

**MANAGING IRRIGATION FOR ENVIRONMENTALLY
SUSTAINABLE AGRICULTURE IN PAKISTAN**

**WATER LEVEL FLUCTUATIONS
AND DISCHARGE VARIABILITY IN THE
MIRPURKHAS SUB-DIVISION, JAMRAO CANAL,
NARA CIRCLE, SINDH PROVINCE, PAKISTAN**

ANNEXURES

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ANNEXURES

ANNEX A. DAILY WATER LEVELS AT RD 343, DISCHARGE AND AVERAGE GATE OPENINGS OF THE OFFTAKES OF THE JAMRAO CANAL SECTION, MIRPURKHAS SUB-DIVISION

Table A-1 Daily Water Levels at RD 343, Discharge and Average Gate Opening of the Offtakes of the Jamrao Canal Section.

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
01-Nov-96																			
02-Nov-96																			
03-Nov-96																			
04-Nov-96																			
05-Nov-96																			
06-Nov-96																			
07-Nov-96																			
08-Nov-96																			
09-Nov-96																			
10-Nov-96																			
11-Nov-96																			
12-Nov-96																			
13-Nov-96																			
14-Nov-96	64.71				82.19	2.98													
15-Nov-96	64.60				74.08	3.18													
16-Nov-96	64.52	77.03	0.93	61.05	3.38														
17-Nov-96	64.65	84.46	0.99	76.91	3.54	19.60	0.40	81.03	1.02										
18-Nov-96	65.94	97.01	0.81			20.90	0.42	83.38	1.03										
19-Nov-96	64.80	76.86	0.85	90.46	2.12	20.34	0.40	80.67	0.99								73.82	0.54	
20-Nov-96	64.39	66.54	0.85	105.26	2.51	20.21	0.40	81.26	1.01								68.61	0.53	
21-Nov-96	64.32	87.84	1.12	73.19	2.89	20.08	0.40	81.88	1.03								65.11	0.53	
22-Nov-96	64.34	82.37	1.12	45.92	2.90	20.06	0.40	81.51	1.02								61.45	0.53	
23-Nov-96	64.34	74.14	1.01	72.84	2.91	20.04	0.40	81.20	1.02								61.44	0.53	
24-Nov-96	64.35	66.85	0.95	62.47	2.89	18.38	0.36	81.69	1.02								61.42	0.53	
25-Nov-96	64.30	70.67	1.01	46.88	3.19	18.33	0.36	79.47	1.00								65.31	0.56	
26-Nov-96	64.41	74.76	0.97	71.35	3.33	20.90	0.40	89.70	1.08								65.47	0.56	
																	59.64	0.51	

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go				
27-Nov-96	64.30	70.32	0.97	70.17	3.33	19.97	0.40	82.15	1.02	51.65	0.61	65.15	0.57						
28-Nov-96	64.35	72.28	0.96	65.65	3.22	20.55	0.41	82.23	1.03	52.27	0.61	65.31	0.56						
29-Nov-96	64.32	71.19	0.96	72.09	3.22	20.43	0.41	82.36	1.03	50.13	0.57	67.23	0.57						
30-Nov-96	64.30	72.48	0.99	73.26	3.23	20.32	0.40	82.50	1.03	47.90	0.54	69.57	0.58						
01-Dec-96	64.41	73.68	0.96	97.01	3.31	20.17	0.40	83.61	1.03	47.66	0.54	65.20	0.55						
02-Dec-96	64.40	73.51	0.96	76.97	3.29	20.49	0.40	82.87	1.02	57.75	0.68	59.41	0.50						
03-Dec-96	64.42	69.99	0.92	71.69	3.32	13.28	0.24	82.98	1.02	59.11	0.69	69.89	0.60						
04-Dec-96	64.70	79.36	0.96	67.47	3.33	14.70	0.28	82.49	1.02	50.35	0.58	83.22	0.71						
05-Dec-96	64.70	78.49	0.94	87.40	3.33	15.27	0.28	83.66	1.02	55.94	0.65	84.29	0.72						
06-Dec-96	64.67	78.83	0.94	91.29	3.33	15.11	0.28	83.70	1.02	62.57	0.74	75.45	0.65						
07-Dec-96	64.65	79.81	0.95	95.01	3.33	14.96	0.28	83.41	1.02	69.17	0.83	66.83	0.57						
08-Dec-96	64.62	77.03	0.92	60.22	3.33	12.96	0.24	80.76	1.00	67.09	0.81	62.66	0.54						
09-Dec-96	64.76	82.56	0.94	98.21	3.33	14.78	0.27	84.12	1.02	63.70	0.75	71.21	0.61						
10-Dec-96	64.72	77.20	0.91	72.97	3.33	14.76	0.27	83.95	1.02	61.33	0.72	63.44	0.54						
11-Dec-96	64.39	72.58	0.94	75.05	3.33	13.08	0.24	80.47	1.00	50.00	0.58	64.93	0.56						
12-Dec-96	64.25	71.44	0.99	72.38	3.17	14.32	0.27	74.70	0.93	44.87	0.52	62.91	0.54						
13-Dec-96	64.35	71.73	0.97	70.88	3.31	16.50	0.32	75.83	0.93	45.99	0.52	63.71	0.54						
14-Dec-96	64.53	78.68	0.97	65.87	3.31	18.74	0.36	76.95	0.93	47.12	0.53	64.50	0.55						
15-Dec-96	64.52	78.49	1.00	73.00	3.31	19.94	0.39	76.96	0.93	53.23	0.62	64.82	0.55						
16-Dec-96	64.36	74.08	1.00	76.74	3.28	19.69	0.39	76.06	0.93	56.65	0.67	63.86	0.54						
17-Dec-96	64.21	69.80	1.00	47.03	3.20	17.77	0.35	75.36	0.93	55.49	0.67	58.52	0.51						
18-Dec-96	64.28	74.84	1.00	83.44	3.18	19.44	0.39	72.73	0.90	50.39	0.59	63.07	0.55						
19-Dec-96	64.32	78.49	1.00	76.70	3.23	19.56	0.39	74.50	0.91	48.82	0.57	59.69	0.51						
20-Dec-96	64.44	80.60	1.00	75.52	3.31	19.77	0.39	74.97	0.91	47.90	0.55	62.21	0.53						
21-Dec-96	64.55	74.03	0.90	72.77	3.32	19.98	0.39	75.42	0.90	46.94	0.53	64.76	0.54						
22-Dec-96	64.60	68.97	0.78	123.49	3.31	15.57	0.30	74.13	0.90	48.12	0.56	62.52	0.54						
23-Dec-96	64.66	71.66	0.79	80.29	3.32	17.36	0.34	74.27	0.91	49.88	0.58	63.89	0.55						
24-Dec-96	64.64	71.66	0.79	70.93	3.26	15.62	0.30	70.49	0.86	50.04	0.58	63.64	0.55						
25-Dec-96	64.67	71.66	0.79	77.22	3.32	16.63	0.32	73.06	0.89	56.76	0.67	62.22	0.53						
26-Dec-96	64.71	71.91	0.79	82.64	3.32	17.65	0.34	48.10	0.54	63.57	0.75	60.77	0.52						

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
27-Dec-96	64.67	71.41	0.79	78.84	3.32	17.38	0.34	47.72	0.54	62.91	0.74	69.46	0.61						
28-Dec-96	64.63	70.66	0.79	74.84	3.32	17.15	0.33	47.33	0.54	62.25	0.74	72.67	0.70						
29-Dec-96	64.62	71.16	0.79	68.95	3.32	17.19	0.33	47.43	0.54	50.20	0.58	65.71	0.61						
30-Dec-96	64.44	67.83	0.79	75.34	3.32	17.38	0.33	47.79	0.53	58.89	0.69	70.79	0.62						
31-Dec-96	64.35	64.87	0.79	51.07	3.32	17.25	0.33	47.02	0.53	50.15	0.58	69.21	0.62						
01-Jan-97	64.33	64.59	0.79	53.99	3.32	9.75	0.17	47.25	0.53	44.78	0.52	70.20	0.70						
02-Jan-97	64.31	64.61	0.79	56.08	3.32	17.25	0.33	47.48	0.54	45.00	0.53	68.88	0.66						
03-Jan-97	64.34	62.95	0.79	56.08	3.32	16.82	0.33	46.27	0.54	50.15	0.62	65.57	0.66						
04-Jan-97	64.02	72.41	1.16	59.30	2.93	16.38	0.33	45.02	0.54	52.06	0.67	63.84	0.69						
05-Jan-97	64.30	81.67	1.07	85.11	2.94	22.92	0.49	37.41	0.42	59.02	0.75	68.36	0.70						
06-Jan-97	64.24	81.98	1.10	43.77	2.62	22.29	0.48	36.98	0.42	63.74	0.82	71.76	0.71						
07-Jan-97	64.15	87.14	1.15	52.90	2.58	21.07	0.48	29.51	0.34	70.07	0.97	61.51	0.71						
08-Jan-97	64.08	123.71	1.71	48.12	2.27	16.35	0.38	27.05	0.33	67.41	1.01	59.18	0.76						
09-Jan-97	62.79			77.25	1.04	9.46	0.35	15.56	0.31	52.34	1.01	65.01	1.09						
10-Jan-97																			
11-Jan-97																			
12-Jan-97																			
13-Jan-97																			
14-Jan-97																			
15-Jan-97																			
16-Jan-97																			
17-Jan-97																			
18-Jan-97																			
19-Jan-97																			
20-Jan-97																			
21-Jan-97																			
22-Jan-97																			
23-Jan-97																			
24-Jan-97																			
25-Jan-97																			

Table A-1 Continued

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)													
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
26-Jan-97															
27-Jan-97															
28-Jan-97															
29-Jan-97															
30-Jan-97															
31-Jan-97															
01-Feb-97															
02-Feb-97															
03-Feb-97															
04-Feb-97															
05-Feb-97															
06-Feb-97															
07-Feb-97															
08-Feb-97															
09-Feb-97															
10-Feb-97															
11-Feb-97	64.03	68.53	0.94	55.29	2.96	14.86	0.30	51.25	0.62						
12-Feb-97	64.15	65.32	0.80	81.65	3.05	15.19	0.30	52.40	0.62	15.66	0.12	22.87	0.21		
13-Feb-97	64.17	64.38	0.76	56.28	3.08	13.67	0.26	52.82	0.62	14.69	0.11	32.96	0.29		
14-Feb-97	64.43	71.28	0.76	72.36	3.33	14.54	0.28	53.00	0.62	13.34	0.09	31.64	0.29		
15-Feb-97	64.20	61.17	0.70	42.26	3.14	15.41	0.30	53.18	0.62	10.99	0.06	32.50	0.29		
16-Feb-97	64.21	70.06	0.87	34.17	3.14	15.11	0.29	52.14	0.62	10.82	0.06	63.85	0.58		
17-Feb-97	64.12	72.59	1.00	69.68	3.05	15.12	0.30	51.95	0.62	9.25	0.04	67.07	0.61		
18-Feb-97	64.03	70.06	1.01	56.87	2.96	14.81	0.30	48.79	0.59	9.13	0.04	65.91	0.61		
19-Feb-97	64.16	71.22	0.99	58.20	3.09	13.38	0.25	50.10	0.59	9.30	0.04	70.72	0.64		
20-Feb-97	64.11	72.75	0.99	54.39	3.04	13.30	0.25	49.74	0.59	9.26	0.04	66.71	0.62		
21-Feb-97	64.15	73.12	0.99	61.33	3.08	14.17	0.27	49.71	0.59	21.61	0.21	63.12	0.62		
22-Feb-97	64.21	75.47	1.01	67.85	3.12	15.04	0.30	49.68	0.59	33.79	0.38	68.12	0.62		
23-Feb-97	64.57			81.17	3.49	14.67	0.29	48.86	0.58	58.01	0.72	64.21	0.58		
24-Feb-97	64.51			69.20	3.45	15.12	0.30	49.22	0.58	60.26	0.74	76.36	0.73		

Table A-1. Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go				
25-Feb-97	64.52		39.88	3.57	13.67	0.26	49.95	0.58	61.44	0.74	63.70	0.57							
26-Feb-97	64.11		52.48	3.07	10.66	0.20	47.27	0.58	51.77	0.65	36.09	0.34							
27-Feb-97	64.47		73.86	3.40	14.73	0.30	48.01	0.58	58.09	0.73	56.50	0.52							
28-Feb-97	64.49		74.29	3.42	14.85	0.30	47.82	0.57	58.54	0.73	59.18	0.52							
01-Mar-97	63.30	69.30	39.47	2.22	14.98	0.29	48.81	0.57	59.61	0.73	58.79	0.52							
02-Mar-97	63.71	60.64	47.18	2.62	14.95	0.29	55.74	0.68	59.34	0.73	57.81	0.52							
03-Mar-97	64.09	74.07	55.11	3.02	14.80	0.29	62.56	0.78	59.07	0.73	56.84	0.51							
04-Mar-97	64.14	77.25	59.14	3.08	14.77	0.29	61.91	0.76	59.92	0.74	57.56	0.50							
05-Mar-97	64.32	80.72	49.63	3.23	15.03	0.29	63.96	0.78	60.80	0.74	94.11	0.85							
06-Mar-97	64.61	70.81	66.99	3.53	14.66	0.28	52.64	0.62	46.33	0.53	55.52	0.46							
07-Mar-97	64.42	79.72			15.41	0.29	54.19	0.63	64.87	0.77	73.52	0.64							
08-Mar-97	64.32	78.70			19.48	0.39	53.93	0.63	63.90	0.77	68.86	0.64							
09-Mar-97	64.40	77.94			19.82	0.39	45.50	0.50	62.37	0.73	71.28	0.64							
10-Mar-97	64.48	82.34	82.44	2.48	20.15	0.39	36.75	0.37	60.68	0.69	74.52	0.64							
11-Mar-97	64.54	83.15	71.30	3.28	22.06	0.39	40.30	0.37	61.30	0.73	74.38	0.64							
12-Mar-97	64.36	78.92			19.57	0.39	35.57	0.37	60.16	0.73	72.23	0.61							
13-Mar-97	64.28	76.94			19.24	0.39	35.01	0.37	60.26	0.73	70.78	0.65							
14-Mar-97	64.21	76.56	71.50	3.07	19.82	0.40	35.05	0.37	60.83	0.73	59.81	0.52							
15-Mar-97	64.61	83.64	80.14	3.07			35.03	0.37	61.98	0.73	60.90	0.52							
16-Mar-97	64.47	79.85	59.80	3.19	19.90	0.39			68.50	0.83	62.68	0.56							
17-Mar-97	64.34	79.39	15.13	3.32	19.44	0.39			74.77	0.93	64.11	0.59							
18-Mar-97	64.57	88.41							82.06	1.00	73.95	0.66							
19-Mar-97	64.49	86.11					114.32	1.41	81.02	0.99	59.10	0.55							
20-Mar-97	64.49	74.11			20.35	0.39	80.72	0.97	85.13	1.03	74.89	0.77							
21-Mar-97	64.64	87.22			20.04	0.39	78.92	0.96	87.41	1.06	57.01	0.51							
22-Mar-97	64.10	65.67			19.11	0.39	75.65	0.96	77.11	0.98	49.13	0.44							
23-Mar-97	63.10	51.31			19.55	0.39	77.28	0.96	78.02	0.95	58.76	0.52							
24-Mar-97	62.10	25.13																	
25-Mar-97	63.21	42.94			14.79	0.39	57.22	0.93											

