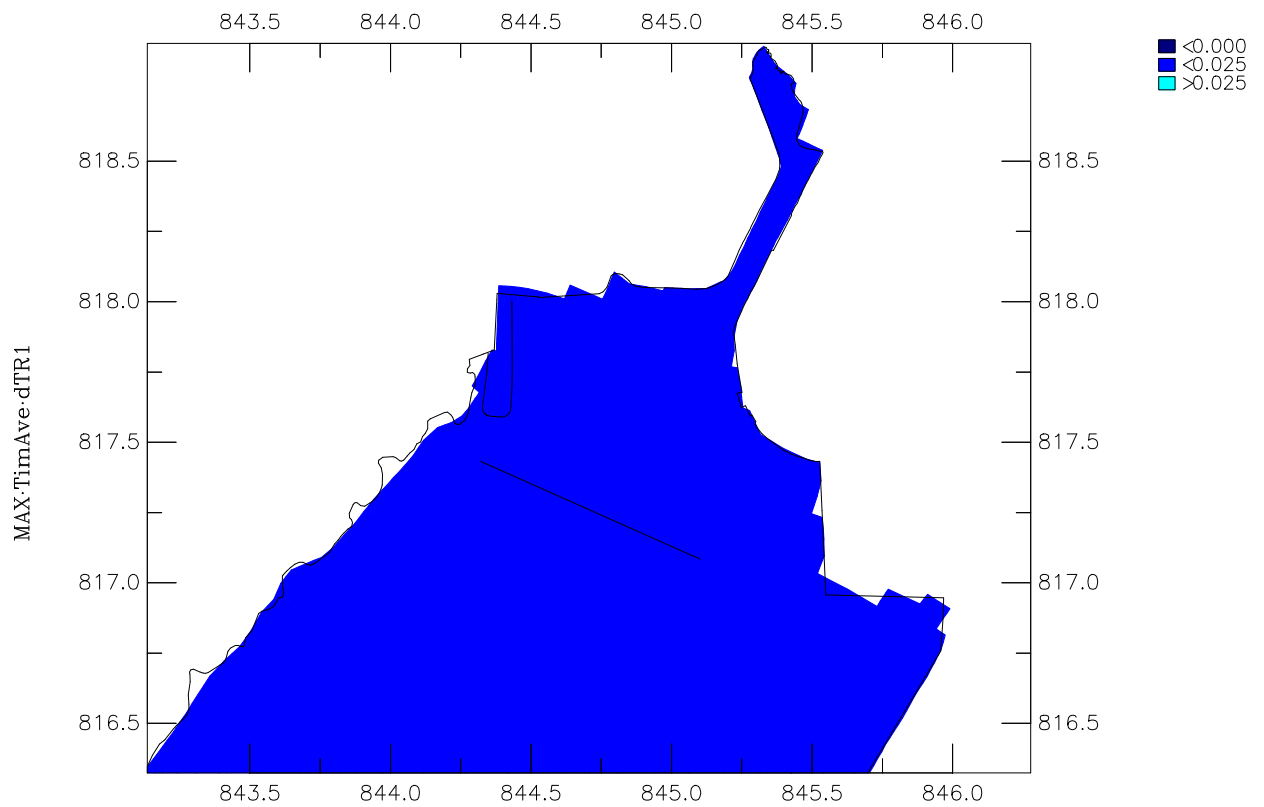
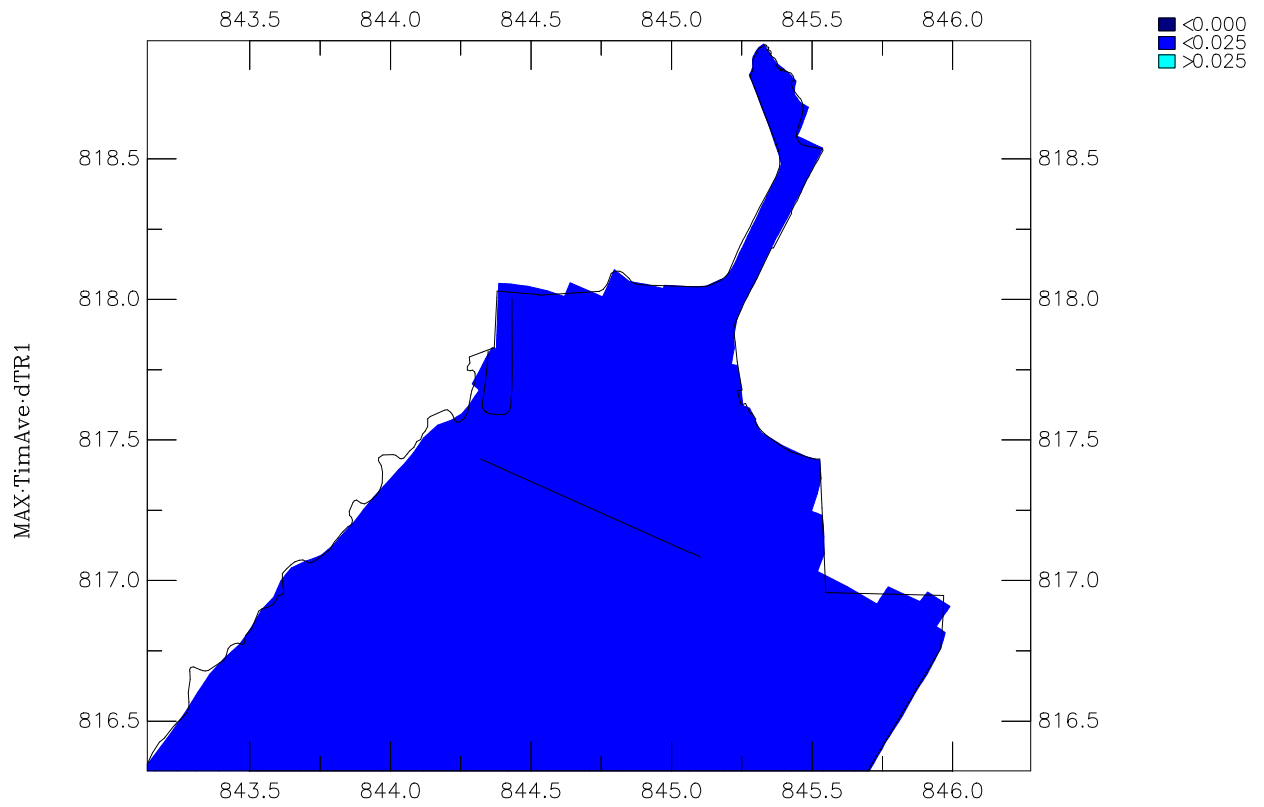


Scenario	Drawing	Season	Parameter
1a – CBL + LTT Only	S1a-As-Dry-Map	Dry	Max Extent of As Elevation
	S1a-As-Dry-His	Dry	As Elevation at CC2, CC3 and CC13
	S1a-As-Dry-His2	Dry	As Elevation at CC1, SWI1 and CC4
	S1a-Cr-Dry-Map	Dry	Max Extent of Cr Elevation
	S1a-Cr-Dry-His	Dry	Cr Elevation at CC2, CC3 and CC13
	S1a-Cr-Dry-His2	Dry	Cr Elevation at CC1, SWI1 and CC4
	S1a-Cu-Dry-Map	Dry	Max Extent of Cu Elevation
	S1a-Cu-Dry-His	Dry	Cu Elevation at CC2, CC3 and CC13
	S1a-Cu-Dry-His2	Dry	Cu Elevation at CC1, SWI1 and CC4
	S1a-Pb-Dry-Map	Dry	Max Extent of Pb Elevation
	S1a-Pb-Dry-His	Dry	Pb Elevation at CC2, CC3 and CC13
	S1a-Pb-Dry-His2	Dry	Pb Elevation at CC1, SWI1 and CC4
	S1a-TIN-Dry-Map	Dry	Max Extent of TIN Elevation
	S1a-TIN-Dry-His	Dry	TIN Elevation at CC2, CC3 and CC13
	S1a-TIN-Dry-His2	Dry	TIN Elevation at CC1, SWI1 and CC4
	S1a-UIA-Dry-Map	Dry	Max Extent of UIA Elevation
	S1a-UIA-Dry-His	Dry	UIA Elevation at CC2, CC3 and CC13
	S1a-UIA-Dry-His2	Dry	UIA Elevation at CC1, SWI1 and CC4
	S1a-Zn-Dry-Map	Dry	Max Extent of Zn Elevation
	S1a-Zn-Dry-His	Dry	Zn Elevation at CC2, CC3 and CC13
	S1a-Zn-Dry-His2	Dry	Zn Elevation at CC1, SWI1 and CC4
	S1a-As-Wet-Map	Wet	Max Extent of As Elevation
	S1a-As-Wet-His	Wet	As Elevation at CC2, CC3 and CC13
	S1a-As-Wet-His2	Wet	As Elevation at CC1, SWI1 and CC4
	S1a-Cr-Wet-Map	Wet	Max Extent of Cr Elevation
	S1a-Cr-Wet-His	Wet	Cr Elevation at CC2, CC3 and CC13
	S1a-Cr-Wet-His2	Wet	Cr Elevation at CC1, SWI1 and CC4
	S1a-Cu-Wet-Map	Wet	Max Extent of Cu Elevation
	S1a-Cu-Wet-His	Wet	Cu Elevation at CC2, CC3 and CC13
	S1a-Cu-Wet-His2	Wet	Cu Elevation at CC1, SWI1 and CC4
	S1a-Pb-Wet-Map	Wet	Max Extent of Pb Elevation
	S1a-Pb-Wet-His	Wet	Pb Elevation at CC2, CC3 and CC13
	S1a-Pb-Wet-His2	Wet	Pb Elevation at CC1, SWI1 and CC4
	S1a-TIN-Wet-Map	Wet	Max Extent of TIN Elevation
	S1a-TIN-Wet-His	Wet	TIN Elevation at CC2, CC3 and CC13
	S1a-TIN-Wet-His2	Wet	TIN Elevation at CC1, SWI1 and CC4
	S1a-UIA-Wet-Map	Wet	Max Extent of UIA Elevation
	S1a-UIA-Wet-His	Wet	UIA Elevation at CC2, CC3 and CC13
	S1a-UIA-Wet-His2	Wet	UIA Elevation at CC1, SWI1 and CC4
	S1a-Zn-Wet-Map	Wet	Max Extent of Zn Elevation
	S1a-Zn-Wet-His	Wet	Zn Elevation at CC2, CC3 and CC13
	S1a-Zn-Wet-His2	Wet	Zn Elevation at CC1, SWI1 and CC4
1c – Cumulative	S1c-As-Dry-Map	Dry	Max Extent of As Elevation
	S1c-As-Dry-His	Dry	As Elevation at CC2, CC3 and CC13
	S1c-As-Dry-His2	Dry	As Elevation at CC1, SWI1 and CC4
	S1c-As-Wet-Map	Wet	Max Extent of As Elevation
	S1c-As-Wet-His	Wet	As Elevation at CC2, CC3 and CC13
	S1c-As-Wet-His2	Wet	As Elevation at CC1, SWI1 and CC4



Extent of As Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

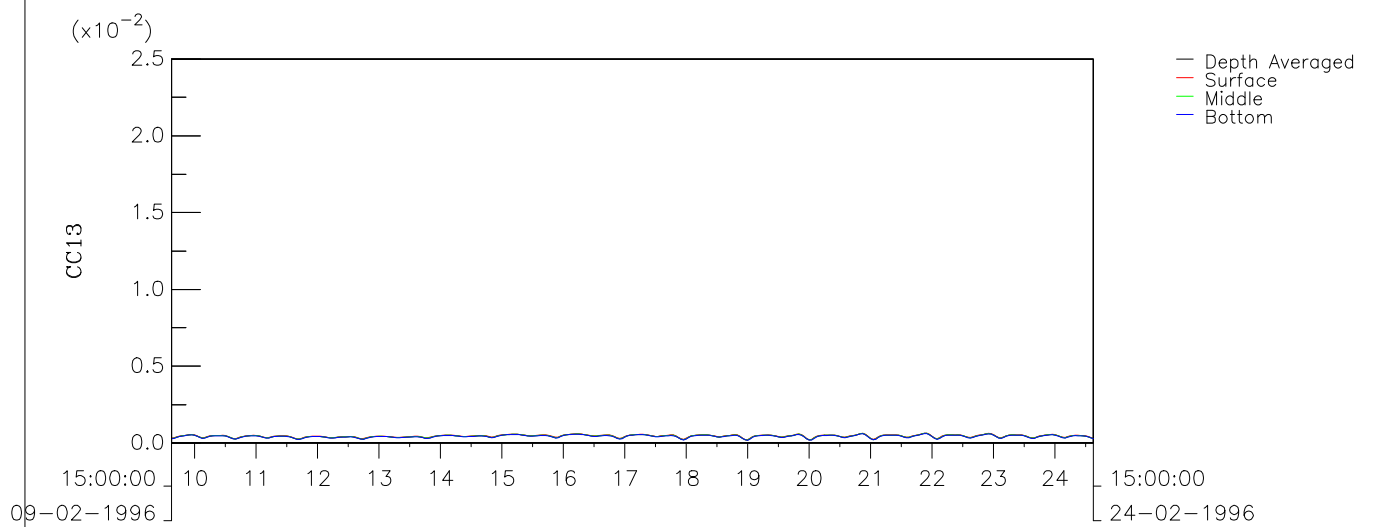
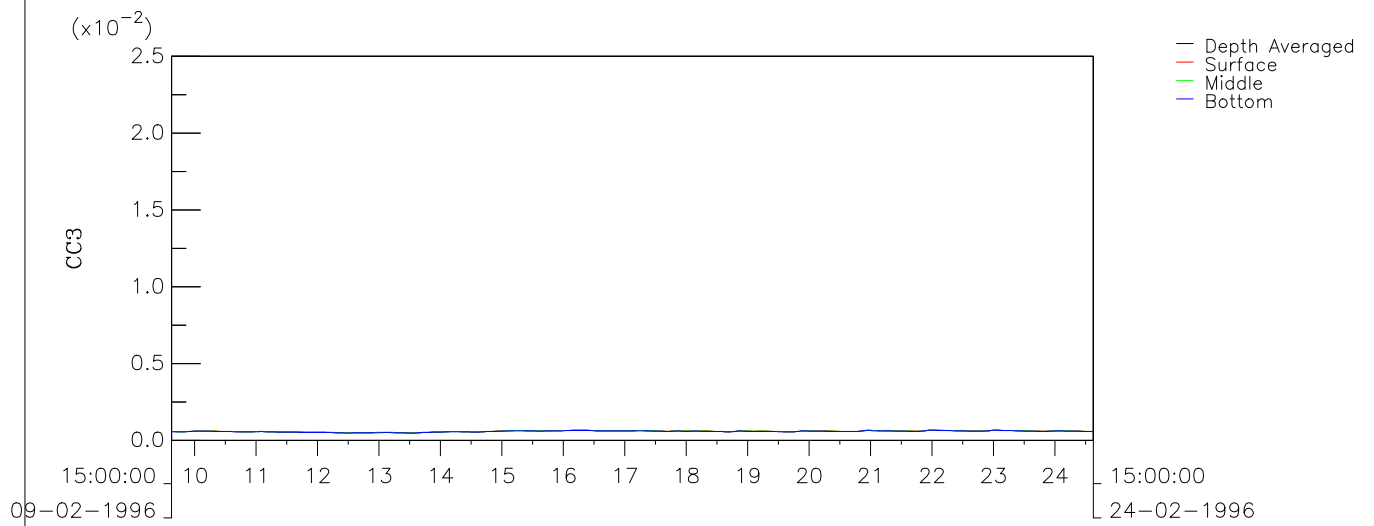
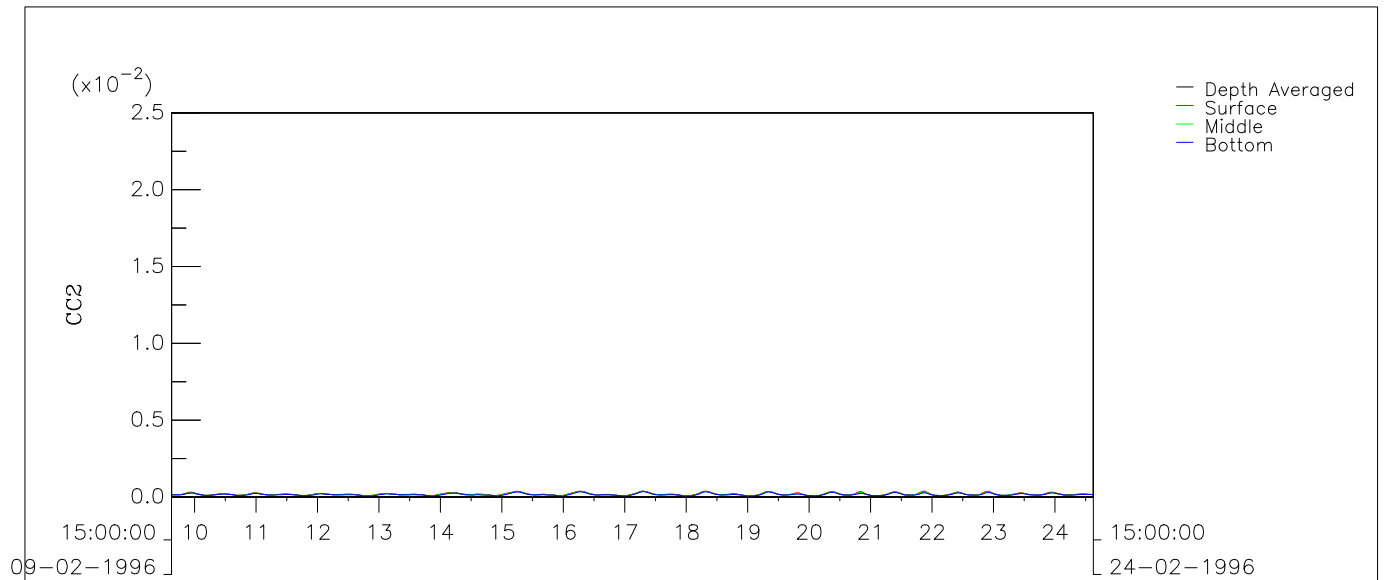
L – Lower Layer

Dry Season

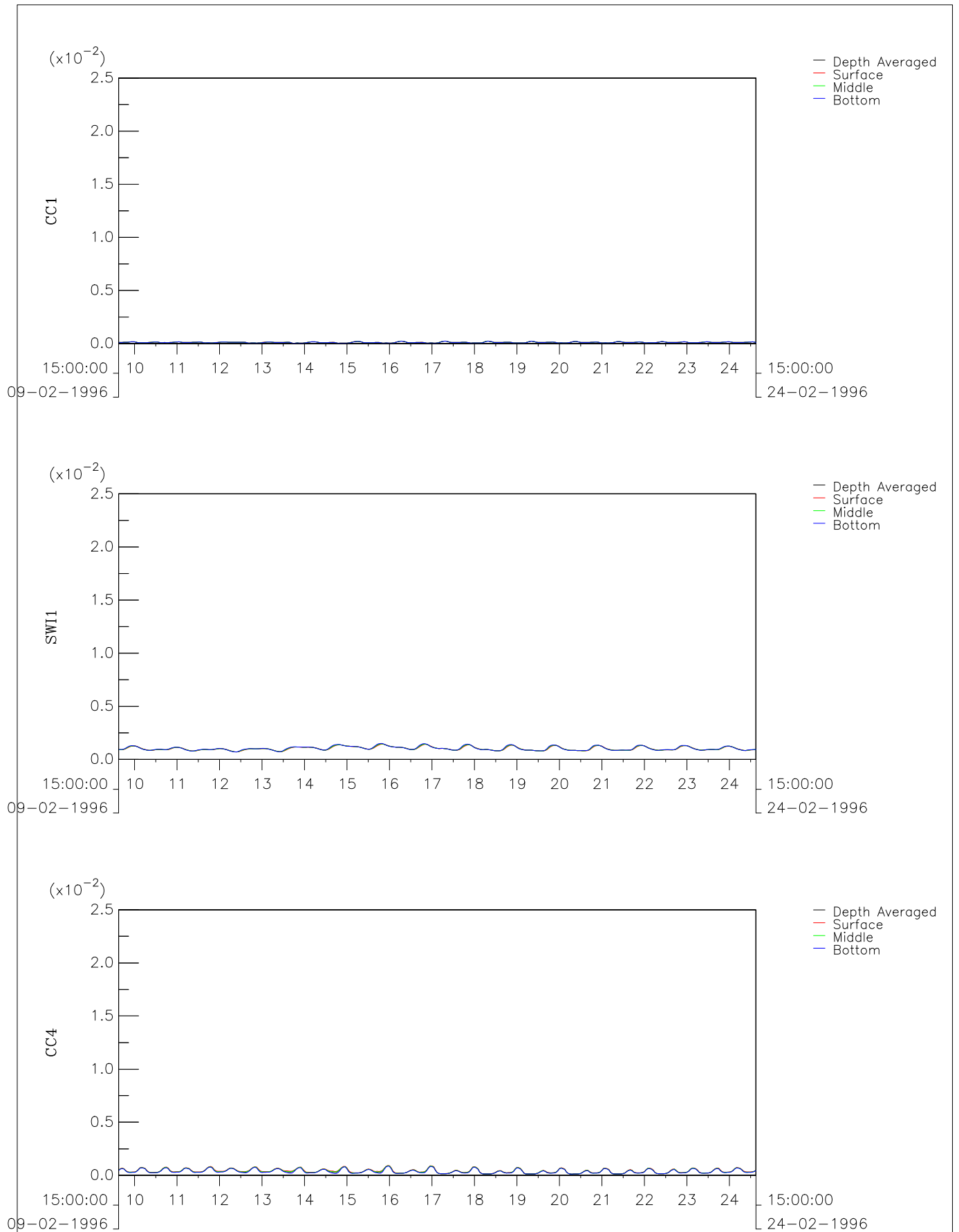
CBL Only

Drawing: S1a–As–Dry–Map

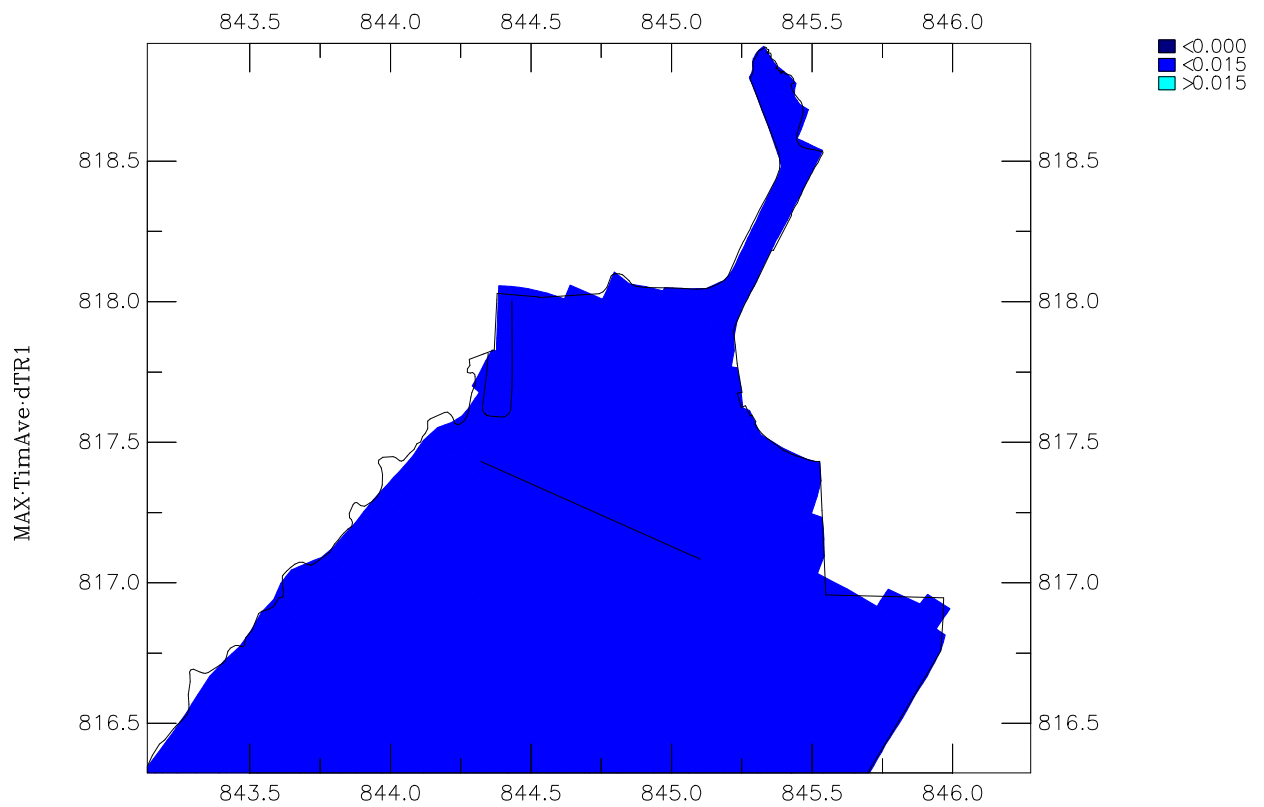
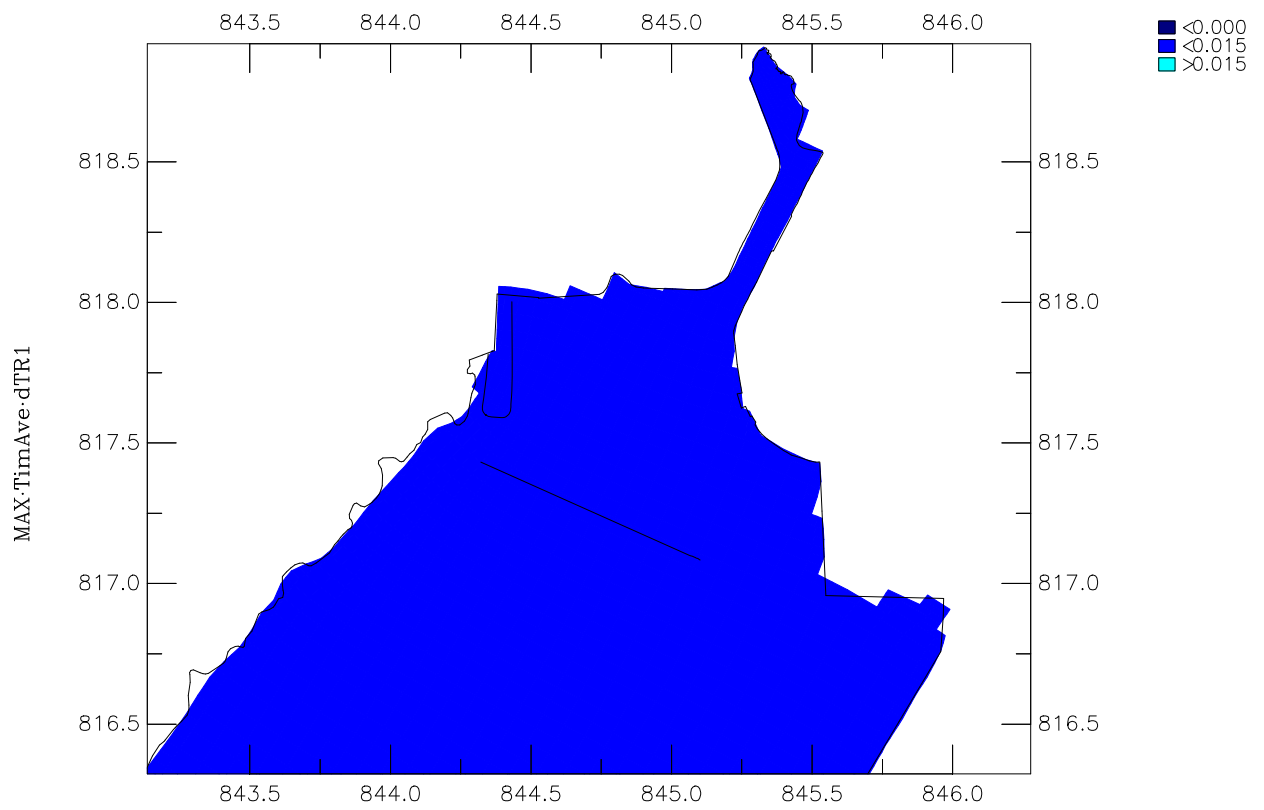
Arup



Arsenic (Scenario 1a) (mg/L) CC2, CC3 and CC13	Dry Season	CBL Only
	Drawing: S1a-As-Dry-His	
Arup		



Arsenic (Scenario 1a) (mg/L) CC1, SWI1 and CC4	Dry Season	CBL Only
	Drawing: S1a-As-Dry-His2	
Arup		



Extent of Cr Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

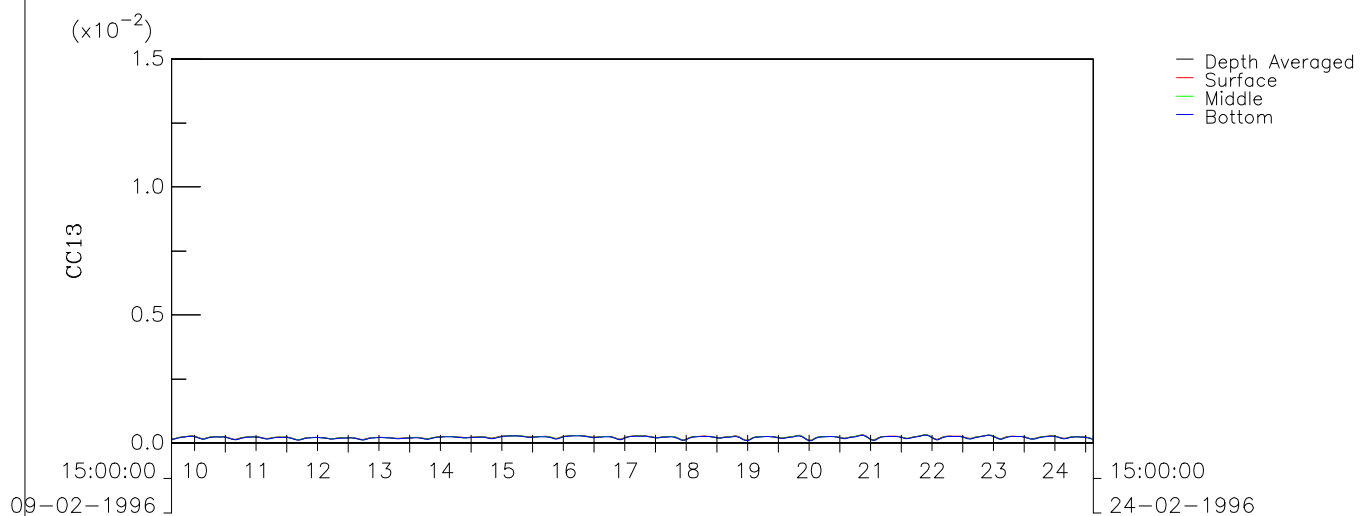
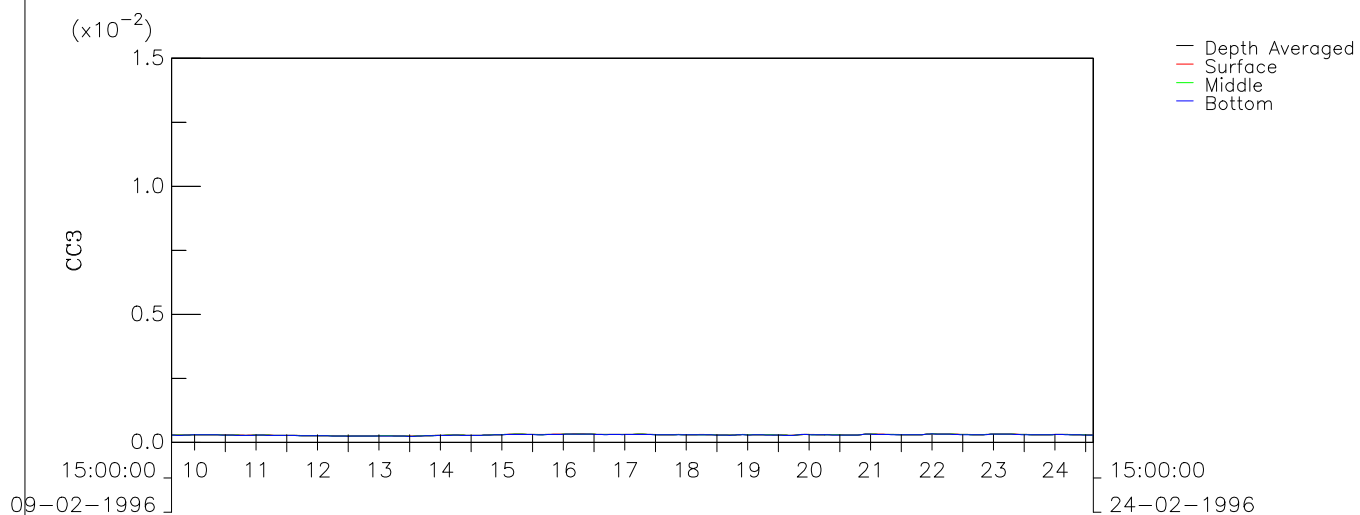
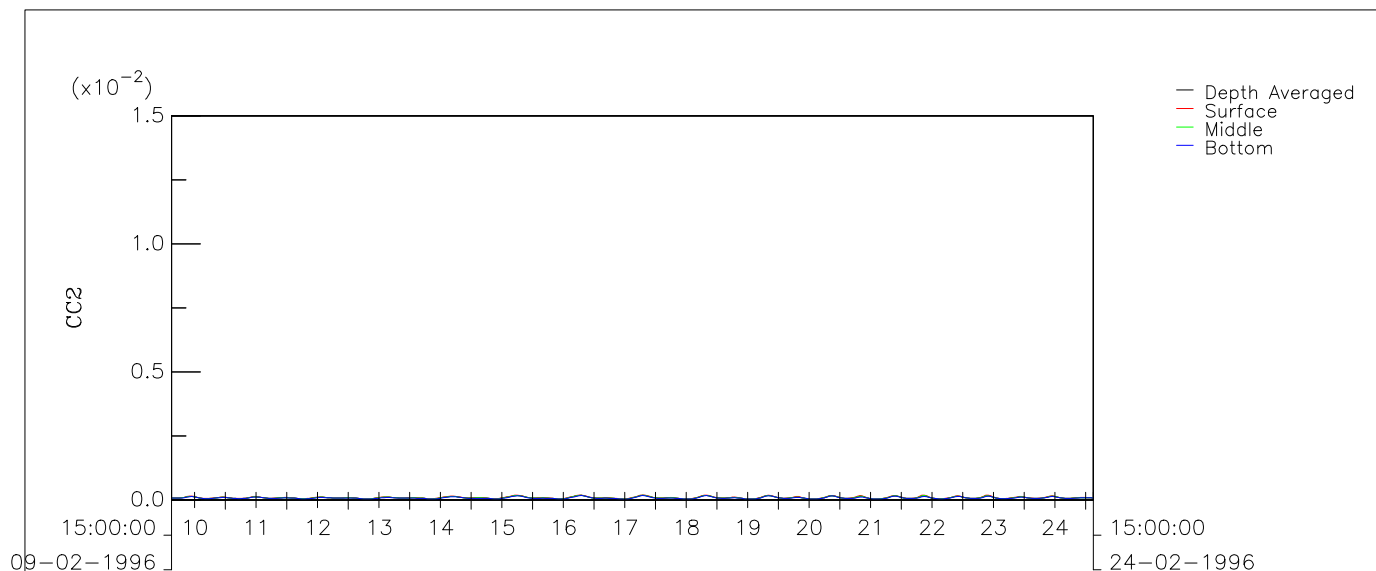
L – Lower Layer

Dry Season

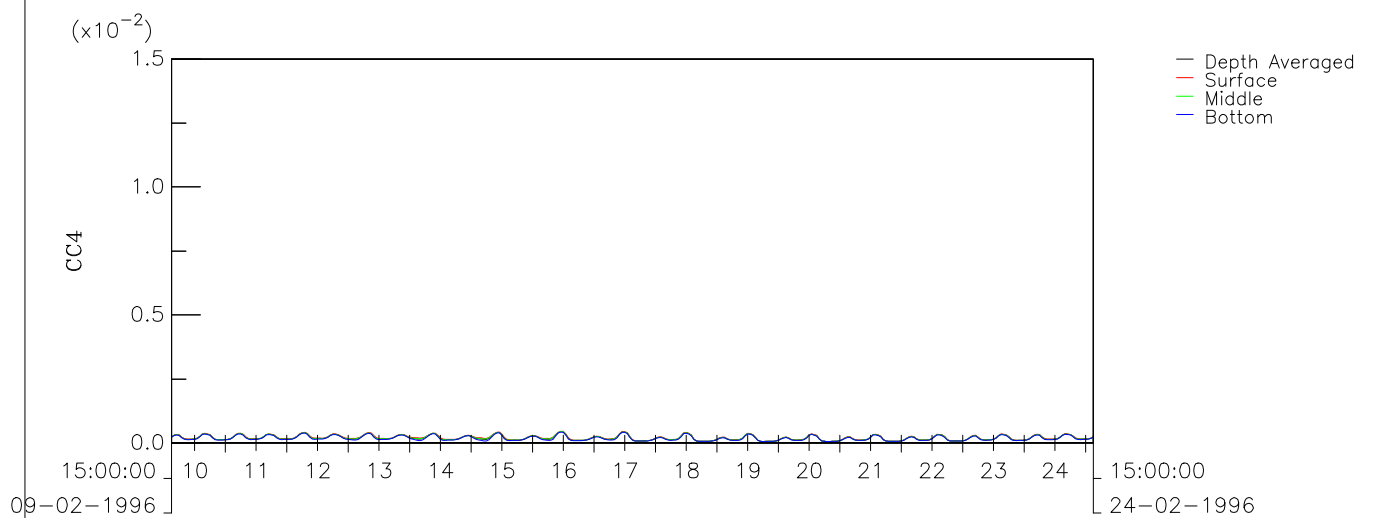
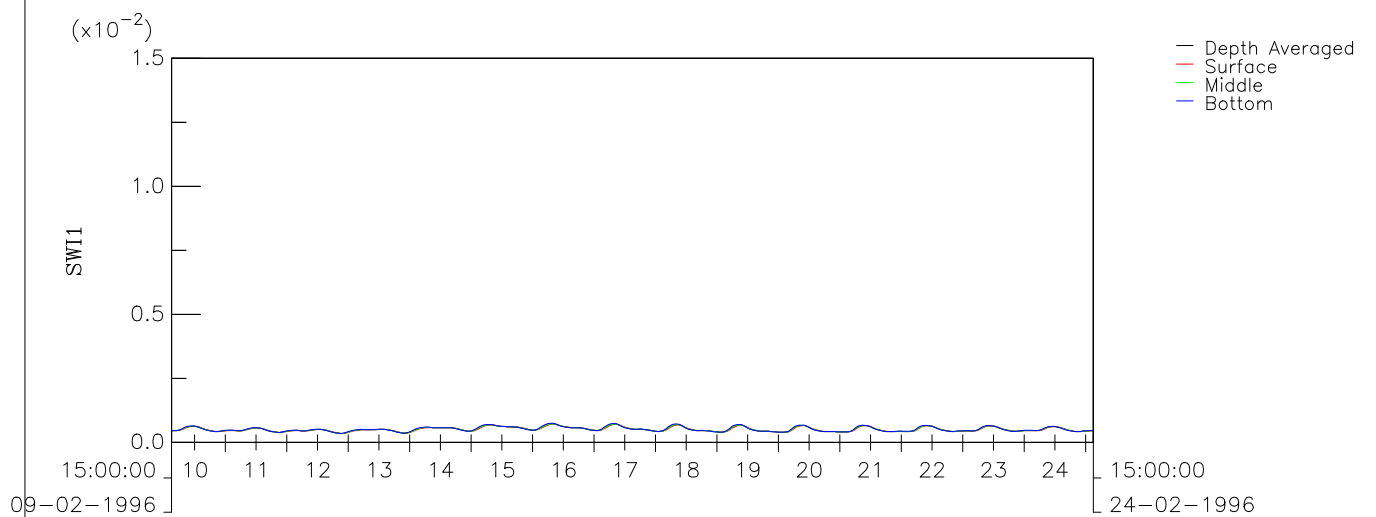
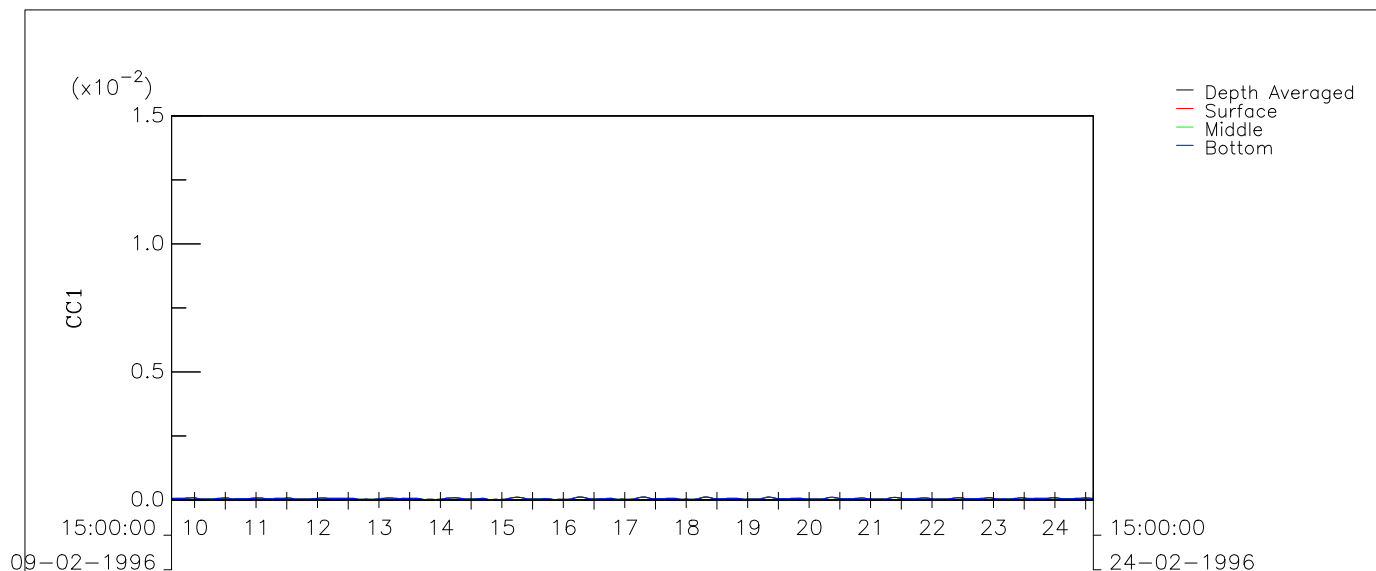
CBL Only

