

**JAPAN INTERNATIONAL COOPERATION AGENCY  
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA**

**THE STUDY  
ON  
INTEGRATED WATER RESOURCES DEVELOPMENT AND MANAGEMENT MASTER PLAN  
IN  
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA**

**WATER BALANCE STUDY**

**RESULTS OF WATER SUPPLY AND DEMAND FOR THE PERIOD 1961 – 1996  
BASED ON FUTURE DEMAND CONDITION (2015)**

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
VARDAR RIVER BASIN - BI-1

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	1.08	11.98	10.90	2.28	11.46	9.17	2.51	16.53	14.02	3.83	15.31	11.48	5.27	25.46	20.19	4.83	18.12	13.29	7.57	15.21	7.65	14.94	10.63	4.31	12.02	10.51	11.50	2.86	12.65	9.79	1.19	14.51	13.32	0.89	11.21	10.32			
1962	1.05	11.05	10.00	3.24	26.59	23.35	3.28	28.99	25.70	5.44	31.42	25.98	7.56	29.43	21.87	4.13	19.40	15.27	8.07	17.21	9.14	13.16	10.26	2.89	11.45	14.39	2.94	3.56	16.16	12.60	4.05	43.05	39.01	2.23	24.53	22.30			
1963	4.10	42.20	38.10	4.71	41.36	36.65	3.94	32.44	28.49	6.11	37.51	31.40	7.45	47.27	39.81	6.39	33.95	27.56	7.70	13.09	5.39	12.73	11.30	1.43	10.22	10.69	0.47	2.43	14.47	12.04	1.12	13.38	12.26	1.68	19.11	17.42			
1964	1.83	18.16	16.34	2.31	17.24	14.93	2.69	19.88	17.19	4.52	19.13	14.60	5.42	22.12	16.70	4.24	21.06	16.82	6.67	15.05	8.37	14.36	15.01	0.65	10.00	17.94	7.93	2.59	18.57	15.99	3.34	35.69	32.35	2.57	27.99	25.41			
1965	2.30	24.18	21.88	2.83	22.54	19.71	4.08	31.83	27.75	5.63	40.27	34.64	8.16	46.54	38.38	5.72	27.13	21.42	8.74	15.43	6.69	13.44	14.60	1.16	12.64	14.36	1.72	4.62	14.77	10.16	1.10	13.57	12.47	1.58	18.06	16.48			
1966	1.69	18.13	16.44	3.06	23.38	20.32	2.80	19.84	17.04	5.34	27.95	22.61	7.47	33.86	26.39	5.77	25.63	19.86	6.67	8.09	1.42	14.22	6.37	7.85	10.87	15.94	5.07	3.79	16.61	12.82	1.74	20.01	18.27	2.26	24.87	22.61			
1967	1.75	18.67	16.92	2.95	18.67	15.72	3.58	23.33	19.74	5.25	35.09	29.84	7.61	40.73	33.12	5.61	25.80	20.19	6.86	28.03	21.17	13.41	17.69	4.28	12.18	15.22	3.04	4.06	19.46	15.41	1.79	20.47	18.68	2.02	22.51	20.48			
1968	1.68	17.98	16.30	2.56	18.79	16.22	2.65	17.23	14.58	5.37	23.08	17.71	4.75	20.32	15.56	3.87	21.92	18.05	8.41	11.64	3.23	11.35	13.89	2.54	10.90	15.59	4.69	3.78	18.62	14.83	1.59	18.50	16.91	1.41	16.34	14.93			
1969	0.96	10.47	9.51	2.26	16.88	14.62	2.67	22.85	20.19	5.09	37.43	32.35	9.65	42.22	32.57	4.46	13.25	8.79	6.18	8.89	2.71	13.77	8.57	5.20	10.21	9.55	0.66	4.80	16.62	11.82	1.00	12.20	11.20	1.46	16.85	15.40			
1970	2.52	26.36	23.84	3.20	26.25	23.05	3.95	35.39	31.44	7.07	47.24	40.17	7.42	38.26	30.84	5.92	30.91	24.99	7.59	24.82	17.24	14.37	6.96	7.41	11.43	15.73	4.31	2.68	17.00	14.32	1.65	19.08	17.43	1.80	19.96	18.16			
1971	2.56	26.77	24.21	2.84	22.64	19.80	3.16	27.84	24.68	6.79	39.96	33.17	7.88	41.55	33.67	5.92	27.34	21.42	5.78	17.41	11.63	13.95	16.68	2.73	10.41	17.91	7.51	3.04	14.31	11.27	1.10	13.54	12.44	1.06	12.91	11.84			
1972	1.12	12.36	11.25	2.63	20.54	17.91	3.31	23.44	20.13	5.18	30.33	25.15	5.56	22.92	17.36	4.31	11.02	6.71	6.65	7.59	0.94	11.35	6.19	5.16	8.47	17.99	9.52	3.02	23.08	20.06	1.91	21.04	19.12	1.41	15.48	14.06			
1973	1.07	11.88	10.81	2.89	23.08	20.19	2.59	21.98	19.39	5.55	32.67	27.12	8.60	45.96	37.35	4.53	13.84	9.31	5.48	11.23	5.75	11.36	13.18	1.82	13.50	20.03	6.53	5.20	20.57	15.38	1.47	15.60	14.13	2.11	22.11	20.00			
1974	2.74	28.56	25.82	4.21	34.99	30.79	3.92	31.23	27.31	5.10	27.84	22.74	6.88	43.85	36.97	5.77	31.33	25.56	8.56	11.97	3.41	13.27	12.08	1.19	12.10	23.19	11.09	3.91	27.22	23.31	2.50	26.89	24.40	2.19	23.51	21.32			
1975	1.75	18.02	16.27	2.32	16.01	13.68	1.93	12.38	10.45	4.23	24.07	19.84	5.56	29.10	23.54	4.25	22.77	18.53	7.12	10.60	3.49	11.42	5.82	5.60	11.33	12.19	0.86	3.10	21.82	18.72	2.07	23.21	21.14	1.92	20.86	18.94			
1976	1.92	19.76	17.83	2.74	18.04	15.30	2.17	14.46	12.29	4.65	21.91	17.26	5.06	28.14	23.08	4.86	29.77	24.91	6.27	15.77	9.50	13.18	10.76	2.41	11.35	13.73	2.38	3.55	18.16	14.61	3.35	34.41	31.05	3.51	36.15	32.64			
1977	2.34	24.62	22.28	4.27	33.94	29.67	4.00	30.35	26.35	5.61	28.93	23.32	5.67	17.93	12.26	3.91	14.81	10.90	6.84	8.05	1.21	12.72	8.64	4.08	10.24	10.98	0.74	3.08	8.02	4.94	1.37	16.24	14.87	2.24	24.63	22.39			
1978	2.35	24.65	22.31	2.88	22.89	20.02	2.75	23.43	20.69	4.45	27.41	22.95	6.92	43.15	36.23	4.83	18.16	13.33	7.27	7.19	0.08	13.71	7.87	8.85	8.45	18.18	9.72	4.75	22.77	18.01	2.83	29.24	26.41	2.56	26.65	24.09			
1979	2.85	29.70	26.85	4.17	32.83	28.67	3.22	20.67	17.45	4.66	21.82	17.17	5.80	38.43	32.63	4.73	19.47	14.73	7.11	10.12	3.01	11.75	14.56	2.81	11.88	19.02	7.14	2.82	20.13	17.31	3.86	41.20	37.34	2.23	24.56	22.33			
1980	3.20	33.20	30.00	3.92	29.75	25.83	3.31	29.09	25.78	5.68	23.61	17.92	4.53	26.45	21.92	5.19	19.70	14.50	8.03	8.34	0.32	14.38	11.46	2.91	11.89	14.72	2.82	3.66	23.00	19.34	2.70	29.59	26.89	2.98	32.11	29.12			
1981	2.16	22.77	20.61	2.55	19.43	16.88	4.93	39.79	34.86	6.76	37.27	30.51	5.90	25.66	19.75	5.12	20.59	15.47	7.06	12.80	5.75	12.35	15.21	2.86	10.13	24.32	14.19	4.20	28.94	24.74	3.64	38.96	35.32	3.79	40.14	36.35			
1982	3.33	33.48	30.15	3.11	22.95	19.83	2.78	22.40	19.61	6.16	37.71	31.55	6.11	30.84	24.73	6.07	28.00	21.93	7.20	15.89	8.69	14.05	17.48	3.44	11.18	12.60	1.42	2.83	14.91	12.07	0.94	11.34	10.40	1.44	16.68	15.24			
1983	1.85	19.45	17.59	2.49	16.85	14.36	2.40	15.06	12.66	5.66	18.29	12.63	4.89	14.98	10.09	3.36	15.40	12.04	6.23	15.69	9.46	13.93	16.66	2.72	11.50	21.17	9.67	4.17	17.64	13.47	1.67	19.29	17.62	1.72	19.48	17.76			
1984	1.91	20.31	18.40	2.69	21.12	18.43	2.98	24.95	21.97	5.39	37.06	31.67	8.64	49.75	41.11	4.75	18.80	14.05	7.30	6.61	0.69	11.28	8.73	2.55	9.95	11.95	2.00	3.39	10.35	6.96	1.43	16.53	15.10	1.45	16.47	15.02			
1985	2.17	22.95	20.78	3.68	27.93	24.25	2.93	21.83	18.90	5.85	30.56	24.71	6.57	30.24	23.68	4.11	9.77	5.66	7.44	4.56	2.88	14.34	6.09	8.25	12.40	14.33	1.93	4.14	15.42	11.28	1.92	21.75	19.83	1.64	18.42	16.77			
1986	1.64	17.58	15.94	4.29	30.17	25.87	3.94	28.81	24.87	6.88	33.84	26.96	6.88	36.49	29.61	4.18	23.02	18.84	6.54	21.12	14.58	14.31	17.36	3.05	11.86	17.63	5.77	4.59	18.91	14.32	1.54	16.98	15.45	1.64	18.33	16.70			
1987	1.66	17.81	16.15	3.24	26.56	23.32	2.98	23.07	20.08	5.40	28.70	23.31	5.25	26.82	21.57	4.09	20.11	16.03	8.43	10.60	2.17	12.82	10.76	2.06	11.21	11.99	0.78	2.29	10.50	8.21	0.75	10.00	9.26	0.92	10.82	9.90			
1988	1.22	12.39	11.18	2.21	14.08	11.87	1.98	14.18	12.20	4.54	13.72	9.19	6.73	17.46	10.73	4.29	12.72	8.43	7.91	7.25	0.66	14.18	6.08	5.10	11.00	7.03	3.97	2.69	7.44	4.75	0.84	10.98	10.14	1.41	16.37	14.96			
1989	1.03	9.76	8.73	1.93	10.22	8.29	3.24	18.24	15.00	5.83	19.51	13.68	5.63	23.52	17.89	3.96	21.44	17.49	5.79	17.55	11.77	13.48	12.33	1.15	11.43	11.38	0.06	2.82	16.08	13.26	1.13	13.23	12.10	1.19	13.88	12.68			
1990	1.51	13.97	12.46	1.97	9.54	7.57	2.89	14.19	11.31	2.95	11.60	8.65	5.48	14.82	9.34	4.02	8.09	4.07	6.48	3.07	3.41	13.26	2.81	10.45	10.88	3.75	7.13	3.62	7.55	3.93	0.44	7.02	6.57	0.32	5.19	4.87			
1991	0.79	6.88	6.09	1.84	8.29	6.46	2.75	13.05	10.30	3.42	16.54	13.12	6.52	25.49	18.97	4.99	17.86	12.87	6.85	8.03	1.18	13.59	6.13	7.46	11.02	5.82	5.20	3.82	9.49	5.66	1.04	12.97	11.93	1.12	13.18	12.05			
1992	1.42	14.07	12.65	2.65	16.29	13.65	3.22	16.08	12.87	3.96	17.96	14.00	7.15	18.88	11.74	4.20	16.21	12.01	8.49	10.66	2.17	14.46	5.29	9.17	11.95	7.87	4.08	1.78	9.53	7.76	1.28	14.41	13.12	1.27	14.38	13.11			
1993	1.42	13.69	12.27	2.12	13.40	11.28	2.13	12.78	10.65	4.18	17.13	12.96	6.08	14.02	7.94	3.46	8.38	4.92	7.72	5.52	2.20	12.38	4.36	4.03	10.26	5.08	5.1												

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

VARDAR RIVER BASIN - B1-2

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	5.08	50.26	45.19	5.56	49.27	43.72	10.39	63.71	53.32	17.52	60.51	42.99	14.89	92.29	77.40	9.42	49.12	39.70	12.09	28.07	15.98	16.62	22.42	5.80	15.42	23.98	8.56	6.51	23.31	16.80	3.99	42.45	38.46	3.15	37.06	33.90	312,677	1,406,038	1,093,361
1962	1.48	21.46	19.99	1.37	16.32	14.95	17.59	122.45	104.86	21.71	121.15	99.44	16.44	63.81	47.37	6.60	35.44	28.84	9.65	9.27	30.38	13.55	10.33	3.22	12.43	8.32	4.11	5.47	20.49	15.02	20.72	125.29	104.57	16.03	97.91	81.88	370,782	1,690,629	1,319,847
1963	29.01	188.88	159.87	28.97	186.51	157.54	25.34	147.06	121.72	26.59	149.19	122.60	25.68	135.31	109.63	19.19	103.77	84.57	12.94	41.14	28.20	16.30	22.90	6.60	14.55	26.96	12.42	6.84	41.06	34.22	5.07	41.75	36.68	11.07	78.22	67.16	574,247	3,013,872	2,439,625
1964	4.53	36.80	32.27	4.10	33.11	29.02	8.60	54.60	46.00	10.97	55.73	44.76	12.41	65.82	53.41	10.76	52.50	41.74	8.79	26.03	17.24	13.76	15.14	1.38	8.89	20.95	12.06	3.59	33.06	29.47	7.91	59.42	51.51	7.22	55.68	48.46	263,166	1,318,955	1,055,789
1965	5.69	44.27	38.59	4.17	36.76	32.59	14.05	81.99	67.94	17.59	90.95	73.36	20.92	114.82	93.90	13.63	72.64	59.01	8.61	22.24	13.62	10.60	17.18	6.58	15.00	14.07	0.93	7.22	12.93	5.71	1.32	19.72	18.40	4.83	38.38	33.55	320,435	1,466,910	1,146,475
1966	7.51	55.53	48.02	12.76	83.35	70.60	8.44	57.34	48.90	14.57	70.79	56.22	17.00	74.13	57.13	11.24	58.94	47.69	11.63	19.24	7.60	15.07	11.02	4.05	11.41	10.80	0.61	3.73	13.61	9.89	3.90	33.95	30.05	8.79	61.78	52.99	326,716	1,426,839	1,100,123
1967	5.51	45.15	39.64	4.40	34.07	29.67	9.19	58.07	48.88	14.16	76.89	62.73	17.04	85.01	67.97	7.69	42.93	35.24	4.96	25.57	20.61	13.94	16.63	2.68	11.90	15.96	4.06	5.71	15.28	9.56	0.72	15.05	14.33	1.53	17.53	15.99	250,824	1,161,539	910,715
1968	2.35	21.80	19.45	5.50	39.39	33.89	5.75	32.98	27.22	10.59	40.61	30.02	7.41	36.13	28.72	7.94	49.15	41.21	11.14	9.25	1.89	9.10	7.62	1.48	13.14	13.73	0.59	6.67	19.15	12.48	1.74	25.20	23.46	2.84	33.10	30.27	218,150	850,421	632,271
1969	2.97	35.42	32.45	7.90	66.83	58.93	13.47	91.68	78.21	18.99	103.74	84.75	23.33	93.50	70.17	9.03	42.52	33.48	11.38	26.84	15.46	13.39	22.12	8.73	14.93	22.44	7.51	6.96	11.48	4.52	0.72	14.10	13.38	4.55	34.77	30.22	330,820	1,465,608	1,134,788
1970	10.82	76.24	65.41	9.45	70.64	61.19	15.13	90.46	75.33	21.66	110.35	88.69	13.98	71.13	57.15	9.84	51.09	41.25	9.08	42.30	33.22	15.19	11.60	3.59	13.54	14.52	0.99	0.94	16.94	16.00	1.17	18.12	16.95	1.89	23.27	21.38	318,030	1,546,573	1,228,543
1971	10.69	84.68	73.98	5.29	52.20	46.91	10.23	83.05	72.82	18.37	94.59	76.22	15.15	79.21	64.07	9.68	47.13	37.45	5.05	8.31	3.27	12.07	4.69	7.38	10.23	24.59	14.36	7.53	24.99	17.45	1.78	22.28	20.50	1.53	21.78	20.25	278,892	1,419,108	1,140,216
1972	1.28	19.28	18.00	3.86	33.73	29.87	8.34	48.13	39.79	10.92	59.42	48.50	11.17	42.02	30.86	6.82	20.36	13.54	5.58	21.16	15.58	9.96	11.38	1.42	6.73	18.82	12.09	4.75	41.35	36.60	5.35	45.53	40.18	3.83	34.02	30.19	203,690	1,024,369	820,678
1973	2.47	27.39	24.92	5.38	41.61	36.23	6.65	52.41	45.76	15.64	88.86	73.23	19.33	79.66	60.32	8.93	28.67	19.73	7.33	19.91	12.59	10.78	16.28	5.50	19.52	40.67	21.15	10.07	34.25	24.18	4.67	43.06	38.39	8.31	62.37	54.05	308,667	1,387,056	1,078,389
1974	7.39	62.08	54.69	9.05	66.92	57.87	10.35	64.92	54.56	12.84	70.30	57.45	15.98	95.29	79.31	9.05	58.94	49.89	12.69	27.46	14.77	14.68	14.81	0.13	10.20	14.79	4.60	5.01	25.18	20.17	4.52	38.67	34.15	3.24	31.61	28.37	298,098	1,479,951	1,181,853
1975	2.65	29.60	26.95	2.20	25.00	22.80	5.39	41.63	36.24	14.87	71.90	57.03	12.35	62.21	49.86	5.56	43.24	37.68	7.21	20.78	13.58	11.34	10.82	0.53	12.98	10.39	2.59	3.76	21.32	17.56	2.34	26.88	24.54	3.12	30.19	27.06	217,136	1,021,143	804,006
1976	2.33	26.17	23.83	3.52	30.29	26.76	5.81	31.56	25.75	11.27	53.97	42.71	11.45	65.15	53.70	11.68	70.98	59.30	6.77	37.22	30.45	13.38	24.61	11.23	15.21	21.32	6.12	6.44	30.56	24.12	8.35	65.77	57.42	13.11	88.64	75.53	283,380	1,415,890	1,132,510
1977	5.41	46.75	41.34	14.41	98.95	84.54	8.67	57.86	49.20	11.34	49.24	37.90	9.67	34.06	24.39	5.24	24.70	19.46	7.92	11.15	3.23	10.97	8.97	2.00	13.49	9.46	4.03	5.93	12.22	6.29	1.86	21.40	19.54	2.62	27.43	24.81	252,820	1,042,516	789,697
1978	2.08	26.33	24.25	6.96	49.98	43.02	9.97	62.31	52.34	16.79	93.54	76.74	22.45	119.15	96.69	11.62	49.87	38.24	10.80	16.24	5.44	14.34	11.09	3.26	9.15	24.73	15.58	6.34	16.97	10.63	1.77	22.93	21.16	3.89	39.51	35.62	301,156	1,380,606	1,079,449
1979	8.34	57.17	48.83	11.73	75.89	64.16	8.41	52.53	44.12	13.23	70.15	56.92	17.59	92.84	75.25	8.63	41.57	32.95	8.73	16.11	7.38	8.67	18.45	9.78	13.40	20.86	7.46	4.68	16.30	11.62	12.52	81.76	69.25	5.97	48.66	42.69	315,938	1,535,240	1,219,302
1980	7.83	62.71	54.88	9.12	67.96	58.84	9.06	56.94	47.88	12.22	52.91	40.69	21.22	122.14	100.92	14.88	78.03	63.15	11.90	26.89	14.99	12.99	15.13	2.14	11.14	11.00	0.14	5.41	23.78	18.37	4.26	35.87	31.62	7.15	55.59	48.44	329,630	1,578,404	1,248,775
1981	3.65	35.75	32.11	5.45	46.73	41.28	17.41	108.97	91.56	16.38	88.66	72.28	15.76	54.36	38.59	7.60	32.37	24.77	7.83	17.90	10.07	11.19	15.56	4.37	8.01	21.56	13.56	7.73	39.80	32.07	4.81	43.72	38.91	13.62	100.48	86.86	309,612	1,570,418	1,260,806
1982	8.63	63.64	55.02	4.13	35.00	30.87	8.54	60.19	51.65	13.57	90.11	76.54	13.79	65.23	51.43	9.10	34.97	25.87	8.55	13.73	5.17	13.69	11.98	1.72	14.61	15.15	0.53	5.24	12.54	7.30	1.49	20.14	18.65	4.02	32.70	28.68	273,133	1,180,315	907,182
1983	1.69	21.48	19.78	4.47	34.57	30.10	6.26	40.53	34.27	10.31	42.99	32.69	7.25	29.57	22.32	6.57	50.81	44.24	9.07	45.63	36.56	12.65	15.43	2.78	9.16	15.76	6.60	5.93	12.48	6.54	1.47	18.86	17.39	4.33	35.69	31.36	205,212	942,964	737,752
1984	6.07	45.71	39.64	7.04	51.60	44.56	10.37	72.09	61.72	18.69	102.91	84.22	25.24	115.62	90.38	8.85	38.62	29.77	10.52	18.90	8.38	9.96	17.11	7.15	11.56	16.55	4.99	6.72	14.87	8.15	1.82	22.07	20.25	1.89	20.34	18.45	307,735	1,390,346	1,082,611
1985	3.86	34.19	30.33	5.39	36.60	31.21	8.36	55.31	46.95	14.86	70.77	55.91	12.86	70.55	57.69	7.67	30.94	23.27	10.76	12.84	2.08	13.07	9.21	3.86	13.84	9.88	3.97	5.52	11.21	5.69	6.05	43.93	37.88	3.93	32.41	28.48	275,208	1,083,050	807,842
1986	7.03	52.93	45.90	19.25	113.05	93.80	18.62	108.29	89.66	17.31	83.75	66.44	17.06	86.81	69.75	12.24	63.12	50.88	9.01	42.03	33.02	14.99	21.45	6.46	14.43	14.02	0.41	6.63	18.27	11.64	1.03	16.11	15.07	0.84	15.23	14.39	358,860	1,646,050	1,287,189
1987	3.07	29.89	26.82	7.87	60.40	52.53	6.61	53.67	47.06	16.02	93.02	77.00	17.02	78.69	61.67	9.42	41.52	32.10	11.76	19.06	7.29	10.48	9.62	0.86	12.66	10.41	2.24	1.67	11.39	9.72	0.92	15.24	14.32	2.28	24.01	21.74	258,620	1,158,429	899,809
1988	1.09	18.35	17.26	1.94	21.88	19.94	4.52	32.94	28.43	10.27	41.52	31.26	11.15	36.21	25.06	5.50	23.51	18.00	8.76	7.82	0.94	13.51	1.93	11.57	12.91	3.44	9.47	4.13	5.16	1.03	0.45	13.86	13.41	2.67	24.55	21.89	199,333	599,258	399,925
1989	1.23	16.27	15.04	1.61	18.27	16.66	7.58	48.00	40.42	6.88	40.48	33.60	13.31	64.56	51.25	4.98	45.28	40.30	8.88	31.40	22.52	13.24	23.42	10.18	15.21	18.06	2.85	6.43	30.67	24.24	2.15	23.64	21.49	2.71	28.88	26.17	218,293	1,008,116	789,

