

**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 (2025)**

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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	1.04	11.98	10.94	2.20	11.46	9.25	2.38	16.53	14.16	3.84	15.31	11.47	5.11	25.46	20.35	5.72	18.12	12.40	8.74	15.21	6.47	17.24	10.63	-6.61	13.70	10.51	3.18	2.95	12.65	9.70	1.06	14.51	13.45	0.76	11.21	10.45	167,810	449,945	282,135
1962	1.04	11.05	10.02	3.06	26.59	23.53	3.10	28.99	25.89	5.43	31.42	25.99	7.75	29.43	21.68	4.63	19.40	14.77	9.38	17.21	7.83	14.68	10.26	-4.42	12.73	14.39	1.66	3.82	16.16	12.34	3.91	43.05	39.14	2.10	24.53	22.44	185,625	706,275	520,649
1963	4.06	42.20	38.14	4.53	41.36	36.82	3.78	32.44	28.66	6.04	37.51	31.48	7.28	47.27	39.99	7.18	33.95	26.77	9.04	13.09	4.05	14.07	11.30	-2.77	11.12	10.69	0.43	2.34	14.47	12.13	0.99	13.38	12.39	1.55	19.11	17.55	186,589	821,050	634,461
1964	1.84	18.16	16.32	2.13	17.24	15.11	2.53	19.88	17.36	4.56	19.13	14.57	5.35	22.12	16.76	4.76	21.06	16.30	7.54	15.05	7.51	16.25	15.01	-1.25	10.60	17.94	7.34	2.40	18.57	16.17	3.22	35.69	32.47	2.44	27.99	25.54	164,914	642,369	477,455
1965	2.26	24.18	21.92	2.65	22.54	19.89	3.91	31.83	27.92	5.40	40.27	34.87	8.20	46.54	38.34	6.59	27.13	20.54	10.42	15.43	5.01	14.98	14.60	-0.38	14.41	14.36	-0.05	5.26	14.77	9.52	0.96	13.57	12.61	1.45	18.06	16.61	198,288	734,271	535,984
1966	1.65	18.13	16.48	2.89	23.38	20.50	2.65	19.84	17.19	5.33	27.95	22.62	7.58	33.86	26.28	6.70	25.63	18.93	7.80	8.09	0.29	16.39	6.37	-10.02	11.90	15.94	4.04	4.14	16.61	12.47	1.61	20.01	18.40	2.13	24.87	22.74	183,418	623,857	440,439
1967	1.71	18.67	16.96	2.83	18.67	15.84	3.47	23.33	19.86	5.11	35.09	29.98	7.60	40.73	33.13	6.52	25.80	19.28	7.24	28.03	20.78	14.78	17.69	2.91	13.79	15.22	1.43	4.37	19.46	15.09	1.65	20.47	18.81	1.89	22.51	20.62	183,940	740,427	556,488
1968	1.64	17.98	16.34	2.37	18.79	16.41	2.49	17.23	14.74	5.53	23.08	17.55	4.64	20.32	15.67	4.08	21.92	17.84	10.09	11.64	1.55	12.08	13.89	1.81	11.89	15.59	3.70	4.06	18.62	14.55	1.46	18.50	17.04	1.28	16.34	15.06	159,707	554,386	394,680
1969	0.93	10.47	9.54	2.09	16.88	14.79	2.48	22.85	20.37	4.84	37.43	32.59	10.02	42.22	32.19	5.30	13.25	7.95	7.04	8.89	1.85	15.69	8.57	-7.12	11.22	9.55	-1.67	5.44	16.62	11.18	0.88	12.20	11.32	1.33	16.85	15.53	174,320	559,304	384,985
1970	2.48	26.36	23.88	3.03	26.25	23.23	3.76	35.39	31.63	7.07	47.24	40.17	7.43	38.26	30.83	6.78	30.91	24.13	8.35	24.82	16.48	16.54	6.96	-9.58	12.63	15.73	3.10	2.56	17.00	14.44	1.52	19.08	17.56	1.68	19.96	18.27	191,369	798,230	606,861
1971	2.52	26.77	24.25	2.66	22.64	19.98	2.97	27.84	24.86	6.82	39.96	33.14	7.95	41.55	33.61	6.79	27.34	20.55	6.24	17.41	11.18	15.59	16.68	1.09	11.22	17.91	6.70	3.08	14.31	11.23	0.97	13.54	12.57	0.93	12.91	11.97	175,565	722,790	547,226
1972	1.08	12.36	11.29	2.45	20.54	18.09	3.17	23.44	20.27	5.12	30.33	25.21	5.56	22.92	17.36	5.22	11.02	5.79	7.85	7.59	-0.26	12.42	6.19	-6.22	8.44	17.99	9.55	2.84	23.08	20.24	1.80	21.04	19.23	1.33	15.48	14.15	148,441	549,423	400,983
1973	1.03	11.88	10.85	2.71	23.08	20.37	2.40	21.98	19.58	5.49	32.67	27.18	8.67	45.96	37.28	5.48	13.84	8.36	5.97	11.23	5.27	12.07	13.18	1.11	15.40	20.03	4.64	5.84	20.57	14.73	1.40	15.60	14.20	2.03	22.11	20.08	177,524	653,536	476,012
1974	2.70	28.56	25.86	4.04	34.99	30.95	3.76	31.23	27.47	5.06	27.84	22.78	6.64	43.85	37.21	6.48	31.33	24.85	10.34	11.97	1.64	14.79	12.08	-2.72	13.31	23.19	9.88	3.86	27.22	23.36	2.39	26.89	24.51	2.08	23.51	21.43	195,538	836,337	640,799
1975	1.74	18.02	16.28	2.15	16.01	13.85	1.77	12.38	10.61	4.05	24.07	20.02	5.40	29.10	23.70	4.61	22.77	18.16	8.37	10.60	2.23	12.41	5.82	-6.59	12.70	12.19	-0.51	2.95	21.82	18.88	1.93	23.21	21.28	1.82	20.86	19.04	155,234	562,110	406,876
1976	1.91	19.76	17.85	2.63	18.04	15.42	2.00	14.46	12.46	4.55	21.91	17.36	4.79	28.14	23.35	5.23	29.77	24.54	6.91	15.77	8.87	14.75	10.76	-3.99	12.60	13.73	1.13	3.72	18.16	14.44	3.28	34.41	31.12	3.44	36.15	32.72	170,539	676,659	506,120
1977	2.30	24.62	22.32	4.12	33.94	29.82	3.91	30.35	26.44	5.67	28.93	23.26	5.79	17.93	12.14	4.46	14.81	10.34	8.02	8.05	0.03	14.24	8.64	-5.60	11.13	10.98	-0.15	3.46	8.02	4.56	1.23	16.24	15.01	2.10	24.63	22.52	172,231	588,728	416,497
1978	2.31	24.65	22.35	2.70	22.89	20.19	2.56	23.43	20.87	4.28	27.41	23.12	6.78	43.15	36.37	5.77	18.16	12.39	8.66	7.19	-1.47	15.65	7.87	-7.79	8.43	18.18	9.75	5.21	22.77	17.55	2.76	29.24	26.48	2.49	26.65	24.17	175,236	703,973	528,737
1979	2.81	29.70	26.89	4.01	32.83	28.82	3.11	20.67	17.55	4.69	21.82	17.14	5.44	38.43	32.99	5.53	19.47	13.93	8.36	10.12	1.76	12.63	14.56	1.93	13.10	19.02	5.92	2.63	20.13	17.50	3.73	41.20	37.47	2.10	24.56	22.46	176,604	758,167	581,563
1980	3.16	33.20	30.04	3.80	29.75	25.94	3.12	29.09	25.97	5.81	23.61	17.80	4.20	26.45	22.25	6.08	19.70	13.61	9.69	8.34	-1.34	16.43	11.46	-4.97	13.37	14.72	1.35	3.72	23.00	19.28	2.56	29.59	27.03	2.85	32.11	29.25	193,900	728,372	534,472
1981	2.12	22.77	20.65	2.39	19.43	17.04	4.79	39.79	35.00	6.89	37.27	30.39	5.87	25.66	19.79	5.97	20.59	14.62	8.19	12.80	4.61	13.38	15.21	1.83	10.53	24.32	13.79	4.23	28.94	24.71	3.50	38.96	35.46	3.66	40.14	36.48	185,374	844,640	659,266
1982	3.28	33.48	30.20	2.98	22.95	19.97	2.60	22.40	19.80	6.11	37.71	31.60	6.06	30.84	24.77	7.02	28.00	20.97	8.26	15.89	7.63	15.65	17.48	1.83	12.44	12.60	0.16	2.81	14.91	12.09	0.83	11.34	10.51	1.31	16.68	15.37	179,794	684,958	505,164
1983	1.83	19.45	17.62	2.32	16.85	14.53	2.27	15.06	12.79	5.88	18.29	12.41	4.87	14.98	10.11	3.73	15.40	11.67	6.87	15.69	8.82	15.62	16.66	1.04	12.60	21.17	8.58	4.61	17.64	13.04	1.53	19.29	17.76	1.59	19.48	17.89	165,177	544,257	379,080
1984	1.87	20.31	18.44	2.52	21.12	18.61	2.84	24.95	22.11	5.21	37.06	31.85	8.64	49.75	41.10	5.59	18.80	13.21	8.78	6.61	-2.17	12.16	8.73	-3.43	10.75	11.95	1.20	3.74	10.35	6.61	1.31	16.53	15.22	1.33	16.47	15.14	167,807	628,919	461,112
1985	2.14	22.95	20.82	3.52	27.93	24.41	2.81	21.83	19.03	5.91	30.56	24.65	6.55	30.24	23.69	5.04	9.77	4.73	9.00	4.56	-4.44	16.55	6.09	-10.46	14.08	14.33	0.25	4.61	15.42	10.81	1.78	21.75	19.97	1.53	18.42	16.89	190,572	580,261	389,689
1986	1.60	17.58	15.98	4.22	30.17	25.95	3.84	28.81	24.98	7.10	33.84	26.74	6.89	36.49	29.60	4.48	23.02	18.53	7.05	21.12	14.06	16.03	17.36	1.33	13.17	17.63	4.46	5.10	18.91	13.81	1.44	16.98	15.54	1.52	18.33	16.81	187,781	726,398	538,617
1987	1.62	17.81	16.19	3.06	26.56	23.50	2.82	23.07	20.24	5.43	28.70	23.27	5.03	26.82	21.79	4.53	20.11	15.58	10.17	10.60	0.43	14.26	10.76	-3.49	12.49	11.99	-0.50	2.30	10.50	8.19	0.61	10.00	9.39	0.81	10.82	10.00	163,662	538,479	374,817
1988	1.22	12.39	11.17	2.09	14.08	11.99	1.86	14.18	12.32	4.60	13.72	9.13	7.08	17.46	10.37	5.13	12.72	7.58	9.62	7.25	-2.37	16.40	6.08	-10.32	12.35	7.03	-5.32	2.85	7.44	4.59	0.70	10.98	10.27	1.28	16.37	15.09	168,933	362,077	193,143
1989	1.00	9.76	8.75	1.80	10.22	8.42	3.15	18.24	15.10	6.14	19.51	13.37	5.65	23.52	17.88	4.27	21.44	17.18	6.10	17.55	11.46	15.12	12.33	-2.79	12.78	11.38	-1.40	2.76	16.08	13.31	1.02	13.23	12.21	1.07	13.88	12.80	157,759	485,071	327,312
1990	1.52	13.97	12.45	1.82	9.54	7.72	2.80	14.19	11.40	2.84	11.60	8.76	5.60	14.82	9.22	5.03	8.09	3.06	7.66	3.07	-4.59	15.15	2.81	-12.34	12.39	3.75	-8.64	4.22	7.55</										

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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	4.60	50.26	45.66	4.42	49.27	44.85	8.97	63.71	54.74	14.56	60.51	45.95	12.35	92.29	79.94	7.13	49.12	41.99	7.83	28.07	20.25	9.56	22.42	12.86	9.15	23.98	14.83	4.26	23.31	19.05	3.71	42.45	38.74	2.93	37.06	34.13	231,870	1,406,038	1,174,168
1962	0.98	21.46	20.48	0.57	16.32	15.75	16.77	122.45	105.68	19.18	121.15	101.97	12.41	63.81	51.41	4.63	35.44	30.81	5.61	9.27	3.66	7.04	10.33	3.29	6.57	8.32	1.74	3.86	20.49	16.64	20.48	125.29	104.81	15.80	97.91	82.11	295,231	1,690,629	1,395,398
1963	28.53	188.88	160.35	28.30	186.51	158.21	24.02	147.06	123.04	23.99	149.19	125.20	22.62	135.31	112.69	16.70	103.77	87.06	9.19	41.14	31.95	9.57	22.90	13.33	8.81	26.96	18.16	5.67	41.06	35.39	4.64	41.75	37.11	10.84	78.22	67.39	499,983	3,013,872	2,513,889
1964	4.00	36.80	32.80	3.09	33.11	30.02	7.14	54.60	47.46	8.46	55.73	47.27	9.57	65.82	56.25	8.14	52.50	44.36	5.64	26.03	20.40	7.39	15.14	7.75	4.47	20.95	16.48	2.87	33.06	30.18	7.63	59.42	51.79	6.99	55.68	48.69	195,431	1,318,955	1,123,524
1965	5.21	44.27	39.06	3.42	36.76	33.34	12.52	81.99	69.47	14.90	90.95	76.05	18.23	114.82	96.59	11.17	72.64	61.47	5.30	22.24	16.94	5.21	17.18	11.97	8.65	14.07	5.41	4.58	12.93	8.35	1.09	19.72	18.64	4.60	38.38	33.78	245,885	1,466,910	1,221,025
1966	7.04	55.53	48.49	11.71	83.35	71.64	7.26	57.34	50.09	11.62	70.79	59.17	13.19	74.13	60.94	8.90	58.93	50.03	7.41	19.24	11.82	8.04	11.02	2.98	5.88	10.80	4.92	2.20	13.61	11.41	3.66	33.95	30.29	8.56	61.78	53.22	247,475	1,426,839	1,179,364
1967	4.93	45.15	40.22	3.26	34.07	30.80	7.80	58.07	50.27	11.62	76.89	65.27	13.97	85.01	71.04	5.64	42.93	37.29	2.81	25.57	22.76	7.58	16.63	9.05	6.39	15.96	9.57	3.57	15.28	11.71	0.46	15.05	14.58	1.31	17.53	16.22	179,746	1,161,539	981,793
1968	1.87	21.80	19.93	4.64	39.39	34.75	4.18	32.98	28.80	7.59	40.61	33.02	5.14	36.13	30.99	6.26	49.15	42.89	6.76	9.25	2.48	3.74	7.62	3.88	7.24	13.73	6.49	4.42	19.15	14.72	1.51	25.20	23.70	2.61	33.10	30.50	145,039	850,421	705,382
1969	2.50	35.42	32.93	7.24	66.83	59.59	12.66	91.68	79.02	16.38	103.74	87.36	18.87	93.50	74.63	6.55	42.52	35.97	7.35	26.84	19.49	7.21	22.12	14.92	8.73	22.44	13.71	4.31	11.48	7.17	0.25	14.10	13.85	4.32	34.77	30.45	249,763	1,465,608	1,215,845
1970	10.35	76.24	65.89	8.69	70.64	61.96	13.65	90.46	76.80	18.77	110.35	91.58	11.02	71.13	60.11	7.60	51.09	43.49	6.27	42.30	36.04	8.26	11.60	3.34	7.59	14.52	6.94	0.29	16.94	16.64	0.83	18.12	17.29	1.64	23.27	21.63	246,152	1,546,573	1,300,422
1971	10.20	84.68	74.48	4.60	52.20	47.60	9.56	83.05	73.49	15.16	94.59	79.43	12.14	79.21	67.07	7.29	47.13	39.84	2.29	8.31	6.03	5.77	4.69	3.08	5.43	24.59	19.16	5.20	24.99	19.79	1.30	22.28	20.97	1.27	21.78	20.52	207,871	1,419,108	1,211,237
1972	0.80	19.28	18.48	3.17	33.73	30.55	6.70	48.13	41.43	8.92	59.42	50.50	7.68	42.02	34.34	4.18	20.36	16.19	2.99	21.16	18.16	4.43	11.38	6.95	3.02	18.82	15.81	4.18	41.35	37.17	4.98	45.53	40.55	3.55	34.02	30.47	141,538	1,024,369	882,831
1973	1.97	27.39	25.42	4.50	41.61	37.11	5.72	52.41	46.68	13.41	88.86	75.46	15.24	79.66	64.42	6.16	28.67	22.51	4.27	19.91	15.65	5.22	16.28	11.06	13.05	40.67	27.62	7.42	34.25	26.83	4.16	43.06	38.91	8.02	62.37	54.35	231,012	1,387,056	1,156,044
1974	6.91	62.08	55.17	8.38	66.92	58.54	8.96	64.92	55.95	10.50	70.30	59.79	14.17	95.29	81.12	7.40	58.94	51.54	8.42	27.46	19.04	7.93	14.81	6.89	5.37	14.79	9.42	3.70	25.18	21.48	4.18	38.67	34.49	3.01	31.61	28.60	230,553	1,479,951	1,249,398
1975	2.09	29.60	27.51	1.15	25.00	23.86	4.16	41.63	37.47	11.61	71.90	60.28	9.49	62.21	52.72	4.00	43.24	39.24	4.05	20.78	16.73	5.35	10.82	5.46	7.03	10.39	3.36	2.54	21.32	18.78	1.98	26.88	24.90	2.86	30.19	27.33	145,960	1,021,143	875,183
1976	1.80	26.17	24.37	2.52	30.29	27.77	4.09	31.56	27.47	8.32	53.97	45.65	9.04	65.15	56.11	9.52	70.98	61.46	4.46	37.22	32.76	7.24	24.61	17.37	9.02	21.32	12.30	4.52	30.56	26.05	7.84	65.77	57.93	12.82	88.64	75.83	210,445	1,415,890	1,205,445
1977	4.92	46.75	41.83	13.45	98.95	85.50	7.21	57.86	50.65	8.26	49.24	40.98	6.21	34.06	27.85	3.12	24.70	21.58	4.29	11.15	6.86	5.06	8.97	3.91	7.22	9.46	2.24	3.71	12.22	8.51	1.51	21.40	19.90	2.37	27.43	25.06	174,506	1,042,516	868,010
1978	1.57	26.33	24.76	6.07	49.98	43.91	8.72	62.31	53.59	14.43	93.54	79.11	19.38	119.15	99.77	8.89	49.87	40.97	6.75	16.24	9.49	7.61	11.09	3.47	4.61	24.73	20.12	4.08	16.97	12.89	1.29	22.93	21.64	3.66	39.51	35.85	225,707	1,380,606	1,154,899
1979	7.84	57.17	49.32	10.66	75.89	65.23	6.94	52.53	45.59	10.94	70.15	59.21	14.58	92.84	78.27	6.46	41.57	35.12	5.24	16.11	10.88	3.58	18.45	14.87	7.66	20.86	13.20	2.83	16.30	13.47	12.28	81.76	69.48	5.73	48.66	42.94	245,545	1,535,240	1,289,695
1980	7.32	62.71	55.39	8.04	67.96	59.92	7.87	56.94	49.07	9.29	52.91	43.61	18.81	122.14	103.33	12.35	78.03	65.68	7.87	26.89	19.02	6.86	15.13	8.27	5.82	11.00	5.18	3.85	23.78	19.93	4.00	35.87	31.87	6.92	55.59	48.67	256,606	1,578,404	1,321,798
1981	3.15	35.75	32.60	4.66	46.73	42.07	16.06	108.97	92.91	13.98	88.66	74.69	11.60	54.36	42.76	5.24	32.37	27.13	4.59	17.90	13.32	5.35	15.56	10.21	3.97	21.56	17.59	6.07	39.80	33.73	4.57	43.72	39.15	13.39	100.48	87.09	240,121	1,570,418	1,330,297
1982	8.03	63.64	55.61	3.20	35.00	31.80	7.17	60.19	53.01	11.90	90.11	78.20	10.55	65.23	54.67	6.39	34.97	28.58	5.03	13.73	8.69	7.03	11.98	4.94	8.28	15.15	6.87	3.02	12.54	9.52	1.11	20.14	19.03	3.79	32.70	28.91	195,751	1,180,315	984,564
1983	1.18	21.48	20.30	3.53	34.57	31.04	4.70	40.53	35.83	7.46	42.99	35.54	4.45	29.57	25.12	5.04	50.81	45.77	6.46	45.63	39.17	6.55	15.43	8.88	4.46	15.76	11.30	3.69	12.48	8.78	1.24	18.86	17.63	4.06	35.69	31.63	136,916	942,964	806,048
1984	5.59	45.71	40.12	6.20	51.60	45.40	9.36	72.09	62.73	16.28	102.91	86.64	20.99	115.62	94.63	6.32	38.62	32.30	6.48	18.90	12.42	4.55	17.11	12.56	6.26	16.55	10.29	4.29	14.87	10.58	1.45	22.07	20.62	1.62	20.34	18.71	231,706	1,390,346	1,158,639
1985	3.37	34.19	30.82	4.30	36.60	32.31	7.30	55.31	48.01	12.11	70.77	58.67	10.40	70.55	60.15	5.29	30.94	25.65	6.44	12.84	6.40	6.64	9.21	2.56	7.57	9.88	2.30	3.26	11.21	7.96	5.81	43.93	38.12	3.68	32.41	28.73	197,429	1,083,050	885,622
1986	6.56	52.93	46.37	17.99	113.05	95.07	17.22	108.29	91.07	14.56	83.75	69.19	14.20	86.81	72.61	9.85	63.12	53.27	6.27	42.03	35.76	8.55	21.45	12.90	8.27	14.02	5.75	4.39	18.27	13.88	0.67	16.11	15.44	0.59	15.23	14.64	282,814	1,646,050	1,363,236
1987	2.59	29.89	27.29	6.97	60.40	53.43	5.71	53.67	47.96	13.59	93.02	79.43	13.47	78.69	65.22	6.87	41.52	34.65	7.43	19.06	11.63	4.82	9.62	4.80	6.76	10.41	3.65	0.50	11.39	10.89	0.56	15.24	14.68	2.03	24.01	21.98	184,842	1,158,429	973,587
1988	0.56	18.35	17.79	0.99	21.88	20.90	3.21	32.94	29.73	7.31	41.52	34.21	7.43	36.21	28.78	3.11	23.51	20.40	4.87	7.82	2.95	6.73	1.93	4.79	6.63	3.44	3.19	2.00	5.16	3.16	0.21	13.86	13.65	2.44	24.55	22.12	117,902	599,258	481,356
1989	0.58	16.27	15.68	0.62	18.27	17.65	5.95	48.00	42.05	4.84	40.48	35.65	10.16	64.56	54.40	3.67	45.28	41.61	5.74	31.40	25.66	7.37	23.42	16.05	8.93	18.06	9.13	4.64	30.67	26.03	1.81	23.64	21.82	2.46	28.88	26.42	147,173	1,008,116	860,943
1990	0.84	19.19	18.35	0.66	17.67	17.01	1.51	18.92	17.41	3																													