Drawing: S1a–Cr–Dry–Map

Arup



Chromium (Scenario 1a) (mg/L) CC2, CC3 and CC13	Dry Season	CBL Only
	Drawing: S1a-Cr-Dry-His	
Arup		



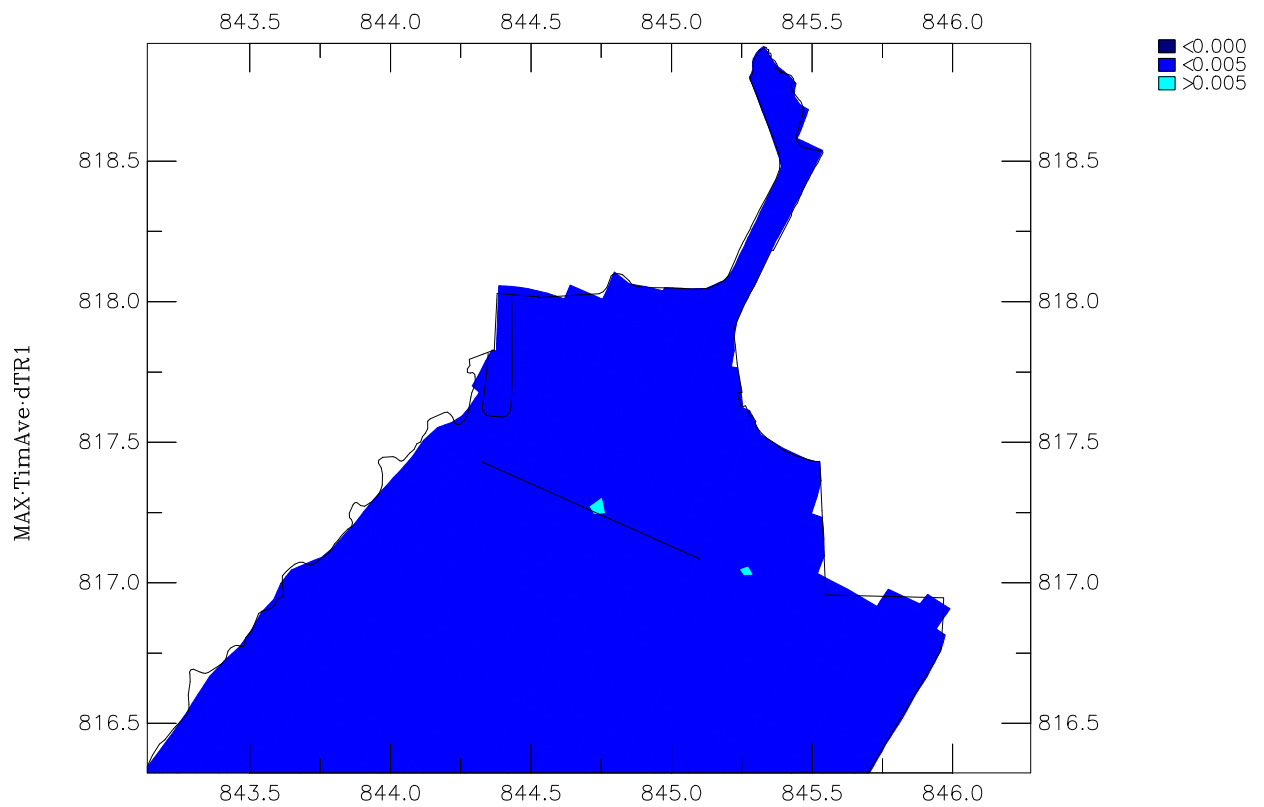
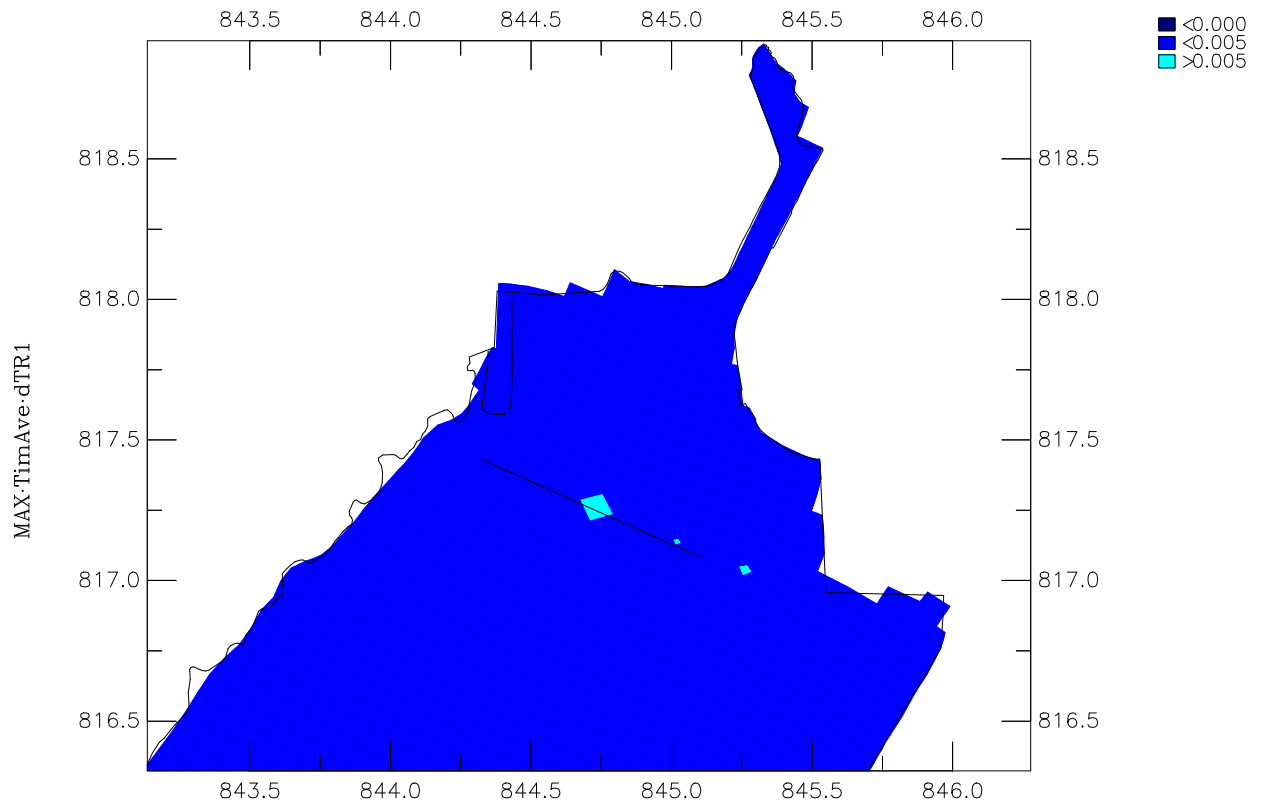
Chromium (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Dry Season

CBL Only

Drawing: S1a-Cr-Dry-His2

Arup



Extent of Cu Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

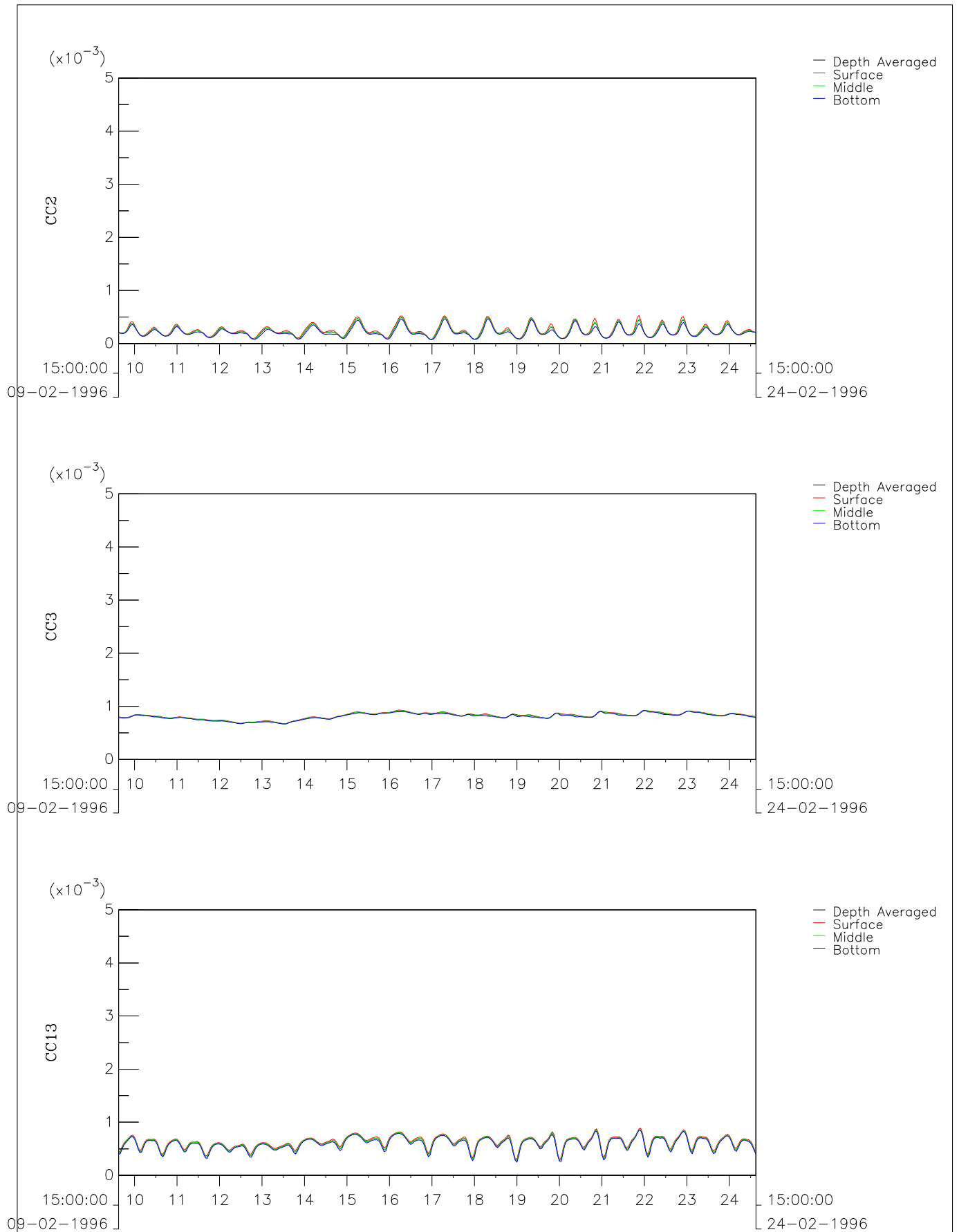
L – Lower Layer

Dry Season

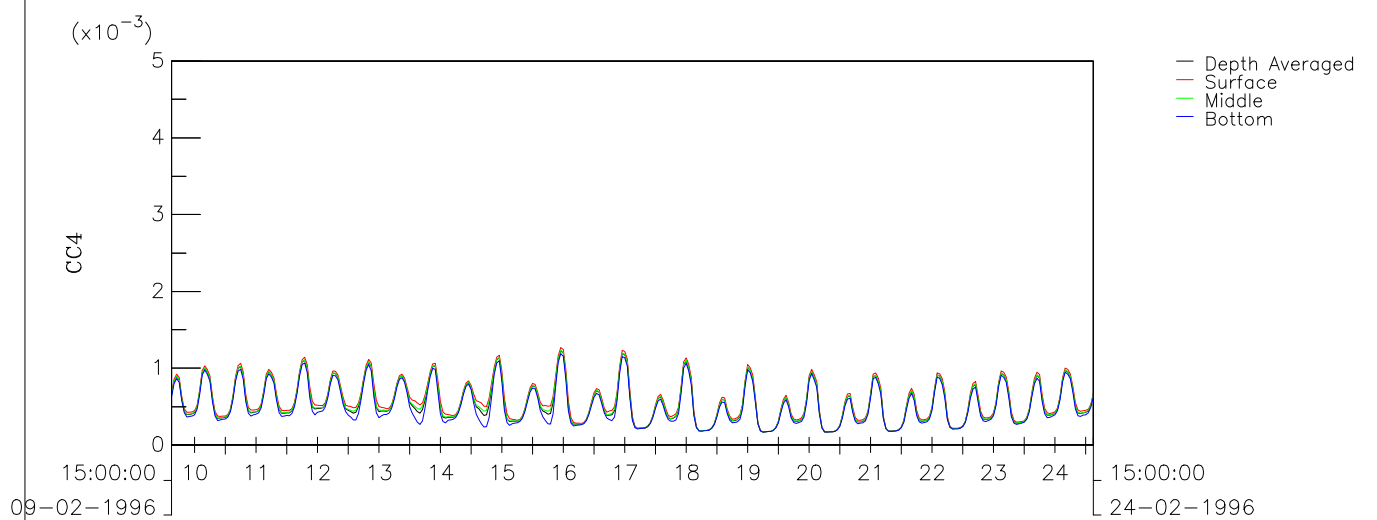
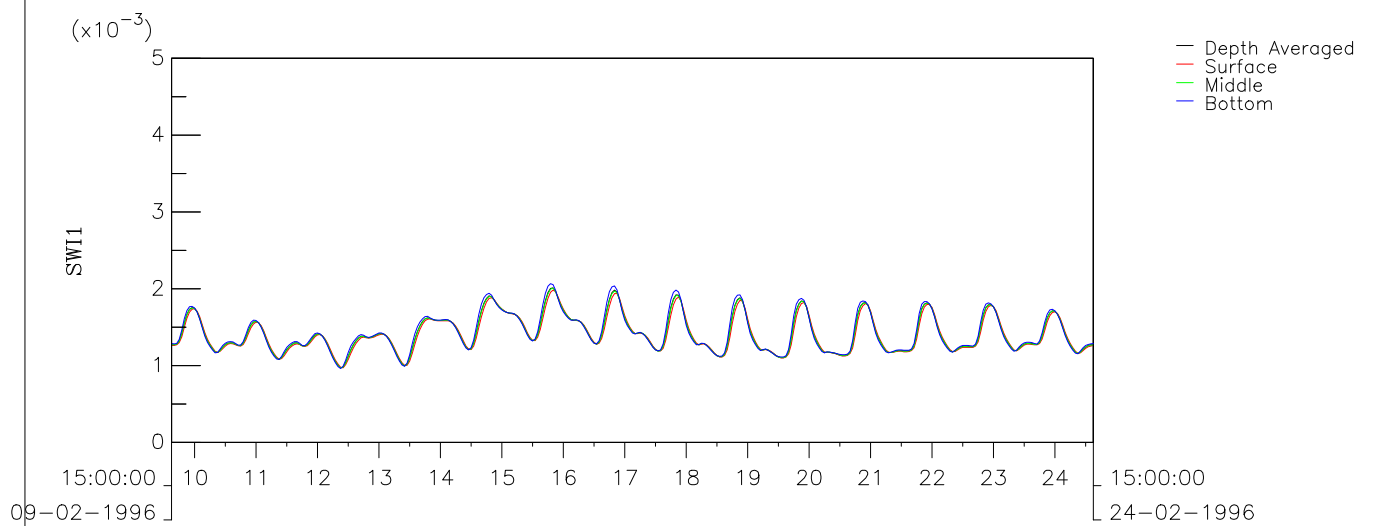
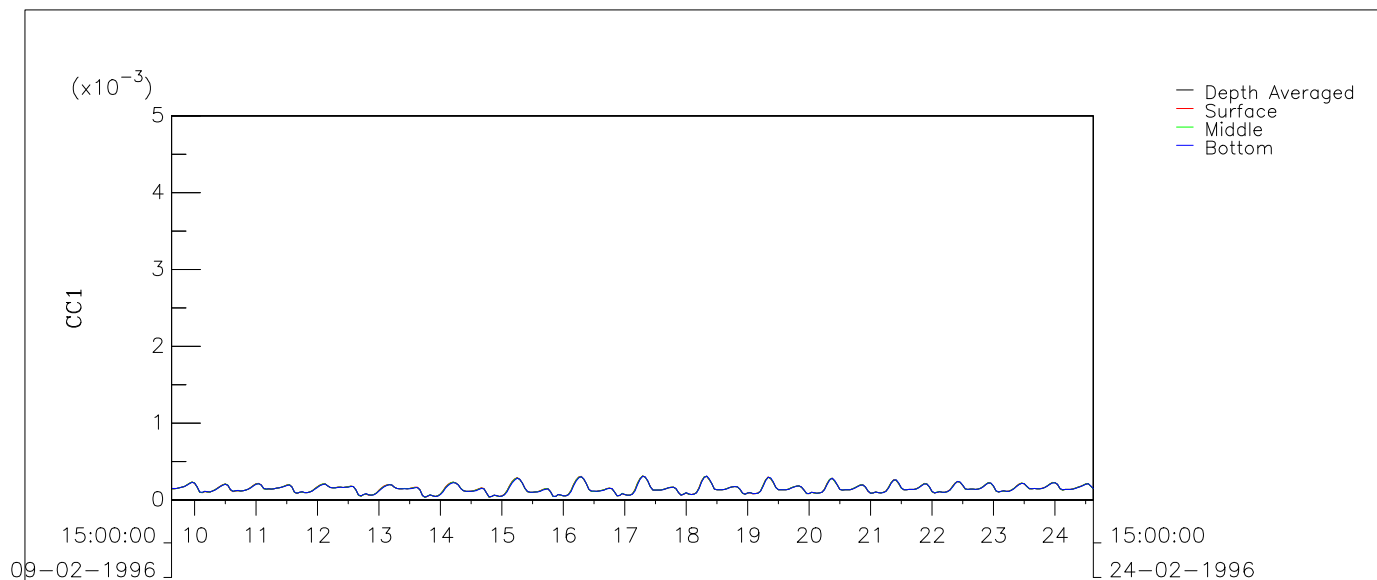
CBL Only

Drawing: S1a–Cu–Dry–Map

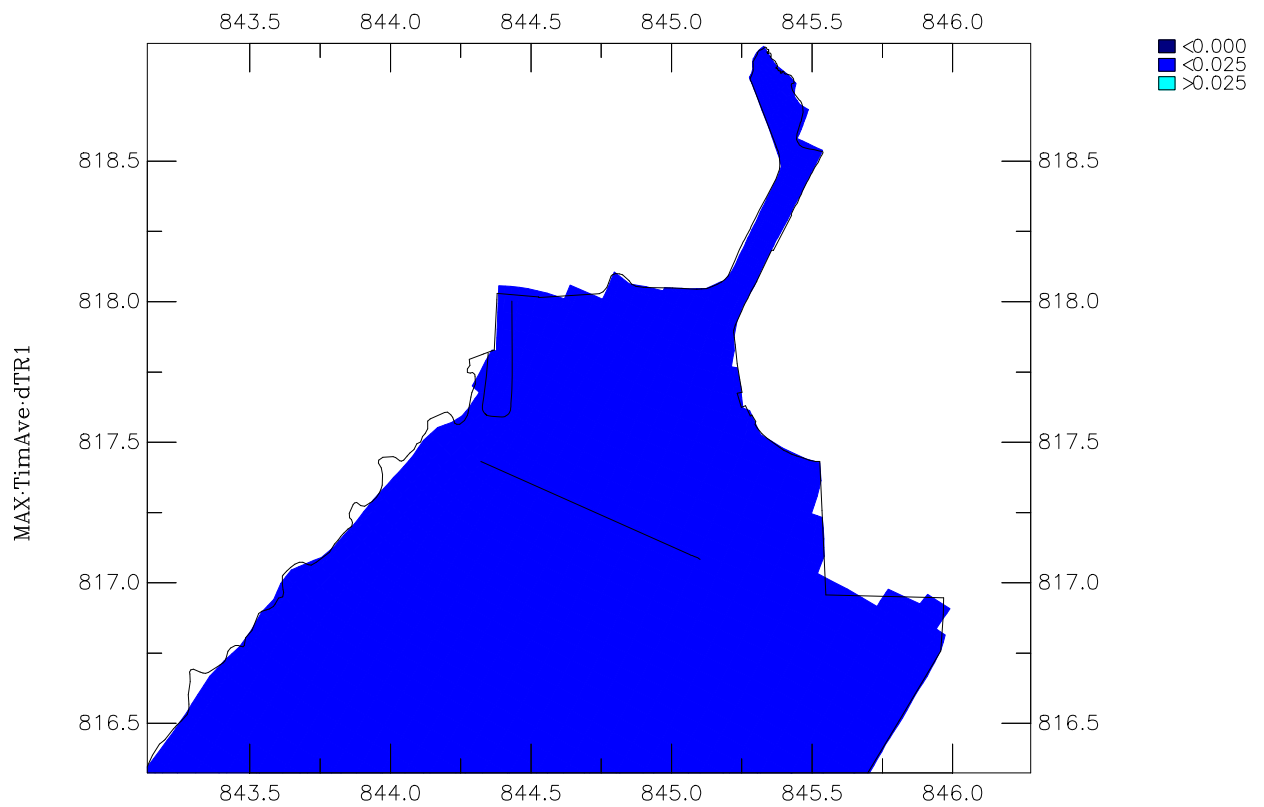
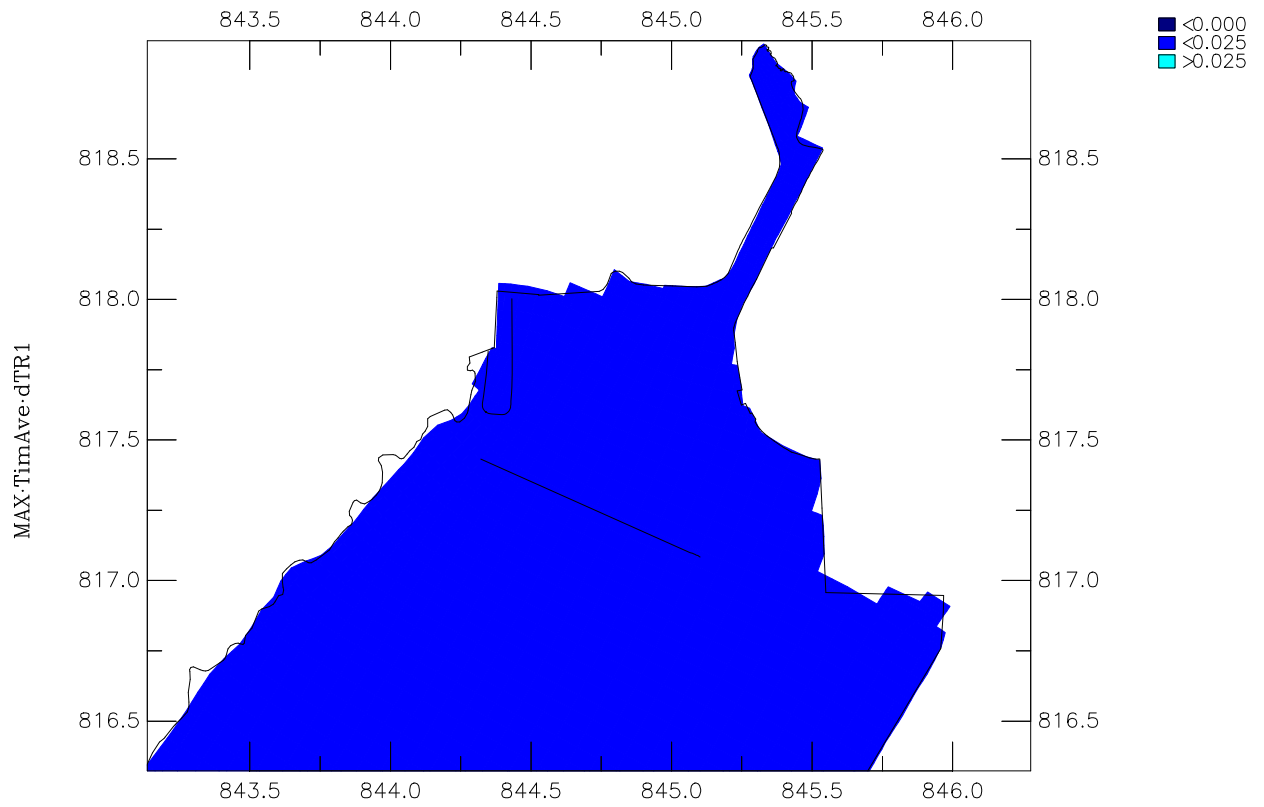
Arup



Copper (Scenario 1a) (mg/L) CC2, CC3 and CC13	Dry Season	CBL Only
	Drawing: S1a-Cu-Dry-His	
Arup		



Copper (Scenario 1a) (mg/L) CC1, SWI1 and CC4	Dry Season	CBL Only
	Drawing: S1a-Cu-Dry-His2	
Arup		



Extent of Pb Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

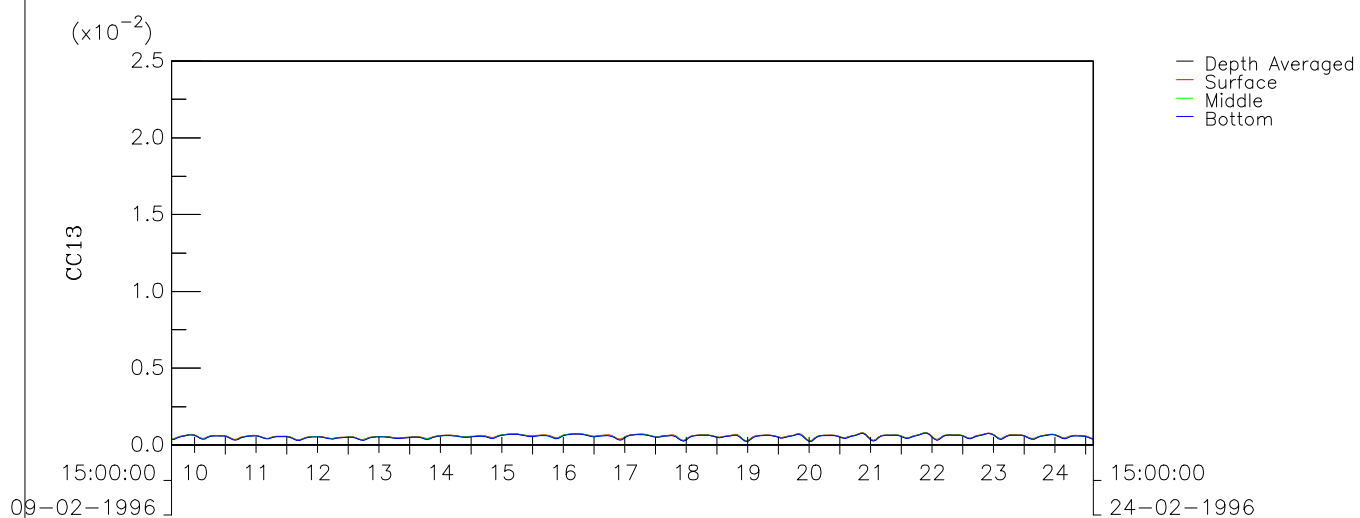
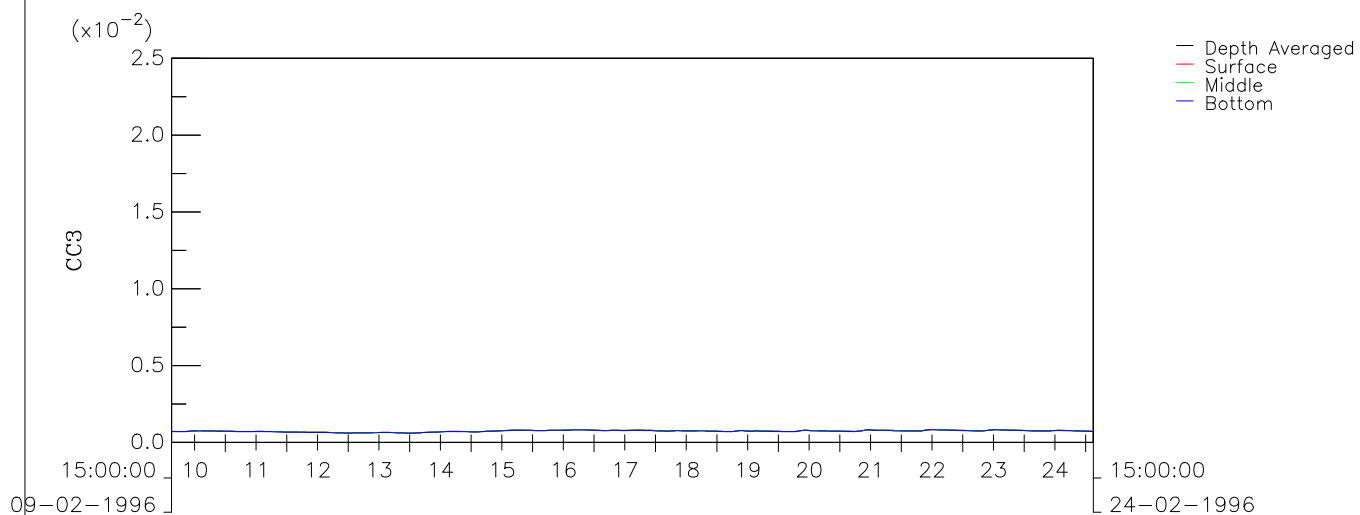
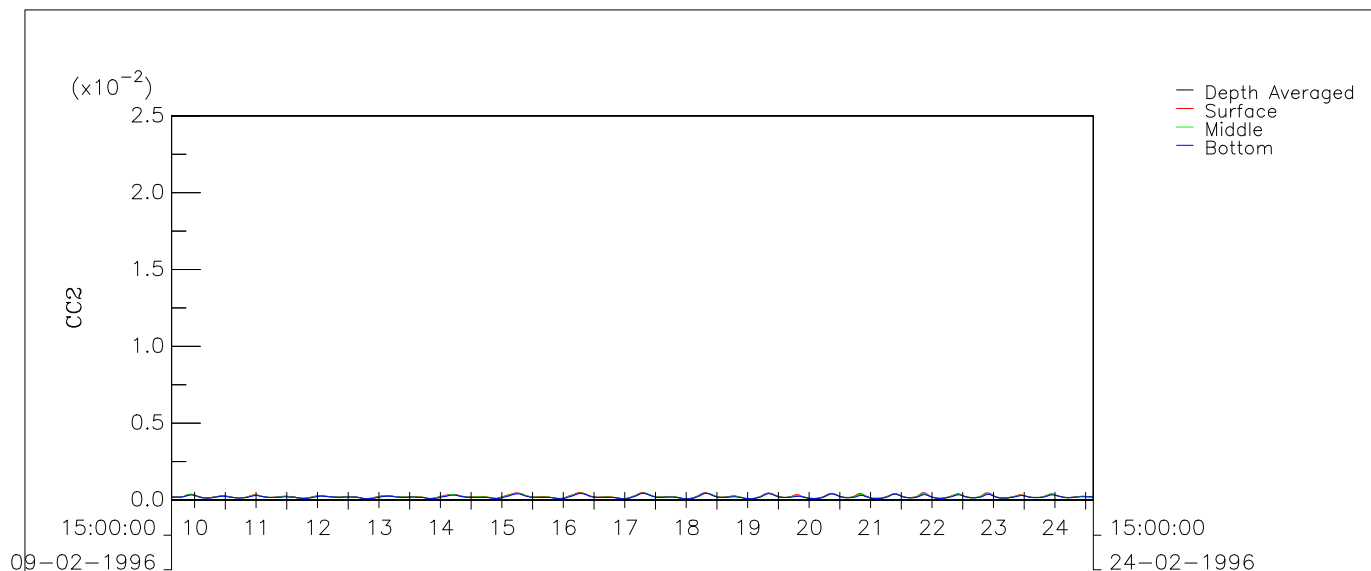
L – Lower Layer

Dry Season

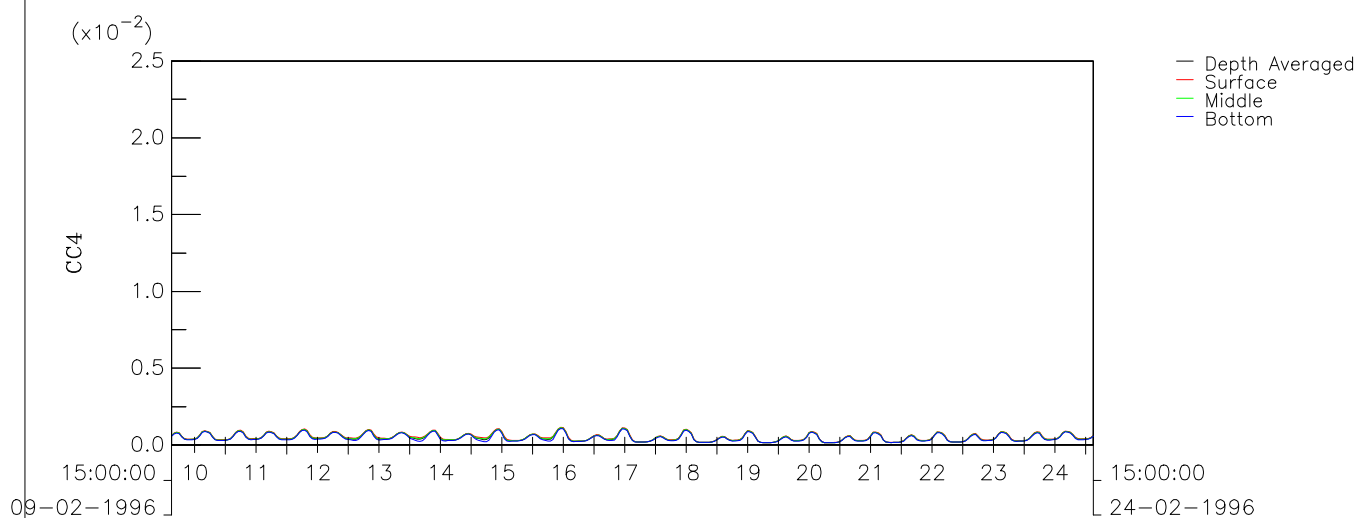
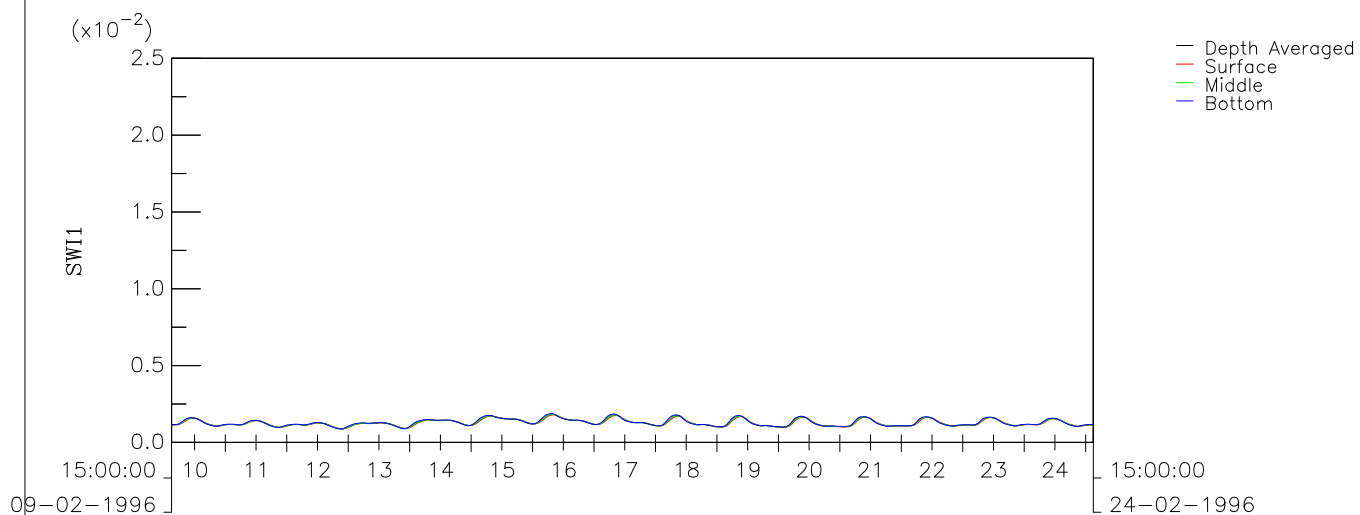
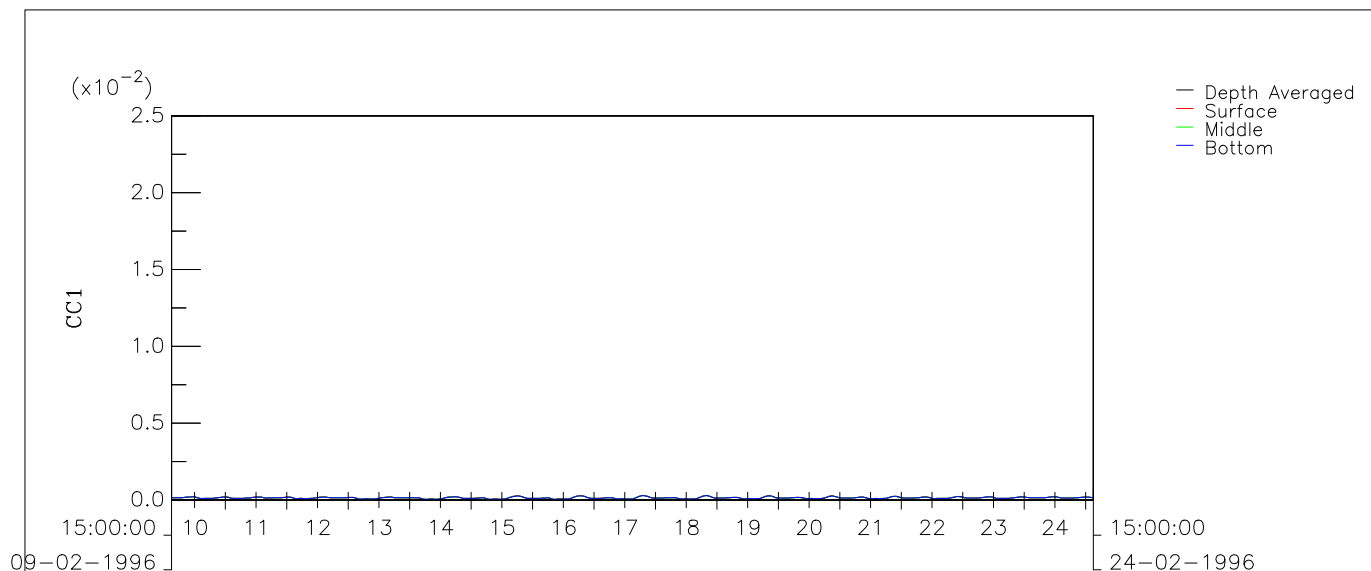
CBL Only

