8. Hydraulic simulation of 1988 Floods for Without Flood Mitigation Plan

D. River Model of Without Project

```
+--------------------------------------------------------------------------------+
!  RIVER MODEL                    MAIN MENU                        Version 2.10  !
+--------------------------------------------------------------------------------+
!                                                                  File Name     !
!   X    A.  River / Catchment                             :        RIVER1       !
!   X    B.  Boundaries / Time Series                      :        BOUND1       !
!        C.  Transport dispersion and cohesive sediment    :                     !
!        D.  Water quality                                 :                     !
!        E.  Non cohesive sediment                         :                     !
!                                                                                !
!   X    G.  Supplementary data                            :          MAN1       !
!                                                                                !
!   X    H.  Calculation                                                         !
!                                                                                !
!   X    J.  Presentation of results                       :        RES-B7       !
!                                                                                !
, ,A-J)                                                   !
+--------------------------------------------------------------------------------+
!   X : Installed Modules          Data area ............... :          468 Kb  !
!                                  Free disk space ..........:        19058 Kb  !
!   Current directory : C:¥PROJECTS¥WOUT1                                        !
+--------------------------------------------------------------------------------+
<Esc> Return to Opening Menu                                       <F1> Help Menu
```

2) River System of Without Project

MENU A.5 — RIVER SYSTEM — GENERAL VIEW — MIKE 11

		number
1	RIVER BRANCHES	8
2	RIVER CROSS-SECTIONS	
3	BROADCRESTED WEIRS	0
4	SPECIAL WEIRS	0
5	CULVERTS	0
6	Q = Q(t)	0
7	Q = f(Q,h upstream)	0
8	Q-h BOUNDARIES	0
9	....	0
0	CATCHMENTS	0
T	TEXT	0
D	DATA BASE NAME (cross-sections)	CROSS-B1
A	ADD ON MODULES	

Select : <Enter> or (0-9,O,T,D,A)

<Esc> return to Menu A — <F1> Help Menu

A.5.1 — R I V E R   S Y S T E M

8	Topo - ID / Upstream connection	River name	Km. upstr. / Downstream connection	Km. dwnstr.	dx-max(m)
1	1988-B1	DHALESWARI	0.000	60.200	2000
			DHALESWARI	60.200	
2	1988-B1	BANSI	0:000	9.000	2000
			DHALESWARI	0.000	
3	1988-B1	BURIGANGA	0.000	17.500	2000
			DHALESWARI	45.700	

Entr: (E/I/F/D/T/B/L/ESC) Edit Insert Find Delete Top Bottom Line <esc>=retur

A.5.1 — R I V E R   S Y S T E M

8	Topo - ID / Upstream connection	River name	Km. upstr. / Downstream connection	Km. dwnstr.	dx-max(m)
4	1988-B1	TURAG	0.000	37.500	2000
			BURIGANGA	0.000	
5	1988-B1	LAKHYA	0.000	23.900	2000
			DHALESWARI	57.700	
6	1988-B1	BALU	0.000	28.700	2000
			LAKHYA	3.600	

Entr: (E/I/F/D/T/B/L/ESC) Edit Insert Find Delete Top Bottom Line <esc>=retur

A.5.1 — R I V E R   S Y S T E M

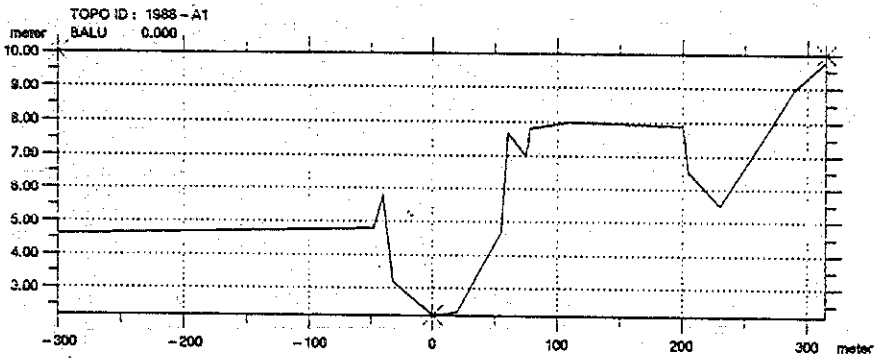
8	Topo - ID / Upstream connection	River name	Km. upstr. / Downstream connection	Km. dwnstr.	dx-max(m)
7	1988-B1	TONGI	0.000	16.000	2000
	TURAG	15.000	BALU	7.200	
8	1988-B1	KARNATALI	0.000	11.900	2000
	DHALESWARI	0.800	TURAG	27.000	
9			0.000	0.000	10000

Entr: (E/I/F/D/T/B/L/ESC) Edit Insert Find Delete Top Bottom Line <esc>=retur

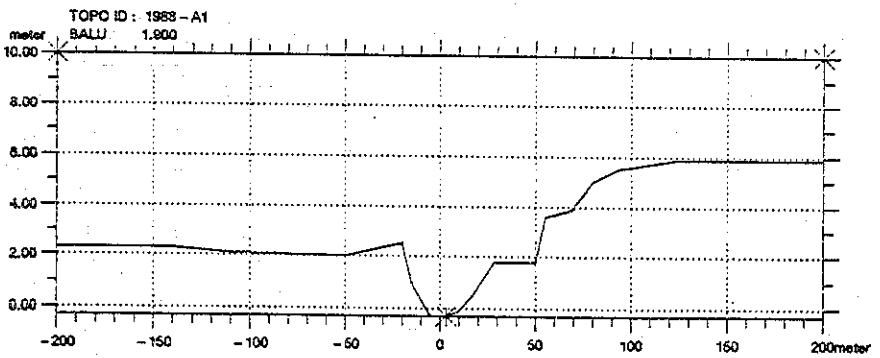
3) River Cross Section of Without Project

CROSS-B1

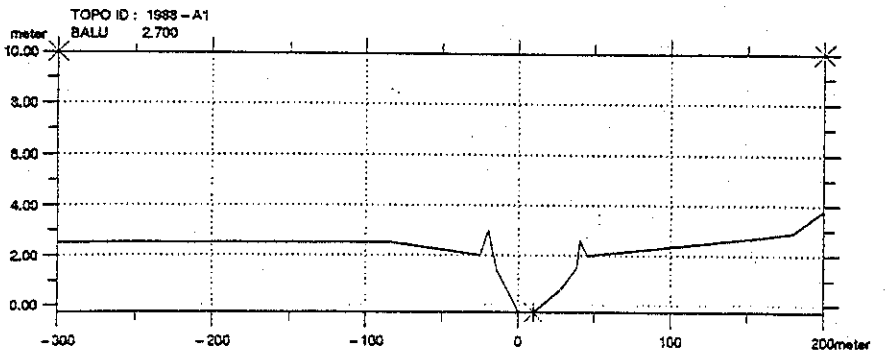
B-1A (Acc. dis. = 28.7)



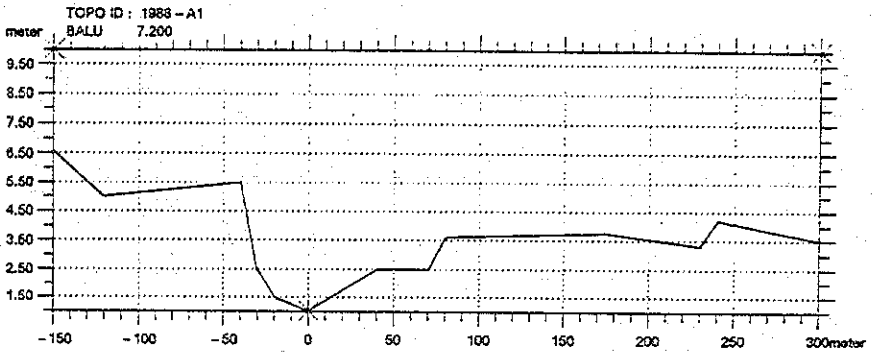
B-1 (Acc. dis. = 26.8)



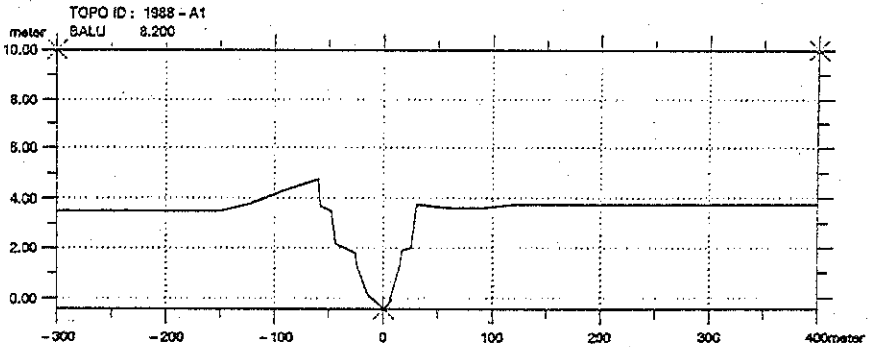
B-6B (Acc. dis. = 26.0)



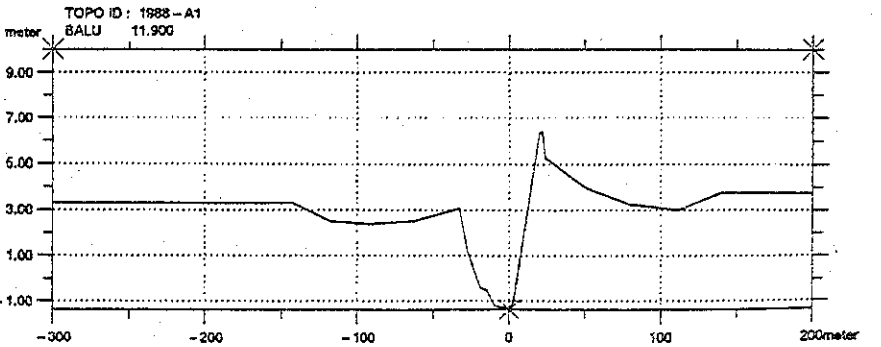
B-6A (Acc. dis. = 21.5)



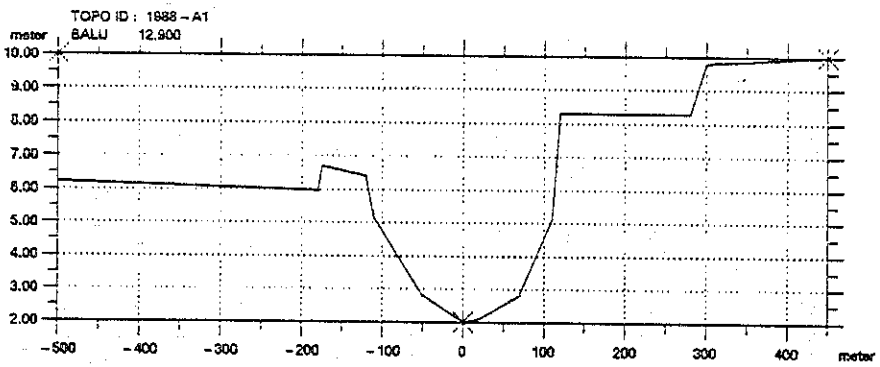
B-6 (Acc. dis. = 20.5)



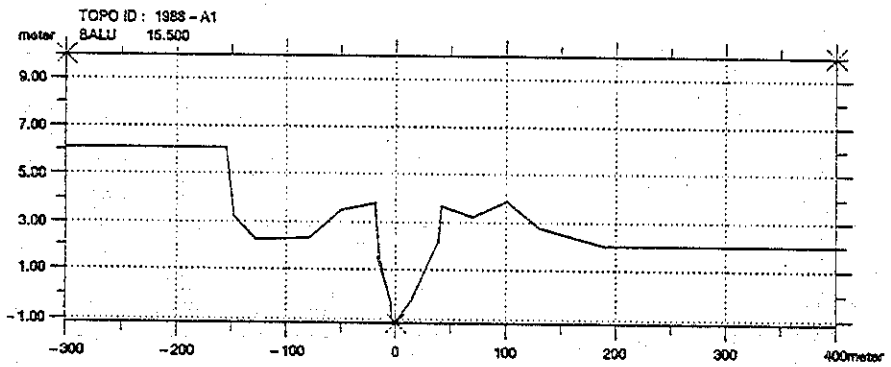
B-5 (Acc. dis. = 16.8)



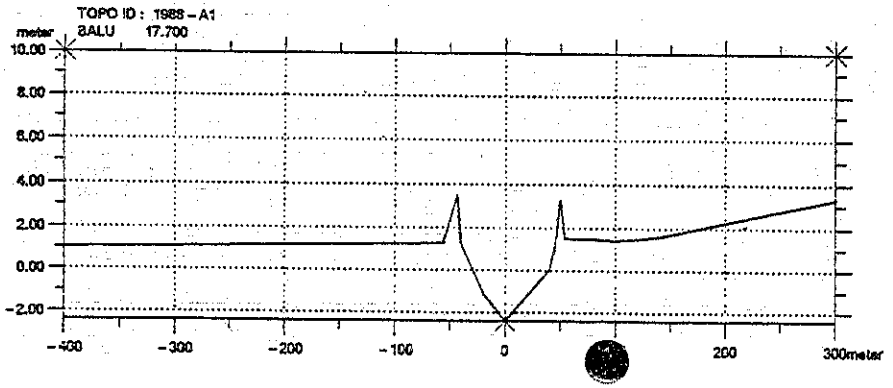
B-4A (Acc. dis. = 15.8)



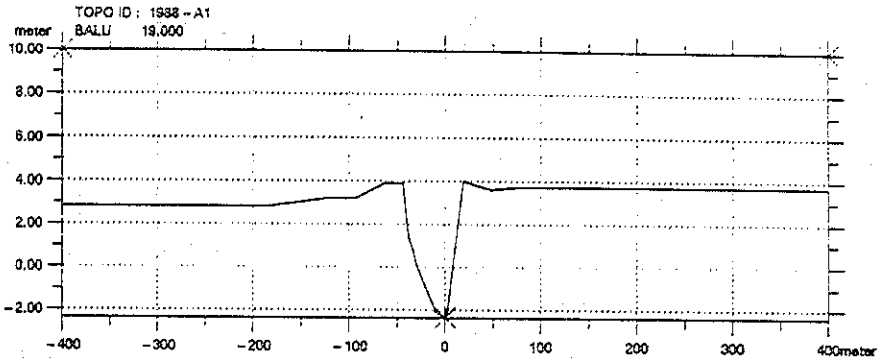
B-4 (Acc. dis. = 13.2)



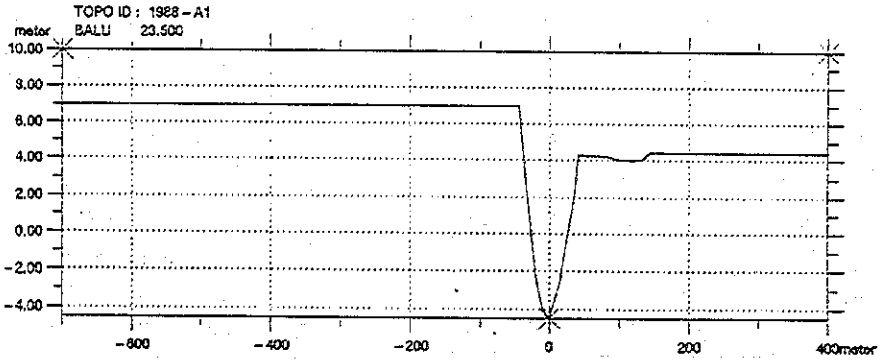
B-3A (Acc. dis. = 11.0)



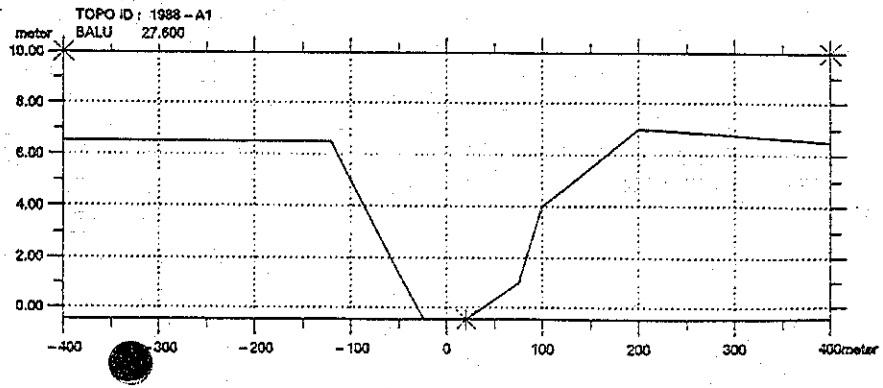
B-3 (Acc. dis. = 9.7)



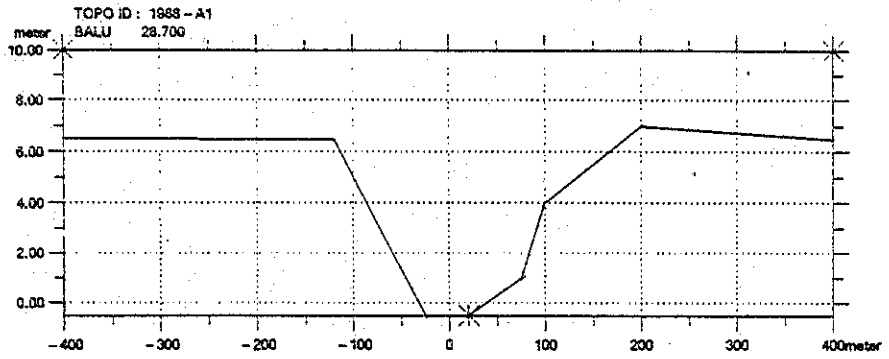
B-2 (Acc. dis. = 5.2)



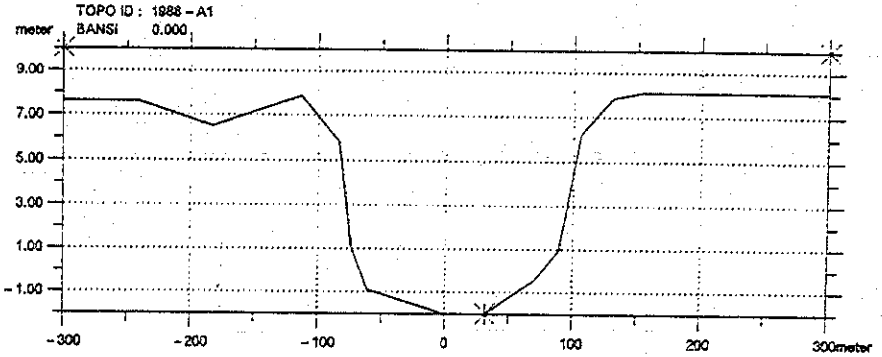
B-2A (Acc. dis. = 1.1) : Deinra 7.5



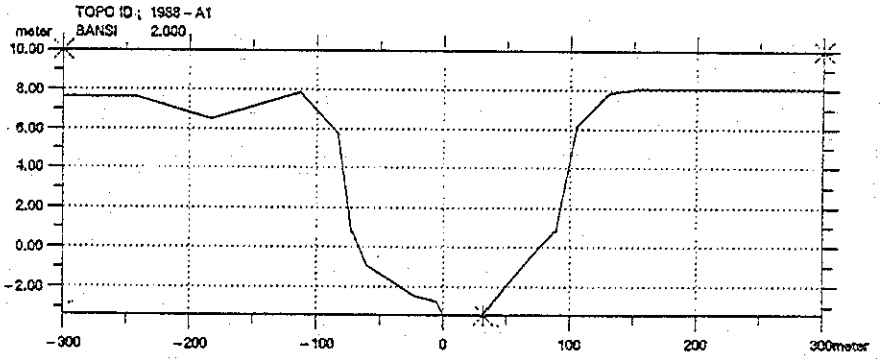
B-1A (Acc. dis. = 0)



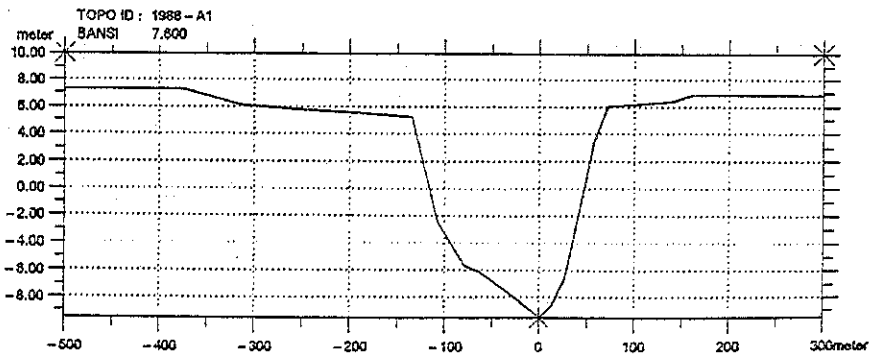
BHI-25A (Acc. dis. = 9.0) : Nayarkat



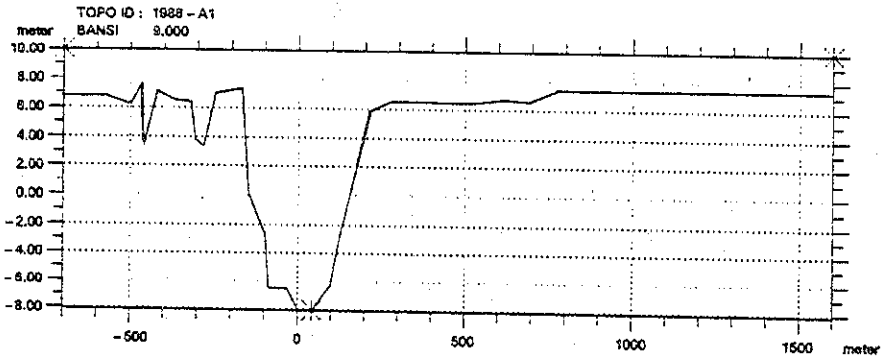
BHI-25 (Acc. dis. = 11.0)



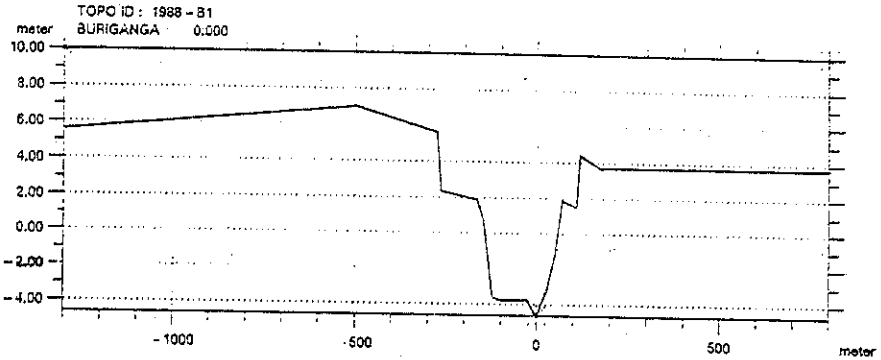
BHI-26 (Acc. dis. = 1.4) : Savar



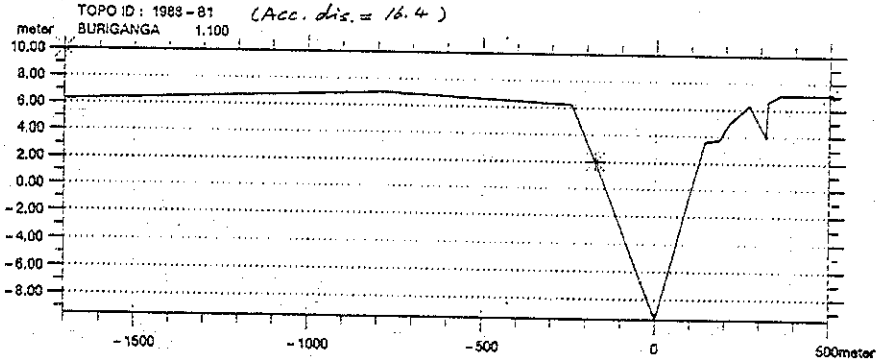
D-14A (Acc. dis. = 0)



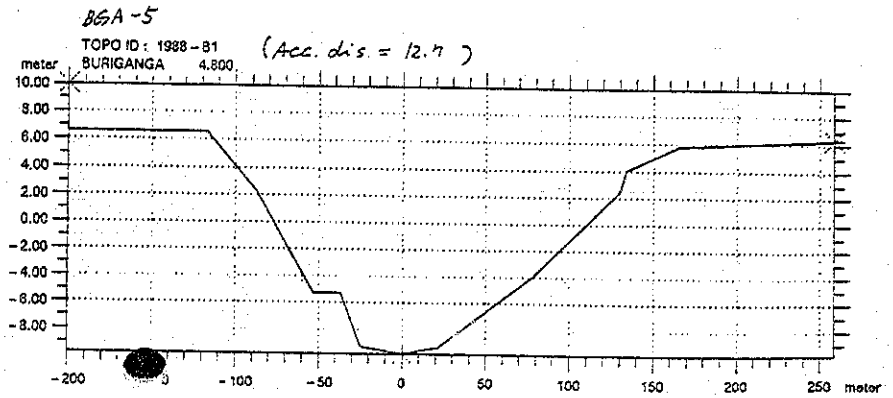
TV-1 (Acc. dis. = 17.5 km)



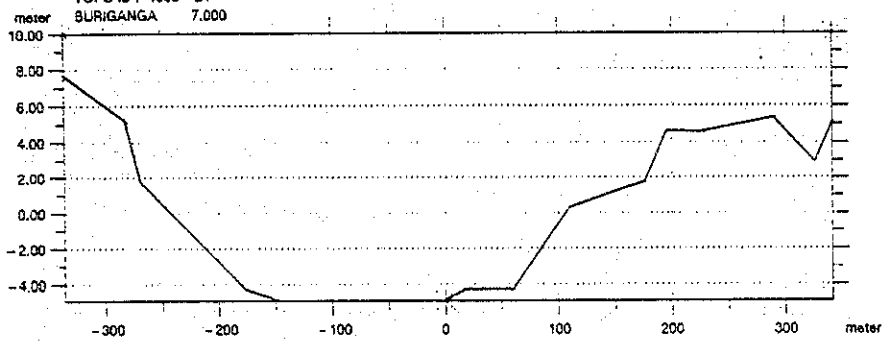
BGA-6



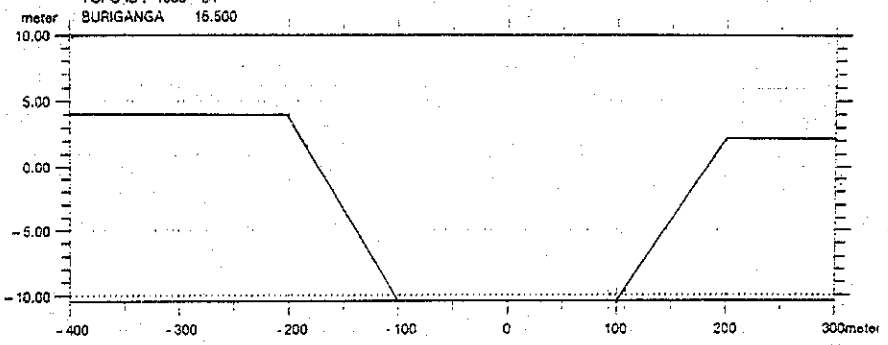
BGA-5



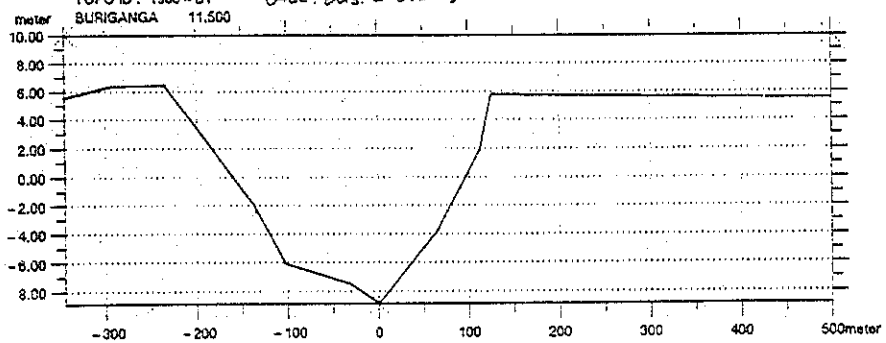
BGA-4 (Acc. dis. = 10.5) : Mill Barak



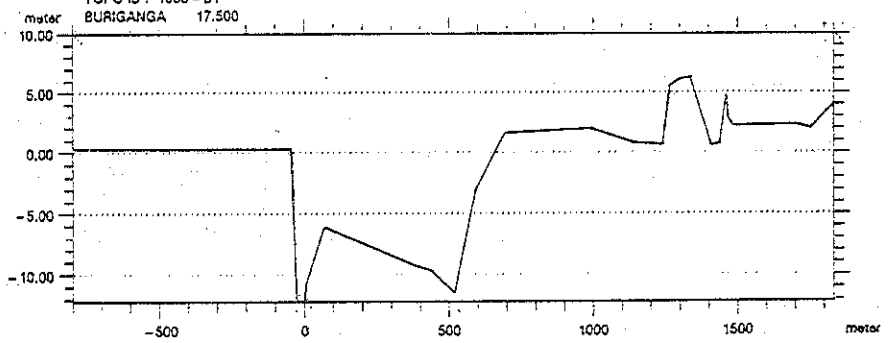
BGA-2A (Acc. dis. = 1.0) : Hanihanpara



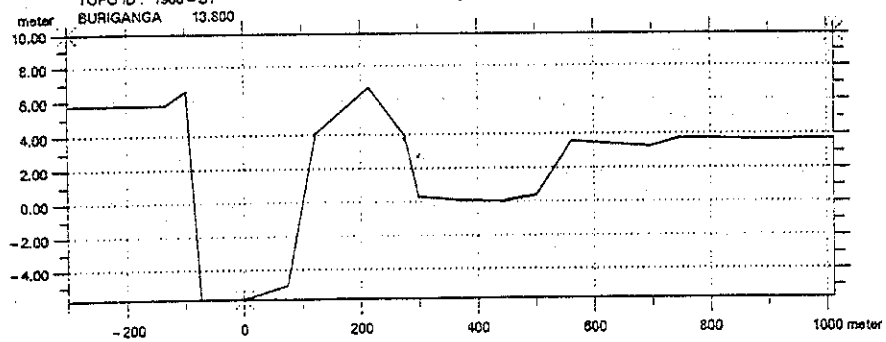
BGA-3 (Acc. dis. = 6.0)



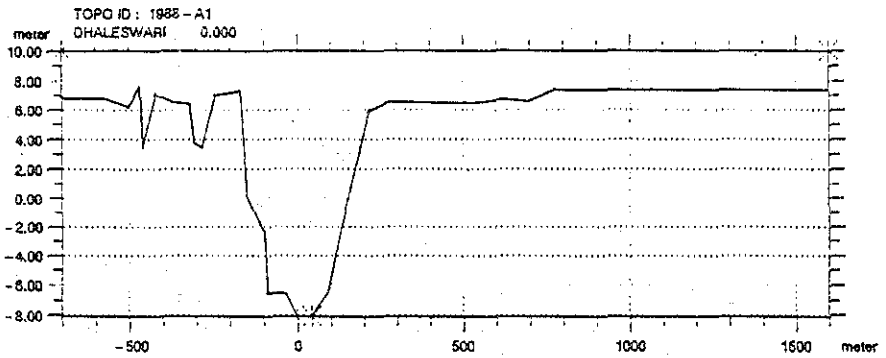
BGA-1 (Acc. dis. = 0.0)



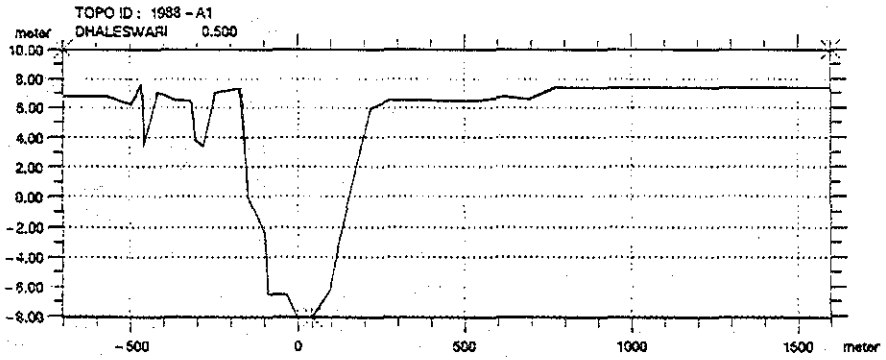
BGA-2 (Acc. dis = 3.7)



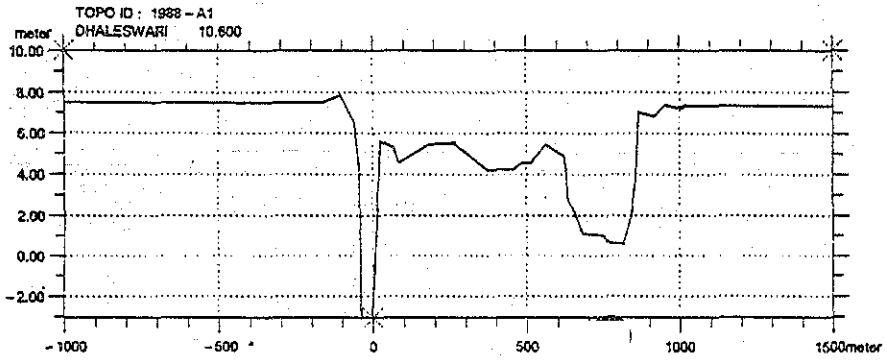
D-14A (Acc. dis = 60.2)



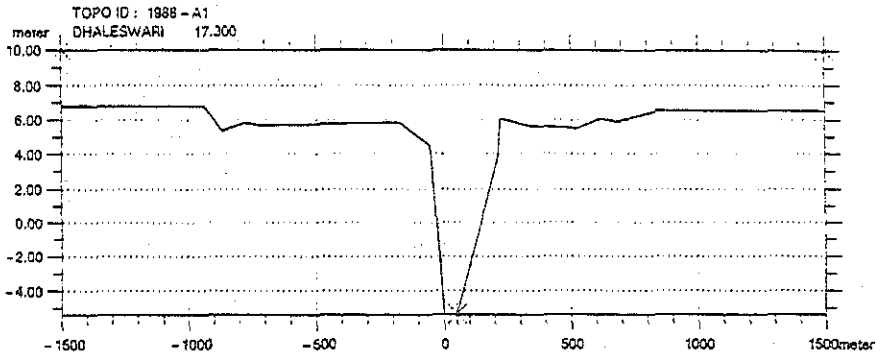
D-14 (Acc. dis. = 59.7)



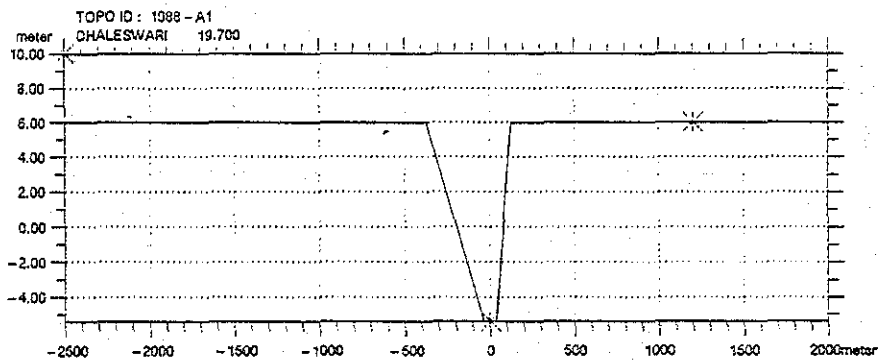
D-15 (Acc. dis. = 49.6)



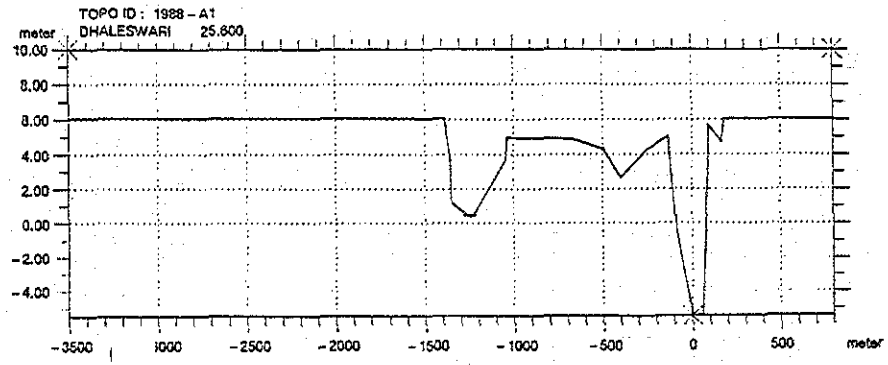
D-16 (Acc. dis. = 42.9)



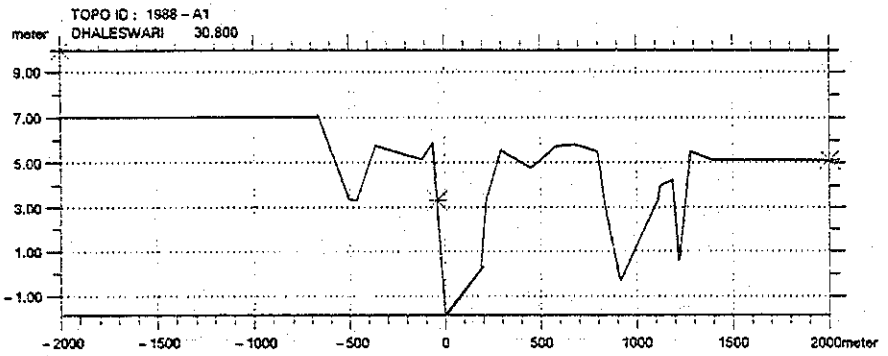
D-16 A (Acc. dis. = 40.5) Kaltia



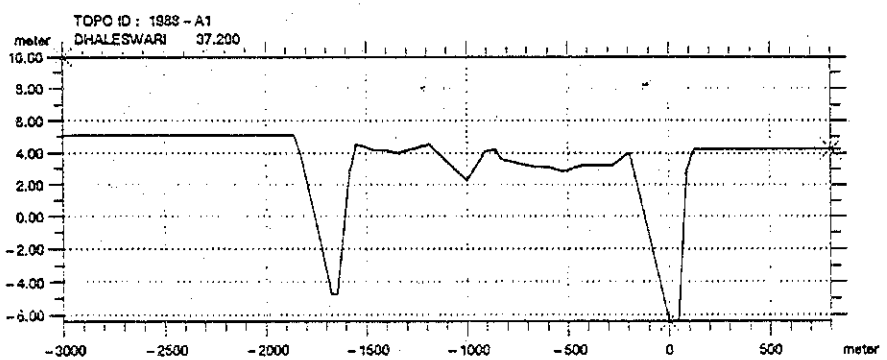
D-17 (Acc. dis. = 34.6)



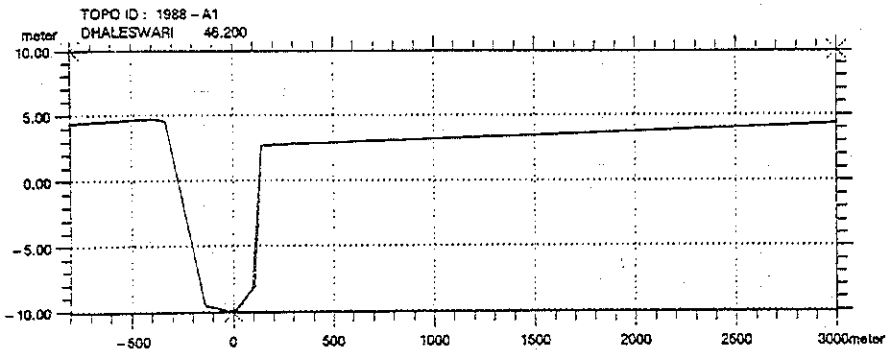
D-18 (Acc. dis. = 29.4)



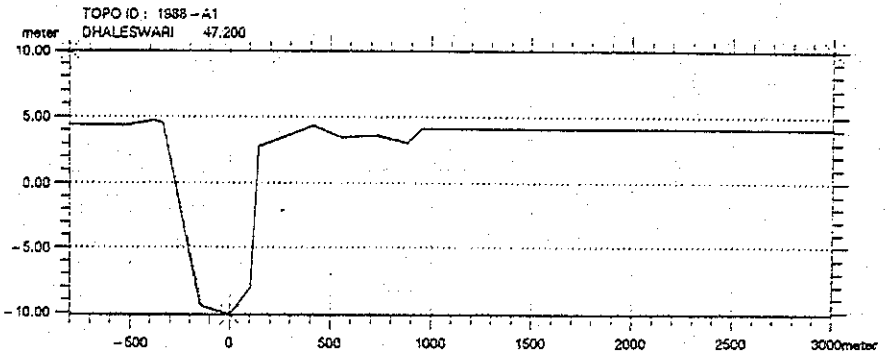
D-19 (Acc. dis. = 23.0)



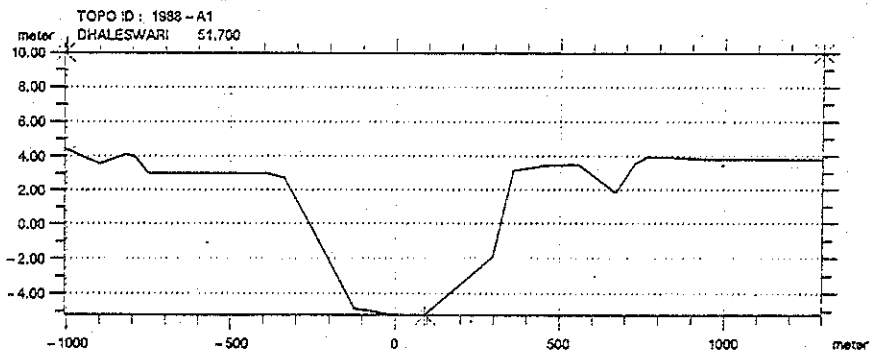
D-19A (Acc. dis = 14.0)



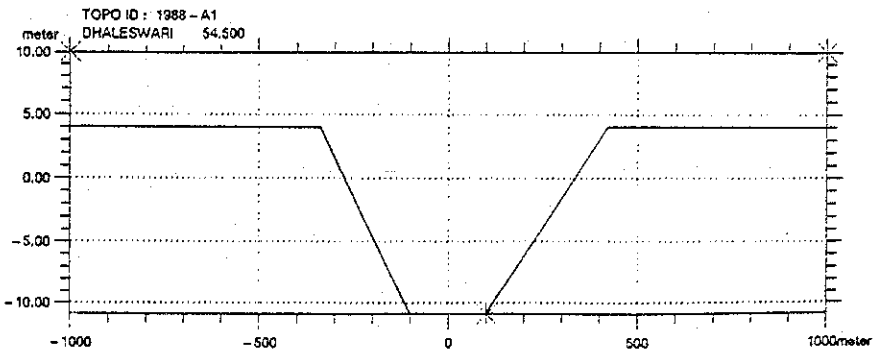
D-20 (Acc. dis. = 13.2)



