



TABLE D.4.91 STATION : MARITZA - BELOVO (CODE NO. 71700)

Year : 1990

"0" Gauge Level : 316.71 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	92	317.63	0.905
	2	114	317.85	0.905
	3	163	318.34	0.905
	4	159	318.30	0.905
	5	172	318.43	0.800
	6	155	318.26	0.800
	7	140	318.11	0.905
	8	109	317.80	0.800
	9	102	317.73	2.049
	10	88	317.59	1.630
	11	90	317.61	1.135
	12	90	317.61	1.135
	13	92	317.63	1.135
	14	106	317.77	0.905
	15	100	317.71	0.950
	16	91	317.62	1.020
	17	91	317.62	1.253
	18	90	317.61	1.374
	19	91	317.62	1.253
	20	90	317.61	1.253
	21	90	317.61	1.253
	22	91	317.62	1.253
	23	92	317.63	1.253
	24	94	317.65	1.253
	25	91	317.62	1.020
	26	91	317.62	1.020
	27	92	317.63	0.905
	28	93	317.64	0.905
	29	93	317.64	0.905
	30	94	317.65	0.800
	31	108	317.79	0.800
Feb.	1	89	317.60	0.800
	2	92	317.63	0.800
	3	94	317.65	0.800
	4	89	317.60	0.711
	5	88	317.59	0.711
	6	89	317.60	0.800
	7	97	317.68	0.800
	8	102	317.73	0.711
	9	91	317.62	0.800
	10	92	317.63	0.800
	11	93	317.64	0.800
	12	94	317.65	0.800
	13	89	317.60	0.800
	14	90	317.61	0.800
	15	96	317.67	0.800
	16	103	317.74	0.800
	17	121	317.92	0.800
	18	114	317.85	0.711
	19	94	317.65	0.711
	20	89	317.60	0.711
	21	87	317.58	0.649
	22	88	317.59	0.592
	23	92	317.63	0.592
	24	115	317.86	0.592
	25	117	317.88	0.592
	26	104	317.75	0.592
	27	90	317.61	0.592
	28	87	317.58	0.590
Mar.	1	87	317.58	0.592
	2	88	317.59	0.592
	3	90	317.61	0.592
	4	90	317.61	0.570
	5	90	317.61	0.592
	6	92	317.63	4.418
	7	90	317.61	2.361
	8	88	317.59	1.500
	9	88	317.59	1.500
	10	88	317.59	1.500
	11	89	317.60	1.374
	12	91	317.62	1.253
	13	96	317.67	1.135
	14	94	317.65	0.905
	15	93	317.64	0.800
	16	92	317.63	0.800
	17	92	317.63	0.711
	18	96	317.67	0.711
	19	97	317.68	0.711
	20	101	317.72	0.711
	21	98	317.69	0.800
	22	98	317.69	0.711
	23	99	317.70	0.711
	24	101	317.72	0.711
	25	101	317.72	0.711
	26	104	317.75	0.711
	27	107	317.78	0.711
	28	141	318.12	0.711
	29	129	318.00	0.640
	30	108	317.79	1.500
	31	108	317.79	1.904

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	106	317.77	2.049
	2	100	317.71	1.135
	3	97	317.68	1.253
	4	97	317.68	1.135
	5	98	317.69	1.374
	6	95	317.66	0.500
	7	92	317.63	0.374
	8	101	317.72	0.764
	9	106	317.77	2.200
	10	81	317.52	20.547
	11	83	317.54	5.590
	12	84	317.55	4.640
	13	79	317.50	4.454
	14	79	317.50	3.536
	15	79	317.50	2.651
	16	81	317.52	2.651
	17	96	317.67	2.170
	18	101	317.72	2.020
	19	102	317.73	1.876
	20	107	317.78	1.876
	21	97	317.68	1.360
	22	95	317.66	1.140
	23	94	317.65	1.360
	24	94	317.65	1.360
	25	90	317.61	1.247
	26	80	317.51	1.736
	27	80	317.51	2.325
	28	80	317.51	2.170
	29	78	317.49	2.170
	30	81	317.52	2.995
May	1	83	317.54	3.353
	2	84	317.55	2.325
	3	81	317.52	14.412
	4	86	317.57	4.831
	5	101	317.72	3.244
	6	99	317.70	1.765
	7	96	317.67	2.049
	8	98	317.69	2.700
	9	131	318.02	5.443
	10	172	318.43	5.648
	11	148	318.19	3.060
	12	128	317.99	1.765
	13	114	317.85	2.361
	14	112	317.83	2.878
	15	107	317.78	3.244
	16	116	317.87	2.700
	17	118	317.89	2.361
	18	118	317.89	2.361
	19	116	317.87	4.215
	20	113	317.84	4.418
	21	112	317.83	6.069
	22	114	317.85	2.361
	23	113	317.84	2.361
	24	106	317.77	2.361
	25	105	317.76	2.528
	26	107	317.78	2.049
	27	103	317.74	2.361
	28	102	317.73	2.700
	29	101	317.72	2.700
	30	102	317.73	10.633
	31	100	317.71	13.780
June	1	109	317.80	3.432
	2	100	317.71	2.700
	3	98	317.69	2.700
	4	92	317.63	3.244
	5	91	317.62	2.361
	6	91	317.62	2.049
	7	91	317.62	1.904
	8	99	317.70	1.630
	9	100	317.71	1.630
	10	100	317.71	1.500
	11	99	317.70	1.500
	12	98	317.69	2.301
	13	96	317.67	1.500
	14	93	317.64	1.630
	15	90	317.61	2.490
	16	93	317.64	2.700
	17	95	317.66	3.060
	18	95	317.66	5.040
	19	93	317.64	3.432
	20	91	317.62	2.878
	21	98	317.69	2.528
	22	94	317.65	2.361
	23	89	317.60	2.200
	24	82	317.53	2.049
	25	86	317.57	1.904
	26	97	317.68	1.904
	27	93	317.64	2.049
	28	90	317.61	1.630
	29	94	317.65	1.765
	30	96	317.67	1.765

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	93	317.64	1.904
	2	99	317.70	1.388
	3	100	317.71	1.120
	4	95	317.66	0.710
	5	97	317.68	0.570
	6	95	317.66	0.570
	7	91	317.65	0.602
	8	90	317.61	0.640
	9	88	317.59	0.602
	10	86	317.57	0.533
	11	88	317.59	0.602
	12	88	317.59	0.640
	13	84	317.55	0.798
	14	88	317.59	0.798
	15	88	317.59	0.798
	16	87	317.58	1.368
	17	85	317.56	1.368
	18	80	317.51	1.630
	19	80	317.51	1.630
	20	78	317.49	2.049
	21	79	317.50	1.500
	22	79	317.50	1.241
	23	83	317.54	1.500
	24	81	317.52	1.368
	25	83	317.54	1.630
	26	82	317.53	1.368
	27	82	317.53	1.241
	28	82	317.53	1.006
	29	80	317.51	1.006
	30	82	317.53	1.006
	31	86	317.57	0.798
Aug.	1	84	317.55	0.900
	2	82	317.53	0.640
	3	82	317.53	0.640
	4	84	317.55	0.710
	5	85	317.56	0.798
	6	83	317.54	0.710
	7	85	317.56	0.710
	8	83	317.54	0.900
	9	85	317.56	0.602
	10	84	317.55	0.570
	11	86	317.57	0.900
	12	85	317.56	0.900
	13	84	317.55	0.710
	14	86	317.57	0.640
	15	83	317.54	0.640
	16	87	317.58	0.570
	17	82	317.53	0.602
	18	81	317.52	0.570
	19	82	317.53	0.480
	20	83	317.54	0.480
	21	77	317.48	0.602
	22	79	317.50	0.640
	23	90	317.61	0.710
	24	88	317.59	1.120
	25	81	317.52	1.120
	26	80	317.51	1.241
	27	80	317.51	1.241
	28	82	317.53	1.341
	29	86	317.57	1.241
	30	85	317.56	1.241
	31	84	317.55	1.241
Sep.	1	84	317.55	1.006
	2	84	317.55	0.798
	3	85	317.56	0.900
	4	86	317.57	1.241
	5	84	317.55	1.006
	6	89	317.60	0.798
	7	79	317.50	0.798
	8	82	317.53	0.900
	9	85	317.56	0.900
	10	81	317.52	1.006
	11	86	317.57	1.120
	12	101	317.74	1.120
	13	94	317.65	1.006
	14	85	317.56	1.120
	15	80	317.51	1.241
	16	80	317.51	1.241
	17	85	317.56	1.006
	18	85	317.56	1.241
	19	88	317.59	1.500
	20	83	317.54	1.500
	21	106	317.77	1.500
	22	81	317.52	1.341
	23	82	317.53	0.900
	24	78	317.49	0.570
	25	82	317.53	0.798
	26	82	317.53	1.241
	27	93	317.64	1.2

TABLE D.4.92 STATION : MARITZA - PAZARDJIK (CODE NO. 71800)  
 Year : 1990  
 "0" Gauge Level : 199.58 m

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	53	200.11	9.075
	2	56	200.14	8.200
	3	54	200.12	8.495
	4	54	200.12	8.780
	5	54	200.12	8.495
	6	54	200.12	8.200
	7	51	200.12	7.199
	8	55	200.13	7.500
	9	54	200.12	7.500
	10	56	200.14	7.850
	11	56	200.14	8.200
	12	53	200.11	8.200
	13	34	199.92	7.500
	14	34	199.92	7.500
	15	38	199.96	8.200
	16	34	199.92	8.200
	17	34	199.92	8.200
	18	34	199.92	8.495
	19	34	199.92	8.495
	20	36	199.94	8.200
	21	36	199.94	7.850
	22	35	199.93	8.495
	23	32	199.90	8.780
	24	30	199.88	8.780
	25	30	199.88	8.200
	26	30	199.88	8.200
	27	28	199.86	8.200
	28	28	199.86	8.495
	29	28	199.86	8.200
	30	28	199.86	8.200
	31	28	199.86	8.200
Feb.	1	28	199.86	7.500
	2	28	199.86	7.500
	3	28	199.86	8.200
	4	32	199.90	7.500
	5	34	199.92	7.500
	6	34	199.92	7.850
	7	34	199.92	8.200
	8	34	199.92	7.500
	9	32	199.90	8.200
	10	32	199.90	8.200
	11	35	199.93	8.200
	12	30	199.88	8.200
	13	34	199.92	8.200
	14	34	199.92	8.200
	15	34	199.92	8.200
	16	30	199.88	6.920
	17	26	199.84	6.920
	18	30	199.88	7.500
	19	31	199.89	7.500
	20	30	199.88	7.500
	21	26	199.84	7.850
	22	26	199.84	8.200
	23	29	199.87	7.500
	24	28	199.86	7.500
	25	26	199.84	7.500
	26	30	199.88	7.500
	27	26	199.84	7.500
	28	26	199.84	7.500
Mar.	1	26	199.84	7.500
	2	26	199.84	7.500
	3	26	199.84	7.500
	4	30	199.88	7.500
	5	30	199.88	7.500
	6	28	199.86	7.500
	7	30	199.88	7.500
	8	30	199.88	7.500
	9	30	199.88	7.500
	10	28	199.86	8.200
	11	29	199.87	8.200
	12	31	199.89	7.500
	13	30	199.88	6.920
	14	26	199.84	6.920
	15	26	199.84	6.390
	16	26	199.84	5.800
	17	26	199.84	5.800
	18	30	199.88	5.800
	19	30	199.88	5.800
	20	28	199.86	4.780
	21	30	199.88	4.220
	22	30	199.88	3.800
	23	29	199.87	3.800
	24	30	199.88	3.800
	25	30	199.88	3.300
	26	30	199.88	3.300
	27	30	199.88	3.300
	28	30	199.88	2.820
	29	32	199.90	2.820
	30	28	199.86	3.300
	31	30	199.88	3.300

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	50	199.98	2.820
	2	42	200.00	2.820
	3	39	199.97	2.820
	4	36	199.94	2.820
	5	30	199.88	2.820
	6	30	199.88	2.820
	7	30	199.88	2.820
	8	26	199.84	2.820
	9	26	199.84	2.460
	10	26	199.84	1.100
	11	26	199.84	8.500
	12	26	199.84	6.300
	13	26	199.84	5.900
	14	23	199.81	4.390
	15	22	199.80	3.700
	16	22	199.80	3.380
	17	26	199.84	2.460
	18	32	199.90	3.070
	19	32	199.90	3.070
	20	32	199.90	3.070
	21	32	199.90	3.070
	22	29	199.87	3.070
	23	20	199.78	3.070
	24	20	199.78	2.754
	25	20	199.78	3.070
	26	18	199.76	3.380
	27	18	199.76	4.390
	28	18	199.76	3.700
	29	16	199.74	3.070
	30	16	199.74	2.460
May	1	14	199.72	2.460
	2	14	199.72	2.460
	3	14	199.72	3.070
	4	14	199.72	3.070
	5	16	199.74	3.380
	6	16	199.74	3.700
	7	16	199.74	3.700
	8	16	199.74	3.380
	9	22	199.80	3.070
	10	84	200.42	2.754
	11	81	200.39	2.000
	12	60	200.18	2.000
	13	57	200.15	1.767
	14	42	200.00	1.500
	15	42	200.00	1.500
	16	40	199.98	1.500
	17	34	199.92	1.500
	18	34	199.92	1.500
	19	35	199.93	1.500
	20	34	199.92	1.500
	21	31	199.89	1.500
	22	30	199.88	1.500
	23	26	199.84	1.500
	24	26	199.84	1.500
	25	24	199.82	1.500
	26	24	199.82	1.500
	27	24	199.82	1.500
	28	24	199.82	1.500
	29	24	199.82	1.767
	30	19	199.77	4.769
	31	18	199.76	12.920
June	1	20	199.78	10.359
	2	21	199.79	4.523
	3	20	199.78	3.800
	4	21	199.79	2.820
	5	20	199.78	2.820
	6	18	199.76	2.820
	7	18	199.76	2.820
	8	18	199.76	2.000
	9	16	199.74	2.000
	10	16	199.74	2.000
	11	17	199.75	2.000
	12	18	199.76	2.000
	13	18	199.76	2.216
	14	18	199.76	2.420
	15	18	199.76	2.420
	16	14	199.72	2.000
	17	14	199.72	2.000
	18	14	199.72	2.000
	19	13	199.71	1.751
	20	13	199.71	1.500
	21	14	199.72	1.500
	22	16	199.74	1.500
	23	15	199.73	1.500
	24	14	199.72	1.500
	25	14	199.72	1.500
	26	14	199.72	1.500
	27	14	199.72	1.500
	28	13	199.71	1.500
	29	8	199.66	1.020
	30	2	199.60	1.020

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
July	1	2	199.60	1.020
	2	2	199.60	1.020
	3	2	199.60	1.020
	4	2	199.60	1.020
	5	2	199.60	1.020
	6	2	199.60	1.020
	7	2	199.60	1.020
	8	2	199.60	1.020
	9	2	199.60	1.020
	10	2	199.60	1.020
	11	2	199.60	0.837
	12	2	199.60	0.720
	13	2	199.60	0.720
	14	4	199.62	0.720
	15	4	199.62	0.720
	16	4	199.62	0.720
	17	2	199.60	0.720
	18	2	199.60	0.720
	19	2	199.60	0.720
	20	2	199.60	0.720
	21	2	199.60	0.720
	22	2	199.60	0.720
	23	2	199.60	0.720
	24	2	199.60	0.720
	25	2	199.60	0.720
	26	2	199.60	0.720
	27	3	199.61	0.720
	28	3	199.61	0.720
	29	3	199.61	0.720
	30	2	199.60	0.720
	31	3	199.61	0.720
Aug.	1	3	199.61	0.720
	2	3	199.61	0.720
	3	3	199.61	0.720
	4	3	199.61	0.720
	5	3	199.61	0.720
	6	2	199.60	0.720
	7	2	199.60	0.720
	8	2	199.60	0.720
	9	2	199.60	0.720
	10	3	199.61	1.020
	11	3	199.61	1.020
	12	3	199.61	0.720
	13	3	199.61	0.720
	14	2	199.60	0.720
	15	2	199.60	0.720
	16	2	199.60	0.720
	17	2	199.60	0.720
	18	2	199.60	0.720
	19	2	199.60	0.720
	20	2	199.60	0.720
	21	2	199.60	0.720
	22	2	199.60	0.720
	23	2	199.60	1.020
	24	2	199.60	1.020
	25	2	199.60	0.720
	26	2	199.60	0.720
	27	2	199.60	0.720
	28	2	199.60	0.720
	29	2	199.60	0.720
	30	2	199.60	0.720
	31	2	199.60	0.720
Sep.	1	2	199.60	0.720
	2	2	199.60	0.720
	3	2	199.60	0.720
	4	2	199.60	0.720
	5	2	199.60	0.720
	6	2	199.60	0.720
	7	2	199.60	0.720
	8	2	199.60	0.720
	9	2	199.60	0.720
	10	2	199.60	0.720
	11	2	199.60	0.720
	12	2	199.60	0.720
	13	2	199.60	0.720
	14	2	199.60	0.720
	15	2	199.60	0.720
	16	2	199.60	0.720
	17	2	199.60	0.720
	18	2	199.60	0.720
	19	2	199.60	0.720
	20	2	199.60	2.000
	21	2	199.60	4.523
	22	2	199.60	3.800
	23	2	199.60	3.299
	24	2	199.60	3.299
	25	2	199.60	3.299
	26	2	199.60	2.820
	27	2	199.60	2.820
	28	2	199.60	2.820
	29	2	199.60	3.548
	30	3	199.61	4.523

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Oct.	1	3	199.61	5.285
	2	2	199.60	4.769
	3	2	199.60	5.285
	4	2	199.60	5.285
	5	2	199.60	5.285
	6	2	199.60	5.830
	7	2	199.60	5.830
	8	2	199.60	5.285
	9	2	199.60	4.769
	10	2	199.60	4.769
	11	2	199.60	4.769
	12	2	199.60	4.769
	13	2	199.60	4.769
	14	2	199.60	4.769
	15	3	199.61	4.769
	16	3	199.61	4.769
	17	2	199.60	5.020
	18	2	199.60	5.285
	19	2	199.60	5.285
	20	2	199.60	5.285
	21	2	199.60	4.769
	22	3	199.61	4.769
	23	3	199.61	5.020
	24	2	199.60	5.285
	25	2	199.60	5.285
	26			

TABLE D.4.93 STATION : MARITZA - PLOVDIV (CODE NO. 72700)  
Year : 1990  
"0" Gauge Level : 155.08 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	32	155.40	48.024
	2	13	155.21	37.667
	3	56	155.64	34.776
	4	86	155.94	39.650
	5	89	155.97	40.664
	6	69	155.77	33.834
	7	67	155.75	49.109
	8	65	155.73	68.200
	9	65	155.73	70.849
	10	44	155.52	55.754
	11	28	155.36	32.904
	12	12	155.20	26.735
	13	13	155.21	22.637
	14	2	155.10	21.042
	15	2	155.10	25.075
	16	4	155.12	37.667
	17	0	155.08	54.633
	18	-2	155.06	34.776
	19	-2	155.06	31.986
	20	-3	155.05	32.904
	21	5	155.13	25.075
	22	7	155.15	18.750
	23	0	155.08	36.692
	24	4	155.12	30.184
	25	11	155.19	23.450
	26	0	155.08	17.315
	27	-3	155.05	14.665
	28	-5	155.03	14.042
	29	25	155.33	20.264
	30	-1	155.07	25.075
	31	13	155.21	16.625
Feb.	1	10	155.18	17.315
	2	24	155.32	37.407
	3	9	155.17	57.127
	4	1	155.09	21.834
	5	1	155.09	15.299
	6	0	155.08	12.866
	7	-2	155.06	15.299
	8	7	155.15	24.238
	9	6	155.14	25.075
	10	28	155.36	20.264
	11	9	155.17	22.637
	12	9	155.17	25.901
	13	9	155.17	39.650
	14	29	155.37	32.904
	15	12	155.20	27.580
	16	0	155.08	25.075
	17	39	155.47	16.625
	18	55	155.63	15.952
	19	20	155.28	15.299
	20	1	155.09	14.665
	21	2	155.10	25.901
	22	23	155.31	21.834
	23	13	155.21	14.665
	24	31	155.39	11.800
	25	31	155.39	10.900
	26	17	155.25	10.450
	27	12	155.20	10.450
	28	4	155.12	11.350
Mar.	1	-1	155.07	21.042
	2	-2	155.06	14.042
	3	-4	155.04	10.450
	4	-7	155.01	10.450
	5	-7	155.01	32.904
	6	-7	155.01	44.817
	7	-3	155.05	31.079
	8	2	155.10	20.264
	9	4	155.04	16.625
	10	-6	155.02	11.800
	11	-6	155.02	9.993
	12	-8	155.00	10.900
	13	1	155.09	9.993
	14	1	155.09	8.228
	15	-5	155.03	10.900
	16	-8	155.00	14.042
	17	-9	154.99	14.042
	18	-2	155.06	9.539
	19	-3	155.05	8.228
	20	-4	155.04	9.090
	21	-2	155.06	7.820
	22	-1	155.07	5.600
	23	0	155.08	5.600
	24	2	155.10	4.742
	25	7	155.15	4.470
	26	7	155.15	5.600
	27	7	155.15	5.969
	28	10	155.18	5.000
	29	40	155.48	5.000
	30	47	155.55	18.024
	31	32	155.40	17.315

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	18	155.26	7.427
	2	27	155.35	5.286
	3	8	155.16	4.742
	4	1	155.09	4.153
	5	-1	155.07	4.153
	6	-2	155.06	5.286
	7	-3	155.05	5.600
	8	5	155.13	5.000
	9	23	155.31	7.427
	10	10	155.18	24.258
	11	7	155.15	48.024
	12	10	155.18	29.300
	13	5	155.13	23.450
	14	-8	155.00	26.735
	15	-12	154.96	15.299
	16	-9	154.99	10.900
	17	-8	155.00	22.637
	18	12	155.20	13.441
	19	1	155.07	9.539
	20	2	155.10	9.090
	21	9	155.17	13.441
	22	3	155.11	10.450
	23	2	155.10	8.228
	24	2	155.10	6.701
	25	5	155.13	5.600
	26	2	155.10	5.000
	27	-2	155.06	4.470
	28	-6	155.02	4.153
	29	-8	155.00	3.900
	30	-3	155.05	3.900
May	1	3	155.11	14.042
	2	-9	154.99	23.450
	3	-3	155.05	40.664
	4	14	155.22	42.303
	5	19	155.27	17.875
	6	29	155.37	8.516
	7	8	155.16	6.628
	8	-1	155.07	8.050
	9	31	155.39	19.754
	10	91	155.99	22.457
	11	66	155.74	18.450
	12	46	155.54	16.602
	13	3	155.11	14.182
	14	23	155.31	13.600
	15	24	155.32	21.100
	16	13	155.21	9.500
	17	15	155.23	7.575
	18	31	155.39	6.800
	19	40	155.48	6.800
	20	30	155.38	14.182
	21	11	155.19	21.100
	22	5	155.13	31.100
	23	3	155.11	15.386
	24	0	155.08	9.003
	25	12	155.20	6.800
	26	14	155.22	6.400
	27	12	155.20	6.628
	28	6	155.14	11.500
	29	3	155.11	20.422
	30	2	155.10	41.864
	31	10	155.18	72.284
June	1	1	155.09	54.665
	2	-6	155.02	30.552
	3	-11	154.97	18.450
	4	0	155.08	14.778
	5	-5	155.03	12.525
	6	-7	155.01	9.992
	7	1	155.09	9.500
	8	-9	154.99	9.992
	9	11	155.19	9.003
	10	5	155.13	10.489
	11	-11	154.97	9.500
	12	-15	154.93	18.450
	13	-18	154.90	18.450
	14	11	155.19	10.489
	15	-9	154.99	8.050
	16	-18	154.90	6.800
	17	-19	154.89	6.800
	18	-20	154.88	7.154
	19	8	155.16	12.525
	20	-17	154.91	8.050
	21	-18	154.90	6.800
	22	-18	154.90	6.800
	23	-20	154.88	6.800
	24	-21	154.87	7.154
	25	-20	154.88	9.003
	26	-22	154.86	10.189
	27	-23	154.85	7.154
	28	-24	154.84	5.872
	29	-24	154.84	6.400
	30	-23	154.85	5.872