Drawing: S1a–Pb–Dry–Map

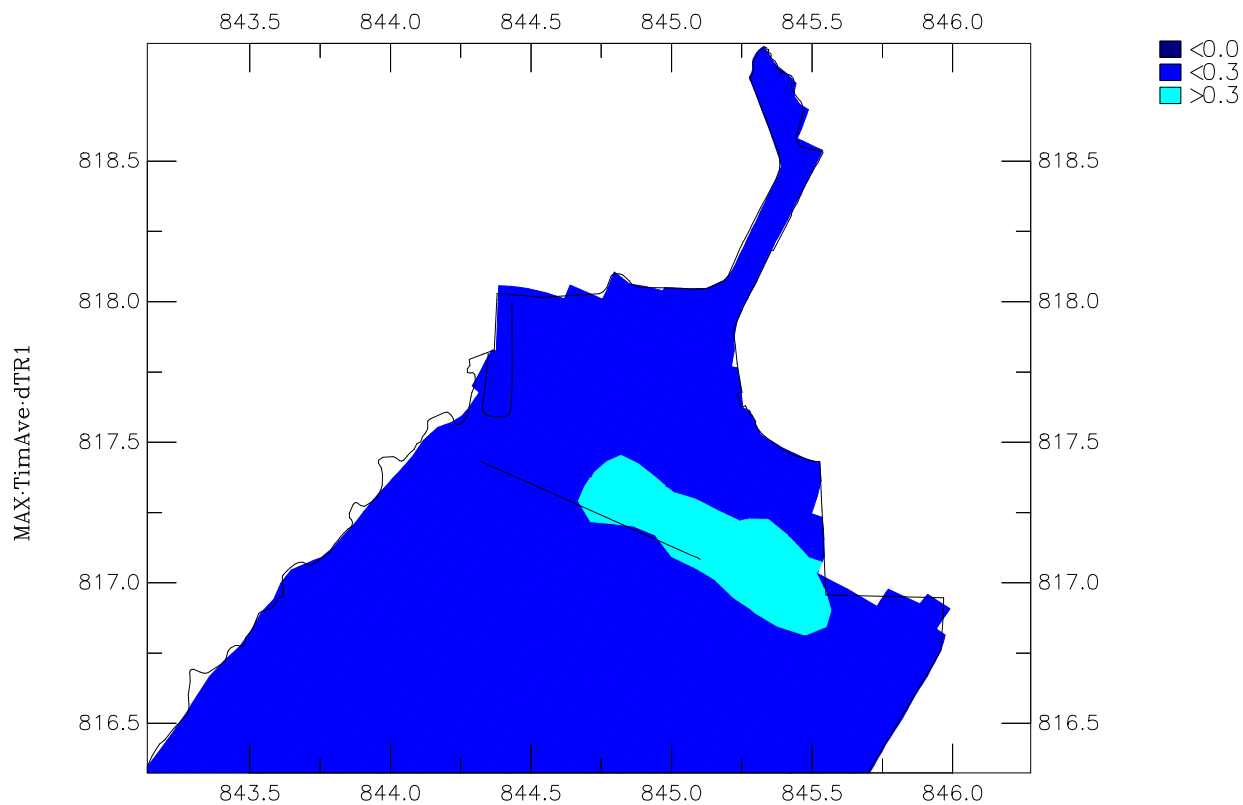
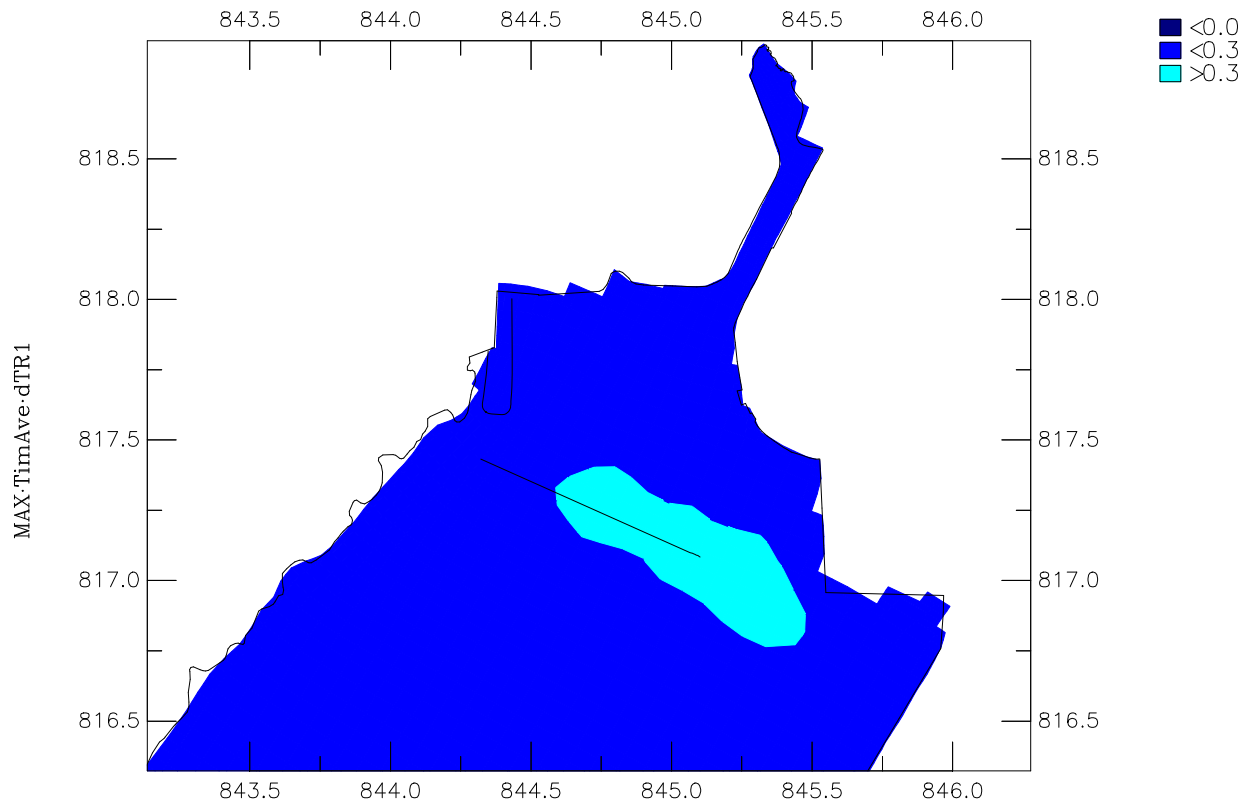
Arup



Lead (Scenario 1a) (mg/L) CC2, CC3 and CC13	Dry Season	CBL Only
	Drawing: S1a-Pb-Dry-His	
Arup		



Lead (Scenario 1a) (mg/L) CC1, SWI1 and CC4	Dry Season	CBL Only
	Drawing: S1a-Pb-Dry-His2	
Arup		



Extent of TIN Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

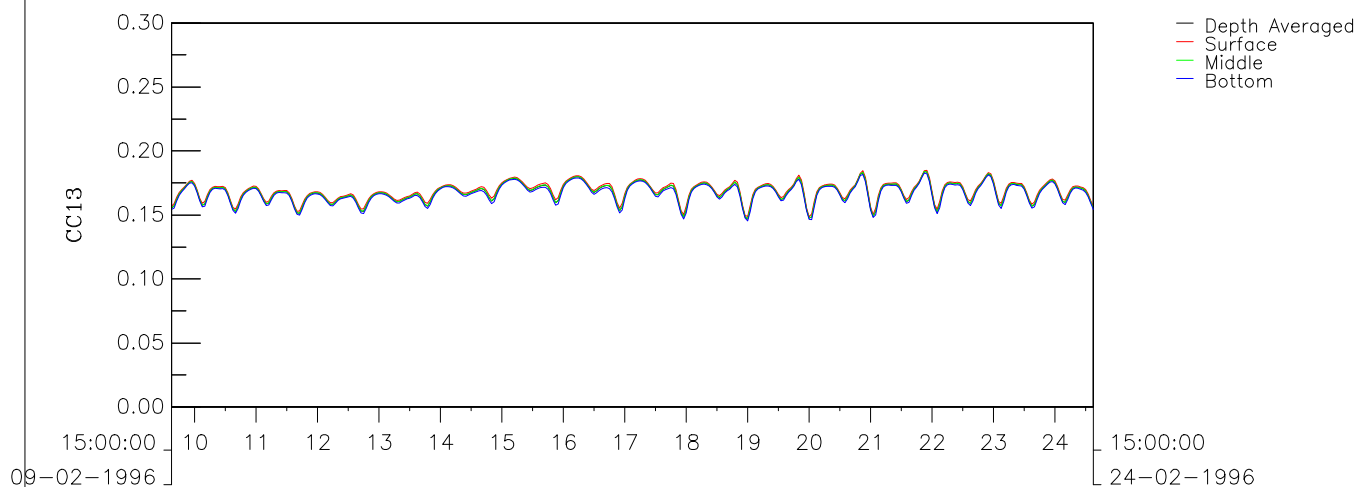
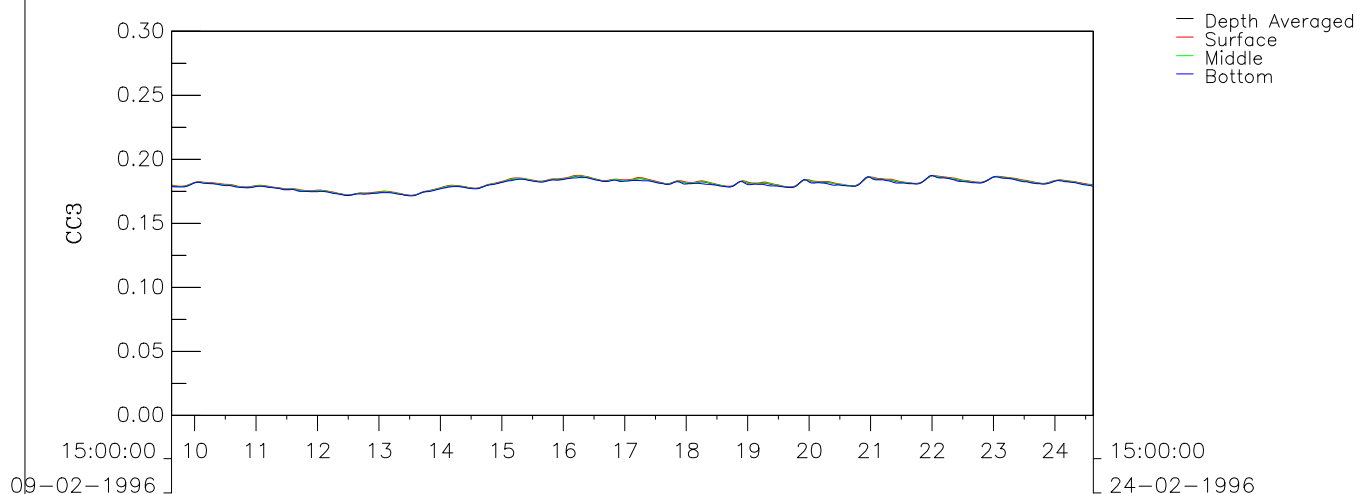
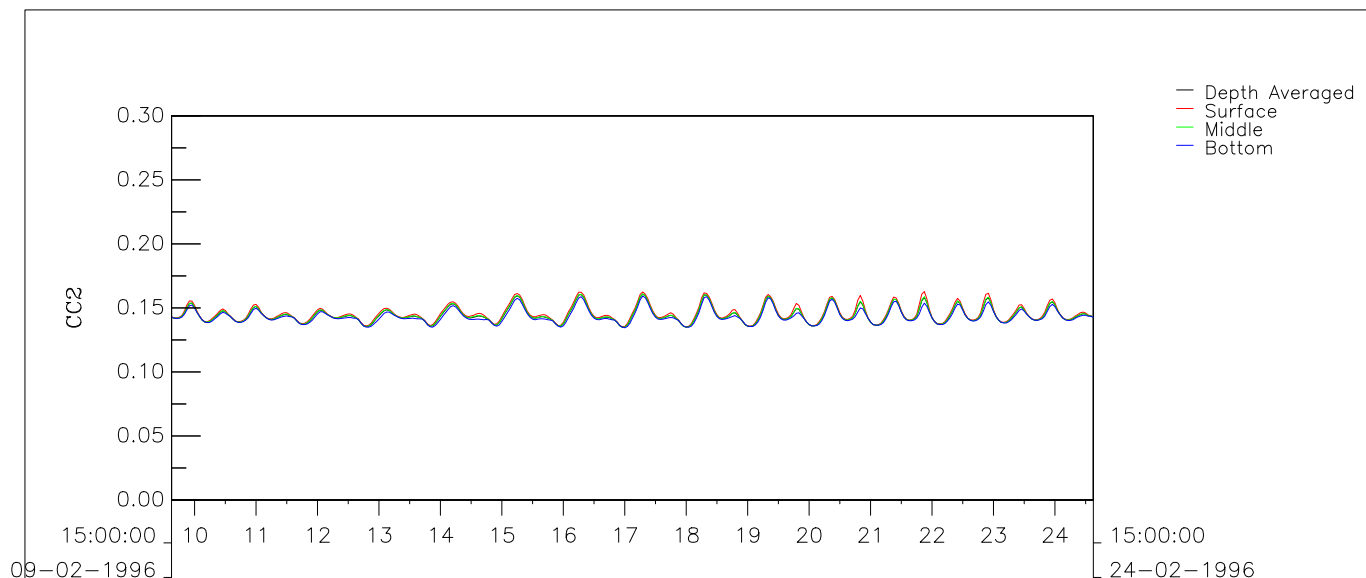
L – Lower Layer

Dry Season

CBL Only

Drawing: S1a–TIN–Dry–Map

Arup



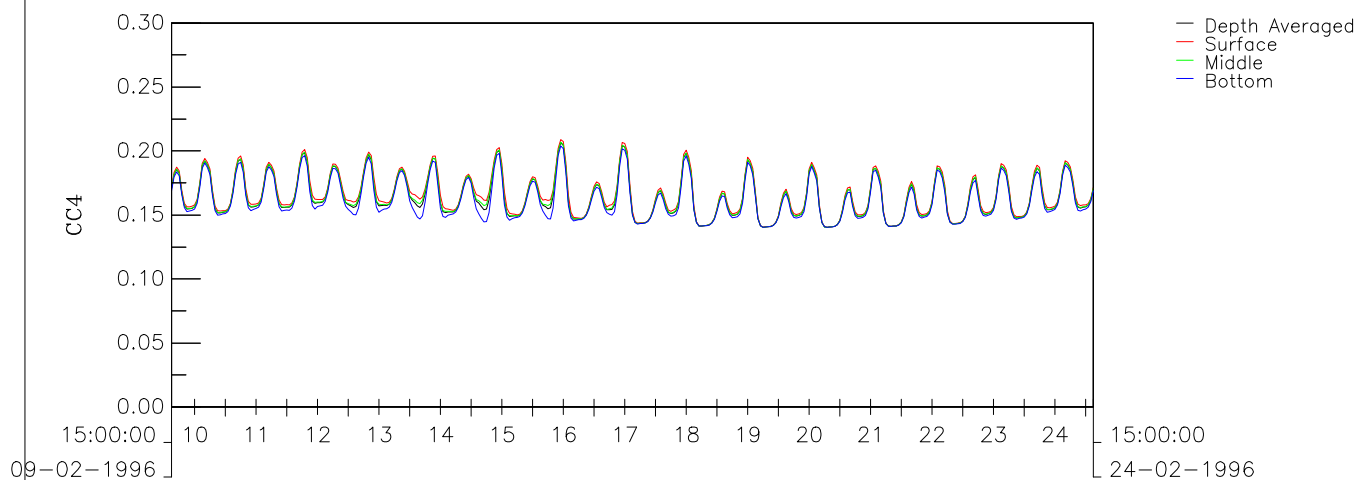
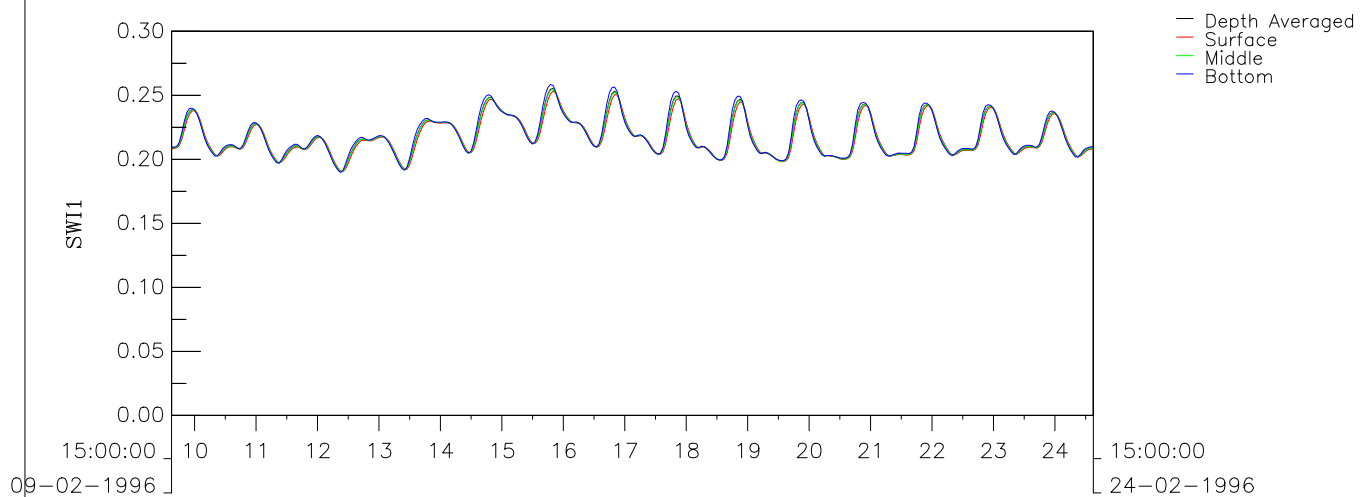
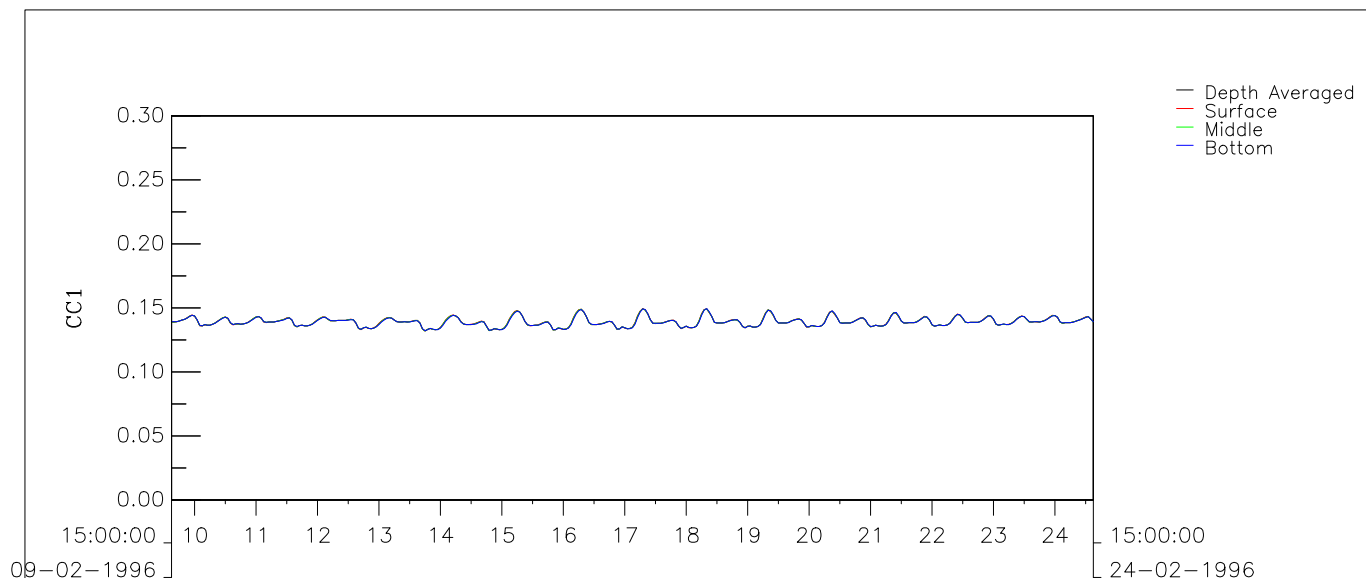
Total Inorganic Nitrogen (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Dry Season

CBL Only

Drawing: S1a-TIN-Dry-His

Arup



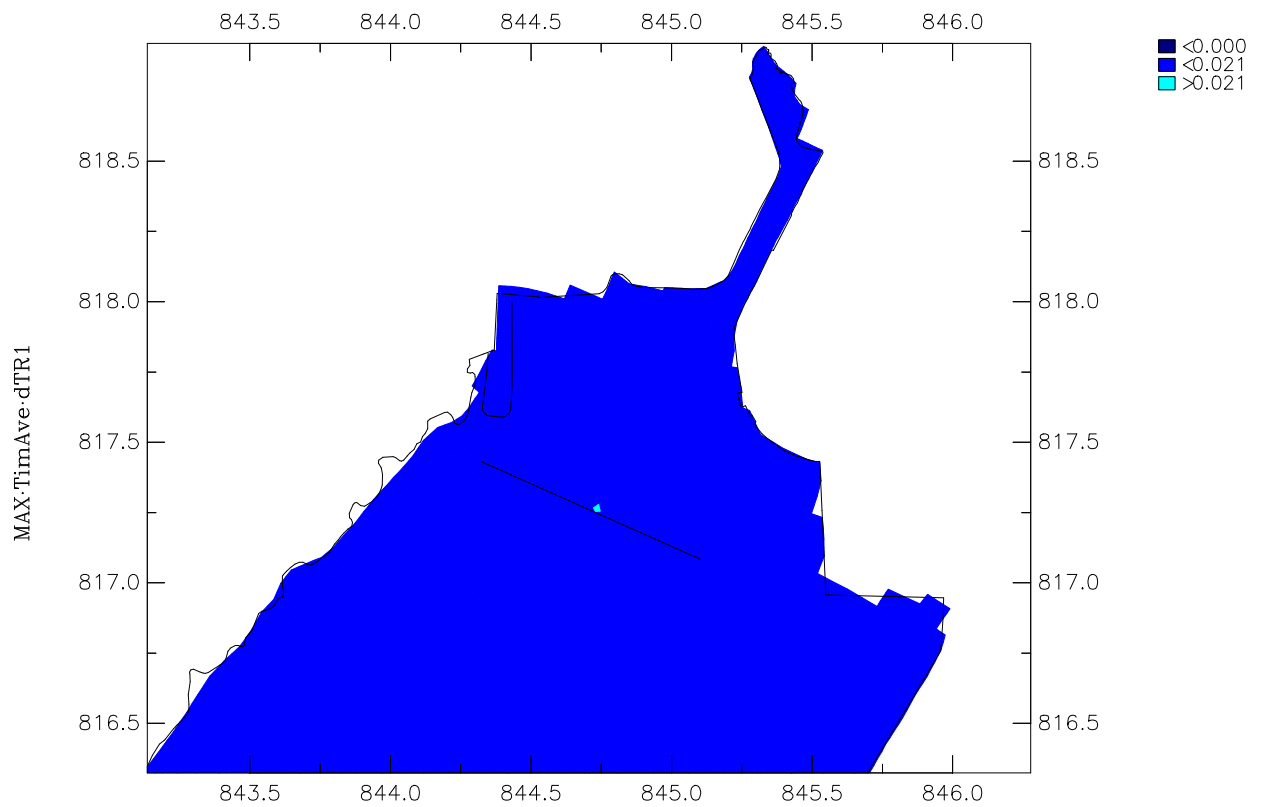
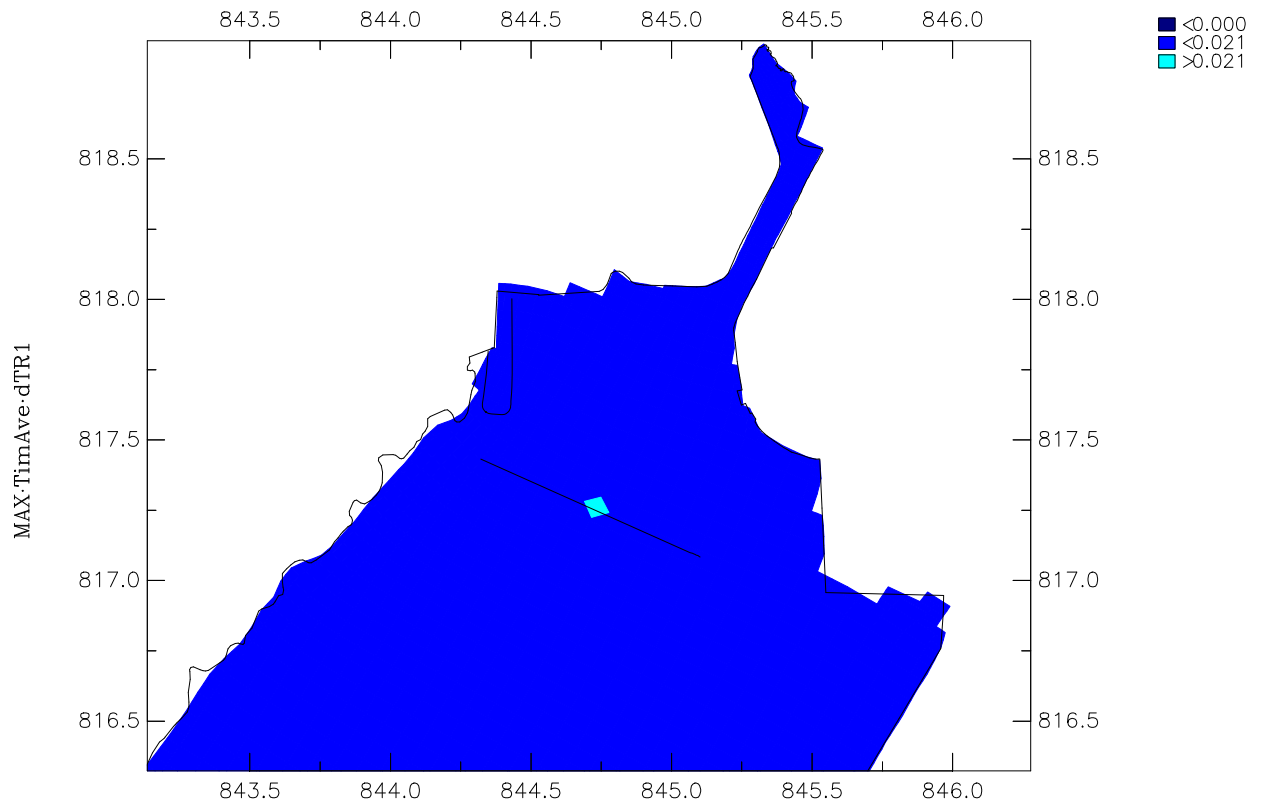
Total Inorganic Nitrogen (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Dry Season

CBL Only

Drawing: S1a-TIN-Dry-His2

Arup



Extent of UIA Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

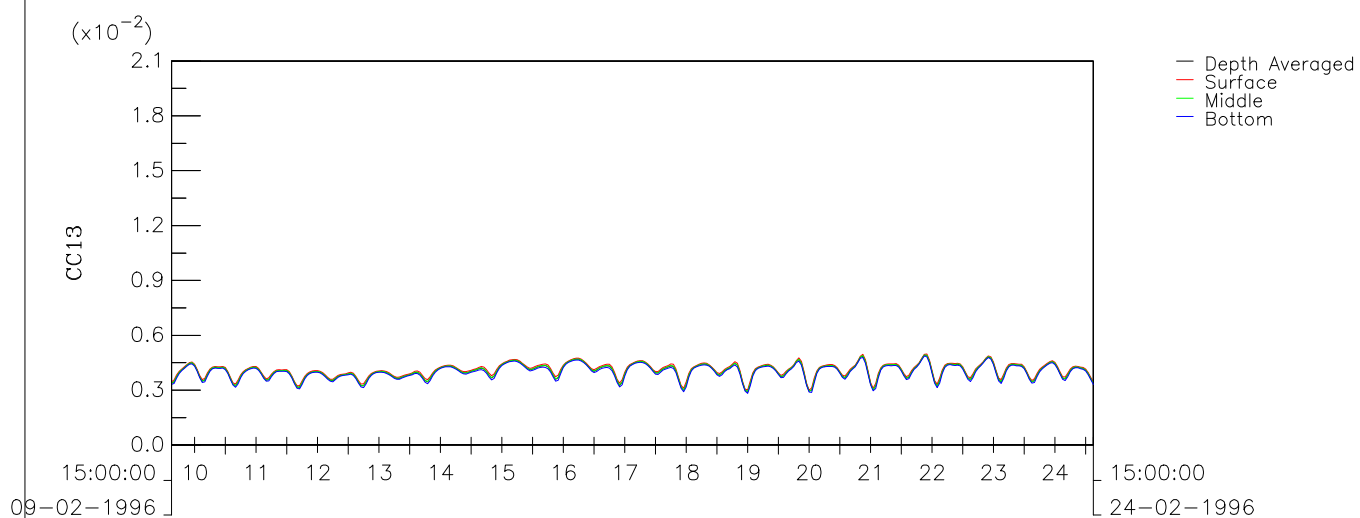
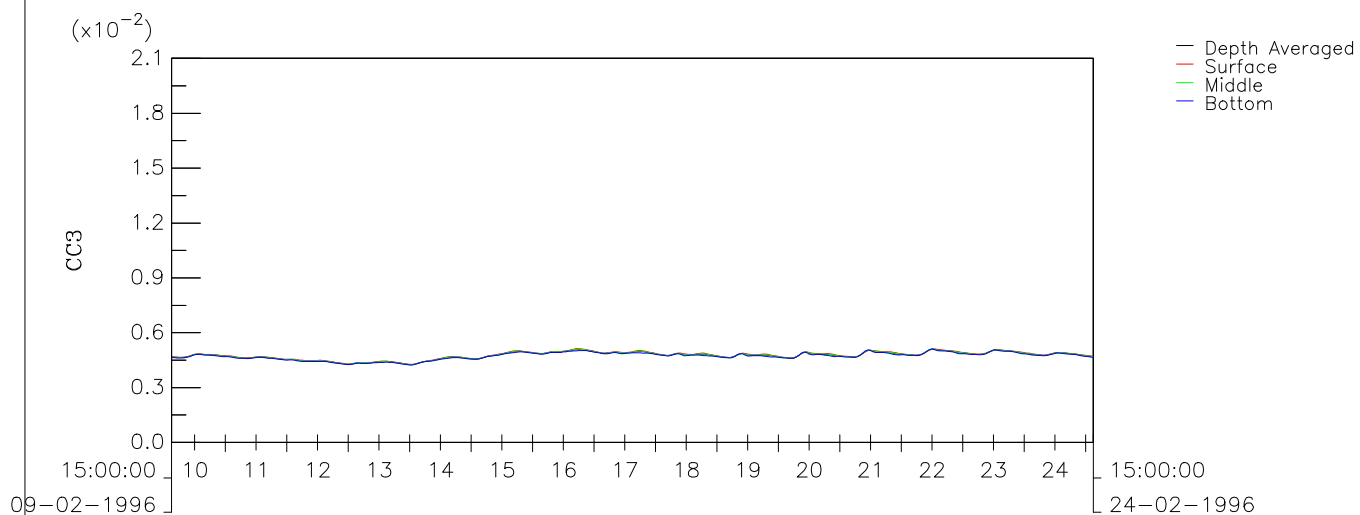
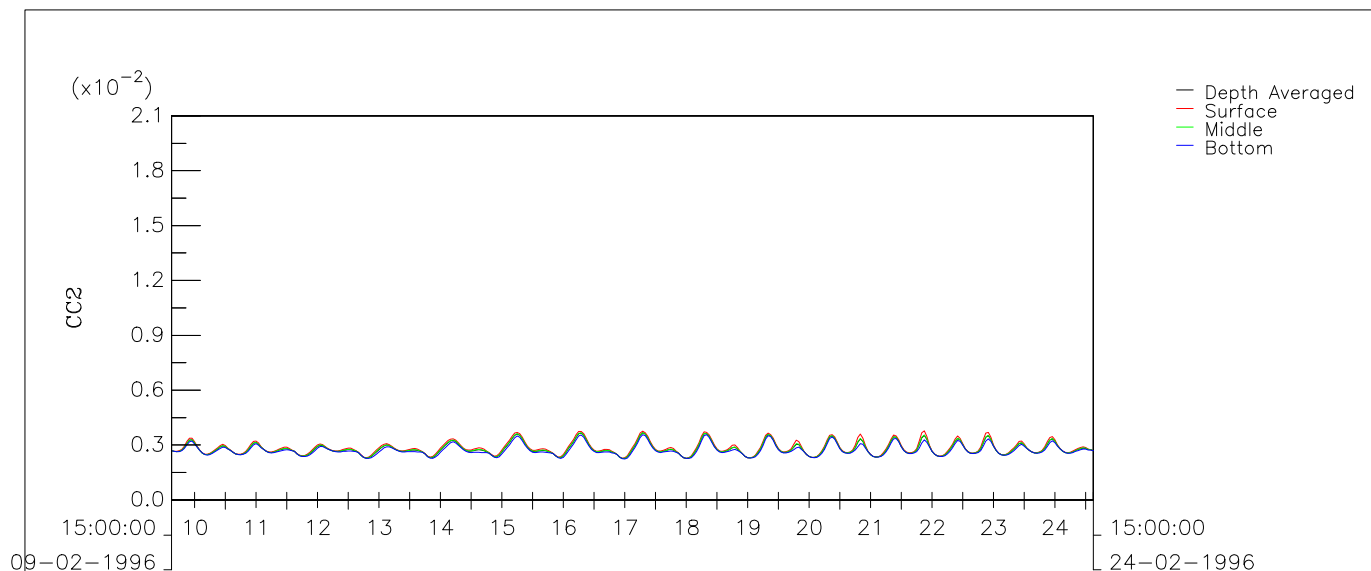
L – Lower Layer

Dry Season

CBL Only

Drawing: S1a–UIA–Dry–Map

Arup



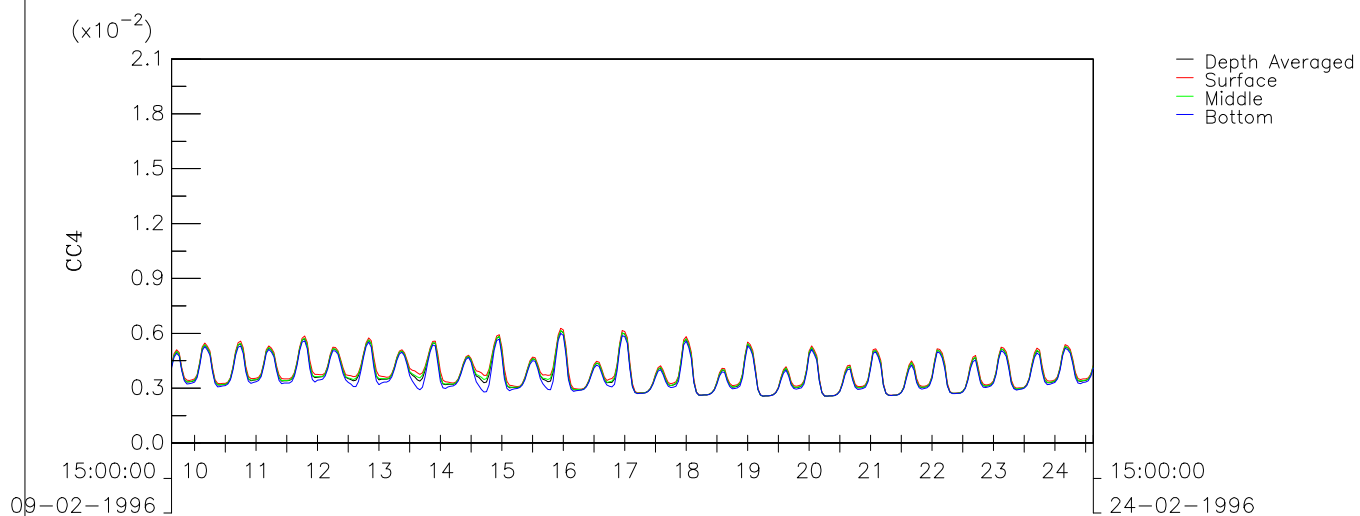
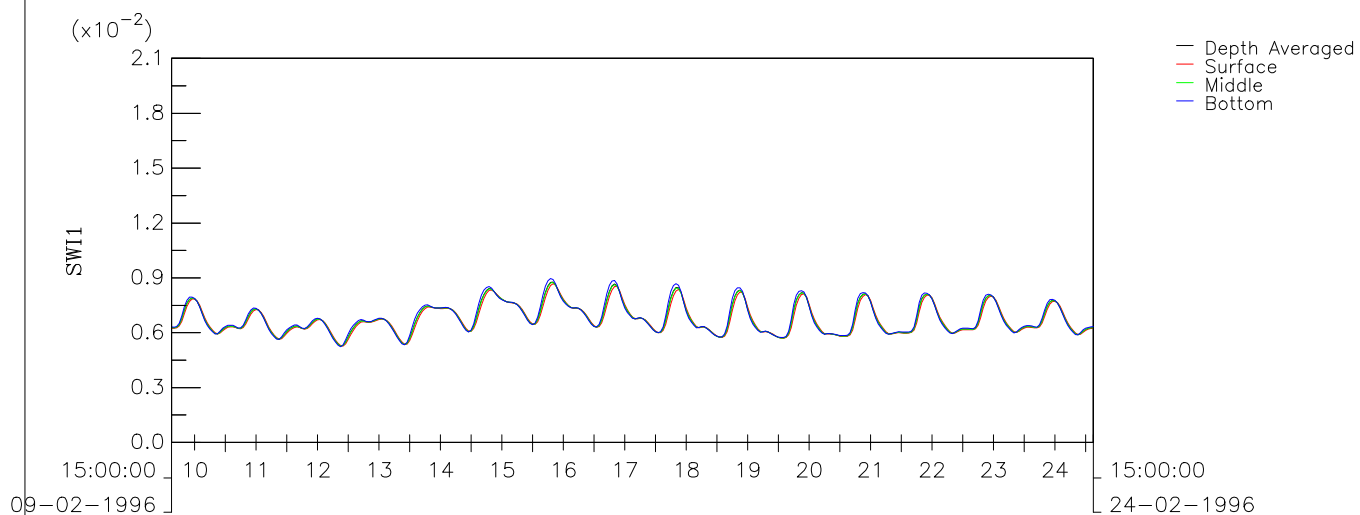
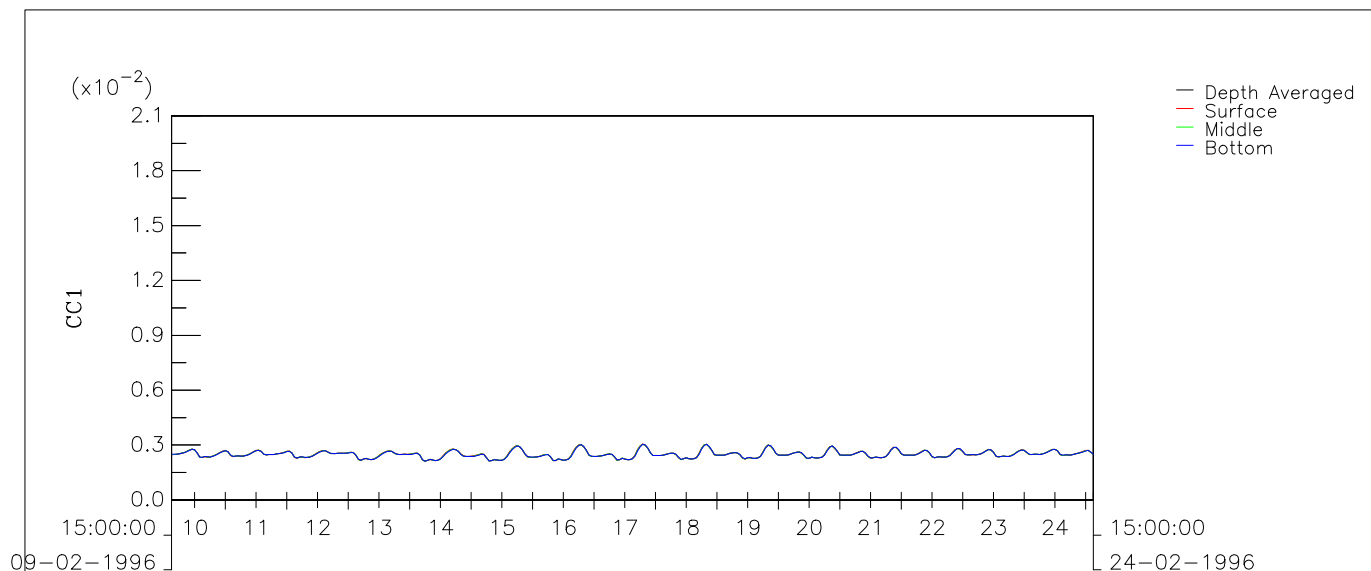
Unioned Inorganic Ammonia (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Dry Season

