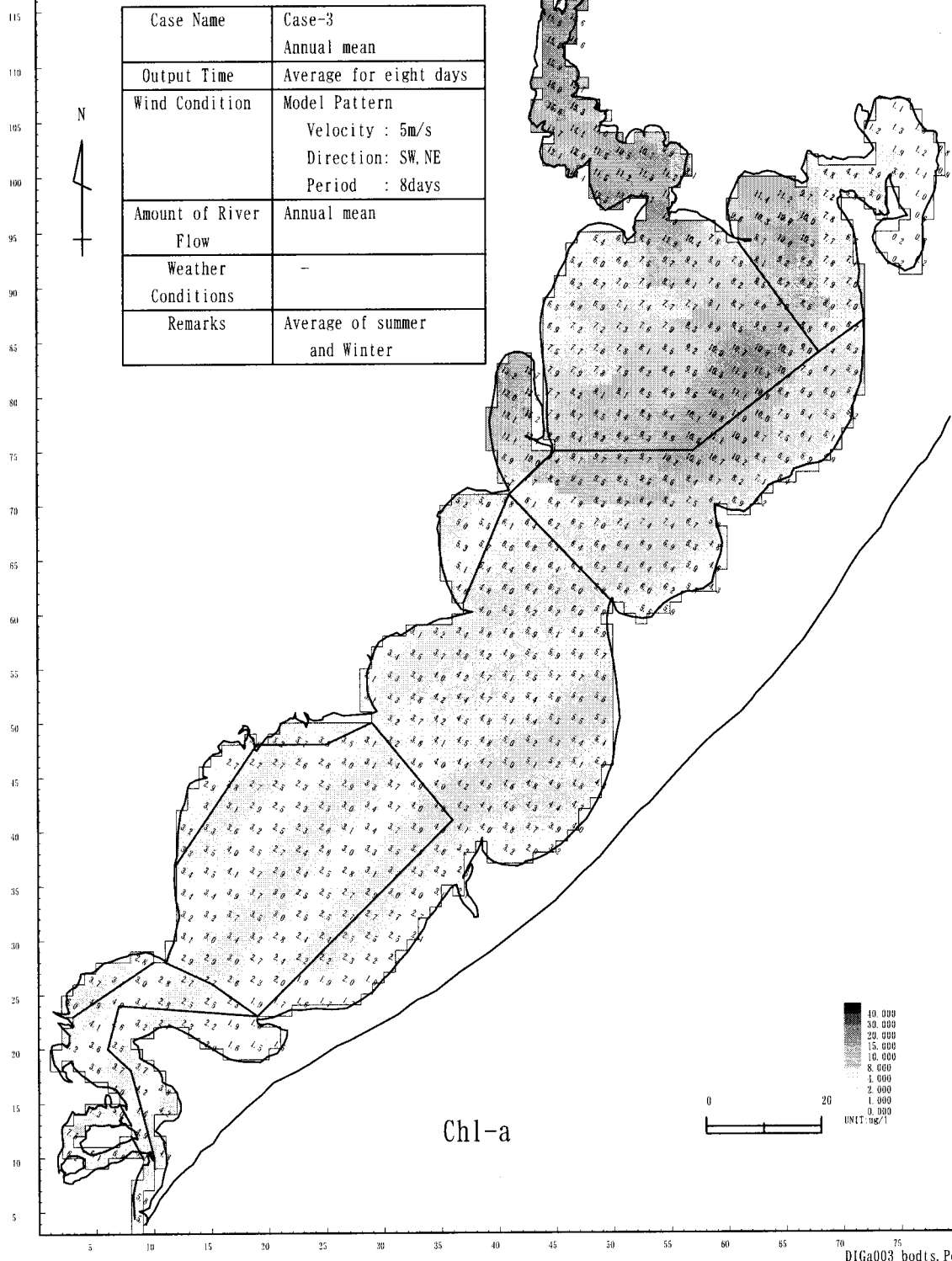


SIM-F-6

Calculated Water Quality Distribution (Annual Mean)
(Reduction Rate of Inflow Load : Main Rivers -20 %, Others –50 %)

- 1 : Calculated Chl-a Distribution**
- 2 : Calculated T-N Distribution**
- 3 : Calculated T-P Distribution**
- 4 : Calculated BOD Distribution**
- 5 : Calculated COD**
- 6 : Calculated SS**

DAY = 83 HOUR = 0



Case Name	Case-3 Annual mean
Output Time	Average for eight days
Wind Condition	Model Pattern Velocity : 5m/s Direction: SW, NE Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and Winter