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	-24	154.84	6.400
	2	-24	154.84	6.400
	3	-24	154.84	5.872
	4	-25	154.83	8.518
	5	-26	154.82	5.872
	6	-23	154.85	5.872
	7	-24	154.84	5.350
	8	-23	154.85	7.154
	9	-23	154.86	7.154
	10	-22	154.86	9.500
	11	-22	154.86	8.050
	12	-23	154.85	6.800
	13	-22	154.86	20.491
	14	-20	154.88	8.637
	15	-18	154.90	7.450
	16	-18	154.90	7.150
	17	-20	154.88	7.450
	18	-20	154.88	7.700
	19	-19	154.89	7.450
	20	-20	154.88	7.450
	21	-22	154.86	7.450
	22	-23	154.85	7.700
	23	-22	154.86	8.300
	24	-23	154.85	8.300
	25	-24	154.84	9.273
	26	-23	154.85	10.033
	27	-26	154.82	10.033
	28	-24	154.84	8.975
	29	-25	154.83	8.975
	30	-25	154.83	9.273
	31	-25	154.83	7.975
Aug.	1	-26	154.82	7.700
	2	-25	154.83	7.975
	3	-25	154.83	7.975
	4	-25	154.83	7.975
	5	-25	154.83	8.300
	6	-26	154.82	8.300
	7	-27	154.81	8.300
	8	-26	154.82	7.975
	9	-26	154.82	7.975
	10	-25	154.83	7.700
	11	-23	154.85	7.700
	12	-19	154.89	7.700
	13	-16	154.92	7.450
	14	-20	154.88	7.450
	15	-19	154.89	7.450
	16	-18	154.90	7.450
	17	-19	154.89	7.450
	18	-20	154.88	7.450
	19	-20	154.88	7.450
	20	-20	154.88	7.450
	21	-19	154.89	7.450
	22	-19	154.89	7.450
	23	-20	154.88	7.450
	24	-23	154.85	7.700
	25	-24	154.84	7.700
	26	-26	154.82	7.700
	27	-26	154.82	7.450
	28	-24	154.84	7.450
	29	-23	154.85	7.450
	30	-17	154.91	7.450
	31	-16	154.92	7.450
Sept.	1	-18	154.90	7.150
	2	-17	154.91	7.150
	3	-17	154.91	7.150
	4	-16	154.92	7.150
	5	-13	154.95	7.150
	6	-16	154.92	7.150
	7	-15	154.93	7.150
	8	-16	154.92	7.150
	9	-16	154.92	7.150
	10	-15	154.93	7.150
	11	-14	154.94	8.935
	12	-12	154.96	8.980
	13	-14	154.94	11.650
	14	-13	154.95	11.650
	15	-14	154.94	12.155
	16	-12	154.96	12.155
	17	-12	154.96	12.647
	18	-14	154.94	22.103
	19	-14	154.94	37.670
	20	-14	154.94	25.295
	21	-10	154.98	21.313
	22	16	155.24	24.491
	23	-6	155.02	20.532
	24	-5	155.03	15.203
	25	-7	155.01	22.103
	26	-4	155.04	21.313
	27	-1	155.07	15.203
	28	4	155.12	13.700
	29	0	155.08	14.429
	30</			

TABLE D.4.94 STATION : MARITZA - PARVOMAY (CODE NO. 72850)

Year : 1990

"0" Gauge Level : 116.98 m

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	233	119.31	43.500
	2	229	119.27	42.634
	3	236	119.34	47.703
	4	261	119.39	44.501
	5	275	119.73	46.614
	6	252	119.50	51.906
	7	246	119.44	59.500
	8	232	119.30	63.098
	9	233	119.31	82.002
	10	243	119.41	79.000
	11	241	119.39	46.614
	12	244	119.42	42.654
	13	230	119.28	35.918
	14	238	119.26	34.103
	15	227	119.25	34.103
	16	225	119.23	43.500
	17	224	119.22	58.362
	18	224	119.22	56.147
	19	223	119.21	49.835
	20	223	119.21	46.614
	21	222	119.20	42.654
	22	226	119.24	35.918
	23	226	119.24	44.501
	24	225	119.23	50.870
	25	225	119.23	38.626
	26	225	119.23	35.000
	27	222	119.20	35.000
	28	221	119.19	30.560
	29	225	119.23	27.132
	30	236	119.34	40.282
	31	234	119.32	31.437
Feb.	1	238	119.36	29.690
	2	240	119.38	44.501
	3	244	119.42	61.876
	4	240	119.38	40.282
	5	237	119.35	32.321
	6	230	119.28	28.690
	7	222	119.20	27.975
	8	223	119.21	41.059
	9	226	119.24	41.059
	10	229	119.27	33.210
	11	239	119.37	39.500
	12	234	119.32	35.000
	13	233	119.31	44.501
	14	235	119.33	43.500
	15	241	119.39	38.831
	16	238	119.36	41.059
	17	239	119.37	34.103
	18	252	119.50	26.300
	19	256	119.54	28.828
	20	249	119.47	30.560
	21	244	119.42	27.132
	22	242	119.40	42.654
	23	246	119.44	26.300
	24	233	119.31	26.300
	25	234	119.32	26.300
	26	234	119.32	24.704
	27	230	119.28	24.704
	28	224	119.22	27.132
Mar.	1	224	119.22	29.690
	2	223	119.21	28.828
	3	222	119.20	26.300
	4	221	119.19	25.496
	5	220	119.18	31.437
	6	219	119.17	54.000
	7	219	119.17	54.000
	8	219	119.17	38.626
	9	222	119.20	39.500
	10	222	119.20	25.496
	11	222	119.20	23.156
	12	222	119.20	22.400
	13	222	119.20	24.704
	14	226	119.24	23.156
	15	225	119.23	23.156
	16	225	119.23	26.300
	17	225	119.23	27.132
	18	225	119.23	23.156
	19	226	119.24	20.204
	20	226	119.24	21.656
	21	226	119.24	20.924
	22	225	119.23	17.457
	23	226	119.24	16.158
	24	228	119.26	14.902
	25	229	119.27	14.902
	26	232	119.30	15.525
	27	232	119.30	17.457
	28	233	119.31	13.683
	29	269	119.67	12.500
	30	266	119.64	20.924
	31	266	119.64	35.918
Apr.	1	251	119.49	31.437
	2	245	119.43	23.156
	3	243	119.41	20.924
	4	238	119.36	18.800
	5	234	119.32	17.457
	6	232	119.30	17.457
	7	229	119.27	16.158
	8	228	119.26	17.457
	9	230	119.28	16.800
	10	237	119.35	21.656
	11	235	119.33	41.845
	12	234	119.32	51.906
	13	236	119.34	43.500
	14	234	119.32	41.845
	15	232	119.30	32.321
	16	232	119.30	23.924
	17	232	119.30	24.704
	18	242	119.40	32.321
	19	253	119.51	25.496
	20	250	119.48	24.704
	21	249	119.47	27.975
	22	244	119.42	23.924
	23	236	119.34	23.156
	24	236	119.34	20.924
	25	231	119.29	18.800
	26	230	119.28	17.457
	27	225	119.23	17.457
	28	222	119.20	16.158
	29	222	119.20	18.123
	30	222	119.20	18.800
May	1	222	119.20	19.500
	2	223	119.21	23.924
	3	221	119.19	40.282
	4	221	119.19	49.835
	5	228	119.26	46.614
	6	245	119.43	35.000
	7	246	119.44	24.704
	8	236	119.34	28.828
	9	234	119.32	37.735
	10	296	119.94	44.501
	11	348	120.46	40.282
	12	313	120.11	35.918
	13	283	119.81	28.828
	14	267	119.65	25.469
	15	265	119.63	27.132
	16	259	119.57	24.704
	17	251	119.49	19.496
	18	252	119.50	17.457
	19	260	119.58	18.800
	20	258	119.56	22.400
	21	253	119.51	27.132
	22	245	119.43	27.975
	23	239	119.37	23.924
	24	236	119.34	20.924
	25	234	119.32	17.457
	26	249	119.47	14.902
	27	252	119.50	14.902
	28	245	119.43	24.704
	29	239	119.37	30.560
	30	236	119.34	40.282
	31	234	119.32	63.098
June	1	234	119.32	101.257
	2	232	119.30	72.030
	3	228	119.26	50.870
	4	227	119.25	35.000
	5	235	119.33	27.975
	6	231	119.29	23.924
	7	228	119.26	20.204
	8	226	119.24	20.204
	9	226	119.24	20.204
	10	236	119.34	18.123
	11	228	119.26	17.457
	12	220	119.18	17.457
	13	216	119.14	22.400
	14	214	119.12	16.802
	15	228	119.26	14.902
	16	220	119.18	13.683
	17	216	119.14	15.525
	18	213	119.11	17.457
	19	204	119.02	16.158
	20	222	119.20	16.802
	21	218	119.16	13.683
	22	202	119.00	13.683
	23	202	119.00	14.288
	24	200	118.98	13.683
	25	200	118.98	11.904
	26	200	118.98	13.087
	27	198	118.96	11.316
	28	197	118.95	11.316
	29	197	118.95	10.169
	30	197	118.95	10.737
July	1	196	118.94	10.169
	2	193	118.93	8.006
	3	195	118.93	7.496
	4	195	118.93	7.496
	5	195	118.93	7.496
	6	195	118.93	7.000
	7	195	118.93	9.611
	8	195	118.93	9.064
	9	195	118.93	9.611
	10	196	118.94	6.064
	11	197	118.95	8.528
	12	197	118.95	7.496
	13	197	118.95	8.006
	14	197	118.95	14.902
	15	197	118.95	10.737
	16	197	118.95	9.064
	17	196	118.94	8.528
	18	196	118.94	7.000
	19	196	118.94	6.052
	20	196	118.94	6.518
	21	196	118.94	6.052
	22	196	118.94	6.052
	23	196	118.94	6.052
	24	196	118.94	6.052
	25	195	118.93	5.165
	26	194	118.92	5.600
	27	194	118.92	10.737
	28	194	118.92	4.747
	29	186	118.84	4.346
	30	180	118.78	4.346
	31	180	118.78	3.964
Aug.	1	180	118.78	3.600
	2	180	118.78	3.600
	3	180	118.78	3.600
	4	180	118.78	3.600
	5	180	118.78	4.346
	6	180	118.78	4.747
	7	180	118.78	5.600
	8	180	118.78	5.165
	9	180	118.78	5.165
	10	180	118.78	6.052
	11	180	118.78	5.600
	12	180	118.78	6.052
	13	180	118.78	8.006
	14	180	118.78	6.052
	15	180	118.78	6.052
	16	180	118.78	5.165
	17	180	118.78	5.165
	18	181	118.79	5.165
	19	182	118.80	5.165
	20	182	118.80	5.600
	21	182	118.80	9.611
	22	182	118.80	8.528
	23	180	118.78	11.316
	24	180	118.78	16.158
	25	180	118.78	9.611
	26	180	118.78	9.064
	27	180	118.78	9.064
	28	180	118.78	9.064
	29	191	118.89	9.611
	30	192	118.90	9.064
	31	198	118.96	9.064
Sep.	1	201	118.99	9.064
	2	202	119.00	9.064
	3	202	119.00	9.064
	4	202	119.00	9.611
	5	203	119.01	9.064
	6	204	119.02	9.611
	7	204	119.02	12.500
	8	204	119.02	13.087
	9	204	119.02	14.902
	10	204	119.02	15.525
	11	204	119.02	16.802
	12	204	119.02	19.496
	13	204	119.02	20.924
	14	206	119.04	21.656
	15	206	119.04	21.656
	16	205	119.03	23.156
	17	205	119.03	23.156
	18	205	119.03	23.924
	19	205	119.03	27.975
	20	205	119.03	31.437
	21	205	119.03	27.975
	22	210	119.08	25.496
	23	223	119.21	24.704
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TABLE D.4.95 STATION : MARITZA - HARMANLI (CODE NO. 73750)

Year : 1990

"0" Gauge Level : 66.21 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	142	67.63	87.487
	2	136	67.57	92.000
	3	136	67.57	74.599
	4	135	67.56	74.599
	5	164	67.85	73.319
	6	192	68.13	76.000
	7	194	68.15	73.190
	8	178	67.99	66.731
	9	184	68.05	82.094
	10	162	67.83	101.945
	11	147	67.68	109.595
	12	128	67.49	84.214
	13	125	67.46	70.505
	14	119	67.40	60.667
	15	116	67.37	54.729
	16	117	67.38	51.000
	17	115	67.36	60.667
	18	111	67.32	83.159
	19	108	67.29	83.159
	20	107	67.28	74.599
	21	106	67.27	74.599
	22	106	67.27	69.742
	23	111	67.32	65.471
	24	109	67.30	76.000
	25	105	67.26	81.000
	26	105	67.26	74.599
	27	105	67.26	64.226
	28	100	67.21	59.500
	29	97	67.18	59.500
	30	102	67.23	59.500
	31	109	67.30	68.000
Feb.	1	101	67.22	64.226
	2	114	67.35	61.833
	3	114	67.35	69.742
	4	118	67.39	90.843
	5	112	67.33	79.822
	6	103	67.24	59.500
	7	99	67.20	52.200
	8	96	67.17	49.909
	9	97	67.18	54.729
	10	105	67.26	58.343
	11	107	67.28	53.452
	12	113	67.34	56.000
	13	103	67.24	54.729
	14	102	67.23	59.500
	15	106	67.27	65.471
	16	110	67.31	52.200
	17	104	67.25	51.000
	18	103	67.24	46.000
	19	126	67.47	45.077
	20	135	67.56	46.000
	21	115	67.36	46.000
	22	107	67.28	44.101
	23	116	67.37	47.300
	24	122	67.43	41.432
	25	115	67.36	40.719
	26	125	67.46	38.326
	27	119	67.40	36.716
	28	114	67.35	37.362
Mar.	1	104	67.25	40.721
	2	100	67.21	42.332
	3	103	67.24	43.958
	4	106	67.27	40.721
	5	107	67.28	39.923
	6	105	67.26	39.923
	7	102	67.23	54.938
	8	101	67.22	61.901
	9	103	67.24	48.842
	10	103	67.24	46.401
	11	102	67.23	40.721
	12	102	67.23	36.775
	13	101	67.22	34.437
	14	101	67.22	35.215
	15	106	67.27	34.437
	16	103	67.24	33.669
	17	100	67.21	37.555
	18	99	67.20	38.339
	19	98	67.19	34.437
	20	99	67.20	32.163
	21	100	67.21	31.428
	22	101	67.22	30.707
	23	101	67.22	27.537
	24	104	67.25	26.360
	25	107	67.28	25.189
	26	110	67.31	25.189
	27	112	67.33	26.360
	28	113	67.34	26.946
	29	117	67.38	24.000
	30	153	67.74	22.584
	31	151	67.72	21.152

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	149	67.70	36.775
	2	133	67.54	36.775
	3	131	67.52	30.000
	4	128	67.49	26.946
	5	121	67.42	24.598
	6	117	67.38	23.295
	7	115	67.36	23.295
	8	112	67.33	23.295
	9	113	67.34	23.295
	10	119	67.40	23.295
	11	120	67.41	32.910
	12	114	67.35	50.513
	13	112	67.33	59.846
	14	115	67.36	52.229
	15	110	67.31	50.513
	16	107	67.28	45.600
	17	116	67.37	36.775
	18	133	67.54	36.000
	19	143	67.64	43.958
	20	139	67.60	39.129
	21	130	67.51	36.000
	22	138	67.59	38.339
	23	137	67.58	37.555
	24	129	67.50	32.910
	25	128	67.49	31.428
	26	125	67.46	30.707
	27	124	67.45	30.707
	28	123	67.44	30.707
	29	122	67.43	30.707
	30	120	67.41	30.707
May	1	119	67.40	25.189
	2	121	67.42	24.598
	3	119	67.40	30.000
	4	115	67.36	38.339
	5	119	67.40	54.000
	6	128	67.49	55.891
	7	143	67.64	42.332
	8	145	67.66	38.321
	9	134	67.55	36.000
	10	144	67.65	41.524
	11	223	68.44	51.365
	12	247	68.68	51.365
	13	214	68.35	41.524
	14	189	68.10	36.775
	15	173	67.94	31.428
	16	168	67.89	36.775
	17	166	67.87	36.000
	18	162	67.83	30.000
	19	156	67.77	26.946
	20	162	67.83	25.189
	21	165	67.86	26.360
	22	153	67.74	32.910
	23	144	67.65	39.129
	24	145	67.66	39.923
	25	140	67.61	30.707
	26	150	67.71	26.360
	27	157	67.78	24.000
	28	154	67.75	22.854
	29	142	67.63	29.364
	30	137	67.58	36.000
	31	134	67.55	45.600
June	1	131	67.52	67.195
	2	132	67.53	101.355
	3	130	67.51	90.795
	4	125	67.46	68.280
	5	122	67.43	53.107
	6	127	67.48	44.777
	7	122	67.43	39.129
	8	120	67.41	32.910
	9	120	67.41	31.428
	10	118	67.39	29.364
	11	123	67.44	28.743
	12	116	67.37	26.946
	13	109	67.30	25.189
	14	98	67.19	28.743
	15	97	67.18	29.364
	16	110	67.31	26.360
	17	106	67.27	25.189
	18	98	67.19	24.000
	19	91	67.12	23.295
	20	92	67.13	22.584
	21	100	67.21	21.868
	22	97	67.18	21.152
	23	94	67.15	19.728
	24	85	67.06	17.659
	25	82	67.03	16.429
	26	79	67.00	15.877
	27	69	66.90	17.000
	28	67	66.88	16.439
	29	66	66.87	14.323
	30	63	66.84	12.000

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	66	66.87	9.475
	2	73	66.94	7.835
	3	70	66.91	7.420
	4	68	66.89	7.000
	5	70	66.91	8.657
	6	72	66.93	8.657
	7	74	66.95	8.657
	8	70	66.91	8.657
	9	71	66.92	8.657
	10	68	66.89	8.657
	11	67	66.88	9.475
	12	67	66.88	11.137
	13	70	66.91	10.716
	14	71	66.92	10.299
	15	67	66.88	9.886
	16	66	66.87	11.565
	17	71	66.92	10.299
	18	70	66.91	10.299
	19	68	66.89	8.657
	20	66	66.87	8.247
	21	66	66.87	7.835
	22	67	66.88	7.835
	23	67	66.88	7.835
	24	71	66.92	9.475
	25	75	66.96	10.716
	26	74	66.95	9.475
	27	73	66.94	9.475
	28	70	66.91	9.475
	29	68	66.89	11.565
	30	68	66.89	12.000
	31	67	66.88	12.000
Aug.	1	66	66.87	11.565
	2	68	66.89	10.299
	3	68	66.89	9.066
	4	68	66.89	8.247
	5	70	66.91	8.247
	6	69	66.90	11.565
	7	66	66.87	12.000
	8	658	72.79	12.443
	9	64	66.85	11.137
	10	64	66.85	11.565
	11	69	66.90	10.299
	12	72	66.93	12.000
	13	74	66.95	12.000
	14	75	66.96	12.000
	15	74	66.95	12.000
	16	76	66.97	11.565
	17	76	66.97	10.716
	18	72	66.93	12.000
	19	73	66.94	11.565
	20	74	66.95	11.565
	21	72	66.93	10.716
	22	70	66.91	12.000
	23	70	66.91	12.896
	24	71	66.92	14.825
	25	72	66.93	14.825
	26	72	66.93	15.877
	27	72	66.93	15.343
	28	72	66.93	14.825
	29	72	66.93	16.429
	30	72	66.93	16.429
	31	87	67.08	15.877
Sept.	1	89	67.10	15.877
	2	85	67.06	15.343
	3	83	67.04	15.343
	4	82	67.03	15.343
	5	82	67.03	15.343
	6	84	67.05	14.825
	7	84	67.05	14.825
	8	87	67.08	14.825
	9	81	67.04	17.000
	10	84	67.05	17.000
	11	86	67.07	19.728
	12	85	67.06	19.728
	13	86	67.07	19.728
	14	81	67.02	24.000
	15	80	67.01	24.598
	16	78	66.99	24.598
	17	76	66.97	24.598
	18	76	66.97	24.598
	19	76	66.97	24.598
	20	76	66.97	24.598
	21	76	66.97	30.000
	22	79	67.00	34.437
	23	80	67.01	28.743
	24	94	67.15	28.743
	25	97	67.18	28.743

TABLE D.4.96 STATION : MARITZA - SVILEN Grad (CODE NO. 73850)

Year : 1990

"0" Gauge Level : 46.88 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	90	47.78	93.800
	2	94	47.82	93.000
	3	93	47.81	93.000
	4	91	47.79	73.590
	5	100	47.88	73.590
	6	118	48.06	81.762
	7	126	48.14	84.549
	8	126	48.14	73.590
	9	122	48.10	76.277
	10	119	48.07	98.600
	11	111	47.99	113.216
	12	107	47.95	104.200
	13	99	47.87	76.277
	14	92	47.80	68.347
	15	84	47.72	58.526
	16	83	47.71	49.801
	17	83	47.71	45.870
	18	82	47.70	58.526
	19	80	47.68	90.174
	20	79	47.67	76.277
	21	79	47.67	70.946
	22	78	47.66	70.946
	23	79	47.67	65.800
	24	80	47.68	63.315
	25	77	47.65	79.000
	26	77	47.65	76.277
	27	79	47.67	68.347
	28	76	47.64	56.229
	29	75	47.63	56.229
	30	75	47.63	56.229
	31	81	47.69	58.526
Feb.	1	76	47.64	70.946
	2	79	47.67	60.890
	3	82	47.70	65.800
	4	83	47.71	76.277
	5	82	47.70	98.600
	6	78	47.66	68.347
	7	75	47.63	54.000
	8	74	47.62	47.803
	9	73	47.61	44.000
	10	75	47.63	47.803
	11	75	47.63	60.890
	12	76	47.64	56.229
	13	74	47.62	56.229
	14	72	47.60	56.229
	15	71	47.59	70.946
	16	76	47.64	73.590
	17	74	47.62	58.526
	18	69	47.57	54.000
	19	74	47.62	47.803
	20	85	47.73	45.870
	21	79	47.67	45.870
	22	69	47.57	44.000
	23	71	47.59	44.000
	24	76	47.64	47.803
	25	75	47.63	44.000
	26	77	47.65	40.470
	27	80	47.68	38.778
	28	75	47.63	35.500
Mar.	1	73	47.61	35.500
	2	74	47.62	37.123
	3	78	47.66	40.470
	4	77	47.65	42.209
	5	77	47.65	38.778
	6	77	47.65	37.123
	7	77	47.65	42.209
	8	77	47.65	68.347
	9	77	47.65	63.315
	10	78	47.66	49.801
	11	76	47.64	45.870
	12	76	47.64	38.778
	13	78	47.66	35.500
	14	79	47.67	32.341
	15	81	47.69	29.194
	16	81	47.69	27.600
	17	79	47.67	24.115
	18	76	47.64	29.194
	19	77	47.65	33.914
	20	77	47.65	30.771
	21	77	47.65	27.600
	22	77	47.65	24.115
	23	78	47.66	20.666
	24	78	47.66	17.498
	25	80	47.68	16.053
	26	82	47.70	14.659
	27	84	47.72	16.053
	28	83	47.71	24.115
	29	85	47.73	25.862
	30	109	47.88	20.666
	31	108	47.96	14.659