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
26-Mar-97	63.27	39.64	0.48	35.46	1.99	15.67	0.39	44.40	0.94										
27-Mar-97	63.63	40.73	0.43	35.62	2.46	16.83	0.39	64.18	0.93										
28-Mar-97	63.95	49.86	0.80	64.82	1.92	20.56	0.39	78.82	0.93	78.48	0.91								
29-Mar-97	64.29	68.30	0.78	63.22	1.37	19.51	0.39	111.95	1.46	51.02	0.60	65.19	0.62						
30-Mar-97	64.11	73.97	0.78	66.40	1.65	19.39	0.39	92.83	1.19	54.09	0.64	60.58	0.57						
31-Mar-97	64.41	93.85	0.97	70.01	3.32	19.27	0.39	74.17	0.93	57.12	0.69	58.18	0.52						
01-Apr-97	64.32	73.46	0.91	69.35	3.19	17.87	0.35	111.78	1.45	57.75	0.69	52.24	0.44						
02-Apr-97	64.53	78.60	0.93	71.01	3.45	18.04	0.35	96.41	1.22	59.10	0.69	62.76	0.54						
03-Apr-97	65.17	76.66	0.70	106.00	1.84	18.37	0.35	98.22	1.22	64.40	0.75	78.13	0.77						
04-Apr-97	65.23	78.80	0.72	105.09	1.84	18.29	0.35	96.87	1.21	62.63	0.73	67.94	0.63						
05-Apr-97	64.70	75.42	0.79	94.16	2.62	17.83	0.35	94.71	1.21	67.16	0.82	76.84	0.72						
06-Apr-97	64.74	78.90	0.79	97.05	3.11	17.82	0.35	95.00	1.21	64.43	0.77	72.34	0.66						
07-Apr-97	64.80	74.67	0.71	92.42	3.60	17.97	0.35	95.27	1.21	61.65	0.73	65.23	0.61						
08-Apr-97	64.60	79.82	0.88	91.89	3.53	17.90	0.35	95.05	1.21	60.71	0.72	76.82	0.77						
09-Apr-97	64.46	76.37	0.87	102.32	3.37	17.89	0.35	95.61	1.21	59.58	0.71	67.21	0.63						
10-Apr-97	64.27	75.49	0.88	109.68	3.21	17.35	0.35	94.42	1.22	58.45	0.70	59.19	0.50						
11-Apr-97	64.25	76.20	0.88	83.63	3.13	15.59	0.33	89.66	1.22	59.31	0.75	56.48	0.50						
12-Apr-97	64.53	78.42	0.82	98.43	3.44	15.77	0.34	87.02	1.20	52.90	0.68	55.61	0.51						
13-Apr-97	64.57	59.88	0.64	99.13	3.47	18.48	0.39	107.88	1.47	53.74	0.67	62.25	0.56						
14-Apr-97	64.63	77.75	0.87	99.84	3.49	21.49	0.45	129.77	1.74	54.51	0.66	68.91	0.61						
15-Apr-97	64.52	75.79	0.86	103.99	3.36	19.64	0.40	131.91	1.74	61.48	0.74	71.75	0.62						
16-Apr-97	64.64	62.59	0.67	109.19	3.53	19.41	0.40	129.40	1.74	60.31	0.74	63.65	0.57						
17-Apr-97	64.50	59.56	0.67							60.05	0.73	68.89	0.61						
18-Apr-97	64.48	59.11	0.67							59.06	0.71	71.99	0.63						
19-Apr-97	64.47	58.88	0.67							61.38	0.73	69.48	0.61						
20-Apr-97	64.46	58.66	0.67							54.69	0.65	61.79	0.55						
21-Apr-97	64.61			68.24	3.56					66.58	0.79	74.47	0.66						
22-Apr-97	64.70			87.93	3.52	9.44	0.16			63.72	0.76	74.31	0.66						
23-Apr-97	64.60			116.22	3.44	9.45	0.16			61.27	0.73	67.07	0.59						
24-Apr-97	64.46	72.69	0.85	76.44	3.35	17.82	0.36	87.12	1.11	48.88	0.56	66.50	0.54						

Table A-1: Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
25-Apr-97	64.48	66.07	0.78	80.41	3.35	17.77	0.36	87.53	1.12	51.00	0.60	52.60	0.44						
26-Apr-97	64.60	63.92	0.72	78.08	3.47	29.04	0.61	87.90	1.12	55.80	0.66	55.98	0.47						
27-Apr-97	64.47	56.76	0.72	68.77	3.37	28.96	0.61	87.57	1.12	48.11	0.56	64.50	0.55						
28-Apr-97	64.33	65.47	0.99	59.71	3.27	28.87	0.61	87.42	1.12	40.47	0.46	70.55	0.62						
29-Apr-97	64.38	77.61	1.08	79.46	3.29	29.14	0.61	88.25	1.12	50.36	0.59	72.03	0.71						
30-Apr-97	64.40	78.45	1.08	76.57	3.29	29.04	0.61	88.16	1.12	60.04	0.73	63.69	0.58						
01-May-97	64.47	97.63	1.37	76.55	3.36	28.55	0.60	87.78	1.12	59.36	0.71	59.63	0.52						
02-May-97	64.52	89.59	1.28	76.97	3.42	27.63	0.58	87.52	1.12	58.66	0.70	59.96	0.52						
03-May-97	64.56	87.80	1.16	95.90	3.43	25.07	0.52	87.76	1.12	48.75	0.56	60.44	0.53						
04-May-97	64.61	90.32	1.16	95.18	3.48	25.63	0.53	104.77	1.36	49.45	0.57	60.91	0.53						
05-May-97	64.66	86.66	1.08	94.34	3.53	20.70	0.42	121.89	1.60	50.14	0.58	60.24	0.54						
06-May-97	64.64	88.75	1.14	91.50	3.51	20.72	0.42	121.68	1.60	50.58	0.59	61.92	0.56						
07-May-97	64.66	87.21	1.12	92.53	3.55	20.71	0.42	121.38	1.60	56.03	0.66	55.78	0.48						
08-May-97	64.55	83.48	1.05	89.96	3.45	20.47	0.42	119.89	1.60	55.40	0.66	55.22	0.48						
09-May-97	64.61	85.40	1.05	84.67	3.43	20.62	0.42	105.68	1.38	53.71	0.64	55.79	0.48						
10-May-97	64.87	89.77	1.03			21.07	0.42	105.95	1.38	49.32	0.56	57.81	0.48						
11-May-97	64.88	90.10	1.03			21.15	0.42	107.33	1.38	54.35	0.62	67.84	0.57						
12-May-97	64.89	88.97	1.02			20.93	0.42	108.96	1.38	59.37	0.69	77.25	0.65						
13-May-97	64.80	87.75	1.01	89.91	2.75	20.76	0.42	107.96	1.38	54.82	0.64	58.95	0.51						
14-May-97	64.76	86.42	1.01	108.11	3.63	20.96	0.42	108.03	1.38	55.31	0.64	59.90	0.51						
15-May-97	64.64	83.70	1.01	26.03	3.50	20.88	0.42	107.52	1.38	55.21	0.65	57.18	0.49						
16-May-97	64.69	80.51	1.01	84.75	3.34	20.90	0.42	107.64	1.38	52.64	0.61	63.83	0.59						
17-May-97	64.53	79.07	1.01	61.68	3.31	21.03	0.42	106.17	1.35	59.25	0.71	69.23	0.66						
18-May-97	64.45	78.35	1.01	63.10	2.86	20.70	0.42	104.47	1.32	58.55	0.71	67.40	0.66						
19-May-97	64.38	80.26	1.04	61.04	2.40	20.18	0.42	111.40	1.38	57.11	0.71	63.68	0.66						
20-May-97	64.58	78.93	0.96	82.49	2.40	20.93	0.42	97.70	1.25	48.01	0.56	66.86	0.59						
21-May-97	64.83	88.31	1.04	89.05	2.45	21.13	0.42	98.62	1.25	47.80	0.55	71.17	0.63						
22-May-97	64.95	85.96	0.95	92.97	1.90	21.34	0.42	100.33	1.25	71.45	0.84								
23-May-97	64.86	84.48	0.95	92.95	2.45	21.09	0.42	109.99	1.39	70.92	0.85								
24-May-97	65.02	88.00	0.95	95.65	2.32	21.27	0.42	110.74	1.39	71.66	0.85								

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
25-May-97	64.94	86.25	0.95	94.79	2.47	21.03	0.42	109.93	1.39	66.15	0.79	79.20	0.69						
26-May-97	64.86	83.30	0.93	92.47	2.62	20.78	0.42	108.63	1.39	60.78	0.74	85.83	0.76						
27-May-97	64.85	86.84	1.01	90.37	3.16	20.79	0.42	91.97	1.16	54.81	0.65	83.89	0.73						
28-May-97	64.85	86.42	0.99	104.33	3.65	20.89	0.42	93.37	1.17	46.06	0.53	85.38	0.75						
29-May-97	64.70	82.36	0.98	108.89	3.52	20.73	0.42	92.51	1.17	48.64	0.58	105.15	0.93						
30-May-97	64.60	82.46	1.03	90.21	3.46	20.52	0.42	91.21	1.17	48.55	0.58	98.70	0.87						
31-May-97				91.37	3.51	23.59	0.49	91.21	1.17	48.58	0.56	101.87	0.87						
01-Jun-97				90.78	3.48	20.32	0.40	99.70	1.27	53.28	0.63	93.20	0.80						
02-Jun-97				92.60	2.44	19.75	0.40	108.37	1.37	50.87	0.61	69.26	0.73						
03-Jun-97				92.25	2.28	20.03	0.40	105.64	1.37	47.46	0.57	61.57	0.54						
04-Jun-97				91.80	2.60	20.09	0.40	106.51	1.37	51.12	0.59	64.34	0.54						
05-Jun-97				89.27	2.46	20.07	0.40	107.01	1.37	58.03	0.68	72.44	0.60						
06-Jun-97	64.62	83.58	1.03	93.19	3.26	22.80	0.48	104.75	1.37	53.22	0.63	71.76	0.61						
07-Jun-97	64.64	80.55	0.97	102.95	3.26			104.12	1.37	47.47	0.58	54.28	0.47						
08-Jun-97	64.52	81.80	1.08	93.59	3.26			107.03	1.42	43.93	0.59	63.63	0.56						
09-Jun-97	64.39	80.68	1.19	83.18	3.26			109.95	1.47	48.50	0.59	68.49	0.64						
10-Jun-97	64.53	84.60	1.19	84.71	3.25			111.36	1.47	49.49	0.59	70.14	0.64						
11-Jun-97	64.53	83.66	1.19	89.44	3.43			110.92	1.47	41.73	0.49	61.67	0.53						
12-Jun-97	64.51	84.61	1.19	115.75	3.34	22.91	0.48	109.40	1.47	47.01	0.57	58.54	0.51						
13-Jun-97	64.69	84.75	1.08	110.42	3.57	26.16	0.57	94.19	1.22	50.38	0.60	63.92	0.56						
14-Jun-97	64.60	85.32	1.15	120.55	3.48	23.46	0.50	100.34	1.34	45.87	0.55	67.91	0.62						
15-Jun-97	64.63	85.26	1.12	99.34	3.51	21.66	0.43	112.00	1.41	55.09	0.67	72.87	0.67						
16-Jun-97	64.65	85.07	1.09	109.50	3.54	22.98	0.43	123.91	1.47	64.43	0.80	77.81	0.72						
17-Jun-97	64.59	84.80	1.10	111.81	3.49	23.00	0.43	123.60	1.47			86.75	0.78						
18-Jun-97	64.69	95.31	1.24	92.32	3.51	23.14	0.43	124.13	1.47			82.45	0.73						
19-Jun-97	64.63	89.77	1.16	91.50	3.51	20.94	0.43	104.43	1.38			87.22	0.77						
20-Jun-97	64.76	86.72	1.13	113.32	3.67	20.72	0.43	105.07	1.38	63.05	0.76	69.82	0.59						
21-Jun-97	64.55	91.59	1.24	106.90	3.46	21.97	0.46	103.78	1.38	55.78	0.68	60.25	0.52						
22-Jun-97	64.44	89.60	1.29	107.80	3.34	23.16	0.50	128.77	1.79	54.50	0.68	75.81	0.69						
23-Jun-97	64.32	85.88	1.34	89.19	3.23	20.15	0.44	152.17	2.20	53.18	0.68	89.92	0.85						

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																		
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty								
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go					
24-Jun-97	64.38	85.16	1.23	101.24	3.27	21.61	0.44			55.50	0.68	76.62	0.70							
25-Jun-97	64.42	86.50	1.21	98.39	3.30	20.31	0.40			65.95	0.82	66.34	0.58							
26-Jun-97	64.73	88.70	1.09			20.14	0.40			59.19	0.70	68.54	0.58							
27-Jun-97	64.68	92.15	1.23			20.14	0.40			57.83	0.69	71.46	0.62							
28-Jun-97	64.79	86.84	1.01			30.47	0.65	132.27	1.76	38.69	0.44	48.46	0.41							
29-Jun-97	64.17	66.63	1.10			30.16	0.65	122.49	1.64	37.98	0.44	60.88	0.53							
30-Jun-97	64.54	88.37	1.19			29.75	0.65	112.87	1.52	37.25	0.44	72.08	0.65							
01-Jul-97	64.37	84.68	1.18	112.18	2.42	23.67	0.49	109.19	1.43	48.02	0.57	72.86	0.68							
02-Jul-97	64.25	86.12	1.35	89.81	2.90	23.24	0.50	111.00	1.51	52.54	0.66	65.57	0.59							
03-Jul-97	64.11	85.39	1.43	117.95	2.90	24.30	0.53	120.75	1.68	46.77	0.57									
04-Jul-97	64.14	96.23	1.43	113.41	2.90	21.27	0.47	118.65	1.66	53.37	0.66									
05-Jul-97	61.66	22.87	1.52					55.94	1.24	55.03	0.76									
06-Jul-97	62.90	67.50	1.48					52.53	0.83	45.67	0.60									
07-Jul-97																				
08-Jul-97				88.03	2.25					64.51	0.89									
09-Jul-97	63.44	61.57	1.18	110.27	2.90	21.07	0.52	119.09	1.86	56.05	0.85	47.79	0.50							
10-Jul-97	63.60	65.65	1.11	101.69	2.44	21.55	0.52	119.09	1.86	43.84	0.64	59.11	0.63							
11-Jul-97	63.49	63.10	1.17	90.82	2.35	21.31	0.52	117.78	1.86	72.94	1.11	94.60	1.13							
12-Jul-97	63.44	64.88	1.10	92.15	2.33	21.21	0.52	116.70	1.86	71.65	1.11	94.55	1.13							
13-Jul-97	63.47	64.09	1.14	106.31	2.42	21.36	0.52	126.11	1.98	69.80	1.11	87.16	1.04							
14-Jul-97				93.42	2.51	21.85	0.52	126.11	1.98	66.33	1.01	87.10	1.00							
15-Jul-97				105.79	2.54	21.75	0.52	61.41	0.88	62.30	0.90	69.49	0.95							
16-Jul-97				111.68	2.58	21.80	0.52	61.01	0.88	63.78	0.94	86.76	0.98							
17-Jul-97				102.26	2.62					66.45	0.95	83.77	0.89							
18-Jul-97				119.35	2.58					69.12	0.96	79.65	0.81							
19-Jul-97	63.72	74.98	1.85	107.06	2.55					63.52	0.86	76.30	0.74							
20-Jul-97	63.89	79.03	1.73	119.28	2.73					57.74	0.77	77.74	0.76							
21-Jul-97	64.06	81.11	1.62	117.75	2.91					56.58	0.73	75.28	0.71							
22-Jul-97	64.07	77.79	1.53	110.78	2.91	5.68	0.09	102.44	1.40	55.27	0.69	73.97	0.67							
23-Jul-97	64.14	83.82	1.42	99.95	2.37	5.76	0.09	102.71	1.40	60.55	0.78	66.42	0.60							
										54.02	0.67	71.17	0.70							