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

Year	VARDAR RIVER BASIN - B1-3																														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	2.86	5.92	3.06	4.35	5.27	0.92	7.06	10.09	3.03	11.60	2.89	8.71	14.88	30.02	15.14	15.04	18.59	3.55	22.73	9.52	13.21	30.82	7.03	23.79	27.45	7.52	19.93	11.29	8.02	3.27	3.23	11.80	8.58	2.18	3.38	1.20	397,815	311,170	86,645
1962	2.84	10.54	7.70	3.80	12.89	9.09	14.94	71.86	56.92	19.65	73.70	54.05	19.27	31.65	12.38	11.18	20.17	8.99	21.64	10.14	11.50	26.83	2.44	24.38	24.25	2.56	21.69	8.04	5.63	2.41	9.30	62.36	53.06	7.41	41.40	33.99	438,411	895,122	456,711
1963	12.31	70.81	58.51	20.20	131.24	111.04	12.13	56.57	44.44	18.32	63.80	45.48	16.09	39.04	22.95	17.15	27.72	10.57	19.10	1.43	17.67	28.77	5.93	22.84	24.34	8.58	15.76	6.31	14.62	8.31	3.16	14.49	11.32	1.97	7.19	5.22	466,201	1,144,170	677,969
1964	2.64	7.71	5.06	4.22	9.87	5.65	7.43	18.04	10.60	11.07	16.90	5.83	14.11	21.50	7.39	16.86	20.87	4.01	15.39	8.06	7.33	25.96	4.09	21.86	15.53	7.95	7.58	3.25	8.62	5.37	4.47	20.70	16.23	4.21	19.69	15.48	324,402	425,125	100,723
1965	7.35	41.27	33.92	4.15	20.32	16.17	12.48	51.64	39.16	16.09	51.28	35.19	18.42	62.26	43.84	15.28	20.43	5.15	15.59	6.61	8.98	18.87	2.70	16.17	27.42	2.23	25.19	13.23	3.11	10.12	0.94	3.68	2.74	2.08	9.25	7.17	393,726	712,269	318,543
1966	6.49	28.31	21.82	10.32	49.07	38.74	6.04	21.49	15.46	13.70	27.10	13.40	17.45	21.24	3.78	15.45	28.73	13.28	23.39	7.31	16.68	30.59	5.18	25.41	22.19	3.64	18.55	7.09	2.78	4.31	2.04	8.90	6.86	2.83	10.35	7.52	408,462	554,932	146,470
1967	4.00	15.62	11.62	4.98	13.48	8.50	7.59	21.38	13.79	11.47	25.43	13.96	14.55	24.75	10.20	11.33	10.02	1.32	9.47	16.49	7.02	26.48	5.05	21.44	21.77	4.07	17.69	10.88	3.00	7.87	1.31	5.52	4.22	1.98	8.91	6.93	326,104	398,459	72,355
1968	2.81	12.05	9.24	4.93	20.36	15.42	6.89	15.06	8.17	11.30	10.26	11.04	7.96	7.22	0.73	8.08	13.63	5.55	23.98	8.32	15.66	19.54	4.58	14.96	24.95	4.24	20.71	11.26	1.11	10.15	1.46	5.91	4.45	2.13	10.05	7.92	324,733	292,353	32,381
1969	3.50	16.68	13.18	7.99	37.82	29.82	10.12	47.16	37.04	14.65	38.39	23.74	21.60	23.08	1.48	13.59	7.83	5.76	15.96	24.95	5.26	19.69	26.84	5.00	21.84	13.34	4.63	8.71	1.60	3.99	2.39	3.10	18.35	15.24	422,129	554,225	132,097		
1970	5.18	20.30	15.12	5.61	20.23	14.62	11.51	41.35	29.84	13.17	18.90	5.73	13.99	20.18	6.19	13.87	15.52	1.64	14.43	13.96	0.47	29.80	4.00	25.80	24.97	5.71	19.26	2.07	5.07	2.99	1.75	3.60	1.84	2.62	10.60	7.97	360,265	465,039	104,775
1971	4.87	23.74	18.86	4.12	21.15	17.03	7.43	33.37	25.94	16.86	41.42	24.55	11.59	8.24	3.35	13.55	10.18	3.37	12.49	8.17	4.31	25.58	5.29	20.29	18.51	11.81	6.70	11.76	7.47	4.29	2.27	10.21	7.94	2.70	17.47	14.77	341,468	514,555	173,087
1972	2.51	13.64	11.13	3.91	21.80	17.88	7.64	24.08	16.44	9.21	29.61	20.40	15.28	20.61	5.34	14.17	6.20	7.97	10.65	6.10	4.55	20.60	5.64	14.96	12.29	17.05	4.76	7.52	39.59	32.07	3.62	16.21	12.59	2.89	12.13	9.25	285,817	551,199	265,382
1973	2.28	8.49	6.21	5.00	25.66	20.66	7.22	34.30	27.08	14.35	50.83	36.48	20.84	30.94	10.09	16.89	12.18	4.71	15.73	13.94	1.79	20.90	8.50	12.40	30.10	11.86	18.23	14.24	8.27	5.97	3.00	10.27	7.27	4.90	25.97	21.06	402,942	625,205	222,263
1974	4.09	18.45	14.36	9.06	48.96	39.89	8.72	24.71	15.99	10.46	19.01	8.55	12.38	46.61	34.22	11.72	34.66	22.93	23.52	11.39	12.13	28.18	2.72	25.46	17.67	2.07	15.60	6.46	7.19	0.72	2.28	7.88	5.61	1.79	9.54	7.75	353,411	604,425	251,014
1975	3.47	16.40	12.93	3.40	7.67	4.26	7.11	24.88	17.77	13.20	12.84	0.36	13.48	33.24	19.76	9.29	27.16	17.87	15.66	12.17	3.49	22.87	5.94	16.93	25.26	4.28	20.98	6.62	14.24	7.62	3.05	15.66	12.61	3.89	23.86	19.97	329,978	514,083	184,105
1976	3.38	17.20	13.83	4.24	14.56	10.31	6.91	15.42	8.51	12.63	15.17	2.54	10.26	19.89	9.63	13.69	24.57	10.88	10.80	14.92	4.12	25.96	15.38	10.58	27.48	8.87	18.61	12.01	19.69	7.67	8.43	42.90	34.47	9.73	57.53	47.80	377,191	689,707	312,516
1977	4.86	27.10	22.24	11.39	61.17	49.78	10.22	37.64	27.41	15.21	28.89	13.68	14.36	14.46	0.10	10.44	4.35	6.08	17.87	5.24	12.63	22.63	3.82	18.81	27.31	6.35	20.95	11.43	8.50	2.93	1.75	5.44	3.69	1.21	2.23	1.02	385,380	531,869	146,489
1978	1.83	4.06	2.23	4.68	17.70	13.02	7.29	26.46	19.17	13.12	40.92	27.80	16.22	39.65	23.42	17.16	15.92	1.23	21.39	3.99	17.40	28.05	2.29	25.75	15.68	6.11	9.58	11.36	4.94	6.43	1.77	5.46	3.69	3.14	18.10	14.96	367,266	481,076	113,810
1979	4.34	20.78	16.44	6.74	25.30	18.55	5.90	13.91	8.01	10.57	15.17	4.60	12.02	9.08	2.94	11.22	6.55	4.67	17.29	5.35	11.93	17.39	2.37	15.02	23.96	5.92	18.04	9.55	7.55	2.00	6.85	48.61	41.76	3.24	20.77	17.53	334,531	470,059	135,528
1980	4.25	19.62	15.37	5.67	21.21	15.54	8.41	32.00	23.60	13.52	27.37	13.86	18.13	65.67	47.54	16.73	23.90	7.18	20.79	3.98	16.81	24.16	1.73	22.42	20.94	1.45	19.49	9.06	14.42	5.36	2.89	14.68	11.80	3.72	19.76	16.04	384,243	637,111	252,868
1981	2.67	12.18	9.52	6.28	33.12	26.83	12.67	60.78	48.11	11.10	24.20	13.09	18.58	15.32	3.27	12.53	10.29	2.23	15.47	6.08	9.39	22.43	5.83	16.60	14.65	14.17	0.45	9.62	15.11	5.49	4.63	24.88	20.25	10.12	56.54	46.43	364,808	721,883	357,076
1982	5.56	24.08	18.52	5.08	21.34	16.26	9.27	36.88	27.61	12.20	53.75	41.56	18.24	46.65	28.41	15.73	10.24	5.50	18.52	6.60	11.92	27.89	4.23	23.66	27.67	4.60	23.07	10.75	6.92	3.83	2.27	9.86	7.59	2.47	15.34	12.88	403,403	623,363	219,959
1983	2.72	13.88	11.15	4.36	16.67	12.31	5.25	10.11	4.85	11.82	13.40	1.58	9.66	5.67	3.99	8.39	26.01	17.62	15.03	29.46	14.43	24.65	5.16	19.49	18.23	10.21	8.02	12.46	12.45	0.00	1.78	8.37	6.58	3.97	19.15	15.17	306,731	442,011	135,280
1984	2.30	11.02	8.72	7.73	41.67	33.94	9.20	39.41	30.20	15.23	47.72	32.49	20.82	41.57	20.75	13.69	8.44	5.25	20.41	1.20	19.21	19.01	3.17	15.84	20.67	3.40	17.27	12.07	5.57	6.50	1.33	3.68	2.35	1.26	4.99	3.73	372,552	549,082	176,530
1985	2.73	10.76	8.04	4.62	16.33	11.71	9.01	34.09	25.08	12.66	19.96	7.30	10.81	17.40	6.58	13.93	8.88	5.05	22.95	6.54	16.42	26.20	4.54	21.66	27.28	6.70	20.58	11.01	3.37	7.65	3.14	18.76	15.63	2.05	8.53	6.48	379,471	403,976	24,506
1986	2.89	14.74	11.86	11.58	58.60	47.02	10.34	41.38	31.05	12.18	32.45	20.27	12.38	22.11	9.72	13.81	11.32	2.49	12.00	6.90	5.09	26.20	2.28	23.92	26.43	4.06	22.37	11.59	6.24	5.34	1.57	7.37	5.80	1.22	6.35	5.13	368,511	554,188	185,678
1987	1.66	6.20	4.54	4.45	16.18	11.73	4.77	15.40	10.63	14.87	45.10	30.23	17.05	22.34	5.29	14.73	10.94	3.79	23.15	3.66	19.49	20.69	2.61	18.08	24.38	1.66	22.73	4.62	7.51	2.89	2.36	11.84	9.48	1.96	10.29	8.33	349,141	398,460	49,319
1988	1.91	4.67	2.76	2.68	4.46	1.78	5.53	14.34	8.81	13.13	20.88	7.75	14.43	9.16	5.27	11.83	5.77	6.06	20.03	2.42	17.61	28.45	2.63	25.82	26.96	2.37	24.59	10.30	4.65	5.64	1.42	7.47	6.05	1.71	7.88	6.17	358,682	224,706	133,976
1989	2.06	5.69	3.64	2.86	5.90	3.04	6.67	18.14	11.47	7.81	17.53	9.72	19.65	53.21	33.56	8.46	34.79	26.33	16.89	17.23	0.34	22.99	6.13	16.85	27.48	4.67	22.82	10.27	17.80	7.53	3.01	15.33	12.33	2.49	14.10	11.62	338,572	545,665	207,093
1990	2.77	10.33	7.56	3.74	9.15	5.41	6.38	10.46	4.08	9.16	21.56	12.39	16.02	11.96	4.06	14.52	7.38	7.14	21.48	4.89	16.59	24.28	3.49	20.79	28.04	3.24	24.80	9.31	3.07	6.24	1.37	5.58	4.						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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	9.21	56.75	47.54	13.27	47.24	33.97	17.66	53.29	35.63	39.48	19.14	20.33	33.42	34.61	1.19	35.58	12.45	22.13	57.13	3.53	53.60	85.19	5.92	79.27	76.78	3.98	72.80	24.15	1.02	23.13	5.26	26.17	20.91	4.57	22.76	18.19	1,041,179	743,528	297,651
1962	6.01	31.36	25.35	13.06	64.10	51.04	57.29	365.31	308.02	58.54	190.63	132.09	56.73	62.43	5.70	28.75	16.06	12.69	55.70	3.77	51.92	78.36	4.29	74.07	69.17	2.67	66.49	18.64	3.17	15.47	43.98	272.83	228.84	35.55	207.68	172.13	1,352,454	3,173,391	1,820,937
1963	65.68	372.67	306.99	103.63	609.69	506.06	53.70	256.03	202.33	80.83	305.37	224.54	61.35	203.96	142.60	58.16	161.83	103.67	50.52	21.09	29.43	78.05	4.33	73.72	62.76	8.99	53.77	15.90	25.93	10.04	5.88	29.46	23.58	18.23	100.76	82.52	1,696,993	5,443,506	3,746,512
1964	7.06	34.43	27.37	11.01	43.00	31.99	21.06	86.91	65.85	41.14	59.19	18.04	33.12	66.13	33.01	40.90	53.01	12.11	44.26	26.41	17.85	67.98	12.42	55.56	46.53	21.31	25.22	13.08	29.41	16.33	18.75	87.04	68.29	15.78	81.54	65.77	934,850	1,557,272	622,422
1965	19.15	100.28	81.14	12.71	71.40	58.68	43.69	189.65	145.97	59.34	156.10	96.76	54.69	129.95	75.26	39.06	20.24	18.82	50.49	4.19	46.30	62.56	1.91	60.65	79.87	4.11	75.76	34.57	5.48	29.09	1.80	10.11	8.30	6.63	34.01	27.38	1,204,141	1,885,505	681,364
1966	22.46	106.13	83.67	30.08	133.91	103.82	16.79	63.25	46.45	44.96	59.16	14.20	52.35	65.41	13.05	39.92	51.22	11.29	55.52	13.15	42.37	79.16	2.92	76.24	64.55	9.25	55.90	19.22	7.04	12.18	4.44	14.64	10.20	22.17	119.13	96.97	1,170,623	1,672,386	501,763
1967	14.30	65.34	51.04	14.77	50.24	35.47	23.86	95.79	71.93	44.72	95.66	50.94	46.90	113.04	66.15	32.16	31.16	1.00	27.36	31.36	4.00	74.46	3.14	71.32	61.68	9.66	52.02	23.79	0.89	22.90	2.23	6.70	4.46	6.99	36.53	29.53	967,387	1,398,371	430,984
1968	8.65	41.49	32.84	29.03	129.81	100.77	19.32	56.99	37.67	41.47	13.12	28.35	24.83	2.07	22.76	25.52	17.71	7.81	63.97	10.72	53.25	56.19	1.63	54.56	66.08	1.52	64.57	29.04	1.27	27.77	2.27	8.54	6.27	3.03	9.64	6.61	957,529	763,400	104,129
1969	12.66	59.31	46.66	21.98	100.18	78.20	30.55	134.29	103.74	47.93	98.93	51.01	65.32	80.55	15.23	37.32	10.92	26.39	55.00	14.95	40.04	70.49	19.99	50.50	73.53	27.21	46.32	37.65	24.00	13.65	2.42	1.40	1.02	5.64	18.32	12.68	1,193,573	1,529,467	335,894
1970	12.16	47.21	35.05	13.29	60.76	47.47	24.04	78.22	54.19	47.77	70.67	22.90	39.62	64.37	24.75	34.25	28.45	5.80	40.86	29.64	11.27	83.12	13.56	69.56	74.73	20.96	53.77	9.70	50.23	40.53	6.48	41.70	35.22	1.84	3.42	1.58	1,005,317	1,319,836	314,519
1971	8.00	24.68	16.68	5.16	14.84	9.68	15.38	54.93	39.54	47.66	47.53	0.13	39.79	11.44	28.35	38.04	25.73	12.31	38.95	4.00	34.95	68.99	9.45	59.54	43.86	17.06	26.80	28.85	23.41	5.45	4.30	18.92	14.62	3.04	15.42	12.37	886,534	693,114	193,420
1972	5.23	28.14	22.91	7.65	30.98	23.33	17.25	43.24	25.99	31.40	43.66	12.26	45.60	36.40	9.20	40.46	23.41	17.04	33.26	20.71	12.55	55.82	31.68	24.15	46.17	30.00	16.17	17.05	84.43	67.38	11.21	61.33	50.11	8.78	50.20	41.41	829,139	1,254,964	425,826
1973	6.43	41.72	35.29	16.03	68.69	52.65	23.26	84.82	61.56	60.34	146.47	86.13	59.72	77.59	17.87	45.44	33.31	12.12	40.70	31.45	9.25	59.35	34.15	25.20	90.76	59.64	31.12	40.41	47.89	7.48	8.74	45.14	36.40	17.56	82.66	65.10	1,214,969	1,953,168	738,199
1974	14.13	72.90	58.77	29.73	133.99	104.26	33.33	143.59	110.26	45.20	93.45	48.25	44.82	115.09	70.28	32.74	66.24	33.50	63.92	28.26	35.66	78.89	40.87	38.01	65.26	32.52	32.75	18.50	31.80	13.30	7.71	43.73	36.02	5.99	38.44	32.45	1,141,038	2,179,570	1,038,532
1975	6.43	30.26	23.83	8.14	32.43	24.30	15.49	49.00	33.51	42.72	40.20	2.52	36.83	40.95	4.12	25.13	31.36	6.23	39.85	22.19	17.66	68.62	17.73	50.89	72.37	13.55	58.82	15.95	30.31	14.35	7.70	48.52	40.82	8.09	47.07	38.98	900,219	1,046,063	145,844
1976	4.82	22.00	17.18	8.37	26.28	17.91	12.56	9.50	3.06	38.28	38.68	0.40	34.58	64.50	29.92	35.98	67.14	31.17	34.52	45.96	11.44	65.71	32.85	32.85	78.31	28.34	49.97	22.35	54.66	32.31	22.13	88.59	66.45	33.44	157.60	124.16	1,013,618	1,648,773	635,155
1977	16.27	86.26	70.00	27.45	121.03	93.58	18.00	54.35	36.36	41.96	29.48	12.48	40.94	26.65	14.29	35.76	30.04	5.72	52.49	15.15	37.34	65.78	10.05	55.72	64.29	12.03	52.26	31.34	16.32	15.02	2.80	12.93	10.13	4.17	27.64	23.47	1,040,009	1,145,521	105,512
1978	3.08	14.77	11.68	8.54	29.67	21.13	10.46	28.77	18.31	37.90	58.23	20.34	42.68	64.17	21.49	45.99	38.33	7.66	61.28	11.39	49.88	78.91	13.27	65.63	40.49	27.81	12.68	30.58	26.66	3.92	8.85	58.16	49.31	10.51	68.89	58.39	983,029	1,140,798	157,769
1979	13.29	49.04	35.75	19.47	58.66	39.20	12.83	15.09	2.26	42.23	84.90	42.67	44.80	111.05	66.24	39.05	53.72	14.67	55.06	25.16	29.90	48.25	31.78	16.47	67.74	29.98	37.76	13.76	22.92	9.16	26.74	117.34	90.60	17.52	93.77	76.24	1,038,706	1,797,304	758,598
1980	20.76	116.13	95.37	27.02	129.78	102.76	22.39	98.54	76.16	47.85	101.48	53.63	59.33	185.94	126.61	53.81	117.40	63.59	61.01	27.93	33.08	75.30	26.40	48.90	68.24	18.47	49.77	23.07	42.55	19.48	11.32	78.64	67.32	16.94	90.26	73.31	1,262,428	2,678,913	1,416,485
1981	14.32	84.34	70.02	24.75	125.30	100.55	47.72	227.91	180.19	54.54	175.23	120.69	58.40	90.01	31.61	35.94	42.59	6.65	46.41	35.85	10.56	59.11	33.41	25.71	55.38	76.54	21.16	19.80	62.64	42.83	14.64	100.41	85.77	29.63	166.56	136.93	1,194,004	3,164,260	1,970,256
1982	25.52	175.59	150.07	17.09	96.29	79.20	23.04	90.55	67.52	39.28	112.60	73.32	57.00	152.85	95.85	49.21	85.24	36.03	54.79	16.15	36.65	65.52	26.86	38.66	72.27	48.59	23.67	22.67	43.93	21.26	7.15	36.42	29.26	8.41	35.82	27.41	1,145,545	2,386,924	1,241,379
1983	8.04	51.65	43.61	12.18	55.85	43.67	15.45	31.23	15.78	43.27	49.35	6.08	33.21	20.50	12.71	22.93	43.66	20.73	37.93	48.61	10.68	74.66	37.66	37.00	54.36	75.69	21.33	31.03	21.16	9.87	4.84	19.97	15.13	17.86	71.75	53.88	922,143	1,366,187	444,044
1984	21.08	120.66	99.58	36.59	205.74	169.15	35.69	172.19	136.50	56.64	144.17	87.52	63.36	65.78	2.41	39.32	39.49	0.16	57.22	17.60	39.62	48.70	13.84	34.86	63.01	9.84	53.17	33.80	25.18	8.62	5.97	34.72	28.74	5.67	38.34	32.67	1,210,608	2,300,484	1,089,876
1985	9.49	48.75	39.26	11.11	38.27	27.16	15.04	27.80	12.76	39.50	53.27	13.77	33.93	54.16	20.22	37.38	15.39	21.99	59.61	4.23	55.38	77.73	1.97	75.76	75.24	8.30	66.94	29.70	19.61	10.09	9.66	42.98	33.32	10.49	62.58	52.10	1,059,840	978,019	81,821
1986	10.70	64.00	53.30	40.84	184.36	143.53	39.97	176.82	136.85	50.76	92.80	42.04	37.62	56.86	19.24	40.95	39.14	1.82	39.95	32.24	7.71	83.14	31.82	51.31	82.49	37.99	44.50	35.38	53.16	17.78	6.87	31.06	24.19	4.41	21.47	17.06	1,226,234	2,129,955	903,721
1987	6.40	33.42	27.02	12.53	57.05	44.52	17.50	60.89	43.38	61.67	239.35	177.68	51.70	60.51	8.81	39.81	47.93	8.13	60.77	15.29	45.48	69.92	14.42	55.50	74.86	42.85	32.01	8.78	27.85	19.07	5.62	32.35	26.73	6.45	41.04	34.60	1,078,307	1,744,325	666,018
1988	4.45	15.79	11.34	6.24	28.04	21.80	10.66	32.45	21.79	41.67	38.58	3.09	47.29	26.14	21.15	30.61	14.17	16.43	57.03	4.89	52.13	82.49	4.85	77.64	68.97	7.69	61.28	21.56	16.04	5.52	5.02	32.47	27.45	7.06	46.83	39.77	992,814	694,515	298,299
1989	5.26	21.06	15.80	5.90	18.40	12.49	14.92	44.78	29.86	31.07	19.74	11.33	34.30	45.01	10.71	20.53	27.67	7.14	36.77	28.36	8.42	72.78	28.57	44.2															

