

**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 (2005)**

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
 VARDAR RIVER BASIN - B1-1

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	1.12	11.98	10.87	2.71	11.46	8.74	2.88	16.53	13.66	4.52	15.31	10.79	6.04	25.46	19.42	4.91	18.12	13.21	7.99	15.21	7.22	15.59	10.63	4.95	12.50	10.51	1.99	3.02	12.65	9.63	1.35	14.51	13.16	1.05	11.21	10.17	165,061	449,945	284,884
1962	1.13	11.05	9.92	3.50	26.59	23.09	3.51	28.99	25.47	6.13	31.42	25.29	8.69	29.43	20.74	4.17	19.40	15.23	8.50	17.21	8.71	13.75	10.26	3.48	11.93	14.39	2.46	3.76	16.16	12.40	4.20	43.05	38.85	2.38	24.53	22.15	185,700	706,275	520,575
1963	4.14	42.20	38.06	4.97	41.36	36.39	4.24	32.44	28.20	6.84	37.51	30.68	8.19	47.27	39.07	6.47	33.95	27.48	8.13	13.09	4.96	13.31	11.30	2.01	10.65	10.69	0.04	2.59	14.47	11.88	1.27	13.38	12.11	1.84	19.11	17.27	188,278	821,050	632,772
1964	1.94	18.16	16.22	2.58	17.24	14.66	2.99	19.88	16.90	5.31	19.13	13.82	6.28	22.12	15.83	4.32	21.06	16.73	7.06	15.05	7.98	14.97	15.01	0.03	10.41	17.94	7.52	2.75	18.57	15.82	3.50	35.69	32.19	2.72	27.99	25.26	168,068	642,369	474,300
1965	2.34	24.18	21.84	3.09	22.54	19.45	4.45	31.83	27.38	6.15	40.27	34.12	9.12	46.54	37.42	5.83	27.13	21.30	9.16	15.43	6.28	14.02	14.60	0.57	13.15	14.36	1.21	4.84	14.77	9.93	1.25	13.57	12.32	1.73	18.06	16.33	194,746	734,271	539,525
1966	1.73	18.13	16.40	3.35	23.38	20.03	3.13	19.84	16.71	6.09	27.95	21.86	8.57	33.86	25.29	5.83	25.63	19.80	7.09	8.09	1.00	14.86	6.37	8.49	11.39	15.94	4.54	4.02	16.61	12.58	1.90	20.01	18.11	2.41	24.87	22.46	182,460	623,857	441,396
1967	1.79	18.67	16.88	3.38	18.67	15.30	4.01	23.33	19.32	5.81	35.09	29.28	8.57	40.73	32.15	5.66	25.80	20.14	7.21	28.03	20.82	13.99	17.69	3.69	12.69	15.22	2.53	4.28	19.46	15.18	1.94	20.47	18.52	2.18	22.51	20.33	185,339	740,427	555,088
1968	1.72	17.98	16.26	2.82	18.79	15.96	3.03	17.23	14.20	6.28	23.08	16.80	5.52	20.32	14.80	3.95	21.92	17.97	8.87	11.64	2.77	11.90	13.89	1.99	11.34	15.59	4.25	3.98	18.62	14.64	1.75	18.50	16.75	1.56	16.34	14.78	162,536	554,386	391,850
1969	1.00	10.47	9.47	2.52	16.88	14.35	2.90	22.85	19.96	5.54	37.43	31.89	10.95	42.22	31.27	4.49	13.25	8.75	6.61	8.89	2.28	14.38	8.57	5.81	10.70	9.55	1.15	5.03	16.62	11.60	1.16	12.20	11.04	1.61	16.85	15.24	173,361	559,304	385,943
1970	2.55	26.36	23.80	3.46	26.25	22.79	4.19	35.39	31.20	7.79	47.24	39.45	8.41	38.26	29.85	6.03	30.91	24.88	7.97	24.82	16.85	14.98	6.96	8.02	11.88	15.73	3.86	2.84	17.00	14.16	1.81	19.08	17.27	1.95	19.96	18.00	191,500	798,230	606,730
1971	2.60	26.77	24.17	3.10	22.64	19.54	3.39	27.84	24.45	7.60	39.96	32.36	8.90	41.55	32.65	6.01	27.34	21.33	6.14	17.41	11.28	14.52	16.68	2.15	10.88	17.91	7.03	3.20	14.31	11.11	1.26	13.54	12.28	1.22	12.91	11.69	178,348	722,790	544,442
1972	1.16	12.36	11.21	2.89	20.54	17.65	3.68	23.44	19.76	5.82	30.33	24.50	6.50	22.92	16.42	4.39	11.02	6.63	7.07	7.59	0.52	11.91	6.19	5.72	8.86	17.99	9.13	3.19	23.08	19.89	2.11	21.04	18.93	1.57	15.48	13.90	153,296	549,423	396,127
1973	1.11	11.88	10.77	3.15	23.08	19.93	2.81	21.98	19.16	6.29	32.67	26.38	9.62	45.96	36.34	4.65	13.84	9.19	5.84	11.23	5.39	11.90	13.18	1.27	14.02	20.03	6.01	5.42	20.57	15.15	1.70	15.60	13.90	2.27	22.11	19.84	178,318	653,536	475,218
1974	2.77	28.56	25.78	4.49	34.99	30.50	4.25	31.23	26.98	5.82	27.84	22.03	7.61	43.85	36.24	5.85	31.33	25.48	9.02	11.97	2.96	13.84	12.08	1.77	12.53	23.19	10.65	4.07	27.22	23.15	2.69	26.89	24.20	2.34	23.51	21.17	195,163	836,337	641,174
1975	1.83	18.02	16.20	2.61	16.01	13.39	2.23	12.38	10.15	4.82	24.07	19.25	6.30	29.10	22.80	4.32	22.77	18.45	7.53	10.60	3.07	11.93	5.82	6.11	11.85	12.19	0.35	3.27	21.82	18.56	2.22	23.21	20.99	2.08	20.86	18.78	158,099	562,110	404,012
1976	2.00	19.76	17.76	3.12	18.04	14.93	2.46	14.46	12.00	5.39	21.91	16.52	5.72	28.14	22.42	4.94	29.77	24.83	6.62	15.77	9.15	13.79	10.76	3.03	11.83	13.73	1.90	3.75	18.16	14.41	3.58	34.41	30.82	3.67	36.15	32.48	173,338	676,659	503,322
1977	2.38	24.62	22.24	4.63	33.94	29.31	4.37	30.35	25.98	6.43	28.93	22.50	6.69	17.93	11.23	3.99	14.81	10.82	7.20	8.05	0.85	13.33	8.64	4.69	10.69	10.98	0.29	3.27	8.02	4.74	1.53	16.24	14.72	2.39	24.63	22.24	173,427	588,728	415,302
1978	2.39	24.65	22.27	3.14	22.89	19.76	2.98	23.43	20.45	5.04	27.41	22.37	7.66	43.15	35.50	4.92	18.16	13.24	7.69	7.19	0.51	14.35	7.87	6.49	8.83	18.18	9.35	4.95	22.77	17.82	3.06	29.24	26.18	2.71	26.65	23.94	175,551	703,973	528,422
1979	2.89	29.70	26.81	4.52	32.83	28.31	3.65	20.67	17.02	5.41	21.82	16.42	6.42	38.43	32.01	4.77	19.47	14.70	7.53	10.12	2.58	12.30	14.56	2.26	12.32	19.02	6.70	2.98	20.13	17.15	4.02	41.20	37.18	2.38	24.56	22.17	179,372	758,167	578,795
1980	3.24	33.20	29.96	4.29	29.75	25.46	3.55	29.09	25.54	6.63	23.61	16.98	5.13	26.45	21.31	5.28	19.70	14.42	8.45	8.34	0.11	15.03	11.46	3.56	12.41	14.72	2.31	3.86	23.00	19.15	2.86	29.59	26.73	3.14	32.11	28.97	191,443	728,372	536,929
1981	2.20	22.77	20.57	2.81	19.43	16.62	5.30	39.79	34.49	7.57	37.27	29.70	6.81	25.66	18.84	5.20	20.59	15.39	7.48	12.80	5.32	12.90	15.21	2.32	10.57	24.32	13.75	4.40	28.94	24.54	3.79	38.96	35.16	3.94	40.14	36.20	189,151	844,640	655,489
1982	3.41	33.48	30.07	3.44	22.95	19.51	3.04	22.40	19.35	6.90	37.71	30.81	6.99	30.84	23.85	6.16	28.00	21.84	7.63	15.89	8.26	14.64	17.48	2.85	11.65	12.60	0.95	3.00	14.91	11.91	1.14	11.34	10.20	1.59	16.68	15.09	180,328	684,958	504,630
1983	1.90	19.45	17.55	2.83	16.85	14.02	2.76	15.06	12.30	6.67	18.29	11.62	5.82	14.98	9.16	3.44	15.40	11.97	6.63	15.69	9.06	14.58	16.66	2.08	11.95	21.17	9.22	4.37	17.64	13.28	1.83	19.29	17.47	1.88	19.48	17.61	167,545	544,257	376,711
1984	1.95	20.31	18.36	2.96	21.12	18.17	3.25	24.95	21.70	5.94	37.06	31.13	9.64	49.75	40.11	4.83	18.80	13.97	7.76	6.61	1.15	11.82	8.73	3.10	10.40	11.95	1.55	3.58	10.35	6.77	1.59	16.53	14.94	1.61	16.47	14.86	169,324	628,919	459,595
1985	2.22	22.95	20.73	4.04	27.93	23.90	3.26	21.83	18.58	6.67	30.56	23.89	7.54	30.24	22.70	4.23	9.77	5.54	7.86	4.56	3.30	14.99	6.09	8.90	12.89	14.33	1.45	4.37	15.42	11.04	2.07	21.75	19.68	1.80	18.42	16.62	186,447	580,261	393,814
1986	1.68	17.58	15.90	4.75	30.17	25.41	4.34	28.81	24.47	7.89	33.84	25.95	7.79	36.49	28.70	4.26	23.02	18.76	6.88	21.12	14.23	14.92	17.36	2.44	12.32	17.63	5.32	4.82	18.91	14.09	1.73	16.98	15.25	1.79	18.33	16.54	189,656	726,398	536,742
1987	1.70	17.81	16.11	3.51	26.56	23.05	3.28	23.07	19.79	6.14	28.70	22.56	5.99	26.82	20.83	4.17	20.11	15.94	8.89	10.60	1.70	13.40	10.76	2.64	11.69	11.99	0.30	2.45	10.50	8.05	0.90	10.00	9.10	1.07	10.82	9.75	163,822	538,479	374,656
1988	1.29	12.39	11.10	2.54	14.08	11.54	2.29	14.18	11.89	5.44	13.72	8.28	8.02	17.46	9.43	4.40	12.72	8.31	8.37	7.25	1.12	14.82	6.08	8.74	11.48	7.03	4.45	2.88	7.44	4.56	0.99	10.98	9.98	1.56	16.37	14.81	166,149	362,077	195,927
1989	1.14	9.76	8.62	2.29	10.22	7.93	3.74	18.24	14.51	6.86	19.51	12.65	6.56	23.52	16.96	4.03	21.44	17.41	6.15	17.55	11.41	14.06	12.33	1.72	11.92	11.38	0.54	2.98	16.08	13.09	1.33	13.23	11.90	1.35	13.88	12.53	161,730	485,071	323,341
1990	1.66	13.97	12.31	2.36	9.54	7.18	3.37	14.19	10.82	3.54	11.60	8.06	6.61	14.82	8.21	4.13	8.09	3.96	6.86	3.07	3.80	13.87	2.81	11.06	11.36	3.75	7.61	3.86											

