNE	SW	-	ESE
11	61	36	-	-	-	-	-	-	/	/	-	-	-	11	43	WSW	E	-	WNW	WSW
12	66	47	-	-	-	0.1	0 29	2	/	/	-	-	-	18	47	SW	SSW	SSW	SW	SW
13	78	45	-	-	-	1.3	4 10	17	/	/	-	-	-	7	29	NW	S	SSW	SW	N
14	77	62	-	-	-	0.5	2 31	10	/	/	-	-	-	11	36	NNW	ENE	NNW	N	NW
15	73	46	-	-	-	3.1	4 23	18	/	/	-	-	-	11	40	NW	WSW	NNW	NW	NNW
16	67	39	-	-	-	-	-	-	/	/	-	-	-	7	25	E	-	NE	ENE	NE
17	64	40	-	-	-	-	-	-	/	/	-	-	-	14	40	ENE	NE	ENE	E	ENE
18	66	45	-	-	-	-	-	-	/	/	-	-	-	22	43	E	E	ENE	ESE	ENE
19	83	64	-	-	-	0.2	4 6	17	/	/	-	-	-	14	32	E	ENE	E	E	ESE
20	79	52	-	-	-	1.8	0 43	3	/	/	-	-	-	14	47	SE	E	E	E	ENE
21	66	47	-	-	-	-	-	-	/	/	-	-	-	18	40	ENE	E	ENE	ENE	ENE
22	67	52	-	-	-	-	-	-	/	/	-	-	-	11	32	ENE	ENE	NE	E	E
23	85	61	13	-	-	4.8	4 2	17	/	/	-	-	-	7	40	WNW	ENE	ESE	S	WNW
24	78	40	-	-	-	0.8	1 0	4	/	/	-	-	-	14	54	W	W	SSW	SW	SW
25	79	55	-	-	-	-	-	-	/	/	-	-	-	11	32	WSW	WSW	WSW	W	NNW
26	63	40	-	-	-	<0.1	0 22	2	/	/	-	-	-	7	25	SSW	SSW	SSW	VR	ESE
27	**58**	**30**	-	-	-	-	-	-	/	/	-	-	-	11	36	SSE	SE	ESE	SSE	SE
28	83	62	-	-	-	**14.2**	9 32	40	/	/	-	-	-	11	36	WSW	SSW	W	W	ESE
29	85	59	-	-	-	6.7	8 13	34	/	/	-	-	-	14	36	SSE	S	S	S	SSE
30	73	51	-	-	-	1.0	2 8	9	/	/	-	-	-	22	58	SSW	SSE	SE	SSE	S
M	73		30	16	-	42.0	52 20				-	-	-	12						

* = Sneeuw ▲ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MEI 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1010.5	9	2	5	5	/ /	**10.5**	14.9	7.7	7.5	10.5	11.0	10.9	11.3	11.7	10.7
2	1022.0	8	4	6	1	/ /	11.2	16.6	4.4	6.6	10.7	11.2	11.1	11.5	11.7	10.8
3	**1025.6**	9	2	3	2	/ /	13.2	20.0	**3.1**	**6.4**	10.8	11.4	11.2	11.7	11.9	10.8
4	1023.7	9	2	3	4	/ /	15.7	21.5	7.8	7.8	12.2	12.6	12.5	12.8	12.4	10.8
5	1025.3	9	3	1	1	/ /	16.4	22.6	7.7	8.0	12.6	13.1	12.9	13.3	12.9	11.0
6	1024.4	9	0	1	1	/ /	18.4	21.8	10.5	9.6	13.2	13.7	13.6	13.9	13.3	11.2
7	1020.7	9	0	2	1	/ /	18.9	25.5	11.5	10.5	14.2	14.6	14.4	14.7	13.7	11.4
8	1017.0	9	0	0	1	/ /	18.8	25.9	9.0	10.2	14.3	14.8	14.7	15.0	14.2	11.7
9	1014.7	9	1	1	1	/ /	19.6	27.1	10.2	9.1	14.5	15.0	14.8	15.2	14.6	11.9
10	1016.8	9	2	3	1	/ /	**20.4**	**27.5**	10.9	10.2	15.1	15.5	15.4	15.6	14.9	12.2
11	1018.4	9	0	0	1	/ /	20.1	25.9	12.4	10.4	15.3	15.7	15.7	15.9	15.2	12.5
12	1017.2	9	0	2	1	/ /	20.1	26.3	12.0	10.6	15.3	15.8	15.7	16.0	15.5	12.8
13	1015.6	5	1	2	3	/ /	**20.4**	26.6	13.0	11.7	15.9	16.3	16.2	16.5	15.8	13.1
14	1012.7	7	7	1	7	/ /	19.2	26.6	13.7	14.2	17.0	17.1	17.2	17.3	16.2	13.3
15	1008.9	8	4	7	8	/ /	16.8	20.4	11.9	13.1	16.6	17.0	16.9	17.2	16.4	13.6
16	1007.3	8	8	6	6	/ /	15.6	19.1	13.7	15.1	17.0	17.1	17.1	17.2	16.3	13.8
17	**1006.9**	9	8	8	7	/ /	12.3	14.1	9.6	11.0	15.4	15.9	15.7	16.1	16.1	14.0
18	1012.2	8	6	6	6	/ /	11.8	16.1	8.0	8.7	14.7	15.2	15.1	15.4	15.7	14.2
19	1016.1	6	2	5	5	/ /	10.9	15.8	6.2	7.8	13.4	14.0	13.9	14.3	15.3	14.1
20	1017.9	9	0	2	2	/ /	11.8	17.1	5.7	6.5	12.9	13.4	13.3	13.7	15.0	14.0
21	1017.1	9	0	5	3	/ /	13.9	19.3	7.7	7.8	13.8	14.3	14.2	14.5	15.2	14.0
22	1015.8	8	7	7	7	/ /	16.0	19.7	11.5	11.2	15.4	15.7	15.6	15.8	15.6	14.0
23	1013.7	8	7	6	7	/ /	17.2	21.3	13.6	12.2	16.1	16.3	16.3	16.4	15.8	14.0
24	1010.2	9	7	7	7	/ /	17.2	22.0	11.0	10.6	15.4	15.8	15.8	16.0	15.9	14.2
25	1011.3	8	8	7	4	/ /	17.2	22.6	14.2	14.5	16.4	16.6	16.5	16.7	16.1	14.3
26	1010.2	8	8	8	7	/ /	16.1	19.8	13.7	14.0	16.9	17.1	17.0	17.2	16.4	14.4
27	1010.3	8	7	8	7	/ /	17.8	21.1	13.8	14.0	16.7	16.8	16.8	17.0	16.4	14.5
28	1009.3	3	8	7	3	/ /	19.6	23.9	13.5	14.7	17.2	17.3	17.3	17.4	16.5	14.6
29	1011.8	2	8	8	8	/ /	17.5	20.9	14.1	15.0	17.1	17.3	17.2	17.4	16.7	14.8
30	1012.3	6	8	8	7	/ /	15.3	16.9	13.6	14.5	17.4	17.6	17.6	17.6	16.7	14.9
31	1015.6	4	6	3	5	/ /	16.0	20.1	12.0	13.5	16.8	17.0	16.9	17.1	16.6	15.0
M	1015.2					/ /	16.3	21.3	10.6							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. MEI 2008

	REL.VOCHT.		MIST			NEERSLAG					DAG MET			WIND						
	%		DUUR IN MINUTEN				DUUR		* (cm)					SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	75	54	-	-	-	0.9	0 43	3	/	/	-	-	-	14	36	SSW	S	S	SSW	S
2	80	53	27	16	11	0.1	1 17	5	/	/	-	-	-	7	36	WNW	SSW	S	SW	NE
3	68	41	289	203	108	-	-	-	/	/	-	-	-	7	29	E	SE	E	ESE	E
4	57	33	-	-	-	-	-	-	/	/	-	-	-	11	29	E	E	E	ESE	ENE
5	50	27	-	-	-	-	-	-	/	/	-	-	-	14	36	E	ENE	ESE	ESE	E
6	56	35	-	-	-	-	-	-	/	/	-	-	-	14	40	E	ENE	E	E	E
7	54	32	-	-	-	-	-	-	/	/	-	-	-	11	29	E	E	ESE	SE	E
8	52	26	-	-	-	-	-	-	/	/	-	-	-	14	40	SE	ESE	E	ESE	E
9	48	**21**	-	-	-	-	-	-	/	/	-	-	-	11	36	SE	ESE	ESE	ESE	ESE
10	48	**21**	-	-	-	-	-	-	/	/	-	-	-	11	36	ESE	SSE	E	ESE	E
11	**44**	24	-	-	-	-	-	-	/	/	-	-	-	11	32	ESE	ENE	E	E	ENE
12	**44**	24	-	-	-	-	-	-	/	/	-	-	-	11	36	ENE	NE	ENE	E	ENE
13	47	23	-	-	-	-	-	-	/	/	-	-	-	14	32	NE	NE	ENE	ENE	NNE
14	64	31	-	-	-	3.5	5 14	22	/	/	-	-	X	11	47	N	NE	E	NNE	NW
15	80	60	-	-	-	6.2	6 14	26	/	/	-	-	-	4	32	SSE	S	E	NNW	E
16	85	62	-	-	-	3.3	5 18	22	/	/	-	-	-	11	32	W	W	W	W	NNW
17	**94**	88	-	-	-	**12.4**	11 33	48	/	/	-	-	-	11	29	NE	NNE	NNE	NNE	NE
18	67	45	-	-	-	-	-	-	/	/	-	-	-	14	40	NE	NNE	NE	NE	NNE
19	61	41	-	-	-	-	-	-	/	/	-	-	-	14	32	NNE	NNE	NNE	NNE	NNE
20	57	39	-	-	-	-	-	-	/	/	-	-	-	14	32	NE	NE	NE	ENE	NE
21	58	35	-	-	-	-	-	-	/	/	-	-	-	11	32	E	NE	ENE	VR	E
22	56	38	-	-	-	<0.1	0 24	2	/	/	-	-	-	11	32	ESE	E	E	SE	SSE
23	61	43	-	-	-	<0.1	0 12	1	/	/	-	-	-	7	22	E	SE	E	SSE	NE
24	66	47	-	-	-	0.2	2 37	11	/	/	-	-	-	18	43	E	ENE	E	E	E
25	92	67	-	-	-	8.9	6 39	28	/	/	-	-	-	11	29	NE	E	E	SE	NE
26	**94**	85	-	-	-	0.7	6 34	27	/	/	-	-	-	18	36	ENE	NE	ENE	ENE	ENE
27	89	77	-	-	-	0.4	1 54	8	/	/	-	-	-	11	32	ENE	E	ESE	ESE	NE
28	69	42	-	-	-	0.1	1 16	5	/	/	-	-	-	14	47	S	ENE	ESE	S	S
29	86	75	-	-	-	4.6	5 56	25	/	/	-	-	-	7	29	NNE	-	NNE	N	S
30	87	78	-	-	-	1.7	4 21	18	/	/	-	-	-	11	32	W	WSW	W	WNW	W
31	79	58	-	-	-	0.2	1 10	5	/	/	-	-	-	14	40	NW	W	WNW	NW	NNE
M	67		316	219	119	43.2	61 22				-	-	1	12						