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)													
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
24-Jul-97	64.24	86.16	1.32	113.59	2.16	5.79	0.09	104.05	1.40					70.51	0.65
25-Jul-97	64.14	83.44	1.38	95.76	2.34	21.28	0.46	78.59	1.05					30.60	0.40
26-Jul-97	64.17	82.16	1.42	100.31	2.46	21.30	0.46	124.44	1.74					70.78	0.71
27-Jul-97	64.24	84.24	1.36	105.21	2.34	20.95	0.44	118.62	1.63					75.65	0.73
28-Jul-97	64.30	85.04	1.30	108.42	2.23	20.31	0.42	112.65	1.52					82.79	0.75
29-Jul-97	64.31	84.23	1.26	103.98	1.71	23.66	0.51	111.88	1.53					88.49	0.78
30-Jul-97	64.18	82.35	1.33	93.76	1.92	23.37	0.52	104.57	1.47					87.96	0.83
31-Jul-97	64.13	83.97	1.46	89.99	2.63	21.72	0.49	111.09	1.60						
01-Aug-97	64.09	83.97	1.59	95.57	2.34	20.04	0.44	112.26	1.60	60.34	0.77				
02-Aug-97	64.12	85.61	1.59	97.55	2.34	19.34	0.42	113.16	1.63	60.07	0.76				
03-Aug-97	63.99	81.36	1.60	100.49	2.76	20.88	0.46	105.29	1.51	60.41	0.78				
04-Aug-97	63.86	76.83	1.62	80.27	2.69	22.37	0.51	97.48	1.39	60.72	0.79				
05-Aug-97	64.04	84.18	1.66			22.88	0.51	98.84	1.39	64.96	0.85				
06-Aug-97	63.96	82.79	1.74			24.02	0.55	99.26	1.39	59.48	0.80	69.03	0.71		
07-Aug-97	63.87	78.11	1.74			22.70	0.52	96.19	1.39	72.62	0.90	97.34	0.88		
08-Aug-97						23.36	0.53	97.74	1.39	62.73	0.78	74.00	0.68		
09-Aug-97						23.02	0.53	96.97	1.39	60.30	0.77	85.56	0.77		
10-Aug-97						25.38	0.55	59.90	0.71	63.45	0.77	80.04	0.72		
11-Aug-97	64.89	86.06	0.95	117.95	1.47	27.82	0.57	64.54	0.77	60.11	0.72	74.88	0.66		
12-Aug-97	64.56	81.56	0.96	107.29	1.47	18.23	0.42	55.34	0.66	60.87	0.75	74.38	0.67		
13-Aug-97	64.76	85.92	0.97	110.10	1.49	18.53	0.42	55.54	0.65	54.16	0.64	71.35	0.63		
14-Aug-97	64.85	84.60	0.92	109.41	1.35	21.11	0.45	53.12	0.62	55.93	0.67	73.15	0.65		
15-Aug-97	64.94	83.00	0.87	106.34	1.22	23.78	0.49	50.71	0.59	57.68	0.69	74.91	0.67		
16-Aug-97	64.87	83.04	0.88	103.58	1.21	23.75	0.49	56.35	0.67	50.92	0.69	72.00	0.67		
17-Aug-97				109.61	1.25	23.77	0.49	56.83	0.68	54.79	0.69	73.52	0.68		
18-Aug-97				115.71	1.28			57.33	0.68	58.41	0.69	75.04	0.69		
19-Aug-97				110.56	1.41			48.56	0.56	59.17	0.72	75.79	0.69		
20-Aug-97				104.43	1.30			48.54	0.57	63.16	0.76	71.39	0.61		
21-Aug-97				95.73	1.12			49.88	0.57	63.53	0.76	75.46	0.65		
22-Aug-97				106.90	1.07			50.84	0.57	63.62	0.75	75.56	0.66		

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)															
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty					
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go				
23-Aug-97				106.71	1.07							68.20	0.81	63.28	0.75	73.72	0.64
24-Aug-97				107.87	1.15	22.83	0.48	64.27	0.77	78.90	0.95	70.71	0.61				
25-Aug-97	64.96	84.32	0.90	107.75	1.23	19.73	0.40	60.42	0.73	94.98	1.14	67.58	0.57				
26-Aug-97	64.56	84.69	1.05	99.91	1.30	25.83	0.56	61.67	0.78	87.28	1.14	41.39	0.34				
27-Aug-97	64.61	85.18	1.05	110.66	1.55	29.27	0.62	64.45	0.80	48.49	0.57	63.88	0.55				
28-Aug-97	64.59	89.74	1.21	118.90	1.84	24.54	0.52	52.87	0.64	67.45	0.83	69.33	0.63				
29-Aug-97	64.52	86.88	1.18	109.02	1.93	21.78	0.46	52.53	0.64	76.14	0.93	64.17	0.59				
30-Aug-97	64.50	89.60	1.19	115.96	1.92	22.00	0.46	52.73	0.64	72.71	0.92	61.96	0.58				
31-Aug-97	64.31	83.92	1.18	122.09	1.93	21.14	0.44	59.84	0.75	50.99	0.61	65.03	0.59				
01-Sep-97	64.31	82.67	1.17	128.01	1.94	20.28	0.43	66.90	0.86	56.55	0.71	68.96	0.61				
02-Sep-97	64.12	78.11	1.17	93.90	1.91	23.31	0.49			58.39	0.73	68.51	0.62				
03-Sep-97	64.14	78.27	1.17	67.89	1.94	23.16	0.49			57.73	0.70						
04-Sep-97	64.06	74.55	1.13	86.06	1.87	22.71	0.48			53.44	0.64						
05-Sep-97	64.06	76.58	1.18	77.93	1.91	22.64	0.48			61.09	0.75						
06-Sep-97	64.08	81.43	1.35	82.17	1.89	22.68	0.48	48.60	0.61	55.70	0.69						
07-Sep-97	64.09	83.20	1.43	82.50	1.88	22.27	0.48	48.79	0.61	59.39	0.74						
08-Sep-97	64.10	84.42	1.52	82.69	1.86	21.85	0.48	48.41	0.61	57.85	0.73						
09-Sep-97	64.08	82.80	1.47			22.05	0.48	49.18	0.62	57.70	0.73	71.06	0.64				
10-Sep-97	64.69	88.30	1.07			24.11	0.49	64.16	0.78	61.55	0.73	77.79	0.65				
11-Sep-97	64.79	92.64	1.16			23.76	0.49	61.50	0.76	60.48	0.73	77.28	0.67				
12-Sep-97	64.89	96.32	1.24	134.27	1.73	23.40	0.49	58.87	0.74	59.33	0.74	72.79	0.68				
13-Sep-97	64.76	95.87	1.24	113.69	1.73	23.20	0.49	69.23	0.90	53.69	0.67	72.50	0.70				
14-Sep-97	64.57	87.52	1.24	93.96	1.82	23.24	0.49	71.45	0.94	52.54	0.66	72.19	0.69				
15-Sep-97	64.38	78.06	1.24	58.69	1.90	23.28	0.49	73.70	0.98	51.40	0.64	71.89	0.69				
16-Sep-97	64.41	90.75	1.30	68.42	1.90	23.65	0.49	59.40	0.77	51.52	0.64	63.25	0.65				
17-Sep-97	64.64	87.58	1.07	93.75	1.39	24.30	0.49	61.89	0.77	53.36	0.63	73.53	0.64				
18-Sep-97	64.80	87.81	1.00	107.50	1.65	23.45	0.49	62.32	0.77	51.50	0.61	73.84	0.65				
19-Sep-97	64.88	90.76	1.07	118.96	1.91	24.46	0.49	56.04	0.67	54.30	0.64	65.06	0.59				
20-Sep-97	64.89	87.62	0.99	115.81	1.63	24.44	0.49	60.20	0.73	53.79	0.64	66.55	0.61				
21-Sep-97	64.09	48.93	0.97	112.95	1.57	24.50	0.49	65.97	0.81	64.73	0.79	66.38	0.61				

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go				
22-Sep-97	64.92	87.95	0.96	109.95	1.50	24.57	0.49	71.81	0.89	75.77	0.93	66.20	0.62						
23-Sep-97	65.00	84.01	0.87	115.62	1.49	22.36	0.44	74.00	0.90	56.48	0.66	68.66	0.59						
24-Sep-97	64.98	83.43	0.86	112.21	1.44	22.23	0.44	72.02	0.87	56.27	0.66	69.68	0.60						
25-Sep-97	64.89	81.90	0.86	118.43	1.68	21.97	0.44	64.17	0.76	55.01	0.66	68.97	0.60						
26-Sep-97	64.81	80.84	0.86	120.18	1.82	21.87	0.44	62.90	0.75	61.24	0.75	68.06	0.60						
27-Sep-97				112.21	1.44	23.10	0.46	74.86	0.91	54.71	0.66	71.22	0.63						
28-Sep-97				114.64	1.44	22.82	0.45	74.53	0.89	55.62	0.66	73.15	0.64						
29-Sep-97				117.02	1.44	22.53	0.44	74.18	0.88	56.53	0.66	72.81	0.65						
30-Sep-97				111.23	1.44	22.29	0.44	71.21	0.85	55.92	0.66	71.29	0.65						
01-Oct-97	64.64	85.24	1.07	115.37	1.79	22.72	0.46	68.52	0.83	54.22	0.66	66.77	0.64						
02-Oct-97	64.64	86.82	1.06	106.27	1.79	20.50	0.42	59.92	0.72			52.58	0.44						
03-Oct-97	64.54	84.23	1.06	99.76	1.38	22.33	0.46	56.45	0.68	59.76	0.74	73.80	0.65						
04-Oct-97	64.39	80.78	1.06	100.42	1.89	20.14	0.42	54.63	0.67	60.61	0.74	73.04	0.63						
05-Oct-97	64.72	85.87	1.02	124.47	1.65	23.16	0.47	60.61	0.71	82.32	0.94	78.26	0.62						
06-Oct-97	65.06	89.82	0.97	130.69	1.41	26.32	0.51	66.74	0.76	80.10	0.90	78.73	0.61						
07-Oct-97	65.41	94.12	0.93	108.88	1.36	26.51	0.51	67.22	0.76	76.99	0.90	62.64	0.61						
08-Oct-97	64.98	84.49	0.90	105.96	1.39	27.30	0.55	69.00	0.81	107.17	1.14	81.08	0.62						
09-Oct-97	65.80	93.58	0.84	110.47	1.30	26.37	0.52	70.53	0.81	102.22	1.05	76.92	0.55						
10-Oct-97	65.20	84.50	0.83	112.33	1.30	25.51	0.52	68.37	0.82	94.53	1.07	74.47	0.62						
11-Oct-97	65.01	77.98	0.77	102.47	1.30	24.97	0.52	67.13	0.82	92.16	1.07	72.03	0.62						
12-Oct-97	64.87	76.15	0.77	98.87	1.30	21.93	0.44	62.45	0.75	93.17	1.07	73.21	0.63						
13-Oct-97	64.73	74.25	0.78	95.12	1.30	18.84	0.37	57.73	0.68	94.16	1.07	74.37	0.63						
14-Oct-97	64.78	78.50	0.81	94.72	1.30	21.38	0.42	60.19	0.70	98.35	1.11	78.74	0.68						
15-Oct-97	64.90	76.08	0.77	106.50	1.30	19.50	0.37	60.76	0.69	103.35	1.13	82.38	0.68						
16-Oct-97	64.83	84.85	0.96	107.12	1.62	21.33	0.43	59.72	0.70	81.25	0.94	93.22	0.81						
17-Oct-97	65.45	94.02	0.84	102.02	1.33	19.54	0.39	58.03	0.68	75.89	0.92	58.20	0.52						
18-Oct-97	64.63	70.24	0.74	95.62	1.35	18.00	0.37	40.08	0.45	62.95	0.77	62.46	0.61						
19-Oct-97	64.65	70.47	0.74	93.89	1.35	19.14	0.38	40.75	0.45	56.38	0.68	55.15	0.50						
20-Oct-97	64.67	72.19	0.76	92.13	1.35	20.30	0.40	41.42	0.45			48.03	0.40						
21-Oct-97	64.58	70.31	0.76	91.41	1.35	20.23	0.40	41.23	0.45			48.67	0.40						

Table A-1. Continued

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
22-Oct-97	64.59	70.78	0.76	92.84	1.35	18.82	0.37	41.23	0.45			48.95	0.40						
23-Oct-97	64.18	64.48	0.77	74.87	1.35	18.34	0.37	39.79	0.45			47.09	0.40						
24-Oct-97	64.39	67.50	0.76	86.25	1.35	18.23	0.36	40.71	0.45	49.69	0.58	53.12	0.45						
25-Oct-97	64.55	70.84	0.76	91.41	1.35	18.57	0.36	40.86	0.45	49.86	0.58	57.93	0.49						
26-Oct-97	64.61	71.27	0.76	92.43	1.32	18.50	0.36	40.64	0.45	50.95	0.59	59.65	0.51						
27-Oct-97	64.67	71.60	0.76	93.25	1.29	18.43	0.36	40.62	0.45	52.05	0.60	61.17	0.52						
28-Oct-97	64.47	58.88	0.58	91.22	1.43	18.58	0.36	44.61	0.50	51.73	0.60	64.05	0.53						
29-Oct-97	64.50	59.78	0.58	92.07	1.98	18.77	0.37	44.36	0.50	51.17	0.60	57.57	0.53						
30-Oct-97	64.55	68.60	0.73	93.03	1.39	18.57	0.36	42.07	0.46	52.29	0.60	58.89	0.53						
31-Oct-97	64.54	68.82	0.73	93.77	1.39	19.23	0.37	41.75	0.45	52.29	0.60	59.17	0.54						
01-Nov-97	64.61	71.79	0.74	95.29	1.39	19.13	0.37	47.35	0.53	47.40	0.53	61.36	0.54						
02-Nov-97	64.47	69.71	0.74	86.96	1.39	18.71	0.36	47.00	0.53	49.48	0.56	60.18	0.54						
03-Nov-97	64.30	66.57	0.74	77.74	1.39	18.22	0.36	46.65	0.53	51.50	0.60	58.98	0.54						
04-Nov-97	64.15	65.08	0.74	80.36	1.39	18.54	0.38	45.62	0.53	52.02	0.62	57.28	0.54						
05-Nov-97	64.36	67.80	0.74	86.16	1.39	18.37	0.36	46.49	0.53	53.34	0.62	60.16	0.54						
06-Nov-97	64.43	69.23	0.74	93.29	2.00	24.64	0.50	42.37	0.47	51.81	0.60	59.63	0.54						
07-Nov-97	64.32	70.62	0.82	81.04	1.37	18.34	0.37	41.63	0.47	52.68	0.62	59.33	0.54						
08-Nov-97	64.18	68.89	0.82	75.00	1.37	18.00	0.37	40.98	0.47	53.85	0.65	58.25	0.54						
09-Nov-97	64.32	74.31	0.89	81.39	1.43	16.56	0.33	40.74	0.45	53.80	0.64	59.48	0.54						
10-Nov-97	64.45	76.20	0.91	87.85	1.49	15.06	0.29	40.47	0.44	53.70	0.62	60.69	0.54						
11-Nov-97	64.57	79.38	0.91	95.56	1.49	18.29	0.36	40.75	0.44	53.94	0.62	59.33	0.54						
12-Nov-97	64.58	83.33	1.01	86.44	1.22			41.07	0.44	51.07	0.58	61.46	0.54						
13-Nov-97	64.58	81.81	0.96	85.20	1.22			49.33	0.54	81.31	0.94	63.80	0.54						
14-Nov-97	64.49	78.16	0.92	84.12	1.21	23.65	0.48	64.53	0.77	79.02	0.94	61.61	0.54						
15-Nov-97	64.57	79.09	0.88	88.78	1.21	23.94	0.48	65.27	0.77	80.29	0.94	63.37	0.54						
16-Nov-97	64.50	77.91	0.88	84.00	1.27	23.65	0.48	49.42	0.56	79.02	0.94	61.41	0.54						
17-Nov-97	64.43	75.47	0.87	83.50	1.33	23.36	0.48	49.13	0.56	77.74	0.94	59.46	0.53						
18-Nov-97	64.58	70.34	0.72	92.66	1.61	19.93	0.39	49.14	0.55	58.99	0.68	60.77	0.53						
19-Nov-97	64.57	71.64	0.74	89.64	1.61	19.27	0.38	46.04	0.51	51.72	0.59	60.34	0.53						
20-Nov-97	64.55	70.71	0.74	97.89	2.01	19.29	0.38	46.25	0.51	56.36	0.65	61.20	0.53						