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
VARDAR RIVER BASIN - B1-3

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	2.83	5.92	3.09	4.64	5.27	0.63	7.57	10.09	2.52	12.53	2.89	9.65	15.76	30.02	14.25	13.69	18.59	4.90	21.54	9.52	12.02	29.86	7.03	22.85	27.09	7.52	19.57	11.57	8.02	3.55	3.29	11.80	8.51	2.25	3.38	1.12	395,654	311,170	84,485
1962	2.81	10.54	7.73	3.88	12.89	9.00	15.01	71.86	56.86	20.40	73.70	53.30	20.29	31.65	11.36	10.30	20.17	9.87	20.36	10.14	10.22	25.98	2.44	23.54	23.98	2.56	21.42	8.03	5.63	2.41	9.38	62.36	52.98	7.49	41.40	33.92	435,185	895,122	459,937
1963	12.28	70.81	58.53	20.17	131.24	111.07	12.65	56.57	43.92	19.18	63.80	44.62	17.02	39.04	22.02	15.90	27.72	11.82	17.87	1.43	16.44	27.88	5.93	21.95	24.08	8.58	15.51	6.40	14.62	8.25	3.34	14.49	11.15	2.05	7.19	5.14	463,526	1,144,170	680,644
1964	2.61	7.71	5.10	4.40	9.87	5.47	8.06	18.04	9.97	11.83	16.90	5.07	14.94	21.50	6.57	15.58	20.87	5.29	14.44	8.06	6.58	25.14	4.09	21.05	15.53	7.95	7.59	3.28	8.62	5.34	4.54	20.70	16.16	4.29	19.69	15.40	323,088	425,125	102,037
1965	7.32	41.27	33.94	4.24	20.32	16.08	13.11	51.64	38.54	17.09	51.28	34.20	18.90	62.26	43.37	14.03	20.43	6.40	14.73	6.61	8.12	18.39	2.70	15.68	27.04	2.23	24.81	13.42	3.11	10.31	1.01	3.68	2.67	2.16	9.25	7.10	392,514	712,269	319,755
1966	6.47	28.31	21.84	10.63	49.07	38.43	6.44	21.49	15.05	14.78	27.10	12.32	18.37	21.24	2.87	14.36	28.73	14.37	21.79	7.31	14.49	29.64	5.18	24.46	21.98	3.64	18.34	7.10	2.78	4.31	2.12	8.90	6.78	2.91	10.35	7.44	405,860	554,932	149,072
1967	4.09	15.62	11.53	5.27	13.48	8.20	8.11	21.38	13.28	12.49	25.43	12.93	15.33	24.75	9.42	10.17	10.02	10.16	8.98	16.49	7.51	25.53	5.05	20.48	21.69	4.07	17.62	10.89	3.00	7.89	1.38	5.52	4.15	2.06	8.91	6.85	326,609	398,459	71,850
1968	2.79	12.05	9.26	5.01	20.36	15.35	7.50	15.06	7.56	12.37	10.26	2.10	8.37	7.22	1.14	7.39	13.63	6.24	22.49	8.32	14.17	18.93	4.58	14.35	24.67	4.24	20.42	11.25	1.11	10.14	1.54	5.91	4.37	2.20	10.05	7.84	322,678	292,353	30,326
1969	3.48	16.68	13.21	7.97	37.82	29.85	10.19	47.16	36.97	15.51	38.39	22.88	22.40	23.08	0.68	12.34	7.83	4.50	20.16	5.62	14.55	24.17	5.26	18.90	26.50	5.00	21.49	13.52	4.63	8.89	1.90	3.99	2.09	3.18	18.35	15.17	418,135	554,225	136,090
1970	5.16	20.30	15.14	5.71	20.23	14.53	12.13	41.35	29.22	14.12	18.90	4.78	14.80	20.18	5.38	12.53	15.52	2.99	13.67	13.96	2.99	28.87	4.00	24.37	24.81	5.71	19.10	2.13	5.07	2.94	1.95	3.60	1.65	2.70	10.60	7.90	359,158	465,039	105,881
1971	4.85	23.74	18.89	4.09	21.15	17.06	7.40	33.37	25.97	18.02	41.42	23.40	12.27	8.24	4.03	12.31	10.18	2.12	11.61	8.17	3.44	24.78	5.29	19.49	18.44	11.81	6.63	12.02	7.47	4.54	2.58	10.21	7.63	2.77	17.47	14.70	339,867	514,555	174,688
1972	2.48	13.64	11.15	3.88	21.80	17.91	8.36	24.08	15.72	9.78	29.61	19.83	16.13	20.61	4.48	12.89	6.20	6.69	9.93	6.10	3.84	19.95	5.64	14.31	12.45	17.05	4.60	7.59	39.59	32.00	3.81	16.21	12.40	2.95	12.13	9.18	285,676	551,199	265,523
1973	2.25	8.49	6.24	5.22	25.66	20.45	7.41	34.30	26.89	15.16	50.83	35.67	21.71	30.94	9.23	15.29	12.18	3.12	14.65	13.94	0.71	20.38	8.50	11.88	29.69	11.86	17.83	14.43	8.27	6.16	3.30	10.27	6.97	4.97	25.97	21.00	400,349	625,205	224,856
1974	4.07	18.45	14.39	9.04	48.96	39.92	9.22	24.71	15.48	11.24	19.01	7.77	12.75	46.61	33.86	11.05	34.66	23.60	22.33	11.39	10.94	27.41	2.72	24.69	17.60	2.07	15.53	6.52	7.19	0.67	2.47	7.88	5.41	1.87	9.54	7.67	351,406	604,425	253,019
1975	3.43	16.40	12.97	3.71	7.67	3.96	7.51	24.88	17.37	14.34	12.84	1.51	14.45	33.24	18.79	8.63	27.16	18.53	14.83	12.17	2.66	22.40	5.94	16.46	24.96	4.28	20.68	6.69	14.24	7.55	3.24	15.66	12.42	3.97	23.86	19.90	332,192	514,083	181,891
1976	3.34	17.20	13.86	4.42	14.56	10.13	7.64	15.42	7.79	13.57	15.17	1.60	10.91	19.89	8.98	12.63	24.57	11.93	10.13	14.92	4.79	25.32	15.38	9.94	27.13	8.87	18.26	12.22	19.69	7.47	8.73	42.90	34.17	9.80	57.53	47.73	378,009	689,707	311,698
1977	4.83	27.10	22.27	11.58	61.17	49.59	10.71	37.64	26.92	16.13	28.89	12.76	15.35	14.46	0.89	9.39	4.35	5.04	16.80	5.24	11.57	22.04	3.82	18.22	26.94	6.35	20.59	11.57	8.50	3.07	1.94	5.44	3.50	1.29	2.23	0.95	385,121	531,869	146,748
1978	1.80	4.06	2.26	4.74	17.70	12.96	7.68	26.46	18.78	13.90	40.92	27.02	17.01	39.65	22.64	15.58	15.92	0.34	19.97	3.99	15.98	27.15	2.29	24.86	15.82	6.11	9.71	11.49	4.94	6.56	2.08	5.46	3.38	3.22	18.10	14.88	364,010	481,076	117,066
1979	4.31	20.78	16.47	7.05	25.30	18.24	6.39	13.91	7.52	11.21	15.17	3.96	12.81	9.08	3.73	10.03	6.55	3.48	16.12	5.35	10.76	16.83	2.37	14.47	23.70	5.92	17.78	9.49	7.55	1.95	6.93	48.61	41.68	3.31	20.77	17.46	332,259	470,059	137,800
1980	4.22	19.62	15.40	5.97	21.21	15.23	8.67	32.00	23.33	14.59	27.37	12.79	18.90	65.67	46.77	15.46	23.90	8.44	19.50	3.98	15.52	23.38	1.73	21.65	20.64	1.45	19.19	9.06	14.42	5.36	2.96	14.68	11.72	3.79	19.76	15.96	381,389	637,111	255,722
1981	2.64	12.18	9.55	6.37	33.12	26.75	13.05	60.78	47.74	11.74	24.20	12.46	19.57	15.32	4.25	11.44	10.29	1.14	14.48	6.08	8.40	21.85	5.83	16.02	14.61	14.17	0.44	9.60	15.11	5.51	4.70	24.88	20.18	10.19	56.54	46.35	363,496	721,883	358,388
1982	5.65	24.08	18.43	5.28	21.34	16.06	9.78	36.88	27.10	12.69	53.75	41.06	19.12	46.65	27.53	14.30	10.24	4.06	17.07	6.60	10.47	27.02	4.23	22.79	27.29	4.60	22.69	11.03	6.92	4.11	2.45	9.86	7.41	2.54	15.34	12.80	399,746	623,363	223,617
1983	2.69	13.88	11.18	4.56	16.67	12.12	6.00	10.11	4.11	12.51	13.40	0.89	10.37	5.67	4.71	7.87	26.01	18.14	14.31	29.46	15.15	23.88	5.16	18.72	18.05	10.21	7.84	12.46	12.45	0.00	1.86	8.37	6.51	4.04	19.15	15.10	307,443	442,011	134,568
1984	2.27	11.02	8.75	7.80	41.67	33.87	9.38	39.41	30.03	16.01	47.72	31.72	21.93	41.57	19.63	12.43	8.44	3.99	19.13	1.20	17.92	18.53	3.17	15.36	20.50	3.40	17.11	12.30	5.57	6.73	1.52	3.68	2.16	1.33	4.99	3.66	371,006	549,082	178,076
1985	2.70	10.76	8.07	4.92	16.33	11.41	9.31	34.09	24.78	13.62	19.96	6.34	11.44	17.40	5.96	12.29	8.88	3.41	21.62	6.54	15.06	25.37	4.54	20.83	26.92	6.70	20.22	11.14	3.37	7.78	3.21	18.76	15.55	2.12	8.53	6.41	374,987	403,976	28,989
1986	2.86	14.74	11.88	11.98	58.60	46.62	10.84	41.38	30.54	13.17	32.45	19.28	13.20	22.11	8.90	12.43	11.32	1.11	11.25	6.90	4.55	25.37	2.28	23.08	26.09	4.06	22.03	11.59	6.24	5.34	1.76	7.37	5.61	1.29	6.35	5.06	367,643	554,188	186,546
1987	1.64	6.20	4.56	4.51	16.18	11.67	4.96	15.40	10.44	15.51	45.10	29.59	17.89	22.34	4.45	13.33	10.94	2.39	21.68	3.66	18.02	20.15	2.61	17.54	24.10	1.66	22.44	4.84	7.51	2.67	2.55	11.84	9.29	2.03	10.29	8.26	345,202	398,460	53,258
1988	1.88	4.67	2.79	2.87	4.46	1.59	6.05	14.34	8.29	14.08	20.88	6.80	15.38	9.16	6.22	10.87	5.77	5.10	18.64	2.42	16.22	27.55	2.63	24.92	26.60	2.37	24.23	10.45	4.65	5.80	1.50	7.47	5.97	1.79	7.88	6.09	356,766	224,706	132,060
1989	2.14	5.69	3.56	3.04	5.90	2.86	7.41	18.14	10.73	8.39	17.53	9.14	20.55	53.21	32.66	8.12	34.79	26.66	15.92	17.23	1.31	22.27	6.13	16.14	27.12	4.67	22.46	10.50	17.80	7.30	3.20	15.33	12.13	2.56	14.10	11.54	340,140	545,665	205,525
1990	2.73	10.33	7.60	4.16	9.15	4.99	7.22	10.46	3.24	9.83	21.56	11.73	16.81	11.96	4.85	12.98	7.38	5.60	20.05	4.89	15.16	23.63	3.49	20.14	27.64	3.24	24.40	9.37	3.07	6.30	1.44	5.58							

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
VARDAR RIVER BASIN - B1-4

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	9.28	56.75	47.47	13.50	47.24	33.74	18.13	53.29	35.16	38.78	19.14	19.63	31.97	34.61	2.63	32.98	12.45	20.53	53.34	3.53	49.81	75.34	5.92	69.42	67.45	3.98	63.47	22.13	1.02	21.11	5.39	26.17	20.79	4.69	22.76	18.06	966,771	743,528	223,243
1962	6.13	31.36	25.24	13.50	64.10	50.60	57.54	365.31	307.77	57.76	190.63	132.87	55.06	62.43	7.37	26.08	16.06	10.02	51.28	3.77	47.50	68.12	4.29	63.83	60.63	2.67	57.96	16.61	3.17	13.44	44.11	272.83	228.72	35.67	207.68	172.00	1,276,524	3,173,391	1,896,867
1963	65.75	372.67	306.92	103.71	609.69	505.98	55.07	256.03	200.97	79.98	305.37	225.39	62.13	203.96	141.83	55.30	161.83	106.53	47.21	21.09	26.12	69.18	4.33	64.85	56.69	8.99	47.70	14.00	25.93	11.94	6.48	29.46	22.98	18.36	100.76	82.40	1,642,909	5,443,506	3,800,597
1964	7.18	34.43	27.25	11.54	43.00	31.45	22.14	86.91	64.77	39.15	59.19	20.03	35.08	66.13	31.05	39.98	53.01	13.03	40.75	26.41	14.34	62.11	12.42	49.68	40.95	21.31	19.63	10.32	29.41	19.09	18.87	87.04	68.17	15.90	81.54	65.64	891,586	1,557,272	665,686
1965	19.22	100.28	81.06	12.94	71.40	58.46	44.72	189.65	144.93	57.99	156.10	98.11	52.38	129.95	77.57	36.38	20.24	16.14	42.78	4.19	38.58	51.81	1.91	49.90	69.45	4.11	65.34	29.86	5.48	24.37	1.93	10.11	8.18	6.76	34.01	27.25	1,104,746	1,885,505	780,759
1966	22.53	106.13	83.60	30.43	133.91	103.47	17.64	63.25	45.60	44.11	59.16	15.04	52.50	65.41	12.91	37.32	51.22	13.90	53.02	13.15	39.87	71.48	2.92	68.55	56.35	9.25	47.09	16.23	7.04	9.19	4.57	14.64	10.08	22.29	119.13	96.84	1,110,598	1,672,386	561,787
1967	14.48	65.34	50.86	15.19	50.24	35.05	24.93	95.79	70.85	43.60	95.66	52.06	47.73	113.04	65.32	30.40	31.16	0.76	25.79	31.36	5.57	65.03	3.14	61.89	54.87	9.66	45.22	22.03	0.89	21.13	2.41	6.70	4.29	7.12	36.53	29.41	916,448	1,398,371	481,923
1968	8.72	41.49	32.77	29.38	129.81	100.43	20.15	56.99	36.84	39.81	13.12	26.69	23.51	2.07	21.44	23.46	17.71	5.75	58.25	10.72	47.53	48.66	1.63	47.03	59.07	1.52	57.56	24.97	1.27	23.70	2.40	8.54	6.14	3.15	9.64	6.49	885,316	763,400	121,916
1969	12.73	59.31	46.58	22.05	100.18	78.12	30.78	134.29	103.51	47.33	98.93	51.60	64.98	80.55	15.58	34.33	10.92	23.40	51.46	14.95	36.51	62.64	19.99	42.64	66.70	27.21	39.48	32.92	24.00	8.92	2.90	1.40	1.48	5.77	18.32	12.55	1,126,443	1,529,467	403,024
1970	12.23	47.21	34.98	13.47	60.76	47.29	25.72	78.22	52.51	46.81	70.67	23.86	39.63	64.37	24.74	33.31	28.45	4.86	37.02	29.64	7.38	73.46	13.56	59.90	64.64	20.96	43.69	8.60	50.23	41.64	6.79	41.70	34.91	1.83	3.42	1.59	942,211	1,319,836	377,625
1971	8.22	24.68	16.46	5.29	14.84	9.55	15.26	54.93	39.67	47.23	47.53	0.30	37.82	11.44	26.38	35.09	25.73	9.36	34.02	4.00	30.02	61.65	9.45	52.20	41.47	17.06	24.41	26.03	23.41	2.63	4.77	18.92	14.15	3.36	15.42	12.05	830,015	693,114	136,901
1972	5.30	28.14	22.84	7.77	30.98	23.21	18.49	43.24	24.75	31.54	43.66	12.11	45.01	36.40	8.61	37.55	23.41	14.14	30.26	20.71	9.55	51.15	31.68	19.48	36.35	30.00	6.34	17.21	84.43	67.22	11.48	61.33	49.84	8.86	50.20	41.34	780,146	1,254,964	474,818
1973	6.65	41.72	35.07	16.41	68.69	52.28	23.60	84.82	61.23	57.53	146.47	88.93	59.50	77.59	18.08	42.54	33.31	9.22	38.03	31.45	6.58	53.50	34.15	19.35	80.33	59.64	20.69	35.69	47.89	12.21	9.12	45.14	36.02	17.45	82.66	65.21	1,141,373	1,953,168	811,795
1974	14.21	72.90	58.69	29.81	133.99	104.18	34.29	143.59	109.30	44.01	93.45	49.44	41.83	115.09	73.26	29.59	66.24	36.65	57.95	28.26	29.69	71.29	40.87	30.42	54.00	32.52	21.48	16.14	31.80	15.65	7.84	43.73	35.89	6.11	38.44	32.33	1,055,136	2,179,570	1,124,434
1975	6.69	30.26	23.57	9.04	32.43	23.39	16.60	49.00	32.40	43.32	40.20	3.12	36.28	40.95	4.67	22.43	31.36	8.93	37.59	22.19	15.40	59.89	17.73	42.16	63.39	13.55	49.84	14.38	30.31	15.93	8.15	48.52	40.38	8.20	47.07	38.87	844,888	1,046,063	201,175
1976	5.04	22.00	16.96	8.53	26.28	17.75	13.78	9.50	24.28	38.52	38.68	0.17	33.92	64.50	30.58	35.79	67.14	31.36	31.77	45.96	14.19	60.81	32.85	27.95	69.01	28.34	40.67	23.10	54.66	31.56	22.51	88.59	66.07	33.33	157.60	124.27	974,842	1,648,773	673,931
1977	16.38	86.26	69.88	27.53	121.03	93.49	18.67	54.35	35.69	41.15	29.48	11.67	40.67	26.65	14.01	32.21	30.04	2.17	47.19	15.15	32.04	57.46	10.05	47.41	61.16	12.03	49.12	26.67	16.32	10.34	3.25	12.93	9.68	4.44	27.64	23.20	976,580	1,145,521	168,940
1978	3.34	14.77	11.43	8.70	29.67	20.97	11.73	28.77	17.04	37.67	58.23	20.56	42.56	64.17	21.61	42.97	38.33	4.64	54.84	11.39	43.45	69.98	13.27	56.71	38.98	27.81	11.17	27.26	26.66	0.60	9.22	58.16	48.93	10.63	68.89	58.26	927,633	1,140,798	213,164
1979	13.40	49.04	35.63	19.74	58.66	38.92	13.38	15.09	1.70	42.00	84.90	42.89	46.83	111.05	64.22	36.51	53.72	17.20	48.56	25.16	23.39	44.78	31.78	13.00	60.75	29.98	30.77	16.34	22.92	6.58	26.86	117.34	90.48	17.69	93.77	76.08	1,002,702	1,797,304	794,602
1980	21.02	116.13	95.11	27.33	129.78	102.45	23.56	98.54	74.99	47.40	101.48	54.08	59.11	185.94	126.83	50.73	117.40	66.67	54.99	27.93	27.06	65.20	26.40	38.79	57.82	18.47	39.35	21.58	42.55	20.97	11.48	78.64	67.16	17.07	90.26	73.19	1,185,290	2,678,913	1,493,624
1981	14.54	84.34	69.80	25.14	125.30	100.16	47.89	227.91	180.02	53.69	175.23	121.54	58.44	90.01	31.57	34.48	42.59	8.11	42.73	35.85	6.87	55.06	33.41	21.65	46.51	76.54	30.03	21.12	62.64	41.51	14.77	100.41	85.64	29.76	166.56	136.80	1,151,182	3,164,260	2,013,078
1982	25.75	175.59	149.84	17.38	96.29	78.91	23.95	90.55	66.60	39.00	112.60	73.60	57.76	152.85	95.08	46.78	85.24	38.46	48.90	16.15	32.75	63.50	26.86	36.64	68.21	48.59	19.81	23.81	43.93	20.12	7.56	36.42	28.86	8.53	35.82	27.29	1,117,504	2,386,924	1,269,420
1983	8.21	51.65	43.44	12.79	55.85	43.06	15.91	31.23	15.32	41.80	49.35	7.55	32.00	20.50	11.50	21.44	43.66	22.22	35.88	48.61	12.74	65.67	37.66	28.01	50.37	75.69	25.32	27.58	21.16	6.41	4.96	19.97	15.01	18.17	71.75	53.57	867,712	1,366,187	498,475
1984	21.07	120.66	99.59	37.10	205.74	168.64	35.66	172.19	136.53	56.08	144.17	88.09	62.28	65.78	3.49	38.23	39.49	1.26	53.03	17.60	35.44	45.73	13.84	31.89	54.78	9.84	44.94	29.45	25.18	4.27	6.25	34.72	28.47	5.69	38.34	32.65	1,154,400	2,300,484	1,146,084
1985	9.61	48.75	39.15	11.34	38.27	26.93	15.12	27.80	12.68	39.70	53.27	13.57	33.66	54.16	20.49	35.33	15.39	19.94	54.77	4.23	50.54	66.87	1.97	64.90	66.91	8.30	58.61	26.38	19.61	6.77	9.79	42.98	33.19	10.47	62.58	52.11	984,834	978,019	6,815
1986	10.78	64.00	53.22	41.12	184.36	143.24	41.06	176.82	135.76	48.03	92.80	44.77	39.08	56.86	17.78	39.56	39.14	0.43	37.77	32.24	5.53	72.12	31.82	40.30	72.07	37.99	34.08	31.66	53.16	21.51	6.97	31.06	24.09	4.40	21.47	17.08	1,152,440	2,129,955	977,515
1987	6.48	33.42	26.95	13.36	57.05	43.69	18.28	60.89	42.61	60.75	239.35	178.60	50.40	60.51	10.11	38.98	47.93	8.95	56.77	15.29	41.48	58.48	14.42	44.06	65.95	42.85	23.10	9.69	27.85	18.16	6.06	32.35	26.29	6.52	41.04	34.52	1,015,373	1,744,325	728,951
1988	4.65	15.79	11.14	6.87	28.04	21.17	11.91	32.45	20.55	40.69	38.58	2.11	45.29	26.14	19.14	29.23	14.17	15.06	51.17	4.89	46.28	71.71	4.85	66.86	63.27	7.69	55.58	20.91	16.04	4.87	5.14	32.47	27.33	7.18	46.83	39.65	927,990	694,515	233,475
1989	5.39	21.06	15.67	6.61	18.40	11.79	16.36	44.78	28.42	28.08	19.74	8.34	35.72	45.01	9.28	16.87	27.67	10.81	36.16	28.36	7.81	62.12	28.57	33.54															



AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
 VARDAR RIVER BASIN - B1-5