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	106	47.94	32.341
	2	102	47.90	47.803
	3	94	47.82	37.123
	4	93	47.81	29.194
	5	87	47.75	22.377
	6	83	47.71	17.498
	7	81	47.69	20.666
	8	79	47.67	20.666
	9	78	47.66	24.115
	10	79	47.67	24.115
	11	78	47.66	32.341
	12	74	47.62	47.803
	13	72	47.60	65.800
	14	73	47.61	63.315
	15	74	47.62	54.000
	16	69	47.57	56.229
	17	72	47.60	44.000
	18	82	47.70	35.500
	19	89	47.77	42.209
	20	93	47.81	47.803
	21	85	47.73	42.209
	22	82	47.70	38.778
	23	83	47.71	38.778
	24	80	47.68	29.194
	25	77	47.65	22.377
	26	75	47.63	25.862
	27	73	47.61	25.862
	28	71	47.59	25.862
	29	74	47.62	25.862
	30	74	47.62	24.115
May	1	75	47.63	24.115
	2	74	47.62	24.115
	3	76	47.64	25.862
	4	74	47.62	42.209
	5	76	47.64	65.800
	6	78	47.66	87.355
	7	84	47.72	63.315
	8	90	47.78	44.000
	9	89	47.77	35.500
	10	92	47.80	35.500
	11	123	48.11	51.866
	12	155	48.43	63.315
	13	139	48.27	56.229
	14	120	48.08	47.803
	15	107	47.95	35.500
	16	102	47.90	27.600
	17	101	47.89	38.778
	18	99	47.87	30.771
	19	97	47.85	25.862
	20	101	47.89	25.862
	21	107	47.95	29.194
	22	105	47.93	30.771
	23	95	47.83	35.500
	24	91	47.79	60.890
	25	92	47.80	45.840
	26	94	47.82	35.500
	27	99	47.87	32.341
	28	98	47.86	25.862
	29	93	47.81	24.115
	30	90	47.78	30.771
	31	88	47.76	45.870
June	1	87	47.75	63.315
	2	86	47.74	95.809
	3	85	47.73	110.072
	4	83	47.71	93.000
	5	81	47.69	65.800
	6	84	47.72	47.803
	7	84	47.72	38.778
	8	83	47.71	33.914
	9	82	47.70	29.194
	10	80	47.68	27.600
	11	81	47.69	25.862
	12	82	47.70	25.862
	13	77	47.65	24.115
	14	74	47.62	24.115
	15	73	47.61	25.862
	16	74	47.62	29.194
	17	78	47.66	25.862
	18	72	47.60	24.115
	19	71	47.59	24.115
	20	71	47.59	22.377
	21	70	47.58	22.377
	22	68	47.56	22.377
	23	67	47.55	22.377
	24	65	47.53	22.377
	25	64	47.52	22.377
	26	63	47.51	22.377
	27	63	47.51	22.377
	28	63	47.51	22.377
	29	63	47.51	22.377
	30	63	47.51	22.377

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	63	47.51	22.377
	2	63	47.51	20.666
	3	62	47.50	19.000
	4	62	47.50	12.000
	5	61	47.49	8.082
	6	60	47.48	5.800
	7	60	47.48	4.797
	8	60	47.48	4.797
	9	61	47.49	5.800
	10	61	47.49	6.899
	11	61	47.49	6.899
	12	60	47.48	5.800
	13	60	47.48	6.899
	14	60	47.48	5.800
	15	60	47.48	4.797
	16	60	47.48	6.899
	17	60	47.48	5.800
	18	60	47.48	44.797
	19	60	47.48	5.800
	20	60	47.48	5.800
	21	59	47.47	4.797
	22	59	47.47	4.797
	23	59	47.47	4.797
	24	59	47.47	4.797
	25	59	47.47	4.797
	26	58	47.46	4.797
	27	57	47.45	4.797
	28	56	47.44	4.797
	29	56	47.44	5.800
	30	56	47.44	5.800
	31	55	47.43	5.800
Aug.	1	54	47.42	3.130
	2	56	47.44	3.130
	3	56	47.44	2.491
	4	56	47.44	3.130
	5	56	47.44	3.130
	6	56	47.44	3.902
	7	55	47.43	2.491
	8	55	47.43	3.130
	9	55	47.43	2.491
	10	57	47.45	2.491
	11	58	47.46	2.797
	12	56	47.44	3.130
	13	56	47.44	3.902
	14	55	47.43	3.902
	15	55	47.43	3.902
	16	56	47.44	3.130
	17	56	47.44	3.130
	18	56	47.44	3.902
	19	55	47.43	3.902
	20	55	47.43	3.130
	21	54	47.42	2.491
	22	54	47.42	2.000
	23	54	47.42	2.491
	24	54	47.42	5.800
	25	54	47.42	8.082
	26	54	47.42	12.000
	27	54	47.42	12.000
	28	54	47.42	10.645
	29	54	47.42	12.000
	30	58	47.46	13.310
	31	66	47.54	13.310
Sept.	1	67	47.55	12.000
	2	67	47.55	12.000
	3	67	47.55	10.645
	4	65	47.53	12.000
	5	65	47.53	13.310
	6	65	47.53	12.000
	7	63	47.51	12.000
	8	66	47.54	10.645
	9	67	47.55	12.000
	10	67	47.55	10.645
	11	66	47.54	12.000
	12	66	47.54	14.659
	13	66	47.54	16.053
	14	65	47.53	19.000
	15	65	47.53	20.666
	16	65	47.53	20.666
	17	65	47.53	24.115
	18	65	47.53	24.115
	19	65	47.53	25.862
	20	65	47.53	24.115
	21	65	47.53	25.862
	22	65	47.53	33.914
	23	64	47.52	33.914
	24	65	47.53	29.194
	25	68	47.56	30.771
	26	67	47.55	27.600
	27	66	47.54	25.862
	28	66	47.54	27.600
	29	66	47.54	32.341

TABLE D.4.97 STATION : CHEPINSKA - MARKO NIKOLOVO (CODE NO. 71420)

Year : 1990

"0" Gauge Level : 370.53 m

Mon.	Day	Stage (cm)	Wat. Lev. (ft. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	30	370.83	1.982
	2	40	370.93	1.840
	3	40	370.93	1.690
	4	40	370.93	1.690
	5	30	370.83	1.840
	6	39	370.92	1.875
	7	40	370.93	1.911
	8	39	370.92	1.946
	9	39	370.92	1.982
	10	39	370.92	1.690
	11	39	370.92	1.600
	12	39	370.92	1.840
	13	39	370.92	1.840
	14	40	370.93	1.840
	15	40	370.93	1.982
	16	40	370.93	1.982
	17	40	370.93	1.982
	18	41	370.94	1.982
	19	41	370.94	1.982
	20	40	370.93	1.982
	21	40	370.93	1.982
	22	38	370.91	1.840
	23	30	370.83	1.690
	24	38	370.91	1.690
	25	38	370.91	1.840
	26	38	370.91	1.840
	27	38	370.91	1.690
	28	39	370.92	1.840
	29	39	370.92	1.840
	30	39	370.92	1.982
	31	30	370.83	2.287
Feb.	1	43	370.96	2.287
	2	43	370.96	2.287
	3	42	370.95	2.287
	4	42	370.95	2.130
	5	42	370.95	1.982
	6	41	370.94	1.840
	7	40	370.93	1.982
	8	39	370.92	1.690
	9	36	370.89	1.450
	10	35	370.88	1.600
	11	36	370.89	1.600
	12	37	370.90	1.450
	13	37	370.90	1.600
	14	30	370.83	1.600
	15	40	370.93	1.450
	16	40	370.93	1.690
	17	40	370.93	1.600
	18	41	370.94	1.450
	19	40	370.93	1.450
	20	40	370.93	1.600
	21	40	370.93	1.690
	22	41	370.94	1.690
	23	41	370.94	1.690
	24	38	370.91	1.840
	25	39	370.92	1.840
	26	40	370.93	1.840
	27	39	370.92	1.840
	28	40	370.93	1.982
Mar.	1	30	370.83	1.840
	2	39	370.92	1.840
	3	30	370.83	1.600
	4	38	370.91	1.600
	5	39	370.92	1.450
	6	38	370.91	1.600
	7	38	370.91	1.690
	8	37	370.90	1.690
	9	30	370.83	1.690
	10	39	370.92	1.690
	11	30	370.83	1.690
	12	39	370.92	1.690
	13	40	370.93	1.982
	14	39	370.92	1.982
	15	46	370.99	1.982
	16	50	371.03	1.840
	17	48	371.01	1.690
	18	47	371.00	1.600
	19	46	370.99	1.474
	20	47	371.00	1.426
	21	53	371.06	1.510
	22	53	371.06	1.720
	23	54	371.07	1.610
	24	52	371.05	1.610
	25	52	371.05	1.610
	26	52	371.05	1.720
	27	53	371.06	1.720
	28	75	371.28	1.610
	29	69	371.22	1.610
	30	58	371.11	2.684
	31	57	371.10	2.530

Mon.	Day	Stage (cm)	Wat. Lev. (ft. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	48	371.01	2.230
	2	46	370.99	1.960
	3	46	370.99	2.091
	4	45	370.98	1.960
	5	45	370.98	1.960
	6	44	370.97	1.720
	7	47	371.00	1.720
	8	43	370.96	1.770
	9	47	371.00	1.720
	10	41	370.94	2.691
	11	40	370.93	3.983
	12	41	370.94	3.556
	13	41	370.94	3.180
	14	40	370.93	3.180
	15	41	370.94	2.842
	16	42	370.95	2.684
	17	47	371.00	2.842
	18	47	371.00	2.530
	19	47	371.00	2.684
	20	47	371.00	2.530
	21	48	371.01	2.530
	22	48	371.01	1.960
	23	48	371.01	2.230
	24	48	371.01	2.230
	25	47	371.00	2.230
	26	47	371.00	2.091
	27	47	371.00	3.983
	28	47	371.00	3.180
	29	48	371.01	3.180
	30	50	371.03	2.842
May	1	47	371.00	2.842
	2	43	370.96	2.684
	3	41	370.94	3.007
	4	43	370.96	2.842
	5	47	371.00	2.684
	6	46	370.99	3.007
	7	46	370.99	3.362
	8	47	371.00	3.180
	9	52	371.05	3.762
	10	71	371.24	3.180
	11	67	371.20	3.180
	12	61	371.14	2.842
	13	57	371.10	2.530
	14	56	371.09	2.530
	15	57	371.10	2.230
	16	58	371.11	1.836
	17	57	371.10	1.720
	18	55	371.08	1.836
	19	57	371.10	1.720
	20	58	371.11	1.720
	21	52	371.05	1.510
	22	50	371.03	1.275
	23	51	371.04	1.510
	24	51	371.04	1.426
	25	56	371.09	1.460
	26	52	371.05	1.610
	27	49	371.02	1.510
	28	48	371.01	3.007
	29	46	370.99	2.684
	30	47	371.00	3.180
	31	45	370.98	4.485
June	1	44	370.97	3.180
	2	47	371.00	3.180
	3	47	371.00	3.180
	4	47	371.00	2.842
	5	52	371.05	2.530
	6	45	370.98	1.960
	7	43	370.96	1.720
	8	47	371.00	1.720
	9	44	370.97	1.720
	10	47	371.00	1.720
	11	41	370.94	1.610
	12	42	370.95	1.610
	13	40	370.93	1.610
	14	39	370.92	1.720
	15	39	370.92	1.720
	16	30	370.83	2.530
	17	30	370.83	2.842
	18	38	370.91	2.530
	19	38	370.91	1.960
	20	38	370.91	1.720
	21	38	370.91	1.720
	22	37	370.90	1.720
	23	41	370.94	1.720
	24	36	370.89	1.720
	25	36	370.89	1.610
	26	34	370.87	1.610
	27	33	370.86	1.510
	28	34	370.87	1.510
	29	43	370.96	1.510
	30	50	371.03	1.510

Mon.	Day	Stage (cm)	Wat. Lev. (ft. m)	Disch. (m <sup>3</sup> /s)
July	1	43	370.96	1.510
	2	38	370.91	1.510
	3	37	370.90	1.510
	4	37	370.90	1.426
	5	37	370.90	1.350
	6	36	370.89	1.200
	7	41	370.94	1.200
	8	47	371.00	1.275
	9	46	370.99	1.426
	10	46	370.99	1.426
	11	46	370.99	1.350
	12	47	371.00	1.350
	13	46	370.99	2.530
	14	51	371.04	3.180
	15	41	370.94	3.007
	16	36	370.89	3.362
	17	35	370.88	3.556
	18	34	370.87	3.180
	19	33	370.86	3.180
	20	32	370.85	3.762
	21	37	370.90	3.007
	22	42	370.95	3.007
	23	49	371.02	3.180
	24	46	370.99	3.180
	25	45	370.98	3.180
	26	46	370.99	2.530
	27	44	370.97	2.842
	28	46	370.99	2.842
	29	44	370.97	2.230
	30	43	370.96	2.230
	31	43	370.96	1.960
Aug.	1	44	370.97	1.610
	2	44	370.97	1.836
	3	44	370.97	2.377
	4	44	370.97	2.230
	5	44	370.97	2.530
	6	43	370.96	2.377
	7	44	370.97	2.377
	8	44	370.97	1.836
	9	43	370.96	1.720
	10	46	370.99	3.556
	11	53	371.06	2.530
	12	43	370.96	1.960
	13	46	370.99	1.836
	14	44	370.97	1.720
	15	43	370.96	1.610
	16	43	370.96	1.610
	17	43	370.96	1.510
	18	44	370.97	1.124
	19	45	370.98	1.200
	20	44	370.97	1.124
	21	43	370.96	1.050
	22	44	370.97	1.124
	23	44	370.97	1.426
	24	41	370.94	1.510
	25	38	370.91	1.275
	26	38	370.91	1.426
	27	38	370.91	1.350
	28	39	370.92	1.200
	29	40	370.93	1.350
	30	47	371.00	1.350
	31	47	371.00	1.200
Sept.	1	47	371.00	1.124
	2	39	370.92	1.200
	3	39	370.92	1.200
	4	37	370.90	1.275
	5	39	370.92	1.275
	6	40	370.93	1.350
	7	40	370.93	1.426
	8	38	370.91	1.510
	9	37	370.90	1.426
	10	36	370.89	1.426
	11	35	370.88	1.426
	12	36	370.89	1.610
	13	36	370.89	1.610
	14	37	370.90	1.610
	15	37	370.90	1.610
	16	37	370.90	1.510
	17	37	370.90	1.720
	18	37	370.90	1.720
	19	36	370.89	1.720
	20	36	370.89	1.720
	21	36	370.89	1.720
	22	36	370.89	1.720
	23	36	370.89	1.720
	24	36	370.89	1.720
	25	35	370.88	1.720
	26	35	370.88	1.720
	27	35	370.88	1.720
	28	35	370.88	1.836
	29	3		



TABLE D.4.98 STATION : LUDA YANA - SBOR (CODE NO. 71550)

Year : 1990

"0" Gauge Level : 277.59 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	40	277.99	1.137
	2	41	278.00	1.034
	3	42	278.01	1.137
	4	42	278.01	1.034
	5	39	277.98	1.046
	6	38	277.97	1.058
	7	32	277.91	1.070
	8	23	277.82	1.083
	9	39	277.98	1.095
	10	41	278.00	1.107
	11	39	277.98	1.190
	12	39	277.98	1.131
	13	40	277.99	1.143
	14	45	278.04	1.156
	15	42	278.01	1.168
	16	45	278.04	1.180
	17	34	277.93	1.192
	18	41	278.00	1.204
	19	44	278.03	1.216
	20	43	278.02	1.229
	21	42	278.01	1.241
	22	42	278.01	1.241
	23	41	278.00	1.467
	24	43	278.02	1.467
	25	40	277.99	1.350
	26	39	277.98	1.241
	27	38	277.97	1.241
	28	39	277.98	1.241
	29	38	277.97	1.241
	30	40	277.99	1.241
	31	38	277.97	1.350
Feb.	1	43	278.02	1.350
	2	38	277.97	1.241
	3	38	277.97	1.137
	4	38	277.97	1.137
	5	37	277.96	1.137
	6	37	277.96	1.034
	7	36	277.95	1.034
	8	36	277.95	0.940
	9	36	277.95	0.800
	10	36	277.95	0.800
	11	35	277.94	0.870
	12	36	277.95	0.870
	13	35	277.94	1.034
	14	34	277.93	1.241
	15	35	277.94	1.034
	16	34	277.93	1.137
	17	32	277.91	1.137
	18	33	277.92	1.034
	19	32	277.91	0.940
	20	33	277.92	0.870
	21	30	277.89	0.870
	22	32	277.91	0.940
	23	35	277.94	0.940
	24	32	277.91	0.870
	25	33	277.92	0.870
	26	34	277.93	0.800
	27	33	277.92	0.870
	28	35	277.94	0.940
Mar.	1	38	277.97	0.940
	2	38	277.97	1.034
	3	39	277.98	1.137
	4	39	277.98	1.034
	5	38	277.97	1.034
	6	38	277.97	0.940
	7	37	277.96	0.870
	8	37	277.96	0.800
	9	37	277.96	0.800
	10	36	277.95	0.800
	11	37	277.96	0.800
	12	38	277.97	0.800
	13	39	277.98	0.800
	14	39	277.98	0.870
	15	40	277.99	0.800
	16	40	277.99	0.800
	17	40	277.99	0.800
	18	41	278.00	0.726
	19	43	278.02	0.660
	20	44	278.03	0.660
	21	43	278.02	0.660
	22	42	278.01	0.660
	23	42	278.01	0.660
	24	42	278.01	0.660
	25	41	278.00	0.726
	26	40	277.99	0.726
	27	42	278.01	0.870
	28	42	278.01	0.870
	29	43	278.02	1.241
	30	43	278.02	1.590
	31	43	278.02	2.150

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	43	278.02	2.291
	2	42	278.01	1.137
	3	42	278.01	0.870
	4	42	278.01	0.800
	5	41	278.00	0.660
	6	42	278.01	0.870
	7	40	277.99	0.940
	8	39	277.98	0.940
	9	39	277.98	0.870
	10	39	277.98	1.350
	11	39	277.98	1.850
	12	39	277.98	2.291
	13	41	278.00	2.150
	14	42	278.01	1.850
	15	40	277.99	1.590
	16	40	277.99	1.590
	17	58	278.17	1.467
	18	51	278.10	2.150
	19	50	278.09	2.291
	20	47	278.06	2.430
	21	45	278.04	2.572
	22	45	278.04	2.150
	23	41	278.00	1.716
	24	40	277.99	1.241
	25	41	278.00	1.137
	26	38	277.97	1.467
	27	37	277.96	1.467
	28	37	277.96	1.241
	29	38	277.97	1.350
	30	37	277.96	1.241
May	1	36	277.95	1.241
	2	38	277.97	1.350
	3	38	277.97	1.850
	4	38	277.97	1.590
	5	40	277.99	1.467
	6	39	277.98	1.590
	7	38	277.97	2.220
	8	38	277.97	3.131
	9	44	278.03	2.055
	10	43	278.02	2.550
	11	41	278.00	2.385
	12	39	277.98	2.055
	13	38	277.97	1.580
	14	39	277.98	1.304
	15	42	278.01	1.173
	16	44	278.03	1.050
	17	48	278.07	0.844
	18	53	278.12	0.600
	19	52	278.11	0.673
	20	51	278.10	0.942
	21	51	278.10	1.050
	22	53	278.12	0.942
	23	53	278.12	0.754
	24	49	278.08	0.844
	25	53	278.12	0.942
	26	49	278.08	0.844
	27	46	278.05	0.844
	28	44	278.03	1.173
	29	43	278.02	0.844
	30	45	278.04	2.055
	31	42	278.01	1.896
June	1	40	277.99	1.173
	2	38	277.97	1.050
	3	37	277.96	0.844
	4	38	277.97	0.754
	5	36	277.95	0.673
	6	36	277.95	0.535
	7	36	277.95	0.535
	8	36	277.95	0.535
	9	36	277.95	0.600
	10	35	277.94	0.600
	11	35	277.94	0.380
	12	34	277.93	0.400
	13	33	277.92	0.246
	14	33	277.92	0.222
	15	34	277.93	0.305
	16	35	277.94	0.426
	17	33	277.92	0.754
	18	33	277.92	0.535
	19	34	277.93	0.477
	20	36	277.95	0.436
	21	33	277.92	0.380
	22	32	277.91	0.305
	23	31	277.90	0.240
	24	31	277.90	0.240
	25	31	277.90	0.222
	26	31	277.90	0.163
	27	31	277.90	0.163
	28	31	277.90	0.147
	29	31	277.90	0.130
	30	31	277.90	0.060

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	30	277.89	0.098
	2	30	277.89	0.200
	3	31	277.90	0.147
	4	31	277.90	0.114
	5	28	277.87	0.114
	6	25	277.84	0.098
	7	25	277.84	0.098
	8	25	277.84	0.098
	9	26	277.85	0.033
	10	25	277.84	0.000
	11	27	277.86	0.000
	12	28	277.87	0.000
	13	27	277.86	0.000
	14	32	277.91	0.000
	15	33	277.92	0.000
	16	31	277.90	0.000
	17	30	277.89	0.000
	18	29	277.88	0.000
	19	26	277.85	0.000
	20	25	277.84	0.000
	21	23	277.82	0.000
	22	11	277.70	0.000
	23	26	277.85	0.000
	24	25	277.84	0.000
	25	24	277.83	0.000
	26	23	277.82	0.000
	27	18	277.77	0.000
	28	26	277.85	0.147
	29	24	277.83	0.273
	30	22	277.81	0.147
	31	22	277.81	0.114
Aug.	1	21	277.80	0.010
	2	15	277.74	0.000
	3	18	277.77	0.000
	4	8	277.67	0.000
	5	6	277.65	0.000
	6	6	277.65	0.000
	7	16	277.75	0.000
	8	20	277.79	0.000
	9	20	277.79	0.000
	10	27	277.86	0.000
	11	28	277.87	0.000
	12	28	277.87	0.000
	13	25	277.84	0.000
	14	23	277.82	0.000
	15	24	277.83	0.000
	16	24	277.83	0.000
	17	24	277.83	0.000
	18	20	277.79	0.000
	19	8	277.67	0.000
	20	6	277.65	0.000
	21	6	277.65	0.000
	22	6	277.65	0.000
	23	6	277.65	0.000
	24	6	277.65	0.000
	25	6	277.65	0.000
	26	6	277.65	0.000
	27	6	277.65	0.000
	28	6	277.65	0.000
	29	12	277.71	0.000
	30	27	277.86	0.000
	31	22	277.81	0.000
Sep.	1	22	277.81	0.000
	2	22	277.81	0.000
	3	21	277.80	0.000
	4	21	277.80	0.000
	5	24	277.83	0.000
	6	26	277.85	0.000
	7	24	277.83	0.000
	8	23	277.82	0.000
	9	22	277.81	0.000
	10	22	277.81	0.000
	11	22	277.81	0.026
	12	21	277.80	0.184
	13	24	277.83	0.208
	14	23	277.82	0.184
	15	24	277.83	0.124
	16	22	277.81	0.208
	17	21	277.80	0.282
	18	20	277.79	0.243
	19	21	277.80	0.184
	20	22	277.81	0.158
	21	23	277.82	0.090
	22	23	277.82	0.052
	23	23	277.82	0.000
	24	23	277.82	0.243
	25	23	277.82	0.250
	26	21	277.80	0.453
	27	22	277.81	0.395
	28	23	277.82	0.485
	29	22	277.81	

TABLE D.4.100 STATION : CHEPELARSKA - BACHKOVO (CODE NO. 72460)