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)											
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty	
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go
20-Jan-98													
21-Jan-98													
22-Jan-98													
23-Jan-98													
24-Jan-98													
25-Jan-98													
26-Jan-98													
27-Jan-98													
28-Jan-98													
29-Jan-98													
30-Jan-98													
31-Jan-98													
01-Feb-98	64.23	72.59	0.82										
02-Feb-98	64.45	77.45	0.82	93.81	1.94	23.61	0.47	88.53	1.09	58.46	0.69		
03-Feb-98	64.02	67.61	0.82	69.74	2.41	24.78	0.52	52.43	0.63	67.84	0.86	64.63	0.59
04-Feb-98	64.09	77.97	1.05	78.89	2.99	24.81	0.52	55.10	0.67	53.06	0.65	70.15	0.66
05-Feb-98	64.15	80.93	1.06	78.54	3.06	26.48	0.56	59.74	0.73	54.95	0.67	70.07	0.64
06-Feb-98	64.21	82.14	1.07	78.05	3.12	28.16	0.59	62.11	0.76	56.86	0.69	69.85	0.62
07-Feb-98	64.21	81.90	1.07	81.50	3.09	35.59	0.76	65.13	0.80	44.01	0.51	64.88	0.56
08-Feb-98	64.26	85.81	1.15	64.64	3.17	29.76	0.62	66.41	0.81	50.12	0.59	60.40	0.51
09-Feb-98	64.25	86.50	1.23	35.98	3.05	23.80	0.48	67.69	0.82	56.36	0.66	55.67	0.46
10-Feb-98	64.37	86.38	1.09	80.84	3.07	21.38	0.42	49.92	0.56	96.86	1.19	56.68	0.48
11-Feb-98	64.40	84.33	1.00	80.84	3.07	20.93	0.41	46.69	0.51	57.95	0.67	62.89	0.53
12-Feb-98	64.45	84.14	0.98	114.33	3.07	18.01	0.34	47.69	0.52	56.56	0.65	59.58	0.49
13-Feb-98	64.39	81.86	0.94	99.01	3.07	17.94	0.34	47.63	0.52	50.46	0.57	56.43	0.46
14-Feb-98	64.30	86.42	1.13	57.17	3.07	17.78	0.34	39.88	0.42	47.59	0.54	56.19	0.46
15-Feb-98	64.31	77.63	0.89	79.54	3.18	17.14	0.33	49.53	0.56				
16-Feb-98	64.31	63.66	0.65	86.84	3.14	16.50	0.32	58.92	0.70				
17-Feb-98	64.08	63.46	0.65	74.84	2.99	17.28	0.34	53.48	0.63				
18-Feb-98	63.87	58.04	0.64	66.14	2.80	16.71	0.34	51.87	0.63				

Table A-1 Continued

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Vistro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
19-Feb-98	63.77	56.61	0.61	74.28	2.68	15.50	0.32	45.77	0.56										
20-Feb-98	63.53	65.61	0.96	51.23	2.50	14.54	0.32	44.81	0.58										
21-Feb-98	63.53	45.70	0.46	46.58	2.49	21.47	0.52	53.91	0.78										
22-Feb-98	63.89	58.34	0.61	65.00	2.79	19.76	0.44	52.91	0.68										
23-Feb-98	64.26	70.98	0.75	83.42	3.09	18.90	0.40	52.41	0.63										
24-Feb-98	64.18	68.72	0.73	92.37	3.25	18.04	0.36	51.91	0.58										
25-Feb-98	64.10	66.47	0.71	101.33	3.04	18.48	0.38	52.96	0.59	66.73	0.78	74.24	0.69						
26-Feb-98				87.85	3.04	17.61	0.34	50.85	0.58	64.94	0.78	70.89	0.69						
27-Feb-98	64.43	80.11	0.88	89.60	2.87	18.94	0.37	53.94	0.61	66.24	0.78	72.85	0.64						
28-Feb-98	64.32	77.12	0.89	83.09	2.87	18.66	0.37	65.76	0.79	63.07	0.76	75.02	0.63						
01-Mar-98	64.43	78.51	0.85	92.00	2.52	18.81	0.37	53.91	0.62	65.76	0.78	72.21	0.62						
02-Mar-98	64.37	76.57	0.83	92.92	2.17	18.96	0.37	41.85	0.45	67.48	0.80	64.87	0.61						
03-Mar-98	64.42	76.32	0.80	87.40	2.17	19.21	0.37	42.40	0.45	74.69	0.88	57.88	0.58						
04-Mar-98	64.55	77.96	0.80	92.85	2.07	19.32	0.37	42.14	0.44	82.04	0.96	61.48	0.60						
05-Mar-98	64.69	79.50	0.79	96.58	1.97	19.43	0.37	41.86	0.43	82.26	0.93	67.38	0.61						
06-Mar-98	64.58	78.32	0.78	96.74	1.98	19.43	0.37	42.21	0.43	78.86	0.93	67.03	0.58						
07-Mar-98	64.38	75.94	0.78	86.21	1.98	18.43	0.36	40.66	0.43	82.86	0.95	64.47	0.57						
08-Mar-98	64.43	82.57	0.88	85.87	1.85	18.57	0.36	51.36	0.58	83.42	0.97	67.29	0.58						
09-Mar-98	64.48	88.30	0.98	84.58	1.72	18.72	0.37	62.02	0.73	88.07	1.01	70.15	0.60						
10-Mar-98	64.53	84.84	0.88	88.02	1.75	18.29	0.36	45.48	0.51	90.82	1.05	70.46	0.62						
11-Mar-98	64.58	81.38	0.79	91.47	1.78	18.04	0.36	50.07	0.58	92.16	1.07	70.61	0.62						
12-Mar-98	64.70	90.13	0.90	99.49	1.78	18.00	0.36	39.60	0.43	93.49	1.10	70.77	0.63						
13-Mar-98	64.84	89.10	0.86	100.62	1.78	17.36	0.36	38.13	0.43	86.88	1.10	61.70	0.57						
14-Mar-98	64.28	78.31	0.83	86.16	1.78	15.37	0.33	36.40	0.43	96.27	1.33	59.15	0.63						
15-Mar-98	64.43	79.19	0.81	90.12	1.61	15.96	0.33	42.82	0.52	99.80	1.32	64.20	0.63						
16-Mar-98	64.63	81.02	0.78	90.27	1.44	16.01	0.33	49.48	0.60	103.16	1.32	70.37	0.63						
17-Mar-98	64.47	83.26	0.78	86.35	1.58	15.87	0.33	48.85	0.60	97.66	1.26	72.55	0.64						
18-Mar-98	64.19	83.66	0.96	74.19	1.58	15.57	0.33	47.94	0.60	95.87	1.26	71.01	0.64						
19-Mar-98	64.15	82.34	0.96	75.38	1.58	15.59	0.33	48.01	0.60	79.54	1.04	70.56	0.64						
20-Mar-98	64.19	81.26	0.94	80.57	1.84	15.57	0.33	47.94	0.60	81.31	1.06	70.44	0.64						

Table A-1 Continued.....

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahu Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
21-Mar-98	64.25	108.46	1.22	77.53	1.84	15.53	0.33	47.81	0.60	79.83	1.04	71.23	0.64						
22-Mar-98	64.29	109.64	1.22	79.07	1.84	15.55	0.33	47.88	0.60	81.60	1.06	71.79	0.65						
23-Mar-98	64.31	110.04	1.22	79.07	1.84	15.64	0.33	47.47	0.59	82.49	1.06	72.34	0.65						
24-Mar-98	64.34	110.81	1.22	79.07	1.84	15.73	0.33	47.07	0.58	83.39	1.07	69.18	0.66						
25-Mar-98	64.59	82.49	0.84	79.22	1.72	16.01	0.33	47.94	0.58	85.33	1.07	66.87	0.66						
26-Mar-98	64.84	83.88	0.79	91.39	1.81	16.93	0.33	50.62	0.58	74.80	0.93	62.67	0.57						
27-Mar-98	64.71	87.56	0.86	86.81	1.69	16.89	0.33	54.79	0.65	64.58	0.76	66.36	0.57						
28-Mar-98	64.77	91.25	0.94	82.22	1.58	16.84	0.34	58.95	0.72	66.86	0.79	67.03	0.57						
29-Mar-98	64.65	91.33	0.93	84.27	1.63	16.90	0.34	58.79	0.71	64.09	0.76	66.72	0.58						
30-Mar-98	64.58	91.40	0.93	86.32	1.69	16.95	0.34	58.63	0.71	63.50	0.76	65.73	0.58						
31-Mar-98	64.61	84.70	0.83	88.16	1.69	17.23	0.34	59.47	0.71	64.39	0.76	67.56	0.58						
01-Apr-98	64.88	77.99	0.73	90.00	1.69	17.50	0.34	60.31	0.71	65.05	0.77	72.08	0.58						
02-Apr-98	64.89	75.43	0.69	87.69	1.50	17.81	0.34	65.17	0.77	65.63	0.77	67.98	0.58						
03-Apr-98	64.68	72.86	0.65	85.38	1.31	18.13	0.35	70.03	0.83	65.58	0.77	69.28	0.58						
04-Apr-98	64.80	73.19	0.63	97.49	1.53	18.22	0.35	70.42	0.83	65.19	0.75	62.61	0.55						
05-Apr-98	64.68	71.99	0.63	93.56	1.53	18.18	0.35	70.19	0.83	64.48	0.75	62.40	0.55						
06-Apr-98	64.55	70.60	0.63	89.46	1.53	18.13	0.35	69.95	0.83	63.76	0.75	62.18	0.56						
07-Apr-98	64.55	72.11	0.66	88.61	1.58	18.06	0.35	70.01	0.83	63.78	0.75	61.58	0.54						
08-Apr-98	64.55	73.62	0.70	87.76	1.63	18.03	0.35	70.04	0.83	63.79	0.75	60.97	0.52						
09-Apr-98	64.54	75.14	0.73	86.91	1.68	18.00	0.35	70.07	0.83	63.83	0.75	60.37	0.50						
10-Apr-98	64.54	76.65	0.76	86.06	1.73	18.13	0.35	70.58	0.83	63.86	0.74	59.77	0.49						
11-Apr-98	64.45	76.19	0.76	82.28	1.73	17.87	0.35	69.56	0.83	63.10	0.74	63.82	0.55						
12-Apr-98	64.51	74.05	0.74	84.35	1.76	18.00	0.35	63.03	0.75	63.28	0.75	63.62	0.56						
13-Apr-98	64.53	76.12	0.76	85.39	1.78	18.06	0.35	62.24	0.73	63.45	0.75	63.52	0.56						
14-Apr-98	64.55	78.19	0.79	86.42	1.81	18.13	0.35	61.45	0.72	63.80	0.76	63.42	0.57						
15-Apr-98	64.56	79.92	0.81	82.91	1.83	18.17	0.35	61.60	0.72	63.97	0.76	63.22	0.58						
16-Apr-98	64.58	81.66	0.83	79.40	1.86	18.22	0.35	61.74	0.72	64.13	0.77	63.12	0.58						
17-Apr-98	64.43	78.13	0.82	90.56	1.99	16.31	0.31	39.11	0.42	64.46	0.78	63.02	0.59						
18-Apr-98	64.47	77.51	0.84	79.83	1.98	17.34	0.33	56.10	0.66	64.36	0.78	70.43	0.60						
19-Apr-98	64.51	80.12	0.86	76.36	1.98	17.86	0.35	54.47	0.63	62.90	0.75	72.40	0.62						

DATE	Water Level at RD 343 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Visro Minor		Kahju Minor		Sanro Disty		Bareji Disty							
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go						
20-Apr-98	64.55	82.75	0.89	72.74	1.99	18.38	0.36	52.86	0.60	61.40	0.73	74.98	0.64						
21-Apr-98	64.48	81.90	0.89	64.63	1.99	20.79	0.41	52.85	0.61	61.12	0.73	74.63	0.64						
22-Apr-98	64.57	86.67	0.89	72.74	1.99	18.31	0.36	52.90	0.60	61.31	0.73	83.77	0.71						
23-Apr-98	64.54	87.22	0.89	72.74	1.99	18.35	0.36	53.02	0.60	61.59	0.73	85.17	0.72						
24-Apr-98	64.55	86.49	0.99	63.10	2.27	20.38	0.41	55.91	0.66	60.65	0.73	81.46	0.70						
25-Apr-98	64.60	86.16	0.99	65.90	2.27	23.05	0.46	51.76	0.59	60.84	0.73	82.02	0.69						
26-Apr-98	64.62	88.29	1.02	71.76	2.21	21.60	0.43	51.90	0.59	61.26	0.73	80.17	0.68						
27-Apr-98	64.63	90.04	1.05	62.42	2.15	20.18	0.40	52.78	0.60	61.69	0.73	78.13	0.66						
28-Apr-98	64.71	93.21	1.06	85.67	2.18	25.54	0.52	51.87	0.59	60.84	0.73	69.98	0.59						
29-Apr-98	64.88	86.52	0.90	111.10	2.18	25.76	0.52	52.51	0.59	61.22	0.73	72.43	0.61						
30-Apr-98	64.84	80.70	0.80	108.06	2.18	17.78	0.34	52.09	0.59	60.93	0.73	65.41	0.55						

Table B-1 Continued.....

DATE	WaterLevel at RD 38 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)											
		Lakhakhi Disty		Bhittaro Minor		Sangro Disty		Bellaro Minor		Daulatpur Minor			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
27-Mar-97	65.60	53.76	1.42	15.56		103.15	1.07	57.47	1.09	35.99	0.56		
28-Mar-97	65.34	51.25	1.56	15.50		116.01	1.33	52.11	1.09	34.55	0.56		
29-Mar-97	65.53	65.15	1.94	15.91		121.96	1.43	55.96	1.09	29.04	0.40		
30-Mar-97	65.80	67.72	1.47	16.08		128.07	1.33	59.20	1.07	30.23	0.40		
31-Mar-97	66.08	57.13	1.00	16.24		130.76	1.23	61.87	1.04	31.36	0.39		
01-Apr-97	66.19	58.36	1.00	16.09		132.86	1.39	56.65	1.01	31.96	0.40		
02-Apr-97	66.26	60.73	1.00	16.24		119.31	1.17	60.56	1.04	32.46	0.41		
03-Apr-97	66.50	46.43	0.56	16.91		112.36	0.98	62.73	1.04	34.01	0.40		
04-Apr-97	66.36	62.06	1.00	16.64		138.33	1.30	61.66	1.04	32.80	0.40		
05-Apr-97	66.20	72.09	1.20	16.56		137.30	1.30	59.92	1.01	32.97	0.40		
06-Apr-97	66.41	70.57	1.10	16.99		140.68	1.31	59.92	1.01	33.09	0.40		
07-Apr-97	66.62	68.04	0.99	17.41		144.11	1.32	59.92	1.01	33.20	0.39		
08-Apr-97	66.60	68.67	1.00	16.93		147.69	1.32	60.56	1.01	30.14	0.35		
09-Apr-97	66.81	71.80	1.00	17.48		147.03	1.32	61.45	1.01	35.76	0.44		
10-Apr-97	66.74	72.65	1.00	17.40		100.03	1.16	68.39	1.14	35.70	0.44		
11-Apr-97				17.76		155.56	1.16	70.03	1.15	36.90	0.44		
12-Apr-97				16.75		156.82	1.16	63.87	1.04	35.40	0.44		
13-Apr-97				16.64		137.20	1.09	63.63	1.04	34.64	0.42		
14-Apr-97				16.54		118.04	1.02	63.39	1.04	33.96	0.41		
15-Apr-97				15.81		129.48	1.33	60.00	1.04	31.97	0.41		
16-Apr-97				16.46		130.92	1.32	60.65	1.02	30.89	0.41		
17-Apr-97				17.16		130.59	1.33	61.51	1.04				
18-Apr-97				17.47		130.23	1.33	61.88	1.05				
19-Apr-97				17.57		130.79	1.32	62.37	1.05				
20-Apr-97				17.63		130.97	1.25	62.36	1.05				
21-Apr-97	66.88	55.07	0.63	17.83		130.06	1.18	62.36	1.05	47.62	0.55		
22-Apr-97	66.75	39.19	0.63	17.78		130.99	1.18	64.78	1.05	43.31	0.55		
23-Apr-97	66.87	78.89	1.28	17.68		129.79	1.17	64.73	1.05	44.32	0.55		
24-Apr-97	66.84	78.36	1.28	17.73		130.37	1.16	65.65	1.05	45.42	0.55		
25-Apr-97	67.01	85.58	1.24	17.71		127.08	1.17	65.14	1.05				

Table B-1 Continued.....