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance				
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS
1961	0.83	9.05	8.22	0.90	7.91	7.01	1.68	10.89	9.21	0.57	6.40	5.83	2.89	13.02	10.13	3.48	6.44	2.96	5.90	3.33	2.57	9.53	2.00	7.53	7.68	2.00	5.68	0.99	2.00	1.01	0.50	6.11	5.61	0.31	4.10	3.79	91,350	189,881	98,531		
1962	0.33	4.10	3.77	0.77	8.56	7.79	5.35	54.49	49.14	4.57	37.67	33.10	5.23	15.17	9.94	3.14	5.74	2.59	6.40	0.77	5.63	9.07	1.67	7.40	6.59	1.39	5.20	0.01	1.26	1.26	4.51	46.16	41.65	3.22	33.22	30.00	127,543	544,854	417,310		
1963	6.22	62.92	56.70	9.09	91.75	82.66	4.71	45.04	40.32	7.03	51.29	44.25	4.49	38.52	34.03	5.72	28.88	23.16	6.04	4.33	1.70	8.80	1.17	7.63	5.16	2.22	2.94	0.88	6.23	5.34	0.54	6.52	5.98	1.59	16.93	15.34	156,251	922,224	765,973		
1964	0.56	6.33	5.77	0.68	6.93	6.24	1.34	14.39	13.05	2.68	11.60	8.92	1.89	14.02	12.13	2.44	11.26	8.82	5.12	4.22	0.90	8.93	1.38	7.55	3.02	3.49	0.47	1.65	5.60	3.94	1.56	16.69	15.13	1.39	14.93	13.54	81,079	287,294	206,215		
1965	1.66	17.39	15.73	1.08	11.61	10.53	3.14	31.61	28.47	3.31	29.99	26.69	6.55	31.46	24.91	4.72	10.57	5.85	6.97	1.56	5.41	8.81	0.57	8.25	7.51	0.31	7.20	2.00	0.37	1.63	0.03	1.42	1.39	0.56	6.58	6.03	120,141	371,824	251,683		
1966	1.64	17.21	15.56	2.78	25.20	22.43	1.63	12.68	11.05	3.36	14.94	11.58	4.16	15.89	11.72	4.54	12.93	8.39	6.12	2.55	3.57	6.06	0.23	5.32	3.49	1.04	2.46	1.38	1.31	0.07	0.33	4.41	4.07	1.70	17.99	16.30	96,403	327,559	231,156		
1967	1.02	11.00	9.98	1.19	8.22	7.03	2.56	16.27	13.71	3.68	19.65	15.98	3.59	22.64	19.05	2.91	7.58	4.67	3.59	6.75	3.16	4.88	0.98	3.90	4.86	0.68	4.18	1.65	0.60	1.05	0.04	1.49	1.45	0.42	5.19	4.77	78,739	261,902	183,162		
1968	0.52	5.96	5.44	1.87	17.23	15.36	1.73	8.79	7.06	2.93	5.34	2.41	2.60	3.25	0.66	1.89	6.85	4.96	7.00	0.72	6.28	7.78	0.88	6.90	7.27	1.36	5.92	1.96	0.75	1.21	0.14	2.51	2.37	0.26	3.59	3.33	93,177	148,331	55,154		
1969	0.80	8.76	7.96	1.77	18.54	16.77	2.49	25.82	23.33	3.90	24.10	20.21	4.56	20.27	15.70	3.39	4.11	0.72	5.01	2.33	2.68	8.42	2.29	6.12	5.18	3.10	2.07	2.35	2.37	0.02	0.04	0.70	0.66	0.44	5.46	5.02	99,366	305,478	206,112		
1970	1.27	13.48	12.21	1.42	14.24	12.83	2.29	20.86	18.57	3.55	21.03	17.49	2.53	15.82	13.29	4.13	9.16	5.03	5.84	7.66	1.82	9.21	0.35	8.86	6.81	2.39	4.42	1.42	5.56	4.13	0.42	4.90	4.48	0.10	1.63	1.53	101,039	303,464	202,425		
1971	0.98	10.19	9.21	0.68	7.67	6.99	1.65	16.33	14.68	3.70	18.71	15.01	3.14	10.57	7.44	4.58	7.63	3.05	5.47	0.53	4.94	8.53	0.40	8.13	6.35	3.81	2.54	2.03	3.69	1.66	0.28	3.18	2.89	0.24	3.43	3.19	97,551	223,282	125,731		
1972	0.32	4.01	3.68	0.65	7.30	6.65	1.37	10.42	9.06	1.59	12.79	11.20	3.22	8.76	5.54	3.60	2.79	0.81	5.19	2.25	2.93	7.08	2.19	4.89	3.03	5.03	2.00	1.41	15.28	13.87	1.02	10.93	9.91	0.75	7.77	7.02	75,766	232,045	156,279		
1973	0.48	5.58	5.10	1.16	12.40	11.24	1.67	15.77	14.10	4.33	28.06	23.73	5.65	19.76	14.11	3.64	5.43	1.80	6.11	4.31	1.80	6.84	3.88	2.96	8.45	9.77	1.31	2.88	7.69	4.81	0.88	7.99	7.11	1.58	15.74	14.15	113,189	353,468	240,279		
1974	1.39	14.65	13.26	2.39	24.73	22.34	2.48	22.73	20.25	2.89	17.45	14.56	4.52	26.29	21.77	4.92	15.55	10.63	7.39	4.56	2.83	9.62	3.72	5.90	6.43	3.92	2.51	0.99	5.77	4.78	0.80	8.29	7.50	0.63	6.92	6.29	115,190	400,637	285,447		
1975	0.60	6.05	5.45	0.50	4.76	4.26	1.14	9.34	8.20	3.50	11.41	7.91	3.88	13.03	9.15	1.96	9.01	7.06	5.55	3.25	2.30	8.42	0.76	7.66	6.80	1.20	5.60	1.56	5.40	3.85	0.73	8.01	7.28	0.85	8.77	7.92	91,987	209,979	117,991		
1976	0.59	5.15	4.56	0.70	5.55	4.85	0.47	3.76	3.29	2.51	9.53	7.01	2.78	14.22	11.44	3.87	15.67	11.80	4.74	7.97	3.23	6.00	5.00	1.00	6.96	3.89	3.07	2.40	8.87	6.48	2.03	19.51	17.48	3.02	30.12	27.10	93,487	335,050	241,563		
1977	1.49	14.91	13.43	2.91	27.69	24.78	2.00	14.47	12.47	3.04	10.19	7.16	1.72	5.93	4.21	1.08	4.05	2.97	6.77	0.69	6.08	5.34	0.70	4.64	7.04	0.53	6.51	2.12	1.23	0.90	0.12	2.30	2.18	0.42	4.84	4.42	88,268	226,912	138,645		
1978	0.36	3.65	3.29	0.85	8.60	7.74	1.54	10.63	9.09	2.76	18.38	15.63	3.35	22.89	19.54	5.23	8.80	3.57	7.25	0.95	6.31	6.38	0.49	5.89	3.75	4.34	0.59	2.08	3.80	1.72	0.82	8.16	7.34	1.08	11.82	10.74	91,866	265,673	173,808		
1979	1.21	12.17	10.95	1.75	15.69	13.94	1.19	6.83	5.63	2.90	15.63	12.73	4.11	21.45	17.34	4.65	8.70	4.05	6.94	2.37	4.57	5.61	3.39	2.22	6.39	4.24	2.15	1.89	3.37	1.48	2.44	25.12	22.68	1.46	15.21	13.76	105,082	347,765	242,682		
1980	2.10	19.51	17.41	2.53	21.18	18.66	2.05	18.04	15.99	3.29	16.94	13.64	4.13	36.03	31.90	6.48	20.24	13.75	5.80	3.39	2.40	8.75	2.17	6.57	4.28	1.28	2.99	2.13	6.98	4.84	1.17	12.37	11.21	1.52	16.19	14.67	114,613	451,844	337,230		
1981	1.20	12.00	10.81	1.95	18.82	16.87	4.44	39.68	35.24	4.39	28.70	24.31	5.17	14.97	9.80	3.63	7.18	3.56	7.47	3.93	3.54	5.30	3.67	1.63	6.30	10.20	3.89	2.06	11.17	9.11	1.61	17.19	15.58	3.14	32.46	29.31	120,965	518,327	397,362		
1982	2.66	25.90	23.23	1.51	14.02	12.51	1.95	17.39	15.44	2.76	25.64	22.88	5.72	25.78	20.06	5.43	12.34	6.91	4.29	1.94	2.35	2.45	2.74	0.30	6.67	4.74	1.92	0.40	4.48	4.08	0.37	4.43	4.06	0.56	6.66	6.10	90,126	378,614	288,488		
1983	0.72	7.24	6.52	1.11	8.96	7.84	1.10	6.31	5.21	2.65	8.97	6.32	2.30	3.74	1.44	1.00	10.13	9.12	6.31	10.47	4.16	8.91	4.15	4.76	5.75	8.85	3.10	2.19	3.06	0.87	0.30	3.33	3.03	1.01	11.13	10.12	86,483	223,760	137,278		
1984	1.54	16.19	14.64	2.73	28.18	25.45	2.76	27.06	24.30	4.15	29.33	25.18	5.95	23.54	17.58	4.38	7.14	2.76	7.12	1.15	5.97	7.61	1.01	6.60	6.02	0.90	5.32	2.00	2.30	0.29	0.36	4.36	3.99	0.44	4.66	4.23	116,829	377,955	261,126		
1985	0.75	8.24	7.50	1.11	8.49	7.38	0.99	10.44	9.45	3.22	13.92	10.70	3.04	13.70	10.67	4.63	3.18	1.45	7.47	0.50	6.97	8.85	0.52	8.35	7.24	0.65	6.59	2.05	1.67	0.38	0.82	9.30	8.48	0.89	8.76	7.88	106,381	205,740	99,359		
1986	1.07	11.44	10.37	3.87	34.66	30.78	3.45	31.63	28.18	4.57	20.61	16.04	3.44	16.63	13.19	3.09	10.20	7.10	7.08	6.84	0.25	8.47	3.96	4.51	6.75	4.03	2.71	2.51	6.28	3.76	0.35	3.82	3.47	0.18	2.83	2.65	116,213	396,355	280,142		
1987	0.46	5.37	4.91	1.28	12.51	11.23	1.16	11.81	10.65	4.88	36.62	31.73	4.21	15.27	11.06	3.28	8.62	5.34	7.60	1.78	5.82	8.24	0.48	7.76	7.40	3.37	4.03	0.31	2.42	2.11	0.25	3.62	3.36	0.46	5.26	4.80	102,484	277,626	175,143		
1988	0.11	1.83	1.72	0.42	3.52	3.10	1.08	6.01	4.94	2.48	8.05	5.57	3.05	5.53	2.48	3.71	2.32	1.39	6.44	0.41	6.03	9.34	0.51	8.83	7.37	0.80	6.57	0.93	0.61	0.31	0.21	3.16	2.95	0.52	6.18	5.67	92,374	100,930	8,556		
1989	0.35	1.98	1.64	0.53	1.98	1.45	1.34	9.47	8.13	1.74	6.34	4.60	4.04	15.07	11.03	2.30	9.47	7.17	4.62	6.08	1.45	9.24	3.72	5.53	7.67	1.92	5.75	0.88	7.72	6.84	0.29	3.60	3.31	0.45	5.19	4.74	86,737	188,015	101,278		
1990	0.60	4.47	3.88	0.46	2.06	1.59	1.20	2.69	1.49	1.19	3.88	2.68	3.18	3.06	0.12	3.76	0.93	2.82	6.57	0.57	6.00	7.05	0.29	6.75	6.69	0.41	6.28	1.60	0.49	1.10	-0.04	0.64	0.68	0.23	3.00	2.77	84,189	58,331	25,858		
1991	0.36	3.26	2.90	0.56	6.39	5.83	1.30	11.73	10.42	2.30	17.22	14.92	4.23	21.50	17.27	4.83	11.32	6.48	2.41	2.15	0.26	7.64	0.52	7.12	5.17	1.10	4.07	1.94	2.42	0.48	0.										

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
VARDAR RIVER BASIN - B1

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	18.73	133.97	115.24	25.20	121.14	95.94	38.06	154.51	116.45	67.62	104.25	36.63	66.37	195.39	129.03	58.87	104.72	45.85	89.22	59.67	29.55	128.42	48.00	80.42	113.92	48.00	65.92	38.58	47.00	8.42	13.94	101.05	87.11	10.98	78.50	67.52	1,736,395	3,100,561	1,364,166
1962	11.35	78.52	67.17	21.91	128.45	106.53	97.88	643.10	545.22	105.21	454.57	349.36	95.78	202.49	106.71	46.28	96.81	50.53	85.00	41.17	43.83	114.14	29.00	85.14	100.86	29.33	71.52	29.63	46.71	17.07	82.45	549.69	467.24	64.31	404.74	340.43	2,215,695	7,010,270	4,794,575
1963	116.99	737.49	620.50	166.08	#####	894.47	99.82	537.14	437.31	134.14	607.15	473.01	110.93	464.10	353.17	96.52	356.15	259.63	81.89	81.09	0.81	118.71	45.63	73.08	97.16	57.45	39.71	28.06	102.31	74.26	15.83	105.60	89.77	34.43	222.20	187.78	2,852,644	11,344,822	8,492,178
1964	16.12	103.43	87.31	21.77	110.16	88.38	40.70	193.82	153.12	64.55	162.55	98.00	64.16	189.59	125.43	66.98	158.69	91.71	68.13	79.77	11.64	108.92	48.05	60.87	69.04	71.64	2.60	20.25	95.25	75.00	35.79	219.55	183.76	31.05	199.83	168.78	1,574,552	4,231,015	2,656,463
1965	35.82	227.39	191.57	24.58	162.63	138.05	76.71	386.73	310.02	96.98	368.59	271.61	101.50	385.03	283.53	68.60	151.02	82.42	73.13	50.03	23.10	90.82	36.96	53.86	115.57	35.07	80.49	49.90	36.66	13.24	5.09	48.50	43.41	15.55	106.28	90.73	1,955,025	5,170,779	3,215,754
1966	39.48	225.31	185.83	58.35	314.91	256.56	35.30	174.60	139.30	76.65	199.94	123.29	91.35	210.53	119.18	67.70	177.44	109.74	87.89	50.33	37.56	118.86	25.72	93.14	91.08	40.67	50.41	28.33	41.36	13.03	12.35	81.91	69.56	37.62	234.13	196.51	1,930,913	4,605,573	2,674,660
1967	26.31	155.79	129.47	27.34	124.68	97.34	46.12	214.84	168.72	74.95	252.72	177.77	85.04	286.16	201.12	52.12	117.49	65.37	46.09	108.20	62.11	107.57	43.47	64.10	92.29	45.59	46.70	38.77	39.23	0.46	5.97	49.22	43.25	12.83	90.65	77.83	1,595,130	3,960,698	2,365,568
1968	15.68	99.28	83.59	43.31	225.57	182.26	35.27	131.05	95.78	65.24	92.41	27.17	42.50	68.99	26.48	41.68	109.25	67.57	95.09	40.66	54.43	84.25	28.61	55.64	100.96	36.44	64.53	42.73	40.90	1.83	7.10	60.66	53.56	9.53	72.71	63.18	1,512,040	2,608,891	1,096,851
1969	20.55	130.64	110.09	41.38	240.24	198.85	58.75	321.80	263.05	86.38	302.60	216.23	114.53	259.62	145.09	57.55	78.63	21.08	83.67	58.63	25.04	107.44	58.24	49.20	108.55	67.31	41.24	53.34	59.10	5.76	5.83	32.39	26.56	15.08	93.75	78.68	1,951,929	4,414,083	2,462,154
1970	31.63	183.58	151.95	32.51	192.14	159.63	57.08	266.28	209.20	87.81	268.20	180.39	72.46	209.76	137.30	60.46	135.12	74.66	66.67	118.39	51.73	123.70	36.46	87.23	106.89	59.31	47.57	14.77	94.79	80.02	11.51	87.40	75.89	7.92	58.88	50.96	1,745,420	4,433,143	2,687,722
1971	26.87	170.05	143.19	17.56	118.51	100.95	37.13	215.51	178.38	87.89	242.21	154.32	70.15	151.02	80.87	61.81	118.02	56.20	55.74	38.43	17.32	105.91	36.50	69.41	76.40	75.18	1.22	44.86	73.86	29.00	9.79	68.12	58.32	8.53	71.01	62.47	1,562,072	3,572,849	2,010,777
1972	10.13	77.43	67.30	18.16	114.34	96.18	37.25	149.31	112.06	55.59	175.80	120.21	73.96	130.72	56.76	58.66	63.78	5.11	51.56	57.80	6.24	87.25	57.07	30.18	60.14	88.90	28.77	33.34	203.73	170.38	23.01	155.03	132.02	17.28	119.60	102.31	1,364,307	3,612,000	2,247,693
1973	12.49	95.06	82.57	30.13	171.44	141.31	40.89	209.28	168.39	94.45	346.89	252.44	105.84	253.90	148.05	67.80	93.43	25.63	64.37	80.85	16.48	90.79	75.99	14.80	134.95	141.97	7.03	61.05	118.67	57.62	18.55	122.06	103.51	33.88	208.84	174.96	1,957,445	4,972,433	3,014,987
1974	29.42	196.64	167.22	53.88	309.59	255.70	58.16	287.18	229.02	71.97	228.05	156.08	79.11	327.13	248.02	57.35	206.71	149.36	97.25	83.65	13.60	120.06	74.20	45.86	89.17	76.49	12.68	29.61	97.15	67.54	17.62	125.47	107.85	13.70	110.02	96.32	1,859,199	5,500,920	3,641,720
1975	14.50	100.34	85.84	16.43	85.87	69.44	30.84	137.23	106.39	74.15	160.42	86.26	67.32	178.53	111.21	40.28	133.54	93.26	64.56	69.00	4.44	99.99	41.07	58.92	104.92	41.61	63.31	26.92	93.10	66.18	15.99	122.29	106.30	17.60	130.75	113.14	1,486,508	3,353,377	1,866,869
1976	12.66	90.27	77.62	18.54	94.71	76.17	27.13	74.71	47.58	64.91	139.26	74.35	59.94	191.91	131.97	64.28	208.13	143.85	54.76	121.85	67.09	104.37	88.61	15.76	114.46	76.15	38.31	43.11	131.94	88.83	44.09	251.18	207.09	62.23	370.05	307.82	1,737,839	4,766,080	3,028,241
1977	30.03	199.65	169.62	59.47	342.78	283.31	41.69	194.67	152.98	71.18	146.74	75.56	65.96	99.03	33.08	47.24	77.95	30.72	76.21	40.28	35.94	94.84	32.19	62.65	103.86	39.36	64.50	43.55	46.28	2.73	8.01	58.32	50.31	10.62	86.77	76.16	1,691,644	3,353,547	1,843,903
1978	9.45	73.46	64.01	23.03	128.84	105.81	31.92	151.60	119.68	71.57	238.48	166.91	86.38	289.01	202.63	73.32	131.08	57.76	89.04	39.76	49.28	115.01	35.01	80.00	67.20	81.16	13.96	45.97	75.13	29.16	15.96	123.94	107.99	21.02	164.97	143.95	1,684,469	3,972,126	2,287,657
1979	29.69	168.86	139.17	43.02	208.38	165.36	30.18	109.02	78.84	69.82	207.67	137.85	81.48	272.84	191.37	59.59	130.01	70.41	78.32	59.12	19.20	76.88	70.55	6.34	102.29	80.01	22.28	30.95	70.27	39.32	52.30	314.04	261.74	30.27	202.96	172.69	1,774,983	4,908,535	3,133,552
1980	37.89	251.17	213.29	47.38	269.88	222.50	44.96	234.61	189.65	77.50	222.30	144.80	103.91	436.23	332.32	86.58	259.27	172.69	89.17	70.54	18.63	109.76	56.91	52.86	92.86	46.92	45.94	38.11	110.72	72.62	22.20	171.17	148.96	32.19	213.90	181.71	2,028,253	6,074,644	4,046,391
1981	23.75	167.04	143.29	40.66	243.39	202.74	85.58	477.13	391.55	88.31	354.06	265.75	95.94	200.31	104.37	56.80	113.02	56.22	71.47	76.57	5.10	92.69	73.68	19.01	77.29	146.78	69.49	40.79	157.66	116.86	29.22	225.16	195.94	60.18	396.17	336.00	1,976,900	6,819,528	4,842,629
1982	45.39	322.69	277.30	30.29	189.59	159.30	45.02	227.41	182.39	71.51	319.81	248.30	96.10	321.34	225.24	74.87	170.78	95.91	76.71	54.31	22.39	104.75	63.29	41.46	112.47	85.69	26.78	38.11	82.78	44.67	12.20	82.19	69.99	16.78	107.20	90.43	1,877,119	5,254,174	3,377,056
1983	14.68	113.70	99.02	24.27	132.90	108.64	29.32	103.24	73.92	66.95	133.00	66.05	51.32	74.45	23.13	37.97	146.01	108.04	66.00	149.87	83.87	110.50	79.06	31.44	84.20	131.69	47.49	46.34	66.79	20.45	9.95	69.82	59.86	28.84	157.19	128.35	1,478,317	3,519,179	2,040,862
1984	32.49	213.89	181.40	56.41	348.31	291.90	59.86	335.70	275.84	96.14	361.20	265.06	115.08	296.25	181.17	62.62	112.49	49.86	86.27	45.47	40.80	81.52	43.85	37.67	90.63	42.64	47.99	47.53	58.27	10.75	10.83	81.36	70.53	10.35	84.80	74.45	1,943,284	5,246,785	3,303,502
1985	18.66	124.90	106.24	24.96	127.63	102.67	35.28	149.47	114.19	72.01	188.49	116.47	62.83	186.05	123.22	58.02	68.16	10.14	90.26	28.67	61.59	112.55	22.33	90.21	111.61	39.87	71.74	43.25	51.28	8.03	21.47	136.71	115.24	18.66	130.71	112.04	1,735,480	3,251,046	1,515,566
1986	23.01	160.69	137.69	78.57	420.84	342.27	75.67	386.94	311.27	84.65	263.44	178.79	74.06	218.90	144.84	66.01	146.78	80.77	65.59	109.13	43.54	119.60	76.88	42.72	115.99	77.74	38.25	50.89	102.86	51.97	11.07	75.34	64.27	7.95	64.21	56.26	2,003,776	5,452,946	3,449,169
1987	12.93	92.69	79.75	29.14	172.69	143.56	32.91	164.84	131.92	98.03	442.78	344.75	87.71	203.64	115.93	63.21	129.13	65.92	94.17	50.39	43.79	97.15	37.90	59.25	106.98	70.28	36.70	16.48	59.67	43.19	9.99	73.05	63.06	11.81	91.42	79.61	1,712,058	4,117,319	2,405,261
1988	8.37	53.03	44.66	13.10	71.98	58.87	23.74	99.93	76.20	66.22	122.76	56.54	73.48	94.50	21.02	48.17	58.48																						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
TRESKA RIVER BASIN - B2-1

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	0.56	7.15	6.59	0.66	6.81	6.15	1.47	14.36	12.89	1.67	12.30	10.62	2.02	15.75	13.73	0.96	7.21	6.25	0.94	2.42	1.48	1.65	1.22	0.43	1.58	1.32	0.26	0.56	1.95	1.39	0.40	5.09	4.69	0.26	3.85	3.58	33,021	205,853	172,832
1962	0.28	4.38	4.10	0.42	5.89	5.47	2.41	25.52	23.11	3.14	28.43	25.28	2.32	13.62	11.30	0.83	6.54	5.70	1.02	2.75	1.73	1.59	1.51	0.08	1.47	1.86	0.39	0.70	4.25	3.55	3.30	34.29	30.99	2.69	28.06	25.37	52,318	407,202	354,884
1963	4.90	50.55	45.65	5.26	54.30	49.03	3.61	37.36	33.75	4.18	38.51	34.33	3.98	36.79	32.82	2.60	23.09	20.49	1.65	10.91	9.26	1.95	5.69	3.74	1.66	6.20	4.54	1.28	11.29	10.01	1.04	11.38	10.34	2.31	24.35	22.03	89,215	804,600	715,385
1964	0.75	8.92	8.17	0.70	7.97	7.27	1.81	18.31	16.50	2.28	17.77	15.49	1.31	12.58	11.27	1.03	8.55	7.52	0.94	4.41	3.47	1.36	3.35	1.99	1.14	3.97	2.83	0.68	5.27	4.59	1.74	18.50	16.76	1.85	19.66	17.81	40,421	335,058	294,637
1965	1.56	17.20	15.64	0.88	10.43	9.55	3.96	39.36	35.40	4.31	38.56	34.26	3.70	30.43	26.73	1.40	11.05	9.65	1.42	4.96	3.54	1.75	4.59	2.84	1.95	3.75	1.81	1.05	3.67	2.62	0.44	5.67	5.23	1.46	15.84	14.37	61,883	480,821	418,938
1966	2.11	22.69	20.58	3.50	35.73	32.22	1.72	17.92	16.20	2.49	20.44	17.95	2.23	15.34	13.11	0.89	6.58	5.69	0.98	3.97	2.98	1.64	3.14	1.50	1.54	3.65	2.10	0.73	3.93	3.21	0.89	10.20	9.31	1.77	18.93	17.16	53,134	421,240	368,106
1967	1.11	12.48	11.36	0.82	8.65	7.83	1.59	16.23	14.63	2.65	23.11	20.45	2.59	23.03	20.44	1.08	9.46	8.38	0.82	7.31	6.49	1.77	4.11	2.34	1.38	3.14	1.75	0.60	2.73	2.13	0.17	2.92	2.74	0.47	5.89	5.42	39,034	308,570	269,536
1968	0.68	8.36	7.68	1.42	15.55	14.13	1.00	9.58	8.58	1.91	13.39	11.48	1.24	8.58	7.34	1.42	13.69	12.28	1.34	4.16	2.83	1.34	3.41	2.07	1.46	3.07	1.61	0.80	2.78	1.98	0.21	3.35	3.15	0.30	4.20	3.90	33,974	233,605	199,632
1969	0.33	4.88	4.55	1.19	13.54	12.35	2.43	25.65	23.22	3.07	27.55	24.49	3.06	21.25	18.20	1.05	7.04	5.99	1.00	3.60	2.59	1.47	3.08	1.61	1.50	3.17	1.67	0.95	2.65	1.70	0.23	3.09	2.86	1.16	12.82	11.66	45,195	332,604	287,409
1970	2.17	23.30	21.13	1.99	21.52	19.52	2.53	26.45	23.92	4.12	36.55	32.42	2.11	17.37	15.27	1.23	11.52	10.29	1.15	7.12	5.97	1.78	2.99	1.21	1.78	3.19	1.41	0.44	4.41	3.97	0.36	4.88	4.52	0.49	5.89	5.41	52,245	428,156	375,911
1971	1.60	17.60	16.00	0.77	9.28	8.51	2.16	22.72	20.56	3.19	27.20	24.01	2.17	14.35	12.17	1.01	7.00	5.99	0.85	3.11	2.25	1.37	2.53	1.15	0.91	3.61	2.70	0.74	2.86	2.12	0.26	3.43	3.17	0.42	5.33	4.91	40,053	308,484	268,431
1972	0.60	7.60	7.00	1.35	15.20	13.84	2.19	22.01	19.81	2.19	21.75	19.57	1.80	11.38	9.58	0.89	5.53	4.64	0.78	4.86	4.09	1.02	2.73	1.72	1.36	3.68	2.31	0.92	10.58	9.66	0.84	9.33	8.49	0.64	7.40	6.76	37,806	316,344	278,537
1973	0.41	5.70	5.29	1.32	14.57	13.26	1.59	16.79	15.21	4.09	36.27	32.18	3.27	24.78	21.52	0.96	5.99	5.03	1.17	7.69	6.52	1.20	3.45	2.25	2.04	4.64	2.60	1.06	3.75	2.70	0.39	4.49	4.09	1.40	14.74	13.33	48,984	370,322	321,338
1974	1.48	16.38	14.89	2.28	24.43	22.15	2.08	21.12	19.04	2.81	25.16	22.35	3.49	30.48	26.99	1.21	10.27	9.07	1.24	3.41	2.17	1.52	2.68	1.16	1.64	2.80	1.16	0.92	6.91	5.99	1.03	11.42	10.39	0.63	7.48	6.85	52,690	421,290	368,600
1975	0.46	5.85	5.39	0.34	4.86	4.52	0.78	8.49	7.72	2.15	18.25	16.10	1.49	10.45	8.96	0.71	5.81	5.10	0.65	2.79	2.15	1.39	1.78	0.38	1.54	2.08	0.54	0.64	5.08	4.44	0.50	6.26	5.76	0.77	8.86	8.09	29,610	208,804	179,194
1976	0.45	5.85	5.40	0.68	7.60	6.92	1.04	9.70	8.67	1.82	15.28	13.46	1.77	14.63	12.87	1.14	11.94	10.79	0.93	7.17	6.25	1.25	3.53	2.28	1.72	2.98	1.26	0.48	3.97	3.49	1.26	13.18	11.91	2.20	22.72	20.52	38,174	307,314	269,141
1977	0.95	11.09	10.13	3.15	32.24	29.09	1.31	12.69	11.38	1.63	11.48	9.84	1.27	6.72	5.45	0.74	4.26	3.52	0.98	2.24	1.25	1.36	2.29	0.93	1.10	2.33	1.23	0.88	2.63	1.75	0.40	5.27	4.87	0.52	6.39	5.87	37,055	258,198	221,143
1978	0.40	5.61	5.21	1.60	17.02	15.42	2.36	24.91	22.55	2.61	24.27	21.66	2.87	24.26	21.39	1.31	9.43	8.12	1.36	4.70	3.35	1.68	3.23	1.55	0.80	3.89	3.10	0.23	2.96	2.74	0.64	7.59	6.95	43,165	339,088	295,923			
1979	1.87	20.27	18.40	2.64	27.20	24.55	1.04	9.91	8.87	2.86	26.93	24.07	2.59	24.91	22.32	1.44	12.01	10.57	1.31	4.74	3.43	0.89	3.32	2.43	1.49	3.65	2.17	0.72	3.29	3.07	2.75	28.79	26.04	1.14	12.57	11.43	52,452	460,293	407,842
1980	1.55	17.07	15.52	1.79	18.63	16.84	1.79	19.26	17.46	2.33	19.37	17.04	4.09	38.76	34.67	1.78	14.56	12.78	1.42	5.32	3.89	1.77	4.07	2.29	1.74	3.77	2.03	0.84	6.38	5.54	0.94	10.66	9.72	1.41	15.30	13.89	55,603	448,774	393,171
1981	0.69	8.48	7.78	1.12	12.83	11.72	3.08	30.06	26.98	2.64	23.83	21.18	2.28	15.46	13.18	0.89	7.51	6.62	0.91	4.04	3.13	1.08	3.38	2.30	1.33	3.55	2.21	1.03	10.69	9.67	0.79	9.21	8.41	2.29	24.13	21.84	47,023	397,014	349,991
1982	1.95	20.97	19.03	0.75	8.24	7.49	1.41	14.64	13.23	2.69	27.60	24.91	2.01	16.12	14.11	1.02	7.16	6.14	1.11	3.33	2.22	1.03	3.02	1.99	1.26	3.09	1.83	0.41	3.26	2.85	0.30	4.07	3.77	1.29	14.14	12.84	39,462	325,642	286,180
1983	0.48	6.33	5.85	1.04	11.68	10.64	1.22	11.22	10.00	1.97	14.49	12.53	1.28	7.87	6.59	0.96	9.64	8.68	0.98	8.02	7.04	1.58	3.49	1.91	1.07	4.33	3.26	0.85	3.55	2.70	0.48	6.07	5.59	1.16	12.79	11.63	33,921	257,873	223,953
1984	1.58	17.26	15.69	1.66	18.25	16.59	1.99	20.18	18.19	3.28	30.72	27.44	3.93	29.39	25.46	0.87	7.22	6.35	1.10	3.87	2.78	0.98	4.00	3.03	1.59	4.37	2.78	0.97	3.68	2.70	0.46	5.55	5.09	0.24	3.48	3.23	48,358	383,586	335,228
1985	1.26	14.21	12.94	1.44	14.81	13.37	2.04	20.72	18.68	2.75	25.22	22.47	2.22	19.35	17.14	0.92	6.80	5.88	1.09	2.88	1.79	1.66	1.57	0.09	1.60	2.39	0.79	0.77	2.72	1.95	2.01	21.42	19.41	0.97	10.71	9.75	48,551	370,137	321,586
1986	1.72	18.80	17.07	4.30	42.81	38.51	4.23	42.88	38.65	3.41	27.73	24.32	2.45	23.22	20.77	1.46	13.57	12.11	1.17	8.81	7.64	1.95	4.40	2.46	1.88	3.63	1.75	0.86	3.39	2.53	0.27	3.58	3.31	0.21	3.14	2.93	62,029	507,940	445,911
1987	1.08	12.38	11.30	1.61	17.79	16.18	1.36	15.37	14.02	2.90	25.89	22.99	2.40	16.12	13.72	0.89	7.55	6.66	1.16	4.35	3.19	1.65	2.53	0.87	1.53	2.02	0.49	0.20	3.15	2.94	0.24	3.70	3.46	0.52	6.34	5.82	40,305	303,745	263,440
1988	0.28	4.34	4.05	0.42	5.48	5.07	0.75	8.55	7.79	1.57	10.60	9.03	1.74	8.01	6.27	0.50	3.63	3.13	1.00	1.46	0.46	1.66	1.26	0.40	1.28	1.83	0.55	0.44	2.22	1.78	0.36	4.91	4.55	0.89	10.08	9.19	28,208	161,610	133,402
1989	0.34	4.50	4.16	0.45	5.76	5.31	1.39	14.12	12.73	1.20	7.27	6.07	1.29	10.40	9.12	0.79	6.03	5.24	0.67	4.98	4.31	1.65	2.76	1.11	1.37	2.71	1.35	0.69	6.44	5.75	0.48	5.90	5.42	0.62	7.23	6.61	28,348	202,491	174,143
1990	0.39	5.06	4.67	0.39	5.27	4.87	0.61	4.98	4.37	1.21	9.05	7.85	1.30	5.98	4.68	0.72	3.75	3.02	0.82	1.98	1.15	1.12	1.50	0.39	1.26	2.09	0.83	0.78	2.36	1.58	0.17	2.94	2.77	0.80	9.25	8.44	24,770	140,452	115,681
1991	0.56	7.15	6.59	0.79	9.59	8.80	2.57	25.10	22.53	2.48	24.99	22.51	2.82	23.25	20.43	1.31	9.50	8.18	0.80	4.28	3.47	0.86	3.25	2.39	1.10	2.62	1.52	0.89	3.77	2.88	0.79	9.22</							



AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

TRESKA RIVER BASIN - B2-2

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance				
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS
1961	0.54	5.42	4.87	0.62	6.16	5.54	0.78	7.82	7.04	1.33	13.31	11.98	1.39	13.87	12.48	1.06	10.62	9.56	0.49	4.86	4.38	0.28	2.80	2.52	0.24	2.39	2.15	0.33	3.27	2.94	0.86	8.62	7.76	0.58	5.80	5.22	22,011	220,112	198,101		
1962	0.49	4.87	4.38	0.50	5.03	4.53	1.73	17.30	15.57	2.00	20.02	18.02	1.37	13.68	12.31	0.90	9.03	8.13	0.43	4.27	3.84	0.25	2.49	2.25	0.28	2.79	2.51	0.55	5.53	4.98	3.43	34.34	30.91	2.93	29.33	26.40	38,540	385,403	346,863		
1963	3.25	32.53	29.27	3.78	37.76	33.99	2.84	28.42	25.58	2.86	28.56	25.70	2.76	27.60	24.84	2.06	20.55	18.50	0.67	6.71	6.04	0.60	6.01	5.41	0.57	5.72	5.15	0.71	7.08	6.37	0.52	5.20	4.68	1.04	10.36	9.32	56,114	561,139	505,025		
1964	0.77	7.73	6.96	0.69	6.89	6.20	1.02	10.19	9.17	1.08	10.77	9.70	1.45	14.53	13.07	0.97	9.69	8.72	0.61	6.05	5.45	0.40	4.05	3.64	0.43	4.33	3.89	0.64	6.44	5.79	0.79	7.90	7.11	0.75	7.50	6.75	24,900	248,996	224,096		
1965	0.77	7.69	6.92	0.76	7.63	6.87	0.65	6.48	5.83	0.89	8.89	8.00	2.18	21.80	19.62	1.64	16.43	14.79	0.49	4.90	4.41	0.24	2.44	2.19	0.24	2.38	2.14	0.15	1.48	1.33	0.35	3.50	3.15	0.53	5.27	4.74	23,041	230,412	207,371		
1966	0.74	7.40	6.66	0.68	6.76	6.08	1.07	10.66	9.60	1.45	14.54	13.09	1.74	17.37	15.63	1.64	16.43	14.79	0.33	3.31	2.98	0.15	1.54	1.39	0.18	1.80	1.62	0.20	2.04	1.84	0.64	6.42	5.78	1.29	12.88	11.59	26,218	262,182	235,964		
1967	0.78	7.75	6.98	0.57	5.68	5.11	1.22	12.19	10.97	0.97	9.70	8.73	1.54	15.40	13.86	0.62	6.19	5.57	0.67	6.73	6.06	0.20	2.04	1.84	0.27	2.68	2.41	0.23	2.32	2.08	0.23	2.26	2.03	0.52	5.24	4.71	20,265	202,647	182,382		
1968	0.74	7.37	6.63	0.78	7.77	7.00	0.96	9.62	8.65	1.30	12.95	11.66	1.30	12.96	11.67	1.34	13.39	12.05	0.48	4.83	4.35	0.16	1.65	1.48	0.28	2.76	2.48	0.11	1.12	1.01	0.39	3.93	3.54	0.48	4.79	4.31	21,550	215,498	193,949		
1969	0.57	5.74	5.17	1.19	11.94	10.75	1.60	16.01	14.41	2.18	21.77	19.59	2.73	27.33	24.60	0.68	6.81	6.13	0.19	1.88	1.69	0.15	1.47	1.32	0.17	1.70	1.53	0.15	1.47	1.32	0.11	1.09	0.98	0.69	6.92	6.23	26,991	269,906	242,916		
1970	1.59	15.89	14.30	1.32	13.17	11.85	2.19	21.93	19.73	2.44	24.43	21.99	1.33	13.25	11.93	1.00	9.97	8.97	0.74	7.40	6.66	0.26	2.60	2.34	0.26	2.63	2.37	0.13	1.28	1.16	0.21	2.12	1.91	0.13	1.30	1.17	30,058	300,580	270,522		
1971	1.38	13.76	12.38	0.51	5.15	4.63	0.74	7.39	6.65	1.29	12.86	11.57	1.33	13.27	11.94	0.78	7.84	7.05	0.25	2.54	2.28	0.16	1.57	1.41	0.39	3.88	3.49	0.28	2.76	2.49	0.22	2.22	2.00	0.22	2.20	1.98	19,553	195,526	175,974		
1972	0.18	1.80	1.62	0.33	3.26	2.93	0.39	3.90	3.51	1.31	13.05	11.75	0.74	7.41	6.67	0.43	4.30	3.87	0.40	4.04	3.64	0.33	3.34	3.00	0.47	4.73	4.26	0.80	8.03	7.23	0.76	7.58	6.83	0.66	6.57	5.92	17,628	176,282	158,654		
1973	0.61	6.07	5.47	0.82	8.25	7.42	0.77	7.68	6.91	1.03	10.31	9.28	1.89	18.92	17.03	0.96	9.63	8.67	0.16	1.65	1.48	0.47	4.74	4.26	0.95	9.55	8.59	0.63	6.29	5.66	0.67	6.72	6.05	1.29	12.91	11.61	26,622	266,219	239,597		
1974	0.76	7.61	6.85	1.01	10.08	9.07	0.99	9.86	8.87	0.89	8.92	8.03	1.82	18.21	16.39	1.34	13.42	12.08	0.61	6.10	5.49	0.39	3.93	3.53	0.48	4.82	4.34	0.61	6.07	5.46	0.67	6.67	6.00	0.57	5.65	5.09	26,269	262,687	236,418		
1975	0.39	3.87	3.48	0.36	3.56	3.21	0.69	6.88	6.19	1.23	12.31	11.08	1.66	16.61	14.95	0.67	6.74	6.07	0.32	3.24	2.91	0.20	1.97	1.77	0.14	1.45	1.30	0.44	4.45	4.00	0.49	4.92	4.43	0.44	4.41	3.97	18,251	182,510	164,259		
1976	0.46	4.58	4.12	0.52	5.23	4.70	0.62	6.20	5.58	0.91	9.09	8.18	1.45	14.52	13.06	1.16	11.59	10.43	0.55	5.54	4.99	0.40	4.05	3.64	0.22	2.23	2.00	0.33	3.29	2.96	1.02	10.24	9.22	2.04	20.41	18.37	25,129	251,288	226,160		
1977	0.85	8.50	7.65	1.26	12.56	11.31	1.08	10.75	9.68	1.09	10.91	9.82	0.89	8.86	7.98	0.57	5.66	5.10	0.23	2.26	2.03	0.27	2.72	2.45	0.30	2.97	2.67	0.32	3.21	2.89	0.38	3.80	3.42	0.45	4.48	4.04	19,883	198,825	178,943		
1978	0.26	2.60	2.34	1.00	9.97	8.97	1.47	14.70	13.23	2.52	25.25	22.72	3.15	31.48	28.33	1.03	10.26	9.24	0.29	2.90	2.61	0.20	1.97	1.78	0.38	3.78	3.40	0.23	2.32	2.09	0.24	2.42	2.18	0.43	4.32	3.89	29,024	290,240	261,216		
1979	1.30	13.03	11.73	1.39	13.89	12.50	1.10	10.98	9.88	1.23	12.34	11.11	1.77	17.69	15.92	0.89	8.87	7.98	0.41	4.10	3.69	0.07	0.68	0.61	0.30	3.00	2.70	0.35	3.50	3.15	1.16	11.56	10.40	0.69	6.91	6.22	27,618	276,182	248,564		
1980	0.85	8.54	7.68	0.87	8.75	7.87	0.93	9.31	8.38	1.17	11.71	10.54	2.13	21.27	19.15	1.57	15.69	14.12	0.49	4.91	4.42	0.26	2.56	2.30	0.17	1.67	1.50	0.41	4.09	3.68	0.71	7.08	6.37	1.07	10.74	9.66	27,556	275,555	248,000		
1981	0.41	4.08	3.67	0.76	7.61	6.85	3.05	30.52	27.47	1.66	16.62	14.96	0.94	9.38	8.44	0.89	8.85	7.97	0.36	3.60	3.24	0.30	2.98	2.69	0.42	4.16	3.75	0.48	4.81	4.33	0.73	7.33	6.59	2.30	23.04	20.73	31,877	318,768	286,891		
1982	0.81	8.08	7.27	0.47	4.75	4.27	0.99	9.89	8.90	1.42	14.17	12.75	1.16	11.65	10.48	0.66	6.64	5.97	0.29	2.94	2.65	0.32	3.25	2.92	0.34	3.39	3.05	0.26	2.56	2.30	0.25	2.53	2.28	0.39	3.89	3.50	19,109	191,085	171,977		
1983	0.36	3.56	3.20	0.67	6.69	6.02	0.64	6.38	5.75	0.99	9.91	8.92	0.53	5.26	4.73	0.92	9.18	8.26	0.82	8.21	7.39	0.19	1.94	1.75	0.18	1.77	1.59	0.15	1.54	1.38	0.39	3.89	3.50	0.43	4.30	3.87	16,234	162,343	146,109		
1984	0.85	8.52	7.67	1.45	14.50	13.05	1.29	12.90	11.61	2.09	20.89	18.80	2.37	23.68	21.31	0.84	8.41	7.57	0.34	3.41	3.07	0.29	2.91	2.62	0.25	2.53	2.27	0.17	1.71	1.54	0.24	2.45	2.20	0.23	2.28	2.05	27,006	270,062	243,056		
1985	0.29	2.92	2.63	0.59	5.92	5.33	0.97	9.66	8.69	1.55	15.46	13.91	1.35	13.48	12.13	0.59	5.95	5.35	0.29	2.90	2.61	0.20	2.04	1.83	0.10	0.98	0.88	0.07	0.73	0.66	0.41	4.07	3.66	0.62	6.21	5.59	18,224	182,240	164,016		
1986	0.86	8.57	7.71	2.13	21.33	19.20	1.88	18.79	16.91	2.08	20.83	18.75	2.16	21.58	19.42	1.13	11.28	10.16	0.64	6.45	5.80	0.39	3.91	3.52	0.22	2.22	2.00	0.24	2.39	2.15	0.30	2.96	2.66	0.35	3.47	3.12	32,082	320,822	288,740		
1987	0.25	2.52	2.26	0.65	6.50	5.85	0.65	6.55	5.89	1.18	11.78	10.60	1.72	17.21	15.49	0.93	9.29	8.36	0.35	3.47	3.13	0.15	1.54	1.38	0.13	1.29	1.16	0.18	1.81	1.63	0.29	2.92	2.63	0.45	4.53	4.08	17,986	179,862	161,876		
1988	0.29	2.91	2.61	0.30	2.97	2.67	0.65	6.45	5.81	1.21	12.09	10.88	0.96	9.64	8.67	0.35	3.49	3.14	0.22	2.19	1.97	0.19	1.88	1.69	0.09	0.90	0.81	0.08	0.78	0.70	0.11	1.12	1.01	0.39	3.86	3.47	12,512	125,118	112,606		
1989	0.29	2.85	2.57	0.28	2.84	2.56	0.79	7.94	7.14	0.86	8.64	7.78	1.60	15.98	14.38	0.78	7.78	7.00	0.72	7.25	6.52	0.41	4.15	3.73	0.28	2.75	2.48	0.56	5.65	5.08	0.37	3.67	3.30	0.38	3.84	3.45	19,008	190,080	171,072		
1990	0.31	3.11	2.80	0.30	3.00	2.70	0.32	3.21	2.89	0.55	5.49	4.94	0.45	4.48	4.03	0.21	2.07	1.86	0.16	1.64	1.47	0.17	1.74	1.57	0.14	1.42	1.28	0.14	1.40	1.26	0.24	2.38	2.15	0.13	1.33	1.20	8,103	81,029	72,927		
1991	0.22	2.20	1.98	0.34	3.37	3.03	0.77	7.75	6.97	0.91	9.11	8.20	1.57	15.65	14.09	0.94	9.40	8.46	0.27	2.74	2.47	0.17	1.74	1.57	0.14	1.40	1.26	0.09	0.93	0.84	0.42	4.20	3.78	0.22	2.16	1.94					

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)  
TRESKA RIVER BASIN - B2-3

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	0.67	6.65	5.99	0.30	3.00	2.70	5.37	53.73	48.36	3.08	30.76	27.68	0.91	9.07	8.17	0.62	6.18	5.57	0.29	2.94	2.65	0.33	3.29	2.96	0.24	2.39	2.15	0.08	0.77	0.69	0.10	1.02	0.92	0.34	3.39	3.05	31,933	319,331	287,398
1962	0.33	3.34	3.00	1.04	10.45	9.40	3.73	37.30	33.57	1.82	18.18	16.36	1.23	12.28	11.05	0.72	7.19	6.47	0.27	2.74	2.47	0.35	3.54	3.18	0.34	3.35	3.02	0.78	7.81	7.03	3.87	38.70	34.83	2.35	23.48	21.14	43,638	436,375	392,738
1963	3.92	39.23	35.31	3.35	33.48	30.13	4.65	46.46	41.81	2.89	28.94	26.05	2.72	27.24	24.52	1.25	12.45	11.21	0.40	4.00	3.60	0.54	5.39	4.85	0.44	4.42	3.98	0.49	4.92	4.43	0.73	7.33	6.60	1.78	17.80	16.02	60,050	600,497	540,448
1964	0.70	7.00	6.30	0.55	5.50	4.95	0.94	9.37	8.44	0.68	6.81	6.13	0.90	9.02	8.12	0.70	7.04	6.34	0.74	7.41	6.67	0.46	4.56	4.10	0.31	3.11	2.80	0.25	2.48	2.23	1.17	11.73	10.56	0.72	7.22	6.50	21,059	210,594	189,535
1965	0.78	7.77	6.99	1.17	11.67	10.50	1.14	11.44	10.30	1.81	18.12	16.31	1.91	19.11	17.20	0.46	4.61	4.15	0.31	3.14	2.83	0.31	3.09	2.78	0.24	2.44	2.20	0.27	2.73	2.46	0.32	3.20	2.88	0.77	7.66	6.90	24,621	246,207	221,586
1966	0.82	8.23	7.40	1.72	17.22	15.50	0.72	7.20	6.48	1.71	17.08	15.37	0.77	7.69	6.93	0.65	6.55	5.89	0.53	5.26	4.74	0.13	1.28	1.16	0.12	1.18	1.06	0.35	3.45	3.11	0.95	9.51	8.56	1.02	10.19	9.17	24,587	245,871	221,284
1967	0.76	7.59	6.84	0.53	5.26	4.74	1.04	10.38	9.34	2.33	23.25	20.93	1.04	10.45	9.40	0.58	5.79	5.21	0.44	4.39	3.95	0.36	3.55	3.20	0.31	3.09	2.78	0.27	2.67	2.41	0.60	6.02	5.42	0.46	4.59	4.13	22,557	225,569	203,012
1968	0.57	5.67	5.10	0.94	9.41	8.47	0.64	6.43	5.79	0.83	8.35	7.51	0.70	6.98	6.28	0.50	4.97	4.47	0.29	2.92	2.63	0.25	2.49	2.24	0.35	3.46	3.11	0.34	3.38	3.04	0.37	3.73	3.35	0.37	3.66	3.29	15,925	159,252	143,327
1969	0.45	4.53	4.07	0.94	9.36	8.42	2.47	24.65	22.19	1.88	18.81	16.93	1.07	10.66	9.59	0.54	5.44	4.89	0.40	3.96	3.56	0.33	3.25	2.93	0.22	2.19	1.97	0.25	2.47	2.23	0.44	4.37	3.93	1.26	12.59	11.33	26,511	265,111	238,600
1970	0.78	7.81	7.03	0.85	8.47	7.63	2.01	20.08	18.07	1.85	18.54	16.69	0.88	8.79	7.91	0.53	5.33	4.80	0.29	2.94	2.65	0.30	3.03	2.73	0.32	3.16	2.85	0.30	2.98	2.68	0.36	3.60	3.24	0.71	7.10	6.39	23,807	238,072	214,265
1971	0.91	9.13	8.22	0.64	6.39	5.75	1.35	13.52	12.16	1.56	15.64	14.07	1.26	12.63	11.37	0.70	6.96	6.26	0.48	4.79	4.31	0.25	2.52	2.27	0.50	4.96	4.46	0.49	4.91	4.42	0.41	4.09	3.68	0.16	1.57	1.42	22,579	225,794	203,215
1972	0.56	5.63	5.07	0.86	8.62	7.76	0.88	8.77	7.89	1.22	12.22	11.00	0.59	5.95	5.35	0.37	3.72	3.35	0.41	4.07	3.66	0.29	2.95	2.65	0.50	5.01	4.51	0.72	7.15	6.44	0.70	7.01	6.31	0.40	4.03	3.63	19,474	194,736	175,262
1973	0.78	7.82	7.04	0.58	5.82	5.24	0.89	8.92	8.03	0.88	8.81	7.93	0.73	7.29	6.56	0.30	3.02	2.72	0.35	3.55	3.19	0.51	5.09	4.58	0.75	7.46	6.71	0.40	4.00	3.60	0.48	4.81	4.33	0.99	9.94	8.94	19,837	198,373	178,536
1974	0.69	6.90	6.21	1.21	12.12	10.91	1.43	14.35	12.91	1.24	12.39	11.15	1.98	19.82	17.84	0.90	8.97	8.07	0.47	4.75	4.27	0.27	2.75	2.47	0.38	3.84	3.46	0.52	5.22	4.70	0.55	5.52	4.96	0.50	5.01	4.51	26,342	263,423	237,080
1975	0.35	3.51	3.16	0.17	1.70	1.53	0.92	9.23	8.31	1.16	11.64	10.47	0.99	9.91	8.91	0.62	6.21	5.59	0.40	4.04	3.63	0.28	2.84	2.56	0.32	3.17	2.86	0.35	3.50	3.15	0.19	1.85	1.67	0.43	4.29	3.86	16,040	160,399	144,359
1976	0.65	6.52	5.86	0.44	4.43	3.99	0.78	7.81	7.03	0.65	6.53	5.87	0.93	9.33	8.40	0.76	7.60	6.84	0.38	3.81	3.43	0.34	3.39	3.05	0.41	4.09	3.68	0.42	4.18	3.76	0.58	5.77	5.19	1.68	16.82	15.13	20,807	208,068	187,261
1977	0.94	9.40	8.46	1.26	12.60	11.34	0.82	8.17	7.36	0.71	7.08	6.37	0.56	5.56	5.00	0.17	1.75	1.57	0.27	2.67	2.40	0.15	1.49	1.34	0.27	2.67	2.40	0.30	2.99	2.69	0.53	5.29	4.76	0.38	3.78	3.40	16,447	164,474	148,026
1978	0.68	6.80	6.12	0.73	7.34	6.61	0.70	7.00	6.30	1.70	17.01	15.31	1.60	15.98	14.38	0.59	5.88	5.29	0.33	3.34	3.01	0.25	2.55	2.29	0.39	3.92	3.53	0.28	2.85	2.56	0.29	2.89	2.60	0.84	8.37	7.54	21,756	217,564	195,808
1979	1.10	11.04	9.93	1.47	14.69	13.22	1.24	12.40	11.16	1.07	10.68	9.61	1.36	13.59	12.23	0.47	4.68	4.21	0.18	1.84	1.66	0.20	2.01	1.81	0.36	3.64	3.28	0.29	2.92	2.63	2.14	21.37	19.23	0.92	9.23	8.30	28,019	280,194	252,174
1980	0.76	7.62	6.86	1.04	10.44	9.39	1.56	15.64	14.07	1.08	10.76	9.69	2.06	20.62	18.56	0.72	7.22	6.50	0.51	5.12	4.61	0.24	2.38	2.14	0.20	1.97	1.77	0.47	4.74	4.27	0.75	7.51	6.76	0.85	8.52	7.67	26,579	265,792	239,213
1981	0.62	6.19	5.57	0.71	7.11	6.40	1.22	12.23	11.01	1.96	19.60	17.64	1.21	12.11	10.90	0.60	5.98	5.38	0.55	5.51	4.96	0.14	1.40	1.26	0.27	2.74	2.46	0.69	6.88	6.19	0.72	7.25	6.52	0.69	6.87	6.19	24,329	243,290	218,961
1982	1.11	11.07	9.96	0.68	6.81	6.13	1.06	10.61	9.55	0.87	8.69	7.82	0.92	9.24	8.32	0.52	5.22	4.70	0.27	2.67	2.41	0.37	3.75	3.37	0.30	3.04	2.73	0.29	2.87	2.59	0.35	3.51	3.16	0.76	7.60	6.84	19,463	194,631	175,168
1983	0.54	5.36	4.82	0.64	6.36	5.72	0.73	7.31	6.58	0.65	6.47	5.83	0.56	5.64	5.08	0.85	8.46	7.62	0.46	4.58	4.12	0.31	3.05	2.75	0.30	2.97	2.67	0.37	3.66	3.29	0.40	4.00	3.60	1.01	10.06	9.05	17,604	176,044	158,440
1984	0.62	6.19	5.57	0.84	8.39	7.55	0.77	7.67	6.90	2.30	22.97	20.67	1.42	14.16	12.74	0.40	4.05	3.64	0.46	4.57	4.11	0.34	3.42	3.08	0.21	2.09	1.88	0.32	3.23	2.91	0.67	6.67	6.00	0.77	7.72	6.95	23,617	236,172	212,555
1985	0.64	6.38	5.75	0.96	9.61	8.65	1.27	12.67	11.40	1.45	14.51	13.05	0.91	9.15	8.23	0.41	4.13	3.72	0.27	2.70	2.43	0.22	2.23	2.01	0.22	2.20	1.98	0.25	2.54	2.29	1.15	11.49	10.34	0.73	7.31	6.58	22,011	220,106	198,095
1986	1.35	13.47	12.13	2.44	24.42	21.98	1.97	19.73	17.76	1.55	15.53	13.97	1.38	13.80	12.42	0.84	8.37	7.54	0.51	5.09	4.58	0.35	3.46	3.11	0.30	3.00	2.70	0.32	3.18	2.86	0.32	3.20	2.88	0.34	3.38	3.04	30,228	302,285	272,056
1987	0.80	8.00	7.20	0.81	8.12	7.31	1.14	11.43	10.29	1.30	13.01	11.71	1.03	10.29	9.26	0.54	5.42	4.88	0.31	3.05	2.75	0.22	2.24	2.02	0.24	2.39	2.15	0.27	2.73	2.46	0.38	3.82	3.44	0.45	4.53	4.08	19,453	194,530	175,077
1988	0.35	3.48	3.13	0.44	4.40	3.96	0.74	7.35	6.62	0.85	8.51	7.66	0.54	5.40	4.86	0.29	2.85	2.57	0.22	2.24	2.02	0.21	2.08	1.87	0.20	2.00	1.80	0.22	2.22	2.00	0.49	4.94	4.44	0.48	4.81	4.33	13,037	130,366	117,329
1989	0.35	3.55	3.19	0.32	3.18	2.86	0.77	7.75	6.97	0.72	7.16	6.44	1.13	11.28	10.15	0.78	7.83	7.05	0.47	4.66	4.20	0.71	7.07	6.36	0.49	4.87	4.39	0.41	4.14	3.73	0.50	5.01	4.51	0.30	2.96	2.67	18,002	180,020	162,018
1990	0.38	3.77	3.40	0.30	2.97	2.67	0.25	2.47	2.22	0.71	7.06	6.36	0.55	5.54	4.99	0.22	2.21	1.99	0.09	0.93	0.83	0.13	1.33	1.20	0.15	1.48	1.33	0.20	1.99	1.79	0.24	2.44	2.19	0.35	3.53	3.17	9,256	92,558	83,303
1991	0.46	4.57	4.12	0.85	8.49	7.65	1.13	11.32	10.19	1.45	14.45	13.01	1.08	10.76	9.68	0.56	5.63	5.07	0.39	3.95	3.55	0.33	3.30	2.97	0.33	3.30	2.97	0.36	3.62	3.26	0.66	6.56	5.91	0.43	4.33	3.89	20,812	208,125	187,312
1992	0.39	3.89	3.50	0.41</																																			