* = Sneeuw ▲ = Hagel R = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JUNI 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1014.9	7	8	7	6	/ /	16.6	22.1	12.4	13.9	17.5	17.7	17.6	17.8	17.0	15.0
2	1011.4	8	7	4	7	/ /	20.4	**28.1**	15.5	16.3	18.2	18.4	18.3	18.4	17.2	15.1
3	1011.7	8	8	7	3	/ /	18.7	22.1	16.2	17.4	19.1	19.2	19.2	19.2	17.7	15.2
4	1016.5	9	8	8	8	/ /	16.3	18.9	14.4	14.9	18.4	18.6	18.6	18.8	17.8	15.4
5	1016.3	8	8	8	8	/ /	14.3	15.1	13.6	14.0	17.0	17.1	17.2	17.3	17.3	15.6
6	1014.2	8	8	8	8	/ /	14.3	17.0	13.3	13.9	16.7	16.8	16.8	17.0	16.9	15.7
7	1016.4	8	8	8	8	/ /	13.8	14.8	13.2	13.9	16.3	16.4	16.4	16.6	16.5	15.6
8	1021.4	8	8	3	2	/ /	17.3	22.0	13.8	14.2	16.1	16.2	16.2	16.3	16.4	15.5
9	**1022.8**	9	1	3	1	/ /	**21.4**	27.7	14.9	15.0	17.4	17.6	17.6	17.8	16.9	15.5
10	1022.1	9	0	1	2	/ /	19.1	24.3	13.8	13.9	18.2	18.5	18.4	18.6	17.7	15.5
11	1021.0	9	7	4	4	/ /	15.5	18.7	13.4	13.6	18.5	18.7	18.7	18.9	18.1	15.7
12	1014.9	8	8	8	7	/ /	**11.9**	14.1	11.0	11.1	15.8	16.2	16.2	16.5	17.5	15.9
13	1016.5	8	6	7	5	/ /	12.7	16.4	10.0	11.1	15.5	15.8	15.8	16.0	16.9	16.0
14	1015.2	5	8	8	7	/ /	12.2	15.5	8.7	11.3	15.4	15.8	15.7	16.1	16.6	15.9
15	**1011.0**	8	7	7	6	/ /	12.4	16.4	9.7	10.6	14.7	15.0	15.0	15.3	16.3	15.7
16	1011.7	9	0	5	1	/ /	12.8	18.1	**5.4**	**9.2**	14.0	14.6	14.5	14.9	16.1	15.6
17	1013.7	9	1	2	6	/ /	15.0	21.2	6.6	9.5	14.3	14.8	14.7	15.1	16.0	15.5
18	1014.9	2	4	4	6	/ /	17.2	20.9	12.8	12.2	16.1	16.5	16.4	16.7	16.5	15.5
19	1012.3	8	7	8	2	/ /	16.6	21.2	12.9	12.5	16.6	17.1	17.0	17.4	16.8	15.5
20	1019.0	9	7	6	8	/ /	15.6	20.1	11.1	11.5	15.8	16.2	16.2	16.4	16.7	15.6
21	1019.4	8	7	6	7	/ /	18.1	23.4	13.4	14.2	17.1	17.3	17.2	17.4	16.9	15.6
22	1013.2	3	6	4	6	/ /	20.8	27.5	13.8	13.3	18.2	18.4	18.3	18.4	17.3	15.7
23	1019.6	9	0	4	1	/ /	16.0	20.6	12.1	12.3	17.7	18.1	18.0	18.3	17.8	15.8
24	1018.2	8	2	1	5	/ /	17.8	24.1	10.0	12.3	17.7	18.1	18.0	18.4	18.1	16.0
25	1015.7	7	8	7	3	/ /	18.6	23.2	14.4	14.0	18.8	19.2	19.1	19.3	18.4	16.2
26	1020.1	9	1	5	5	/ /	17.6	22.8	12.6	13.2	17.8	18.2	18.2	18.4	18.4	16.4
27	1018.3	8	6	4	6	/ /	17.5	22.3	13.2	13.3	17.9	18.3	18.1	18.5	18.4	16.5
28	1018.7	8	6	4	1	/ /	18.7	23.4	15.1	14.7	18.2	18.6	18.6	18.8	18.4	16.7
29	1018.6	9	6	5	3	/ /	17.5	21.7	13.6	13.8	17.6	18.0	17.9	18.2	18.3	16.8
30	1021.0	9	7	3	1	/ /	17.7	22.7	11.9	13.5	17.7	18.1	18.0	18.3	18.4	16.8
M	1016.7					/ /	16.5	20.9	12.4							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

13

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JUNI 2008

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	1/m2	DUUR h min	%	* (cm) 6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	83	61	-	-	-	0.7	2 53	12	/	/	-	-	-	7	25	SSW	N	NNW	S	N
2	83	52	89	-	-	**22.7**	4 10	17	/	/	-	-	X	11	61	S	NNW	N	NNE	W
3	85	65	-	-	-	6.2	3 46	16	/	/	-	-	-	11	36	SW	SW	SSW	WSW	NW
4	89	77	-	-	-	4.0	4 2	17	/	/	-	-	-	7	25	NW	SSW	NNW	WNW	NW
5	93	87	-	-	-	13.8	10 47	45	/	/	-	-	-	11	22	NNW	N	NNW	NW	NW
6	94	81	-	-	-	6.0	10 9	42	/	/	-	-	-	14	32	WNW	NNW	NNW	WNW	NW
7	**97**	91	-	-	-	0.3	5 5	21	/	/	-	-	-	11	22	WSW	W	WSW	SW	W
8	85	72	-	-	-	-	-	-	/	/	-	-	-	7	29	NW	S	N	NW	NW
9	62	**31**	-	-	-	-	-	-	/	/	-	-	-	7	29	N	NNW	NNE	E	N
10	63	46	-	-	-	-	-	-	/	/	-	-	-	14	40	NNW	N	NW	WNW	NNW
11	66	44	-	-	-	-	-	-	/	/	-	-	-	18	47	NW	NNW	NW	NNW	NNW
12	87	67	-	-	-	16.3	11 56	50	/	/	-	-	-	11	36	NNW	W	E	N	NNW
13	73	48	-	-	-	2.4	4 56	21	/	/	-	-	-	11	36	WNW	NNW	SSW	WNW	W
14	85	70	-	-	-	3.3	3 43	15	/	/	-	-	X	11	36	SSW	SW	WSW	SSW	SSW
15	83	55	-	-	-	3.3	4 26	18	/	/	-	-	X	11	47	W	SSW	S	W	W
16	68	45	-	-	-	-	-	-	/	/	-	-	-	7	29	NNW	NW	SE	NNE	N
17	62	35	-	-	-	-	-	-	/	/	-	-	-	4	18	WNW	NNE	E	-	N
18	**58**	43	-	-	-	-	-	-	/	/	-	-	-	11	36	SW	SSW	SW	SW	SW
19	69	42	-	-	-	1.1	3 25	14	/	/	-	-	-	18	50	W	S	SSW	SW	W
20	67	42	-	-	-	<0.1	3 34	15	/	/	-	-	-	14	36	WSW	SW	SW	WSW	WSW
21	74	56	-	-	-	<0.1	0 59	4	/	/	-	-	-	7	22	SW	SW	SW	SSE	E
22	67	45	-	-	-	-	-	-	/	/	-	-	-	18	61	W	S	SSE	WSW	W
23	65	47	-	-	-	-	-	-	/	/	-	-	-	14	36	W	WSW	WSW	W	NNW
24	64	44	-	-	-	-	-	-	/	/	-	-	-	11	25	E	NE	ENE	ESE	ENE
25	65	43	-	-	-	0.1	1 26	6	/	/	-	-	-	14	47	W	E	ESE	W	WSW
26	63	45	-	-	-	-	-	-	/	/	-	-	-	14	36	SW	WSW	SW	SW	W
27	74	42	-	-	-	2.3	3 25	14	/	/	-	-	-	22	47	W	SW	WSW	W	WSW
28	78	47	-	-	-	0.2	2 3	9	/	/	-	-	-	22	47	WSW	WSW	WSW	W	WSW
29	72	53	-	-	-	-	-	-	/	/	-	-	-	18	43	W	SW	SW	W	WSW
30	76	56	-	-	-	-	-	-	/	/	-	-	-	11	29	SSW	WSW	SW	SW	N
M	75		89	-	-	82.7	80 45				-	-	3	12						