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)
 VARDAR RIVER BASIN - B1-5

Units: m³/sec

Units: 10³m³

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	0.82	9.05	8.23	0.85	7.91	7.06	1.44	10.89	9.45	0.52	6.40	5.88	2.50	13.02	10.52	3.65	6.44	2.79	5.88	3.33	2.54	9.47	2.00	7.47	7.58	2.00	5.58	0.94	2.00	1.06	0.49	6.11	5.63	0.29	4.10	3.81	89,203	189,881	100,677
1962	0.32	4.10	3.78	0.76	8.56	7.80	5.34	54.49	49.15	4.33	37.67	33.34	4.61	15.17	10.56	3.28	5.74	2.46	6.42	0.77	5.65	8.94	1.67	7.27	6.50	1.39	5.11	-0.01	1.26	1.27	4.49	46.16	41.67	3.20	33.22	30.02	124,900	544,854	419,953
1963	6.21	62.92	56.71	9.08	91.75	82.67	4.59	45.04	40.45	6.60	51.29	44.68	4.21	38.52	34.30	5.90	28.88	22.99	6.05	4.33	1.72	8.66	1.17	7.49	5.07	2.22	2.85	0.86	6.23	5.36	0.53	6.52	5.99	1.57	16.93	15.35	153,807	922,224	768,417
1964	0.55	6.33	5.78	0.64	6.93	6.29	1.33	14.39	13.06	2.29	11.60	9.31	1.69	14.02	12.33	2.47	11.26	8.79	5.14	4.22	0.92	8.80	1.38	7.41	2.93	3.49	0.56	1.63	5.60	3.96	1.54	16.69	15.15	1.37	14.93	13.56	78,744	287,294	208,550
1965	1.65	17.39	15.74	1.07	11.61	10.54	3.09	31.61	28.52	3.14	29.99	26.85	5.93	31.46	25.53	4.90	10.57	5.68	6.95	1.56	5.39	8.68	0.57	8.11	7.41	0.31	7.11	1.98	0.37	1.62	0.02	1.42	1.41	0.54	6.58	6.04	117,595	371,824	254,229
1966	1.63	17.21	15.57	2.65	25.20	22.55	1.47	12.68	11.21	2.85	14.94	12.09	3.69	15.89	12.19	4.64	12.93	8.29	6.14	2.55	3.59	5.92	0.23	5.69	3.44	1.04	2.40	1.32	1.31	0.01	0.32	4.41	4.09	1.68	17.99	16.31	92,684	327,559	234,876
1967	1.01	11.00	9.99	1.03	8.22	7.19	2.20	16.27	14.07	3.21	19.65	16.44	3.27	22.64	19.37	3.01	7.58	4.57	3.61	6.75	3.14	4.75	0.98	3.77	4.80	0.68	4.12	1.59	0.60	0.99	0.02	1.49	1.46	0.40	5.19	4.79	74,917	261,902	186,985
1968	0.51	5.96	5.45	1.78	17.23	15.45	1.38	8.79	7.41	2.38	5.34	2.96	2.13	3.25	1.13	1.95	6.85	4.90	7.06	0.72	6.33	7.65	0.88	6.77	7.14	1.36	5.79	1.87	0.75	1.12	0.13	2.51	2.38	0.24	3.59	3.35	88,689	148,331	59,642
1969	0.79	8.76	7.97	1.76	18.54	16.78	2.48	25.82	23.34	3.47	24.10	20.64	4.09	20.27	16.17	3.49	4.11	0.62	5.02	2.33	2.69	8.32	2.29	6.03	5.08	3.10	1.98	2.22	2.37	0.15	-0.02	0.70	0.72	0.43	5.46	5.04	96,245	305,478	209,233
1970	1.26	13.48	12.22	1.37	14.24	12.88	2.17	20.86	18.69	3.23	21.03	17.80	2.28	15.82	13.53	4.27	9.16	4.89	5.82	7.66	1.84	9.07	0.35	8.72	6.75	2.39	4.36	1.40	5.56	4.15	0.40	4.90	4.49	0.08	1.63	1.55	98,796	303,464	204,668
1971	0.93	10.19	9.26	0.67	7.67	7.00	1.60	16.33	14.73	3.27	18.71	15.45	2.75	10.57	7.83	4.71	7.63	2.91	5.52	0.53	5.00	8.39	0.40	8.00	6.29	3.81	2.45	1.98	3.69	1.71	0.27	3.18	2.91	0.22	3.43	3.21	94,902	223,282	128,380
1972	0.31	4.01	3.69	0.64	7.30	6.66	1.20	10.42	9.22	1.46	12.79	11.32	2.79	8.76	5.97	3.74	2.79	0.95	5.21	2.25	2.95	6.99	2.19	4.80	2.93	5.03	2.10	1.39	15.28	13.89	1.01	10.93	9.93	0.73	7.77	7.04	73,613	232,045	158,432
1973	0.47	5.58	5.11	1.15	12.40	11.25	1.59	15.77	14.19	3.90	28.06	24.16	5.03	19.76	14.73	3.78	5.43	1.66	6.13	4.31	1.82	6.74	3.88	2.86	8.36	9.77	1.41	2.75	7.69	4.94	0.79	7.99	7.20	1.57	15.74	14.17	109,493	353,468	243,975
1974	1.38	14.65	13.27	2.38	24.73	22.35	2.32	22.73	20.41	2.57	17.45	14.88	4.09	26.29	22.20	5.02	15.55	10.53	7.44	4.56	2.88	9.56	3.72	5.85	6.34	3.92	2.42	0.93	5.77	4.83	0.74	8.29	7.55	0.61	6.92	6.31	112,456	400,637	288,181
1975	0.56	6.05	5.49	0.46	4.76	4.30	1.02	9.34	8.33	3.03	11.41	8.38	3.41	13.03	9.62	2.02	9.01	7.00	5.53	3.25	2.28	8.32	0.76	7.56	6.75	1.20	5.54	1.54	5.40	3.86	0.71	8.01	7.30	0.83	8.77	7.93	88,576	209,979	121,402
1976	0.50	5.15	4.65	0.61	5.55	4.94	0.38	3.76	3.38	2.08	9.53	7.44	2.51	14.22	11.72	3.97	15.67	11.70	4.68	7.97	3.29	5.87	5.00	0.86	6.86	3.89	2.97	2.34	8.87	6.53	1.94	19.51	17.58	3.01	30.12	27.12	90,076	335,050	244,974
1977	1.44	14.91	13.47	2.83	27.69	24.86	1.80	14.47	12.67	2.57	10.19	7.62	1.45	5.93	4.49	1.10	4.05	2.95	6.75	0.69	6.06	5.25	0.70	4.55	6.91	0.53	6.33	1.99	1.23	0.76	0.11	2.30	2.20	0.40	4.84	4.44	84,470	226,912	142,443
1978	0.32	3.65	3.34	0.84	8.60	7.75	1.37	10.63	9.25	2.48	18.38	15.90	3.07	22.89	19.82	5.36	8.80	3.43	7.23	0.95	6.29	6.25	0.49	5.76	3.65	4.34	0.69	2.02	3.80	1.78	0.77	8.16	7.39	1.06	11.82	10.76	89,235	265,673	176,438
1979	1.17	12.17	11.00	1.63	15.69	14.07	0.99	6.83	5.83	2.58	15.63	13.05	3.68	21.45	17.77	4.79	8.70	3.91	7.00	2.37	4.63	5.55	3.39	2.16	6.33	4.24	2.09	1.79	3.37	1.58	2.42	25.12	22.70	1.44	15.21	13.77	102,065	347,765	245,700
1980	1.98	19.51	17.54	2.33	21.18	18.86	1.92	18.04	16.11	2.82	16.94	14.11	4.00	36.03	32.03	6.62	20.24	13.62	5.81	3.39	2.42	8.65	2.17	6.48	4.18	1.28	2.90	2.12	6.98	4.86	1.15	12.37	11.22	1.50	16.19	14.69	111,668	451,844	340,176
1981	1.15	12.00	10.85	1.86	18.82	16.96	4.20	39.68	35.48	4.04	28.70	24.66	4.59	14.97	10.38	3.73	7.18	3.46	7.49	3.93	3.56	5.24	3.67	1.57	6.25	10.20	3.95	1.97	11.17	9.20	1.59	17.19	15.60	3.13	32.46	29.33	117,258	518,327	401,069
1982	2.58	25.90	23.32	1.42	14.02	12.60	1.82	17.39	15.57	2.63	25.64	23.01	5.14	25.78	20.64	5.53	12.34	6.81	4.27	1.94	2.32	2.31	2.74	0.44	6.57	4.74	1.83	0.39	4.48	4.10	0.36	4.43	4.08	0.55	6.66	6.12	86,975	378,614	291,639
1983	0.68	7.24	6.57	0.99	8.96	7.97	0.90	6.31	5.41	2.33	8.97	6.64	1.91	3.74	1.83	1.03	10.13	9.10	6.37	10.47	4.10	8.77	4.15	4.62	5.62	8.85	3.23	2.10	3.06	0.96	0.25	3.33	3.08	0.99	11.13	10.13	82,763	223,760	140,997
1984	1.53	16.19	14.65	2.72	28.18	25.46	2.67	27.06	24.38	3.84	29.33	25.50	5.33	23.54	18.21	4.52	7.14	2.62	7.18	1.15	6.03	7.47	1.01	6.46	5.92	0.90	5.02	1.91	2.30	0.39	0.35	4.36	4.01	0.42	4.66	4.24	113,720	377,955	264,235
1985	0.74	8.24	7.50	0.98	8.49	7.51	0.97	10.44	9.46	2.75	13.92	11.17	2.64	13.70	11.06	4.76	3.18	1.58	7.53	0.50	7.03	8.75	0.52	8.23	7.14	0.65	6.49	1.96	1.67	0.29	0.80	9.30	8.49	0.83	8.76	7.93	103,339	205,740	102,401
1986	1.06	11.44	10.38	3.67	34.66	30.98	3.28	31.63	28.35	4.03	20.61	16.58	3.09	16.63	13.55	3.20	10.20	7.00	7.14	6.84	0.30	8.34	3.96	4.38	6.61	4.03	2.58	2.42	6.28	3.86	0.29	3.82	3.53	0.16	2.83	2.66	112,210	396,355	284,146
1987	0.45	5.37	4.92	1.23	12.51	11.28	1.11	11.81	10.70	4.60	36.62	32.01	3.71	15.27	11.56	3.34	8.62	5.28	7.66	1.78	5.88	8.10	0.48	7.63	7.30	3.37	3.94	0.26	2.42	2.16	0.24	3.62	3.38	0.44	5.26	4.81	99,653	277,626	177,973
1988	0.10	1.83	1.73	0.33	3.52	3.19	0.91	6.01	5.10	2.05	8.05	6.00	2.54	5.53	2.99	3.84	2.32	1.53	6.46	0.41	6.05	9.24	0.51	8.73	7.24	0.80	6.44	0.83	0.61	0.22	0.19	3.16	2.97	0.50	6.18	5.68	88,751	100,930	12,179
1989	0.22	1.98	1.76	0.37	1.98	1.62	1.18	9.47	8.29	1.39	6.34	4.96	3.54	15.07	11.53	2.36	9.47	7.11	4.68	6.08	1.40	9.15	3.72	5.43	7.57	1.92	5.66	0.82	7.72	6.89	0.27	3.60	3.33	0.44	5.19	4.76	82,926	188,015	105,088
1990	0.47	4.47	4.00	0.34	2.06	1.72	0.84	2.69	1.84	0.95	3.88	2.93	2.64	3.06	0.43	3.90	0.93	2.96	6.63	0.57	6.05	6.95	0.29	6.65	6.59	0.41	6.18	1.54	0.49	1.05	-0.06	0.64	0.70	0.22	3.00	2.79	80,367	58,331	22,035
1991	0.31	3.26	2.94	0.54	6.39	5.84	1.22	11.73	10.51	2.05	17.22	15.16	3.80	21.50	17.70	4.97	11.32	6.35	2.43	2.15	0.28	7.54	0.52	7.02	5.11	1.10	4.01	1.88	2.42	0.53	0.36	4.86							

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

Year	VARDAR RIVER BASIN - B1																																				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	18.53	133.97	115.45	25.09	121.14	96.06	37.50	154.51	117.01	69.99	104.25	34.25	68.25	195.39	127.14	67.12	104.72	37.59	102.30	59.67	42.64	152.27	48.00	#####	134.66	48.00	86.66	43.59	47.00	3.41	13.75	101.05	87.30	10.72	78.50	67.78	1,927,877	3,100,561	1,172,684
1962	11.20	78.52	67.33	21.25	128.45	107.20	97.43	643.10	545.67	107.13	454.57	347.44	100.76	202.49	101.73	52.47	96.81	44.34	98.74	41.17	57.57	135.85	29.00	#####	119.22	29.33	89.89	34.34	46.71	12.36	82.17	549.69	467.52	64.06	404.74	340.68	2,396,621	7,010,270	4,613,649
1963	116.79	737.49	620.70	165.75	#####	894.81	98.22	537.14	438.92	135.78	607.15	471.37	111.56	464.10	352.54	105.10	356.15	251.05	93.91	81.09	12.82	139.13	45.63	93.50	112.09	57.45	54.65	31.09	102.31	71.23	15.22	105.60	90.39	34.17	222.20	188.03	3,003,573	11,344,822	8,341,248
1964	16.10	103.43	87.33	21.09	110.16	89.07	39.50	193.82	154.32	67.53	162.55	95.03	63.84	189.59	125.75	73.12	158.69	85.57	77.97	79.77	1.80	126.38	48.05	78.33	80.05	71.64	8.41	23.23	95.25	72.02	35.62	219.55	183.93	30.80	199.83	169.04	1,698,342	4,231,015	2,532,673
1965	35.62	227.39	191.77	24.00	162.63	138.62	75.70	386.73	311.03	98.87	368.59	269.72	105.48	385.03	279.56	77.00	151.02	74.02	88.75	50.03	38.71	110.29	36.96	73.94	137.76	35.07	#####	59.62	36.66	22.96	4.81	48.50	43.70	15.30	106.28	90.98	2,159,634	5,170,779	3,011,144
1966	39.28	225.31	186.04	57.66	314.91	257.25	34.20	174.60	140.40	78.47	199.94	121.47	94.27	210.53	116.26	75.62	177.44	101.82	100.26	50.33	49.93	140.11	25.72	#####	107.96	40.67	67.90	33.97	41.36	7.38	12.07	81.91	69.84	37.36	234.13	196.76	2,102,661	4,605,573	2,502,912
1967	25.95	155.79	129.84	26.88	124.68	97.80	44.92	214.84	169.92	76.12	252.72	176.60	86.29	286.16	199.88	58.67	117.49	58.82	50.50	108.20	57.70	128.04	43.47	84.57	108.43	45.59	62.84	44.20	39.23	4.96	5.68	49.22	43.54	12.57	90.65	78.08	1,732,094	3,960,698	2,228,604
1968	15.48	99.28	83.80	42.77	225.57	182.80	34.27	131.05	96.78	68.27	92.41	24.14	44.69	68.99	24.29	45.88	109.25	63.37	111.87	40.66	71.21	99.20	28.61	70.60	117.31	36.44	80.88	50.65	40.90	9.76	6.82	60.66	53.84	9.28	72.71	63.44	1,675,697	2,608,891	933,194
1969	20.37	130.64	110.27	41.05	240.24	199.19	58.29	321.80	263.51	87.27	302.60	215.34	119.91	259.62	139.71	66.24	78.63	12.39	95.98	58.63	37.36	126.66	58.24	68.41	125.41	67.31	58.10	62.96	59.10	3.85	5.13	32.39	27.26	14.82	93.75	78.93	2,136,030	4,414,083	2,278,053
1970	31.43	183.58	152.15	31.99	192.14	160.15	55.13	266.28	211.15	90.02	268.20	178.18	74.35	209.76	135.41	66.77	135.12	68.35	75.73	118.39	42.66	146.79	36.46	#####	126.67	59.31	67.36	16.03	94.79	78.76	10.99	87.40	76.41	7.87	58.88	51.01	1,901,898	4,433,143	2,531,244
1971	26.52	170.05	143.53	17.22	118.51	101.29	36.94	215.51	178.57	89.78	242.21	152.43	74.22	151.02	76.80	70.38	118.02	47.63	65.48	38.43	27.06	124.32	36.50	87.82	85.30	75.18	10.12	50.87	73.86	23.00	9.11	68.12	59.01	8.16	71.01	62.84	1,706,339	3,572,849	1,866,509
1972	9.93	77.43	67.50	17.83	114.34	96.52	35.96	149.31	113.35	56.11	175.80	119.69	76.91	130.72	53.82	67.76	63.78	3.98	59.96	57.80	2.16	100.26	57.07	43.18	72.85	88.90	16.05	32.98	203.73	170.75	22.62	155.03	132.41	17.27	119.60	102.32	1,478,547	3,612,000	2,133,453
1973	12.18	95.06	82.88	29.40	171.44	142.04	40.19	209.28	169.09	97.49	346.89	249.40	109.50	253.90	144.40	77.73	93.43	15.70	72.80	80.85	8.05	104.28	75.99	28.29	157.66	141.97	15.69	70.67	118.67	48.00	18.08	122.06	103.98	34.08	208.84	174.76	2,135,940	4,972,433	2,836,493
1974	29.21	196.64	167.42	53.60	309.59	255.99	57.09	287.18	230.09	73.80	228.05	154.25	82.11	327.13	245.02	63.36	206.71	143.36	113.64	83.65	30.00	139.35	74.20	65.15	107.96	76.49	31.46	33.45	97.15	63.70	17.29	125.47	108.17	13.49	110.02	96.53	2,032,996	5,500,920	3,467,924
1975	14.28	100.34	86.05	15.30	85.87	70.57	29.54	137.23	107.69	74.61	160.42	85.81	68.60	178.53	109.93	45.04	133.54	88.50	73.47	69.00	4.46	117.57	41.07	76.50	124.10	41.61	82.49	29.60	93.10	63.50	15.38	122.29	106.91	17.49	130.75	113.26	1,619,967	3,353,377	1,733,409
1976	12.41	90.27	77.86	18.37	94.71	76.34	25.96	74.71	48.75	65.87	139.26	73.39	61.18	191.91	130.73	68.38	208.13	139.75	61.36	121.85	60.49	119.53	88.61	30.91	134.27	76.15	58.12	44.93	131.94	87.00	43.62	251.18	207.56	62.43	370.05	307.62	1,861,869	4,766,080	2,904,211
1977	29.79	199.65	169.86	59.24	342.78	283.54	41.13	194.67	153.54	73.67	146.74	73.07	68.75	99.03	30.28	54.87	77.95	23.08	89.42	40.28	49.14	112.96	32.19	80.77	116.86	39.36	77.50	51.93	46.28	5.65	7.40	58.32	50.92	10.26	86.77	76.51	1,856,596	3,535,547	1,678,951
1978	9.10	73.46	64.36	22.82	128.84	106.02	30.40	151.60	121.20	72.21	238.48	166.27	88.14	289.01	200.87	83.18	131.08	47.90	105.30	39.76	65.55	136.47	35.01	55.11	127.23	85.69	41.55	39.64	82.78	43.14	11.72	82.19	70.47	16.52	107.20	90.68	1,840,473	3,972,126	2,131,653
1979	29.45	168.86	139.41	42.52	208.38	165.86	29.77	109.02	79.25	71.00	207.67	136.67	80.52	272.84	192.32	67.05	130.01	62.96	92.94	59.12	33.82	87.41	70.55	16.86	118.78	80.01	38.77	30.56	70.27	39.71	52.02	314.04	262.02	30.02	202.96	172.94	1,897,450	4,908,535	3,011,085
1980	37.47	251.17	213.70	46.85	269.88	223.02	43.71	234.61	190.90	79.29	222.30	143.01	104.47	436.23	331.76	95.58	259.27	163.69	105.17	70.54	34.63	131.40	56.91	74.50	112.56	46.92	65.64	41.81	110.72	68.91	21.92	171.17	149.25	31.93	213.90	181.96	2,208,845	6,074,644	3,865,799
1981	23.41	167.04	143.63	39.94	243.39	203.45	85.45	477.13	391.68	90.54	354.06	263.52	99.04	200.31	101.27	63.40	113.02	49.62	82.16	76.57	5.59	105.52	73.68	31.84	90.77	146.78	56.01	41.70	157.66	115.96	28.94	225.16	196.22	59.92	396.17	336.25	2,101,565	6,819,528	4,717,963
1982	44.98	322.69	277.72	29.77	189.59	159.82	43.90	227.41	183.51	72.12	319.81	247.68	96.99	321.34	224.35	83.89	170.78	86.89	90.87	54.31	36.56	118.40	63.29	55.11	127.23	85.69	41.55	39.64	82.78	43.14	11.72	82.19	70.47	16.52	107.20	90.68	2,011,468	5,254,174	3,242,706
1983	14.45	113.70	99.25	23.38	132.90	109.52	28.58	103.24	74.66	70.76	133.00	62.25	54.10	74.45	20.35	41.12	146.01	104.89	72.67	149.87	77.20	130.25	79.06	51.20	95.26	131.69	36.42	53.89	66.79	12.90	9.64	69.82	60.18	28.48	157.19	128.71	1,613,731	3,519,179	1,905,448
1984	32.38	213.89	181.51	55.75	348.31	292.56	59.77	335.70	275.93	97.20	361.20	264.00	119.14	296.25	177.10	69.44	112.49	43.05	100.07	45.47	54.60	91.89	43.85	48.04	106.61	42.64	63.98	55.82	58.27	2.46	10.41	81.36	70.94	10.31	84.80	74.49	2,096,393	5,246,785	3,150,392
1985	18.46	124.90	106.45	24.53	127.63	103.09	35.13	149.47	114.33	72.93	188.49	115.56	64.35	186.05	121.71	66.41	68.16	1.75	105.53	28.67	76.86	135.88	22.33	#####	131.32	39.87	91.45	50.54	51.28	0.74	21.19	136.71	115.52	18.58	130.71	112.13	1,930,650	3,251,046	1,320,397
1986	22.80	160.69	137.89	78.29	420.84	342.55	74.65	386.94	312.29	88.63	263.44	174.81	74.18	218.90	144.72	72.28	146.78	74.50	72.41	109.13	36.72	142.25	76.88	65.37	136.97	77.74	59.23	58.88	102.86	43.99	10.85	75.34	64.49	7.91	64.21	56.31	2,177,549	5,452,946	3,275,397
1987	12.73	92.69	79.96	28.24	172.69	144.45	31.93	164.84	132.91	100.16	442.78	342.62	90.96	203.64	112.68	69.28	129.13	59.85	109.18	50.39	58.79	117.79	37.90	79.90	125.80	70.28	55.52	16.47	59.67	43.20	9.38	73.05	63.67	11.69	91.42	79.73	1,875,605	4,117,319	2,241,714
1988	8.24	53.03	44.80	12.32	71.98	59.65	22.17	99.93	77.76	68.75	122.76	54.00	78.78	94.50	15.72																								

