

APPENDIX E - Water withdrawals within tajiistan

Source : Barki Tajik 2012

Long term							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	5	3	0.2	0.04	0.55	110	81.95
2	5	8	0.2	0.05	0.72	115	72.73
3	10	15	0.5	0.05	3.12	120	75.66
4	25	20	0.8	0.32	5.45	170	109.1
5	40	35	1	0.36	9.5	220	129.41
6	60	45	1.5	0.39	11.25	230	129.37
7	75	50	2	0.4	12.01	240	134.52
8	55	45	1.5	0.37	9.66	230	132.83
9	30	35	1	0.32	8.4	180	110.35
10	20	20	0.8	0.09	5.45	150	89.49
11	10	10	0.4	0.05	2.77	150	79.86
12	5	5	0.2	0.03	0.7	120	77.36

Average on 2005-2011							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	0.97	2.41		0.10	0.19	91.18	79.38
2	0.97	1.93		0.19	0.67	89.42	75.54
3	1.47	2.44		0.29	2.93	90.10	74.44
4	2.03	10.14		0.51	5.58	163.22	95.59
5	4.02	33.22		0.80	7.55	221.20	124.16
6	6.96	39.77		0.99	8.45	232.12	127.09
7	8.89	46.39		1.48	8.89	239.26	129.85
8	7.07	45.46		1.21	7.58	236.49	131.50
9	3.96	29.72		0.99	5.94	196.32	109.72
10	2.10	10.50		0.53	3.15	157.57	91.02
11	1.00	6.03		0.30	2.51	118.34	83.11
12	1.00	3.01		0.20	0.71	97.89	80.08
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2011							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	1.07	2.68		0.11	0.22	101.83	82.76
2	1.22	2.43		0.24	0.85	94.9	71.65
3	1.8	3		0.36	3.6	95.97	74.97
4	1.87	9.38		0.47	5.16	182.95	104.59
5	4.56	37.61		0.91	8.55	262.14	139.61
6	7.38	42.15		1.05	8.96	252.93	133.86
7	8.94	46.68		1.49	8.94	248.28	132.4
8	7.21	46.33		1.23	7.72	247.11	134.4
9	4.14	31.01		1.03	6.2	206.76	114.44
10	2.14	10.71		0.54	3.22	144.59	88.02
11	1.01	6.04		0.3	2.52	105.63	79.12
12	1.2	3.59		0.24	0.84	101.78	81.11

2010							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	1.19	2.99		0.12	0.24	113.44	85.41
2	1.44	2.89		0.29	1.01	112.5	75.81
3	2.19	3.65		0.44	4.38	116.64	78.89
4	1.71	8.55		0.43	4.71	166.77	98.4
5	3.26	26.9		0.65	6.11	187.51	109.22
6	6.16	35.2		0.88	7.48	211.18	116.08
7	8.27	43.2		1.38	8.27	229.8	123.98
8	6.55	42.08		1.12	7.01	224.43	124.98
9	3.96	29.7		0.99	5.94	198.02	110.75
10	2.57	12.86		0.64	3.86	173.58	97.71
11	1.33	7.97		0.4	3.32	139.47	88.37
12	1.4	4.21		0.28	0.99	119.24	85.71

2009							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	0.94	2.34		0.09	0.19	88.98	79.05
2	1.13	2.26		0.22	0.79	88.1	69.41
3	1.82	3.04		0.36	3.65	97.24	72.54
4	1.63	8.18		0.41	4.5	159.47	106.47
5	3.39	27.94		0.68	6.35	194.75	109.88
6	6.93	39.62		0.99	8.42	237.75	127.9
7	9.01	47.04		1.5	9.01	250.21	133.43
8	7.25	46.6		1.24	7.77	248.56	137.07
9	2.69	20.19		0.67	4.04	134.57	83.99
10	2.48	12.38		0.62	3.72	167.12	95.56
11	1.19	7.16		0.36	2.98	125.27	87.5
12	1.37	4.1		0.28	0.96	116.13	84.91

2008							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	0.75	1.89		0.08	0.15	71.66	67.99
2	0.9	1.8		0.18	0.63	70.1	69.3
3	1.53	2.54		0.3	3.05	81.35	72.48
4	1.96	9.8		0.49	5.39	191.07	108.2
5	4.5	37.11		0.9	8.43	258.62	135.79
6	7	40.02		1	8.5	240.14	127.33
7	8.67	45.29		1.45	8.67	240.9	126.54
8	6.71	43.12		1.15	7.19	229.99	126.52
9	3.84	28.8		0.96	5.76	192	104.69
10	2.25	11.25		0.56	3.38	151.85	87.27
11	1.32	7.93		0.4	3.31	138.83	85.78
12	1.24	3.73		0.25	0.88	105.67	82.14

2007							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	0.77	1.92		0.08	0.15	72.98	75.83
2	0.9	1.79		0.18	0.63	69.88	72.94
3	1.29	2.15		0.26	2.58	68.83	71.05
4	1.6	8.02		0.4	4.41	156.32	86.59
5	4.35	35.93		0.87	8.17	250.39	131.9
6	7.05	40.28		1.01	8.56	241.67	130.48
7	9.38	48.96		1.56	9.38	260.42	135.24
8	7.42	47.7		1.27	7.95	254.41	135.49
9	4.49	33.65		1.12	6.73	224.3	120.62
10	2.2	10.97		0.55	3.29	148.07	88.39
11	1.05	6.31		0.32	2.63	110.5	78.44
12	0.9	2.71		0.18	0.64	76.82	72.34

2006							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	0.98	2.46		0.1	0.2	93.41	80.76
2	1.11	2.22		0.22	0.78	86.69	84.31
3	1.58	2.64		0.32	3.17	84.43	76.41
4	3.89	19.47		0.98	10.71	379.67	89.57
5	4.37	36.09		0.87	8.2	251.5	131.09
6	7.16	40.91		1.02	8.69	245.44	128.02
7	8.9	46.46		1.48	8.9	247.14	127.02
8	7.03	45.18		1.2	7.53	240.96	130.53
9	3.9	29.24		0.97	5.85	194.93	108.37
10	2.87	14.33		0.72	4.3	193.52	94.63
11	1.1	6.63		0.33	2.76	116	79.94
12	0.88	2.65		0.18	0.62	75.09	71.89

2005							
Month	Rogun-Nurek	Nurek-Baipaza	Baipaza-Sangtuda1	Sangtuda1-Sangtuda2	Sangetuda 2 - Goluvnaya	Goluvnaya-Confluence	Return flow
1	1.05	2.61		0.11	0.21	99.22	83.88
2	0.03	0.05		0.01	0.02	2.12	85.35
3	0.04	0.07		0.01	0.08	2.23	74.72
4	1.51	7.56		0.38	4.16	147.46	75.32
5	3.75	30.94		0.75	7.03	215.64	111.63
6	7.03	40.18		1.09	8.54	241.06	125.98
7	9.02	47.12		1.5	9.02	250.63	130.47
8	7.34	47.2		1.26	7.87	251.75	131.47
9	4.73	35.47		1.18	7.09	236.49	125.2
10	0.21	1.03		0.05	0.31	13.97	85.58
11	0.03	0.15		0.01	0.06	2.7	82.64
12	0.02	0.07		0	0.02	2.02	82.45