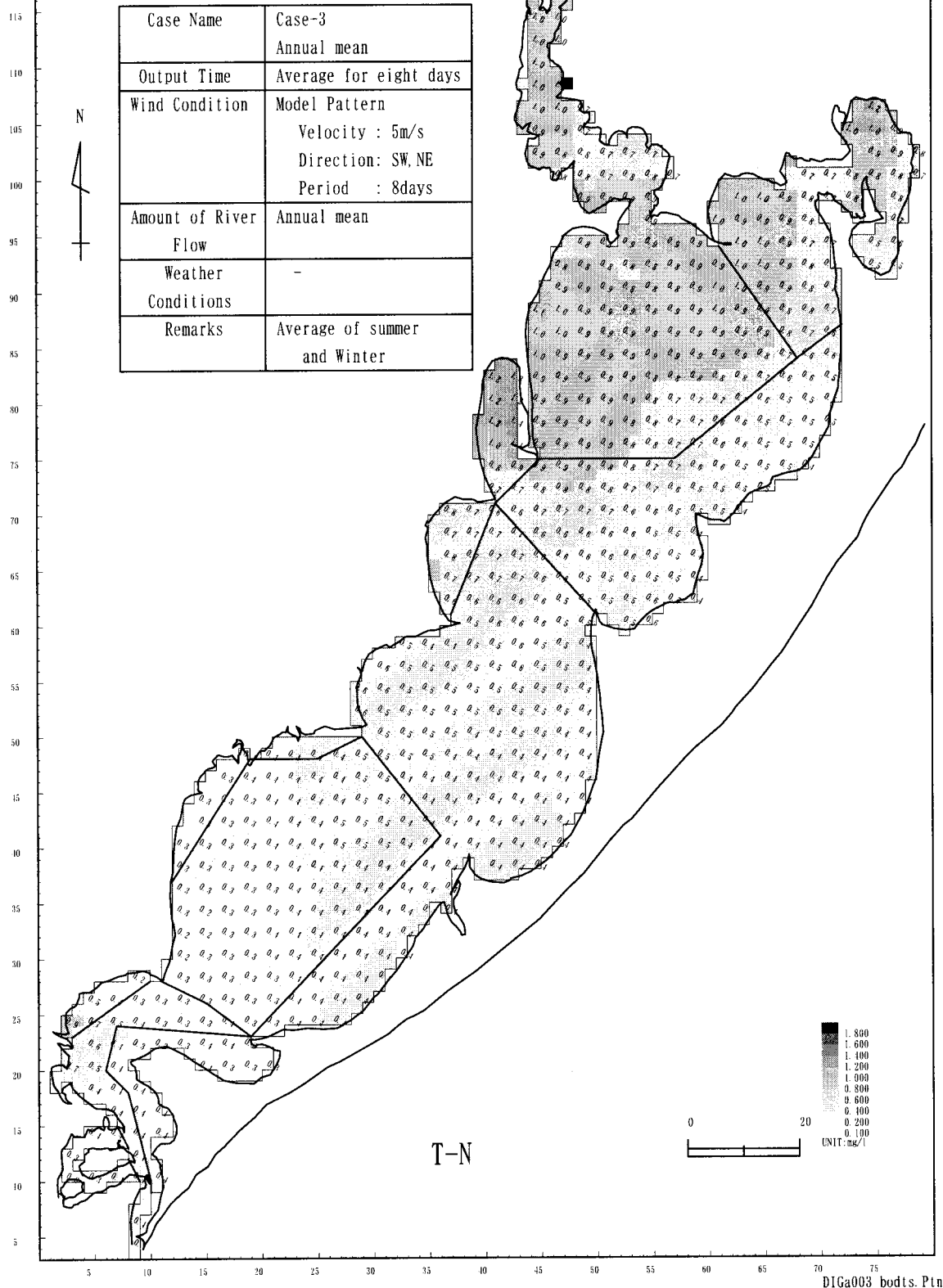
THE STUDY ON THE ENVIRONMENTAL MANAGEMENT
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SIM-F-6-1

Calculated Chl-a
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

DAY = 83 HOUR = 0



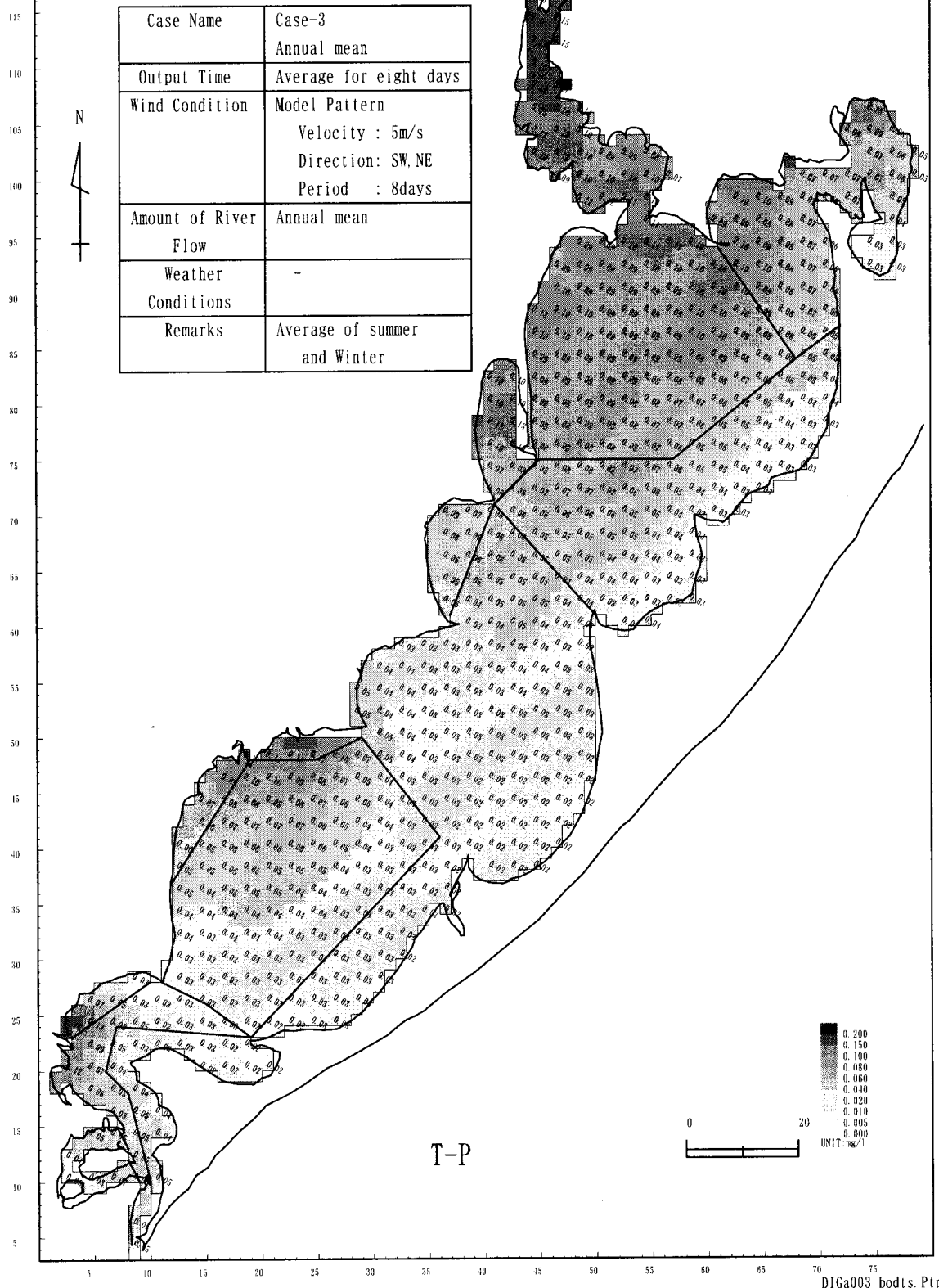
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SIM-F-6-2