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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			
1961	2.86	7.15	4.29	4.35	6.81	2.46	7.06	14.36	7.30	11.60	12.30	0.70	14.88	15.75	0.87	15.04	7.21	-7.83	22.73	2.42	-20.31	30.82	1.22	-29.60	27.45	1.32	-26.13	11.29	1.95	-9.34	3.23	5.09	1.86	2.18	3.85	1.67	397,815	205,853	-191,961
1962	2.84	4.38	1.54	3.80	5.89	2.09	14.94	25.52	10.58	19.65	28.43	8.78	19.27	13.62	-5.65	11.18	6.54	-4.64	21.64	2.75	-18.89	26.83	1.51	-25.31	24.25	1.86	-22.39	8.04	4.25	-3.78	9.30	34.29	24.99	7.41	28.06	20.65	438,411	407,202	-31,209
1963	12.31	50.55	38.24	20.20	54.30	34.10	12.13	37.36	25.23	18.32	38.51	20.19	16.09	36.79	20.70	17.15	23.09	5.94	19.10	10.91	-8.19	28.77	5.69	-23.08	24.34	6.20	-18.14	6.31	11.29	4.97	3.16	11.38	8.22	1.97	24.35	22.37	466,201	804,600	338,399
1964	2.64	8.92	6.28	4.22	7.97	3.75	7.43	18.31	10.88	11.07	17.77	6.70	14.11	12.58	-1.53	16.86	8.55	-3.32	15.39	4.41	-10.98	25.96	3.35	-22.60	15.53	3.97	-11.56	3.25	5.27	2.02	4.47	18.50	14.03	4.21	19.66	15.44	324,402	335,058	10,656
1965	7.35	17.20	9.85	4.15	10.43	6.28	12.48	39.36	26.87	16.09	38.56	22.47	18.42	30.43	12.00	15.28	11.05	-4.24	15.59	4.96	-10.63	18.87	4.59	-14.28	27.42	3.75	-23.67	13.23	3.67	-9.55	0.94	5.67	4.73	2.08	15.84	13.76	393,726	480,821	87,096
1966	6.49	22.69	16.20	10.32	35.73	25.40	6.04	17.92	11.88	13.70	20.44	6.74	17.45	15.34	-2.11	15.45	6.58	-3.87	23.39	3.97	-19.42	30.59	3.14	-27.46	22.19	3.65	-18.54	7.09	3.93	-3.15	2.04	10.20	8.16	2.83	18.93	16.10	408,462	421,240	12,779
1967	4.00	12.48	8.48	4.98	8.65	3.67	7.59	16.23	8.63	11.47	23.11	11.64	14.55	23.03	8.48	11.33	9.46	-1.87	9.47	7.31	-2.16	26.48	4.11	-22.37	21.77	3.14	-18.63	10.88	2.73	-8.15	1.31	2.92	1.61	1.98	5.89	3.91	326,104	308,570	-17,534
1968	2.81	8.36	5.55	4.93	15.55	10.62	6.89	9.58	2.69	11.30	13.39	2.09	7.96	8.58	0.62	8.08	13.69	5.62	23.98	4.16	-19.82	19.54	3.41	-16.13	24.95	3.07	-21.88	11.26	2.78	-8.43	1.46	3.35	1.89	2.13	4.20	2.07	324,733	233,605	-91,128
1969	3.50	4.88	1.39	7.99	13.54	5.55	10.12	25.65	15.53	14.65	27.55	12.90	21.60	21.25	-0.35	13.59	7.04	-6.55	21.58	3.60	-17.98	24.95	3.08	-21.87	26.84	3.17	-23.68	13.34	2.65	-10.69	1.60	3.09	1.50	3.10	12.82	9.71	422,129	332,604	-89,525
1970	5.18	23.30	18.12	5.61	21.52	15.90	11.51	26.45	14.94	13.17	36.55	23.37	13.99	17.37	3.38	13.87	11.52	-2.35	14.43	7.12	-7.31	29.80	2.99	-26.80	24.97	3.19	-21.78	2.07	4.41	2.33	1.75	4.88	3.13	2.62	5.89	3.27	360,265	428,156	67,891
1971	4.87	17.60	12.73	4.12	9.28	5.16	7.43	22.72	15.29	16.86	27.20	10.34	11.59	14.35	2.75	13.55	7.00	-6.55	12.49	3.11	-9.38	25.58	2.53	-23.06	18.51	3.61	-14.90	11.76	2.86	-8.90	2.27	3.43	1.17	2.70	5.33	2.63	341,468	308,484	-32,983
1972	2.51	7.60	5.09	3.91	15.20	11.28	7.64	22.01	14.37	9.21	21.75	12.55	15.28	11.38	-3.90	14.17	5.53	-3.64	10.65	4.86	-5.78	20.60	2.73	-17.87	12.29	3.68	-8.61	7.52	10.58	3.07	3.62	9.33	5.71	2.89	7.40	4.51	285,817	316,344	30,527
1973	2.28	5.70	3.42	5.00	14.57	9.57	7.22	16.79	9.57	14.35	36.27	21.92	20.84	24.78	3.94	16.89	5.99	-10.90	15.73	7.69	-8.04	20.90	3.45	-17.45	30.10	4.64	-25.46	14.24	3.75	-10.49	3.00	4.49	1.49	4.90	14.74	9.83	402,942	370,322	-32,620
1974	4.09	16.38	12.28	9.06	24.43	15.37	8.72	21.12	12.40	10.46	25.16	14.70	12.38	30.48	18.09	11.72	10.27	-2.45	23.52	3.41	-20.11	28.18	2.68	-25.50	17.67	2.80	-14.87	6.46	6.91	0.45	2.28	11.42	9.14	1.79	7.48	5.68	353,411	421,290	67,880
1975	3.47	5.85	2.38	3.40	4.86	1.46	7.11	8.49	1.38	13.20	18.25	5.06	13.48	10.45	-3.03	9.29	5.81	-3.48	15.66	2.79	-12.86	22.87	1.78	-21.09	25.26	2.08	-23.19	6.62	5.08	-1.54	3.05	6.26	3.21	3.89	8.86	4.96	329,978	208,804	-121,173
1976	3.38	5.85	2.47	4.24	7.60	3.36	6.91	9.70	2.79	12.63	15.28	2.65	10.26	14.63	4.37	13.69	11.94	-1.75	10.80	7.17	-3.62	25.96	3.53	-22.43	27.48	2.98	-24.50	12.01	3.97	-8.04	8.43	13.18	4.75	9.73	22.72	12.99	377,191	307,314	-69,876
1977	4.86	11.09	6.23	11.39	32.24	20.84	10.22	12.69	2.46	15.21	11.48	-3.74	14.36	6.72	-7.64	10.44	4.26	-6.17	17.87	2.24	-15.63	22.63	2.29	-20.34	27.31	2.33	-24.98	11.43	2.63	-8.80	1.75	5.27	3.52	1.21	6.39	5.18	385,380	258,198	-127,182
1978	1.83	5.61	3.78	4.68	17.02	12.34	7.29	24.91	17.63	13.12	24.27	11.15	16.22	24.26	8.03	17.16	9.43	-2.73	21.39	4.70	-16.69	28.05	3.23	-24.82	15.68	3.89	-11.79	11.36	2.93	-6.43	1.77	2.96	1.19	3.14	7.59	4.45	367,266	339,088	-28,178
1979	4.34	20.27	15.93	6.74	27.20	20.46	5.90	9.91	4.01	10.57	26.93	16.37	12.02	24.91	12.89	11.22	12.01	0.78	17.29	4.74	-12.55	17.39	3.32	-14.07	23.96	3.65	-20.31	9.55	3.29	-6.25	6.85	28.79	21.94	3.24	12.57	9.33	334,531	460,293	125,762
1980	4.25	17.07	12.82	5.67	18.63	12.96	8.41	19.26	10.85	13.52	19.37	5.85	18.13	38.76	20.63	16.73	14.56	-2.17	20.79	5.32	-15.47	24.16	4.07	-20.09	20.94	3.77	-17.17	9.06	6.38	-2.68	2.89	10.66	7.77	3.72	15.30	11.59	384,243	448,774	64,531
1981	2.67	8.48	5.81	6.28	12.83	6.55	12.67	30.06	17.39	11.10	23.83	12.72	18.58	15.46	-3.13	12.53	7.51	-5.01	15.47	4.04	-11.42	22.43	3.38	-19.05	14.65	3.55	-11.10	9.62	10.69	1.07	4.63	9.21	4.58	10.12	24.13	14.02	364,808	397,014	32,206
1982	5.56	20.97	15.41	5.08	8.24	3.16	9.27	14.64	5.37	12.20	27.60	15.40	18.24	16.12	-2.12	15.73	7.16	-3.57	18.52	3.33	-15.19	27.89	3.02	-24.87	27.67	3.09	-24.58	10.75	3.26	-7.49	2.27	4.07	1.80	2.47	14.14	11.67	403,403	325,642	-77,761
1983	2.72	6.33	3.61	4.36	11.68	7.32	5.25	11.22	5.97	11.82	14.49	2.67	9.66	7.87	-1.78	8.39	9.64	1.25	15.03	8.02	-7.01	24.65	3.49	-21.16	18.23	4.33	-13.90	12.46	3.55	-8.90	1.78	6.07	4.28	3.97	12.79	8.82	306,731	257,873	-48,858
1984	2.30	17.26	14.97	7.73	18.25	10.52	9.20	20.18	10.98	15.23	30.72	15.49	20.82	29.39	8.58	13.69	7.22	-6.47	20.41	3.87	-16.54	19.01	4.00	-15.01	20.67	4.37	-16.30	12.07	3.68	-8.40	1.33	5.55	4.22	1.26	3.48	2.22	372,552	383,586	11,035
1985	2.73	14.21	11.48	4.62	14.81	10.18	9.01	20.72	11.71	12.66	25.22	12.56	10.81	19.35	8.54	13.93	6.80	-7.13	22.95	2.88	-20.07	26.20	1.57	-24.63	27.28	2.39	-24.89	11.01	2.72	-8.30	3.14	21.42	18.29	2.05	10.71	8.67	379,471	370,137	-9,333
1986	2.89	18.80	15.91	11.58	42.81	31.23	10.34	42.88	32.54	12.18	27.73	15.55	12.38	23.22	10.83	13.81	13.57	-0.24	12.00	8.81	-3.19	26.20	4.40	-21.80	26.43	3.63	-22.80	11.59	3.39	-8.19	1.57	3.58	2.01	1.22	3.14	1.93	368,511	507,940	139,430
1987	1.66	12.38	10.72	4.45	17.79	13.35	4.77	15.37	10.60	14.87	25.89	11.02	17.05	16.12	-0.92	14.73	7.55	-7.18	23.15	4.35	-18.80	20.69	2.53	-18.17	24.38	2.02	-22.36	4.62	3.15	-1.47	2.36	3.70	1.34	1.96	6.34	4.38	349,141	303,745	-45,396
1988	1.91	4.34	2.43	2.68	5.48	2.81	5.53	8.55	3.02	13.13	10.60	-2.53	14.43	8.01	-6.43	11.83	3.63	-8.20	20.03	1.46	-18.57	28.45	1.26	-27.19	26.96	1.83	-25.14	10.30	2.22	-8.08	1.42	4.91	3.49	1.71	10.08	8.36	358,682	161,610	-197,072
1989	2.06	4.50	2.45	2.86	5.76	2.90	6.67	14.12	7.45	7.81	7.27	-0.54	19.65	10.40	-9.25	8.46	6.03	-2.42	16.89	4.98	-11.92	22.99	2.76	-20.23	27.48	2.71	-24.77	10.27	6.44	-3.82	3.01	5.90	2.89	2.49	7.23	4.75	338,572	202,491	-136,081
1990	2.77	5.06	2.29	3.74	5.27	1.53	6.38	4.98	-1.40	9.16	9.05	-0.11	16.02	5.98	-10.04	14.52	3.75	-10.77	21.48	1.98	-19.50	24.28	1.50	-22.78	28.04	2.09	-25.96	9.31	2.36	-6.95	1.37	2.94	1.57	2.90	9.25	6.35	362,799	140,452	-222,347
1991	2.08	7.15	5.07	4.74																																			

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

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
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	15,723	157,2	