Year : 1990

"0" Gauge Level : 353.71 m

Mon.	Day	Stage (cm)	Wat. Lev. (FL. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	41	354.12	3.469
	2	43	354.14	3.200
	3	41	354.12	2.929
	4	42	354.13	2.929
	5	47	354.18	2.476
	6	50	354.21	2.964
	7	54	354.25	2.981
	8	47	354.18	2.998
	9	44	354.15	3.016
	10	45	354.16	3.033
	11	45	354.16	3.050
	12	44	354.15	3.068
	13	42	354.13	3.085
	14	43	354.14	3.102
	15	42	354.13	3.120
	16	44	354.15	3.137
	17	43	354.14	3.154
	18	44	354.15	3.172
	19	42	354.13	3.189
	20	43	354.14	3.206
	21	42	354.13	3.224
	22	41	354.12	3.241
	23	42	354.13	2.985
	24	42	354.13	2.985
	25	43	354.14	2.734
	26	43	354.14	2.340
	27	43	354.14	2.734
	28	42	354.13	3.763
	29	39	354.10	4.030
	30	42	354.13	4.551
	31	43	354.14	5.948
Feb.	1	50	354.21	6.246
	2	42	354.13	5.948
	3	40	354.11	5.374
	4	39	354.10	4.561
	5	39	354.10	4.300
	6	38	354.09	4.030
	7	38	354.09	3.763
	8	38	354.09	3.241
	9	38	354.09	2.985
	10	39	354.10	3.241
	11	38	354.09	3.241
	12	40	354.11	2.985
	13	40	354.11	3.241
	14	39	354.10	3.500
	15	38	354.09	3.500
	16	39	354.10	4.561
	17	41	354.12	4.827
	18	42	354.13	4.300
	19	39	354.10	3.763
	20	41	354.12	3.500
	21	39	354.10	3.241
	22	37	354.08	3.241
	23	40	354.11	3.241
	24	37	354.08	3.241
	25	39	354.10	3.241
	26	39	354.10	3.500
	27	39	354.10	4.030
	28	40	354.11	4.561
Mar.	1	39	354.10	4.827
	2	40	354.11	4.561
	3	39	354.10	4.300
	4	42	354.13	4.030
	5	44	354.15	3.763
	6	43	354.14	3.763
	7	43	354.14	3.500
	8	43	354.14	3.500
	9	41	354.12	3.500
	10	43	354.14	4.030
	11	43	354.14	4.827
	12	45	354.16	4.827
	13	47	354.18	5.657
	14	49	354.20	6.554
	15	52	354.23	5.948
	16	53	354.24	5.098
	17	53	354.24	4.300
	18	51	354.22	4.030
	19	53	354.24	3.763
	20	67	354.38	3.763
	21	66	354.37	4.030
	22	68	354.39	4.030
	23	73	354.44	4.300
	24	74	354.45	4.300
	25	75	354.46	4.827
	26	76	354.47	5.098
	27	77	354.48	5.098
	28	144	355.15	4.827
	29	109	354.80	4.561
	30	87	354.58	5.827
	31	78	354.49	4.827

Mon.	Day	Stage (cm)	Wat. Lev. (FL. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	72	354.43	4.561
	2	68	354.39	4.300
	3	67	354.38	4.030
	4	67	354.38	3.763
	5	67	354.38	3.500
	6	66	354.37	3.763
	7	65	354.36	3.763
	8	63	354.34	3.500
	9	61	354.32	3.500
	10	60	354.31	3.763
	11	60	354.31	5.948
	12	59	354.30	5.374
	13	61	354.32	5.098
	14	62	354.33	4.827
	15	64	354.35	4.561
	16	67	354.38	4.300
	17	88	354.59	4.561
	18	93	354.64	5.657
	19	88	354.59	5.657
	20	83	354.54	5.374
	21	80	354.51	5.374
	22	77	354.48	4.827
	23	73	354.44	4.300
	24	70	354.41	4.030
	25	67	354.38	3.763
	26	64	354.35	4.030
	27	62	354.33	5.098
	28	61	354.32	4.561
	29	60	354.31	4.300
	30	59	354.30	4.300
May	1	60	354.31	4.300
	2	59	354.30	4.561
	3	57	354.28	6.872
	4	60	354.31	7.200
	5	74	354.45	7.200
	6	71	354.42	6.872
	7	68	354.39	10.800
	8	67	354.38	12.620
	9	130	355.01	14.083
	10	166	355.37	23.826
	11	150	355.21	15.116
	12	119	354.90	11.250
	13	104	354.75	9.097
	14	95	354.66	7.926
	15	92	354.63	7.200
	16	93	354.64	6.246
	17	89	354.60	5.657
	18	86	354.57	5.098
	19	85	354.56	5.098
	20	87	354.58	6.554
	21	81	354.52	5.374
	22	79	354.50	4.827
	23	77	354.48	4.827
	24	82	354.53	4.300
	25	104	354.75	4.030
	26	100	354.71	3.763
	27	92	354.63	3.763
	28	85	354.56	5.374
	29	81	354.52	4.561
	30	79	354.50	4.561
	31	77	354.48	6.200
June	1	90	354.61	18.594
	2	82	354.53	13.584
	3	81	354.52	8.800
	4	93	354.64	9.508
	5	83	354.54	7.557
	6	78	354.49	6.872
	7	74	354.45	6.246
	8	71	354.42	5.657
	9	68	354.39	5.098
	10	65	354.36	4.561
	11	63	354.34	4.300
	12	62	354.33	3.763
	13	60	354.31	3.763
	14	62	354.33	4.300
	15	59	354.30	4.030
	16	58	354.29	4.561
	17	57	354.28	6.554
	18	56	354.27	5.374
	19	56	354.27	4.827
	20	54	354.25	4.030
	21	53	354.24	3.763
	22	52	354.23	4.030
	23	52	354.23	5.948
	24	51	354.22	4.300
	25	49	354.20	3.763
	26	48	354.19	3.500
	27	48	354.19	2.985
	28	48	354.19	2.985
	29	47	354.18	2.734
	30	47	354.18	2.485

Mon.	Day	Stage (cm)	Wat. Lev. (FL. m)	Disch. (m <sup>3</sup> /s)
July	1	46	354.17	2.485
	2	46	354.17	2.241
	3	46	354.17	2.241
	4	46	354.17	2.485
	5	46	354.17	2.485
	6	45	354.16	2.241
	7	46	354.17	2.000
	8	48	354.19	2.000
	9	47	354.18	2.241
	10	46	354.17	2.241
	11	46	354.17	2.241
	12	45	354.16	2.241
	13	44	354.15	2.485
	14	47	354.18	2.000
	15	48	354.19	2.000
	16	46	354.17	2.000
	17	46	354.17	2.000
	18	44	354.15	2.000
	19	44	354.15	1.763
	20	43	354.14	1.763
	21	42	354.13	1.763
	22	41	354.12	1.763
	23	40	354.11	1.763
	24	41	354.12	1.763
	25	42	354.13	1.763
	26	42	354.13	1.763
	27	41	354.12	2.764
	28	42	354.13	4.300
	29	43	354.14	2.485
	30	42	354.13	2.241
	31	42	354.13	2.000
Aug.	1	41	354.12	1.763
	2	40	354.11	1.763
	3	40	354.11	2.000
	4	40	354.11	1.763
	5	38	354.09	1.763
	6	38	354.09	1.763
	7	38	354.09	1.763
	8	38	354.09	1.763
	9	38	354.09	1.763
	10	39	354.10	1.763
	11	46	354.17	2.000
	12	41	354.12	2.000
	13	39	354.10	1.763
	14	38	354.09	1.763
	15	38	354.09	1.763
	16	38	354.09	1.763
	17	38	354.09	1.530
	18	36	354.07	1.530
	19	37	354.08	1.530
	20	37	354.08	1.530
	21	37	354.08	1.530
	22	37	354.08	1.530
	23	37	354.08	4.030
	24	38	354.09	3.241
	25	36	354.07	2.241
	26	36	354.07	2.000
	27	36	354.07	2.000
	28	37	354.08	1.763
	29	38	354.09	1.763
	30	54	354.25	1.763
	31	54	354.25	1.763
Sep.	1	46	354.17	1.763
	2	43	354.14	1.530
	3	42	354.13	1.530
	4	41	354.12	1.763
	5	42	354.13	2.000
	6	42	354.13	2.000
	7	41	354.12	1.763
	8	40	354.11	1.763
	9	40	354.11	1.763
	10	40	354.11	1.530
	11	39	354.10	1.530
	12	41	354.12	1.763
	13	40	354.11	2.241
	14	39	354.10	2.000
	15	39	354.10	1.763
	16	39	354.10	1.763
	17	39	354.10	1.763
	18	38	354.09	1.763
	19	38	354.09	1.763
	20	38	354.09	1.763
	21	39	354.10	1.763
	22	39	354.10	1.763
	23	39	354.10	1.763
	24	37	354.08	1.763
	25	36	354.07	1.763
	26	36	354.07	1.763
	27	38	354.09	1.763
	28	38	354.09	1.763

TABLE D.4.101 STATION : STRYAMA LEFT & RIGHT - BANIA (CODE NO. 72520)

Year : 1990

"0" Gauge Level : 268.42 m

Mon.	Day	Stage (cm)	Wat. Lev. (fl. m)	Disch. (m <sup>3</sup> /s)
Jan.	1			2.852
	2	68	269.10	2.852
	3	68	269.10	2.852
	4	66	269.08	2.852
	5	66	269.08	2.852
	6	66	269.08	2.970
	7	66	269.08	2.970
	8	66	269.08	3.220
	9	66	269.08	2.617
	10	68	269.10	2.734
	11	67	269.09	2.734
	12	67	269.09	2.734
	13	67	269.09	2.617
	14	68	269.10	2.734
	15	68	269.10	2.734
	16	68	269.10	2.734
	17	68	269.10	2.970
	18	68	269.10	2.970
	19	68	269.10	2.734
	20	69	269.11	2.852
	21	69	269.11	2.852
	22	69	269.11	2.852
	23	69	269.11	2.852
	24	69	269.11	2.852
	25	68	269.10	2.852
	26	68	269.10	2.734
	27	68	269.10	2.852
	28	68	269.10	2.852
	29	68	269.10	2.852
	30	68	269.10	2.970
	31	68	269.10	2.970
Feb.	1	68	269.10	3.220
	2	67	269.09	3.092
	3	66	269.08	3.092
	4	66	269.08	3.092
	5	66	269.08	3.092
	6	67	269.09	3.092
	7	67	269.09	3.092
	8	66	269.08	2.970
	9	66	269.08	2.970
	10	66	269.08	2.970
	11	66	269.08	2.970
	12	66	269.08	2.970
	13	66	269.08	2.970
	14	66	269.08	2.970
	15	67	269.09	2.970
	16	67	269.09	2.970
	17	67	269.09	2.852
	18	68	269.10	2.852
	19	68	269.10	2.852
	20	68	269.10	2.734
	21	68	269.10	2.734
	22	68	269.10	2.734
	23	68	269.10	2.734
	24	68	269.10	2.852
	25	67	269.09	2.852
	26	67	269.09	2.852
	27	67	269.09	2.852
	28	66	269.08	2.852
Mar.	1	66	269.08	2.617
	2	66	269.08	2.617
	3	66	269.08	2.617
	4	66	269.08	2.617
	5	66	269.08	2.617
	6	65	269.07	2.500
	7	65	269.07	2.500
	8	66	269.08	2.500
	9	66	269.08	2.270
	10	66	269.08	2.270
	11	66	269.08	2.270
	12	66	269.08	2.270
	13	66	269.08	2.040
	14	66	269.08	1.932
	15	67	269.09	1.590
	16	68	269.10	1.380
	17	72	269.14	1.380
	18	76	269.18	1.380
	19	76	269.18	1.485
	20	78	269.20	1.485
	21	81	269.23	1.270
	22	85	269.27	1.170
	23	86	269.28	1.170
	24	85	269.27	1.170
	25	85	269.27	1.170
	26	85	269.27	1.074
	27	85	269.27	1.074
	28	85	269.27	1.074
	29	85	269.27	1.170
	30	85	269.27	0.910
	31	85	269.27	3.836

Mon.	Day	Stage (cm)	Wat. Lev. (fl. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	85	269.27	3.417
	2	84	269.26	3.003
	3	84	269.26	3.003
	4	83	269.25	2.756
	5	83	269.25	2.756
	6	82	269.24	2.641
	7	80	269.22	2.641
	8	80	269.22	2.641
	9	81	269.23	2.641
	10	81	269.23	2.276
	11	80	269.22	2.060
	12	80	269.22	2.256
	13	80	269.22	2.256
	14	80	269.22	5.060
	15	80	269.22	4.720
	16	80	269.22	4.562
	17	86	269.28	4.720
	18	87	269.29	5.462
	19	86	269.28	5.462
	20	85	269.27	5.902
	21	85	269.27	6.371
	22	85	269.27	6.865
	23	85	269.27	6.371
	24	84	269.26	5.902
	25	84	269.26	5.256
	26	84	269.26	5.462
	27	84	269.26	5.462
	28	83	269.25	5.256
	29	83	269.25	5.060
	30	83	269.25	4.885
May	1	84	269.26	5.462
	2	85	269.27	9.863
	3	85	269.27	17.141
	4	85	269.27	14.697
	5	85	269.27	12.197
	6	92	269.34	12.197
	7	94	269.36	11.501
	8	88	269.30	11.159
	9	88	269.30	10.825
	10	96	269.38	11.501
	11	104	269.46	10.491
	12	99	269.41	9.275
	13	95	269.37	7.900
	14	92	269.34	7.120
	15	90	269.32	5.902
	16	90	269.32	5.462
	17	90	269.32	4.412
	18	90	269.32	3.836
	19	90	269.32	3.133
	20	90	269.32	3.276
	21	96	269.38	3.276
	22	100	269.42	3.276
	23	100	269.42	3.276
	24	98	269.40	3.276
	25	97	269.39	3.276
	26	97	269.39	3.133
	27	94	269.36	3.276
	28	90	269.32	4.720
	29	86	269.28	4.412
	30	84	269.26	17.473
	31	82	269.24	14.668
June	1	87	269.29	11.499
	2	83	269.25	9.779
	3	80	269.22	8.141
	4	84	269.26	7.526
	5	80	269.22	7.526
	6	77	269.19	5.894
	7	76	269.18	4.254
	8	74	269.16	3.676
	9	72	269.14	3.071
	10	70	269.12	2.732
	11	68	269.10	2.570
	12	66	269.08	2.120
	13	65	269.07	1.930
	14	63	269.05	1.930
	15	62	269.04	2.120
	16	60	269.02	2.120
	17	60	269.02	2.625
	18	60	269.02	2.842
	19	59	269.01	2.417
	20	59	269.01	2.316
	21	59	269.01	2.120
	22	59	269.01	2.120
	23	58	269.00	1.930
	24	58	269.00	1.740
	25	58	269.00	1.465
	26	58	269.00	1.212
	27	58	269.00	1.212
	28	57	268.99	1.040
	29	55	268.97	1.040
	30	52	268.94	1.040

Mon.	Day	Stage (cm)	Wat. Lev. (fl. m)	Disch. (m <sup>3</sup> /s)
July	1	54	268.96	1.040
	2	54	268.96	1.040
	3	54	268.96	0.962
	4	54	268.96	0.890
	5	54	268.96	0.890
	6	54	268.96	0.890
	7	56	268.98	0.890
	8	56	268.98	0.962
	9	54	268.96	1.125
	10	55	268.97	1.040
	11	56	268.98	0.962
	12	56	268.98	0.962
	13	56	268.98	1.040
	14	56	268.98	1.125
	15	56	268.98	1.125
	16	56	268.98	1.040
	17	55	268.97	1.040
	18	54	268.96	0.962
	19	54	268.96	0.890
	20	54	268.96	1.040
	21	54	268.96	1.040
	22	54	268.96	1.040
	23	54	268.96	0.890
	24	54	268.96	0.890
	25	54	268.96	0.890
	26	54	268.96	0.962
	27	54	268.96	1.040
	28	54	268.96	1.125
	29	54	268.96	1.125
	30	54	268.96	1.212
	31	54	268.96	1.212
Aug.	1	54	268.96	0.824
	2	54	268.96	0.765
	3	54	268.96	0.765
	4	54	268.96	0.765
	5	54	268.96	0.765
	6	54	268.96	0.765
	7	54	268.96	0.765
	8	54	268.96	0.765
	9	54	268.96	0.765
	10	58	269.00	1.040
	11	57	268.99	1.040
	12	57	268.99	0.962
	13	56	268.98	0.890
	14	55	268.97	0.890
	15	55	268.97	0.824
	16	54	268.96	0.824
	17	54	268.96	0.824
	18	54	268.96	0.824
	19	54	268.96	0.824
	20	54	268.96	0.890
	21	54	268.96	0.890
	22	54	268.96	0.824
	23	56	268.98	0.824
	24	55	268.97	0.824
	25	55	268.97	0.824
	26	55	268.97	0.824
	27	55	268.97	0.890
	28	55	268.97	0.890
	29	55	268.97	0.890
	30	56	268.98	0.890
	31	56	268.98	0.962
Sep.	1	55	268.97	0.962
	2	55	268.97	0.962
	3	55	268.97	0.962
	4	55	268.97	1.040
	5	55	268.97	0.962
	6	56	268.98	0.962
	7	56	268.98	1.040
	8	56	268.98	1.040
	9	56	268.98	0.962
	10	56	268.98	1.040
	11	56	268.98	1.125
	12	56	268.98	1.040
	13	56	268.98	1.040
	14	56	268.98	1.040
	15	56	268.98	1.040
	16	56	268.98	1.040
	17	56	268.98	1.040
	18	56	268.98	1.040
	19	56	268.98	1.040
	20	56	268.98	1.040
	21	56	268.98	1.040
	22	56	268.98	1.040
	23	56	268.98	1.040
	24	56	268.98	1.040
	25	56	268.98	1.040
	26	56	268.98	1.040
	27	55	268.97	1.040
	28	55	268.97	1.212
	29			

TABLE D.4.102 STATION : SAZLIYKA -GALABOVO (CODE NO. 73480)

Year : 1990

"0" Gauge Level : 81.85 m

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	84	82.69	17.574
	2	86	82.71	13.600
	3	86	82.71	10.800
	4	87	82.72	9.638
	5	86	82.71	9.830
	6	84	82.69	9.068
	7	84	82.69	9.068
	8	86	82.71	8.692
	9	87	82.72	8.135
	10	85	82.70	7.770
	11	82	82.67	7.590
	12	84	82.69	7.770
	13	84	82.69	7.590
	14	84	82.69	7.060
	15	82	82.67	7.412
	16	84	82.69	6.889
	17	84	82.69	7.235
	18	83	82.68	7.060
	19	85	82.70	6.889
	20	83	82.68	7.590
	21	84	82.69	7.235
	22	82	82.67	6.720
	23	81	82.66	5.901
	24	80	82.65	6.601
	25	81	82.66	6.601
	26	84	82.69	5.430
	27	81	82.66	6.552
	28	80	82.65	6.387
	29	85	82.70	5.901
	30	84	82.69	7.552
	31	85	82.70	8.135
Feb.	1	85	82.70	8.692
	2	84	82.69	7.952
	3	84	82.69	7.770
	4	88	82.73	8.068
	5	86	82.71	8.257
	6	84	82.69	7.952
	7	88	82.73	7.590
	8	86	82.71	7.590
	9	86	82.71	7.060
	10	87	82.72	7.235
	11	86	82.71	6.387
	12	85	82.70	6.720
	13	90	82.75	6.552
	14	94	82.79	6.387
	15	88	82.73	6.061
	16	87	82.72	6.387
	17	90	82.75	6.061
	18	90	82.75	6.889
	19	91	82.76	7.590
	20	90	82.75	6.223
	21	90	82.75	5.742
	22	92	82.77	5.742
	23	100	82.85	5.430
	24	98	82.83	5.120
	25	96	82.81	4.818
	26	91	82.76	5.430
	27	90	82.75	6.720
	28	88	82.73	7.770
Mar.	1	88	82.73	8.319
	2	92	82.77	7.235
	3	90	82.75	6.889
	4	94	82.79	6.387
	5	91	82.76	5.430
	6	92	82.77	6.223
	7	96	82.81	5.585
	8	98	82.83	4.818
	9	97	82.82	4.968
	10	98	82.83	4.818
	11	94	82.79	4.818
	12	94	82.79	4.523
	13	88	82.73	4.818
	14	91	82.76	4.818
	15	90	82.75	4.523
	16	92	82.77	5.120
	17	90	82.75	4.818
	18	90	82.75	4.818
	19	91	82.76	4.818
	20	90	82.75	4.523
	21	93	82.78	4.818
	22	90	82.75	4.523
	23	88	82.73	4.669
	24	92	82.77	4.818
	25	90	82.75	4.669
	26	86	82.71	4.818
	27	87	82.72	9.257
	28	85	82.70	8.319
	29	84	82.69	7.235
	30	82	82.67	4.237
	31	88	82.73	4.697

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	89	82.74	4.379
	2	87	82.72	3.313
	3	86	82.71	2.544
	4	88	82.73	2.450
	5	86	82.71	2.640
	6	87	82.72	2.185
	7	87	82.72	2.185
	8	85	82.70	2.450
	9	88	82.73	2.544
	10	86	82.71	2.640
	11	85	82.70	5.901
	12	85	82.70	4.818
	13	92	82.77	4.523
	14	95	82.80	4.237
	15	91	82.82	2.544
	16	97	82.82	2.740
	17	137	83.22	3.074
	18	136	83.21	3.313
	19	129	83.14	2.848
	20	112	82.97	2.960
	21	97	82.82	3.074
	22	96	82.81	3.825
	23	89	82.74	4.237
	24	88	82.73	3.074
	25	87	82.72	2.960
	26	87	82.72	3.437
	27	84	82.69	4.097
	28	86	82.71	3.825
	29	84	82.69	4.097
	30	85	82.70	4.818
May	1	85	82.70	5.430
	2	84	82.69	3.437
	3	91	82.76	4.097
	4	82	82.67	3.960
	5	86	82.71	3.564
	6	96	82.81	3.192
	7	95	82.80	3.192
	8	96	82.81	3.825
	9	97	82.82	4.818
	10	97	82.82	3.313
	11	90	82.75	2.740
	12	80	82.65	2.544
	13	79	82.64	2.359
	14	76	82.61	2.640
	15	95	82.80	2.960
	16	98	82.83	2.960
	17	92	82.77	2.960
	18	94	82.79	2.544
	19	89	82.74	2.359
	20	95	82.80	3.960
	21	91	82.76	4.968
	22	89	82.74	4.818
	23	125	83.10	4.523
	24	133	83.18	4.379
	25	115	83.00	3.564
	26	99	82.84	3.192
	27	96	82.81	2.960
	28	96	82.81	2.960
	29	94	82.79	4.669
	30	108	82.93	6.889
	31	100	82.85	7.952
June	1	93	82.78	6.061
	2	101	82.86	4.968
	3	101	82.86	4.523
	4	94	82.79	4.669
	5	96	82.81	5.742
	6	96	82.81	4.237
	7	93	82.78	3.825
	8	90	82.75	3.437
	9	94	82.79	2.960
	10	94	82.79	3.074
	11	92	82.77	3.192
	12	90	82.75	2.740
	13	88	82.73	2.960
	14	87	82.72	4.379
	15	88	82.73	5.214
	16	87	82.72	5.120
	17	90	82.75	2.960
	18	89	82.74	4.097
	19	91	82.76	3.960
	20	89	82.74	4.237
	21	86	82.71	3.693
	22	84	82.69	3.437
	23	83	82.68	3.437
	24	84	82.69	2.848
	25	86	82.71	3.192
	26	82	82.67	3.960
	27	80	82.65	3.564
	28	78	82.63	3.192
	29	80	82.65	2.848
	30	77	82.62	2.544