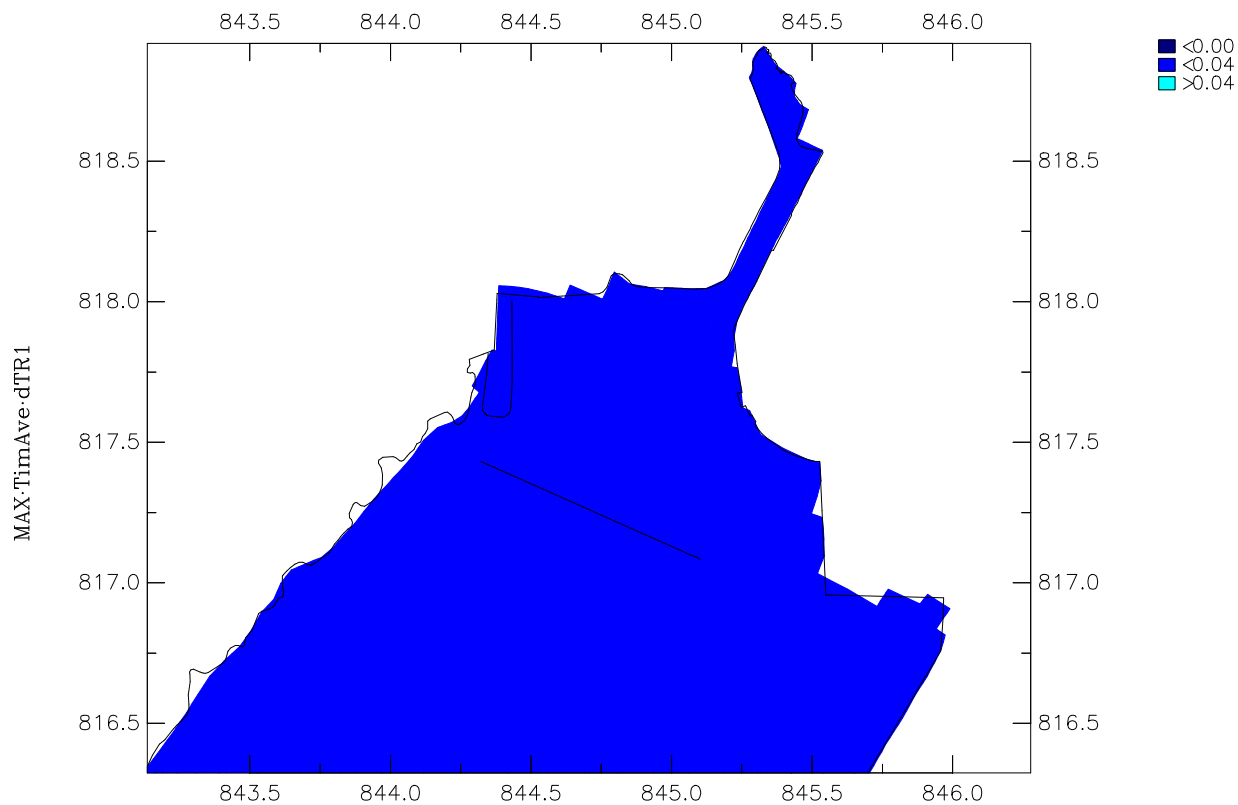
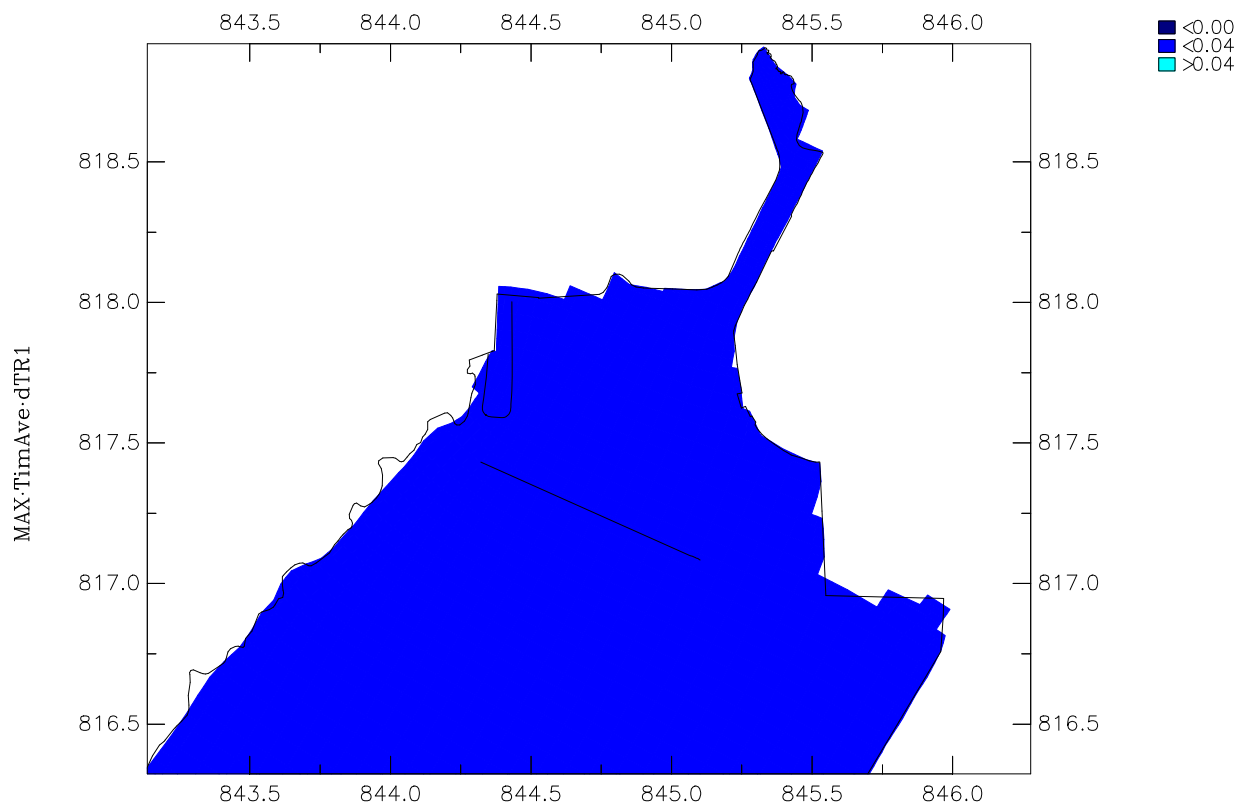
CBL Only

Drawing: S1a-UIA-Dry-His

Arup



Unioned Inorganic Ammonia (Scenario 1a) (mg/L) CC1, SWI1 and CC4	Dry Season	CBL Only
	Drawing: S1a-UIA-Dry-His2	
Arup		



Extent of Zn Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

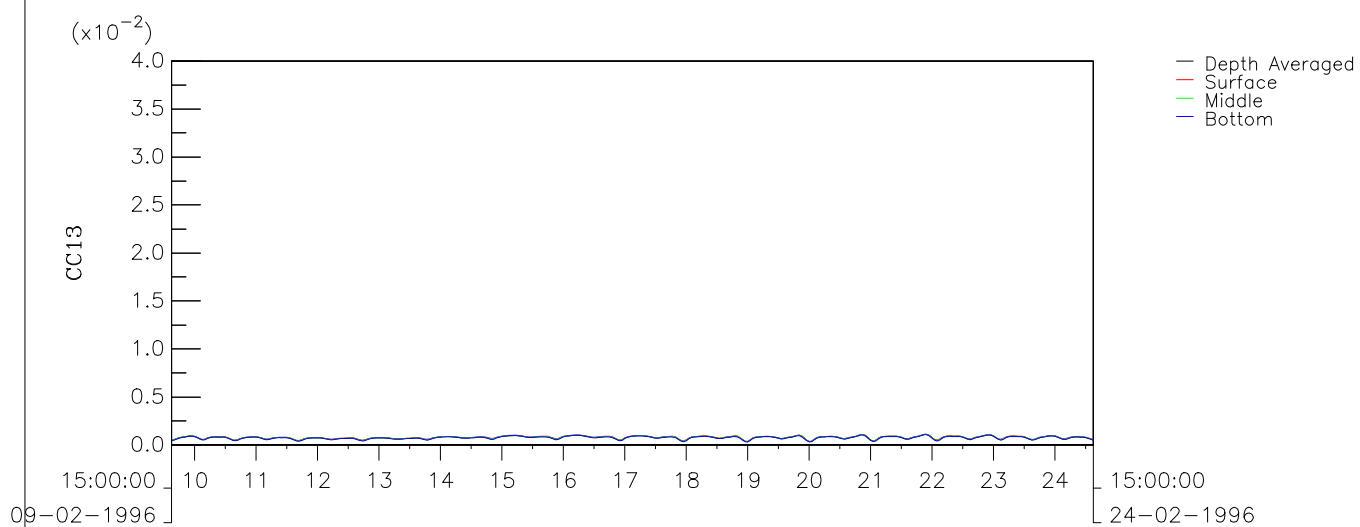
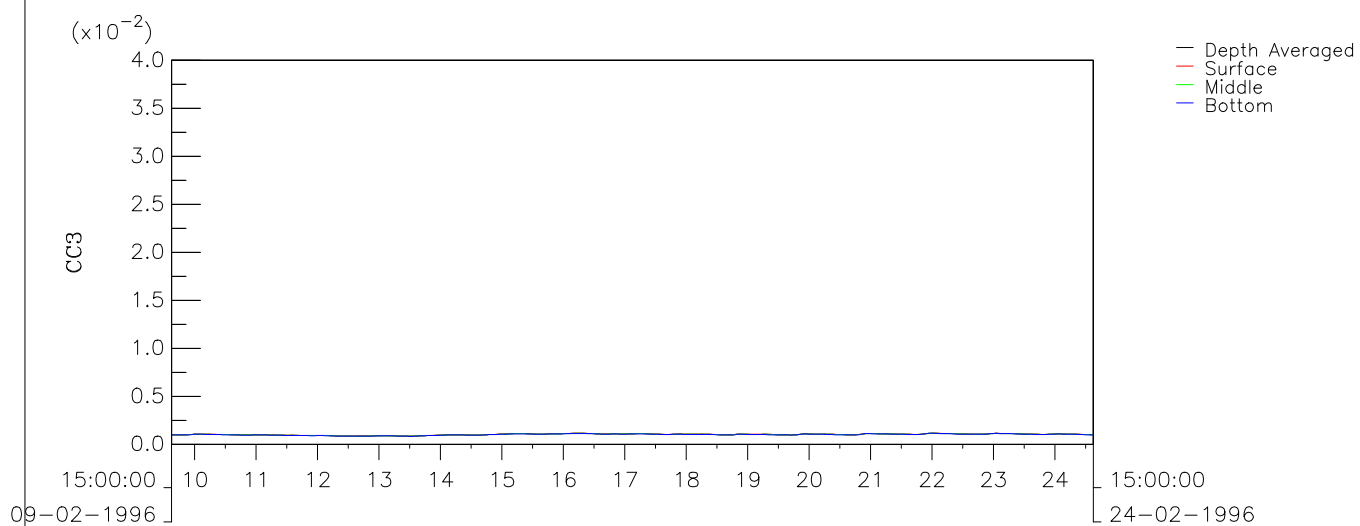
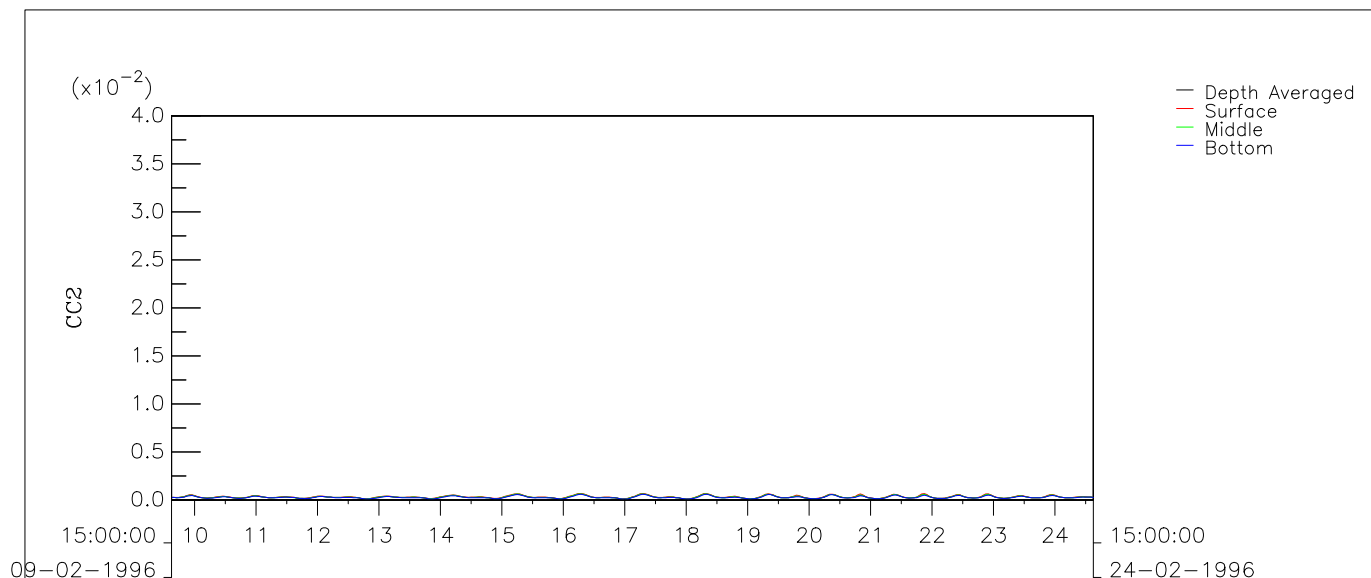
L – Lower Layer

Dry Season

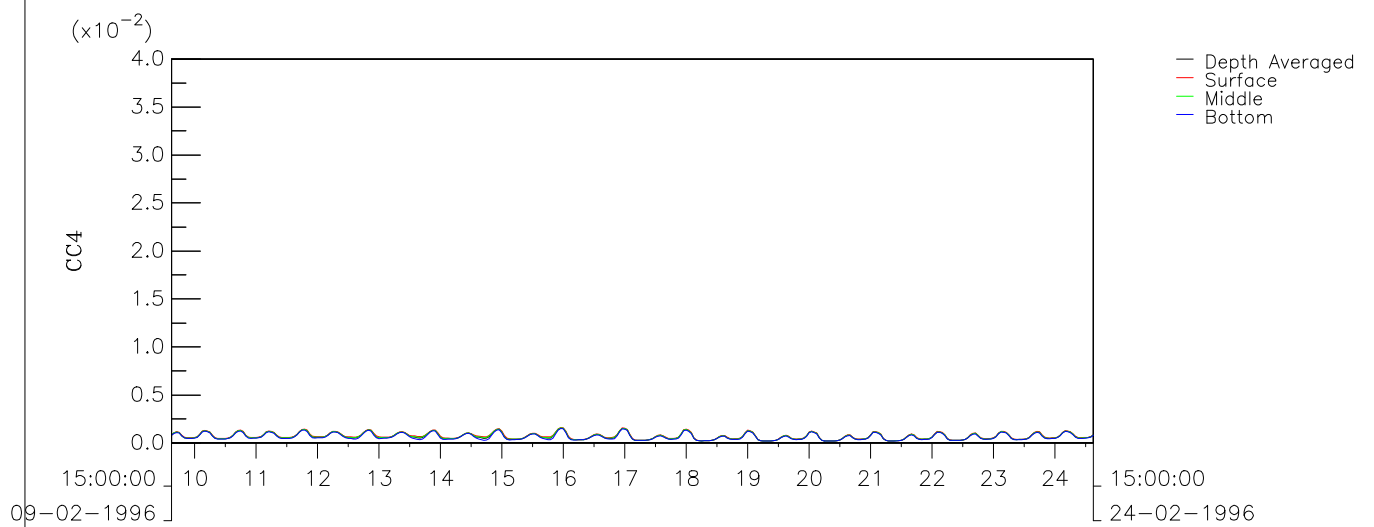
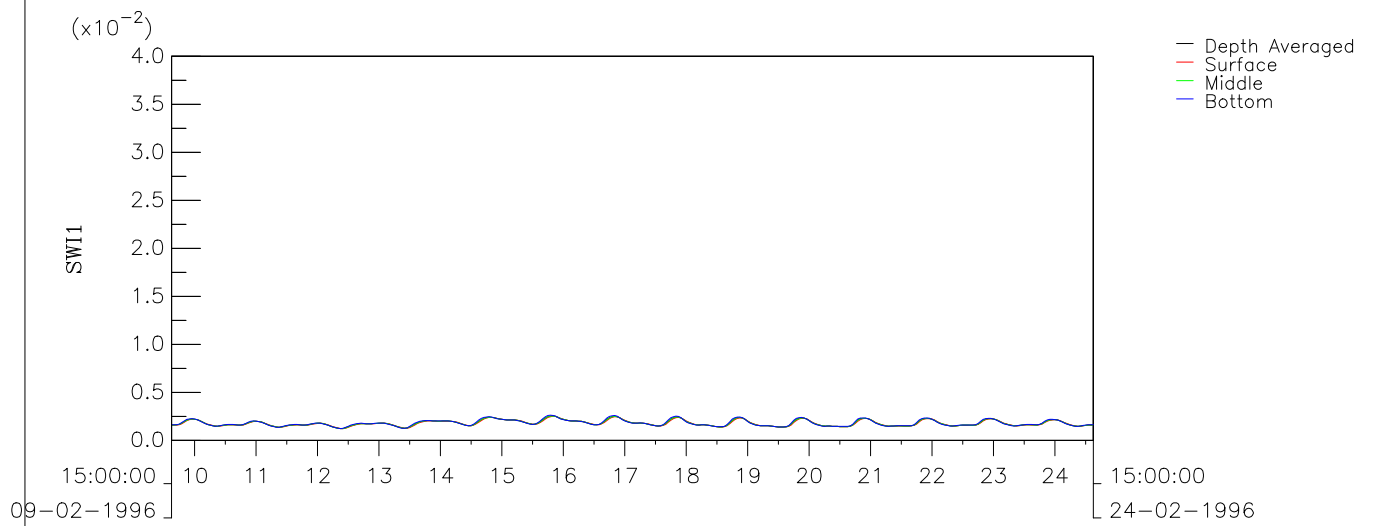
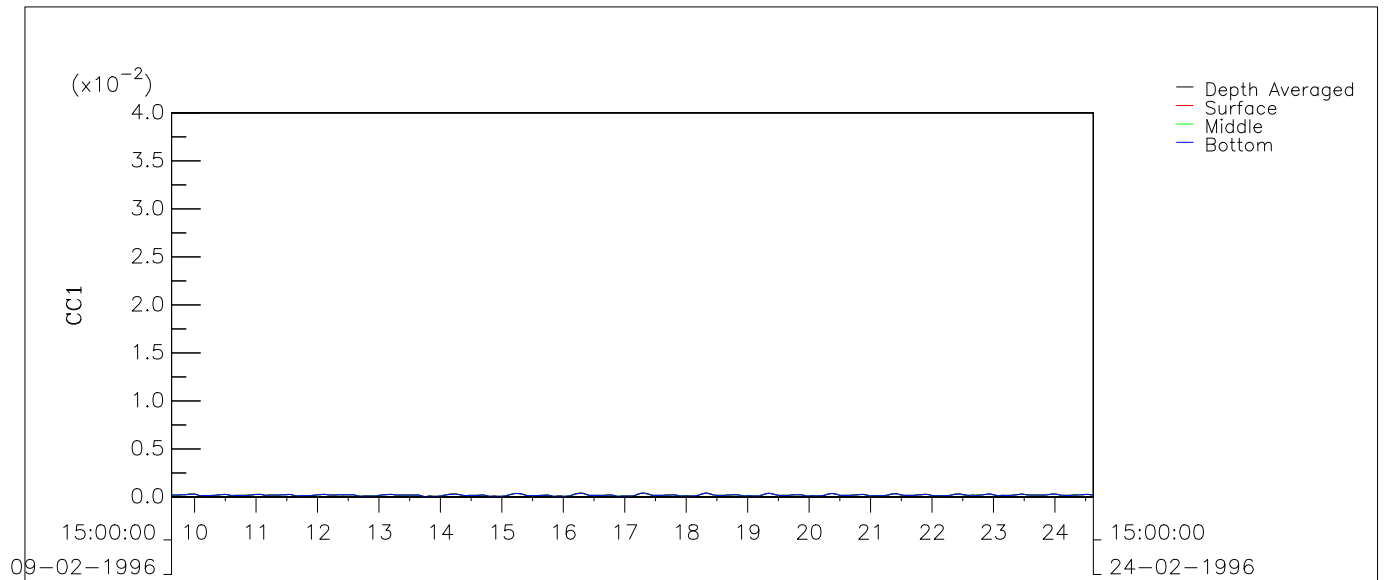
CBL Only

Drawing: S1a–Zn–Dry–Map

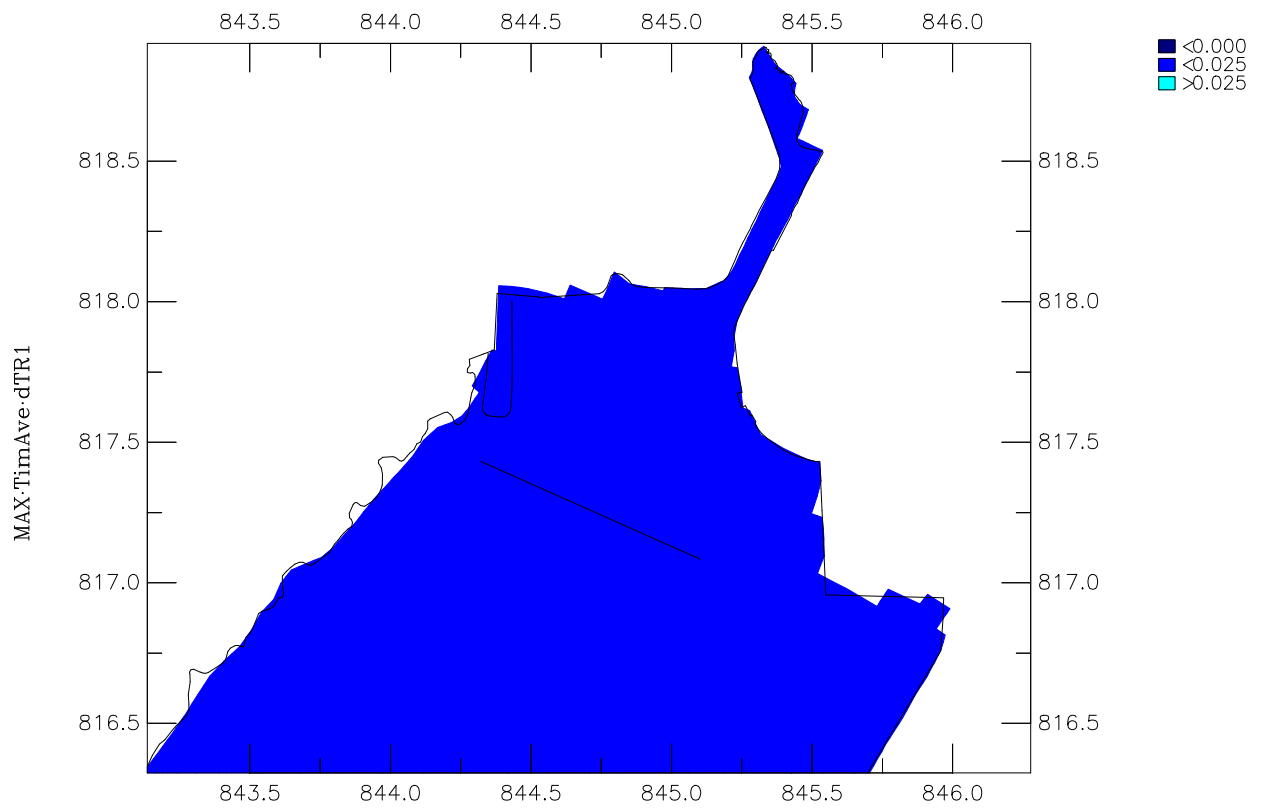
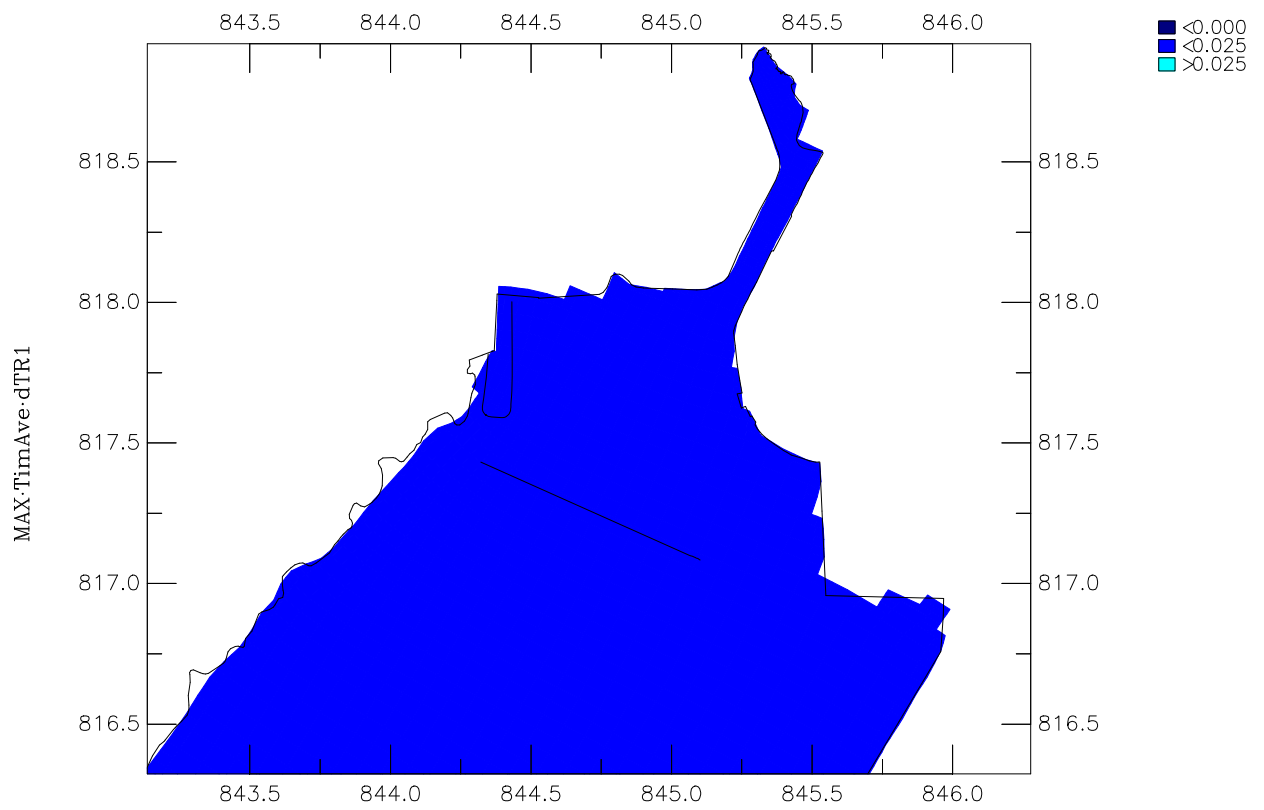
Arup



Zinc (Scenario 1a) (mg/L) CC2, CC3 and CC13	Dry Season	CBL Only
	Drawing: S1a-Zn-Dry-His	
Arup		



Zinc (Scenario 1a) (mg/L) CC1, SWI1 and CC4	Dry Season	CBL Only
	Drawing: S1a-Zn-Dry-His2	
Arup		



Extent of As Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

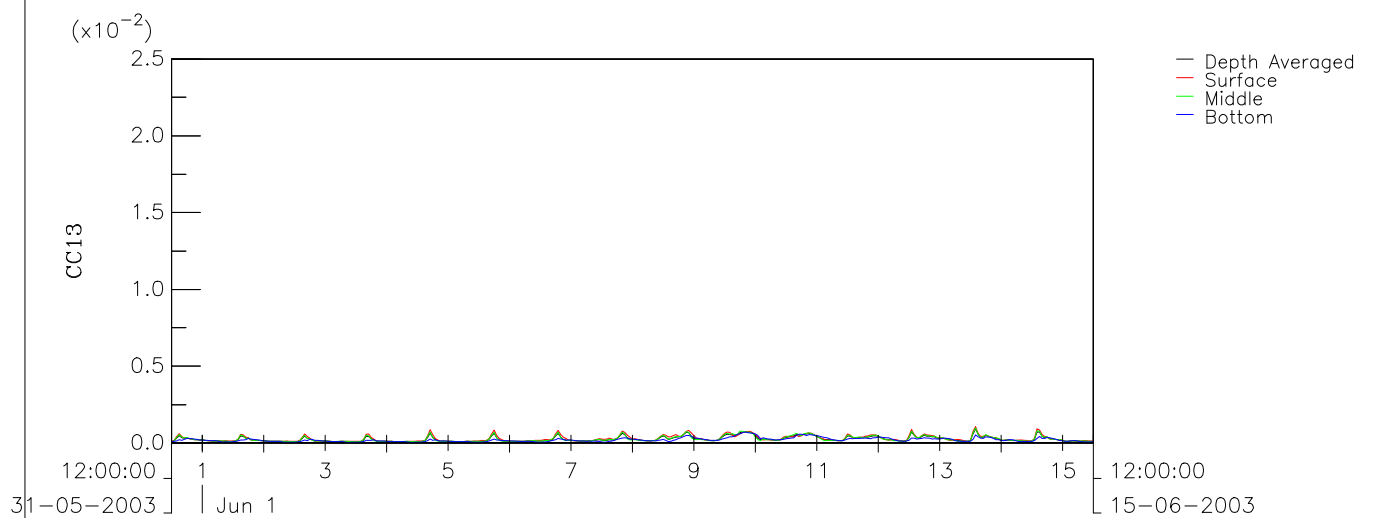
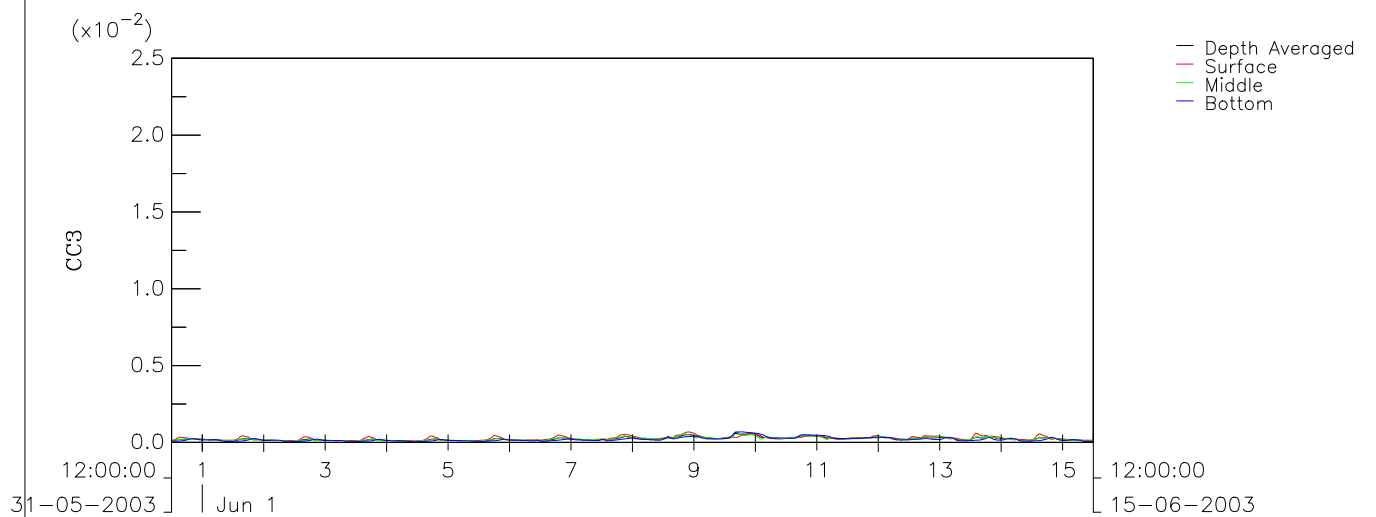
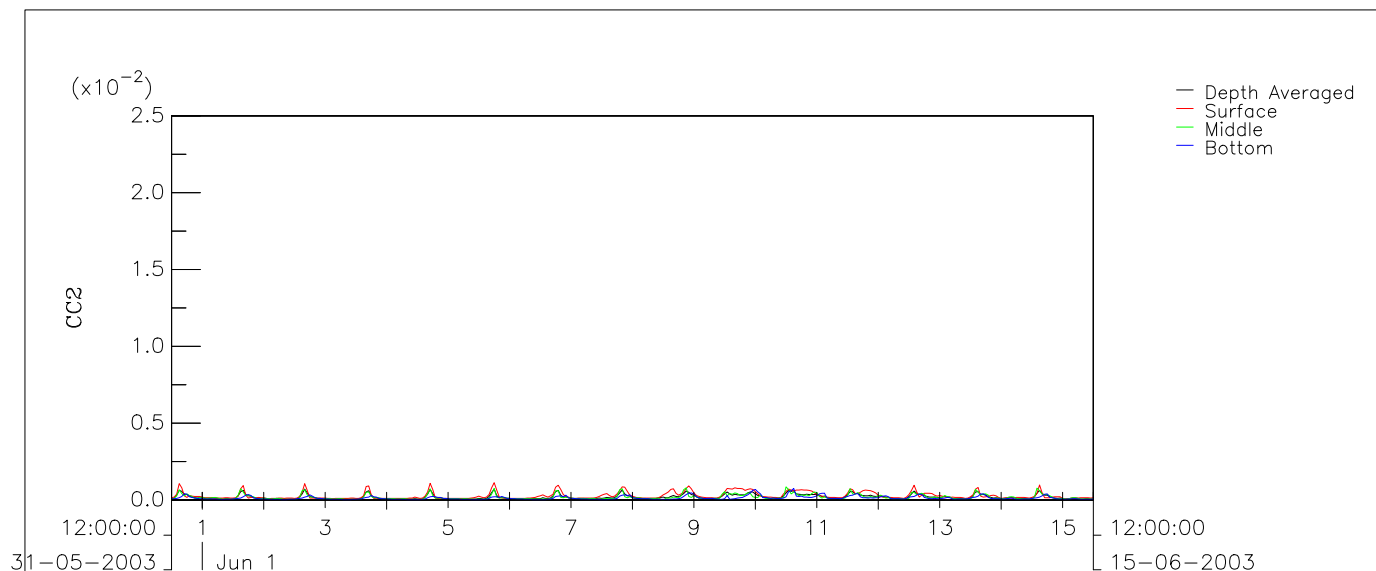
L – Lower Layer

Wet Season

CBL Only

Drawing: S1a–As–Wet–Map

Arup



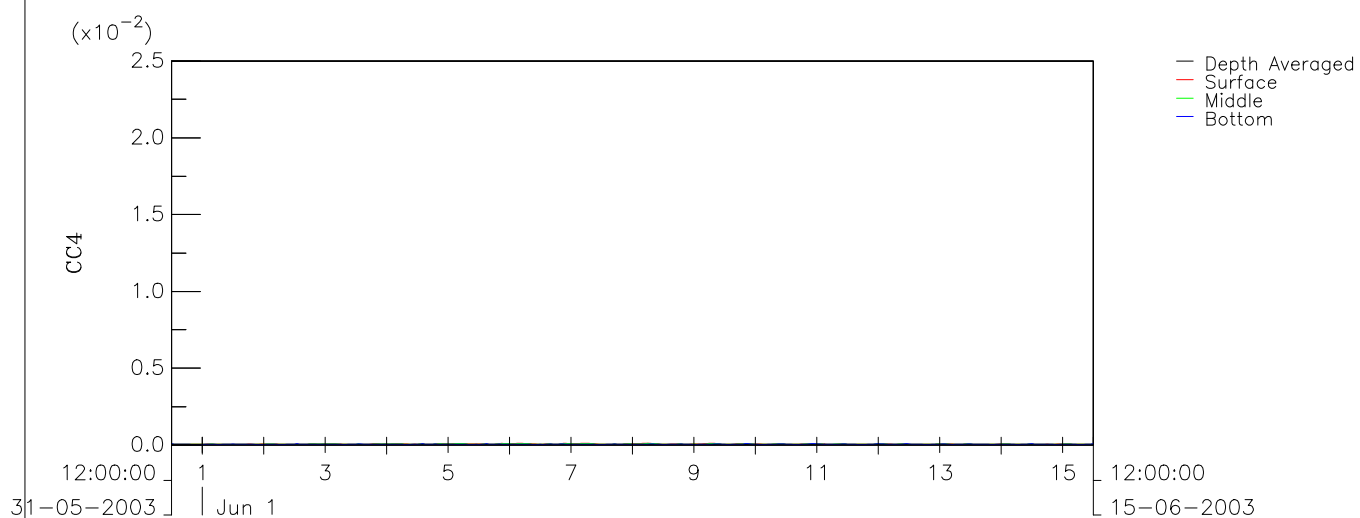
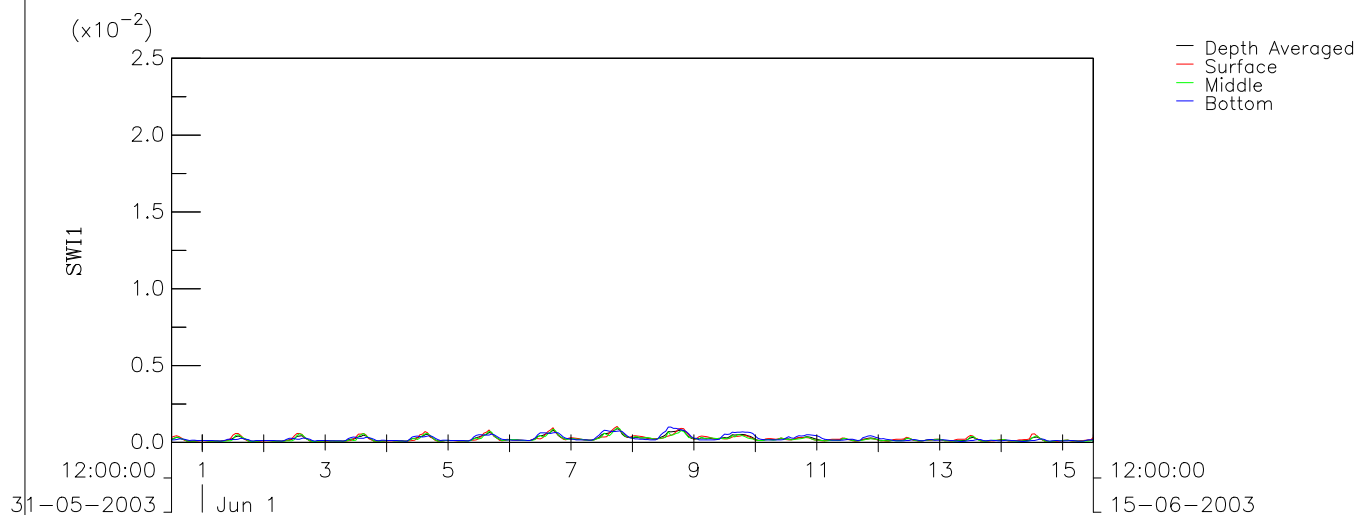
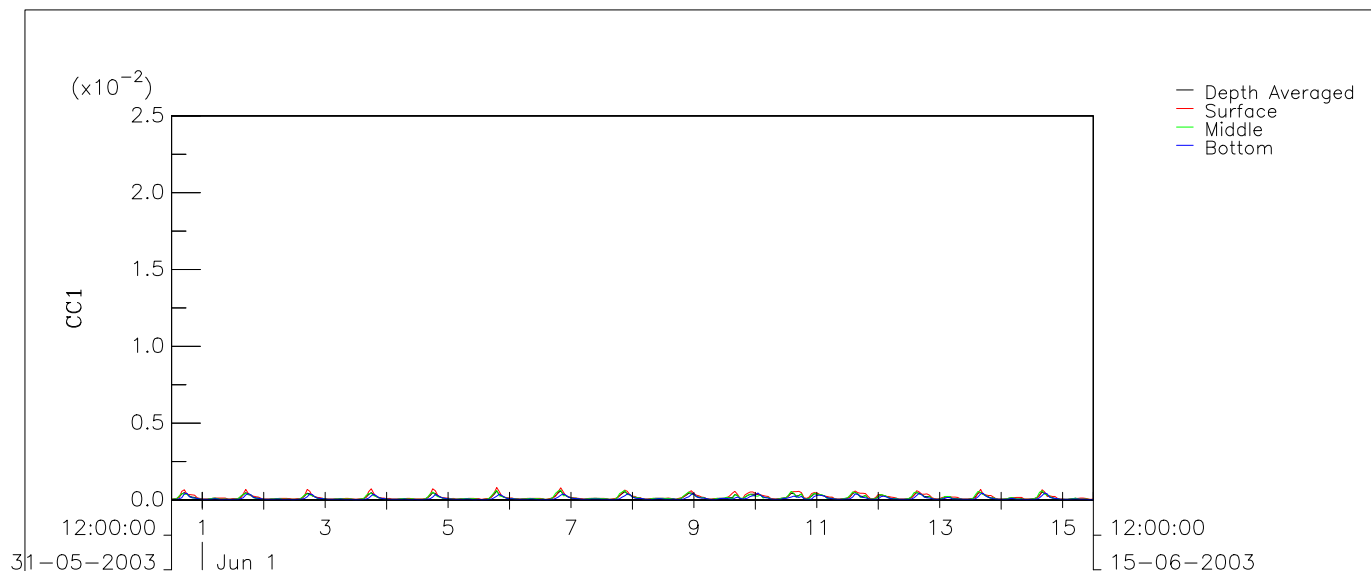
Arsenic Mixing Zone (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Wet Season