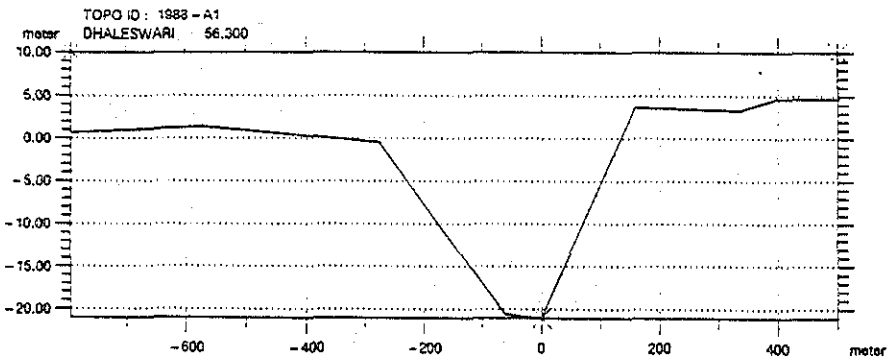
D-21 (Acc. dis. = 8.5)



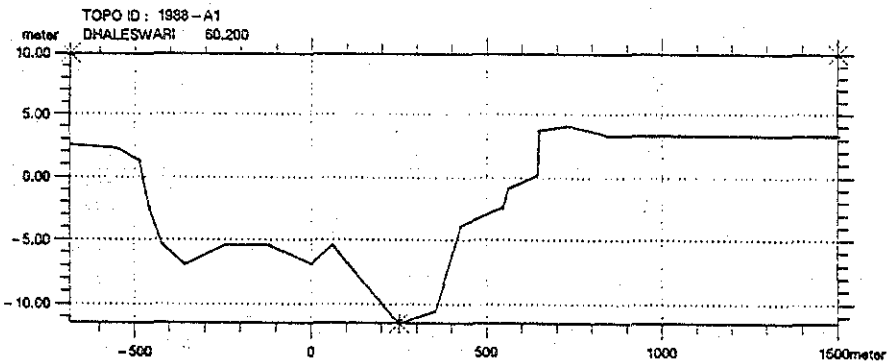
D-21A (Acc. dis. = 5.7) : Rekabi Bazar



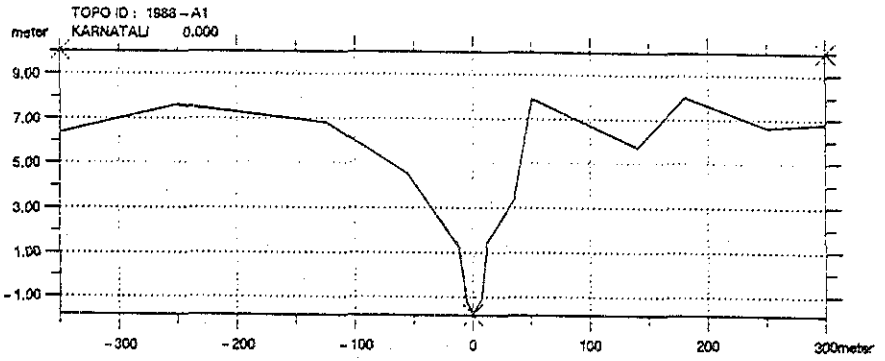
D-22 (Acc. dis.= 3.9)



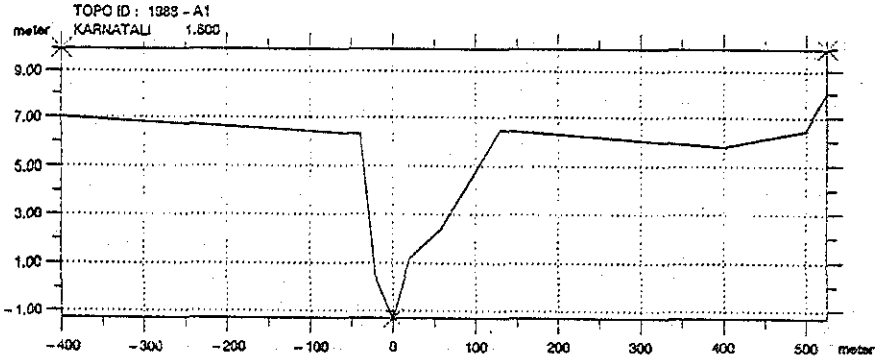
D-23 (Acc. dis. = 0)



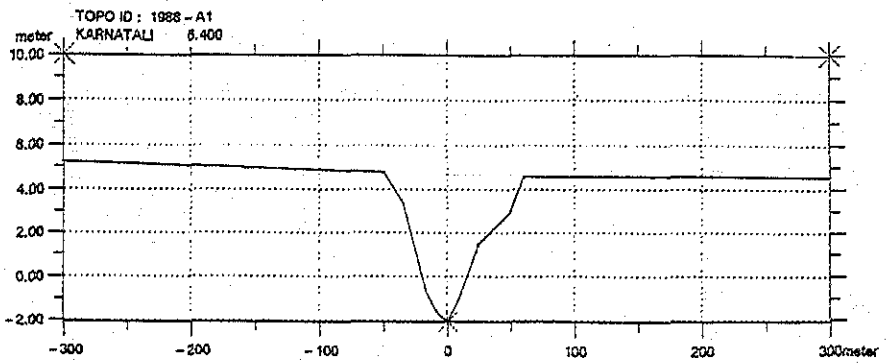
K-4 (Acc. dis =11.9)



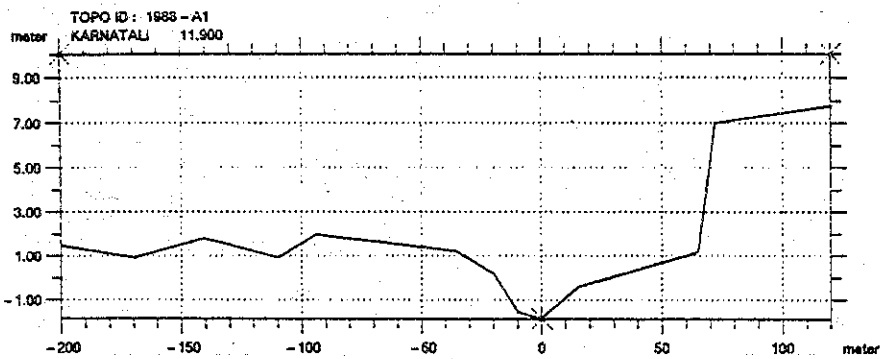
K-3 (Acc. dis. = 10.3)



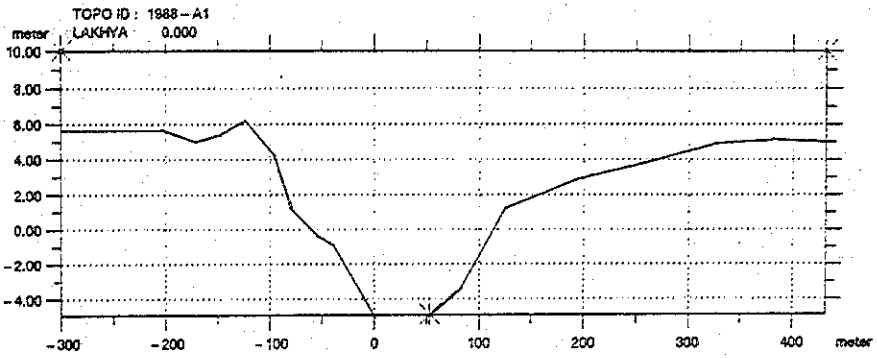
K-2 (Acc. dis. = 5.5)



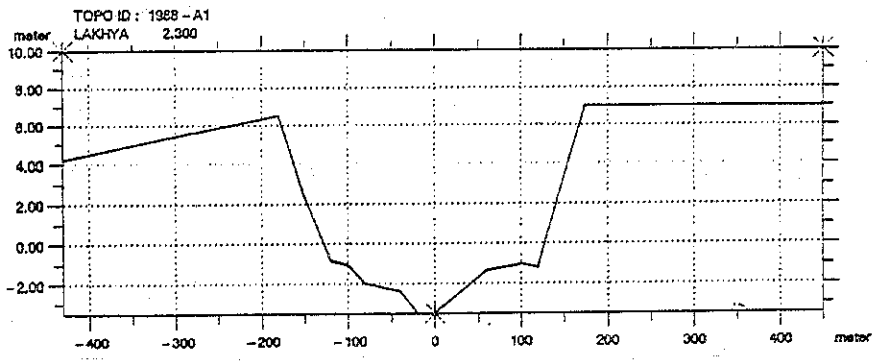
K-1 (Acc. dis. = 0 km)



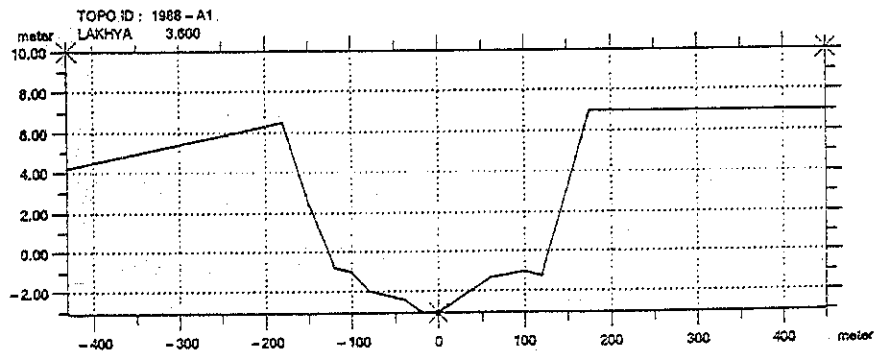
L-16 (Acc. dis. = 23.9)



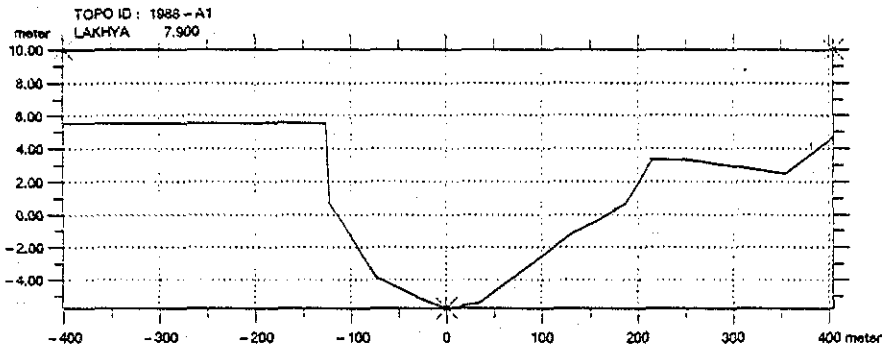
L-16A (Acc. dis. = 21.6) : Demra 179



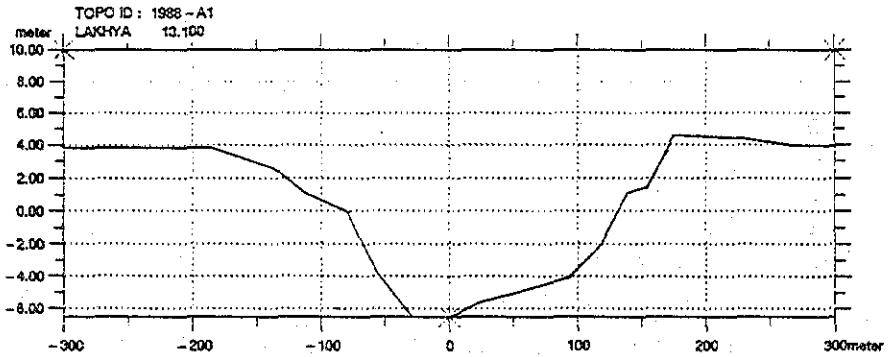
L-16/1 (Acc. dis. = 20.3)



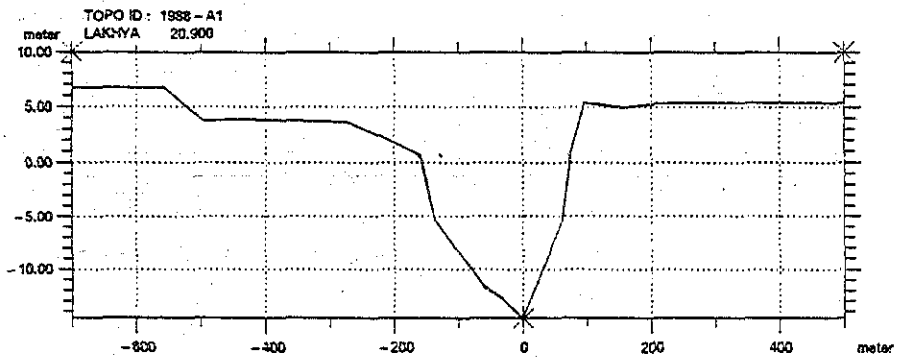
L-17 (Acc. dis. = 16.0)



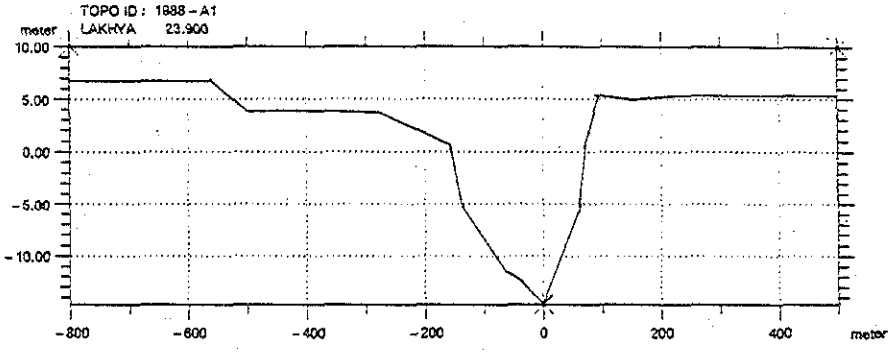
L-18 (Acc. dis. = 10.8)



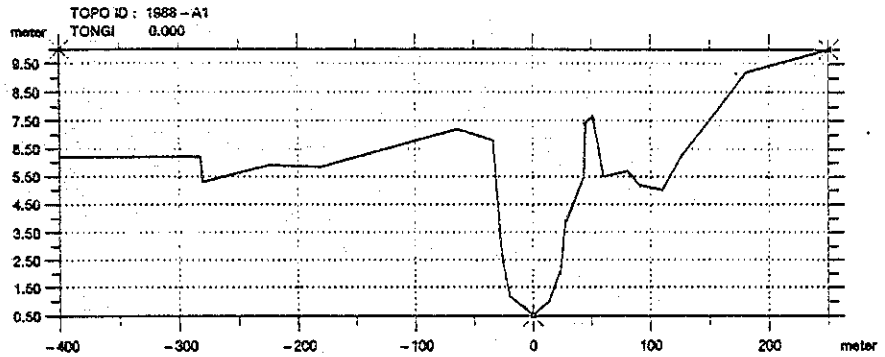
L-19 (Acc. dis. = 3.0)



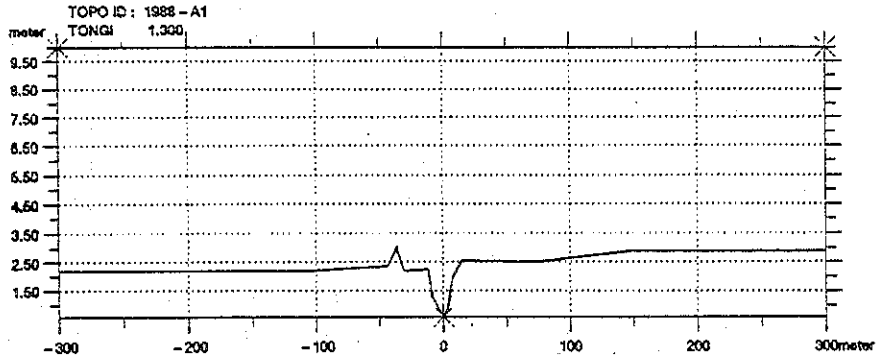
L-19A (Acc. dis. = 0)



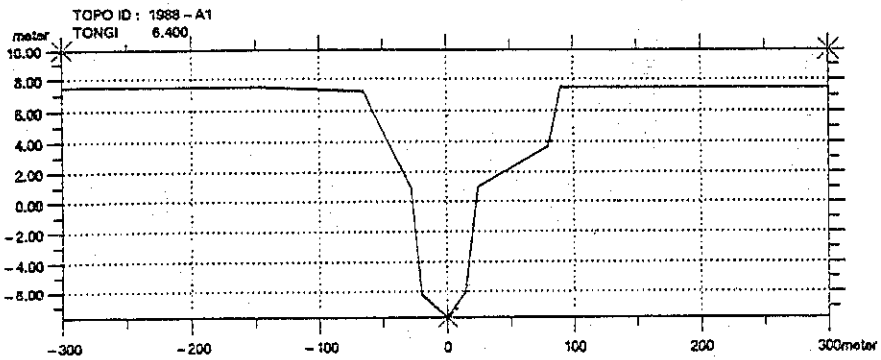
TON-1A (Acc. dis. = 16.0)



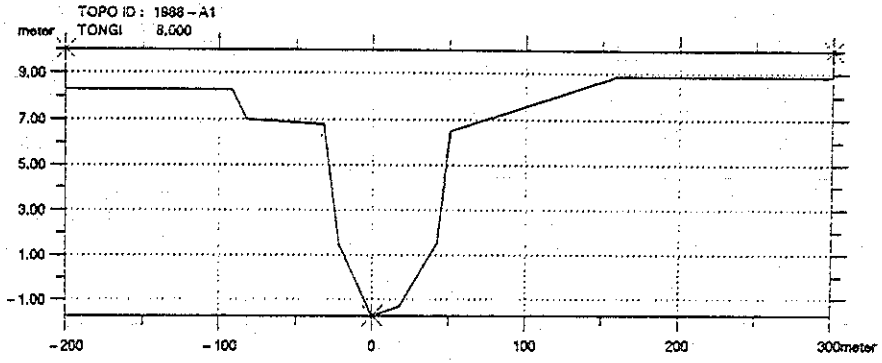
TON-1 (Acc. dis. = 14.7)



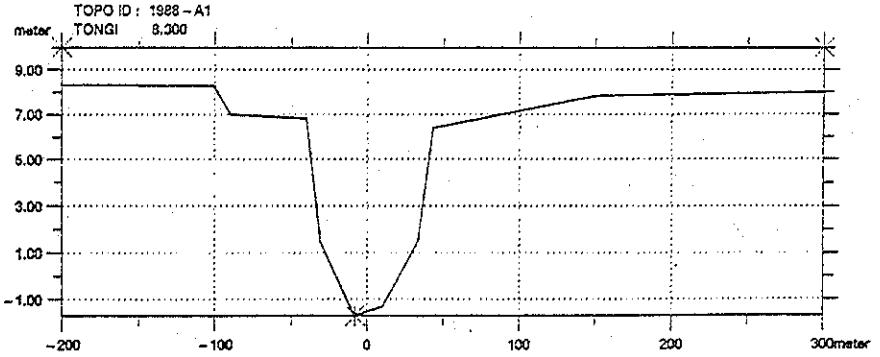
TON-2 (Acc. dis. = 9.6)



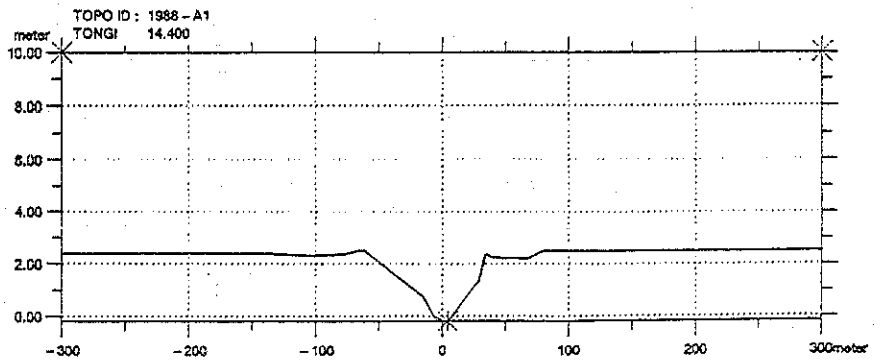
TON-2B (Acc. dis. = 8.0) : TONGI



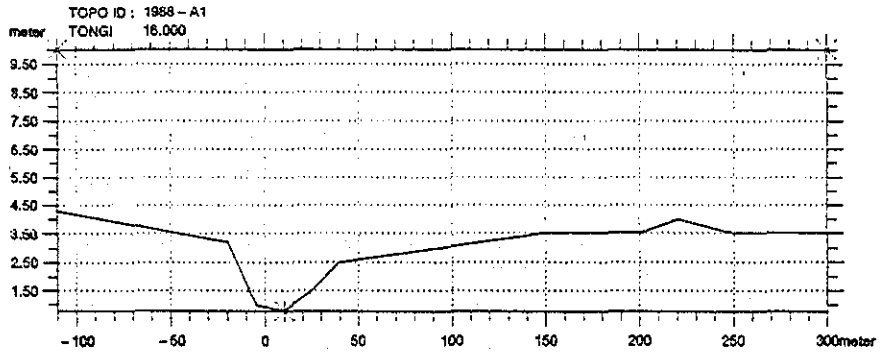
TON-2A (Acc. dis. = 7.7)



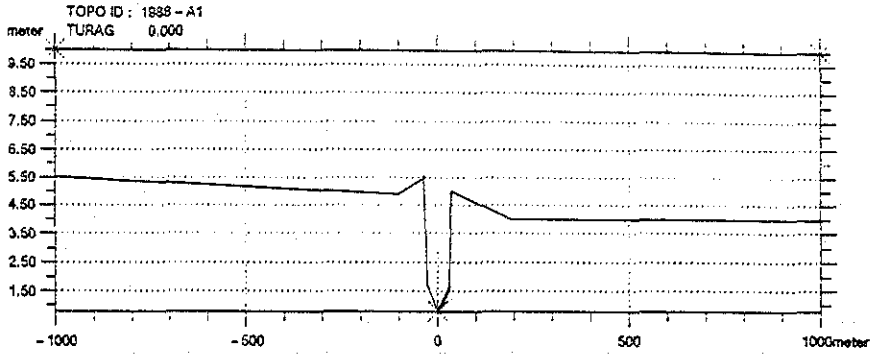
TON-3 (Acc. dis. = 1.6)



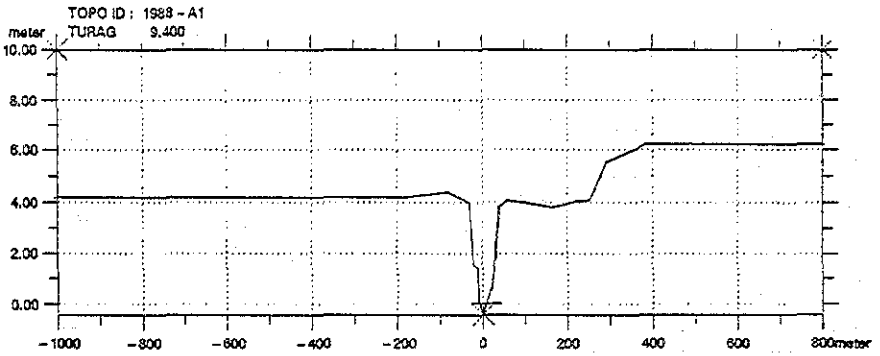
TON-3A (Acc. dis. = 0)



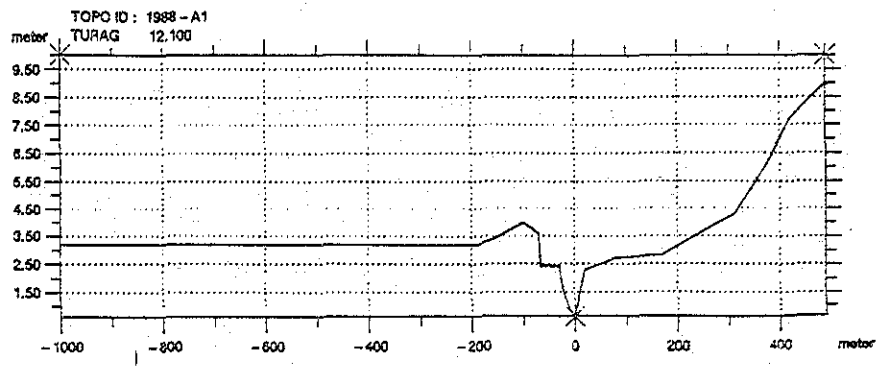
TU-12A (Acc. dis. = 37.5)



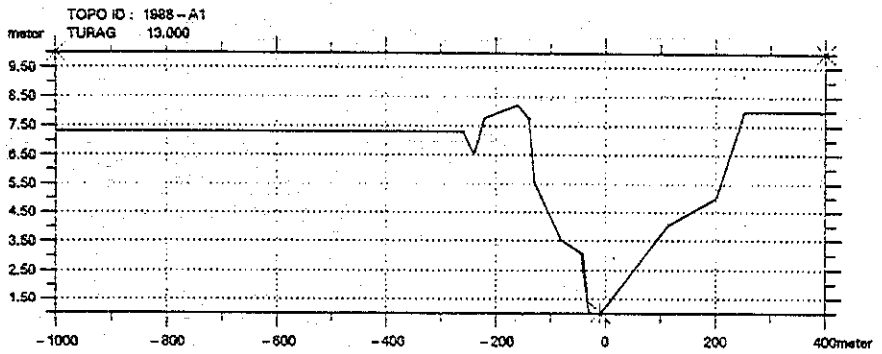
TU-12 (Acc. dis = 28.0)



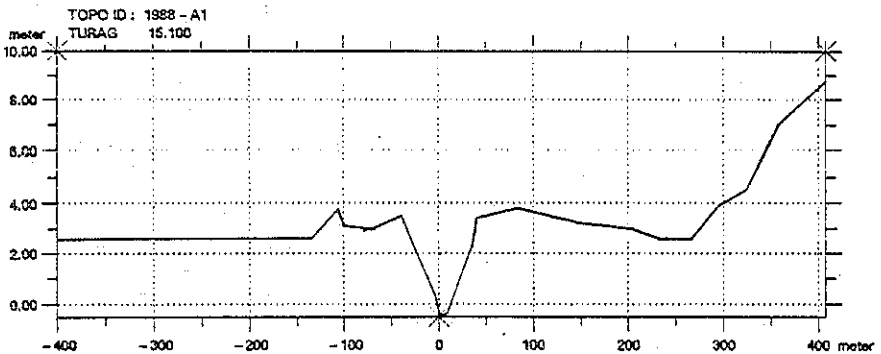
TU-11 (Acc. dis. = 25.4)



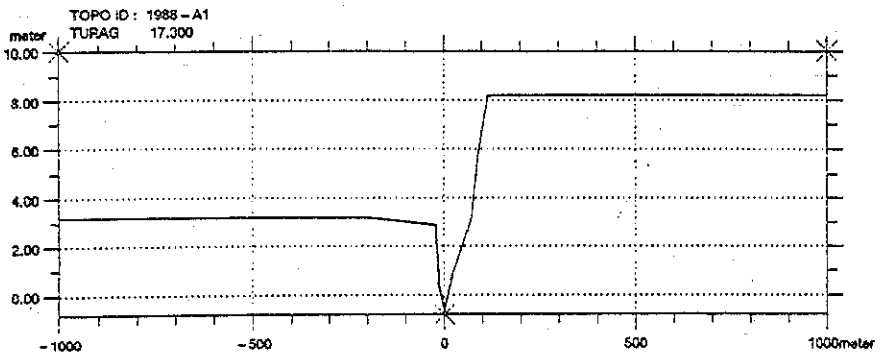
TU-10A (Acc. dis.= 24.5)



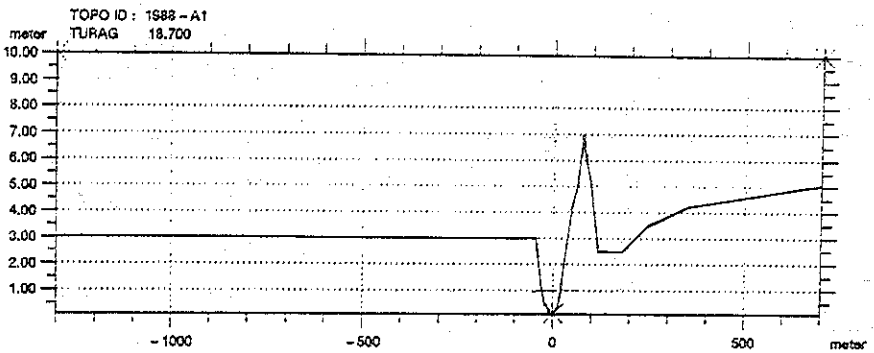
TU-10 (Acc. dis.= 22.4)



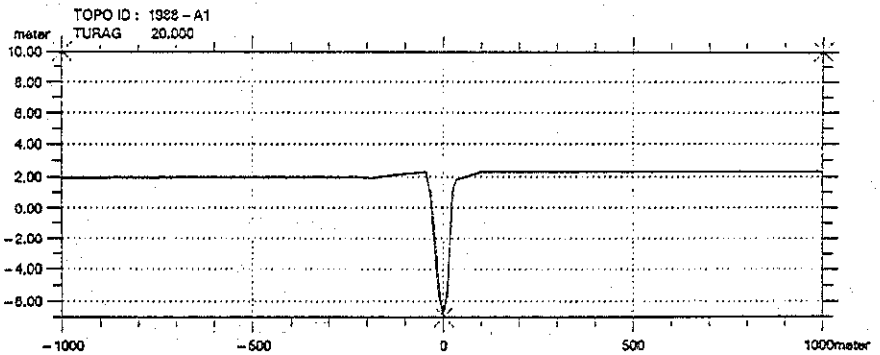
TU-9 (Acc. dis.= 20.2)



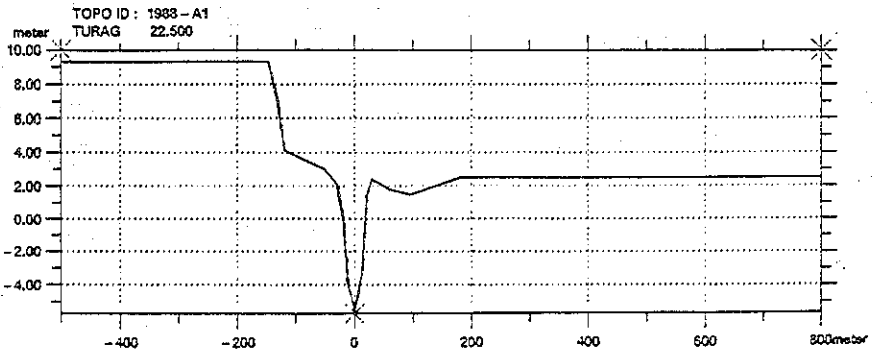
TU-8A (Acc. dis.= 18.8)



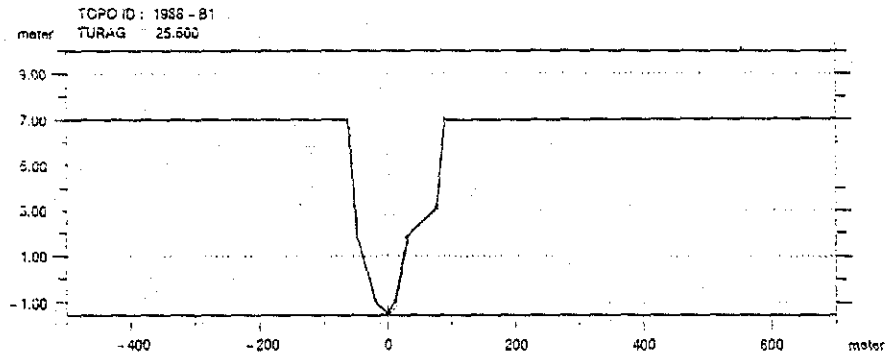
TU-8 (Acc. dis.= 17.5)



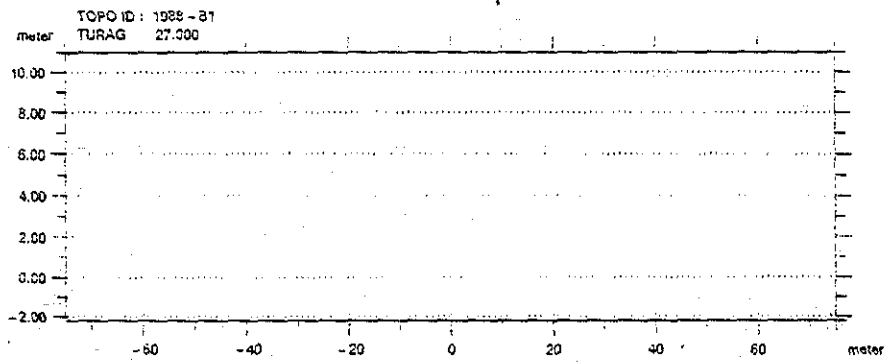
TU-7 (Acc. dis.= 15.0)



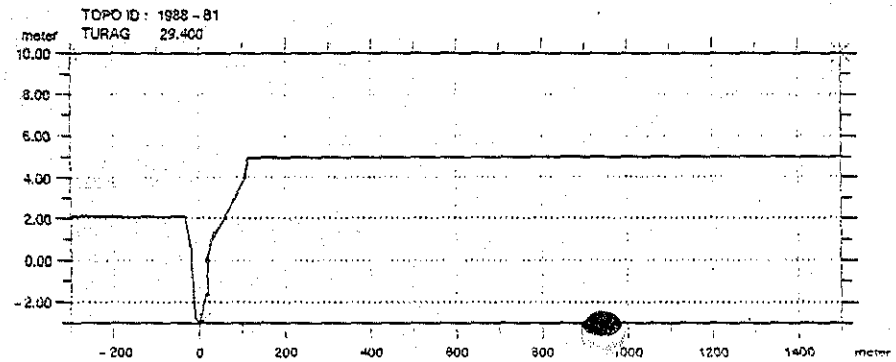
TU-6 (Acc. dis. = 11.9)



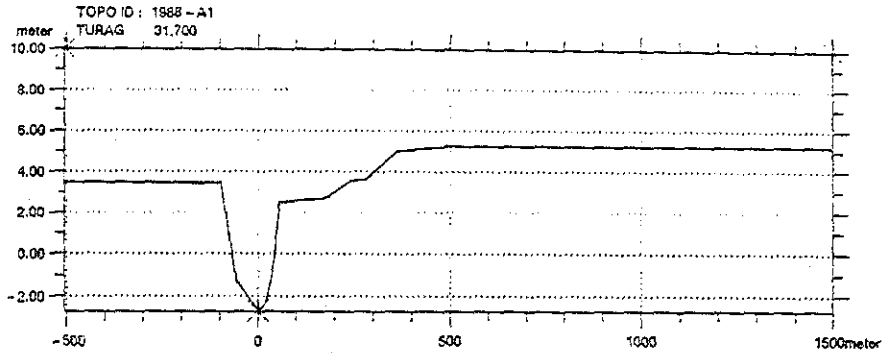
TU-6A (Acc. dis. = 10.2) : Mirpur



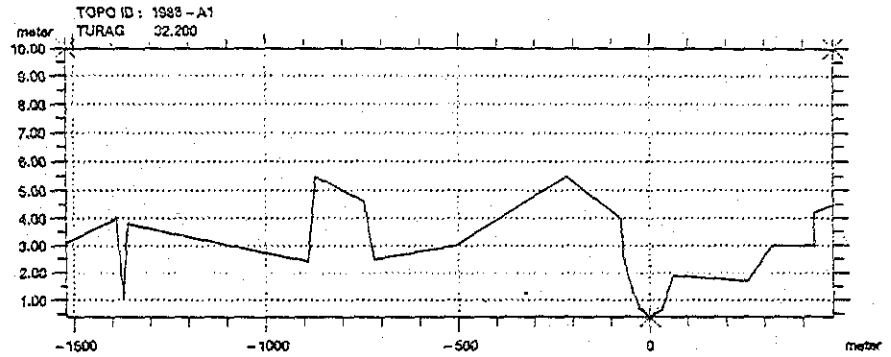
TU-5 (Acc. dis. = 8.1)



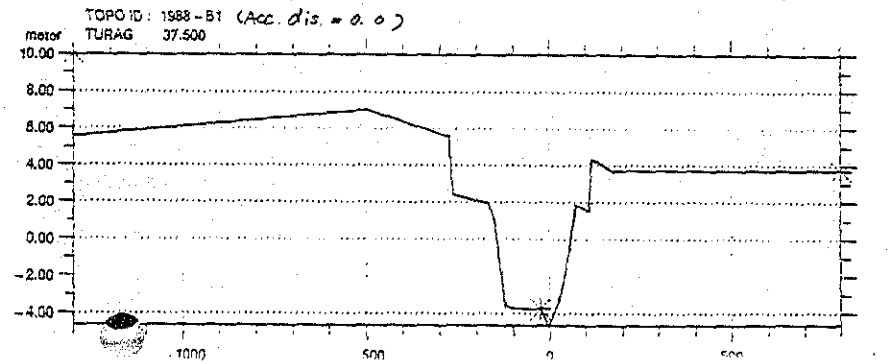
TU-4 (Acc. dis. = 5.8)



TU-4A (Acc. dis = 5.3)



TU-1



1988-B1
BALU
0.000 — B-7A (Acc. dis. = 28.7 km)
COORDINATES
1 90.493 23.932
(Longitude) (Latitude)
FLOW DIRECTION
0
DATUM
0.00
PROFILE 18

X(m)	Z(m)	relative resistance	
-300.00	10.00	1.00	<1>
-300.00	4.60	3.33	
-48.00	1.80	3.33	
-40.00	5.80	3.33	
-32.00	3.20	1.00	
0.00	2.20	1.00	<2>
20.00	2.30	1.00	
55.00	4.70	1.00	
60.00	7.70	1.00	⇔ n_1=0.030
75.00	7.00	1.00	
78.00	7.80	1.00	
110.00	8.00	3.33	⇔ n_2=0.030 ×3.33 = 0.100
200.00	7.90	3.33	
205.00	6.50	3.33	
230.00	5.50	3.33	
290.00	9.00	3.33	
315.00	9.80	3.33	
315.00	10.00	3.33	<3>

****

1988-B1
BALU
1.900 — B-7 (Acc. dis. = 26.8 km)
COORDINATES
1 90.492 23.917
FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-200.00	10.00	1.00	<1>
-200.00	2.30	3.33	
-140.00	2.30	3.30	
-110.00	2.10	3.33	
-50.00	2.00	3.33	
-20.00	2.50	3.33	
-15.00	0.90	1.00	
-7.00	-0.10	1.00	
-5.00	-0.30	1.00	
3.00	-0.30	1.00	<2>
6.00	-0.20	1.00	
9.00	-0.15	1.00	
18.00	0.60	1.00	
28.00	1.80	1.00	
50.00	1.80	1.00	
55.00	3.60	1.00	
69.00	3.90	3.33	
80.00	5.00	3.33	
93.00	5.50	3.33	
123.00	5.90	3.33	
200.00	5.90	3.33	
200.00	10.00	3.33	<3>

****

n_1 = 0.030
n_2 = 0.100

Note: n_1 : Manning's roughness coefficient of river channel
n_2 : Manning's roughness coefficient of flood plain

1988-B1
BALU
2.700 — B-6B (Acc. dis. = 26.0 km)
COORDINATES
1 90.488 23.911
FLOW DIRECTION
0
DATUM
0.00
PROFILE 16

-300.00	10.00	1.00	<1>
-300.00	2.50	3.33	
-85.00	2.50	3.33	
-25.00	2.00	3.33	
-20.00	3.00	3.33	
-15.00	1.50	1.00	
0.00	-0.30	1.00	
10.00	-0.30	1.00	<2>
30.00	0.80	1.00	
38.00	1.50	1.00	
40.00	2.60	1.00	
45.00	2.00	3.33	
155.00	2.70	3.33	
180.00	2.90	3.33	
200.00	3.80	3.33	
200.00	10.00	3.33	<3>

****

n_1 = 0.030
n_2 = 0.100

1988-B1
BALU
7.200 — B-6A (Acc. dis. = 21.5 km)
COORDINATES
1 90.467 23.883
FLOW DIRECTION
0
DATUM
0.00
PROFILE 15

-150.00	10.00	1.00	<1>
-150.00	6.60	3.33	
-120.00	5.00	3.33	
-40.00	5.50	3.33	
-30.00	2.50	1.00	
-20.00	1.50	1.00	
0.00	1.00	1.00	<2>
40.00	2.50	1.00	
70.00	2.50	1.00	
80.00	3.60	1.00	
175.00	3.75	3.33	
230.00	3.30	3.33	
240.00	1.20	3.33	
300.00	3.50	3.33	
300.00	10.00	3.33	<3>

****

n_1 = 0.030
n_2 = 0.100

1988-B1 *B-6*
BALU
8.200 *(Acc. dis. = 20.5 km)*
COORDINATES
1 90.467 23.871
FLOW DIRECTION
0
DATUM
0.00
PROFILE 23

-300.00	10.00	1.00	<1>
-300.00	3.50	3.33	
-150.00	3.50	3.33	
-120.00	3.80	3.33	
-90.00	4.35	3.33	
-60.00	4.75	3.33	
-58.00	3.70	1.00	
-48.00	3.50	1.00	
-44.00	2.20	1.00	
-26.00	1.80	1.00	
-24.00	1.25	1.00	
-15.00	0.20	1.00	
0.00	-0.40	1.00	<2>
4.00	-0.30	1.00	
15.00	1.25	1.00	
17.00	1.90	1.00	
25.00	2.00	1.00	
30.00	3.75	1.00	
60.00	3.60	3.33	
90.00	3.60	3.33	
120.00	3.75	3.33	
400.00	3.75	3.33	
400.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 *B-5*
BALU
11.900 *(Acc. dis. = 18.8 km)*
COORDINATES
1 90.475 23.844
FLOW DIRECTION
0
DATUM
0.00
PROFILE 23

-300.00	10.00	1.00	<1>
-300.00	3.30	3.33	
-143.00	3.30	3.33	
-118.00	2.50	3.33	
-93.00	2.10	3.33	
-63.00	2.50	3.33	
-33.00	3.10	3.33	
-28.00	1.30	1.00	
-19.00	-0.40	1.00	
-15.00	-0.50	1.00	
-10.00	-1.20	1.00	
0.00	-1.40	1.00	<2>
3.00	-1.00	1.00	
16.00	1.70	1.00	
20.00	6.40	1.00	
22.00	6.40	3.33	
24.00	5.25	3.33	
50.00	4.00	3.33	
80.00	3.25	3.33	
111.00	3.00	3.33	
140.00	3.75	3.33	
200.00	3.75	3.33	
200.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 *B-4A*
BALU
12.900 *(Acc. dis. = 15.8 km)*
COORDINATES
1 90.479 23.837
FLOW DIRECTION
0
DATUM
0.00
PROFILE 15

-500.00	10.00	1.00	<1>
-500.00	6.20	3.33	
-180.00	6.00	3.33	
-175.00	6.70	3.33	
-120.00	6.40	3.33	
-110.00	5.10	1.00	
-50.00	2.80	1.00	
0.00	2.00	1.00	<2>
20.00	2.10	1.00	
70.00	2.80	1.00	
110.00	5.10	1.00	
120.00	8.30	1.00	
280.00	8.30	3.33	
300.00	9.80	3.33	
450.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 *B-4*
BALU
15.500 *(Acc. dis. = 13.2 km)*
COORDINATES
1 90.488 23.821
FLOW DIRECTION
0
DATUM
0.00
PROFILE 21

