	•		a setter					
	Block No.	Drainage Area	Velocity	Time of Concentration	Raintal Intensity	Run-off Coefficient	Areal Reduction	Run-Off
		(km2)	(m/s)	(min)	(mm/hr)		Factor	(m3/s)
	Buriganga Ri	ver Left Bank Z	(one (DA)					
	DA-1	6.96	0.8	97.73	60.96	0.40	0.96	• 45.25
	Turag River L	.elt Bank Zone	(DB)	· · · ·	· ·			÷ .
		·						
	D8-1	5.88	0.80	91.44	63.67	0.40	0.96	39.93
	DB-2	6.33	0.80	94.13	62.48	0.40	0.96	42.19
	DB-3	13.81	0.80	) 129.49	50.17	0.40	0.93	• 71.59
	DB-4	3.20	0.80	) 72.70	73.39	0.40	0.98	25.57
	D8-5	13.88	0.80	) 129.77	50.09	0.40	0.93	71.85
	DB-6	23.95	0.80	0 164.19	42.04	0.40	0.90	100.69
	DB-7	37.52	0.80	200.47	35.95	0.40	0.85	* 127.40
	DB-8	3.63	0.80	76.13	71.39	0.40	0.98	* 28.22
	Balu River Ri	ght Bank Zone	(DC-1)				· · ·	
	DC-1-1	5 79	0.80	00.80	63.91	0.40	<u> </u>	39.47
	DC-1-2	16 84	0.00	140.01	47 17	0.40	0.00	R1 20
· · ·	DC-1-9	5 79	0.00	) 00.83	62.04	0.40	0.52	30 40
	DC-1-4	0.70	0.00	, 30.03 ) 110.00	56 50	0.40	. 0.04	56 64
	DC 1 5	9.70		112.00	50.08	0.40	0.94	62.63
	00-1-0	08.63	0.00	105.07	00.01	0.40	0.94	* 105.02
	00.17	35.57	0.80	195.72	35.55	0.40	0.85	123.11
	00-1-7	5.21	0.80	87.25	65.61	0.40	0.97	36.84
e e	DC-1-8 DC-1-9	3.14 1.94	0.80	) 72.21 ) 61.04	73.69 81.10	0.40 0.40	0.98	17.31
	Balu River Ri	ght Bank Zone	(DC-2)	· .				
		0.07	0.0/		60.07	o (o	0.07	
	00-2-1	3.9/	0.80		09.97	0.40	0.97	29,94
	00-2-2	4.94	0.00	00.40	50.47	0.40	0.97	00.09
	00-2-3	10.99	0.80	117.67	53./1	0.40	0.94	61.65
	DC-2-4	3.22	0.80	) 72.87	73.29	0.40	0.98	25.70
	DC-2-5	21.54	0.80	) 156.74	43.56	0.40	0.91	94.86
	DC-2-6 DC-2-7	3.04 30.65	0.80	) 71.37	74.19 38.63	0.40 0.40	0.98 0.87	24.56 114.45
. •	Balu River Ri	ght Bank Zone	(DC-3)		•		•	
1.		-						
	00-3-1	8.81	1.00	87.83	65.33	0.40	1.00	66.65
÷ .	00-3-2	11.80	1.00	100.97	59.65	0.40	0.94	/3.51
	DC-3-3	17.64	0.80	143.74	46.48	0.40	0.92	83.81
	DC-3-4	35.12	0.80	9 194.60	36,81	0.40	0.85	122.11
	DC-3-5	5.36	0.80	88.21	65.15	0.40	0.97	37.64
	DC-3-6	47.94	0.80	224.00	32.87	0.40	0.83	145.30
	DC-3-7	6.59	1.00	86.67	65.89	0.42	1.00	52.17
	DC-3-8	13.15	1.00	105.47	57.92	0.40	0.93	78.70
	DC-3-9	7.39	0.80	100.09	60.00	0.40	0.95	46.80
· ·	DC-3-10	6.64	0.80	95.92	61.71	0.40	0,96	43.71
1	DC-3-11	16.99	0.80	141.44	47.04	0.40	0.92	81.69
	DC-3-12	90.74	0.80	300.66	25.68	0.40	0.77	* 199.37
-	Tongi West Z	(AT) eno		• .				
.1	TA-1	4,13	0.80	79.88	69.34	0.40	0.97	* 30.86
1997 - A. S.	TA-2	1.03	0.80	49.90	90.14	0.40	0.99	10.21
	TA-3	4.89	0.80	85.15	66.63	0.40	0.97	* 35.12
	TA-4	0.50	0.80	40.83	99 14	0 40	1 00	5 51
. · ·	TA.5	9 79	0.00	60.10	75 50	0.40	0.00	• <u>7</u> 790
۰.	TA-6	1.44	0.80	55.36	85.47	0.40	0.99	13.54
•	Tongi East Zo	one (TB)			· ·			
	TB-1	4.64	0.80	83.46	67.47	0.40	0.97	* 33.74
	TB-2	2.72	0.80	68.59	75.93	0.40	0.98	22 49
	TB-9	3 53	0.80	75.36	71 84	0.40	0.98	27 61
	TB-4	5 69	0.80	90.28	64 19	0.40	A 9 A	• 38 QF
	TB-S	0.05	0.90	46.52	03 30	0.40 A AA	1 00	* 9.30
	1 D V	0.01	V.VU	70.02	00.00	V.7V	1.00	9.40

Note: (1) Block No. are shown in FIG.H.23 (2) Figures with (\*) show Design Discharge at Sluice Gates

(Contd.)