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
VARDAR RIVER BASIN - B1-2

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	2.84	26.82	23.97	3.79	28.21	24.42	8.24	51.55	43.30	7.51	48.54	41.04	1.75	16.40	14.64	1.64	12.81	11.17	3.23	21.20	17.97	5.58	30.39	24.81	1.25	13.42	12.17	3.52	29.92	26.40	12.74	61.95	49.21	4.63	34.09	29.46	147,058	972,749	825,691
1962	6.44	39.99	33.55	12.14	64.24	52.10	16.38	84.63	68.25	9.07	60.92	51.85	2.29	13.23	10.94	1.15	8.82	7.66	2.47	10.63	8.15	2.21	20.49	18.28	1.61	18.68	17.07	4.89	30.78	25.89	8.99	64.94	55.95	7.88	79.94	72.05	195,765	1,288,942	1,093,176
1963	12.02	121.33	109.31	12.34	124.62	112.27	11.43	114.81	103.38	10.29	97.45	87.16	9.80	92.97	83.17	6.31	60.01	53.71	2.94	23.61	20.67	3.00	15.70	12.69	2.63	15.79	13.16	2.70	25.28	22.58	2.19	22.68	20.49	4.89	49.95	45.07	208,768	1,980,799	1,772,031
1964	2.57	26.61	24.04	2.08	20.95	18.87	3.71	36.28	32.57	4.41	36.07	31.66	3.81	36.02	32.21	2.61	24.30	21.69	2.39	18.65	16.26	2.42	13.55	11.14	1.86	10.99	9.13	1.62	14.59	12.97	3.58	36.73	33.15	3.30	34.06	30.76	89,038	800,433	711,395
1965	3.16	32.71	29.55	2.39	25.10	22.71	6.26	61.11	54.85	7.10	63.83	56.73	8.08	71.02	62.94	3.98	36.61	32.63	2.20	12.65	10.45	2.40	10.60	8.20	2.41	8.35	5.94	1.49	7.79	6.31	1.08	12.00	10.91	2.63	27.44	24.80	111,925	956,981	845,057
1966	3.86	39.74	35.88	5.73	57.11	51.38	3.83	38.17	34.34	5.41	46.87	41.46	5.33	43.23	37.90	3.42	31.57	28.15	2.00	13.98	11.98	2.00	6.35	4.35	1.80	6.03	4.23	1.19	8.46	7.26	2.24	23.54	21.30	4.25	43.61	39.36	106,488	929,658	823,170
1967	2.71	27.98	25.26	2.05	20.04	17.99	4.02	39.50	35.48	5.50	49.07	43.58	6.01	55.06	49.05	2.33	21.87	19.54	2.06	19.54	17.48	2.33	9.25	6.92	1.97	8.83	6.86	1.14	7.85	6.71	0.89	9.95	9.06	1.43	15.34	13.92	84,091	736,883	652,792
1968	2.07	21.81	19.74	3.15	32.28	29.13	2.74	25.65	22.91	4.36	34.86	30.50	3.43	28.10	24.67	3.50	34.09	30.60	2.12	11.88	9.76	1.80	7.48	5.68	2.04	8.71	6.67	1.32	7.70	6.37	0.96	10.73	9.77	1.17	12.77	11.60	74,278	611,875	537,598
1969	1.33	14.41	13.08	3.24	33.63	30.39	6.16	62.21	56.05	7.24	67.10	59.86	7.84	65.26	57.42	2.33	19.68	17.36	1.75	10.78	9.04	1.93	7.13	5.20	1.95	7.57	5.61	1.37	6.61	5.24	0.62	6.71	6.09	2.72	28.27	25.56	99,734	853,738	754,004
1970	5.10	52.13	47.03	4.23	43.38	39.15	6.50	65.42	58.92	8.62	78.77	70.15	4.80	41.94	37.13	2.92	28.17	25.25	2.25	17.89	15.64	2.37	8.47	6.10	2.35	8.84	6.48	0.84	8.24	7.40	0.91	10.20	9.30	1.14	12.32	11.17	108,967	973,973	865,006
1971	4.06	41.75	37.69	2.04	21.40	19.37	4.11	41.47	37.36	6.15	54.01	47.86	5.19	41.22	36.02	2.77	24.47	21.70	1.66	11.07	9.41	1.97	8.02	6.05	1.63	10.68	9.05	1.61	11.30	9.69	0.86	9.09	8.23	0.87	9.74	8.86	85,322	736,664	651,342
1972	1.25	13.61	12.36	2.45	25.66	23.21	3.67	35.58	31.91	4.83	46.96	42.13	3.58	26.11	22.53	1.77	14.18	12.41	1.60	12.96	11.35	1.71	9.18	7.47	2.24	12.29	10.05	2.46	25.87	23.41	2.29	23.61	21.32	1.89	19.70	17.80	77,087	688,699	611,612
1973	1.57	16.76	15.19	2.87	29.60	26.72	3.09	31.00	27.91	6.58	58.21	51.63	6.26	51.28	45.02	2.35	19.89	17.54	1.66	12.38	10.73	2.05	11.44	9.39	3.84	22.51	18.67	2.20	14.94	12.74	1.55	15.72	14.17	3.54	35.89	32.35	97,360	828,440	731,080
1974	3.08	31.94	28.86	4.38	45.03	40.64	4.49	44.25	39.75	5.13	46.19	41.06	7.49	67.90	60.42	3.80	35.91	32.10	2.49	15.65	13.16	2.25	9.51	7.26	2.51	11.39	8.88	2.01	17.64	15.63	2.20	22.92	20.72	1.72	18.34	16.61	107,749	950,390	842,642
1975	1.35	14.17	12.82	0.92	10.04	9.12	2.22	22.11	19.89	4.62	40.61	35.99	4.59	38.75	34.16	2.20	20.41	18.21	1.44	10.57	9.13	1.94	6.90	4.96	2.02	6.81	4.78	1.46	13.11	11.65	1.13	12.48	11.34	1.62	17.24	15.62	66,137	552,584	486,447
1976	1.43	15.23	13.80	1.80	17.93	16.13	2.64	24.26	21.63	3.56	30.37	26.81	4.31	37.77	33.47	3.21	32.37	29.16	2.01	17.85	15.83	1.97	10.39	8.42	2.40	9.67	7.27	1.20	11.08	9.88	2.96	29.84	26.87	5.71	57.60	51.89	86,072	762,992	676,921
1977	2.58	26.87	24.30	5.95	59.43	53.48	3.36	31.79	28.44	3.79	30.13	26.34	3.06	21.61	18.55	1.64	13.07	11.43	1.49	7.12	5.63	1.83	6.51	4.68	1.62	7.39	5.77	1.53	8.88	7.35	1.21	13.20	12.00	1.46	15.65	14.20	76,433	626,341	549,908
1978	1.23	13.37	12.15	3.46	34.78	31.33	4.58	46.54	41.95	6.59	62.25	55.66	8.18	74.73	66.55	3.11	27.29	24.18	2.11	11.94	9.83	2.22	8.13	5.92	1.55	11.28	9.73	1.34	8.11	6.77	0.78	8.26	7.48	1.58	16.94	15.36	95,194	838,835	743,641
1979	4.46	45.68	41.23	5.38	53.75	48.37	3.63	34.45	30.82	5.42	50.81	45.39	5.77	55.29	49.52	3.03	27.78	24.75	2.05	12.03	9.97	1.15	5.56	4.40	2.09	9.57	7.47	0.86	9.55	8.69	6.07	61.89	55.81	2.69	27.97	25.28	110,462	1,022,100	911,638
1980	3.34	34.46	31.13	3.50	34.95	31.45	4.29	43.43	39.14	4.89	42.47	37.58	8.42	80.01	71.59	4.44	40.97	36.54	2.38	14.73	12.35	2.41	9.98	7.57	2.07	6.94	4.87	1.73	15.18	13.45	2.34	24.55	22.21	3.23	33.41	30.18	111,542	987,805	876,262
1981	1.91	20.22	18.31	2.55	26.68	24.13	7.26	70.31	63.05	6.45	59.75	53.30	5.02	39.59	34.57	2.42	22.58	20.16	1.92	13.90	11.99	1.65	8.54	6.89	2.04	10.48	8.44	2.14	21.66	19.51	2.17	22.85	20.68	5.22	53.25	48.04	105,603	958,568	852,964
1982	3.91	40.15	36.23	2.18	21.82	19.64	3.21	31.69	28.48	5.28	52.42	47.14	4.44	38.15	33.70	2.26	19.48	17.22	1.74	9.44	7.70	1.72	9.55	7.83	1.93	9.62	7.69	0.99	8.87	7.88	0.91	9.89	8.98	2.39	25.04	22.64	80,288	715,693	635,406
1983	1.33	14.26	12.93	2.48	25.55	23.07	2.73	24.53	21.81	3.88	30.80	26.92	2.69	19.30	16.60	2.65	26.15	23.50	2.48	22.71	20.22	2.12	8.33	6.21	1.59	9.22	7.63	1.31	7.88	6.56	1.32	14.34	13.03	2.28	23.85	21.57	69,607	588,153	518,546
1984	3.40	35.02	31.62	3.47	35.86	32.39	4.62	45.35	40.73	7.41	69.73	62.31	8.55	71.67	63.12	2.36	21.90	19.54	1.80	10.72	8.92	1.70	10.81	9.11	2.13	9.62	7.49	1.49	8.56	7.08	1.10	11.77	10.67	1.38	14.65	13.28	102,120	895,917	793,797
1985	2.28	23.90	21.62	2.91	28.69	25.78	4.22	41.53	37.31	5.95	55.24	49.29	4.98	44.80	39.81	2.06	18.07	16.01	1.70	8.79	7.09	2.14	5.91	3.77	1.93	5.59	3.65	1.10	5.69	4.59	3.39	35.02	31.64	2.27	23.62	21.35	90,569	769,428	678,860
1986	3.64	37.52	33.88	8.78	86.47	77.68	8.36	83.18	74.82	7.53	65.73	58.20	6.37	60.73	54.35	3.56	34.18	30.62	2.44	21.41	18.97	2.76	12.16	9.40	2.41	8.89	6.48	1.43	8.79	7.37	0.92	9.80	8.89	0.90	9.90	9.00	127,312	1,137,298	1,009,985
1987	1.98	20.93	18.95	3.22	33.43	30.21	2.90	30.28	27.38	5.65	51.24	45.59	5.69	45.46	39.78	2.49	23.51	21.01	1.89	11.51	9.62	2.10	6.51	4.41	1.89	5.50	3.61	0.68	7.70	7.02	0.88	9.91	9.03	1.45	15.56	14.11	79,877	677,896	598,018
1988	0.98	10.74	9.76	1.16	12.35	11.20	2.08	21.06	18.98	3.93	31.30	27.37	3.79	24.58	20.80	1.21	10.57	9.36	1.47	5.96	4.49	2.10	5.28	3.17	1.58	4.73	3.14	0.74	5.09	4.35	0.80	9.13	8.33	1.86	19.65	17.79	56,222	415,849	359,627
1989	1.13	11.85	10.71	1.07	11.29	10.23	2.93	28.35	25.42	3.02	22.73	19.71	4.20	37.38	33.18	2.49	22.69	20.20	1.87	16.84	14.97	2.72	13.00	10.29	2.42	13.10	10.68	1.62	15.57	13.95	1.34	14.31	12.97	1.41	14.96	13.55	67,965	575,622	507,657
1990	1.09	11.55	10.46	1.08	11.53	10.46	1.31	10.26	8.95	2.56	20.19	17.63	2.71	16.96	14.25	1.26	9.04	7.78	1.11	4.68	3.58	1.45	4.39	2.95	1.57	5.06	3.48	1.11	5.54	4.42	0.63	7.48	6.85	1.23	13.38	12.15	44,348		

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
VARDAR RIVER BASIN - B1-3

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	2.81	5.92	3.11	3.59	5.27	1.68	5.91	10.09	4.18	7.75	2.89	4.86	12.36	30.02	17.66	8.43	18.59	10.16	10.52	9.52	1.00	13.63	7.03	6.59	12.26	7.52	4.74	5.80	8.02	2.22	3.35	11.80	8.45	2.41	3.38	0.97	230,197	311,170	80,973
1962	2.77	10.54	7.77	3.54	12.89	9.35	14.56	71.86	57.30	16.52	73.70	57.18	12.61	31.65	19.04	6.68	20.17	13.49	10.12	10.14	0.02	11.74	2.44	9.29	10.68	2.56	8.12	4.34	5.63	1.28	9.53	62.36	52.83	7.64	41.40	33.76	287,016	895,122	608,106
1963	12.26	70.81	58.55	20.15	131.24	111.09	11.24	56.57	45.33	15.35	63.80	48.45	11.96	39.04	27.09	10.05	27.72	17.67	8.64	1.43	7.21	12.82	5.93	6.89	11.28	8.58	2.70	4.32	14.62	10.30	3.08	14.49	11.40	2.21	7.19	4.98	319,738	1,144,170	824,432
1964	2.47	7.71	5.24	3.70	9.87	6.17	6.42	18.04	11.62	8.25	16.90	8.65	10.20	21.50	11.31	9.24	20.87	11.62	7.57	8.06	0.49	11.54	4.09	7.41	7.63	7.95	0.32	2.77	8.62	5.85	4.60	20.70	16.10	4.44	19.69	15.25	204,330	425,125	220,795
1965	7.30	41.27	33.96	4.07	20.32	16.25	11.17	51.64	40.47	13.07	51.28	38.21	14.69	62.26	47.57	8.38	20.43	12.05	7.32	6.61	0.75	8.52	2.70	5.82	11.92	2.23	9.69	6.16	3.11	3.05	1.16	3.68	2.52	2.31	9.25	6.94	249,037	712,269	463,232
1966	6.44	28.31	21.87	9.88	49.07	39.19	5.29	21.49	16.20	10.06	27.10	17.05	11.16	21.24	10.07	9.17	28.73	19.56	10.53	7.31	3.22	13.55	5.18	8.37	9.98	3.64	6.31	3.71	2.78	0.92	2.27	8.90	6.63	3.06	10.35	7.29	246,494	554,932	308,438
1967	3.85	15.62	11.77	4.27	13.48	9.21	6.53	21.38	14.86	8.87	25.43	16.55	10.04	24.75	14.71	5.96	10.02	4.06	6.00	16.49	10.49	11.67	5.05	6.62	9.87	4.07	5.80	5.25	3.00	2.25	1.46	5.52	4.07	2.21	8.91	6.70	196,965	398,459	201,494
1968	2.76	12.05	9.28	4.62	20.36	15.74	5.64	15.06	9.42	7.55	10.26	2.71	5.21	7.22	2.01	4.84	13.63	8.79	10.79	8.32	2.47	8.99	4.58	4.40	11.17	4.24	6.93	5.17	1.11	4.06	1.69	5.91	4.22	2.36	10.05	7.69	183,487	292,353	108,866
1969	3.45	16.68	13.23	7.94	37.82	29.88	9.78	47.16	37.38	11.57	38.39	26.83	13.26	23.08	9.82	6.52	7.83	1.32	9.79	5.62	4.17	11.12	5.26	5.86	11.89	5.00	6.89	6.27	4.63	1.64	1.64	3.99	2.35	3.34	18.35	15.01	250,284	554,225	303,941
1970	5.14	20.30	15.16	5.46	20.23	14.77	10.39	41.35	30.96	9.51	18.90	9.39	9.92	20.18	10.26	7.44	15.52	8.08	8.04	13.96	5.92	13.14	4.00	9.14	11.36	5.71	5.65	1.91	5.07	3.16	1.93	3.60	1.67	2.83	10.60	7.77	225,669	465,039	239,370
1971	4.75	23.74	18.99	3.99	21.15	17.16	7.30	33.37	26.07	12.64	41.42	28.77	7.38	8.24	0.86	6.88	10.18	3.30	6.16	8.17	2.02	11.29	5.29	6.00	9.09	11.81	2.73	5.98	7.47	1.49	2.31	10.21	7.89	2.78	17.47	14.69	208,779	514,555	305,775
1972	2.46	13.64	11.18	3.84	21.80	17.96	6.29	24.08	17.79	7.17	29.61	22.44	9.89	20.61	10.72	6.45	6.20	0.26	5.24	6.10	0.86	9.40	5.64	3.76	7.15	17.05	9.90	7.66	39.59	31.92	3.71	16.21	12.49	2.99	12.13	9.14	187,282	551,199	363,917
1973	2.16	8.49	6.34	4.80	25.66	20.86	6.88	34.30	27.42	12.44	50.83	38.39	13.67	30.94	17.26	8.11	12.18	4.06	7.98	13.94	5.96	9.83	8.50	1.53	14.11	11.86	2.24	7.17	8.27	1.10	2.94	10.27	7.32	5.05	25.97	20.91	246,616	625,205	378,589
1974	4.05	18.45	14.41	9.01	48.96	39.95	7.70	24.71	17.01	7.99	19.01	11.02	11.02	46.61	35.59	8.72	34.66	25.94	11.32	11.39	0.07	12.44	2.72	9.72	8.22	2.07	6.15	3.88	7.19	3.30	2.45	7.88	5.43	2.03	9.54	7.52	230,254	604,425	374,171
1975	3.16	16.40	13.24	2.88	7.67	4.79	6.32	24.88	18.56	8.66	12.84	4.17	10.01	33.24	23.23	6.72	27.16	20.44	8.06	12.17	4.11	10.46	5.94	4.52	11.31	4.28	7.03	4.42	14.24	9.82	3.15	15.66	12.51	4.07	23.86	19.79	205,364	514,083	308,719
1976	3.15	17.20	14.05	3.72	14.56	10.84	5.41	15.42	10.02	8.68	15.17	6.49	7.52	19.89	12.37	8.10	24.57	16.46	6.35	14.92	8.57	12.64	15.38	2.74	12.65	8.87	3.79	7.65	19.69	12.04	8.37	42.90	34.53	9.88	57.53	47.65	243,950	689,707	445,757
1977	4.78	27.10	22.32	10.93	61.17	50.25	9.02	37.64	28.62	10.89	28.89	18.01	9.24	14.46	5.21	5.16	4.35	0.81	8.23	5.24	3.00	10.12	3.82	6.30	12.17	6.35	5.81	5.83	8.50	2.67	1.85	5.44	3.59	1.37	2.23	0.87	232,200	531,869	299,668
1978	1.68	4.06	2.38	4.21	17.70	13.49	6.34	26.46	20.12	10.46	40.92	30.46	11.87	39.65	27.78	8.67	15.92	7.26	9.38	3.99	5.39	12.11	2.29	9.82	7.62	6.11	1.52	5.56	4.94	0.62	1.82	5.46	3.64	3.37	18.10	14.73	215,384	481,076	265,693
1979	4.27	20.78	16.52	6.22	25.30	19.07	4.70	13.91	9.21	7.90	15.17	7.27	7.60	9.08	1.48	5.33	6.55	1.22	7.84	5.35	2.48	7.86	2.37	5.49	10.85	5.92	4.93	4.93	7.55	2.62	7.08	48.61	41.53	3.44	20.77	17.33	202,182	470,059	267,877
1980	4.11	19.62	15.52	5.12	21.21	16.09	7.46	32.00	24.55	10.04	27.37	17.33	15.59	65.67	50.08	9.52	23.90	14.38	9.23	3.98	5.24	10.56	1.73	8.83	9.30	1.45	3.86	5.51	14.42	8.91	3.09	14.68	11.60	3.95	19.76	15.81	242,284	637,111	394,827
1981	2.54	12.18	9.64	6.10	33.12	27.02	11.59	60.78	49.19	8.10	24.20	16.09	11.25	15.32	4.07	6.20	10.29	4.09	7.20	6.08	1.12	10.22	5.83	4.39	7.96	14.17	6.21	5.70	15.11	9.42	4.86	24.88	20.02	10.35	56.54	46.19	238,595	721,883	483,289
1982	5.38	24.08	18.69	4.76	21.34	16.57	8.28	36.88	28.60	10.91	53.75	42.84	13.46	46.65	33.19	7.55	10.24	2.68	8.39	6.60	1.79	12.30	4.23	8.07	12.23	4.60	7.62	5.41	6.92	1.51	2.34	9.86	7.52	2.70	15.34	12.65	242,920	623,363	380,443
1983	2.57	13.88	11.30	4.02	16.67	12.65	4.15	10.11	5.96	7.76	13.40	5.64	6.00	5.67	0.34	6.13	26.01	19.88	9.34	29.46	20.12	11.18	5.16	6.03	8.83	10.21	1.38	6.45	12.45	6.01	2.01	8.37	6.35	4.10	19.15	15.04	188,019	442,011	253,992
1984	2.25	11.02	8.77	7.36	41.67	34.31	8.59	39.41	30.81	12.44	47.72	35.28	13.73	41.57	27.84	6.44	8.44	2.00	8.90	1.20	7.69	8.59	3.17	5.41	9.29	3.40	5.89	5.85	5.57	0.27	1.43	3.68	2.25	1.44	4.99	3.55	223,666	549,082	325,416
1985	2.65	10.76	8.11	4.02	16.33	12.31	8.45	34.09	25.63	9.27	19.96	10.70	7.88	17.40	9.52	6.55	8.88	2.33	10.18	6.54	3.65	11.55	4.54	7.01	12.14	6.70	5.44	5.21	3.37	1.84	3.37	18.76	15.40	2.25	8.53	6.28	216,502	403,976	187,474
1986	2.84	14.74	11.90	10.69	58.60	47.91	9.19	41.38	32.20	9.13	32.45	23.32	8.53	22.11	13.58	6.73	11.32	4.59	5.97	6.90	0.93	11.42	2.28	9.13	11.68	4.06	7.62	5.57	6.24	0.67	1.72	7.37	5.65	1.42	6.35	4.93	220,027	554,188	334,162
1987	1.62	6.20	4.58	3.95	16.18	12.22	4.42	15.40	10.98	11.87	45.10	33.23	11.50	22.34	10.84	7.19	10.94	3.75	10.07	3.66	6.41	9.18	2.61	6.57	10.67	1.66	9.02	2.93	7.51	4.58	2.46	11.84	9.39	2.16	10.29	8.13	202,261	398,460	196,199
1988	1.68	4.67	2.99	2.21	4.46	2.25	4.66	14.34	9.68	9.25	20.88	11.63	8.63	9.16	0.53	5.63	5.77	0.14	8.72	2.42	6.30	12.29	2.63	9.66	11.68	2.37	9.31	5.03	4.65	0.37	1.65	7.47	5.82	1.94	7.88	5.94	190,186	224,706	34,521
1989	1.78	5.69	3.91	2.34	5.90	3.57	5.33	18.14	12.81	5.95	17.53	11.57	15.12	53.21	38.09	7.35	34.79	27.43	8.99	17.23	8.24	10.48	6.13	4.35	12.20	4.67	7.54	6.39	17.80	11.40	3.18	15.33	12.15	2.69	14.10	11.41	212,059	545,665	333,606
1990	2.44	10.33	7.89	3.16	9.15	5.99	4.83	10.46	5.64	6.89	21.56	14.67	9.70	11.96	2.25	6.64	7.38	0.73	9.39	4.89	4.50	10.71	3.49	7.22	12.20	3.24	8.97	4.41	3.07	1.34	1.54	5.58	4.04	3.13	14.93	11.80	194,507	274,825	80,318
1991	1.96	9.55	7.59	4.35	20.44	16.09	6.26																																