Calculated T-N
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

DAY = 83 HOUR = 0



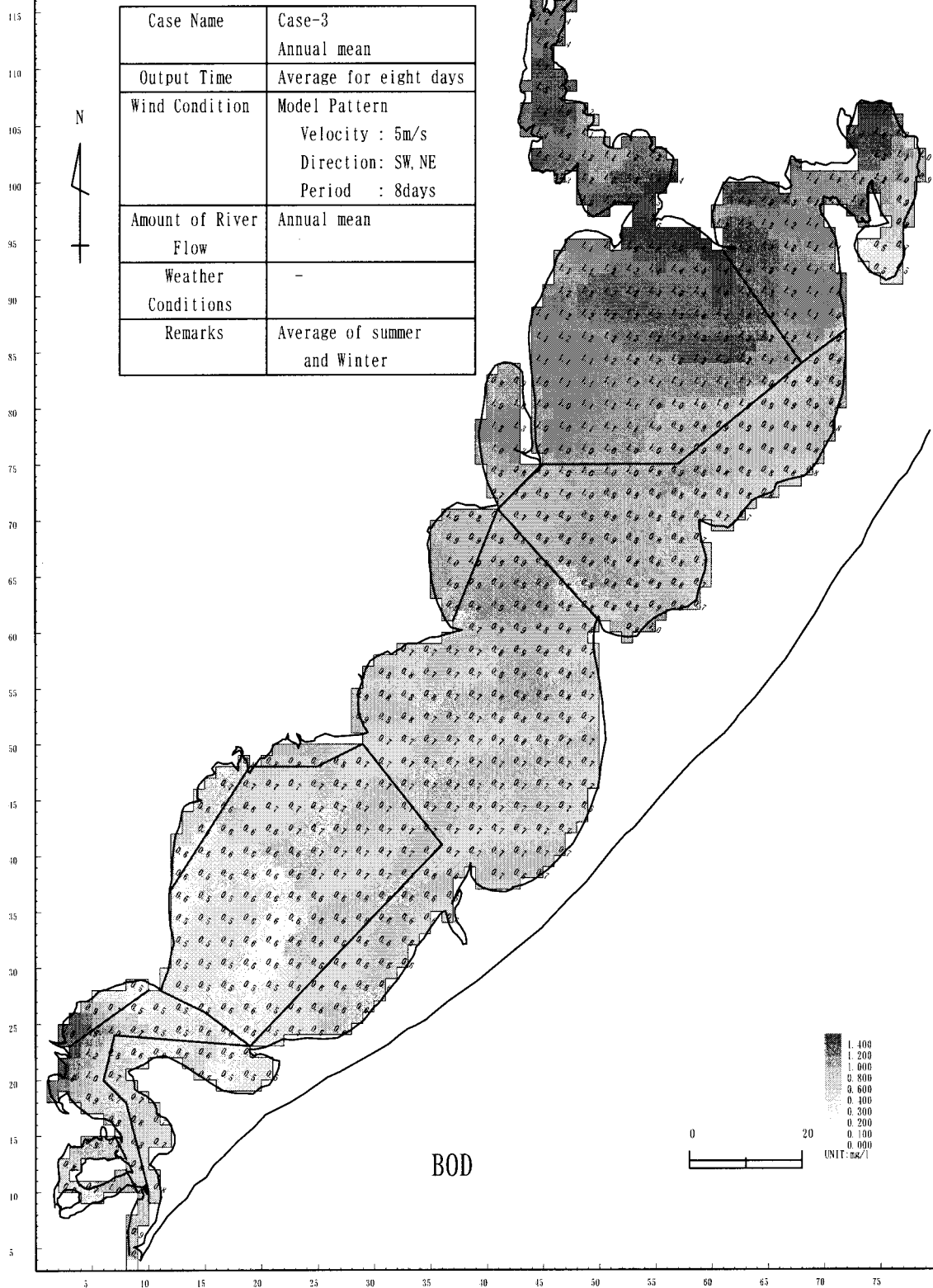
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SIM-F-6-3

Calculated T-P
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

DAY = 83 HOUR = 0



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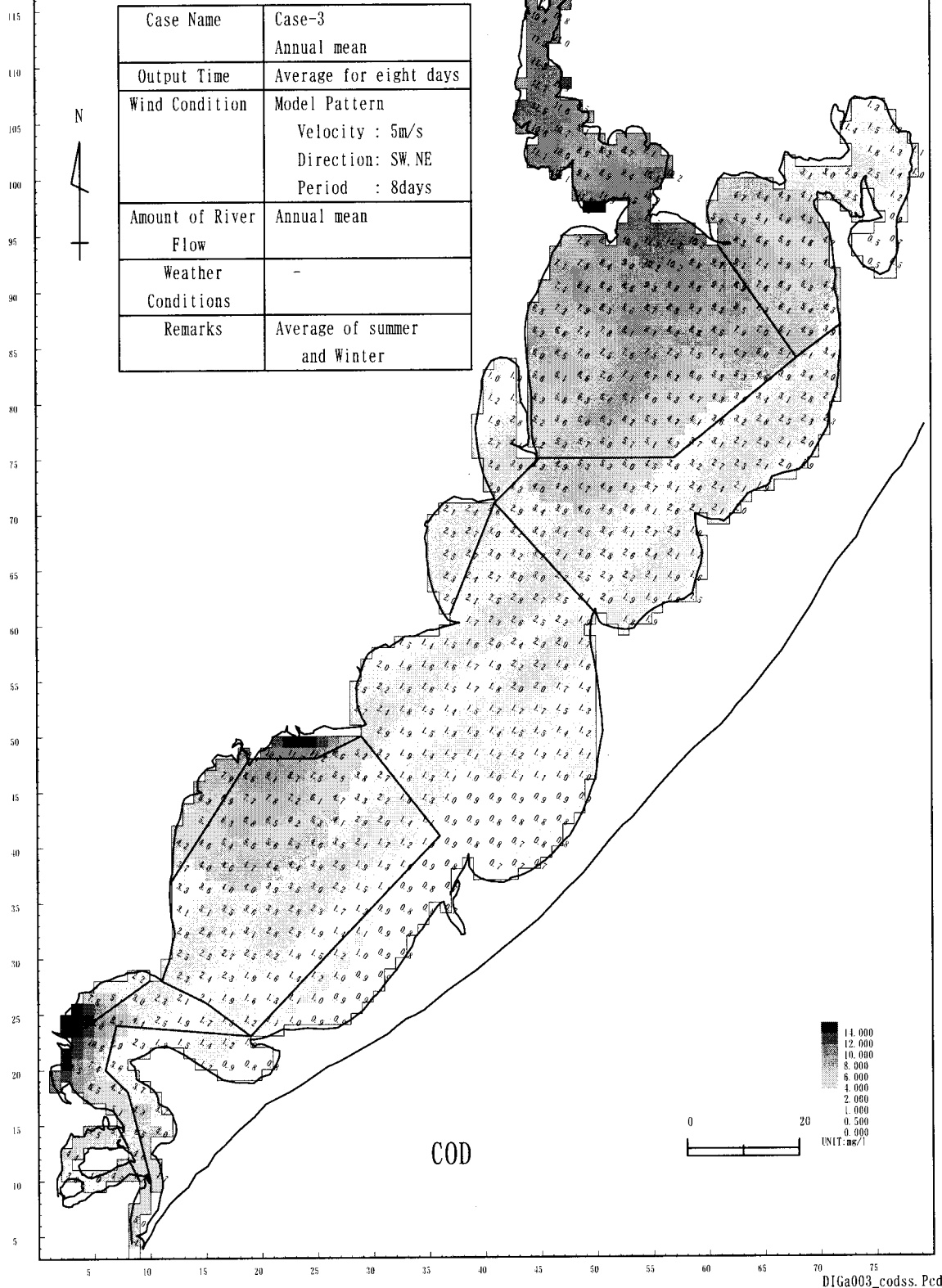
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SIM-F-6-4