* = Sneeuw ▲ = Hagel ℞ = Onweer <0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. JULI 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1016.0	9	1	0	0	/ /	20.1	27.6	**9.6**	11.9	17.4	18.0	17.9	18.3	18.6	16.9
2	1009.4	9	3	6	7	/ /	21.1	26.0	14.8	14.9	19.1	19.5	19.4	19.7	19.1	17.0
3	1011.3	8	8	8	8	/ /	17.1	19.6	13.4	14.2	18.6	19.2	19.0	19.5	19.3	17.1
4	1016.6	9	1	5	2	/ /	17.0	21.7	12.4	13.0	17.6	18.1	18.0	18.4	19.0	17.3
5	1013.9	9	4	7	6	/ /	17.5	23.3	11.2	13.0	18.0	18.5	18.3	18.8	19.0	17.4
6	1007.7	9	7	7	7	/ /	18.4	22.1	15.2	15.5	18.3	18.6	18.5	18.8	18.8	17.4
7	**1003.4**	7	7	5	5	/ /	16.2	18.6	14.8	15.1	18.2	18.5	18.4	18.7	18.8	17.4
8	1009.4	8	6	4	6	/ /	16.2	19.0	14.3	14.0	17.5	17.9	17.8	18.1	18.4	17.4
9	1014.6	9	7	8	8	/ /	15.4	17.5	13.6	14.0	17.3	17.6	17.6	17.8	18.2	17.3
10	1010.3	8	8	8	7	/ /	17.5	20.8	15.2	15.6	17.9	18.0	17.9	18.2	18.1	17.2
11	1007.7	8	6	5	6	/ /	17.2	21.0	13.9	14.6	17.4	17.7	17.6	17.9	18.0	17.2
12	1009.2	8	6	7	6	/ /	15.5	18.5	11.3	13.0	17.1	17.7	17.6	18.0	18.1	17.1
13	1015.0	9	4	5	2	/ /	15.4	20.0	10.5	**11.5**	16.3	16.8	16.6	17.0	17.8	17.1
14	1023.3	9	1	7	5	/ /	17.3	22.5	**9.6**	12.1	16.3	16.8	16.7	17.1	17.8	17.0
15	1026.0	9	4	8	7	/ /	17.2	19.8	13.3	13.2	17.4	17.8	17.7	18.0	18.1	17.0
16	1020.6	9	8	5	7	/ /	17.5	21.1	14.7	14.9	18.1	18.2	18.1	18.3	18.0	17.0
17	1015.0	8	7	7	8	/ /	15.4	18.6	13.2	14.1	17.9	18.2	18.1	18.3	18.1	17.0
18	1011.9	8	7	7	7	/ /	16.3	19.4	13.3	14.2	17.5	17.7	17.6	17.8	17.9	17.1
19	1009.0	8	6	5	4	/ /	17.1	20.6	14.8	14.3	17.8	18.0	17.9	18.1	17.8	17.0
20	1015.1	8	5	5	1	/ /	14.8	18.5	11.3	12.1	17.1	17.5	17.3	17.6	17.8	17.0
21	1020.1	7	3	7	7	/ /	**12.8**	14.4	11.8	11.8	16.4	16.7	16.6	16.9	17.5	17.0
22	1024.9	8	6	6	6	/ /	16.5	21.4	11.8	11.7	15.8	16.1	16.0	16.3	17.2	16.8
23	1025.2	8	7	8	5	/ /	18.3	22.1	14.3	14.5	18.0	18.2	18.1	18.3	17.5	16.8
24	1019.0	9	0	1	1	/ /	20.4	26.5	13.0	13.1	17.1	17.5	17.3	17.6	17.7	16.8
25	1012.9	9	1	1	5	/ /	21.8	28.8	14.6	14.5	18.1	18.5	18.3	18.6	18.2	16.8
26	/	8	7	7	5	/ /	21.3	25.9	17.2	17.3	19.7	19.9	19.8	19.9	18.7	16.9
27	/	/	1	4	5	/ /	**24.8**	27.8	18.6	19.1	22.1	22.3	22.1	22.0	19.1	17.2
28	1015.0	8	8	4	2	/ /	22.1	27.0	18.5	19.3	21.1	21.2	21.1	21.2	19.7	17.3
29	1015.7	9	5	4	3	/ /	21.8	26.2	18.4	18.8	21.5	21.7	21.5	21.7	20.1	17.6
30	1018.5	3	5	6	3	/ /	22.5	27.9	15.9	17.4	20.7	21.0	20.9	21.2	20.3	17.8
31	1014.1	9	4	5	6	/ /	24.2	**30.4**	17.9	18.4	21.1	21.4	21.2	21.5	20.5	18.1
M	1014.9/					/ /	18.3	22.4	13.9							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28'18''E 51°11'31''N 10 m Periode 00-24 h W.T. JULI 2008

	REL.VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)											
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	R	GEM.	MAX.		0h	6h	12h	18h
1	65	34	-	-	-	<0.1	2 49	12	/	/	-	-	-	7	25	ESE	-	SE	SE	ESE
2	78	55	-	-	-	19.4	5 29	23	/	/	-	-	X	7	50	S	E	SSW	VR	ENE
3	85	64	-	-	-	9.0	(1)	-	/	/	-	-	-	11	36	SW	S	W	WSW	W
4	71	47	-	-	-	<0.1	3 4	13	/	/	-	-	-	11	32	W	SSW	WSW	WNW	NE
5	80	51	-	-	-	0.3	0 7	0	/	/	-	-	-	11	36	SW	E	ESE	S	S
6	66	46	-	-	-	<0.1	1 21	6	/	/	-	-	-	18	43	SSW	SSE	SSW	SSW	SSW
7	75	55	-	-	-	4.8	0 45	3	/	/	-	-	-	22	58	SSW	SSW	SSW	SW	SSW
8	70	44	-	-	-	0.6	10 59	46	/	/	-	-	-	22	58	SW	SW	SW	W	W
9	86	66	-	-	-	7.9	11 53	50	/	/	-	-	-	14	32	WSW	SW	SW	WSW	S
10	89	77	-	-	-	13.6	0 49	3	/	/	-	-	-	11	36	SSW	S	SW	SSW	W
11	80	55	-	-	-	1.4	0 54	4	/	/	-	-	-	14	43	SW	SSW	SW	SW	SW
12	70	49	-	-	-	0.3	(1)	-	/	/	-	-	-	14	40	WSW	SSW	WSW	W	W
13	70	47	-	-	-	-	-	-	/	/	-	-	-	11	29	WNW	W	WSW	WNW	NNW
14	67	47	-	-	-	-	-	-	/	/	-	-	-	11	29	W	-	SW	W	WNW
15	80	68	-	-	-	<0.1	3 46	16	/	/	-	-	-	14	32	SW	WSW	WSW	WSW	SW
16	74	50	-	-	-	1.4	8 48	37	/	/	-	-	-	14	40	WNW	SW	SW	NW	WNW
17	78	54	-	-	-	1.4	1 37	7	/	/	-	-	-	11	29	W	WSW	SW	WSW	WSW
18	81	61	-	-	-	0.4	6 21	26	/	/	-	-	-	14	36	WSW	SW	WSW	SW	SW
19	83	63	-	-	-	5.5	3 37	15	/	/	-	-	-	18	54	W	SW	SW	WSW	W
20	78	49	-	-	-	7.3	12 23	52	/	/	-	-	-	14	47	WNW	SW	WSW	WNW	NW
21	88	77	-	-	-	10.1	0 1	0	/	/	-	-	-	18	50	W	WSW	W	W	WNW
22	74	56	-	-	-	-	-	-	/	/	-	-	-	14	32	NW	W	W	NW	NW
23	77	57	-	-	-	-	-	-	/	/	-	-	-	7	22	E	-	SSE	E	E
24	65	40	-	-	-	-	-	-	/	/	-	-	-	11	43	E	E	E	E	E
25	65	46	-	-	-	-	-	-	/	/	-	-	-	14	40	NW	ENE	ESE	ESE	E
26	/	50	-	-	-	/	-	-	/	/	-	-	-	/	29	WNW	NW	W	WNW	N
27	/	53	-	-	-	/	2 14	9	/	/	-	-	-	/	47	E	/	W	VR	N
28	84	62	-	-	-	9.0	4 46	20	/	/	-	-	-	7	25	ESE	-	N	ENE	E
29	73	45	-	-	-	-	-	-	/	/	-	-	-	11	29	WSW	ESE	WSW	WSW	W
30	69	41	28	24	20	-	-	-	/	/	-	-	-	4	18	E	ENE	SE	ESE	E
31	73	49	-	-	-	3.3	2 8	9	/	/	-	-	-	11	50	W	ENE	ESE	ESE	E
M	76/		28	24	20	95.7	83 51				-	-	1	13						

* = Sneeuw ▲ = Hagel R = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. AUGUSTUS 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1014.9	8	7	5	5	/ /	20.6	23.4	16.5	17.7	21.6	22.1	21.9	22.3	20.9	18.3
2	1015.5	4	4	7	7	/ /	19.4	22.8	15.1	16.7	20.8	21.2	21.0	21.3	20.7	18.5
3	1012.5	9	7	8	8	/ /	18.7	22.1	15.2	15.8	20.2	20.5	20.4	20.6	20.4	18.6
4	1010.7	6	3	4	5	/ /	18.4	22.3	15.6	16.2	20.0	20.2	20.1	20.4	20.2	18.7
5	1016.0	8	7	5	7	/ /	18.9	23.3	15.5	16.3	20.1	20.3	20.2	20.4	20.1	18.7
6	1013.0	8	3	3	5	/ /	**22.9**	**28.5**	17.8	17.3	20.2	20.4	20.3	20.6	20.1	18.7
7	1006.2	9	7	8	8	/ /	19.2	24.0	15.1	17.3	20.8	21.1	21.0	21.3	20.5	18.7
8	1009.0	8	8	7	6	/ /	17.1	20.4	14.9	15.5	19.7	20.2	20.0	20.4	20.3	18.8
9	1014.6	1	1	4	7	/ /	17.5	23.2	9.9	13.4	18.2	18.8	18.7	19.1	19.8	18.8
10	1007.1	8	8	8	5	/ /	18.7	22.8	15.2	15.0	19.2	19.6	19.5	19.8	19.7	18.7
11	1005.2	9	4	5	7	/ /	16.8	20.0	13.8	14.0	18.4	18.7	18.6	18.9	19.4	18.6
12	**996.2**	8	7	4	3	/ /	17.4	22.5	13.4	14.1	18.3	18.6	18.5	18.8	19.1	18.5
13	1005.1	9	7	5	4	/ /	16.5	19.8	12.8	13.8	18.0	18.4	18.3	18.6	18.9	18.4
14	1014.3	9	1	7	6	/ /	15.6	20.8	11.7	12.7	17.2	17.6	17.5	17.8	18.6	18.3
15	1015.6	9	3	4	1	/ /	15.7	21.0	9.0	12.2	16.7	17.3	17.1	17.6	18.5	18.2
16	1012.4	9	4	5	8	/ /	16.0	22.4	**8.6**	**11.6**	16.7	17.2	17.0	17.5	18.4	18.1
17	1009.1	7	7	5	7	/ /	16.7	23.9	12.8	14.3	17.9	18.1	18.0	18.2	18.4	18.0
18	1008.6	7	8	8	3	/ /	17.5	22.2	13.7	15.1	15.6	18.0	19.5	18.2	18.3	17.5
19	1007.7	1	6	8	1	/ /	18.4	21.6	15.7	15.6	18.1	18.2	18.1	18.4	18.4	17.9
20	1012.7	8	7	5	6	/ /	17.4	20.7	15.3	15.6	18.2	18.4	18.3	18.5	18.4	17.8
21	1016.1	8	6	7	5	/ /	17.6	21.8	15.0	14.7	17.7	18.0	17.9	18.1	18.3	17.8
22	1013.8	7	7	8	6	/ /	15.7	19.1	12.0	13.4	17.3	17.7	17.6	18.0	18.2	17.7
23	1013.5	9	4	5	5	/ /	**14.9**	19.4	11.4	13.4	16.8	17.1	17.0	17.3	18.0	17.7
24	1013.4	9	7	7	8	/ /	15.4	20.5	9.1	12.3	15.8	17.0	18.3	17.8	18.2	17.3
25	1016.1	3	7	6	7	/ /	15.4	20.5	9.1	12.3	17.2	17.4	17.3	17.6	17.7	17.5
26	1022.1	8	8	7	7	/ /	18.0	22.1	14.2	15.0	18.4	18.4	18.3	18.4	18.0	17.5
27	**1022.4**	8	8	8	8	/ /	17.1	18.6	15.6	16.0	17.7	17.9	17.8	18.0	18.0	17.5
28	1021.0	8	8	8	8	/ /	17.7	19.7	16.1	16.0	17.5	17.6	17.6	17.7	17.9	17.5
29	1020.8	8	8	8	2	/ /	17.6	21.4	14.5	14.4	17.4	17.7	17.7	17.9	18.0	17.5
30	1017.9	9	0	0	0	/ /	19.0	25.6	10.9	12.7	16.4	16.9	16.7	17.1	17.9	17.5
31	1012.1	9	4	7	7	/ /	20.7	27.4	13.9	14.1	17.3	17.7	17.6	17.9	18.2	17.5
M	1012.8					/ /	17.7	22.1	13.5							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. AUGUSTUS 2008