CBL Only

Drawing: S1a-As-Wet-His

Arup



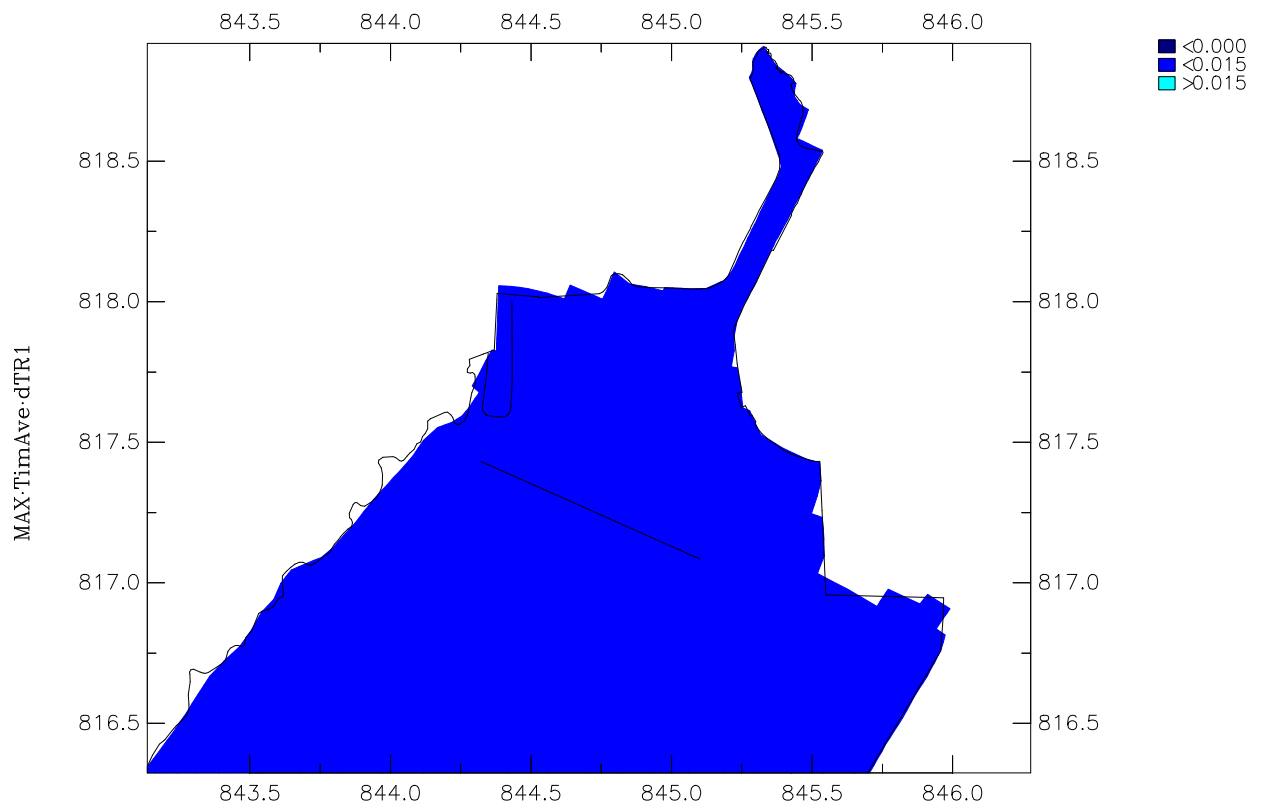
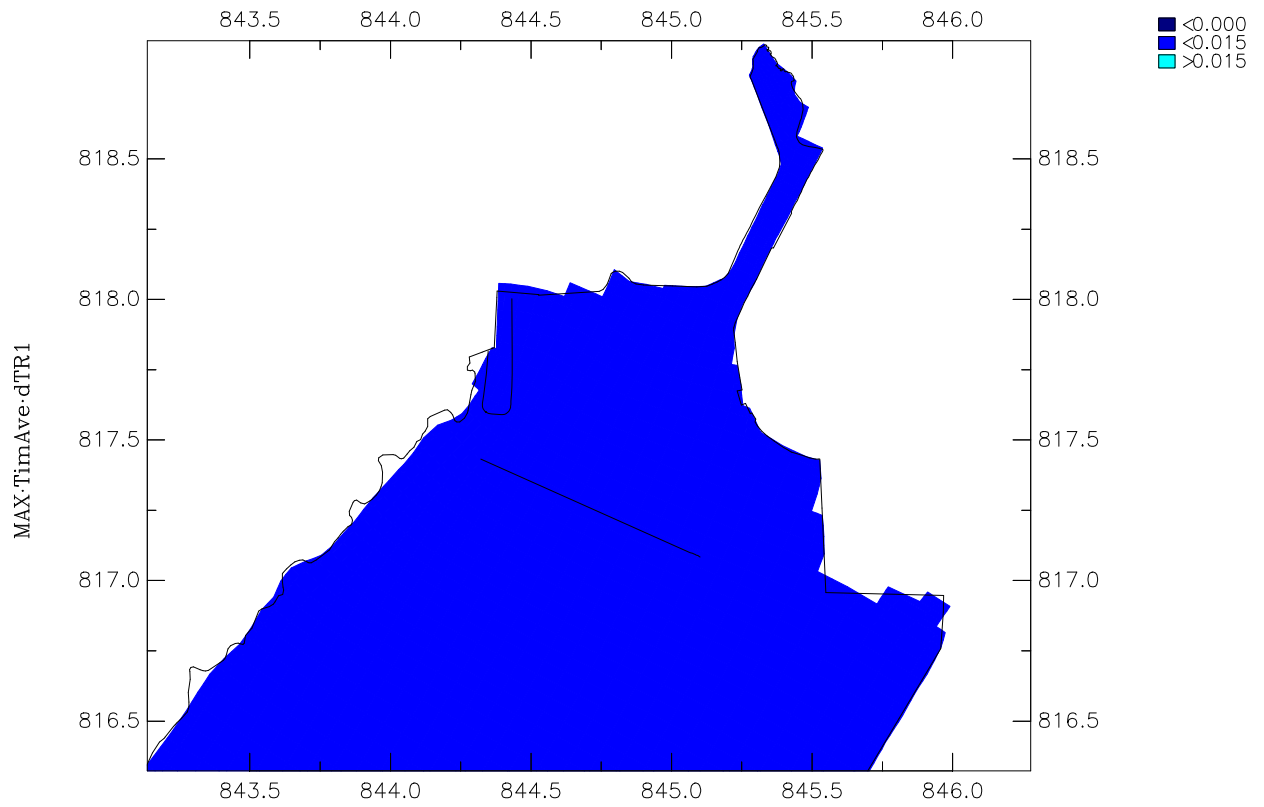
Arsenic Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-As-Wet-His2

Arup



Extent of Cr Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

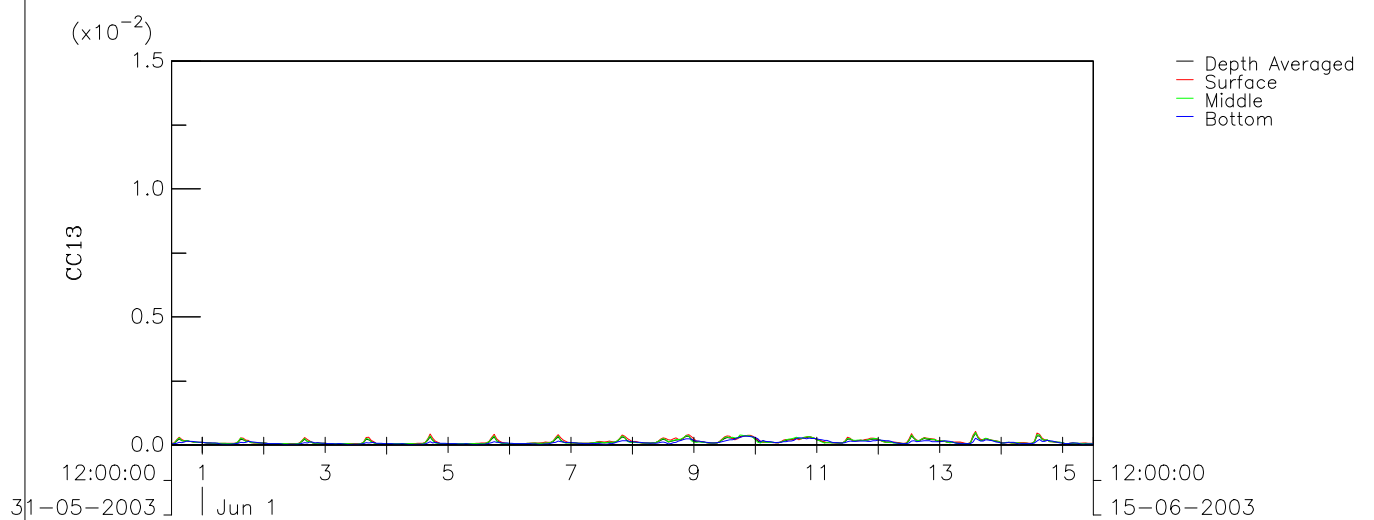
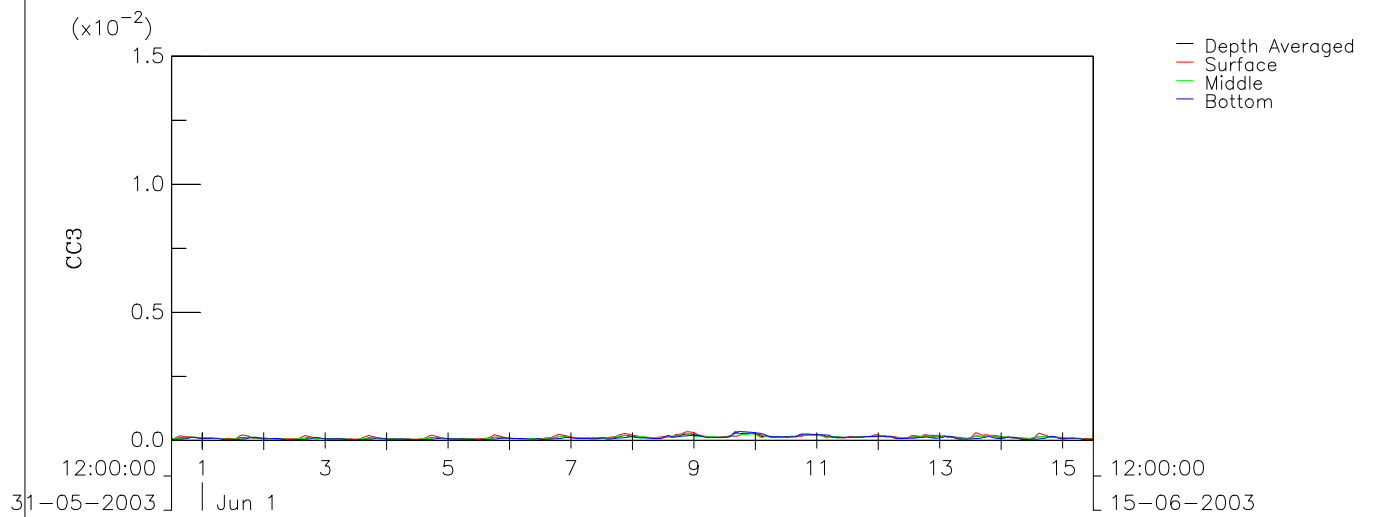
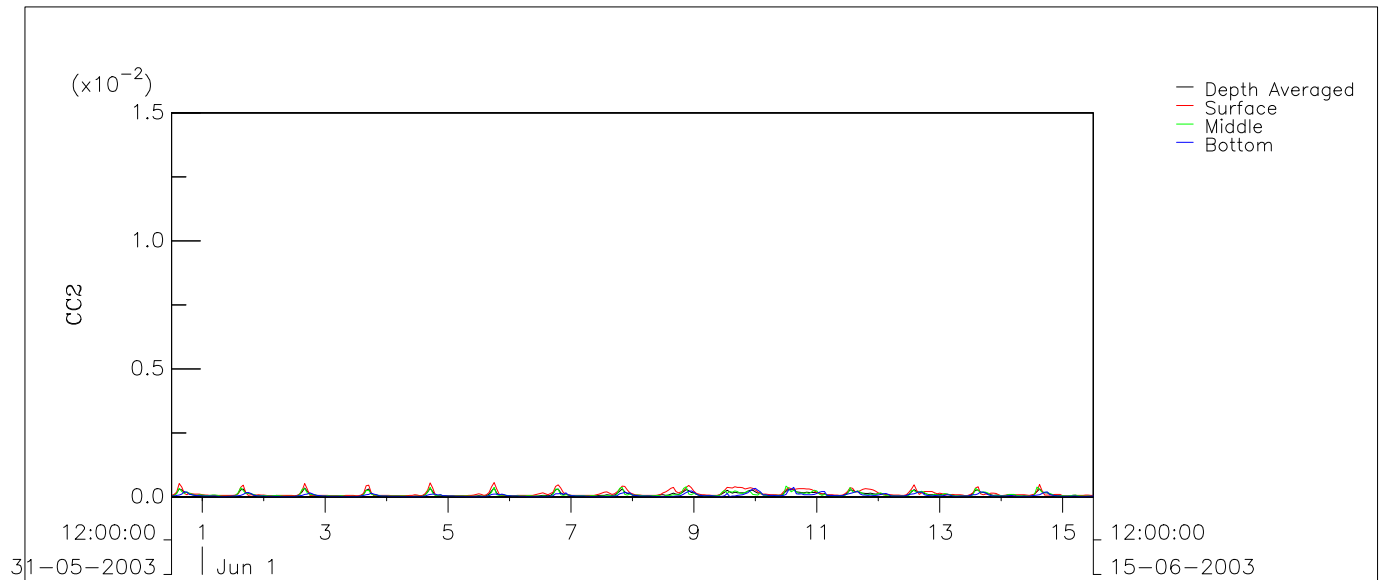
L – Lower Layer

Wet Season

CBL Only

Drawing: S1a–Cr–Wet–Map

Arup



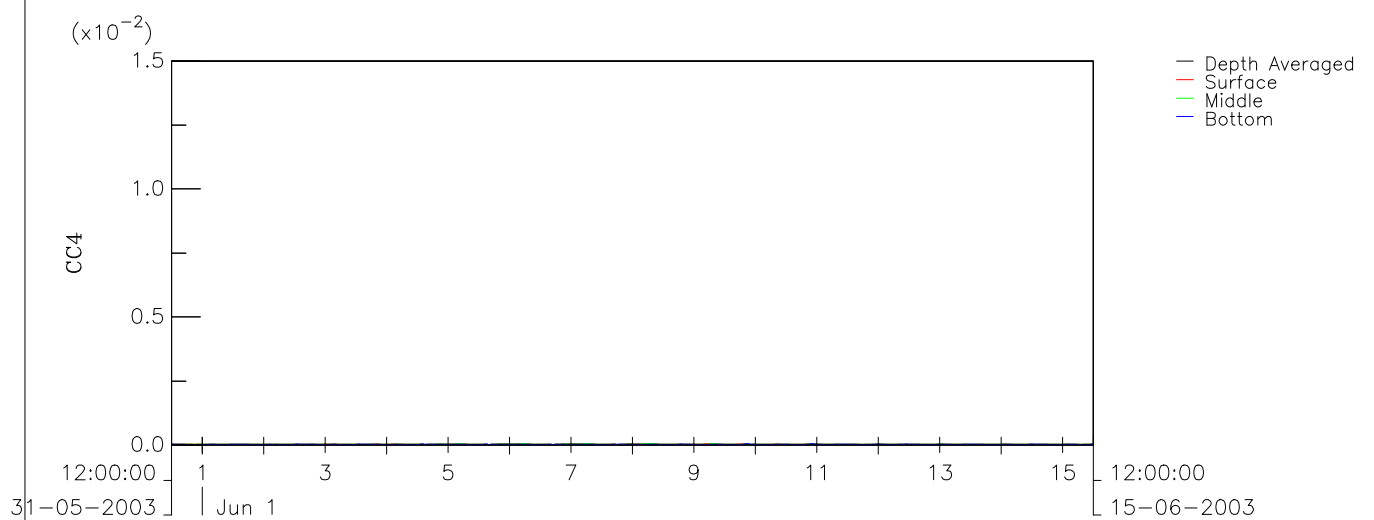
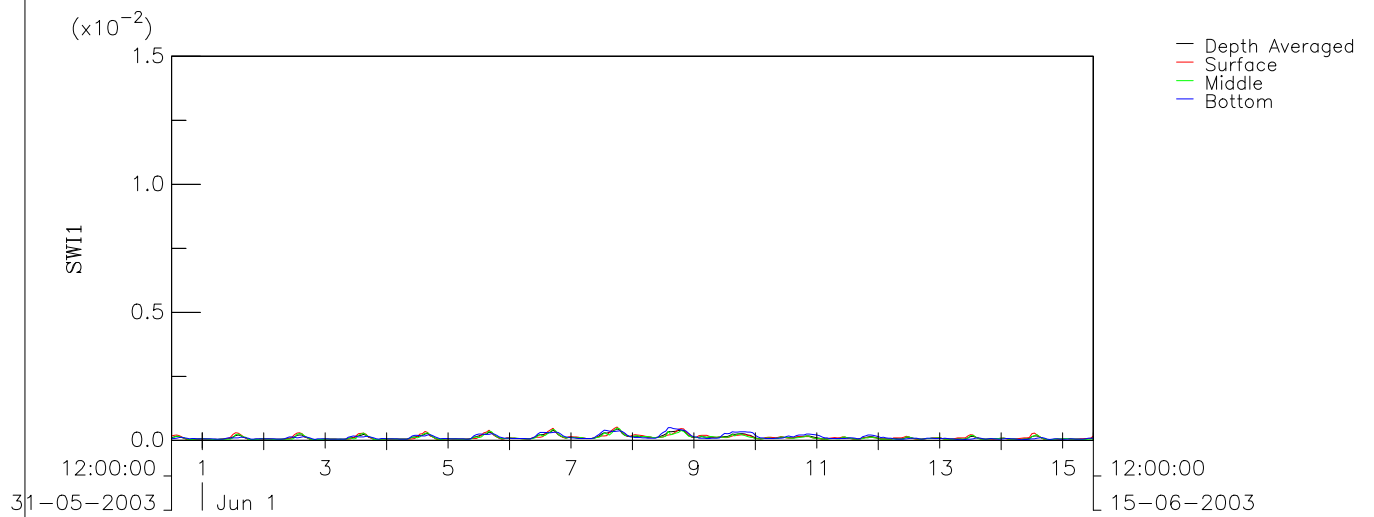
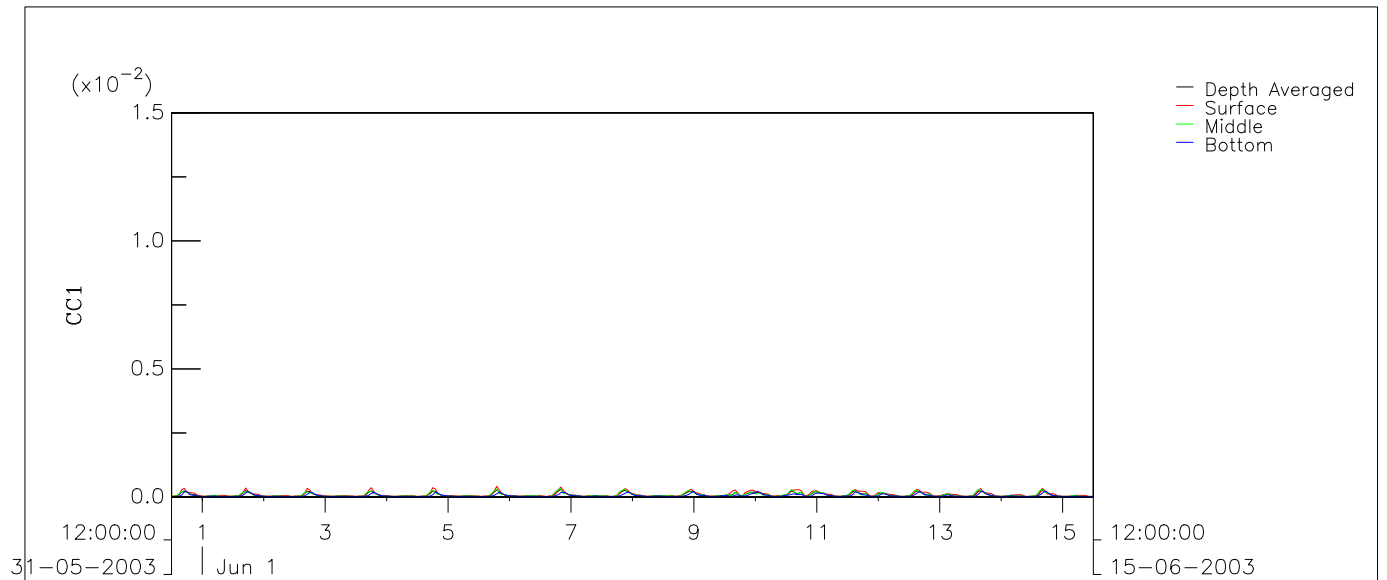
Chromium Mixing Zone (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Wet Season

CBL Only

Drawing: S1a-Cr-Wet-His

Arup



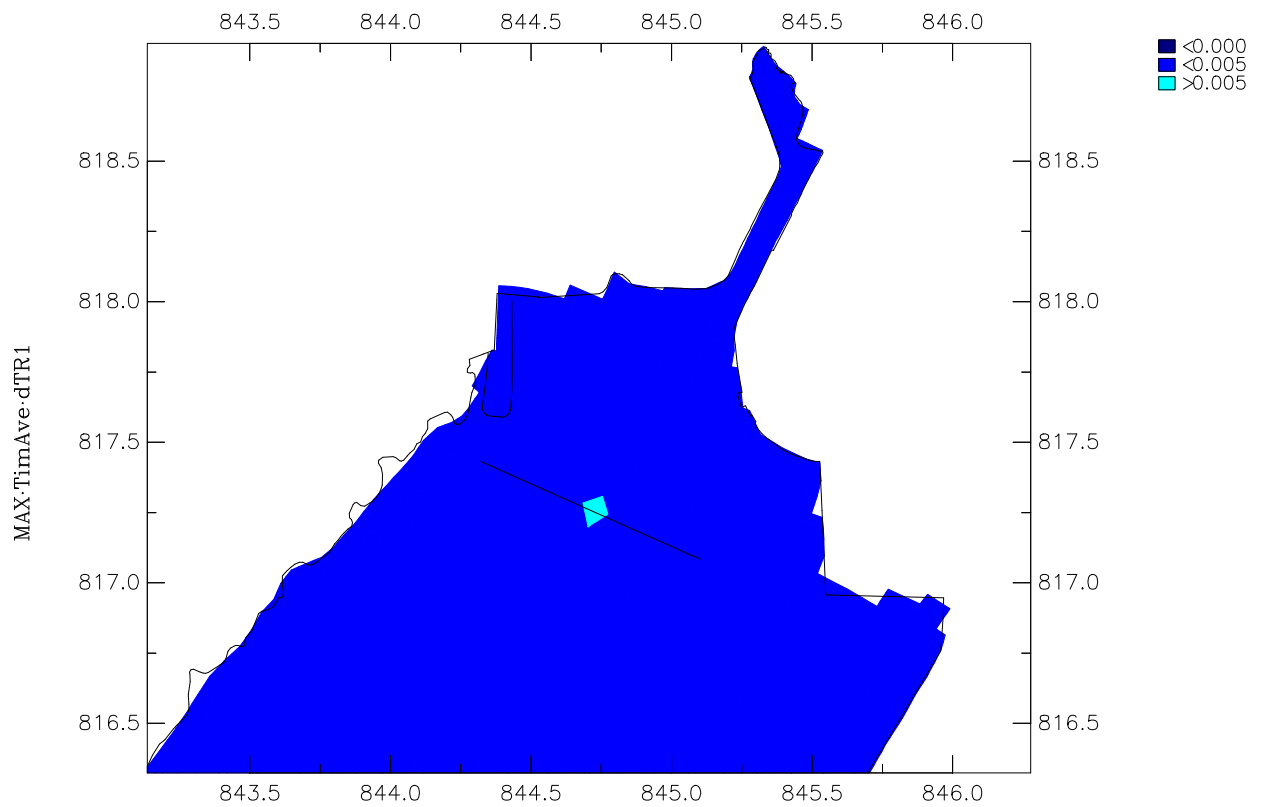
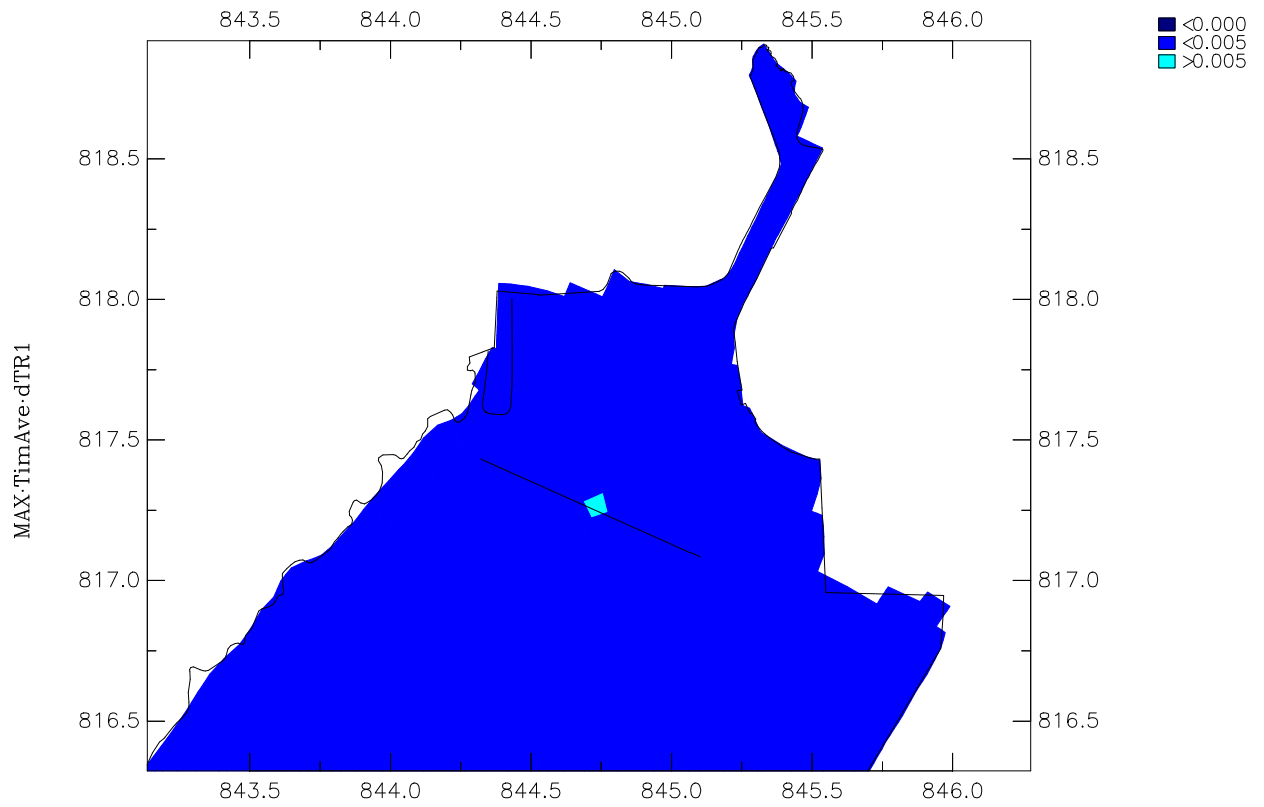
Chromium Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-Cr-Wet-His2

Arup



Extent of Cu Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

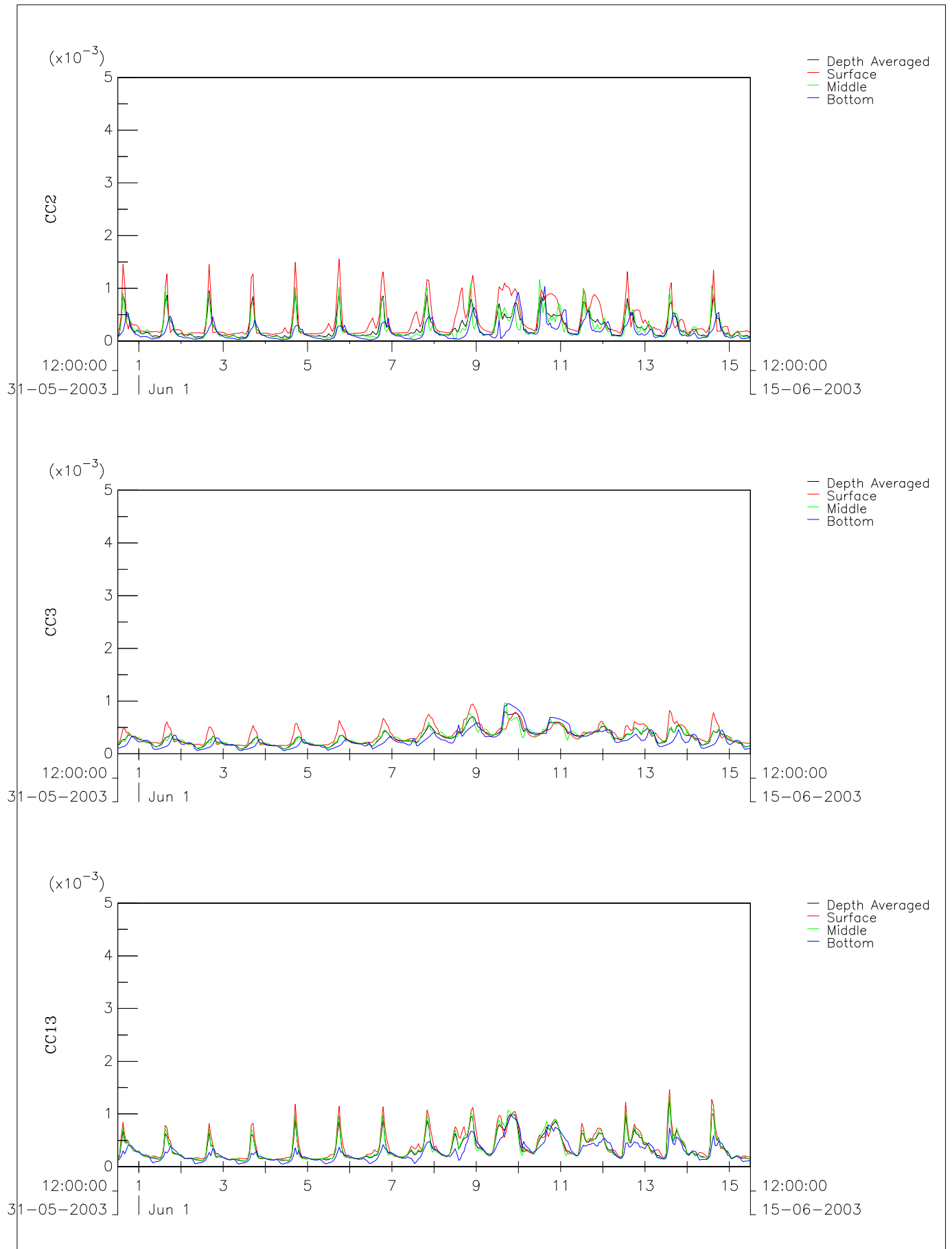
L – Lower Layer

Wet Season

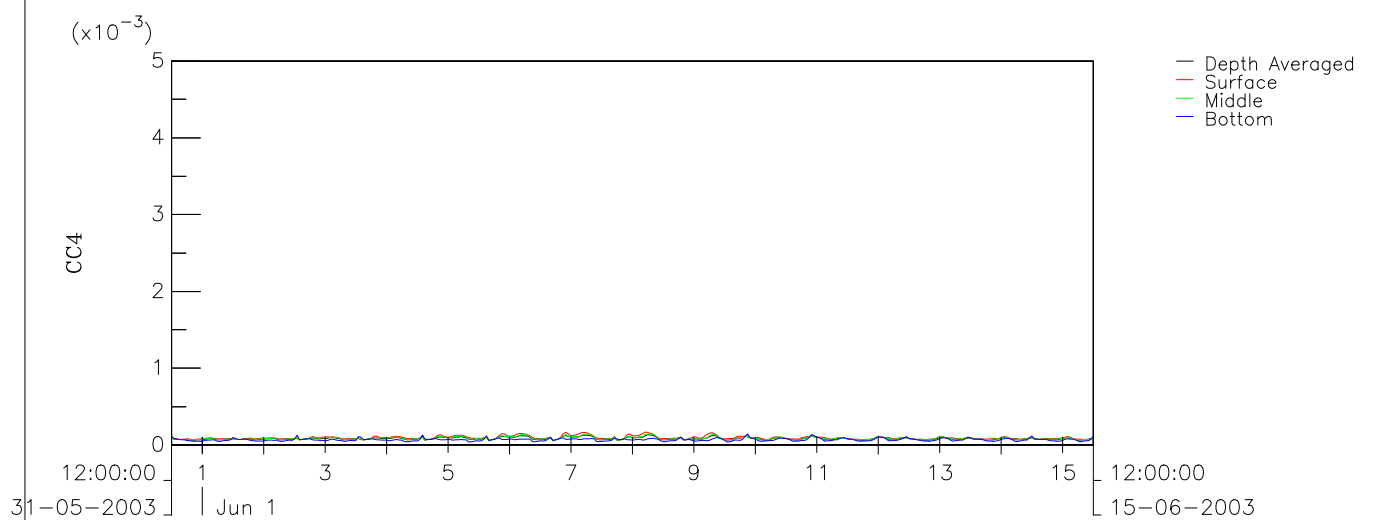
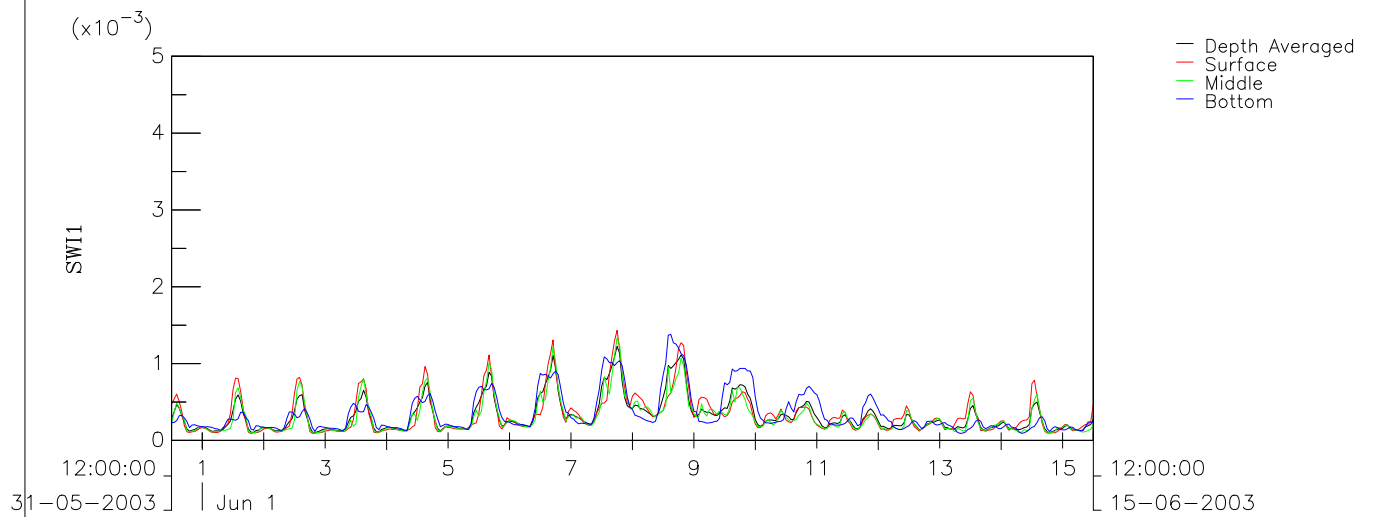
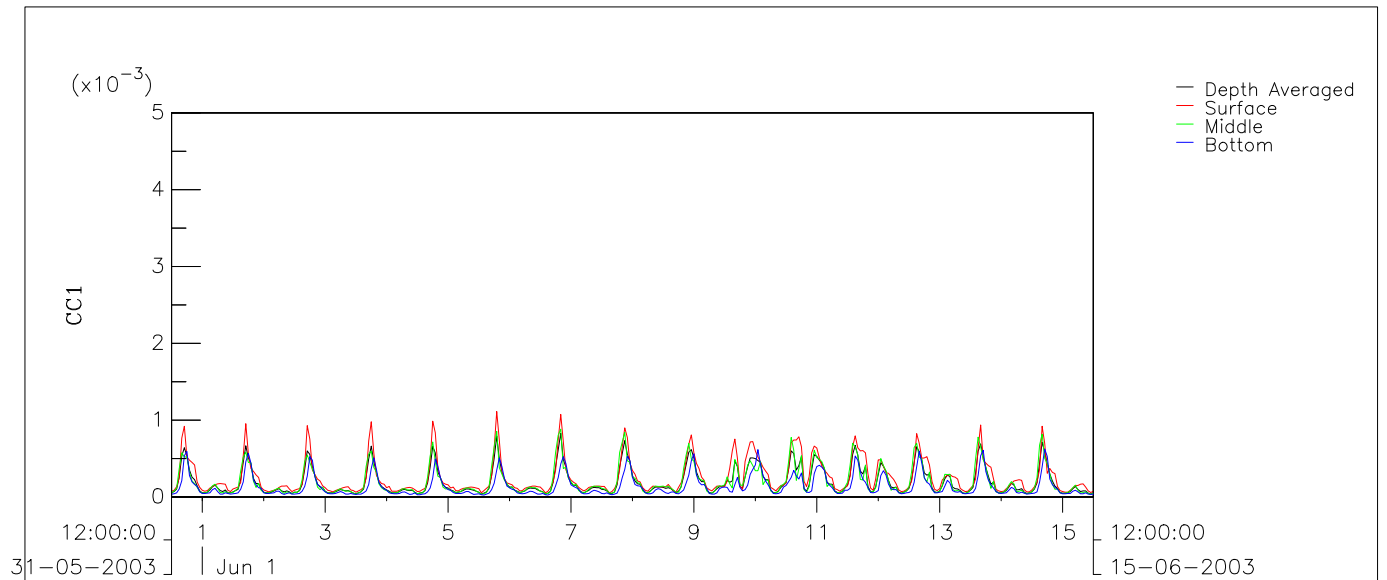
CBL Only

Drawing: S1a–Cu–Wet–Map

Arup



Copper Mixing Zone (Scenario 1a) (mg/L) CC2, CC3 and CC13	Wet Season	CBL Only
	Drawing: S1a-Cu-Wet-His	
Arup		