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
VARDAR RIVER BASIN - B1-4

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	9.33	56.75	47.42	15.05	47.24	32.19	21.20	53.29	32.09	45.25	19.14	26.10	37.23	34.61	22.67	34.62	12.45	22.17	58.28	3.53	54.75	83.27	5.92	77.36	74.26	3.98	70.28	24.82	1.02	23.80	5.63	26.17	20.55	4.74	22.76	18.01	1,072,295	743,528	328,767
1962	6.44	31.36	24.93	13.92	64.10	50.18	58.43	365.31	306.87	62.57	190.63	128.06	65.22	62.43	22.79	26.99	16.06	10.93	55.87	3.77	52.09	75.31	4.29	71.02	66.99	2.67	64.31	18.68	3.17	15.51	44.16	272.83	228.67	35.72	207.68	171.95	1,374,540	3,173,391	1,798,851
1963	65.80	372.67	306.87	103.76	609.69	505.93	57.21	256.03	198.82	85.09	305.37	220.28	68.59	203.96	135.36	57.33	161.83	104.50	51.14	21.09	30.05	76.63	4.33	72.30	62.82	8.99	53.83	15.28	25.93	10.65	7.18	29.46	22.28	18.41	100.76	82.35	1,734,692	5,443,506	3,708,813
1964	7.68	34.43	26.75	13.05	43.00	29.95	24.85	86.91	62.06	44.36	59.19	14.83	40.72	66.13	25.42	41.67	53.01	11.34	43.61	26.41	17.20	68.92	12.42	36.49	44.74	21.31	23.43	10.71	29.41	18.69	19.11	87.04	67.93	15.95	81.54	65.59	972,945	1,557,272	584,327
1965	19.27	100.28	81.01	13.14	71.40	58.26	47.55	189.65	142.10	63.06	156.10	93.04	58.82	129.95	71.13	38.44	20.24	18.20	45.72	4.19	41.52	56.81	1.91	54.90	76.58	4.11	72.48	33.53	5.48	28.05	1.98	10.11	8.12	6.81	34.01	27.20	1,196,759	1,885,505	688,746
1966	22.58	106.13	83.55	31.80	133.91	102.11	19.28	63.25	43.96	50.11	59.16	9.05	61.28	65.41	4.12	39.25	51.22	11.97	58.20	13.15	45.05	79.37	2.92	76.45	62.29	9.25	53.04	18.10	7.04	11.06	4.62	14.64	10.02	22.34	119.13	96.79	1,216,220	1,672,386	456,166
1967	14.71	65.34	50.63	16.99	50.24	33.25	27.48	95.79	68.30	48.42	95.66	47.24	54.47	113.04	58.57	31.30	31.16	0.17	26.70	31.36	4.66	71.78	3.14	68.64	60.52	9.66	50.87	24.76	0.89	23.86	2.49	6.70	4.21	7.17	36.53	29.36	1,002,547	1,398,371	395,824
1968	8.77	41.49	32.72	30.31	129.81	99.50	23.95	56.99	33.05	46.29	13.12	33.18	28.11	2.07	26.04	23.59	17.71	5.88	63.49	10.72	52.77	53.48	1.63	51.85	65.26	1.52	63.75	28.16	1.27	26.89	2.45	8.54	6.09	3.21	9.64	6.44	977,387	763,400	213,987
1969	12.78	59.31	46.53	22.10	100.18	78.08	31.43	134.29	102.87	52.17	98.93	46.76	76.81	80.55	3.74	35.94	10.92	25.01	56.33	14.95	41.37	68.92	19.99	48.93	73.52	27.21	46.31	36.61	24.00	12.61	3.79	1.40	2.38	5.82	18.32	12.50	1,234,338	1,529,467	295,129
1970	12.28	47.21	34.93	13.79	60.76	46.97	28.59	78.22	49.63	52.80	70.67	17.87	45.98	64.37	18.39	34.67	28.45	6.22	38.98	29.64	9.34	81.29	13.56	67.73	71.14	20.96	50.18	8.87	50.23	41.36	7.15	41.70	34.55	2.14	3.42	1.28	1,030,794	1,319,836	289,042
1971	8.29	24.68	16.39	5.36	14.84	9.48	15.53	54.93	39.39	54.02	47.53	6.43	44.93	11.44	33.49	37.06	25.73	11.32	36.12	4.00	32.12	68.17	9.45	58.72	45.63	17.06	28.57	29.34	23.41	5.93	5.66	18.92	13.26	3.47	15.42	11.95	916,494	693,114	223,380
1972	5.35	28.14	22.79	8.08	30.98	22.90	21.81	43.24	21.43	34.22	43.66	9.43	53.31	36.40	16.91	39.70	23.41	16.29	31.93	20.71	11.22	56.46	31.68	24.78	39.07	30.00	9.07	17.30	84.43	67.13	11.97	61.33	49.36	9.36	50.20	40.84	851,653	1,254,964	403,311
1973	6.72	41.72	35.00	17.04	68.69	51.65	24.69	84.82	60.13	62.00	146.47	84.47	69.89	77.59	7.70	44.93	33.31	11.61	40.83	31.45	9.38	58.68	34.15	24.52	87.89	59.64	28.25	39.38	47.89	8.52	10.19	45.14	34.94	18.19	82.66	64.48	1,245,240	1,953,168	707,928
1974	14.26	72.90	58.65	29.86	133.99	104.13	37.09	143.59	106.50	48.20	93.45	45.25	45.22	115.09	69.87	29.73	66.24	36.51	62.87	28.26	34.61	78.49	40.87	37.62	58.83	32.52	26.31	17.58	31.80	14.22	8.20	43.73	35.53	6.16	38.44	32.28	1,131,378	2,179,570	1,048,192
1975	6.98	30.26	23.29	10.23	32.43	22.20	18.57	49.00	30.42	50.14	40.20	9.94	42.04	40.95	1.08	22.58	31.36	8.78	40.42	22.19	18.23	65.59	17.73	47.85	69.97	13.55	56.42	15.68	30.31	14.62	8.54	48.52	39.98	8.67	47.07	38.40	931,593	1,046,063	114,470
1976	5.30	22.00	16.70	10.12	26.28	16.16	17.62	9.50	8.13	44.35	38.68	5.66	38.75	64.50	25.75	37.28	67.14	29.86	33.04	45.96	12.92	66.83	32.85	33.98	76.02	28.34	47.68	25.49	54.66	29.17	23.59	88.59	65.00	34.06	157.60	123.53	1,069,078	1,648,773	579,695
1977	16.69	86.26	69.57	28.59	121.03	92.43	21.76	54.35	32.59	47.98	29.48	18.50	48.52	26.65	21.87	33.48	30.04	3.44	50.80	15.15	35.65	63.28	10.05	53.23	68.05	12.03	56.01	29.76	16.32	13.43	3.64	12.93	9.29	4.51	27.64	23.13	1,081,062	1,145,521	64,459
1978	3.68	14.77	11.09	9.78	29.67	19.89	13.75	28.77	15.02	41.38	58.23	16.85	49.39	64.17	14.78	45.61	38.33	7.28	59.81	11.39	48.41	77.36	13.27	64.08	42.47	27.81	14.66	30.29	26.66	3.63	10.11	58.16	48.04	10.68	68.89	58.21	1,022,037	1,140,798	118,760
1979	13.71	49.04	35.32	21.11	58.66	37.56	16.76	15.09	1.67	45.82	84.90	39.07	52.84	111.05	58.21	37.37	53.72	16.34	52.05	25.16	36.89	48.88	31.78	17.10	66.86	29.98	36.88	18.51	22.92	4.41	26.91	117.34	90.43	18.00	93.77	75.77	1,085,597	1,797,304	711,708
1980	21.25	116.13	94.88	28.96	129.78	100.82	25.68	98.54	72.87	53.44	101.48	48.04	63.82	185.94	122.12	52.80	117.40	64.61	59.53	27.93	31.61	71.64	26.40	45.23	63.62	18.47	45.15	23.60	42.55	18.95	11.80	78.64	66.84	17.12	90.26	73.14	1,278,502	2,678,913	1,400,412
1981	14.61	84.34	69.72	25.55	125.30	99.75	51.03	227.91	176.87	58.10	175.23	117.14	68.55	90.01	21.46	36.06	42.59	6.52	45.45	35.85	9.60	60.50	33.41	27.09	49.79	76.54	26.75	23.18	62.64	39.46	14.82	100.41	85.59	29.81	166.56	136.75	1,237,580	3,164,260	1,926,679
1982	26.24	175.59	149.35	18.31	96.29	77.98	26.67	90.55	63.88	40.49	112.60	72.11	64.71	152.85	88.14	49.03	85.24	36.21	52.89	16.15	36.75	70.46	26.86	43.61	75.25	48.59	26.66	26.26	43.93	17.67	8.31	36.42	28.10	8.58	35.82	27.24	1,211,029	2,386,924	1,175,895
1983	8.55	51.65	43.11	13.87	55.85	41.98	18.99	31.23	12.23	47.86	49.35	1.49	38.29	20.50	17.79	21.66	43.66	21.99	37.57	48.61	11.04	72.27	37.66	34.61	54.57	75.69	21.12	30.62	21.16	9.46	5.01	19.97	14.95	18.41	71.75	53.34	953,033	1,366,187	413,154
1984	21.12	120.66	99.54	37.80	205.74	167.94	37.37	172.19	134.82	60.64	144.17	83.52	72.82	65.78	7.04	40.15	39.49	0.66	57.65	17.60	40.05	50.53	13.84	36.70	60.19	9.84	50.35	32.84	25.18	7.66	6.73	34.72	27.98	6.27	38.34	32.07	1,254,816	2,300,484	1,045,668
1985	9.92	48.75	38.84	12.84	38.27	25.44	16.76	27.80	11.04	44.97	53.27	8.30	38.69	54.16	15.46	37.25	15.39	21.86	59.80	4.23	55.58	73.94	1.97	71.96	73.97	8.30	45.66	29.39	19.61	9.78	9.84	42.98	33.14	10.79	62.58	51.80	1,083,847	978,019	105,828
1986	10.83	64.00	53.18	43.11	184.36	141.25	43.85	176.82	132.97	54.04	92.80	38.76	45.02	56.86	11.84	41.45	39.14	2.32	39.56	32.24	7.32	78.97	31.82	47.14	79.10	37.99	41.10	34.71	53.16	18.45	7.68	31.06	23.38	4.71	21.47	16.76	1,252,027	2,129,955	877,928
1987	6.52	33.42	26.90	14.42	57.05	42.63	19.16	60.89	41.72	65.23	239.35	174.12	59.12	60.51	1.40	40.66	47.93	7.28	62.03	15.29	46.73	63.86	14.42	49.44	72.38	42.85	29.53	10.66	27.85	17.19	6.45	32.35	25.90	6.73	41.04	34.31	1,107,397	1,744,325	636,928
1988	5.02	15.79	10.77	7.74	28.04	20.30	13.79	32.45	18.67	46.97	38.58	8.40	54.41	26.14	28.27	30.72	14.17	16.55	55.62	4.89	50.73	79.28	4.85	74.43	70.09	7.69	62.40	23.66	16.04	7.62	5.19	32.47	27.27	7.23	46.83	39.60	1,036,085	694,515	341,570
1989	6.07	21.06	14.99	7.92	18.40	10.48	19.87	44.78	24.92	31.93	19.74	12.19	42.53	45.01	2.48	16.51	27.67	11.16	38.99	28.36	10.63	68.07																	