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG			* (cm)		DAG MET			WIND SNELHEID (km/h) en RICHTING						
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	DUUR h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	67	45	-	-	-	3.3	0 52	4	/	/	-	-	-	14	40	W	VR	W	SW	WSW
2	72	54	-	-	-	0.2	2 29	10	/	/	-	-	-	14	43	SSW	SW	S	SSW	SSW
3	85	65	-	-	-	9.1	6 18	26	/	/	-	-	-	14	40	SSW	SW	SW	SW	WSW
4	71	49	-	-	-	2.3	0 53	4	/	/	-	-	-	18	40	W	W	W	W	W
5	75	49	-	-	-	-	-	-	/	/	-	-	-	11	29	SSW	WSW	SW	SW	SSW
6	67	46	-	-	-	-	-	-	/	/	-	-	-	7	25	WSW	SSE	SW	SW	S
7	88	59	-	-	-	20.0	5 29	23	/	/	-	-	X	11	40	SW	E	NE	SW	S
8	84	67	-	-	-	4.6	4 43	20	/	/	-	-	-	18	54	W	SSW	SW	W	NNW
9	72	52	-	-	-	0.3	2 33	11	/	/	-	-	-	11	36	SW	WNW	SW	SSW	WSW
10	72	48	-	-	-	1.0	4 51	20	/	/	-	-	-	18	47	SW	S	SSW	SSW	WSW
11	78	58	-	-	-	-	-	-	/	/	-	-	-	11	32	SW	SSW	SW	SW	SSE
12	78	45	-	-	-	7.8	3 10	13	/	/	-	-	X	18	68	WSW	ESE	SE	WSW	SSW
13	73	55	-	-	-	11.6	5 8	21	/	/	-	-	X	22	61	SW	SSW	SSW	SW	SW
14	77	50	-	-	-	2.0	1 30	6	/	/	-	-	-	14	43	SW	SW	SW	SW	SE
15	73	46	454	392	56	-	-	-	/	/	-	-	-	7	32	NW	S	WNW	VR	WNW
16	73	43	-	-	-	-	-	-	/	/	-	-	-	7	22	ESE	ESE	ESE	VR	E
17	78	46	-	-	-	2.3	1 17	5	/	/	-	-	-	11	54	SW	E	SE	S	SW
18	83	69	-	-	-	2.5	2 21	10	/	/	-	-	-	11	40	SSW	SSW	S	SSW	SSW
19	72	56	-	-	-	1.7	1 11	5	/	/	-	-	-	18	54	SSW	SSW	SSW	SSW	SW
20	76	56	-	-	-	0.2	1 36	7	/	/	-	-	-	18	47	SW	SW	WSW	SW	WSW
21	74	58	-	-	-	0.2	0 17	1	/	/	-	-	-	14	40	SW	S	SSW	SW	SW
22	86	68	-	-	-	4.3	2 35	11	/	/	-	-	-	11	40	W	SW	SW	SSW	NNW
23	80	52	-	-	-	1.8	2 44	11	/	/	-	-	-	14	40	W	WSW	SW	WNW	WNW
24	78	49	-	-	-	<0.1	3 52	16	/	/	-	-	-	14	43	SW	SW	SSW	SSW	SSW
25	74	50	-	-	-	-	-	-	/	/	-	-	-	14	43	SW	SSW	SW	WSW	WSW
26	76	51	-	-	-	-	-	-	/	/	-	-	-	14	36	SW	WSW	W	SW	W
27	84	81	-	-	-	<0.1	0 30	2	/	/	-	-	-	14	29	WSW	SW	SW	SW	WSW
28	87	77	-	-	-	-	-	-	/	/	-	-	-	11	25	WSW	SW	SW	WSW	SW
29	86	72	58	36	22	-	-	-	/	/	-	-	-	7	18	SW	W	SW	W	WNW
30	78	54	258	250	162	-	-	-	/	/	-	-	-	11	32	E	ENE	E	E	E
31	77	56	-	-	-	0.3	0 53	4	/	/	-	-	-	11	61	WSW	ESE	ESE	S	SW
M	77		770	678	240	75.5	55 12				-	-	3	13						

* = Sneeuw ▲ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. SEPTEMBER 2008

	DRUK hPa	BEWOLKING Octas				ZON DUUR	TEMPERATUREN °C LUCHT			GRAS	MINIMUM ONDER NAAKTE GROND					
	GEM.	0h	6	12	18	h min	GEM.	MAX.	MIN.	MIN.	-2cm	-5cm	-10cm	-20cm	-50cm	-100cm
1	1015.4	8	5	6	3	/ /	17.4	19.8	12.2	13.4	18.0	18.5	18.3	18.8	18.6	17.6
2	1007.8	5	7	8	8	/ /	16.4	21.3	11.4	11.7	16.9	17.5	17.3	17.8	18.5	17.7
3	1005.4	9	7	7	3	/ /	14.2	17.1	11.6	11.9	16.2	16.7	16.5	16.9	18.0	17.7
4	1004.7	9	3	6	7	/ /	15.7	19.4	12.4	12.3	15.7	16.2	16.0	16.4	17.6	17.6
5	**1000.8**	6	7	8	8	/ /	15.9	19.1	11.9	12.6	16.2	16.6	16.4	16.7	17.5	17.5
6	1001.1	9	5	6	4	/ /	18.1	20.9	14.9	14.6	16.4	16.6	16.5	16.8	17.4	17.4
7	1006.3	8	8	8	7	/ /	15.5	17.6	13.6	14.2	16.4	16.7	16.6	16.8	17.3	17.3
8	1015.1	8	6	5	6	/ /	15.8	19.7	10.1	11.7	16.2	16.5	16.3	16.6	17.2	17.2
9	1014.3	9	0	2	8	/ /	17.1	24.9	8.3	9.9	14.9	15.5	15.3	15.8	17.1	17.1
10	1014.7	9	7	5	5	/ /	19.0	22.9	14.5	15.2	17.5	17.6	17.6	17.7	17.3	17.1
11	1010.3	9	6	3	8	/ /	**19.7**	**27.2**	14.1	14.3	17.1	17.5	17.3	17.6	17.7	17.1
12	1012.3	8	8	8	4	/ /	14.8	17.5	9.1	12.1	16.3	16.9	16.7	17.2	17.9	17.1
13	1018.4	9	6	8	7	/ /	12.8	16.7	8.5	10.0	15.4	16.0	15.7	16.2	17.3	17.2
14	1024.1	9	9	0	2	/ /	11.8	17.0	6.5	7.9	14.1	14.8	14.4	15.0	16.8	17.1
15	1025.0	9	6	6	7	/ /	11.9	15.8	9.1	10.1	14.3	14.7	14.5	14.9	16.4	16.9
16	1024.4	8	2	4	7	/ /	13.0	17.7	6.6	8.6	13.7	14.3	14.1	14.6	16.2	16.7
17	1023.4	8	3	5	6	/ /	12.6	16.1	10.0	10.8	14.6	15.0	14.8	15.2	16.1	16.6
18	1023.7	9	5	4	0	/ /	**10.7**	15.2	7.2	8.1	12.9	13.6	13.4	14.0	15.9	16.4
19	1026.6	9	2	5	1	/ /	11.1	17.4	**3.0**	**5.9**	11.8	12.6	12.3	12.9	15.4	16.3
20	1031.0	9	0	1	3	/ /	11.8	17.1	5.8	7.1	12.1	12.8	12.6	13.1	15.2	16.1
21	1026.6	9	6	6	6	/ /	12.6	18.3	4.9	7.5	12.2	12.8	12.6	13.1	15.0	15.9
22	1022.4	0	6	5	6	/ /	14.0	17.5	11.4	11.7	14.0	14.2	14.2	14.4	15.2	15.8
23	1020.2	0	7	6	7	/ /	13.2	15.6	11.8	12.2	14.3	14.5	14.5	14.7	15.3	15.7
24	1023.4	8	8	8	7	/ /	13.3	16.3	11.2	11.8	14.4	14.6	14.5	14.8	15.4	15.7
25	1031.0	8	0	2	0	/ /	12.5	17.1	8.9	9.6	13.6	14.0	13.8	14.2	15.3	15.7
26	**1035.1**	9	1	3	4	/ /	12.8	18.4	7.4	8.6	12.8	13.3	13.1	13.6	15.1	15.6
27	1031.3	9	0	1	1	/ /	11.7	19.5	3.7	6.0	11.8	12.5	12.3	12.8	14.8	15.5
28	1025.2	9	1	1	3	/ /	11.3	18.4	3.7	6.1	11.8	12.4	12.2	12.7	14.6	15.4
29	1017.9	9	8	5	5	/ /	11.5	15.4	5.7	8.0	12.7	13.1	13.0	13.3	14.6	15.3
30	1006.6	0	7	7	8	/ /	12.1	13.8	9.7	9.5	12.6	12.9	12.8	13.1	14.4	15.2
M	1018.2					/ /	14.0	18.4	9.3							