DATE	WaterLevel at RD 38 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)											
		Lakhakhi Disty		Bhittaro Minor		Sangro Disty		Bellaro Minor		Daulatpur Minor			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
26-Apr-97	67.09	93.65	1.24	17.73		116.38	1.03	58.78	0.98				
27-Apr-97	67.10	88.75	1.26	17.68		117.83	1.05	58.23	0.98				
28-Apr-97	67.12	83.18	1.28	17.63		119.29	1.07	57.68	0.98				
29-Apr-97	67.17	85.19	1.28	17.65		129.01	1.14	59.49	0.98				
30-Apr-97	67.15	88.10	1.35	17.57		131.34	1.20	57.89	0.98				
01-May-97	67.19	88.10	1.35	17.67		128.74	1.15	57.71	0.96				0.64
02-May-97	67.23	88.10	1.35	17.77		125.88	1.10	57.62	0.95				0.53
03-May-97	67.39	85.51	1.13	18.11		129.06	1.09	57.92	0.95				0.53
04-May-97	67.49	92.27	1.23	18.24		132.06	1.12	57.54	0.94				0.55
05-May-97	67.59	88.01	1.13	18.35		135.11	1.14	57.52	0.93				0.58
06-May-97	67.40	89.85	1.23	18.35		139.03	1.16	57.51	0.93				0.58
07-May-97	66.81	77.70	1.23	18.38		124.95	1.03	57.37	0.93				0.58
08-May-97				14.37		95.41	1.31	46.96	0.93				0.54
09-May-97				18.31		145.01	1.26	56.33	0.93				0.50
10-May-97	67.38	64.33	0.70	18.47		137.63	1.14	56.94	0.93				0.50
11-May-97	67.30	71.44	0.84	18.29		129.90	1.09	54.78	0.92				0.61
12-May-97	67.23	76.73	0.99	18.10		122.36	1.04	54.76	0.90				0.57
13-May-97	67.38	79.50	0.98	18.37		144.56	1.28	53.06	0.90				0.54
14-May-97	67.24	79.97	1.02	18.31		149.51	1.36	56.40	0.97				0.55
15-May-97	67.18	84.11	1.18	18.28		149.31	1.35	57.39	0.97				0.49
16-May-97	67.19	80.33	1.06	18.51		109.68	0.83	57.70	0.97				0.63
17-May-97	67.02	75.70	1.01	18.10		132.46	1.09	56.35	0.97				0.63
18-May-97	66.94	39.23	0.48	17.90		137.32	1.18	55.66	0.97				0.63
19-May-97	66.86	71.20	0.96	17.69		141.14	1.27	54.96	0.97				0.63
20-May-97	67.03	72.72	0.95	17.97		142.80	1.27	59.72	1.04				0.55
21-May-97	67.20	80.68	1.04	18.30		139.04	1.16	56.04	0.95				0.64
22-May-97	67.20	81.24	1.05	18.38		148.33	1.31						0.56
23-May-97	67.05	82.69	1.16	18.40		132.75	1.16						0.49
24-May-97	67.16	81.70	1.16	18.37		151.07	1.37						0.56
25-May-97	67.07	78.77	1.16	18.15		151.84	1.40						0.59

Table B-1 Continued.....

DATE	WaterLevel at RD 38 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)											
		Lakhakhi Disty		Bhittaro Minor		Sangro Disty		Bellaro Minor		Daulatpur Minor			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
26-May-97	66.99	75.77	1.16	17.92		152.53	1.43			46.52	0.62		
27-May-97	67.04	77.79	1.16	18.27		151.30	1.43			46.74	0.62		
28-May-97	67.02	77.61	1.16	18.10		151.13	1.43	71.43	1.24	42.56	0.55		
29-May-97	66.97	88.82	1.50	18.38		58.63	0.44	68.02	1.16	37.50	0.45		
30-May-97	66.90	86.74	1.50	18.73		53.80	0.36	68.44	1.16	39.82	0.48		
31-May-97	66.88	86.30	1.50	18.31		62.59	0.43	60.50	1.03	44.23	0.54		
01-Jun-97	66.92	87.93	1.59	18.23		151.29	1.34	68.04	1.16	35.12	0.42		
02-Jun-97	66.94	88.59	1.64	18.19		154.68	1.34	65.92	1.16	37.61	0.48		
03-Jun-97	66.96	89.12	1.69	18.15		147.82	1.34	67.64	1.20	38.76	0.48		
04-Jun-97	66.99	90.16	1.69	18.19		121.36	0.97	72.87	1.30	33.83	0.41		
05-Jun-97	67.30	50.90	0.51	18.38		144.04	1.23	67.04	1.18	36.61	0.48		
06-Jun-97	67.11	107.82	1.33	17.96		152.94	1.46	63.23	1.13	39.54	0.53		
07-Jun-97	67.24	85.96	1.28	18.22		137.17	1.17	65.04	1.13	41.01	0.55		
08-Jun-97	67.14	82.94	1.28	18.01		146.41	1.32	67.40	1.19	40.37	0.54		
09-Jun-97	67.05	79.84	1.28	17.79		153.63	1.47	69.70	1.25	31.72	0.38		
10-Jun-97	67.08	78.23	1.19			144.18	1.46	69.91	1.25	36.24	0.48		
11-Jun-97	67.12	104.18	1.18			145.85	1.45	67.29	1.18	41.00	0.55		
12-Jun-97	67.07	84.78	1.35	17.71		117.61	0.99	66.21	1.18	40.71	0.55		
13-Jun-97	67.17	84.35	1.31	18.21		117.32	0.93	66.71	1.17	31.72	0.38		
14-Jun-97	66.08	33.11	1.30	17.85		155.63	1.46	66.16	1.13				
15-Jun-97	66.54	61.76	1.29	17.75		150.83	1.47	64.56	1.11				
16-Jun-97	66.99	80.69	1.29	17.66		145.84	1.47	63.82	1.11				
17-Jun-97	67.01	82.43	1.29	17.77		153.52	1.61	63.44	1.11				
18-Jun-97	67.11	93.21	1.29	17.71		152.44	1.49	65.57	1.12				
19-Jun-97	67.12	74.98	1.12	17.66		145.70	1.44	64.90	1.10				
20-Jun-97	67.07	84.69	1.31	17.53		148.11	1.44	62.97	1.10	39.16	0.52		
21-Jun-97	66.86	84.49	1.31	17.39		151.20	1.51			42.28	0.59		
22-Jun-97	66.85	85.76	1.31	17.23		146.45	1.47	60.69	1.09	31.07	0.45		
23-Jun-97	66.84	86.24	1.31	17.07		141.75	1.42	58.47	1.08	43.44	0.69		
24-Jun-97	66.84	87.05	1.31	17.18		158.93	1.76	59.32	1.08	44.01	0.69		

Table B-1 Continued.....

DATE	WaterLevel at RD 38 (ft)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)											
		Lakhakhi Disty		Bhittaro Minor		Sangro Disty		Bellaro Minor		Daulatpur Minor			
		Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go	Q	Avg. Go		
21-Apr-98	67.23	105.03	1.54	18.06		126.06	1.03	59.56	1.01	40.61	0.52		
22-Apr-98	67.17	75.64	1.27	17.96		138.27	1.14	59.40	1.01	38.67	0.51		
23-Apr-98	67.18	76.23	1.18	18.01		121.15	1.03	58.58	1.01	38.45	0.51		
24-Apr-98	67.18	75.33	1.13	18.04		136.10	1.13	58.96	1.01	45.82	0.62		
25-Apr-98	67.22	76.20	1.13	18.10		128.05	1.05	58.36	1.01	41.66	0.53		
26-Apr-98	67.29	82.53	1.21	18.14		129.01	1.05	58.66	1.01	41.04	0.52		
27-Apr-98	67.15	81.83	1.28	18.17		131.18	1.07	58.96	1.01	40.42	0.51		
28-Apr-98	67.04	78.00	1.28	17.73		129.99	1.08	57.92	1.01	39.34	0.51		
29-Apr-98	67.11	82.17	1.28	17.78		138.88	1.24	58.80	1.01	39.57	0.52		
30-Apr-98	67.17	75.40	1.03	17.89		148.32	1.22	51.28	0.87	40.75	0.52		

ANNEX C. HOURLY AVERAGE GATE OPENINGS AND DISCHARGE MEASUREMENTS OF THE SELECTED OFFTAKES OF MIRPURKHAS SUB-DIVISION TAKEN IN MARCH-APRIL, JUNE AND AUGUST, 1998

Table C-1. Hourly Average Gate Openings, Discharge Measurements of the Selected Offtakes of the Mirpurkhas Sub-division During March-April 1998.

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																			
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty							
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q						
26-Mar	18	0.79	86.21	1.62	111.04																
	19	0.79	86.21	1.62	111.04																
	20	0.79	86.21	1.62	111.04	0.76	64.87	0.65	71.59	1.38	82.60	1.11	119.38	1.34	77.99						
	21	0.79	85.69	1.62	109.34	0.76	64.87	0.65	71.47	1.38	83.75	1.11	119.38	1.34	77.99						
	22	0.79	86.01	1.62	109.34	0.76	64.87	0.65	71.34	1.38	83.75	1.11	119.13	1.34	78.13						
	23	0.79	86.21	1.62	109.34	0.76	64.67	0.65	71.22	1.38	85.26	1.16	123.30	1.34	78.27						
27-Mar	24	0.79	86.42	1.62	109.34	0.76	64.58	0.65	71.47	1.38	85.26	1.16	123.30	1.34	78.34						
	1	0.79	86.42	1.62	109.34	0.76	64.67	0.65	71.47	1.39	85.46	1.16	122.76	1.34	78.41						
	2	0.79	86.21	1.62	106.75	0.76	64.77	0.65	71.47	1.39	85.46	1.16	123.03	1.34	78.48						
	3	0.79	86.01	1.62	106.75	0.76	64.67	0.65	71.47	1.39	85.46	1.16	123.03	1.34	78.62						
	4	0.79	86.01	1.62	106.75	0.76	64.77	0.65	71.47	1.39	85.83	1.16	123.03	1.34	78.83						
	5	0.79	86.01	1.62	106.75	0.76	64.77	0.65	71.34	1.39	86.21	1.16	123.03	1.34	78.89						
	6	0.79	86.21	1.62	106.75	0.76	64.77	0.65	71.47	1.39	86.21	1.16	122.76	1.34	78.96						
	7	0.79	86.21	1.50	103.62	0.76	64.67	0.65	71.47	1.39	86.21	1.16	123.03	1.34	78.96						
	8	0.79	87.25	1.50	105.16	0.76	64.58	0.59	65.62	1.39	86.21	1.16	122.76	1.34	78.83						
	9	0.79	87.04	1.50	105.54	0.76	64.58	0.59	65.62	1.39	86.21	1.16	122.76	1.34	78.48						
	10	0.79	86.83	1.50	106.67	0.76	64.67	0.59	65.62	1.39	79.59	1.16	123.03	1.53	88.45						
	11	0.79	86.73	1.50	107.42	0.76	64.58	0.59	65.62	1.39	77.54	1.16	122.76	1.25	73.11						
	12	0.79	86.52	1.50	106.29	0.76	64.58	0.59	65.62	1.39	77.54	1.16	122.49	1.25	73.04						
	13	0.79	85.90	1.50	105.92	0.76	64.67	0.59	65.39	1.39	77.54	1.16	121.41	1.25	72.91						
	14	0.79	85.69	1.50	106.29	0.76	64.58	0.59	65.51	1.39	77.54	1.16	121.14	1.25	72.85						
	15	0.79	85.80	1.50	106.29	0.76	64.58	0.59	65.51	1.39	77.54	1.16	121.41	1.25	72.91						
	16	0.79	85.80	1.50	106.29	0.76	64.67	0.59	65.62	1.39	77.54	1.16	120.87	1.25	72.85						
	17	0.79	85.59	1.50	106.67	0.76	64.58	0.59	65.62	1.39	77.54	1.16	121.41	1.25	72.85						
	18	0.79	85.59	1.50	108.31	0.76	64.39	0.59	65.39	1.39	77.54	1.16	119.50	1.21	70.22						
				1.50	108.31	0.76	64.39	0.59	65.28	1.39	80.00	1.15	118.72	1.21	70.41						

Table C-1 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q								
	19	0.79	85.80	1.50	107.05	0.76	64.39	0.59	65.28	1.39	80.00	1.15	118.45	1.21	70.41										
	20	0.79	86.01	1.50	107.42	0.76	64.39	0.59	65.39	1.39	81.99	1.15	118.17	1.21	70.53										
	21	0.79	86.01	1.50	107.42	0.76	64.19	0.59	65.16	1.39	82.38	1.15	118.45	1.21	70.53										
	22	0.79	86.11	1.50	106.67	0.76	64.19	0.59	65.04	1.39	82.38	1.15	119.27	1.21	70.53										
	23	0.79	84.75	1.50	108.90	0.76	64.19	0.59	64.93	1.39	81.20	1.15	119.00	1.21	70.60										
	24	0.79	85.17	1.50	108.90	0.76	64.19	0.59	64.93	1.39	81.20	1.15	119.54	1.21	70.72										
28-Mar	1	0.79	86.21	1.50	110.36	0.76	64.19	0.59	64.93	1.39	80.80	1.15	119.59	1.21	70.79										
	2	0.79	85.38	1.50	111.45	0.76	64.10	0.59	65.04	1.39	81.20	1.15	119.87	1.21	70.85										
	3	0.79	86.21	1.50	112.16	0.76	64.19	0.59	65.04	1.39	80.80	1.15	120.14	1.21	70.97										
	4	0.79	86.32	1.50	112.16	0.76	64.48	0.59	65.39	1.39	81.60	1.15	120.33	1.21	71.04										
	5	0.79	86.42	1.50	110.87	0.76	64.58	0.59	65.39	1.39	82.38	1.15	120.68	1.21	71.10										
	6	0.79	87.45	1.50	111.09	0.76	64.67	0.59	65.39	1.39	81.99	1.15	121.36	1.21	71.16										
	7	0.79	87.55	1.50	110.72	0.77	65.72	0.59	66.31	1.39	80.40	1.15	122.86	1.21	71.04										
	8	0.79	88.06	1.50	110.36	0.79	66.67	0.59	65.62	1.39	81.99	1.15	123.62	1.21	70.72										
	9	0.79	88.27	1.50	110.36	0.83	70.10	0.59	65.51	1.39	82.38	1.13	121.98	1.21	70.66										
	10	0.79	88.27	1.50	111.09	0.83	70.00	0.59	65.62	1.39	82.38	1.13	120.75	1.21	70.60										
	11	0.79	88.27	1.50	110.36	0.83	70.10	0.59	65.74	1.39	81.60	1.13	121.65	1.21	70.53										
	12	0.79	88.16	1.50	110.36	0.83	70.00	0.59	65.62	1.39	81.20	1.13	121.45	1.21	70.47										
	13	0.79	88.27	1.50	110.00	0.83	70.10	0.59	65.62	1.39	80.80	1.13	121.42	1.21	70.34										
	14	0.79	88.16	1.50	109.63	0.83	70.10	0.59	65.62	1.39	80.40	1.13	121.29	1.21	70.28										
	15	0.79	87.96	1.50	109.63	0.83	70.10	0.59	65.74	1.39	80.00	1.13	120.36	1.21	70.28										
	16	0.79	87.76	1.50	110.36	0.83	70.31	0.59	65.62	1.39	80.00	1.13	120.78	1.21	70.22										
	17	0.79	87.45	1.50	109.27	0.83	70.21	0.59	65.51	1.39	80.00	1.13	120.49	1.21	70.03										
	18	0.79	87.45	1.50	108.90	0.83	70.10	0.59	65.62	1.39	81.20	1.13	119.58	1.21	70.03										
	19	0.79	87.04	1.50	107.42	0.83	70.00	0.59	65.28	1.39	80.80	1.13	119.32	1.21	70.03										
	20	0.79	87.04	1.50	107.42	0.83	69.79	0.59	65.16	1.39	80.80	1.13	119.32	1.21	70.03										
	21	0.79	86.90	1.50	107.05	0.83	69.68	0.59	65.28	1.39	80.80	1.13	119.45	1.21	69.90										
	22	0.79	86.83	1.50	105.92	0.83	69.68	0.59	65.28	1.39	82.38	1.13	119.45	1.21	69.96										
	23	0.79	86.83	1.50	107.42	0.83	69.68	0.59	65.04	1.39	82.38	1.13	119.40	1.21	69.96										
	24	0.79	86.83	1.50	107.79	0.83	69.37	0.59	64.93	1.39	81.99	1.13	119.40	1.21	70.03										