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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	0.81	8.05	7.25	0.32	3.23	2.91	2.24	22.38	20.14	5.93	59.26	53.33	1.34	13.35	12.02	0.46	4.58	4.13	0.38	3.79	3.41	0.31	3.14	2.83	0.26	2.63	2.37	0.15	1.47	1.32	0.08	0.80	0.72	0.24	2.36	2.13	32,414	324,140	291,726		
1962	0.35	3.54	3.19	0.48	4.78	4.30	2.93	29.34	26.41	2.92	29.22	26.30	1.36	13.55	12.20	0.74	7.44	6.69	0.43	4.32	3.89	0.31	3.12	2.81	0.23	2.30	2.07	0.72	7.24	6.51	3.18	31.77	28.59	2.25	22.55	20.29	41,259	412,588	371,329		
1963	3.83	38.26	34.43	3.26	32.56	29.30	4.90	49.03	44.13	3.04	30.38	27.34	2.86	28.57	25.71	1.64	16.37	14.73	0.60	6.00	5.40	0.40	3.99	3.60	0.39	3.87	3.48	0.69	6.92	6.22	0.61	6.10	5.49	1.52	15.25	13.72	61,506	615,059	553,553		
1964	1.00	9.96	8.96	0.61	6.09	5.48	0.78	7.79	7.01	0.75	7.52	6.77	0.89	8.92	8.02	0.61	6.06	5.46	0.82	8.19	7.37	0.62	6.15	5.54	0.27	2.70	2.43	0.29	2.88	2.60	1.03	10.33	9.29	0.69	6.90	6.21	21,638	216,379	194,741		
1965	0.78	7.82	7.04	0.70	7.05	6.34	1.53	15.27	13.74	1.64	16.37	14.74	1.88	18.78	16.91	0.91	9.13	8.22	0.28	2.79	2.51	0.36	3.57	3.21	0.22	2.21	1.99	0.26	2.64	2.38	0.28	2.83	2.55	0.63	6.33	5.70	24,575	245,748	221,173		
1966	0.96	9.65	8.68	1.46	14.63	13.16	0.96	9.59	8.63	1.19	11.89	10.70	1.05	10.52	9.46	0.86	8.56	7.71	0.67	6.70	6.03	0.17	1.67	1.51	0.06	0.59	0.53	0.25	2.48	2.23	0.69	6.92	6.23	1.18	11.80	10.62	24,624	246,236	221,612		
1967	0.77	7.74	6.97	0.57	5.71	5.14	1.11	11.09	9.98	1.63	16.26	14.64	1.66	16.63	14.96	0.62	6.22	5.60	0.55	5.49	4.94	0.31	3.10	2.79	0.30	3.02	2.72	0.28	2.81	2.53	0.48	4.78	4.30	0.42	4.22	3.80	22,567	225,667	203,100		
1968	0.61	6.08	5.47	0.90	8.96	8.06	0.65	6.46	5.81	0.85	8.52	7.67	0.66	6.56	5.91	0.70	7.01	6.30	0.29	2.89	2.60	0.24	2.42	2.18	0.29	2.88	2.59	0.38	3.79	3.41	0.34	3.44	3.10	0.38	3.78	3.41	16,277	162,772	146,495		
1969	0.38	3.79	3.41	0.81	8.15	7.33	2.06	20.55	18.50	1.78	17.78	16.00	1.67	16.68	15.01	0.58	5.83	5.25	0.53	5.31	4.78	0.26	2.58	2.32	0.27	2.71	2.44	0.25	2.49	2.24	0.25	2.53	2.27	0.85	8.53	7.68	25,123	251,227	226,105		
1970	1.29	12.94	11.64	0.87	8.69	7.82	1.70	17.05	15.34	1.78	17.79	16.01	1.13	11.31	10.18	0.67	6.68	6.01	0.34	3.37	3.03	0.29	2.88	2.59	0.30	3.01	2.71	0.26	2.55	2.30	0.32	3.20	2.88	0.51	5.13	4.62	24,524	245,236	220,713		
1971	1.04	10.39	9.35	0.70	6.98	6.28	1.14	11.35	10.22	1.39	13.95	12.55	1.36	13.60	12.24	0.96	9.63	8.67	0.54	5.43	4.89	0.39	3.92	3.53	0.32	3.18	2.86	0.57	5.68	5.11	0.34	3.44	3.10	0.22	2.20	1.98	23,265	232,654	209,388		
1972	0.42	4.21	3.79	0.72	7.21	6.49	0.97	9.68	8.71	1.22	12.16	10.94	0.73	7.32	6.59	0.44	4.35	3.92	0.40	4.05	3.64	0.31	3.11	2.80	0.39	3.88	3.49	0.73	7.26	6.53	0.67	6.70	6.03	0.57	5.72	5.15	19,607	196,073	176,466		
1973	0.50	4.98	4.49	0.68	6.78	6.10	0.65	6.53	5.88	1.16	11.63	10.46	0.76	7.58	6.82	0.43	4.27	3.84	0.30	3.04	2.74	0.32	3.25	2.92	0.83	8.32	7.49	0.49	4.90	4.41	0.45	4.51	4.06	0.83	8.25	7.43	19,190	191,899	172,709		
1974	0.80	7.95	7.16	1.05	10.52	9.47	1.33	13.27	11.94	1.21	12.11	10.90	1.92	19.21	17.29	1.22	12.21	10.99	0.61	6.14	5.53	0.29	2.90	2.61	0.38	3.77	3.40	0.47	4.66	4.19	0.48	4.83	4.35	0.52	5.21	4.69	26,641	266,413	239,772		
1975	0.44	4.45	4.00	0.16	1.61	1.45	0.67	6.74	6.07	1.00	10.05	9.04	1.17	11.69	10.52	0.79	7.86	7.08	0.45	4.54	4.08	0.32	3.16	2.84	0.33	3.28	2.95	0.36	3.58	3.22	0.13	1.29	1.16	0.40	3.97	3.58	16,127	161,270	145,143		
1976	0.48	4.81	4.33	0.51	5.10	4.59	0.84	8.36	7.52	0.60	6.00	5.40	0.86	8.62	7.76	0.88	8.85	7.96	0.51	5.13	4.62	0.28	2.81	2.53	0.45	4.46	4.02	0.38	3.82	3.44	0.64	6.42	5.78	1.45	14.47	13.03	20,439	204,390	183,951		
1977	0.73	7.29	6.56	1.46	14.63	13.17	0.83	8.35	7.51	0.77	7.74	6.96	0.60	6.03	5.42	0.31	3.14	2.83	0.26	2.62	2.36	0.15	1.50	1.35	0.21	2.09	1.88	0.30	3.04	2.73	0.41	4.13	3.71	0.48	4.78	4.30	16,932	169,318	152,386		
1978	0.52	5.16	4.64	0.78	7.80	7.02	0.69	6.92	6.23	1.27	12.73	11.46	1.90	18.99	17.09	0.76	7.59	6.83	0.43	4.33	3.90	0.29	2.93	2.64	0.36	3.61	3.25	0.29	2.86	2.57	0.29	2.88	2.59	0.50	5.03	4.53	20,951	209,507	188,556		
1979	1.24	12.38	11.14	1.27	12.67	11.40	1.36	13.57	12.21	1.15	11.54	10.38	1.27	12.69	11.42	0.69	6.91	6.22	0.32	3.19	2.87	0.16	1.56	1.40	0.29	2.91	2.62	0.28	2.75	2.48	2.15	21.54	19.39	0.85	8.49	7.64	28,562	285,624	257,061		
1980	0.89	8.85	7.97	0.76	7.57	6.82	1.49	14.86	13.38	1.14	11.39	10.25	2.00	19.98	17.98	1.07	10.73	9.65	0.45	4.50	4.05	0.34	3.36	3.02	0.15	1.50	1.35	0.47	4.72	4.24	0.68	6.82	6.13	0.74	7.37	6.63	26,348	263,476	237,128		
1981	0.77	7.66	6.90	0.62	6.23	5.61	0.97	9.73	8.76	1.93	19.31	17.38	1.48	14.76	13.28	0.62	6.22	5.60	0.63	6.26	5.63	0.22	2.17	1.95	0.28	2.77	2.50	0.61	6.15	5.53	0.63	6.32	5.69	0.61	6.08	5.47	24,279	242,785	218,507		
1982	1.11	11.09	9.98	0.88	8.84	7.95	0.72	7.16	6.44	1.07	10.66	9.59	1.04	10.38	9.34	0.57	5.69	5.12	0.32	3.17	2.86	0.33	3.29	2.96	0.31	3.14	2.83	0.31	3.05	2.75	0.33	3.29	2.96	0.70	7.02	6.32	19,897	198,966	179,069		
1983	0.44	4.37	3.94	0.72	7.18	6.46	0.69	6.93	6.23	0.64	6.39	5.75	0.62	6.17	5.55	0.73	7.33	6.60	0.65	6.47	5.83	0.29	2.90	2.61	0.31	3.12	2.81	0.28	2.79	2.51	0.44	4.39	3.95	0.68	6.75	6.08	16,794	167,937	151,143		
1984	0.92	9.23	8.31	0.31	3.11	2.80	1.23	12.26	11.03	1.81	18.12	16.31	1.86	18.59	16.74	0.63	6.27	5.64	0.34	3.44	3.09	0.39	3.89	3.50	0.27	2.72	2.45	0.32	3.18	2.86	0.38	3.77	3.39	0.89	8.90	8.01	24,227	242,269	218,042		
1985	0.68	6.77	6.09	0.80	7.96	7.17	1.12	11.16	10.04	1.46	14.56	13.11	1.20	11.97	10.77	0.53	5.32	4.79	0.30	3.01	2.71	0.23	2.30	2.07	0.22	2.22	1.99	0.22	2.24	2.02	0.95	9.54	8.58	0.67	6.70	6.03	21,705	217,051	195,346		
1986	1.02	10.16	9.14	2.23	22.33	20.10	2.15	21.51	19.36	1.72	17.17	15.46	1.59	15.93	14.34	0.93	9.33	8.39	0.62	6.15	5.54	0.39	3.85	3.47	0.30	3.04	2.73	0.30	3.01	2.71	0.33	3.26	2.94	0.33	3.29	2.96	30,853	308,535	277,681		
1987	0.60	6.03	5.43	0.91	9.14	8.23	0.84	8.36	7.52	1.36	13.57	12.21	1.21	12.13	10.92	0.67	6.67	6.00	0.37	3.69	3.32	0.24	2.44	2.20	0.22	2.19	1.98	0.27	2.74	2.47	0.33	3.29	2.96	0.47	4.70	4.23	19,429	194,288	174,860		
1988	0.35	3.50	3.15	0.39	3.90	3.51	0.61	6.06	5.46	0.86	8.61	7.75	0.69	6.94	6.25	0.35	3.46	3.11	0.23	2.31	2.08	0.21	2.14	1.92	0.20	2.00	1.80	0.21	2.09	1.88	0.31	3.10	2.79	0.57	5.71	5.14	12,912	129,121	116,209		
1989	0.45	4.49	4.04	0.27	2.69	2.42	0.63	6.29	5.66	0.68	6.82	6.13	1.10	11.00	9.90	0.89	8.88	7.99	0.46	4.61	4.15	0.61	6.10	5.49	0.76	7.63	6.87	0.35	3.48	3.13	0.47	4.74	4.27	0.39	3.89	3.50	18,305	183,050	164,745		
1990	0.34	3.39	3.05	0.33	3.27	2.94	0.21	2.07	1.87	0.56	5.65	5.08	0.65	6.50	5.85	0.32	3.22	2.90	0.11	1.07	0.96	0.12	1.15	1.04	0.16	1.55	1.40	0.18	1.78	1.60	0.22	2.16	1.94	0.28	2.80	2.52	8,971	89,715	80,743		
1991	0.48	4.85	4.36	0.59	5.90	5.31	1.18	11.82	10.64	1.21	12.14	10.92	1.33	13.29	11.96	0.74	7.43	6.69	0.42	4.17	3.75	0.35	3.52	3.17	0.32	3.24	2.91	0.35	3.47	3.13	0.60	6.00	5.40	0.48	4.80	4.32	20,895	208,954	188,058		
1992	0.40	3.96																																							

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

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	1.86	20.62	18.76	1.52	16.20	14.68	4.40	44.56	40.16	8.75	84.87	76.12	4.56	42.97	38.41	2.37	22.41	20.04	1.73	11.07	9.34	2.22	7.16	4.94	2.06	6.34	4.27	1.03	6.68	5.65	1.32	14.51	13.19	1.06	12.01	10.95	85,232	750,106	664,874
1962	1.08	12.79	11.72	1.36	15.70	14.34	7.02	72.16	65.14	7.92	77.67	69.75	4.75	40.85	36.10	2.38	23.00	20.62	1.79	11.34	9.55	2.13	7.13	5.00	1.97	6.95	4.98	1.96	17.02	15.06	9.89	100.40	90.51	7.86	79.94	72.08	129,868	1,205,193	1,075,325
1963	11.93	121.33	109.40	12.25	124.62	112.37	11.29	114.81	103.52	9.92	97.45	87.53	9.44	92.97	83.53	6.18	60.01	53.83	2.84	23.61	20.77	2.92	15.70	12.78	2.60	15.79	13.18	2.67	25.28	22.61	2.15	22.68	20.53	4.86	49.95	45.10	204,906	1,980,799	1,775,893
1964	2.47	26.61	24.13	1.94	20.95	19.01	3.52	36.28	32.76	3.92	36.07	32.15	3.55	36.02	32.48	2.47	24.30	21.82	2.28	18.65	16.36	2.35	13.55	11.21	1.84	10.99	9.16	1.60	14.59	13.00	3.54	36.73	33.19	3.27	34.06	30.79	84,890	800,433	715,542
1965	3.07	32.71	29.64	2.30	25.10	22.81	6.03	61.11	55.07	6.65	63.83	57.18	7.53	71.02	63.49	3.84	36.61	32.77	2.10	12.65	10.55	2.32	10.60	8.28	2.38	8.35	5.96	1.47	7.79	6.32	1.05	12.00	10.94	2.61	27.44	24.83	107,198	956,981	849,783
1966	3.77	39.74	35.97	5.58	57.11	51.53	3.67	38.17	34.50	4.95	46.87	41.92	4.77	43.23	38.46	3.30	31.57	28.28	1.90	13.98	12.08	1.93	6.35	4.43	1.78	6.03	4.26	1.17	8.46	7.29	2.21	23.54	21.33	4.22	43.61	39.39	101,710	929,658	827,949
1967	2.61	27.98	25.36	1.89	20.04	18.15	3.84	39.50	35.66	5.09	49.07	43.98	5.64	55.06	49.42	2.20	21.87	19.67	1.99	19.54	17.55	2.26	9.25	7.00	1.94	8.83	6.90	1.11	7.85	6.75	0.86	9.95	9.09	1.40	15.34	13.95	79,857	736,883	657,026
1968	1.98	21.81	19.83	3.04	32.28	29.25	2.51	25.65	23.14	3.85	34.86	31.01	3.01	28.10	25.10	3.37	34.09	30.72	2.02	11.88	9.86	1.72	7.48	5.76	2.01	8.71	6.70	1.31	7.70	6.39	0.93	10.73	9.80	1.14	12.77	11.63	69,689	611,875	542,186
1969	1.24	14.41	13.18	3.15	33.63	30.48	6.03	62.21	56.18	6.86	67.10	60.24	7.16	65.26	58.10	2.19	19.68	17.50	1.64	10.78	9.14	1.86	7.13	5.28	1.93	7.57	5.64	1.35	6.61	5.26	0.56	6.71	6.15	2.69	28.27	25.58	95,016	853,738	758,722
1970	5.01	52.13	47.12	4.13	43.38	39.25	6.36	65.42	59.06	8.15	78.77	70.62	4.39	41.94	37.55	2.78	28.17	25.39	2.16	17.89	15.73	2.30	8.47	6.17	2.32	8.84	6.51	0.80	8.24	7.44	0.87	10.20	9.33	1.11	12.32	11.21	104,715	973,973	869,257
1971	3.97	41.75	37.78	1.93	21.40	19.47	3.97	41.47	37.50	5.68	54.01	48.32	4.61	41.22	36.61	2.64	24.47	21.83	1.58	11.07	9.50	1.90	8.02	6.12	1.60	10.68	9.08	1.58	11.30	9.72	0.80	9.09	8.30	0.84	9.74	8.89	80,622	736,664	656,042
1972	1.16	13.61	12.45	2.35	25.66	23.31	3.47	35.58	32.11	4.62	46.96	42.35	3.04	26.11	23.07	1.64	14.18	12.54	1.53	12.96	11.43	1.64	9.18	7.54	2.21	12.29	10.08	2.43	25.87	23.44	2.24	23.61	21.37	1.86	19.70	17.84	73,017	688,699	615,682
1973	1.47	16.76	15.28	2.76	29.60	26.84	2.94	31.00	28.06	6.11	58.21	52.09	5.65	51.28	45.63	2.22	19.89	17.66	1.56	12.38	10.82	1.98	11.44	9.46	3.82	22.51	18.69	2.18	14.94	12.75	1.48	15.72	14.23	3.49	35.89	32.40	92,495	828,440	735,945
1974	2.99	31.94	28.95	4.29	45.03	40.74	4.31	44.25	39.94	4.76	46.19	41.43	7.04	67.90	60.86	3.67	35.91	32.24	2.39	15.65	13.26	2.17	9.51	7.33	2.48	11.39	8.91	1.99	17.64	15.65	2.16	22.92	20.75	1.70	18.34	16.64	103,575	950,390	846,815
1975	1.24	14.17	12.93	0.81	10.04	9.23	2.06	22.11	20.06	4.23	40.61	36.38	4.14	38.75	34.61	2.06	20.41	18.35	1.35	10.57	9.21	1.88	6.90	5.03	2.00	6.81	4.80	1.43	13.11	11.67	1.10	12.48	11.37	1.59	17.24	15.65	61,920	552,584	490,664
1976	1.34	15.23	13.90	1.65	17.93	16.27	2.39	24.26	21.88	3.17	30.37	27.20	3.92	37.77	33.85	3.10	32.37	29.27	1.95	17.85	15.90	1.90	10.39	8.49	2.37	9.67	7.30	1.17	11.08	9.91	2.89	29.84	26.94	5.66	57.60	51.94	81,708	762,992	681,284
1977	2.48	26.87	24.39	5.80	59.43	53.63	3.13	31.79	28.66	3.31	30.13	26.81	2.54	21.61	19.07	1.50	13.07	11.57	1.38	7.12	5.74	1.77	6.51	4.74	1.59	7.39	5.80	1.50	8.88	7.38	1.17	13.20	12.03	1.43	15.65	14.23	71,577	626,341	554,764
1978	1.13	13.37	12.24	3.32	34.78	31.46	4.46	46.54	42.07	6.28	62.25	55.98	7.73	74.73	67.00	2.97	27.29	24.32	2.01	11.94	9.92	2.15	8.13	5.99	1.51	11.28	9.76	1.31	8.11	6.80	0.72	8.26	7.54	1.56	16.94	15.38	91,124	838,835	747,711
1979	4.37	45.68	41.32	5.24	53.75	48.52	3.40	34.45	31.05	5.12	50.81	45.69	5.51	55.29	49.78	2.89	27.78	24.89	1.96	12.03	10.07	1.09	5.56	4.46	2.07	9.57	7.50	0.83	9.55	8.72	6.04	61.89	55.84	2.66	27.97	25.31	106,711	1,022,100	915,388
1980	3.24	34.46	31.22	3.36	34.95	31.60	4.15	43.43	39.27	4.46	42.47	38.00	8.08	80.01	71.93	4.31	40.97	36.66	2.29	14.73	12.44	2.34	9.98	7.65	2.04	6.94	4.90	1.71	15.18	13.47	2.31	24.55	22.24	3.20	33.41	30.21	107,550	987,805	880,254
1981	1.82	20.22	18.40	2.45	26.68	24.22	7.01	70.31	63.30	6.10	59.75	53.66	4.45	39.59	35.14	2.29	22.58	20.29	1.83	13.90	12.08	1.57	8.54	6.96	2.02	10.48	8.47	2.11	21.66	19.54	2.14	22.85	20.71	5.19	53.25	48.07	101,032	958,568	857,535
1982	3.82	40.15	36.33	2.03	21.82	19.79	3.04	31.69	28.65	5.10	52.42	47.33	4.03	38.15	34.12	2.14	19.48	17.35	1.64	9.44	7.80	1.66	9.55	7.90	1.90	9.62	7.71	0.96	8.87	7.91	0.86	9.89	9.03	2.37	25.04	22.67	76,546	715,693	639,147
1983	1.23	14.26	13.03	2.37	25.55	23.19	2.45	24.53	22.09	3.40	30.80	27.40	2.24	19.30	17.06	2.52	26.15	23.63	2.41	22.71	20.29	2.05	8.33	6.28	1.56	9.22	7.66	1.28	7.88	6.59	1.29	14.34	13.06	2.25	23.85	21.60	64,898	588,153	523,255
1984	3.31	35.02	31.71	3.37	35.86	32.48	4.43	45.35	40.92	7.06	69.73	62.67	7.85	71.67	63.82	2.22	21.90	19.68	1.70	10.72	9.02	1.63	10.81	9.18	2.10	9.62	7.51	1.47	8.56	7.09	1.05	11.77	10.71	1.34	14.65	13.31	97,290	895,917	798,627
1985	2.19	23.90	21.71	2.75	28.69	25.94	4.05	41.53	37.49	5.62	55.24	49.62	4.61	44.80	40.19	1.92	18.07	16.15	1.61	8.79	7.18	2.06	5.91	3.84	1.90	5.59	3.69	1.07	5.69	4.62	3.36	35.02	31.67	2.24	23.62	21.38	86,481	769,428	682,947
1986	3.55	37.52	33.97	8.58	86.47	77.89	8.19	83.18	74.99	7.00	65.73	58.74	6.09	60.73	54.64	3.43	34.18	30.75	2.36	21.41	19.05	2.70	12.16	9.46	2.40	8.89	6.50	1.40	8.79	7.39	0.87	9.80	8.94	0.87	9.90	9.03	122,923	1,137,298	1,014,375
1987	1.89	20.93	19.04	3.13	33.43	30.30	2.80	30.28	27.48	5.27	51.24	45.96	5.08	45.46	40.39	2.35	23.51	21.15	1.80	11.51	9.71	2.03	6.51	4.48	1.87	5.50	3.64	0.65	7.70	7.05	0.85	9.91	9.06	1.43	15.56	14.14	75,522	677,896	602,373
1988	0.88	10.74	9.86	1.05	12.35	11.31	1.93	21.06	19.13	3.44	31.30	27.86	3.11	24.58	21.47	1.09	10.57	9.48	1.37	5.96	4.60	2.04	5.28	3.23	1.56	4.73	3.17	0.72	5.09	4.37	0.77	9.13	8.36	1.83	19.65	17.82	51,262	415,849	364,587
1989	1.02	11.85	10.83	0.95	11.29	10.34	2.73	28.35	25.62	2.56	22.73	20.17	3.83	37.38	33.55	2.36	22.69	20.34	1.80	16.84	15.03	2.64	13.00	10.36	2.39	13.10	10.71	1.60	15.57	13.98	1.30	14.31	13.01	1.37	14.96	13.59	63,645	575,622	511,977
1990	0.99	11.55	10.57	0.96	11.53	10.57	1.03	10.26	9.23	2.17	20.19	18.02	2.15	16.96	14.81	1.13	9.04	7.91	1.01	4.68	3.67	1.38	4.39	3.02	1.55	5.06	3.51	1.09	5.54	4.44	0.60	7.48	6.88	1.20	13.38	12.18	39,535	311,196	271,661