Design Discharge For Sluice Gate

		· ·	·	· · · · · · · · · · · · · · · · · · ·			
Block No.	Drainage Area	Velocity	Time of Concentration	Rainfal Intensity	Run-off Coefficient	Areal Reduction Factor	Run-Ol
· · · ·	(km2)	(nvis)	(min)	(mm/hr)			(m3/s
Savar Zone (S	S) '						
S.1	6 23	0.80	93.54	62.74	0.40	0.97	42.1
6.2	10.23	0.00	116 38	54 12	0.40	0.94	60.4
0-2 S-3	4 60	0.00	83 19	67.61	0.40	0.97	33.5
S-4	4 16	0.80	80.09	69.22	0.40	0.98	31.3
S-5	14.21	0.80	131.06	49.73	0.40	0.93	73.0
S-6	26.47	0.80	171.58	40.64	0.40	0.88	105.1
S-7	4,94	0.80	85.48	66.47	0.40	0.97	35.3
S-8	6.08	0.80	92.65	63.13	0.40	0.96	• 40.9
S-9	2.01	0.80	61.77	80.57	0.40	0.99	17.8
S-10	2.87	0.80	69.91	75.10	0.40	0.98	• 23.4
S-11	6.11	0.80	92.83	63.05	0.40	0.97	41.5
S-12	9.36	0.80	110.14	56.23	0.40	0.94	54.9
S-13	5.19	0.80	87.12	65.67	0.40	0.97	36.7
S-14	16.63	0.80	140.15	47.36	0.40	0.90	* 78.70
OND Project	Area (NA-1)						• .
NA-1-1	6.81	0.80	96.89	61.31	0.40	0.96	44.5
NA-1-2	3.41	0.80	74.41	72.38	0.40	0.98	26.8
NA-1-3	17.68	0.80	143.88	46.45	0.40	0.92	83.9
NA-1-4	3.30	0.80	73.52	72.90	0.40	0.98	26.2
NA-1-5	24.42	0.80	165.60	41.77	0.40	0.90	102.0
NA-1-6	4.61	0.80	83.26	67.58	0.40	0.97	33.5
NA-1-7	30.17	0.80	181.83	38.84	0.40	0.87	113.2
DND Project	Area (NA-2)						•
	7 70	0.90	102 19	50 17	0.40	0.95	48.5
NA-2-1	- /./0	0.00	65.35	79.17	0.40	0.95	20.0
NA-2-2	2.36	0.60	191 76	40.54	0.40	0,50	73.6
NA-2-3	14.39	0.80	101.70	49.04	0.40	0.93	33.1
NA-2-4	4.34	0.00	02.70	76 16	0,40	0.97	22.2
NA-Z-5	2.08	0.00	110 51	60,10	0.40	0,90	62 4
NA-2-0 NA-2-7	26.62	0.80	172.01	40.56	0,40	0.88	105.5
Jaravangani N	Nest Zone (NB)					a shi ka a	
чагауануалу ч		,		<u>.</u>			
NB-1	2.45	0.80	66.12	77.55	0.40	0.98	20.6
NB-2	5.52	0.80	89,22	64.68	0.40	0.96	38.0
NB-3	1.11	08.0	51.04	89.12	0.40	0.99	10.8
NB-4	2.41	0.80	65.74	77.80	0.40	1 00	20.4 • 0.4
N8-5	0.88	0.80	47,64	92.23	0,40	1,00	9.U. • 07 E
NB-6	3.57	0.80	/5,6/	11,55	0.40	0.97	+ 33 S
NR-1	2.69	0.80	68.32	4D.11	0,40	V.90	
Narayanganj H	East Zone (NC)						
NC-1	1.02	0.80	49.76	90.27	0.40	0.99	• 10.1
NC-2	0.60	0.80	42.82	97.01	0.40	1.00	• 6.4
NC-3	3.27	0.80	73.28	73.05	0.40	0.98	• 26.0
NC-4	2.31	0.80	64.78	78.45	0.40	0.99	19.9
NC-5	1,92	0.80	60.82	81,25	0.40	0.99	17.1
NC-6	3.68	0.80	76.52	71,17	0.40	0.97	• 28.2
(eraniganj Zo	one (K)		· .	· ·	· · · · ·		
ú e	A 10	A 6A	60 60	70 27	n 40	A 48	.* 18 0
N-1 K 0	2.19	0.80	03.0V 20.41	13.61 76 AF	0.40	0.50	* 22.0
	2.70	0.80	00.41	10.US	0.40	1 0.90	26.0
K-2	0.00	0.80	44.30	95.50	0,40	0.07	· 31 A
K-2 .K-3	1 00	A 94	00.00	ED 0E			
K-3 K-4	4.23	0.80	80.60	68.95 78.65	0.40	0.07 0.00	10 7
K-2 K-3 K-4 K-5	4.23	0.80	80.60 64.49	68.95 78.65	0.40	0.99	19.7
K-2 K-3 K-4 K-5 K-6	4.23 2.28 4.14	0.80 0.80 0.80	80.60 64.49 79.95	68.95 78.65 69.30	0.40	0.99	19.7 30.9 7 6