Table C-1 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty					
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
29-Mar	1	0.79	86.63	1.50	107.05	0.83	69.37	0.59	64.81	1.39	81.99	1.13	119.16	1.21	70.03				
	2	0.79	86.63	1.50	107.05	0.83	69.47	0.59	64.81	1.39	81.60	1.13	119.45	1.21	70.15				
	3	0.79	87.04	1.50	106.82	0.83	69.37	0.59	64.81	1.39	81.60	1.13	119.19	1.21	70.22				
	4	0.79	87.04	1.50	106.82	0.83	69.37	0.59	64.58	1.39	80.00	1.13	120.47	1.21	70.28				
	5	0.79	86.96	1.50	106.67	0.83	69.37	0.59	64.58	1.39	79.59	1.13	119.71	1.21	70.41				
	6	0.79	86.94	1.50	107.05	0.83	69.37	0.59	64.70	1.39	78.37	1.13	120.75	1.21	70.41				
	7	0.79	86.52	1.50	107.05	0.83	69.37	0.59	64.70	1.39	77.96	1.13	120.75	1.21	70.60				
	8	0.79	86.42	1.50	108.90	0.83	69.37	0.60	65.75	1.39	78.78	1.13	121.19	1.21	70.41				
	9	0.79	86.52	1.50	109.63	0.83	69.68	0.60	66.11	1.39	78.37	1.13	121.47	1.21	70.15				
	10	0.79	86.11	1.50	108.53	0.76	64.28	0.60	65.99	1.39	77.96	1.13	121.01	1.21	69.96				
	11	0.79	85.90	1.50	108.16	0.76	64.19	0.60	65.99	1.39	77.96	1.13	120.78	1.21	69.90				
	12	0.79	85.69	1.50	107.05	0.76	64.28	0.60	65.99	1.39	77.96	1.13	120.85	1.21	69.83				
	13	0.79	85.27	1.50	105.92	0.76	64.38	0.60	66.11	1.39	77.12	1.13	120.39	1.21	69.71				
	14	0.79	84.96	1.50	106.29	0.76	64.38	0.60	66.11	1.39	77.54	1.13	120.62	1.21	69.52				
	15	0.79	85.06	1.50	106.29	0.76	64.19	0.60	65.99	1.39	77.54	1.13	120.52	1.21	69.32				
	16	0.79	85.06	1.50	106.67	0.76	64.09	0.60	65.99	1.39	77.54	1.13	120.49	1.21	69.26				
	17	0.79	85.06	1.50	107.05	0.76	64.09	0.60	65.87	1.39	77.54	1.13	120.28	1.21	69.52				
	18	0.79	84.64	1.50	106.29	0.76	63.99	0.60	65.87	1.39	79.19	1.13	120.18	1.21	69.52				
	19	0.79	84.75	1.50	105.92	0.76	63.99	0.60	65.87	1.39	79.19	1.13	119.84	1.21	69.58				
	20	0.79	84.54	1.50	105.92	0.76	63.99	0.60	65.52	1.39	80.40	1.13	119.84	1.21	69.52				
	21	0.79	84.11	1.50	106.29	0.76	63.89	0.60	65.52	1.39	80.80	1.13	119.79	1.21	69.52				
	22	0.79	84.11	1.50	106.29	0.76	63.80	0.60	65.40	1.39	79.59	1.13	119.84	1.21	69.52				
	23	0.79	84.64	1.50	106.67	0.76	63.89	0.60	65.40	1.39	80.40	1.13	120.15	1.21	69.64				
	24	0.79	85.38	1.50	107.42	0.76	63.70	0.60	65.40	1.39	81.20	1.13	120.10	1.21	69.96				
30-Mar	1	0.79	85.48	1.50	107.42	0.76	63.80	0.60	65.28	1.39	80.00	1.13	120.10	1.21	70.03				
	2	0.79	85.17	1.50	108.90	0.76	63.80	0.60	65.28	1.39	80.00	1.13	119.97	1.21	70.09				
	3	0.79	85.06	1.50	108.53	0.76	63.70	0.60	65.28	1.39	79.19	1.13	119.97	1.21	70.15				
	4	0.79	85.48	1.50	108.53	0.76	63.50	0.60	65.28	1.39	79.19	1.13	120.23	1.21	70.22				
	5	0.79	85.38	1.50	109.63	0.76	63.60	0.60	65.04	1.39	80.40	1.13	120.28	1.21	70.28				
	6	0.79	85.59	1.50	110.00	0.76	63.40	0.60	65.04	1.39	80.80	1.13	120.47	1.21	70.34				

Table C-1 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q										
	7	0.79	86.42	1.50	111.09	0.76	63.40	0.60	65.16	1.39	82.77	1.13	120.62	1.21	70.22										
	8	0.79	85.90	1.50	108.90	0.76	63.50	0.60	65.16	1.39	81.20	1.13	120.75	1.25	72.65										
	9	0.79	85.59	1.50	107.05	0.76	63.60	0.60	65.28	1.39	80.40	1.13	120.41	1.25	72.32										
	10	0.79	85.17	1.50	104.39	0.76	63.99	0.60	65.64	1.39	80.00	1.13	120.21	1.25	72.12										
	11	0.79	84.75	1.50	104.01	0.76	64.09	0.60	65.87	1.39	80.00	1.13	119.74	1.25	71.99										
	12	0.79	84.54	1.50	103.62	0.76	64.19	0.60	65.99	1.39	80.00	1.13	119.58	1.25	71.92										
	13	0.79	84.75	1.50	102.85	0.76	64.38	0.60	66.11	1.39	80.00	1.13	119.35	1.25	71.86										
	14	0.79	84.54	1.50	101.28	0.76	64.48	0.60	66.34	1.39	80.00	1.13	119.35	1.25	71.72										
	15	0.79	84.32	1.50	101.67	0.76	64.58	0.60	66.34	1.39	80.40	1.13	119.97	1.25	71.72										
	16	0.79	84.32	1.50	102.06	0.76	64.48	0.60	66.23	1.39	80.40	1.13	120.15	1.25	71.79										
	17	0.79	84.43	1.31	96.66	0.76	64.38	0.60	66.23	1.39	80.40	1.13	120.36	1.25	71.92										
	18	0.79	84.64	1.31	96.98	0.76	64.48	0.60	66.11	1.39	80.80	1.13	119.84	1.25	72.05										
	19	0.79	84.85	1.31	96.98	0.76	64.38	0.60	66.23	1.39	80.80	1.13	119.89	1.25	72.05										
	20	0.79	85.17	1.31	96.98	0.76	64.38	0.60	66.11	1.39	81.60	1.13	119.71	1.25	72.12										
	21	0.79	85.27	1.31	98.24	0.76	64.38	0.60	65.99	1.39	81.60	1.13	120.36	1.25	72.12										
	22	0.79	84.96	1.31	98.87	0.76	64.48	0.60	66.11	1.39	82.77	1.13	120.49	1.25	72.25										
	23	0.79	84.96	1.31	98.87	0.76	64.28	0.60	66.11	1.39	82.77	1.13	120.88	1.25	72.39										
	24	0.79	85.90	1.31	101.32	0.76	64.48	0.60	66.11	1.39	81.99	1.13	121.39	1.25	72.52										
31-Mar	1	0.79	85.90	1.31	101.32	0.76	64.48	0.60	66.23	1.39	83.16	1.13	121.32	1.25	72.65										
	2	0.79	86.32	1.31	102.53	0.76	64.48	0.60	66.23	1.39	83.16	1.13	121.45	1.25	72.78										
	3	0.79	86.42	1.31	103.13	0.76	64.48	0.60	66.23	1.39	82.77	1.13	121.83	1.25	72.78										
	4	0.79	86.63	1.31	102.83	0.76	64.48	0.60	65.99	1.39	83.16	1.13	122.47	1.25	72.85										
	5	0.79	86.73	1.31	103.13	0.76	64.48	0.60	66.11	1.39	84.70	1.13	122.47	1.25	72.91										
	6	0.79	86.42	1.31	101.63	0.76	64.48	0.60	66.23	1.39	83.93	1.13	122.60	1.25	73.04										
	7	0.79	86.63	1.31	101.02	0.76	64.48	0.60	66.34	1.39	84.32	1.13	122.39	1.25	72.98										
	8	0.79	86.83	1.31	101.32	0.76	64.58	0.60	66.46	1.39	84.32	1.13	122.27	1.25	72.85										
	9	0.45	53.77	1.31	101.93	0.76	64.67	0.60	66.46	1.39	83.16	1.13	122.21	1.25	72.71										
	10	0.45	53.18	1.31	98.87	0.90	75.13	0.60	66.58	1.39	82.58	1.13	121.78	1.25	72.58										
	11	0.45	52.94	1.31	95.06	0.90	75.69	0.60	67.27	1.39	82.38	1.13	121.63	1.25	72.52										
	12	0.45	52.11	1.31	93.10	0.90	77.99	0.60	69.99	1.39	82.38	1.13	121.57	1.25	72.52										

Table C-1 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty					
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
	13	0.45	51.44	1.31	90.42	0.90	80.02	0.60	71.42	1.39	81.99	1.13	121.65	1.25	72.45				
	14	0.45	51.08	1.31	92.11	0.90	79.17	0.60	70.55	1.39	81.20	1.13	121.45	1.25	72.45				
	15	0.45	50.89	1.31	89.74	0.90	77.78	0.60	68.87	1.39	81.20	1.13	121.32	1.25	72.39				
	16	0.45	50.71	1.31	89.40	0.90	76.25	0.60	67.74	1.39	81.20	1.13	120.70	1.25	72.32				
	17	0.45	50.77	1.31	89.40	0.90	75.69	0.60	67.16	1.39	80.80	1.13	120.75	1.25	72.12				
	18	0.45	51.01	1.31	91.77	0.90	75.13	0.60	66.46	1.39	80.00	1.13	120.41	1.25	72.12				
	19	0.45	47.91	1.31	92.77	0.90	74.80	0.60	65.87	1.39	82.77	1.13	120.67	1.25	72.12				
	20	0.45	50.83	1.31	93.10	0.90	74.68	0.60	65.87	1.39	80.80	1.13	120.93	1.25	72.19				
	21	0.45	51.08	1.31	93.10	0.90	74.68	0.60	65.87	1.39	81.60	1.13	121.06	1.25	72.19				
	22	0.45	51.14	1.31	95.38	0.90	74.68	0.60	65.87	1.39	81.99	1.13	121.45	1.25	72.12				
	23	0.45	51.44	1.31	92.77	0.90	74.68	0.60	66.11	1.39	81.20	1.13	121.45	1.25	72.19				
	24	0.45	51.14	1.31	94.41	0.90	74.91	0.60	66.11	1.39	81.60	1.13	121.32	1.25	72.25				
1-Apr	1	0.45	51.20	1.31	93.76	0.90	75.13	0.60	66.34	1.39	81.20	1.13	121.45	1.25	72.32				
	2	0.45	51.20	1.31	94.09	0.90	75.36	0.60	66.46	1.39	81.60	1.13	121.45	1.25	72.45				
	3	0.45	51.38	1.31	94.41	0.90	75.36	0.60	66.34	1.39	81.99	1.13	121.70	1.25	72.65				
	4	0.45	51.38	1.31	94.41	0.90	75.30	0.60	66.23	1.39	82.11	1.13	121.57	1.25	72.78				
	5	0.45	51.20	1.31	95.06	0.90	75.25	0.60	66.34	1.39	81.60	1.13	121.57	1.25	72.78				
	6	0.45	51.14	1.31	93.43	0.90	75.30	0.60	66.34	1.39	81.99	1.13	121.57	1.25	72.65				
	7	0.45	51.20	1.31	93.76	0.90	75.25	0.60	66.34	1.39	81.60	1.13	121.27	1.25	72.52				
	8	0.45	52.23	1.31	94.09	0.77	65.05	0.60	66.58	1.39	81.60	1.13	120.75	1.25	72.19				
	9	0.45	52.23	1.31	94.41	0.77	65.15	0.60	66.69	1.39	81.99	1.13	120.60	1.25	72.19				
	10	0.45	52.35	1.31	94.09	0.77	65.15	0.60	66.81	1.39	81.99	1.13	120.02	1.25	72.12				
	11	0.45	52.29	1.31	94.09	0.77	65.34	0.60	66.81	1.39	80.80	1.13	119.95	1.25	71.99				
	12	0.45	52.23	1.31	93.76	0.77	65.44	0.60	67.04	1.39	80.80	1.13	119.95	1.25	71.92				
	13	0.45	52.17	1.31	93.43	0.77	65.54	0.60	67.16	1.39	79.59	1.13	119.79	1.25	71.92				
	14	0.45	52.17	1.31	92.44	0.77	65.54	0.60	67.27	1.39	79.59	1.13	119.50	1.25	71.86				
	15	0.45	52.05	1.31	92.11	0.77	65.54	0.60	67.16	1.39	80.00	1.13	119.37	1.25	71.86				
	16	0.45	52.17	1.31	91.77	0.77	65.54	0.60	67.16	1.39	80.40	1.13	119.22	1.25	71.79				
	17	0.45	52.11	1.31	92.11	0.77	65.44	0.60	66.93	1.39	80.40	1.13	118.51	1.25	71.72				
	18	0.45	52.11	1.31	92.11	0.77	65.34	0.60	66.81	1.39	82.77	1.13	118.72	1.25	71.79				

Table C-1 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty					
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
	19	0.45	51.99	1.31	92.77	0.77	65.34	0.60	66.34	1.39	82.77	1.13	118.48	1.25	71.72				
	20	0.45	52.17	1.31	93.43	0.77	64.95	0.60	66.23	1.39	81.20	1.13	118.98	1.25	71.72				
	21	0.45	52.17	1.31	94.41	0.77	65.05	0.60	66.23	1.39	83.16	1.13	118.98	1.25	71.79				
	22	0.45	52.41	1.31	95.38	0.77	65.15	0.60	66.34	1.39	82.77	1.13	119.22	1.25	71.79				
	23	0.45	52.65	1.31	97.30	0.77	65.15	0.60	66.34	1.39	82.77	1.13	122.34	1.25	71.59				
	24	0.45	52.71	1.31	97.30	0.77	65.25	0.60	66.46	1.39	82.38	1.13	123.61	1.25	71.59				
2-Apr	1	0.45	52.94	1.31	98.55	0.77	65.25	0.60	66.58	1.39	81.99	1.13	119.63	1.25	71.66				
	2	0.45	53.12	1.31	99.18	0.77	65.34	0.60	66.81	1.39	82.77	1.13	120.15	1.25	71.72				
	3	0.45	53.18	1.31	99.49	0.77	65.63	0.60	67.39	1.39	83.16	1.13	120.18	1.25	71.79				
	4	0.45	53.18	1.31	99.49	0.77	65.82	0.60	67.39	1.39	83.16	1.13	120.18	1.25	71.86				
	5	0.45	53.18	1.31	99.18	0.77	65.73	0.60	67.27	1.39	83.16	1.13	120.41	1.25	71.92				
	6	0.45	53.18	1.31	99.49	0.77	65.63	0.60	67.27	1.39	83.16	1.13	120.34	1.25	71.92				
	7	0.45	53.18	1.31	99.49	0.77	65.54	0.60	67.39	1.39	82.38	1.13	120.54	1.25	71.86				
	8	0.45	53.12	1.31	98.24	0.77	65.63	0.60	67.27	1.39	82.77	1.13	120.47	1.25	71.79				
	9	0.45	53.18	1.31	97.61	0.77	65.63	0.60	67.16	1.39	84.70	1.13	120.54	1.25	71.79				
	10	0.45	53.18	1.31	98.24	0.77	65.63	0.60	67.27	1.39	83.93	1.13	120.41	1.25	71.79				
	11	0.45	53.18	1.31	97.61	0.77	66.02	0.60	67.62	1.39	83.16	1.13	120.08	1.25	71.72				
	12	0.45	53.06	1.31	97.93	0.77	66.11	0.60	67.62	1.39	83.16	1.13	120.15	1.25	71.72				
	13	0.45	52.94	1.31	97.93	0.77	66.40	0.60	68.19	1.39	83.16	1.13	120.28	1.25	71.86				
	14	0.45	52.94	1.31	97.30	0.77	66.59	0.60	68.42	1.39	83.16	1.13	120.54	1.25	71.99				
	15	0.45	52.88	1.31	96.98	0.77	66.87	0.60	68.76	1.39	83.16	0.78	105.11	1.25	72.12				
	16	0.45	52.83	1.31	96.35	0.77	66.78	0.60	68.76	1.39	83.16	0.78	102.54	1.25	72.25				
	17	0.45	52.77	1.31	95.71	0.77	66.49	0.60	68.31	1.39	83.16	0.78	93.01	1.25	72.45				

Table C-2. Hourly Average Gate Openings, Discharge Measurements of the Selected Offtakes of the Mirpurkhas Sub-division During June 1998.