Bewolking : 9 = bovenlucht niet zichtbaar / = Ontbrekend gegeven

DEURNE 04°28' 18'' E 51°11' 31'' N 10 m Periode 00-24 h W.T. SEPTEMBER 2008

	REL. VOCHT. %		MIST DUUR IN MINUTEN			NEERSLAG					DAG MET			WIND SNELHEID (km/h) en RICHTING						
							DUUR		* (cm)											
	GEM.	MIN.	<1000m	<500m	<200m	l/m2	h min	%	6h	18	*	▲	℞	GEM.	MAX.		0h	6h	12h	18h
1	73	51	-	-	-	-	-	-	-	-	-	-	-	14	43	WSW	SSW	SW	W	SW
2	79	60	-	-	-	6.5	7 31	31	-	-	-	-	-	18	58	SSW	SSE	S	SSW	W
3	83	69	-	-	-	0.4	1 1	4	-	-	-	-	-	18	40	SSW	SSW	SSW	SSW	SSW
4	71	47	-	-	-	<0.1	1 28	6	-	-	-	-	-	18	47	SSW	SSW	SSW	SW	SSW
5	89	73	-	-	-	5.1	7 16	30	-	-	-	-	-	14	36	ESE	S	SE	SE	SE
6	67	44	-	-	-	<0.1	0 27	2	-	-	-	-	-	22	54	SSW	SSE	SSW	SSW	SSW
7	83	67	-	-	-	5.8	6 59	29	-	-	-	-	-	22	50	SW	S	S	SSW	SW
8	75	48	-	-	-	-	-	-	-	-	-	-	-	14	40	SW	SW	SW	SW	SW
9	78	40	-	-	-	3.0	2 1	8	-	-	-	-	-	11	32	SSW	E	ESE	SSE	SSW
10	79	54	-	-	-	-	-	-	-	-	-	-	-	11	40	SSW	SW	WSW	SSW	SSW
11	82	50	-	-	-	3.2	0 46	3	-	-	-	-	X	11	47	WNW	S	ESE	SSE	NW
12	89	73	262	192	-	3.7	6 10	26	-	-	-	-	-	14	43	WNW	NNW	W	W	W
13	85	65	348	174	46	-	-	-	-	-	-	-	-	7	36	ENE	VR	-	N	NNE
14	69	49	-	-	-	-	-	-	-	-	-	-	-	14	40	ESE	ENE	ENE	E	NE
15	76	56	-	-	-	-	-	-	-	-	-	-	-	11	29	E	NNE	NE	E	E
16	73	46	-	-	-	-	-	-	-	-	-	-	-	7	25	ENE	NE	NNE	E	ENE
17	79	59	-	-	-	-	-	-	-	-	-	-	-	7	22	E	ENE	E	E	ENE
18	70	45	-	-	-	-	-	-	-	-	-	-	-	11	36	ENE	ESE	E	E	NE
19	70	46	-	-	-	-	-	-	-	-	-	-	-	7	29	NNE	NNE	NNE	NE	NNE
20	72	52	-	-	-	-	-	-	-	-	-	-	-	11	36	ENE	NE	NNE	E	ENE
21	75	48	38	22	-	-	-	-	-	-	-	-	-	7	29	NE	ENE	ENE	E	NE
22	74	47	-	-	-	-	-	-	-	-	-	-	-	11	32	ENE	N	N	E	N
23	86	71	-	-	-	2.8	7 23	31	-	-	-	-	-	11	25	NNE	NNE	N	NNE	NNE
24	88	73	-	-	-	<0.1	1 1	4	-	-	-	-	-	11	25	ENE	NE	NE	ENE	NE
25	81	58	-	-	-	-	-	-	-	-	-	-	-	11	25	NE	ENE	NE	E	NE
26	75	51	-	-	-	19.7	(1)	-	-	-	-	-	-	11	29	ENE	NE	ENE	E	NE
27	77	43	310	258	116	-	-	-	-	-	-	-	-	4	18	NE	E	ENE	VR	NNE
28	83	58	646	514	240	-	-	-	-	-	-	-	-	4	25	WNW	-	-	WSW	N
29	80	47	780	656	522	0.2	1 33	6	-	-	-	-	-	11	40	W	-	WSW	W	W
30	88	82	-	-	-	9.0	14 58	62	-	-	-	-	-	18	54	WSW	SW	SW	SW	WSW
M	78		2384	1816	924	59.4	58 34				-	-	1	12						

* = Sneeuw ▲ = Hagel ℞ = Onweer

<0.1 = Neerslag te wijten aan mist of dauw

APPENDIX G. OVERVIEW OF MAINTENANCE - DREDGING ACTIVITIES

Dredging and dumping volumes [10^3 m^3]

Dredging locations									
	Week 14	*Week 15*	*Week 16*	*Week 17*	*Week 18*	*Week 19*	*Week 20*	*Week 21*	*Week 22*
Drempel van Vlissingen	-	-	-	-	-	-	-	-	-
Drempel van Borssele	9.68	-	-	43.48	41.43	-	38.92	72.67	9.68
Pas van Terneuzen	-	-	-	-	-	-	-	-	-
Put van Terneuzen	-	-	-	-	-	-	-	-	-
Gat van Ossensisse	-	-	-	-	-	-	-	-	-
Drempel van Walsoorden	-	-	-	-	-	-	-	-	-
Overloop Hansweert	-	-	-	-	-	-	-	-	-
Drempel van Hansweert	-	-	-	-	-	-	-	-	-
Overloop van Valkenisse (B 56-62)	33.38	144.19	35.88	-	-	-	-	-	33.38
Drempel van Valkenisse	-	-	47.67	69.20	38.97	-	-	-	-
Drempel van Bath	-	-	-	-	-	-	-	-	-
Nauw van Bath (B 75)	-	-	-	-	-	-	-	-	-
Vaarwater Bath (B72-76)	-	-	-	-	9.67	-	-	-	-
Noordzeeterminal	-	-	-	-	-	-	-	-	-
Containerkaai noord	-	-	-	-	-	-	-	-	-
Containerkaai zuid	-	-	-	-	-	-	-	-	-
Vaarwater Oudendijk	-	-	-	-	-	-	-	-	-
Drempel van Zandvliet	31.47	-	-	-	-	-	-	-	31.47
Zandvliet+Berendrecht sluis	-	-	-	-	43.18	23.95	-	-	-
Drempel van Frederik	-	-	-	25.34	-	-	-	-	-
Drempel van Lillo	-	-	-	-	-	-	-	-	-
Lillo vaarwater plaat	-	-	-	-	-	-	-	-	-
Toeg Boud+Calew sluis	-	-	-	-	-	-	-	-	-
Deurganckdok	-	-	-	-	-	-	91.59	89.18	-
De Parel	-	-	-	-	-	-	-	-	-
Ketelplaat	-	-	-	-	-	-	-	-	-
Kallo sluis	-	-	-	-	-	36.24	21.37	-	-
Krankeloon	-	-	-	-	-	-	-	-	-
Kaaien 23-27	-	-	-	-	-	-	-	-	-

Dumping locations									
	Week 14	*Week 15*	*Week 16*	*Week 17*	*Week 18*	*Week 19*	*Week 20*	*Week 21*	*Week 22*
Spijkerplaat	9.68	-	-	26.53	23.84	-	24.15	4.13	9.68
Everingen	-	-	-	-	-	-	-	-	-
Ellewoutsdijk	13.44	87.94	19.91	16.96	17.60	-	14.77	32.53	13.44
Biezelingse Ham	-	-	-	-	-	-	-	-	-
Gat van Ossenisse	-	-	-	-	-	-	-	-	-
Schaar van Waarde	19.94	56.24	63.64	69.20	48.64	-	-	-	19.94
Schaar Ouden Doel	31.47	-	-	12.61	-	1.34	-	-	31.47
Opspuitingen Deurganckdok	-	-	-	-	-	-	-	-	-
Oosterweel	-	-	-	6.13	21.77	28.69	56.49	47.00	-
Plaat van Boomke	-	-	-	6.64	-	19.46	1.16	-	-
Punt van Melsele	-	-	-	-	21.41	11.87	46.31	42.18	-
Opspuitingen Kruibeke	-	-	-	-	-	-	-	-	-
Opspuitingen Doeldok	-	-	-	-	-	-	-	-	-

Dredging locations									
	Week 23	*Week 24*	*Week 25*	*Week 26*	*Week 27*	*Week 28*	*Week 29*	*Week 30*	*Week 31*
Drempel van Vlissingen	-	-	-	-	-	-	-	-	-
Drempel van Borssele	13.33	49.76	19.43	44.75	-	-	-	-	21.73
Pas van Terneuzen	-	-	-	-	128.50	-	-	-	-
Put van Terneuzen	-	-	-	-	-	16.87	-	-	-
Gat van Ossensisse	-	-	-	-	-	-	-	-	-
Drempel van Walsoorden	-	-	-	-	-	-	-	-	-
Overloop Hansweert	-	-	-	-	-	-	-	-	-
Drempel van Hansweert	156.58	8.67	28.38	74.65	-	-	7.74	73.62	53.36
Overloop van Valkenisse (B 56-62)	-	-	-	-	-	-	72.80	31.31	23.62
Drempel van Valkenisse	-	85.40	65.15	36.15	-	-	28.23	59.58	55.29
Drempel van Bath	-	-	-	-	23.65	-	-	31.45	31.29
Nauw van Bath (B 75)	-	-	-	-	-	36.57	-	-	-
Vaarwater Bath (B72-76)	-	-	-	-	-	-	-	-	-
Noordzeeterminal	-	-	-	-	-	-	-	-	-
Containerkaai noord	-	-	-	-	-	-	-	-	-
Containerkaai zuid	-	-	-	-	-	-	-	-	-
Vaarwater Oudendijk	-	-	-	-	-	-	-	-	-
Drempel van Zandvliet	-	-	-	49.98	-	-	-	-	-
Zandvliet+Berendrecht sluis	-	-	-	55.82	14.73	17.40	14.00	-	9.13
Drempel van Frederik	-	-	93.22	97.46	75.66	47.22	-	-	18.25
Drempel van Lillo	34.89	-	-	-	12.29	8.43	-	-	-
Lillo vaarwater plaat	-	-	-	-	-	-	-	-	-
Toeg Boud+Calew sluis	-	-	-	-	-	-	-	-	-
Deurganckdok	-	-	-	-	2.74	8.88	0.46	-	-
De Parel	-	-	-	-	-	-	-	-	-
Ketelplaat	-	-	-	-	-	-	-	-	-
Kallo sluis	-	-	-	-	-	-	-	-	-
Krankeloon	-	-	-	-	-	3.34	39.43	-	-
Kaaien 23-27	-	-	-	-	0.36	-	-	-	-