Calculated BOD
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

DAY = 83 HOUR = 0



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SIM-F-6-5

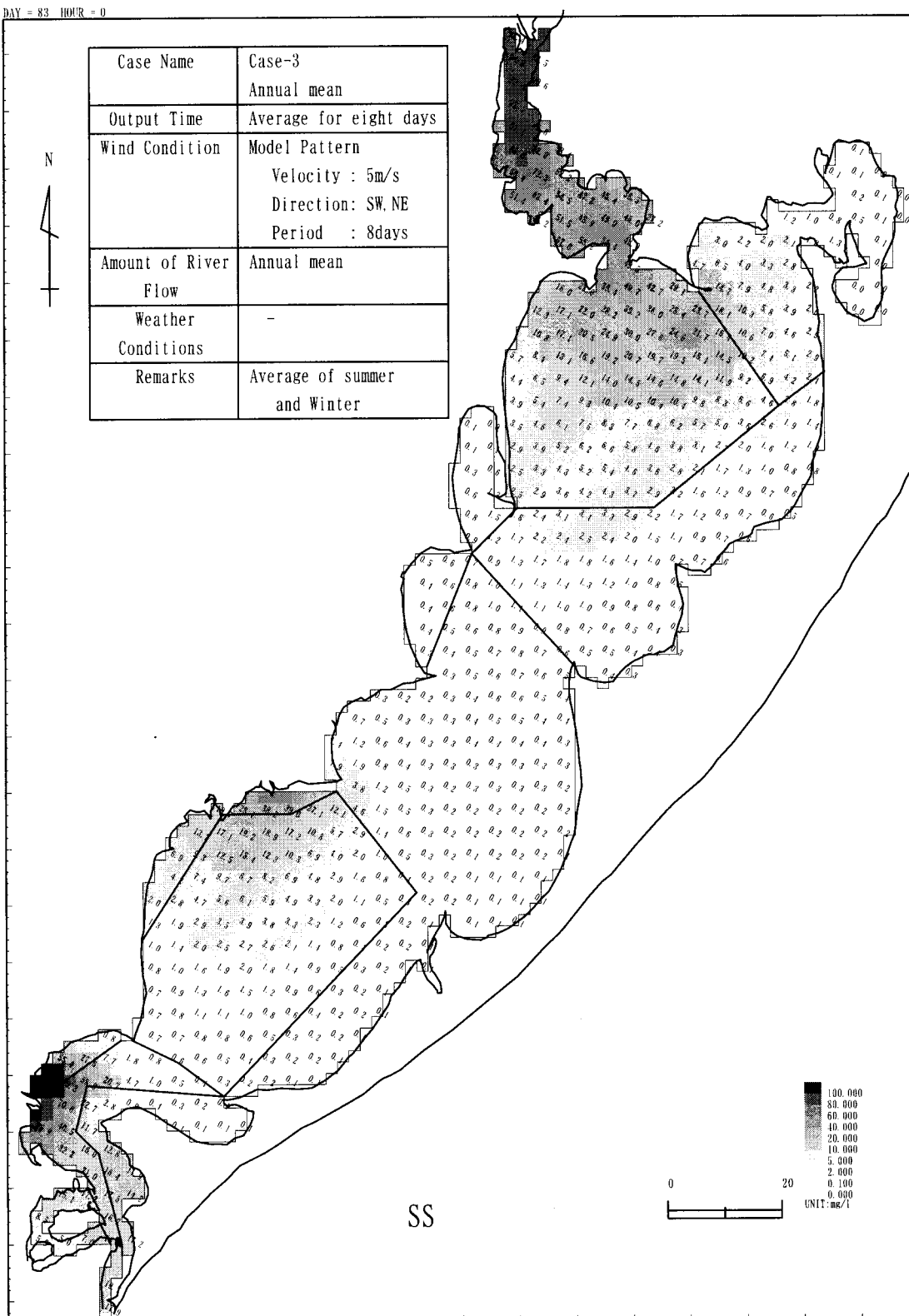
**Calculated COD
Distribution (Annual Mean)**
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

DAY = 83 HOUR = 0

115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5



Case Name	Case-3 Annual mean
Output Time	Average for eight days
Wind Condition	Model Pattern Velocity : 5m/s Direction: SW, NE Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and winter



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SIM-F-6-6

Calculated SS
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -20%, others -50%)

SIM-F-7

Calculated Water Quality Distribution (Annual Mean)
(Reduction Rate of Inflow Load : Main Rivers -50 %, Others -50 %)