-300.00	10.00	1.00	<1>
-300.00	6.10	3.33	
-155.00	6.10	3.33	
-148.00	3.25	3.33	
-128.00	2.25	3.33	
-80.00	2.30	3.33	
-50.00	3.50	3.33	
-19.00	3.80	3.33	
-15.00	1.50	1.00	
-5.00	-0.30	1.00	
-4.00	-1.00	1.00	
0.00	-1.15	1.00	<2>
15.00	-0.20	1.00	
38.00	2.10	1.00	
41.00	3.70	1.00	
70.00	3.25	3.33	
101.00	3.90	3.33	
130.00	2.80	3.33	
190.00	2.00	3.33	
400.00	2.00	3.33	
400.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
BALU
17.700 B-3A (Acc. dis. = 11.0 km)
COORDINATES
1 90.486 23.802
FLOW DIRECTION
0
DATUM
0.00
PROFILE 16

-400.00	10.00	1.00	<1>
-100.00	1.00	3.33	
-56.00	1.30	3.33	
-44.00	3.50	3.33	
-40.00	1.20	1.00	
-20.00	-1.10	1.00	
0.00	-2.40	1.00	<2>
40.00	0.00	1.00	
45.00	1.00	1.00	
50.00	3.30	1.00	
51.00	1.50	3.33	
80.00	1.50	3.33	
100.00	1.40	3.33	
140.00	1.60	3.33	
300.00	3.31	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1
BALU
19.000 B-3 (Acc. dis. = 9.7 km)
COORDINATES
1 90.480 23.790
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-400.00	10.00	1.00	<1>
-400.00	2.80	3.33	
-184.00	2.80	3.33	
-124.00	3.20	3.33	
-94.00	3.20	3.33	
-64.00	3.90	3.33	
-44.00	3.90	3.33	
-41.00	2.50	1.00	
-37.00	1.20	1.00	
-34.00	0.85	1.00	
-31.00	0.20	1.00	
-10.00	-2.10	1.00	
0.00	-2.35	1.00	<2>
3.00	-1.70	1.00	
16.00	3.00	1.00	
19.00	4.00	1.00	
48.00	3.65	3.33	
79.00	3.75	3.33	
400.00	3.75	3.33	
400.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1
BALU
23.500 B-2 (Acc. dis. = 5.2 km)
COORDINATES
1 90.486 23.758
FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-700.00	10.00	1.00	<1>
-700.00	7.00	3.33	
-54.00	7.00	3.33	
-44.00	7.00	3.33	
-34.00	2.90	1.00	
-19.00	-2.30	1.00	
-9.00	-4.10	1.00	
0.00	-4.50	1.00	<2>
16.00	-2.50	1.00	
36.00	2.20	1.00	
41.00	4.30	1.00	
81.00	4.20	3.33	
101.00	4.00	3.33	
131.00	4.00	3.33	
141.00	4.40	3.33	
400.00	4.40	3.33	
400.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1
BALU
27.600 B-2A (Acc. dis. = 1.1 km)
COORDINATES
1 90.500 23.731
FLOW DIRECTION
0
DATUM
0.00
PROFILE 10

-400.00	10.00	1.00	<1>
-400.00	6.51	3.33	
-120.00	6.50	3.33	
-25.00	-0.50	1.00	
20.00	-0.50	1.00	<2>
75.00	1.00	1.00	
100.00	4.00	1.00	
200.00	7.00	1.00	
400.00	6.50	3.33	
400.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1 B-1A
BALU
28.700 (Acc. dis. = 0.0 km)
COORDINATES
1 90.504 23.730
FLOW DIRECTION
0
DATUM
0.00
PROFILE 10

-100.00	10.00	1.00	<1>
-100.00	6.51	3.33	
-120.00	6.50	3.33	
-25.00	-0.50	1.00	
20.00	-0.50	1.00	<2>
75.00	1.00	1.00	
100.00	1.00	1.00	
200.00	7.00	1.00	
400.00	6.50	3.33	
400.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 BHI-25A
BANSI
0.000 (Acc. dis. = 9.0 km)
COORDINATES
1 90.232 23.909
FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-300.00	10.00	1.00	<1>
-300.00	7.60	3.33	
-242.07	7.60	3.33	
-182.92	6.50	3.33	
-113.72	7.85	3.33	
-83.53	5.80	1.00	
-72.86	0.92	1.00	
-60.67	-0.91	1.00	
0.00	-2.00	1.00	
31.40	-2.00	1.00	<2>
68.90	-0.45	1.00	
89.33	0.92	1.00	
105.19	6.19	1.00	
130.49	7.82	1.00	
153.66	8.08	3.33	
300.00	8.08	3.33	
300.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 BHI-25
BANSI
2.000 (Acc. dis. = 9.0 km)
COORDINATES
1 90.233 23.892
FLOW DIRECTION
0
DATUM
0.00
PROFILE 19

-300.00	10.00	1.00	<1>
-300.00	7.60	3.33	
-242.07	7.60	3.33	
-182.92	6.50	3.33	
-113.72	7.85	3.33	
-83.53	5.80	1.00	
-72.86	0.92	1.00	
-60.67	-0.91	1.00	
-24.39	-2.13	1.00	
-6.09	-2.73	1.00	
0.00	-3.34	1.00	
31.40	-3.34	1.00	<2>
68.90	-0.45	1.00	
89.33	0.92	1.00	
105.19	6.19	1.00	
130.49	7.82	1.00	
153.66	8.08	3.33	
300.00	8.08	3.33	
300.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1 BHI-26
BANSI
(Acc. dis. = 1.4 km)
7.600
COORDINATES
1 90.211 23.815
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-500.00	10.00	1.00	<1>
-500.00	7.29	3.33	
-375.56	7.29	3.33	
-316.41	6.13	3.33	
-256.96	5.76	3.33	
-195.38	5.55	3.33	
-135.01	5.24	3.33	
-106.96	-2.56	1.00	
-80.41	-5.61	1.00	
-60.93	-6.22	1.00	
-24.65	-8.05	1.00	
0.00	-9.58	1.00	<2>
12.85	-8.66	1.00	
27.18	-6.53	1.00	
57.67	3.38	1.00	
72.00	6.05	1.00	
136.33	6.36	3.33	
160.12	6.88	3.33	
300.00	6.88	3.33	
300.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

D-14A
(Acc. dis. = 0.0 km)

```
1988-B1
BANSI
          9.000
COORDINATES
     1          90.250          23.833
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          29
    -700.00       10.00        1.00      <1>
    -700.00        6.79        3.33
    -570.10        6.79        3.33
    -500.00        6.18        3.33
    -466.50        7.66        3.33
    -460.40        3.39        3.33
    -420.70        7.13        3.33
    -368.90        6.53        3.33
    -320.10        6.45        3.33
    -307.90        3.81        3.33
    -283.50        3.32        3.33
    -247.00        7.03        3.33
    -170.70        7.37        3.33
    -149.10        0.00        1.00
    -100.60       -2.16        1.00
     -88.10       -6.55        1.00
     -33.54       -6.55        1.00
       0.00       -8.07        1.00
      12.76       -8.07        1.00      <2>
      94.51       -6.31        1.00
     125.00       -2.71        1.00
     216.46        5.89        1.00
     277.44        6.54        1.00

     527.44        6.50        3.33
     618.90        6.75        3.33
     692.07        6.60        3.33
     777.44        7.10        3.33
    1600.00        7.40        3.33
    1600.00       10.00        3.33      <3>
**********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

TU-1
(Acc. dis. = 17.5 km)

```
1988-B1
BURIGANGA
          0.000
COORDINATES
     1          90.348          23.712
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          19
   -1300.00       10.00        1.00      <1>
   -1300.00        5.60        3.30
    -500.00        7.00        3.30
    -275.00        5.60        3.30
    -265.00        2.40        3.30
    -165.00        1.90        3.30
    -119.00        0.90        1.00
    -123.00       -3.60        1.00
    -105.00       -3.75        1.00
     -25.00       -3.75        1.00
       0.00       -4.60        1.00      <2>
      30.00       -3.00        1.00
      50.00       -1.00        1.00
      70.00        1.90        1.00
     109.00        1.50        3.30
     115.00        1.50        3.30
     175.00        3.75        3.30
     800.00        3.75        3.30
     800.00       10.00        3.30      <3>
**********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

BGA-6
(Acc. dis. = 16.4 km)

```
1988-B1
BURIGANGA
          1.100
COORDINATES
     1          90.368          23.706
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          16
   -1700.00       10.00        1.00      <1>
   -1700.00        6.25        3.30
    -800.00        7.00        3.30
    -243.90        6.25        3.30
    -173.78        2.05        1.00      <2>
       0.00       -9.52        1.00
     125.00        2.05        1.00
     140.24        3.55        1.00
     182.92        3.75        3.30
     213.41        4.99        3.30
     268.29        6.29        3.30
     317.07        3.95        3.30
     323.17        6.63        3.30
     359.75        7.08        3.30
     500.00        7.08        3.30      <3>
     500.00       10.00        3.30
**********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

BGA-5
(Acc. dis. = 12.7 km)

```
1988-B1
BURIGANGA
          4.800
COORDINATES
     1          90.402          23.708
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          15
    -200.00       10.00        1.00      <1>
    -200.00        6.56        3.33
    -117.07        6.56        3.33
     -87.80        2.33        1.00
     -53.66       -5.28        1.00
     -36.59       -5.28        1.00
     -21.95       -9.27        1.00
       0.00       -9.85        1.00      <2>
      21.95       -9.27        1.00
      80.49       -3.76        1.00
     129.27        2.33        1.00
     131.15        4.09        1.00
     165.86        5.83        1.00
     197.56        5.97        3.33
     258.54        6.10        3.33      <3>
**********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1
BURIGANGA
7.000

BGA-4 (Acc. dis.=10.5 km)

COORDINATES

1	90.418	23.698

FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-335.36	10.00	1.00	<1>
-335.36	7.69	3.33	
-280.56	5.18	1.00	
-268.29	1.82	1.00	
-176.83	-4.26	1.00	
-146.34	-4.87	1.00	
0.00	-4.87	1.00	<2>
18.29	-4.26	1.00	
60.98	-4.26	1.00	
109.76	0.30	1.00	
176.83	1.82	1.00	
195.12	4.61	1.00	
228.66	4.57	3.33	
289.64	5.34	3.33	
326.22	2.91	3.33	
341.46	5.18	3.33	
341.46	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
BURIGANGA
11.500

BGA-3 (Acc. dis.=6.0 km)

COORDINATES

1	90.151	23.669

FLOW DIRECTION
0
DATUM
0.00
PROFILE 11

-311.51	10.00	1.00	<1>
-311.51	5.54	3.33	
-292.69	6.34	3.33	
-234.76	6.13	3.33	
-138.72	-1.82	1.00	
-102.41	-6.10	1.00	
-29.88	-7.56	1.00	
0.00	-8.81	1.00	<2>
66.77	-3.66	1.00	
112.80	1.82	1.00	
125.00	5.75	1.00	
454.27	5.52	3.33	
500.00	5.32	3.33	
500.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
BURIGANGA
13.800

BGA-2 (Acc. dis.=3.7 km)

COORDINATES

1	90.465	23.652

FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-300.00	10.00	1.00	<1>
-300.00	5.74	3.33	
-134.00	5.74	3.33	
-98.47	6.61	3.33	
-73.17	-5.85	1.00	
0.00	-5.85	1.00	<2>
18.78	-5.25	1.00	
73.17	-4.96	1.00	
121.95	4.05	1.00	
213.42	6.73	1.00	
274.39	4.05	3.33	
298.78	0.31	3.33	
371.95	0.10	3.33	
445.12	0.03	3.33	
500.00	0.41	3.33	
560.98	3.60	3.33	
695.12	3.30	3.33	
743.90	3.75	3.33	
801.83	3.78	3.33	
868.90	3.68	3.33	
1012.20	3.72	3.33	
1012.20	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
BURIGANGA
16.500

BGA-2A (Acc. dis.=1.0 km)

COORDINATES

1	90.468	23.633

FLOW DIRECTION
0
DATUM
0.00
PROFILE 9

-400.00	10.00	1.00	<1>
-400.00	4.00	1.00	
-200.00	4.00	3.33	
-100.50	-10.40	3.33	
0.00	-10.40	1.00	
100.00	-10.40	1.00	<2>
200.00	2.20	1.00	
300.00	2.20	1.00	
300.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

```
1988-B1                                   BGA-1
BURIGANGA                          (Acc.dis. = 0.0 km)
        17.500
COORDINATES
    1          90.458          23.629
FLOW DIRECTION
0
DATUM
      0.00
PROFILE         29
   -800.00      10.00        1.00      <1>
   -800.00       0.33        3.33
    -12.68       0.33        3.33
    -27.68     -12.10        1.00
      0.00     -12.16        1.00      <2>
      6.10     -10.64        1.00
     67.07      -6.06        1.00
    365.86      -9.12        1.00
    445.12      -9.73        1.00
    518.29     -11.55        1.00
    591.76      -3.01        1.00
    692.26       1.55        1.00
    908.53       1.85        3.33
    993.90       1.92        3.33
   1146.34       0.80        3.33
   1243.90       0.64        3.33
   1268.29       5.57        3.33
   1310.97       6.22        3.33
   1335.36       6.25        3.33
   1408.53       0.57        3.33
   1438.93       0.70        3.33
   1463.41       4.93        3.33
   1469.51       2.77        3.33
   1481.71       2.16        3.33
   1560.97       2.23        3.33
   1695.12       2.31        3.33
   1756.10       1.93        3.33
   1835.36       4.03        3.33
   1835.36      10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

```
1988-B1                                   D-14A
DHALESWARI                         (Acc.dis. = 60.2km)
         0.000
COORDINATES
    1          90.250          23.833
FLOW DIRECTION
0
DATUM
      0.00
PROFILE         29
   -700.00      10.00        1.00      <1>
   -700.00       6.79        3.33
   -570.10       6.79        3.33
   -500.00       6.18        3.33
   -466.50       7.66        3.33
   -460.40       3.39        3.33
   -420.70       7.13        3.33
   -368.90       6.53        3.33
   -320.10       6.15        3.33
   -307.90       3.81        3.33
   -283.50       3.32        3.33
   -217.00       7.03        3.33
   -170.70       7.37        3.33
   -119.40       0.00        1.00
   -100.60      -2.16        1.00
    -88.40      -6.55        1.00
    -33.54      -6.55        1.00
      0.00      -8.07        1.00
     42.76      -8.07        1.00      <2>
     91.51      -6.31        1.00
    125.00      -2.74        1.00
    216.46       5.89        1.00
    277.11       6.51        1.00
    527.44       6.50        3.33
    618.90       6.75        3.33
    692.07       6.60        3.33
    777.11       7.10        3.33
   1600.00       7.10        3.33
   1600.00      10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

```
1988-B1                                   D-14
DHALESWARI                         (Acc.dis. = 59.7km)
         0.500
COORDINATES
    1          90.251          23.827
FLOW DIRECTION
0
DATUM
      0.00
PROFILE         29
   -700.00      10.00        1.00      <1>
   -700.00       6.79        3.33
   -570.10       6.79        3.33
   -500.00       6.18        3.33
   -466.50       7.66        3.33
   -460.40       3.39        3.33
   -420.70       7.13        3.33
   -368.90       6.53        3.33
   -320.10       6.45        3.33
   -307.90       3.81        3.33
   -283.50       3.32        3.33
   -247.00       7.03        3.33
   -170.70       7.37        3.33
   -149.40       0.00        1.00
   -100.60      -2.16        1.00
    -88.40      -6.55        1.00
    -33.54      -6.55        1.00
      0.00      -8.07        1.00
     42.76      -8.07        1.00      <2>
     94.51      -6.34        1.00
    125.00      -2.74        1.00
    216.46       5.89        1.00
    277.44       6.51        1.00
    527.44       6.50        3.33
    618.90       6.75        3.33
    692.07       6.60        3.33
    777.11       7.10        3.33
   1600.00       7.10        3.33
   1600.00      10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

```
1988-B1                                   D-15
DHALESWARI                         (Acc.dis. = 49.6 km)
        10.600
COORDINATES
    1          90.265          23.756
FLOW DIRECTION
0
DATUM
      0.00
PROFILE         36
  -1000.00      10.00        1.00      <1>
  -1000.00       7.49        3.33
   -164.63       7.49        3.33
   -106.70       7.83        3.33
    -60.97       6.43        3.33
    -42.68       4.05        1.00
    -39.63      -2.53        1.00
    -36.58      -3.04        1.00
      0.00      -3.04        1.00      <2>
     21.39       5.61        1.00
     67.08       5.28        3.33
     85.37       4.55        3.33
    179.88       5.17        3.33
    262.20       5.51        3.33
    371.96       1.25        3.33
    154.27       4.25        3.33
    481.71       4.51        3.33
    515.25       4.54        3.33
    560.98       5.45        3.33
    621.96       4.86        1.00
    631.10       3.96        1.00
    631.15       2.89        1.00
    679.88       1.12        1.00
    743.91       1.06        1.00
    762.25       0.70        1.00
    780.49       0.64        1.00
    817.08       0.61        1.00
    841.47       2.19        1.00
    856.71       1.02        1.00
    865.86       7.05        1.00
    914.61       6.83        3.33
    951.22       7.36        3.33
    987.81       7.20        3.33
   1021.39       7.37        3.33
   1500.00       7.37        3.33
   1500.00      10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$
$n_2 = 0.100$

D-16 (Acc.dis. = 42.9 km)

```
1988-B1
DHALESWARI
         17.300
COORDINATES
   1            90.250            23.733
FLOW DIRECTION
0
DATUM
     0.00
PROFILE         23
  -1500.00      10.00      1.00      <1>
  -1500.00       6.79      3.33
   -945.12       6.79      3.33
   -917.69       6.28      3.33
   -871.95       5.33      3.33
   -783.54       5.79      3.33
   -756.10       5.79      3.33
   -725.61       5.66      3.33
   -179.88       5.82      3.33
    -60.98       4.57      1.00
    -48.78       3.80      1.00
      0.00      -5.34      1.00
     48.78      -5.34      1.00      <2>
    210.36       3.80      1.00
    219.51       6.06      1.00
    335.36       5.67      3.33
    469.51       5.55      3.33
    518.29       5.47      3.33
    609.75       6.06      3.33
    682.92       5.91      3.33
    841.16       6.50      3.33
   1500.00       6.50      3.33
   1500.00      10.00      3.33      <3>
******************************
```

$n_1 = 0.030$

$n_2 = 0.100$

D-16A (Acc. dis. = 40.5 km)

```
1988-B1
DHALESWARI
         19.700
COORDINATES
   1            90.265            23.721
FLOW DIRECTION
0
DATUM
     0.00
PROFILE         11
  -2500.00      10.00      1.00      <1>
  -2500.00       6.00      1.00
   -900.00       6.00      1.00
   -375.00       6.00      1.00
    -35.00      -5.40      1.00
      0.00      -5.40      1.00      <2>
     35.00      -5.40      1.00
    125.00       6.00      1.00
   1200.00       6.00      1.00      <3>
   2000.00       6.00      1.00
   2000.00      10.00      1.00
******************************
```

$n_1 = 0.025$

$n_2 = 0.100$

D-17 (Acc. dis. = 34.6 km)

```
1988-B1
DHALESWARI
         25.600
COORDINATES
   1            90.281            23.681
FLOW DIRECTION
0
DATUM
     0.00
PROFILE         28
  -3500.00      10.00      1.00      <1>
  -3500.00       6.06      4.00
  -1634.14       6.06      4.00
  -1478.66       6.03      4.00
  -1387.19       6.09      4.00
  -1356.70       3.66      1.00
  -1350.61       1.34      1.00
  -1256.09       0.48      1.00
  -1219.51       0.51      1.00
  -1048.78       3.66      1.00
  -1036.58       5.01      1.00
   -975.61       4.93      1.00
   -853.66       4.95      1.00
   -670.73       4.87      1.00
   -487.80       4.29      1.00
   -396.34       2.68      1.00
   -243.90       4.29      1.00
   -128.05       5.10      1.00
    -85.36      -0.36      1.00
      0.00      -5.44      1.00      <2>
     60.98      -5.38      1.00
     91.47       3.01      1.00
     91.96       5.66      1.00
    170.73       4.75      4.00
    182.93       6.03      4.00
    189.73       6.03      4.00
    800.00       6.03      1.00
    800.00      10.00      4.00      <3>
******************************
```

$n_1 = 0.025$

$n_2 = 0.100$

D-18 (Acc. dis. = 29.4 km)

```
1988-B1
DHALESWARI
         30.800
COORDINATES
   1            90.327            23.656
FLOW DIRECTION
0
DATUM
     0.00
PROFILE         30
  -2000.00      10.00      1.00      <1>
  -2000.00       7.01      4.00
  -1500.00       7.01      1.00
   -664.64       7.01      1.00
   -501.10       3.35      1.00
   -463.42       3.32      1.00
   -365.86       5.79      1.00
   -121.95       5.15      1.00
    -60.98       5.90      1.00
    -42.69       3.32      1.00      <2>
      0.00      -1.86      1.00
    182.92       0.27      1.00
    213.41       3.32      1.00
    289.63       5.58      1.00
    412.07       4.76      1.00
    573.17       5.70      1.00
    670.73       5.82      1.00
    731.70       5.67      1.00
    792.68       5.19      1.00
    829.26       3.31      1.00
    911.63      -0.35      1.00
   1103.65       3.31      1.00
   1115.85       3.97      1.00
   1182.92       4.27      1.00
   1219.51       0.57      1.00
   1280.48       5.51      1.00
   1390.21       5.15      1.00
   1500.00       5.15      1.00
   2000.00       5.15      1.00      <3>
   2000.00      10.00      1.00
******************************
```

$n_1 = 0.025$

$n_2 = 0.100$

1988-B1
DHALESWARI
37,200

D-19 (Acc.dis.=23.0 km)

COORDINATES
1 90.381 23.638
FLOW DIRECTION
0
DATUM
0.00
PROFILE 31

-3000.00	10.00	1.00	<1>
-3000.00	5.08	1.00	
-1865.86	5.08	1.00	
-1829.27	4.05	1.00	
-1807.93	2.85	1.00	
-1676.84	-4.77	1.00	
-1646.35	-4.77	1.00	
-1585.37	2.85	1.00	
-1548.78	4.50	1.00	
-1463.42	4.18	1.00	
-1402.44	4.18	1.00	
-1341.47	4.00	1.00	$n_1=0.025$
-1182.93	4.50	1.00	
-1000.00	2.32	1.00	$n_2=0.100$
-914.64	4.12	1.00	
-853.66	4.21	1.00	
-823.18	3.61	1.00	
-670.74	3.15	1.00	
-585.37	3.12	1.00	
-524.39	2.85	1.00	
-426.83	3.24	1.00	
-280.49	3.24	1.00	
-195.13	4.05	1.00	
-170.74	2.76	1.00	
0.00	-6.39	1.00	<2>
48.78	-6.34	1.00	
89.02	2.76	1.00	
121.95	4.24	1.00	
450.00	4.24	1.00	
800.00	4.24	4.00	<3>
800.00	10.00	4.00	

****

1988-B1
DHALESWARI
16,200

D-19A (Acc.dis.=14.0 km)

COORDINATES
1 90.154 23.606
FLOW DIRECTION
0
DATUM
0.00
PROFILE 10

-800.00	10.00	1.00	<1>
-800.00	4.42	1.00	
-384.14	4.71	1.00	
-335.36	1.48	4.00	
-140.24	-9.54	1.00	
0.00	-10.15	1.00	<2>
103.66	-8.02	1.00	
140.25	2.70	1.00	
3000.00	4.31	1.00	
3000.00	10.00	4.00	<3>

****

$n_1=0.025$
$n_2=0.100$

1988-B1
DHALESWARI
47,200

D-20 (Acc.dis.=13.2 km)

COORDINATES
1 90.456 23.619
FLOW DIRECTION
0
DATUM
0.00
PROFILE 18

-800.00	10.00	1.00	<1>
-800.00	4.42	1.00	
-506.09	4.42	1.00	
-384.14	4.71	4.00	
-335.36	4.48	4.00	
-140.24	-9.54	1.00	
0.00	-10.15	1.00	<2>
103.66	-8.02	1.00	
140.25	2.70	1.00	
408.04	4.34	4.00	
554.88	3.47	4.00	
652.44	3.58	4.00	
725.61	3.58	4.00	
804.88	3.29	4.00	
881.11	3.07	4.00	
957.32	4.11	4.00	
3000.00	4.11	1.00	
3000.00	10.00	4.00	<3>

****

$n_1=0.025$
$n_2=0.100$

1988-B1
DHALESWARI
51,700

D-21 (Acc.dis.=8.5 km)

COORDINATES
1 90.488 23.590
FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-1006.09	10.00	1.00	<1>
-1006.09	4.41	4.00	
-898.34	3.56	1.00	
-823.17	4.11	4.00	
-792.68	3.96	4.00	
-750.00	3.00	4.00	
-390.24	3.00	1.00	
-338.41	2.73	4.00	
-121.95	-4.89	1.00	
0.00	-5.19	1.00	
91.47	-5.19	1.00	<2>
298.78	-1.84	1.00	
359.76	3.17	1.00	
457.32	3.50	4.00	
554.88	3.55	4.00	
670.73	1.82	4.00	
731.71	3.62	4.00	
768.30	3.93	4.00	
823.17	3.94	4.00	
915.12	3.81	4.00	
1300.00	3.81	1.00	
1300.00	10.00	4.00	<3>

****

$n_1=0.025$
$n_2=0.100$

1988-B1 D-21A
DHALESWARI
54.500 (Acc.dis. = 5.7 km)
COORDINATES
1 90.500 23.579
FLOW DIRECTION
0
DATUM
0.00
PROFILE 9

-1000.00	10.00	1.00	<1>
-1000.00	4.00	4.00	
-340.00	4.00	4.00	
-100.00	-10.90	1.00	
0.00	-10.90	1.00	
100.00	-10.90	1.00	<2>
420.00	4.00	1.00	
1000.00	4.00	4.00	
1000.00	10.00	4.00	<3>

****

$n_1 = 0.025$

$n_2 = 0.100$

1988-B1 D-22
DHALESWARI
56.300 (Acc.dis. = 3.9 km)
COORDINATES
1 90.524 23.568
FLOW DIRECTION
0
DATUM
0.00
PROFILE 11

-792.69	10.00	1.00	<1>
-792.69	0.68	1.00	
-573.17	1.29	1.00	
-271.39	-0.53	4.00	
-60.98	-20.65	1.00	
0.00	-20.95	1.00	<2>
138.53	3.65	1.00	
335.36	3.35	1.00	
396.52	1.62	1.00	
500.00	1.62	1.00	
500.00	10.00	1.00	<3>

****

$n_1 = 0.025$

$n_2 = 0.100$

1988-B1 D-23
DHALESWARI
60.200 (Acc.dis. = 0.0 km)
COORDINATES
1 90.561 23.571
FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-682.93	10.00	1.00	<1>
-682.93	2.53	1.00	
-518.78	2.21	1.00	
-487.80	1.29	1.00	
-457.32	-2.53	1.00	
-420.73	-5.39	1.00	
-353.66	-6.92	1.00	
-243.90	-5.39	1.00	
-121.95	-5.39	1.00	
0.00	-6.92	1.00	
60.98	-5.39	1.00	
250.00	-11.19	1.00	<2>
353.66	-10.57	1.00	
426.83	-3.87	1.00	
518.78	-2.31	1.00	
560.98	-0.82	1.00	
646.34	0.21	1.00	
649.39	3.73	1.00	
731.71	1.09	4.00	
841.47	3.34	4.00	
1500.00	3.34	1.00	
1500.00	10.00	1.00	<3>

****

$n_1 = 0.025$

$n_2 = 0.100$

1988-B1 K-4
KARNATALI
0.000 (Acc.dis. = 11.9 km)
COORDINATES
1 90.254 23.821
FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-350.00	10.00	1.00	<1>
-350.00	6.38	3.33	
-250.00	7.61	3.33	
-125.00	6.82	3.33	
-55.00	1.30	1.00	
-12.00	1.41	1.00	
-1.00	-1.35	1.00	
0.00	-1.79	1.00	<2>
8.00	-1.00	1.00	
12.00	1.11	1.00	
35.00	3.30	1.00	
50.00	7.95	1.00	
110.00	5.74	3.33	
180.00	8.01	3.33	
250.00	6.65	3.33	
300.00	6.82	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
KARNATALI
1.600 *K-3 (Acc. dis. = 10.3 km)*
COORDINATES
1 90.261 23.818
FLOW DIRECTION
0
DATUM
0.00
PROFILE 12

-400.00	10.00	1.00	<1>
-400.00	7.00	3.33	
-40.00	6.30	3.33	
-20.00	0.30	1.00	
0.00	-1.30	1.00	<2>
20.00	1.20	1.00	
60.00	2.50	1.00	
130.00	6.50	1.00	
400.00	5.80	3.33	
500.00	6.50	3.33	
525.00	8.00	3.33	
525.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
KARNATALI
6.100 *K-2 (Acc. dis. = 5.5 km)*
COORDINATES
1 90.302 23.806
FLOW DIRECTION
0
DATUM
0.00
PROFILE 14

-300.00	10.00	1.00	<1>
-300.00	5.22	3.33	
-270.00	5.21	3.33	
-50.00	4.77	3.33	
-35.00	3.44	1.00	
-17.00	-0.61	1.00	
-9.00	-1.54	1.00	
0.00	-2.09	1.00	<2>
8.00	-1.21	1.00	
25.00	1.11	1.00	
50.00	2.96	1.00	
60.00	4.60	1.00	
300.00	4.60	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
KARNATALI
11.900 *K-1 (Acc. dis. = 0.0 km)*
COORDINATES
1 90.336 23.788
FLOW DIRECTION
0
DATUM
0.00
PROFILE 15

-200.00	10.00	1.00	<1>
-200.00	1.50	3.33	
-170.00	0.90	3.33	
-140.00	1.80	3.33	
-110.00	0.90	3.33	
-94.00	2.00	3.33	
-35.00	1.20	3.33	
-20.00	0.20	1.00	
-10.00	-1.50	1.00	
0.00	-1.80	1.00	<2>
15.00	-0.40	1.00	
65.00	1.20	1.00	
72.00	7.00	1.00	
120.00	7.80	3.33	
120.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
LAKHYA
0.000 *L-16 (Acc. dis. = 23.9 km)*
COORDINATES
1 90.515 23.753
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-300.00	10.00	1.00	<1>
-300.00	5.63	3.33	
-203.35	5.63	3.33	
-171.95	4.99	3.33	
-154.87	5.24	3.33	
-123.47	6.20	3.33	
-96.65	1.30	1.00	
-79.88	1.21	1.00	
-55.48	-0.31	1.00	
-38.72	-0.92	1.00	
0.00	-1.88	1.00	
53.05	-4.88	1.00	<2>
82.32	-3.36	1.00	
125.92	1.21	1.00	
196.04	2.91	1.00	
256.40	3.73	1.00	
326.53	1.89	1.00	
379.87	5.10	3.33	
132.00	1.97	3.33	
432.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1 L-16A
LAKHYA
2.300 (Acc.dis. = 21.6 km)
COORDINATES
1 90.513 23.731
FLOW DIRECTION
0
DATUM
0.00
PROFILE 16

-130.00	10.00	1.00	<1>
-130.00	4.20	3.33	
-180.00	6.50	3.33	
-150.00	2.40	1.00	
-120.00	-0.80	1.00	
-100.00	-1.00	1.00	
-80.00	-2.00	1.00	
-40.00	-2.40	1.00	
-20.00	-3.50	1.00	
0.00	-3.50	1.00	<2>
60.00	-1.30	1.00	
100.00	-1.00	1.00	
120.00	-1.20	1.00	
175.00	7.00	1.00	
150.00	7.00	3.33	
150.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1 L-16A1
LAKHYA
3.600 (Acc.dis. = 20.3 km)
COORDINATES
1 90.501 23.730
FLOW DIRECTION
0
DATUM
0.00
PROFILE 16

-130.00	10.00	1.00	<1>
-130.00	4.20	3.33	
-180.00	6.50	3.33	
-150.00	2.10	1.00	
-120.00	-0.80	1.00	
-100.00	-1.00	1.00	
-80.00	-2.00	1.00	
-40.00	-2.40	1.00	
-20.00	-3.10	1.00	
0.00	-3.10	1.00	<2>
60.00	-1.30	1.00	
100.00	-1.00	1.00	
120.00	-1.20	1.00	
175.00	7.00	1.00	
150.00	7.00	3.33	
150.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1 L-17
LAKHYA
7.900 (Acc.dis. = 16.0 km)
COORDINATES
1 90.527 23.695
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-400.00	10.00	1.00	<1>
-400.00	5.55	3.33	
-209.45	5.55	3.33	
-174.39	5.58	3.33	
-127.13	5.52	3.33	
-122.25	0.71	1.00	
-71.08	-3.86	1.00	
-29.27	-5.08	1.00	
0.00	-5.69	1.00	<2>
36.28	-5.38	1.00	
103.97	-2.34	1.00	
131.71	-1.12	1.00	
153.35	-0.51	1.00	
187.50	0.71	1.00	
214.03	3.30	1.00	
247.87	3.30	3.33	
308.23	2.84	3.33	
355.49	2.46	3.33	
404.71	4.73	3.33	
404.71	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1 L-18
LAKHYA
13.100 (Acc.dis. = 10.8 km)
COORDINATES
1 90.523 23.654
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-300.00	10.00	1.00	<1>
-300.00	3.84	3.33	
-186.28	3.84	3.33	
-135.37	2.47	1.00	
-113.62	1.13	1.00	
-79.88	-0.09	1.00	
-56.71	-3.75	1.00	
-28.96	-6.49	1.00	
0.00	-6.49	1.00	<2>
21.39	-5.58	1.00	
54.27	-1.97	1.00	
93.29	-1.05	1.00	
118.60	-1.92	1.00	
138.11	1.13	1.00	
151.88	1.51	1.00	
174.39	1.57	1.00	
225.00	1.45	3.33	
269.81	3.96	3.33	
300.00	3.96	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$
$n_2 = 0.100$

1988-B1
LAKHYA L-19
20.900 (Acc.dis.=3.0 km)
COORDINATES
1 90.515 23.585
FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-700.00	10.00	1.00	<1>
-700.00	6.74	3.33	
-558.84	6.74	3.33	
-197.25	3.74	3.33	
-151.88	3.89	3.33	
-307.32	3.75	3.33	
-274.39	3.59	3.33	
-228.66	2.52	3.33	
-159.45	0.62	1.00	
-136.58	-5.48	1.00	
-61.59	-11.58	1.00	
-35.06	-12.59	1.00	
0.00	-14.63	1.00	<2>
11.16	-8.53	1.00	
60.67	-5.48	1.00	
72.56	0.62	1.00	
94.51	5.37	1.00	
157.32	5.02	3.33	
208.67	5.30	3.33	
242.07	5.37	3.33	
500.00	5.37	3.33	
500.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
LAKHYA L-19A
23.900 (Acc.dis.=0.0 km)
COORDINATES
1 90.537 23.568
FLOW DIRECTION
0
DATUM
0.00
PROFILE 22

-800.00	10.00	1.00	<1>
-800.00	6.74	3.33	
-558.81	6.74	3.33	
-197.25	3.74	3.33	
-154.88	3.89	3.33	
-307.32	3.75	3.33	
-274.39	3.59	3.33	
-228.66	2.52	3.33	
-159.15	0.62	1.00	
-136.58	-5.48	1.00	
-61.59	-11.58	1.00	
-35.06	-12.59	1.00	
0.00	-14.63	1.00	<2>
41.16	-8.53	1.00	
60.67	-5.18	1.00	
72.56	0.62	1.00	
94.51	5.37	1.00	
157.32	5.02	3.33	
208.67	5.30	3.33	
212.07	5.37	3.33	
500.00	5.37	3.33	
500.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
TONGI TON-1A
0.000 (Acc.dis.=16.0 km)
COORDINATES
1 90.358 23.879
FLOW DIRECTION
0
DATUM
0.00
PROFILE 24

-400.00	10.00	1.00	<1>
-400.00	6.20	3.33	
-282.00	6.20	3.33	
-280.00	5.30	3.33	
-225.00	5.90	3.33	
-180.00	5.85	3.33	
-65.00	7.20	3.33	
-34.00	6.80	3.33	
-26.00	2.50	1.00	
-20.00	1.20	1.00	
0.00	0.50	1.00	<2>
14.00	1.00	1.00	
23.00	2.00	1.00	
28.00	4.00	1.00	
43.00	5.50	1.00	
45.00	7.40	1.00	
52.00	7.70	3.33	
60.00	5.50	3.33	
80.00	5.70	3.33	
90.00	5.20	3.33	
110.00	5.00	3.33	
125.00	6.20	3.33	
180.00	9.20	3.33	
250.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
TONGI TON-1
1.300 (Acc.dis.=14.7 km)
COORDINATES
1 90.361 23.883
FLOW DIRECTION
0
DATUM
0.00
PROFILE 18

-300.00	10.00	1.00	<1>
-300.00	2.20	3.33	
-101.00	2.20	3.33	
-44.00	2.35	3.33	
-37.00	3.00	3.33	
-31.00	2.20	3.33	
-12.00	2.25	3.33	
-8.00	1.20	1.00	
0.00	0.60	1.00	<2>
4.00	1.00	1.00	
7.00	1.90	1.00	
11.00	2.55	1.00	
58.00	2.50	3.33	
74.00	2.50	3.33	
148.00	2.90	3.33	
206.00	2.90	3.33	
300.00	2.90	3.33	
300.00	10.00	3.33	<3>

****

$n_1=0.030$
$n_2=0.100$

1988-B1
TONGI
6.400 TON-2 (Acc.dis.= 9.6 km)
COORDINATES
1 90.391 23.827
FLOW DIRECTION
0
DATUM
0.00
PROFILE 15

-300.00	10.00	1.00	<1>
-300.00	7.50	3.33	
-150.00	7.50	3.33	
-65.00	7.20	3.33	
-28.00	1.00	1.00	
-20.00	-6.30	1.00	
0.00	-7.80	1.00	<2>
14.00	-6.00	1.00	
20.00	-2.00	1.00	
21.00	1.00	1.00	
80.00	3.70	1.00	
90.00	7.50	3.33	
105.00	7.50	3.33	
300.00	7.50	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TONGI
8.000 TON-2B (Acc.dis.= 8.0 km)
COORDINATES
1 90.405 23.881
FLOW DIRECTION
0
DATUM
0.00
PROFILE 14

-200.00	10.00	1.00	<1>
-200.00	8.30	3.33	
-192.00	8.30	3.33	
-92.00	8.30	3.33	
-82.00	7.00	3.33	
-32.00	6.80	3.33	
-22.00	1.50	1.00	
0.00	-1.70	1.00	<2>
18.00	-1.30	1.00	
12.00	1.50	1.00	
50.00	6.50	1.00	
158.00	8.90	3.33	
300.00	8.90	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TONGI
8.300 TON-2A (Acc.dis.= 7.7 km)
COORDINATES
1 90.406 23.879
FLOW DIRECTION
0
DATUM
0.00
PROFILE 13

-200.00	10.00	1.00	<1>
-200.00	8.31	3.33	
-100.00	8.30	3.33	
-90.00	7.00	3.33	
-40.00	6.80	3.33	
-31.00	1.50	1.00	
-8.00	-1.70	1.00	<2>
10.00	-1.30	1.00	
33.00	1.50	1.00	
43.00	6.10	1.00	
150.00	7.80	3.33	
300.00	8.00	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TONGI
11.400 TON-3 (Acc.dis.= 1.6 km)
COORDINATES
1 90.458 23.892
FLOW DIRECTION
0
DATUM
0.00
PROFILE 20

-300.00	10.00	1.00	<1>
-300.00	2.40	3.33	
-138.00	2.40	3.33	
-108.00	2.30	3.33	
-78.00	2.35	3.33	
-68.00	2.50	3.33	
-62.00	2.50	3.33	
-38.00	1.60	1.00	
-16.00	0.75	1.00	
-6.00	-0.05	1.00	
-2.00	-0.10	1.00	
0.00	-0.20	1.00	
1.00	-0.20	1.00	<2>
29.00	1.10	1.00	
34.00	2.10	1.00	
38.00	2.25	3.33	
68.00	2.20	3.33	
79.00	2.50	3.33	
300.00	2.50	3.33	
300.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

```
1988-B1                    TON-3A
TONGI
        16.000      (Acc.dis.= 0.0 km)
COORDINATES
    1          90.461          23.886
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          13
   -110.00       10.00        1.00      <1>
   -110.00        4.30        3.33
    -30.00        3.20        3.33
     -5.00        1.00        1.00
     10.00        0.80        1.00      <2>
     25.00        1.50        1.00
     10.00        2.50        1.00
    150.00        3.50        1.00
    200.00        3.50        3.33
    220.00        4.00        3.33
    250.00        3.50        3.33
    300.00        3.50        3.33
    300.00       10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$

$n_2 = 0.100$

```
1988-B1                    TU-12A
TURAG
        0.000       (Acc.dis.=31.5 km)
COORDINATES
    1          90.373          23.976
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          11
  -1000.00       10.00        1.00      <1>
  -1000.00        5.51        3.33
   -100.00        1.90        3.33
    -35.00        5.50        3.33
    -28.00        1.80        1.00
      0.00        0.80        1.00      <2>
     28.00        1.70        1.00
     35.00        5.00        1.00
    190.00        1.00        3.33
   1000.00        1.00        3.33
   1000.00       10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$

$n_2 = 0.100$

```
1988-B1                    TU-12
TURAG
        9.400       (Acc.dis.= 28.0 km)
COORDINATES
    1          90.338          23.915
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          21
  -1000.00       10.00        1.00      <1>
  -1000.00        4.20        3.33
   -182.00        4.20        3.33
    -82.00        4.10        3.33
    -30.00        4.00        3.33
    -20.00        1.55        1.00
    -12.00        1.40        1.00
    -10.00        0.25        1.00
      0.00       -0.40        1.00      <2>
     18.00        0.60        1.00
     28.00        1.60        1.00
     38.00        3.80        1.00
     58.00        4.10        1.00
    104.00        4.00        3.33
    163.00        3.80        3.33
    222.00        1.05        3.33
    252.00        4.10        3.33
    292.00        5.50        3.33
    384.00        6.20        3.33
    800.00        6.20        3.33
    800.00       10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$

$n_2 = 0.100$