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
 VARDAR RIVER BASIN - B1-5

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	0.84	9.05	8.22	1.04	7.91	6.87	2.14	10.89	8.75	0.60	6.40	5.80	4.12	13.02	8.90	5.30	6.44	1.14	8.61	3.33	5.27	13.68	2.00	11.68	11.03	2.00	9.03	1.42	2.00	0.58	9.54	6.11	5.58	0.34	4.10	3.76	128,697	189,881	61,184
1962	0.34	4.10	3.76	0.78	8.56	7.78	5.37	54.49	49.13	5.24	37.67	32.43	8.01	15.17	7.16	4.74	5.74	0.99	9.43	0.77	8.66	12.99	1.67	11.32	9.51	1.39	8.12	0.05	1.26	1.22	4.54	46.16	41.61	3.26	33.22	29.97	166,562	544,854	378,292
1963	6.22	62.92	56.69	9.10	91.75	82.65	4.91	45.04	40.13	8.44	51.29	42.84	4.99	38.52	33.52	7.54	28.88	21.34	8.76	4.33	4.43	12.62	1.17	11.45	7.38	2.22	5.15	1.08	6.23	5.15	0.58	6.52	5.94	1.63	16.93	15.30	189,879	922,224	732,345
1964	0.56	6.33	5.76	0.73	6.93	6.20	1.36	14.39	13.04	3.77	11.60	7.83	2.33	14.02	11.69	3.40	11.26	7.86	7.45	4.22	3.24	12.80	1.38	11.42	4.16	3.49	0.67	2.21	5.60	3.39	1.60	16.69	15.09	1.43	14.93	13.51	108,328	287,294	178,966
1965	1.67	17.39	15.72	1.09	11.61	10.52	3.18	31.61	28.43	3.55	29.99	26.44	9.10	31.46	22.36	6.90	10.57	3.68	10.27	1.56	8.71	12.67	0.57	12.10	10.86	0.31	10.56	2.98	0.37	2.62	0.07	1.42	1.35	0.59	6.58	5.99	163,143	371,824	208,680
1966	1.65	17.21	15.55	3.04	25.20	22.16	1.89	12.68	10.79	4.65	14.94	10.30	6.08	15.89	9.80	6.43	12.93	6.50	9.07	2.55	6.52	8.63	0.23	8.40	5.05	1.04	4.01	2.05	1.31	0.74	0.37	4.41	4.04	1.73	17.99	16.26	131,276	327,559	196,283
1967	1.09	11.00	9.91	1.51	8.22	6.72	3.28	16.27	12.99	4.96	19.65	14.69	4.60	22.64	18.04	4.28	7.58	3.31	5.11	6.75	1.64	6.82	0.98	5.84	7.06	0.68	6.38	2.42	0.60	1.82	0.08	1.49	1.41	0.45	5.19	4.74	107,905	261,902	153,996
1968	0.53	5.96	5.43	2.03	17.23	15.20	2.36	8.79	6.43	4.72	5.34	0.63	4.33	3.25	3.08	2.74	6.85	4.10	10.35	0.72	9.62	11.13	0.88	10.25	10.48	1.36	9.12	2.91	0.75	2.17	0.18	2.51	2.33	0.29	3.59	3.29	134,919	148,331	13,412
1969	0.81	8.76	7.95	1.78	18.54	16.76	2.50	25.82	23.32	5.02	24.10	19.08	6.52	20.27	13.75	5.06	4.11	3.95	7.37	2.33	5.04	12.02	2.29	9.73	7.36	3.10	4.26	3.40	2.37	1.03	0.10	0.70	0.59	0.48	5.46	4.98	135,894	305,478	169,585
1970	1.28	13.48	12.20	1.46	14.24	12.79	2.49	20.86	18.37	4.72	21.03	16.32	3.26	15.82	12.55	5.95	9.16	3.21	8.29	7.66	0.62	13.24	0.35	12.89	9.77	2.39	1.38	1.88	5.56	3.67	0.52	4.90	4.37	0.15	1.63	1.48	137,403	303,464	166,061
1971	1.00	10.19	9.19	0.69	7.67	6.98	1.77	16.33	14.57	5.02	18.71	13.69	4.74	10.57	5.83	6.77	7.63	0.86	8.17	0.53	7.64	12.22	0.40	11.82	9.05	3.81	5.25	2.88	3.69	0.81	0.41	3.18	2.77	0.28	3.43	3.16	137,368	223,282	85,914
1972	0.33	4.01	3.67	0.66	7.30	6.65	1.66	10.42	8.76	1.89	12.79	10.90	5.00	8.76	3.77	5.53	2.79	2.74	7.58	2.25	5.53	10.07	2.19	7.88	4.04	5.03	0.99	1.45	15.28	13.83	1.13	10.93	9.80	0.87	7.77	6.90	104,203	232,045	127,842
1973	0.49	5.58	5.09	1.17	12.40	11.23	1.76	15.77	14.01	5.47	28.06	22.59	8.37	19.76	11.39	5.46	5.43	3.02	8.92	4.31	4.61	9.59	3.88	5.71	11.81	9.77	2.04	3.93	7.69	3.76	1.05	7.99	6.94	1.72	15.74	14.02	154,845	353,468	198,623
1974	1.40	14.65	13.25	2.40	24.73	22.33	2.68	22.73	20.05	3.76	17.45	13.69	5.94	26.29	20.35	6.85	15.55	8.69	10.79	4.56	6.22	13.74	0.72	10.02	9.12	3.92	5.19	1.25	5.77	4.51	0.86	8.29	7.43	0.68	6.92	6.24	154,119	400,637	246,519
1975	0.64	6.05	5.41	0.62	4.76	4.14	1.34	9.34	8.01	5.32	11.41	6.09	5.85	13.03	7.18	2.69	9.01	6.33	8.11	3.25	4.86	12.09	0.76	11.33	9.82	1.20	5.61	2.14	5.40	3.27	0.84	8.01	7.17	0.97	8.77	7.80	130,690	209,979	79,289
1976	0.66	5.15	4.49	0.91	5.55	4.64	0.62	3.76	3.15	3.73	9.53	5.80	3.86	14.22	10.36	5.30	15.67	10.37	6.64	7.97	1.33	8.24	5.00	3.24	9.92	3.89	6.03	3.19	8.87	5.68	2.20	19.51	17.31	3.16	30.12	26.97	125,537	335,050	209,514
1977	1.53	14.91	13.38	3.13	27.69	24.56	2.45	14.47	12.02	4.55	10.19	5.64	2.60	5.93	3.34	1.65	4.05	2.41	10.02	0.69	0.13	7.54	0.70	6.84	10.24	0.53	9.71	3.13	1.23	1.90	0.16	2.30	2.14	0.52	4.84	4.32	123,147	226,912	103,766
1978	0.40	3.65	3.25	0.95	8.60	7.65	1.90	10.63	8.73	3.42	18.38	14.96	4.19	22.89	18.70	7.64	8.80	1.15	10.70	0.95	9.75	9.03	0.49	8.54	5.21	4.34	0.87	2.95	3.80	0.85	0.96	8.16	7.20	1.12	11.82	10.70	125,623	265,673	140,050
1979	1.26	12.17	10.91	1.98	15.69	13.71	1.63	6.83	5.20	3.96	15.63	11.67	5.61	21.45	15.84	6.77	8.70	1.93	10.19	2.37	7.82	7.86	3.39	4.47	9.04	4.24	4.81	2.64	3.37	0.73	2.55	25.12	22.58	1.51	15.21	13.70	142,541	347,765	205,223
1980	2.20	19.51	17.31	2.86	21.18	18.33	2.26	18.04	15.78	4.41	16.94	12.52	4.58	36.03	31.45	8.95	20.24	11.28	8.51	3.39	5.12	12.50	2.17	10.33	6.09	1.28	4.81	2.89	6.98	4.09	1.22	12.37	11.15	1.55	16.19	14.63	150,409	451,844	301,435
1981	1.24	12.00	10.77	2.02	18.82	16.80	4.80	39.68	34.88	5.59	28.70	23.11	8.00	14.97	6.98	5.43	7.18	1.75	10.89	3.93	6.96	7.51	3.67	3.84	8.66	10.20	1.53	2.55	11.17	8.61	1.65	17.19	15.54	3.18	32.46	29.28	159,459	518,327	358,868
1982	2.74	25.90	23.16	1.60	14.02	12.42	2.14	17.39	15.25	2.96	25.64	22.68	8.04	25.78	17.74	7.78	12.34	4.56	6.30	1.94	4.36	3.20	2.74	0.46	9.42	4.74	4.67	0.47	4.48	4.01	0.48	4.43	3.95	0.60	6.66	6.06	118,523	378,614	260,092
1983	0.76	7.24	6.48	1.25	8.96	7.71	1.52	6.31	4.79	4.05	8.97	4.92	3.73	3.74	0.01	1.17	10.13	8.95	8.95	10.47	1.53	12.65	4.15	4.50	7.83	8.85	1.02	3.14	3.06	0.09	0.37	3.33	2.96	1.05	11.13	10.08	120,447	223,760	103,313
1984	1.55	16.19	14.64	2.74	28.18	25.44	2.89	27.06	24.17	5.06	29.33	24.28	8.63	23.54	14.90	6.50	7.14	0.63	10.50	1.15	9.55	10.87	1.01	9.86	8.65	0.90	7.75	2.91	2.30	0.61	0.47	4.36	3.89	0.51	4.66	4.16	158,849	377,955	219,106
1985	0.76	8.24	7.49	1.37	8.49	7.12	1.07	10.44	9.37	4.54	13.92	9.37	4.30	13.70	9.40	7.03	3.18	3.85	11.09	0.50	10.58	12.72	0.52	12.20	10.52	0.65	9.87	3.01	1.67	1.33	0.86	9.30	8.44	0.97	8.76	7.79	150,924	205,740	54,816
1986	1.08	11.44	10.36	4.20	34.66	30.45	3.67	31.63	27.96	6.46	20.61	14.15	4.81	16.63	11.83	4.43	10.20	5.77	10.26	6.84	3.43	11.97	3.96	8.02	9.56	4.03	5.52	3.47	6.28	2.81	0.42	3.82	3.40	0.22	2.83	2.61	156,930	396,355	239,425
1987	0.47	5.37	4.90	1.34	12.51	11.17	1.20	11.81	10.60	5.79	36.62	30.83	6.24	15.27	9.03	4.65	8.62	3.97	11.21	1.78	9.44	11.85	0.48	11.37	10.58	3.37	7.21	0.43	2.42	1.99	0.29	3.62	3.33	0.57	5.26	4.69	141,558	277,626	136,068
1988	0.11	1.83	1.71	0.49	3.52	3.03	1.49	6.01	4.52	3.79	8.05	4.26	4.88	5.53	0.65	5.75	2.32	3.43	9.51	0.41	9.10	13.42	0.51	12.91	10.59	0.80	9.79	1.38	0.61	0.77	0.24	3.16	2.91	0.55	6.18	5.63	135,337	100,930	54,406
1989	0.45	1.98	1.53	0.77	1.98	1.21	1.67	9.47	7.80	2.54	6.34	3.80	5.95	15.07	9.12	3.22	9.47	6.25	6.56	6.08	0.48	13.14	3.72	9.43	11.02	1.92	9.11	1.01	7.72	6.70	0.34	3.60	3.26	0.51	5.19	4.69	122,315	188,015	65,699
1990	0.70	4.47	3.78	0.67	2.06	1.38	1.92	2.69	0.77	1.81	3.88	2.07	5.34	3.06	2.28	5.83	0.93	4.90	9.79	0.57	9.22	10.10	0.29	9.80	9.69	0.41	9.28	2.40	0.49	1.91	-0.01	0.64	0.65	0.29	3.00	2.72	125,772	58,331	67,440
1991	0.47	3.26	2.79	0.56	6.39	5.82	1.41	11.73	10.32	2.76	17.22	14.45	5.84	21.50	15.66	6.98	11.32	4.34	3.57	2.15	1.42	10.93	0.52	10.42	7.48														