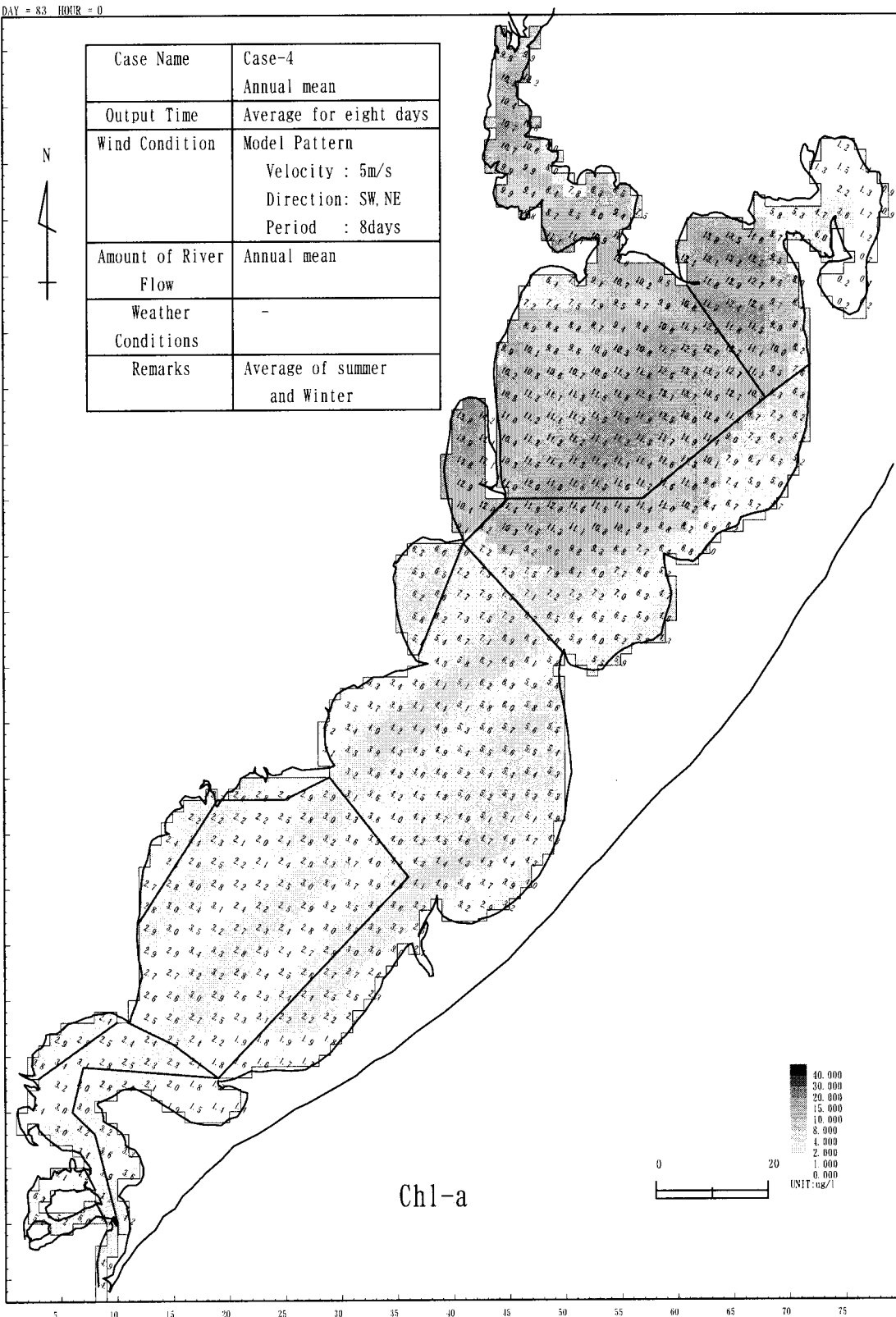
- 1 : Calculated Chl-a Distribution**
- 2 : Calculated T-N Distribution**
- 3 : Calculated T-P Distribution**
- 4 : Calculated BOD Distribution**
- 5 : Calculated COD**
- 6 : Calculated SS**

DAY = 83 HOUR = 0

115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5



Case Name	Case-4 Annual mean
Output Time	Average for eight days
Wind Condition	Model Pattern Velocity : 5m/s Direction: SW, NE Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and Winter



40.000
30.000
20.000
15.000
10.000
8.000
4.000
2.000
1.000
0.000
UNIT:ug/l

0 20
Km

DIGa006_bodts. Pcl

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SIM-F-7-1

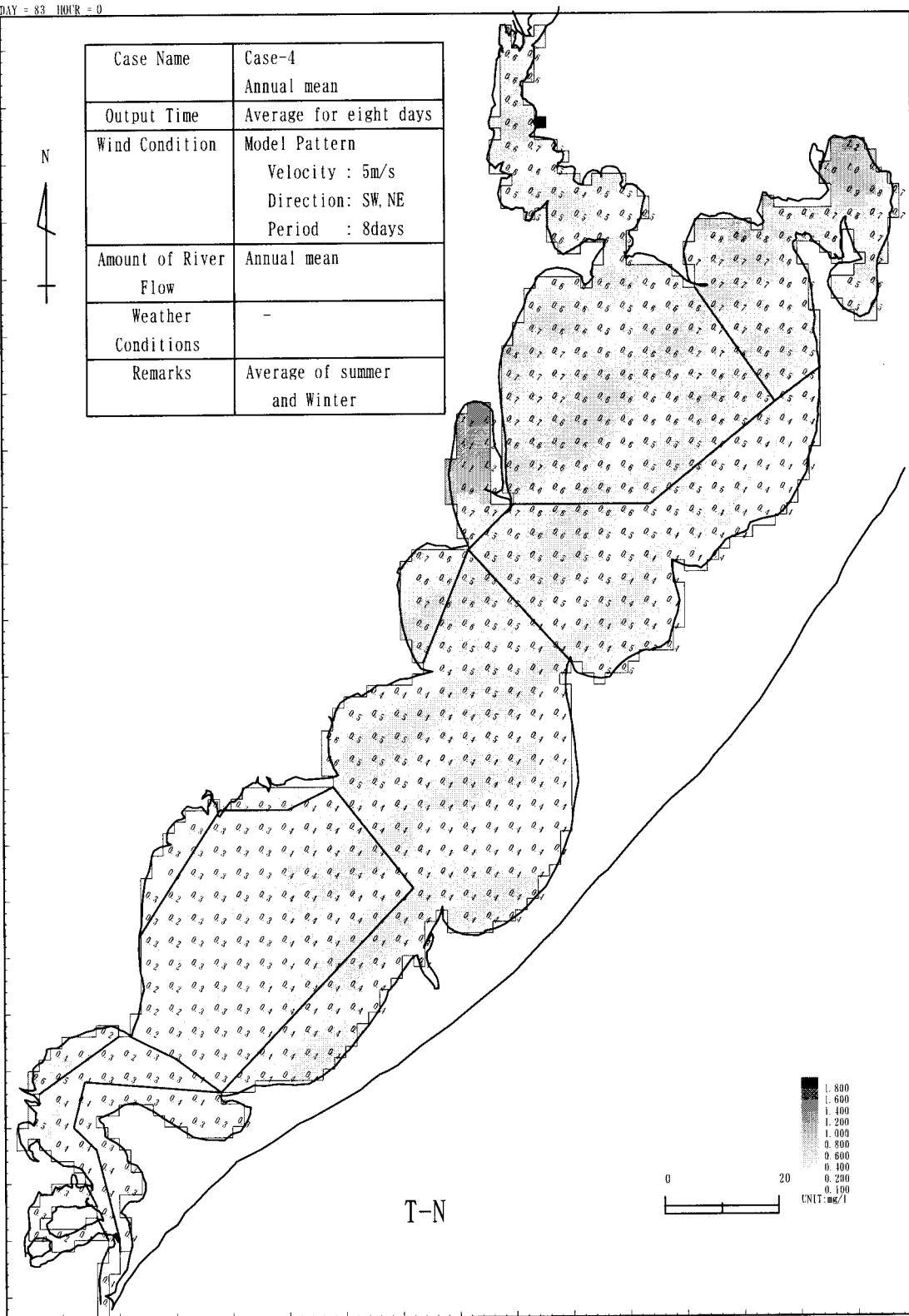
Calculated Chl-a
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -50%, others -50%)