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
July	1	80	82.65	2.544
	2	81	82.66	1.939
	3	80	82.65	1.774
	4	80	82.65	1.480
	5	76	82.61	1.409
	6	78	82.63	1.552
	7	79	82.64	1.409
	8	83	82.68	2.740
	9	86	82.71	3.960
	10	91	82.76	2.960
	11	88	82.73	2.012
	12	84	82.69	1.702
	13	85	82.70	1.702
	14	87	82.72	1.702
	15	87	82.72	1.702
	16	85	82.70	1.702
	17	88	82.73	1.480
	18	86	82.71	1.409
	19	86	82.71	1.552
	20	89	82.74	1.480
	21	82	82.67	1.409
	22	78	82.63	1.409
	23	80	82.65	1.150
	24	84	82.69	1.939
	25	92	82.77	1.552
	26	86	82.71	2.544
	27	84	82.69	3.437
	28	84	82.69	2.848
	29	81	82.66	2.544
	30	79	82.64	2.450
	31	78	82.63	2.544
Aug.	1	78	82.63	2.740
	2	75	82.60	2.359
	3	74	82.59	2.359
	4	80	82.65	2.271
	5	84	82.69	2.185
	6	82	82.67	2.848
	7	85	82.70	2.544
	8	84	82.69	2.359
	9	82	82.67	1.939
	10	86	82.71	1.939
	11	87	82.72	2.185
	12	83	82.68	2.544
	13	84	82.69	2.848
	14	84	82.69	2.960
	15	90	82.75	2.450
	16	87	82.72	2.450
	17	85	82.70	2.359
	18	81	82.66	2.185
	19	87	82.72	2.185
	20	84	82.69	2.101
	21	85	82.70	2.359
	22	56	82.41	2.359
	23	83	82.68	2.740
	24	86	82.71	2.848
	25	84	82.69	2.640
	26	80	82.65	2.544
	27	82	82.67	2.544
	28	82	82.67	2.359
	29	86	82.71	2.450
	30	99	82.84	2.848
	31	98	82.83	2.740
Sep.	1	96	82.81	2.544
	2	91	82.76	2.271
	3	89	82.74	2.740
	4	88	82.73	3.192
	5	88	82.73	2.960
	6	89	82.74	2.960
	7	86	82.71	3.074
	8	86	82.71	2.740
	9	86	82.71	2.740
	10	82	82.67	3.825
	11	85	82.70	3.564
	12	83	82.68	4.669
	13	87	82.72	6.552
	14	86	82.71	5.120
	15	86	82.71	3.693
	16	88	82.73	3.437
	17	86	82.71	4.669
	18	86	82.71	4.669
	19	86	82.71	4.379
	20	84	82.69	4.097
	21	84	82.69	3.437
	22	84	82.69	2.848
	23	86	82.71	2.640
	24	84	82.69	3.192
	25	86	82.71	3.564
	26	83	82.68	4.097
	27	84	82.69	3.825
	28	82	82.67	4.968
	29	86	82.71	4.523
	30	84	82.69	4.237

Mon.	Day	Stage (cm)	Wat. Lev. (El. m)	Disch. (m <sup>3</sup> /s)
Oct.	1	86	82.71	4.237
	2	87	82.7	

TABLE D.4.103

STATION : HARMANLIYSKA - HARMANLI (CODE NO. 73550)

Year : 1990

"0" Gauge Level : 67.95 m

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Jan.	1	62	68.57	2.675
	2	64	68.59	4.280
	3	66	68.61	3.984
	4	70	68.65	3.693
	5	66	68.61	3.693
	6	64	68.59	3.838
	7	61	68.56	3.406
	8	61	68.56	3.123
	9	64	68.59	2.719
	10	60	68.55	2.592
	11	62	68.57	2.347
	12	59	68.54	2.119
	13	61	68.56	2.119
	14	59	68.54	2.011
	15	59	68.54	1.095
	16	60	68.55	2.347
	17	60	68.55	2.011
	18	60	68.55	2.592
	19	60	68.55	4.738
	20	61	68.56	5.209
	21	60	68.55	5.209
	22	61	68.56	3.984
	23	58	68.53	3.838
	24	58	68.53	5.520
	25	60	68.55	5.528
	26	61	68.56	5.209
	27	64	68.59	4.893
	28	59	68.54	4.431
	29	58	68.53	5.209
	30	61	68.56	4.584
	31	62	68.57	3.984
Feb.	1	63	68.58	3.984
	2	64	68.59	4.131
	3	62	68.57	4.131
	4	64	68.59	3.106
	5	62	68.57	3.264
	6	62	68.57	3.123
	7	63	68.58	3.123
	8	63	68.58	3.406
	9	64	68.59	3.264
	10	65	68.60	3.550
	11	66	68.61	2.985
	12	63	68.58	2.850
	13	63	68.58	2.347
	14	63	68.58	2.347
	15	62	68.57	2.119
	16	62	68.57	2.119
	17	64	68.59	2.119
	18	62	68.57	2.347
	19	64	68.59	2.119
	20	64	68.59	2.119
	21	62	68.57	2.011
	22	64	68.59	2.119
	23	66	68.61	2.011
	24	64	68.59	2.119
	25	65	68.60	2.119
	26	70	68.65	2.119
	27	71	68.66	1.905
	28	68	68.63	1.905
Mar.	1	66	68.61	2.592
	2	67	68.62	2.468
	3	64	68.59	2.347
	4	63	68.58	2.347
	5	62	68.57	2.230
	6	62	68.57	2.011
	7	62	68.57	2.119
	8	64	68.59	2.119
	9	63	68.58	1.905
	10	64	68.59	2.119
	11	63	68.58	1.905
	12	68	68.63	1.905
	13	72	68.67	1.905
	14	66	68.61	1.905
	15	66	68.61	1.905
	16	65	68.60	1.700
	17	69	68.64	2.011
	18	62	68.57	1.700
	19	61	68.56	1.905
	20	60	68.55	1.905
	21	62	68.57	1.905
	22	61	68.56	1.905
	23	62	68.57	1.905
	24	64	68.59	1.700
	25	65	68.60	1.700
	26	65	68.60	1.905
	27	65	68.60	1.905
	28	65	68.60	1.905
	29	73	68.68	1.905
	30	67	68.62	1.905
	31	66	68.61	1.905

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Apr.	1	73	68.68	2.119
	2	69	68.64	1.905
	3	68	68.63	1.905
	4	66	68.61	1.905
	5	64	68.59	2.011
	6	64	68.59	2.011
	7	64	68.59	1.905
	8	62	68.57	1.802
	9	63	68.58	1.700
	10	64	68.59	1.905
	11	66	68.61	1.905
	12	64	68.59	3.984
	13	68	68.63	3.693
	14	65	68.60	3.693
	15	64	68.59	3.693
	16	65	68.60	3.406
	17	72	68.67	3.123
	18	88	68.83	3.123
	19	84	68.79	3.123
	20	79	68.74	2.850
	21	67	68.62	2.119
	22	66	68.61	2.011
	23	64	68.59	1.905
	24	64	68.59	2.011
	25	64	68.59	1.700
	26	63	68.58	1.700
	27	64	68.59	1.905
	28	64	68.59	2.119
	29	62	68.57	1.595
	30	64	68.59	1.492
May	1	64	68.59	1.492
	2	64	68.59	1.905
	3	64	68.59	1.905
	4	68	68.63	1.905
	5	64	68.59	1.802
	6	66	68.61	2.468
	7	69	68.64	1.700
	8	71	68.66	1.802
	9	78	68.73	2.011
	10	105	69.00	2.347
	11	200	69.95	2.119
	12	110	69.05	1.700
	13	103	68.98	1.595
	14	91	68.86	1.492
	15	88	68.83	1.700
	16	83	68.78	1.700
	17	79	68.74	1.700
	18	72	68.67	1.492
	19	71	68.66	1.392
	20	68	68.63	1.905
	21	90	68.85	1.905
	22	84	68.79	1.492
	23	83	68.78	1.392
	24	84	68.79	1.700
	25	82	68.77	1.294
	26	94	68.89	1.294
	27	88	68.83	1.294
	28	83	68.78	1.700
	29	78	68.73	1.700
	30	79	68.74	1.595
	31	72	68.67	2.347
Jun.	1	69	68.64	2.230
	2	65	68.60	2.347
	3	72	68.67	2.011
	4	72	68.67	1.595
	5	66	68.61	1.492
	6	65	68.60	1.492
	7	65	68.60	1.294
	8	67	68.62	1.294
	9	70	68.65	1.294
	10	74	68.69	1.111
	11	69	68.64	1.111
	12	71	68.66	1.026
	13	68	68.63	1.111
	14	68	68.63	1.700
	15	66	68.61	2.347
	16	65	68.60	1.492
	17	64	68.59	1.294
	18	64	68.59	1.294
	19	64	68.59	1.111
	20	64	68.59	1.294
	21	64	68.59	1.111
	22	64	68.59	1.111
	23	64	68.59	1.026
	24	63	68.58	0.800
	25	67	68.57	0.800
	26	61	68.56	1.026
	27	62	68.57	0.800
	28	63	68.58	0.800
	29	62	68.57	0.737
	30	61	68.56	0.679

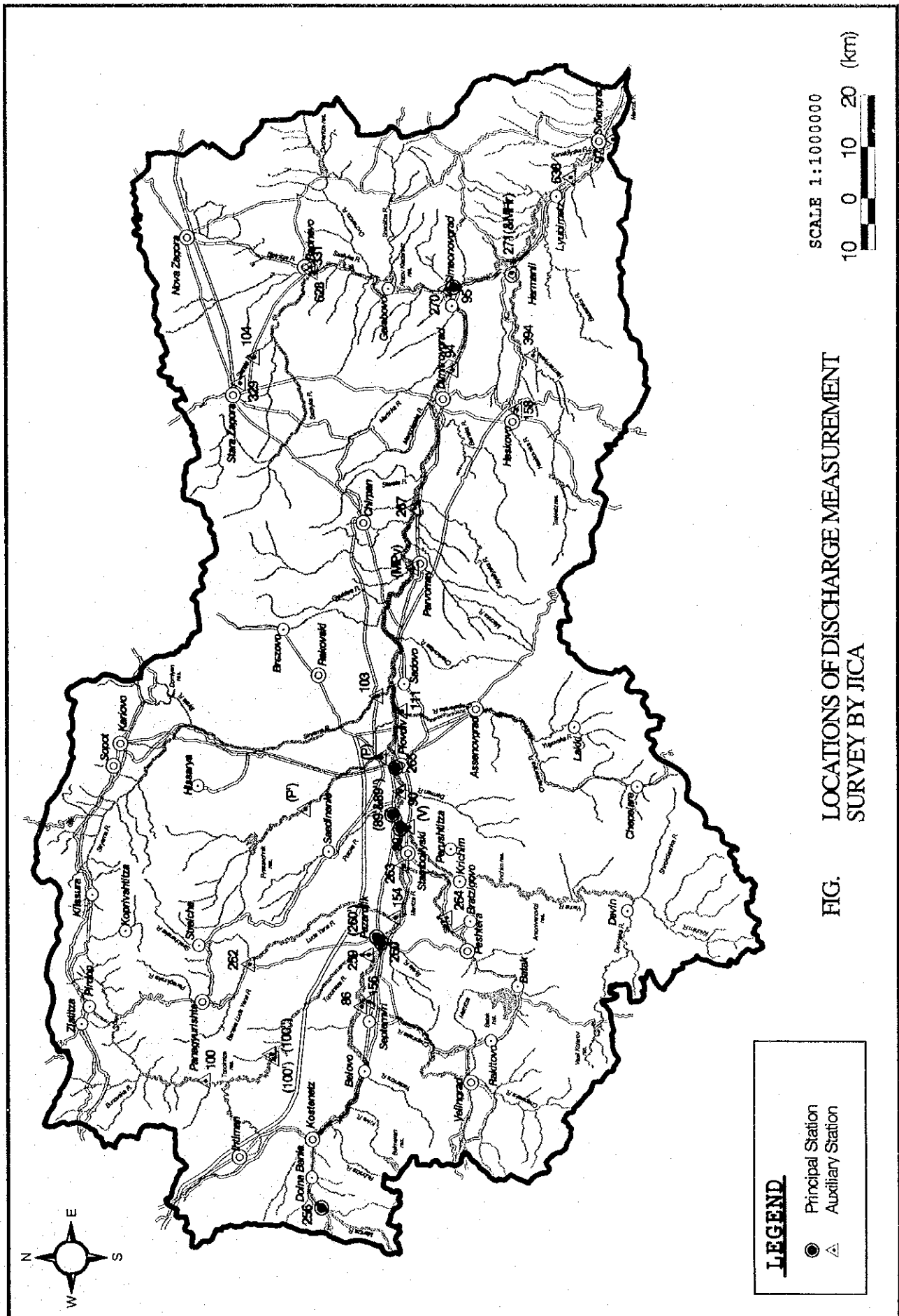
Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
July	1	64	68.59	0.576
	2	64	68.59	0.350
	3	64	68.59	0.414
	4	61	68.56	0.414
	5	58	68.53	0.625
	6	61	68.56	0.576
	7	60	68.55	0.679
	8	61	68.56	0.576
	9	58	68.53	0.625
	10	56	68.51	1.392
	11	55	68.50	0.576
	12	55	68.50	0.625
	13	60	68.55	0.576
	14	60	68.55	0.625
	15	60	68.55	1.026
	16	62	68.57	0.946
	17	60	68.55	0.800
	18	64	68.59	0.800
	19	60	68.55	0.737
	20	56	68.51	0.679
	21	55	68.50	0.679
	22	56	68.51	0.576
	23	56	68.51	0.489
	24	59	68.54	0.488
	25	62	68.57	0.488
	26	58	68.53	0.488
	27	59	68.54	0.800
	28	58	68.53	0.679
	29	58	68.53	0.576
	30	58	68.53	0.530
	31	56	68.51	0.576
Aug.	1	66	68.61	0.800
	2	78	68.73	0.576
	3	57	68.52	0.530
	4	62	68.57	0.536
	5	60	68.55	0.576
	6	58	68.53	0.946
	7	56	68.51	0.800
	8	58	68.53	0.871
	9	58	68.53	1.111
	10	58	68.53	1.111
	11	58	68.53	0.946
	12	60	68.55	1.111
	13	60	68.55	0.946
	14	59	68.54	1.111
	15	59	68.54	0.946
	16	59	68.54	1.026
	17	60	68.55	0.946
	18	59	68.54	0.800
	19	60	68.55	0.679
	20	62	68.57	0.737
	21	62	68.57	0.679
	22	61	68.56	0.946
	23	60	68.55	1.111
	24	64	68.59	1.392
	25	68	68.63	1.200
	26	72	68.67	1.294
	27	72	68.67	1.200
	28	71	68.66	1.294
	29	68	68.63	1.294
	30	74	68.69	1.294
	31	80	68.75	1.294
Sep.	1	78	68.73	1.392
	2	78	68.73	1.294
	3	64	68.59	1.294
	4	60	68.55	1.394
	5	62	68.57	1.392
	6	62	68.57	1.592
	7	62	68.57	1.294
	8	62	68.57	1.294
	9	62	68.57	1.492
	10	60	68.55	1.294
	11	62	68.57	1.294
	12	62	68.57	2.347
	13	60	68.55	2.347
	14	62	68.57	2.119
	15	60	68.55	2.011
	16	60	68.55	2.119
	17	58	68.53	1.700
	18	59	68.54	1.595
	19	60	68.55	1.905
	20	58	68.53	1.492
	21	59	68.54	1.492
	22	60	68.55	1.492
	23	60	68.55	1.802
	24	62	68.57	1.492
	25	62	68.57	1.294
	26	60	68.55	1.392
	27	61	68.56	1.492
	28	59	68.54	1.700
	29	59	68.54	1.492
	30	60	68.55	1.700

Mon.	Day	Stage (cm)	Wat. Lev. (H.L. m)	Disch. (m <sup>3</sup> /s)
Oct.	1	59	68.54	1.70

**DATA D.5**

**DISCHARGE MEASUREMENT SURVEY  
BY JICA**





SCALE 1:1000000  
 10 0 10 20 (km)

FIG. LOCATIONS OF DISCHARGE MEASUREMENT SURVEY BY JICA

**LEGEND**

- Principal Station
- ▲ Auxiliary Station



TABLE D.5.1 SUMMARY OF DISCHARGE MEASUREMENT SURVEY BY JICA (1/2)

PRINCIPAL POINTS

Station No.	Code Number of Station		River Name / Water Course	Station Location		Measurement		Main Result		Details of Discharge Calculation									
	NCESD	NIMH		Old	New	Date	Time	Water Stage (cm)	Water Level (EL. m)	Discharge (m <sup>3</sup> /s)	Mean Velocity (m/s)	Cross-Sectional Area (m <sup>2</sup> )	Water Surface Width (m)	Water Depth (m)	Mean Water Depth (m)	River Width (m)	Maximum Water Depth (m)	Maximum Velocity (m/s)	
1	256	71650	Maritza	At hydrometric station, Radouli village, near the bridge on Radouli-Borovetz road	828.81	19.08.97	17:30-18:30	3.0	828.84	0.091	0.336	0.270	4.50	0.06	4.50	0.06	4.50	0.411	
						31.08.97	08:00-08:30	10.0	828.91	0.406	0.694	0.585	4.50	0.13	4.50	0.13	4.50	0.874	
						01.09.97	08:00-08:30	6.0	828.87	0.143	0.332	0.405	4.50	0.09	4.50	0.09	4.50	0.456	
						25.09.97	17:05-17:30	2.0	828.83	0.043	0.281	0.235	4.50	0.05	4.50	0.05	4.50	0.185	
						03.10.97	18:10-18:40	7.5	828.89	0.258	0.448	0.470	4.50	0.10	4.50	0.10	4.50	0.457	
						27.10.97	16:00-16:35	8.0	828.89	0.259	0.455	0.450	4.50	0.11	4.50	0.11	4.50	0.518	
						30.10.97	15:50-16:20	4.0	828.83	0.102	0.323	0.315	4.50	0.07	4.50	0.07	4.50	0.399	
						19.11.97	15:50-16:20	4.0	828.85	0.068	0.216	0.315	4.50	0.07	4.50	0.07	4.50	0.388	
						30.11.97	14:15-14:40	8.0	828.89	0.212	0.429	0.485	4.50	0.11	4.50	0.11	4.50	0.489	
						10.12.98	08:00-08:30	10.0	828.91	0.313	0.536	0.585	4.50	0.13	4.50	0.13	4.50	0.555	
						14.02.98	08:00-08:30	13.0	828.94	0.490	0.883	0.720	4.50	0.16	4.50	0.16	4.50	0.874	
						15.03.98	16:10-16:35	4.0	828.85	0.078	0.248	0.315	4.50	0.07	4.50	0.07	4.50	0.354	
2	260	71800	Maritza	At hydrometric station, Pazardjik, near the bridge on Pazardjik-Kostenez road	199.58	06.08.97	13:00-14:00	11.0	199.69	5.988	0.638	9.386	32.10	0.28	33.60	0.50	0.75		
						29.08.97	13:20-14:40	3.0	199.61	3.482	0.573	6.795	26.10	0.26	33.60	0.41	0.75		
						17.09.97	10:30-11:50	6.0	199.64	3.212	0.506	6.349	26.10	0.24	33.60	0.36	0.75		
						29.09.97	14:00-15:20	2.0	199.60	4.111	0.271	15.167	26.10	0.58	31.60	8.00	0.950		
						16.10.97	13:10-14:30	30.0	199.88	10.731	0.664	16.155	34.10	0.47	35.60	8.84	0.941		
						08.11.97	10:00-11:30	32.0	199.90	12.134	0.696	17.445	34.10	0.51	35.60	8.82	0.975		
						20.11.97	09:30-10:50	30.0	199.88	10.587	0.655	16.173	34.10	0.47	35.60	8.78	0.965		
						11.02.98	12:50-14:00	52.0	200.10	21.423	0.730	28.536	39.60	0.72	39.60	1.16	1.68		
						18.02.98	09:30-12:00	86.0	200.42	45.455	0.941	46.324	47.10	1.03	50.10	1.60	1.84		
						13.03.98	10:00-12:30	84.0	200.42	41.539	0.894	46.44	47.10	0.99	50.10	1.60	1.84		
						25.03.98	13:40-15:00	55.0	200.13	22.086	0.780	28.307	37.10	0.76	38.60	1.31	1.66		
						06.08.97	10:40-12:30	60.0	202.33	28.444	0.684	41.60	8.00	0.52	8.00	0.54	0.884		
3	(260)	71801	Channel Pashaek	At hydrometric station, Pazardjik, an irrigation canal from Maritza and Topolnitsa rivers	201.73	30.08.97	10:00-12:00	60.0	202.33	2.679	0.644	4.160	8.00	0.52	8.00	0.54	0.788		
						17.09.97	12:10-14:15	62.0	202.35	2.817	0.652	4.320	8.00	0.54	8.00	0.56	0.798		
						29.09.97	16:00-16:50	40.0	202.13	1.152	0.450	2.560	8.00	0.32	8.00	0.34	0.534		
						16.10.97	15:00-15:50	26.0	201.99	0.287	0.199	1.440	8.00	0.18	8.00	0.20	0.291		
						08.11.97	11:10-12:00	24.0	201.97	0.251	0.196	1.380	8.00	0.16	8.00	0.18	0.278		
						20.11.97	11:45-12:35	23.0	201.96	0.237	0.198	1.200	8.00	0.15	8.00	0.17	0.285		
						11.02.98	11:10-11:50	22.0	201.95	0.222	0.199	1.200	8.00	0.14	8.00	0.16	0.282		
						18.02.98	14:30-15:20	22.0	201.95	0.223	0.199	1.200	8.00	0.14	8.00	0.16	0.287		
						29.02.98	12:30-13:15	23.0	201.96	0.241	0.201	1.200	8.00	0.15	8.00	0.17	0.292		
						13.03.98	13:00-13:50	21.0	201.94	0.205	0.197	1.040	8.00	0.13	8.00	0.15	0.282		
						25.03.98	12:00-12:40	22.0	201.95	0.226	0.196	1.120	8.00	0.14	8.00	0.16	0.291		
						21.08.97	09:32-10:20	793.0	1.099	0.662	1.660	1.70	0.98	1.70	0.98	1.70	1.11	0.820	
4	89		Maritza	At road bridge in Poltavovo district of the town of Stambolitsky		29.08.97	09:32-10:20	796.0	1.038	0.690	2.120	4.50	0.47	4.50	0.75	0.884			
						12.09.97	11:00	795.0	0.924	0.451	2.050	4.00	0.51	4.00	0.64	0.620			
						26.09.97	16:00-17:00	792.0	1.178	0.510	2.309	4.00	0.58	4.00	0.77	0.768			
						13.10.97	11:25	793.0	1.043	0.505	2.065	4.20	0.49	4.20	0.60	0.677			
						28.10.97	11:30-12:00	808.0	0.538	0.506	0.930	2.90	0.33	2.90	0.39	0.761			
						11.11.97	13:00-14:00	792.0	1.119	0.475	2.356	2.90	0.81	2.90	1.40	0.774			
						25.11.97	09:00-10:00	774.0	0.985	0.384	2.563	4.50	0.57	4.50	1.15	0.749			
						12.02.98		706.0	7.660	0.702	10.915	21.10	0.52	21.10	0.52	21.10	1.13		
						23.02.98		721.0	18.644	0.897	20.792	23.20	0.83	23.20	0.83	23.20	1.90		
						13.03.98		738.0	21.309	1.212	17.583	24.60	0.71	31.00	2.47	2.558			
						24.03.98		744.0	28.986	0.947	30.594	41.00	0.75	41.00	2.35	2.568			

(1) : Indicates new locations of measurements that are assigned by a number by JICA Study Team, for identification purpose only  
 \*\*: Indicates return to the river downstream

TABLE D.5.1 SUMMARY OF DISCHARGE MEASUREMENT SURVEY BY JICA (2/2)