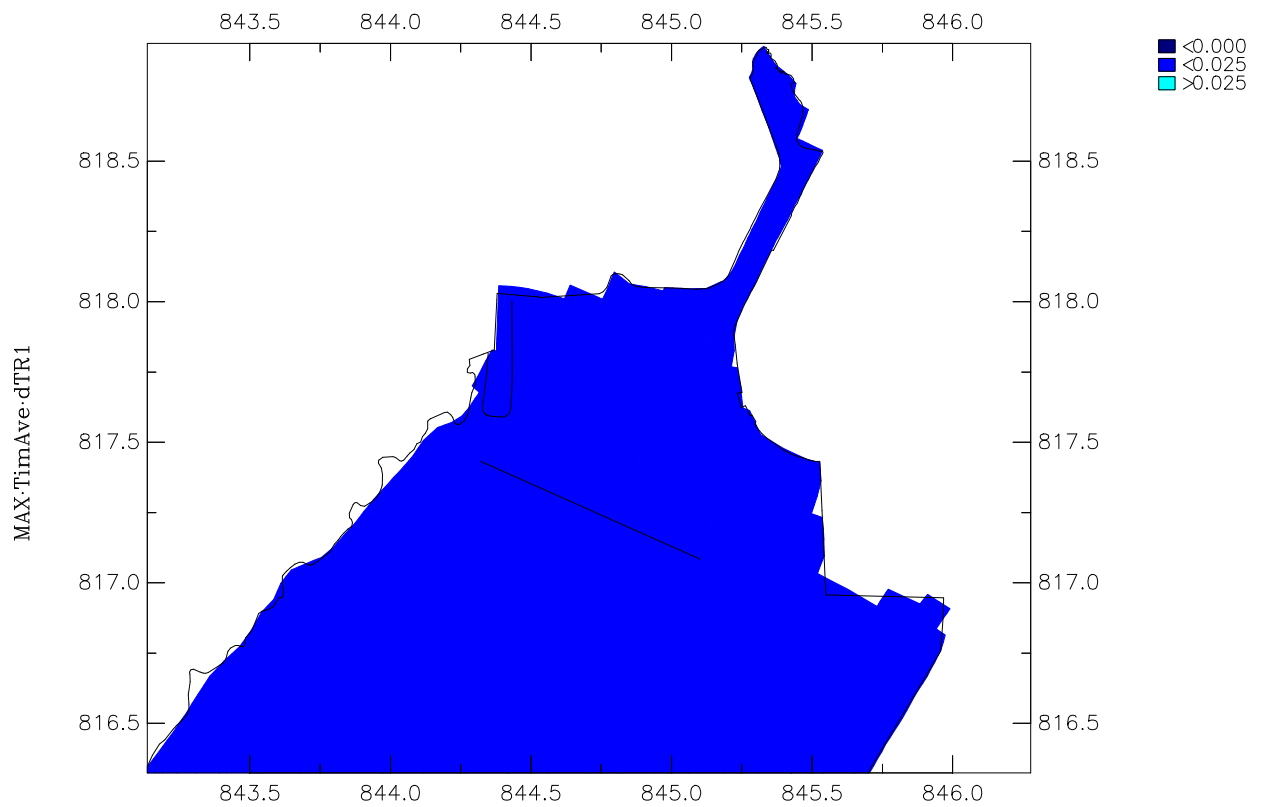
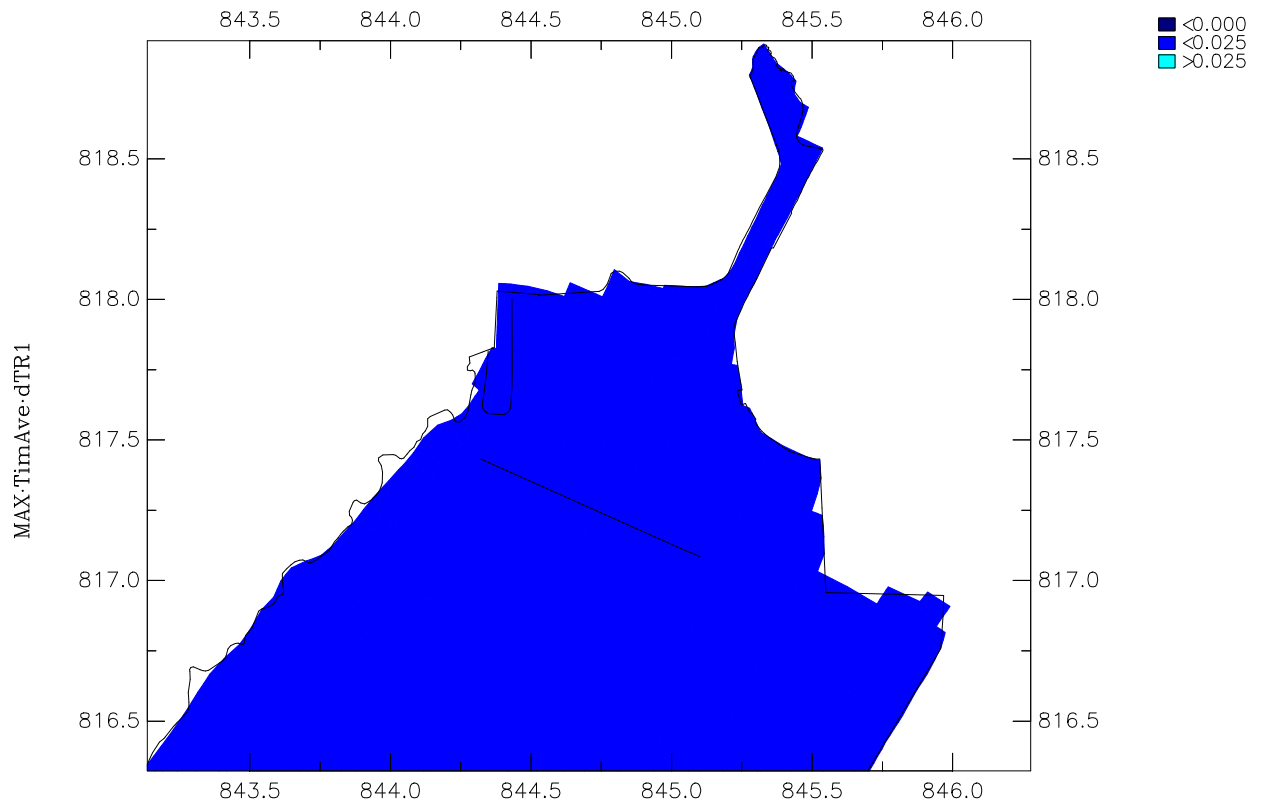
Copper Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-Cu-Wet-His2

Arup



Extent of Pb Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

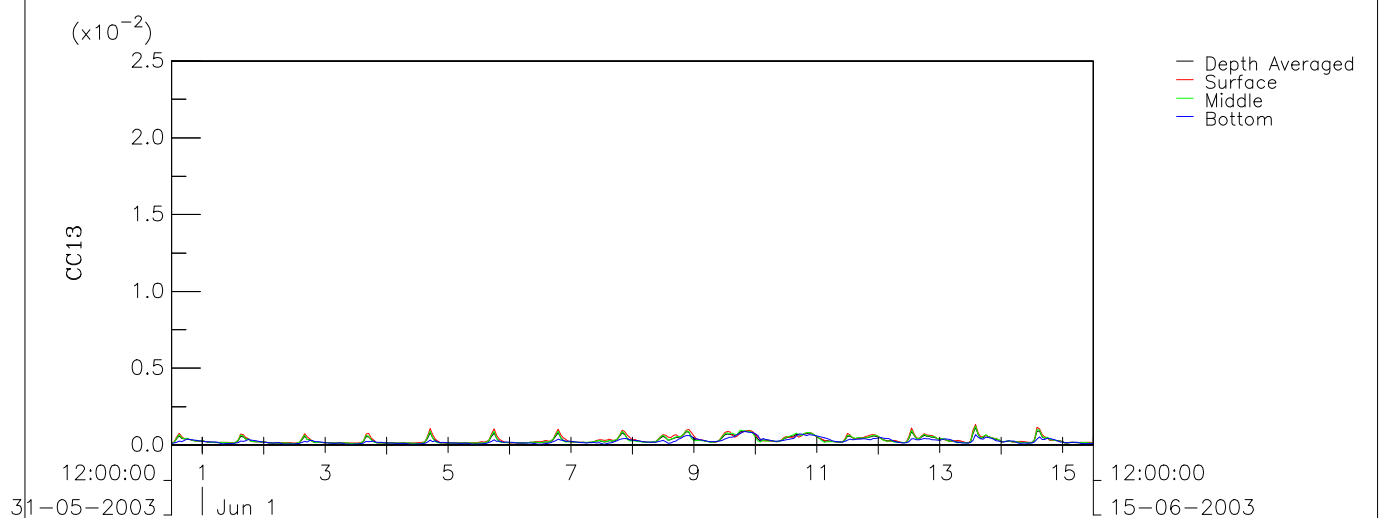
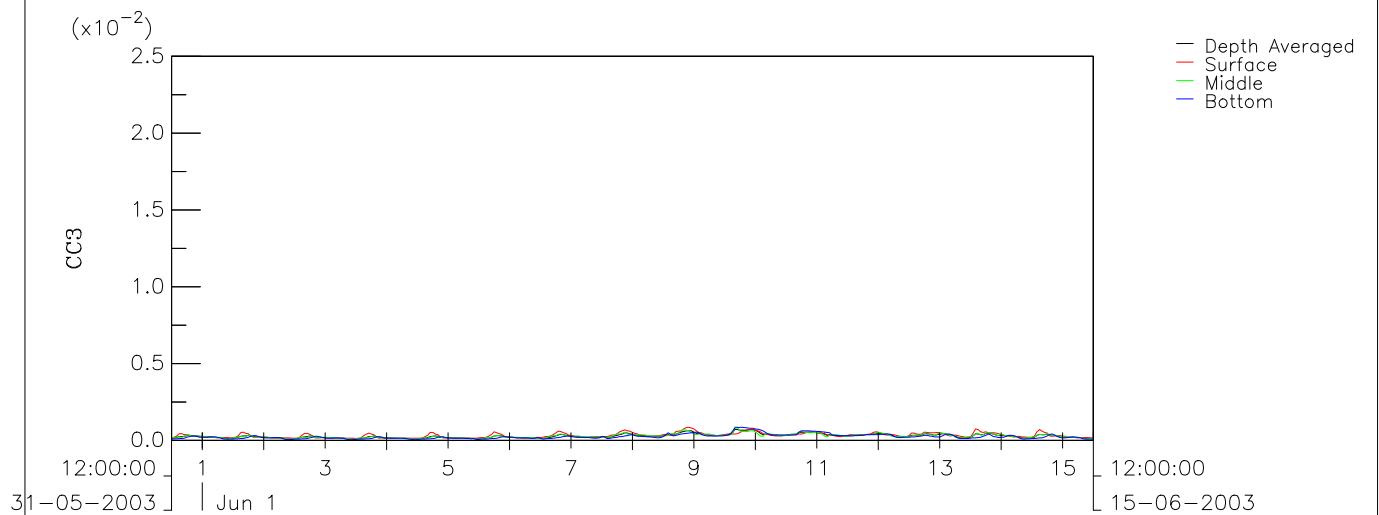
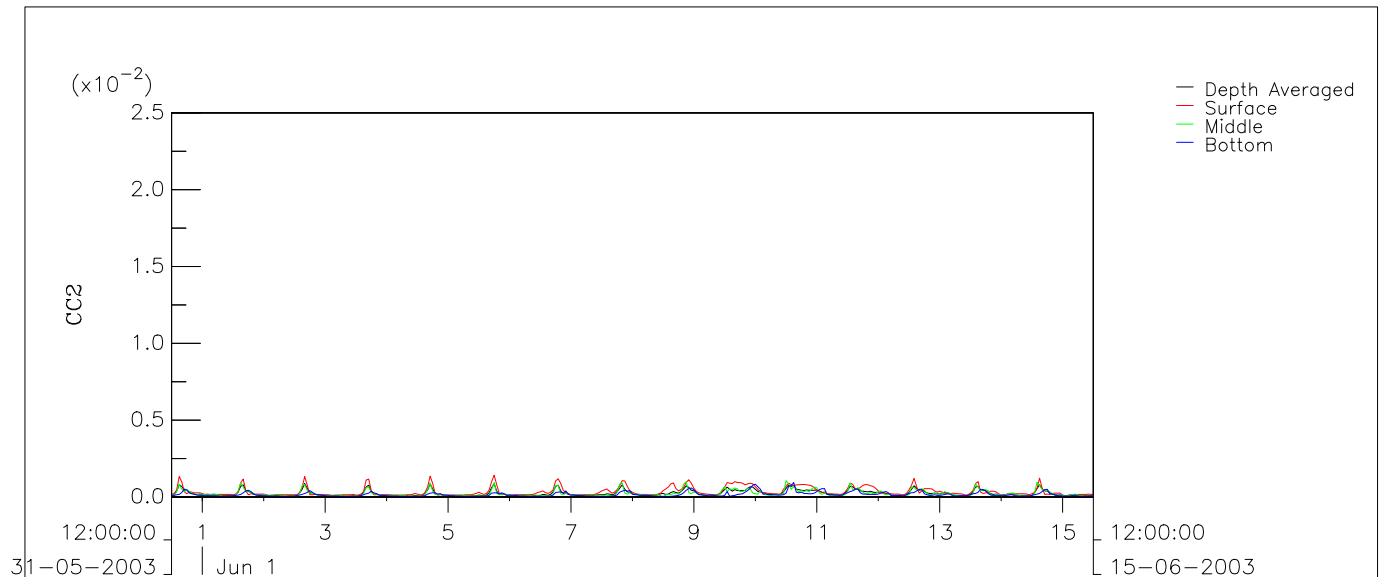
L – Lower Layer

Wet Season

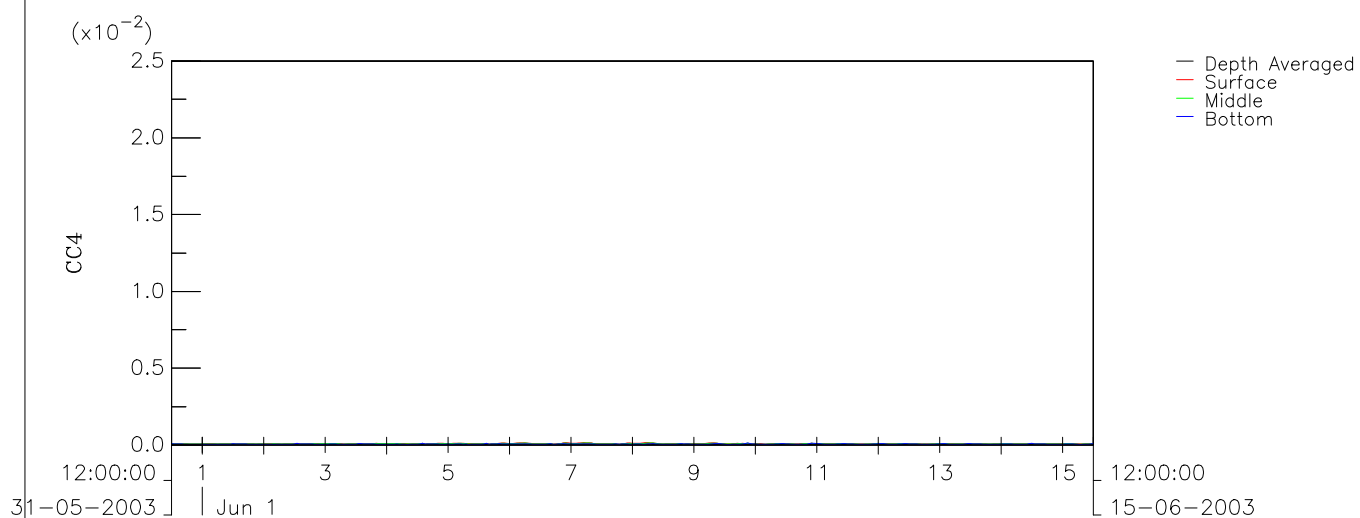
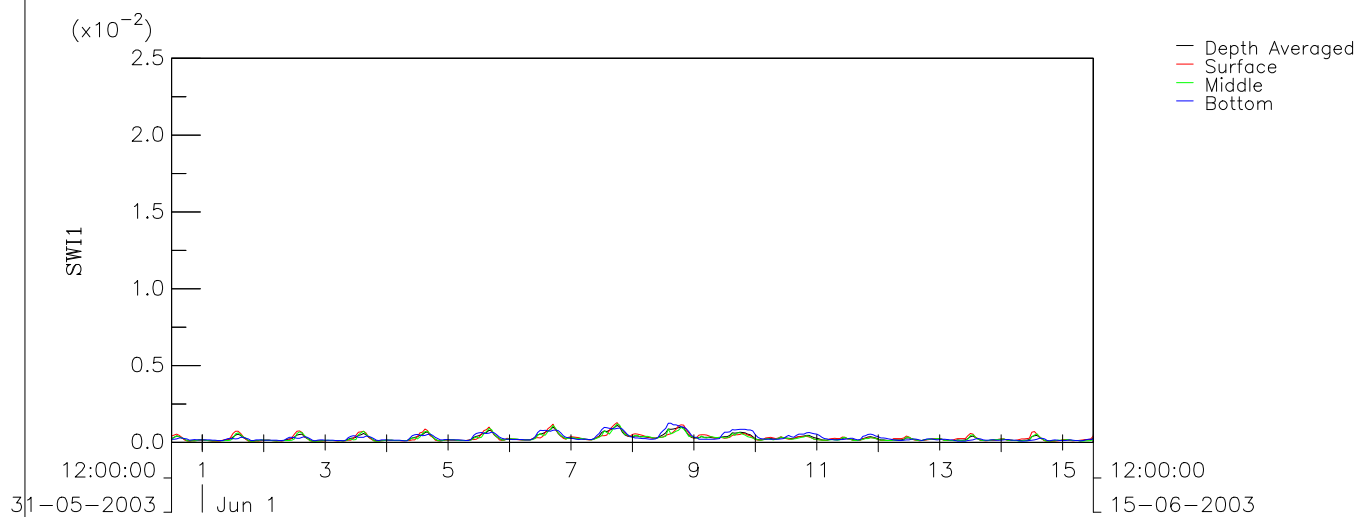
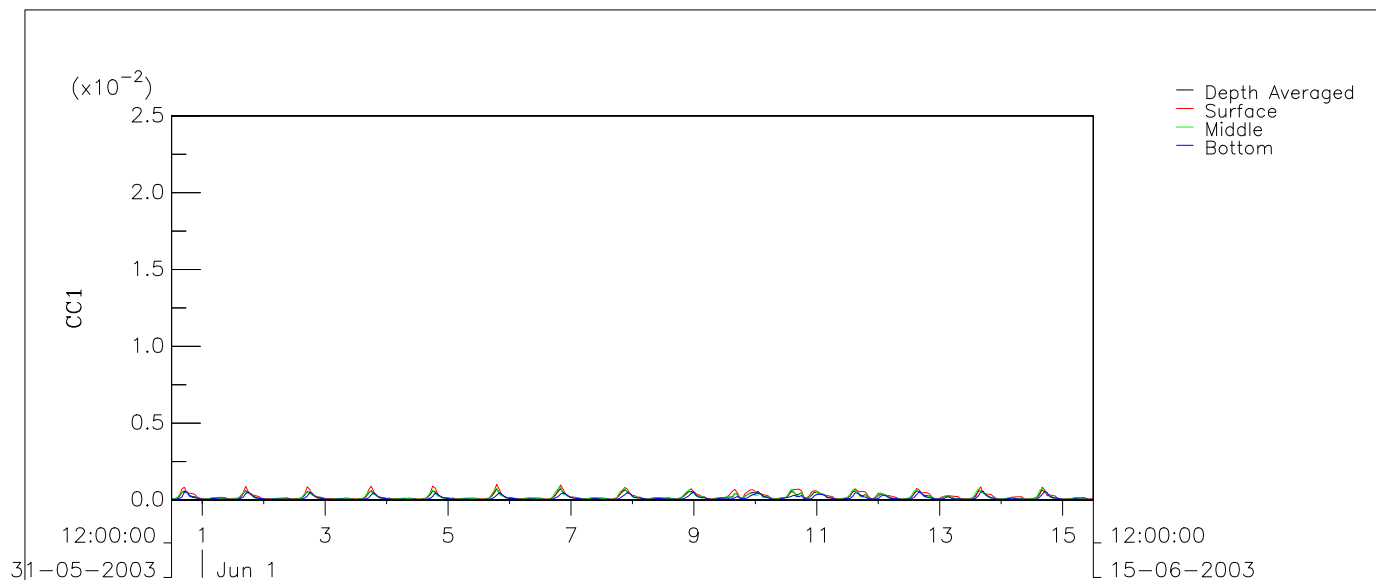
CBL Only

Drawing: S1a–Pb–Wet–Map

Arup



Lead Mixing Zone (Scenario 1a) (mg/L) CC2, CC3 and CC13	Wet Season	CBL Only
	Drawing: S1a-Pb-Wet-His	
Arup		



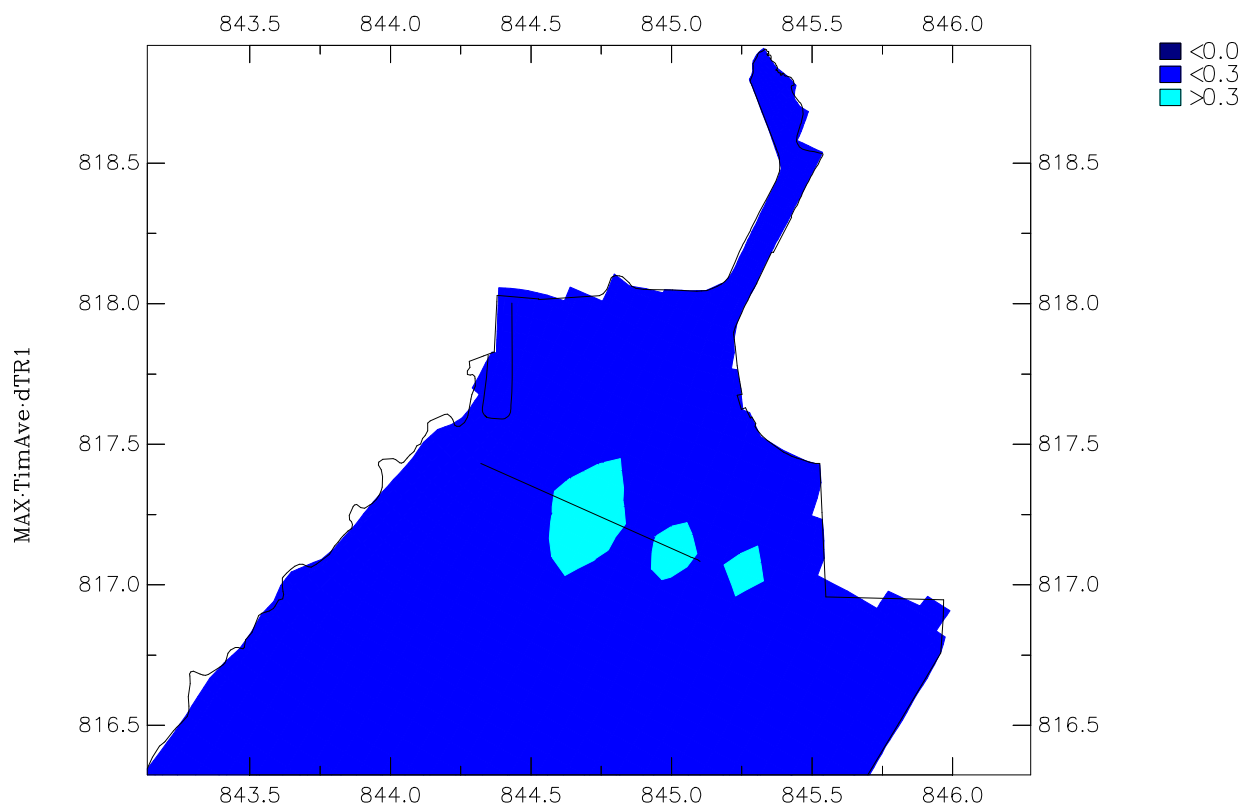
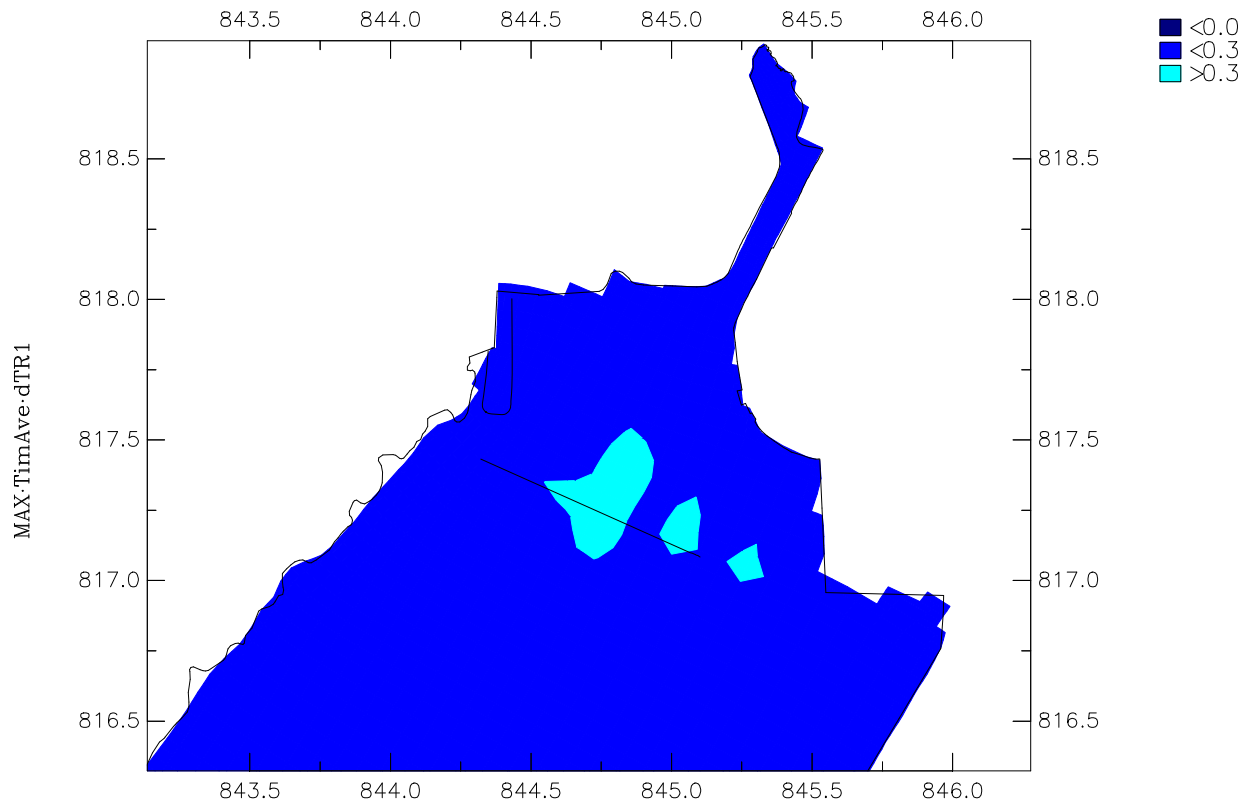
Lead Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-Pb-Wet-His2

Arup



Extent of TIN Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

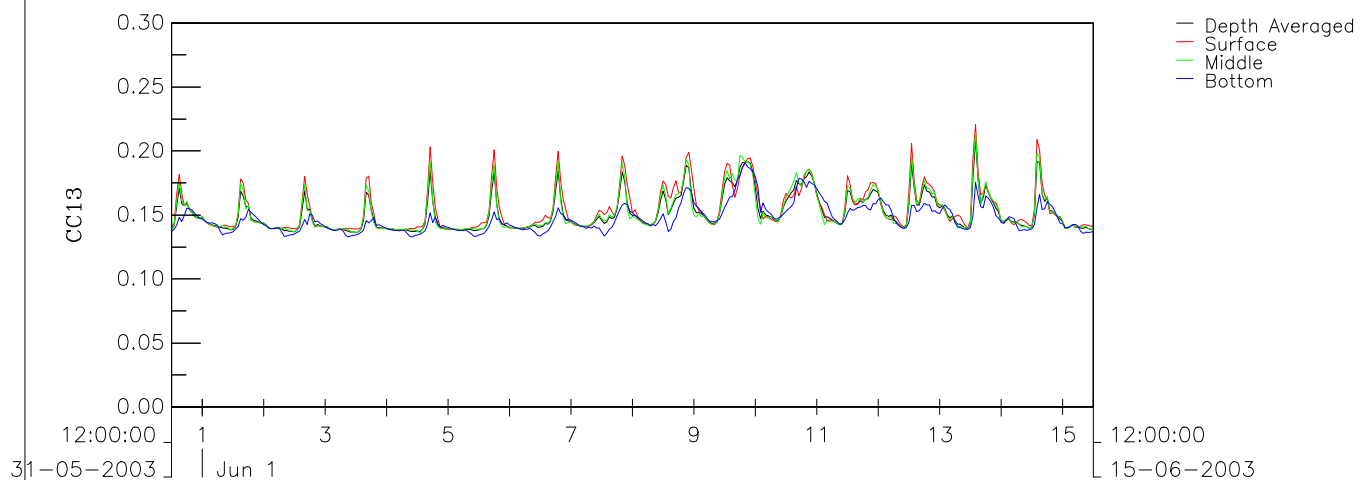
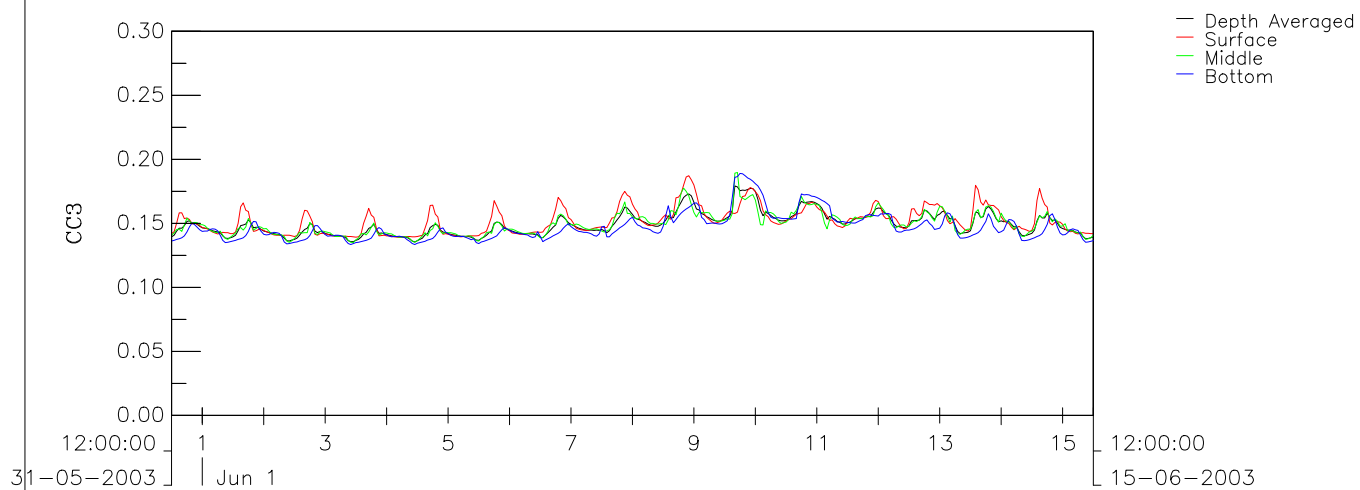
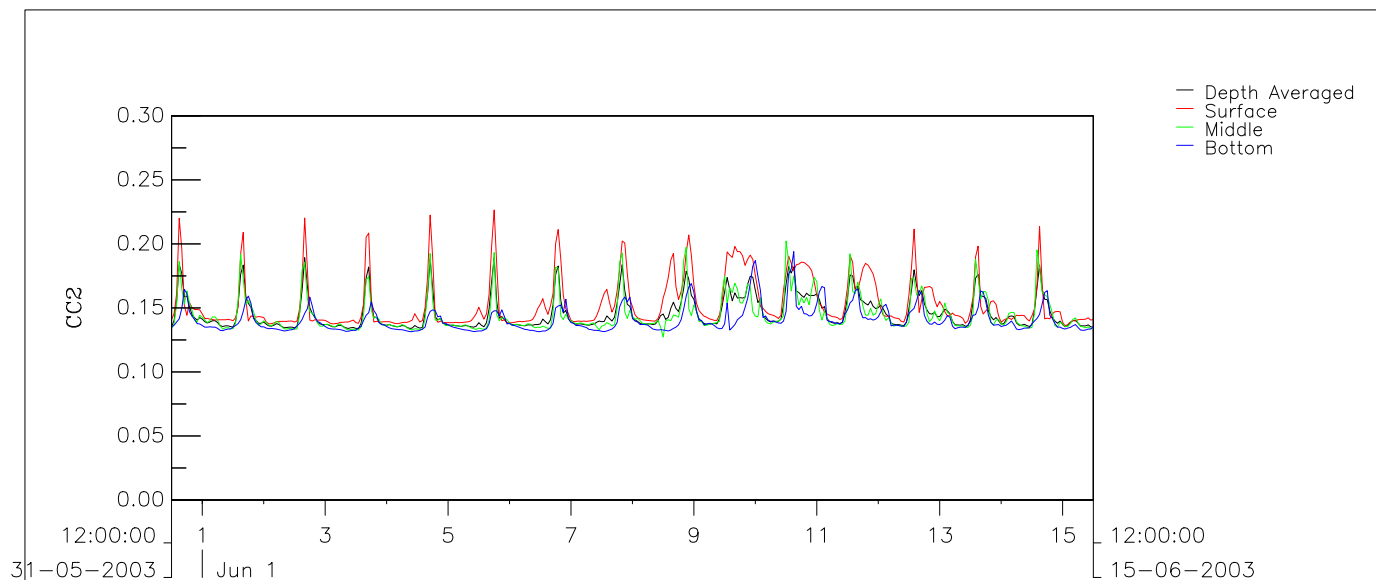
L – Lower Layer

Wet Season

CBL Only

Drawing: S1a–TIN–Wet–Map

Arup



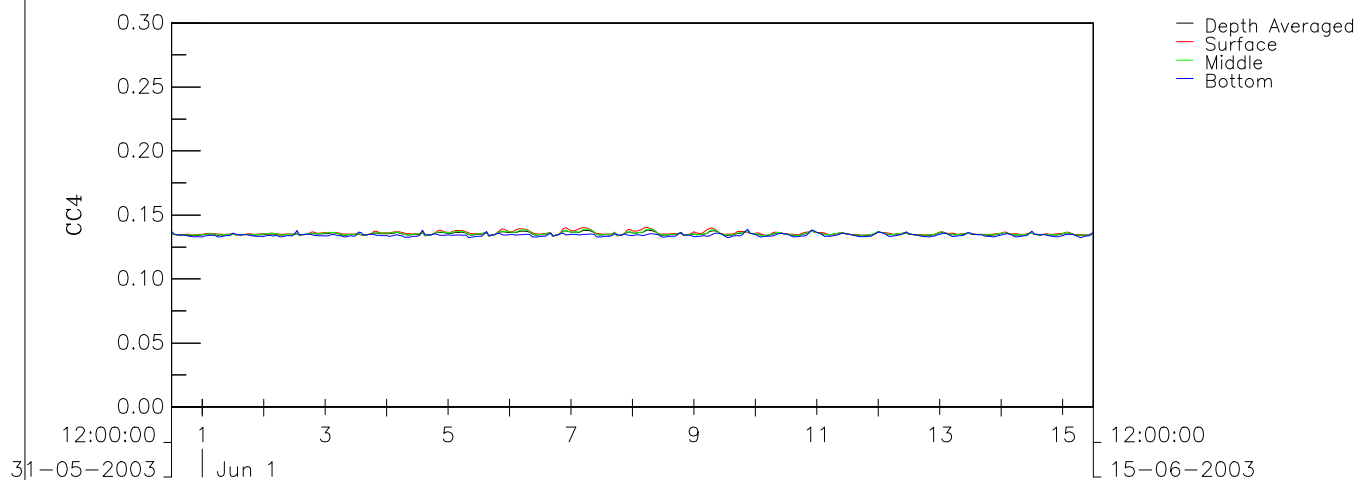
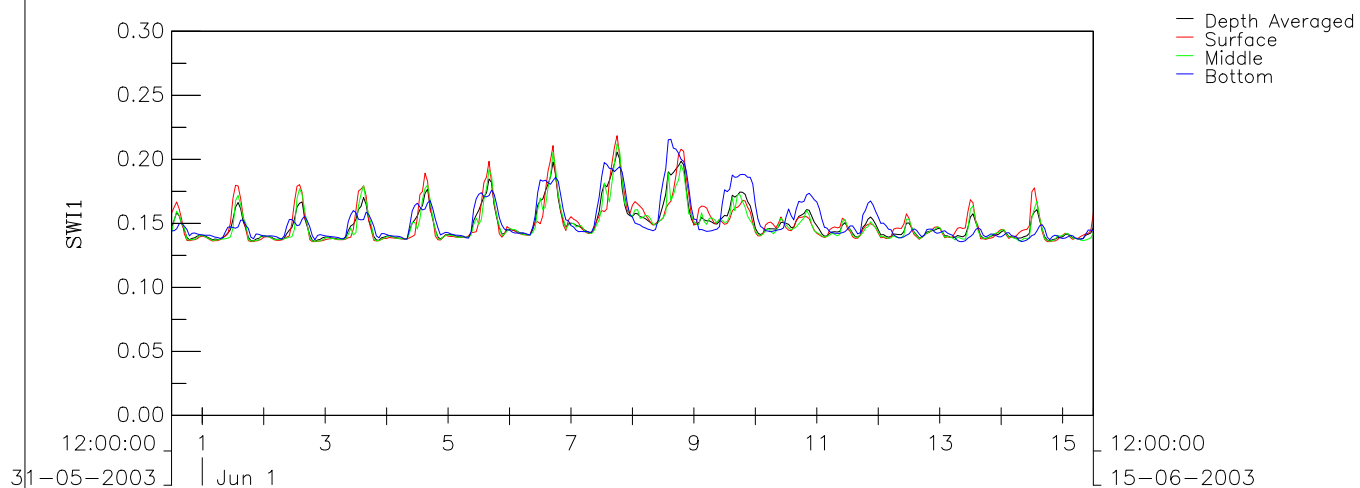
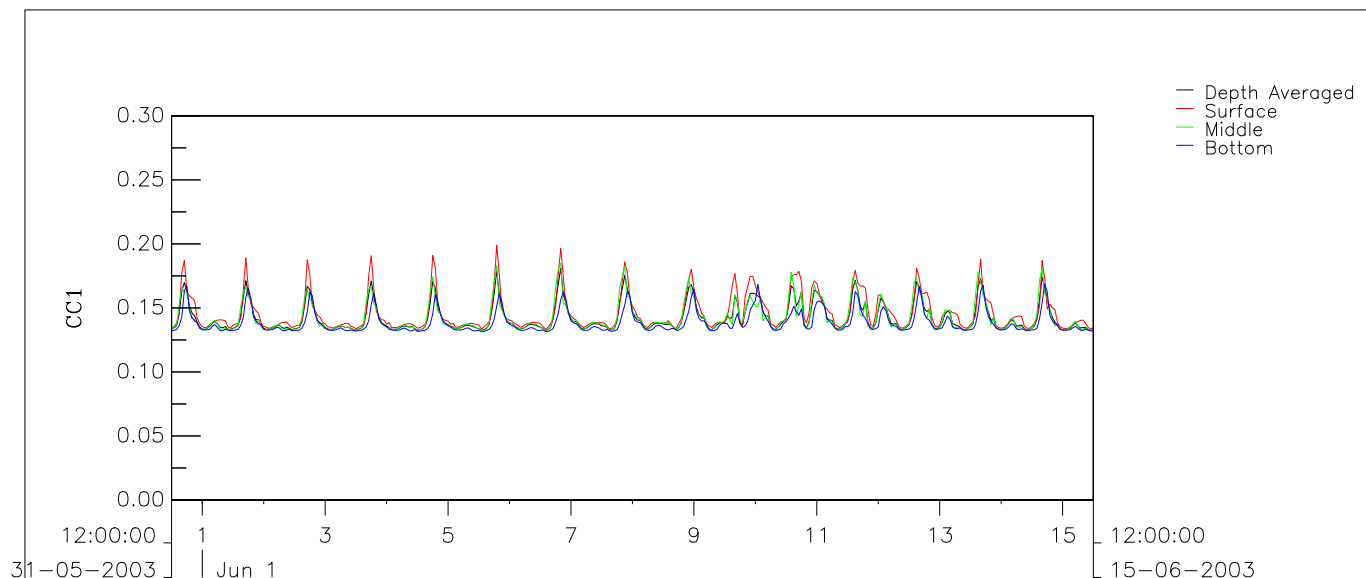
Total Inorganic Nitrogen Mixing Zone (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Wet Season