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																											
		Mirpur Disty				Doso Disty				Sanhro Disty				Bareji Disty				Lakhakhi Disty				Sangro Disty				Bellaro Disty			
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
1-Jun	18	1.22	68.10	3.49	100.78	0.87	71.13	0.65	76.77	1.38	83.72	1.41	150.68																
	19	1.22	68.40	3.49	102.86	0.87	71.02	0.65	76.65	1.38	83.72	1.68	167.40																
	20	1.22	69.31	3.49	104.89	0.87	71.13	0.65	76.53	1.38	83.33	1.68	165.76																
	21	1.22	69.90	3.49	100.78	0.87	71.02	0.65	76.53	1.38	83.33	1.68	163.68																
	22	1.22	71.08	3.49	104.89	0.87	71.02	0.65	76.77	1.38	84.48	1.68	163.27																
	23	1.22	72.23	3.49	110.78	0.87	71.13	0.65	76.89	1.38	84.86	1.68	163.27																
	24	1.22	72.80	3.49	112.67	0.87	71.35	0.65	77.00	1.38	84.86	1.68	163.27																
2-Jun	1	1.22	72.61	3.49	104.89	0.87	71.57	0.65	77.24	1.38	84.86	1.68	163.27																
	2	1.22	72.61	3.49	108.85	0.87	72.01	0.65	77.24	1.38	84.86	1.68	163.27																
	3	1.22	72.61	3.49	104.89	0.87	71.90	0.65	77.36	1.38	84.86	1.68	163.27																
	4	1.22	72.61	3.49	106.89	0.87	72.01	0.65	77.59	1.38	83.72	1.68	163.27																
	5	1.22	71.75	3.49	104.89	0.87	72.01	0.65	77.48	1.38	83.33	1.68	164.52																
	6	1.21	70.52	3.49	106.89	0.87	72.01	0.65	77.48	1.38	83.33	1.68	164.10																
	7	1.21	70.23	2.98	103.91	0.87	72.01	0.65	77.36	1.38	83.33	1.68	163.68																
	8	1.21	70.80	2.98	108.27	0.87	71.90	0.65	77.24	1.38	84.86	1.68	163.68																
	9	1.21	70.23	2.98	111.08		0.00	0.00	78.30	1.38	85.62	1.68	164.93																
	10	1.14	69.96	2.88	109.99		0.00	0.00	78.53	1.38	86.73	1.68	164.93																
	11	1.14	70.74	2.88	109.99		0.00	0.00	78.65	1.38	87.47	1.29	143.55																
	12	1.14	69.96	2.88	112.57		0.00	0.00	78.65	1.38	87.84	1.29	143.55																
	13	1.14	69.96	2.88	112.57		0.00	0.00	78.65	1.38	87.84	1.29	143.55																
	14	1.14	70.99	2.88	107.34		0.00	0.00	78.76	1.38	88.20	1.29	143.55																
	15	1.14	70.99	2.88	107.34		0.00	0.00	78.65	1.38	88.57	1.40	159.78																
	16	1.14	70.99	2.88	107.34		0.00	0.00	78.53	1.38	88.93	1.40	157.38																
	17	1.14	73.02	2.49	100.03		0.00	0.00	78.65	1.38	89.29	1.40	158.58																
	18	1.14	73.52	2.49	88.50		0.00	0.00	78.76	1.38	89.29	1.40	158.58																
	19	1.14	75.48	2.49	110.37		0.00	0.00	78.76	1.38	89.29	1.40	158.58																
	20	1.14	75.48	2.49	113.29		0.00	0.00	78.99	1.35	87.03	1.40	160.08																
	21	1.14	75.96	2.49	115.19		0.00	0.00	79.22	1.35	85.62	1.40	160.97																
									79.45	1.35	85.26	1.40	160.38																

Table C-2 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q								
	22	1.14	75.96	2.49	117.99		0.00	0.65	79.80	1.35	83.81	1.40	159.18	1.32	79.79										
	23	1.14	77.63	2.49	116.14		0.00	0.65	80.03	1.35	83.08	1.40	157.08	1.32	79.73										
	24	1.14	77.86	2.49	114.25		0.00	0.65	80.25	1.35	83.08	1.40	155.25	1.39	83.51										
3-Jun	1	1.14	77.86	2.49	114.25		0.00	0.72	87.88	1.35	83.45	1.40	154.32	1.39	83.09										
	2	1.14	77.86	2.49	114.25		0.00	0.72	87.88	1.35	83.45	1.40	154.32	1.39	82.67										
	3	1.14	77.86	2.49	114.25		0.00	0.72	87.88	1.35	83.08	1.40	154.01	1.39	82.32										
	4	1.14	77.63	2.49	114.25		0.00	0.72	88.00	1.35	83.08	1.40	152.77	1.39	81.96										
	5	1.14	77.86	2.49	113.29		0.00	0.72	88.00	1.35	83.08	1.40	154.63	1.39	81.82										
	6	1.14	77.63	2.49	114.25		0.00	0.72	88.12	1.35	83.08	1.40	154.63	1.39	81.54										
	7	1.14	77.63	2.49	115.19		0.00	0.65	80.14	1.35	83.08	1.40	157.08	1.32	77.94										
	8	1.14	77.63	2.49	116.14		0.00	0.65	80.14	1.35	84.54	1.59	170.06	1.36	80.27										
	9	1.14	76.44	1.87	102.85		0.00	0.65	80.14	1.35	85.62	1.59	170.06	1.36	80.55										
	10	1.14	76.44	1.87	102.85		0.00	0.65	80.14	1.35	86.33	1.59	172.22	1.36	80.75										
	11	1.14	76.44	1.87	102.85		0.00	0.65	80.14	1.35	86.68	1.59	170.06	1.36	80.82										
	12	1.14	76.44	1.87	102.85		0.00	0.65	80.03	1.35	87.03	1.59	170.42	1.36	80.96										
	13	1.14	75.96	1.87	101.65		0.00	0.65	80.03	1.35	87.38	1.59	171.86	1.36	81.17										
	14	1.14	75.96	1.87	101.65		0.00	0.65	80.03	1.35	88.08	1.33	154.76	1.36	81.38										
	15	1.14	76.44	1.87	103.45		0.00	0.65	80.03	1.35	95.40	1.33	154.20	1.36	81.65										
	16	1.14	75.96	1.87	104.04		0.00	0.65	80.14			1.33	181.74	1.36	81.58										
	17	1.14	75.96	1.87	104.04		0.00	0.65	79.57	1.52	101.21	1.37	186.19	1.36	81.65										
	18	1.14	76.92	1.75	104.21		0.00	0.65	79.57	1.52	101.21	1.37	160.17	1.36	81.86										
	19	1.14	75.96	1.75	103.17		0.00	0.65	79.68	1.52	100.83	1.37	160.17	1.45	86.54										
	20	1.14	76.20	1.75	103.17		0.00	0.65	79.68	1.52	100.44	1.37	160.75	1.45	86.32										
	21	1.14	76.68	1.75	103.69		0.00	0.65	79.68	1.52	97.33	1.37	161.32	1.39	82.95										
	22	1.14	77.86	1.75	104.73	0.70	60.08	0.65	78.88	1.52	96.13	1.37	160.75	1.39	82.81										
	23	1.14	78.10	1.75	105.56	0.70	60.08	0.65	78.76	1.52	96.13	1.37	181.44	1.35	80.67										
	24	1.14	78.33	1.75	106.28	0.70	59.99	0.65	78.76	1.52	95.33	1.37	141.26	1.35	80.60										
4-Jun	1	1.14	78.10	1.75	104.21	0.70	59.99	0.76	90.52	1.52	96.93	1.37	134.93	1.35	80.39										
	2	1.14	78.33	1.75	104.21	0.70	59.90	0.76	90.52	1.52	96.93	1.37	134.25	1.35	80.05										
	3	1.14	78.10	1.75	103.69	0.70	59.73	0.76	90.25	1.52	95.73	1.37	150.40	1.35	79.91										

Table C-2 Continued.....

Date	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
	Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty					
	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
	4	1.14	77.63	1.75	102.64	0.70	59.55	0.76	90.25	1.52	95.73	1.37	149.79	1.35	79.77			
	5	1.14	77.16	1.75	102.64	0.70	59.55	0.76	90.12	1.52	95.73	1.37	150.40	1.35	79.77			
	6	1.14	76.68	1.75	103.17		0.00	0.76	90.92	1.52	95.73	1.37	150.40	1.35	79.70			
	7	1.14	75.48	1.75	110.29		0.00	0.69	83.81	1.52	96.93	1.55	169.44	1.38	81.26			
	8	1.14	75.48	1.75	120.64		0.00	0.69	84.05	1.52	97.33	1.53	169.72	1.38	81.33			
	9	1.14	75.96	1.75	119.73		0.00	0.69	83.93			1.53	169.72	1.38	81.40			
	10	1.14	75.96	1.75	119.73		0.00	0.69	83.69	1.52	101.21	1.53	171.05	1.38	81.61			
	11	1.14	76.44	1.75	120.64		0.00	0.69	83.81	1.52	100.83	1.53	170.72	1.38	81.75			
	12	1.14	75.48	1.75	121.53		0.00	0.69	83.81	1.52	100.83	1.53	170.05	1.38	81.96			
	13	1.14	75.48	1.75	116.52		0.00	0.69	83.69			1.56	173.60	1.38	82.24			
	14	1.14	75.00	1.75	116.52		0.00	0.69	83.69	1.41	91.68	1.56	173.26	1.38	82.45			
	15	1.14	75.00	1.75	123.31		0.00	0.69	83.69	1.41	91.31	1.56	173.60	1.38	82.66			
	16	1.14	76.44	1.75	116.52		0.00	0.69	83.81	1.41	91.68	1.56	173.60	1.48	88.19			
	17	1.17	78.17	1.75	94.94		0.00	0.69	83.93	1.41	91.68	1.56	173.60	1.48	88.19			
	18	1.05	64.64	1.75	94.94		0.00	0.69	84.05	1.41	90.95	1.56	171.89	1.48	88.27			
	19	1.05	63.91	1.75	105.25		0.00	0.69	83.93			1.56	172.23	1.48	88.12			
	20	1.05	63.66	1.75	104.21		0.00	0.69	83.93			1.56	172.92	1.48	88.12			
	21	1.05	62.93	1.75	103.17		0.00	0.69	84.17			1.56	173.26	1.48	87.89			
	22	1.05	63.17	1.75	102.64		0.00	0.69	84.05			1.56	173.26	1.48	87.74			
	23	1.05	63.17	1.75	103.69		0.00	0.69	84.05			1.56	173.26	1.48	87.67			
	24	1.05	62.68	1.75	104.21		0.00	0.69	83.93			1.56	173.26	1.48	87.59			
5-Jun	1	1.05	62.93	1.75	104.21		0.00	0.66	80.01			1.53	169.72	1.48	87.52			
	2	1.05	62.18	1.75	104.73		0.00	0.66	80.01	1.16	88.51	1.53	169.72	1.48	87.44			
	3	1.05	62.43	1.75	104.21		0.00	0.66	79.89	1.16	82.58	1.53	169.38	1.48	87.37			
	4	1.05	62.68	1.75	104.73		0.00	0.66	79.89	1.16	82.58	1.53	169.72	1.48	87.29			
	5	1.05	65.12	1.75	104.21		0.00	0.66	79.89	1.16	81.17	1.53	168.04	1.48	87.22			
	6	1.05	61.93	1.75	104.73		0.00	0.66	79.89	1.16	79.45	1.53	169.38	1.48	86.92			
	7	1.05	62.43	1.75	111.27		0.00	0.71	85.64	1.16	79.74	1.53	172.42	1.48	86.69			
	8	1.05	62.43	1.75	131.00		0.00	0.71	85.64	1.16	88.00	1.53	169.45	1.48	86.54			
	9	1.05	62.43	1.75	122.42		0.00	0.71	85.89	1.33	88.34	1.53	172.09	1.48	86.54			