```
1988-B1                    TU-11
TURAG
       12.100       (Acc.dis.= 25.4 km)
COORDINATES
    1          90.338          23.891
FLOW DIRECTION
0
DATUM
       0.00
PROFILE          21
  -1000.00       10.00        1.00      <1>
  -1000.00        3.20        3.33
   -190.00        3.20        3.33
   -160.00        3.10        3.33
   -130.00        3.70        3.33
   -100.00        1.00        3.33
    -70.00        3.60        3.33
    -66.00        2.10        3.33
    -30.00        2.10        3.33
    -22.00        1.60        1.00
    -10.00        0.80        1.00
      0.00        0.60        1.00      <2>
     20.00        2.30        1.00
     80.00        2.70        1.00
    170.00        2.80        3.33
    260.00        3.80        3.33
    310.00        4.25        3.33
    370.00        6.00        3.33
    420.00        7.75        3.33
    490.00        9.00        3.33
    490.00       10.00        3.33      <3>
*********************************
```

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1 TV-10A
TURAG
13.000 (Acc. dis. = 24.5 km)
COORDINATES
1 90.342 23.892
FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-1000.00	10.00	1.00	<1>
-1000.00	7.31	3.33	
-260.00	7.30	3.33	
-240.00	6.50	3.33	
-220.00	7.80	3.33	
-160.00	8.20	3.33	
-140.00	7.80	3.33	
-130.00	5.50	1.00	
-80.00	3.50	1.00	
-40.00	3.00	1.00	
-30.00	1.00	1.00	
-10.00	1.00	1.00	<2>
110.00	4.00	1.00	
200.00	5.00	1.00	
250.00	8.00	1.00	
400.00	8.00	3.33	
400.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1 TV-10
TURAG
15.100 (Acc. dis. = 22.4 km)
COORDINATES
1 90.353 23.875
FLOW DIRECTION
0
DATUM
0.00
PROFILE 21

-400.00	10.00	1.00	<1>
-400.00	2.60	3.33	
-134.00	2.60	3.33	
-106.00	3.75	3.33	
-100.00	3.10	3.33	
-70.00	3.00	3.33	
-38.00	3.50	3.33	
-24.00	2.10	1.00	
-4.00	0.35	1.00	
0.00	-0.50	1.00	<2>
8.00	-0.10	1.00	
22.00	1.00	1.00	
34.00	2.20	1.00	
40.00	3.40	1.00	
84.00	3.80	3.33	
144.00	3.25	3.33	
204.00	3.00	3.33	
234.00	2.60	3.33	
266.00	2.60	3.33	
294.00	3.90	3.33	
324.00	4.50	3.33	
357.00	7.00	3.33	
408.00	8.75	3.33	
408.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1 TV-9
TURAG
17.300 (Acc. dis. = 20.2 km)
COORDINATES
1 90.348 23.857
FLOW DIRECTION
0
DATUM
0.00
PROFILE 14

-1000.00	10.00	1.00	<1>
-1000.00	3.20	3.33	
-326.00	3.20	3.33	
-204.00	3.20	3.33	
-21.00	2.90	3.33	
-16.00	0.65	1.00	
0.00	-0.80	1.00	<2>
22.00	0.80	1.00	
72.00	3.15	1.00	
90.00	5.80	3.33	
116.00	8.20	3.33	
226.00	8.20	3.33	
1000.00	8.20	3.33	
1000.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1 TV-8A
TURAG
18.700 (Acc. dis. = 18.8 km)
COORDINATES
1 90.340 23.816
FLOW DIRECTION
0
DATUM
0.00
PROFILE 18

-1300.00	10.00	1.00	<1>
-1300.00	3.01	3.33	
-45.00	3.00	3.33	
-35.00	1.50	1.00	
-25.00	0.70	1.00	
-15.00	0.40	1.00	
0.00	0.10	1.00	<2>
15.00	0.50	1.00	
45.00	4.00	1.00	
63.00	5.10	3.33	
75.00	7.00	3.33	
98.00	5.00	3.33	
115.00	2.50	3.33	
180.00	2.50	3.33	
242.00	3.50	3.33	
315.00	4.20	3.33	
700.00	5.10	3.33	
700.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

```
1988-B1                         TV-8
TURAG
          20.000               (Acc.dis.= 17.5 km)
COORDINATES
   1          90.342               23.837
FLOW DIRECTION
0
DATUM
      0.00
PROFILE          17
  -1000.00     10.00        1.00         <1>
  -1000.00      2.00        3.33
   -250.00      2.00        3.33
   -190.00      1.90        3.33
   -126.00      2.10        3.33
    -45.00      2.30        3.33
    -33.00      0.80        1.00
    -20.00     -2.90        1.00
    -12.00     -5.10        1.00
      0.00     -7.00        1.00         <2>
     10.00     -5.20        1.00
     25.00      1.00        1.00
     35.00      1.80        1.00
    103.00      2.30        3.33
    150.00      2.30        3.33
   1000.00      2.30        3.33
   1000.00     10.00        3.33         <3>
*******************************
```

n_1=0.030

n_2=0.100

```
1988-B1                         TV-7
TURAG
          22.500               (Acc.dis.= 15.0 km)
COORDINATES
   1          90.310               23.821
FLOW DIRECTION
0
DATUM
      0.00
PROFILE          22
   -500.00     10.00        1.00         <1>
   -500.00      9.30        3.33
   -145.00      9.30        3.33
   -130.00      7.20        3.33
   -119.00      1.20        3.33
   -110.00      4.00        3.33
    -65.00      3.20        3.33
    -50.00      3.00        3.33
    -28.00      2.00        3.33
    -18.00      0.20        1.00
     -9.00     -3.90        1.00
      0.00     -5.70        1.00         <2>
     10.00     -4.00        1.00
     14.00     -3.00        1.00
     22.00      1.10        1.00
     30.00      2.40        1.00
     61.00      1.80        3.33
     95.00      1.50        3.33
    180.00      2.50        3.33
    205.00      2.50        3.33
    800.00      2.50        3.33
    800.00     10.00        3.33         <3>
*******************************
```

n_1=0.030

n_2=0.100

```
1988-B1                         TV-6
TURAG
          25.600               (Acc.dis.= 11.9 km)
COORDINATES
   1          90.343               23.797
FLOW DIRECTION
0
DATUM
      0.00
PROFILE          15
   -500.00     10.00        1.00         <1>
   -500.00      7.01        3.33
   -312.00      7.01        3.33
    -82.00      7.00        3.33
    -62.00      7.00        3.33
    -47.00      1.80        1.00
    -12.00     -1.50        1.00
      0.00     -1.50        1.00         <2>
     15.00     -0.70        1.00
     32.00      1.80        1.00
     76.00      3.10        1.00
     88.00      7.00        1.00
     93.00      7.00        3.33
    700.00      7.00        3.33
    700.00     10.00        3.33         <3>
*******************************
```

n_1=0.030

n_2=0.100

```
1988-B1                         TV-6A
TURAG
          27.300               (Acc.dis.= 10.2 km)
COORDINATES
   1          90.310               23.783
FLOW DIRECTION
0
DATUM
      0.00
PROFILE          5
    -75.00     11.00        1.00         <1>
    -75.00     -2.20        1.00
      0.00     -2.20        1.00
     75.00     -2.20        1.00         <2>
     75.00     11.00        1.00         <3>
*******************************
```

n_1=0.030

1988-B1
TURAG
TV-5
(Acc. dis. = 8.1 km)
29.400
COORDINATES
1 90.316 23.770
FLOW DIRECTION
0
DATUM
0.00
PROFILE 15

-300.00	10.00	1.00	<1>
-300.00	2.11	3.33	
-100.00	2.10	3.33	
-34.00	2.10	3.33	
-23.00	0.90	1.00	
-10.00	-2.70	1.00	
0.00	-3.00	1.00	<2>
17.00	-1.50	1.00	
20.00	0.20	1.00	
33.00	1.20	1.00	
84.00	3.00	1.00	
108.00	4.00	3.33	
115.00	5.00	3.33	
1500.00	5.01	3.33	
1500.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TURAG
TV-4
(Acc. dis. = 5.8 km)
31.700
COORDINATES
1 90.333 23.753
FLOW DIRECTION
0
DATUM
0.00
PROFILE 17

-505.00	10.00	1.00	<1>
-505.00	3.51	3.33	
-185.00	3.50	1.00	
-95.00	3.48	1.00	
-55.00	-1.20	1.00	
-5.00	-2.55	1.00	
0.00	-2.70	1.00	<2>
21.00	-2.30	1.00	
41.00	-0.10	1.00	
57.00	2.50	1.00	
180.00	2.70	3.33	
240.00	3.55	3.33	
280.00	3.60	3.33	
361.00	5.00	3.33	
505.00	5.25	3.33	
1500.00	5.25	3.33	
1500.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TURAG
TV-4A
(Acc. dis. = 5.3 km)
32.200
COORDINATES
1 90.333 23.719
FLOW DIRECTION
0
DATUM
0.00
PROFILE 24

-1520.00	10.00	1.00	<1>
-1520.00	3.10	3.33	
-1390.00	4.00	3.33	
-1370.00	1.00	3.33	
-1360.00	3.80	3.33	
-890.00	2.40	3.33	
-870.00	5.50	3.33	
-745.00	4.60	3.33	
-720.00	2.50	3.33	
-510.00	3.00	3.33	
-220.00	5.50	3.33	
-75.00	4.00	3.33	
-70.00	2.80	1.00	
-60.00	2.00	1.00	
-30.00	0.70	1.00	
0.00	0.40	1.00	<2>
30.00	0.60	1.00	
60.00	1.90	1.00	
255.00	1.70	1.00	
320.00	3.00	1.00	
430.00	3.00	1.00	
430.00	4.20	1.00	
480.00	1.50	3.33	
480.00	10.00	3.33	<3>

****

$n_1 = 0.030$

$n_2 = 0.100$

1988-B1
TURAG
TV-1
(Acc. dis. = 0.0 km)
37.500
COORDINATES
1 90.348 23.712
FLOW DIRECTION
0
DATUM
0.00
PROFILE 19

-1300.00	10.00	1.00	<1>
-1300.00	5.60	3.30	
-500.00	7.00	3.30	
-275.00	5.60	3.30	
-265.00	2.10	3.30	
-165.00	1.90	3.30	
-149.00	0.90	1.00	
-123.00	-3.60	1.00	
-105.00	-3.75	1.00	
-25.00	-3.75	1.00	<2>
0.00	-4.60	1.00	
30.00	-3.00	1.00	
50.00	-1.00	1.00	
70.00	1.90	1.00	
109.00	1.50	3.30	
115.00	4.10	3.30	
175.00	3.75	3.30	
800.00	3.75	3.30	<3>
800.00	10.00	3.30	

****

$n_1 = 0.030$

$n_2 = 0.100$

4) Boundary Condition of Without Project

```
28 ! B.5                EXTRACTION FROM THE DATA BASE
---+---------------------------------------------------------------+
   ! BOUNDARY  No.  1   at:              Boundary    1: WATER LEVEL
   ! River name   : BANSI                type...: 2  2: DISCHARGE
   ! Chainage(km) :       0.000                      3: WIND FIELD
   !                                                 4: RESISTANCE FACTOR
   !                                                 5: GATE LEVEL
   !
   ! Name of      Name of
   ! Data base !  Event        !     Start time    !    Finish time
   +-----------+---------------+-------------------+-------------------+
   ! WL        ! Q-NAYARHAT    ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   +-----------+---------------+-------------------+-------------------+
   !            Right (y/n) :
   !
   +---------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                EXTRACTION FROM THE DATA BASE
---+---------------------------------------------------------------+
   ! BOUNDARY  No.  3   at:              Boundary    1: WATER LEVEL
   ! River name   : BALU                 type...: 2  2: DISCHARGE
   ! Chainage(km) :       0.000                      3: WIND FIELD
   !                                                 4: RESISTANCE FACTOR
   !                                                 5: GATE LEVEL
   !
   ! Name of      Name of
   ! Data base !  Event        !     Start time    !    Finish time
   +-----------+---------------+-------------------+-------------------+
   ! WL        ! Q-B7A0.8      ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   +-----------+---------------+-------------------+-------------------+
   !            Right (y/n) :
   !
   +---------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                EXTRACTION FROM THE DATA BASE
---+---------------------------------------------------------------+
   ! BOUNDARY  No.  2   at:              Boundary    1: WATER LEVEL
   ! River name   : TURAG                type...: 2  2: DISCHARGE
   ! Chainage(km) :       0.000                      3: WIND FIELD
   !                                                 4: RESISTANCE FACTOR
   !                                                 5: GATE LEVEL
   !
   ! Name of      Name of
   ! Data base !  Event        !     Start time    !    Finish time
   +-----------+---------------+-------------------+-------------------+
   ! WL        ! Q-TU12A0.5    ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   +-----------+---------------+-------------------+-------------------+
   !            Right (y/n) :
   !
   +---------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                EXTRACTION FROM THE DATA BASE
---+---------------------------------------------------------------+
   ! BOUNDARY  No.  4   at:              Boundary    1: WATER LEVEL
   ! River name   : LAKHYA               type...: 2  2: DISCHARGE
   ! Chainage(km) :       0.000                      3: WIND FIELD
   !                                                 4: RESISTANCE FACTOR
   !                                                 5: GATE LEVEL
   !
   ! Name of      Name of
   ! Data base !  Event        !     Start time    !    Finish time
   +-----------+---------------+-------------------+-------------------+
   ! WL        ! Q-DEMRA179    ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   +-----------+---------------+-------------------+-------------------+
   !            Right (y/n) :
   !
   +---------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  ! B.5               EXTRACTION FROM THE DATA BASE
--- +----------------------------------------------------------------
    ! BOUNDARY  No.  5   at:                Boundary   1: WATER LEVEL
    ! River name   : DHALESWARI             type...: 1 2: DISCHARGE
    ! Chainage(km) :      60.200                       3: WIND FIELD
    !                                                  4: RESISTANCE FACTOR
    !                                                  5: GATE LEVEL
    !
    !  Name of       Name of
    !  Data base !   Event          !     Start time     !    Finish time
    ! +-----------+-----------------+--------------------+------------------+
    ! ! WL        ! KALAGACHIA      ! 1988  8  1  12  0  ! 1988  9 30  12  0 !
    ! +-----------+-----------------+--------------------+------------------+
    !              Right (y/n) :
    +----------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  ! B.5               EXTRACTION FROM THE DATA BASE
--- +----------------------------------------------------------------
    ! BOUNDARY  No.  7   at:                Boundary   1: WATER LEVEL
    ! River name   : DHALESWARI             type...: 2 2: DISCHARGE
    ! Chainage(km) :      10.600                       3: WIND FIELD
    !                                                  4: RESISTANCE FACTOR
    !       ( Sub-catchment No.2 )                     5: GATE LEVEL
    !
    !  Name of       Name of
    !  Data base !   Event          !     Start time     !    Finish time
    ! +-----------+-----------------+--------------------+------------------+
    ! ! RAIN      ! D-2             ! 1988  8  1  12  0  ! 1988  9 30  12  0 !
    ! +-----------+-----------------+--------------------+------------------+
    !              Right (y/n) :
    +----------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  ! B.5               EXTRACTION FROM THE DATA BASE
--- +----------------------------------------------------------------
    ! BOUNDARY  No.  6   at:                Boundary   1: WATER LEVEL
    ! River name   : BANSI                  type...: 2 2: DISCHARGE
    ! Chainage(km) :      2.000                        3: WIND FIELD
    !                                                  4: RESISTANCE FACTOR
    !    (Sub-catchment No.1 )                         5: GATE LEVEL
    !
    !  Name of       Name of
    !  Data base !   Event          !     Start time     !    Finish time
    ! +-----------+-----------------+--------------------+------------------+
    ! ! RAIN      ! D-1             ! 1988  8  1  12  0  ! 1988  9 30  12  0 !
    ! +-----------+-----------------+--------------------+------------------+
    !              Right (y/n) :
    +----------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  ! B.5               EXTRACTION FROM THE DATA BASE
--- +----------------------------------------------------------------
    ! BOUNDARY  No.  8   at:                Boundary   1: WATER LEVEL
    ! River name   : DHALESWARI             type...: 2 2: DISCHARGE
    ! Chainage(km) :      42.200                       3: WIND FIELD
    !                                                  4: RESISTANCE FACTOR
    !       ( Sub-catchment No.3 )                     5: GATE LEVEL
    !
    !  Name of       Name of
    !  Data base !   Event          !     Start time     !    Finish time
    ! +-----------+-----------------+--------------------+------------------+
    ! ! RAIN      ! D-3             ! 1988  8  1  12  0  ! 1988  9 30  12  0 !
    ! +-----------+-----------------+--------------------+------------------+
    !              Right (y/n) :
    +----------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5                 EXTRACTION FROM THE DATA BASE
---
  : BOUNDARY  No.  9   at:                    Boundary      1: WATER LEVEL
  : River name    : TURAG                     type...: 2    2: DISCHARGE
  : Chainage(km) :       5.000                              3: WIND FIELD
  :                                                         4: RESISTANCE FACTOR
  :         (Sub-catchment No.4)                            5: GATE LEVEL
  :
  :  Name of      Name of
  :  Data base !  Event           !      Start time     !      Finish time
  :  ! RAIN      ! BU-1           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
  :               Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5                 EXTRACTION FROM THE DATA BASE
---
  : BOUNDARY  No. 10   at:                    Boundary      1: WATER LEVEL
  : River name    : TURAG                     type...: 2    2: DISCHARGE
  : Chainage(km) :      15.100                              3: WIND FIELD
  :                                                         4: RESISTANCE FACTOR
  :         (Sub-catchment No.5)                            5: GATE LEVEL
  :
  :  Name of      Name of
  :  Data base !  Event           !      Start time     !      Finish time
  :  ! RAIN      ! BU-2           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
  :               Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5                 EXTRACTION FROM THE DATA BASE
---
  : BOUNDARY  No. 11   at:                    Boundary      1: WATER LEVEL
  : River name    : TURAG                     type...: 2    2: DISCHARGE
  : Chainage(km) :      22.500                              3: WIND FIELD
  :                                                         4: RESISTANCE FACTOR
  :         (Sub-catchment No.6)                            5: GATE LEVEL
  :
  :  Name of      Name of
  :  Data base !  Event           !      Start time     !      Finish time
  :  ! RAIN      ! BU-3           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
  :               Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5                 EXTRACTION FROM THE DATA BASE
---
  : BOUNDARY  No. 12   at:                    Boundary      1: WATER LEVEL
  : River name    : TURAG                     type...: 2    2: DISCHARGE
  : Chainage(km) :      25.600                              3: WIND FIELD
  :                                                         4: RESISTANCE FACTOR
  :         (Sub-catchment No.7)                            5: GATE LEVEL
  :
  :  Name of      Name of
  :  Data base !  Event           !      Start time     !      Finish time
  :  ! RAIN      ! BU-4           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
  :               Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5               EXTRACTION FROM THE DATA BASE
 BOUNDARY  No. 13    at:                 Boundary    1: WATER LEVEL
 River name    : TURAG                   type...: 2  2: DISCHARGE
 Chainage(km) :      29.100                          3: WIND FIELD
                                                     4: RESISTANCE FACTOR
        (Sub-catchment No.8)                         5: GATE LEVEL

 Name of      Name of
 Data base !  Event          !     Start time     !     Finish time
 ! RAIN      ! BU-5          ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
              Right (y/n) :
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5               EXTRACTION FROM THE DATA BASE
 BOUNDARY  No. 15    at:                 Boundary    1: WATER LEVEL
 River name    : BURIGANGA               type...: 2  2: DISCHARGE
 Chainage(km) :       4.800                          3: WIND FIELD
                                                     4: RESISTANCE FACTOR
        (Sub-catchment No.10)                        5: GATE LEVEL

 Name of      Name of
 Data base !  Event          !     Start time     !     Finish time
 ! RAIN      ! BU-7          ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
              Right (y/n) :
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5               EXTRACTION FROM THE DATA BASE
 BOUNDARY  No. 14    at:                 Boundary    1: WATER LEVEL
 River name    : BURIGANGA               type...: 2  2: DISCHARGE
 Chainage(km) :       1.300                          3: WIND FIELD
                                                     4: RESISTANCE FACTOR
        (Sub-catchment No.9)                         5: GATE LEVEL

 Name of      Name of
 Data base !  Event          !     Start time     !     Finish time
 ! RAIN      ! BU-6          ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
              Right (y/n) :
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5               EXTRACTION FROM THE DATA BASE
 BOUNDARY  No. 16    at:                 Boundary    1: WATER LEVEL
 River name    : BURIGANGA               type...: 2  2: DISCHARGE
 Chainage(km) :       7.000                          3: WIND FIELD
                                                     4: RESISTANCE FACTOR
        (Sub-catchment No.11)                        5: GATE LEVEL

 Name of      Name of
 Data base !  Event          !     Start time     !     Finish time
 ! RAIN      ! BU-8          ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
              Right (y/n) :
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                  EXTRACTION FROM THE DATA BASE                    !
---+-------------------------------------------------------------------------+
   ! BOUNDARY  No. 17   at:                Boundary    1: WATER LEVEL        !
   ! River name    : TONGI                 type...: 2  2: DISCHARGE          !
   ! Chainage(km) :        8.300                       3: WIND FIELD         !
   !      (Sub-catchment No. 12)                       4: RESISTANCE FACTOR  !
   !                                                   5: GATE LEVEL         !
   !  Name of     Name of                                                    !
   !  Data base !  Event        !     Start time     !    Finish time        !
   ! +----------+---------------+--------------------+-------------------+   !
   ! ! RAIN     ! T-1           ! 1988  8  1  12  0  ! 1988  9 30  12  0 !   !
   ! +----------+---------------+--------------------+-------------------+   !
   !              Right (y/n) :                                              !
   +-------------------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                  EXTRACTION FROM THE DATA BASE                    !
---+-------------------------------------------------------------------------+
   ! BOUNDARY  No. 19   at:                Boundary    1: WATER LEVEL        !
   ! River name    : TONGI                 type...: 2  2: DISCHARGE          !
   ! Chainage(km) :      11.400                        3: WIND FIELD         !
   !      (Sub-catchment No. 14)                       4: RESISTANCE FACTOR  !
   !                                                   5: GATE LEVEL         !
   !  Name of     Name of                                                    !
   !  Data base !  Event        !     Start time     !    Finish time        !
   ! +----------+---------------+--------------------+-------------------+   !
   ! ! RAIN     ! T-3           ! 1988  8  1  12  0  ! 1988  9 30  12  0 !   !
   ! +----------+---------------+--------------------+-------------------+   !
   !              Right (y/n) :                                              !
   +-------------------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                  EXTRACTION FROM THE DATA BASE                    !
---+-------------------------------------------------------------------------+
   ! BOUNDARY  No. 18   at:                Boundary    1: WATER LEVEL        !
   ! River name    : TONGI                 type...: 2  2: DISCHARGE          !
   ! Chainage(km) :       12.200                       3: WIND FIELD         !
   !      (Sub-catchment No. 13)                       4: RESISTANCE FACTOR  !
   !                                                   5: GATE LEVEL         !
   !  Name of     Name of                                                    !
   !  Data base !  Event        !     Start time     !    Finish time        !
   ! +----------+---------------+--------------------+-------------------+   !
   ! ! RAIN     ! T-2           ! 1988  8  1  12  0  ! 1988  9 30  12  0 !   !
   ! +----------+---------------+--------------------+-------------------+   !
   !              Right (y/n) :                                              !
   +-------------------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 ! B.5                  EXTRACTION FROM THE DATA BASE                    !
---+-------------------------------------------------------------------------+
   ! BOUNDARY  No. 20   at:                Boundary    1: WATER LEVEL        !
   ! River name    : BALU                  type...: 2  2: DISCHARGE          !
   ! Chainage(km) :        7.100                       3: WIND FIELD         !
   !      (Sub-catchment No. 15)                       4: RESISTANCE FACTOR  !
   !                                                   5: GATE LEVEL         !
   !  Name of     Name of                                                    !
   !  Data base !  Event        !     Start time     !    Finish time        !
   ! +----------+---------------+--------------------+-------------------+   !
   ! ! RAIN     ! BA-1          ! 1988  8  1  12  0  ! 1988  9 30  12  0 !   !
   ! +----------+---------------+--------------------+-------------------+   !
   !              Right (y/n) :                                              !
   +-------------------------------------------------------------------------+
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5              EXTRACTION FROM THE DATA BASE
--- +-------------------------------------------------------------
    : BOUNDARY  No. 21   at:              Boundary    1: WATER LEVEL
    : River name    : BALU                type...: 2  2: DISCHARGE
    : Chainage(km) :       11.900                      3: WIND FIELD
                                                       4: RESISTANCE FACTOR
         (Sub-catchment No. 16)                        5: GATE LEVEL

      Name of      Name of
      Data base !  Event         !    Start time     !    Finish time
    +-----------+----------------+-------------------+-------------------+
    ! RAIN      ! BA-2           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
    +-----------+----------------+-------------------+-------------------+
              Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5              EXTRACTION FROM THE DATA BASE
--- +-------------------------------------------------------------
    : BOUNDARY  No. 22   at:              Boundary    1: WATER LEVEL
    : River name    : BALU                type...: 2  2: DISCHARGE
    : Chainage(km) :       15.500                      3: WIND FIELD
                                                       4: RESISTANCE FACTOR
         (Sub-catchment No. 17)                        5: GATE LEVEL

      Name of      Name of
      Data base !  Event         !    Start time     !    Finish time
    +-----------+----------------+-------------------+-------------------+
    ! RAIN      ! BA-3           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
    +-----------+----------------+-------------------+-------------------+
              Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28  : B.5              EXTRACTION FROM THE DATA BASE
--- +-------------------------------------------------------------
    : BOUNDARY  No. 23   at:              Boundary    1: WATER LEVEL
    : River name    : BALU                type...: 2  2: DISCHARGE
    : Chainage(km) :       17.700                      3: WIND FIELD
                                                       4: RESISTANCE FACTOR
         (Sub-catchment No. 18)                        5: GATE LEVEL

      Name of      Name of
      Data base !  Event         !    Start time     !    Finish time
    +-----------+----------------+-------------------+-------------------+
    ! RAIN      ! BA-4           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
    +-----------+----------------+-------------------+-------------------+
              Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

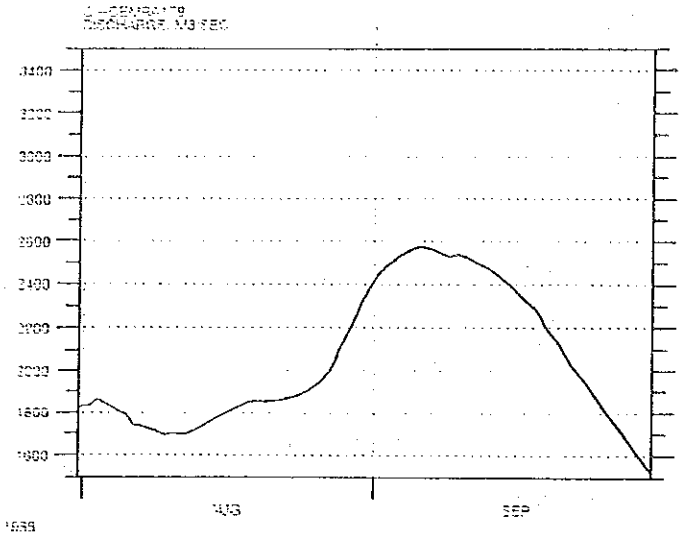
```
28  : B.5              EXTRACTION FROM THE DATA BASE
--- +-------------------------------------------------------------
    : BOUNDARY  No. 24   at:              Boundary    1: WATER LEVEL
    : River name    : BALU                type...: 2  2: DISCHARGE
    : Chainage(km) :       23.500                      3: WIND FIELD
                                                       4: RESISTANCE FACTOR
         (Sub-catchment No. 19)                        5: GATE LEVEL

      Name of      Name of
      Data base !  Event         !    Start time     !    Finish time
    +-----------+----------------+-------------------+-------------------+
    ! RAIN      ! BA-5           ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
    +-----------+----------------+-------------------+-------------------+
              Right (y/n) :

Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 : B.5                 EXTRACTION FROM THE DATA BASE
---+------------------------------------------------------------------
   : BOUNDARY  No. 25   at:                  Boundary    1: WATER LEVEL
   : River name  : LAKHYA                    type...: 2  2: DISCHARGE
   : Chainage(km) :      7.900                           3: WIND FIELD
   :                                                     4: RESISTANCE FACTOR
   :      (Sub-catchment No. 20)                         5: GATE LEVEL
   :
   :  Name of     Name of
   :  Data base !  Event          !    Start time     !    Finish time
   :+-----------+-----------------+-------------------+-------------------+
   :! RAIN      ! L-1             ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   :+-----------+-----------------+-------------------+-------------------+
   :            Right (y/n) :
   +------------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 : B.5                 EXTRACTION FROM THE DATA BASE
---+------------------------------------------------------------------
   : BOUNDARY  No. 27   at:                  Boundary    1: WATER LEVEL
   : River name  : LAKHYA                    type...: 2  2: DISCHARGE
   : Chainage(km) :     13.200                           3: WIND FIELD
   :                                                     4: RESISTANCE FACTOR
   :      (Sub-catchment No. 22)                         5: GATE LEVEL
   :
   :  Name of     Name of
   :  Data base !  Event          !    Start time     !    Finish time
   :+-----------+-----------------+-------------------+-------------------+
   :! RAIN      ! L-3             ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   :+-----------+-----------------+-------------------+-------------------+
   :            Right (y/n) :
   +------------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 : B.5                 EXTRACTION FROM THE DATA BASE
---+------------------------------------------------------------------
   : BOUNDARY  No. 26   at:                  Boundary    1: WATER LEVEL
   : River name  : LAKHYA                    type...: 2  2: DISCHARGE
   : Chainage(km) :     13.100                           3: WIND FIELD
   :                                                     4: RESISTANCE FACTOR
   :      (Sub-catchment No. 21)                         5: GATE LEVEL
   :
   :  Name of     Name of
   :  Data base !  Event          !    Start time     !    Finish time
   :+-----------+-----------------+-------------------+-------------------+
   :! RAIN      ! L-2             ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   :+-----------+-----------------+-------------------+-------------------+
   :            Right (y/n) :
   +------------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```