CBL Only

Drawing: S1a-TIN-Wet-His

Arup



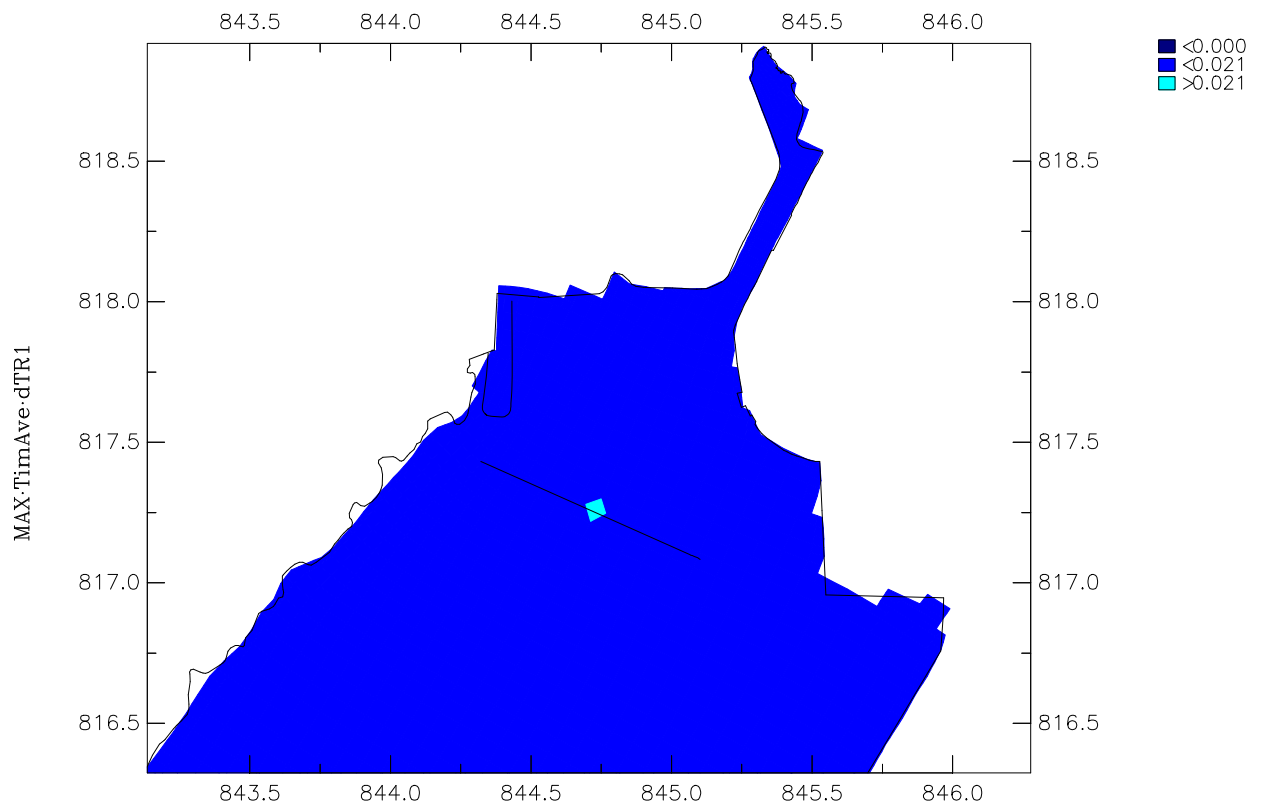
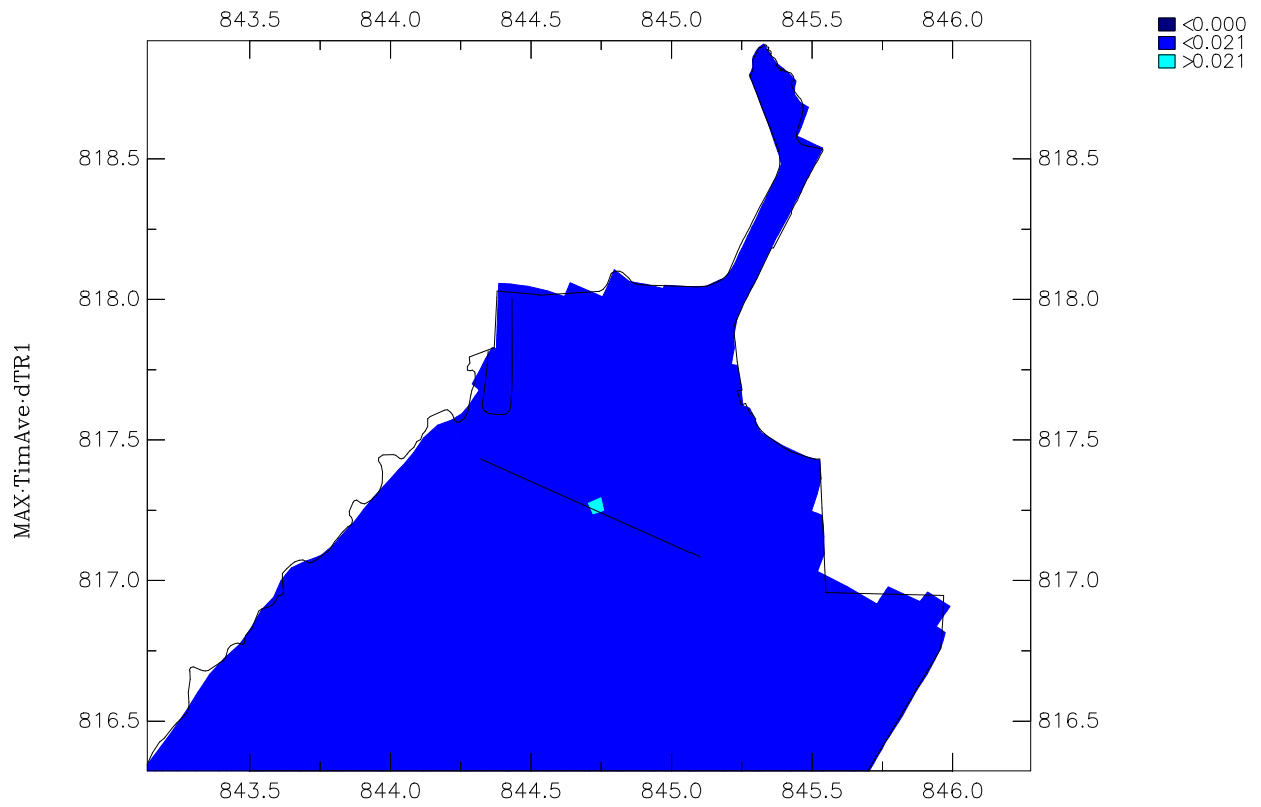
Total Inorganic Nitrogen Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-TIN-Wet-His2

Arup



Extent of UIA Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

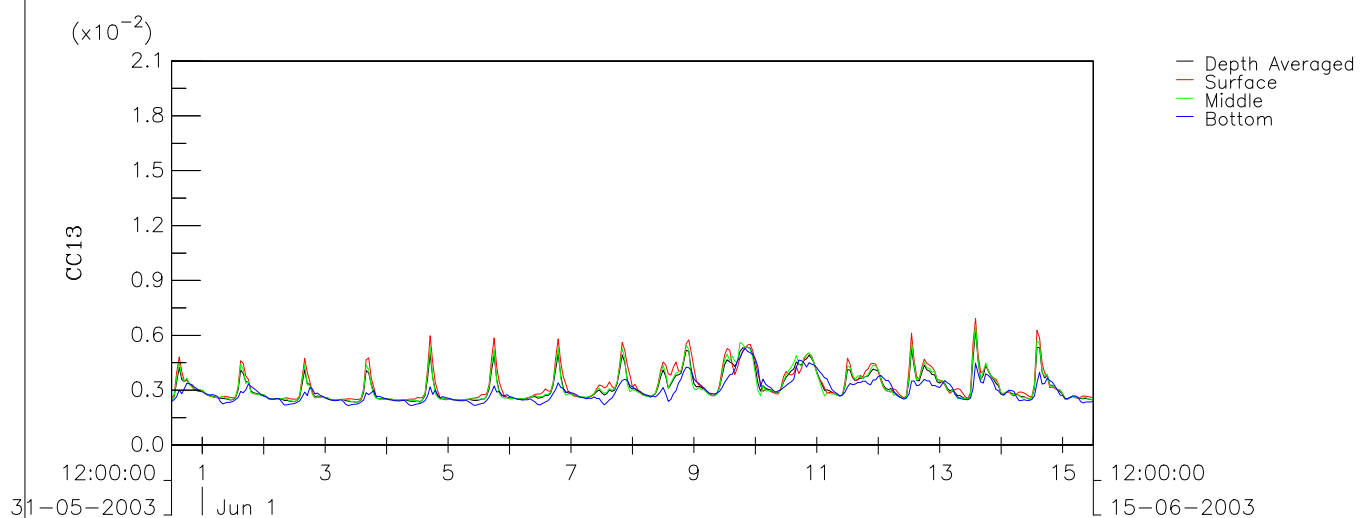
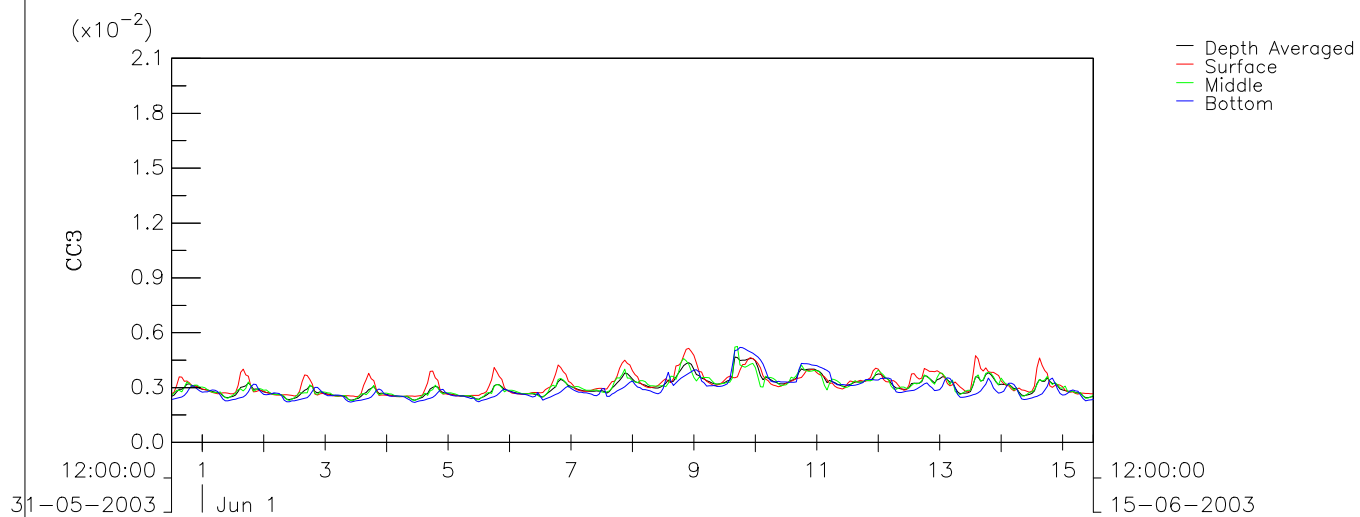
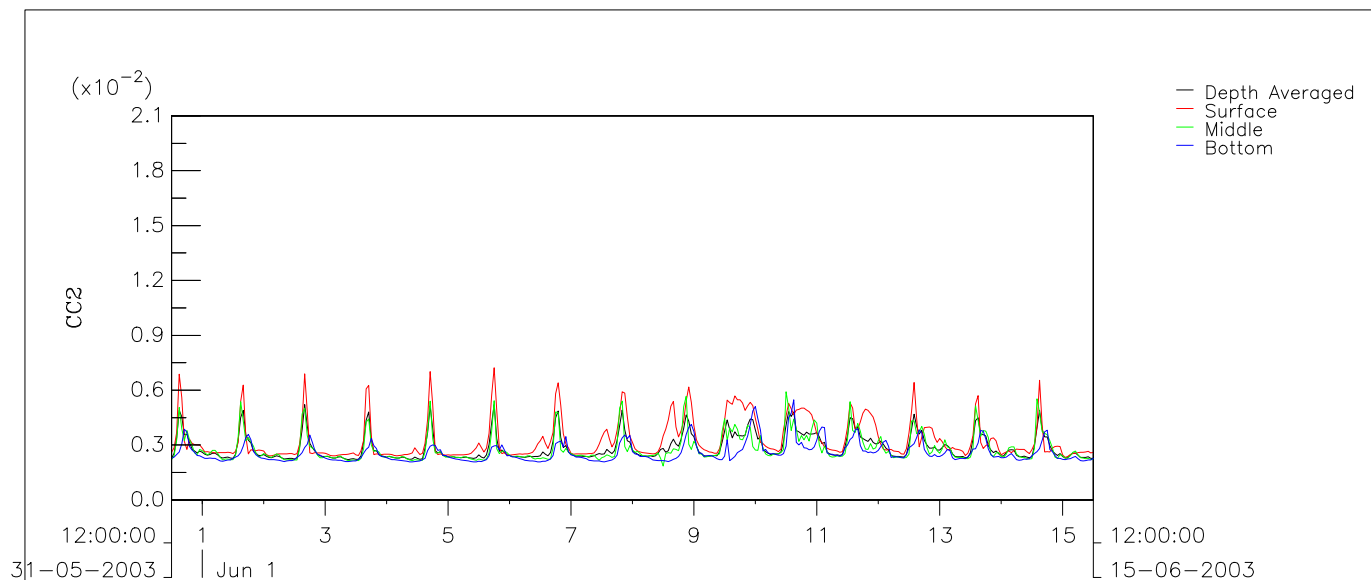
L – Lower Layer

Wet Season

CBL Only

Drawing: S1a–UIA–Wet–Map

Arup



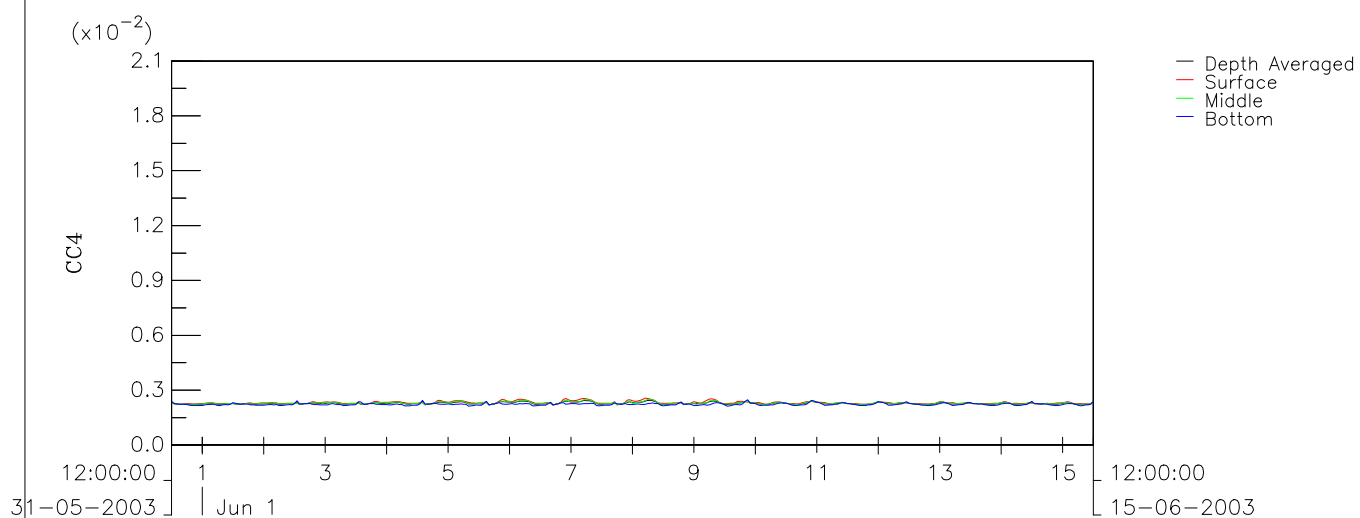
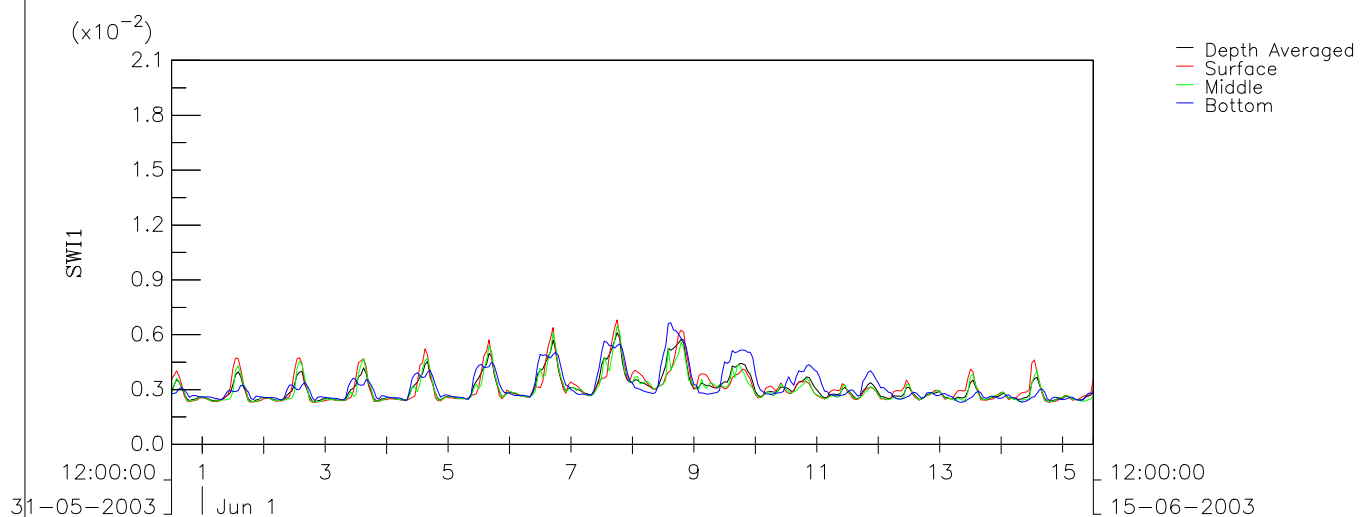
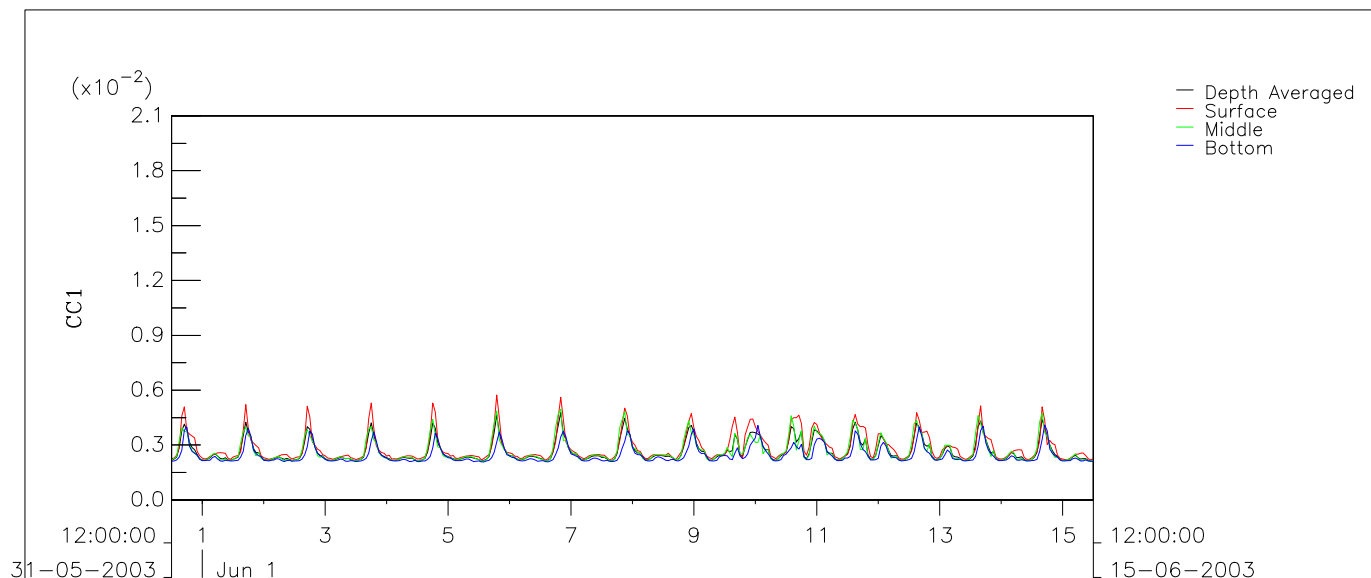
Unionized Ammonia Mixing Zone (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Wet Season

CBL Only

Drawing: S1a-UIA-Wet-His

Arup



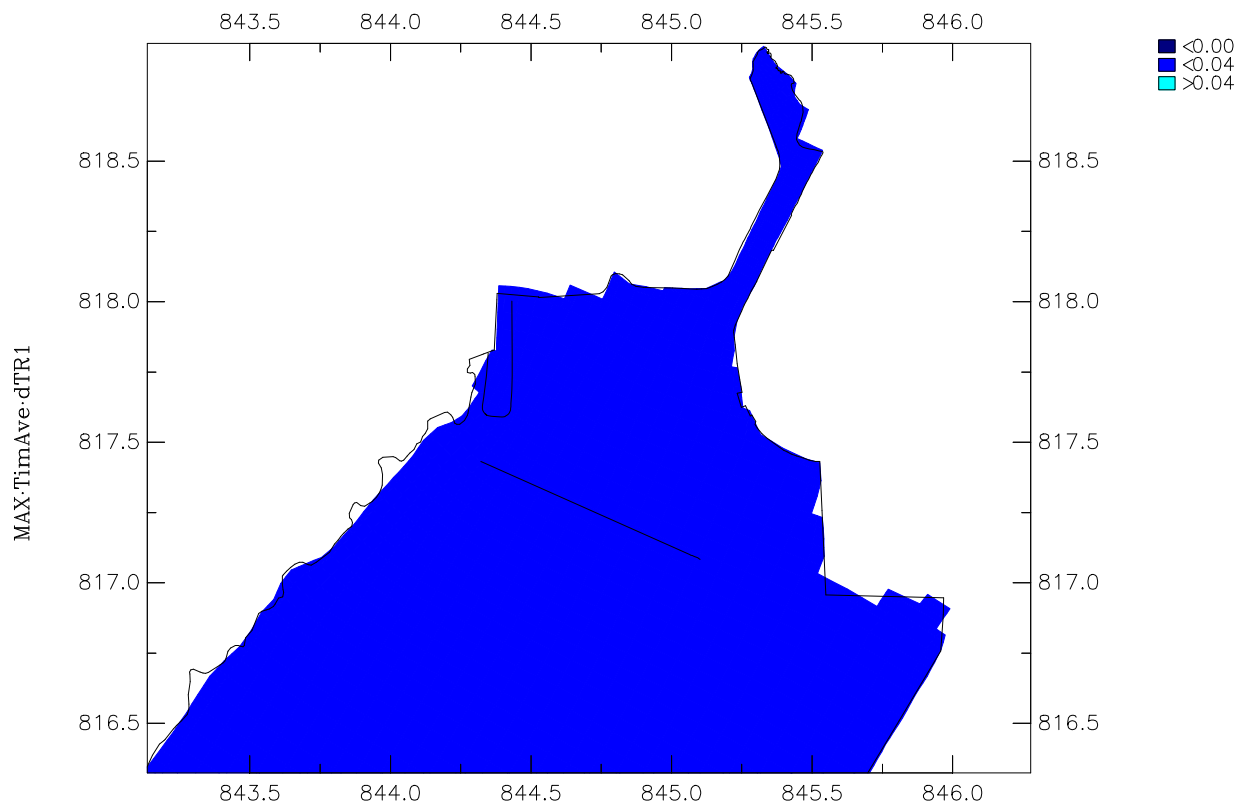
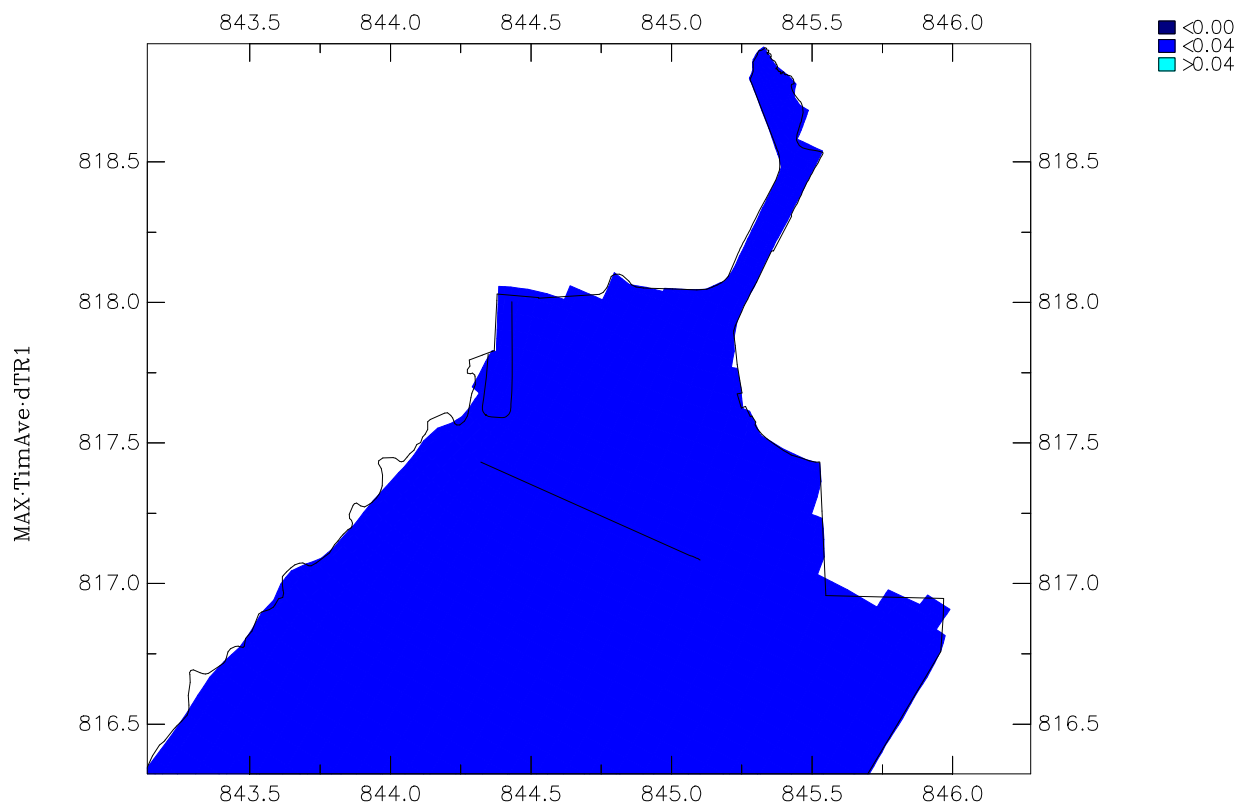
Unionized Ammonia Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-UIA-Wet-His2

Arup



Extent of Zn Mixing Zone (Scenario 1a) (mg/L)

U – Surface Layer

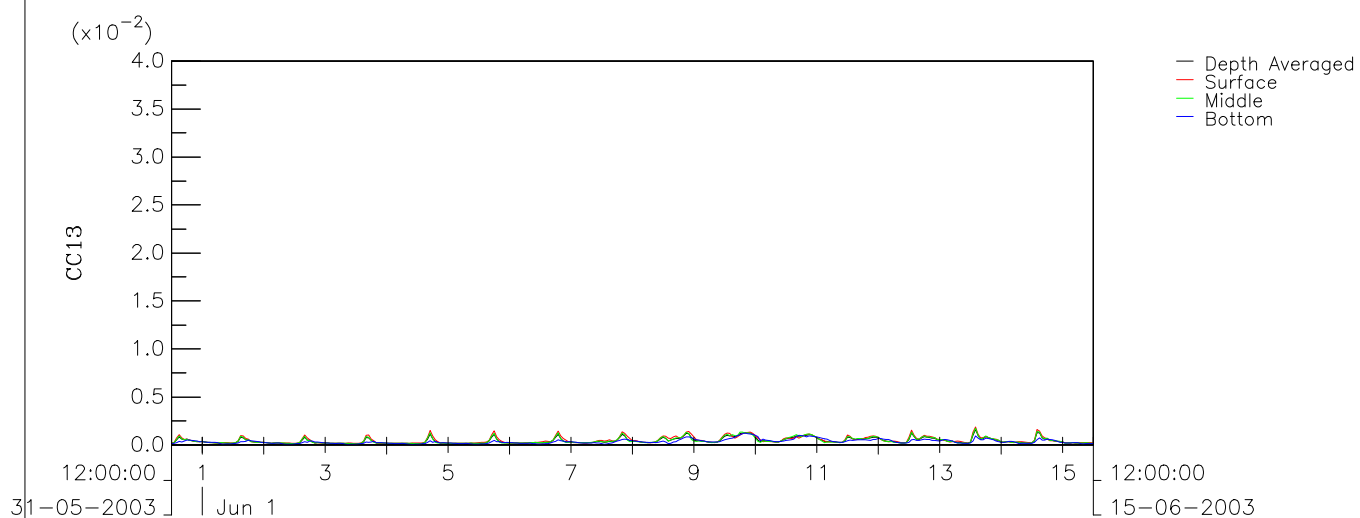
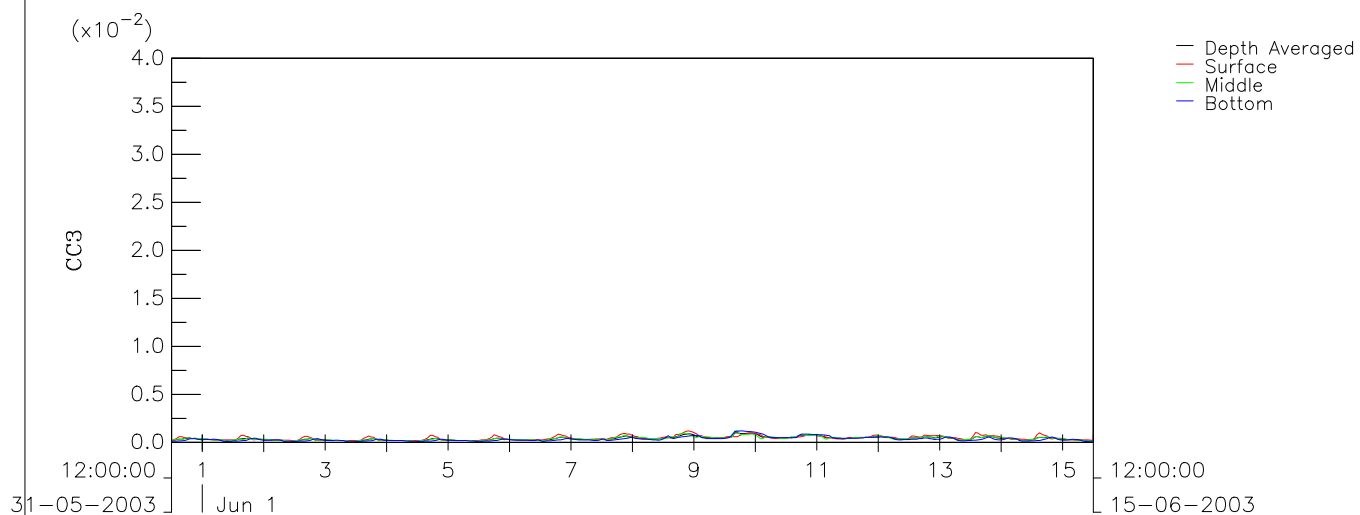
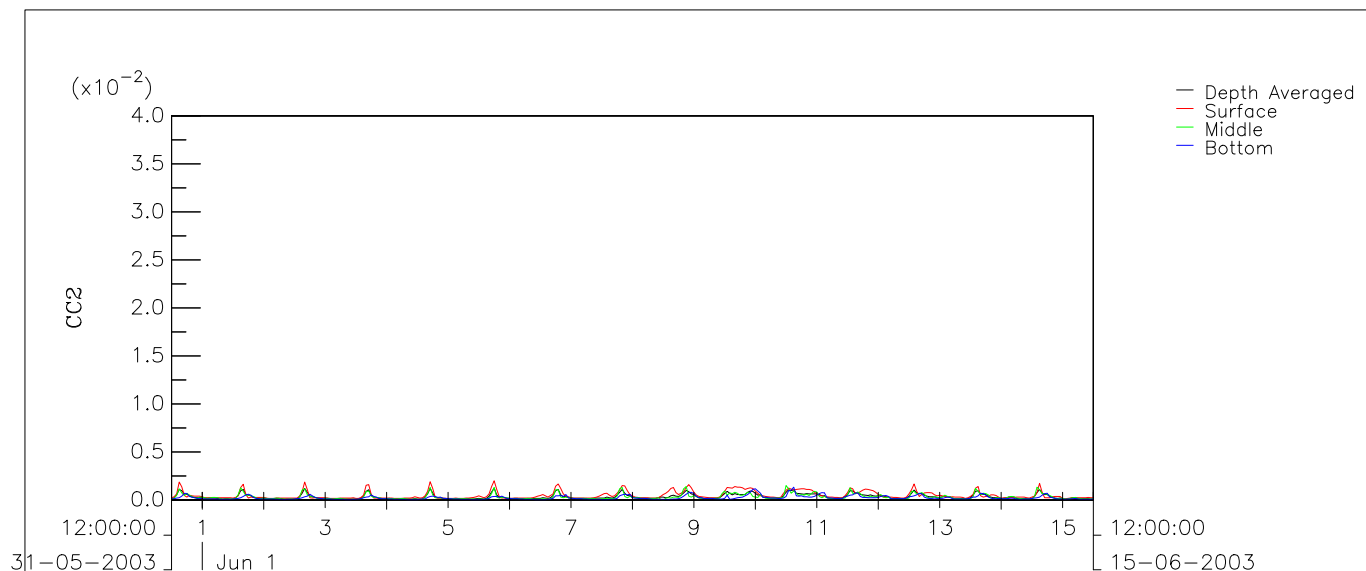
L – Lower Layer

Wet Season

CBL Only

Drawing: S1a–Zn–Wet–Map

Arup



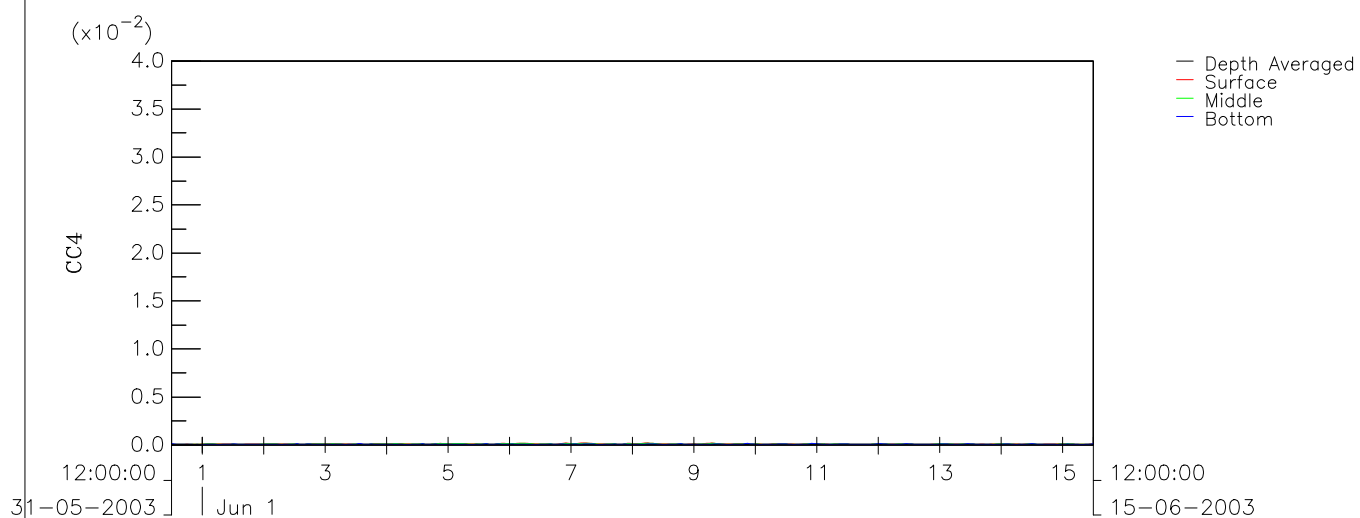
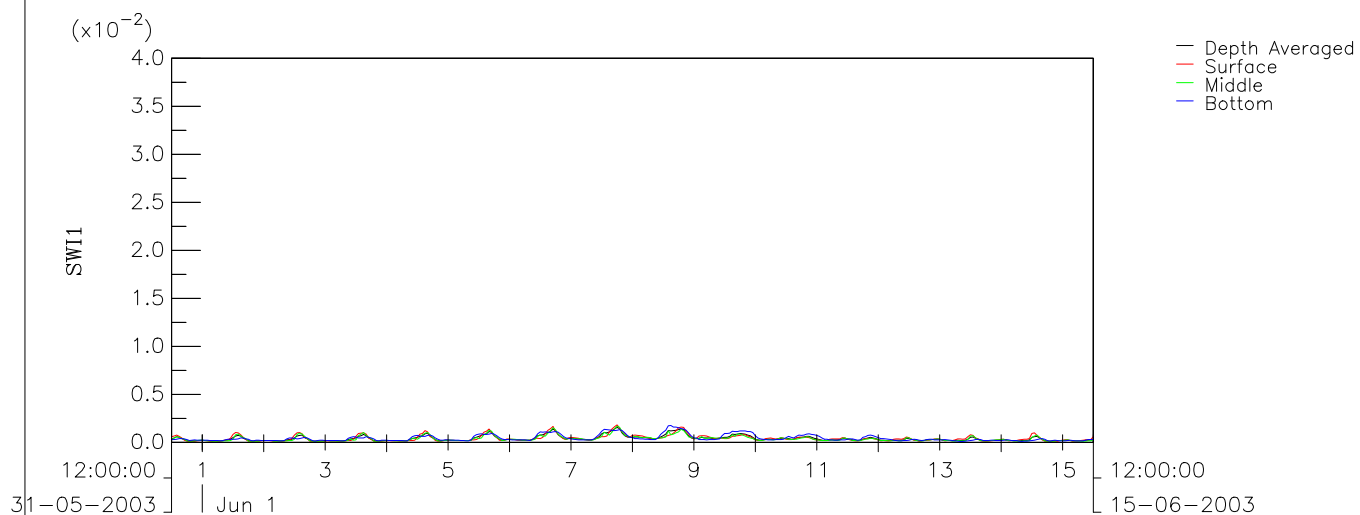
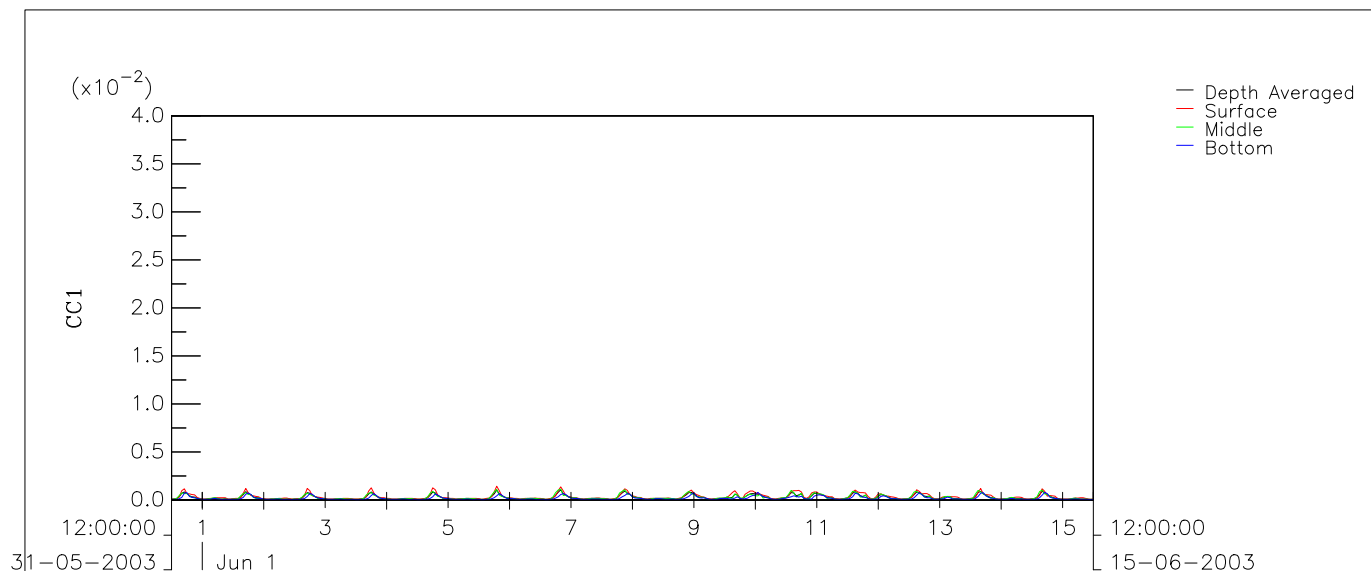
Zinc Mixing Zone (Scenario 1a) (mg/L)
CC2, CC3 and CC13