Dumping locations									
	Week 23	*Week 24*	*Week 25*	*Week 26*	*Week 27*	*Week 28*	*Week 29*	*Week 30*	*Week 31*
Spijkerplaat	7.49	25.70	12.87	26.41	-	-	-	-	-
Everingen	-	-	-	-	-	-	-	-	73.88
Ellewoutsdijk	5.92	24.59	6.57	17.66	128.50	16.87	-	-	127.86
Biezelingse Ham	156.58	94.62	93.19	11.84	2.70	-	171.12	164.66	159.65
Gat van Ossenisse	-	-	-	-	-	-	-	31.23	3.91
Schaar van Waarde	-	-	-	-	-	-	14.00	-	18.25
Schaar Ouden Doel	34.89	-	93.22	147.44	136.50	99.74	18.17	-	-
Opspuitingen Deurganckdok	-	-	-	-	-	-	-	-	-
Oosterweel	-	-	-	-	24.55	25.28	-	-	-
Plaat van Boomke	-	-	-	-	-	21.19	21.72	-	-
Punt van Melsele	-	-	-	55.82	71.85	39.98	-	-	9.13
Opspuitingen Kruibeke	-	-	-	-	2.28	34.66	-	-	-
Opspuitingen Doeldok	-	-	-	-	-	-	-	-	-

Dredging locations									
	Week 32	*Week 33*	*Week 34*	*Week 35*	*Week 36*	*Week 37*	*Week 38*	*Week 39*	*Week 40*
Drempel van Vlissingen	-	-	-	-	-	-	-	57.77	-
Drempel van Borssele	-	-	-	-	-	-	17.36	98.47	-
Pas van Terneuzen	-	-	-	-	-	-	-	-	-
Put van Terneuzen	-	-	-	-	-	-	-	3.77	8.70
Gat van Ossensisse	-	-	-	-	-	-	-	-	-
Drempel van Walsoorden	-	-	-	-	-	-	-	-	-
Overloop Hansweert	-	-	-	-	-	-	-	-	-
Drempel van Hansweert	4.37	136.11	29.82	52.45	-	-	-	32.74	4.72
Overloop van Valkenisse (B 56-62)	82.79	2.18	-	-	-	-	172.22	176.67	162.14
Drempel van Valkenisse	32.92	3.97	-	-	-	172.72	-	-	-
Drempel van Bath	57.16	6.25	52.29	15.85	-	-	-	-	-
Nauw van Bath (B 75)	-	-	-	-	-	-	-	-	-
Vaarwater Bath (B72-76)	-	-	-	-	-	-	-	-	-
Noordzeeterminal	-	-	-	-	-	-	-	-	-
Containerkaai noord	-	-	-	-	-	-	-	-	-
Containerkaai zuid	-	-	-	-	-	-	-	-	-
Vaarwater Oudendijk	-	-	-	-	-	-	-	-	-
Drempel van Zandvliet	-	-	-	21.98	114.56	-	-	71.62	186.47
Zandvliet+Berendrecht sluis	62.29	2.58	-	5.81	44.45	-	-	-	-
Drempel van Frederik	136.84	18.62	-	-	93.73	-	-	-	-
Drempel van Lillo	-	-	68.11	2.18	-	-	-	-	-
Lillo vaarwater plaat	-	-	-	-	-	-	-	35.50	-
Toeg Boud+Calew sluis	-	-	-	-	-	-	-	-	-
Deurganckdok	-	91.17	151.13	-	-	-	-	-	-
De Parel	34.86	48.43	7.61	-	-	-	-	-	-
Ketelplaat	-	-	-	-	-	-	-	-	-
Kallo sluis	-	-	-	-	-	-	-	-	13.46
Krankeloon	23.53	-	1.47	-	-	-	-	-	-
Kaaien 23-27	-	-	-	-	-	-	-	-	-

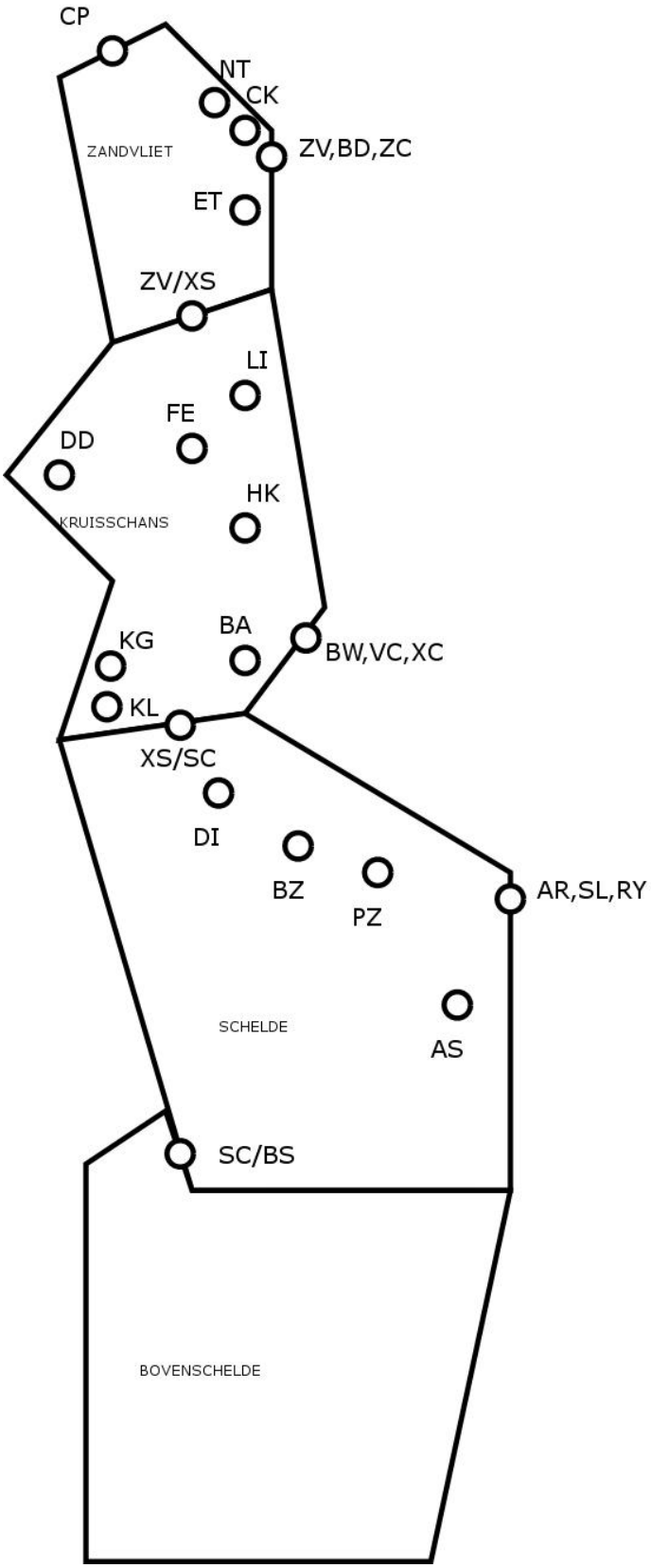
Dumping locations									
	Week 32	*Week 33*	*Week 34*	*Week 35*	*Week 36*	*Week 37*	*Week 38*	*Week 39*	*Week 40*
Spijkerplaat	-	-	-	-	-	-	17.36	57.77	-
Everingen	-	-	-	-	-	-	-	-	-
Ellewoutsdijk	-	-	-	-	-	-	-	12.11	8.70
Biezelingse Ham	163.29	212.61	21.86	56.28	-	132.12	129.23	165.52	166.90
Gat van Ossenisse	-	-	51.37	12.18	-	4.60	42.99	44.35	35.83
Schaar van Waarde	17.63	19.37	-	-	-	-	-	-	-
Schaar Ouden Doel	-	-	5.42	42.17	27.63	-	-	71.62	186.47
Opspuitingen Deurganckdok	-	-	-	-	-	-	-	-	-
Oosterweel	-	48.14	87.61	-	-	-	-	2.62	5.12
Plaat van Boomke	-	-	-	-	-	-	-	-	-
Punt van Melsele	62.29	63.73	-	5.81	44.45	-	-	14.43	8.34
Opspuitingen Kruibeke	37.28	55.60	99.28	-	-	-	-	-	-
Opspuitingen Doeldok	-	-	-	-	-	-	-	-	-

APPENDIX H.
NAVIGATION

H.1 Description of the areas

Area	*Global description*	*Detailed description*
1	Belgian border → Locks of Zandvliet – Berendrecht	Transit point CP → exit/entry point ZC, BD, ZV, NT, CK, ET or transit point ZV/XS
2	Locks of Zandvliet – Berendrecht → Deurganckdok	Transit point CP or entry/exit point ZC, BD, ZV, NT, CK, ET → transit point ZV/XS
3	Deurganckdok → Lock of Kallo	Transit point ZV/XS or entry/exit point DD → exit/entry point BA, BW, FE, HK, KG, KL, LI, VC, XC or transit point XS/SC
4	Lock of Kallo → Lock of Royers	Transit point XS/SC or entry/exit point DD, BA, BW, FE, HK, KG, KL, LI, VC, XC → entry/exit point AR, AS, BZ, DI, KT, PZ, RY, SL or transit point SC/BS