```
28 : B.5                 EXTRACTION FROM THE DATA BASE
---+------------------------------------------------------------------
   : BOUNDARY  No. 28   at:                  Boundary    1: WATER LEVEL
   : River name  : DHALESWARI                type...: 2  2: DISCHARGE
   : Chainage(km) :     18.200                           3: WIND FIELD
   :                                                     4: RESISTANCE FACTOR
   :                                                     5: GATE LEVEL
   :
   :  Name of     Name of
   :  Data base !  Event          !    Start time     !    Finish time
   :+-----------+-----------------+-------------------+-------------------+
   :! WL        ! Q-KALIGAN2.1    ! 1988  8  1  12  0 ! 1988  9 30  12  0 !
   :+-----------+-----------------+-------------------+-------------------+
   :            Right (y/n) :
   +------------------------------------------------------------------
Enter: (E/I/D/ESC) Edit Insert Delete <esc>=retur
```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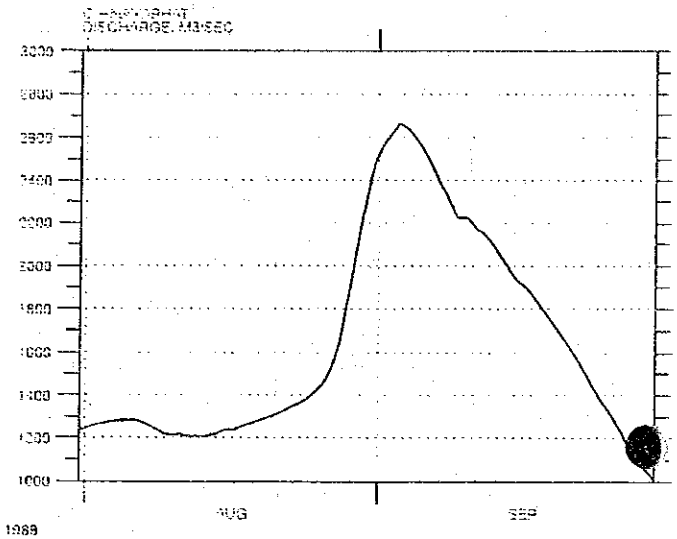
AUG
SEP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AUG
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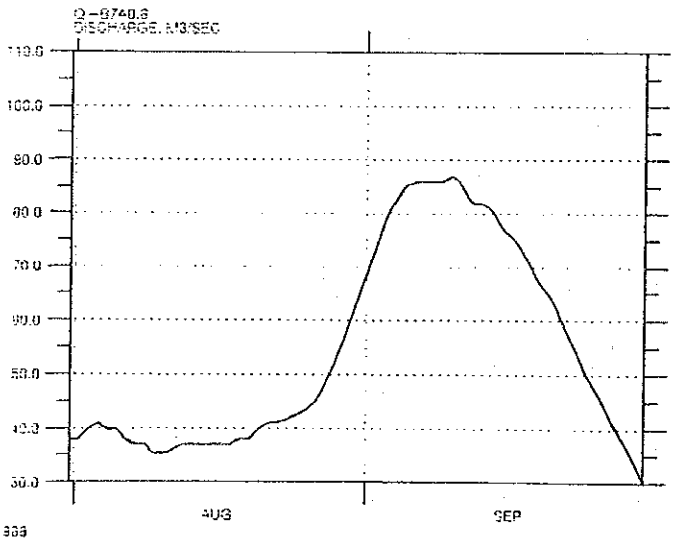
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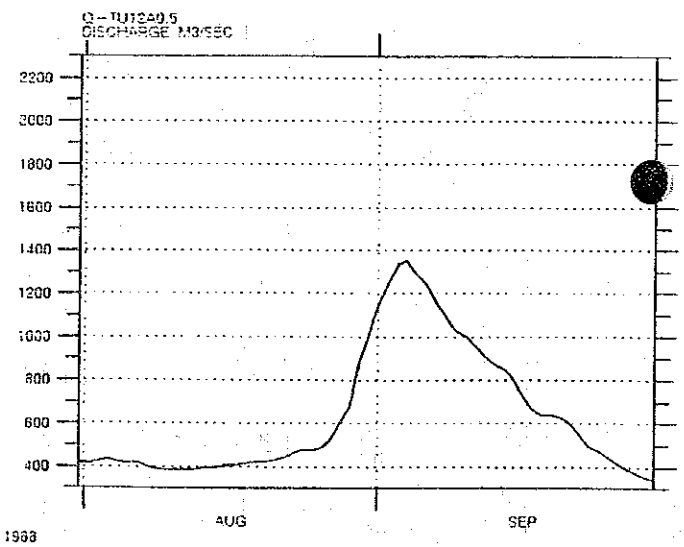
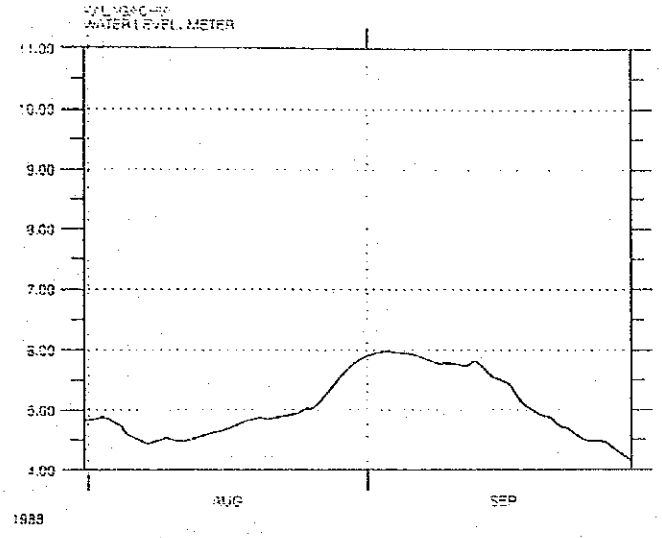
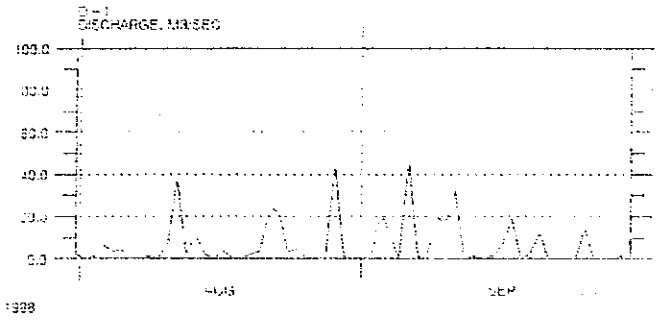
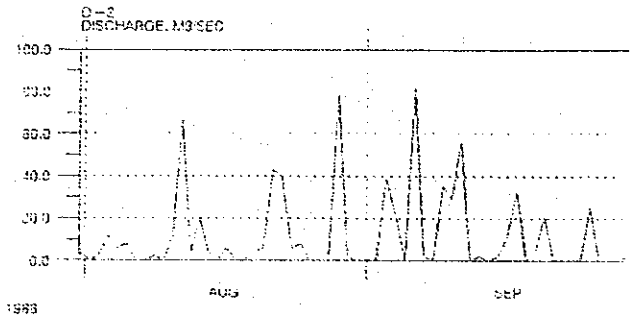
AUG
SEP


DISCHARGE, M3/SEC
AUG
SEP

MIKE 11


WATER LEVEL METER
11.00
10.00
9.00
8.00
7.00
6.00
5.00
4.00
AUG
SEP
1988


D-1
DISCHARGE, M3/SEC
100.0
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988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DISCHARGE, M3/SEC
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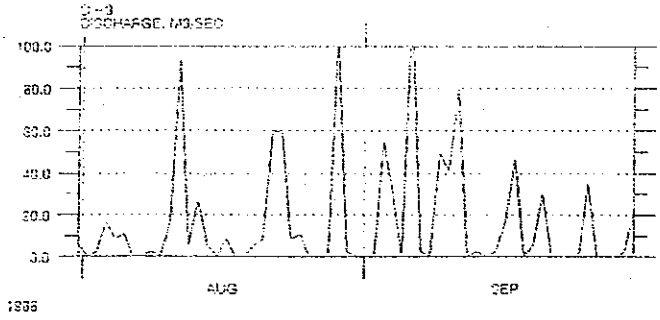
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988


D-3
DISCHARGE, M3/SEC
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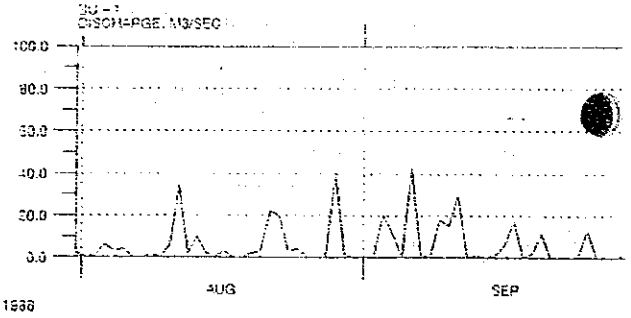
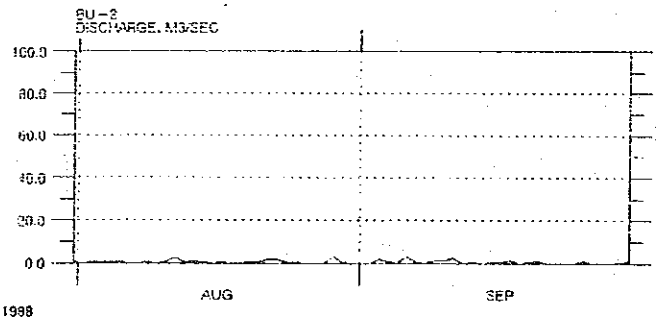
60.0
40.0
20.0
0.0
AUG
SEP
1988


BU-1
DISCHARGE, M3/SEC
100.0
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988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DISCHARGE, M3/SEC
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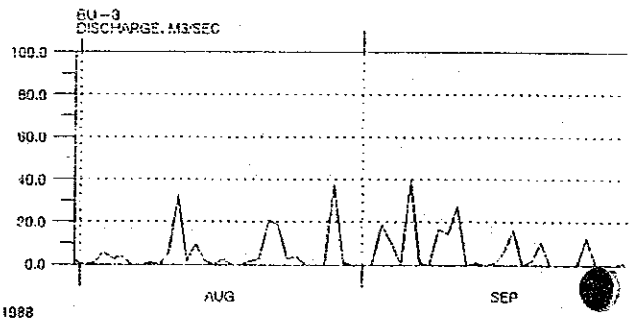
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988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DISCHARGE, M3/SEC
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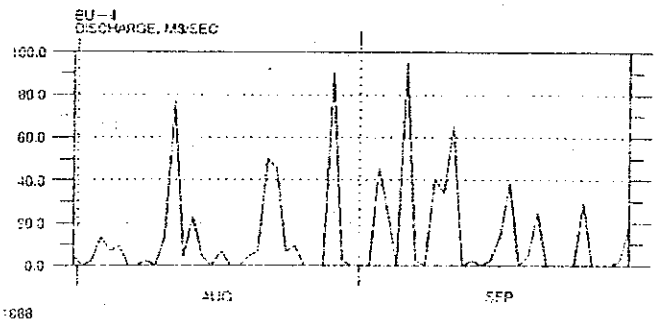
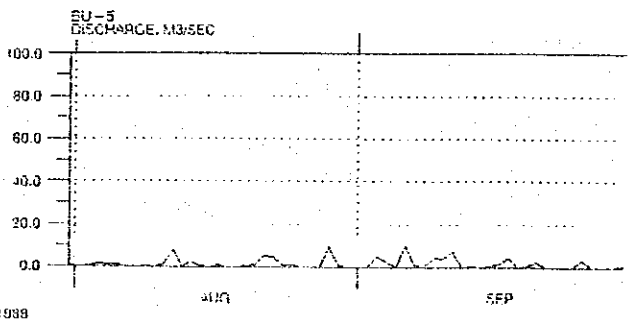
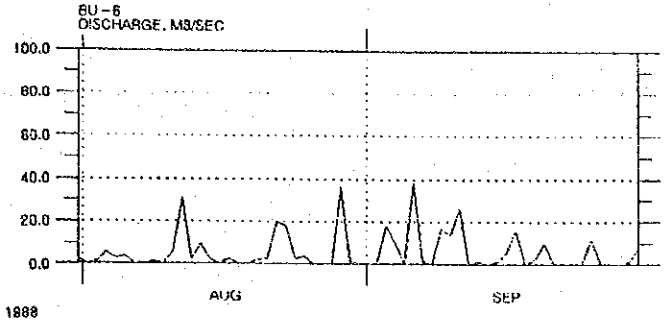
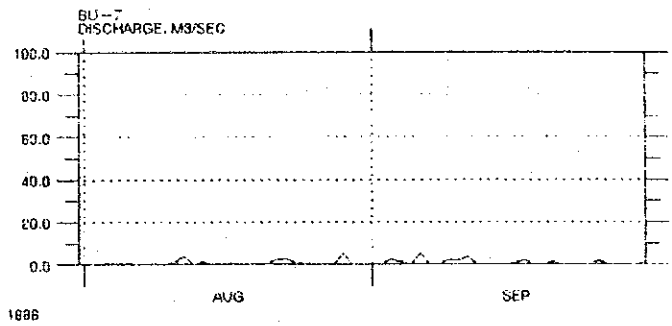
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988

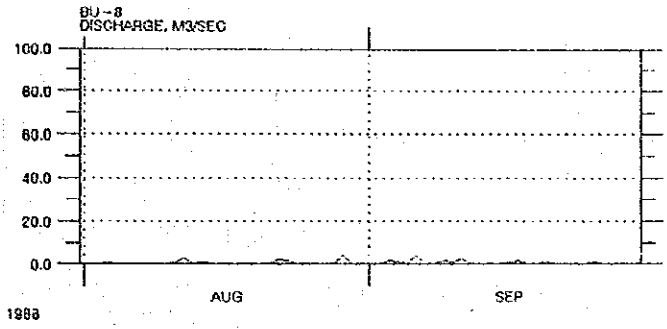

BU-4
DISCHARGE, M3/SEC
100.0
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988

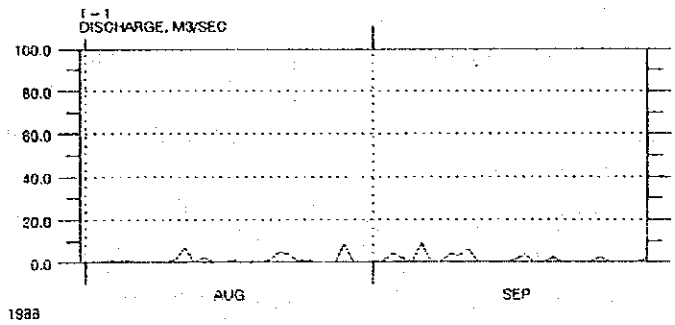

BU-5
DISCHARGE, M3/SEC
100.0
80.0
60.0
40.0
20.0
0.0
AUG
SEP
1988

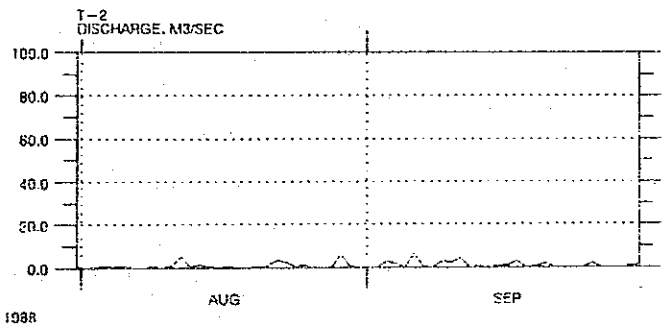
MIKE 11

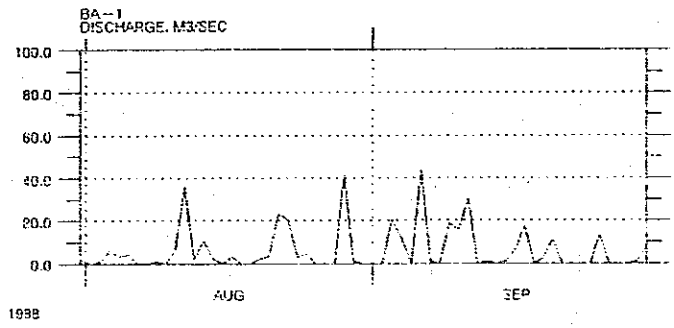


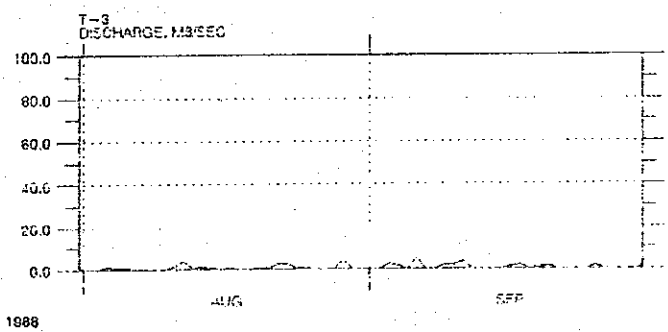


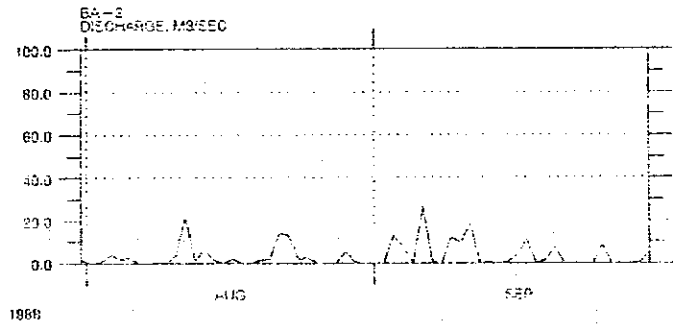






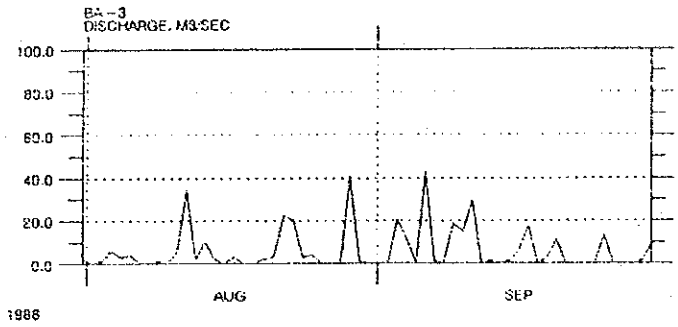


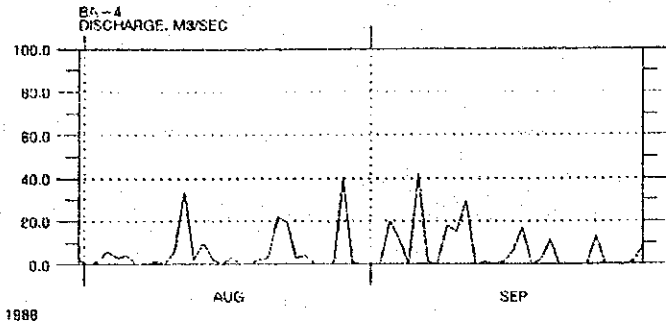


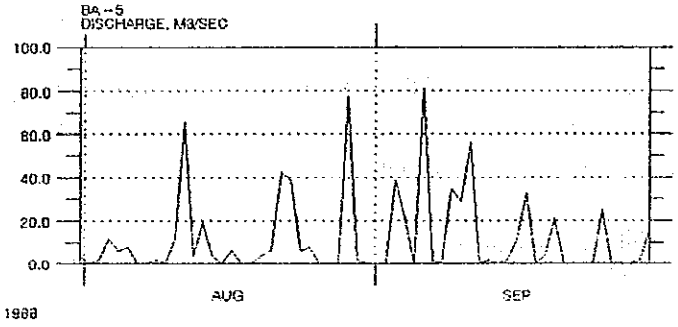


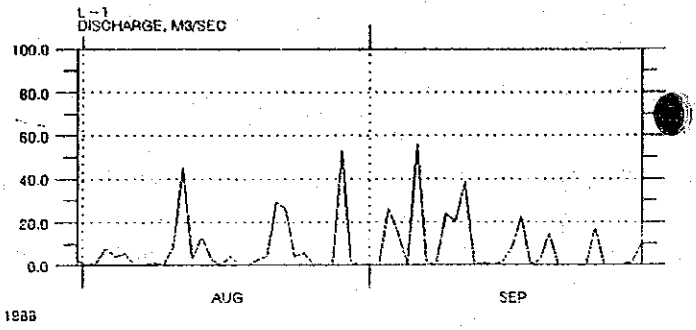
MIKE 11

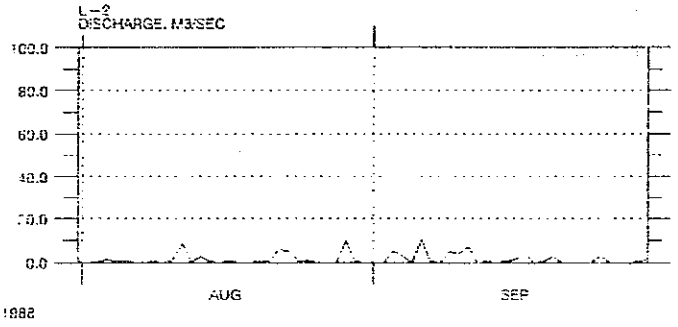
Dwg no

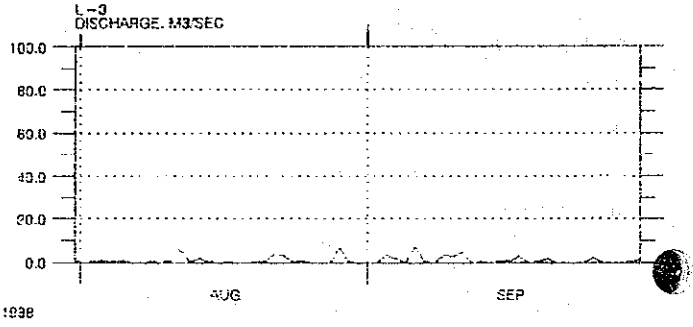












MIKE 11

D-vg no.:

Q - NAYARHAT

DATA BASE : WL	IDENTIFICATION: Q-NAYARHAT
EDITED : 13-MAY-1991, 15:34	

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	1242
8- 2	
12: 0	1250
8- 3	
12: 0	1263
8- 4	
12: 0	1275
8- 5	
12: 0	1275
8- 6	
12: 0	1280
8- 7	
12: 0	1275
8- 8	
12: 0	1255
8- 9	
12: 0	1230
8-10	
12: 0	1213
8-11	
12: 0	1218
8-12	
12: 0	1209
8-13	
12: 0	1213
8-14	
12: 0	1213
8-15	
12: 0	1222
8-16	
12: 0	1238
8-17	
12: 0	1238
8-18	
12: 0	1259
8-19	
12: 0	1275
8-20	
12: 0	1288
8-21	
12: 0	1309
8-22	
12: 0	1325
8-23	
12: 0	1351
8-24	
12: 0	1372
8-25	
12: 0	1405
8-26	
12: 0	1452
8-27	
12: 0	1512
8-28	
12: 0	1655
8-29	
12: 0	1899
8-30	
12: 0	2135
8-31	
12: 0	2349
9- 1	
12: 0	2509
9- 2	
12: 0	2614
9- 3	
12: 0	2657
9- 4	
12: 0	2629
9- 5	
12: 0	2585
9- 6	
12: 0	2514
9- 7	
12: 0	2419
9- 8	
12: 0	2316
9- 9	
12: 0	2223
9-10	
12: 0	2223
9-11	
12: 0	2172
9-12	
12: 0	2140
9-13	
12: 0	2094
9-14	
12: 0	2016
9-15	
12: 0	1944
9-16	
12: 0	1908
9-17	
12: 0	1850
9-18	
12: 0	1796
9-19	
12: 0	1739
9-20	
12: 0	1677
9-21	
12: 0	1616
9-22	
12: 0	1546
9-23	
12: 0	1473
9-24	
12: 0	1401

DATA BASE EDITED	WL : 13-MAY-1991, 15:34	IDENTIFICATION: Q-NAYARHAT
HOURS:MIN	DISCHARGE, M3/SEC	
9-25		
12: 0	1330	
9-26		
12: 0	1259	
9-27		
12: 0	1193	
9-28		
12: 0	1130	
9-29		
12: 0	1059	
9-30		
12: 0	1003	

DATA BASE EDITED	WL : 7-JUN-1991, 09:51	IDENTIFICATION: Q-TU12A0.5
HOURS:MIN	DISCHARGE, M3/SEC	
1988		
8- 1		
12: 0	415.0	
8- 2		
12: 0	415.0	
8- 3		
12: 0	420.0	
8- 4		
12: 0	430.0	
8- 5		
12: 0	420.0	
8- 6		
12: 0	415.0	
8- 7		
12: 0	415.0	
8- 8		
12: 0	400.0	
8- 9		
12: 0	390.0	
8-10		
12: 0	385.0	
8-11		
12: 0	390.0	
8-12		
12: 0	390.0	
8-13		
12: 0	390.0	
8-14		
12: 0	395.0	
8-15		
12: 0	400.0	
8-16		
12: 0	410.0	
8-17		
12: 0	410.0	
8-18		
12: 0	415.0	
8-19		
12: 0	420.0	
8-20		
12: 0	425.0	
8-21		
12: 0	425.0	
8-22		
12: 0	440.0	
8-23		
12: 0	455.0	
8-24		
12: 0	480.0	
8-25		
12: 0	480.0	
8-26		
12: 0	485.0	
8-27		
12: 0	515.0	

Q-TU12A0.5

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	595.0
8-29	
12: 0	670.0
8-30	
12: 0	860.0
8-31	
12: 0	1010
9- 1	
12: 0	1140
9- 2	
12: 0	1240
9- 3	
12: 0	1340
9- 4	
12: 0	1350
9- 5	
12: 0	1290
9- 6	
12: 0	1240
9- 7	
12: 0	1150
9- 8	
12: 0	1090
9- 9	
12: 0	1020
9-10	
12: 0	1005
9-11	
12: 0	950.0
9-12	
12: 0	910.0
9-13	
12: 0	865.0
9-14	
12: 0	855.0
9-15	
12: 0	800.0
9-16	
12: 0	730.0
9-17	
12: 0	665.0
9-18	
12: 0	640.0
9-19	
12: 0	640.0
9-20	
12: 0	625.0
9-21	
12: 0	595.0
9-22	
12: 0	550.0
9-23	
12: 0	490.0
9-24	
12: 0	480.0

DATA BASE : WL IDENTIFICATION: Q-TU12A0.5
EDITED : 7-JUN-1991, 09:51

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	440.0
9-26	
12: 0	415.0
9-27	
12: 0	390.0
9-28	
12: 0	375.0
9-29	
12: 0	355.0
9-30	
12: 0	340.0

Q-B7A0.8

DATA BASE : WL	IDENTIFICATION: Q-B7A0.8
EDITED : 1-JUN-1991, 12:14	

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	38.00
8- 2	
12: 0	38.00
8- 3	
12: 0	40.00
8- 4	
12: 0	41.00
8- 5	
12: 0	40.00
8- 6	
12: 0	40.00
8- 7	
12: 0	38.00
8- 8	
12: 0	37.00
8- 9	
12: 0	37.00
8-10	
12: 0	35.00
8-11	
12: 0	35.00
8-12	
12: 0	36.00
8-13	
12: 0	37.00
8-14	
12: 0	37.00
8-15	
12: 0	37.00
8-16	
12: 0	37.00
8-17	
12: 0	37.00
8-18	
12: 0	37.00
8-19	
12: 0	38.00
8-20	
12: 0	38.00
8-21	
12: 0	40.00
8-22	
12: 0	41.00
8-23	
12: 0	41.00
8-24	
12: 0	42.00
8-25	
12: 0	43.00
8-26	
12: 0	44.00
8-27	
12: 0	46.00
8-28	
12: 0	50.00
8-29	
12: 0	54.00
8-30	
12: 0	59.00
8-31	
12: 0	64.00
9- 1	
12: 0	69.00
9- 2	
12: 0	74.00
9- 3	
12: 0	79.00
9- 4	
12: 0	82.00
9- 5	
12: 0	85.00
9- 6	
12: 0	86.00
9- 7	
12: 0	86.00
9- 8	
12: 0	86.00
9- 9	
12: 0	86.00
9-10	
12: 0	87.00
9-11	
12: 0	85.00
9-12	
12: 0	82.00
9-13	
12: 0	82.00
9-14	
12: 0	81.00
9-15	
12: 0	78.00
9-16	
12: 0	76.00
9-17	
12: 0	74.00
9-18	
12: 0	71.00
9-19	
12: 0	67.00
9-20	
12: 0	65.00
9-21	
12: 0	62.00
9-22	
12: 0	58.00
9-23	
12: 0	54.00
9-24	
12: 0	50.00

DATA BASE EDITED	: WL : 1-JUN-1991, 12:14	IDENTIFICATION:	Q-B7A0.8
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	47.00		
9-26			
12: 0	44.00		
9-27			
12: 0	40.00		
9-28			
12: 0	37.00		
9-29			
12: 0	34.00		
9-30			
12: 0	30.00		

DATA BASE EDITED	: WL : 13-MAY-1991, 15:29	IDENTIFICATION:	Q-DEMRA179
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	1830		
8- 2			
12: 0	1835		
8- 3			
12: 0	1862		
8- 4			
12: 0	1840		
8- 5			
12: 0	1814		
8- 6			
12: 0	1782		
8- 7			
12: 0	1735		
8- 8			
12: 0	1729		
8- 9			
12: 0	1724		
8-10			
12: 0	1698		
8-11			
12: 0	1703		
8-12			
12: 0	1698		
8-13			
12: 0	1714		
8-14			
12: 0	1735		
8-15			
12: 0	1766		
8-16			
12: 0	1787		
8-17			
12: 0	1808		
8-18			
12: 0	1835		
8-19			
12: 0	1851		
8-20			
12: 0	1856		
8-21			
12: 0	1856		
8-22			
12: 0	1862		
8-23			
12: 0	1878		
8-24			
12: 0	1888		
8-25			
12: 0	1904		
8-26			
12: 0	1947		
8-27			

Q-DEMRA179

12: 0	1996
8-28	
12: 0	2078
8-29	
12: 0	2177
8-30	
12: 0	2272
8-31	
12: 0	2357
9- 1	
12: 0	2430
9- 2	
12: 0	2482
9- 3	
12: 0	2522
9- 4	
12: 0	2551
9- 5	
12: 0	2569
9- 6	
12: 0	2574
9- 7	
12: 0	2563
9- 8	
12: 0	2540
9- 9	
12: 0	2534
9-10	
12: 0	2540
9-11	
12: 0	2517
9-12	
12: 0	2494
9-13	
12: 0	2471
9-14	
12: 0	2442
9-15	
12: 0	2402
9-16	
12: 0	2362
9-17	
12: 0	2323
9-18	
12: 0	2289
9-19	
12: 0	2199
9-20	
12: 0	2150
9-21	
12: 0	2083
9-22	
12: 0	2012
9-23	
12: 0	1958
9-24	
12: 0	1883

DATA BASE	WL	IDENTIFICATION:	Q-DEMRA179
EDITED	: 13-MAY-1991, 15:29		

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	1819
9-26	
12: 0	1706
9-27	
12: 0	1698
9-28	
12: 0	1636
9-29	
12: 0	1579
9-30	
12: 0	1523

KALAGACHIA

DATA BASE EDITED	: WL : 13-MAY-1991, 11:29	IDENTIFICATION: KALAGACHIA
HOURS:MIN	WATER LEVEL, METER	
1988		
8- 1		
12: 0	4.82	
8- 2		
12: 0	4.85	
8- 3		
12: 0	4.87	
8- 4		
12: 0	4.83	
8- 5		
12: 0	4.75	
8- 6		
12: 0	4.56	
8- 7		
12: 0	4.50	
8- 8		
12: 0	4.44	
8- 9		
12: 0	4.47	
8-10		
12: 0	4.54	
8-11		
12: 0	4.48	
8-12		
12: 0	4.49	
8-13		
12: 0	4.53	
8-14		
12: 0	4.57	
8-15		
12: 0	4.63	
8-16		
12: 0	4.66	
8-17		
12: 0	4.71	
8-18		
12: 0	4.80	
8-19		
12: 0	4.83	
8-20		
12: 0	4.87	
8-21		
12: 0	4.85	
8-22		
12: 0	4.88	
8-23		
12: 0	4.89	
8-24		
12: 0	4.93	
8-25		
12: 0	5.00	
8-26		
12: 0	5.03	
8-27		
12: 0	5.20	
8-28		
12: 0	5.40	
8-29		
12: 0	5.57	
8-30		
12: 0	5.72	
8-31		
12: 0	5.84	
9- 1		
12: 0	5.91	
9- 2		
12: 0	5.95	
9- 3		
12: 0	5.97	
9- 4		
12: 0	5.95	
9- 5		
12: 0	5.94	
9- 6		
12: 0	5.92	
9- 7		
12: 0	5.87	
9- 8		
12: 0	5.83	
9- 9		
12: 0	5.78	
9-10		
12: 0	5.80	
9-11		
12: 0	5.76	
9-12		
12: 0	5.74	
9-13		
12: 0	5.82	
9-14		
12: 0	5.67	
9-15		
12: 0	5.56	
9-16		
12: 0	5.51	
9-17		
12: 0	5.39	
9-18		
12: 0	5.09	
9-19		
12: 0	5.00	
9-20		
12: 0	4.91	
9-21		
12: 0	4.89	
9-22		
12: 0	4.75	
9-23		
12: 0	4.69	
9-24		
12: 0	4.58	

DATA BASE : WL	IDENTIFICATION: KALAGACHIA
EDITED : 13-MAY-1991, 11:29	

HOURS:MIN	WATER LEVEL, METER
9-25	
12: 0	4.49
9-26	
12: 0	4.47
9-27	
12: 0	4.46
9-28	
12: 0	4.36
9-29	
12: 0	4.25
9-30	
12: 0	4.14

DATA BASE : WL	IDENTIFICATION: Q-KALIGAN2.1
EDITED : 6-JUN-1991, 16:52	

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	4219
8- 2	
12: 0	4295
8- 3	
12: 0	4387
8- 4	
12: 0	4353
8- 5	
12: 0	4290
8- 6	
12: 0	4263
8- 7	
12: 0	4227
8- 8	
12: 0	4143
8- 9	
12: 0	4085
8-10	
12: 0	4082
8-11	
12: 0	4055
8-12	
12: 0	4045
8-13	
12: 0	4040
8-14	
12: 0	4061
8-15	
12: 0	4114
8-16	
12: 0	4160
8-17	
12: 0	4202
8-18	
12: 0	4286
8-19	
12: 0	4374
8-20	
12: 0	4486
8-21	
12: 0	4570
8-22	
12: 0	4616
8-23	
12: 0	4631
8-24	
12: 0	4754
8-25	
12: 0	4826
8-26	
12: 0	5027
8-27	
12: 0	5342

Q - KALIGAN 2.1

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	6075
8-29	
12: 0	6639
8-30	
12: 0	7461
8-31	
12: 0	8455
9- 1	
12: 0	11542
9- 2	
12: 0	13278
9- 3	
12: 0	13885
9- 4	
12: 0	13915
9- 5	
12: 0	13037
9- 6	
12: 0	12627
9- 7	
12: 0	11951
9- 8	
12: 0	11323
9- 9	
12: 0	10687
9-10	
12: 0	10582
9-11	
12: 0	10004
9-12	
12: 0	9471
9-13	
12: 0	9141
9-14	
12: 0	8908
9-15	
12: 0	8459
9-16	
12: 0	8077
9-17	
12: 0	7781
9-18	
12: 0	7501
9-19	
12: 0	6995
9-20	
12: 0	6703
9-21	
12: 0	6178
9-22	
12: 0	5727
9-23	
12: 0	5426
9-24	
12: 0	5187

DATA BASE : WL IDENTIFICATION: Q-KALIGAN2.1
EDITED : 6-JUN-1991, 16:52

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	4904
9-26	
12: 0	4727
9-27	
12: 0	4523
9-28	
12: 0	4431
9-29	
12: 0	4244
9-30	
12: 0	4135

DATA BASE EDITED	RAIN : 16-MAY-1991, 16:04	IDENTIFICATION:	D-1 (No.1)
HOURS:MIN	DISCHARGE, M3/SEC		
1988 8- 1 12: 0	2.200		
8- 2 12: 0	0.000		
8- 3 12: 0	1.100		
8- 4 12: 0	6.600		
8- 5 12: 0	3.300		
8- 6 12: 0	4.400		
8- 7 12: 0	0.000		
8- 8 12: 0	0.000		
8- 9 12: 0	1.100		
8-10 12: 0	0.000		
8-11 12: 0	6.600		
8-12 12: 0	37.60		
8-13 12: 0	2.200		
8-14 12: 0	11.10		
8-15 12: 0	2.200		
8-16 12: 0	0.000		
8-17 12: 0	3.300		
8-18 12: 0	0.000		
8-19 12: 0	0.000		
8-20 12: 0	2.200		
8-21 12: 0	3.300		
8-22 12: 0	24.30		
8-23 12: 0	22.10		
8-24 12: 0	3.300		
8-25 12: 0	4.400		
8-26 12: 0	0.000		
8-27 12: 0	0.000		
8-28 12: 0	0.000		
8-29 12: 0	44.30		
8-30 12: 0	1.100		
8-31 12: 0	0.000		
9- 1 12: 0	0.000		
9- 2 12: 0	0.000		
9- 3 12: 0	22.10		
9- 4 12: 0	12.20		
9- 5 12: 0	0.000		
9- 6 12: 0	46.50		
9- 7 12: 0	1.100		
9- 8 12: 0	0.000		
9- 9 12: 0	19.90		
9-10 12: 0	16.60		
9-11 12: 0	32.10		
9-12 12: 0	0.000		
9-13 12: 0	1.100		
9-14 12: 0	0.000		
9-15 12: 0	1.100		
9-16 12: 0	6.600		
9-17 12: 0	18.80		
9-18 12: 0	0.000		
9-19 12: 0	2.200		
9-20 12: 0	12.20		
9-21 12: 0	0.000		
9-22 12: 0	0.000		
9-23 12: 0	0.000		
9-24 12: 0	0.000		

D-1 (No.1)

DATA BASE EDITED	RAIN : 16-MAY-1991, 16:04	IDENTIFICATION:	D-1 (No.1)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	14.40		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	1.100		
9-30			
12: 0	8.900		

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:02	IDENTIFICATION:	D-2 (No.2)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	3.900		
8- 2			
12: 0	0.000		
8- 3			
12: 0	2.000		
8- 4			
12: 0	11.70		
8- 5			
12: 0	5.900		
8- 6			
12: 0	7.800		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	2.000		
8-10			
12: 0	0.000		
8-11			
12: 0	11.70		
8-12			
12: 0	66.40		
8-13			
12: 0	3.900		
8-14			
12: 0	19.50		
8-15			
12: 0	3.900		
8-16			
12: 0	0.000		
8-17			
12: 0	5.900		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	3.900		
8-21			
12: 0	5.900		
8-22			
12: 0	43.00		
8-23			
12: 0	39.10		
8-24			
12: 0	5.900		
8-25			
12: 0	7.800		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

D-2
(No.2)

8-28	
12: 0	0.000
8-29	
12: 0	78.20
8-30	
12: 0	2.000
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	39.10
9- 4	
12: 0	21.50
9- 5	
12: 0	0.000
9- 6	
12: 0	82.10
9- 7	
12: 0	2.000
9- 8	
12: 0	0.000
9- 9	
12: 0	35.20
9-10	
12: 0	29.30
9-11	
12: 0	56.70
9-12	
12: 0	0.000
9-13	
12: 0	2.000
9-14	
12: 0	0.000
9-15	
12: 0	2.000
9-16	
12: 0	11.70
9-17	
12: 0	33.20
9-18	
12: 0	0.000
9-19	
12: 0	3.900
9-20	
12: 0	21.50
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: D-2
EDITED : 16-MAY-1991, 17:02 (No.2)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	25.40
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	2.000
9-30	
12: 0	15.60

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:06	IDENTIFICATION:	D-3 (No.3)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	5.500		
8- 2			
12: 0	0.000		
8- 3			
12: 0	2.700		
8- 4			
12: 0	16.50		
8- 5			
12: 0	8.200		
8- 6			
12: 0	11.00		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	2.700		
8-10			
12: 0	0.000		
8-11			
12: 0	16.50		
8-12			
12: 0	93.40		
8-13			
12: 0	5.500		
8-14			
12: 0	27.50		
8-15			
12: 0	5.500		
8-16			
12: 0	0.000		
8-17			
12: 0	8.200		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	5.500		
8-21			
12: 0	8.200		
8-22			
12: 0	60.40		
8-23			
12: 0	59.40		
8-24			
12: 0	8.200		
8-25			
12: 0	11.00		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	109.8		
8-30			
12: 0	2.700		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	54.90		
9- 4			
12: 0	30.20		
9- 5			
12: 0	0.000		
9- 6			
12: 0	115.3		
9- 7			
12: 0	2.700		
9- 8			
12: 0	0.000		
9- 9			
12: 0	49.40		
9-10			
12: 0	41.20		
9-11			
12: 0	79.60		
9-12			
12: 0	0.000		
9-13			
12: 0	2.700		
9-14			
12: 0	0.000		
9-15			
12: 0	2.700		
9-16			
12: 0	16.50		
9-17			
12: 0	46.70		
9-18			
12: 0	0.000		
9-19			
12: 0	5.500		
9-20			
12: 0	30.20		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:06	IDENTIFICATION:	D-3 (No.3)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	35.70		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	2.700		
9-30			
12: 0	22.00		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:10	IDENTIFICATION:	BU-1 (No.4)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	2.000		
8- 2			
12: 0	0.000		
8- 3			
12: 0	1.000		
8- 4			
12: 0	6.000		
8- 5			
12: 0	3.000		
8- 6			
12: 0	4.000		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	1.000		
8-10			
12: 0	0.000		
8-11			
12: 0	6.000		
8-12			
12: 0	34.20		
8-13			
12: 0	2.000		
8-14			
12: 0	10.10		
8-15			
12: 0	2.000		
8-16			
12: 0	0.000		
8-17			
12: 0	3.000		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	2.000		
8-21			
12: 0	3.000		
8-22			
12: 0	22.10		
8-23			
12: 0	20.10		
8-24			
12: 0	3.000		
8-25			
12: 0	4.000		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

BU-1
(No.4)

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	0.000
8-29	
12: 0	40.20
8-30	
12: 0	1.000
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	20.10
9- 4	
12: 0	11.10
9- 5	
12: 0	0.000
9- 6	
12: 0	42.20
9- 7	
12: 0	1.000
9- 8	
12: 0	0.000
9- 9	
12: 0	18.10
9-10	
12: 0	15.10
9-11	
12: 0	29.20
9-12	
12: 0	0.000
9-13	
12: 0	1.000
9-14	
12: 0	0.000
9-15	
12: 0	1.000
9-16	
12: 0	6.000
9-17	
12: 0	17.10
9-18	
12: 0	0.000
9-19	
12: 0	2.000
9-20	
12: 0	11.10
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BU-1
EDITED : 16-MAY-1991, 17:10 (No.4)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	13.10
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	1.000
9-30	
12: 0	8.000

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:14	IDENTIFICATION:	BU-2 (No.5)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.200		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.100		
8- 4			
12: 0	0.500		
8- 5			
12: 0	0.200		
8- 6			
12: 0	0.300		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.100		
8-10			
12: 0	0.000		
8-11			
12: 0	0.500		
8-12			
12: 0	2.700		
8-13			
12: 0	0.200		
8-14			
12: 0	0.800		
8-15			
12: 0	0.200		
8-16			
12: 0	0.000		
8-17			
12: 0	0.200		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.200		
8-21			
12: 0	0.200		
8-22			
12: 0	1.700		
8-23			
12: 0	1.600		
8-24			
12: 0	0.200		
8-25			
12: 0	0.300		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	3.100		
8-30			
12: 0	0.100		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	1.600		
9- 4			
12: 0	0.900		
9- 5			
12: 0	0.000		
9- 6			
12: 0	3.300		
9- 7			
12: 0	0.100		
9- 8			
12: 0	0.000		
9- 9			
12: 0	1.400		
9-10			
12: 0	1.200		
9-11			
12: 0	2.300		
9-12			
12: 0	0.000		
9-13			
12: 0	0.100		
9-14			
12: 0	0.000		
9-15			
12: 0	0.100		
9-16			
12: 0	0.500		
9-17			
12: 0	1.300		
9-18			
12: 0	0.000		
9-19			
12: 0	0.200		
9-20			
12: 0	0.900		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

BU-2
(No.5)

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:14	IDENTIFICATION:	BU-2 (No.5)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	1.000		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	0.100		
9-30			
12: 0	0.600		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:18	IDENTIFICATION:	BU-3 (No.6)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	1.900		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.900		
8- 4			
12: 0	5.700		
8- 5			
12: 0	2.800		
8- 6			
12: 0	3.800		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.900		
8-10			
12: 0	0.000		
8-11			
12: 0	5.700		
8-12			
12: 0	32.10		
8-13			
12: 0	1.900		
8-14			
12: 0	9.400		
8-15			
12: 0	1.900		
8-16			
12: 0	0.000		
8-17			
12: 0	2.800		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	1.900		
8-21			
12: 0	2.800		
8-22			
12: 0	20.80		
8-23			
12: 0	18.90		
8-24			
12: 0	2.800		
8-25			
12: 0	3.800		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

BU-3
(No.6)

8-28	
12: 0	0.000
8-29	
12: 0	37.80
8-30	
12: 0	0.900
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	18.90
9- 4	
12: 0	10.40
9- 5	
12: 0	0.000
9- 6	
12: 0	39.70
9- 7	
12: 0	0.900
9- 8	
12: 0	0.000
9- 9	
12: 0	17.00
9-10	
12: 0	14.20
9-11	
12: 0	27.40
9-12	
12: 0	0.000
9-13	
12: 0	0.900
9-14	
12: 0	0.000
9-15	
12: 0	0.900
9-16	
12: 0	5.700
9-17	
12: 0	16.10
9-18	
12: 0	0.000
9-19	
12: 0	1.900
9-20	
12: 0	10.40
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BU-3
EDITED : 16-MAY-1991, 17:18 (No.6)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	12.30
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.900
9-30	
12: 0	7.600

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:23	IDENTIFICATION:	BU-4 (No.7)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	4.500		
8- 2			
12: 0	0.000		
8- 3			
12: 0	2.300		
8- 4			
12: 0	13.50		
8- 5			
12: 0	6.800		
8- 6			
12: 0	9.000		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	2.300		
8-10			
12: 0	0.000		
8-11			
12: 0	13.50		
8-12			
12: 0	76.80		
8-13			
12: 0	4.500		
8-14			
12: 0	22.60		
8-15			
12: 0	4.500		
8-16			
12: 0	0.000		
8-17			
12: 0	6.800		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	4.500		
8-21			
12: 0	6.800		
8-22			
12: 0	49.70		
8-23			
12: 0	45.20		
8-24			
12: 0	6.800		
8-25			
12: 0	9.000		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	90.30		
8-30			
12: 0	2.300		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	45.20		
9- 4			
12: 0	24.80		
9- 5			
12: 0	0.000		
9- 6			
12: 0	94.80		
9- 7			
12: 0	2.300		
9- 8			
12: 0	0.000		
9- 9			
12: 0	40.60		
9-10			
12: 0	33.90		
9-11			
12: 0	65.50		
9-12			
12: 0	0.000		
9-13			
12: 0	2.300		
9-14			
12: 0	0.000		
9-15			
12: 0	2.300		
9-16			
12: 0	13.50		
9-17			
12: 0	38.40		
9-18			
12: 0	0.000		
9-19			
12: 0	4.500		
9-20			
12: 0	24.80		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:23	IDENTIFICATION:	BU-4 (No.7)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	29.40
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	2.300
9-30	
12: 0	18.10

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:26	IDENTIFICATION:	BU-5 (No.8)

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	0.500
8- 2	
12: 0	0.000
8- 3	
12: 0	0.200
8- 4	
12: 0	1.400
8- 5	
12: 0	0.700
8- 6	
12: 0	1.000
8- 7	
12: 0	0.000
8- 8	
12: 0	0.000
8- 9	
12: 0	0.200
8-10	
12: 0	0.000
8-11	
12: 0	1.400
8-12	
12: 0	8.200
8-13	
12: 0	0.500
8-14	
12: 0	2.400
8-15	
12: 0	0.500
8-16	
12: 0	0.000
8-17	
12: 0	0.700
8-18	
12: 0	0.000
8-19	
12: 0	0.000
8-20	
12: 0	0.500
8-21	
12: 0	0.700
8-22	
12: 0	5.300
8-23	
12: 0	4.800
8-24	
12: 0	0.700
8-25	
12: 0	1.000
8-26	
12: 0	0.000
8-27	

BU-5
(No.8)

HOURS:MIN	DISCHARGE, M3/SEC
12: 0	0.000
8-28	
12: 0	0.000
8-29	
12: 0	9.600
8-30	
12: 0	0.200
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	4.800
9- 4	
12: 0	2.600
9- 5	
12: 0	0.000
9- 6	
12: 0	10.10
9- 7	
12: 0	0.200
9- 8	
12: 0	0.000
9- 9	
12: 0	4.300
9-10	
12: 0	3.600
9-11	
12: 0	7.000
9-12	
12: 0	0.000
9-13	
12: 0	0.200
9-14	
12: 0	0.000
9-15	
12: 0	0.200
9-16	
12: 0	1.400
9-17	
12: 0	4.100
9-18	
12: 0	0.000
9-19	
12: 0	0.500
9-20	
12: 0	2.600
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BU-5
EDITED : 16-MAY-1991, 17:26 (No.8)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	3.100
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.200
9-30	
12: 0	1.900

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:29	IDENTIFICATION:	BU-6 (No.9)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	1.800		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.900		
8- 4			
12: 0	5.500		
8- 5			
12: 0	2.700		
8- 6			
12: 0	3.600		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.900		
8-10			
12: 0	0.000		
8-11			
12: 0	5.500		
8-12			
12: 0	31.00		
8-13			
12: 0	1.800		
8-14			
12: 0	9.100		
8-15			
12: 0	1.800		
8-16			
12: 0	0.000		
8-17			
12: 0	2.700		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	1.800		
8-21			
12: 0	2.700		
8-22			
12: 0	20.00		
8-23			
12: 0	18.20		
8-24			
12: 0	2.700		
8-25			
12: 0	3.600		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	36.40		
8-30			
12: 0	0.900		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	18.20		
9- 4			
12: 0	10.00		
9- 5			
12: 0	0.000		
9- 6			
12: 0	38.20		
9- 7			
12: 0	0.900		
9- 8			
12: 0	0.000		
9- 9			
12: 0	16.40		
9-10			
12: 0	13.70		
9-11			
12: 0	26.40		
9-12			
12: 0	0.000		
9-13			
12: 0	0.900		
9-14			
12: 0	0.000		
9-15			
12: 0	0.900		
9-16			
12: 0	5.500		
9-17			
12: 0	15.50		
9-18			
12: 0	0.000		
9-19			
12: 0	1.800		
9-20			
12: 0	10.00		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

BU-6 (No.9)

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:29	IDENTIFICATION:	BU-6 (No.9)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	11.80		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	0.900		
9-30			
12: 0	7.300		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:32	IDENTIFICATION:	BU-7 (No.10)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.200		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.100		
8- 4			
12: 0	0.700		
8- 5			
12: 0	0.400		
8- 6			
12: 0	0.500		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.100		
8-10			
12: 0	0.000		
8-11			
12: 0	0.700		
8-12			
12: 0	4.100		
8-13			
12: 0	0.200		
8-14			
12: 0	1.200		
8-15			
12: 0	0.200		
8-16			
12: 0	0.000		
8-17			
12: 0	0.400		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.200		
8-21			
12: 0	0.400		
8-22			
12: 0	2.600		
8-23			
12: 0	2.400		
8-24			
12: 0	0.400		
8-25			
12: 0	0.500		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

BU-7
(No.10)

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	0.000
8-29	
12: 0	4.800
8-30	
12: 0	0.100
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	2.400
9- 4	
12: 0	1.300
9- 5	
12: 0	0.000
9- 6	
12: 0	5.100
9- 7	
12: 0	0.100
9- 8	
12: 0	0.000
9- 9	
12: 0	2.200
9-10	
12: 0	1.800
9-11	
12: 0	3.500
9-12	
12: 0	0.000
9-13	
12: 0	0.100
9-14	
12: 0	0.000
9-15	
12: 0	0.100
9-16	
12: 0	0.700
9-17	
12: 0	2.000
9-18	
12: 0	0.000
9-19	
12: 0	0.200
9-20	
12: 0	1.300
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BU-7
EDITED : 16-MAY-1991, 17:32 (No.10)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	1.600
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.100
9-30	
12: 0	1.000

DATA BASE : RAIN	IDENTIFICATION:	BU-8
EDITED : 16-MAY-1991, 17:35		(No.11)

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	0.200
8- 2	
12: 0	0.000
8- 3	
12: 0	0.100
8- 4	
12: 0	0.600
8- 5	
12: 0	0.300
8- 6	
12: 0	0.400
8- 7	
12: 0	0.000
8- 8	
12: 0	0.000
8- 9	
12: 0	0.100
8-10	
12: 0	0.000
8-11	
12: 0	0.600
8-12	
12: 0	3.300
8-13	
12: 0	0.200
8-14	
12: 0	1.000
8-15	
12: 0	0.200
8-16	
12: 0	0.000
8-17	
12: 0	0.300
8-18	
12: 0	0.000
8-19	
12: 0	0.000
8-20	
12: 0	0.200
8-21	
12: 0	0.300
8-22	
12: 0	2.100
8-23	
12: 0	1.900
8-24	
12: 0	0.300
8-25	
12: 0	0.400
8-26	
12: 0	0.000
8-27	
12: 0	0.000
8-28	
12: 0	0.000
8-29	
12: 0	3.900
8-30	
12: 0	0.100
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	1.900
9- 4	
12: 0	1.100
9- 5	
12: 0	0.000
9- 6	
12: 0	4.000
9- 7	
12: 0	0.100
9- 8	
12: 0	0.000
9- 9	
12: 0	1.700
9-10	
12: 0	1.400
9-11	
12: 0	2.800
9-12	
12: 0	0.000
9-13	
12: 0	0.100
9-14	
12: 0	0.000
9-15	
12: 0	0.100
9-16	
12: 0	0.600
9-17	
12: 0	1.600
9-18	
12: 0	0.000
9-19	
12: 0	0.200
9-20	
12: 0	1.100
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

BU-8
(No.11)

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:35	IDENTIFICATION:	BU-8 (No.11)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	1.300		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	0.100		
9-30			
12: 0	0.800		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:38	IDENTIFICATION:	T-1 (No.12)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.400		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.200		
8- 4			
12: 0	1.300		
8- 5			
12: 0	0.600		
8- 6			
12: 0	0.800		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.200		
8-10			
12: 0	0.000		
8-11			
12: 0	1.300		
8-12			
12: 0	7.100		
8-13			
12: 0	0.400		
8-14			
12: 0	2.100		
8-15			
12: 0	0.400		
8-16			
12: 0	0.000		
8-17			
12: 0	0.600		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.400		
8-21			
12: 0	0.600		
8-22			
12: 0	4.600		
8-23			
12: 0	4.200		
8-24			
12: 0	0.600		
8-25			
12: 0	0.800		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

T-1
(No.12)

HOURS:MIN	DISCHARGE, M3/SEC
8-28 12: 0	0.000
8-29 12: 0	8.400
8-30 12: 0	0.200
8-31 12: 0	0.000
9- 1 12: 0	0.000
9- 2 12: 0	0.000
9- 3 12: 0	4.200
9- 4 12: 0	2.300
9- 5 12: 0	0.000
9- 6 12: 0	8.800
9- 7 12: 0	0.200
9- 8 12: 0	0.000
9- 9 12: 0	3.800
9-10 12: 0	3.200
9-11 12: 0	6.100
9-12 12: 0	0.000
9-13 12: 0	0.200
9-14 12: 0	0.000
9-15 12: 0	0.000
9-16 12: 0	1.300
9-17 12: 0	3.600
9-18 12: 0	0.000
9-19 12: 0	0.400
9-20 12: 0	2.300
9-21 12: 0	0.000
9-22 12: 0	0.000
9-23 12: 0	0.000
9-24 12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: T-1
EDITED : 16-MAY-1991, 17:38 (No.12)

HOURS:MIN	DISCHARGE, M3/SEC
9-25 12: 0	2.700
9-26 12: 0	0.000
9-27 12: 0	0.000
9-28 12: 0	0.000
9-29 12: 0	0.200
9-30 12: 0	1.700

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:41	IDENTIFICATION:	T-2 (No.13)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.300		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.100		
8- 4			
12: 0	0.900		
8- 5			
12: 0	0.400		
8- 6			
12: 0	0.600		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.100		
8-10			
12: 0	0.000		
8-11			
12: 0	0.900		
8-12			
12: 0	5.000		
8-13			
12: 0	0.300		
8-14			
12: 0	1.500		
8-15			
12: 0	0.300		
8-16			
12: 0	0.000		
8-17			
12: 0	0.400		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.300		
8-21			
12: 0	0.400		
8-22			
12: 0	3.200		
8-23			
12: 0	2.900		
8-24			
12: 0	0.400		
8-25			
12: 0	0.600		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	5.900		
8-30			
12: 0	0.100		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	2.900		
9- 4			
12: 0	1.600		
9- 5			
12: 0	0.000		
9- 6			
12: 0	6.200		
9- 7			
12: 0	0.100		
9- 8			
12: 0	0.000		
9- 9			
12: 0	2.700		
9-10			
12: 0	2.200		
9-11			
12: 0	4.300		
9-12			
12: 0	0.000		
9-13			
12: 0	0.100		
9-14			
12: 0	0.000		
9-15			
12: 0	0.100		
9-16			
12: 0	0.900		
9-17			
12: 0	2.500		
9-18			
12: 0	0.000		
9-19			
12: 0	0.300		
9-20			
12: 0	1.600		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

T-2 (No.13)

DATA BASE : EDITED	RAIN : 16-MAY-1991, 17:41	IDENTIFICATION:	T-2 (No.13)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	1.900		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	0.100		
9-30			
12: 0	1.200		

DATA BASE : EDITED	RAIN : 16-MAY-1991, 17:50	IDENTIFICATION:	T-3 (No.14)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.200		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.100		
8- 4			
12: 0	0.700		
8- 5			
12: 0	0.300		
8- 6			
12: 0	0.400		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.100		
8-10			
12: 0	0.000		
8-11			
12: 0	0.700		
8-12			
12: 0	3.800		
8-13			
12: 0	0.200		
8-14			
12: 0	1.100		
8-15			
12: 0	0.200		
8-16			
12: 0	0.000		
8-17			
12: 0	0.300		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.200		
8-21			
12: 0	0.300		
8-22			
12: 0	2.400		
8-23			
12: 0	2.200		
8-24			
12: 0	0.300		
8-25			
12: 0	0.400		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

T-3
(No.14)

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	0.000
8-29	
12: 0	4.500
8-30	
12: 0	0.100
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	2.200
9- 4	
12: 0	1.200
9- 5	
12: 0	0.000
9- 6	
12: 0	4.700
9- 7	
12: 0	0.100
9- 8	
12: 0	0.000
9- 9	
12: 0	2.000
9-10	
12: 0	1.700
9-11	
12: 0	3.200
9-12	
12: 0	0.000
9-13	
12: 0	0.100
9-14	
12: 0	0.000
9-15	
12: 0	0.100
9-16	
12: 0	0.700
9-17	
12: 0	1.900
9-18	
12: 0	0.000
9-19	
12: 0	0.200
9-20	
12: 0	1.200
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: T-3
EDITED : 16-MAY-1991, 17:50 (No.14)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	1.400
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.100
9-30	
12: 0	0.900

DATA BASE : RAIN	IDENTIFICATION: BA-1 (No.15)
EDITED : 16-MAY-1991, 17:52	

HOURS:MIN	DISCHARGE, M3/SEC
1988 8- 1 12: 0	2.100
8- 2 12: 0	0.000
8- 3 12: 0	1.000
8- 4 12: 0	6.200
8- 5 12: 0	3.100
8- 6 12: 0	4.200
8- 7 12: 0	0.000
8- 8 12: 0	0.000
8- 9 12: 0	1.000
8-10 12: 0	0.000
8-11 12: 0	6.200
8-12 12: 0	35.40
8-13 12: 0	2.100
8-14 12: 0	10.40
8-15 12: 0	2.100
8-16 12: 0	0.000
8-17 12: 0	3.100
8-18 12: 0	0.000
8-19 12: 0	0.000
8-20 12: 0	2.100
8-21 12: 0	3.100
8-22 12: 0	22.90
8-23 12: 0	20.80
8-24 12: 0	3.100
8-25 12: 0	4.200
8-26 12: 0	0.000
8-27 12: 0	0.000
8-28 12: 0	0.000
8-29 12: 0	41.60
8-30 12: 0	1.000
8-31 12: 0	0.000
9- 1 12: 0	0.000
9- 2 12: 0	0.000
9- 3 12: 0	20.80
9- 4 12: 0	11.40
9- 5 12: 0	0.000
9- 6 12: 0	43.70
9- 7 12: 0	1.000
9- 8 12: 0	0.000
9- 9 12: 0	18.70
9-10 12: 0	15.60
9-11 12: 0	30.20
9-12 12: 0	0.000
9-13 12: 0	1.000
9-14 12: 0	0.000
9-15 12: 0	1.000
9-16 12: 0	6.200
9-17 12: 0	17.70
9-18 12: 0	0.000
9-19 12: 0	2.100
9-20 12: 0	11.40
9-21 12: 0	0.000
9-22 12: 0	0.000
9-23 12: 0	0.000
9-24 12: 0	0.000

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:52	IDENTIFICATION:	BA-1 (No.15)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	13.50		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	1.000		
9-30			
12: 0	8.300		

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:55	IDENTIFICATION:	BA-2 (No.16)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	1.300		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.600		
8- 4			
12: 0	3.800		
8- 5			
12: 0	1.900		
8- 6			
12: 0	2.500		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.600		
8-10			
12: 0	0.000		
8-11			
12: 0	3.800		
8-12			
12: 0	21.60		
8-13			
12: 0	1.300		
8-14			
12: 0	6.400		
8-15			
12: 0	1.300		
8-16			
12: 0	0.000		
8-17			
12: 0	1.900		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	1.300		
8-21			
12: 0	1.900		
8-22			
12: 0	14.00		
8-23			
12: 0	12.70		
8-24			
12: 0	1.900		
8-25			
12: 0	2.500		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

BA-2
(No. 16)

8-28	
12: 0	0.000
8-29	
12: 0	5.500
8-30	
12: 0	0.600
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	12.70
9- 4	
12: 0	7.000
9- 5	
12: 0	0.000
9- 6	
12: 0	26.70
9- 7	
12: 0	0.600
9- 8	
12: 0	0.000
9- 9	
12: 0	11.50
9-10	
12: 0	9.600
9-11	
12: 0	18.50
9-12	
12: 0	0.000
9-13	
12: 0	0.600
9-14	
12: 0	0.000
9-15	
12: 0	0.600
9-16	
12: 0	3.800
9-17	
12: 0	10.80
9-18	
12: 0	0.000
9-19	
12: 0	1.300
9-20	
12: 0	7.000
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BA-2
EDITED : 16-MAY-1991, 17:55 (No. 16)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	8.300
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.600
9-30	
12: 0	5.100

DATA BASE EDITED	: RAIN : 16-MAY-1991, 17:59	IDENTIFICATION:	BA-3 (No.17)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	2.000		
8- 2			
12: 0	0.000		
8- 3			
12: 0	1.000		
8- 4			
12: 0	6.100		
8- 5			
12: 0	3.100		
8- 6			
12: 0	4.100		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	1.000		
8-10			
12: 0	0.000		
8-11			
12: 0	6.100		
8-12			
12: 0	34.60		
8-13			
12: 0	2.000		
8-14			
12: 0	10.20		
8-15			
12: 0	2.000		
8-16			
12: 0	0.000		
8-17			
12: 0	3.100		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	2.000		
8-21			
12: 0	3.100		
8-22			
12: 0	22.40		
8-23			
12: 0	20.30		
8-24			
12: 0	3.100		
8-25			
12: 0	4.100		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		
8-28			
12: 0	0.000		
8-29			
12: 0	40.70		
8-30			
12: 0	1.000		
8-31			
12: 0	0.000		
9- 1			
12: 0	0.000		
9- 2			
12: 0	0.000		
9- 3			
12: 0	20.30		
9- 4			
12: 0	11.20		
9- 5			
12: 0	0.000		
9- 6			
12: 0	42.70		
9- 7			
12: 0	1.000		
9- 8			
12: 0	0.000		
9- 9			
12: 0	18.30		
9-10			
12: 0	15.30		
9-11			
12: 0	29.50		
9-12			
12: 0	0.000		
9-13			
12: 0	1.000		
9-14			
12: 0	0.000		
9-15			
12: 0	1.000		
9-16			
12: 0	6.100		
9-17			
12: 0	17.30		
9-18			
12: 0	0.000		
9-19			
12: 0	2.000		
9-20			
12: 0	11.20		
9-21			
12: 0	0.000		
9-22			
12: 0	0.000		
9-23			
12: 0	0.000		
9-24			
12: 0	0.000		

DATA BASE EDITED	RAIN : 16-MAY-1991, 17:59	IDENTIFICATION:	BA-3 (No.17)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	13.20		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	1.000		
9-30			
12: 0	8.100		

DATA BASE EDITED	RAIN : 16-MAY-1991, 18:04	IDENTIFICATION:	BA-4 (No.18)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	2.000		
8- 2			
12: 0	0.000		
8- 3			
12: 0	1.000		
8- 4			
12: 0	6.000		
8- 5			
12: 0	3.000		
8- 6			
12: 0	4.000		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	1.000		
8-10			
12: 0	0.000		
8-11			
12: 0	6.000		
8-12			
12: 0	34.00		
8-13			
12: 0	2.000		
8-14			
12: 0	10.00		
8-15			
12: 0	2.000		
8-16			
12: 0	0.000		
8-17			
12: 0	3.000		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	2.000		
8-21			
12: 0	3.000		
8-22			
12: 0	22.00		
8-23			
12: 0	20.00		
8-24			
12: 0	3.000		
8-25			
12: 0	4.000		
8-26			
12: 0	0.000		
8-27			
12: 0	0.000		

BA-4
(No.18)

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	0.000
8-29	
12: 0	39.90
8-30	
12: 0	1.000
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	20.00
9- 4	
12: 0	11.00
9- 5	
12: 0	0.000
9- 6	
12: 0	41.90
9- 7	
12: 0	1.000
9- 8	
12: 0	0.000
9- 9	
12: 0	18.00
9-10	
12: 0	15.00
9-11	
12: 0	29.00
9-12	
12: 0	0.000
9-13	
12: 0	1.000
9-14	
12: 0	0.000
9-15	
12: 0	1.000
9-16	
12: 0	6.000
9-17	
12: 0	17.00
9-18	
12: 0	0.000
9-19	
12: 0	2.000
9-20	
12: 0	11.00
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE : RAIN IDENTIFICATION: BA-4
EDITED : 16-MAY-1991, 18:04 (No.18)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	13.00
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	1.000
9-30	
12: 0	8.000

DATA BASE : RAIN	IDENTIFICATION:	BA-5 (No.19)
EDITED : 16-MAY-1991, 18:07		

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	3.800
8- 2	
12: 0	0.000
8- 3	
12: 0	1.900
8- 4	
12: 0	11.50
8- 5	
12: 0	5.800
8- 6	
12: 0	7.700
8- 7	
12: 0	0.000
8- 8	
12: 0	0.000
8- 9	
12: 0	1.900
8-10	
12: 0	0.000
8-11	
12: 0	11.50
8-12	
12: 0	65.40
8-13	
12: 0	3.800
8-14	
12: 0	19.20
8-15	
12: 0	3.800
8-16	
12: 0	0.000
8-17	
12: 0	5.800
8-18	
12: 0	0.000
8-19	
12: 0	0.000
8-20	
12: 0	3.800
8-21	
12: 0	5.800
8-22	
12: 0	42.30
8-23	
12: 0	38.50
8-24	
12: 0	5.800
8-25	
12: 0	7.700
8-26	
12: 0	0.000
8-27	
12: 0	0.000
8-28	
12: 0	0.000
8-29	
12: 0	76.90
8-30	
12: 0	1.900
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	38.50
9- 4	
12: 0	21.20
9- 5	
12: 0	0.000
9- 6	
12: 0	80.80
9- 7	
12: 0	1.900
9- 8	
12: 0	0.000
9- 9	
12: 0	34.60
9-10	
12: 0	28.80
9-11	
12: 0	55.80
9-12	
12: 0	0.000
9-13	
12: 0	1.900
9-14	
12: 0	0.000
9-15	
12: 0	1.900
9-16	
12: 0	11.50
9-17	
12: 0	32.70
9-18	
12: 0	0.000
9-19	
12: 0	3.800
9-20	
12: 0	21.20
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

BA-5
(No.19)

DATA BASE EDITED	RAIN : 16-MAY-1991, 18:07	IDENTIFICATION:	BA-5 (No.19)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	25.00		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	1.900		
9-30			
12: 0	15.40		

DATA BASE EDITED	RAIN : 16-MAY-1991, 18:09	IDENTIFICATION:	L-1 (No.20)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	2.700		
8- 2			
12: 0	0.000		
8- 3			
12: 0	1.300		
8- 4			
12: 0	8.000		
8- 5			
12: 0	4.000		
8- 6			
12: 0	5.300		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	1.300		
8-10			
12: 0	0.000		
8-11			
12: 0	8.000		
8-12			
12: 0	45.10		
8-13			
12: 0	2.700		
8-14			
12: 0	13.30		
8-15			
12: 0	2.700		
8-16			
12: 0	0.000		
8-17			
12: 0	4.000		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	2.700		
8-21			
12: 0	4.000		
8-22			
12: 0	29.20		
8-23			
12: 0	26.50		
8-24			
12: 0	4.000		
8-25			
12: 0	5.300		
8-26			
12: 0	0.000		
8-27			

L-1
(No.20)

HOURS:MIN	DISCHARGE, M3/SEC
8-28	
12: 0	0.000
8-29	
12: 0	53.00
8-30	
12: 0	1.300
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	26.50
9- 4	
12: 0	14.60
9- 5	
12: 0	0.000
9- 6	
12: 0	55.70
9- 7	
12: 0	1.300
9- 8	
12: 0	0.000
9- 9	
12: 0	23.90
9-10	
12: 0	19.90
9-11	
12: 0	38.40
9-12	
12: 0	0.000
9-13	
12: 0	1.300
9-14	
12: 0	0.000
9-15	
12: 0	1.300
9-16	
12: 0	8.000
9-17	
12: 0	22.50
9-18	
12: 0	0.000
9-19	
12: 0	2.700
9-20	
12: 0	14.60
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE EDITED : RAIN : 16-MAY-1991, 18:09 IDENTIFICATION: L-1 (No.20)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	17.20
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	1.300
9-30	
12: 0	10.60

DATA BASE : RAIN	IDENTIFICATION: L-2 (No.21)
EDITED : 16-MAY-1991, 18:12	

HOURS:MIN	DISCHARGE, M3/SEC
1988	
8- 1	
12: 0	0.500
8- 2	
12: 0	0.000
8- 3	
12: 0	0.200
8- 4	
12: 0	1.500
8- 5	
12: 0	0.700
8- 6	
12: 0	1.000
8- 7	
12: 0	0.000
8- 8	
12: 0	0.000
8- 9	
12: 0	0.200
8-10	
12: 0	0.000
8-11	
12: 0	1.500
8-12	
12: 0	8.400
8-13	
12: 0	0.500
8-14	
12: 0	2.500
8-15	
12: 0	0.500
8-16	
12: 0	0.000
8-17	
12: 0	0.700
8-18	
12: 0	0.000
8-19	
12: 0	0.000
8-20	
12: 0	0.500
8-21	
12: 0	0.700
8-22	
12: 0	5.500
8-23	
12: 0	5.000
8-24	
12: 0	0.700
8-25	
12: 0	1.000
8-26	
12: 0	0.000
8-27	
8-28	
12: 0	0.000
8-29	
12: 0	9.900
8-30	
12: 0	0.200
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	5.000
9- 4	
12: 0	2.700
9- 5	
12: 0	0.000
9- 6	
12: 0	10.40
9- 7	
12: 0	0.200
9- 8	
12: 0	0.000
9- 9	
12: 0	4.500
9-10	
12: 0	3.700
9-11	
12: 0	7.200
9-12	
12: 0	0.000
9-13	
12: 0	0.200
9-14	
12: 0	0.000
9-15	
12: 0	0.200
9-16	
12: 0	1.500
9-17	
12: 0	4.200
9-18	
12: 0	0.000
9-19	
12: 0	0.500
9-20	
12: 0	2.700
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

DATA BASE EDITED	: RAIN : 16-MAY-1991, 18:12	IDENTIFICATION:	L-2 (No. 21)
HOURS:MIN	DISCHARGE, M3/SEC		
9-25			
12: 0	3.200		
9-26			
12: 0	0.000		
9-27			
12: 0	0.000		
9-28			
12: 0	0.000		
9-29			
12: 0	0.200		
9-30			
12: 0	2.000		

DATA BASE EDITED	: RAIN : 16-MAY-1991, 18:15	IDENTIFICATION:	L-3 (No. 22)
HOURS:MIN	DISCHARGE, M3/SEC		
1988			
8- 1			
12: 0	0.300		
8- 2			
12: 0	0.000		
8- 3			
12: 0	0.200		
8- 4			
12: 0	1.000		
8- 5			
12: 0	0.500		
8- 6			
12: 0	0.700		
8- 7			
12: 0	0.000		
8- 8			
12: 0	0.000		
8- 9			
12: 0	0.200		
8-10			
12: 0	0.000		
8-11			
12: 0	1.000		
8-12			
12: 0	5.800		
8-13			
12: 0	0.300		
8-14			
12: 0	1.700		
8-15			
12: 0	0.300		
8-16			
12: 0	0.000		
8-17			
12: 0	0.500		
8-18			
12: 0	0.000		
8-19			
12: 0	0.000		
8-20			
12: 0	0.300		
8-21			
12: 0	0.500		
8-22			
12: 0	3.800		
8-23			
12: 0	3.400		
8-24			
12: 0	0.500		
8-25			
12: 0	0.700		
8-26			
12: 0	0.000		
8-27			

L-3
(No. 22)

HOURS:MIN	DISCHARGE, M3/SEC
12: 0	0.000
8-28	
12: 0	0.000
8-29	
12: 0	6.800
8-30	
12: 0	0.200
8-31	
12: 0	0.000
9- 1	
12: 0	0.000
9- 2	
12: 0	0.000
9- 3	
12: 0	3.400
9- 4	
12: 0	1.900
9- 5	
12: 0	0.000
9- 6	
12: 0	7.200
9- 7	
12: 0	0.200
9- 8	
12: 0	0.000
9- 9	
12: 0	3.100
9-10	
12: 0	2.600
9-11	
12: 0	4.900
9-12	
12: 0	0.000
9-13	
12: 0	0.200
9-14	
12: 0	0.000
9-15	
12: 0	0.200
9-16	
12: 0	1.000
9-17	
12: 0	2.900
9-18	
12: 0	0.000
9-19	
12: 0	0.300
9-20	
12: 0	1.900
9-21	
12: 0	0.000
9-22	
12: 0	0.000
9-23	
12: 0	0.000
9-24	
12: 0	0.000

MIKE 11 SYSTEM Page: 1

DATA BASE : RAIN IDENTIFICATION: L-3
EDITED : 16-MAY-1991, 18:15 (No. 22)

HOURS:MIN	DISCHARGE, M3/SEC
9-25	
12: 0	2.200
9-26	
12: 0	0.000
9-27	
12: 0	0.000
9-28	
12: 0	0.000
9-29	
12: 0	0.200
9-30	
12: 0	1.400

MIKE 11 SYSTEM Page:

5) Manning's Roughness Coefficient of Without Project

MAN1