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	1.91	20.62	18.72	1.60	16.20	14.60	4.49	44.56	40.07	8.93	84.87	75.93	4.74	42.97	38.23	2.48	22.41	19.93	1.81	11.07	9.26	2.24	7.16	4.91	2.08	6.34	4.25	1.03	6.68	5.65	1.34	14.51	13.17	1.08	12.01	10.93	87,447	750,106	662,659
1962	1.12	12.79	11.67	1.40	15.70	14.30	7.08	72.16	65.09	8.07	77.67	69.60	5.05	40.85	35.81	2.48	23.00	20.52	1.88	11.34	9.46	2.15	7.13	4.98	1.98	6.95	4.97	1.98	17.02	15.04	9.91	100.40	90.49	7.87	79.94	72.06	132,117	1,205,193	1,073,076
1963	11.98	121.33	109.35	12.30	124.62	112.32	11.36	114.81	103.45	10.07	97.45	87.38	9.59	92.97	83.37	6.29	60.01	53.72	2.92	23.61	20.69	2.95	15.70	12.75	2.62	15.79	13.17	2.68	25.28	22.61	2.17	22.68	20.51	4.87	49.95	45.08	206,835	1,980,799	1,773,964
1964	2.52	26.61	24.09	2.00	20.95	18.95	3.60	36.28	32.68	4.11	36.07	31.96	3.66	36.02	32.37	2.60	24.30	21.69	2.36	18.65	16.28	2.38	13.55	11.17	1.85	10.99	9.15	1.61	14.59	12.99	3.56	36.73	33.17	3.28	34.06	30.77	86,958	800,433	713,474
1965	3.12	32.71	29.60	2.34	25.10	22.76	6.14	61.11	54.97	6.83	63.83	57.00	7.76	71.02	63.25	3.96	36.61	32.65	2.18	12.65	10.47	2.35	10.60	8.25	2.40	8.35	5.94	1.46	7.79	6.33	1.07	12.00	10.93	2.62	27.44	24.81	109,499	956,981	847,482
1966	3.82	39.74	35.92	5.64	57.11	51.47	3.74	38.17	34.43	5.14	46.87	41.74	5.02	43.23	38.21	3.39	31.57	28.19	1.98	13.98	11.99	1.96	6.35	4.39	1.78	6.03	4.25	1.18	8.46	7.28	2.23	23.54	21.31	4.24	43.61	39.37	103,976	929,658	825,682
1967	2.66	27.98	25.31	1.96	20.04	18.08	3.92	39.50	35.58	5.25	49.07	43.82	5.79	55.06	49.27	2.32	21.87	19.56	2.04	19.54	17.49	2.29	9.25	6.96	1.95	8.83	6.88	1.11	7.85	6.74	0.87	9.95	9.08	1.41	15.34	13.93	81,865	736,883	655,019
1968	2.02	21.81	19.78	3.10	32.28	29.19	2.61	25.65	23.04	4.05	34.86	30.81	3.19	28.10	24.91	3.46	34.09	30.64	2.11	11.88	9.77	1.75	7.48	5.73	2.02	8.71	6.69	1.29	7.70	6.40	0.95	10.73	9.78	1.16	12.77	11.61	71,801	611,875	540,075
1969	1.29	14.41	13.13	3.20	33.63	30.43	6.09	62.21	56.12	7.02	67.10	60.08	7.46	65.26	57.81	2.32	19.68	17.37	1.72	10.78	9.06	1.88	7.13	5.25	1.94	7.57	5.63	1.34	6.61	5.26	0.59	6.71	6.12	2.71	28.27	25.57	97,309	853,738	756,429
1970	5.06	52.13	47.07	4.18	43.38	39.20	6.43	65.42	58.99	8.34	78.77	70.43	4.56	41.94	37.37	2.90	28.17	25.27	2.22	17.89	15.66	2.33	8.47	6.14	2.34	8.84	6.49	0.82	8.24	7.42	0.89	10.20	9.31	1.13	12.32	11.19	106,827	973,973	867,146
1971	4.02	41.75	37.73	1.98	21.40	19.42	4.03	41.47	37.43	5.87	54.01	48.14	4.86	41.22	36.36	2.75	24.47	21.72	1.65	11.07	9.42	1.92	8.02	6.10	1.62	10.68	9.06	1.58	11.30	9.72	0.83	9.09	8.26	0.86	9.74	8.88	82,871	736,664	653,793
1972	1.20	13.61	12.40	2.40	25.66	23.26	3.55	35.58	32.03	4.71	46.96	42.26	3.27	26.11	22.84	1.75	14.18	12.42	1.59	12.96	11.37	1.66	9.18	7.52	2.23	12.29	10.06	2.45	25.87	23.43	2.27	23.61	21.34	1.87	19.70	17.82	75,042	688,699	613,657
1973	1.52	16.76	15.24	2.82	29.60	26.78	3.01	31.00	27.99	6.29	58.21	51.92	5.92	51.28	45.36	2.35	19.89	17.54	1.64	12.38	10.75	2.00	11.44	9.44	3.83	22.51	18.68	2.18	14.94	12.76	1.52	15.72	14.20	3.52	35.89	32.38	94,796	828,440	733,644
1974	3.04	31.94	28.90	4.34	45.03	40.69	4.39	44.25	39.85	4.91	46.19	41.28	7.23	67.90	60.67	3.77	35.91	32.14	2.47	15.65	13.19	2.20	9.51	7.31	2.50	11.39	8.89	2.00	17.64	15.65	2.18	22.92	20.74	1.71	18.34	16.62	105,600	950,390	844,790
1975	1.29	14.17	12.87	0.86	10.04	9.17	2.14	22.11	19.97	4.39	40.61	36.23	4.32	38.75	34.43	2.17	20.41	18.24	1.43	10.57	9.14	1.91	6.90	5.00	2.01	6.81	4.80	1.44	13.11	11.66	1.12	12.48	11.36	1.61	17.24	15.63	63,988	552,584	488,596
1976	1.38	15.23	13.85	1.72	17.93	16.21	2.49	24.26	21.77	3.33	30.37	27.04	4.08	37.77	33.69	3.18	32.37	29.19	1.99	17.85	15.85	1.93	10.39	8.46	2.39	9.67	7.28	1.19	11.08	9.89	2.93	29.84	26.91	5.69	57.60	51.91	83,741	762,992	679,251
1977	2.53	26.87	24.34	5.87	59.43	53.56	3.22	31.79	28.57	3.50	30.13	26.63	2.76	21.61	18.85	1.62	13.07	11.45	1.47	7.12	5.65	1.78	6.51	4.73	1.61	7.39	5.78	1.50	8.88	7.38	1.19	13.20	12.01	1.44	15.65	14.21	73,869	626,341	552,472
1978	1.18	13.37	12.19	3.38	34.78	31.41	4.52	46.54	42.01	6.41	62.25	55.84	7.92	74.73	66.81	3.10	27.29	24.19	2.08	11.94	9.86	2.17	8.13	5.96	1.53	11.28	9.74	1.31	8.11	6.80	0.76	8.26	7.50	1.57	16.94	15.37	93,140	838,835	745,695
1979	4.41	45.68	41.27	5.30	53.75	48.45	3.49	34.45	30.96	5.25	50.81	45.56	5.63	55.29	49.66	3.02	27.78	24.77	2.04	12.03	9.99	1.11	5.56	4.44	2.08	9.57	7.49	0.85	9.55	8.70	6.06	61.89	55.83	2.68	27.97	25.29	108,633	1,022,100	913,467
1980	3.29	34.46	31.17	3.42	34.95	31.53	4.21	43.43	39.22	4.64	42.47	37.83	8.22	80.01	71.80	4.42	40.97	36.55	2.37	14.73	12.36	2.36	9.98	7.62	2.06	6.94	4.88	1.72	15.18	13.47	2.33	24.55	22.22	3.22	33.41	30.19	109,506	987,805	878,299
1981	1.87	20.22	18.36	2.50	26.68	24.17	7.11	70.31	63.20	6.24	59.75	53.52	4.69	39.59	34.90	2.40	22.58	20.18	1.90	13.90	12.00	1.60	8.54	6.94	2.03	10.48	8.46	2.12	21.66	19.53	2.16	22.85	20.69	5.20	53.25	48.05	103,178	958,568	855,390
1982	3.86	40.15	36.28	2.11	21.82	19.72	3.11	31.69	28.58	5.17	52.42	47.25	4.21	38.15	33.94	2.26	19.48	17.23	1.72	9.44	7.72	1.69	9.55	7.87	1.91	9.62	7.71	0.97	8.87	7.90	0.88	9.89	9.00	2.38	25.04	22.66	78,467	715,693	637,226
1983	1.28	14.26	12.98	2.42	25.55	23.13	2.55	24.53	21.98	3.60	30.80	27.20	2.43	19.30	16.87	2.62	26.15	23.54	2.45	22.71	20.25	2.06	8.33	6.26	1.56	9.22	7.65	1.29	7.88	6.59	1.31	14.34	13.04	2.26	23.85	21.58	66,949	588,153	521,205
1984	3.35	35.02	31.66	3.42	35.86	32.44	4.51	45.35	40.84	7.18	69.73	62.54	8.16	71.67	63.51	2.34	21.90	19.56	1.78	10.72	8.94	1.66	10.81	9.15	2.12	9.62	7.50	1.46	8.56	7.10	1.08	11.77	10.69	1.36	14.65	13.29	99,591	895,917	796,326
1985	2.23	23.90	21.67	2.83	28.69	25.86	4.12	41.53	37.41	5.75	55.24	49.49	4.76	44.80	40.04	2.05	18.07	16.02	1.68	8.79	7.11	2.10	5.91	3.81	1.92	5.59	3.67	1.07	5.69	4.62	3.37	35.02	31.65	2.26	23.62	21.36	88,480	769,428	680,948
1986	3.60	37.52	33.93	8.67	86.47	77.80	8.26	83.18	74.92	7.21	65.73	58.52	6.20	60.73	54.53	3.52	34.18	30.65	2.43	21.41	18.97	2.72	12.16	9.44	2.41	8.89	6.49	1.41	8.79	7.39	0.89	9.80	8.91	0.89	9.90	9.01	124,965	1,137,298	1,012,333
1987	1.94	20.93	18.99	3.18	33.43	30.25	2.85	30.28	27.43	5.43	51.24	45.80	5.33	45.46	40.13	2.49	23.51	21.02	1.88	11.51	9.64	2.05	6.51	4.46	1.88	5.50	3.62	0.66	7.70	7.04	0.86	9.91	9.04	1.44	15.56	14.12	77,720	677,896	600,176
1988	0.92	10.74	9.82	1.10	12.35	11.25	2.01	21.06	19.05	3.64	31.30	27.66	3.40	24.58	21.19	1.19	10.57	9.38	1.45	5.96	4.51	2.06	5.28	3.22	1.57	4.73	3.16	0.72	5.09	4.36	0.79	9.13	8.34	1.84	19.65	17.80	53,632	415,849	362,217
1989	1.08	11.85	10.77	1.00	11.29	10.29	2.81	28.35	25.54	2.75	22.73	19.98	3.98	37.38	33.39	2.46	22.69	20.23	1.85	16.84	14.98	2.67	13.00	10.33	2.41	13.10	10.69	1.61	15.57	13.97	1.32	14.31	12.99	1.39	14.96	13.57	65,661	575,622	509,961
1990	1.04	11.55	10.51	1.02	11.53	10.51	1.14	10.26	9.12	2.32	20.19	17.87	2.39	16.96	14.57	1.25	9.04	7.79	1.09	4.68	3.59	1.40	4.39	2.99	1.55	5.06	3.51	1.10	5.54	4.44	0.62	7.48	6.86	1.22	13.38	12.16	41,845	311,196	269,351

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

Year	PCHINJA RIVER BASIN - B3-1																														Average Annual Balance								
	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			TD	TS	Net
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net						
1961	0.42	4.15	3.74	0.34	3.36	3.02	0.83	8.20	7.37	0.56	5.23	4.67	1.40	13.69	12.29	0.77	7.42	6.64	0.35	2.80	2.45	0.24	1.32	1.08	0.21	1.13	0.92	0.36	3.26	2.90	0.64	6.43	5.79	0.58	5.80	5.22	17,370	162,731	145,361
1962	0.55	5.46	4.92	0.57	5.65	5.08	1.92	19.18	17.26	1.10	10.68	9.58	0.32	2.63	2.32	0.20	1.78	1.59	0.23	1.57	1.35	0.20	1.12	0.92	0.19	1.06	0.87	0.27	2.45	2.18	0.66	6.63	5.97	0.69	6.90	6.21	17,865	168,798	150,934
1963	1.33	13.34	12.00	1.55	15.51	13.96	0.63	6.23	5.60	1.39	13.67	12.27	0.94	9.04	8.10	0.93	8.91	7.98	0.41	3.47	3.06	0.30	2.04	1.74	0.25	1.66	1.42	0.26	2.50	2.24	0.24	2.35	2.11	0.30	3.02	2.71	22,126	211,842	189,716
1964	0.63	6.31	5.68	0.72	7.14	6.41	0.61	5.96	5.35	0.49	4.59	4.11	1.02	9.88	8.86	0.72	6.77	6.05	0.49	4.44	3.95	0.18	0.95	0.77	0.15	1.00	0.85	0.14	1.40	1.26	0.52	5.23	4.71	0.55	5.48	4.93	16,129	153,344	137,215
1965	0.63	6.32	5.68	0.40	4.04	3.64	0.96	9.44	8.48	1.12	10.92	9.81	1.31	12.76	11.45	0.55	5.10	4.55	0.18	1.35	1.17	0.16	1.01	0.85	0.17	0.73	0.56	0.11	0.71	0.59	0.08	0.82	0.74	0.26	2.59	2.33	15,396	144,628	129,232
1966	0.93	9.34	8.40	1.44	14.31	12.87	0.79	7.81	7.02	1.25	12.16	10.91	0.78	7.27	6.49	0.75	7.21	6.46	0.20	1.28	1.08	0.21	1.02	0.81	0.14	0.62	0.48	0.13	1.06	0.93	0.47	4.68	4.21	0.51	5.13	4.61	19,684	186,303	166,618
1967	0.71	7.12	6.41	0.57	5.62	5.04	1.16	11.49	10.33	1.12	10.92	9.81	0.75	7.13	6.37	0.76	7.31	6.55	0.48	4.60	4.12	0.21	1.25	1.04	0.20	1.25	1.05	0.29	2.50	2.22	0.16	1.58	1.42	0.56	5.59	5.03	18,046	171,990	153,944
1968	0.38	3.83	3.45	0.73	7.26	6.53	0.76	7.43	6.67	0.47	4.35	3.88	0.25	2.29	2.04	0.33	3.18	2.85	0.14	0.68	0.54	0.21	1.42	1.22	0.20	1.16	0.96	0.16	1.22	1.06	0.21	2.08	1.87	0.25	2.55	2.29	10,630	97,059	86,428
1969	0.59	5.87	5.28	1.33	13.27	11.94	1.43	14.24	12.82	1.21	11.79	10.58	0.57	5.00	4.44	0.38	3.47	3.09	0.32	2.56	2.24	0.22	1.34	1.12	0.19	0.95	0.76	0.11	0.68	0.57	0.10	0.96	0.86	0.24	2.44	2.19	17,313	162,160	144,846
1970	0.63	6.31	5.68	0.72	7.17	6.46	1.23	12.14	10.91	0.78	7.48	6.70	0.99	9.59	8.60	0.61	5.79	5.18	0.88	8.41	7.53	0.36	2.55	2.20	0.30	2.09	1.79	0.33	3.26	2.93	0.36	3.62	3.26	0.51	5.15	4.63	19,949	190,681	170,732
1971	1.21	12.12	10.91	0.42	4.19	3.78	1.37	13.66	12.30	1.22	11.77	10.55	0.42	3.83	3.41	0.42	3.89	3.46	0.31	2.75	2.44	0.17	0.83	0.66	0.43	3.74	3.31	0.25	2.10	1.85	0.21	2.08	1.86	0.30	3.02	2.72	17,437	165,817	148,380
1972	0.22	2.21	1.99	0.38	3.79	3.41	0.40	3.89	3.49	0.36	3.43	3.07	0.45	4.03	3.58	0.13	0.83	0.70	0.18	1.46	1.28	0.16	0.86	0.70	0.44	4.08	3.63	1.35	13.50	12.15	0.46	4.61	4.15	0.35	3.54	3.19	12,660	119,772	107,112
1973	0.19	1.94	1.74	0.45	4.49	4.04	0.79	7.90	7.11	1.37	13.54	12.16	0.83	7.69	6.86	0.32	2.76	2.44	0.29	2.48	2.19	0.17	1.02	0.84	0.45	3.52	3.06	0.27	2.25	1.98	0.26	2.61	2.35	0.57	5.72	5.15	15,502	144,913	129,410
1974	0.60	5.98	5.38	1.26	12.56	11.30	1.04	10.34	9.30	0.81	7.91	7.09	1.38	13.74	12.36	0.97	9.59	8.62	0.45	3.74	3.30	0.22	1.25	1.03	0.25	1.89	1.64	0.27	2.49	2.22	0.34	3.36	3.02	0.21	2.06	1.85	20,192	194,144	173,952
1975	0.27	2.74	2.46	0.29	2.79	2.50	0.69	6.87	6.18	0.49	4.52	4.02	0.69	6.61	5.92	0.65	6.40	5.74	0.42	3.71	3.29	0.20	1.19	1.00	0.23	1.42	1.19	0.23	2.16	1.93	0.27	2.64	2.38	0.32	3.22	2.90	12,320	114,736	102,415
1976	0.29	2.94	2.65	0.40	3.97	3.57	0.42	4.08	3.65	0.92	8.86	7.94	0.75	7.27	6.52	0.68	6.53	5.85	0.61	5.85	5.24	0.49	4.06	3.57	0.33	2.43	2.10	0.59	5.55	4.97	1.20	11.95	10.75	1.29	12.88	11.59	20,659	197,954	177,295
1977	0.58	5.76	5.18	1.45	14.47	13.02	1.08	10.74	9.66	0.68	6.45	5.76	0.39	3.42	3.03	0.24	2.12	1.88	0.18	1.20	1.02	0.19	1.15	0.96	0.17	0.81	0.64	0.13	0.96	0.82	0.18	1.80	1.62	0.23	2.28	2.05	14,268	132,568	118,300
1978	0.32	3.23	2.90	0.67	6.63	5.96	0.80	7.90	7.10	0.99	9.62	8.63	0.80	7.60	6.80	0.45	4.00	3.55	0.19	1.21	1.02	0.16	0.63	0.48	0.21	1.56	1.35	0.15	1.11	0.96	0.10	0.98	0.88	0.28	2.84	2.56	13,242	122,566	109,325
1979	0.50	5.02	4.52	0.77	7.65	6.88	0.33	3.18	2.85	0.93	9.12	8.18	0.34	3.05	2.71	0.24	2.08	1.85	0.16	1.05	0.89	0.17	1.12	0.95	0.20	1.13	0.93	0.13	0.96	0.83	0.30	3.05	2.74	0.22	2.17	1.95	11,111	102,552	91,441
1980	0.36	3.56	3.21	0.47	4.62	4.15	0.87	8.60	7.74	0.77	7.33	6.56	1.54	15.16	13.63	0.68	6.47	5.79	0.22	1.51	1.29	0.19	1.07	0.88	0.15	0.75	0.60	0.21	1.85	1.64	0.23	2.34	2.11	0.35	3.51	3.16	15,626	147,186	131,561
1981	0.18	1.77	1.60	0.56	5.54	4.98	1.14	11.27	10.13	0.51	4.85	4.34	0.47	4.11	3.64	0.19	1.54	1.36	0.15	1.06	0.91	0.22	1.51	1.28	0.21	1.68	1.47	0.26	2.37	2.11	0.38	3.77	3.39	1.15	11.46	10.31	14,023	132,018	117,996
1982	0.69	6.89	6.20	0.30	2.93	2.63	0.74	7.31	6.57	1.29	12.80	11.51	1.07	10.34	9.27	0.24	1.94	1.70	0.19	1.34	1.16	0.20	1.08	0.88	0.16	0.64	0.48	0.12	0.80	0.68	0.14	1.37	1.23	0.19	1.90	1.71	13,819	127,910	114,091
1983	0.15	1.53	1.38	0.37	3.67	3.30	0.43	4.15	3.72	0.49	4.53	4.04	0.17	1.36	1.19	0.70	6.95	6.24	0.86	8.26	7.40	0.28	2.03	1.74	0.20	1.39	1.19	0.14	1.06	0.92	0.15	1.45	1.31	0.26	2.58	2.32	10,871	100,937	90,066
1984	0.23	2.27	2.04	0.82	8.19	7.37	1.19	11.83	10.64	1.31	12.86	11.55	0.47	4.08	3.62	0.18	1.43	1.25	0.14	0.69	0.56	0.15	0.83	0.68	0.15	0.76	0.61	0.12	0.80	0.68	0.12	1.12	1.01	0.09	0.94	0.84	12,851	118,748	105,897
1985	0.36	3.64	3.28	0.32	3.14	2.82	1.03	10.23	9.20	0.99	9.57	8.58	0.77	7.47	6.70	0.26	2.22	1.96	0.17	0.92	0.76	0.15	0.56	0.42	0.15	0.52	0.37	0.09	0.51	0.42	0.25	2.51	2.26	0.13	1.31	1.18	12,078	110,410	98,332
1986	0.32	3.20	2.88	1.14	11.32	10.18	1.03	10.14	9.12	0.48	4.54	4.06	0.41	3.76	3.35	0.26	2.25	1.99	0.21	1.75	1.55	0.15	0.60	0.45	0.16	0.65	0.49	0.10	0.64	0.54	0.06	0.62	0.56	0.06	0.61	0.55	11,361	103,938	92,576
1987	0.13	1.31	1.18	0.26	2.55	2.29	0.43	4.25	3.82	0.92	8.95	8.03	0.96	9.09	8.13	0.39	3.54	3.15	0.19	1.20	1.01	0.12	0.44	0.32	0.12	0.31	0.19	0.11	1.01	0.89	0.17	1.72	1.54	0.24	2.37	2.14	10,486	95,184	84,698
1988	0.19	1.93	1.73	0.24	2.31	2.08	0.54	5.34	4.80	0.75	7.21	6.46	0.27	2.26	1.99	0.28	2.48	2.20	0.18	1.21	1.03	0.14	0.45	0.31	0.16	0.61	0.45	0.13	0.96	0.83	0.18	1.76	1.58	0.31	3.07	2.76	8,742	76,710	67,967
1989	0.14	1.43	1.28	0.23	2.25	2.01	0.42	4.04	3.62	0.49	4.78	4.29	1.04	10.00	8.96	0.83	8.27	7.44	0.45	4.08	3.62	0.28	2.06	1.78	0.27	1.76	1.49	0.45	4.25	3.80	0.42	4.19	3.77	0.35	3.53	3.18	13,989	131,246	117,257
1990	0.26	2.63	2.37	0.28	2.69	2.41	0.34	3.19	2.86	0.45	4.33	3.87	0.44	3.82	3.39	0.24	1.99	1.76	0.16	0.86	0.71	0.12	0.37	0.26	0.13	0.34	0.21	0.07	0.39	0.32	0.04	0.42	0.38	0.17	1.74	1.57	6,993	59,046	52,053
1991	0.08	0.76	0.68	0.23	2.25	2.02	0.71	7.04	6.32	1.07	10.54	9.47	1.24	11.93	10.69	0.69	6.48	5.78	0.22	1.89	1.67	0.20	1.18	0.97	0.14	0.66	0.51	0.13	0.93	0.80	0.19	1.92	1.73	0.19	1.88	1.69	13,159	122,950	109,791
1992	0.16	1.61	1.45	0.19	1.76	1.57	0.48	4.63	4.15	1.20	11.83	10.63</																											