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

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	0.55	5.23	4.68	1.39	13.69	12.30	0.78	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	17,336	162,731	145,395
1962	0.55	5.46	4.92	0.57	5.65	5.08	1.92	19.18	17.26	1.09	10.68	9.59	0.31	2.63	2.32	0.21	1.78	1.58	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	17,848	168,798	150,951
1963	1.33	13.34	12.00	1.55	15.51	13.96	0.63	6.23	5.60	1.39	13.67	12.28	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	0.23	2.35	2.11	0.30	3.02	2.71	22,109	211,842	189,733
1964	0.63	6.31	5.68	0.72	7.14	6.42	0.61	5.96	5.35	0.48	4.59	4.11	1.02	9.88	8.87	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	16,095	153,344	137,249
1965	0.63	6.32	5.68	0.40	4.04	3.64	0.95	9.44	8.49	1.12	10.92	9.81	1.31	12.76	11.45	0.55	5.10	4.55	0.19	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	15,387	144,628	129,240
1966	0.93	9.34	8.40	1.43	14.31	12.87	0.79	7.81	7.02	1.24	12.16	10.92	0.77	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	19,641	186,303	166,662
1967	0.71	7.12	6.41	0.57	5.62	5.05	1.16	11.49	10.33	1.11	10.92	9.81	0.75	7.13	6.38	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	18,020	171,990	153,970
1968	0.38	3.83	3.45	0.73	7.26	6.53	0.75	7.43	6.67	0.46	4.35	3.89	0.25	2.29	2.04	0.34	3.18	2.84	0.15	0.68	0.53	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	10,613	97,059	86,446
1969	0.59	5.87	5.28	1.33	13.27	11.94	1.42	14.24	12.82	1.20	11.79	10.59	0.56	5.20	4.44	0.39	3.47	3.08	0.33	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	0.87	0.24	2.44	2.19	17,279	162,160	144,881
1970	0.63	6.31	5.68	0.72	7.17	6.46	1.22	12.14	10.91	0.78	7.48	6.70	0.99	9.59	8.60	0.62	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	19,932	190,681	170,749
1971	1.21	12.12	10.91	0.42	4.19	3.78	1.37	13.66	12.30	1.21	11.77	10.56	0.42	3.83	3.41	0.43	3.89	3.46	0.31	2.75	2.43	0.17	0.83	0.66	0.43	3.74	3.31	0.25	2.10	1.85	0.21	2.08	1.87	0.30	3.02	2.72	17,420	165,817	148,398
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	0.44	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	12,625	119,772	107,147
1973	0.19	1.94	1.74	0.45	4.49	4.04	0.79	7.90	7.11	1.37	13.54	12.17	0.82	7.69	6.87	0.33	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	15,468	144,913	129,445
1974	0.60	5.98	5.38	1.26	12.56	11.30	1.04	10.34	9.30	0.81	7.91	7.10	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	20,183	194,144	173,961
1975	0.27	2.74	2.46	0.28	2.79	2.51	0.69	6.87	6.18	0.49	4.52	4.03	0.68	6.61	5.93	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	0.26	2.64	2.38	0.32	3.22	2.90	12,268	114,736	102,467
1976	0.29	2.94	2.65	0.40	3.97	3.57	0.42	4.08	3.66	0.92	8.86	7.94	0.75	7.27	6.53	0.69	6.53	5.85	0.61	5.85	5.23	0.49	4.06	3.57	0.33	2.43	2.10	0.59	5.55	4.97	1.20	11.95	10.76	1.29	12.88	11.59	20,651	197,954	177,303
1977	0.58	5.76	5.18	1.45	14.47	13.02	1.08	10.74	9.66	0.68	6.45	5.77	0.38	3.42	3.04	0.24	2.12	1.87	0.18	1.20	1.02	0.19	1.15	0.96	0.17	0.81	0.64	0.13	0.96	0.83	0.18	1.80	1.62	0.23	2.28	2.05	14,224	132,568	118,343
1978	0.32	3.23	2.90	0.67	6.63	5.96	0.80	7.90	7.10	0.98	9.62	8.64	0.79	7.60	6.80	0.45	4.00	3.55	0.19	1.21	1.01	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	13,198	122,566	109,368
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	1.84	0.16	1.05	0.89	0.17	1.12	0.95	0.20	1.13	0.93	0.12	0.96	0.83	0.30	3.05	2.74	0.22	2.17	1.95	11,102	102,552	91,450
1980	0.36	3.56	3.21	0.47	4.62	4.15	0.87	8.60	7.74	0.76	7.33	6.57	1.54	15.16	13.63	0.69	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	0.55	5.54	4.99	1.14	11.27	10.13	0.51	4.85	4.34	0.46	4.11	3.65	0.19	1.54	1.36	0.16	1.06	0.90	0.22	1.51	1.28	0.21	1.68	1.48	0.26	2.37	2.11	0.38	3.77	3.39	1.15	11.46	10.31	13,997	132,018	118,021
1982	0.69	6.89	6.20	0.29	2.93	2.64	0.74	7.31	6.57	1.29	12.80	11.51	1.07	10.34	9.27	0.24	1.94	1.70	0.20	1.34	1.15	0.20	1.08	0.88	0.16	0.64	0.48	0.11	0.80	0.69	0.14	1.37	1.23	0.19	1.90	1.71	13,802	127,910	114,108
1983	0.15	1.53	1.38	0.37	3.67	3.30	0.42	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	0.29	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	10,863	100,937	90,075
1984	0.23	2.27	2.04	0.82	8.19	7.37	1.19	11.83	10.64	1.31	12.86	11.56	0.46	4.08	3.62	0.18	1.43	1.24	0.14	0.69	0.55	0.15	0.83	0.69	0.15	0.76	0.61	0.12	0.80	0.68	0.11	1.12	1.01	0.09	0.94	0.84	12,834	118,748	105,915
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	0.38	0.09	0.51	0.42	0.25	2.51	2.26	0.13	1.31	1.18	12,060	110,410	98,349
1986	0.32	3.20	2.88	1.14	11.32	10.18	1.02	10.14	9.12	0.48	4.54	4.06	0.41	3.76	3.36	0.27	2.25	1.99	0.21	1.75	1.55	0.15	0.60	0.45	0.15	0.65	0.49	0.10	0.64	0.54	0.06	0.62	0.56	0.06	0.61	0.55	11,318	103,938	92,620
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	0.95	9.09	8.14	0.40	3.54	3.15	0.20	1.20	1.00	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	10,469	95,184	84,715
1988	0.19	1.93	1.73	0.23	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	0.19	1.21	1.02	0.14	0.45	0.31	0.15	0.61	0.46	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	2.02	0.41	4.04	3.63	0.49	4.78	4.29	1.04	10.00	8.97	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	13,928	131,246	117,318
1990	0.26	2.63	2.37	0.27	2.69	2.41	0.33	3.19	2.86	0.45	4.33	3.87	0.43	3.82	3.39	0.25	1.99	1.75	0.16	0.86	0.70	0.12	0.37	0.25	0.13	0.34	0.21	0.07	0.39	0.32	0.04	0.42	0.38	0.17	1.74	1.57	6,985	59,046	52,061
1991	0.08	0.76	0.68	0.23	2.25	2.02	0.71	7.04	6.32	1.06	10.54	9.47	1.23	11.93	10.70	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	13,142	122,950	109,808
1992	0.16	1.61	1.45	0.18	1.76	1.57	0.47	4.63	4.16	1.20	11.83	10.63																											

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)
PCHINJA RIVER BASIN - B3-2

Units: m³/sec

Units: 10³ m³

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	3.12	2.81	1.32	2.32	1.00	2.24	3.95	1.72	6.24	5.11	1.13	4.69	8.26	3.57	7.31	3.53	3.79	13.85	1.56	12.29	19.49	0.64	18.85	17.26	0.67	16.59	6.41	1.11	5.31	0.38	3.07	2.69	0.30	3.98	3.68	206,805	96,720	110,086
1962	0.57	4.98	4.41	0.98	6.59	5.60	2.52	20.23	17.71	5.90	13.53	7.63	9.72	6.16	3.56	5.08	3.15	1.93	13.09	1.89	11.20	17.13	0.77	16.36	15.47	0.69	14.79	4.42	1.38	5.04	0.58	6.79	6.21	0.63	7.25	6.63	197,241	190,290	6,951
1963	1.32	13.27	11.95	1.51	15.21	13.70	2.33	8.31	5.98	6.13	15.75	9.62	7.12	11.40	4.28	8.36	8.39	0.02	12.03	4.14	7.89	18.20	2.28	15.92	15.14	2.68	12.46	2.83	4.00	1.18	0.77	3.66	2.89	0.42	5.20	4.78	197,434	244,412	46,977
1964	0.52	2.78	2.26	1.18	3.43	2.25	2.23	4.78	2.55	4.64	4.18	0.46	6.15	5.91	0.24	8.41	3.84	4.57	8.98	2.07	6.92	16.51	1.58	14.93	9.35	2.30	7.05	1.09	4.26	3.17	0.71	6.37	5.66	0.50	5.94	5.44	156,186	122,923	33,263
1965	0.78	7.93	7.15	0.63	5.58	4.95	2.76	7.44	4.68	5.46	9.14	3.68	6.19	10.45	4.26	7.97	5.66	2.31	9.48	3.13	6.36	11.89	1.14	10.75	17.62	0.89	16.73	8.20	1.25	6.95	0.07	1.74	1.67	0.22	3.19	2.97	184,765	149,165	35,600
1966	0.37	3.75	3.39	1.64	8.94	7.29	1.66	4.96	3.29	6.01	6.28	0.27	9.24	6.43	2.81	7.57	8.60	1.03	14.63	3.47	11.16	19.47	2.33	17.14	14.09	1.07	13.01	4.18	2.28	1.90	0.17	2.65	2.49	0.29	3.88	3.59	205,538	141,586	63,952
1967	0.54	3.84	3.30	1.44	3.61	2.16	2.28	5.20	2.92	4.58	6.34	1.75	6.84	5.03	1.81	5.92	3.11	2.81	4.33	3.93	0.39	16.77	2.13	14.64	13.73	1.14	12.59	6.54	1.48	5.06	0.14	1.52	1.39	0.09	1.91	1.82	163,819	101,706	62,113
1968	0.28	2.84	2.57	1.05	5.53	4.48	2.79	6.14	3.34	6.22	6.44	0.22	4.20	4.06	0.14	3.80	5.05	1.25	14.97	2.53	12.44	12.24	3.17	9.07	15.89	3.41	12.48	6.97	0.79	6.18	0.06	1.60	1.54	0.14	2.42	2.28	177,881	114,022	63,859
1969	0.38	3.92	3.54	0.93	9.36	8.44	1.58	11.69	10.11	5.51	9.58	4.08	12.06	8.03	4.03	7.85	3.57	4.28	13.41	2.45	10.96	15.73	1.38	14.36	17.04	1.34	14.56	8.16	0.82	7.34	0.42	0.93	0.51	0.14	2.36	2.23	215,668	143,701	71,967
1970	0.39	4.03	3.63	0.61	4.49	3.88	2.78	8.53	5.75	6.14	7.50	1.36	6.52	7.81	1.30	7.19	4.33	2.86	7.78	6.84	0.94	18.93	1.36	17.57	15.58	1.02	14.56	0.54	2.26	1.72	0.41	3.38	2.97	0.36	3.74	3.38	174,238	143,346	30,893
1971	0.45	3.73	3.29	0.43	3.57	3.14	0.95	8.82	7.87	7.24	9.97	2.73	6.40	4.74	1.65	7.37	2.16	5.21	7.16	1.10	6.07	16.12	0.37	15.75	10.84	0.90	9.93	6.79	0.66	6.13	0.41	0.86	0.45	0.16	0.96	0.80	166,706	98,094	68,612
1972	0.09	0.98	0.89	0.29	2.15	1.86	2.58	3.12	0.54	3.34	3.19	0.15	7.83	3.06	4.76	8.36	1.34	7.02	6.18	1.56	4.62	12.85	1.48	11.37	6.19	2.35	3.84	0.96	9.81	8.85	0.73	5.74	5.02	0.59	4.37	3.78	129,565	101,487	28,078
1973	0.60	5.23	4.64	1.14	8.12	6.98	1.60	10.21	8.62	4.78	16.82	12.03	10.80	9.95	0.85	9.74	3.72	6.02	8.92	3.10	5.82	12.85	2.34	10.51	18.51	3.83	14.68	8.52	4.38	4.13	0.97	4.73	3.77	0.92	7.72	6.80	205,679	207,794	2,115
1974	0.33	3.40	3.07	0.65	6.62	5.97	2.44	6.79	4.35	4.51	8.01	3.50	3.32	12.99	9.67	3.92	8.92	5.01	14.21	5.37	8.84	18.06	2.63	15.43	10.99	1.22	9.77	3.14	1.21	1.93	0.28	2.09	1.81	0.09	1.84	1.75	160,470	158,335	2,136
1975	0.55	2.19	1.64	0.98	1.44	0.46	2.05	7.12	5.07	7.11	5.42	1.69	5.78	7.95	2.17	3.35	6.96	3.61	8.80	3.41	5.38	14.25	0.95	13.30	16.01	1.96	14.05	2.89	2.87	0.02	0.49	3.35	2.86	0.47	4.04	3.57	162,524	123,488	39,036
1976	0.46	2.18	1.72	1.12	2.87	1.75	2.82	3.00	0.18	6.24	5.22	1.01	4.55	5.99	1.44	6.46	5.15	1.31	5.24	3.29	1.95	15.62	5.70	9.91	17.13	3.15	13.98	5.76	6.32	0.56	1.53	10.33	8.80	1.03	8.76	7.73	176,084	160,595	15,489
1977	0.73	6.53	5.80	1.45	7.87	6.42	2.67	6.57	3.90	6.85	6.00	0.84	7.69	5.13	2.56	5.89	2.80	3.09	10.93	1.66	9.27	14.22	0.99	13.23	17.26	0.84	16.42	6.60	1.19	5.41	0.32	1.69	1.36	0.13	1.46	1.33	193,719	110,747	82,972
1978	0.31	1.55	1.24	1.09	4.24	3.15	2.11	6.09	3.98	4.72	8.53	3.81	7.04	9.03	1.99	9.60	5.02	4.57	13.46	1.03	12.42	18.01	0.64	17.37	9.48	2.29	7.19	6.82	1.72	5.09	0.46	1.40	0.94	0.32	4.15	3.83	190,285	118,484	71,801
1979	0.71	6.38	5.67	1.56	7.26	5.70	2.36	3.49	1.13	4.90	10.24	5.34	6.71	4.71	1.99	6.39	2.24	4.15	10.64	1.08	9.57	10.89	1.58	9.31	15.01	1.29	13.72	5.44	1.45	3.99	0.43	5.29	4.86	0.37	3.83	3.46	169,520	126,572	42,947
1980	0.60	4.41	3.81	1.39	4.67	3.29	2.21	7.08	4.87	6.02	7.20	1.18	5.18	14.02	8.85	8.32	6.13	2.19	13.02	1.30	11.71	15.45	0.95	14.50	13.38	1.02	12.35	4.40	2.81	1.58	0.30	3.18	2.88	0.24	3.37	3.13	182,719	145,557	37,162
1981	0.37	2.92	2.55	0.72	4.73	4.01	2.99	12.26	9.27	5.02	7.15	2.13	10.50	5.28	5.22	6.92	2.30	4.62	9.34	1.79	7.56	13.97	1.56	12.41	7.90	2.28	5.62	4.78	2.44	2.34	0.35	4.48	4.13	0.93	10.28	9.35	165,311	148,943	16,369
1982	0.92	6.77	5.84	0.87	3.77	2.90	2.33	6.53	4.20	3.00	10.77	7.77	7.51	8.56	1.04	9.07	3.18	5.89	11.35	1.40	9.95	17.71	1.30	16.41	17.57	0.73	16.84	6.24	1.03	5.21	0.48	2.38	1.91	0.21	3.06	2.85	200,263	128,238	72,025
1983	0.40	2.46	2.06	0.92	3.37	2.45	2.19	3.43	1.24	6.22	4.90	1.32	5.48	2.52	2.96	2.70	4.34	1.64	6.76	4.94	1.82	15.47	2.00	13.46	10.84	1.93	8.92	6.94	1.24	5.70	0.07	1.65	1.58	0.34	2.70	2.37	151,181	91,965	59,216
1984	0.24	2.52	2.28	1.22	7.22	6.01	1.71	8.00	6.29	5.07	9.39	4.32	10.43	7.16	3.27	7.95	2.01	5.94	12.99	0.66	12.33	11.94	1.15	10.79	13.09	1.35	11.74	7.26	1.01	6.25	0.26	1.09	0.83	0.16	0.96	0.80	187,457	110,248	77,209
1985	0.27	1.98	1.71	1.21	2.89	1.69	1.59	6.79	5.20	5.63	5.80	0.17	4.74	5.29	0.55	8.00	2.12	5.88	14.23	0.67	13.56	16.63	0.35	16.28	17.25	0.57	16.67	6.71	0.66	6.05	0.11	2.14	2.02	0.16	1.75	1.59	198,393	80,421	117,972
1986	0.31	3.22	2.91	2.16	8.24	6.07	2.72	8.73	6.01	5.25	6.10	0.85	6.02	4.71	3.31	7.78	2.75	5.03	7.04	2.81	4.23	16.80	1.32	15.48	16.85	0.83	16.02	6.90	0.86	6.04	0.24	0.89	0.65	0.10	1.11	1.02	187,033	107,739	79,294
1987	0.17	1.77	1.60	1.00	2.54	1.54	1.03	4.50	3.47	5.30	10.12	4.82	8.60	9.24	0.65	8.33	3.57	4.76	14.63	0.98	13.65	13.09	0.50	12.59	15.64	0.70	14.94	2.18	0.90	1.28	0.30	1.49	1.19	0.15	1.65	1.50	182,504	98,393	84,111
1988	0.39	1.48	1.09	0.81	1.48	0.67	1.85	4.27	2.42	6.50	8.56	2.06	8.41	3.98	4.43	6.75	1.75	5.00	12.64	0.63	12.02	18.27	0.28	17.99	17.31	0.39	16.92	6.13	0.74	5.19	0.04	1.35	1.31	0.07	1.70	1.63	205,223	68,976	136,248
1989	0.54	1.23	0.69	0.98	1.44	0.46	2.57	2.99	0.42	3.18	3.99	0.81	7.07	6.60	0.47	1.78	7.52	5.75	9.32	5.40	3.92	14.34	1.82	12.52	17.47	1.91	15.56	4.81	2.79	2.02	0.43	3.58	3.15	0.24	2.50	2.26	162,540	108,274	54,266
1990	0.60	1.85	1.25	1.20	1.99	0.79	2.78	1.77	1.02	3.81	3.65	0.15	9.00	2.77	4.23	8.53	1.18	7.35	13.46	0.33	13.13	15.45	0.34	15.11	17.99	0.38	17.61	5.59	0.48	5.11	0.14	0.77	0.62	0.13	2.33	2.20	203,950	46,216	157,734
1991	0.21	1.40	1.19	0.87	2.89	2.03	1.96	4.57	2.61	2.66	8.21	5.55	8.11	12.08	3.97	9.11	6.89	2.22	6.04	2.45	3.59	15.73	1.61	14.12	13.87	0.87	13.00	6.27	2.13	4.14	0.23	3.33	3.10	0.28	2.16	1.88	169,382	125,973	43,409
1992	0.58																																						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec			Average Annual Balance		
	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net	ID	TS	Net
1961	0.31	1.24	0.92	0.80	1.15	0.35	1.23	1.78	0.55	2.90	1.38	1.52	2.31	3.27	0.95	3.45	1.40	2.06	6.24	0.56	5.69	8.68	0.33	8.34	7.69	0.32	7.37	3.01	0.47	2.54	0.36	1.17	0.81	0.27	1.19	0.92	96,583	36,939	59,644
1962	0.31	0.84	0.53	0.46	1.02	0.55	0.86	3.93	3.07	2.54	2.91	0.37	4.36	1.14	3.22	2.46	0.93	1.53	5.92	0.57	5.35	7.66	0.37	7.29	6.93	0.32	6.61	2.15	0.58	1.57	0.35	1.83	1.48	0.35	1.95	1.61	89,006	42,465	46,540
1963	0.49	2.95	2.46	0.60	3.93	3.32	1.12	2.23	1.11	2.53	2.79	0.26	3.06	1.68	1.38	3.73	1.60	2.13	5.37	0.58	4.79	8.07	0.39	7.67	6.73	0.45	6.28	1.35	0.59	0.76	0.45	0.62	0.17	0.24	0.83	0.59	87,438	48,303	39,135
1964	0.35	0.51	0.16	0.68	0.99	0.32	1.17	1.59	0.42	2.26	1.55	-0.71	2.91	1.91	-0.99	3.92	1.37	2.56	4.14	0.67	3.47	7.37	0.39	6.98	4.25	0.50	3.75	0.60	0.76	0.16	0.37	1.33	0.95	0.29	1.40	1.10	73,399	33,629	39,770
1965	0.37	1.77	1.40	0.36	1.08	0.72	1.35	2.33	0.98	2.47	2.23	-0.23	2.78	2.41	-0.36	3.59	0.96	2.63	4.30	0.41	3.88	5.40	0.35	5.05	7.84	0.32	7.52	3.77	0.33	3.43	0.21	0.39	0.19	0.23	0.77	0.54	84,623	34,669	49,954
1966	0.40	2.06	1.66	0.79	2.45	1.66	0.87	1.18	0.31	2.77	1.61	-1.16	4.14	1.41	-3.00	3.33	1.30	2.03	6.48	0.37	6.11	8.62	0.46	8.16	6.31	0.31	6.00	1.98	0.37	1.61	0.24	0.68	0.44	0.27	1.16	0.89	93,818	33,909	59,909
1967	0.39	1.25	0.86	0.80	1.09	0.30	1.17	1.60	0.43	2.16	1.64	-0.51	3.17	1.31	-1.86	2.82	0.88	-1.94	2.09	0.95	-1.15	7.48	0.39	7.09	6.17	0.35	-5.82	3.04	0.38	-2.66	0.25	0.45	0.20	0.22	0.69	0.47	77,134	28,465	48,669
1968	0.28	0.89	0.61	0.55	1.21	0.66	1.29	1.02	0.27	2.77	0.84	-1.93	2.02	0.66	-1.36	1.83	0.78	1.04	6.66	0.32	6.34	5.47	0.37	5.11	7.01	0.44	6.57	3.26	0.39	-2.87	0.23	0.60	0.37	0.23	0.76	0.53	81,911	21,457	60,453
1969	0.29	1.04	0.75	0.45	2.40	1.95	0.70	2.68	1.99	2.46	2.17	-0.30	5.27	1.12	-4.15	3.59	0.64	2.96	6.02	0.51	5.51	7.04	0.39	6.65	7.59	0.37	7.22	3.77	0.34	3.43	0.39	0.42	0.03	0.24	0.83	0.60	98,036	33,496	64,540
1970	0.36	1.74	1.37	0.47	1.83	1.36	1.33	2.48	1.15	2.78	1.67	-1.11	2.97	1.78	-1.19	3.31	1.10	2.22	3.47	1.22	2.25	8.43	0.46	7.97	6.98	0.50	6.49	0.44	0.61	0.17	0.32	0.78	0.46	0.28	0.94	0.66	80,750	39,137	41,613
1971	0.37	1.39	1.03	0.35	1.02	0.67	0.51	2.26	1.75	3.16	1.83	-1.33	2.95	0.90	-2.05	3.47	0.81	2.66	3.39	0.44	-2.95	7.26	0.36	6.90	4.95	0.57	4.38	3.20	0.49	-2.71	0.40	0.44	0.04	0.28	0.51	0.23	78,468	28,504	49,964
1972	0.25	0.62	0.37	0.34	0.87	0.54	1.32	0.94	0.38	1.67	0.82	-0.85	3.64	0.92	-2.73	3.90	0.47	3.43	2.95	0.44	2.52	5.80	0.37	5.44	2.94	0.87	2.07	0.45	2.13	1.68	0.38	1.04	0.66	0.35	0.86	0.52	62,223	26,843	35,380
1973	0.29	0.58	0.30	0.46	1.01	0.55	0.66	1.59	0.95	1.88	2.53	0.65	4.69	1.55	-3.14	4.41	0.72	-3.69	4.11	0.67	-3.43	5.78	0.47	5.31	8.15	0.85	7.30	3.80	0.63	3.16	0.49	0.70	0.20	0.38	1.22	0.83	90,941	32,445	58,496
1974	0.32	1.26	0.94	0.45	2.37	1.92	1.21	1.99	0.78	2.04	1.58	-0.46	1.44	2.57	1.12	1.83	1.96	0.13	6.28	0.88	5.39	8.00	0.47	7.53	4.99	0.57	-4.42	1.61	0.67	-0.94	0.32	0.82	0.50	0.21	0.60	0.39	74,405	40,837	33,568
1975	0.41	0.72	0.31	0.65	0.73	0.08	0.97	1.41	0.44	3.22	1.02	-2.21	2.59	1.37	-1.23	1.59	1.33	0.26	4.06	0.88	-3.18	6.43	0.46	-5.97	7.13	0.50	-6.63	1.43	0.70	-0.74	0.35	0.74	0.39	0.31	0.84	0.53	75,534	27,671	47,863
1976	0.36	0.60	0.24	0.71	1.34	0.63	1.41	0.76	-0.65	2.93	1.79	-1.15	2.22	2.02	-0.21	3.10	2.24	0.86	2.53	0.92	1.61	6.83	0.42	6.40	7.54	0.24	7.30	2.54	0.80	1.74	0.64	2.14	1.50	0.52	2.56	2.04	81,199	41,036	40,163
1977	0.32	0.95	0.62	0.66	1.60	0.94	1.26	1.39	0.14	3.08	1.08	-2.00	3.50	0.94	-2.56	2.80	0.68	-2.12	4.99	0.42	-4.57	6.41	0.27	-6.14	7.69	0.28	-7.41	3.08	0.34	-2.74	0.31	0.36	0.05	0.25	0.62	0.37	89,066	23,111	65,955
1978	0.31	0.51	0.19	0.66	1.54	0.88	1.10	1.95	0.86	2.24	2.86	0.61	3.21	2.38	-0.83	4.37	1.48	2.89	6.07	0.27	5.80	8.04	0.15	7.89	4.32	0.40	3.92	3.16	0.45	-2.71	0.39	0.42	0.02	0.27	1.19	0.92	88,488	35,216	53,272
1979	0.35	1.26	0.91	0.68	1.01	0.33	1.18	0.70	0.49	2.09	1.35	-0.74	3.16	1.54	-1.62	3.02	0.73	-2.29	4.88	0.41	-4.48	4.97	0.36	-4.61	6.72	0.36	-6.36	2.57	0.46	2.11	0.47	2.97	2.51	0.30	1.10	0.80	78,781	31,714	47,067
1980	0.44	1.77	1.33	0.79	1.77	0.98	1.08	1.75	0.67	2.69	1.14	-1.55	2.29	3.37	1.09	3.85	2.11	1.74	5.91	0.48	5.43	6.92	0.28	6.64	6.02	0.28	5.74	2.09	0.68	1.41	0.29	0.81	0.52	0.29	1.38	1.09	84,625	40,995	43,630
1981	0.31	0.87	0.55	0.47	1.48	1.01	1.31	3.02	1.71	2.36	2.18	-0.18	4.68	0.70	-3.98	3.24	0.29	-2.95	4.28	0.23	4.06	6.28	0.41	5.88	3.64	0.58	3.06	2.30	0.99	1.31	0.33	1.62	1.29	0.44	2.92	2.47	76,846	39,583	37,263
1982	0.47	1.69	1.22	0.56	1.32	0.75	1.25	2.78	1.53	1.31	1.93	0.62	3.35	1.58	-1.76	4.13	0.52	-3.61	5.16	0.32	4.84	7.90	0.25	7.65	7.84	0.37	7.48	2.94	0.46	2.48	0.38	0.61	0.23	0.22	0.71	0.49	92,061	32,493	59,567
1983	0.30	0.36	0.06	0.54	0.76	0.21	1.11	0.64	0.47	2.88	1.20	-1.68	2.64	0.67	-1.97	1.41	1.02	-0.39	3.08	0.66	2.43	6.89	0.29	6.60	4.91	0.46	4.45	3.24	0.55	2.69	0.23	0.63	0.40	0.34	1.17	0.82	71,477	21,746	49,730
1984	0.34	1.53	1.19	0.68	2.49	1.81	0.87	2.19	1.32	2.35	2.84	0.49	4.60	0.99	-3.60	3.69	0.51	-3.19	5.91	0.43	-5.47	5.46	0.56	-4.90	5.87	0.31	-5.56	3.36	0.29	-3.06	0.32	0.43	0.11	0.27	0.43	0.17	87,390	33,741	53,649
1985	0.32	0.88	0.57	0.71	0.94	0.24	0.81	1.68	0.37	2.57	1.01	-1.56	2.22	0.82	1.40	3.71	0.35	-3.36	6.43	0.21	6.22	7.46	0.14	7.31	7.68	0.12	7.55	3.13	0.16	2.97	0.25	0.78	0.53	0.24	0.47	0.24	92,018	19,621	72,396
1986	0.31	1.19	0.88	1.18	3.84	2.66	1.26	2.13	0.87	2.36	0.77	-1.59	2.81	0.95	-1.86	3.59	0.61	-2.99	3.26	0.57	-2.69	7.51	0.29	7.22	7.50	0.24	7.27	3.21	0.30	-2.92	0.31	0.29	-0.01	0.22	0.34	0.12	86,900	29,880	57,020
1987	0.24	0.50	0.26	0.67	1.25	0.58	0.66	1.58	0.92	2.33	1.88	-0.45	3.75	1.30	-2.46	3.82	0.67	-3.15	6.57	0.21	-6.36	5.92	0.11	5.81	6.98	0.12	6.86	1.17	0.28	0.90	0.32	0.43	0.11	0.25	0.62	0.37	84,730	23,208	61,522
1988	0.36	0.61	0.25	0.56	0.58	0.01	0.94	0.83	-0.12	2.80	0.81	-1.99	3.82	0.53	-3.29	3.21	0.45	-2.76	5.74	0.25	-5.49	8.14	0.10	-8.04	7.71	0.10	-7.61	2.88	0.26	-2.63	0.22	0.48	0.26	0.21	0.54	0.33	94,885	14,345	80,541
1989	0.41	0.38	-0.03	0.62	0.39	-0.25	1.32	0.94	0.38	1.56	0.84	0.73	3.25	1.71	1.54	0.91	1.42	0.51	4.19	0.75	3.44	6.41	0.27	6.14	7.73	0.27	7.46	2.23	0.36	1.87	0.28	0.40	0.12	0.23	0.45	0.21	75,561	21,208	54,353
1990	0.41	0.39	-0.02	0.70	0.51	-0.19	1.42	0.52	-0.91	1.83	0.55	-1.28	4.11	0.45	-3.66	3.95	0.23	-3.72	6.09	0.10	-5.99	6.94	0.07	-6.87	8.00	0.10	-7.90	2.65	0.15	-2.50	0.26	0.23	-0.03	0.19	0.41	0.22	94,800	9,606	85,195
1991	0.28	0.54	0.26	0.56	0.98	0.42	1.02	1.21	0.19	1.26	1.79	0.53	3.51	2.16	-1.35	4.05	1.15	-2.90	2.86	0.55	-2.30	7.05	0.49	6.56	6.25	0.47	5.78	2.91	0.53	2.38	0.24	0.67	0.43	0.28	0.59	0.30	78,504	28,861	49,643
1992	0.42	0.47	0.05	0.85	0.51	-0.34	1.17	0.84	-0.33	1.49	2.64	1.15	3.49	0.78	-2.71	3.51	1.22	-2.29	6.23	0.74	-5.49	8.35	0.38	-7.97	6.83	0.38	-6.45	2.90	0.42	-2.									