```
+-----------------------------------------------------------------------+
! G.5          SUPPLEMENTARY  DATA     - GENERAL  OVERVIEW               !
+-----------------------------------------------------------------------+
!                                                                       !
!                                                  Number of            !
!     1  INITIAL CONDITIONS ..................      0  locations        !
!                                                                       !
!     2  WIND FACTORS ........................      0       "           !
!                                                                       !
!     3  RESISTANCE NUMBER ...................     10       "           !
!                                                                       !
!     4  FLOW DESCRIPTION ....................      0       "           !
!                                                                       !
!     5  DEFAULT VALUES ......................      1  page             !
!                                                                       !
!     6  WATER LOSS PARAMETERS ...............      0  locations        !
!                                                                       !
!     7  TEXT ................................      0  lines            !
!                                                                       !
!     Select: <Enter> or (1-7)                                          !
+-----------------------------------------------------------------------+
<Esc> return to Menu G                              <F1> Help Menu
```

MAN I

G.5.3 RESISTANCE NUMBERS

Global resistance number	33.333

Manning's roughness coefficient n=0.030

Branches where local resistance numbers are applicable:

	River name	River chainage	Res. number
1	DHALESWARI	19.700	40.000
2	DHALESWARI	25.600	40.000
3	DHALESWARI	30.800	40.000
4	DHALESWARI	37.200	40.000
5	DHALESWARI	46.200	40.000
6	DHALESWARI	47.200	40.000
7	DHALESWARI	51.700	40.000
8	DHALESWARI	54.500	40.000
9	DHALESWARI	56.300	40.000
10	DHALESWARI	60.200	40.000

Manning's roughness coefficient n=0.025

Entr: (E/I/F/D/T/B/L/ESC) Edit Insert Find Delete Top Bottom Line <esc>=ret

MAN I

G.5.5 DEFAULT VALUES

DELTA	0.50	THETA	1.00
DELHS	0.0100000	EPS	0.00010
DELH	0.100	DH_NODE	0.010
SPILFC	0.00	STORFC	0.0
ALPHA	1.00		
NR_ITER	1	ITER1_MAX	10
MAXITER_STEADY	100		

WIND STRESS	0	0 : Without 1: With
RESISTANCE NUMBER	1	0 : Chezy 1: Manning(M) 2: Manning(n)
NODE COMPATIBILITY	0	0 : Water level 1: Energy

STORING FOR PRINT / PLOT		0: No storing 1: Storing
Computed velocities ...	1	
Velocities in weirs ...	0	

Entr: (E/I/F/D/T/B/L/ESC) Edit Insert Find Delete Top Bottom Line <esc>=ret

b) Results of Calibration of Without Project