Table C-2 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																	
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty					
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
	10	1.05	65.40	1.75	124.19		0.00	0.71	85.64	1.33	88.68	1.53	170.11	1.48	86.77				
	11	1.05	63.57	1.75	124.19		0.00	0.71	85.89	1.33	89.02	1.53	169.11	1.48	86.99				
	12	1.05	69.96	1.75	119.73		0.00	0.71	86.26	1.33	89.02	1.53	169.11	1.48	87.14				
	13	1.05	69.96	1.75	121.09		0.00	0.71	86.14	1.33	89.02	1.53	169.11	1.48	87.29				
	14	1.05	69.96	1.75	117.91		0.00	0.71	86.26	1.33	89.02	1.53	171.76	1.48	87.67				
	15	1.05	69.96	1.75	111.27		0.00	0.71	86.14	1.33	89.02	1.53	170.44	1.48	87.89				
	16	1.05	69.96	1.75	111.27		0.00	0.71	86.26	1.40	90.41	1.53	170.77	1.48	87.89				
	17	1.05	70.41	1.75	111.27		0.00	0.71	86.39	1.40	89.68	1.53	169.78	1.48	87.89				
	18	1.11	74.06	1.75	118.36		0.00	0.77	93.16	1.40	89.31	1.53	171.76	1.48	87.89				
	19	1.21	75.82	1.75	106.79		0.00	0.77	93.16	1.40	87.84	1.53	172.75	1.48	87.89				
	20	1.21	74.47	1.75	105.25		0.00	0.77	92.90	1.40	87.84	1.53	172.09	1.48	87.82				
	21	1.21	73.65	1.75	104.21		0.00	0.77	92.76	1.40	85.96	1.53	170.77	1.48	87.74				
	22	1.21	73.38	1.75	103.17		0.00	0.77	92.90	1.40	85.58	1.53	169.11	1.48	87.67				
	23	1.21	72.82	1.75	102.11		0.00	0.77	92.90	1.40	85.58	1.53	166.76	1.48	87.37				
	24	1.21	72.26	1.75	101.58		0.00	0.77	92.63	1.40	85.58	1.53	166.76	1.48	87.07				
6-Jun	1	1.21	72.26	1.75	102.11		0.00	0.77	92.36	1.40	85.58	1.53	165.74	1.48	86.84				
	2	1.21	72.26	1.75	102.11		0.00	0.77	92.36	1.40	85.58	1.66	174.22	1.48	86.39				
	3	1.21	71.70	1.75	101.58		0.00	0.77	92.23	1.40	85.58	1.66	172.68	1.48	86.16				
	4	1.21	71.14	1.75	101.04		0.00	0.77	92.09	1.40	85.58	1.66	171.52	1.48	85.86				
	5	1.21	70.85	1.75	100.50		0.00	0.77	92.09	1.40	85.58	1.66	171.52	1.48	85.63				
	6	1.17	69.91	1.75	101.04		0.00	0.77	92.09	1.40	85.58	1.66	171.52	1.48	85.32				
	7	1.17	69.91	1.75	102.11		0.00	0.77	91.82	1.40	87.84	1.59	166.51	1.48	85.24				
	8	1.17	69.91	1.75	102.11		0.00	0.77	91.69	1.40	88.58	1.55	164.73	1.48	85.17				
	9	1.17	70.19	1.75	102.11		0.00	0.77	91.42	1.40	88.95	1.55	166.48	1.48	85.17				
	10	1.17	69.37	1.75	102.11		0.00	0.77	91.55	1.40	89.31	1.55	167.18	1.48	85.17				
	11	1.17	69.37	1.75	101.04		0.00	0.77	91.42	1.40	88.58	1.55	167.52	1.48	85.47				
	12	1.17	71.27	1.75	99.96		0.00	0.77	91.55	1.40	88.58	1.55	168.56	1.48	85.70				
	13	1.17	71.27	1.75	99.96		0.00	0.77	91.69	1.40	90.04	1.55	169.93	1.40	81.95				
	14	1.17	72.33	1.75	100.50		0.00	0.77	91.69	1.40	90.41	1.55	170.27	1.40	82.24				
	15	1.17	72.59	1.75	101.58		0.00	0.77	91.96	1.50	94.15	1.55	171.96	1.40	82.53				

Table C-2 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q										
	16	1.17	72.59	1.95	114.30		0.00	0.77	92.09	1.50	94.55	1.55	170.61	1.40	82.89										
	17	1.17	73.64	1.95	114.30		0.00	0.77	92.23	1.50	93.35	1.55	171.29	1.40	83.10										
	18	1.17	75.43	1.95	116.05		0.00	0.77	92.23	1.50	92.14	1.55	171.96	1.40	83.17										
	19	1.17	76.69	1.95	114.89		0.00	0.77	92.36	1.50	90.08	1.55	172.97	1.40	83.24										
	20	1.17	76.69	1.95	117.21		0.00	0.77	92.63	1.50	90.91	1.55	172.30	1.40	83.31										
	21	1.17	76.44	1.95	116.05		0.00	0.77	92.76	1.50	87.97	1.55	172.97	1.46	86.45										
	22	1.17	76.69	1.95	114.89		0.00	0.77	92.90	1.50	87.54	1.55	170.61	1.46	86.31										
	23	1.17	76.19	1.95	114.30		0.00	0.77	92.76	1.50	86.24	1.55	168.21	1.46	85.93										
7-Jun	1	1.17	76.44	1.95	114.30		0.00	0.77	92.90	1.50	85.81	1.55	166.83	1.46	85.64										
	2	1.17	75.43	1.95	113.71		0.00	0.72	86.98	1.50	85.37	1.55	167.18	1.46	85.26										
	3	1.17	74.67	1.95	111.92		0.00	0.72	86.98	1.50	84.93	1.55	166.13	1.46	84.89										
	4	1.17	74.67	1.95	108.87		0.00	0.72	86.98	1.50	84.48	1.55	165.43	1.46	84.36										
	5	1.17	74.67	1.95	107.62		0.00	0.72	86.73	1.50	84.04	1.55	165.43	1.46	84.28										
	6	1.17	74.67	1.95	108.87		0.00	0.72	86.73	1.50	84.04	1.55	163.32	1.46	84.06										
	7	1.17	73.64	1.95	106.36		0.00	0.72	86.60	1.50	84.04	1.55	164.38	1.46	83.67										
	8	1.17	70.19	1.95	103.15		0.00	0.72	86.48	1.50	85.81	1.55	164.73	1.46	83.45										
	9	1.17	70.46	1.95	104.45		0.00	0.72	86.23	1.50	87.54	1.55	164.73	1.46	83.37										
	10	1.17	70.46	1.95	104.45		0.00	0.72	85.59	1.50	89.24	1.55	165.78	1.46	83.37										
	11	1.17	70.46	1.95	106.36		0.00	0.72	84.96	1.50	90.08	1.55	166.13	1.46	83.52										
	12	1.17	70.73	1.95	109.48		0.00	0.72	85.09	1.50	89.66	1.55	167.52	1.46	83.75										
	13	1.17	71.27	1.95	108.87		0.00	0.72	84.96	1.50	90.49	1.55	167.87	1.46	83.98										
	14	1.17	71.80	1.95	107.62		0.00	0.72	84.70	1.50	90.49	1.55	168.21	1.46	84.13										
	15	1.17	72.07	1.95	110.71		0.00	0.72	84.44	1.50	90.08	1.55	168.56	1.46	84.36										
	16	1.17	72.07	1.95	110.71		0.00	0.72	84.06	1.50	90.49	1.55	168.56	1.46	84.59										
	17	1.17	72.07	1.95	107.62		0.00	0.72	84.44	1.50	90.08	1.55	168.21	1.46	84.74										
	18	1.17	71.53	1.95	103.80		0.00	0.72	83.93	1.50	89.24	1.55	167.87	1.46	84.89										
	19	1.17	72.07	1.95	103.80		0.00	0.80	93.92	1.50	87.54	1.55	167.52	1.46	84.89										
	20	1.17	72.07	1.95	102.49		0.00	0.80	93.78	1.50	88.82	1.55	169.59	1.46	84.59										
	21	1.17	72.33	1.95	99.16		0.00	0.80	93.63	1.50	84.93	1.55	168.90	1.46	84.43										
		1.17		1.95				0.80	93.34	1.50	84.48	1.55	169.24	1.46	84.21										

Table C-2 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q								
	22	1.17	72.07	3.10	112.69		0.00	0.80	93.34	1.50	84.48	1.55	165.43	1.46	83.90										
	23	1.17	72.33	3.10	115.62		0.00	0.80	93.34	1.50	84.48	1.55	165.08	1.46	83.52										
	24	1.17	72.07	3.10	105.02		0.00	0.80	93.49	1.50	83.59	1.55	163.32	1.46	83.22										
8-Jun	1		0.00	3.10	106.60		0.00	0.80	93.34	1.50	83.59	1.55	163.32	1.46	82.91										
	2		0.00	3.10	112.69		0.00	0.80	93.34	1.50	83.14	1.55	163.32	1.46	82.60										
	3		0.00	3.10	115.62		0.00	0.80	93.63	1.50	82.23	1.55	162.60	1.46	82.29										
	4		0.00	3.10	114.17		0.00	0.80	93.63	1.50	81.31	1.55	159.36	1.46	82.21										
	5		0.00	3.10	106.60		0.00	0.80	94.07	1.50	81.31	1.55	162.25	1.46	81.98										
	6		0.00	2.31	110.99		0.00	0.80	94.35	1.50	81.77	1.55	163.32	1.46	81.74										
	7		0.00	2.31	112.66		0.00	0.80	94.64	1.50	81.77	1.58	211.94	1.46	81.59										
	8		0.00	2.19	109.56		0.00	0.80	94.78	1.50	82.68	1.58	217.82	1.46	81.43										
	9		0.00	2.19	108.01		0.00	0.80	95.07	1.50	83.59	1.58	216.44	1.46	82.06										
	10		0.00	2.19	109.56		0.00	0.80	92.03	1.50	83.59	1.58	216.72	1.46	82.75										
	11		0.00	2.19	109.56		0.00	0.80	90.85	1.50	84.04	1.58	216.44	1.46	83.37										
	12		0.00	2.19	110.33		0.00	0.80	90.70	1.50	83.59	1.58	216.44	1.46	83.75										
	13		0.00	2.19	119.17		0.00	0.80	92.18	1.50	84.48	1.58	216.99	1.46	84.13										
	14		0.00	2.19	111.85		0.00	0.80	92.47	1.50	84.93	1.58	217.27	1.39	81.17										
	15		0.00	2.19	119.88		0.00	0.80	92.18	1.50	84.93	1.58	217.82	1.39	81.46										
	16		0.00	2.19	119.17		0.00	0.80	92.76	1.50	85.37	1.51	211.90	1.39	81.60										
	17		0.00	2.19	117.74		0.00	0.80	92.62	1.50	85.37	1.51	212.68	1.39	81.75										

Table C-3. Hourly Average Gate Openings, Discharge Measurements of the Selected Offtakes of the Mirpurkhas Sub-division During August 1998.

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty			Doso Disty			Sanhro Disty			Bareji Disty			Lakhakhi Disty			Sangro Disty			Bellaro Disty					
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q				
3-Aug	18	0.79	86.21	1.62	110.81	0.96	67.16	1.02	102.42	1.63	96.15	0.45	68.41	1.51	82.61										
	19	0.79	86.21	1.62	110.81	0.96	66.87	1.02	101.99	1.63	95.70	0.45	68.49	1.51	82.69										
	20	0.79	86.21	1.62	110.81	0.96	66.73	1.02	102.21	1.63	94.78	0.45	68.57	1.51	82.85										
	21	0.79	85.69	1.62	109.12	0.96	66.59	1.02	102.21	1.63	94.78	0.45	68.57	1.51	82.85										
	22	0.79	86.01	1.62	109.12	0.96	66.59	1.02	102.42	1.63	94.78	0.45	68.57	1.51	83.02										
	23	0.79	86.21	1.62	109.12	0.96	67.16	1.02	102.63	1.63	94.78	0.45	68.95	1.51	83.51										
4-Aug	1	0.79	86.42	1.62	109.12	0.96	67.16	1.02	102.84	1.63	94.78	0.45	68.95	1.51	83.83										
	2	0.79	86.42	1.62	109.12	0.96	67.16	1.02	102.84	1.63	94.78	0.45	68.80	1.51	84.00										
	3	0.79	86.21	1.62	106.53	0.96	67.44	1.02	72.71	1.63	79.28	0.45	68.88	1.51	84.16										
	4	0.79	86.01	1.62	106.53	0.96	67.72	1.02	72.28	1.63	94.32	0.45	68.88	1.51	84.32										
	5	0.79	86.01	1.62	106.53	0.96	67.58	1.02	72.71	1.63	94.32	0.45	68.88	1.51	84.24										
	6	0.79	86.21	1.62	106.53	0.96	67.72	1.02	72.71	1.63	94.78	0.45	68.88	1.51	84.24										
	7	0.79	86.21	1.62	106.53	0.96	67.58	1.02	72.71	1.63	94.78	0.45	68.88	1.51	84.32										
	8	0.79	87.25	1.49	111.65	0.96	67.86	1.02	72.71	1.63	94.32	0.45	68.95	1.51	84.32										
	9	0.79	87.04	1.49	104.93	0.96	67.99	0.99	73.59	1.63	94.32	0.45	69.11	1.51	84.32										
	10	0.79	86.83	1.49	105.31	1.02	71.77	1.00	73.59	1.63	94.32	0.45	69.11	1.51	84.32										
	11	0.79	86.73	1.49	106.44	1.02	71.91	1.00	85.60	1.63	94.78	0.45	69.03	1.51	84.24										
	12	0.79	86.52	1.49	107.18	1.02	71.62	1.00	85.60	1.63	95.24	0.45	69.11	1.49	83.24										
	13	0.79	85.90	1.49	106.06	1.02	71.47	1.00	84.79	1.63	95.70	0.45	68.95	1.49	83.24										
	14	0.79	85.69	1.49	105.68	1.02	71.62	1.00	83.89	1.63	95.70	0.45	69.03	1.49	83.16										
	15	0.79	85.80	1.49	106.06	1.02	71.62	1.00	83.47	1.63	95.70	0.45	69.11	1.49	83.16										
	16	0.79	85.80	1.49	106.06	1.02	71.47	1.00	84.05	1.63	95.70	0.45	69.26	1.49	83.24										
	17	0.79	85.59	1.49	106.44	1.02	71.62	1.00	83.80	1.63	95.70	0.45	69.03	1.49	83.16										
	18	0.79	85.59	1.49	106.44	1.02	71.77	1.00	84.05	1.63	95.70	0.45	69.11	1.49	83.40										
	19	0.79	85.80	1.49	107.93	1.02	71.77	1.00	84.05	1.63	95.24	0.45	69.11	1.49	83.40										
	20	0.79	86.01	1.49	106.81	1.02	71.91	1.00	83.97	1.63	95.24	0.45	69.03	1.49	83.48										
	21	0.79	86.01	1.49	107.18	1.02	72.21	1.00	84.05	1.63	95.70	0.45	69.26	1.49	83.56										
				1.49	107.18	1.02	72.50	1.00	84.13	1.63	95.70	0.45	69.72	1.49	83.64										
						1.02	72.50	1.00	84.55	1.63	93.86	0.45	69.57	1.49	83.80										

Table C-3 Continued.....

Date	Clock Time (hrs)	DISCHARGE (CUSECS) AND AVERAGE GATE OPENINGS (FT)																							
		Mirpur Disty		Doso Disty		Sanhro Disty		Bareji Disty		Lakhakhi Disty		Sangro Disty		Bellaro Disty											
		Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q	Avg.Go	Q										
	22	0.45	52.41	1.30	95.15	0.79	65.04					1.47	162.70	1.48	82.41										
	23	0.45	52.65	1.30	97.06	0.79	65.04					1.47	162.70	1.48	82.25										
	24	0.45	52.71	1.30	97.06	0.79	65.04					1.47	162.38	1.48	82.25										
10-Aug	1	0.45	52.94	1.30	98.31	0.79	65.14					1.47	162.05	1.48	82.33										
	2	0.45	53.12	1.30	98.93	0.79	65.45					1.47	162.05	1.48	82.41										
	3	0.45	53.18	1.30	99.24	0.79	65.45					1.47	162.05	1.48	82.41										
	4	0.45	53.18	1.30	99.24	0.79	65.45					1.47	161.73	1.48	82.49										
	5	0.45	53.18	1.30	98.93	0.79	65.45					1.47	161.40	1.48	82.65										
	6	0.45	53.18	1.30	99.24	0.79	65.45					1.47	160.74	1.48	82.89										
	7	0.45	53.18	1.30	99.24	0.80	66.53					1.47	161.40	1.48	83.05										
	8	0.45	53.12	1.30	98.00	0.80	66.83					1.47	161.07	1.48	83.45										
	9	0.45	53.18	1.30	97.37	0.80	67.13					1.47	161.73	1.48	83.84										
	10	0.45	53.18	1.30	98.00	0.80	67.33					1.35	153.54	1.48	84.24										
	11	0.45	53.18	1.30	97.37	0.80	67.54					1.35	154.98	1.48	84.55										
	12	0.45	53.06	1.30	97.68	0.80	67.64					1.35	156.13	1.48	85.17										
	13	0.45	52.94	1.30	97.68	0.80	67.74					1.35	156.41	1.48	85.71										
	14	0.45	52.94	1.30	97.06	0.80	67.74					1.35	156.98	1.48	86.17										
	15	0.45	52.88	1.30	96.74	0.80	67.74					1.35	156.98	1.48	86.48										
	16	0.45	52.83	1.30	96.11	0.80	67.84					1.35	157.26	1.46	85.38										
	17	0.45	52.77	1.30	95.47	0.80	67.84					1.35	158.39	1.46	85.60										

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