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
VARDAR RIVER BASIN - B1

Units: m³/sec

Units: 10⁵ 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	19.47	133.97	114.50	27.46	121.14	93.68	41.51	154.51	113.01	72.09	104.25	32.16	72.29	195.39	123.11	59.07	104.72	45.65	89.22	59.67	29.56	130.68	48.00	82.68	114.49	48.00	66.49	37.35	47.00	9.65	14.82	101.05	86.23	11.75	78.50	66.75	1,788,998	3,100,561	1,311,563
1962	12.40	78.52	66.12	23.16	128.45	105.29	99.45	643.10	543.66	109.40	454.57	345.17	105.30	202.49	97.19	46.80	96.81	50.01	85.83	41.17	44.66	116.74	29.00	87.74	101.70	29.33	72.37	29.54	46.71	17.16	83.22	549.69	466.47	65.09	404.74	339.65	2,277,389	7,010,270	4,732,881
1963	117.73	737.49	619.76	167.25	#####	893.30	102.08	537.14	435.06	139.51	607.15	467.65	115.66	464.10	348.43	96.54	356.15	259.61	82.67	81.09	158	120.49	45.63	74.86	97.17	57.45	39.72	28.55	102.31	73.76	16.90	105.60	88.70	35.20	222.20	187.01	2,902,380	11,344,822	8,442,442
1964	17.34	103.43	86.09	23.87	110.16	86.28	43.17	193.82	150.65	70.16	162.55	92.40	68.46	189.59	121.13	65.00	158.69	93.69	69.30	79.77	10.47	111.82	48.05	63.77	69.96	71.64	1.68	21.63	95.25	73.63	36.68	219.55	182.87	31.82	199.83	168.01	1,630,917	4,231,015	2,600,098
1965	36.56	227.39	190.83	25.76	162.63	136.87	79.22	386.73	307.51	100.57	368.59	268.02	109.71	385.03	275.33	69.25	151.02	81.77	75.56	50.03	25.53	95.27	36.96	58.31	116.33	35.07	81.25	49.41	36.66	12.75	5.86	48.50	42.65	16.32	106.28	89.96	2,021,281	5,170,779	3,149,498
1966	40.22	225.31	185.09	60.54	314.91	254.37	37.46	174.60	137.14	82.06	199.94	117.88	98.73	210.53	111.80	68.38	177.44	109.06	88.04	50.33	37.71	119.47	25.72	93.75	91.20	40.67	50.53	29.07	41.36	12.28	13.12	81.91	68.79	38.39	234.13	195.74	1,987,221	4,605,573	2,618,352
1967	27.08	155.79	128.70	30.06	124.68	94.62	49.51	214.84	165.33	79.73	252.72	172.99	90.82	286.16	195.34	52.06	117.49	65.43	47.74	108.20	60.46	107.90	43.47	64.43	93.27	45.59	47.68	38.26	39.23	0.97	6.70	49.22	42.53	13.60	90.65	77.06	1,650,411	3,960,698	2,310,287
1968	16.43	99.28	82.85	45.24	225.57	180.33	39.48	131.05	91.57	71.94	92.41	20.47	48.45	68.99	20.53	41.54	109.25	67.71	95.82	40.66	55.16	87.20	28.61	58.59	101.43	36.44	65.00	42.43	40.90	1.53	7.87	60.66	52.79	10.30	72.71	62.41	1,576,284	2,608,891	1,032,607
1969	21.31	130.64	109.34	42.55	240.24	197.68	60.09	321.80	261.71	90.47	302.60	212.14	123.94	259.62	135.68	57.05	78.63	21.59	83.63	58.63	25.01	110.14	58.24	51.90	107.58	67.31	40.27	52.93	59.10	6.17	7.14	32.39	25.25	15.85	93.75	77.90	2,002,773	4,414,083	2,411,310
1970	32.37	183.58	151.21	33.78	192.14	158.35	59.64	266.28	206.64	93.14	268.20	175.06	78.03	209.76	131.73	60.46	135.12	74.66	68.19	118.39	50.20	126.10	36.46	89.64	107.75	59.31	48.44	16.26	94.79	78.53	12.50	87.40	74.90	8.97	58.88	49.91	1,807,141	4,433,143	2,626,001
1971	27.58	170.05	142.47	18.69	118.51	99.82	38.50	215.51	177.01	93.67	242.21	148.54	77.58	151.02	73.44	62.63	118.02	55.38	57.53	38.43	39.11	108.23	36.50	71.73	77.95	75.18	2.77	44.47	73.86	29.39	11.15	68.12	56.97	9.22	71.01	61.79	1,625,718	3,572,849	1,947,131
1972	10.88	77.43	66.55	19.58	114.34	94.76	40.40	149.31	108.91	58.23	175.80	117.57	81.24	130.72	49.48	58.42	63.78	5.35	53.87	57.80	3.93	89.91	57.07	32.84	61.96	88.90	26.95	34.37	203.73	169.36	24.13	155.03	130.90	18.53	119.60	101.06	1,429,548	3,612,000	2,182,452
1973	13.19	95.06	81.87	31.54	171.44	139.90	42.68	209.28	166.60	100.01	346.89	246.88	114.82	253.90	139.08	67.02	93.43	26.41	65.84	80.85	15.01	92.91	75.99	16.92	135.80	141.97	6.17	60.64	118.67	58.03	20.18	122.06	101.88	35.46	208.84	173.39	2,021,957	4,972,433	2,950,476
1974	30.16	196.64	166.48	55.12	309.59	254.47	61.10	287.18	226.08	76.36	228.05	151.69	84.80	327.13	242.33	58.83	206.71	147.88	98.41	83.65	14.76	122.05	74.20	47.85	91.97	76.49	15.48	29.85	97.15	67.30	18.63	125.47	106.83	14.50	110.02	95.52	1,922,728	5,500,920	3,578,192
1975	15.35	100.34	84.99	18.19	85.87	67.68	33.16	137.23	104.07	79.60	160.42	80.82	73.43	178.53	105.10	40.76	133.54	92.78	66.26	69.00	2.75	102.50	41.07	61.43	105.81	41.61	64.20	27.58	93.10	65.52	16.95	122.29	105.34	18.88	130.75	111.86	1,551,257	3,353,377	1,802,119
1976	13.59	90.27	76.69	21.11	94.71	73.60	30.40	74.71	44.30	69.81	139.26	69.45	64.97	191.91	126.94	64.22	208.13	143.91	56.60	121.85	65.25	105.43	88.61	16.82	114.88	76.15	38.73	43.10	131.94	88.83	45.72	251.18	205.46	63.81	370.05	306.24	1,797,922	4,766,080	2,968,158
1977	31.06	199.65	168.59	61.51	342.78	281.27	45.15	194.67	149.52	77.33	146.74	69.41	72.24	99.03	26.79	46.66	77.95	31.30	77.72	40.28	37.44	96.40	32.19	64.21	103.64	39.36	64.28	43.67	46.28	2.61	8.90	58.32	49.43	11.41	86.77	75.36	1,751,333	3,535,547	1,784,214
1978	10.43	73.46	63.03	24.90	128.84	103.94	34.14	151.60	117.46	74.71	238.48	163.77	91.78	289.01	197.23	73.58	131.08	57.50	90.45	39.76	50.69	115.99	35.01	80.98	67.22	81.16	13.94	45.72	75.13	29.42	17.44	123.94	106.50	21.83	164.97	143.14	1,731,945	3,972,126	2,240,181
1979	30.71	168.86	138.14	45.23	208.38	163.15	34.04	109.02	74.98	73.99	207.67	133.68	86.15	272.84	186.69	59.72	130.01	70.29	80.11	59.12	20.99	78.90	70.55	8.35	102.94	80.01	22.93	30.32	70.27	39.95	53.14	314.04	260.90	31.31	202.96	171.65	1,831,380	4,908,535	3,077,155
1980	38.83	251.17	212.34	49.96	269.88	219.91	47.28	234.61	187.34	83.38	222.30	138.92	108.06	436.23	328.17	87.28	259.27	171.99	89.88	70.54	19.35	113.17	56.91	56.26	94.14	46.92	47.22	38.61	110.72	72.11	23.24	171.17	147.93	32.96	213.90	180.94	2,091,209	6,074,644	3,983,435
1981	24.48	167.04	142.56	42.04	243.39	201.36	89.26	477.13	387.87	93.17	354.06	260.90	104.13	200.31	96.18	56.92	113.02	56.10	73.39	76.57	3.18	93.66	73.68	19.97	80.07	146.78	66.71	40.63	157.66	117.02	29.99	225.16	195.17	60.95	396.17	335.22	2,044,277	6,819,528	4,775,251
1982	46.48	322.69	276.21	32.15	189.59	157.43	47.74	227.41	179.67	73.75	319.81	246.06	102.82	321.34	218.52	74.87	170.78	95.91	77.22	54.31	22.91	103.30	63.29	40.01	111.97	85.69	26.28	36.25	82.78	46.53	13.58	82.19	68.61	17.55	107.20	89.65	1,912,069	5,254,174	3,342,105
1983	15.67	113.70	98.02	26.29	132.90	106.61	32.58	103.24	70.66	73.18	133.00	59.82	57.94	74.45	16.51	38.04	146.01	107.97	67.89	149.87	81.98	113.86	79.06	34.81	85.54	131.69	46.15	46.09	66.79	20.71	10.75	69.82	59.06	29.72	157.19	127.47	1,548,853	3,519,179	1,970,326
1984	33.23	213.89	180.66	57.85	348.31	290.46	62.17	335.70	273.53	100.27	361.20	260.93	123.94	296.25	172.30	62.61	112.49	49.87	87.59	45.47	42.12	84.35	43.85	40.50	91.79	42.64	49.15	47.17	58.27	11.11	11.90	81.36	69.45	11.67	84.80	73.12	2,007,664	5,246,785	3,239,122
1985	19.65	124.90	105.25	27.27	127.63	100.35	37.54	149.47	111.93	77.12	188.49	111.37	68.79	186.05	117.26	58.70	68.16	9.46	91.14	28.67	62.47	115.94	22.33	93.60	112.40	39.87	72.53	43.13	51.28	8.15	22.24	136.71	114.47	19.75	130.71	110.96	1,797,994	3,251,046	1,453,052
1986	23.75	160.69	136.94	81.33	420.84	339.51	78.64	386.94	308.30	91.98	263.44	171.47	79.76	218.90	139.14	65.18	146.78	81.60	67.73	109.13	41.40	121.87	76.88	45.00	116.40	77.74	38.66	50.77	102.86	52.09	12.46	75.34	62.88	8.99	64.21	55.22	2,070,627	5,452,946	3,382,319
1987	13.68	92.69	79.01	30.90	172.69	141.80	34.54	164.84	130.29	102.48	442.78	340.30	95.17	203.64	108.47	61.82	129.13	67.31	95.25	50.39	44.87	100.64	37.90	62.74	108.03	70.28	37.76	16.72	59.67	42.95	10.88	73.05	62.17	12.82	91.42	78.60	1,770,155	4,117,319	2,347,164
1988	9.34	53.03	43.69	14.72	71.98	57.26	25.94	99.93	73.99	72.23	122.76	50.53	82.15	94.50	12.35	48.42																							

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
TRESKA RIVER BASIN - B2-1

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	0.59	7.15	6.56	0.73	6.81	6.08	1.56	14.36	12.80	1.86	12.30	10.44	2.20	15.75	13.55	0.98	7.21	6.23	0.96	2.42	1.46	1.72	1.22	0.49	1.63	1.32	0.31	0.58	1.95	1.36	0.39	5.09	4.70	0.26	3.85	3.59	34,840	205,853	171,013
1962	0.31	4.38	4.07	0.45	5.89	5.44	2.46	25.52	23.06	3.28	28.43	25.14	2.59	13.62	11.03	0.85	6.54	5.68	1.02	2.75	1.73	1.66	1.51	0.14	1.53	1.86	0.33	0.71	4.25	3.54	3.30	34.29	31.00	2.68	28.06	25.38	54,016	407,202	353,186
1963	4.93	50.55	45.62	5.29	54.30	49.00	3.65	37.36	33.70	4.33	38.51	34.18	4.11	36.79	32.69	2.61	23.09	20.48	1.66	10.91	9.25	2.01	5.69	3.68	1.71	6.20	4.49	1.29	11.29	10.00	1.05	11.38	10.34	2.31	24.35	22.04	90,568	804,600	714,032
1964	0.78	8.92	8.14	0.76	7.97	7.21	1.87	18.31	16.44	2.48	17.77	15.29	1.41	12.58	11.17	1.03	8.55	7.52	0.94	4.41	3.47	1.41	3.35	1.95	1.18	3.97	2.79	0.68	5.27	4.59	1.73	18.50	16.77	1.84	19.66	17.82	41,782	335,058	293,276
1965	1.59	17.20	15.61	0.91	10.43	9.52	4.04	39.36	35.31	4.47	38.56	34.09	3.91	30.43	26.51	1.42	11.05	9.62	1.42	4.96	3.54	1.80	4.59	2.79	2.00	3.75	1.75	1.09	3.67	2.59	0.43	5.67	5.23	1.46	15.84	14.38	63,625	480,821	417,197
1966	2.14	22.69	20.55	3.56	35.73	32.17	1.78	17.92	16.14	2.68	20.44	17.76	2.43	15.34	12.91	0.92	6.58	5.67	0.99	3.97	2.98	1.69	3.14	1.44	1.60	3.65	2.05	0.74	3.93	3.20	0.89	10.20	9.31	1.77	18.93	17.16	54,876	421,240	366,365
1967	1.14	12.48	11.34	0.89	8.65	7.77	1.66	16.23	14.57	2.83	23.11	20.28	2.73	23.03	20.30	1.09	9.46	8.37	0.82	7.31	6.49	1.83	4.11	2.28	1.42	3.14	1.71	0.62	2.73	2.11	0.17	2.92	2.75	0.46	5.89	5.43	40,576	308,570	267,994
1968	0.71	8.36	7.65	1.46	15.55	14.09	1.09	9.58	8.49	2.12	13.39	11.27	1.39	8.58	7.19	1.44	13.69	12.25	1.34	4.16	2.82	1.39	3.41	2.02	1.51	3.07	1.57	0.84	2.78	1.94	0.20	3.35	3.15	0.29	4.20	3.91	35,723	233,605	197,882
1969	0.36	4.88	4.52	1.22	13.54	12.32	2.48	25.65	23.17	3.21	27.55	24.34	3.31	21.25	17.94	1.07	7.04	5.97	1.01	3.60	2.59	1.53	3.08	1.55	1.55	3.17	1.61	0.98	2.65	1.67	0.24	3.09	2.85	1.16	12.82	11.66	46,962	332,604	285,642
1970	2.20	23.30	21.10	2.03	21.52	19.48	2.58	26.45	23.87	4.30	36.55	32.24	2.26	17.37	15.11	1.24	11.52	10.28	1.15	7.12	5.96	1.84	2.99	1.15	1.85	3.19	1.34	0.45	4.41	3.96	0.35	4.88	4.52	0.48	5.89	5.41	53,779	428,156	374,377
1971	1.63	17.60	15.97	0.80	9.28	8.48	2.21	22.72	20.52	3.37	27.20	23.83	2.39	14.35	11.96	1.02	7.00	5.98	0.86	3.11	2.25	1.42	2.53	1.10	0.93	3.61	2.68	0.76	2.86	2.09	0.28	3.43	3.16	0.41	5.33	4.92	41,691	308,484	266,793
1972	0.63	7.60	6.97	1.38	15.20	13.81	2.26	22.01	19.74	2.26	21.75	19.49	2.01	11.38	9.37	0.91	5.53	4.62	0.78	4.86	4.09	1.05	2.73	1.68	1.41	3.68	2.27	0.91	10.58	9.67	0.84	9.33	8.49	0.64	7.40	6.76	39,116	316,344	277,228
1973	0.44	5.70	5.26	1.35	14.57	13.22	1.64	16.79	15.16	4.28	36.27	31.99	3.50	24.78	21.29	0.96	5.99	5.02	1.17	7.69	6.52	1.25	3.45	2.21	2.11	4.64	2.53	1.09	3.75	2.66	0.41	4.49	4.08	1.40	14.74	13.34	50,786	370,322	319,536
1974	1.51	16.38	14.87	2.31	24.43	22.12	2.15	21.12	18.97	2.95	25.16	22.21	3.65	30.48	26.82	1.23	10.27	9.04	1.26	3.41	2.15	1.58	2.68	1.10	1.71	2.80	1.09	0.94	6.91	5.98	1.03	11.42	10.39	0.62	7.48	6.86	54,233	421,290	367,058
1975	0.49	5.85	5.36	0.38	4.86	4.48	0.82	8.49	7.67	2.31	18.25	15.95	1.67	10.45	8.78	0.72	5.81	5.09	0.66	2.79	2.14	1.44	1.78	0.34	1.60	2.08	0.48	0.65	5.08	4.43	0.49	6.26	5.77	0.77	8.86	8.09	31,083	208,804	177,721
1976	0.47	5.85	5.38	0.74	7.60	6.86	1.13	9.70	8.58	1.97	15.28	13.31	1.92	14.63	12.72	1.16	11.94	10.78	0.93	7.17	6.24	1.29	3.53	2.24	1.77	2.98	1.21	0.48	3.97	3.49	1.27	13.18	11.90	2.20	22.72	20.52	39,742	307,314	267,572
1977	0.98	11.09	10.11	3.20	32.24	29.03	1.39	12.69	11.30	1.82	11.48	9.65	1.47	6.72	5.25	0.76	4.26	3.51	0.98	2.24	1.25	1.42	2.29	0.87	1.13	2.33	1.20	0.90	2.63	1.73	0.39	5.27	4.88	0.51	6.39	5.88	38,805	258,198	219,394
1978	0.43	5.61	5.18	1.65	17.02	15.37	2.40	24.91	22.51	2.73	24.27	21.55	3.04	24.26	21.22	1.33	9.43	8.10	1.38	4.70	3.32	1.74	3.23	1.49	0.82	3.89	3.07	0.82	2.93	2.11	0.24	2.96	2.73	0.63	7.59	6.96	44,578	339,088	294,510
1979	1.90	20.27	18.37	2.70	27.20	24.50	1.13	9.91	8.78	2.97	26.93	23.96	2.68	24.91	22.23	1.44	12.01	10.57	1.32	4.74	3.42	0.92	3.32	2.40	1.54	3.65	2.12	0.22	3.29	3.07	2.75	28.79	26.04	1.13	12.57	11.44	53,623	460,293	406,671
1980	1.58	17.07	15.49	1.84	18.63	16.79	1.84	19.26	17.41	2.50	19.37	16.87	4.23	38.76	34.53	1.79	14.56	12.76	1.44	5.32	3.88	1.83	4.07	2.24	1.80	3.77	1.97	0.85	6.38	5.53	0.93	10.66	9.72	1.40	15.30	13.90	57,128	448,774	391,646
1981	0.72	8.48	7.76	1.15	12.83	11.69	3.19	30.06	26.87	2.78	23.83	21.05	2.49	15.46	12.97	0.91	7.51	6.60	0.91	4.04	3.13	1.11	3.38	2.27	1.38	3.55	2.17	1.03	10.69	9.66	0.79	9.21	8.42	2.29	24.13	21.85	48,556	397,014	348,458
1982	1.98	20.97	19.00	0.79	8.24	7.44	1.47	14.64	13.17	2.75	27.60	24.85	2.16	16.12	13.96	1.03	7.16	6.13	1.12	3.33	2.21	1.07	3.02	1.95	1.30	3.09	1.79	0.41	3.26	2.85	0.31	4.07	3.76	1.29	14.14	12.85	40,616	325,642	285,026
1983	0.51	6.33	5.82	1.07	11.68	10.61	1.33	11.22	9.89	2.14	14.49	12.35	1.46	7.87	6.42	0.99	9.64	8.65	0.99	8.02	7.03	1.64	3.49	1.84	1.11	4.33	3.22	0.88	3.55	2.67	0.47	6.07	5.59	1.15	12.79	11.64	35,662	257,873	222,212
1984	1.61	17.26	15.66	1.69	18.25	16.56	2.06	20.18	18.13	3.43	30.72	27.29	4.20	29.39	25.20	0.88	7.22	6.34	1.10	3.87	2.77	1.01	4.00	2.99	1.64	4.37	2.73	1.01	3.68	2.67	0.46	5.55	5.09	0.24	3.48	3.24	50,082	383,586	333,504
1985	1.29	14.21	12.91	1.50	14.81	13.30	2.10	20.72	18.62	2.88	25.22	22.34	2.37	19.35	16.99	0.93	6.80	5.87	1.10	2.88	1.78	1.73	1.57	0.16	1.66	2.39	0.73	0.80	2.72	1.92	2.01	21.42	19.41	0.96	10.71	9.75	50,076	370,137	320,061
1986	1.75	18.80	17.05	4.38	42.81	38.43	4.29	42.88	38.59	3.63	27.73	24.10	2.57	23.22	20.65	1.49	13.57	12.08	1.16	8.81	7.65	2.01	4.40	2.40	1.95	3.63	1.69	0.89	3.39	2.50	0.28	3.58	3.31	0.20	3.14	2.94	63,770	507,940	444,170
1987	1.11	12.38	11.27	1.64	17.79	16.15	1.39	15.37	13.99	3.04	25.89	22.85	2.64	16.12	13.48	0.90	7.55	6.65	1.17	4.35	3.18	1.71	2.53	0.81	1.59	2.02	0.43	0.21	3.15	2.94	0.24	3.70	3.46	0.51	6.34	5.82	41,839	303,745	261,906
1988	0.31	4.34	4.03	0.45	5.48	5.03	0.79	8.55	7.75	1.76	10.60	8.84	2.00	8.01	6.01	0.50	3.63	3.13	1.00	1.46	0.45	1.72	1.26	0.46	1.33	1.83	0.50	0.46	2.22	1.76	0.36	4.91	4.55	0.88	10.08	9.19	29,984	161,610	131,626
1989	0.37	4.50	4.14	0.49	5.76	5.27	1.47	14.12	12.65	1.39	7.27	5.88	1.42	10.40	8.98	0.81	6.03	5.22	0.67	4.98	4.30	1.70	2.76	1.05	1.42	2.71	1.30	0.70	6.44	5.74	0.47	5.90	5.43	0.61	7.23	6.62	29,873	202,491	172,618
1990	0.42	5.06	4.64	0.43	5.27	4.84	0.72	4.98	4.25	1.38	9.05	7.67	1.51	5.98	4.47	0.74	3.75	3.01	0.82	1.98	1.15	1.16	1.50	0.34	1.30	2.09	0.79	0.80	2.36	1.55	0.16	2.94	2.78	0.80	9.25	8.45	26,555	140,452	113,897
1991	0.59	7.15	6.57	0.82	9.59	8.77	2.66	25.10	22.44	2.56	24.99	22.43	3.00	23.25	20.25	1.33	9.50	8.17	0.80	4.28	3.47	0.88	3.25	2.36	1.13	2.62	1.49	0.92	3.77										