	CID	MEANING	TYPE
GA	GEBIED ANTWERPEN		
SA	Saeftinge		
	CP	Coordinatiepunt (blokgrens SA/ZV)	P
	CP2	Coordinatiepunt (blokgrens SA/ZV)	P
SC	Schelde		
	AR	Antwerpen Rede	E
	AS	Antwerpen Scheldekade/steiger	E
	AX	Antwerpen zonder detaillering	E
	BZ	BP Zwijndrecht	E
	DI	Haven Dredging International	E
	PZ	Polysar Zwijndrecht	E
	RY	Royerssluis	E
	SC/BS	Blokgrens SC/BS (boveneinde rede Antwerpen)	P
	SL	Sluizen Antwerpen Rechteroever	E
XS	Kruisschans		
	BA	Bayer Kallo	E
	BW	Boudewijnsluis	E
	DD	Deurganckdok	E
	FE	Steiger Fenol	E
	HK	Steiger Haltermann	E
	KG	Kallo geul	E
	KL	Kallosluis	E
	LI	Steiger Lillo	E
	VC	Van Cauwelaertsluis	E
	XC	Kruisschanssluiscomplex	E
	XS/SC	Blokgrens Kruisschans / Schelde	P
	XS/SC2	Blokgrens Kruisschans / Schelde	P
ZV	Zandvliet		
	BD	Berendrechtsluis	E
	CK	Containerkade Antwerpen	E
	ET	Europaterminal	E
	NT	Noordzeeterminal	E
	ZC	Zandvliet / Berendrecht sluiszencomplex	E
	ZV	Zandvliet sluis	E
	ZV/XS	Blokgrens Zandvliet / Kruisschans	P
	ZV/XS2	Blokgrens Zandvliet / Kruisschans	P



Sketch of the different areas of navigation

H.2 Weekly data

Week 14 (31/03/2008 – 06/04/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	104	100	3	18	84
	0 – 8 m	871	439	430	409	461
	8 – 12 m	219	1	218	69	150
	> 12 m	24	0	24	3	21
2	Unknown	101	93	7	24	75
	0 – 8 m	636	379	256	340	295
	8 – 12 m	103	1	102	49	54
	> 12 m	4	0	4	1	3
3	Unknown	98	93	4	19	78
	0 – 8 m	594	365	228	321	271
	8 – 12 m	70	1	69	32	38
	> 12 m	0	0	0	0	0
4	Unknown	24	23	1	9	15
	0 – 8 m	156	102	53	104	52
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0
Week 15 (07/04/2008 – 13/04/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	70	68	1	19	49
	0 – 8 m	924	523	399	434	484
	8 – 12 m	225	0	225	75	150
	> 12 m	33	0	33	5	28
2	Unknown	68	63	5	21	45
	0 – 8 m	688	448	239	368	314
	8 – 12 m	97	0	97	51	46
	> 12 m	6	0	6	2	4
3	Unknown	66	64	2	21	43
	0 – 8 m	651	427	223	350	295
	8 – 12 m	57	0	57	30	27
	> 12 m	0	0	0	0	0
4	Unknown	20	19	1	7	13
	0 – 8 m	147	90	57	98	49
	8 – 12 m	2	0	2	1	1
	> 12 m	0	0	0	0	0

Week 16 (14/04/2008 – 20/04/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	100	97	3	20	80
	0 – 8 m	898	493	403	434	457
	8 – 12 m	208	0	208	65	143
	> 12 m	29	0	29	4	25
2	Unknown	97	91	6	22	75
	0 – 8 m	683	426	256	366	310
	8 – 12 m	93	0	93	45	48
	> 12 m	3	0	3	1	2
3	Unknown	97	94	3	20	77
	0 – 8 m	636	407	228	338	292
	8 – 12 m	53	0	53	24	29
	> 12 m	1	0	1	1	0
4	Unknown	31	31	0	13	18
	0 – 8 m	167	118	48	119	46
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0
Week 17 (21/04/2008 – 27/04/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	97	93	4	13	81
	0 – 8 m	957	505	451	457	494
	8 – 12 m	217	0	217	77	140
	> 12 m	33	0	33	6	27
2	Unknown	103	93	10	18	82
	0 – 8 m	710	439	270	385	319
	8 – 12 m	88	0	88	47	41
	> 12 m	7	0	7	4	3
3	Unknown	95	88	7	15	77
	0 – 8 m	661	416	245	359	297
	8 – 12 m	49	0	49	27	22
	> 12 m	1	0	1	1	0
4	Unknown	18	18	0	6	11
	0 – 8 m	156	100	56	104	51
	8 – 12 m	1	0	1	0	1
	> 12 m	0	0	0	0	0

Week 18 (28/04/2008 – 04/05/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	80	74	6	12	67
	0 – 8 m	806	432	373	398	404
	8 – 12 m	214	0	214	66	148
	> 12 m	43	1	42	9	34
2	Unknown	83	74	9	18	64
	0 – 8 m	626	389	236	342	280
	8 – 12 m	88	0	88	43	45
	> 12 m	13	1	12	4	9
3	Unknown	76	69	7	12	63
	0 – 8 m	584	376	207	316	263
	8 – 12 m	51	0	51	23	28
	> 12 m	1	1	0	1	0
4	Unknown	23	22	1	10	13
	0 – 8 m	145	98	47	91	53
	8 – 12 m	1	0	1	0	1
	> 12 m	0	0	0	0	0
Week 19 (05/05/2008 – 11/05/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	100	97	3	25	75
	0 – 8 m	937	477	456	451	486
	8 – 12 m	201	0	201	56	145
	> 12 m	40	0	40	11	29
2	Unknown	98	89	9	27	71
	0 – 8 m	679	415	260	374	305
	8 – 12 m	89	0	89	45	44
	> 12 m	14	0	14	7	7
3	Unknown	91	88	3	25	66
	0 – 8 m	633	392	237	345	288
	8 – 12 m	49	0	49	23	26
	> 12 m	2	0	2	1	1
4	Unknown	36	34	2	20	16
	0 – 8 m	169	107	61	115	54
	8 – 12 m	2	0	2	0	2
	> 12 m	0	0	0	0	0

Week 20 (12/05/2008 – 18/05/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	84	72	12	23	59
	0 – 8 m	872	458	411	421	447
	8 – 12 m	214	1	213	67	147
	> 12 m	32	0	32	8	24
2	Unknown	85	66	19	26	57
	0 – 8 m	685	409	273	367	314
	8 – 12 m	99	1	98	48	51
	> 12 m	6	0	6	3	3
3	Unknown	80	66	14	22	56
	0 – 8 m	645	389	253	350	291
	8 – 12 m	50	1	49	23	27
	> 12 m	0	0	0	0	0
4	Unknown	33	25	8	18	15
	0 – 8 m	158	99	59	108	50
	8 – 12 m	2	0	2	1	1
	> 12 m	0	0	0	0	0
Week 21 (19/05/2008 – 25/05/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	52	51	0	13	36
	0 – 8 m	504	283	220	245	257
	8 – 12 m	114	0	114	35	79
	> 12 m	21	0	21	4	17
2	Unknown	51	46	4	14	34
	0 – 8 m	384	250	133	220	162
	8 – 12 m	47	0	47	24	23
	> 12 m	7	0	7	3	4
3	Unknown	47	46	1	11	32
	0 – 8 m	355	237	117	204	149
	8 – 12 m	20	0	20	10	10
	> 12 m	2	0	2	1	1
4	Unknown	14	13	1	10	4
	0 – 8 m	93	63	29	72	20
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0

Week 22 (26/05/2008 – 01/06/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	89	84	5	15	72
	0 – 8 m	968	515	451	453	512
	8 – 12 m	213	0	213	71	142
	> 12 m	30	1	29	5	25
2	Unknown	86	72	14	14	70
	0 – 8 m	711	424	285	376	332
	8 – 12 m	101	0	101	49	52
	> 12 m	6	1	5	2	4
3	Unknown	77	70	7	10	65
	0 – 8 m	653	397	254	348	303
	8 – 12 m	58	0	58	27	31
	> 12 m	1	1	0	1	0
4	Unknown	19	17	2	3	16
	0 – 8 m	202	128	74	134	68
	8 – 12 m	1	0	1	0	1
	> 12 m	0	0	0	0	0
Week 23 (02/06/2008 – 08/06/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	74	67	6	9	62
	0 – 8 m	916	491	424	410	502
	8 – 12 m	222	1	221	64	158
	> 12 m	29	0	29	7	22
2	Unknown	75	60	14	14	58
	0 – 8 m	686	428	257	346	336
	8 – 12 m	90	1	89	44	46
	> 12 m	9	0	9	4	5
3	Unknown	71	66	4	12	54
	0 – 8 m	630	402	227	321	305
	8 – 12 m	50	1	49	23	27
	> 12 m	0	0	0	0	0
4	Unknown	25	22	2	5	18
	0 – 8 m	151	103	47	97	53
	8 – 12 m	2	1	1	1	1
	> 12 m	0	0	0	0	0

Week 24 (09/06/2008 – 17/06/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	68	64	3	19	49
	0 – 8 m	944	543	400	449	488
	8 – 12 m	209	0	208	60	148
	> 12 m	41	1	40	8	33
2	Unknown	66	59	5	22	44
	0 – 8 m	741	473	267	385	349
	8 – 12 m	78	0	77	38	39
	> 12 m	11	0	11	4	7
3	Unknown	63	59	2	18	45
	0 – 8 m	679	447	231	357	315
	8 – 12 m	40	0	39	18	21
	> 12 m	1	0	1	1	0
4	Unknown	22	20	0	7	15
	0 – 8 m	167	126	41	111	55
	8 – 12 m	1	0	0	0	0
	> 12 m	0	0	0	0	0
Week 25 (18/06/2008 – 26/06/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	62	58	4	10	51
	0 – 8 m	980	534	445	443	532
	8 – 12 m	209	0	209	58	151
	> 12 m	37	0	37	9	28
2	Unknown	54	48	6	11	42
	0 – 8 m	663	434	228	360	298
	8 – 12 m	66	0	66	34	32
	> 12 m	12	0	12	4	8
3	Unknown	50	47	3	9	40
	0 – 8 m	601	407	193	327	269
	8 – 12 m	36	0	36	19	17
	> 12 m	0	0	0	0	0
4	Unknown	17	17	0	6	11
	0 – 8 m	198	148	50	147	51
	8 – 12 m	2	0	2	1	1
	> 12 m	0	0	0	0	0