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

Year	PCHINJA RIVER BASIN - B3-2																														Average Annual Balance									
	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			TD	TS	Net	
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net							
1961	0.30	3.12	2.81	1.47	2.32	0.85	2.48	3.95	1.47	6.56	5.11	-1.45	5.08	8.26	3.18	6.15	3.53	-2.62	12.40	1.56	-10.84	17.90	0.64	-17.26	16.15	0.67	-15.47	6.24	1.11	-5.14	0.38	3.07	2.68	0.32	3.98	3.66	195,507	96,720	-98,787	
1962	0.57	4.98	4.42	1.04	6.59	5.55	2.55	20.23	17.67	6.16	13.53	7.37	9.93	6.16	-3.77	4.32	3.15	-1.17	11.62	1.89	-9.73	15.72	0.77	-14.96	14.51	0.69	-13.82	4.17	1.38	-2.79	0.60	6.79	6.19	0.65	7.25	6.61	186,210	190,290	4,080	
1963	1.32	13.27	11.95	1.51	15.21	13.70	2.60	8.31	5.71	6.47	15.75	9.28	7.43	11.40	3.97	7.23	8.39	1.16	10.66	4.14	-6.51	16.72	2.28	-14.44	14.22	2.68	-11.54	2.73	4.00	1.28	0.83	3.66	2.83	0.44	5.20	4.76	187,026	244,412	57,386	
1964	0.50	2.78	2.28	1.26	3.43	2.17	2.56	4.78	2.22	4.93	4.18	-0.75	6.41	5.91	-0.50	7.23	3.84	-3.39	7.93	2.07	-5.86	15.16	1.58	-13.58	8.87	2.30	-6.57	1.05	4.26	3.22	0.71	6.37	5.66	0.51	5.94	5.42	148,050	122,923	-25,127	
1965	0.78	7.93	7.15	0.70	5.58	4.88	3.07	7.44	4.37	5.88	9.14	3.26	6.25	10.45	4.19	6.85	5.66	-1.18	8.47	3.13	-5.34	10.98	1.14	-9.84	16.48	0.89	-15.59	7.89	1.25	-6.63	0.09	1.74	1.65	0.24	3.19	2.95	175,419	149,165	-26,254	
1966	0.37	3.75	3.39	1.82	8.94	7.12	1.88	4.96	3.08	6.44	6.28	-0.16	9.42	6.43	-2.99	6.57	8.60	2.02	12.90	3.47	-9.43	17.88	2.33	-15.56	13.23	1.07	-12.16	3.95	2.28	-1.67	0.18	2.65	2.47	0.31	3.88	3.57	194,265	141,586	-52,679	
1967	0.61	3.84	3.23	1.59	3.61	2.01	2.53	5.20	2.67	5.05	6.34	1.29	7.04	5.03	-2.01	4.93	3.11	-1.82	3.80	3.93	0.13	15.32	2.13	-13.19	12.97	1.14	-11.84	6.20	1.48	-4.72	0.15	1.52	1.37	0.11	1.91	1.80	156,313	101,706	-54,608	
1968	0.28	2.84	2.57	1.09	5.53	4.44	3.09	6.14	3.05	6.64	6.44	-0.20	4.30	4.06	-0.24	3.24	5.05	1.82	13.28	2.53	-10.75	11.24	3.17	-8.07	14.91	3.41	-11.50	6.59	0.79	-5.80	0.08	1.60	1.52	0.16	2.42	2.26	168,189	114,022	-54,167	
1969	0.38	3.92	3.54	0.93	9.36	8.44	1.63	11.69	10.06	5.84	9.58	3.74	12.03	8.03	-4.00	6.72	3.57	-3.15	11.85	2.45	-9.40	14.44	1.38	-13.06	15.95	1.34	-14.61	7.84	0.82	-7.02	0.56	0.93	0.38	0.16	2.36	2.21	203,022	143,701	-59,320	
1970	0.39	4.03	3.63	0.67	4.49	3.82	3.09	8.53	5.44	6.48	7.50	1.02	6.76	7.81	1.05	6.04	4.33	-1.71	6.93	6.84	-0.09	17.38	1.36	-16.02	14.68	1.02	-13.66	0.53	2.26	1.73	0.49	3.38	2.89	0.37	3.74	3.37	165,454	143,346	-22,108	
1971	0.44	3.73	3.29	0.42	3.57	3.15	0.95	8.82	7.87	7.68	9.97	2.29	6.55	4.74	-1.81	6.27	2.16	-4.10	6.24	1.10	-5.14	14.78	0.37	-14.42	10.23	0.90	-9.33	6.58	0.66	-5.93	0.55	0.86	0.31	0.17	0.96	0.79	157,749	98,094	-59,655	
1972	0.09	0.98	0.89	0.28	2.15	1.87	2.94	3.12	0.19	3.57	3.19	-0.38	8.01	3.06	-4.95	7.17	1.34	-5.83	5.41	1.56	-3.85	11.79	1.48	-10.31	5.97	2.35	-3.62	0.97	9.81	8.84	0.80	5.74	4.94	0.59	4.37	3.78	123,356	101,487	-21,869	
1973	0.59	5.23	4.64	1.27	8.12	6.85	1.70	10.21	8.51	5.16	16.82	11.65	10.88	9.95	-0.93	8.31	3.72	-4.58	7.78	3.10	-4.68	11.87	2.34	-9.53	17.33	3.83	-13.50	8.20	4.38	-3.82	1.09	4.73	3.64	0.92	7.72	6.80	194,682	207,794	13,111	
1974	0.33	3.40	3.07	0.65	6.62	5.97	2.68	6.79	4.11	4.84	8.01	3.18	3.47	12.99	9.52	3.37	8.92	5.56	-1.71	6.93	6.84	-0.09	17.38	1.36	-16.02	14.68	1.02	-13.66	0.53	2.26	1.73	0.49	3.38	2.89	0.37	3.74	3.37	165,454	143,346	-22,108
1975	0.52	2.19	1.67	1.14	1.44	0.30	2.25	7.12	4.87	7.52	5.42	-2.11	6.16	7.95	1.78	2.83	6.96	4.13	7.83	3.41	-4.42	13.22	0.95	-12.28	15.00	1.96	-13.04	2.77	2.87	0.10	0.56	3.35	2.79	0.48	4.04	3.56	156,271	123,488	-32,783	
1976	0.44	2.18	1.74	1.21	2.87	1.66	3.16	3.00	-0.16	6.56	5.22	-1.34	4.78	5.99	1.21	5.53	5.15	0.38	4.56	3.29	-1.26	14.44	5.70	-8.73	16.04	3.15	-12.89	5.60	6.32	0.72	1.65	10.33	8.67	1.03	8.76	7.73	168,458	160,595	-7,862	
1977	0.72	6.53	5.81	1.56	7.87	6.31	2.90	6.57	3.68	7.13	6.00	-1.13	7.98	5.13	-2.85	4.99	2.80	-2.19	9.71	1.66	-8.04	13.12	0.99	-12.12	16.14	0.84	-15.31	6.33	1.19	-5.14	0.40	1.69	1.29	0.14	1.46	1.32	184,321	110,747	-73,574	
1978	0.30	1.55	1.25	1.11	4.24	3.13	2.31	6.09	3.79	5.03	8.53	3.49	7.25	9.03	1.78	8.18	5.02	-3.16	11.88	1.03	-10.85	16.53	0.64	-15.89	9.07	2.29	-6.78	6.53	1.72	-4.81	0.60	1.40	0.80	0.34	4.15	3.81	179,220	118,484	-60,735	
1979	0.71	6.38	5.68	1.73	7.26	5.53	2.59	3.49	0.90	5.13	10.24	5.11	6.91	4.71	-2.20	5.36	2.24	-3.12	9.36	1.08	-8.29	9.98	1.58	-8.39	14.08	1.29	-12.79	5.11	1.45	-3.66	0.45	5.29	4.84	0.38	3.83	3.45	160,148	126,572	-33,575	
1980	0.59	4.41	3.82	1.55	4.67	3.13	2.32	7.08	4.75	6.45	7.20	0.74	5.50	14.02	8.52	7.17	6.13	-1.04	11.55	1.30	-10.24	14.17	0.95	-13.22	12.50	1.02	-11.47	4.16	2.81	-1.35	0.31	3.18	2.87	0.26	3.37	3.11	172,449	145,557	-26,892	
1981	0.36	2.92	2.56	0.77	4.73	3.96	3.16	12.26	9.10	5.22	7.15	1.93	10.64	5.28	-5.36	5.93	2.30	-3.63	8.25	1.79	-6.46	12.89	1.56	-11.34	7.46	2.28	-5.18	4.51	2.44	-2.07	0.37	4.48	4.11	0.95	10.28	9.33	156,821	148,943	-7,878	
1982	0.98	6.77	5.79	0.99	3.77	2.78	2.59	6.53	3.95	3.24	10.77	7.53	7.76	8.56	0.80	7.77	3.18	-4.58	9.86	1.40	-8.46	16.26	1.30	-14.06	16.43	0.73	-15.70	6.08	1.03	-5.05	0.54	2.38	1.84	0.23	3.06	2.83	188,481	128,238	-60,243	
1983	0.39	2.46	2.07	1.03	3.37	2.34	2.59	3.43	0.84	6.39	4.90	-1.49	5.70	2.52	-3.18	2.28	4.34	2.06	5.97	4.94	-1.03	14.20	2.00	-12.20	10.17	1.93	-8.24	6.56	1.24	-5.32	0.08	1.65	1.56	0.34	2.70	2.36	144,401	91,965	-52,436	
1984	0.24	2.52	2.28	1.26	7.22	5.97	1.80	8.00	6.21	5.37	9.39	4.02	10.67	7.16	-3.52	6.80	2.01	-4.79	11.52	0.66	-10.86	11.02	1.15	-9.87	12.32	1.35	-10.96	7.01	1.01	-6.00	0.34	1.09	0.75	0.17	0.96	0.79	177,575	110,248	-67,327	
1985	0.27	1.98	1.72	1.37	2.89	1.52	1.75	6.79	5.04	6.00	5.80	-0.21	4.95	5.29	0.34	6.62	2.12	-4.49	12.67	0.67	-11.99	15.26	0.35	-14.91	16.13	0.57	-15.56	6.43	0.66	-5.76	0.13	2.14	2.00	0.17	1.75	1.58	185,980	80,421	-105,559	
1986	0.31	3.22	2.91	2.37	8.24	5.87	2.96	8.73	5.77	5.66	6.10	0.44	6.28	4.71	-1.57	6.57	2.75	-3.82	6.21	2.81	-3.40	15.42	1.32	-14.10	15.77	0.83	-14.94	6.52	0.86	-5.67	0.32	0.89	0.57	0.11	1.11	1.00	177,540	107,739	-69,801	
1987	0.17	1.77	1.60	1.02	2.54	1.52	1.14	4.50	3.36	5.51	10.12	4.61	8.76	9.24	0.48	7.09	3.57	-3.52	12.95	0.98	-11.98	12.07	0.50	-11.57	14.66	0.70	-13.96	2.18	0.90	-1.28	0.38	1.49	1.12	0.16	1.65	1.48	171,292	98,393	-72,899	
1988	0.37	1.48	1.11	0.91	1.48	0.57	2.12	4.27	2.15	6.84	8.56	1.73	8.63	3.98	-4.05	5.85	1.75	-4.10	11.13	0.63	-10.50	16.77	0.28	-16.49	16.20	0.39	-15.80	5.89	0.74	-5.15	0.05	1.35	1.29	0.09	1.70	1.61	194,002	68,976	-125,027	
1989	0.58	1.23	0.65	1.06	1.44	0.38	2.93	2.99	0.06	3.43	3.99	0.56	7.35	6.60	-0.74	1.54	7.52	5.99	8.25	5.40	-2.22	13.15	1.82	-11.33	16.35	1.91	-14.44	4.70	2.79	-1.91	0.51	3.58	3.07	0.25	2.50	2.25	155,752	108,274	-47,478	
1990	0.57	1.85	1.28	1.43	1.99	0.56	3.19	1.77	-1.43	4.07	3.65	-0.42	9.08	2.77	-6.32	7.17	1.18	-5.99	11.88	0.33	-11.55	14.26	0.34	-13.91	16.81	0.38	-16.44	5.32	0.48	-4.84	0.15	0.77	0.62	0.15	2.33	2.18	192,029	46,216	-145,813	
1991	0.21	1.40	1.20	0.98	2.89	1.92	2.23	4.57	2.34	2.98	8.21	5.23	8.34	12.08	3.74	7.83	6.89	-0.94	5.29	2.45	-2.84	14.52	1.61	-12.90	13.02	0.87	-12.15	5.95	2.13	-3.83	0.25	3.33	3.08	0.29	2.16	1.87	160,425	125,973	-34,452	
1992	0.62</																																							



AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

PCHINIA RIVER BASIN - B3-3

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	0.30	1.24	0.94	0.89	1.15	0.26	1.38	1.78	0.40	3.23	1.38	1.86	2.61	3.27	0.66	3.13	1.40	1.73	6.04	0.56	5.48	8.62	0.33	8.29	7.78	0.32	7.46	3.14	0.47	2.67	0.34	1.17	0.82	0.26	1.19	0.93	97,822	36,939	60,883
1962	0.29	0.84	0.55	0.48	1.02	0.54	0.87	3.93	3.06	2.81	2.91	0.10	4.76	1.14	3.63	2.25	0.93	1.32	5.68	0.57	5.10	7.60	0.37	7.23	7.02	0.32	6.70	2.17	0.58	1.59	0.34	1.83	1.49	0.34	1.95	1.62	89,683	42,465	47,218
1963	0.47	2.95	2.48	0.59	3.93	3.34	1.28	2.23	0.94	2.83	2.79	0.04	3.40	1.68	1.72	3.45	1.60	1.85	5.13	0.58	4.55	8.01	0.39	7.61	6.81	0.45	6.36	1.37	0.59	0.78	0.47	0.62	0.15	0.22	0.83	0.60	88,211	48,303	39,908
1964	0.33	0.51	0.18	0.73	0.99	0.26	1.37	1.59	0.22	2.52	1.55	0.98	3.21	1.91	1.30	3.64	1.37	2.27	3.94	0.67	3.27	7.31	0.39	6.92	4.34	0.50	3.84	0.59	0.76	0.18	0.36	1.33	0.97	0.28	1.40	1.12	74,189	33,629	40,560
1965	0.35	1.77	1.42	0.37	1.08	0.70	1.55	2.33	0.78	2.81	2.23	0.58	2.97	2.41	0.55	3.31	0.96	2.34	4.13	0.41	3.72	5.38	0.35	5.03	7.93	0.32	7.61	3.90	0.33	3.56	0.19	0.39	0.20	0.22	0.77	0.56	85,793	34,669	51,124
1966	0.38	2.06	1.68	0.87	2.45	1.58	0.99	1.18	0.19	3.15	1.61	1.53	4.51	1.14	3.38	3.09	1.30	1.79	6.17	0.37	5.80	8.56	0.46	8.10	6.40	0.31	6.09	2.00	0.37	1.63	0.22	0.68	0.46	0.26	1.16	0.90	94,850	33,909	60,941
1967	0.41	1.25	0.84	0.89	1.09	0.20	1.33	1.60	0.27	2.50	1.64	0.86	3.47	1.31	2.16	2.54	0.88	1.66	1.96	0.95	1.02	7.38	0.39	7.00	6.29	0.35	5.95	3.10	0.38	2.72	0.24	0.45	0.21	0.21	0.69	0.48	78,589	28,465	50,124
1968	0.26	0.89	0.63	0.57	1.21	0.64	1.49	1.02	0.47	3.14	0.84	2.31	2.17	0.66	1.51	1.65	0.78	0.87	6.38	0.32	6.06	5.42	0.37	5.05	7.11	0.44	6.67	3.32	0.39	2.93	0.21	0.60	0.39	0.22	0.76	0.54	82,787	21,457	61,330
1969	0.28	1.04	0.77	0.43	2.40	1.97	0.71	2.68	1.97	2.77	2.17	0.60	5.64	1.12	1.57	3.31	0.64	2.67	5.74	0.51	5.23	6.99	0.39	6.59	7.68	0.37	7.31	3.90	0.34	3.56	0.45	0.42	0.003	0.22	0.83	0.61	98,800	33,496	65,304
1970	0.35	1.74	1.39	0.49	1.83	1.35	1.53	2.48	0.95	3.12	1.67	1.45	3.27	1.78	1.49	2.99	1.10	1.90	3.30	1.22	2.08	8.38	0.46	7.91	7.11	0.50	6.61	0.43	0.61	0.19	0.34	0.78	0.43	0.27	0.94	0.67	81,808	39,137	42,670
1971	0.35	1.39	1.04	0.33	1.02	0.69	0.49	2.26	1.77	3.57	1.83	1.74	3.21	0.90	2.32	3.18	0.81	2.38	3.19	0.44	2.75	7.20	0.36	6.84	5.04	0.57	4.48	3.33	0.49	2.84	0.45	0.44	0.002	0.26	0.51	0.24	79,345	28,504	50,840
1972	0.23	0.62	0.38	0.32	0.87	0.56	1.55	0.94	0.61	1.87	0.82	1.04	3.98	0.92	3.06	3.62	0.47	3.15	2.78	0.44	2.57	5.74	0.37	5.38	3.04	0.87	2.16	0.43	2.13	1.70	0.41	1.04	0.64	0.34	0.86	0.53	63,013	26,843	36,170
1973	0.27	0.58	0.31	0.51	1.01	0.50	0.71	1.59	0.88	2.15	2.53	0.39	5.06	1.55	3.51	4.05	0.72	3.33	3.87	0.67	3.19	5.76	0.47	5.29	8.24	0.85	7.39	3.93	0.63	1.29	0.55	0.70	0.14	0.37	1.22	0.85	91,904	32,445	59,458
1974	0.30	1.26	0.96	0.43	2.37	1.94	1.37	1.99	0.62	2.31	1.58	0.72	1.56	2.57	1.00	1.66	1.96	0.31	6.07	0.88	5.19	7.98	0.47	7.51	5.08	0.57	4.50	1.63	0.67	0.96	0.35	0.82	0.47	0.20	0.60	0.40	74,996	40,837	34,160
1975	0.39	0.72	0.33	0.74	0.73	0.01	1.09	1.41	0.32	3.63	1.02	2.62	2.93	1.37	1.56	1.42	1.33	0.08	3.89	0.88	3.01	6.44	0.46	5.98	7.22	0.50	6.72	1.45	0.70	0.76	0.37	0.74	0.36	0.30	0.84	0.54	77,430	27,671	49,759
1976	0.34	0.60	0.26	0.76	1.34	0.58	1.65	0.76	0.88	3.28	1.79	1.49	2.45	2.02	0.44	2.85	2.24	0.61	2.36	0.92	1.44	6.80	0.42	6.38	7.63	0.24	7.39	2.63	0.80	1.83	0.70	2.14	1.44	0.51	2.56	2.05	82,844	41,036	41,808
1977	0.30	0.95	0.64	0.72	1.60	0.88	1.42	1.39	0.03	3.42	1.08	2.35	3.87	0.94	2.93	2.55	0.68	1.87	4.79	0.42	4.37	6.39	0.27	6.12	7.78	0.28	7.50	3.17	0.34	2.83	0.34	0.36	0.02	0.24	0.62	0.38	90,685	23,111	67,574
1978	0.30	0.51	0.21	0.67	1.54	0.87	1.22	1.95	0.73	2.51	2.86	0.35	3.51	2.38	1.13	4.01	1.48	2.54	5.79	0.27	5.52	7.98	0.15	7.83	4.45	0.40	4.04	3.25	0.45	2.80	0.45	0.42	0.004	0.26	1.19	0.93	89,148	35,216	53,933
1979	0.34	1.26	0.93	0.77	1.01	0.24	1.35	0.70	0.65	2.32	1.35	0.97	3.46	1.54	1.93	2.74	0.73	2.01	4.64	0.41	4.23	4.91	0.36	4.55	6.81	0.36	6.45	2.60	0.46	2.13	0.45	2.97	2.52	0.29	1.10	0.81	79,458	31,714	47,744
1980	0.42	1.77	1.34	0.88	1.77	0.89	1.16	1.75	0.58	3.06	1.14	1.92	2.55	3.37	0.82	3.57	2.11	1.46	5.67	0.48	5.19	6.86	0.28	6.59	6.07	0.28	5.79	2.11	0.68	1.43	0.27	0.81	0.54	0.28	1.38	1.11	85,285	40,995	44,290
1981	0.30	0.87	0.57	0.49	1.48	0.99	1.44	3.02	1.59	2.59	2.18	0.41	5.09	0.70	4.39	2.99	0.29	2.70	4.07	0.23	3.85	6.26	0.41	5.85	3.70	0.58	3.12	2.32	0.99	1.34	0.32	1.62	1.30	0.43	2.92	2.49	77,714	39,583	38,131
1982	0.49	1.69	1.21	0.62	1.32	0.70	1.41	2.78	1.37	1.47	1.93	0.46	3.69	1.58	2.10	3.81	0.52	3.29	4.85	0.32	4.53	7.85	0.25	7.59	7.94	0.37	7.57	3.07	0.46	2.61	0.40	0.61	0.21	0.21	0.71	0.50	92,773	32,493	60,279
1983	0.28	0.36	0.08	0.60	0.76	0.16	1.34	0.64	0.70	3.15	1.20	1.95	2.90	0.67	2.24	1.27	1.02	0.25	2.91	0.66	2.26	6.83	0.29	6.54	4.96	0.46	4.50	3.30	0.55	2.75	0.22	0.63	0.41	0.33	1.17	0.84	72,811	21,746	51,065
1984	0.33	1.53	1.20	0.70	2.49	1.80	0.92	2.19	1.27	2.62	2.84	0.22	5.04	0.99	4.05	3.41	0.51	2.90	5.66	0.43	5.23	5.44	0.56	4.87	5.96	0.31	5.65	3.49	0.29	3.19	0.34	0.43	0.08	0.26	0.43	0.18	88,543	33,741	54,802
1985	0.30	0.88	0.58	0.80	0.94	0.14	0.90	1.68	0.78	2.90	1.01	1.89	2.44	0.82	1.62	3.32	0.35	2.97	6.19	0.21	5.98	7.40	0.14	7.25	7.76	0.12	7.64	3.22	0.16	3.06	0.23	0.78	0.55	0.22	0.47	0.25	92,488	19,621	72,866
1986	0.29	1.19	0.90	1.31	3.84	2.54	1.42	2.13	0.71	2.70	0.77	1.93	3.11	0.95	2.16	3.27	0.61	2.67	3.09	0.57	2.52	7.45	0.29	7.16	7.59	0.24	7.36	3.27	0.30	2.98	0.33	0.29	0.004	0.21	0.34	0.13	88,252	29,880	58,372
1987	0.22	0.50	0.28	0.68	1.25	0.57	0.71	1.58	0.88	2.56	1.88	0.68	4.09	1.30	2.79	3.50	0.67	2.83	6.30	0.21	6.09	5.90	0.11	5.79	7.07	0.12	6.95	1.23	0.28	0.95	0.34	0.43	0.09	0.24	0.62	0.38	85,131	23,208	61,923
1988	0.34	0.61	0.27	0.62	0.58	0.04	1.11	0.83	0.28	3.14	0.81	2.35	4.20	0.53	3.67	3.00	0.45	2.55	5.46	0.25	5.21	8.08	0.10	7.98	7.80	0.10	7.70	2.98	0.26	2.77	0.20	0.48	0.27	0.19	0.54	0.34	96,246	14,345	81,901
1989	0.43	0.38	0.05	0.67	0.39	0.29	1.55	0.94	0.61	1.76	0.84	0.92	3.59	1.71	1.88	0.81	1.42	0.62	3.98	0.75	3.23	6.35	0.27	6.08	7.82	0.27	7.55	2.33	0.36	1.96	0.30	0.40	0.10	0.22	0.45	0.23	77,293	21,208	56,085
1990	0.40	0.39	0.00	0.83	0.51	0.32	1.70	0.52	1.18	2.06	0.55	1.51	4.44	0.45	4.00	3.60	0.23	3.37	5.81	0.10	5.71	6.92	0.07	6.85	8.09	0.10	7.99	2.71	0.15	2.56	0.25	0.23	0.002	0.18	0.41	0.23	95,858	9,606	86,252
1991	0.26	0.54	0.28	0.62	0.98	0.37	1.18	1.21	0.03	1.46	1.79	0.34	3.85	2.16	1.68	3.73	1.15	2.58	2.69	0.55	2.13	7.03	0.49	6.54	6.35	0.47	5.87	2.97	0.53	2.44	0.22	0.67	0.45	0.27	0.59	0.32	79,354	28,861	50,493
1992	0.44	0.47	0.03	0.97	0.51	0.47	1.33	0.84	0.49	1.61	2.64	1.03	3.86	0.78	3.08	3.19	1.22	1.97	5.95	0.74	5.21	8.29																	



AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	PCHINJA RIVER BASIN - B3																																				Average Annual Balance		
	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			TD	TS	Net
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net			
1961	1.90	17.35	15.45	3.62	15.99	12.37	5.94	26.37	20.43	11.15	19.67	8.52	11.87	53.01	41.15	10.75	19.29	8.54	18.83	4.76	14.06	26.75	1.01	25.74	24.14	0.89	23.25	9.75	2.88	6.87	1.82	15.19	13.37	1.65	15.90	14.25	332,192	498,458	166,266
1962	1.41	9.23	7.83	2.19	12.54	10.35	7.39	63.77	56.38	12.08	47.18	35.11	15.63	16.04	0.41	7.41	12.31	4.90	17.67	5.50	12.18	23.58	1.81	21.77	21.72	0.76	20.95	6.69	5.29	1.41	2.87	27.94	25.08	3.08	30.19	27.11	315,479	602,836	287,357
1963	4.86	46.95	42.09	6.70	65.14	58.44	6.41	35.71	29.30	11.85	43.75	31.90	11.97	24.15	12.18	11.97	22.58	10.62	16.20	5.04	11.16	25.03	1.89	23.14	21.28	3.08	18.20	4.36	5.55	1.18	1.56	6.18	4.63	1.07	9.86	8.80	319,468	699,598	380,130
1964	1.47	2.64	1.17	2.95	11.59	8.63	5.65	23.50	17.85	9.22	23.21	13.98	11.70	28.30	16.61	12.28	18.89	6.61	12.40	6.39	6.01	22.65	2.27	20.38	13.41	4.28	9.13	2.05	9.22	7.16	2.18	18.77	16.58	2.06	19.95	17.90	254,088	438,066	183,978
1965	2.85	26.91	24.05	1.84	14.31	12.47	7.30	36.47	29.17	10.99	34.10	23.12	11.66	36.91	25.26	10.85	11.74	0.89	12.78	2.54	10.24	16.52	1.46	15.06	24.58	0.99	23.59	11.89	1.20	10.70	0.37	2.36	1.99	0.97	9.00	8.03	291,871	461,336	169,466
1966	3.29	31.29	28.00	5.26	37.05	31.79	3.76	14.93	11.18	11.00	21.68	10.68	14.82	14.28	0.54	10.41	17.47	7.05	19.27	1.72	17.54	26.73	3.54	23.19	19.77	0.71	19.05	6.08	1.85	4.24	0.95	6.41	5.45	1.61	15.46	13.85	318,695	431,303	112,608
1967	2.16	16.52	14.36	3.43	14.07	10.64	5.36	21.73	16.37	9.04	22.69	13.64	11.69	17.72	6.03	8.23	9.30	1.07	6.60	11.63	5.03	22.92	2.06	20.86	19.46	1.30	18.17	9.59	1.54	3.04	0.54	3.09	2.55	0.90	6.27	5.37	259,006	331,560	72,554
1968	1.24	10.74	9.50	2.55	15.69	13.13	5.34	12.06	6.72	10.25	9.61	0.64	6.79	6.98	0.19	5.30	8.94	3.64	19.81	0.97	18.83	16.86	1.58	15.28	22.22	3.12	19.10	10.07	2.12	7.95	0.67	5.89	5.22	0.93	8.72	7.79	264,493	223,982	40,511
1969	1.46	13.00	11.54	3.83	36.49	32.66	5.06	41.53	36.47	10.72	32.52	21.80	18.38	14.89	3.49	10.41	6.04	4.37	17.91	3.97	13.94	21.64	2.10	19.54	23.83	1.83	21.99	11.85	1.32	10.53	1.16	2.85	1.69	1.08	10.21	9.13	330,038	432,239	102,200
1970	2.79	26.24	23.45	3.30	27.76	24.46	7.36	38.35	30.98	11.17	24.49	13.32	11.68	25.76	14.08	9.93	14.04	4.12	11.22	15.52	4.31	26.11	3.04	23.07	22.21	3.87	18.34	1.29	5.68	4.40	1.28	8.68	7.39	1.36	11.26	9.90	284,352	530,567	246,214
1971	2.12	17.42	15.30	1.61	13.17	11.56	3.68	33.58	29.90	12.71	25.97	13.26	10.33	10.97	0.64	10.19	9.17	1.02	9.74	2.45	7.29	22.19	1.63	20.56	15.76	4.59	11.17	10.20	3.71	6.50	1.21	2.72	1.50	0.74	3.71	2.98	260,455	334,589	74,134
1972	0.78	6.14	5.37	1.34	10.47	9.13	5.27	11.76	6.48	6.04	9.68	3.64	12.76	11.25	1.51	11.04	3.88	7.16	8.37	2.95	5.43	17.70	1.78	15.92	9.76	10.35	0.59	3.33	31.17	27.84	1.87	13.41	11.54	1.44	10.42	8.98	206,643	319,512	112,869
1973	1.05	5.56	4.51	2.24	12.87	10.64	3.53	22.73	19.20	9.28	38.89	29.60	17.06	22.08	5.02	12.75	7.93	4.82	12.04	7.11	4.93	17.84	3.75	14.09	26.21	10.09	16.11	12.39	6.46	5.94	1.92	7.50	5.59	2.07	16.42	14.35	306,831	418,334	111,503
1974	1.88	17.16	15.28	3.79	36.06	32.27	6.15	29.66	23.51	8.48	22.70	14.23	7.43	39.47	32.04	6.89	29.40	22.51	19.43	10.72	8.71	24.89	3.58	21.31	15.88	5.43	10.45	5.16	7.14	1.98	1.38	9.63	8.25	0.65	5.91	5.26	264,415	562,082	297,667
1975	1.41	7.86	6.45	2.47	8.01	5.54	4.47	19.73	15.26	11.85	12.97	1.12	10.10	19.01	8.91	5.26	18.36	13.10	12.40	10.64	1.76	19.94	3.43	16.51	22.48	4.09	18.39	4.68	7.67	2.99	1.37	8.32	6.96	1.29	10.06	8.77	253,285	337,341	84,057
1976	1.25	7.43	6.18	2.51	9.16	6.66	5.39	9.43	4.04	10.95	17.87	6.91	8.02	15.56	7.54	9.18	14.90	5.72	7.81	12.89	5.08	21.83	11.12	10.71	24.09	6.58	17.50	9.36	17.19	7.82	4.08	29.74	25.66	3.75	33.23	29.48	280,512	479,774	199,262
1977	1.77	14.89	13.12	5.02	36.95	31.92	6.32	27.88	21.56	12.09	22.00	9.91	12.63	13.45	0.82	8.00	7.86	0.15	14.83	4.88	9.95	19.80	3.43	16.38	24.11	2.04	22.07	9.69	3.09	6.60	1.09	5.52	4.43	0.79	6.11	5.32	301,023	383,816	82,793
1978	1.03	6.26	5.23	2.54	12.85	10.31	4.47	17.33	12.86	8.93	24.99	16.06	11.90	22.42	10.52	12.69	10.15	2.55	17.86	2.21	15.65	24.67	1.24	23.42	13.85	5.53	8.32	9.95	3.36	6.59	1.19	3.17	1.97	1.14	10.81	9.67	285,683	311,862	26,179
1979	1.88	16.03	14.15	4.05	23.76	19.71	4.37	8.44	4.07	8.82	25.10	16.28	10.74	9.47	1.28	8.38	5.41	2.96	14.16	2.08	12.08	15.11	3.51	11.60	21.16	3.48	17.68	7.85	3.14	4.71	1.79	17.20	15.41	0.96	7.40	6.45	257,340	324,081	66,741
1980	1.90	15.06	13.16	3.37	15.83	12.46	4.91	23.01	18.10	10.79	20.74	9.95	11.45	51.21	39.76	11.90	19.51	7.61	17.43	3.15	14.29	21.23	2.30	18.94	18.72	2.04	16.68	6.86	9.20	2.34	1.21	10.20	8.99	1.55	14.92	13.37	288,581	485,104	196,522
1981	1.07	7.89	6.83	2.67	20.24	17.57	6.37	33.00	26.63	8.40	14.99	6.59	16.45	12.58	3.87	9.33	6.40	2.93	12.59	4.26	8.33	19.45	4.06	15.59	12.03	11.14	0.89	7.29	7.81	0.52	1.94	18.68	16.74	4.27	42.14	37.86	264,025	474,859	210,834
1982	2.86	22.39	19.53	2.72	16.14	13.42	5.50	24.21	18.72	6.68	32.27	25.59	13.25	27.77	14.52	12.00	7.54	4.46	14.93	3.41	11.52	24.37	3.29	21.08	24.60	2.46	22.13	9.34	3.01	6.33	1.14	4.97	3.82	0.74	6.82	6.08	306,204	399,889	93,684
1983	0.94	5.51	4.57	2.45	12.41	9.96	4.36	7.25	2.90	10.10	9.34	0.76	8.77	1.04	7.73	4.65	15.00	10.35	10.38	20.21	9.83	21.40	5.15	16.24	15.55	5.95	9.60	10.16	4.39	5.76	0.75	6.76	6.01	1.84	15.57	13.72	236,737	281,450	44,713
1984	0.83	6.23	5.41	3.22	22.34	19.12	4.95	32.50	27.55	10.33	35.35	25.02	16.21	11.22	4.99	10.41	3.92	6.49	17.34	1.90	15.44	16.60	2.29	14.31	18.42	2.09	16.34	10.64	2.20	8.44	0.84	3.08	2.24	0.54	2.57	2.03	285,981	325,817	39,836
1985	1.27	9.67	8.40	2.81	10.23	7.42	5.40	35.91	30.51	10.60	23.44	12.84	8.78	19.72	10.95	10.25	5.11	5.14	19.16	3.18	15.97	22.80	0.54	22.27	24.05	0.96	23.09	9.76	1.44	8.31	1.06	9.90	8.84	0.99	8.20	7.20	303,108	332,578	29,471
1986	1.04	8.80	7.76	5.59	31.10	25.51	6.09	27.87	21.78	8.95	12.47	3.52	9.91	10.34	0.43	10.16	6.19	3.97	9.54	4.82	4.72	23.02	1.66	21.36	23.53	1.78	21.76	9.90	1.75	8.15	0.71	1.71	1.00	0.38	1.68	1.30	282,073	285,579	3,506
1987	0.68	5.12	4.44	2.45	11.16	8.72	2.97	17.29	14.32	10.08	30.74	20.67	14.33	24.84	10.51	11.05	7.46	3.58	19.47	2.69	16.78	18.15	1.64	16.51	21.91	1.76	20.16	3.54	2.34	1.20	1.05	4.88	3.83	0.73	5.55	4.82	275,810	299,321	23,511
1988	1.04	5.32	4.28	1.98	6.47	4.49	4.05	13.23	9.18	10.90	17.76	6.86	13.10	6.22	6.88	9.21	5.55	3.66	16.77	1.14	15.64	25.00	0.29	24.71	24.16	0.57	23.58	9.00	1.68	7.33	0.48	4.02	3.54	0.73	6.53	5.80	301,743	178,301	123,442
1989	1.17	3.18	2.01	1.99	3.53	1.54	4.91	7.74	2.83	5.90	11.49	5.59	14.05	39.08	25.03	4.15	26.90	22.76	12.96	13.00	0.04	19.81	4.13	15.67	24.45	3.52	20.93	7.90	11.39	3.49	1.37	9.48	8.12	0.87	7.00	6.12	257,945	363,995	106,050
1990	1.31	5.70	4.39	2.74	7.27	4.53	5.44	7.66	2.21	6.85	11.20	4.34	14.19	9.27	4.91	11.01	3.37	7.64	17.84	0.62	17.23	21.29	0.29	21.00	25.04	0.63	24.41	8.14	1.46	6.65	0.59	2.85	2.26	1.22	11.57	10.35	299,799	160,425	139,374
1991	0.75																																						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup> m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance				
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS
1961	0.22	2.25	2.03	0.24	2.09	1.85	0.30	2.67	2.37	0.55	3.25	2.70	0.62	5.30	4.68	1.48	3.36	1.88	2.63	1.52	1.11	2.62	0.88	1.74	1.90	0.87	1.03	0.21	1.28	1.07	0.28	2.77	2.49	0.29	2.89	2.59	29,420	75,549	46,129		
1962	0.39	3.81	3.42	0.51	5.17	4.66	1.34	13.49	12.15	1.18	9.09	7.91	0.88	4.89	4.01	1.30	2.08	0.78	2.06	1.45	0.61	2.42	1.43	1.00	1.58	0.98	0.60	0.23	1.87	1.65	0.57	5.69	5.11	0.69	6.84	6.15	34,068	147,176	113,108		
1963	1.96	19.71	17.75	3.68	36.84	33.17	2.13	21.18	19.05	2.50	21.10	18.59	1.06	7.08	6.02	1.34	6.36	5.02	1.56	0.52	1.04	2.19	0.14	2.05	1.13	0.40	0.74	0.21	1.52	1.31	0.16	1.55	1.39	0.32	3.20	2.88	47,299	309,989	262,689		
1964	0.20	1.77	1.57	0.30	3.13	2.82	0.47	4.49	4.02	0.70	3.72	3.02	0.58	3.20	2.62	1.06	3.35	2.29	2.14	1.10	1.04	1.92	1.09	0.83	0.85	2.13	1.29	0.33	3.05	2.72	0.75	7.49	6.74	0.66	6.58	5.91	25,811	106,513	80,702		
1965	1.01	10.22	9.21	0.51	5.15	4.64	1.34	13.00	11.66	1.30	11.23	9.93	1.31	8.76	7.45	1.80	2.63	0.83	1.63	0.51	1.12	1.49	0.45	1.03	1.89	0.53	1.36	0.17	0.53	0.35	0.08	0.76	0.68	0.20	2.00	1.80	33,020	144,562	111,542		
1966	0.89	8.94	8.05	1.30	12.69	11.39	0.50	5.01	4.51	0.52	4.40	3.88	0.62	2.05	1.42	1.43	3.32	1.89	2.42	0.09	2.53	2.15	0.18	1.96	1.59	0.17	1.42	0.15	0.64	0.50	0.28	2.72	2.45	0.65	6.50	5.84	32,414	121,131	88,717		
1967	0.49	4.93	4.44	0.41	4.06	3.65	0.61	5.65	5.05	0.50	4.47	3.97	1.00	3.27	2.27	1.22	2.52	1.31	1.61	2.15	0.54	1.15	0.81	0.34	1.26	1.52	0.27	0.19	1.24	1.05	0.14	1.41	1.27	0.24	2.37	2.13	22,861	89,196	66,335		
1968	0.35	3.53	3.19	1.13	11.20	10.08	0.48	4.32	3.85	0.81	2.09	1.28	0.50	0.55	0.05	0.72	2.07	1.35	2.63	0.20	2.43	1.18	0.32	0.86	1.19	0.63	0.56	0.16	0.62	0.46	0.16	1.61	1.44	0.22	2.15	1.93	24,700	75,962	51,262		
1969	0.51	5.15	4.65	0.89	9.01	8.12	0.85	8.33	7.48	0.66	4.82	4.16	1.42	2.85	1.43	1.63	0.94	0.69	2.25	0.65	1.59	1.95	0.96	0.98	1.65	2.83	1.18	0.36	2.38	2.02	0.08	0.73	0.65	0.36	3.52	3.16	32,649	109,311	76,662		
1970	0.51	5.14	4.63	0.45	4.47	4.02	0.55	5.46	4.91	0.49	3.30	2.81	0.73	3.39	2.66	1.98	1.42	0.56	2.21	1.84	0.37	1.98	0.85	1.13	1.36	0.65	0.71	0.11	0.97	0.86	0.30	2.95	2.65	0.12	1.12	1.00	27,957	81,829	53,873		
1971	0.37	3.76	3.39	0.29	3.02	2.73	0.40	4.15	3.74	0.79	3.63	2.83	0.95	2.69	1.74	1.80	2.75	0.95	1.57	1.19	0.38	1.64	0.75	0.88	1.13	1.07	0.06	0.17	0.75	0.58	0.09	0.91	0.82	0.10	1.00	0.89	24,163	66,533	42,369		
1972	0.13	1.33	1.21	0.20	2.08	1.88	0.23	1.77	1.53	0.31	2.29	1.98	0.93	2.81	1.88	1.24	0.94	0.30	1.21	0.82	0.39	1.55	0.72	0.84	0.26	2.48	2.21	0.89	8.88	7.99	0.26	2.42	2.16	0.17	1.70	1.53	19,143	73,175	54,032		
1973	0.12	1.25	1.13	0.50	4.98	4.47	0.95	9.45	8.50	1.70	16.67	14.98	1.33	5.37	4.04	2.10	1.69	0.42	0.77	1.39	0.62	1.75	2.35	0.60	2.35	4.24	1.89	0.29	1.69	1.40	0.12	1.02	0.90	0.34	3.38	3.04	31,921	138,579	106,658		
1974	0.31	3.21	2.90	0.63	6.38	5.75	0.89	8.76	7.87	0.77	5.28	4.51	1.12	8.71	7.59	0.70	5.38	4.69	2.35	1.77	0.57	2.12	1.19	0.93	1.85	1.70	0.15	0.12	1.08	0.96	0.14	1.35	1.21	0.13	1.24	1.11	28,871	119,401	90,530		
1975	0.15	1.40	1.26	0.12	1.03	0.91	0.21	1.95	1.74	0.35	1.62	1.26	0.88	3.11	2.23	1.17	3.10	1.92	1.09	2.50	1.41	1.89	1.73	0.16	1.41	1.31	0.11	0.12	0.73	0.62	0.13	1.13	1.00	0.12	1.19	1.07	19,808	53,913	34,105		
1976	0.13	1.22	1.09	0.18	1.51	1.33	0.19	1.48	1.29	0.27	2.54	2.27	0.75	6.25	5.50	1.54	4.90	3.36	1.49	6.92	5.43	1.47	3.54	2.07	1.20	1.24	0.03	0.22	1.64	1.42	1.07	10.55	9.48	1.33	13.21	11.89	25,510	142,548	117,038		
1977	0.33	3.39	3.06	0.76	7.41	6.65	0.42	3.81	3.39	0.69	2.57	1.88	0.72	1.74	1.01	1.29	1.89	0.59	1.49	0.61	0.88	1.31	1.12	0.19	1.52	0.73	0.79	0.19	0.64	0.45	0.06	0.61	0.54	0.07	0.62	0.56	22,944	65,141	42,197		
1978	0.09	1.02	0.93	0.30	3.09	2.79	0.36	3.45	3.09	0.65	5.43	4.78	0.40	3.50	3.10	1.93	3.54	1.61	2.49	0.34	2.14	1.93	1.60	0.32	0.18	1.11	0.93	0.18	0.88	0.69	0.13	1.11	0.98	0.36	3.59	3.23	23,360	74,312	50,951		
1979	0.44	4.44	4.00	0.65	6.36	5.70	0.15	1.21	1.06	1.35	11.60	10.25	0.61	3.81	3.20	1.97	1.29	0.68	1.95	1.17	0.78	1.05	1.59	0.54	1.36	1.29	0.06	0.22	1.94	1.72	0.94	9.38	8.44	0.18	1.71	1.53	28,159	118,667	90,508		
1980	0.38	3.85	3.47	0.54	5.13	4.58	0.60	5.81	5.21	0.66	5.67	5.01	2.82	27.70	24.88	1.48	5.25	3.76	1.79	1.10	0.70	2.05	0.55	1.50	1.23	0.70	0.53	0.63	5.87	5.24	0.44	4.37	3.93	1.23	12.22	10.99	35,933	202,721	166,788		
1981	0.35	3.59	3.24	0.61	6.23	5.62	1.28	12.33	11.05	0.62	2.97	2.34	0.95	2.48	1.54	1.01	1.61	0.60	1.50	0.76	0.74	1.71	0.73	0.99	0.52	1.32	0.79	0.30	2.44	2.14	0.34	3.38	3.04	1.32	13.16	11.84	27,262	132,167	104,904		
1982	0.55	5.40	4.85	0.21	2.10	1.88	0.68	6.20	5.52	0.91	8.80	7.89	1.24	9.25	8.02	1.76	1.70	0.06	1.90	0.80	1.10	1.37	1.23	0.15	1.37	1.18	0.20	0.16	0.74	0.58	0.21	1.89	1.68	0.49	4.81	4.32	28,076	114,216	86,139		
1983	0.16	1.72	1.55	0.32	2.89	2.57	0.24	1.72	1.48	0.60	2.62	2.02	0.61	1.50	0.89	1.37	12.22	10.85	1.69	7.41	5.72	2.15	1.15	1.00	0.99	1.17	0.18	0.16	0.74	0.59	0.13	1.24	1.11	0.52	5.13	4.62	23,145	102,397	79,252		
1984	0.40	4.07	3.67	0.78	7.86	7.09	1.22	12.35	11.12	1.17	8.50	7.32	1.02	3.24	2.21	1.65	0.70	0.95	2.29	0.37	1.92	1.01	1.63	0.62	1.44	0.65	0.79	0.15	0.45	0.30	0.08	0.60	0.52	0.06	0.53	0.47	29,231	106,145	76,914		
1985	0.14	1.52	1.37	0.13	0.99	0.86	0.49	4.78	4.28	0.37	2.44	2.07	0.55	2.35	1.81	1.15	1.36	0.21	1.99	0.37	1.61	1.76	0.52	1.25	1.75	0.39	1.36	0.16	0.46	0.31	0.29	2.91	2.61	0.09	0.87	0.78	22,984	49,118	26,135		
1986	0.16	1.70	1.54	1.58	15.38	13.80	1.11	10.63	9.53	0.59	2.97	2.38	0.49	3.43	2.94	1.90	1.85	0.05	2.10	1.05	1.05	1.57	0.55	1.02	1.74	0.62	1.11	0.16	0.63	0.47	0.07	0.68	0.61	0.07	0.69	0.62	29,926	104,198	74,272		
1987	0.10	1.03	0.93	0.21	2.01	1.81	0.43	4.12	3.70	1.55	14.11	12.56	0.62	2.95	2.33	1.36	1.59	0.23	2.37	0.37	2.00	1.62	1.45	0.17	1.51	0.47	1.05	0.05	0.39	0.34	0.10	0.99	0.89	0.16	1.58	1.42	26,138	80,494	54,356		
1988	0.08	0.79	0.70	0.14	1.35	1.21	0.33	3.26	2.93	0.59	2.91	2.32	0.48	1.54	1.06	0.55	1.37	0.82	2.26	0.76	1.50	2.56	0.57	1.99	1.79	0.58	1.20	0.12	0.36	0.24	0.11	1.05	0.94	0.17	1.70	1.52	23,790	42,066	18,275		
1989	0.11	0.88	0.77	0.16	1.55	1.39	0.31	2.49	2.18	0.42	1.63	1.21	0.68	1.39	0.71	0.59	1.31	0.73	0.79	1.27	0.48	1.80	0.62	1.18	1.79	0.66	1.13	0.35	3.21	2.86	0.15	1.43	1.29	0.13	1.21	1.09	18,822	45,773	26,951		
1990	0.15	1.29	1.14	0.25	2.29	2.05	0.23	1.58	1.35	0.24	2.30	2.05	1.19	2.13	0.94	1.48	0.57	0.92	2.23	0.14	2.09	1.86	0.39	1.47	1.77	0.24	1.53	0.07	0.24	0.17	0.03	0.24	0.21	0.03	0.23	0.21	24,677	30,194	5,517		
1991	0.13	1.25	1.12	0.49	4.70	4.21	0.50	4.61	4.11	0.74	7.09	6.35	0.94	7.79	6.85	1.89	3.14	1.24	1.53	0.91	0.62	1.57	0.96	0.61	1.25	0.90	0.35	0.19	1.09	0.90	0.18	1.78	1.60	0.10	1.00	0.89	24,687	91,294	66,607		
1992	0.08	0.74	0.66	0.11	0.75	0.64	0.13	0.72	0.59	0.60	5.45	4.85	0.86	1.49	0.63	1.18	1.27	0.09	2.1																						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