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
TRESKA RIVER BASIN - B2-2

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	0.54	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	157,226	141,503
1992	0																																						

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
TRESKA RIVER BASIN - B2-3

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	0.81	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	3.56</																																				

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
TRESKA RIVER BASIN - B2

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	1.93	20.62	18.69	1.67	16.20	14.53	4.58	44.56	39.98	9.11	84.87	75.75	4.92	42.97	38.05	2.50	22.41	19.91	1.82	11.07	9.25	2.31	7.16	4.85	2.13	6.34	4.20	1.06	6.68	5.63	1.33	14.51	13.17	1.07	12.01	10.94	89,266	750,106	660,840
1962	1.15	12.79	11.64	1.43	15.70	14.27	7.12	72.16	65.04	8.21	77.67	69.46	5.31	40.85	35.54	2.50	23.00	20.50	1.88	11.34	9.46	2.22	7.13	4.91	2.04	6.95	4.92	1.99	17.02	15.03	9.91	100.40	90.50	7.87	79.94	72.07	133,815	1,205,193	1,071,378
1963	12.01	121.33	109.33	12.33	124.62	112.29	11.40	114.81	103.41	10.22	97.45	87.23	9.72	92.97	83.24	6.31	60.01	53.71	2.93	23.61	20.69	3.01	15.70	12.68	2.67	15.79	13.12	2.69	25.28	22.59	2.17	22.68	20.50	4.87	49.95	45.08	208,188	1,980,799	1,772,611
1964	2.55	26.61	24.06	2.06	20.95	18.89	3.67	36.28	32.61	4.31	36.07	31.76	3.76	36.02	32.27	2.60	24.30	21.69	2.36	18.65	16.28	2.43	13.55	11.13	1.89	10.99	9.11	1.61	14.59	12.98	3.56	36.73	33.17	3.28	34.06	30.78	88,319	800,433	712,113
1965	3.14	32.71	29.57	2.37	25.10	22.73	6.22	61.11	54.89	7.00	63.83	56.83	7.97	71.02	63.04	3.98	36.61	32.63	2.19	12.65	10.46	2.40	10.60	8.20	2.46	8.35	5.88	1.50	7.79	6.30	1.07	12.00	10.93	2.62	27.44	24.82	111,241	956,981	845,741
1966	3.85	39.74	35.89	5.70	57.11	51.41	3.80	38.17	34.37	5.32	46.87	41.55	5.22	43.23	38.01	3.41	31.57	28.16	1.99	13.98	11.99	2.02	6.35	4.34	1.84	6.03	4.19	1.19	8.46	7.26	2.22	23.54	21.32	4.23	43.61	39.38	105,717	929,658	823,941
1967	2.69	27.98	25.28	2.02	20.04	18.02	3.98	39.50	35.52	5.42	49.07	43.65	5.93	55.06	49.13	2.33	21.87	19.54	2.05	19.54	17.49	2.35	9.25	6.91	1.99	8.83	6.84	1.13	7.85	6.72	0.87	9.95	9.08	1.41	15.34	13.94	83,407	736,883	653,476
1968	2.05	21.81	19.75	3.13	32.28	29.15	2.70	25.65	22.95	4.26	34.86	30.60	3.34	28.10	24.76	3.48	34.09	30.61	2.11	11.88	9.77	1.80	7.48	5.68	2.07	8.71	6.64	1.33	7.70	6.36	0.94	10.73	9.79	1.15	12.77	11.62	73,550	611,875	538,325
1969	1.31	14.41	13.10	3.23	33.63	30.40	6.14	62.21	56.07	7.16	67.10	59.94	7.71	65.26	57.55	2.33	19.68	17.35	1.73	10.78	9.06	1.94	7.13	5.19	1.99	7.57	5.58	1.38	6.61	5.23	0.60	6.71	6.11	2.70	28.27	25.57	99,076	853,738	754,662
1970	5.08	52.13	47.04	4.22	43.38	39.16	6.48	65.42	58.95	8.53	78.77	70.25	4.72	41.94	37.22	2.91	28.17	25.26	2.23	17.89	15.65	2.39	8.47	6.08	2.41	8.84	6.43	0.83	8.24	7.41	0.89	10.20	9.31	1.12	12.32	11.19	108,360	973,973	865,612
1971	4.05	41.75	37.70	2.01	21.40	19.39	4.08	41.47	37.38	6.05	54.01	47.96	5.08	41.22	36.14	2.77	24.47	21.70	1.66	11.07	9.42	1.97	8.02	6.05	1.64	10.68	9.04	1.61	11.30	9.69	0.84	9.09	8.25	0.85	9.74	8.88	84,509	736,664	652,155
1972	1.23	13.61	12.38	2.43	25.66	23.23	3.62	35.58	31.96	4.78	46.96	42.18	3.48	26.11	22.63	1.78	14.18	12.40	1.59	12.96	11.37	1.70	9.18	7.48	2.27	12.29	10.02	2.44	25.87	23.43	2.27	23.61	21.34	1.87	19.70	17.83	76,351	688,699	612,348
1973	1.55	16.76	15.21	2.86	29.60	26.74	3.06	31.00	27.94	6.48	58.21	51.73	6.15	51.28	45.13	2.35	19.89	17.53	1.64	12.38	10.75	2.04	11.44	9.40	3.90	22.51	18.61	2.21	14.94	12.73	1.53	15.72	14.19	3.51	35.89	32.38	96,598	828,440	731,842
1974	3.07	31.94	28.87	4.37	45.03	40.66	4.46	44.25	39.79	5.05	46.19	41.14	7.39	67.90	60.51	3.80	35.91	32.11	2.48	15.65	13.17	2.26	9.51	7.25	2.57	11.39	8.83	2.01	17.64	15.63	2.18	22.92	20.74	1.71	18.34	16.63	107,143	950,390	843,248
1975	1.32	14.17	12.84	0.90	10.04	9.14	2.18	22.11	19.93	4.54	40.61	36.07	4.50	38.75	34.25	2.18	20.41	18.23	1.43	10.57	9.13	1.95	6.90	4.96	2.07	6.81	4.74	1.46	13.11	11.65	1.11	12.48	11.36	1.60	17.24	15.64	65,461	552,584	487,122
1976	1.41	15.23	13.82	1.77	17.93	16.15	2.58	24.26	21.68	3.48	30.37	26.89	4.23	37.77	33.54	3.20	32.37	29.17	2.00	17.85	15.85	1.97	10.39	8.42	2.44	9.67	7.23	1.19	11.08	9.89	2.94	29.84	26.90	5.68	57.60	51.92	85,310	762,992	677,682
1977	2.56	26.87	24.31	5.92	59.43	53.51	3.30	31.79	28.49	3.69	30.13	26.44	2.96	21.61	18.65	1.64	13.07	11.43	1.47	7.12	5.65	1.84	6.51	4.66	1.63	7.39	5.76	1.53	8.88	7.35	1.19	13.20	12.01	1.44	15.65	14.22	75,619	626,341	550,722
1978	1.21	13.37	12.17	3.42	34.78	31.36	4.56	46.54	41.98	6.52	62.25	55.73	8.08	74.73	66.65	3.12	27.29	24.17	2.10	11.94	9.83	2.23	8.13	5.91	1.56	11.28	9.72	1.34	8.11	6.78	0.77	8.26	7.49	1.57	16.94	15.37	94,553	838,835	744,282
1979	4.44	45.68	41.24	5.36	53.75	48.40	3.59	34.45	30.87	5.36	50.81	45.45	5.72	55.29	49.57	3.02	27.78	24.76	2.05	12.03	9.98	1.15	5.56	4.41	2.13	9.57	7.44	0.84	9.55	8.71	6.06	61.89	55.83	2.67	27.97	25.30	109,804	1,022,100	912,296
1980	3.32	34.46	31.14	3.48	34.95	31.48	4.26	43.43	39.17	4.81	42.47	37.66	8.36	80.01	71.66	4.43	40.97	36.54	2.38	14.73	12.35	2.42	9.98	7.56	2.12	6.94	4.82	1.73	15.18	13.45	2.32	24.55	22.23	3.21	33.41	30.20	111,031	987,805	876,774
1981	1.89	20.22	18.33	2.53	26.68	24.14	7.21	70.31	63.10	6.37	59.75	53.38	4.90	39.59	34.69	2.42	22.58	20.17	1.90	13.90	12.00	1.63	8.54	6.91	2.07	10.48	8.41	2.13	21.66	19.53	2.15	22.85	20.70	5.20	53.25	48.05	104,712	958,568	853,856
1982	3.89	40.15	36.25	2.15	21.82	19.67	3.18	31.69	28.51	5.23	52.42	47.19	4.36	38.15	33.79	2.26	19.48	17.22	1.73	9.44	7.72	1.72	9.55	7.83	1.96	9.62	7.66	0.97	8.87	7.90	0.89	9.89	9.00	2.38	25.04	22.66	79,621	715,693	636,072
1983	1.30	14.26	12.95	2.46	25.55	23.09	2.66	24.53	21.87	3.77	30.80	27.03	2.60	19.30	16.70	2.64	26.15	23.51	2.46	22.71	20.24	2.13	8.33	6.20	1.60	9.22	7.61	1.31	7.88	6.56	1.30	14.34	13.04	2.26	23.85	21.59	68,690	588,153	519,464
1984	3.38	35.02	31.64	3.45	35.86	32.41	4.58	45.35	40.77	7.33	69.73	62.39	8.42	71.67	63.24	2.35	21.90	19.55	1.79	10.72	8.93	1.69	10.81	9.12	2.17	9.62	7.45	1.50	8.56	7.07	1.08	11.77	10.68	1.36	14.65	13.30	101,315	895,917	794,602
1985	2.26	23.90	21.64	2.89	28.69	25.80	4.18	41.53	37.35	5.88	55.24	49.35	4.91	44.80	39.88	2.05	18.07	16.02	1.69	8.79	7.10	2.16	5.91	3.74	1.98	5.59	3.61	1.09	5.69	4.60	3.37	35.02	31.66	2.25	23.62	21.37	90,006	769,428	679,423
1986	3.62	37.52	33.90	8.74	86.47	77.72	8.32	83.18	74.86	7.43	65.73	58.30	6.32	60.73	54.41	3.55	34.18	30.63	2.42	21.41	18.98	2.78	12.16	9.38	2.47	8.89	6.42	1.43	8.79	7.36	0.90	9.80	8.91	0.88	9.90	9.02	126,706	1,137,298	1,010,592
1987	1.97	20.93	18.96	3.21	33.43	30.22	2.88	30.28	27.40	5.57	51.24	45.67	5.57	45.46	39.89	2.49	23.51	21.01	1.88	11.51	9.63	2.11	6.51	4.40	1.93	5.50	3.57	0.66	7.70	7.03	0.86	9.91	9.05	1.44	15.56	14.13	79,254	677,896	598,642
1988	0.95	10.74	9.79	1.14	12.35	11.21	2.05	21.06	19.01	3.83	31.30	27.47	3.66	24.58	20.93	1.19	10.57	9.38	1.46	5.96	4.51	2.12	5.28	3.15	1.62	4.73	3.11	0.74	5.09	4.35	0.78	9.13	8.35	1.84	19.65	17.81	55,408	415,849	360,441
1989	1.10	11.85	10.75	1.04	11.29	10.25	2.89	28.35	25.46	2.93	22.73	19.80	4.12	37.38	33.26	2.48	22.69	20.22	1.86	16.84	14.98	2.73	13.00	10.27	2.45	13.10	10.65	1.61	15.57	13.96	1.31	14.31	13.00	1.39	14.96	13.58	67,186	575,622	508,436
1990	1.07	11.55	10.48	1.06	11.53	10.48	1.25	10.26	9.01	2.49	20.19	17.70	2.61	16.96	14.35	1.27	9.04	7.77	1.09	4.68	3.59	1.45	4.39	2.94	1.60	5.06	3.46	1.12	5.54	4.41	0.61	7.48	6.86	1.21	13.38	12.17	43,629	311,196	