Wet Season

CBL Only

Drawing: S1a-Zn-Wet-His

Arup



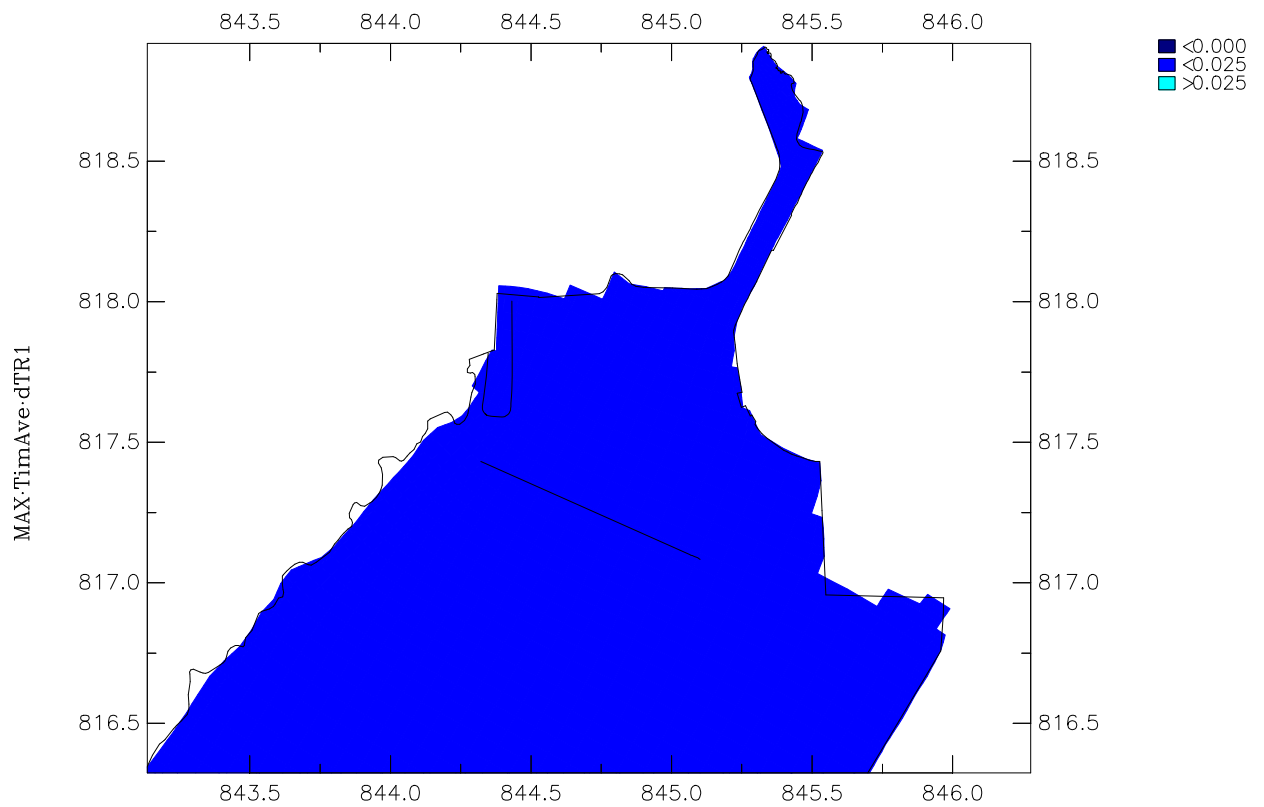
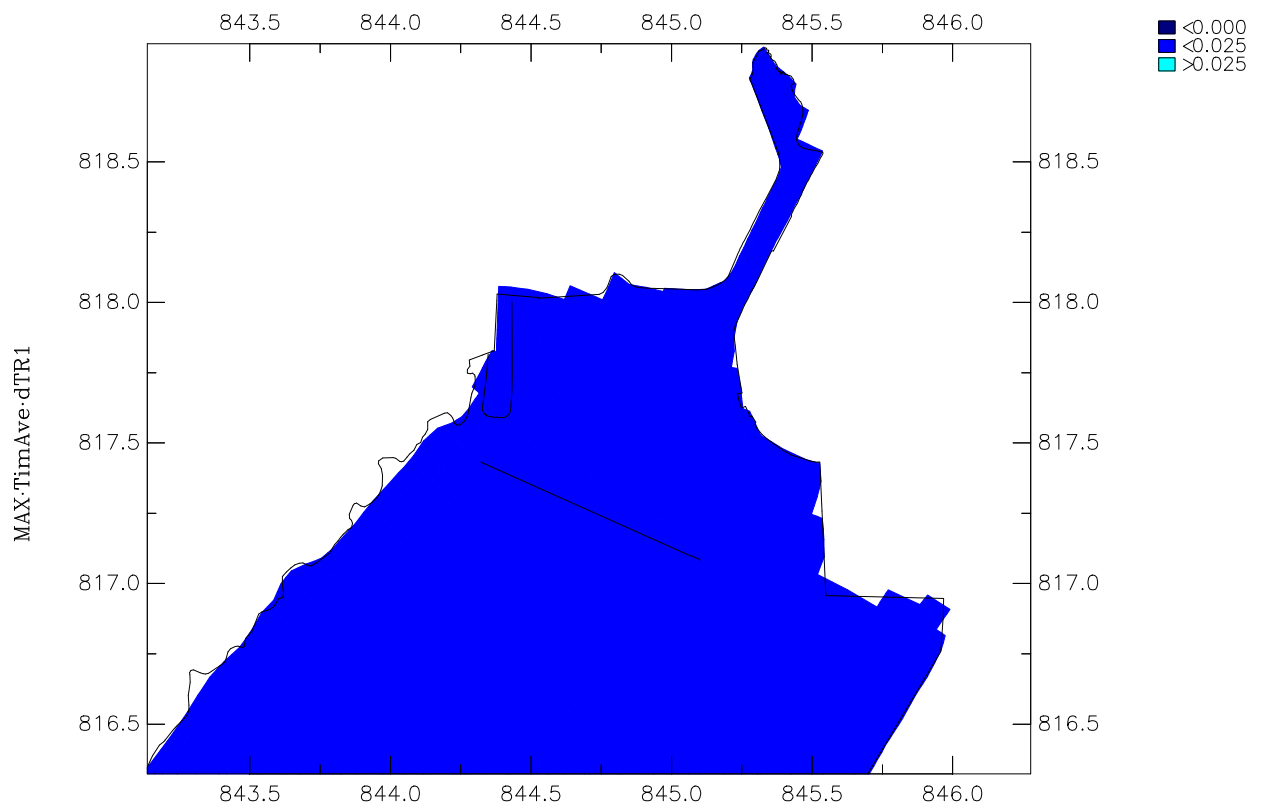
Zinc Mixing Zone (Scenario 1a) (mg/L)
CC1, SWI1 and CC4

Wet Season

CBL Only

Drawing: S1a-Zn-Wet-His2

Arup



Extent of As Mixing Zone (Scenario 1c) (mg/L)

U – Surface Layer

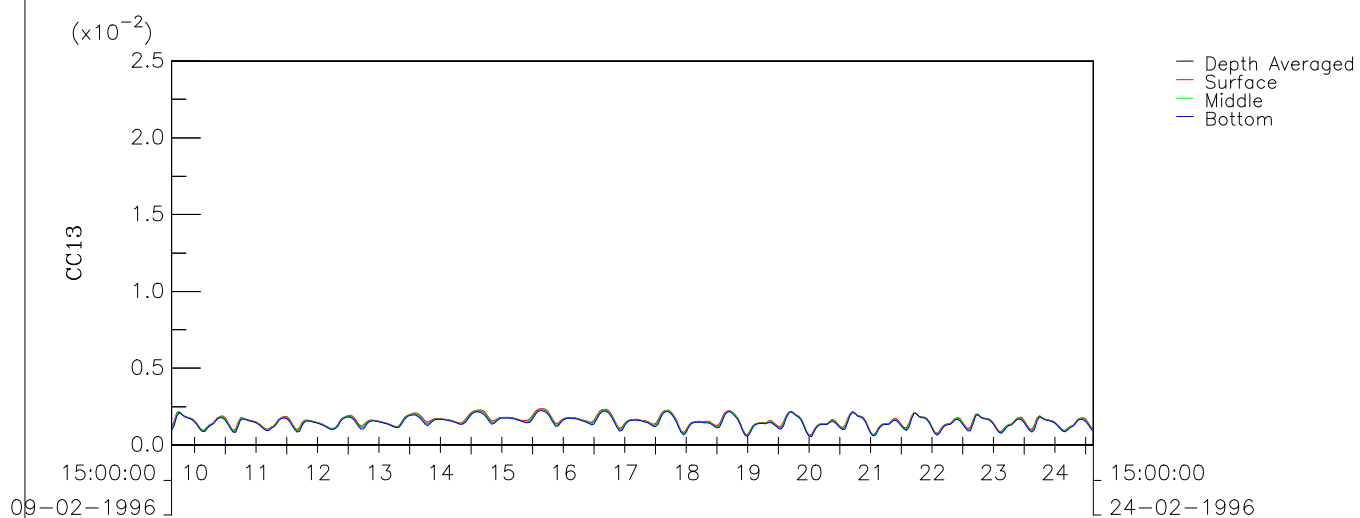
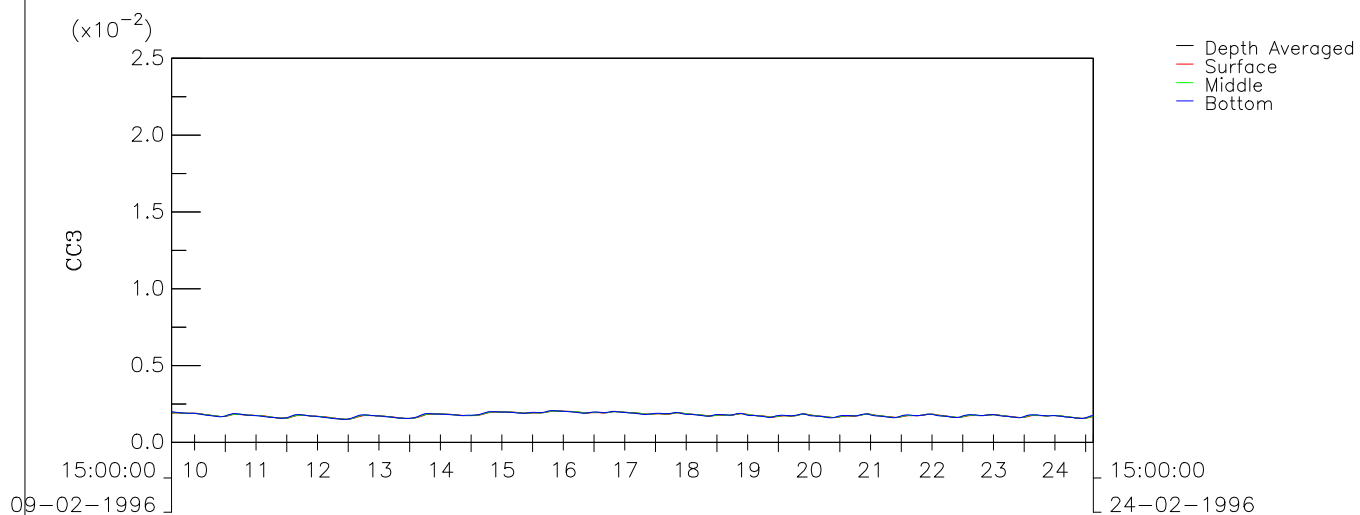
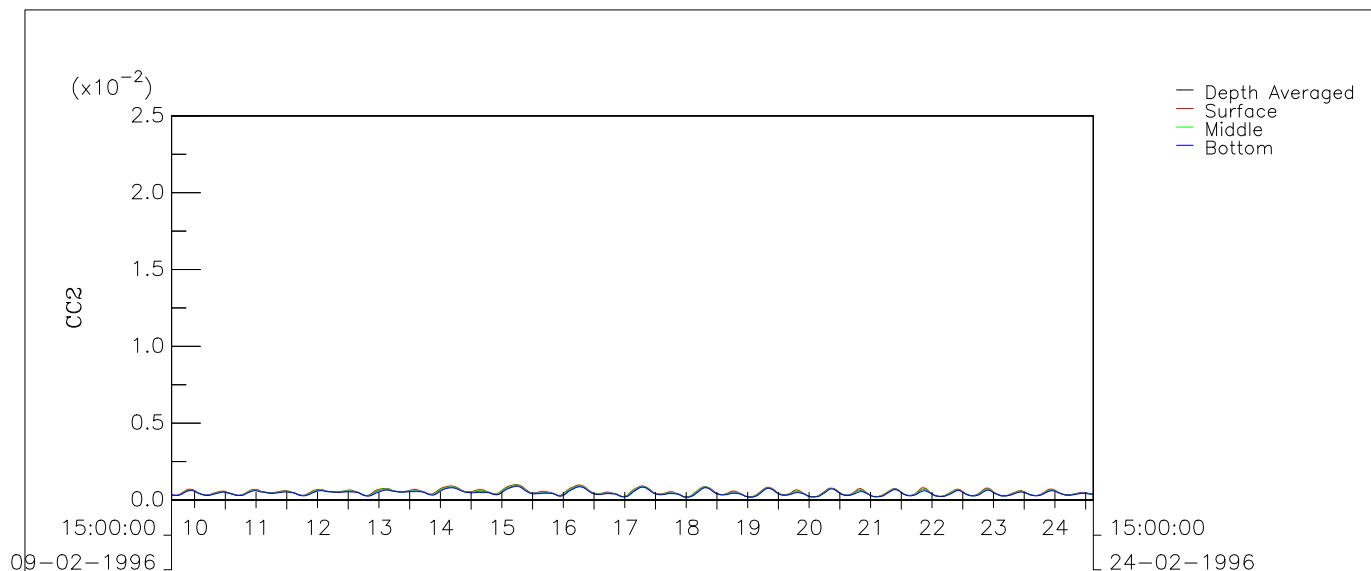
L – Lower Layer

Dry Season

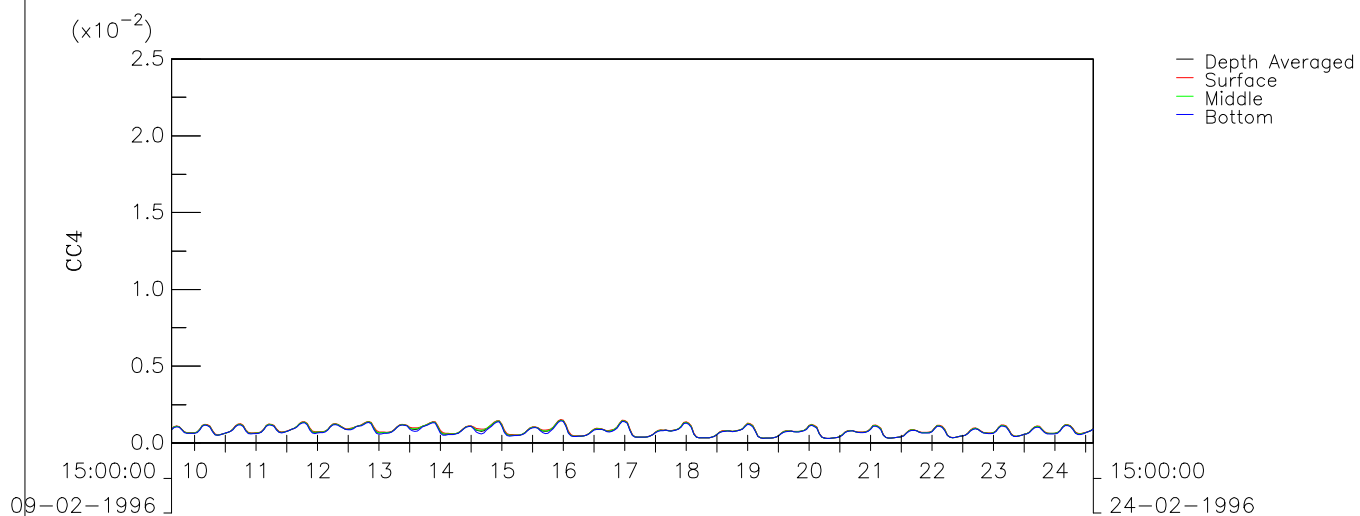
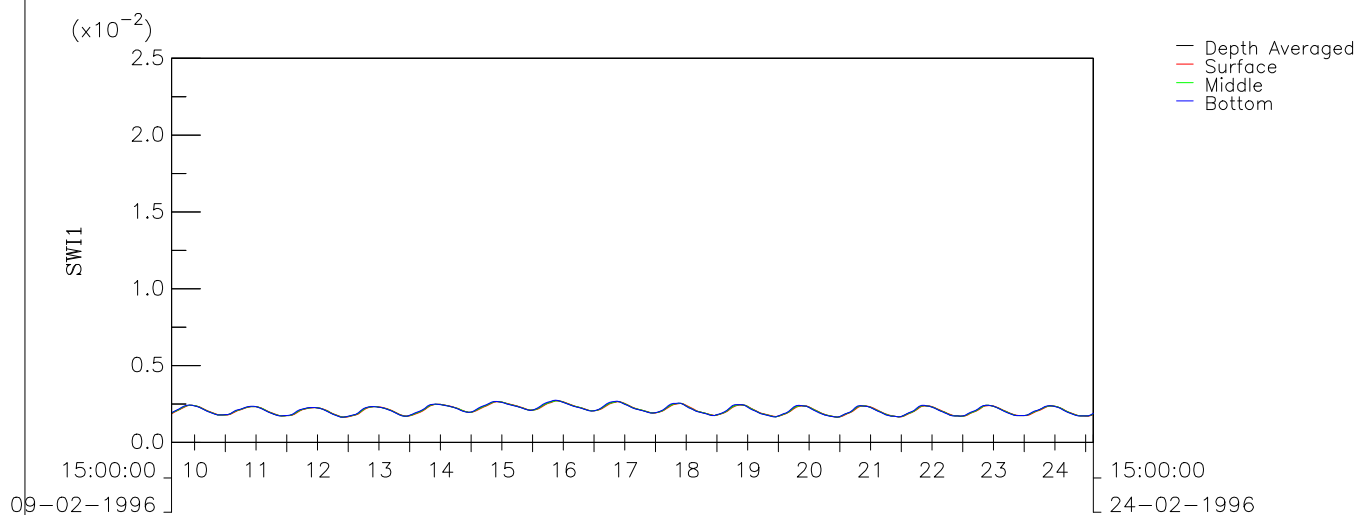
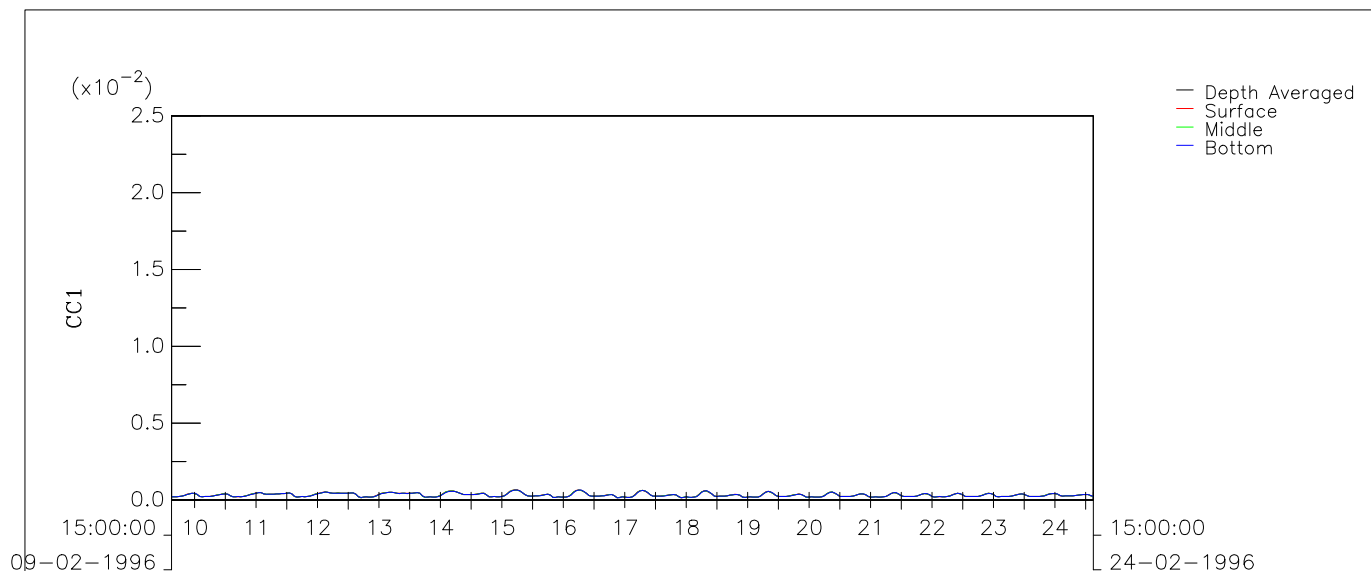
Cumulative

Drawing: S1c–As–Dry–Map

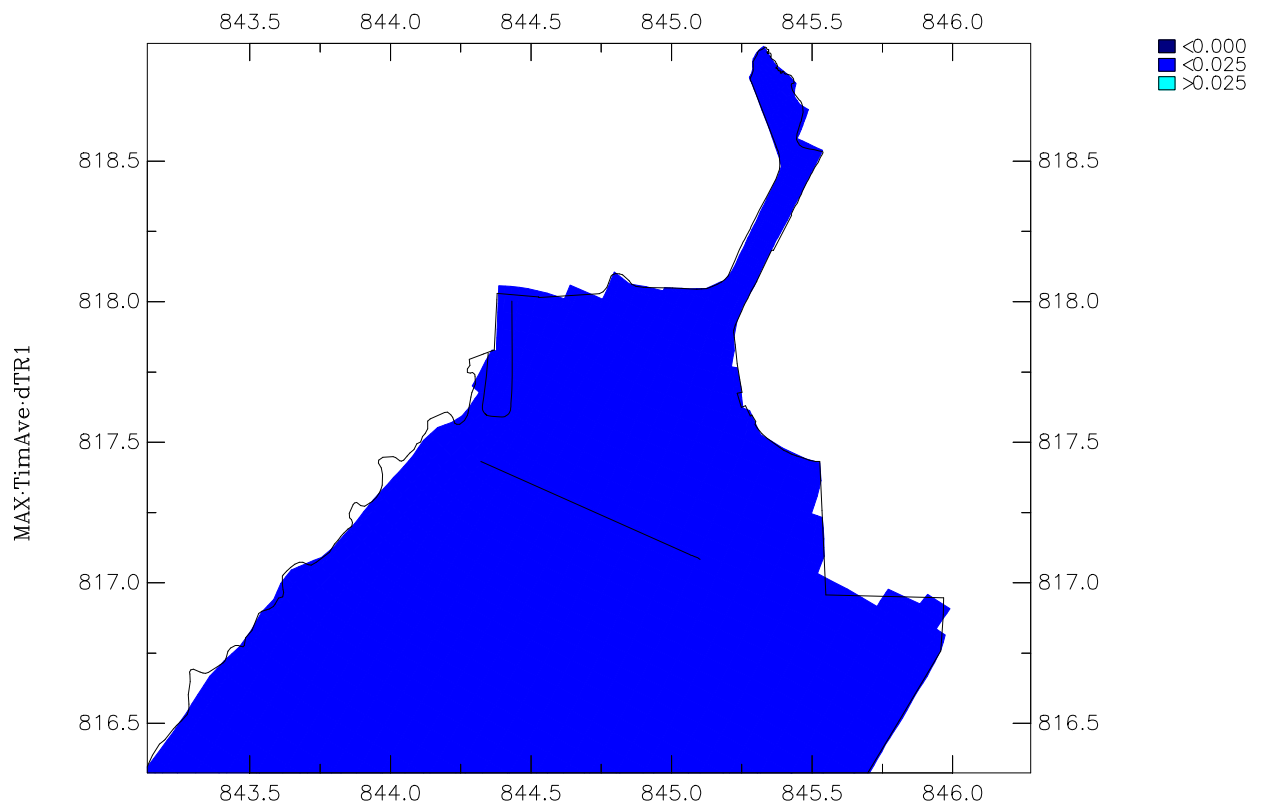
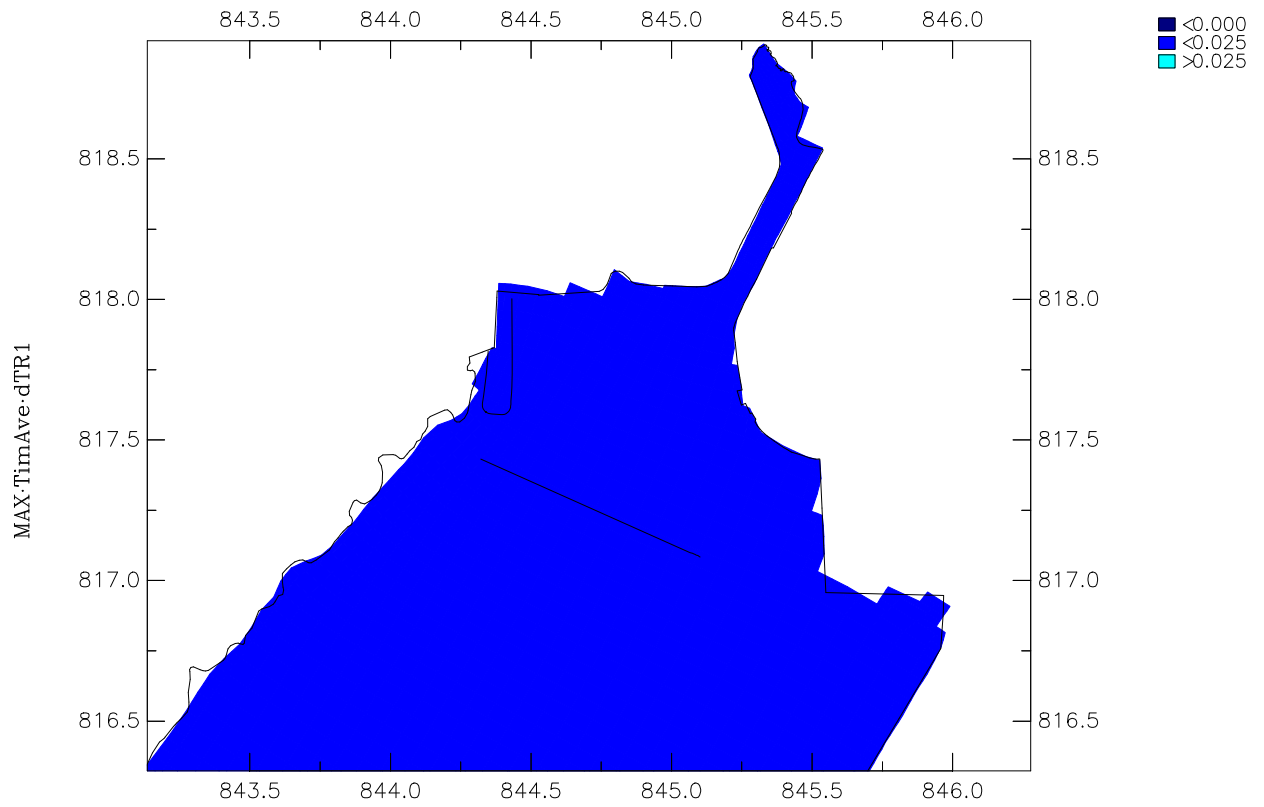
Arup



Arsenic (Scenario 1c) (mg/L) CC2, CC3 and CC13	Dry Season	Cumulative
	Drawing: S1c-As-Dry-His	
Arup		



Arsenic (Scenario 1c) (mg/L) CC1, SWI1 and CC4	Dry Season	Cumulative
	Drawing: S1c-As-Dry-His2	
Arup		



Extent of As Mixing Zone (Scenario 1c) (mg/L)

U – Surface Layer

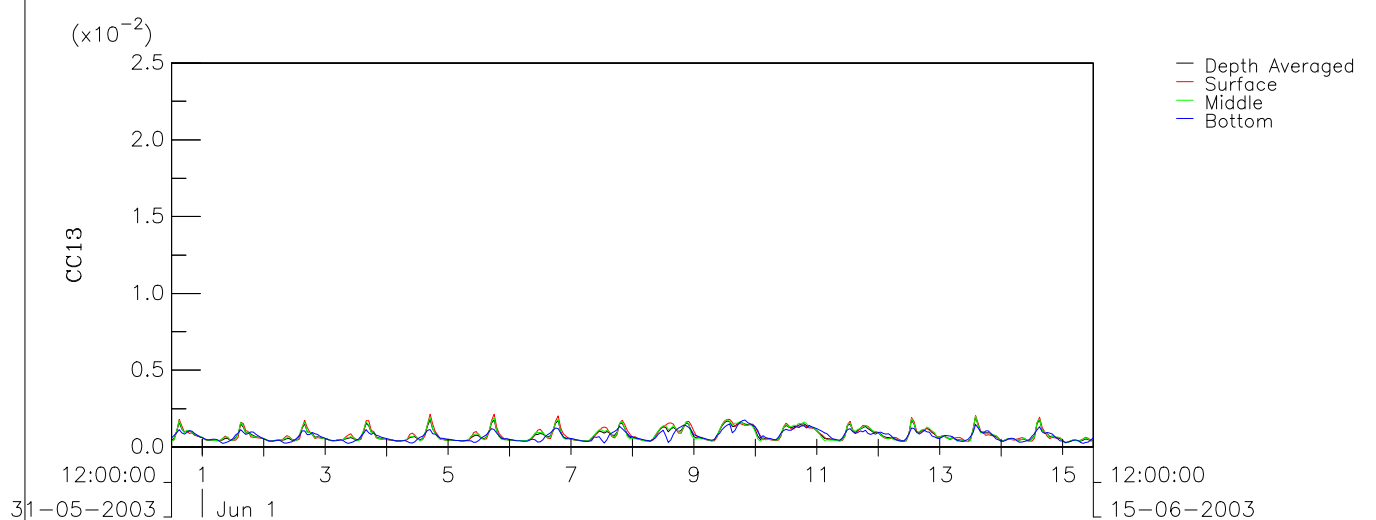
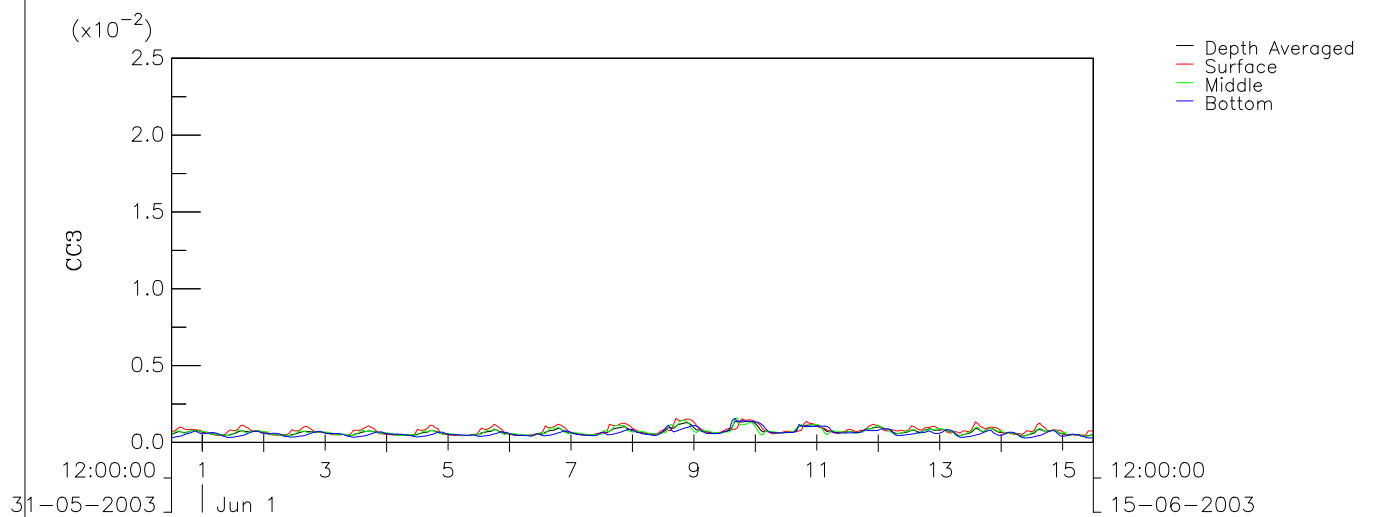
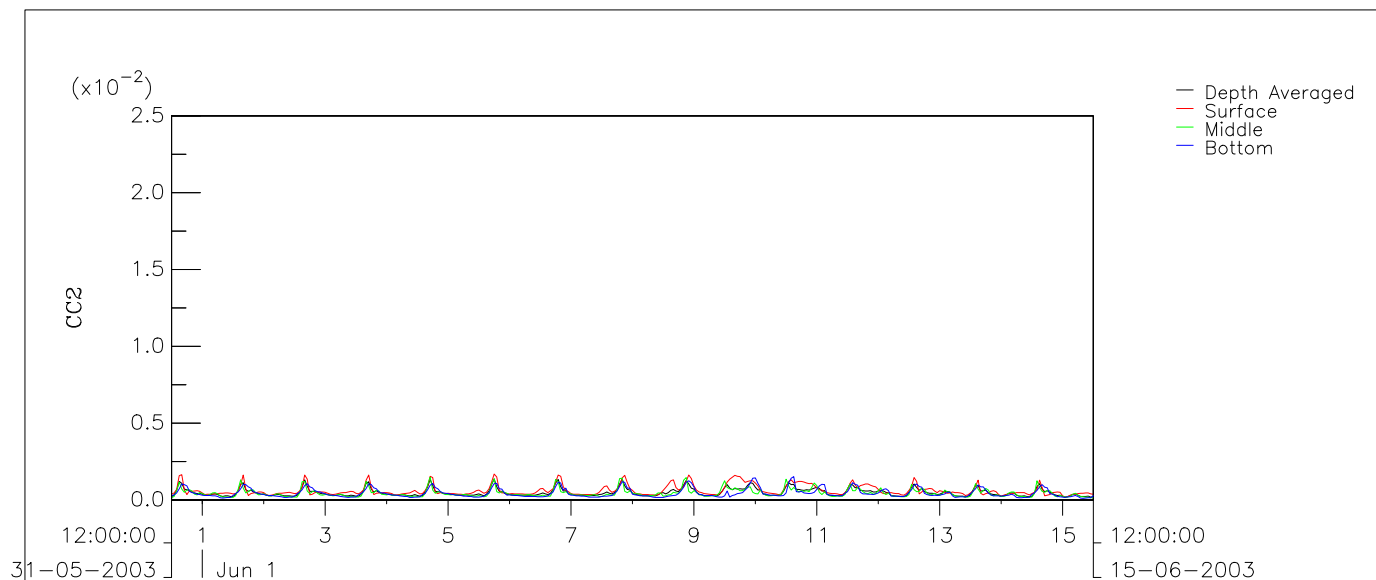
L – Lower Layer

Wet Season

Cumulative

Drawing: S1c–As–Wet–Map

Arup



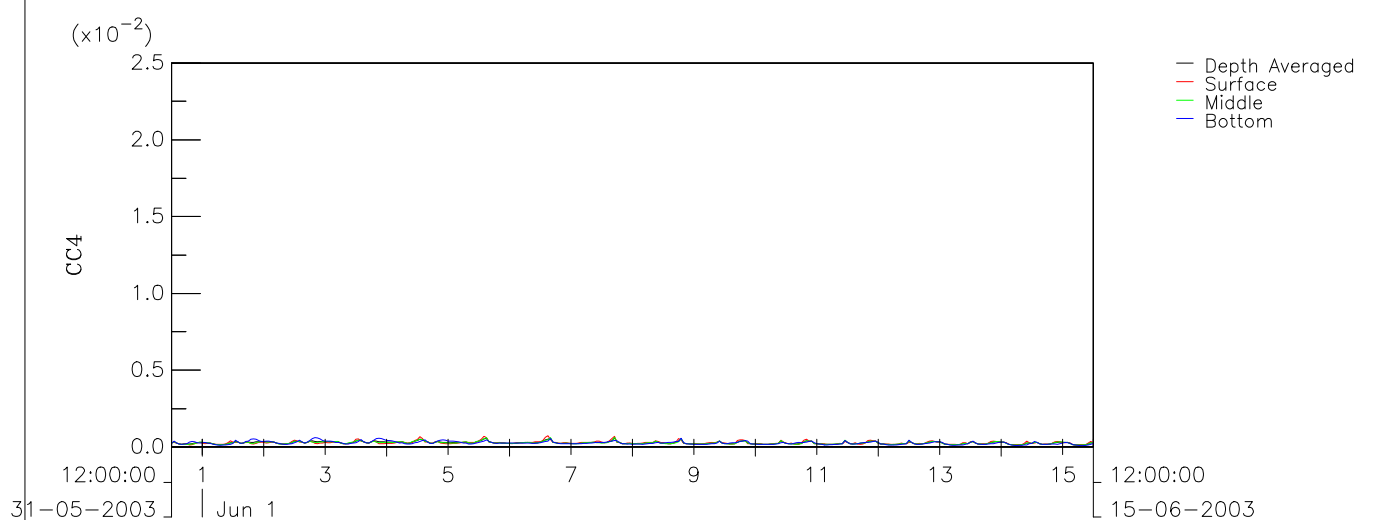
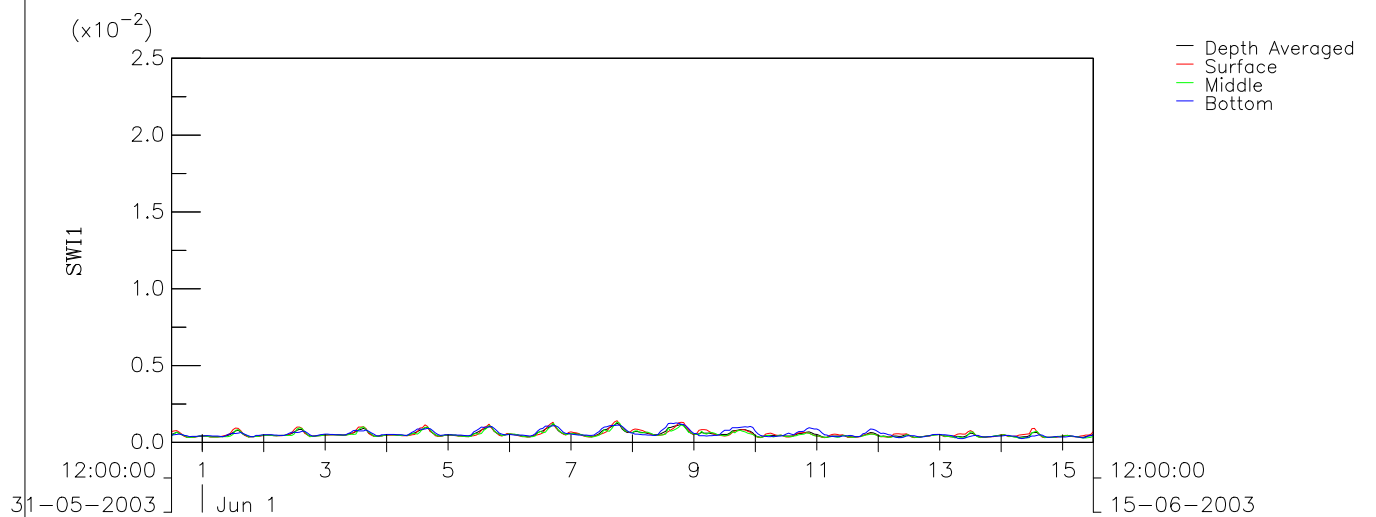
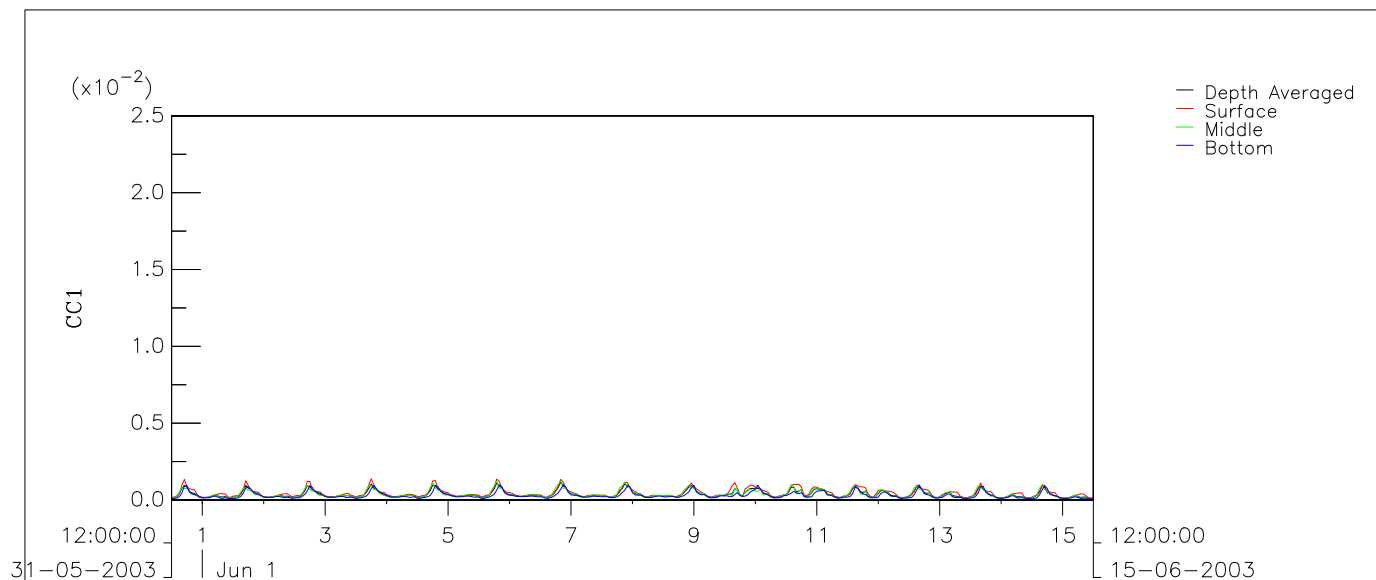
Asenic (Scenario 1c) (mg/L)
CC2, CC3 and CC13

Wet Season

Cumulative

Drawing: S1c-As-Wet-His

Arup



Arsenic (Scenario 1c) (mg/L) CC1, SWI1 and CC4	Wet Season	Cumulative
	Drawing: S1c-As-Wet-His2	
Arup		