```
+------------------------------------------------------------------------------+
  H2  CALCULATION  - HYDRODYNAMIC MODEL                                        !
+------------------------------------------------------------------------------+
                                                     Filenames                 !
      CATCHMENT AND RIVER DATA               :          RIVER1.RDF             !
      NAM - RESULT FILE                      :                .NRF             !
      TIME VARYING BOUNDARIES                :          BOUND1.BSF             !
                                                                               !
      SUPPLEMENTARY DATA                     :            MAN1.SSF             !
      RESULT FILE                            :          RES-B7.RRF             !
      Initial conditions  (1: auto, 2: SSF fil, 3: hotstart) :  1              !
                                                                               !
                                                                               !
      ______________________________________________                           !
                                                                               !
                                                                               !
      Simulation start (default: boundary start)    :  1988  8   1   12   0    !
      Simulation time (hours)           <  1440.00  :  1440.00                 !
      Timestep (minutes)                            :    60.00                 !
      No. timesteps between saving of results       :    24                    !
                                                            /                  !
+------------------------------------------------------------------------------+
Do you want the calculation to start ? (Y/N)
```

GRID POINT RESULT SUMMARY

WATER LEVEL,

	Location	Minimum meter	Maximum meter
DHALESWARI	0.000	5.40	9.59
DHALESWARI	0.500	5.40	9.59
DHALESWARI	0.800	5.40	9.59
DHALESWARI	0.800	5.40	9.59
DHALESWARI	2.700	5.39	9.59
DHALESWARI	4.720	5.38	9.58
DHALESWARI	6.680	5.35	9.58
DHALESWARI	8.640	5.31	9.58
DHALESWARI	10.600	5.23	9.58
DHALESWARI	12.275	5.14	9.57
DHALESWARI	13.950	5.08	9.57
DHALESWARI	15.625	5.03	9.57
DHALESWARI	17.300	4.99	9.57
DHALESWARI	18.500	4.98	9.50
DHALESWARI	19.700	4.97	9.34
DHALESWARI	21.667	4.96	9.21
DHALESWARI	23.633	4.95	9.06
DHALESWARI	25.600	4.91	8.88
DHALESWARI	27.333	4.92	8.73
DHALESWARI	29.067	4.91	8.56
DHALESWARI	30.800	4.89	8.37
DHALESWARI	32.400	4.87	8.19
DHALESWARI	34.000	4.86	8.04
DHALESWARI	35.600	4.82	7.91
DHALESWARI	37.200	4.72	7.80
DHALESWARI	38.900	4.64	7.68
DHALESWARI	40.600	4.57	7.57
DHALESWARI	42.300	4.52	7.45
DHALESWARI	44.000	4.48	7.34
DHALESWARI	45.700	4.45	7.21
DHALESWARI	45.700	4.45	7.21
DHALESWARI	46.200	4.43	7.16
DHALESWARI	47.200	4.40	7.04
DHALESWARI	48.700	4.35	6.87
DHALESWARI	50.200	4.30	6.66
DHALESWARI	51.700	4.23	6.40
DHALESWARI	53.100	4.19	6.25
DHALESWARI	54.500	4.18	6.16
DHALESWARI	56.300	4.15	6.01
DHALESWARI	57.700	4.15	6.01
DHALESWARI	57.700	4.15	6.01
DHALESWARI	58.950	4.15	5.99
DHALESWARI	60.200	4.14	5.97
BANSI	0.000	5.68	9.85
BANSI	2.000	5.54	9.74
BANSI	3.867	5.47	9.67
BANSI	5.733	5.43	9.62
BANSI	7.600	5.40	9.58
BANSI	9.000	5.40	9.59
BURIGANGA	0.000	4.54	7.19
BURIGANGA	1.100	4.53	7.46
BURIGANGA	2.950	4.52	7.42
BURIGANGA	4.800	4.50	7.36
BURIGANGA	5.900	4.50	7.36
BURIGANGA	7.000	4.[redacted]	7.35

	Location	Minimum meter	Maximum meter
BURIGANGA	8.500	4.49	7.33
BURIGANGA	10.000	4.48	7.30
BURIGANGA	11.500	4.47	7.27
BURIGANGA	12.650	4.46	7.25
BURIGANGA	13.800	4.45	7.23
BURIGANGA	15.150	4.45	7.21
BURIGANGA	16.500	4.45	7.21
BURIGANGA	17.300	4.45	7.21
TURAG	0.000	5.91	8.66
TURAG	1.880	5.85	8.60
TURAG	3.760	5.77	8.55
TURAG	5.640	5.68	8.49
TURAG	7.520	5.58	8.42
TURAG	9.400	5.48	8.36
TURAG	10.750	5.41	8.31
TURAG	12.100	5.38	8.27
TURAG	13.000	5.33	8.23
TURAG	15.000	5.22	8.09
TURAG	15.000	5.22	8.09
TURAG	15.100	5.22	8.09
TURAG	16.200	5.21	8.08
TURAG	17.300	5.19	8.06
TURAG	18.700	5.18	8.06
TURAG	20.000	5.18	8.03
TURAG	21.250	5.17	8.05
TURAG	22.500	5.17	8.04
TURAG	24.050	5.15	8.01
TURAG	25.600	5.10	7.98
TURAG	27.000	5.08	7.95
TURAG	27.000	5.08	7.95
TURAG	27.300	5.08	7.90
TURAG	28.350	5.07	7.87
TURAG	29.400	4.94	7.79
TURAG	30.550	4.82	7.72
TURAG	31.700	4.75	7.68
TURAG	32.200	4.73	7.66
TURAG	33.967	4.64	7.60
TURAG	35.733	4.57	7.51
TURAG	37.500	4.51	7.49
LAKHYA	0.000	4.85	7.02
LAKHYA	1.150	4.80	6.96
LAKHYA	2.300	4.74	6.90
LAKHYA	3.600	4.67	6.83
LAKHYA	3.600	4.67	6.83
LAKHYA	5.033	4.59	6.72
LAKHYA	6.467	4.53	6.64
LAKHYA	7.900	4.48	6.57
LAKHYA	9.633	4.43	6.47
LAKHYA	11.367	4.37	6.38
LAKHYA	13.100	4.30	6.28
LAKHYA	15.050	4.25	6.20
LAKHYA	17.000	4.22	6.14
LAKHYA	18.950	4.19	6.10
LAKHYA	20.900	4.18	6.06
LAKHYA	22.400	4.16	6.04

	Location	Minimum meter	Maximum meter
LAKHYA	23.900	4.15	6.01
BALU	0.000	5.09	7.66
BALU	1.900	5.09	7.66
BALU	2.700	5.09	7.66
BALU	4.200	5.09	7.66
BALU	5.700	5.09	7.65
BALU	7.200	5.08	7.65
BALU	7.200	5.08	7.65
BALU	8.200	5.06	7.62
BALU	10.050	5.01	7.56
BALU	11.900	4.96	7.47
BALU	12.900	4.93	7.43
BALU	14.200	4.88	7.37
BALU	15.500	4.83	7.32
BALU	16.600	4.80	7.29
BALU	17.700	4.80	7.28
BALU	19.000	4.82	7.25
BALU	20.500	4.79	7.19
BALU	22.000	4.76	7.14
BALU	23.500	4.71	7.06
BALU	24.867	4.72	6.99
BALU	26.233	4.70	6.93
BALU	27.600	4.68	6.88
BALU	28.700	4.67	6.83
TONGI	0.000	5.22	8.09
TONGI	1.300	5.20	8.04
TONGI	3.000	5.19	8.01
TONGI	4.700	5.18	7.98
TONGI	6.400	5.18	7.95
TONGI	8.000	5.17	7.88
TONGI	8.300	5.17	7.87
TONGI	9.825	5.15	7.80
TONGI	11.350	5.13	7.75
TONGI	12.875	5.11	7.72
TONGI	14.400	5.10	7.69
TONGI	15.000	5.08	7.63
KARNATALI	0.000	5.39	9.59
KARNATALI	1.600	5.33	9.41
KARNATALI	3.200	5.28	9.24
KARNATALI	4.800	5.23	9.05
KARNATALI	6.400	5.18	8.84
KARNATALI	8.233	5.11	8.56
KARNATALI	10.067	5.11	8.26
KARNATALI	11.900	5.08	7.95

DISCHARGE,

	Location	Minimun m3/sec	Maximum m3/sec
DHALESWARI	0.250	1013.296	2666.020
DHALESWARI	0.650	1013.550	2663.982
DHALESWARI	1.780	362.112	1037.536
DHALESWARI	3.740	363.344	1021.138
DHALESWARI	5.700	364.889	1010.276
DHALESWARI	7.660	366.345	1010.276
DHALESWARI	9.620	260.401	1010.276
DHALESWARI	11.438	358.269	1010.276
DHALESWARI	13.113	386.051	1010.276
DHALESWARI	11.788	387.730	1010.276
DHALESWARI	16.463	88.877	1010.276
DHALESWARI	17.900	372.597	1010.682
DHALESWARI	18.100	1010.276	11671.208
DHALESWARI	20.680	1010.276	11672.789
DHALESWARI	22.650	1010.276	11671.111
DHALESWARI	24.617	1010.276	11671.324
DHALESWARI	26.167	1010.276	11674.155
DHALESWARI	28.200	1010.276	11671.621
DHALESWARI	29.933	1010.276	11671.612
DHALESWARI	31.600	1010.276	11671.090
DHALESWARI	33.200	1010.276	11673.057
DHALESWARI	34.800	1010.276	11673.589
DHALESWARI	36.400	1010.276	11675.945
DHALESWARI	38.050	1010.276	11676.392
DHALESWARI	39.750	1010.276	11677.027
DHALESWARI	41.150	1010.276	11677.233
DHALESWARI	43.150	1010.276	14707.915
DHALESWARI	44.850	1010.276	11710.971
DHALESWARI	45.950	1615.537	17408.068
DHALESWARI	46.700	1615.537	17400.348
DHALESWARI	47.950	1615.537	17397.887
DHALESWARI	49.150	1615.537	17401.760
DHALESWARI	50.950	1615.537	17403.902
DHALESWARI	52.400	1615.537	17402.266
DHALESWARI	53.800	1615.537	17402.310
DHALESWARI	55.400	1615.537	17405.396
DHALESWARI	57.000	1615.537	17401.209
DHALESWARI	58.325	3525.000	20763.648
DHALESWARI	59.575	3525.000	20762.773
BANSI	1.000	1003.204	2655.993
BANSI	2.933	1012.184	2675.963
BANSI	4.800	982.588	2673.764
BANSI	6.667	1006.332	2671.293
BANSI	8.300	1011.583	2667.801
BURIGANGA	0.550	605.261	2675.460
BURIGANGA	2.025	605.261	2685.943
BURIGANGA	3.875	605.261	2686.413
BURIGANGA	5.350	605.261	2686.933
BURIGANGA	6.450	605.261	2687.120
BURIGANGA	7.750	605.261	2688.951
BURIGANGA	9.250	605.261	2689.001
BURIGANGA	10.750	605.261	2689.075
BURIGANGA	12.075	605.261	2689.255
BURIGANGA	13.225	605.261	2689.500
BURIGANGA	14.475	605.261	2689.166

	Location	Minimum m3/sec	Maximum m3/sec
BURIGANGA	15.825	605.261	2691.013
BURIGANGA	17.000	605.261	2680.893
TURAG	0.940	311.177	1349.672
TURAG	2.820	313.507	1349.110
TURAG	4.700	345.564	1348.589
TURAG	6.580	355.318	1359.184
TURAG	8.460	356.992	1358.719
TURAG	10.075	358.355	1358.142
TURAG	11.425	359.737	1358.220
TURAG	12.550	360.743	1358.022
TURAG	14.300	361.060	1357.907
TURAG	15.050	227.112	728.780
TURAG	15.650	228.031	729.600
TURAG	16.750	228.698	730.270
TURAG	18.000	229.623	732.656
TURAG	19.350	231.164	737.288
TURAG	20.625	233.209	741.692
TURAG	21.875	234.309	715.236
TURAG	23.275	235.837	756.285
TURAG	24.825	236.716	755.164
TURAG	26.300	238.406	848.963
TURAG	27.150	605.261	2671.386
TURAG	27.825	605.261	2671.234
TURAG	28.875	605.261	2671.696
TURAG	29.975	605.261	2674.364
TURAG	31.125	605.261	2671.384
TURAG	31.950	605.261	2674.474
TURAG	33.083	605.261	2674.730
TURAG	34.850	605.261	2675.000
TURAG	36.617	605.261	2675.370
LAKHYA	0.575	1523.286	2573.633
LAKHYA	1.725	1523.879	2572.929
LAKHYA	2.950	1521.148	2572.210
LAKHYA	4.317	1750.580	3411.673
LAKHYA	5.750	1751.300	3410.910
LAKHYA	7.183	1752.077	3409.926
LAKHYA	8.767	1763.594	3464.688
LAKHYA	10.500	1764.661	3463.976
LAKHYA	12.233	1765.818	3463.461
LAKHYA	14.075	1770.387	3480.707
LAKHYA	16.025	1771.649	3480.429
LAKHYA	17.975	1773.305	3480.428
LAKHYA	19.925	1774.087	3480.394
LAKHYA	21.650	1776.877	3480.869
LAKHYA	23.150	1776.312	3481.032
BALU	0.950	30.177	87.555
BALU	2.300	30.389	89.391
BALU	3.450	30.734	91.556
BALU	4.950	30.852	94.385
BALU	6.450	29.115	96.993
BALU	7.700	79.463	728.959
BALU	9.125	79.463	729.136
BALU	10.975	79.463	729.363
BALU	12.400	79.463	736.544
BALU	13.550	79.463	736.758

	Location	Minimum m3/sec	Maximum m3/sec
BALU	11.850	79.463	737.011
BALU	16.050	79.463	748.523
BALU	17.150	79.463	748.755
BALU	18.350	79.463	773.943
BALU	19.750	79.463	771.152
BALU	21.250	79.463	768.474
BALU	22.750	79.463	765.333
BALU	24.183	79.463	811.527
BALU	25.550	79.463	810.143
BALU	26.917	79.463	811.787
BALU	28.150	79.463	810.687
TONGI	0.650	41.111	629.330
TONGI	2.150	41.463	629.229
TONGI	3.850	41.463	629.212
TONGI	5.550	41.463	629.243
TONGI	7.200	41.463	629.272
TONGI	8.150	41.463	629.116
TONGI	9.063	41.463	631.611
TONGI	10.588	41.463	631.690
TONGI	12.113	41.463	631.809
TONGI	13.638	41.463	633.536
TONGI	15.200	41.463	634.877
KARNATALI	0.800	232.538	1908.763
KARNATALI	2.400	231.721	1906.195
KARNATALI	4.000	231.724	1906.218
KARNATALI	5.600	231.724	1906.277
KARNATALI	7.317	231.724	1906.353
KARNATALI	9.150	231.721	1906.136
KARNATALI	10.983	231.724	1906.458

DATA FILE : RIVER1.RDF BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF CALCULATED : 11-JUN-1991, 10:45

HOURS:MIN	DHALESWARI 19.700	DHALESWARI 51.500	DHALESWARI 60.200	BANSI 0.000	BANSI 7.600
1988	WATER LEVEL, meter				
8- 1					
12: 0	4.97	4.82	4.82	5.68	5.40
8- 2					
12: 0	6.50	4.88	4.85	6.97	6.80
8- 3					
12: 0	6.60	4.90	4.87	7.06	6.83
8- 4					
12: 0	6.62	4.86	4.83	7.02	6.86
8- 5					
12: 0	6.58	4.79	4.75	6.98	6.85
8- 6					
12: 0	6.53	4.60	4.56	6.96	6.82
8- 7					
12: 0	6.50	4.54	4.50	6.94	6.78
8- 8					
12: 0	6.46	4.48	4.44	6.90	6.74
8- 9					
12: 0	6.43	4.50	4.47	6.86	6.71
8-10					
12: 0	6.42	4.57	4.54	6.85	6.70
8-11					
12: 0	6.42	4.51	4.48	6.86	6.70
8-12					
12: 0	6.44	4.53	4.49	6.89	6.73
8-13					
12: 0	6.42	4.56	4.53	6.86	6.70
8-14					
12: 0	6.43	4.60	4.57	6.87	6.71
8-15					
12: 0	6.45	4.66	4.63	6.89	6.73
8-16					
12: 0	6.48	4.69	4.66	6.91	6.75
8-17					
12: 0	6.50	4.74	4.71	6.94	6.77
8-18					
12: 0	6.55	4.83	4.80	6.98	6.81
8-19					
12: 0	6.59	4.86	4.83	7.02	6.85
8-20					
12: 0	6.64	4.90	4.87	7.06	6.90
8-21					
12: 0	6.67	4.89	4.85	7.10	6.93
8-22					
12: 0	6.71	4.92	4.88	7.16	6.98
8-23					
12: 0	6.74	4.93	4.89	7.19	7.00
8-24					
12: 0	6.77	4.97	4.93	7.21	7.03
8-25					
12: 0	6.81	5.04	5.00	7.25	7.07
8-26					
12: 0	6.88	5.07	5.03	7.33	7.13
8-27					
12: 0	7.00	5.21	5.20	7.45	7.25
8-28					
12: 0	7.25	5.44	5.40	7.70	7.48
8-29					
12: 0	7.53	5.63	5.57	8.05	7.78
8-30					
12: 0	7.79	5.79	5.72	8.33	8.04
8-31					
12: 0	8.07	5.92	5.84	8.64	8.33
9- 1					
12: 0	8.66	6.03	5.91	9.19	8.90
9- 2					
12: 0	9.09	6.11	5.95	9.61	9.34
9- 3					
12: 0	9.30	6.16	5.97	9.82	9.55
9- 4					
12: 0	9.34	6.15	5.95	9.85	9.58
9- 5					
12: 0	9.20	6.13	5.94	9.71	9.45
9- 6					
12: 0	9.10	6.10	5.92	9.62	9.35
9- 7					
12: 0	8.95	6.04	5.87	9.44	9.19
9- 8					
12: 0	8.78	5.98	5.83	9.26	9.02
9- 9					
12: 0	8.63	5.92	5.78	9.11	8.87
9-10					
12: 0	8.58	5.93	5.80	9.06	8.82
9-11					
12: 0	8.48	5.89	5.76	8.97	8.72
9-12					
12: 0	8.34	5.85	5.74	8.82	8.58
9-13					
12: 0	8.25	5.92	5.82	8.73	8.49
9-14					
12: 0	8.17	5.77	5.67	8.63	8.40
9-15					
12: 0	8.05	5.66	5.56	8.50	8.28
9-16					
12: 0	7.93	5.60	5.51	8.40	8.17
9-17					
12: 0	7.84	5.48	5.39	8.30	8.08
9-18					
12: 0	7.71	5.18	5.09	8.17	7.95
9-19					
12: 0	7.55	5.08	5.00	8.02	7.80
9-20					
12: 0	7.44	4.99	4.91	7.90	7.69
9-21					
12: 0	7.29	4.96	4.89	7.75	7.54
9-22					
12: 0	7.12	4.81	4.75	7.58	7.38
9-23					
12: 0	6.98	4.74	4.69	7.44	7.24
9-24					
12: 0	6.87	4.63	4.58	7.32	7.13

DATA FILE : RIVER1.RDF
RESULT FILE : RES-B7.RRF
BOUNDARY FILE: BOUND1.BSF
CALCULATED : 11-JUN-1991, 10:45

HOURS:MIN	DHALESWARI 19.700	DHALESWARI 54.500	DHALESWARI 60.200	BANSI 0.000	BANSI 7.600
9-25					
12: 0 9-26	6.76	4.54	4.49	7.20	7.03
12: 0 9-27	6.66	4.51	4.47	7.09	6.93
12: 0 9-28	6.57	4.50	4.46	6.98	6.84
12: 0 9-29	6.50	4.40	4.36	6.90	6.76
12: 0 9-30	6.41	4.29	4.25	6.79	6.67
12: 0	6.33	4.18	4.14	6.71	6.60

DATA FILE : RIVER1.RDF
RESULT FILE : RES-B7.RRF
BOUNDARY FILE: BOUND1.BSF
CALCULATED : 11-JUN-1991, 10:45

HOURS:MIN	BURIGANGA 7.000	BURIGANGA 16.500	TURAG 27.300	LAKHYA 2.300	BALU 0.000
1988 8- 1	WATER LEVEL, meter				
12: 0 8- 2	4.80	4.84	5.08	5.35	5.30
12: 0 8- 3	5.12	5.09	5.50	5.42	5.51
12: 0 8- 4	5.16	5.12	5.56	5.46	5.58
12: 0 8- 5	5.14	5.10	5.58	5.44	5.61
12: 0 8- 6	5.08	5.03	5.54	5.36	5.57
12: 0 8- 7	4.92	4.87	5.46	5.22	5.48
12: 0 8- 8	4.84	4.80	5.38	5.12	5.38
12: 0 8- 9	4.78	4.73	5.32	5.07	5.32
12: 0 8-10	4.78	4.74	5.29	5.08	5.29
12: 0 8-11	4.83	4.79	5.30	5.11	5.29
12: 0 8-12	4.80	4.75	5.31	5.09	5.32
12: 0 8-13	4.83	4.78	5.40	5.16	5.47
12: 0 8-14	4.84	4.80	5.37	5.14	5.40
12: 0 8-15	4.87	4.83	5.37	5.18	5.39
12: 0 8-16	4.92	4.88	5.39	5.23	5.40
12: 0 8-17	4.95	4.91	5.40	5.25	5.41
12: 0 8-18	5.00	4.96	5.44	5.31	5.46
12: 0 8-19	5.08	5.04	5.49	5.38	5.50
12: 0 8-20	5.12	5.08	5.54	5.42	5.54
12: 0 8-21	5.17	5.13	5.58	5.46	5.59
12: 0 8-22	5.17	5.13	5.60	5.45	5.61
12: 0 8-23	5.22	5.17	5.68	5.52	5.73
12: 0 8-24	5.25	5.19	5.73	5.55	5.79
12: 0 8-25	5.27	5.22	5.72	5.55	5.74
12: 0 8-26	5.33	5.29	5.75	5.60	5.76
12: 0 8-27	5.38	5.33	5.79	5.64	5.79

12: 0 8-28	5.51	5.49	5.90	5.78	5.89
12: 0 8-29	5.77	5.72	6.11	5.98	6.09
12: 0 8-30	6.04	5.97	6.45	6.25	6.47
12: 0 8-31	6.25	6.18	6.67	6.38	6.62
12: 0 9- 1	6.46	6.39	6.90	6.52	6.81
12: 0 9- 2	6.79	6.70	7.21	6.65	7.05
12: 0 9- 3	7.10	6.99	7.59	6.75	7.31
12: 0 9- 4	7.30	7.17	7.83	6.87	7.58
12: 0 9- 5	7.35	7.21	7.90	6.88	7.65
12: 0 9- 6	7.26	7.12	7.81	6.85	7.58
12: 0 9- 7	7.21	7.06	7.79	6.90	7.66
12: 0 9- 8	7.08	6.94	7.64	6.79	7.48
12: 0 9- 9	6.92	6.80	7.46	6.71	7.29
12: 0 9-10	6.81	6.69	7.36	6.69	7.26
12: 0 9-11	6.77	6.66	7.30	6.69	7.22
12: 0 9-12	6.72	6.60	7.26	6.68	7.22
12: 0 9-13	6.61	6.50	7.12	6.58	7.05
12: 0 9-14	6.57	6.48	7.04	6.59	6.96
12: 0 9-15	6.46	6.36	6.95	6.42	6.88
12: 0 9-16	6.32	6.22	6.82	6.38	6.77
12: 0 9-17	6.22	6.13	6.71	6.31	6.68
12: 0 9-18	6.10	6.01	6.62	6.23	6.62
12: 0 9-19	5.85	5.75	6.42	5.98	6.40
12: 0 9-20	5.68	5.59	6.25	5.83	6.22
12: 0 9-21	5.57	5.48	6.16	5.75	6.16
12: 0 9-22	5.47	5.39	6.05	5.67	6.04
12: 0 9-23	5.30	5.23	5.90	5.52	5.89
12: 0 9-24	5.18	5.12	5.76	5.43	5.75
12: 0	5.06	4.99	5.64	5.30	5.63

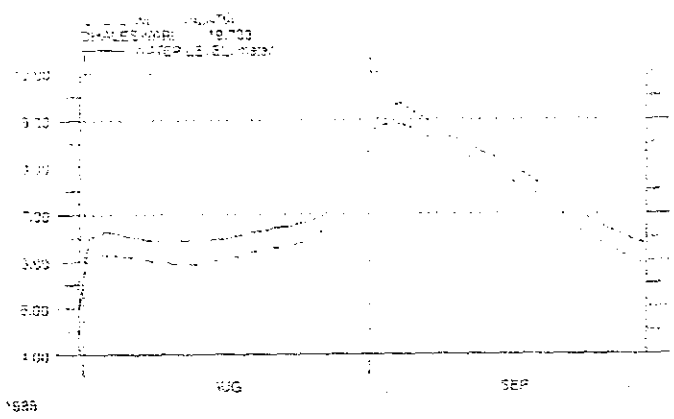
DATA FILE : RIVER1.RDF BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF CALCULATED : 11-JUN-1991, 10:45

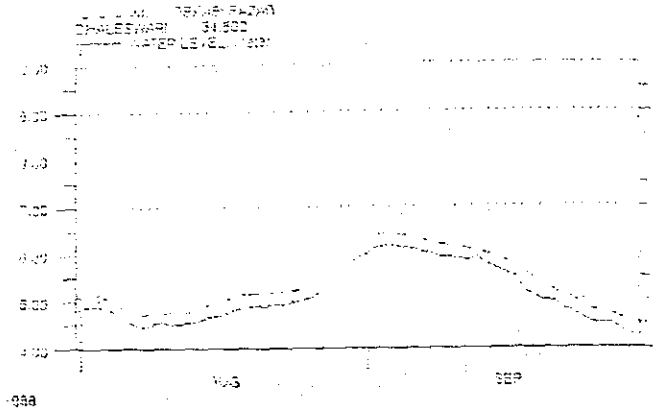
HOURS:MIN	BURIGANGA 7.000	BURIGANGA 16.500	TURAG 27.300	LAKHYA 2.300	BALU 0.000
9-25 12: 0	4.95	4.89	5.57	5.22	5.59
9-26 12: 0	4.88	4.82	5.47	5.13	5.46
9-27 12: 0	4.83	4.78	5.38	5.07	5.36
9-28 12: 0	4.73	4.68	5.29	4.96	5.27
9-29 12: 0 9-30	4.61	4.56	5.18	4.84	5.16
12: 0	4.49	4.44	5.10	4.74	5.09

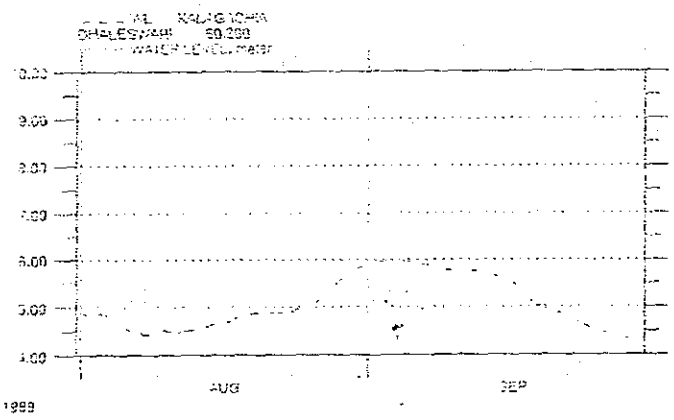
DATA FILE : RIVER1.RDF		BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF		CALCULATED : 11-JUN-1991, 10:15

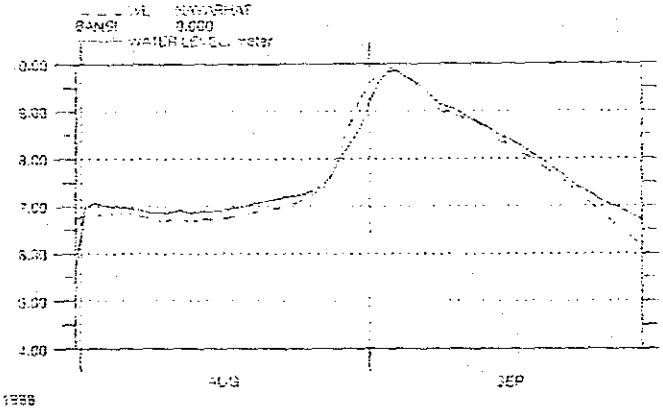
HOURS:MIN	BALU 27.600	TONGI 8.000
	WATER LEVEL, meter	
1988 8- 1 12: 0	5.28	5.33
8- 2 12: 0	5.35	5.55
8- 3 12: 0	5.39	5.62
8- 4 12: 0	5.37	5.66
8- 5 12: 0	5.30	5.63
8- 6 12: 0	5.15	5.54
8- 7 12: 0	5.06	5.45
8- 8 12: 0	5.00	5.39
8- 9 12: 0	5.01	5.36
8-10 12: 0	5.05	5.36
8-11 12: 0	5.03	5.38
8-12 12: 0	5.11	5.51
8-13 12: 0	5.08	5.47
8-14 12: 0	5.12	5.45
8-15 12: 0	5.16	5.46
8-16 12: 0	5.19	5.47
8-17 12: 0	5.24	5.51
8-18 12: 0	5.31	5.56
8-19 12: 0	5.36	5.60
8-20 12: 0	5.39	5.64
8-21 12: 0	5.39	5.67
8-22 12: 0	5.46	5.77
8-23 12: 0	5.49	5.84
8-24 12: 0	5.48	5.81
8-25 12: 0	5.54	5.82
8-26 12: 0	5.57	5.85
8-27 12: 0	5.91	6.15
8-28 12: 0	6.20	6.52
8-29 12: 0	6.32	6.72
8-30 12: 0	6.46	6.94
8-31 12: 0	6.59	7.22
9- 1 12: 0	6.71	7.32
9- 2 12: 0	6.83	7.80
9- 3 12: 0	6.85	7.88
9- 4 12: 0	6.81	7.80
9- 5 12: 0	6.88	7.83
9- 6 12: 0	6.75	7.67
9- 7 12: 0	6.66	7.48
9- 8 12: 0	6.64	7.41
9- 9 12: 0	6.64	7.36
9-10 12: 0	6.63	7.35
9-11 12: 0	6.53	7.18
9-12 12: 0	6.53	7.08
9-13 12: 0	6.42	7.00
9-14 12: 0	6.32	6.88
9-15 12: 0	6.25	6.78
9-16 12: 0	6.17	6.70
9-17 12: 0	5.91	6.50
9-18 12: 0	5.76	6.33
9-19 12: 0	5.69	6.25
9-20 12: 0	5.60	6.14
9-21 12: 0	5.45	5.99
9-22 12: 0	5.36	5.84
9-23 12: 0	5.23	5.72
9-24		

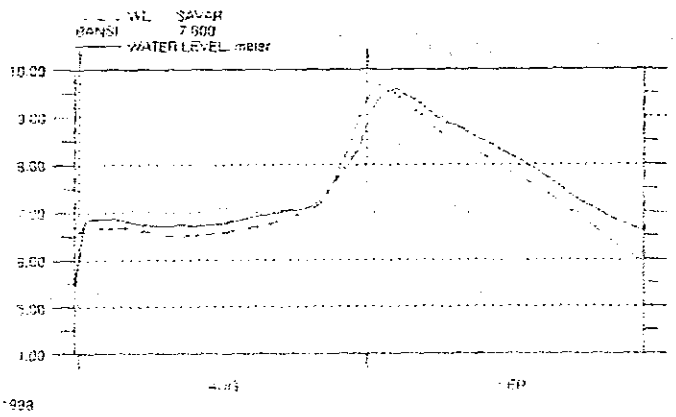
DATA FILE : RIVER1.RDF		BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF		CALCULATED : 11-JUN-1991, 10:15
	BALU	TONGI
HOURS:MIN	27.600	8.000
9-25		
12: 0	5.16	5.66
9-26		
12: 0	5.07	5.54
9-27		
12: 0	5.01	5.44
9-28		
12: 0	4.90	5.35
9-29		
12: 0	4.78	5.24
9-30		
12: 0	4.68	5.17

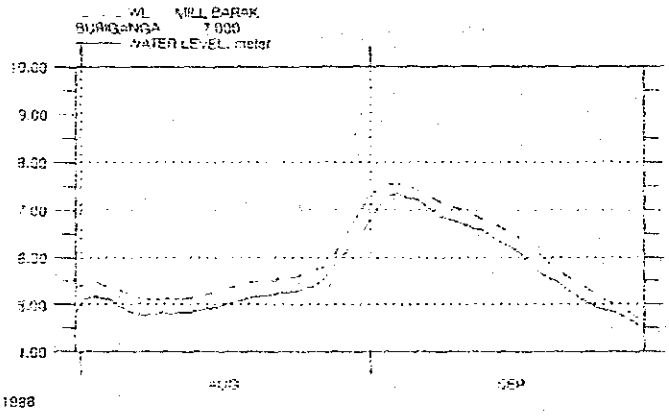

AUG
SEP
1998

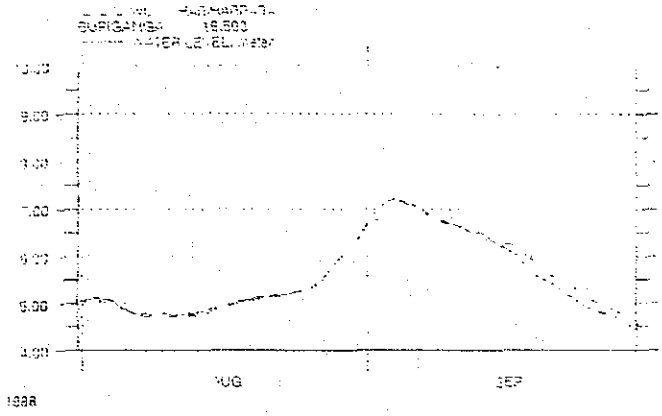

AUG
SEP
1998

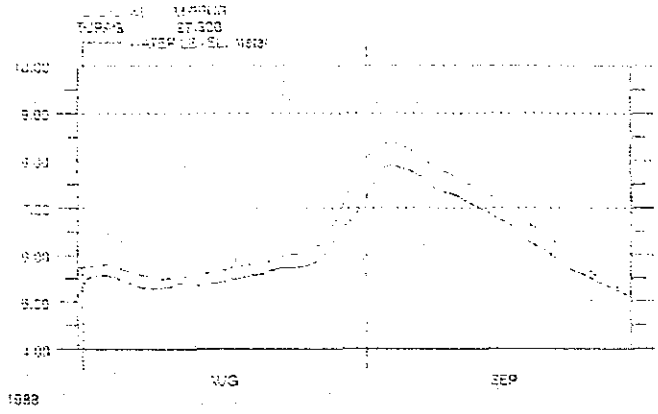

AUG
SEP
1998

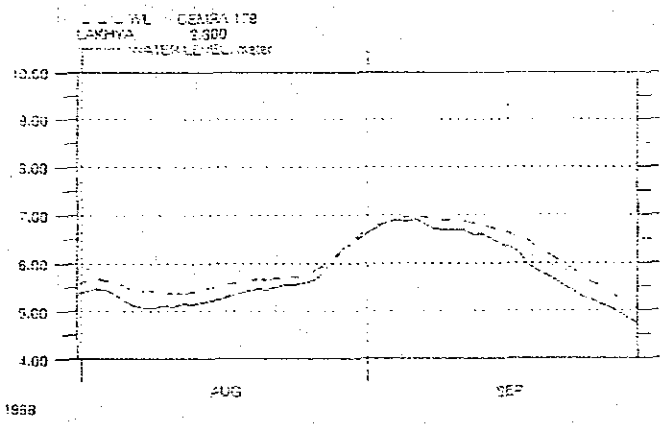

AUG
SEP
1998

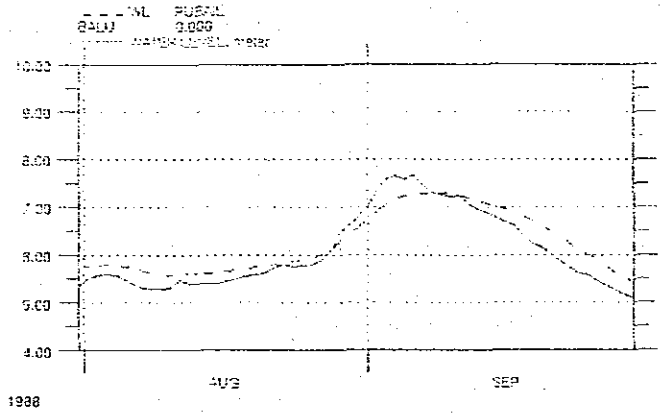

AUG
SEP
1998

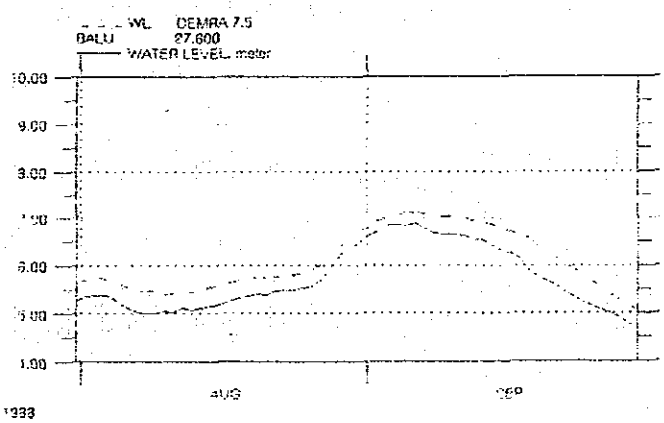

AUG
SEP
1998

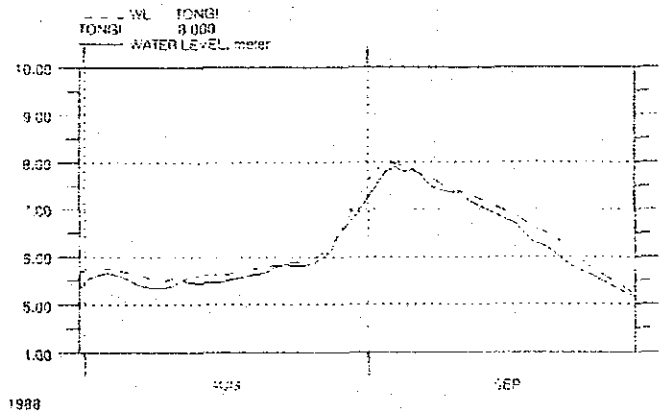

WL
WATER LEVEL meter
AUG
SEP
1988


WL
WATER LEVEL meter
AUG
SEP
1988


WL
LAKHYA 2.500
WATER LEVEL meter
10.00
9.00
8.00
7.00
6.00
5.00
4.00
AUG
SEP
1988


WL
BALU 3.000
WATER LEVEL meter
10.00
9.00
8.00
7.00
6.00
5.00
4.00