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
PCHINJA RIVER BASIN - B3-1

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	0.42	4.15	3.74	0.35	3.36	3.02	0.83	8.20	7.37	0.57	5.23	4.67	1.40	13.69	12.28	0.77	7.42	6.64	0.35	2.80	2.45	0.24	1.32	1.08	0.21	1.13	0.92	0.36	3.26	2.90	0.64	6.43	5.79	0.58	5.80	5.22	17,431	162,731	145,300
1962	0.55	5.46	4.92	0.57	5.65	5.08	1.92	19.18	17.26	1.10	10.68	9.58	0.33	2.63	2.31	0.20	1.78	1.58	0.23	1.57	1.35	0.21	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	17,917	168,798	150,882
1963	1.33	13.34	12.00	1.55	15.51	13.96	0.64	6.23	5.60	1.40	13.67	12.26	0.95	9.04	8.09	0.93	8.91	7.98	0.41	3.47	3.06	0.30	2.04	1.74	0.25	1.66	1.41	0.26	2.50	2.24	0.24	2.35	2.11	0.30	3.02	2.71	22,212	211,842	189,630
1964	0.63	6.31	5.68	0.72	7.14	6.41	0.61	5.96	5.35	0.49	4.59	4.10	1.03	9.88	8.86	0.72	6.77	6.05	0.49	4.44	3.95	0.19	0.95	0.76	0.15	1.00	0.85	0.14	1.40	1.26	0.52	5.23	4.71	0.55	5.48	4.93	16,207	153,344	137,137
1965	0.63	6.32	5.68	0.40	4.04	3.64	0.96	9.44	8.48	1.13	10.92	9.80	1.31	12.76	11.45	0.55	5.10	4.55	0.18	1.35	1.17	0.16	1.01	0.85	0.17	0.73	0.56	0.11	0.71	0.59	0.08	0.82	0.74	0.26	2.59	2.33	15,448	144,628	129,180
1966	0.93	9.34	8.40	1.44	14.31	12.87	0.79	7.81	7.02	1.26	12.16	10.90	0.79	7.27	6.48	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	19,762	186,303	166,541
1967	0.71	7.12	6.41	0.57	5.62	5.04	1.16	11.49	10.33	1.12	10.92	9.80	0.76	7.13	6.37	0.76	7.31	6.55	0.48	4.60	4.12	0.21	1.25	1.03	0.20	1.25	1.05	0.29	2.50	2.22	0.16	1.58	1.42	0.56	5.59	5.03	18,106	171,990	153,884
1968	0.38	3.83	3.45	0.73	7.26	6.53	0.76	7.43	6.66	0.48	4.35	3.87	0.26	2.29	2.03	0.33	3.18	2.85	0.15	0.68	0.53	0.21	1.42	1.21	0.20	1.16	0.96	0.16	1.22	1.06	0.21	2.08	1.87	0.25	2.55	2.29	10,699	97,059	86,359
1969	0.59	5.87	5.28	1.33	13.27	11.94	1.43	14.24	12.82	1.22	11.79	10.57	0.58	5.00	4.42	0.38	3.47	3.08	0.33	2.56	2.24	0.22	1.34	1.11	0.19	0.95	0.76	0.11	0.68	0.57	0.10	0.96	0.86	0.24	2.44	2.19	17,400	162,160	144,760
1970	0.63	6.31	5.68	0.72	7.17	6.46	1.23	12.14	10.90	0.79	7.48	6.69	1.00	9.59	8.59	0.61	5.79	5.18	0.88	8.41	7.53	0.36	2.55	2.19	0.30	2.09	1.79	0.33	3.26	2.93	0.37	3.62	3.26	0.51	5.15	4.63	20,044	190,681	170,637
1971	1.21	12.12	10.91	0.42	4.19	3.78	1.37	13.66	12.30	1.23	11.77	10.54	0.42	3.83	3.41	0.43	3.89	3.46	0.31	2.75	2.43	0.17	0.83	0.65	0.43	3.74	3.31	0.25	2.10	1.85	0.21	2.08	1.86	0.30	3.02	2.72	17,515	165,817	148,302
1972	0.22	2.21	1.99	0.38	3.79	3.41	0.41	3.89	3.48	0.37	3.43	3.06	0.46	4.03	3.57	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	12,703	119,772	107,069
1973	0.19	1.94	1.74	0.45	4.49	4.04	0.80	7.90	7.10	1.38	13.54	12.16	0.84	7.69	6.85	0.32	2.76	2.44	0.29	2.48	2.19	0.17	1.02	0.84	0.45	3.52	3.06	0.27	2.25	1.98	0.27	2.61	2.35	0.57	5.72	5.15	15,589	144,913	129,324
1974	0.60	5.98	5.38	1.26	12.56	11.30	1.05	10.34	9.29	0.82	7.91	7.09	1.39	13.74	12.35	0.97	9.59	8.62	0.45	3.74	3.30	0.22	1.25	1.02	0.25	1.89	1.64	0.27	2.49	2.22	0.34	3.36	3.02	0.21	2.06	1.85	20,270	194,144	173,874
1975	0.27	2.74	2.46	0.29	2.79	2.50	0.70	6.87	6.17	0.50	4.52	4.01	0.70	6.61	5.91	0.65	6.40	5.74	0.42	3.71	3.29	0.20	1.19	1.00	0.23	1.42	1.19	0.23	2.16	1.93	0.27	2.64	2.38	0.32	3.22	2.90	12,363	114,736	102,372
1976	0.29	2.94	2.65	0.40	3.97	3.57	0.43	4.08	3.65	0.93	8.86	7.93	0.76	7.27	6.52	0.69	6.53	5.85	0.61	5.85	5.24	0.49	4.06	3.57	0.34	2.43	2.09	0.59	5.55	4.97	1.20	11.95	10.75	1.29	12.88	11.59	20,772	197,954	177,182
1977	0.58	5.76	5.18	1.45	14.47	13.02	1.09	10.74	9.65	0.69	6.45	5.75	0.40	3.42	3.02	0.24	2.12	1.87	0.18	1.20	1.02	0.20	1.15	0.96	0.17	0.81	0.64	0.13	0.96	0.82	0.18	1.80	1.62	0.23	2.28	2.05	14,354	132,568	118,214
1978	0.32	3.23	2.90	0.67	6.63	5.96	0.80	7.90	7.10	0.99	9.62	8.63	0.81	7.60	6.79	0.45	4.00	3.55	0.19	1.21	1.01	0.16	0.63	0.47	0.21	1.56	1.35	0.15	1.11	0.96	0.10	0.98	0.87	0.28	2.84	2.56	13,319	122,566	109,247
1979	0.50	5.02	4.52	0.77	7.65	6.87	0.33	3.18	2.84	0.94	9.12	8.18	0.35	3.05	2.70	0.24	2.08	1.85	0.16	1.05	0.89	0.17	1.12	0.95	0.20	1.13	0.93	0.13	0.96	0.83	0.30	3.05	2.74	0.22	2.17	1.95	11,188	102,552	91,364
1980	0.36	3.56	3.21	0.47	4.62	4.15	0.87	8.60	7.73	0.78	7.33	6.55	1.55	15.16	13.62	0.68	6.47	5.79	0.22	1.51	1.29	0.19	1.07	0.88	0.15	0.75	0.60	0.21	1.85	1.64	0.23	2.34	2.11	0.35	3.51	3.16	15,730	147,186	131,457
1981	0.18	1.77	1.60	0.56	5.54	4.98	1.14	11.27	10.13	0.52	4.85	4.33	0.48	4.11	3.63	0.19	1.54	1.36	0.16	1.06	0.90	0.23	1.51	1.28	0.21	1.68	1.47	0.26	2.37	2.10	0.38	3.77	3.39	1.15	11.46	10.31	14,109	132,018	117,909
1982	0.69	6.89	6.20	0.30	2.93	2.63	0.75	7.31	6.56	1.30	12.80	11.51	1.08	10.34	9.26	0.24	1.94	1.70	0.19	1.34	1.15	0.20	1.08	0.87	0.16	0.64	0.48	0.11	0.80	0.69	0.14	1.37	1.23	0.19	1.90	1.71	13,888	127,910	114,022
1983	0.15	1.53	1.38	0.37	3.67	3.30	0.43	4.15	3.72	0.50	4.53	4.03	0.18	1.36	1.18	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	10,932	100,937	90,005
1984	0.23	2.27	2.04	0.82	8.19	7.37	1.19	11.83	10.64	1.32	12.86	11.55	0.48	4.08	3.61	0.18	1.43	1.24	0.14	0.69	0.55	0.15	0.83	0.68	0.15	0.76	0.61	0.12	0.80	0.68	0.12	1.12	1.01	0.09	0.94	0.84	12,903	118,748	105,845
1985	0.36	3.64	3.28	0.32	3.14	2.81	1.03	10.23	9.19	1.00	9.57	8.57	0.78	7.47	6.69	0.26	2.22	1.96	0.17	0.92	0.76	0.15	0.56	0.42	0.15	0.52	0.37	0.09	0.51	0.42	0.25	2.51	2.26	0.13	1.31	1.18	12,147	110,410	98,263
1986	0.32	3.20	2.88	1.15	11.32	10.17	1.03	10.14	9.12	0.49	4.54	4.05	0.42	3.76	3.34	0.27	2.25	1.99	0.21	1.75	1.54	0.15	0.60	0.45	0.16	0.65	0.49	0.10	0.64	0.54	0.07	0.62	0.56	0.06	0.61	0.55	11,457	103,938	92,481
1987	0.13	1.31	1.18	0.26	2.55	2.29	0.43	4.25	3.82	0.93	8.95	8.02	0.97	9.09	8.12	0.39	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	10,538	95,184	84,646
1988	0.19	1.93	1.73	0.24	2.31	2.08	0.55	5.34	4.79	0.76	7.21	6.45	0.28	2.26	1.98	0.28	2.48	2.20	0.19	1.21	1.02	0.15	0.45	0.31	0.16	0.61	0.45	0.13	0.96	0.83	0.18	1.76	1.58	0.31	3.07	2.76	8,846	76,710	67,864
1989	0.14	1.43	1.28	0.23	2.25	2.01	0.42	4.04	3.62	0.50	4.78	4.28	1.05	10.00	8.96	0.83	8.27	7.44	0.45	4.08	3.62	0.28	2.06	1.78	0.27	1.76	1.49	0.45	4.25	3.80	0.42	4.19	3.76	0.35	3.53	3.18	14,032	131,246	117,214
1990	0.26	2.63	2.37	0.28	2.69	2.41	0.34	3.19	2.85	0.46	4.33	3.87	0.45	3.82	3.38	0.24	1.99	1.75	0.16	0.86	0.70	0.13	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	7,088	59,046	51,958
1991	0.08	0.76	0.68	0.23	2.25	2.02	0.72	7.04	6.32	1.07	10.54	9.47	1.24	11.93	10.68	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	13,211	122,950	109,739
1992	0.16	1.61	1.45	0.19	1.76	1.57	0.48	4.63	4.15	1.20	11.83	10.63	0.3																										