Note: (1) Block No. are shown in FIG.H.23 (2) Figures with (\*) show Design Discharge at Sluice Gates

Flood Plain	Constituent Affected Population			Flood Plain	Constituent	Affected Population		
	Union	1987	1988		Union	1987	1988	
Buriganga/				Savar		**************************************		
Dhaleswari	Konda	45.039	47,509	North	Pathalia	4,484	21,268	
	Теритіа	25,944	27.053			and the second second		
	Basta	27,250	27,637	- 	Total	4,484	21,268	
	Ruhitpur	21,872	22,160					
	Sakta	38,317	38,432		· · ·		• .	
	Taranagar	27,930	27,930	Buriganga		12	12	
	Kalatia	30,722	31,127	Lower Left	Enayetnagar	10,696	13,197	
	Sultanganj	62,981	70,448		Kashipur	16,734	16,734	
			· · ·			<u>_/3</u>	<u></u>	
	Total	280,055	292,296		Total	27,430	29,931	
Turne								
Turag	Kaundia	12 710	57 201	Cound Total		400.092	582 655	
	Naundia	23,710	24,501	Crano Total		490,065	202,022	
	Biralia	7,087	10,121					
	Asnuna	0,290	11 020				. :	
	1 earpur	10,290	11,230		а.		•	
	Kasımpur	/,401	9,012	N7 .				
				Note:				
	Total	54,851	62,722	<u>.</u>	20% of whole	e Savoar		
					50% of whole	e Enayctnagar		
Savar South				<u>_B</u>	50% of whole	e Kashipur		
	Amin Bazar	26,513	27,054					
	Bhakurta	35,473	35,904					
	Hazratpur	14,706	14,991		·			
	Tetuljhora	22,673	25,590					
	Banagram	14,195	20,789	· ·			÷	
	Savar	9,703	53,110					
				· · ·			:	
	Total	123,263	177,438		· .			

## Table G.12Affected Population by 1987 and 1988 Floods<br/>in Future Unprotected Flood Plain

Table G.13 Danger Water Level and Evacuation Facilities

Sta. No. 14.5/69 (Proposed Sta.) Sta. No. 302/70 (Gauging Sta.) (Proposed Sta.) **Oasipur** Sta. No. 302 Sta. No. 302 Abdullahpur Sta. No. 43 Sta. No. 42 Sta. No. 42 Remarks Evacuation Shelter (Capacity) (12,000 people) (6,000 people) 3 places 6 places EL of Evacuation Roads 7.4 m (1/15), L = 20.5 km7.3 m (1/15), L = 5.0 km8.3 m (1/15), L = 6.5 km 6.8 m (1/50), L = 2.5 km (Flood frequency) 7.3 m (1/10) 7.3 m ( 1/10 ) 6.8 m ( 1/15 ) 6.9 m (1/15) L = 45.0 kmG. L of Residence 6.2 m ( 1/10 ) (Flood frequency 7.7 m (1/4) 7.0 m (1/5) 6.3 m ( 1/5 ) 6.2 m (1/5) 6.7 m (1/4) 6.8 m (1/4) 7.0 m (1/5) Danger Water Level (Flood frequency) 6.7 m (1/3) 7.4 m (1/3) 5.9 m (1/3) 6.5 m (1/3) 6.0 m (1/3) 6.7 m (1/3) 5.9 m (1/5) 6.4 m (1/3) Area (ha) 14,302 3,315 6,760 4,177 4,138 5,987 4,577 7,892 927 962 Population 164,322 352,849 162,376 183,273 102,880 74,745 30,222 27,000 85,647 87,631 (2010)5. Buriganga Lower 3. Savar South 4. Savar North 2. Turag River Dhaleswari Flood Plain Buriganga/ BD - 2 BD-3 11 - 2 BD-1 TL - 1 Total Total • ••••(

Note :

1. Mounted Ground Level of Evacuation Shelter : H.W.L + 1.2 m

2. Land of Evacuation Center per place : 3000 m2

Evacuation Roads : Raised and Improved of Existing Roads
Gauging Sta. : Expected Water Level Monitoring Station











G-77







JICA











JICE







JIICF

























JICA





