AUG
SEP
1988


WL DEMRA 7.5
BALU 27.600
WATER LEVEL meter
10.00
9.00
8.00
7.00
6.00
5.00
4.00
AUG
SEP
1988


WL TONGI
TONGI 8.000
WATER LEVEL meter
10.00
9.00
8.00
7.00
6.00
5.00
4.00
AUG
SEP
1988

DATA FILE : RIVER1.RDF
RESULT FILE : RES-B7.RRF

BOUNDARY FILE: BOUND1.BSF
CALCULATED : 11-JUN-1991, 10:45

HOURS:MIN	DHALESWARI 31.600	DHALESWARI 55.400	DHALESWARI 59.575	BANSI 1.000	BURIGANGA 7.750
1988	DISCHARGE, m3/sec				
8- 1					
12: 0	1010	1616	3525	1212	605.3
8- 2					
12: 0	4806	5649	7639	1180	907.1
8- 3					
12: 0	4956	5853	7873	1269	959.1
8- 4					
12: 0	4919	6006	8093	1249	1022
8- 5					
12: 0	4907	6017	8081	1284	1030
8- 6					
12: 0	4885	6101	8171	1299	1052
8- 7					
12: 0	4832	5883	7842	1288	999.0
8- 8					
12: 0	4716	5779	7719	1267	976.5
8- 9					
12: 0	4655	5581	7486	1235	936.9
8-10					
12: 0	4616	5474	7330	1214	906.3
8-11					
12: 0	4626	5641	7572	1216	955.4
8-12					
12: 0	4660	5777	7841	1208	1054
8-13					
12: 0	4619	5610	7552	1213	989.7
8-14					
12: 0	4618	5567	7527	1212	959.6
8-15					
12: 0	4652	5550	7494	1222	938.1
8-16					
12: 0	4700	5605	7561	1238	933.5
8-17					
12: 0	4742	5648	7630	1239	943.4
8-18					
12: 0	4813	5665	7646	1259	933.7
8-19					
12: 0	4913	5838	7855	1275	959.3
8-20					
12: 0	5023	5961	7994	1288	978.3
8-21					
12: 0	5134	6166	8237	1309	1019
8-22					
12: 0	5227	6334	8501	1325	1095
8-23					
12: 0	5286	6482	8693	1351	1149
8-24					
12: 0	5356	6429	8553	1372	1096
8-25					
12: 0	5434	6454	8568	1405	1075
8-26					
12: 0	5625	6668	88	1452	1088
8-27					
12: 0	6541	7426	9611	1654	1134
8-28					
12: 0	7338	8610	11181	1897	1430
8-29					
12: 0	8191	9534	12112	2133	1546
8-30					
12: 0	9204	10667	13362	2347	1697
8-31					
12: 0	11712	13205	16072	2505	1925
9- 1					
12: 0	13635	15606	18650	2611	2217
9- 2					
12: 0	14507	16978	20267	2656	2539
9- 3					
12: 0	14675	17405	20763	2629	2689
9- 4					
12: 0	14023	16781	20084	2586	2625
9- 5					
12: 0	13584	16388	19869	2511	2657
9- 6					
12: 0	12938	15638	18939	2420	2516
9- 7					
12: 0	12232	14683	17816	2317	2318
9- 8					
12: 0	11613	14037	17259	2224	2266
9- 9					
12: 0	11386	13625	16787	2223	2188
9-10					
12: 0	10966	13339	16577	2173	2206
9-11					
12: 0	10412	12582	15610	2111	2048
9-12					
12: 0	9982	11849	14763	2095	1877
9-13					
12: 0	9738	11780	14721	2017	1888
9-14					
12: 0	9316	11293	14177	1945	1829
9-15					
12: 0	8916	10771	13586	1909	1747
9-16					
12: 0	8623	10530	13375	1851	1737
9-17					
12: 0	8334	10307	13086	1797	1689
9-18					
12: 0	7836	9533	12123	1740	1556
9-19					
12: 0	7493	9152	11726	1677	1524
9-20					
12: 0	7004	8525	10944	1617	1426
9-21					
12: 0	6531	8056	10414	1547	1353
9-22					
12: 0	6149	7485	9734	1474	1245
9-23					
12: 0	5862	7170	9344	1401	1185
9-24					

DATA FILE : RIVER1.RDF			BOUNDARY FILE: BOUND1.BSF		
RESULT FILE : RES-B7.RRF			CALCULATED : 11-JUN-1991, 10:45		
HOURS:MIN	DHALESWARI 31.800	DHALESWARI 55.400	DHALESWARI 59.575	BANSI 1.000	BURIGANGA 7.750
9-25					
12: 0	5578	6881	9040	1330	1174
9-26					
12: 0	5313	6153	8472	1259	1081
9-27					
12: 0	5063	6105	8020	1193	1005
9-28					
12: 0	4907	5983	7855	1120	983.4
9-29					
12: 0	4705	5767	7576	1059	957.3
9-30					
12: 0	4536	5612	7100	1003	948.0

DATA FILE : RIVER1.RDF			BOUNDARY FILE: BOUND1.BSF		
RESULT FILE : RES-B7.RRF			CALCULATED : 11-JUN-1991, 10:45		
HOURS:MIN	TURAG 0.940	TURAG 18.000	LAKHYA 0.575	LAKHYA 11.075	BALU 0.950
1988	DISCHARGE, m3/sec				
8- 1					
12: 0	415.0	373.5	1830	1909	38.00
8- 2					
12: 0	413.0	215.5	1835	1981	37.92
8- 3					
12: 0	419.1	267.3	1862	2034	39.83
8- 4					
12: 0	429.2	283.9	1840	2072	40.78
8- 5					
12: 0	420.9	291.3	1814	2049	40.26
8- 6					
12: 0	416.0	289.3	1782	2042	40.44
8- 7					
12: 0	415.8	278.2	1735	1952	38.33
8- 8					
12: 0	401.2	267.4	1729	1933	37.19
8- 9					
12: 0	390.7	254.9	1724	1909	37.03
8-10					
12: 0	383.2	244.1	1698	1866	34.97
8-11					
12: 0	389.5	251.3	1703	1924	34.90
8-12					
12: 0	388.0	268.0	1698	2067	35.15
8-13					
12: 0	391.5	285.4	1714	1947	37.76
8-14					
12: 0	394.6	261.7	1735	1965	36.73
8-15					
12: 0	399.9	263.2	1766	1953	37.03
8-16					
12: 0	409.5	261.5	1787	1960	36.96
8-17					
12: 0	409.5	262.7	1808	1991	36.77
8-18					
12: 0	414.4	263.0	1835	1994	36.81
8-19					
12: 0	419.4	266.8	1851	2022	37.88
8-20					
12: 0	424.3	269.4	1856	2041	37.79
8-21					
12: 0	424.8	275.7	1856	2068	39.95
8-22					
12: 0	437.8	289.8	1862	2173	40.38
8-23					
12: 0	454.0	320.7	1878	2213	40.90
8-24					
12: 0	479.8	323.9	1888	2129	42.27
8-25					
12: 0	479.6	310.3	1904	2124	42.80
8-26					
12: 0	484.6	308.1	1947	2153	43.91
8-27					
12: 0	512.6	300.5	1995	2107	45.40

8-28					
12: 0	589.9	315.7	2077	2253	49.06
8-29					
12: 0	662.1	371.6	2176	2603	52.12
8-30					
12: 0	853.8	486.7	2271	2606	58.70
8-31					
12: 0	1003	547.1	2356	2717	63.02
9- 1					
12: 0	1133	552.3	2129	2382	67.71
9- 2					
12: 0	1221	577.9	2182	3054	72.94
9- 3					
12: 0	1335	663.1	2521	3293	77.77
9- 4					
12: 0	1350	729.6	2551	3356	82.08
9- 5					
12: 0	1293	732.7	2569	3298	85.61
9- 6					
12: 0	1239	723.4	2574	3481	85.20
9- 7					
12: 0	1156	717.8	2564	3288	87.55
9- 8					
12: 0	1093	649.0	2540	3159	86.61
9- 9					
12: 0	1022	624.2	2534	3206	86.00
9-10					
12: 0	1006	612.3	2540	3175	87.16
9-11					
12: 0	951.3	606.9	2517	3222	84.99
9-12					
12: 0	914.0	591.2	2495	3032	83.09
9-13					
12: 0	866.9	527.5	2471	2920	82.12
9-14					
12: 0	856.6	532.6	2443	2920	81.49
9-15					
12: 0	803.0	515.9	2402	2861	78.54
9-16					
12: 0	733.0	477.1	2362	2808	76.32
9-17					
12: 0	667.6	450.3	2323	2823	74.25
9-18					
12: 0	644.0	445.7	2290	2731	72.27
9-19					
12: 0	641.7	417.7	2200	2577	67.49
9-20					
12: 0	626.0	413.9	2150	2557	65.15
9-21					
12: 0	597.6	407.2	2083	2418	62.64
9-22					
12: 0	553.1	383.4	2013	2335	58.62
9-23					
12: 0	493.6	343.7	1958	2241	54.50
9-24					
12: 0	481.5	320.9	1883	2157	50.45

DATA FILE : RIVER1.RDF BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF CALCULATED : 11-JUN-1991, 10:55

HOURS:MIN	TURAG 0.940	TURAG 18.000	LAKHYA 0.575	LAKHYA 14.075	BALU 0.950
9-25					
12: 0	441.8	306.0	1819	2147	47.06
9-26					
12: 0	417.6	290.8	1766	2015	44.61
9-27					
12: 0	392.0	260.0	1698	1911	40.30
9-28					
12: 0	376.5	247.8	1636	1856	37.36
9-29					
12: 0	356.8	239.1	1579	1797	34.38
9-30					
12: 0	341.2	229.6	1523	1770	30.18

DATA FILE : RIVER1.RDF			BOUNDARY FILE: BOUND1.BSF
RESULT FILE : RES-B7.RRF			CALCULATED : 11-JUN-1991, 10:45
	BALU	TONGI	KARNATALI
HOURS:MIN	18.350	8.150	5.600
1988	DISCHARGE, m3/sec		
8- 1			
12: 0	79.46	41.46	231.7
8- 2			
12: 0	155.9	131.2	713.1
8- 3			
12: 0	176.5	138.7	711.1
8- 4			
12: 0	205.0	141.5	707.2
8- 5			
12: 0	211.6	148.1	700.6
8- 6			
12: 0	223.7	151.4	700.7
8- 7			
12: 0	205.8	155.2	697.2
8- 8			
12: 0	196.4	151.3	687.7
8- 9			
12: 0	184.4	143.5	677.7
8-10			
12: 0	173.9	141.4	673.3
8-11			
12: 0	196.0	138.1	672.6
8-12			
12: 0	260.3	114.0	671.0
8-13			
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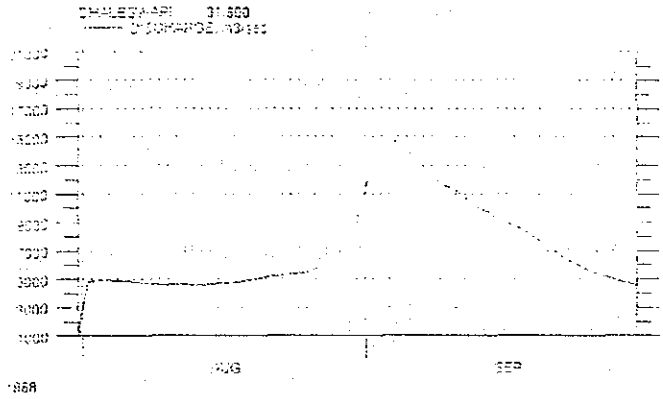
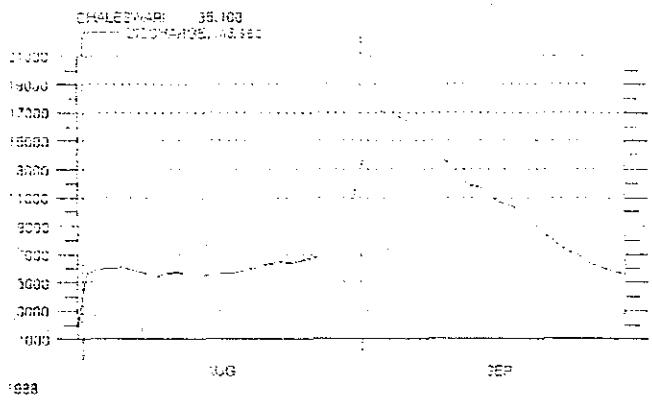
8-14			
12: 0	202.1	133.4	669.2
8-15			
12: 0	181.9	139.0	673.6
8-16			
12: 0	176.5	142.0	680.5
8-17			
12: 0	180.2	139.2	685.2
8-18			
12: 0	170.1	140.4	694.9
8-19			
12: 0	175.9	142.7	705.9
8-20			
12: 0	183.6	144.4	718.7
8-21			
12: 0	199.4	148.2	731.7
8-22			
12: 0	243.8	133.8	740.6
8-23			
12: 0	263.4	142.2	744.6
8-24			
12: 0	228.1	164.3	755.8
8-25			
12: 0	215.7	164.0	769.3
8-26			
12: 0	210.4	169.6	794.4
8-27			
12: 0	196.3	171.9	832.1
8-28			
12: 0	209.6	192.7	919.7
8-29			
12: 0	333.0	198.1	1021
8-30			
12: 0	346.3	292.8	1131
8-31			
12: 0	388.2	358.0	1260
9- 1			
12: 0	478.3	451.8	1573
9- 2			
12: 0	592.1	552.6	1811
9- 3			
12: 0	723.1	601.7	1901
9- 4			
12: 0	760.0	629.4	1906
9- 5			
12: 0	718.0	612.1	1820
9- 6			
12: 0	773.9	542.0	1755
9- 7			
12: 0	684.1	540.3	1676
9- 8			
12: 0	605.5	500.1	1599
9- 9			
12: 0	605.0	441.5	1519
9-10			
12: 0	579.3	424.7	1495
9-11			
12: 0	596.9	392.6	1437
9-12			
12: 0	514.0	393.6	1376
9-13			
12: 0	452.4	363.9	1333
9-14			
12: 0	453.7	331.5	1299
9-15			
12: 0	435.0	334.4	1248
9-16			
12: 0	414.4	302.4	1203
9-17			
12: 0	423.4	269.6	1166
9-18			
12: 0	391.7	274.1	1132
9-19			
12: 0	353.2	260.6	1076
9-20			
12: 0	356.9	241.0	1029
9-21			
12: 0	320.6	236.2	965.6
9-22			
12: 0	300.4	219.9	903.1
9-23			
12: 0	270.1	198.8	855.2
9-24			
12: 0	256.0	189.1	819.9

DATA FILE : RIVER1.RDF			BOUNDARY FILE: BOUND1.BSF	
RESULT FILE : RES-B7.RRF			CALCULATED : 11-JUN-1991, 10:15	
	BALU	TONGI	KARNATALI	
HOURS:MIN	18.350	8.150	5.600	
9-25				
12: 0	271.9	168.9	782.2	
9-26				
12: 0	235.2	168.3	749.7	
9-27				
12: 0	209.8	159.3	721.5	
9-28				
12: 0	201.9	153.5	701.1	
9-29				
12: 0	199.6	146.7	675.8	
9-30				
12: 0	206.6	136.2	656.6	


AUG
SEP
1988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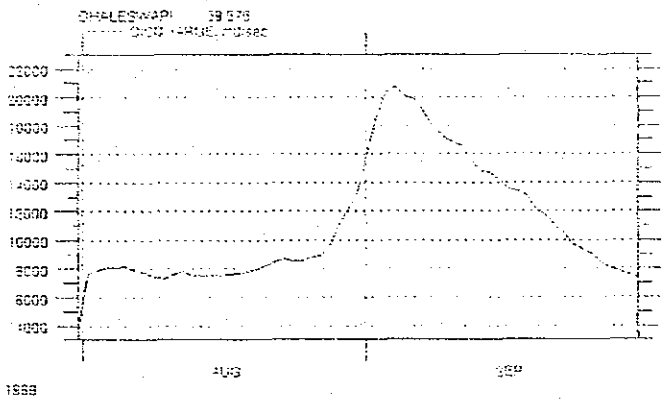
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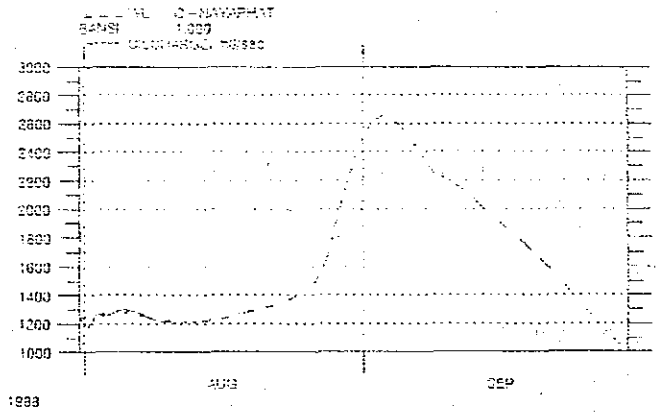
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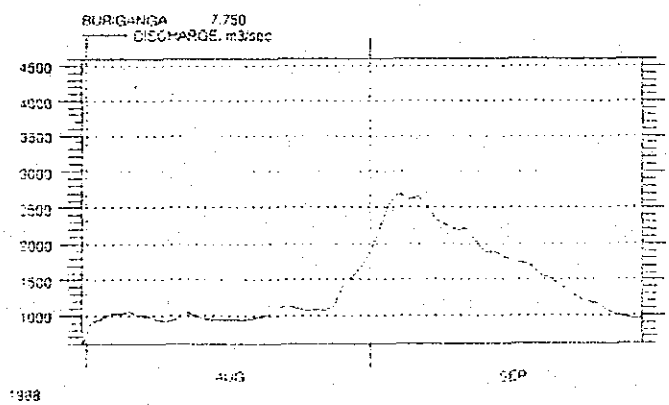
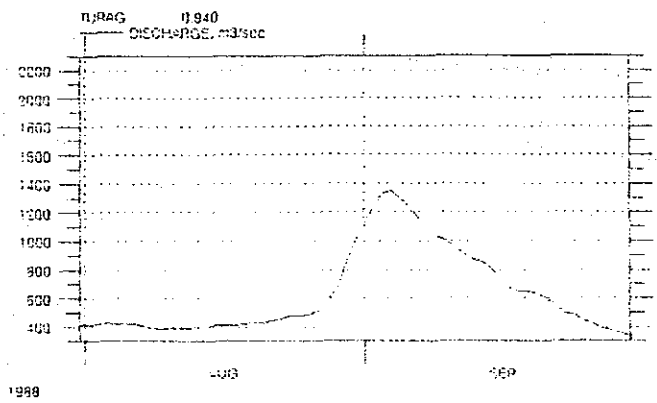
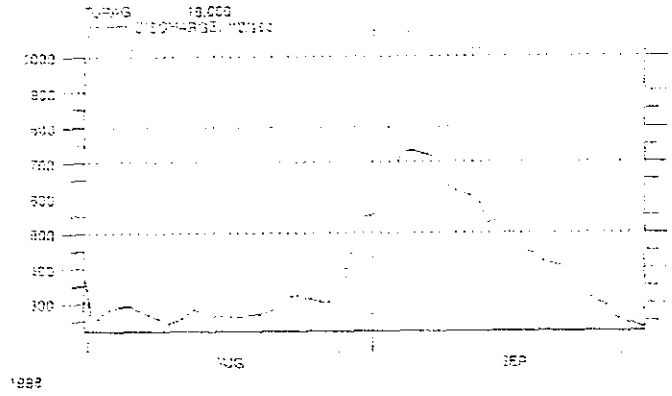
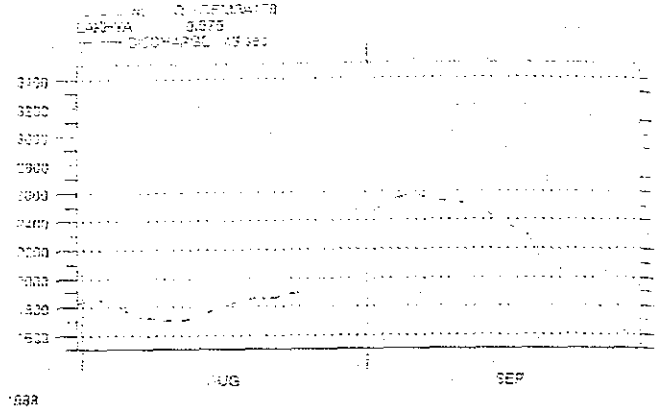
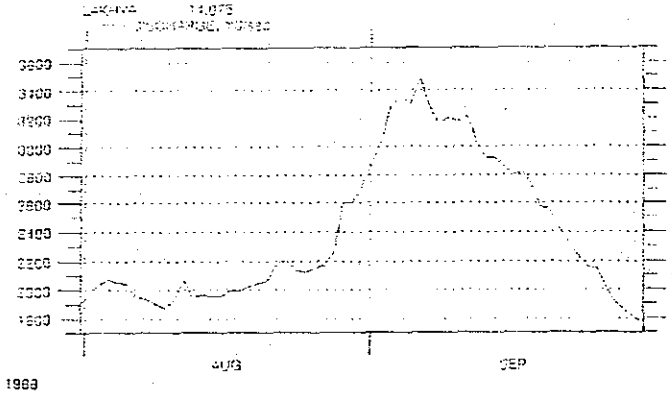
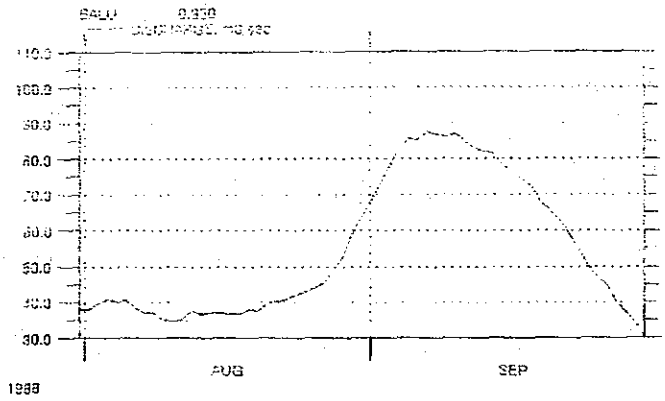

BURIGANGA 7.750
DISCHARGE, m3/sec
AUG
SEP
1988

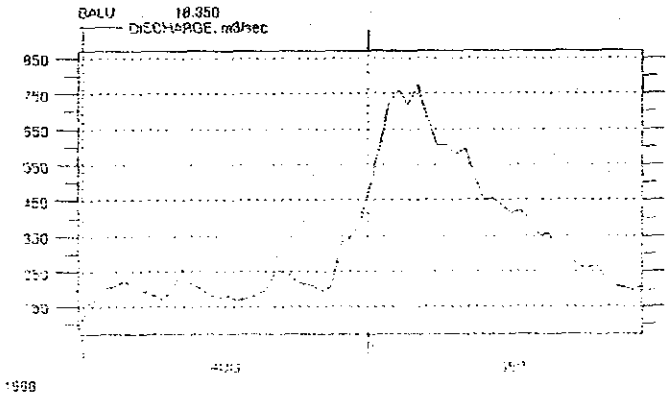

DISCHARGE, m3/sec
AUG
SEP
1988

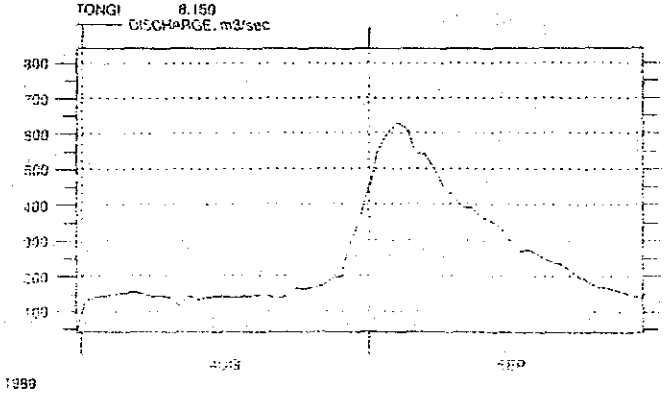


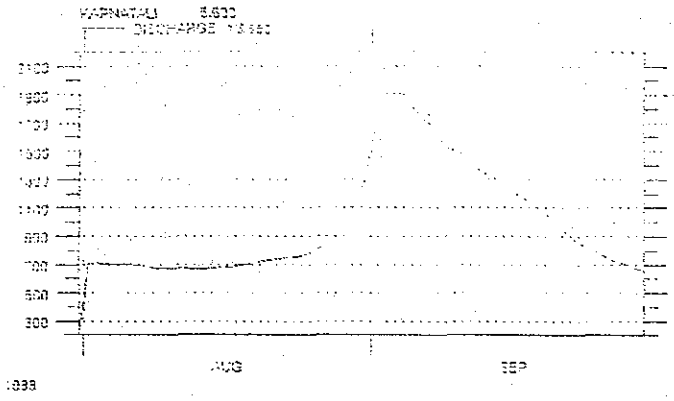




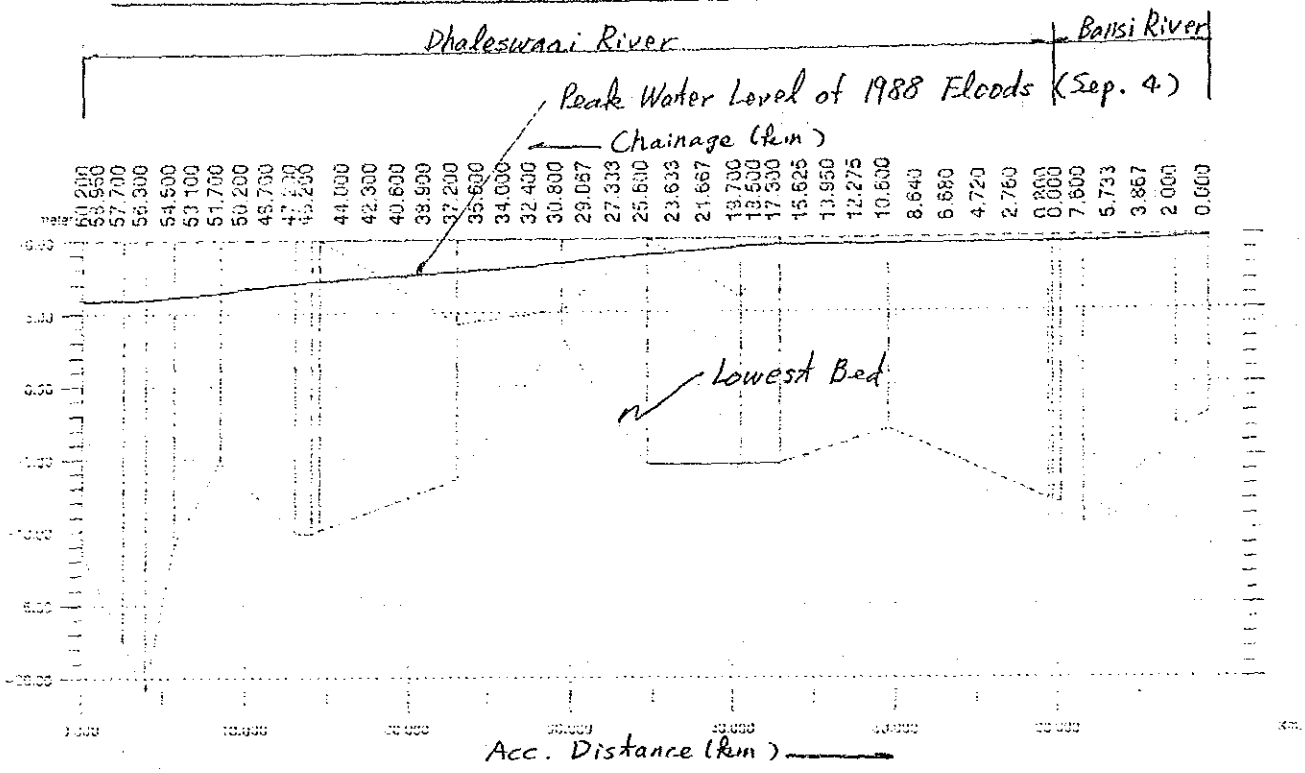

BALU 0.850
AUG
SEP
1988


BALU 18.350
DISCHARGE, m3/sec
950
750
550
350
150
1988

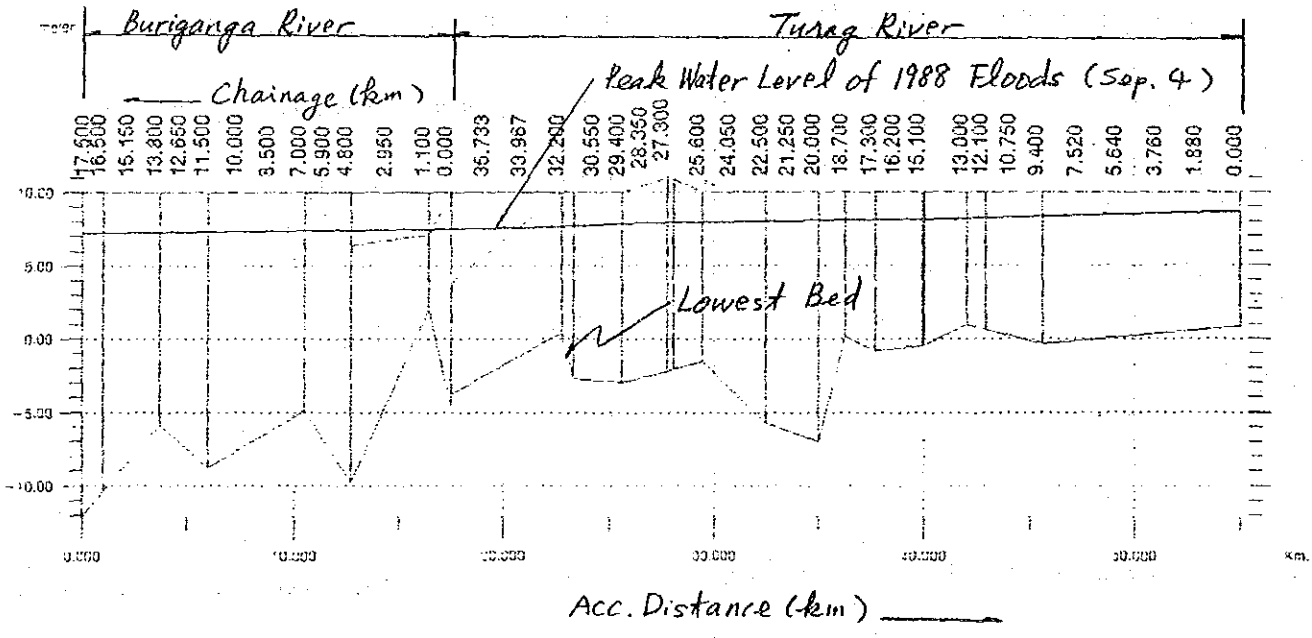

TONGI 8.150
DISCHARGE, m3/sec
800
700
600
500
400
300
200
100
1989


AUG
SEP

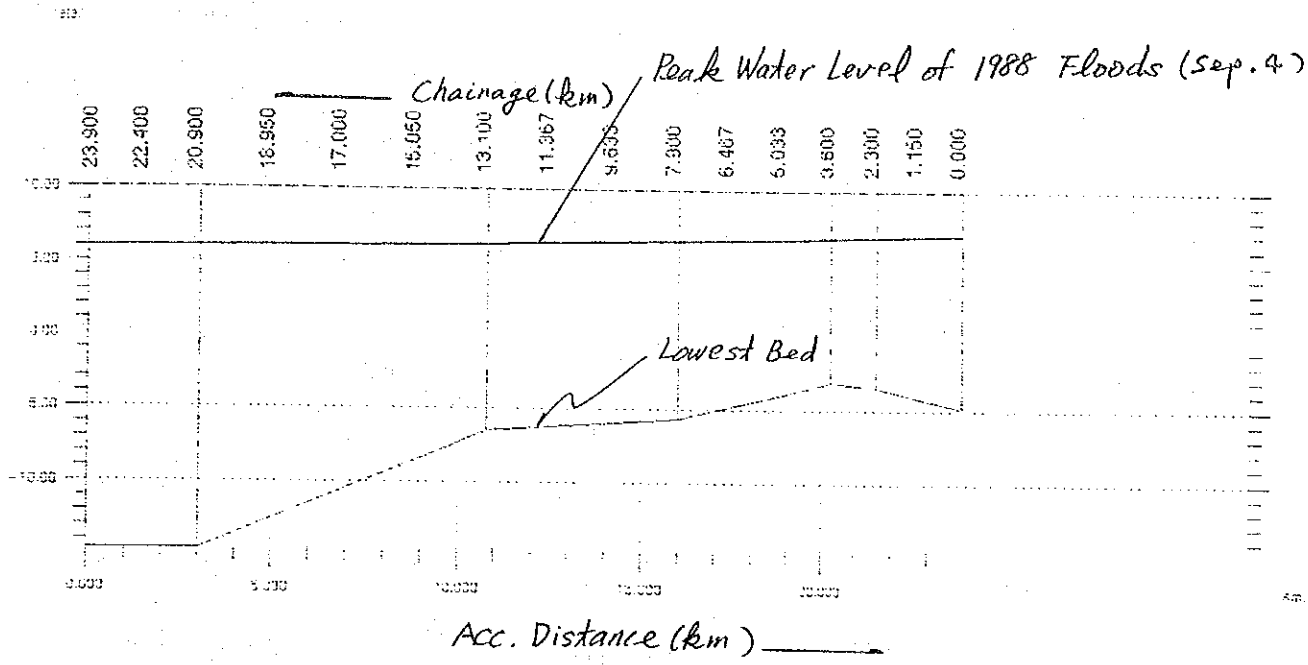
Dhaleswari River and Bansi River



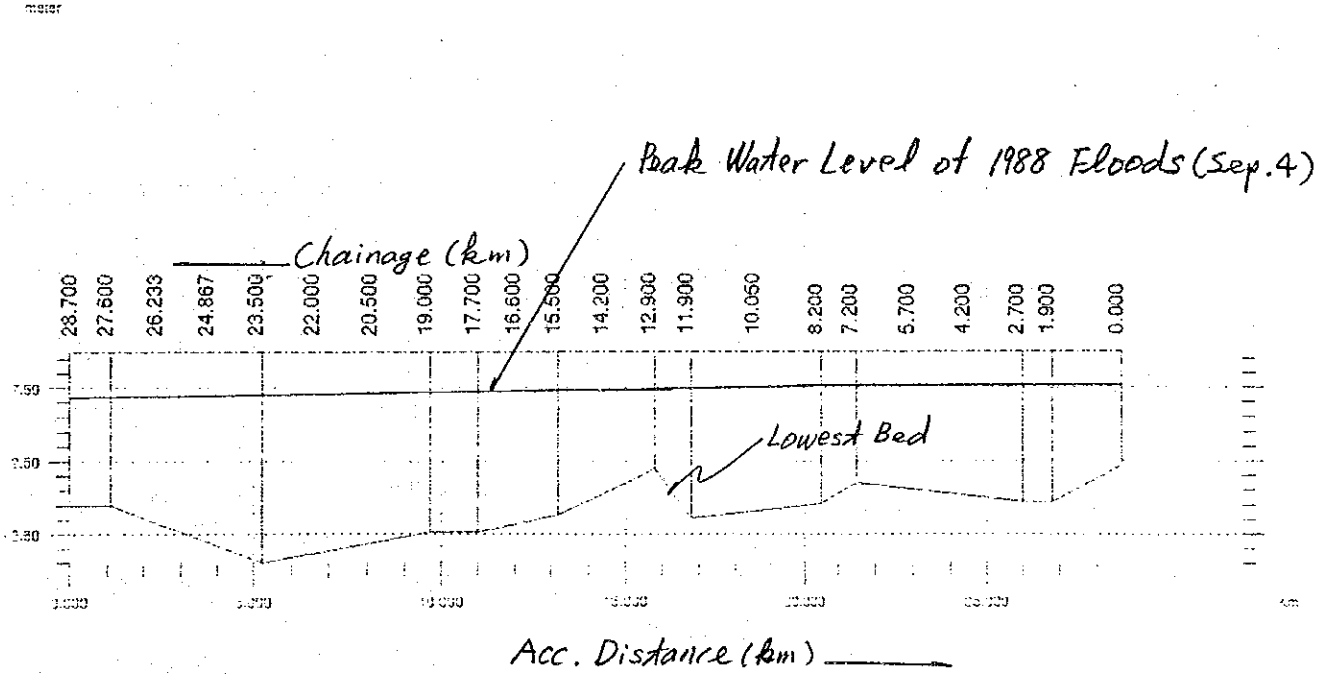
Buriganga River and Turag River



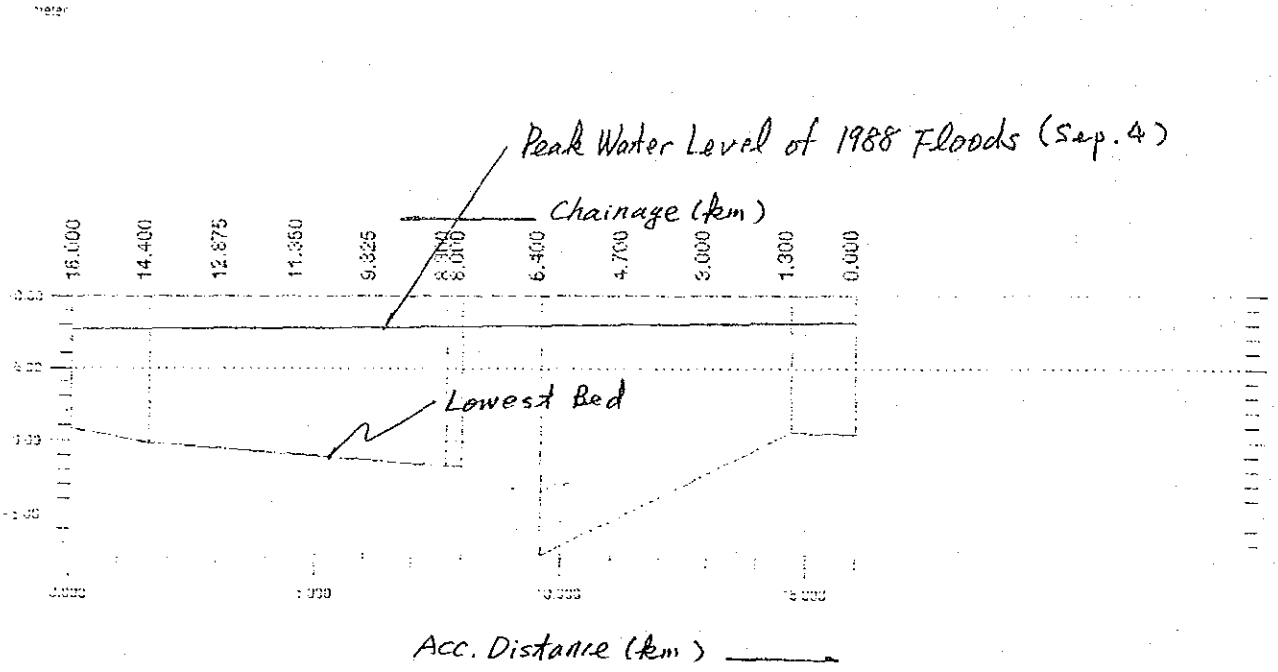
Lakhya River



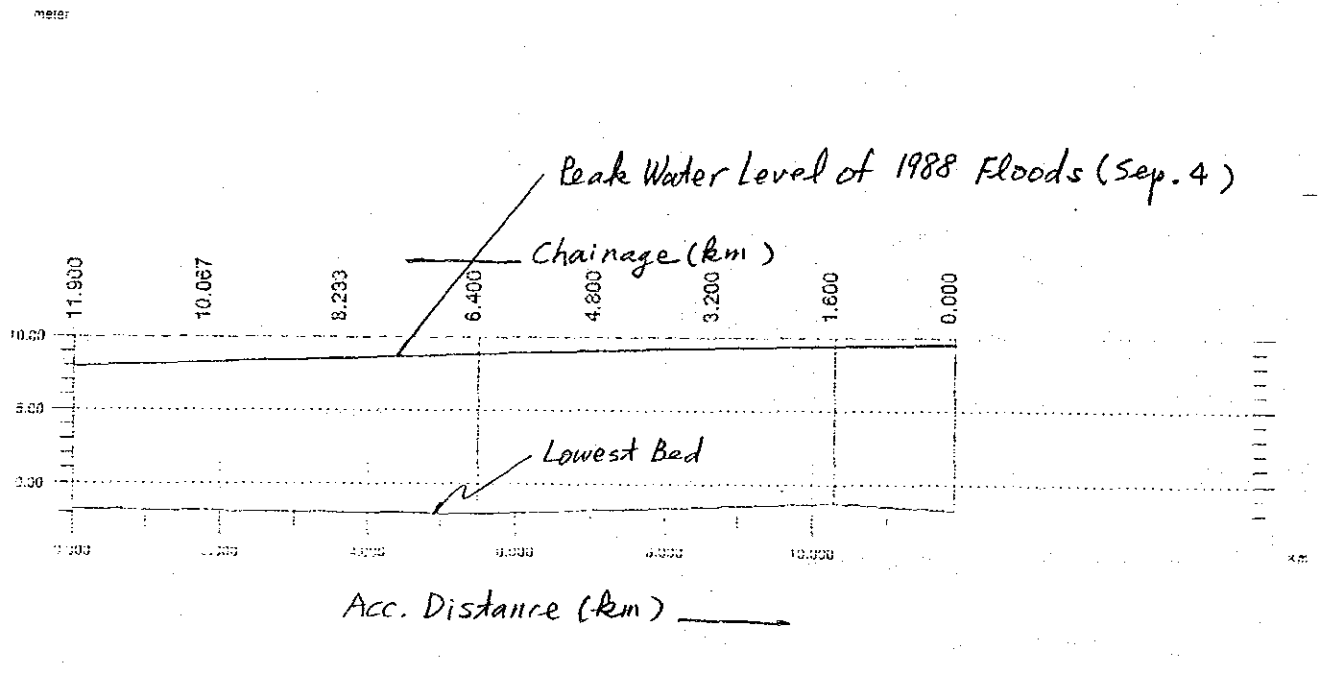
Balu River



Tongi Khal



Karnatali River



GRID POINT RESULT SUMMARY

VELOCITY,

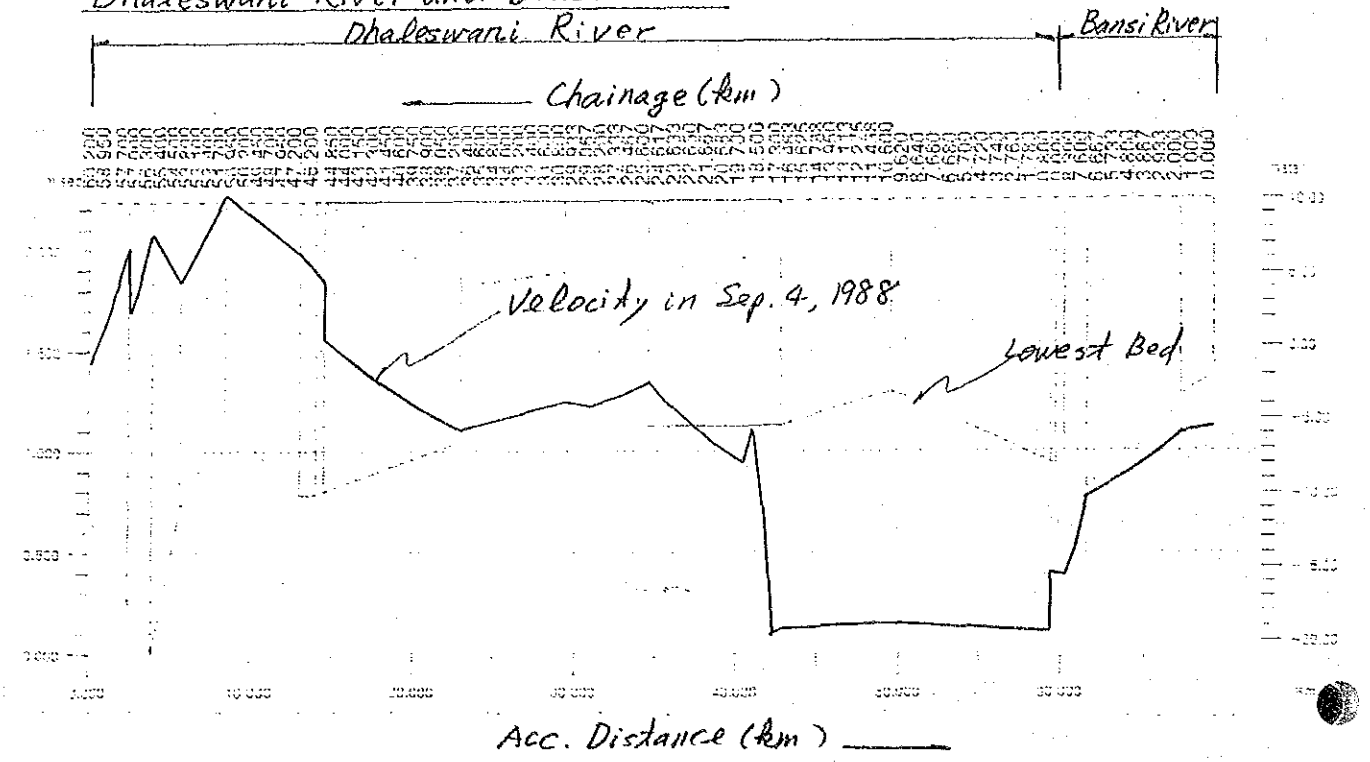
	Location	Minimum m/sec	Maximum m/sec
DHALESWARI	0.000	0.000	0.122
DHALESWARI	0.250	0.000	0.122
DHALESWARI	0.300	0.000	0.122
DHALESWARI	0.650	0.000	0.121
DHALESWARI	0.800	0.000	0.126
DHALESWARI	0.800	0.000	0.192
DHALESWARI	1.780	0.000	0.198
DHALESWARI	2.760	0.000	0.201
DHALESWARI	3.710	0.000	0.210
DHALESWARI	1.720	0.000	0.217
DHALESWARI	5.700	0.000	0.225
DHALESWARI	6.680	0.000	0.234
DHALESWARI	7.660	0.000	0.244
DHALESWARI	8.610	0.000	0.256
DHALESWARI	9.620	0.000	0.268
DHALESWARI	10.600	0.000	0.285
DHALESWARI	11.138	0.000	0.280
DHALESWARI	12.275	0.000	0.273
DHALESWARI	13.113	0.000	0.265
DHALESWARI	13.950	0.000	0.258
DHALESWARI	14.788	0.000	0.250
DHALESWARI	15.625	0.000	0.242
DHALESWARI	16.463	0.000	0.234
DHALESWARI	17.300	0.000	0.226
DHALESWARI	17.900	0.000	0.197
DHALESWARI	18.500	0.000	0.711
DHALESWARI	19.100	0.000	1.158
DHALESWARI	19.700	0.000	1.013
DHALESWARI	20.683	0.000	1.011
DHALESWARI	21.667	0.000	1.049
DHALESWARI	22.650	0.000	1.109
DHALESWARI	23.633	0.000	1.177
DHALESWARI	24.617	0.000	1.253
DHALESWARI	25.600	0.000	1.339
DHALESWARI	26.467	0.000	1.300
DHALESWARI	27.333	0.000	1.264
DHALESWARI	28.200	0.000	1.244
DHALESWARI	29.067	0.000	1.220
DHALESWARI	29.933	0.000	1.233
DHALESWARI	30.800	0.000	1.334
DHALESWARI	31.600	0.000	1.293
DHALESWARI	32.100	0.000	1.255
DHALESWARI	33.200	0.000	1.195
DHALESWARI	34.000	0.000	1.170
DHALESWARI	34.800	0.000	1.152
DHALESWARI	35.600	0.000	1.135
DHALESWARI	36.400	0.000	1.117
DHALESWARI	37.200	0.000	1.100
DHALESWARI	38.050	0.000	1.136
DHALESWARI	38.900	0.000	1.174
DHALESWARI	39.750	0.000	1.213
DHALESWARI	40.600	0.000	1.254
DHALESWARI	41.450	0.000	1.297
DHALESWARI	42.300	0.000	1.344
DHALESWARI	43.150	0.000	1.393
DHALESWARI	44.000	0.000	1.444
DHALESWARI	44.850	0.000	1.498
DHALESWARI	45.700	0.000	1.556
DHALESWARI	45.700	0.000	1.841
DHALESWARI	45.950	0.000	1.864
DHALESWARI	46.200	0.000	1.887
DHALESWARI	46.700	0.000	1.934
DHALESWARI	47.200	0.000	1.983
DHALESWARI	47.950	0.000	2.023
DHALESWARI	48.700	0.000	2.063
DHALESWARI	49.150	0.000	2.109
DHALESWARI	50.200	0.000	2.157
DHALESWARI	50.950	0.000	2.212
DHALESWARI	51.700	0.000	2.270
DHALESWARI	52.100	0.000	2.150
DHALESWARI	53.100	0.000	2.012
DHALESWARI	53.300	0.000	1.926
DHALESWARI	54.300	0.000	1.910
DHALESWARI	55.100	0.000	1.953
DHALESWARI	56.300	0.000	2.081
DHALESWARI	57.000	0.000	1.860
DHALESWARI	57.700	0.000	1.682
DHALESWARI	57.700	0.000	2.000
DHALESWARI	58.325	0.000	1.803
DHALESWARI	58.950	0.000	1.087
DHALESWARI	59.575	0.000	1.553
DHALESWARI	60.200	0.000	1.112
BANSI	0.000	0.000	1.211
BANSI	1.000	0.000	1.193
BANSI	2.000	0.000	1.173
BANSI	2.933	0.000	1.091
BANSI	3.867	0.000	1.020
BANSI	4.800	0.000	0.955
BANSI	5.733	0.000	0.897
BANSI	6.667	0.000	0.845
BANSI	7.600	0.000	0.798
BANSI	8.300	0.000	0.553
BANSI	9.000	0.000	0.422
BURIGANGA	0.000	0.000	0.712
BURIGANGA	0.550	0.000	0.675
BURIGANGA	1.100	0.000	0.646
BURIGANGA	2.025	0.000	0.688
BURIGANGA	2.950	0.000	0.730
BURIGANGA	3.875	0.000	0.813
BURIGANGA	4.800	0.000	0.918
BURIGANGA	5.350	0.000	0.793
BURIGANGA	5.900	0.000	0.697
BURIGANGA	6.450	0.000	0.618
BURIGANGA	7.000	0.000	0.556
BURIGANGA	7.750	0.000	0.575
BURIGANGA	8.500	0.000	0.596
BURIGANGA	9.250	0.000	0.618
BURIGANGA	10.000	0.000	0.641
BURIGANGA	10.750	0.000	0.665
BURIGANGA	11.500	0.000	0.691

	Location	Minimum m/sec	Maximum m/sec
BURIGANGA	12.075	0.000	0.699
BURIGANGA	12.650	0.000	0.708
BURIGANGA	13.225	0.000	0.711
BURIGANGA	13.800	0.000	0.721
BURIGANGA	14.475	0.000	0.636
BURIGANGA	15.150	0.000	0.569
BURIGANGA	15.825	0.000	0.518
BURIGANGA	16.500	0.000	0.475
BURIGANGA	17.000	0.000	0.273
BURIGANGA	17.500	0.000	0.192
TURAG	0.000	0.000	0.187
TURAG	0.940	0.000	0.192
TURAG	1.880	0.000	0.197
TURAG	2.820	0.000	0.502
TURAG	3.760	0.000	0.508
TURAG	4.700	0.000	0.515
TURAG	5.640	0.000	0.525
TURAG	6.580	0.000	0.535
TURAG	7.520	0.000	0.544
TURAG	8.460	0.000	0.552
TURAG	9.400	0.000	0.561
TURAG	10.075	0.000	0.547
TURAG	10.750	0.000	0.534
TURAG	11.425	0.000	0.524
TURAG	12.100	0.000	0.516
TURAG	12.550	0.000	0.592
TURAG	13.000	0.000	0.701
TURAG	14.000	0.000	0.766
TURAG	15.000	0.000	0.845
TURAG	15.000	0.000	0.462
TURAG	15.050	0.000	0.468
TURAG	15.100	0.000	0.474
TURAG	15.650	0.000	0.414
TURAG	16.200	0.000	0.368
TURAG	16.750	0.000	0.361
TURAG	17.300	0.000	0.355
TURAG	18.000	0.000	0.281
TURAG	18.700	0.000	0.233
TURAG	19.350	0.000	0.203
TURAG	20.000	0.000	0.180
TURAG	20.625	0.000	0.218
TURAG	21.250	0.000	0.273
TURAG	21.875	0.000	0.320
TURAG	22.500	0.000	0.386
TURAG	23.275	0.000	0.436
TURAG	24.050	0.000	0.499
TURAG	24.825	0.000	0.565
TURAG	25.600	0.000	0.683
TURAG	26.300	0.000	0.610
TURAG	27.000	0.000	0.551
TURAG	27.000	0.000	1.719
TURAG	27.150	0.000	1.741
TURAG	27.300	0.000	1.762
TURAG	27.825	0.000	1.434
TURAG	28.350	0.000	1.209

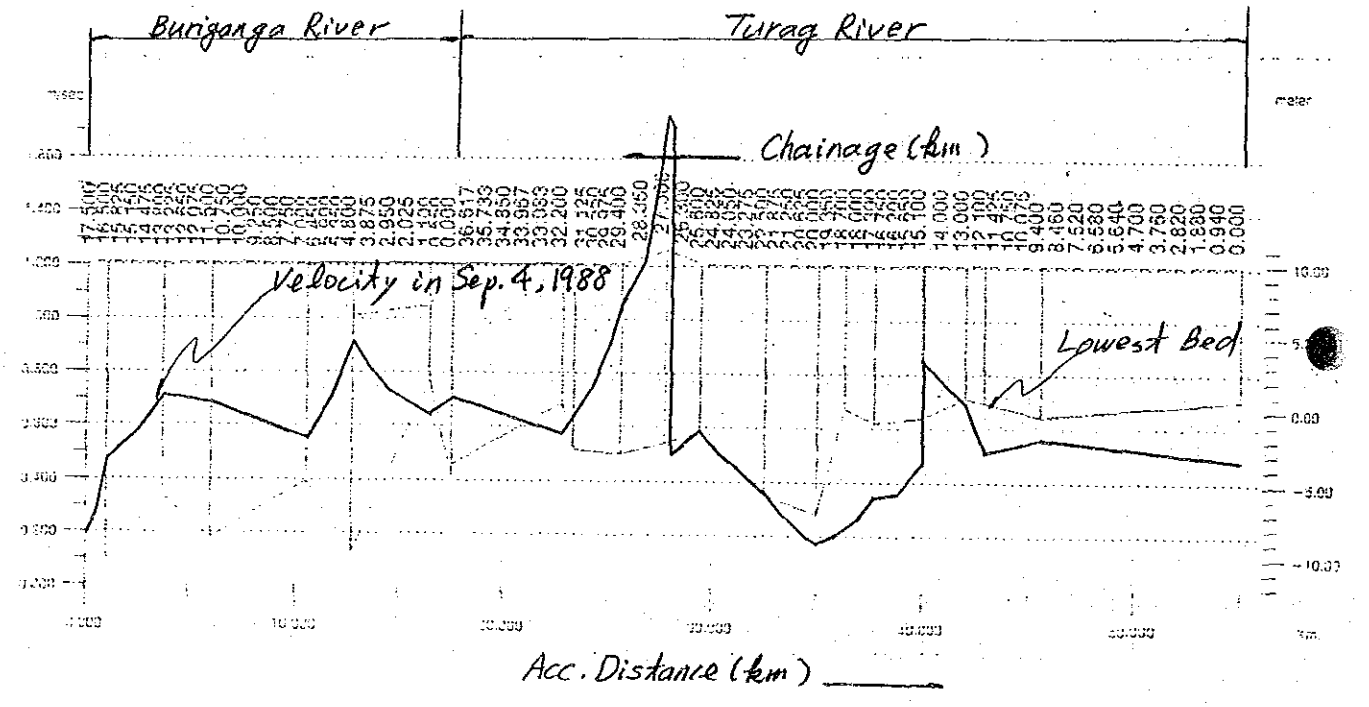
	Location	Minimum m/sec	Maximum m/sec
TURAG	28.875	0.000	1.130
TURAG	29.400	0.000	1.199
TURAG	29.975	0.000	0.987
TURAG	30.550	0.000	0.838
TURAG	31.125	0.000	0.712
TURAG	31.700	0.000	0.633
TURAG	31.950	0.000	0.600
TURAG	32.200	0.000	0.574
TURAG	33.083	0.000	0.595
TURAG	33.967	0.000	0.619
TURAG	34.850	0.000	0.642
TURAG	35.733	0.000	0.666
TURAG	36.617	0.000	0.688
TURAG	37.500	0.000	0.712
LAKHYA	0.000	0.000	0.906
LAKHYA	0.575	0.000	0.929
LAKHYA	1.150	0.000	0.953
LAKHYA	1.725	0.000	0.962
LAKHYA	2.300	0.000	0.972
LAKHYA	2.950	0.000	0.984
LAKHYA	3.600	0.000	0.996
LAKHYA	3.600	0.000	1.273
LAKHYA	4.317	0.000	1.219
LAKHYA	5.033	0.000	1.169
LAKHYA	5.750	0.000	1.122
LAKHYA	6.467	0.000	1.078
LAKHYA	7.183	0.000	1.037
LAKHYA	7.900	0.000	1.006
LAKHYA	8.767	0.000	1.031
LAKHYA	9.633	0.000	1.048
LAKHYA	10.500	0.000	1.066
LAKHYA	11.367	0.000	1.086
LAKHYA	12.233	0.000	1.108
LAKHYA	13.100	0.000	1.132
LAKHYA	14.075	0.000	1.078
LAKHYA	15.050	0.000	1.023
LAKHYA	16.025	0.000	0.980
LAKHYA	17.000	0.000	0.939
LAKHYA	17.975	0.000	0.907
LAKHYA	18.950	0.000	0.878
LAKHYA	19.925	0.000	0.852
LAKHYA	20.900	0.000	0.828
LAKHYA	21.650	0.000	0.829
LAKHYA	22.400	0.000	0.831
LAKHYA	23.150	0.000	0.833
LAKHYA	23.900	0.000	0.834
BALU	0.000	0.000	0.158
BALU	0.950	0.000	0.126
BALU	1.900	0.000	0.108
BALU	2.300	0.000	0.096
BALU	2.700	0.000	0.086
BALU	3.450	0.000	0.090
BALU	4.200	0.000	0.094
BALU	4.950	0.000	0.098
BALU	5.700	0.000	0.102

	Location	Minimun m/sec	Maximum m/sec
BALU	6.150	0.000	0.108
BALU	7.200	0.000	0.111
BALU	7.200	0.000	0.729
BALU	7.700	0.000	0.646
BALU	8.200	0.000	0.578
BALU	9.125	0.000	0.619
BALU	10.050	0.000	0.667
BALU	10.975	0.000	0.727
BALU	11.900	0.000	0.802
BALU	12.400	0.000	0.727
BALU	12.900	0.000	0.662
BALU	13.550	0.000	0.639
BALU	14.200	0.000	0.617
BALU	14.850	0.000	0.628
BALU	15.500	0.000	0.645
BALU	16.050	0.000	0.576
BALU	16.600	0.000	0.517
BALU	17.150	0.000	0.166
BALU	17.700	0.000	0.427
BALU	18.350	0.000	0.198
BALU	19.000	0.000	0.585
BALU	19.750	0.000	0.599
BALU	20.500	0.000	0.615
BALU	21.250	0.000	0.642
BALU	22.000	0.000	0.672
BALU	22.750	0.000	0.733
BALU	23.500	0.000	0.834
BALU	24.183	0.000	0.820
BALU	24.867	0.000	0.773
BALU	25.550	0.000	0.728
BALU	26.233	0.000	0.688
BALU	26.917	0.000	0.652
BALU	27.600	0.000	0.619
BALU	28.150	0.000	0.623
BALU	28.700	0.000	0.627
TONGI	0.000	0.000	0.878
TONGI	0.650	0.000	0.678
TONGI	1.300	0.000	0.558
TONGI	2.150	0.000	0.543
TONGI	3.000	0.000	0.528
TONGI	3.850	0.000	0.519
TONGI	4.700	0.000	0.509
TONGI	5.550	0.000	0.511
TONGI	6.400	0.000	0.513
TONGI	7.200	0.000	0.677
TONGI	8.000	0.000	0.996
TONGI	8.150	0.000	0.986
TONGI	8.300	0.000	0.976
TONGI	9.063	0.000	0.870
TONGI	9.825	0.000	0.783
TONGI	10.588	0.000	0.697
TONGI	11.350	0.000	0.627
TONGI	12.113	0.000	0.568
TONGI	12.875	0.000	0.520
TONGI	13.638	0.000	0.478
TONGI	14.400	0.000	0.442
TONGI	15.200	0.000	0.488
TONGI	16.000	0.000	0.518
KARNATALI	0.000	0.000	1.388
KARNATALI	0.800	0.000	1.197
KARNATALI	1.600	0.000	1.051
KARNATALI	2.400	0.000	1.089
KARNATALI	3.200	0.000	1.132
KARNATALI	4.000	0.000	1.179
KARNATALI	4.800	0.000	1.230
KARNATALI	5.600	0.000	1.287
KARNATALI	6.400	0.000	1.350
KARNATALI	7.317	0.000	1.408
KARNATALI	8.233	0.000	1.470
KARNATALI	9.150	0.000	1.527
KARNATALI	10.067	0.000	1.587
KARNATALI	10.983	0.000	1.616
KARNATALI	11.900	0.000	1.616

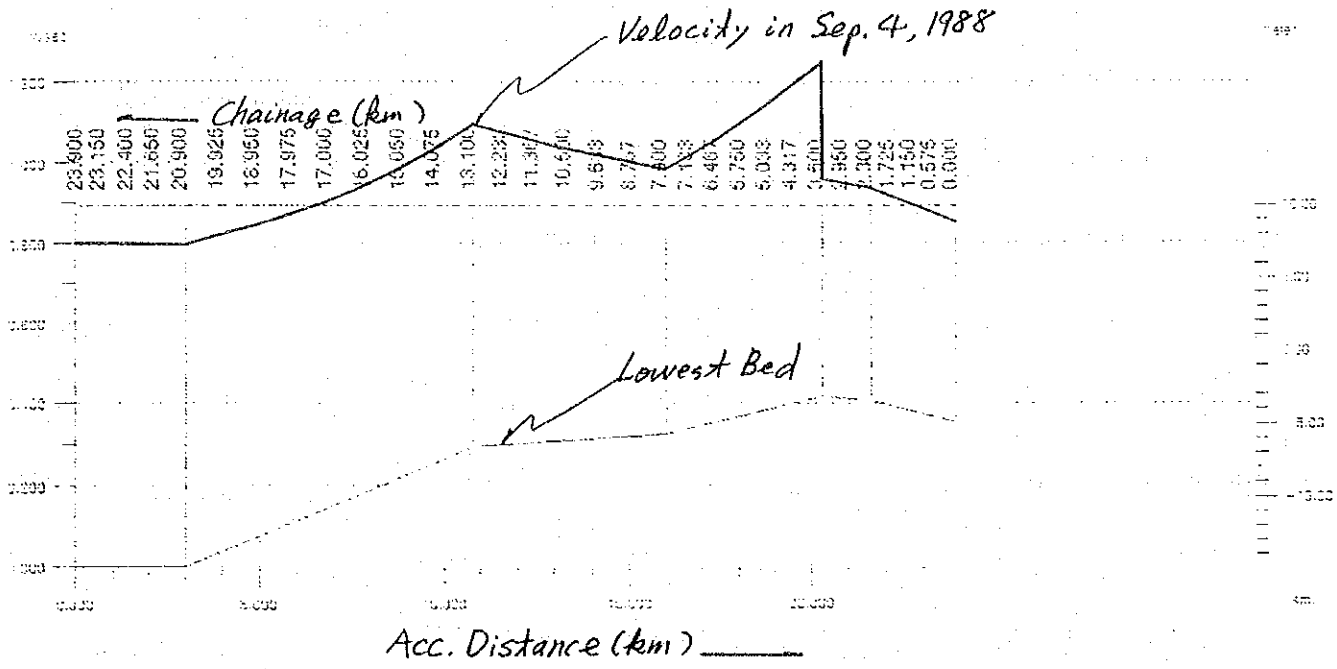
Dhaleswari River and Bansi River



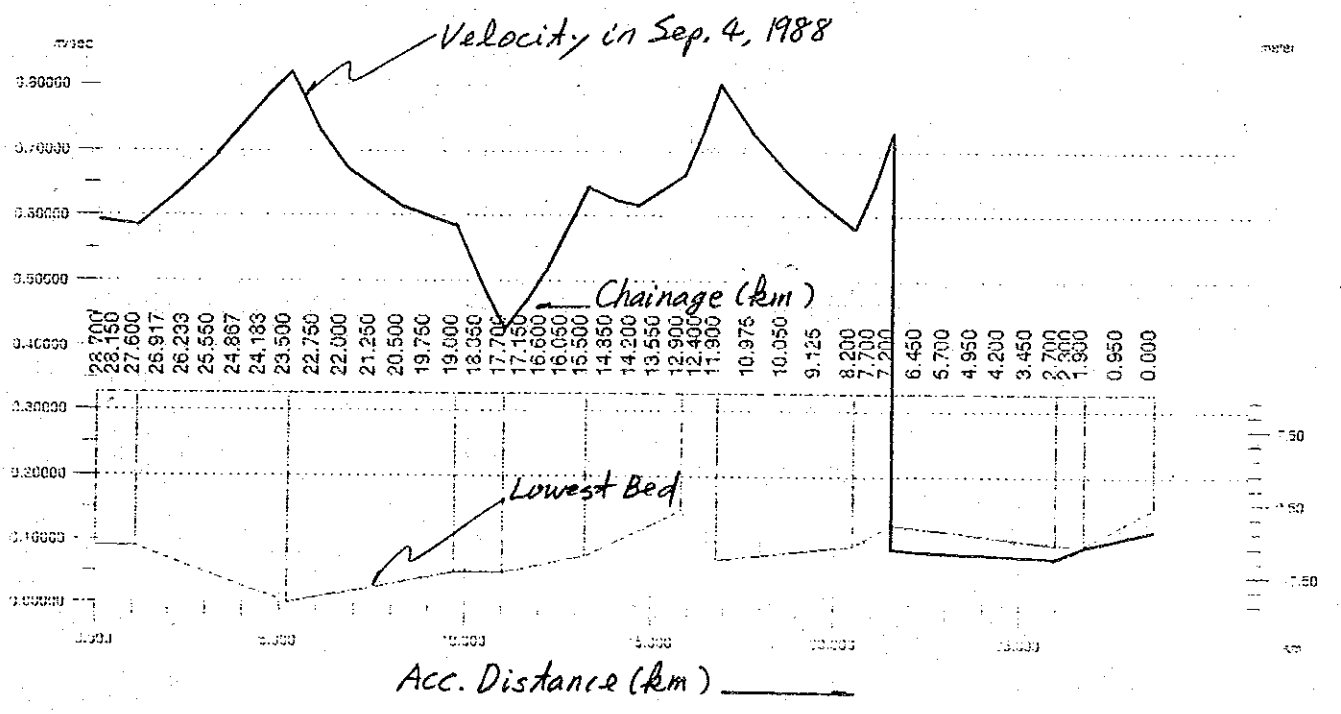
Buriganga River and Turag River



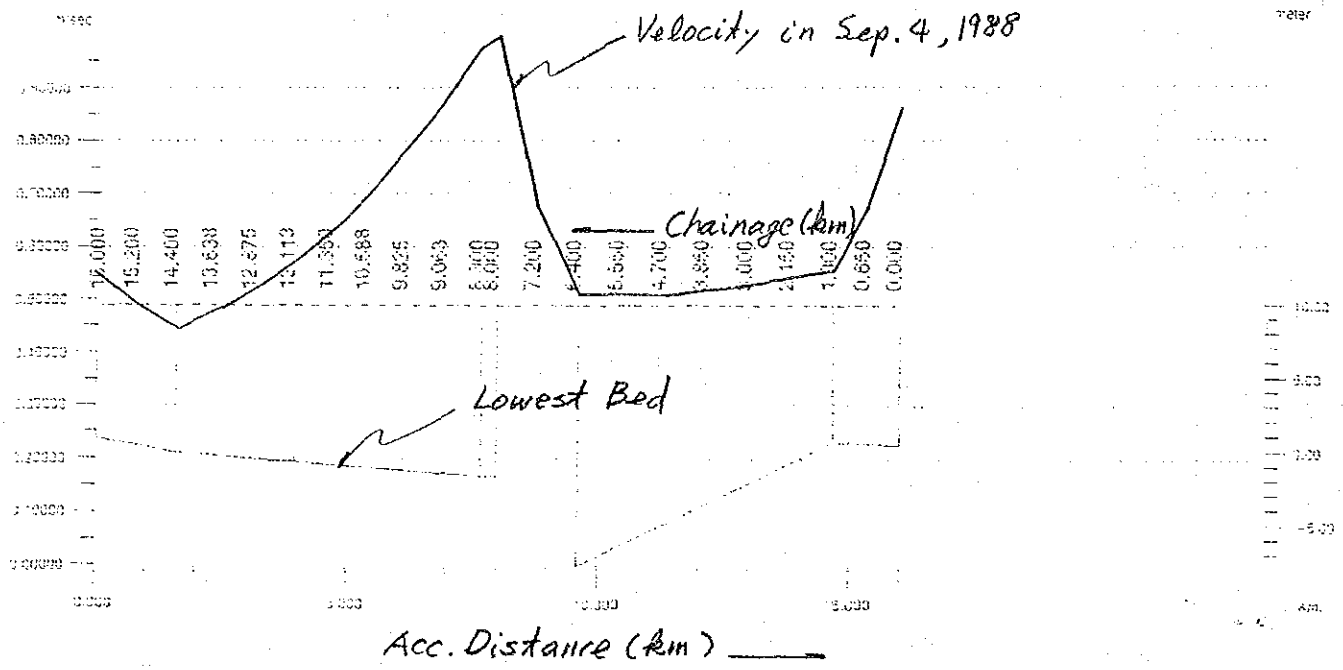
Lakhya River



Balu River



Tongi Khal



Karnatali River