BREGALNICA RIVER BASIN - B4-2

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	0.61	6.43	5.82	2.03	6.00	3.97	3.20	7.59	4.39	18.78	9.21	9.57	12.18	14.87	2.69	16.86	9.51	7.35	24.65	4.42	20.22	30.04	2.66	27.38	26.19	2.64	23.55	7.77	3.77	4.01	0.99	7.88	6.89	0.80	8.19	7.39
1962	1.15	10.74	9.59	1.87	14.50	12.63	4.38	37.46	33.08	17.96	25.33	7.37	20.06	13.72	6.34	12.76	5.96	6.81	23.72	4.23	19.49	26.85	4.16	22.69	23.77	2.94	20.84	5.35	5.40	0.05	1.57	15.92	14.35	1.89	19.10	17.21
1963	5.43	54.65	49.21	10.16	101.93	91.77	7.97	58.70	50.73	21.50	58.47	36.97	15.77	19.76	3.99	18.25	17.78	0.48	21.69	1.67	20.03	27.83	0.61	27.22	23.05	1.32	21.72	3.34	4.42	1.08	1.10	4.49	3.39	0.89	9.07	8.18
1964	0.81	5.10	4.29	2.08	8.86	6.78	3.70	12.61	8.91	16.14	10.49	5.65	13.82	9.05	4.77	18.52	9.47	9.05	17.86	3.27	14.58	25.97	3.24	22.73	15.96	6.12	9.84	1.74	8.66	6.92	2.30	20.91	18.62	1.82	18.38	16.56
1965	2.81	28.45	25.63	1.53	14.43	12.91	6.28	36.12	29.84	19.10	31.23	12.13	14.47	24.39	9.93	17.11	7.49	9.62	17.72	1.63	16.09	19.47	1.48	17.98	26.43	1.69	24.74	9.47	1.68	7.79	0.21	2.33	2.11	0.56	5.76	5.20
1966	2.46	24.91	22.45	4.72	35.26	30.53	3.06	14.07	11.01	18.65	12.39	6.27	18.60	5.88	12.72	15.56	9.39	6.17	24.81	0.49	24.32	29.62	0.73	28.88	21.77	0.70	21.07	4.67	2.00	2.67	0.76	7.75	6.99	1.80	18.17	16.37
1967	1.58	13.83	12.25	2.68	11.44	8.76	4.02	15.83	11.82	16.24	12.56	3.67	15.16	9.24	5.92	14.63	7.19	7.44	11.27	6.17	5.10	26.12	2.47	23.64	21.70	4.43	17.27	7.86	3.64	4.22	0.50	4.13	3.62	0.66	6.76	6.10
1968	0.97	9.97	9.01	3.76	31.16	27.40	4.10	12.16	8.06	18.23	6.01	12.23	9.45	1.75	7.70	11.09	5.94	5.15	25.51	0.79	24.72	19.96	1.11	18.85	23.90	1.97	21.92	8.25	1.94	6.31	0.45	4.66	4.22	0.60	6.15	5.56
1969	1.42	14.46	13.04	2.48	25.09	22.62	2.95	23.22	20.26	17.00	13.52	3.48	22.80	8.08	14.72	16.86	2.82	14.04	23.63	2.03	21.59	24.94	2.89	22.05	26.29	8.04	18.25	9.98	6.79	3.19	0.77	2.24	1.47	0.98	9.95	8.97
1970	1.41	14.42	13.01	1.45	12.57	11.12	4.08	15.29	11.21	18.02	9.34	8.68	13.99	9.59	4.40	16.53	4.15	12.38	15.94	5.30	10.64	29.14	2.58	26.56	23.91	2.03	21.88	0.72	2.91	2.19	1.04	8.37	7.33	0.42	3.32	2.89
1971	1.14	10.61	9.47	0.93	8.56	7.63	1.24	11.67	10.43	19.88	10.23	9.64	14.34	7.65	6.69	16.06	7.82	8.24	15.97	3.52	12.46	25.44	2.31	23.13	17.14	3.18	13.95	7.86	2.30	5.56	0.82	2.75	1.93	0.50	2.98	2.48
1972	0.36	3.90	3.54	0.68	5.98	5.31	3.62	5.10	1.48	13.43	6.54	6.89	17.03	7.98	9.05	17.97	2.81	15.16	14.22	2.50	11.72	20.97	2.21	18.77	11.50	7.06	4.44	2.56	24.74	22.18	1.01	6.91	5.90	0.80	4.92	4.12
1973	0.45	3.67	3.23	1.82	13.96	12.15	3.49	26.31	22.82	17.84	46.26	28.42	21.28	15.04	6.24	20.16	4.88	15.28	17.82	4.06	13.75	21.32	6.71	14.60	28.24	11.93	16.31	9.56	4.88	4.91	1.07	3.04	1.97	1.27	9.55	8.28
1974	0.88	9.10	8.22	1.75	17.84	16.09	4.87	24.41	19.54	15.58	14.81	0.77	9.14	24.28	15.13	11.55	15.09	3.53	24.72	5.12	19.59	27.90	3.52	24.38	17.95	4.91	13.05	3.79	3.21	0.57	0.60	3.95	3.35	0.35	3.64	3.30
1975	0.83	4.10	3.28	1.51	3.06	1.56	2.43	5.61	3.17	19.77	4.69	15.08	13.13	8.81	4.32	10.05	8.78	1.27	17.59	7.13	10.46	23.37	5.00	18.36	24.53	3.84	20.69	3.58	5.69	2.11	1.15	8.30	7.15	1.04	8.34	7.30
1976	0.70	4.02	3.31	1.54	4.51	2.97	4.02	5.76	1.73	17.76	4.35	13.41	11.04	7.88	3.17	15.98	19.37	3.39	13.63	14.31	0.68	25.39	13.98	11.40	26.33	8.53	17.80	7.39	16.67	9.28	6.16	53.91	47.75	7.46	71.53	64.06
1977	3.79	37.11	33.32	5.70	48.32	42.62	4.29	15.19	10.90	19.29	8.70	10.58	17.07	13.83	3.24	15.13	14.20	0.92	21.29	8.78	12.51	23.48	7.27	16.21	26.23	4.14	22.10	7.77	3.74	4.04	0.78	4.60	3.82	0.46	3.64	3.18
1978	0.48	2.91	2.43	1.03	1.61	0.59	2.23	2.37	0.14	14.32	0.98	13.34	14.87	8.47	6.39	19.75	5.22	14.53	24.24	5.88	18.56	28.28	6.21	22.07	17.29	17.17	0.12	8.16	3.22	4.93	0.67	1.28	0.61	0.18	1.97	1.79
1979	0.69	6.08	5.39	2.45	13.60	11.15	3.24	5.75	2.51	14.98	17.30	2.32	14.57	5.46	9.11	15.46	5.58	9.89	20.57	4.97	15.61	19.28	9.88	9.41	23.46	5.42	18.04	6.28	2.28	4.00	0.67	6.88	6.21	0.58	4.87	4.29
1980	0.87	6.81	5.93	3.11	19.10	15.99	3.48	13.86	10.38	17.36	1.67	15.70	15.97	59.30	43.33	18.26	13.46	4.80	23.34	1.47	21.88	24.90	5.89	19.01	21.30	6.07	15.23	4.98	3.86	1.12	0.28	1.87	1.59	0.82	8.36	7.54
1981	0.91	8.28	7.38	2.10	17.99	15.88	3.39	9.65	6.26	16.20	15.41	0.79	20.97	8.48	12.49	16.43	10.61	5.82	19.13	9.40	9.73	23.04	7.38	15.67	15.05	19.24	4.19	5.68	4.29	1.39	1.23	12.45	11.22	0.64	6.56	5.92
1982	1.46	11.56	10.10	2.04	11.89	9.85	3.91	16.96	13.05	13.49	27.08	13.59	17.65	28.49	10.84	19.36	7.84	11.51	21.78	10.34	11.44	28.19	7.60	20.59	26.87	5.95	20.92	7.34	2.77	4.58	0.97	5.43	4.46	0.57	5.84	5.27
1983	0.54	3.53	2.98	1.46	5.92	4.46	2.88	3.21	0.33	17.67	3.61	14.06	12.82	4.64	8.18	7.92	4.78	3.15	15.23	8.15	7.08	25.22	11.24	13.98	18.79	18.71	0.08	8.65	7.06	1.59	10.90	9.83	1.94	17.41	15.47	
1984	0.25	2.78	2.53	4.44	37.99	33.55	4.74	35.41	30.67	19.89	51.19	31.30	21.31	15.19	6.12	18.50	13.67	4.83	24.01	8.11	15.89	20.19	4.37	15.81	20.40	3.62	16.78	8.47	3.88	4.59	0.71	3.90	3.19	0.46	2.57	2.11
1985	1.02	9.36	8.34	1.60	3.93	2.33	2.93	16.18	13.26	18.05	11.98	6.07	12.24	15.40	3.16	18.01	5.75	12.26	24.94	2.88	22.07	26.15	0.67	25.49	26.04	1.15	24.89	8.09	2.60	5.50	0.87	8.88	8.01	0.79	6.95	6.16
1986	0.58	6.06	5.49	2.38	5.02	2.64	4.05	16.18	12.12	17.35	11.58	5.77	14.10	9.70	4.40	17.84	11.56	6.27	16.04	12.86	3.18	27.09	8.87	18.22	25.83	5.66	20.17	8.49	5.41	3.07	0.83	5.13	4.30	0.42	3.27	2.85
1987	0.34	3.69	3.35	1.67	5.90	4.23	2.73	18.67	15.94	15.72	10.56	5.16	17.81	12.40	5.41	18.80	9.11	9.69	25.72	6.27	19.46	21.71	2.96	18.75	24.22	5.17	19.05	3.03	6.83	3.80	1.21	8.95	7.74	0.69	5.94	5.25
1988	0.65	3.52	2.86	1.26	3.92	2.66	2.88	10.00	7.12	18.46	9.27	9.19	17.47	3.44	14.02	15.79	5.32	10.47	22.80	1.63	21.18	28.13	0.29	27.84	25.91	0.85	25.06	7.34	2.88	4.46	0.59	6.09	5.50	0.46	4.73	4.27
1989	0.89	3.56	2.67	1.39	1.95	0.57	3.30	1.91	1.39	12.82	2.77	10.05	14.76	2.99	11.77	6.42	6.44	0.01	18.02	2.68	15.33	22.93	1.83	21.11	26.25	4.19	22.06	5.67	6.18	0.51	0.85	6.46	5.60	0.52	4.32	3.80
1990	0.79	2.65	1.85	1.69	1.54	0.15	3.78	2.22	1.56	13.54	1.01	12.53	18.37	3.62	14.74	18.65	4.28	14.37	23.81	1.59	22.22	24.50	0.71	23.79	26.97	1.49	25.49	6.76	1.71	5.06	0.39	1.93	1.53	1.12	11.38	10.26
1991	0.32	2.44	2.12	1.74	9.81	8.08	2.61	6.16	3.55	11.92	9.28	2.64	16.24	8.99	7.25	18.58	5.64	12.94	14.11	6.96	7.15	25.18	4.25	20.94	22.08	8.23	13.85	7.72	7.81	0.09	1.07	10.89	9.82	0.75	5.51	4.75
1992	0.96	4.29	3.34	2.21	3.32	1.11	2.86	3.12	0.26	9.78	0.60	9.18	15.98	2.96	13.02	16.33	1.99	14.34	24.10	2.29	21.81	28.77	1.17	21.61	23.40	3.60	19.80	7.29	3.44	3.86	0.72	1.75	1.03	0.27	2.87	2.60
1993	0.25	0.58	0.33	1.06	3.12	2.06	1.98	3.23	1.26	19.31	3.42	15.89	17.91	0.15	17.76	17.62	0.55	17.07	23.88	0.09	23.79	29.77	0.02	29.75	26.05	0.03	26.02	5.51	1.54	3.98	0.23	2.50	2.27	0.19	2.04	1.85
1994	0.31	1.12	0.81	0.48	0.67	0.19	3.50	0.49	3.01	14.15	1.57	12.58																								



AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2015)

Units: m<sup>3</sup>/sec

Units: 10<sup>3</sup>m<sup>3</sup>

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	-0.14	0.78	0.92	-0.15	0.73	0.87	-0.14	0.92	1.06	-0.10	1.12	1.22	-0.07	1.82	1.88	-0.12	1.16	1.28	-0.07	0.53	0.60	-0.03	0.31	0.35	-0.03	0.31	0.34	-0.08	0.45	0.53	-0.07	0.96	1.02	-0.06	1.00	1.05	-2,710	26,121	28,831
1962	-0.09	1.31	1.40	-0.05	1.77	1.82	0.22	4.59	4.38	0.08	3.10	3.02	-0.03	1.67	1.71	-0.18	0.72	0.90	-0.07	0.51	0.58	-0.03	0.50	0.53	-0.03	0.35	0.38	-0.08	0.65	0.73	0.03	1.95	1.91	0.08	2.34	2.26	-425	50,434	50,860
1963	0.45	6.71	6.26	1.02	12.52	11.50	0.49	7.21	6.72	0.49	7.18	6.68	0.01	2.42	2.40	-0.02	2.17	2.19	-0.12	0.19	0.31	-0.07	0.06	0.13	-0.06	0.15	0.21	-0.11	0.53	0.64	-0.11	0.54	0.65	-0.04	1.10	1.15	5,049	105,700	100,650
1964	-0.16	0.61	0.77	-0.11	1.08	1.19	-0.08	1.54	1.62	-0.10	1.28	1.38	-0.12	1.10	1.22	-0.11	1.15	1.27	-0.12	0.39	0.51	-0.05	0.39	0.43	-0.05	0.74	0.79	-0.07	1.05	1.12	0.09	2.56	2.47	0.07	2.25	2.18	-2,082	36,632	38,714
1965	0.13	3.49	3.36	-0.05	1.76	1.82	0.22	4.43	4.21	0.16	3.83	3.67	0.06	2.99	2.92	-0.14	0.91	1.05	-0.14	0.19	0.32	-0.10	0.17	0.27	-0.03	0.20	0.23	-0.09	0.19	0.29	-0.14	0.27	0.41	-0.09	0.70	0.78	-557	49,547	50,104
1966	0.09	3.05	2.96	0.21	4.32	4.11	-0.06	1.72	1.78	-0.06	1.51	1.58	-0.14	0.71	0.85	-0.13	1.14	1.27	-0.12	0.05	0.16	-0.06	0.08	0.13	-0.08	0.07	0.15	-0.12	0.23	0.36	-0.07	0.94	1.01	0.07	2.22	2.15	-1,214	41,594	42,808
1967	-0.05	1.69	1.74	-0.08	1.39	1.48	-0.04	1.93	1.97	-0.07	1.53	1.60	-0.12	1.12	1.24	-0.16	0.87	1.03	-0.12	0.75	0.87	-0.05	0.29	0.35	-0.03	0.53	0.56	-0.08	0.44	0.52	-0.11	0.50	0.61	-0.07	0.82	0.89	-2,575	30,754	33,328
1968	-0.10	1.21	1.31	0.15	3.82	3.66	-0.08	1.48	1.56	-0.14	0.73	0.87	-0.23	0.20	0.43	-0.20	0.72	0.92	-0.11	0.08	0.19	-0.11	0.12	0.23	-0.05	0.23	0.28	-0.10	0.23	0.33	-0.11	0.56	0.67	-0.08	0.74	0.82	-2,946	26,261	29,208
1969	-0.04	1.77	1.81	0.08	3.07	3.00	0.04	2.84	2.80	-0.06	1.65	1.71	-0.09	0.98	1.07	-0.20	0.33	0.54	-0.10	0.24	0.34	-0.06	0.34	0.40	-0.04	0.98	0.94	-0.03	0.82	0.85	-0.13	0.26	0.39	-0.03	1.21	1.24	-1,529	37,582	39,111
1970	-0.04	1.76	1.80	-0.07	1.53	1.61	-0.04	1.87	1.91	-0.11	1.14	1.24	-0.11	1.17	1.28	-0.19	0.50	0.69	-0.11	0.64	0.75	-0.03	0.30	0.34	-0.05	0.24	0.28	-0.14	0.35	0.49	-0.06	1.02	1.08	-0.12	0.40	0.51	-2,773	28,253	31,026
1971	-0.09	1.29	1.38	-0.13	1.04	1.17	-0.11	1.42	1.53	-0.08	1.25	1.33	-0.13	0.93	1.06	-0.14	0.95	1.09	-0.13	0.42	0.55	-0.06	0.27	0.33	-0.07	0.38	0.45	-0.09	0.27	0.36	-0.12	0.33	0.45	-0.12	0.35	0.47	-3,327	23,061	26,387
1972	-0.17	0.47	0.64	-0.16	0.72	0.88	-0.16	0.61	0.78	-0.16	0.79	0.95	-0.12	0.97	1.09	-0.20	0.33	0.53	-0.15	0.29	0.44	-0.09	0.26	0.35	-0.06	0.86	0.92	0.12	3.03	2.91	-0.08	0.84	0.91	-0.10	0.59	0.69	-3,386	25,315	28,702
1973	-0.18	0.44	0.62	-0.05	1.70	1.76	0.08	3.22	3.14	0.33	5.68	5.34	-0.01	1.84	1.85	-0.16	0.59	0.75	-0.11	0.49	0.60	-0.03	0.81	0.84	0.10	1.46	1.36	-0.05	0.59	0.64	-0.12	0.36	0.48	-0.04	1.16	1.20	-657	47,516	48,173
1974	-0.11	1.11	1.22	-0.01	2.18	2.19	0.07	2.99	2.92	-0.05	1.81	1.86	0.03	2.97	2.94	-0.08	1.84	1.92	-0.06	0.62	0.68	-0.03	0.42	0.45	-0.05	0.59	0.64	-0.11	0.38	0.50	-0.11	0.47	0.59	-0.11	0.44	0.55	-1,627	41,007	42,634
1975	-0.17	0.49	0.66	-0.18	0.36	0.55	-0.17	0.68	0.84	-0.15	0.56	0.71	-0.13	1.07	1.20	-0.17	1.07	1.23	-0.07	0.86	0.94	-0.04	0.60	0.64	-0.02	0.46	0.48	-0.11	0.50	0.60	-0.09	0.73	0.82	-0.08	0.75	0.83	-3,549	21,095	24,644
1976	-0.17	0.46	0.63	-0.17	0.54	0.71	-0.16	0.61	0.78	-0.15	0.68	0.83	-0.10	1.49	1.58	-0.04	2.06	2.10	0.01	2.02	2.01	0.06	1.49	1.43	0.01	0.77	0.75	0.00	1.38	1.38	0.37	5.26	4.89	0.53	6.86	6.33	512	61,188	60,676
1977	0.08	3.03	2.95	0.22	4.40	4.18	-0.07	1.61	1.68	-0.11	0.98	1.09	-0.10	1.20	1.30	-0.12	1.25	1.37	-0.08	0.69	0.76	-0.04	0.66	0.70	-0.02	0.39	0.41	-0.09	0.35	0.44	-0.12	0.40	0.52	-0.12	0.34	0.46	-1,458	39,674	41,132
1978	-0.18	0.35	0.54	-0.17	0.58	0.75	-0.17	0.69	0.85	-0.14	0.90	1.04	-0.12	1.11	1.23	-0.14	0.89	1.03	-0.08	0.45	0.53	-0.01	0.66	0.67	0.01	1.33	1.32	-0.09	0.35	0.44	-0.13	0.26	0.39	-0.09	0.68	0.77	-3,338	21,392	24,731
1979	-0.11	1.09	1.20	-0.03	1.89	1.92	-0.17	0.57	0.74	0.07	2.94	2.88	-0.13	0.95	1.08	-0.19	0.57	0.76	-0.10	0.51	0.61	-0.04	0.91	0.95	-0.02	0.56	0.58	-0.09	0.45	0.54	0.03	1.90	1.87	-0.10	0.59	0.69	-2,260	33,560	35,819
1980	-0.12	1.05	1.16	-0.01	2.08	2.09	-0.05	1.82	1.88	-0.12	0.98	1.10	0.58	8.24	7.66	-0.06	1.71	1.78	-0.10	0.27	0.37	-0.04	0.48	0.53	-0.03	0.52	0.55	-0.03	1.16	1.19	-0.08	0.79	0.88	0.09	2.43	2.34	25	55,801	55,776
1981	-0.11	1.11	1.22	-0.01	2.17	2.18	0.02	2.54	2.52	-0.08	1.50	1.57	-0.10	0.95	1.05	-0.14	0.96	1.11	-0.08	0.75	0.83	-0.04	0.61	0.65	0.02	1.50	1.49	-0.08	0.66	0.74	-0.03	1.36	1.39	0.09	2.45	2.36	-1,383	42,931	44,314
1982	-0.06	1.61	1.66	-0.11	1.12	1.24	-0.02	2.09	2.11	0.07	3.18	3.10	0.11	3.34	3.23	-0.15	0.79	0.94	-0.06	0.82	0.88	0.00	0.70	0.70	0.00	0.58	0.58	-0.10	0.30	0.40	-0.09	0.66	0.75	-0.04	1.13	1.17	-1,161	42,297	43,458
1983	-0.17	0.50	0.67	-0.14	0.84	0.98	-0.18	0.48	0.66	-0.15	0.64	0.79	-0.18	0.54	0.72	-0.05	2.19	2.24	-0.01	1.68	1.69	0.00	0.94	0.94	0.03	1.44	1.41	-0.06	0.59	0.65	-0.07	0.93	1.00	0.04	1.96	1.92	-2,426	33,020	35,446
1984	-0.14	0.81	0.95	0.15	3.77	3.62	0.19	4.28	4.09	0.25	4.76	4.51	-0.04	1.52	1.56	-0.13	1.03	1.16	-0.07	0.61	0.67	-0.06	0.54	0.61	-0.06	0.34	0.40	-0.09	0.33	0.42	-0.12	0.36	0.48	-0.13	0.25	0.38	-653	48,246	48,899
1985	-0.13	0.86	1.00	-0.18	0.42	0.60	-0.06	1.82	1.88	-0.10	1.18	1.28	-0.10	1.40	1.50	-0.18	0.60	0.77	-0.09	0.25	0.34	-0.07	0.12	0.19	-0.04	0.14	0.18	-0.10	0.25	0.34	-0.06	1.04	1.10	-0.09	0.60	0.70	-3,112	22,532	25,644
1986	-0.15	0.67	0.82	0.05	2.69	2.64	0.04	2.72	2.68	-0.10	1.24	1.34	-0.11	1.18	1.29	-0.13	1.07	1.19	-0.07	1.03	1.10	-0.01	0.68	0.70	-0.01	0.48	0.49	-0.08	0.46	0.54	-0.11	0.45	0.57	-0.12	0.33	0.45	-2,101	33,674	35,775
1987	-0.18	0.41	0.59	-0.15	0.71	0.86	-0.05	1.89	1.94	0.06	2.87	2.81	-0.09	1.29	1.37	-0.15	0.86	1.01	-0.07	0.48	0.55	-0.07	0.42	0.49	-0.03	0.42	0.45	-0.11	0.52	0.63	-0.08	0.76	0.84	-0.09	0.64	0.73	-2,583	29,205	31,788
1988	-0.18	0.36	0.54	-0.18	0.47	0.65	-0.11	1.17	1.29	-0.11	1.07	1.18	-0.16	0.47	0.63	-0.18	0.57	0.75	-0.11	0.23	0.33	-0.06	0.11	0.17	-0.04	0.15	0.19	-0.10	0.25	0.35	-0.11	0.57	0.68	-0.10	0.58	0.68	-3,734	15,531	19,265
1989	-0.18	0.37	0.55	-0.18	0.37	0.55	-0.17	0.51	0.68	-0.20	0.44	0.63	-0.18	0.41	0.60	-0.22	0.64	0.85	-0.12	0.38	0.50	-0.08	0.22	0.30	-0.02	0.38	0.40	-0.05	0.91	0.96	-0.09	0.66	0.75	-0.11	0.48	0.58	-4,158	14,926	19,084
1990	-0.18	0.38	0.56	-0.17	0.45	0.63	-0.18	0.39	0.57	-0.19	0.42	0.61	-0.15	0.57	0.72	-0.19	0.38	0.57	-0.11	0.13	0.24	-0.08	0.11	0.19	-0.04	0.14	0.18	-0.12	0.15	0.27	-0.15	0.17	0.31	-0.07	0.81	0.88	-4,254	10,593	14,847
1991	-0.18	0.36	0.54	-0.09	1.38	1.47	-0.12	1.12	1.24	-0.07	1.71	1.79	-0.04	1.80	1.84	-0.14	0.86	1.00	-0.12	0.61	0.73	-0.05	0.43	0.48	-0.02	0.69	0.71	-0.06	0.70	0.75	-0.06	1.01	1.07	-0.10	0.52	0.63	-2,740	29,015	31,755
1992	-0.18	0.40	0.58	-0.18	0.34	0.52	-0.20	0.32	0.52	-0.16	0.87	1.03	-0.17	0.43	0.60	-0.21	0.33	0.53	-0.10	0.23	0.33	-0.05	0.12	0.18	-0.04	0.30	0.34	-0.09	0.33	0.42	-0.12	0.35	0						