DAY = 83 HOUR = 0

115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5



Case Name	Case-4 Annual mean
Output Time	Average for eight days
Wind Condition	Model Pattern Velocity : 5m/s Direction: SW, NE Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and Winter



1.800
1.600
1.400
1.200
1.000
0.800
0.600
0.400
0.200
0.190
UNIT: mg/l

0 20
km

DIGs006_bodts.Ptn

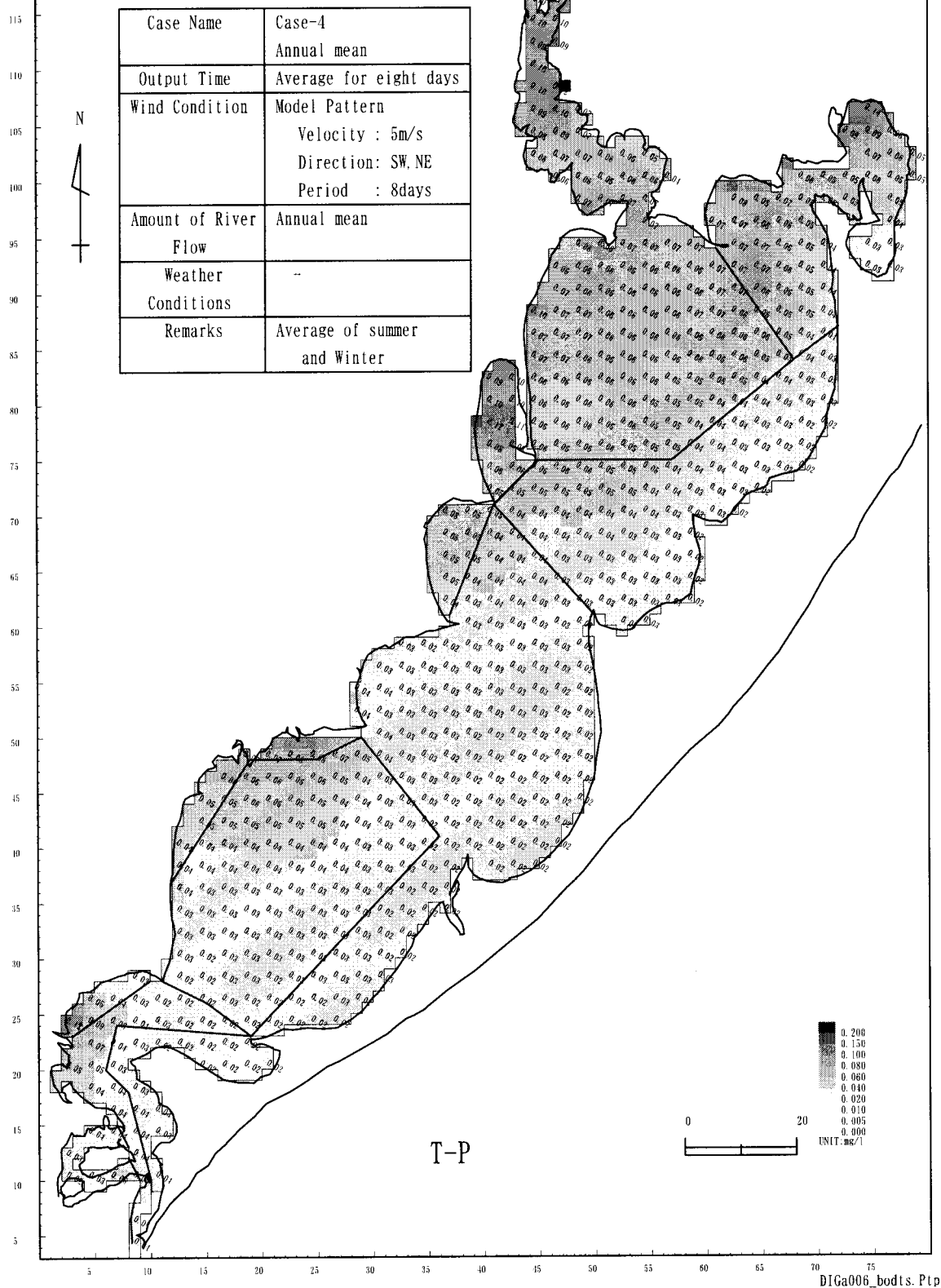
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SIM-F-7-2