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

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	0.88	8.85	7.96	0.92	9.16	8.24	1.24	12.44	11.19	0.80	7.95	7.16	2.78	27.80	25.02	0.69	6.95	6.25	0.03	0.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	4.53	4.08	0.49	4.93	4.44	21,492	214,924	193,431	
1962	0.00	0.00	0.00	0.11	1.13	1.01	2.04	20.44	18.39	2.01	20.07	18.06	0.61	6.11	5.50	0.64	6.45	5.80	0.15	1.46	1.31	0.05	0.50	0.45	0.00	0.00	0.00	0.09	0.88	0.79	1.27	12.69	11.42	1.41	14.08	12.68	21,721	217,206	195,485	
1963	1.74	17.40	15.66	3.05	30.49	27.44	1.89	18.94	17.04	1.16	11.55	10.40	0.20	2.04	1.83	0.37	3.69	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.15	0.14	0.10	1.02	0.91	22,106	221,056	198,950		
1964	0.00	0.00	0.00	0.24	2.36	2.13	1.12	11.17	10.05	1.29	12.89	11.60	1.06	10.60	9.54	0.69	6.92	6.23	0.04	0.41	0.37	0.00	0.00	0.00	0.05	0.53	0.47	0.28	2.79	2.51	0.58	5.84	5.25	0.71	7.14	6.43	15,720	157,199	141,479	
1965	1.09	10.89	9.80	0.36	3.61	3.25	1.73	17.26	15.54	1.18	11.81	10.62	1.13	11.30	10.17	0.15	1.52	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	2.49	2.24	15,263	152,628	137,365		
1966	1.61	16.15	14.53	1.14	11.36	10.22	0.10	1.00	0.90	0.16	1.63	1.47	0.12	1.17	1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.79	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.79	0.71	0.53	5.30	4.77	9,896	98,961	89,065	
1967	0.43	4.31	3.88	0.38	3.76	3.38	0.34	3.44	3.10	0.38	3.78	3.41	0.43	4.25	3.83	0.00	0.00	0.00	0.36	3.60	3.24	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.21	0.19	6,058	60,579	54,521		
1968	0.32	3.18	2.86	0.17	1.70	1.53	0.01	0.06	0.05	0.00	0.00	0.00	0.06	0.64	0.58	0.08	0.85	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.17	1.69	1.52	0.30	3.00	2.70	2,886	28,862	25,976	
1969	0.22	2.17	1.96	1.15	11.46	10.31	1.29	12.92	11.62	0.90	8.98	8.08	0.14	1.41	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.55	0.50	0.46	4.57	4.12	10,904	109,036	98,133
1970	1.42	14.16	12.74	1.43	14.26	12.84	1.52	15.21	13.69	0.78	7.84	7.06	0.66	6.57	5.92	0.28	2.82	2.54	0.11	1.06	0.95	0.00	0.00	0.00	0.12	1.25	1.12	0.00	0.00	0.00	0.09	0.90	0.81	0.21	2.06	1.85	17,141	171,415	154,273	
1971	0.12	1.18	1.06	0.44	4.39	3.95	0.88	8.85	7.96	0.24	2.40	2.16	0.15	1.50	1.35	0.31	3.15	2.83	0.00	0.00	0.00	0.04	0.39	0.35	0.05	0.54	0.49	0.05	0.47	0.42	0.00	0.00	0.00	0.00	0.00	0.00	5,924	59,241	53,317	
1972	0.23	2.34	2.11	0.37	3.66	3.29	0.38	3.80	3.42	0.25	2.47	2.22	0.32	3.25	2.92	0.12	1.24	1.11	0.00	0.00	0.00	0.01	0.13	0.11	0.31	3.10	2.79	0.57	5.73	5.16	0.20	2.01	1.81	0.17	1.65	1.49	7,615	76,146	68,531	
1973	0.00	0.00	0.00	0.01	0.06	0.05	0.32	3.22	2.90	0.60	6.00	5.40	0.29	2.90	2.61	0.07	0.72	0.65	0.10	0.98	0.88	0.04	0.39	0.35	0.19	1.90	1.71	0.00	0.01	0.00	0.00	0.04	0.04	0.03	0.21	2.08	1.87	4,743	47,426	42,683
1974	0.65	28.56	5.87	1.45	14.52	13.07	1.05	10.53	9.48	0.52	5.20	4.68	1.02	10.17	9.16	0.89	8.92	8.03	0.15	1.48	1.34	0.03	0.34	0.30	0.17	1.75	1.57	0.28	2.78	2.50	0.34	3.36	3.03	0.14	1.41	1.27	17,359	173,593	156,234	
1975	0.22	2.22	2.00	0.31	3.06	2.75	0.43	4.33	3.90	0.20	2.02	1.82	0.31	3.08	2.77	0.37	3.68	3.31	0.26	2.64	2.38	0.08	0.83	0.75	0.03	0.31	0.28	0.23	2.31	2.08	0.16	1.59	1.43	0.20	1.96	1.76	7,264	72,639	65,375	
1976	0.17	1.70	1.53	0.13	1.31	1.18	0.16	1.59	1.43	0.20	2.00	1.80	0.04	0.41	0.37	0.12	1.21	1.09	0.28	2.83	2.54	0.09	0.93	0.84	0.08	0.81	0.73	0.56	5.55	5.00	0.53	5.32	4.79	0.93	9.31	8.38	8,551	85,508	76,957	
1977	0.17	1.66	1.49	1.30	13.01	11.71	0.92	9.17	8.25	0.85	8.47	7.63	0.40	3.96	3.57	0.23	2.27	2.04	0.16	1.59	1.43	0.10	1.03	0.92	0.01	0.10	0.09	0.06	0.61	0.55	0.17	1.67	1.51	0.18	1.77	1.60	11,749	117,490	105,741	
1978	0.11	1.10	0.99	0.08	0.84	0.76	0.14	1.39	1.25	0.40	3.99	3.59	0.34	3.42	3.07	0.05	0.49	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.28	1.15	0.02	0.20	0.18	0.04	0.37	0.33	0.26	2.63	2.37	4,073	40,733	36,660	
1979	0.34	3.36	3.03	0.78	7.84	7.06	0.11	1.08	0.97	0.44	4.40	3.96	0.03	0.29	0.26	0.04	0.39	0.35	0.00	0.02	0.02	0.06	0.56	0.50	0.07	0.70	0.63	0.03	0.28	0.25	0.59	5.89	5.30	0.07	0.74	0.66	6,623	66,234	59,611	
1980	0.53	5.32	4.78	0.48	4.76	4.29	0.56	5.58	5.02	0.51	5.08	4.57	1.86	18.65	16.78	0.48	4.80	4.32	0.00	0.01	0.01	0.01	0.08	0.07	0.01	0.08	0.08	0.39	3.86	3.47	0.39	3.86	3.48	0.67	6.65	5.99	15,221	152,214	136,993	
1981	0.23	2.33	2.10	0.85	8.49	7.64	0.65	6.45	5.81	0.08	0.81	0.73	0.25	2.49	2.24	0.23	2.27	2.05	0.12	1.19	1.07	0.07	0.73	0.66	0.66	6.60	5.94	0.20	2.02	1.82	0.88	8.81	7.93	1.75	17.48	15.73	15,468	154,682	139,213	
1982	0.70	7.04	6.34	0.81	8.12	7.31	0.76	7.59	6.84	0.68	6.77	6.09	0.73	7.29	6.56	0.19	1.91	1.71	0.04	0.35	0.32	0.07	0.68	0.61	0.07	0.72	0.65	0.07	0.72	0.65	0.06	0.61	0.54	0.12	1.15	1.04	11,132	111,318	100,186	
1983	0.12	1.16	1.05	0.46	4.62	4.16	0.00	0.00	0.00	0.07	0.70	0.63	0.00	0.00	0.00	0.38	3.83	3.45	0.64	6.35	5.72	0.09	0.85	0.77	0.22	2.17	1.95	0.15	1.55	1.39	0.30	3.03	2.73	0.91	9.11	8.20	8,653	86,535	77,881	
1984	0.03	0.32	0.29	0.44	4.43	3.99	1.05	10.48	9.43	1.03	10.25	9.23	0.03	0.26	0.23	0.03	0.25	0.23	0.02	0.19	0.17	0.00	0.02	0.02	0.00	0.00	0.00	0.02	0.16	0.15	0.04	0.44	0.40	0.02	0.24	0.22	7,012	70,118	63,106	
1985	0.34	3.41	3.07	0.33	3.26	2.93	1.72	17.20	15.48	0.71	7.06	6.36	0.61	6.15	5.53	0.06	0.58	0.52	0.14	1.38	1.24	0.00	0.00	0.00	0.01	0.05	0.05	0.02	0.23	0.21	0.45	4.48	4.03	0.47	4.67	4.20	12,562	125,621	113,059	
1986	0.12	1.19	1.07	0.77	7.70	6.93	0.69	6.87	6.18	0.11	1.06	0.95	0.11	1.11	1.00	0.06	0.58	0.52	0.02	0.25	0.22	0.00	0.00	0.00	0.01	0.13	0.12	0.01	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.00	4,919	49,193	44,274	
1987	0.15	1.54	1.38	0.48	4.82	4.34	0.70	6.96	6.26	1.09	10.92	9.83	0.52	5.21	4.69	0.07	0.69	0.62	0.03	0.31	0.28	0.06	0.58	0.52	0.06	0.63	0.57	0.02	0.21	0.19	0.16	1.56	1.41	0.09	0.91	0.82	8,901	89,012	80,111	
1988	0.13	1.30	1.17	0.21	2.10	1.89	0.28	2.79	2.51	0.16	1.64	1.47	0.00	0.00	0.00	0.09	0.87	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.05	0.04	0.43	0.39	0.14	1.42	1.28	2,753	27,525	24,773	
1989	0.02	0.15	0.14	0.02	0.18	0.17	0.00	0.03	0.02	0.22	2.16	1.95	2.08	20.76	18.68	0.97	9.68	8.72	0.28	2.77	2.49	0.02	0.22	0.20	0.01	0.08	0.08	0.42	4.22	3.80	0.13	1.32	1.19	0.05	0.52	0.46	10,912	109,118	98,207	
1990	0.08	0.83	0.75	0.21	2.08	1.87	0.22	2.18	1.96	0.27	2.67	2.40	0.22	2.24	2.01	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.44	0.39	0.14	1.43	1.29	0.71	7.09	6.38	4,919	49,192	44,273	
1991	0.20	1.97	1.77	0.63	6.29	5.66	0.35	3.54	3.19	0.59	5.94	5.35	0.68	6.79	6.11	0.07	0.72	0.65	0.01	0.15	0.13	0.05	0.49	0.44	0.15	1.47	1.32	0.09	0.91	0.82	0.11	1.08	0.97	0.09	0.89	0.80	7,836	78,358	70,522	
1992	0.00	0.00	0.00	0.02	0.16	0.15	0.18	1.80	1.62	2.07	20.68	18.61	0.23	2.33	2.10	0.42	4.23	3.81	0.17	1.66	1.5																			