Week 26 (23/06/2008 – 29/06/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	69	66	2	13	51
	0 – 8 m	926	509	417	430	491
	8 – 12 m	222	1	221	64	158
	> 12 m	31	0	31	4	27
2	Unknown	63	58	4	17	43
	0 – 8 m	624	409	215	340	281
	8 – 12 m	73	1	72	37	36
	> 12 m	7	0	7	2	5
3	Unknown	63	58	4	17	43
	0 – 8 m	582	392	189	316	263
	8 – 12 m	33	1	32	15	18
	> 12 m	2	0	2	1	1
4	Unknown	27	26	1	14	12
	0 – 8 m	184	133	50	119	63
	8 – 12 m	3	1	2	2	1
	> 12 m	0	0	0	0	0
Week 27 (30/06/2008 – 06/07/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	116	112	4	19	96
	0 – 8 m	866	451	413	411	446
	8 – 12 m	231	0	231	75	156
	> 12 m	37	0	37	9	28
2	Unknown	117	105	12	23	93
	0 – 8 m	648	389	257	347	293
	8 – 12 m	101	0	101	53	48
	> 12 m	11	0	11	6	5
3	Unknown	103	96	7	20	82
	0 – 8 m	604	371	231	328	268
	8 – 12 m	61	0	61	31	30
	> 12 m	3	0	3	3	0
4	Unknown	26	22	4	6	20
	0 – 8 m	166	116	50	116	50
	8 – 12 m	2	0	2	2	0
	> 12 m	0	0	0	0	0

Week 28 (07/07/2008 – 13/07/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	69	64	5	18	50
	0 – 8 m	869	490	379	407	451
	8 – 12 m	218	0	218	64	154
	> 12 m	28	0	28	6	22
2	Unknown	72	58	14	21	50
	0 – 8 m	670	423	247	351	310
	8 – 12 m	97	0	97	52	45
	> 12 m	9	0	9	3	6
3	Unknown	63	56	7	17	45
	0 – 8 m	618	403	215	321	288
	8 – 12 m	55	0	55	29	26
	> 12 m	1	0	1	1	0
4	Unknown	22	19	2	9	12
	0 – 8 m	163	110	53	112	50
	8 – 12 m	3	0	3	2	1
	> 12 m	0	0	0	0	0
Week 29 (14/07/2008 – 20/07/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	59	56	2	7	52
	0 – 8 m	811	422	389	368	439
	8 – 12 m	220	0	220	65	155
	> 12 m	24	0	24	4	20
2	Unknown	60	53	6	9	51
	0 – 8 m	611	362	249	315	293
	8 – 12 m	92	0	92	43	49
	> 12 m	6	0	6	2	4
3	Unknown	55	52	2	6	48
	0 – 8 m	563	342	221	288	272
	8 – 12 m	50	0	50	20	30
	> 12 m	0	0	0	0	0
4	Unknown	11	10	0	0	11
	0 – 8 m	145	110	35	103	41
	8 – 12 m	1	0	1	0	1
	> 12 m	0	0	0	0	0

Week 30 (21/07/2008 – 27/07/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	56	53	2	11	45
	0 – 8 m	750	348	401	339	407
	8 – 12 m	201	0	201	63	138
	> 12 m	33	0	33	10	23
2	Unknown	54	48	5	13	41
	0 – 8 m	530	292	237	265	261
	8 – 12 m	80	0	80	41	39
	> 12 m	12	0	12	6	6
3	Unknown	48	44	3	11	37
	0 – 8 m	481	275	205	240	237
	8 – 12 m	43	0	43	22	21
	> 12 m	1	0	1	0	1
4	Unknown	9	6	2	2	7
	0 – 8 m	123	81	41	80	41
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0
Week 31 (28/07/2008 – 03/08/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	50	49	0	12	37
	0 – 8 m	763	372	391	361	399
	8 – 12 m	203	0	203	70	133
	> 12 m	29	0	29	8	21
2	Unknown	49	46	2	14	34
	0 – 8 m	557	316	241	295	260
	8 – 12 m	93	0	93	48	45
	> 12 m	7	0	7	2	5
3	Unknown	45	43	2	12	32
	0 – 8 m	513	292	221	276	235
	8 – 12 m	49	0	49	26	23
	> 12 m	0	0	0	0	0
4	Unknown	13	11	2	6	7
	0 – 8 m	134	89	45	95	39
	8 – 12 m	2	0	2	1	1
	> 12 m	0	0	0	0	0

Week 32 (04/08/2008 – 10/08/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	48	47	0	12	36
	0 – 8 m	861	447	414	409	449
	8 – 12 m	200	0	200	53	147
	> 12 m	28	0	28	2	26
2	Unknown	49	45	3	15	34
	0 – 8 m	618	377	241	329	286
	8 – 12 m	85	1	84	40	45
	> 12 m	3	0	3	0	3
3	Unknown	47	44	2	14	32
	0 – 8 m	579	366	213	308	268
	8 – 12 m	51	1	50	22	29
	> 12 m	0	0	0	0	0
4	Unknown	13	11	1	5	8
	0 – 8 m	128	90	38	94	34
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0
Week 33 (11/08/2008 – 17/08/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	58	57	1	13	45
	0 – 8 m	839	440	398	397	436
	8 – 12 m	224	0	224	69	154
	> 12 m	32	1	31	5	27
2	Unknown	60	57	3	17	43
	0 – 8 m	615	380	234	325	285
	8 – 12 m	78	0	78	39	38
	> 12 m	10	1	9	3	7
3	Unknown	58	57	1	17	41
	0 – 8 m	568	362	206	299	264
	8 – 12 m	50	0	50	23	26
	> 12 m	4	1	3	1	3
4	Unknown	13	13	0	8	5
	0 – 8 m	137	104	33	109	28
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0

Week 34 (18/08/2008 – 24/08/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	67	63	4	12	53
	0 – 8 m	935	528	406	429	498
	8 – 12 m	210	0	210	64	146
	> 12 m	32	0	32	7	25
2	Unknown	65	62	3	15	48
	0 – 8 m	693	451	241	353	332
	8 – 12 m	87	0	87	44	43
	> 12 m	6	0	6	3	3
3	Unknown	61	59	2	13	46
	0 – 8 m	645	430	214	331	306
	8 – 12 m	48	0	48	25	23
	> 12 m	2	0	2	2	0
4	Unknown	15	14	1	11	4
	0 – 8 m	132	107	25	110	22
	8 – 12 m	2	0	2	1	1
	> 12 m	0	0	0	0	0
Week 35 (25/08/2008 – 31/08/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	86	81	3	20	62
	0 – 8 m	923	507	413	443	478
	8 – 12 m	204	0	204	62	142
	> 12 m	24	0	24	2	22
2	Unknown	78	72	4	19	55
	0 – 8 m	668	422	243	369	297
	8 – 12 m	79	0	79	41	38
	> 12 m	4	0	4	1	3
3	Unknown	78	71	5	20	54
	0 – 8 m	630	411	216	346	282
	8 – 12 m	39	0	39	20	19
	> 12 m	0	0	0	0	0
4	Unknown	17	14	1	12	4
	0 – 8 m	135	106	28	120	15
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0

Week 36 (01/09/2008 – 07/09/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	73	71	2	16	56
	0 – 8 m	883	483	400	424	452
	8 – 12 m	211	1	210	67	144
	> 12 m	27	0	27	4	23
2	Unknown	68	65	3	17	50
	0 – 8 m	643	414	229	350	287
	8 – 12 m	94	1	93	44	50
	> 12 m	7	0	7	3	4
3	Unknown	66	63	3	16	49
	0 – 8 m	596	394	202	329	261
	8 – 12 m	59	1	58	26	33
	> 12 m	2	0	2	2	0
4	Unknown	34	32	2	18	16
	0 – 8 m	154	111	43	107	45
	8 – 12 m	1	0	1	0	1
	> 12 m	0	0	0	0	0
Week 37 (08/09/2008 – 14/09/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	99	96	2	18	81
	0 – 8 m	894	516	378	397	489
	8 – 12 m	219	0	219	65	154
	> 12 m	25	0	25	6	19
2	Unknown	89	83	5	15	74
	0 – 8 m	653	430	223	343	304
	8 – 12 m	77	0	77	36	41
	> 12 m	5	0	5	3	2
3	Unknown	85	81	3	15	70
	0 – 8 m	611	408	203	321	282
	8 – 12 m	41	0	41	17	24
	> 12 m	2	0	2	2	0
4	Unknown	26	24	1	7	19
	0 – 8 m	186	144	42	121	65
	8 – 12 m	2	0	2	2	0
	> 12 m	0	0	0	0	0

Week 38 (15/09/2008 – 21/09/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	81	80	1	16	61
	0 – 8 m	853	450	403	405	444
	8 – 12 m	214	0	214	59	155
	> 12 m	25	0	25	4	21
2	Unknown	80	77	3	17	59
	0 – 8 m	642	382	260	353	286
	8 – 12 m	80	0	80	40	40
	> 12 m	4	0	4	1	3
3	Unknown	78	77	1	15	59
	0 – 8 m	595	360	235	333	259
	8 – 12 m	49	0	49	26	23
	> 12 m	0	0	0	0	0
4	Unknown	24	24	0	2	21
	0 – 8 m	144	98	46	107	37
	8 – 12 m	0	0	0	0	0
	> 12 m	0	0	0	0	0
Week 39 (22/09/2008 – 28/09/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	73	69	4	17	54
	0 – 8 m	893	492	400	404	483
	8 – 12 m	209	0	209	59	150
	> 12 m	31	0	31	8	23
2	Unknown	63	54	9	19	43
	0 – 8 m	644	406	237	344	294
	8 – 12 m	67	0	67	31	36
	> 12 m	9	0	9	5	4
3	Unknown	58	53	5	18	38
	0 – 8 m	594	380	213	321	266
	8 – 12 m	36	0	36	14	22
	> 12 m	1	0	1	1	0
4	Unknown	21	20	1	10	11
	0 – 8 m	183	133	50	136	47
	8 – 12 m	1	0	1	1	0
	> 12 m	0	0	0	0	0

Week 40 (29/09/2008 – 05/10/2008)						
Area	***Draught***	***Total***	***Inland navigation***	***Seagoing***	***Arrival***	***Departure***
1	Unknown	90	89	1	23	67
	0 – 8 m	753	404	348	363	386
	8 – 12 m	197	0	197	66	131
	> 12 m	39	0	39	9	30
2	Unknown	87	83	4	25	62
	0 – 8 m	555	342	212	305	246
	8 – 12 m	79	0	79	42	37
	> 12 m	10	0	10	4	6
3	Unknown	85	83	2	22	63
	0 – 8 m	520	328	191	286	230
	8 – 12 m	46	0	46	24	22
	> 12 m	1	0	1	1	0
4	Unknown	27	26	1	11	16
	0 – 8 m	137	98	38	100	36
	8 – 12 m	1	0	1	1	0
	> 12 m	0	0	0	0	0