**Calculated T-N
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -50%, others -50%)**

DAY = 83 HOUR = 0



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SIM-F-7-3

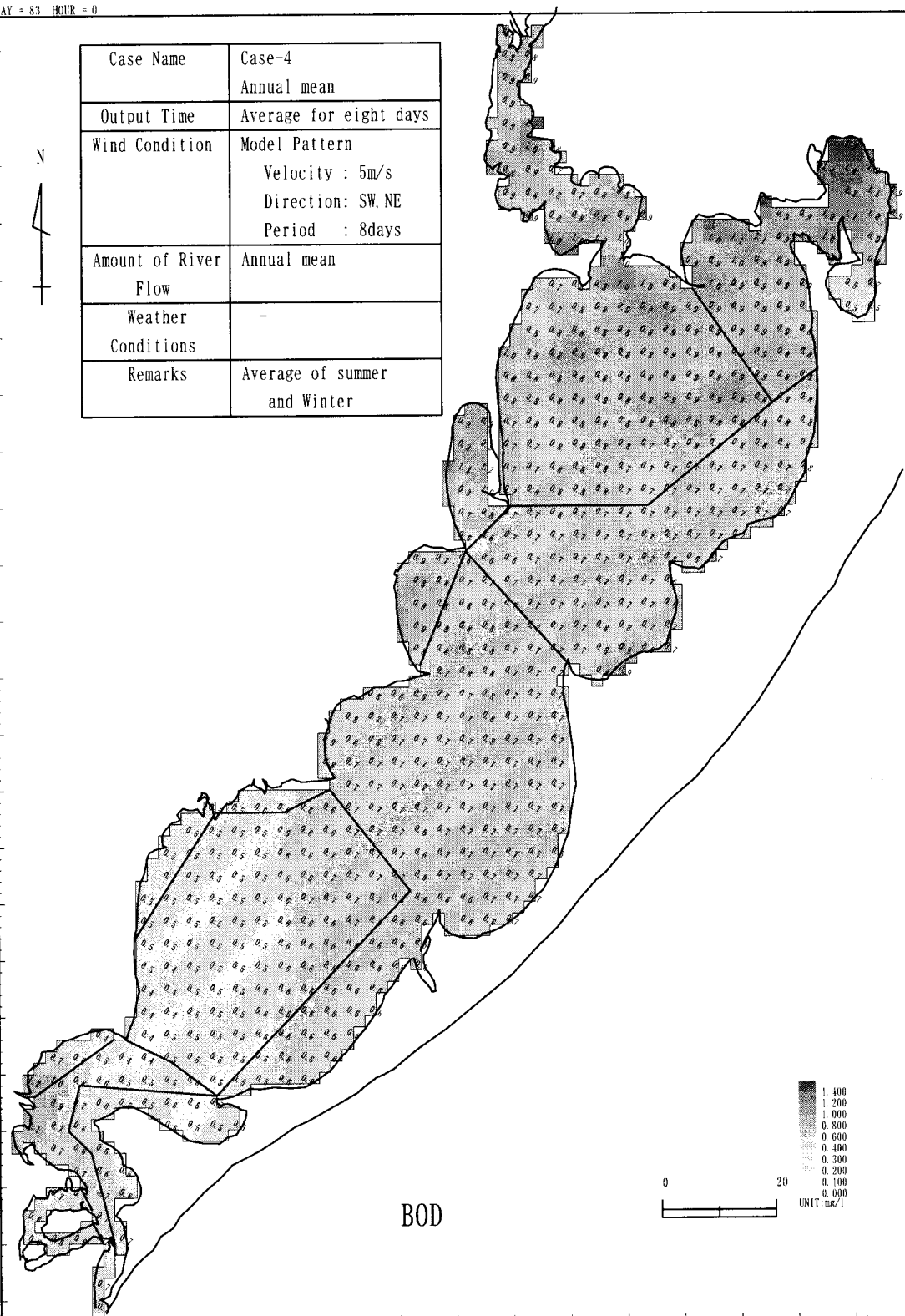
**Calculated T-P
Distribution (Annual Mean)**
(Reduction Rate of Inflow Load:
Main Rivers -50%,others -50%)

DAY = 83 HOUR = 0

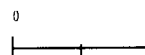
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5



Case Name	Case-4
Output Time	Annual mean
Wind Condition	Model Pattern
	Velocity : 5m/s
	Direction: SW, NE
	Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and Winter



1.400
1.200
1.000
0.800
0.600
0.400
0.300
0.200
0.100
0.000
UNIT: mg/l



DIGa006_bodts. Pbd

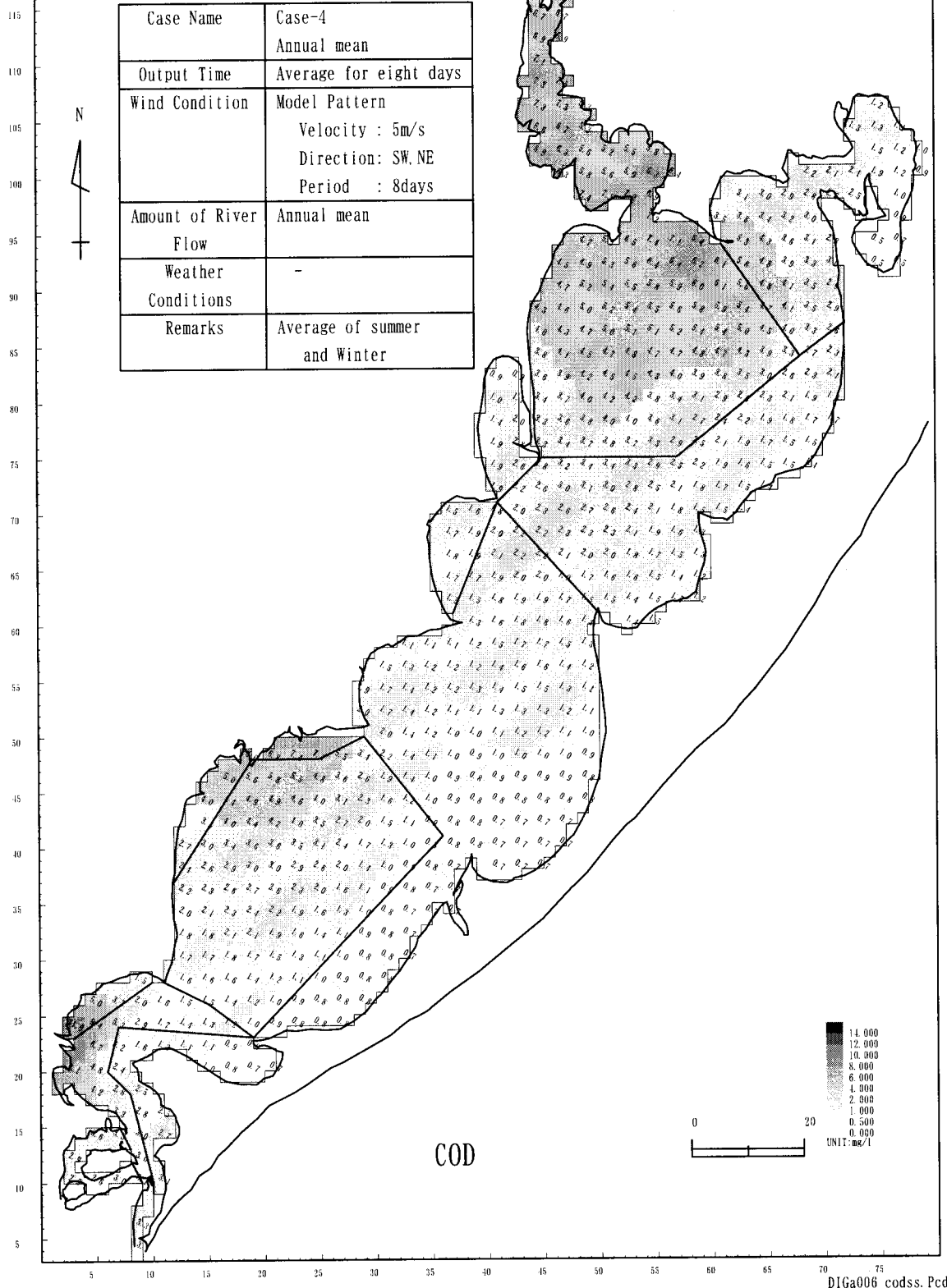
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SIM-F-7-4