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³ m³

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						
1961	1.92	17.35	15.44	3.38	15.99	12.61	5.54	26.37	20.83	10.48	19.67	9.19	11.17	53.01	41.84	12.24	19.29	7.05	20.48	4.76	15.72	28.40	1.01	27.39	25.16	0.89	24.28	9.79	2.88	6.91	1.83	15.19	13.36	1.64	15.90	14.26	342,217	498,458	156,241
1962	1.43	9.23	7.80	2.13	12.54	10.42	7.34	63.77	56.43	11.54	47.18	35.65	15.01	16.04	1.03	8.39	12.31	3.92	19.38	5.50	13.89	25.04	1.81	23.23	22.59	0.76	21.83	6.93	5.29	11.64	2.86	27.94	25.08	3.07	30.19	27.12	325,815	602,836	277,021
1963	4.88	46.95	42.08	6.71	65.14	58.43	5.98	35.71	29.73	11.20	43.75	32.55	11.32	24.15	12.83	13.39	22.58	9.19	17.81	5.04	12.77	26.57	1.89	24.67	22.12	3.08	19.03	4.44	5.55	1.10	1.47	6.18	4.71	1.06	9.86	8.80	329,087	699,598	370,511
1964	1.51	2.64	1.13	2.81	11.59	8.78	5.12	23.50	18.38	8.67	23.21	14.54	11.13	28.30	17.17	13.75	18.89	5.14	13.66	6.39	7.27	24.06	2.27	21.79	13.80	4.28	9.52	2.11	9.22	7.10	2.19	18.77	16.58	2.05	19.95	17.90	261,400	438,066	176,666
1965	2.87	26.91	24.03	1.75	14.31	12.56	6.79	36.47	29.68	10.22	34.10	23.88	11.40	36.91	25.51	12.26	11.74	0.53	13.97	2.54	0.53	17.45	1.46	15.99	25.63	0.99	24.64	12.08	1.20	10.88	0.36	2.36	2.00	0.96	9.00	8.04	300,038	461,336	161,298
1966	3.31	31.29	27.98	5.00	37.05	32.05	3.42	14.93	11.51	10.19	21.68	11.49	14.27	14.28	0.01	11.65	17.47	5.81	21.31	1.72	19.89	28.37	3.54	24.83	20.53	0.71	19.82	6.29	1.85	4.44	0.95	6.41	5.46	1.60	15.46	13.86	328,893	431,303	102,410
1967	2.08	16.52	14.44	3.18	14.07	10.89	4.94	21.73	16.78	8.23	22.69	14.46	11.19	17.72	6.54	9.50	9.30	0.20	7.26	11.63	4.37	24.46	2.06	22.41	20.09	1.30	18.80	9.87	1.54	8.33	0.54	3.09	2.55	0.89	6.27	5.38	265,030	331,560	66,530
1968	1.25	10.74	9.48	2.50	15.69	13.19	4.84	12.06	7.22	9.45	9.61	0.16	6.53	6.98	0.44	6.05	8.94	2.89	21.78	0.97	20.80	17.92	1.58	16.34	23.11	3.12	20.00	10.40	2.12	8.28	0.67	5.89	5.22	0.93	8.72	7.80	273,291	223,982	49,309
1969	1.48	13.00	11.52	3.85	36.49	32.64	4.99	41.53	36.54	10.07	32.52	22.45	18.03	14.89	3.15	11.83	6.04	5.78	19.76	3.97	15.78	22.99	2.10	20.89	24.82	1.83	22.99	12.04	1.32	10.72	0.96	2.85	1.89	1.08	10.21	9.13	341,886	432,239	90,352
1970	2.80	26.24	23.43	3.22	27.76	24.54	6.85	38.35	31.50	10.48	24.49	14.02	11.13	25.76	14.63	11.40	14.04	2.65	12.24	15.52	3.29	27.72	3.04	24.68	22.98	3.87	19.11	1.32	5.68	4.37	1.18	8.68	7.50	1.36	11.26	9.90	292,062	530,567	238,505
1971	2.14	17.42	15.28	1.64	13.17	11.53	3.71	33.58	29.87	11.85	25.97	14.12	9.91	10.97	1.06	11.58	9.17	2.41	10.87	2.45	8.42	23.58	1.63	21.95	16.27	4.59	11.69	10.28	3.71	6.57	1.01	2.72	1.70	0.74	3.71	2.97	268,519	334,589	66,070
1972	0.80	6.14	5.35	1.37	10.47	9.10	4.68	11.76	7.08	5.62	9.68	4.06	12.24	11.25	0.98	12.51	3.88	8.63	9.32	2.95	6.57	18.82	1.78	17.04	9.89	10.35	0.46	3.33	31.17	27.84	1.77	13.41	11.64	1.46	10.42	8.97	212,028	319,512	107,484
1973	1.08	5.56	4.48	2.06	12.87	10.82	3.37	22.73	19.36	8.63	38.89	30.25	16.60	22.08	5.49	14.55	7.93	6.62	13.42	7.11	6.31	18.84	3.75	15.10	27.30	10.09	17.21	12.58	6.46	6.12	1.73	7.50	5.78	2.09	16.42	14.33	316,830	418,334	101,504
1974	1.90	28.56	15.26	3.81	36.06	32.26	5.74	29.66	23.92	7.88	22.70	14.82	7.16	39.47	32.31	7.61	29.40	21.78	21.08	10.72	10.37	26.30	3.58	22.72	16.40	5.43	10.97	5.29	7.14	1.85	1.27	9.63	8.35	0.65	5.91	5.26	272,418	562,082	289,664
1975	1.45	7.86	6.41	2.21	8.01	5.80	4.14	19.73	15.59	11.02	12.97	1.95	9.37	19.01	9.64	5.96	18.36	12.40	13.53	10.64	2.89	20.95	3.43	17.52	23.39	4.09	19.31	4.78	7.67	2.89	1.26	8.32	7.06	1.30	10.06	8.76	257,590	337,341	79,751
1976	1.29	7.43	6.14	2.36	9.16	6.80	4.80	9.43	4.63	10.28	17.87	7.58	7.56	15.56	8.00	10.37	14.90	4.53	8.67	12.89	4.22	23.02	11.12	11.91	25.08	6.58	18.50	9.43	17.19	7.75	3.89	29.74	25.85	3.77	33.23	29.47	286,485	479,774	193,289
1977	1.79	14.89	13.10	4.87	36.95	32.08	5.93	27.88	21.95	11.45	22.00	10.55	11.97	13.45	1.48	9.16	7.86	1.30	16.26	4.88	11.38	20.92	3.43	17.50	25.14	2.04	23.10	9.86	3.09	6.77	0.98	5.52	4.54	0.79	6.11	5.32	308,758	383,816	75,058
1978	1.06	6.26	5.20	2.50	12.85	10.35	4.15	17.33	13.18	8.34	24.99	16.65	11.38	22.42	11.04	14.46	10.15	4.32	19.72	2.21	17.51	26.20	1.24	24.96	14.13	5.53	8.60	10.14	3.36	6.78	0.99	3.17	2.18	1.14	10.81	9.67	296,045	311,862	15,817
1979	1.90	16.03	14.12	3.79	23.76	19.97	3.98	8.44	4.46	8.36	25.10	16.74	10.23	9.47	0.76	9.69	5.41	4.28	15.69	2.08	13.61	16.08	3.51	12.57	22.00	3.48	18.52	8.16	3.14	5.02	1.79	17.20	15.41	0.96	7.40	6.45	266,026	324,081	58,056
1980	1.93	15.06	13.13	3.12	15.83	12.71	4.71	23.01	18.30	9.98	20.74	10.76	10.86	51.21	40.35	13.34	19.51	6.17	19.15	3.15	16.00	22.57	2.30	20.27	19.55	2.04	17.51	7.08	9.20	2.12	1.21	10.20	8.99	1.55	14.92	13.37	298,191	485,104	186,912
1981	1.09	7.89	6.80	2.59	20.24	17.65	6.09	33.00	26.92	7.96	14.99	7.03	15.89	12.58	3.31	10.57	6.40	4.17	13.90	4.26	9.64	20.55	4.06	16.49	12.41	11.14	1.27	7.54	7.81	0.27	1.94	18.68	16.74	4.27	42.14	37.87	271,622	474,859	203,237
1982	2.78	22.39	19.61	2.54	16.14	13.60	5.08	24.21	19.13	6.28	32.27	25.99	12.66	27.77	15.11	13.63	7.54	6.10	16.75	3.41	13.34	25.88	3.29	22.59	25.65	2.46	23.18	9.36	3.01	6.36	1.05	4.97	3.92	0.74	6.82	6.08	317,257	399,889	82,631
1983	0.97	5.51	4.54	2.29	12.41	10.12	3.73	7.25	3.53	9.65	9.34	0.32	8.29	1.04	7.25	5.20	15.00	9.80	11.34	20.21	8.87	22.72	5.15	17.57	16.16	5.95	10.22	10.47	4.39	6.08	0.75	6.76	6.02	1.85	15.57	13.71	242,174	281,450	39,276
1984	0.85	6.23	5.39	3.16	22.34	19.17	4.81	32.50	27.69	9.76	35.35	25.59	15.51	11.22	4.29	11.85	3.92	7.93	19.05	1.90	17.15	17.54	2.29	15.25	19.11	2.09	17.02	10.75	2.20	8.55	0.74	3.08	2.34	0.55	2.57	2.02	294,693	325,817	31,125
1985	1.29	9.67	8.38	2.56	10.23	7.67	5.16	35.91	30.75	9.89	23.44	13.55	8.34	19.72	11.38	12.04	5.11	6.93	20.96	3.18	17.78	24.23	0.54	23.69	25.07	0.96	24.11	9.95	1.44	8.50	1.06	9.90	8.84	0.99	8.20	7.20	315,033	332,578	17,545
1986	1.06	8.80	7.74	5.25	31.10	25.85	5.68	27.87	22.19	8.19	12.47	4.28	9.34	10.34	1.00	11.70	6.19	5.51	10.53	4.82	5.71	24.46	1.66	22.80	24.52	1.78	22.75	10.22	1.75	8.47	0.61	1.71	1.10	0.38	1.68	1.30	290,171	285,579	4,592
1987	0.69	5.12	4.42	2.41	11.16	8.75	2.81	17.29	14.47	9.64	30.74	21.11	13.82	24.84	11.02	12.61	7.46	5.15	21.43	2.69	18.73	19.19	1.64	17.55	22.80	1.76	21.05	3.49	2.34	1.14	0.95	4.88	3.93	0.73	5.55	4.82	286,604	299,321	12,717
1988	1.08	5.32	4.25	1.82	6.47	4.66	3.61	13.23	9.62	10.22	17.76	7.54	12.50	6.22	6.29	10.34	5.55	4.78	18.58	1.14	17.44	26.55	0.29	26.26	25.18	0.57	24.61	9.15	1.68	7.47	0.47	4.02	3.55	0.73	6.53	5.81	311,604	178,301	133,303
1989	1.11	3.18	2.08	1.84	3.53	1.69	4.31	7.74	3.43	5.45	11.49	6.03	13.44	39.08	25.64	4.49	26.90	22.42	14.24	13.00	1.24	21.05	4.13	16.92	25.47	3.52	21.96	7.92	11.39	3.47	1.26	9.48	8.22	0.87	7.00	6.12	262,942	363,995	101,053
1990	1.36	5.70	4.34	2.38	7.27	4.89	4.76	7.66	2.90	6.35	11.20	4.84	13.76	9.27	4.48	12.73	3.37	0.36	19.71	0.62	19.09	22.51	0.29	22.23	26.12	0.63	25.49	8.36	1.46	6.90	0.59	2.85	2.26	1.21	11.57	10.36	310,654	160,425	150,229
1991	0.77	4.67	3.91</																																				

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2025)

Units: m³/sec

Units: 10³m³

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	0.22	2.25	2.03	0.24	2.09	1.85	0.29	2.67	2.37	0.55	3.25	2.70	0.61	5.30	4.70	1.49	3.36	1.87	2.64	1.52	1.12	2.65	0.88	1.77	1.91	0.87	1.04	0.20	1.28	1.09	0.28	2.77	2.49	0.29	2.89	2.59	29,476	75,549	46,072
1962	0.39	3.81	3.42	0.51	5.17	4.66	1.34	13.49	12.15	1.17	9.09	7.93	0.88	4.89	4.01	1.29	2.08	0.78	2.07	1.45	0.62	2.43	1.43	1.01	1.58	0.98	0.60	0.23	1.87	1.65	0.57	5.69	5.11	0.69	6.84	6.15	34,047	147,176	113,129
1963	1.96	19.71	17.75	3.67	36.84	33.17	2.13	21.18	19.05	2.50	21.10	18.60	1.05	7.08	6.02	1.34	6.36	5.02	1.57	0.52	1.05	2.18	0.14	2.05	1.13	0.40	0.73	0.19	1.52	1.33	0.16	1.55	1.39	0.32	3.20	2.88	47,244	309,989	262,745
1964	0.19	1.77	1.57	0.30	3.13	2.82	0.46	4.49	4.02	0.69	3.72	3.02	0.57	3.20	2.62	1.07	3.35	2.28	2.16	1.10	1.05	1.93	1.09	0.84	0.86	2.13	1.27	0.33	3.05	2.72	0.75	7.49	6.74	0.66	6.58	5.91	25,911	106,513	80,602
1965	1.01	10.22	9.21	0.50	5.15	4.64	1.34	13.00	11.66	1.30	11.23	9.94	1.29	8.76	7.46	1.83	2.63	0.81	1.64	0.51	1.13	1.50	0.45	1.04	1.89	0.53	1.36	0.16	0.53	0.37	0.08	0.76	0.68	0.20	2.00	1.80	33,034	144,562	111,528
1966	0.89	8.94	8.06	1.29	12.69	11.40	0.50	5.01	4.51	0.52	4.40	3.89	0.62	2.05	1.43	1.44	3.32	1.88	2.43	0.09	2.34	2.18	0.18	1.99	1.59	0.17	1.42	0.13	0.64	0.51	0.28	2.72	2.45	0.65	6.50	5.85	32,436	121,131	88,695
1967	0.48	4.93	4.44	0.41	4.06	3.65	0.61	5.65	5.05	0.50	4.47	3.97	0.99	3.27	2.27	1.22	2.52	1.31	1.62	2.15	0.53	1.15	0.81	0.34	1.25	1.52	0.27	0.19	1.24	1.05	0.14	1.41	1.27	0.24	2.37	2.13	22,840	89,196	66,356
1968	0.34	3.53	3.19	1.12	11.20	10.08	0.47	4.32	3.85	0.80	2.09	1.30	0.48	0.55	0.07	0.71	2.07	1.36	2.68	0.20	2.47	1.20	0.32	0.88	1.19	0.63	0.56	0.16	0.62	0.46	0.16	1.61	1.44	0.22	2.15	1.93	24,731	75,962	51,231
1969	0.51	5.15	4.65	0.89	9.01	8.12	0.85	8.33	7.48	0.64	4.82	4.17	1.42	2.85	1.43	1.66	0.94	0.72	2.26	0.65	1.61	1.97	0.96	1.01	1.65	2.83	1.18	0.36	2.38	2.02	0.08	0.73	0.65	0.36	3.52	3.16	32,749	109,311	76,562
1970	0.51	5.14	4.64	0.45	4.47	4.02	0.55	5.46	4.91	0.48	3.30	2.82	0.73	3.39	2.67	1.99	1.42	0.57	2.21	1.84	0.57	1.98	0.85	1.13	1.36	0.65	0.70	0.11	0.97	0.86	0.30	2.95	2.65	0.12	1.12	1.00	27,910	81,829	53,920
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	0.93	2.69	1.76	1.81	2.75	0.94	1.57	1.19	0.38	1.64	0.75	0.88	1.15	1.07	0.07	0.16	0.75	0.59	0.09	0.91	0.82	0.10	1.00	0.89	24,108	66,533	42,425
1972	0.12	1.33	1.21	0.20	2.08	1.89	0.23	1.77	1.54	0.29	2.29	1.99	0.92	2.81	1.88	1.23	0.94	0.30	1.24	0.82	0.4	1.57	0.72	0.85	0.26	2.48	2.22	0.89	8.88	7.99	0.26	2.42	2.16	0.17	1.70	1.53	19,156	73,175	54,019
1973	0.12	1.25	1.13	0.50	4.98	4.48	0.95	9.45	8.50	1.69	16.67	14.98	1.31	5.37	4.05	2.11	1.69	0.43	0.78	1.39	0.61	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	31,909	138,579	106,671
1974	0.31	28.56	2.90	0.63	6.38	5.75	0.89	8.76	7.87	0.77	5.28	4.52	1.12	8.71	7.59	0.71	5.38	4.68	2.38	1.77	0.60	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	28,928	119,401	90,473
1975	0.14	1.40	1.26	0.12	1.03	0.91	0.21	1.95	1.74	0.35	1.62	1.27	0.87	3.11	2.23	1.17	3.10	1.93	1.09	2.50	1.42	1.89	1.73	0.16	1.43	1.31	0.12	0.11	0.73	0.62	0.13	1.13	1.00	0.12	1.19	1.07	19,787	53,913	34,126
1976	0.13	1.22	1.09	0.18	1.51	1.33	0.19	1.48	1.29	0.27	2.54	2.28	0.75	6.25	5.50	1.55	4.90	3.35	1.49	6.92	5.43	1.47	3.54	2.08	1.20	1.24	0.03	0.22	1.64	1.42	1.07	10.55	9.48	1.33	13.21	11.89	25,488	142,548	117,059
1977	0.33	3.39	3.06	0.76	7.41	6.65	0.41	3.81	3.40	0.66	2.57	1.91	0.71	1.74	1.03	1.29	1.89	0.60	1.51	0.61	0.90	1.31	1.12	0.19	1.53	0.73	0.80	0.18	0.64	0.45	0.06	0.61	0.54	0.07	0.62	0.56	22,863	65,141	42,278
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	1.94	3.54	1.60	2.51	0.34	2.17	1.95	1.60	0.35	0.18	1.11	0.93	0.18	0.88	0.70	0.13	1.11	0.98	0.36	3.59	3.23	23,477	74,312	50,834
1979	0.43	4.44	4.00	0.65	6.36	5.71	0.15	1.21	1.06	1.33	11.60	10.26	0.61	3.81	3.20	1.98	1.29	0.69	1.96	1.17	0.79	1.05	1.59	0.54	1.38	1.29	0.08	0.22	1.94	1.72	0.94	9.38	8.44	0.17	1.71	1.53	28,181	118,667	90,486
1980	0.38	3.85	3.47	0.54	5.13	4.58	0.58	5.81	5.23	0.66	5.67	5.01	2.82	27.70	24.88	1.51	5.25	3.74	1.79	1.10	0.69	2.06	0.55	1.51	1.23	0.70	0.53	0.63	5.87	5.24	0.44	4.37	3.93	1.23	12.22	10.99	35,947	202,721	166,774
1981	0.35	3.59	3.24	0.61	6.23	5.62	1.26	12.33	11.07	0.61	2.97	2.36	0.95	2.48	1.54	1.03	1.61	0.58	1.50	0.76	0.74	1.71	0.73	0.99	0.52	1.32	0.80	0.30	2.44	2.14	0.34	3.38	3.04	1.32	13.16	11.84	27,207	132,167	104,960
1982	0.53	5.40	4.87	0.21	2.10	1.88	0.67	6.20	5.52	0.91	8.80	7.89	1.23	9.25	8.02	1.77	1.70	0.07	1.93	0.80	1.12	1.37	1.23	0.15	1.39	1.18	0.21	0.14	0.74	0.59	0.20	1.89	1.68	0.48	4.81	4.32	28,098	114,216	86,117
1983	0.16	1.72	1.56	0.31	2.89	2.58	0.23	1.72	1.49	0.60	2.62	2.02	0.60	1.50	0.90	1.38	12.22	10.84	1.70	7.41	5.71	2.16	1.15	1.01	0.99	1.17	0.18	0.16	0.74	0.59	0.13	1.24	1.11	0.52	5.13	4.62	23,124	102,397	79,273
1984	0.40	4.07	3.67	0.78	7.86	7.09	1.22	12.35	11.12	1.17	8.50	7.33	1.02	3.24	2.22	1.67	0.70	0.97	2.32	0.37	1.95	1.02	1.63	0.61	1.44	0.65	0.79	0.15	0.45	0.30	0.08	0.60	0.52	0.06	0.53	0.47	29,356	106,145	76,788
1985	0.14	1.52	1.37	0.13	0.99	0.86	0.49	4.78	4.29	0.36	2.44	2.07	0.54	2.35	1.81	1.16	1.36	0.20	1.99	0.37	1.61	1.76	0.52	1.24	1.74	0.39	1.36	0.15	0.46	0.31	0.29	2.91	2.61	0.09	0.87	0.78	22,962	49,118	26,156
1986	0.16	1.70	1.54	1.58	15.38	13.80	1.10	10.63	9.53	0.59	2.97	2.38	0.49	3.43	2.94	1.90	1.85	0.05	2.11	1.05	1.06	1.58	0.55	1.03	1.73	0.62	1.11	0.16	0.63	0.47	0.07	0.68	0.61	0.07	0.69	0.62	29,948	104,198	74,250
1987	0.09	1.03	0.93	0.20	2.01	1.81	0.43	4.12	3.70	1.55	14.11	12.56	0.62	2.95	2.33	1.37	1.59	0.22	2.40	0.37	2.03	1.65	1.45	0.20	1.51	0.47	1.04	0.05	0.39	0.34	0.10	0.99	0.89	0.16	1.58	1.42	26,273	80,494	54,221
1988	0.08	0.79	0.71	0.14	1.35	1.21	0.33	3.26	2.93	0.57	2.91	2.34	0.47	1.54	1.06	0.56	1.37	0.81	2.29	0.76	1.53	2.59	0.57	2.02	1.78	0.58	1.20	0.12	0.36	0.24	0.11	1.05	0.94	0.17	1.70	1.52	23,890	42,066	18,176
1989	0.11	0.88	0.77	0.16	1.55	1.39	0.29	2.49	2.20	0.40	1.63	1.23	0.68	1.39	0.72	0.60	1.31	0.72	0.79	1.27	0.48	1.81	0.62	1.19	1.79	0.66	1.15	0.34	3.21	2.88	0.15	1.43	1.29	0.12	1.21	1.09	18,731	45,773	27,041
1990	0.15	1.29	1.14	0.25	2.29	2.05	0.21	1.58	1.37	0.24	2.30	2.05	1.19	2.13	0.94	1.49	0.57	0.93	2.24	0.14	2.10	1.87	0.39	1.48	1.77	0.24	1.52	0.07	0.24	0.18	0.03	0.24	0.21	0.03	0.23	0.21	24,690	30,194	5,504
1991	0.13	1.25	1.12	0.47	4.70	4.22	0.50	4.61	4.11	0.73	7.09	6.36	0.94	7.79	6.85	1.90	3.14	1.24	1.56	0.91	0.65	1.57	0.96	0.61	1.26	0.90	0.36	0.19	1.09	0.90	0.18	1.78	1.60	0.10	1.00	0.89	24,726	91,294	66,568
1992	0.08	0.74	0.66	0.09	0.75	0.66	0.13	0.72	0.59	0.60	5.45	4.85	0.85	1.49	0.65	1.20	1.27	0.07	2.13	0.49	1.65</																		