PRINCIPAL POINTS

Station No.	NCESSD	Code Number of Station		River Name / Water Course	Station Location		Gauge Level (EL. m)	Measurement		Water Stage (cm)	Main Result		Details of Discharge Calculation						
		Old	New		Date	Time		Discharge (m <sup>3</sup> /s)	Water Level (EL. m)		Mean Velocity (m/s)	Cross-Sectional Area (m <sup>2</sup> )	Water Surface width (m)	Water Depth (m)	Mean Water Depth (m)	River Width (m)	Maximum Water Depth (m)	Maximum Velocity (m/s)	
5	(89')			Channel Enarik	In Polatovo district, an irrigation canal from Maritza river, on the left riverside at the road bridge in Polatovo	155.08	1	21.08.97	14:00-15:20	304.0	10.392	0.474	21.940	1.03	21.40	1.66	0.754		
							2	29.08.97	10:40	207.0	13.607	0.462	29.458	20.48	1.44	20.48	1.78	0.980	
							3	12.09.97	12:00	290.0	13.927	0.501	23.699	20.40	1.15	20.60	1.38	1.351	
							4	26.09.97	11:35-12:45	280.0	20.877	0.708	29.572	21.50	1.38	21.50	1.86	1.037	
							5	13.10.97		301.0	18.774	0.520	26.436	21.40	1.24	21.40	1.52	0.838	
							6	28.10.97	12:30-13:40	306.0	18.124	0.725	23.378	20.80	1.12	20.80	1.50	1.333	
							7	11.11.97	10:00-11:00	312.0	17.544	0.801	21.897	20.40	1.04	21.20	1.31	1.343	
							8	12.02.98		296.0	32.075	1.101	25.600	21.50	1.19	21.50	1.60	1.701	
							9	23.02.98	10:25	295.0	30.568	1.082	28.240	21.50	1.31	21.50	1.67	1.811	
							10	15.03.98	11:00-12:30	292.0	33.435	1.190	28.096	21.40	1.31	21.50	1.80	1.689	
							11	24.03.98	11:00-12:30	292.0	33.435	1.190	28.096	21.40	1.31	21.50	1.80	1.689	
							12	21.08.97		308.0	4.0	0.442	8.408	16.50	0.51	16.50	0.71	0.772	
6	(89')			Channel Enarik	At overflow weir to Maritza river from "Enarik" at Polatovo, below the road bridge in Polatovo	155.08	1	29.08.97		280.0	1.197	0.392	3.053	11.50	0.27	11.50	0.55	0.592	
							2	12.09.97		301.0	0.656	0.557	1.178	8.40	0.14	8.40	0.19	0.780	
							3	13.10.97		306.0	9.474	2.248	4.048	7.30	0.54	10.25	0.65	3.115	
							4	28.10.97	14:00-15:00	314.0	9.986	1.610	6.207	9.25	0.67	13.00	0.90	2.867	
							5	11.11.97		319.0	3.294	1.024	3.250	14.15	0.33	16.15	0.35	1.671	
							6	25.11.97	10:00-11:00	312.0	7.553	1.333	5.668	14.15	0.40	16.15	0.55	2.194	
							7	12.02.97		295.0	8.563	1.486	5.763	13.88	0.42	15.88	0.58	2.340	
							8	13.03.97		292.0	10.362	1.633	6.346	14.15	0.45	16.15	0.65	2.536	
							9	24.03.98		301.0	53.435								
							10	08.08.97	12:30-13:40	301.0	155.13	21.838	40.795	60.50	0.67	105.00	1.21	0.898	
							11	26.08.97	10:30-11:40	301.0	155.16	16.468	4.44	37.028	57.70	0.64	102.20	0.92	0.800
							12	10.09.97	10:00-12:00	4.0	23.190	4.61	40.830	60.30	0.71	103.80	1.02	0.985	
7	265	301	72700	Maritza	At hydrometric station in the town of Plovdiv	155.08	1	25.09.97	11:00-12:00	10.0	155.18	25.368	50.193	73.65	0.68	115.40	1.36	0.891	
							2	06.10.97	11:50-13:20	0.0	155.08	21.269	46.032	59.800	0.771	105.30	1.28	0.866	
							3	28.10.97	11:00-12:30	9.0	155.17	27.441	52.623	62.000	0.835	104.50	1.43	0.965	
							4	07.11.97	10:00-12:00	14.0	155.22	31.277	56.69	63.25	0.87	105.00	1.40	0.978	
							5	26.11.97	10:00-12:00	10.0	155.18	25.003	47.573	62.65	0.76	105.90	1.36	0.891	
							6	13.02.98	10:30-12:30	64.0	155.72	94.016	118.222	147.000	0.800	160.00	2.00	2.063	
							7	11.11.97	12:30-14:30	22.0	154.35	44.11	63.50	70.023	102.95	0.66	130.20	1.82	1.236
							8	24.02.98	13:45-15:45	22.0	155.71	89.163	112.087	135.50	0.833	153.30	1.97	1.440	
							9	11.03.98		63.0	155.47	58.328	72.23	80.775	95.45	0.83	126.20	1.83	1.198
							10	25.03.98	10:30-12:10	39.0	155.14	25.154	43.35	55.286	56.00	0.84	68.10	1.49	0.740
							11	25.08.97	16:50-18:50	1088.0	30.712	30.726	50.698	66.00	0.92	68.00	1.60	1.740	
							12	29.08.97	14:00-16:00	1086.0	30.712	30.712	50.698	66.00	0.92	68.00	1.60	1.740	
8	95			Maritza	In the town of Simenograd, second (middle) bridge of the road Simenograd-Harmalya	155.08	1	16.10.97	15:40-17:40	1065.0	34.344	0.519	66.165	65.00	0.96	71.00	1.64	0.839	
							2	28.10.97	11:30-14:00	1054.0	48.078	0.654	73.497	68.00	1.08	70.00	1.72	1.310	
							3	10.09.97	12:30-14:30	1070.0	40.939	0.657	62.710	67.00	0.96	69.00	1.47	0.966	
							4	11.11.97	14:30-16:50	1070.0	44.549	0.657	67.817	69.00	0.98	71.00	1.47	1.111	
							5	25.11.97	11:30-13:30	1065.0	47.963	0.714	137.190	155.00	0.89	161.00	2.17	1.332	
							6	12.02.98	16:00-18:30	1014.0	97.963	0.714	137.190	155.00	0.89	161.00	2.17	1.332	
							7	23.02.98	12:30-15:30	978.0	169.914	0.922	184.195	155.00	1.19	161.00	2.34	1.332	
							8	09.03.98	15:00-17:30	1010.0	104.629	0.745	140.495	155.00	0.91	161.00	2.12	1.332	
							9	19.03.98	12:40-15:00	1005.0	115.080	0.773	148.910	155.00	0.96	161.00	2.16	1.332	

TABLE D.5.2 SUMMARY OF DISCHARGE MEASUREMENT SURVEY BY JICA (1/2)

AUXILIARY POINTS

Station No.	Code Number of Station		River Name / Water Course	Station Location	Gauge Level (EL. m)	Measurement		Main Result			Details of Discharge Calculation						
	NCESD	NTMH				Date	Time	Water Stage (cm)	Water Level (EL. m)	Discharge (m <sup>3</sup> /s)	Mean Velocity (m/s)	Cross-Sectional Area (m <sup>2</sup> )	Water Surface Width (m)	Mean Water Depth (m)	River Width (m)	Maximum Water Depth (m)	Maximum Velocity (m/s)
1	86		Maritza	Near Zlokuchane village, at the bridge of road Septemvri-Boshnya	625.0	1	28.08.97	11:00-13:50	0.942	0.066	14.332	25.000	0.571	49.501	1.24	0.257	
						2	22.11.97		2.679	0.172	15.540	25.000	0.621	49.501	1.45	0.204	
						3	24.03.98	11:30-13:30	32.962	0.825	39.970	49.001	0.832	52.001	2.06	1.283	
2	156	32	Chepniska	Luzen village, at the road bridge	533.0	1	28.08.97	09:00-10:00	572.0	0.519	0.604	3.601	0.17	3.601	0.22	0.680	
						2	21.11.97		0.221	0.484	0.456	3.601	0.13	3.601	0.18	0.613	
						3	23.03.98	11:03-1:50	55.0	0.985	0.916	3.601	0.26	3.601	0.35	0.461	
3	100	242	Topolniza	Pobitrene village, at the hydrometric station	54.3	1	30.08.97	14:40-16:00	64.0	2.473	0.326	2.596	21.30	0.36	21.30	6.48	0.576
						2	27.11.97	12:00-13:20	64.0	3.789	0.285	13.278	27.40	0.48	32.001	1.12	0.534
						3	26.09.97		589.0	0.787	0.457	1.720	10.00	0.17	10.00	0.24	0.650
4	(1007)		Topolniza	Lessichevo village, at the road bridge	613.0	1	18.11.97		570.0	13.718	0.731	18.760	28.90	0.65	33.50	1.34	1.153
						2	25.09.97	13:30-15:00	282.0	4.959	0.650	7.650	7.00	1.09	7.00	1.64	0.788
						3	18.11.97		386.0	0.317	0.302	1.050	7.00	0.15	7.00	0.15	0.390
5	(1009)		Irrigation Canal	Topolniza-Stryama-"Pyasschuk" reservoir in Lessichevo village	625.0	1	27.03.98	13:30-15:00	0.000	0.000	0.000	3.00	0.21	3.00	0.32	0.570	
						2	26.08.97	15:10-16:10	625.0	0.324	0.511	0.635	3.00	0.23	3.00	0.30	0.585
						3	26.09.97		625.0	0.336	0.505	0.665	3.00	0.23	3.00	0.30	0.585
6	259	23	Topolniza	Boshnya village, at the road bridge Pazardjik-Boshnya, before inflow into Maritza river	644.0	1	19.11.97		644.0	0.783	1.019	12.800	24.50	0.30	51.00	0.84	1.306
						2	26.03.98	13:00-14:20	587.0	13.044	0.102	0.483	3.50	0.14	3.50	0.20	0.296
						3	26.08.97	09:30-10:30	542.0	0.430	0.500	0.860	3.50	0.25	3.50	0.40	0.652
7	262		Luda Yana	Popovzy village, at the road bridge	516.0	1	27.11.97	11:30-12:20	516.0	1.845	0.620	2.222	7.50	0.30	7.50	0.38	1.168
						2	12.03.98	09:00-10:00	545.0	0.467	0.333	1.405	3.50	0.40	3.50	0.48	0.441
						3	25.08.97	09:00-10:00	534.0	0.841	0.520	1.617	3.50	0.46	3.50	0.58	0.667
8	154	2	Luda Yana	Male Kovane village, at the road bridge	574.0	1	28.11.97		574.0	1.943	0.543	2.029	8.50	0.32	16.00	0.54	0.796
						2	21.03.98	11:00-12:30	502.0	1.157	0.496	2.338	8.50	0.27	12.00	0.50	0.786
						3	25.08.97	11:00-12:30	507.0	0.596	0.452	1.980	5.50	0.25	5.50	0.42	0.710
9	264		Stara	Byaga village, at the road bridge	500.0	1	25.11.97		500.0	1.000	0.585	1.710	5.50	0.31	5.50	0.46	0.865
						2	18.03.98	11:00-12:00	722.0	7.758	0.698	1.115	18.50	0.60	18.50	0.96	0.936
						3	24.11.97	10:30-12:00	741.0	12.315	0.831	14.920	18.50	0.80	18.50	1.18	1.054
10	263		Maritza	Hadjievro village, at the road bridge	680.0	1	17.03.98	10:00-11:00	680.0	45.415	0.743	71.880	102.00	0.70	105.00	1.70	1.168
						2	21.08.97	10:30-11:45	731.0	1.541	0.301	5.127	39.50	0.13	41.50	0.20	0.554
						3	11.11.97	11:20	744.0	1.305	0.282	4.655	15.40	0.32	14.30	0.50	0.376
11	(V)		Vača	Yeakim Gruevo village, at the road bridge	707.0	1	24.03.98		707.0	23.860	1.359	17.361	55.40	0.33	58.30	0.53	2.250
						2	11.11.97		742.5	12.295	0.389	31.628	95.30	0.34	103.50	0.80	1.498
						3	25.08.97	12:00-15:00	768.0	10.917	0.851	12.828	61.00	0.21	61.00	0.45	2.050
12	90	1	Maritza	Orizary village, at the Plovdiv stretch road bridge (2 channels for low water)	725.0	1	20.11.97	10:00-11:00	725.0	37.433	0.797	34.423	148.00	0.23	148.00	0.80	2.096
						2	26.03.98		747.0	53.681	0.256	209.462	172.50	1.21	181.00	3.00	0.913
						3	30.08.97	10:00	508.0	0.556	0.302	1.181	6.00	0.20	6.00	0.29	0.554
13	(P)		Pyasschuk	Vatvodino village, at the rail road bridge	508.0	1	11.11.97	09:30-10:30	508.0	0.468	0.482	0.972	5.00	0.19	5.00	0.25	0.624
						2	26.09.97	10:00-11:00	508.0	0.103	0.293	0.551	2.60	0.13	2.60	0.17	0.391
						3	11.11.97		509.0	0.100	0.187	0.531	3.10	0.17	3.10	0.22	0.276
14	(P')		Pyasschuk	Tzaralevo village, at the road bridge	666.0	1	24.03.98		666.0	0.127	0.355	0.358	2.10	0.17	2.10	0.28	0.418
						2	30.08.97		672.0	2.822	0.299	9.425	12.50	0.75	12.50	1.23	0.778
						3	10.11.97	10:00-10:30	641.0	3.253	0.377	8.635	12.50	0.69	12.50	1.18	0.695
15	111	19	Chepolarika	Iseu "Kumera" camping, at the old road bridge	641.0	1	25.03.98		641.0	10.738	0.837	12.830	12.40	1.03	12.40	1.32	1.715

( ): Indicates new locations of measurements that are assigned by a number by JICA Study Team for identification purpose only

TABLE D.5.2 SUMMARY OF DISCHARGE MEASUREMENT SURVEY BY JICA (2/2)

AUXILIARY POINTS

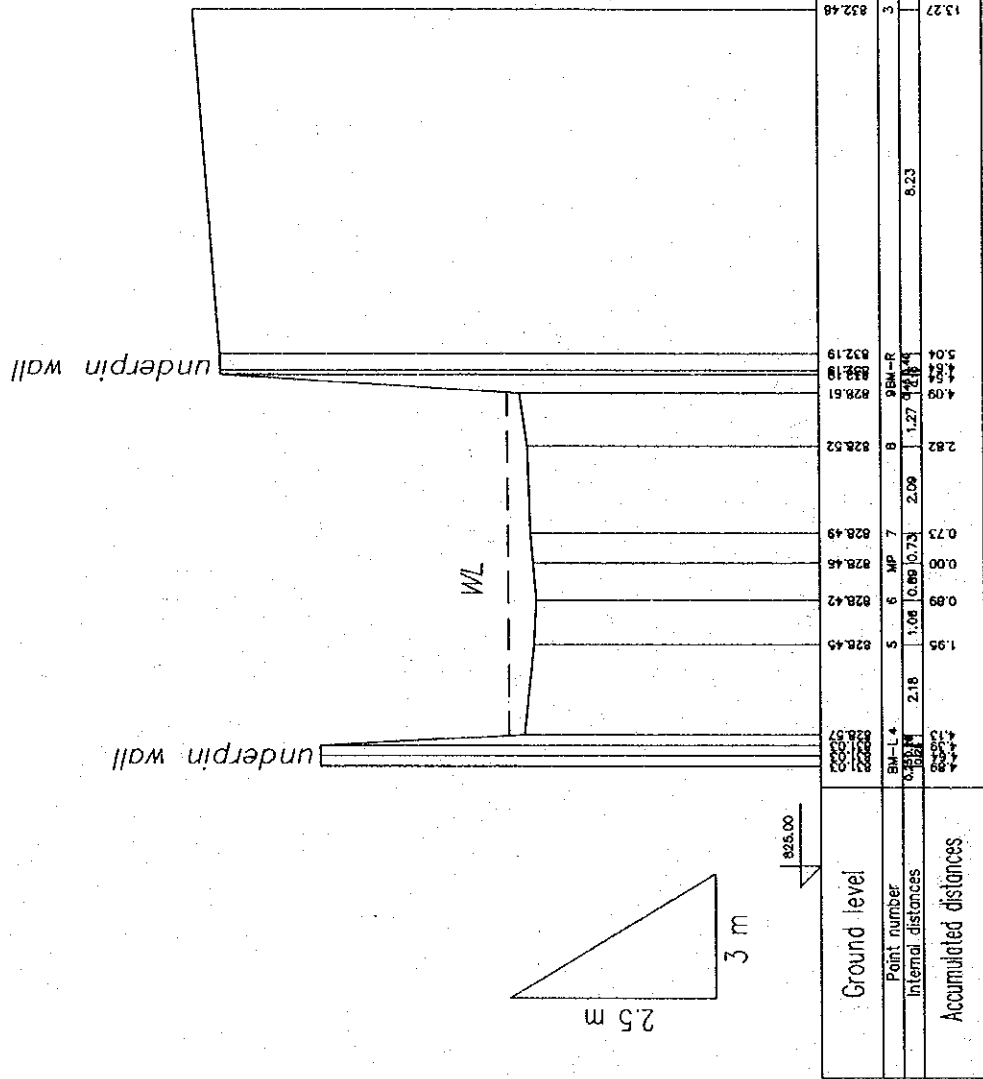
Station No.	Code Number of Station		River Name / Water Course	Station Location	Gauge Level (EL. m)	Measurement		Main Result		Details of Discharge Calculation										
	NCEISD	NIMH				Date	Time	Water Stage (cm)	Water Level (EL. m)	Discharge (m <sup>3</sup> /s)	Mean Velocity (m/s)	Cross-Sectional Area (m <sup>2</sup> )	Water Surface Width (m)	Water Depth (m)	Mean Water Depth (m)	River Width (m)	Maximum Water Depth (m)	Maximum Velocity (m/s)		
16	103	9	Stryana	Issue, Manole village, at the road bridge		20.08.97	13:00	519.0	1.204	0.477	7.85	0.31	7.85	0.59	0.772					
						10.11.97	12:00-12:40	499.0	4.466	0.832	5.370	19.00	0.28	19.00	0.42	1.125				
						25.03.98		499.0	11.551	1.033	10.667	26.80	0.40	43.00	1.05	1.295				
17	267		Martiza	Skobelevo village, at the road bridge		26.08.97	08:00-11:00	910.0	35.708	0.408	87.584	0.90	113.20	2.30	1.145					
						10.11.97	08:30-10:30	890.0	48.723	0.449	108.460	99.50	1.09	113.50	2.46	1.172				
						19.03.98	16:30-19:00	778.0	166.447	0.739	225.260	127.00	1.71	147.00	3.24	1.580				
18	94		Martiza	Town of Dimitrograd, at the middle road bridge		26.08.97	11:50-14:20	1130.0	33.018	0.542	60.884	0.81	78.80	1.40	0.839					
						10.11.97	12:00-14:00	1098.0	46.006	0.623	73.577	78.50	0.94	82.50	1.57	0.888				
						18.03.98	07:30-10:30	1033.0	127.050	0.818	155.315	154.00	1.01	180.00	2.37	1.332				
19	329		Bedezhka	After the town of Stara Zagora at the inclinometer		25.08.97	08:30-08:15	333.0	1.114	1.136	0.990	4.50	0.22	4.50	0.30	1.190				
						10.11.97	16:00-16:45	340.0	0.696	0.940	0.740	4.00	0.18	4.00	0.30	1.481				
						18.03.98	13:00-13:45	335.0	1.197	1.145	1.045	4.50	0.23	4.50	0.36	1.481				
20	104		Bedezhka	After Mogila village, at the road bridge		25.08.97	10:25-11:10	296.0	2.931	1.155	2.556	8.20	0.31	8.20	0.46	1.481				
						10.11.97	17:55-18:35	297.0	2.932	1.137	2.578	8.20	0.32	8.20	0.49	1.481				
						19.03.98	15:10-15:50	294.0	3.159	0.975	3.248	10.00	0.52	10.00	0.47	1.432				
21	628 (UNDP)		Sazliyka	After the town of Radnevo, before the bridge		25.08.97	09:15-10:30	608.0	6.323	0.833	7.628	14.50	0.53	14.50	0.84	1.591				
						10.11.97	09:15-10:30	608.0	6.822	0.791	8.622	14.50	0.59	14.50	0.98	1.565				
						18.03.98	17:45-18:45	648.0	10.825	0.871	12.430	17.50	0.71	17.50	1.23	1.705				
22	331	106	Blantiza	Town of Radnevo, centre, at the bridge-river bed corrected and reversed with cement		25.08.97	11:50-12:30	507.0	3.216	0.941	3.419	5.20	0.66	5.20	0.84	1.111				
						10.11.97	08:00-08:50	532.0	1.631	0.778	2.167	4.60	0.47	4.60	0.62	0.873				
						18.03.98	16:30-17:30	499.0	3.773	0.912	4.440	5.50	0.73	5.50	0.85	1.210				
23	270		Sazliyka	Trojan village, at the road bridge		25.08.97	15:00-16:30	494.0	9.608	0.533	17.372	23.20	0.75	23.20	0.98	0.888				
						10.11.97	13:00-14:30	505.0	9.261	0.549	16.880	23.00	0.73	23.00	1.04	0.908				
						19.03.98	11:00-12:10	460.0	19.431	0.577	28.710	24.00	1.20	24.00	1.63	1.190				
24	158		Haskovska	After the town of Haskovo, at the road bridge		19.08.97	10:40-12:10	672.0	0.844	0.839	2.326	7.25	0.32	7.25	0.46	0.717				
						20.10.97	07:40-08:40	650.0	0.735	0.773	1.969	6.81	0.29	7.25	0.39	0.614				
						25.11.97	07:30-08:30	642.0	2.483	0.892	4.545	8.00	0.57	8.00	0.72	0.860				
25	394		Harmaniyska	Dinevo village, at the road bridge		19.08.97	15:10-16:40	390.0	1.829	0.397	2.271	7.75	0.29	7.75	0.41	0.677				
						20.10.97	09:00-10:00	394.0	1.656	0.747	2.215	8.00	0.28	8.00	0.40	1.290				
						24.11.97	09:00-10:00	380.0	3.137	0.932	3.365	9.50	0.35	9.50	0.50	1.613				
26	271	308	Harmaniyska	At the hydrometric station in the town of Harmantzy, before the outflow	67.95	27.03.98	09:30-10:30	588.0	1.891	0.778	2.430	8.50	0.29	8.50	0.42	1.354				
						16.08.97	12:00-13:30	58.0	68.53	0.932	0.504	2.850	11.00	0.17	11.00	0.30	0.662			
						20.10.97	10:20-11:20	60.0	68.57	1.455	2.300	10.00	0.23	10.00	0.33	0.921				
27	638 (UNDP)		Martiza	Town of Lyubimetz, at the road bridge		25.11.97	10:30-11:30	620.0	6.666	1.077	6.193	13.00	0.48	13.00	0.67	1.323				
						27.03.98	09:30-10:30	930.0	68.88	0.666	101.638	58.00	0.873	116.170	58.00	2.01	90.00	3.70	1.250	
						20.10.97	16:10-19:10	1060.0	52.724	0.548	96.485	44.00	2.19	60.00	3.94	4.08	0.992			
28	97	1	Martiza	Town of Svilengrad, at the hydrometric station		24.11.97	16:00-19:00	1016.0	83.759	0.838	99.930	44.00	2.27	60.00	4.53	1.292				
						27.03.98	15:00-19:00	974.0	151.557	1.154	131.310	38.00	1.87	136.50	4.53	1.792				
						17.08.97	08:00-12:00	86.0	81.530	0.533	152.900	176.30	0.87	225.00	1.61	0.717				
29	(MPr)		Martiza	Town of Parvomay, road bridge, at the hydrometric station		30.10.97	08:00-12:00	92.0	101.510	0.630	161.100	184.30	0.87	232.00	1.61	0.915				
						30.10.97	08:00-12:00	105.0	143.050	0.784	182.484	184.30	0.99	232.00	1.75	1.927				
						27.03.98	08:00-12:00	116.0	178.503	0.883	201.259	187.50	1.08	232.00	1.78	1.268				
30	(MPr)		Martiza	At the hydrometric station, after the town of Harmantzy		28.10.97	08:00-10:00	211.0	35.217	0.644	54.702	67.00	0.82	147.00	1.53	3.220				
						25.11.97	08:00-10:00	207.0	35.583	0.700	50.826	67.00	0.76	147.00	1.53	3.220				
						26.03.98	15:00-17:30	265.0	77.193	0.854	102.497	115.00	0.89	183.20	2.31	1.267				