Calculated BOD
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -50%, others -50%)

DAY = 83 HOUR = 0



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SIM-F-7-5

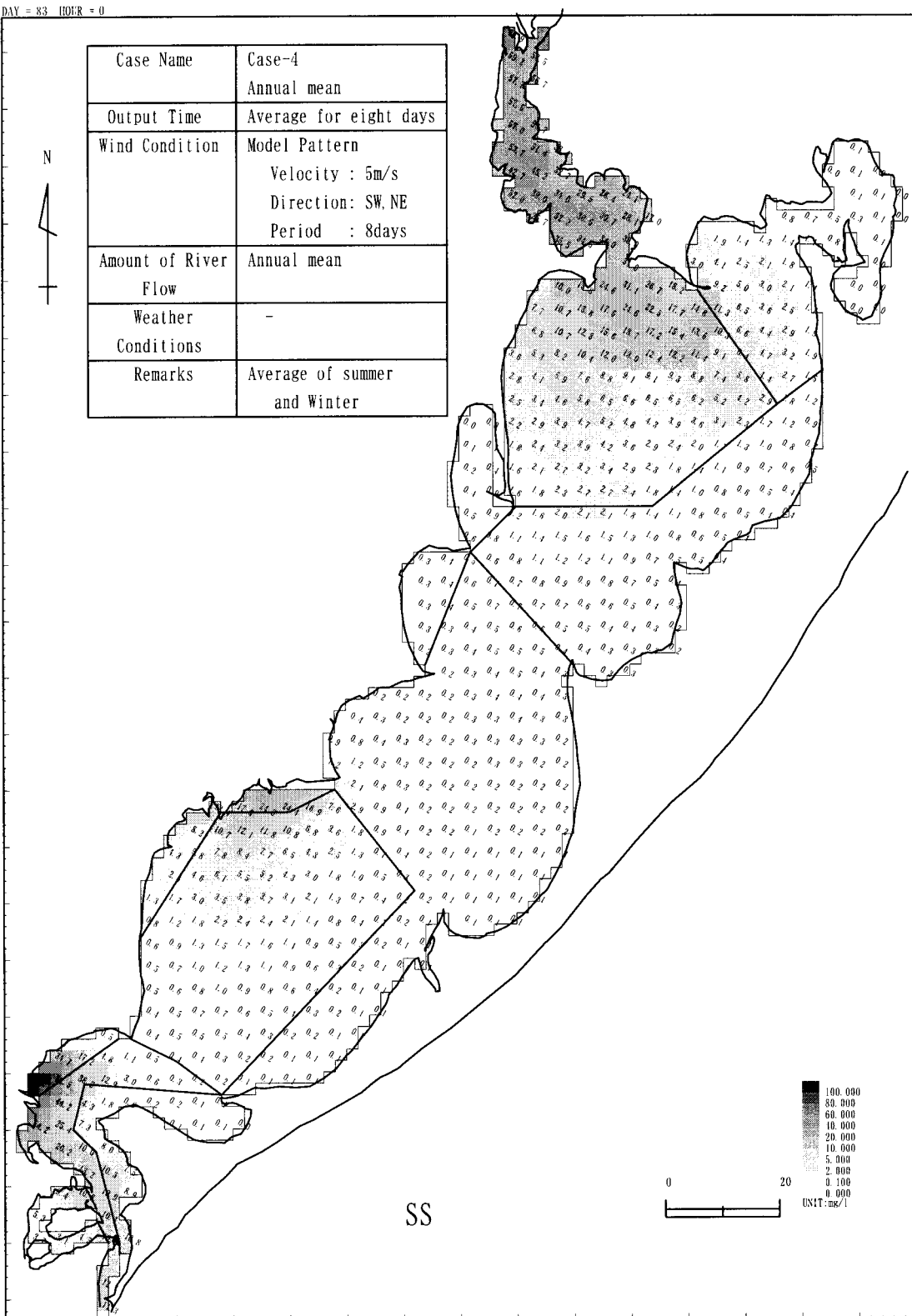
**Calculated COD
Distribution (Annual Mean)**
(Reduction Rate of Inflow Load:
Main Rivers -50%, others -50%)

DAY = 83 HOUR = 0

115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5



Case Name	Case-4
Output Time	Annual mean
Wind Condition	Model Pattern Velocity : 5m/s Direction: SW, NE Period : 8days
Amount of River Flow	Annual mean
Weather Conditions	-
Remarks	Average of summer and Winter



100.000
80.000
60.000
40.000
20.000
10.000
5.000
2.000
0.100
0.000
UNIT:mg/l

0 20
km

SS

DIGa006_bodts. Pss

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SIM-F-7-6

Calculated SS
Distribution (Annual Mean)
(Reduction Rate of Inflow Load:
Main Rivers -50%,others -50%)