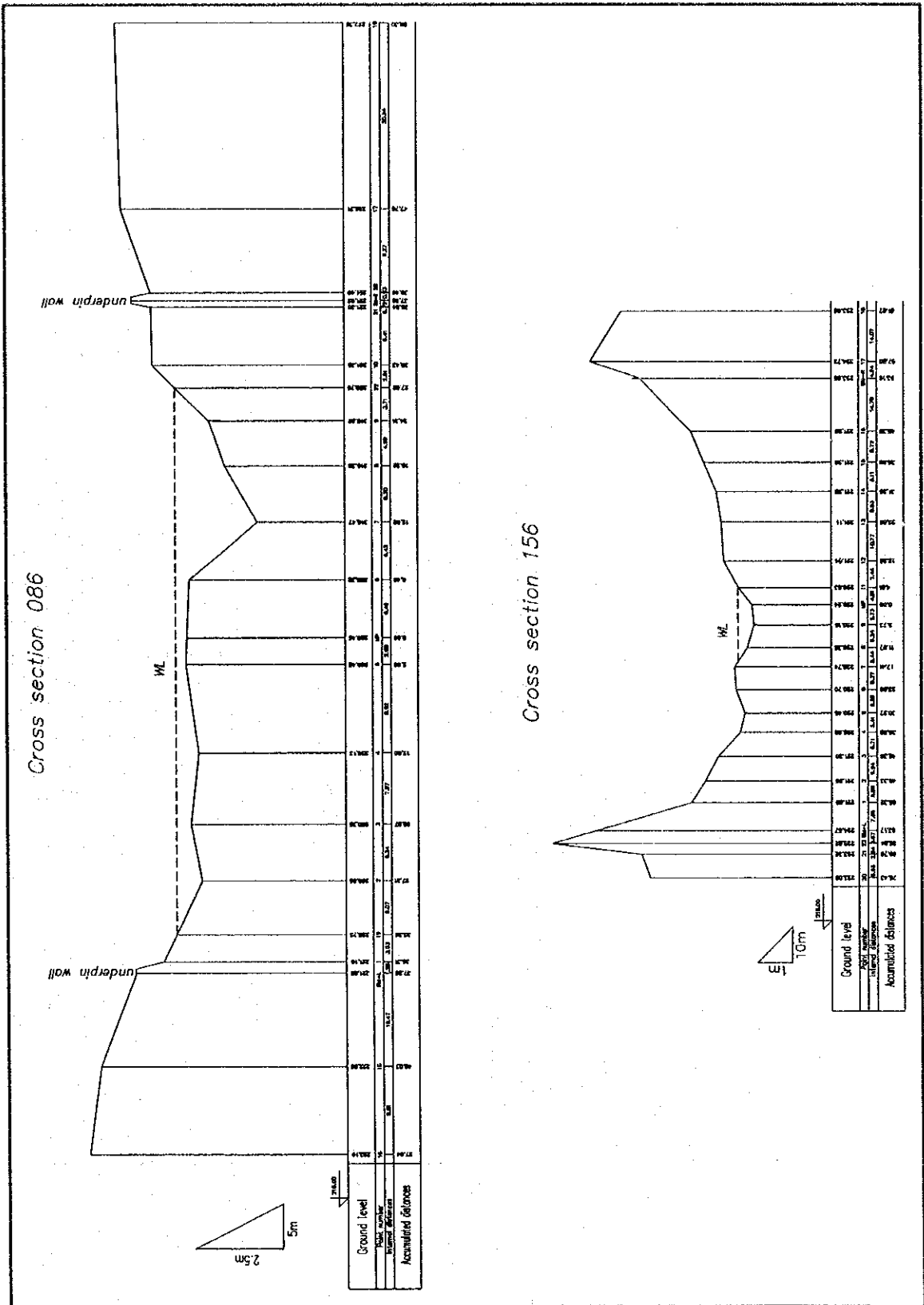
**DATA D.6**

**CROSS-SECTIONAL SURVEY  
BY JICA**



Cross section 256





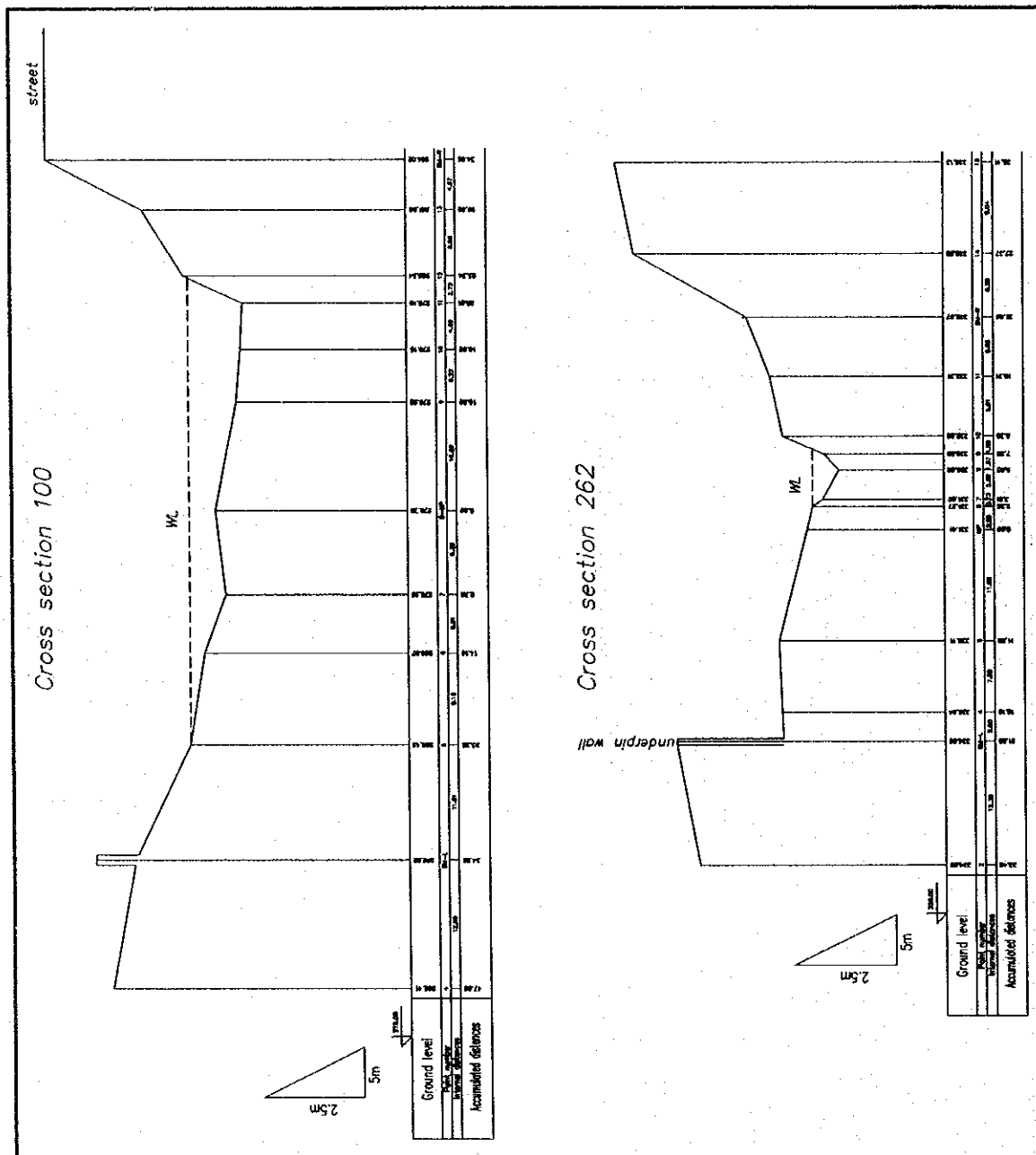
Cross section 086

Cross section 156

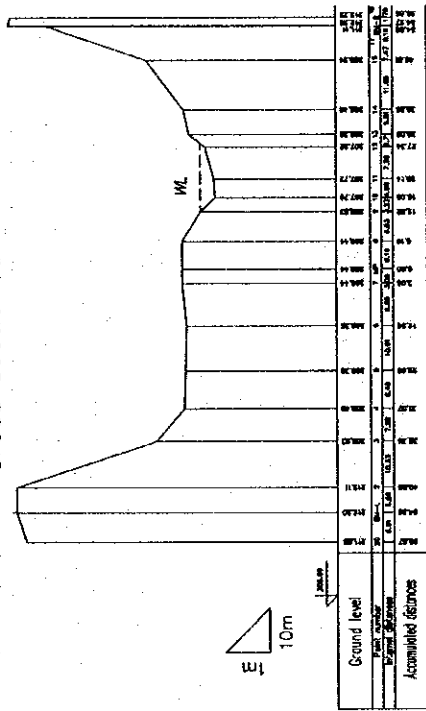
Ground level	Point number	Accumulated distance
27.24	0	0.00
27.19	1	0.25
27.14	2	0.50
27.09	3	0.75
27.04	4	1.00
26.99	5	1.25
26.94	6	1.50
26.89	7	1.75
26.84	8	2.00
26.79	9	2.25
26.74	10	2.50
26.69	11	2.75
26.64	12	3.00
26.59	13	3.25
26.54	14	3.50
26.49	15	3.75
26.44	16	4.00
26.39	17	4.25
26.34	18	4.50
26.29	19	4.75
26.24	20	5.00
26.19	21	5.25
26.14	22	5.50
26.09	23	5.75
26.04	24	6.00
25.99	25	6.25
25.94	26	6.50
25.89	27	6.75
25.84	28	7.00
25.79	29	7.25
25.74	30	7.50
25.69	31	7.75
25.64	32	8.00
25.59	33	8.25
25.54	34	8.50
25.49	35	8.75
25.44	36	9.00
25.39	37	9.25
25.34	38	9.50
25.29	39	9.75
25.24	40	10.00

Ground level	Point number	Accumulated distance
26.43	0	0.00
26.38	1	0.25
26.33	2	0.50
26.28	3	0.75
26.23	4	1.00
26.18	5	1.25
26.13	6	1.50
26.08	7	1.75
26.03	8	2.00
25.98	9	2.25
25.93	10	2.50
25.88	11	2.75
25.83	12	3.00
25.78	13	3.25
25.73	14	3.50
25.68	15	3.75
25.63	16	4.00
25.58	17	4.25
25.53	18	4.50
25.48	19	4.75
25.43	20	5.00
25.38	21	5.25
25.33	22	5.50
25.28	23	5.75
25.23	24	6.00
25.18	25	6.25
25.13	26	6.50
25.08	27	6.75
25.03	28	7.00
24.98	29	7.25
24.93	30	7.50
24.88	31	7.75
24.83	32	8.00
24.78	33	8.25
24.73	34	8.50
24.68	35	8.75
24.63	36	9.00
24.58	37	9.25
24.53	38	9.50
24.48	39	9.75
24.43	40	10.00

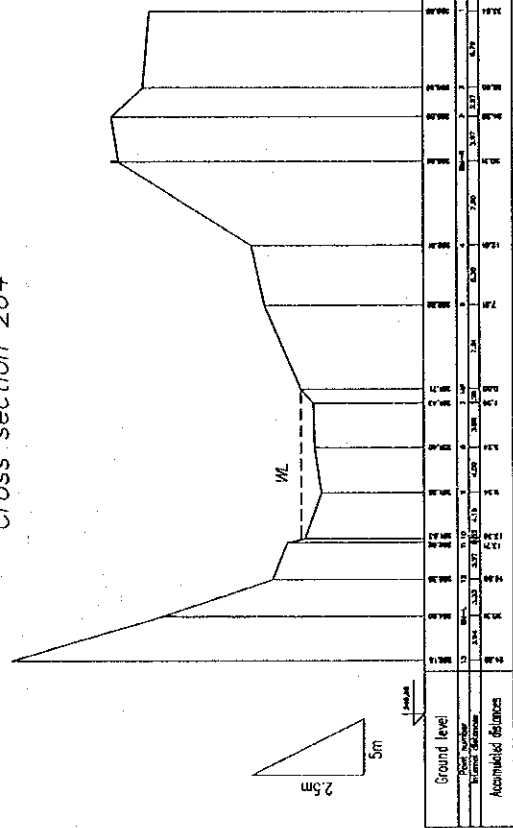




Cross section 259



Cross section 264



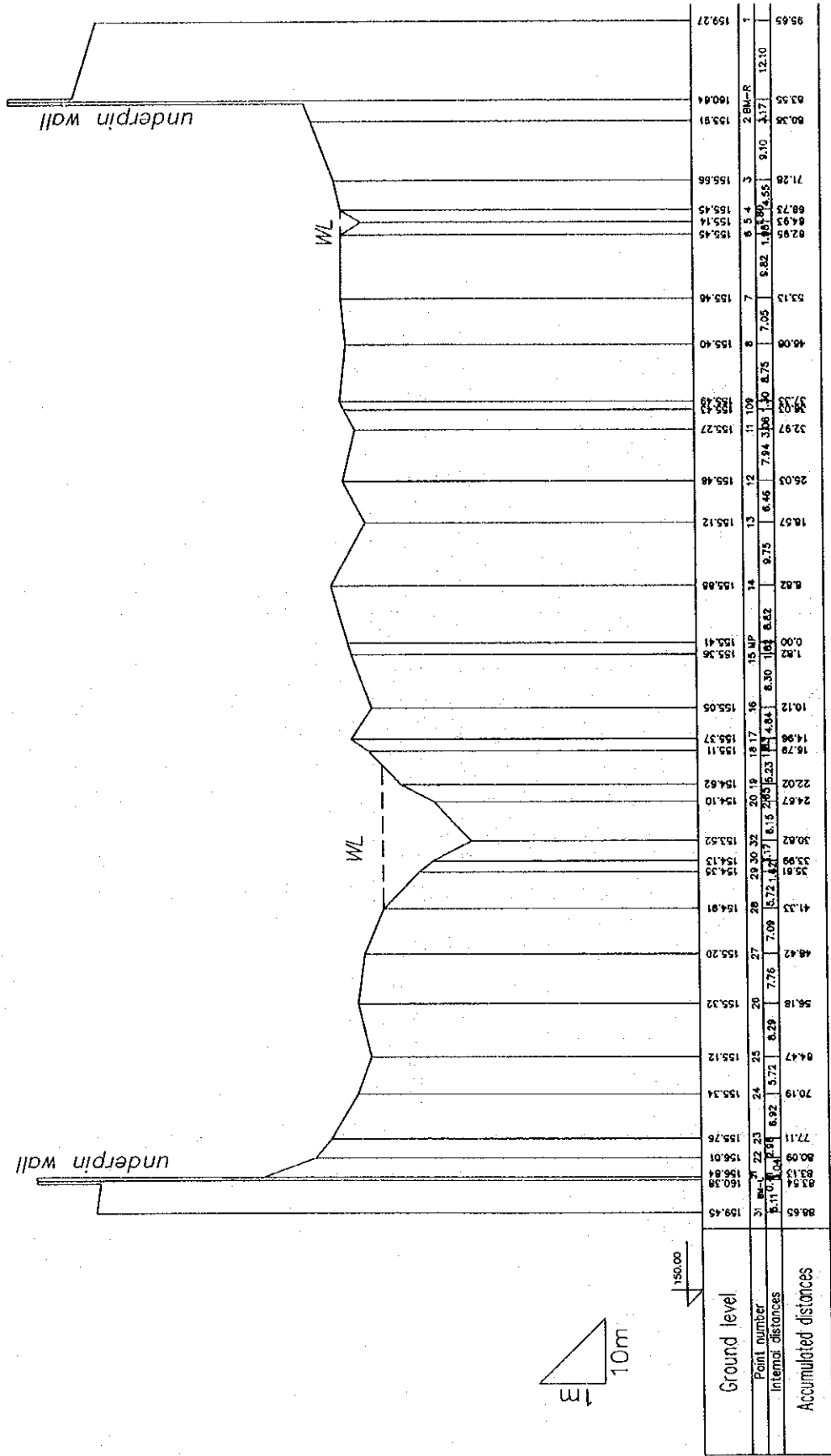




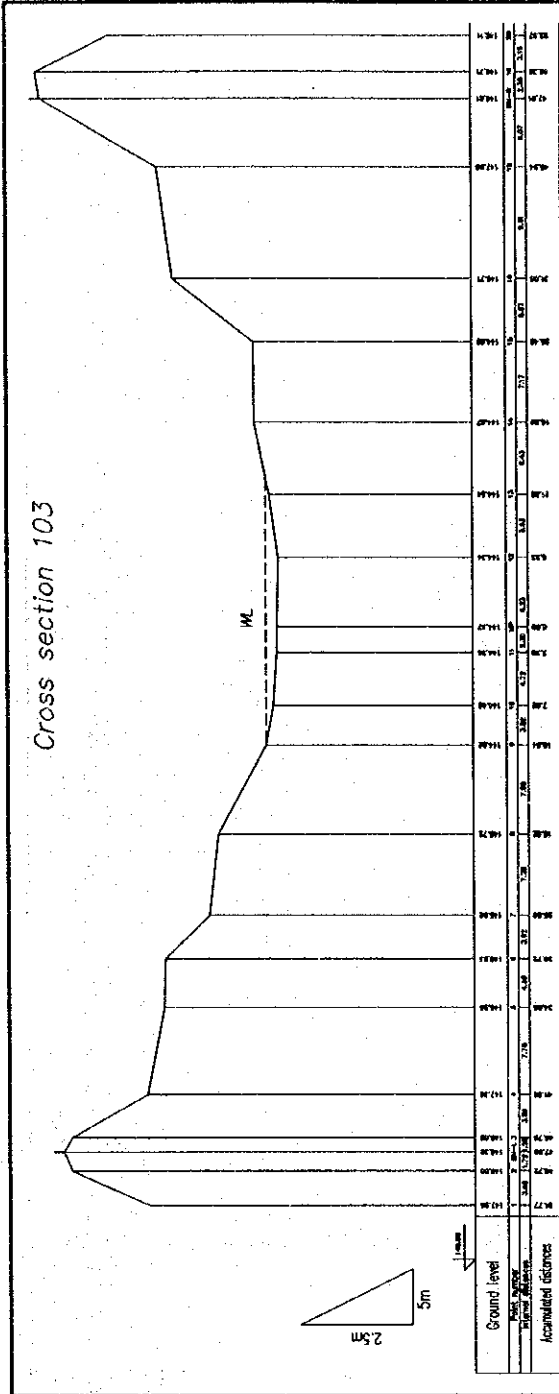




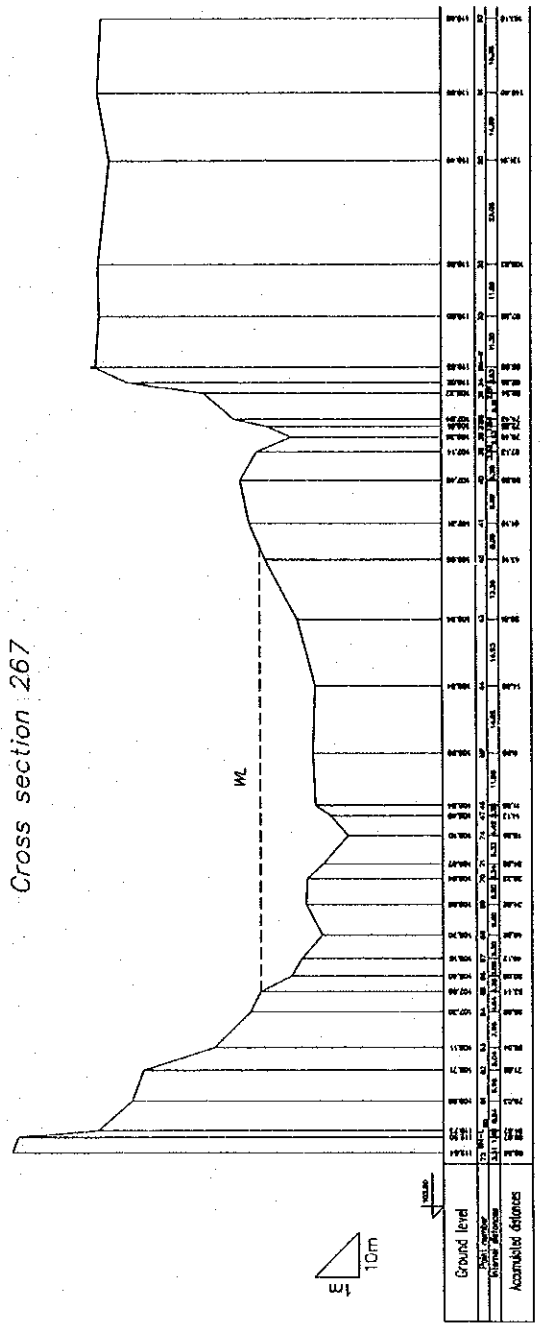
# Cross section 265



Cross section 103



Cross section 267

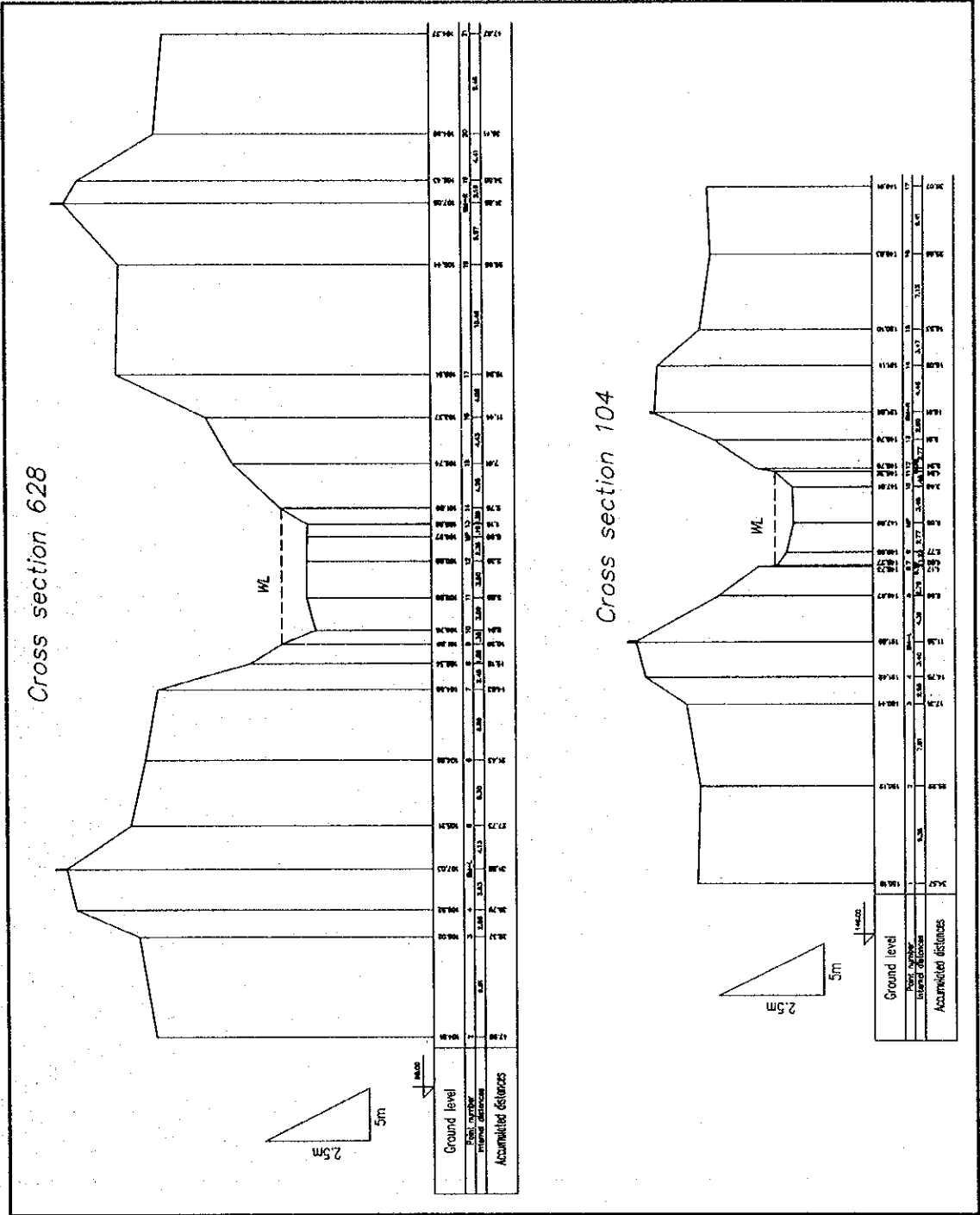




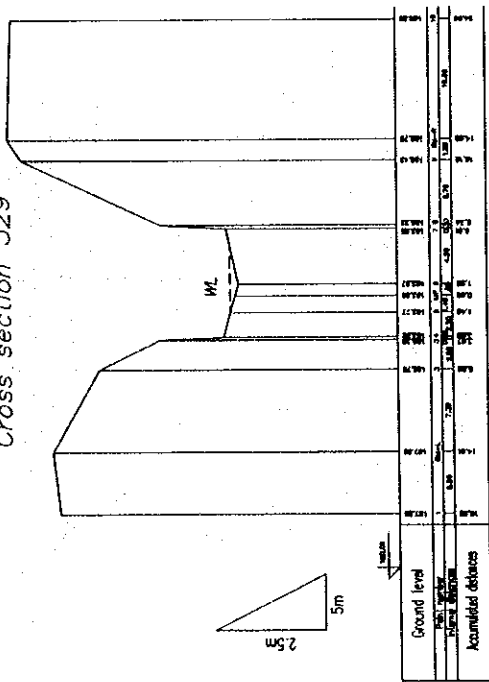




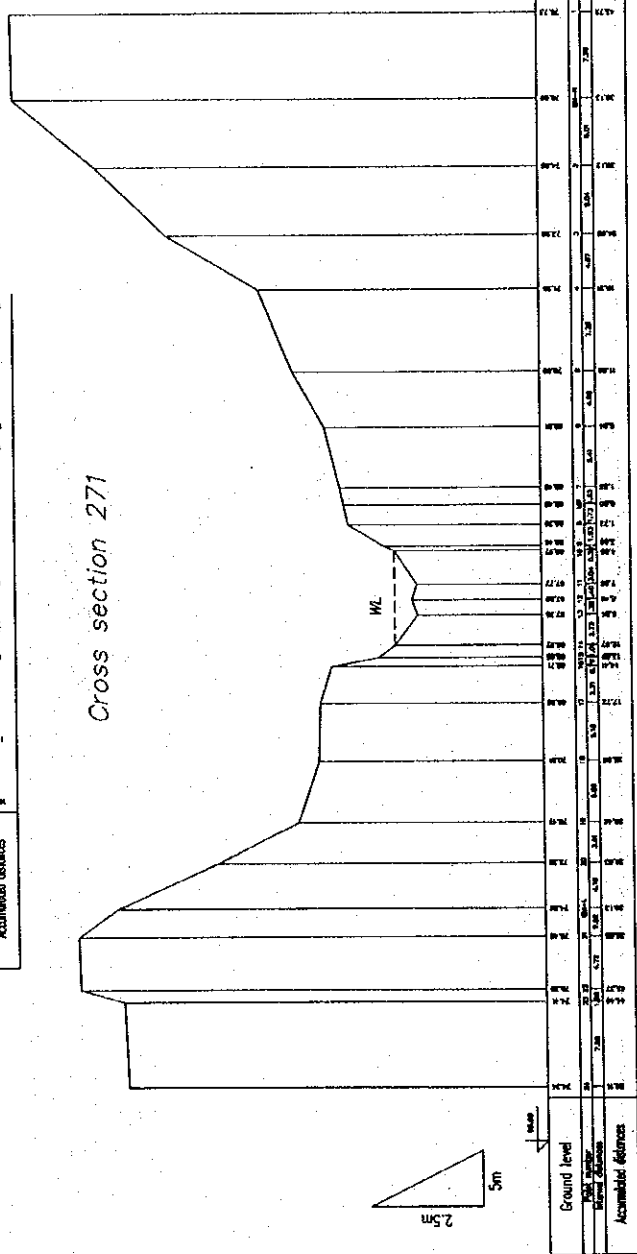


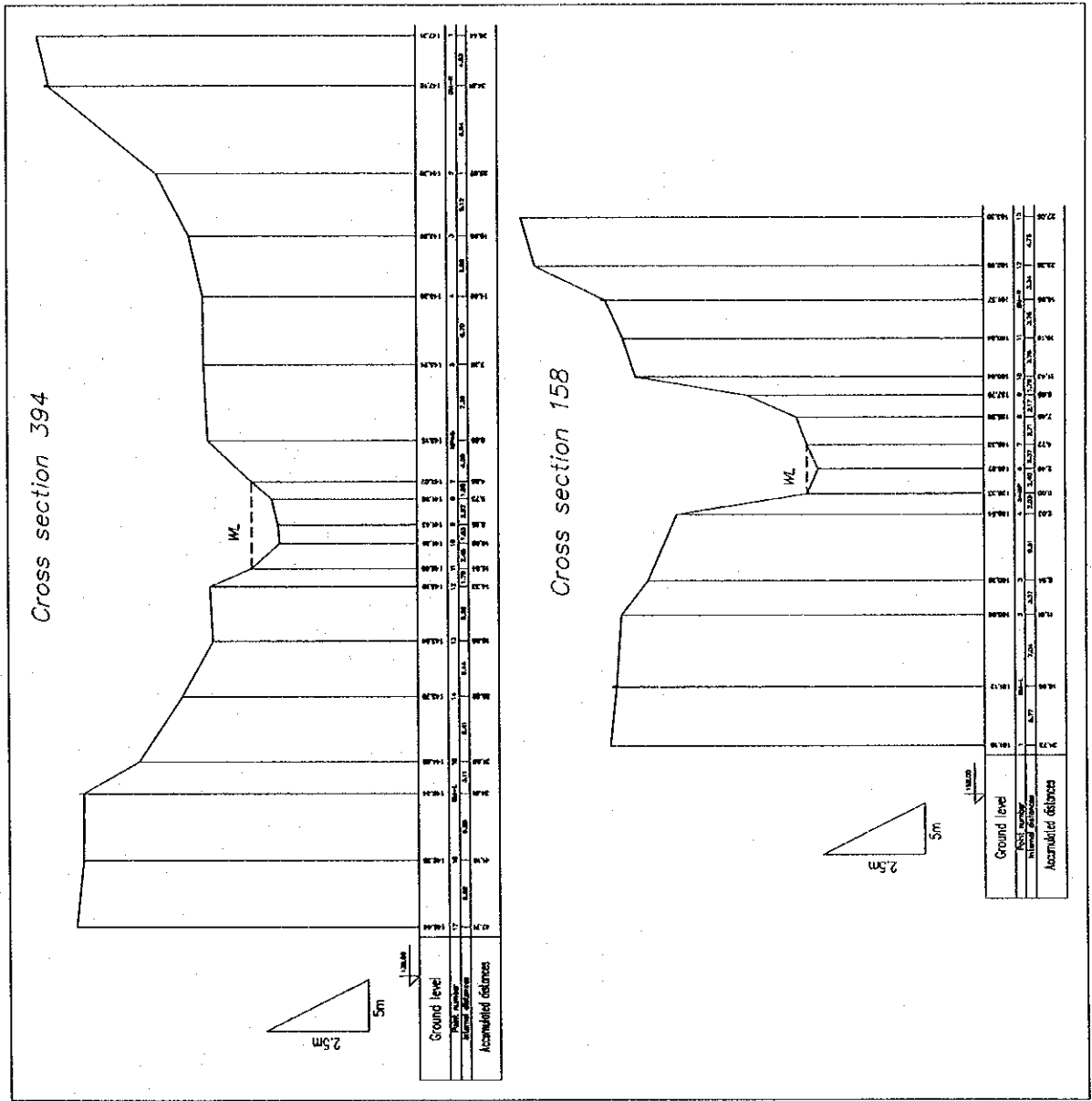


Cross section 329



Cross section 271





**DATA D.7**

**SOME ADDITIONAL DATA ON  
METEOROLOGY AND  
HYDROLOGY**

TABLE D.7.1 MONTHLY PRECIPITATION AT MUSSALA PEAK (CODE NO. 64215)

CLIMATIC STATION IN THE MARIZA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)												Annual (mm)
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
1963		213.60	426.20	185.10	150.90	129.70	79.60	48.90	14.60	8.80	48.10	57.60	144.70	1507.80
1964		55.60	114.00	86.90	105.10	180.10	49.80	73.60	37.30	99.90	66.80	173.80	278.60	1321.50
1965		316.20	246.80	266.60	320.60	267.70	51.30	26.70	31.90	1.70	3.80	78.70	165.00	1777.00
1966		251.90	69.00	118.00	105.70	98.30	102.70	47.80	54.40	13.00	41.20	82.40	174.60	1159.00
1967		111.60	119.10	182.10	145.50	96.70	100.80	49.60	45.90	45.30	21.80	35.10	97.10	1050.60
1968		173.80	68.90	131.00	5.60	101.90	97.30	18.90	133.10	66.80	27.80	154.60	48.70	1028.40
1969		153.00	83.70	61.10	112.60	67.50	127.00	93.10	37.70	15.50	155.40	17.60	138.70	1062.90
1970		53.90	117.40	76.40	56.40	125.70	69.20	85.40	34.40	17.30	51.30	37.90	52.20	777.50
1971		58.90	71.70	115.90	112.80	81.10	78.80	77.90	37.40	65.60	37.90	32.00	136.00	906.00
1972		73.30	30.10	28.36	122.20	101.80	39.90	152.10	84.10	78.40	126.10	38.90	4.10	879.30
1973		37.50	55.80	139.20	185.30	122.40	75.30	57.10	33.80	41.50	23.20	29.90	68.80	869.80
1974		154.20	47.20	34.30	82.30	115.30	80.30	51.40	30.70	17.70	43.90	66.20	139.30	862.80
1975		85.50	31.70	46.50	122.00	127.40	130.70	75.70	106.60	27.80	45.00	29.00	43.80	871.70
1976		101.40	23.50	32.30	76.30	110.80	93.50	97.00	78.00	26.40	59.50	55.90	58.50	813.10
1977		56.10	81.70	170.50	74.80	92.00	70.30	82.00	30.20	42.70	6.90	35.80	65.50	808.50
1978		84.60	50.90	188.40	85.60	75.90	56.90	23.00	56.60	133.50	22.70	14.00	86.20	878.30
1979		61.00	42.80	28.00	93.90	88.00	81.10	62.20	90.60	17.40	33.40	73.30	49.40	721.10
1980		66.50	51.70	99.60	82.40	107.30	79.70	45.00	25.30	19.10	81.80	43.90	67.40	769.70
1981		99.50	42.50	58.50	50.40	98.10	27.80	54.30	44.40	14.40	18.80	75.20	66.50	650.40
1982														
1983														
1984		78.60	39.30	100.20	185.20	41.70	63.60	28.50	42.00	15.10	9.00	12.30	58.10	673.60
1985		45.40	109.00	64.90	73.10	35.40	57.80	16.00	27.60	19.20	17.90	51.50	78.20	596.00
1986		90.30	78.70	16.00	21.60	72.10	18.90	41.60	62.00	8.20	28.90	11.80	70.00	520.10
1987		137.40	66.00	47.50	248.80	158.70	54.60	74.90	49.10	25.10	41.20	73.30	243.90	1220.50
1988		12.80	158.30	255.60	93.60	46.60	168.70	15.30	5.70	44.40	34.90	91.40	87.20	1014.50
1989		46.90	35.10	48.40	29.50				43.90	39.80	80.00	63.60	77.90	
1990		24.20	56.00	62.80	108.20	105.70	79.10	58.20	40.70	55.20	25.60	12.10	99.10	726.90
1991		29.20	72.80	36.50	168.70	109.80	56.70	132.00	87.00	56.20	68.00	30.40	35.10	882.40
1992		73.90	229.10	48.10	92.70	91.90	104.50	55.50	12.90	12.40	37.10	94.60	65.10	917.80
1993		50.80	20.60	84.60	60.80	147.00	29.00	30.30	10.90	9.80	8.70	46.10	93.30	591.90
1994		70.30	59.90	87.30	84.90	67.60	46.80	110.20	39.60	21.20	34.90	33.50	87.50	743.70
1995		109.70	58.10	92.60	220.20	143.10	104.90	98.70	93.80	37.70	5.60	80.70	54.60	1099.70
1996		27.40	52.20	75.50	86.10	49.50	22.70	58.50	123.90	105.70	38.60	37.30	47.70	725.10



TABLE D.7.2 MONTHLY PRECIPITATION AT KAZANLAK (CODE NO. 42030)  
CLIMATIC STATION IN THE TUNDZA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		46	64	72	19	82	52	17	42	53	4	22	39	511
1985		19	17	24	45	64	110	21	20	20	1	92	2	435
1986		39	76	12	16	19	116	37	9	12	30	4	4	374
1987		43	38	13	77	27	31	30	22	25	45	34	59	443
1988		6	55	46	12	58	105	1	8	15	29	57	15	407
1989		1	14	41	31	44	105	14	56	29	57	50	31	471
1990		0	5	4	55	72	41	17	35	58	19	17	161	483
1991		7	33	22	70	134	182	129	51	2	34	50	16	726
1992		8	24	34	61	72	102	24	14	8	19	33	19	418
1993		3	39	52	41	79	56	26	30	24	7	65	23	444
1994		9	5	32	63	24	41	33	38	9	71	31	73	429
1995		35	13	65	23	72	166	35	20	60	3	62	93	648
1996		26	57	30	20	53	16	16	47	99	12	110	55	540
1997														

TABLE D.7.3 MONTHLY PRECIPITATION AT SLIVEA (CODE NO. 41010)  
CLIMATIC STATION IN THE TUNDZA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		67	41	94	12	63	91	21	42	39	3	42	32	547
1985		57	40	10	40	47	91	21	21	24	10	96	4	460
1986		38	91	10	12	19	96	25	45	14	35	6	29	420
1987		33	57	17	87	51	52	30	47	20	41	63	67	566
1988		13	47	86	23	47	89	1	7	17	28	63	50	470
1989		0	6	69	17	50	77	42	51	32	49	40	69	500
1990		0	11	0	71	109	11	24	22	51	24	22	146	492
1991		8	121	23	37	68	48	113	24	1	48	46	18	555
1992		3	16	57	71	35	118	34	2	4	16	51	18	423
1993		3	50	38	56	103	27	28	39	14	28	75	18	476
1994		14	1	28	88	31	105	39	6	27	58	32	117	545
1995		57	20	39	30	40	66	94	40	59	14	67	58	584
1996		25	57	24	51	117	4	12	43	189	13	93	97	725
1997														

TABLE D.7.4 MONTHLY PRECIPITATION AT ELHOVO (CODE NO. 29020)  
CLIMATIC STATION IN THE TUNDZA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		58	28	149	37	27	15	42	41	10	6	56	14	482
1985		56	73	13	70	59	56	16	13	7	11	64	5	442
1986														
1987		39	41	20	55	29	81	57	13	12	50	43	68	508
1988		7	34	111	38	47	56	16	5	16	28	97	28	481
1989		0	11	53	16	52	69	25	119	12	35	50	54	496
1990														
1991								77	58	10	52	38	27	
1992		3	14	29	35	34	55	20	8	36	38	80	15	366
1993		5	27	58	43	116	29	5	33	4	32	94	30	475
1994		10	2	29	99	22	40	45	29	0	126	43	82	526
1995		78	27	62	65	32	62	56	63	39	28	115	32	658
1996		23	75	46	75	15	0	5	40	78	18	106	59	539
1997														

TABLE D.7.5 MONTHLY PRECIPITATION AT KARDJALI (CODE NO. 44010)  
CLIMATIC STATION IN THE ARDA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		53	48	137	66	28	40	44	34	8	1	44	67	568
1985		72	42				32	13	8	8	13	81	2	
1986		82	143	5	30	46	34	32	42	9	24	31	20	496
1987		63	57	44	119	29	52	90	31	3	35	66	61	650
1988		9	94	85	23	40	75	0	8	14	11	101	62	521
1989		2	12	78	4	47	40	29	23	42	109	105	99	591
1990		1	7	39	82	49	40	8	0	58	44	13	219	559
1991		11	135	11	48	58	24	52	75	14	69	39	36	570
1992		9	12	51	89	35	132	28	0	4	32	71	37	500
1993		13	48	44	40	90	16	8	20	25	5	87	54	448
1994		32	33	32	82	25	89	20	5	1	58	61	122	558
1995		81	29	90	26	32	42	34	31	46	6	69	61	548
1996		32	73	34	34	81	1	0	56	86	19	120	142	677
1997														

TABLE D.7.6 MONTHLY PRECIPITATION AT RAIKOVO (CODE NO. 45040)  
CLIMATIC STATION IN THE ARDA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		92	103	131	70	31	105	47	72	42	20	69	64	845
1985		131	55	85	24	97	108	58	15	14	7	133	3	728
1986		97	195	23	49	72	140	69	76	5	33	23	59	840
1987		138	105	53	124	68	92	45	41	4	42	105	47	864
1988		5	133	111	40	79	113	22	8	20	15	155	111	812
1989		1	61	43	32	39	129	111	50	67	92	68	79	772
1990														
1991												78	27	
1992		9	22	66	125	103	92	105	9	4	45	44	46	669
1993		16	29	87	43	87	38	30	53	5	12	75	83	556
1994		67	41	24	73	43	67	207	13	47	58	45	121	805
1995		109	22	105	59	28	94	128	74	65	5	68	131	888
1996		56	168	58	72	42	41	16	115	55	28	128	160	938
1997														

TABLE D.7.7 MONTHLY PRECIPITATION AT DOSPAT (CODE NO. 45080)  
CLIMATIC STATION IN THE MESTA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984														
1985														
1986														
1987		88	92	45	87	67	73	74	60	49	56	105	55	850
1988		17	83	119	76	67								
1989		0	30	43	45	81	104	72	40	43	49	79	43	630
1990														
1991								116	109	22	30	96	29	
1992		8	23	54	106	71	155	31	19	20	41	97	61	685
1993		7	33	74	36	57	34	20	56	15	11			
1994														
1995														
1996		7	33	74	36	57	34	20	56	15	11			
1997														

TABLE D.7.8 MONTHLY PRECIPITATION AT BANSKO (CODE NO. 61040)  
CLIMATIC STATION IN THE MESTA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		56	78	71	24	46	36	12	68	35	0	23	41	487
1985		67	27	57	29	50	19	35	49	23	8	202	9	573
1986		113	170	31	32	114	49	25	4	5	32	14	20	606
1987		81	80	62	103	48	8	20	13	14	61	93	29	610
1988		13	68	63	40	35	73	7	4	10	6	122	69	508
1989														
1990			28	53	37	57	63	45	43	35	72	59	48	
1991								53	0	9	39	68	8	
1992			4	18	79	49	74	31	3	17	42	76	22	
1993		24	26	63	27	38	8		15	15	14	68	58	354
1994		60	43	17	65	43	35	54	12	3	82	35	71	517
1995		78	3	61	43	78	25	100	75	45	2	51	85	642
1996		53	102	52	54	34	15	49	29	131	15	71	112	642
1997														

TABLE D.7.9 MONTHLY PRECIPITATION AT BLAGOEVGRAD (CODE NO. 61010)  
CLIMATIC STATION IN THE STRUMA RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		47	53	68	12	35	11	16	35	21	6	26	28	358
1985		37	37	43	32	118	77	21	57	10	8	159	9	606
1986		55	106	24	13	35	56	31	12	19	25	2	13	391
1987		85	51	39	59	53	73	18	28	21	43	73	48	591
1988		7	56	36	49	58	115	10	0	20	10	101	26	487
1989		1	10	15	35	28	50	58	40	52	79	35	41	444
1990		4	16	12	90	34	39	8	34	10	53	20	187	508
1991		17	50	16	82	110	25	78	4		42	68		
1992		0	11	9	62	39	57	31	10	0	32	48	36	335
1993		9	22	43	22	13	7	26	7	14	26	39	54	282
1994		33	8	24	75	51	59	64	21	55	68	6	49	513
1995		44	13	53	39	67	30	56	67	76	5	66	124	639
1996		29	62	58	46	66	2	11	58	135	16	39	76	597
1997														

TABLE D.7.10 MONTHLY PRECIPITATION AT ISKAR RES. (CODE NO. 64250)  
CLIMATIC STATION IN THE ISKAR RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		23	31	101	46	55	40	34	70	31	5	31	20	485
1985		31	25	44	37	48	79	16	73	33	15	79	8	488
1986		79	75	26	56	85	87	112	10	14	40	7	35	625
1987		79	34	27	119	56	22	25	21	44	49			
1988														
1989														
1990		1	15	34	66	115	67	17	18	67	19	22	99	539
1991								132	20	36	33	59	31	
1992		7	9	33	80	51	114	61	38	4	27	47	18	488
1993		28	24	22	36	70	16	29	22	15	19	40	29	350
1994		11	25	30	61	44	86	59	20	6	44	22	29	436
1995		57	12	51	25	123	154	93	48	52	1	59	75	749
1996		18	76	39	13	57	27	27	60	140	17	12	49	535
1997														

TABLE D.7.11 MONTHLY PRECIPITATION AT C.M.S.(SOFIA) (CODE NO. 64201)  
CLIMATIC STATION IN THE ISKAR RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		17	22	58	42	46	51	43	102	15	1	20	17	434
1985		42	22	24	40	36	45	14	75	14	16	93	11	432
1986		79	46	23	26	37	63	104	56	14	29	5	19	501
1987		89	40	24	108	63	9	28	70	34	48	88	46	648
1988		2	43	45	53	53	90	12	6	36	27	92	40	499
1989		0	5	51	28	60	94	19	85	56	45	45	30	519
1990		8	21	26	76	58	67	32	22	45	19	13	99	486
1991		19	54	9	91	126	78	112	65	50	45	56	21	724
1992		8	13	29	86	68	105	30	28	14	40	44	10	475
1993		21	26	35	25	94	22	9	14	14	13	40	32	345
1994		20	15	19	81	56	110	50	16	11	60	22	22	481
1995		66	33	57	40	112	139	117	79	68	11	67	54	842
1996		24	65	42	22	61	23	26	95	137	26	32	52	606
1997														

TABLE D.7.12 MONTHLY PRECIPITATION AT MURGASH PEAK. (CODE NO. 64210)  
CLIMATIC STATION IN THE ISKAR RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		39	23	70	57	24	90	52	138	16	9	26	17	562
1985		29	18	25	46	39	66	43	137	7	15	59	12	495
1986		59	57	25	31	78	140	150	30	16	23	12	32	653
1987		72	35	40	115	100	66	47	65	29	51	98	77	792
1988		11	87	102	48	90	168	28	24	61	58	59	57	791
1989		13	6	90	45	112	156	24	71	28	79	69	34	727
1990		23	31	40	72	69	52	33	37	48	33	14	89	539
1991		39	69	18	135	133	117	206	100	28	57	31	84	1015
1992			76		75	79	201	69	39	6	26	34	25	
1993		24	17	56	31	247	67	26	43	44	7	45	24	628
1994		47	26	41	138	97	84	126	24	9	18	23		
1995		88	36		48	143	154	47	61	84	12	52	30	
1996		40	52	29	24	122	20	25	70	100	49	36	44	612
1997														

TABLE D.7.13 MONTHLY PRECIPITATION AT TETEVEN (CODE NO. 5030)  
CLIMATIC STATION IN THE ISKAR RIVER BASIN

Year	Month	Monthly Total Precipitation (mm)											Annual (mm)	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.		Dec.
1984		67	57	139	106	60	79	58	113	40	8	30	44	798
1985		35	46	38	86	80	142	49	109	34	25	66	11	719
1986		125	66	36	64	90	130	142	77	17	61	6	56	871
1987		139	47	37	124	107	114	83	92	22	62	118	95	1038
1988		12	125	174	95	113	231	86	11	98	77	118	44	1185
1989		7	13	99	66	126	221	20	77	35	136	84	65	947
1990														
1991							315	146	18	122	60	61		
1992		15	81	55	87	80	283	58	10	18	47	64	19	815
1993		27	29	63	77	187	52	27	40	41	19	59	49	668
1994		41	19	75	116	79	123	225	46	7	75	49	74	927
1995		59	69	96	95	161	257	92	63	64	10	99	104	1167
1996		41	76	51	72	171	44	51	60	168	60	55	73	920
1997														