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
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	0.31	2.32	2.02	0.53	3.95	3.42	0.93	5.11	4.19	1.10	8.26	7.16	0.74	3.53	2.79	0.99	1.56	0.57	1.22	0.64	0.58	1.07	0.67	0.39	0.44	1.11	0.66	0.31	3.07	2.76	0.39	3.98	3.59	21,574	96,720	75,145
1962	0.50	4.98	4.48	0.68	6.59	5.91	2.05	20.23	18.18	1.68	13.53	11.85	1.23	6.16	4.93	0.60	3.15	2.55	0.95	1.89	0.95	1.09	0.77	0.32	0.95	0.69	0.27	0.36	1.38	1.02	0.67	6.79	6.12	0.72	7.25	6.54	29,704	190,290	160,586
1963	1.32	13.27	11.95	1.51	15.21	13.70	0.94	8.31	7.37	1.92	15.75	13.83	1.57	11.40	9.83	1.23	8.39	7.16	1.08	4.14	3.06	1.28	2.28	1.00	1.11	2.68	1.57	0.53	4.00	3.47	0.39	3.66	3.27	0.51	5.20	4.69	34,719	244,412	209,693
1964	0.29	2.78	2.49	0.40	3.43	3.03	0.61	4.78	4.17	0.73	4.18	3.45	0.97	5.91	4.93	0.80	3.84	3.04	0.76	2.07	1.31	1.11	1.58	0.47	0.75	2.30	1.55	0.46	4.26	3.80	0.64	6.37	5.73	0.59	5.94	5.35	20,998	122,923	101,925
1965	0.78	7.93	7.15	0.56	5.58	5.02	0.89	7.44	6.55	1.25	9.14	7.89	1.40	10.45	9.05	1.00	5.66	4.66	0.85	3.13	2.27	0.81	1.14	0.33	1.10	0.89	0.21	0.55	1.25	0.70	0.16	1.74	1.58	0.31	3.19	2.88	25,082	149,165	124,083
1966	0.37	3.75	3.39	0.95	8.94	7.99	0.58	4.96	4.38	1.01	6.28	5.27	1.22	6.43	5.20	1.24	8.60	7.36	1.20	3.47	2.27	1.35	2.33	0.98	0.93	1.07	0.14	0.44	2.28	1.84	0.26	2.65	2.40	0.38	3.88	3.50	25,698	141,586	115,888
1967	0.39	3.84	3.45	0.43	3.61	3.17	0.65	5.20	4.55	0.91	6.34	5.42	0.96	5.03	4.07	0.62	3.11	2.50	0.66	3.93	3.28	1.12	2.13	1.02	0.89	1.14	0.24	0.48	1.48	1.00	0.15	1.52	1.38	0.18	1.91	1.73	19,282	101,706	82,424
1968	0.28	2.84	2.57	0.59	5.53	4.94	0.78	6.14	5.35	1.07	6.44	5.37	0.67	4.06	3.39	0.68	5.05	4.38	1.14	2.53	1.39	0.99	3.17	2.18	1.21	3.41	2.20	0.43	0.79	0.36	0.15	1.60	1.45	0.23	2.42	2.19	21,326	114,022	92,696
1969	0.38	3.92	3.54	0.93	9.36	8.44	1.19	11.69	10.50	1.28	9.58	8.30	1.59	8.03	6.44	0.79	3.57	2.78	1.03	2.45	1.42	1.04	1.38	0.33	1.10	1.34	0.25	0.51	0.82	0.31	0.12	0.93	0.81	0.23	2.36	2.14	26,419	143,701	117,282
1970	0.39	4.03	3.63	0.45	4.49	4.04	1.00	8.53	7.53	1.13	7.50	6.37	1.19	7.81	6.63	0.84	4.33	3.49	1.14	6.84	5.70	1.22	1.36	0.15	0.98	1.02	0.04	0.23	2.26	2.03	0.35	3.38	3.04	0.38	3.74	3.37	24,103	143,346	119,243
1971	0.37	3.73	3.37	0.35	3.57	3.22	0.87	8.82	7.94	1.46	9.97	8.51	0.91	4.74	3.84	0.64	2.16	1.52	0.53	1.10	0.56	0.95	0.37	0.59	0.71	0.90	0.20	0.43	0.66	0.23	0.11	0.86	0.74	0.09	0.96	0.87	19,241	98,094	78,854
1972	0.09	0.98	0.89	0.21	2.15	1.94	0.49	3.12	2.64	0.53	3.19	2.66	0.84	3.06	2.22	0.59	1.34	0.75	0.51	1.56	1.05	0.89	1.48	0.59	0.55	2.35	1.80	0.97	9.81	8.84	0.58	5.74	5.16	0.45	4.37	3.91	17,385	101,487	84,102
1973	0.52	5.23	4.72	0.83	8.12	7.29	1.06	10.21	9.15	1.91	16.82	14.90	1.68	9.95	8.27	0.93	3.72	2.79	0.77	3.10	2.33	0.97	2.34	1.37	1.44	3.83	2.39	0.87	4.38	3.52	0.51	4.73	4.22	0.79	7.72	6.93	31,861	207,794	175,933
1974	0.33	3.40	3.07	0.65	6.62	5.97	0.82	6.79	5.97	1.07	8.01	6.94	1.45	12.99	11.54	1.02	8.92	7.90	1.35	5.37	4.02	1.30	2.63	1.33	0.79	1.22	0.43	0.27	1.21	0.93	0.22	2.09	1.87	0.18	1.84	1.66	24,487	158,335	133,848
1975	0.23	2.19	1.95	0.20	1.44	1.24	0.82	7.12	6.31	1.00	5.42	4.41	1.16	7.95	6.79	0.86	6.96	6.10	0.81	3.41	2.61	0.93	0.95	0.01	1.09	1.96	0.86	0.42	2.87	2.45	0.35	3.35	3.01	0.42	4.04	3.62	21,469	123,488	102,019
1976	0.23	2.18	1.95	0.35	2.87	2.52	0.49	3.00	2.51	0.91	5.22	4.31	0.87	5.99	5.11	0.85	5.15	4.30	0.60	3.29	2.69	1.41	5.70	4.30	1.25	3.15	1.90	0.90	6.32	5.41	1.07	10.33	9.25	0.90	8.76	7.86	25,517	160,595	135,079
1977	0.65	6.53	5.87	0.83	7.87	7.04	0.81	6.57	5.76	1.05	6.00	4.95	1.02	5.13	4.10	0.60	2.80	2.20	0.79	1.66	0.88	0.90	0.99	0.10	1.07	0.84	0.23	0.47	1.19	0.72	0.18	1.69	1.51	0.14	1.46	1.32	22,061	110,747	88,686
1978	0.16	1.55	1.39	0.46	4.24	3.78	0.72	6.09	5.37	1.12	8.53	7.40	1.32	9.03	7.72	1.03	5.02	4.00	0.90	1.03	0.13	1.09	0.64	0.45	0.71	2.29	1.57	0.52	1.72	1.20	0.17	1.40	1.24	0.41	4.15	3.74	22,325	118,484	96,159
1979	0.64	6.38	5.74	0.79	7.26	6.47	0.50	3.49	2.98	1.30	10.24	8.94	0.90	4.71	3.81	0.60	2.24	1.63	0.74	1.08	0.34	0.75	1.58	0.83	0.98	1.29	0.31	0.42	1.45	1.03	0.52	5.29	4.77	0.38	3.83	3.44	22,088	126,572	104,484
1980	0.45	4.41	3.97	0.54	4.67	4.14	0.81	7.08	6.27	1.10	7.20	6.09	1.66	14.02	12.36	1.03	6.13	5.10	0.87	1.30	0.43	1.00	0.95	0.05	0.86	1.02	0.16	0.49	2.81	2.32	0.32	3.18	2.86	0.33	3.37	3.04	24,557	145,557	121,000
1981	0.29	2.92	2.63	0.48	4.73	4.25	1.36	12.26	10.90	1.02	7.15	6.13	1.21	5.28	4.07	0.59	2.30	1.71	0.71	1.79	1.08	0.96	1.56	0.59	0.65	2.28	1.63	0.48	2.44	1.96	0.44	4.48	4.04	1.02	10.28	9.26	23,859	148,943	125,084
1982	0.69	6.77	6.07	0.41	3.77	3.36	0.78	6.53	5.75	1.21	10.77	9.56	1.31	8.56	7.24	0.83	3.18	2.35	0.80	1.40	0.60	1.11	1.30	0.19	1.06	0.73	0.33	0.43	1.03	0.60	0.26	2.38	2.12	0.30	3.06	2.76	23,802	128,238	104,437
1983	0.25	2.46	2.21	0.38	3.37	2.99	0.49	3.43	2.94	0.89	4.90	4.01	0.63	2.52	1.89	0.53	4.34	3.81	0.85	4.94	4.10	1.11	2.00	0.89	0.79	1.93	1.14	0.48	1.24	0.76	0.16	1.65	1.49	0.28	2.70	2.43	17,686	91,965	74,279
1984	0.24	2.52	2.28	0.75	7.22	6.47	0.86	8.00	7.14	1.24	9.39	8.15	1.39	7.16	5.76	0.66	2.01	1.35	0.85	0.66	0.19	0.77	1.15	0.38	0.89	1.35	0.46	0.48	1.01	0.52	0.12	1.09	0.97	0.11	0.96	0.85	21,691	110,248	88,556
1985	0.20	1.98	1.78	0.35	2.89	2.54	0.74	6.79	6.05	0.94	5.80	4.86	0.83	5.29	4.47	0.63	2.12	1.49	0.89	0.67	0.21	1.00	0.35	0.65	1.06	0.57	0.49	0.41	0.66	0.25	0.20	2.14	1.93	0.18	1.75	1.57	19,262	80,421	61,160
1986	0.31	3.22	2.91	0.92	8.24	7.32	1.01	8.73	7.71	0.95	6.10	5.15	0.85	4.71	3.86	0.72	2.75	2.03	0.73	2.81	2.08	1.08	1.32	0.24	1.05	0.83	0.23	0.44	0.86	0.42	0.11	0.89	0.78	0.11	1.11	1.00	21,484	107,739	86,255
1987	0.17	1.77	1.60	0.30	2.54	2.24	0.49	4.50	4.00	1.31	10.12	8.81	1.45	9.24	7.80	0.79	3.57	2.78	0.96	0.98	0.02	0.81	0.50	0.31	0.97	0.70	0.27	0.19	0.90	0.70	0.16	1.49	1.33	0.17	1.65	1.48	20,160	98,393	78,233
1988	0.16	1.48	1.32	0.19	1.48	1.29	0.53	4.27	3.74	1.26	8.56	7.30	0.94	3.98	3.03	0.51	1.75	1.24	0.81	0.63	0.19	1.12	0.28	0.84	1.03	0.39	0.64	0.39	0.74	0.34	0.13	1.35	1.22	0.16	1.70	1.54	18,748	68,976	50,228
1989	0.15	1.23	1.08	0.20	1.44	1.24	0.48	2.99	2.52	0.60	3.99	3.39	1.12	6.60	5.48	0.80	7.52	6.72	1.01	5.40	4.39	1.01	1.82	0.81	1.18	1.91	0.72	0.52	2.79	2.27	0.36	3.58	3.21	0.25	2.50	2.25	19,948	108,274	88,327
1990	0.21	1.85	1.64	0.27	1.99	1.72	0.38	1.77	1.39	0.61	3.65	3.05	0.91	2.77	1.86	0.60	1.18	0.58	0.83	0.33	0.50	0.94	0.34	0.59	1.08	0.38	0.70	0.33	0.48	0.16	0.09	0.77	0.68	0.22	2.33	2.11	16,714	46,216	29,502
1991	0.14	1.40	1.27	0.33	2.89	2.56	0.57	4.57	4.00	0.96	8.21	7.25	1.68	12.08	10.40	1.18	6.89	5.71	0.61	2.45	1.84	1.05	1.61	0.56	0.88	0.87	0.01	0.53	2.13	1.60	0.32	3.33	3.01	0.23	2.16	1.94	21,942	125,973	104,031
1992	0.19	1.65	1.46	0.27	1.73	1.46	0.41	2.57	2.16	0.76	6.12	5.36	0.81	2.92	2.11	0.80	4.03	3.23																					

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
PCHINJA RIVER BASIN - B3-3

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	0.28	1.24	0.96	0.98	1.15	0.17	1.62	1.78	0.16	3.90	1.38	-2.53	3.06	3.27	0.20	3.25	1.40	-1.85	6.30	0.56	-5.74	8.91	0.33	-8.58	7.94	0.32	-7.61	3.12	0.47	-2.65	0.39	1.17	0.77	0.27	1.19	0.92	103,763	36,939	-66,824
1962	0.31	0.84	0.53	0.50	1.02	0.52	0.92	3.93	3.01	3.29	2.91	-0.38	5.58	1.14	-4.44	2.33	0.93	-1.40	5.97	0.57	-5.40	7.86	0.37	-7.49	7.17	0.32	-6.85	2.22	0.58	-1.64	0.35	1.83	1.48	0.35	1.95	1.60	95,546	42,465	-53,081
1963	0.45	2.95	2.49	0.57	3.93	3.36	1.48	2.23	0.74	3.39	2.79	-0.60	4.03	1.68	-2.35	3.57	1.60	-1.97	5.35	0.58	-4.77	8.26	0.39	-7.87	7.00	0.45	-6.55	1.42	0.59	-0.83	0.56	0.62	0.06	0.24	0.83	0.59	94,151	48,303	-45,848
1964	0.39	0.51	0.12	0.86	0.99	0.13	1.60	1.59	-0.01	3.01	1.55	-1.46	3.76	1.91	-1.85	3.72	1.37	-2.36	4.13	0.67	-3.45	7.61	0.39	-7.21	4.46	0.50	-3.96	0.60	0.76	0.17	0.41	1.33	0.92	0.29	1.40	1.10	79,940	33,629	-46,310
1965	0.33	1.77	1.44	0.36	1.08	0.72	1.75	2.33	0.58	3.30	2.23	-1.06	3.49	2.41	-1.07	3.46	0.96	-2.50	4.24	0.41	-3.83	5.57	0.35	-5.21	8.08	0.32	-7.76	3.91	0.33	-3.57	0.21	0.39	0.19	0.23	0.77	0.54	90,498	34,669	-55,829
1966	0.36	2.06	1.69	0.97	2.45	1.48	1.12	1.18	0.06	3.71	1.61	-2.09	5.29	1.14	-4.15	3.21	1.30	-1.91	6.46	0.37	-6.09	8.85	0.46	-8.39	6.59	0.31	-6.28	2.05	0.37	-1.68	0.24	0.68	0.44	0.27	1.16	0.89	101,369	33,909	-67,460
1967	0.39	1.25	0.86	1.01	1.09	0.08	1.57	1.60	0.04	2.91	1.64	-1.27	4.11	1.31	-2.79	2.62	0.88	-1.74	2.04	0.95	-1.09	7.61	0.39	-7.22	6.45	0.35	-6.10	3.11	0.38	-2.73	0.25	0.45	0.20	0.22	0.69	0.47	83,683	28,465	-55,218
1968	0.25	0.89	0.64	0.66	1.21	0.55	1.84	1.02	-0.81	3.74	0.84	-2.90	2.55	0.66	-1.89	1.66	0.78	-0.88	6.67	0.32	-6.35	5.60	0.37	-5.24	7.22	0.44	-6.78	3.33	0.39	-2.94	0.23	0.60	0.37	0.23	0.76	0.53	88,063	21,457	-66,605
1969	0.26	1.04	0.78	0.42	2.40	1.99	0.73	2.68	1.95	3.26	2.17	-1.09	6.67	1.12	-5.55	3.39	0.64	-2.76	6.04	0.51	-5.53	7.21	0.39	-6.82	7.83	0.37	-7.46	3.91	0.34	-3.57	0.54	0.42	-0.12	0.24	0.83	0.60	104,957	33,496	-71,461
1970	0.33	1.74	1.41	0.47	1.83	1.36	1.80	2.48	0.68	3.71	1.67	-2.04	3.82	1.78	-2.04	3.07	1.10	-1.98	3.38	1.22	-2.16	8.67	0.46	-8.21	7.26	0.50	-6.77	0.44	0.61	0.18	0.39	0.78	0.38	0.32	0.94	0.62	87,273	39,137	-48,136
1971	0.33	1.39	1.06	0.31	1.02	0.71	0.47	2.26	1.79	4.24	1.83	-2.41	3.81	0.90	-2.91	3.34	0.81	-2.53	3.34	0.44	-2.90	7.42	0.36	-7.07	5.12	0.57	-4.56	3.38	0.49	-2.89	0.54	0.44	-0.10	0.28	0.51	0.23	84,447	28,504	-55,943
1972	0.22	0.62	0.40	0.34	0.87	0.54	1.86	0.94	-0.92	2.21	0.82	-1.38	4.72	0.92	-3.31	3.74	0.47	-3.27	2.90	0.44	-2.46	5.97	0.37	-5.60	3.08	0.87	-2.21	0.44	2.13	1.69	0.45	1.04	0.59	0.42	0.86	0.44	68,306	26,843	-41,463
1973	0.25	0.58	0.33	0.53	1.01	0.48	0.80	1.59	0.79	2.56	2.53	-0.03	5.99	1.55	-4.44	4.20	0.72	-3.48	4.09	0.67	-3.41	5.98	0.47	-5.51	8.43	0.85	-7.58	3.94	0.63	-3.30	0.68	0.70	0.02	0.50	1.22	0.72	98,346	32,445	-65,900
1974	0.28	1.26	0.98	0.41	2.37	1.95	1.64	1.99	0.35	2.72	1.58	-1.14	1.79	2.57	0.77	1.67	1.96	0.30	6.33	0.88	-5.45	8.24	0.47	-7.77	5.20	0.57	-4.62	1.64	0.67	-0.97	0.40	0.82	0.42	0.21	0.60	0.39	79,149	40,837	-38,312
1975	0.41	0.72	0.30	0.83	0.73	-0.11	1.29	1.41	0.12	4.30	1.02	-3.29	3.38	1.37	-2.01	1.46	1.33	-0.13	4.04	0.88	-3.16	6.67	0.46	-6.21	7.37	0.50	-6.88	1.46	0.70	-0.77	0.42	0.74	0.31	0.38	0.84	0.45	83,025	27,671	-55,354
1976	0.36	0.60	0.24	0.89	1.34	0.45	1.99	0.76	-1.23	3.87	1.79	-2.08	2.86	2.02	-0.85	2.97	2.24	-0.73	2.44	0.92	-1.51	7.03	0.42	-6.61	7.82	0.24	-7.58	2.68	0.80	-1.88	0.82	2.14	1.32	0.63	2.56	1.93	89,087	41,036	-48,051
1977	0.32	0.95	0.62	0.77	1.60	0.83	1.73	1.39	-0.33	4.09	1.08	-3.01	4.54	0.94	-3.60	2.67	0.68	-1.99	5.01	0.42	-4.59	6.58	0.27	-6.31	7.97	0.28	-7.69	3.22	0.34	-2.88	0.39	0.36	-0.03	0.25	0.62	0.36	97,300	23,111	-74,188
1978	0.32	0.51	0.19	0.77	1.54	0.77	1.42	1.95	0.54	2.89	2.86	-0.03	4.14	2.38	-1.76	4.21	1.48	-2.73	6.05	0.27	-5.78	8.24	0.15	-8.09	4.52	0.40	-4.12	3.26	0.45	-2.81	0.54	0.42	-0.12	0.27	1.19	0.92	94,916	35,216	-59,701
1979	0.36	1.26	0.91	0.86	1.01	0.15	1.66	0.70	-0.96	2.73	1.35	-1.39	4.09	1.54	-2.55	2.79	0.73	-2.05	4.86	0.41	-4.46	5.06	0.36	-4.70	6.96	0.36	-6.60	2.64	0.46	-2.18	0.46	2.97	2.51	0.34	1.10	0.76	85,027	31,714	-53,314
1980	0.44	1.77	1.32	1.01	1.77	0.76	1.40	1.75	0.35	3.70	1.14	-2.56	2.96	3.37	0.41	3.72	2.11	-1.61	5.93	0.48	-5.45	7.09	0.28	-6.81	6.26	0.28	-5.98	2.15	0.68	-1.48	0.32	0.81	0.49	0.29	1.38	1.09	91,433	40,995	-50,438
1981	0.28	0.87	0.59	0.51	1.48	0.97	1.71	3.02	1.32	3.03	2.18	-0.85	5.97	0.70	-5.27	3.07	0.29	-2.78	4.23	0.23	-4.00	6.45	0.41	-6.04	3.78	0.58	-3.20	2.37	0.99	-1.38	0.33	1.62	1.29	0.45	2.92	2.47	83,361	39,583	-43,778
1982	0.51	1.69	1.19	0.67	1.32	0.64	1.65	2.78	1.13	1.67	1.93	0.26	4.31	1.58	-2.73	3.96	0.52	-3.45	5.11	0.32	-4.79	8.14	0.25	-7.89	8.13	0.37	-7.76	3.04	0.46	-2.58	0.49	0.61	0.12	0.23	0.71	0.48	98,238	32,493	-65,745
1983	0.30	0.36	0.06	0.69	0.76	0.07	1.54	0.64	-0.90	3.74	1.20	-2.54	3.46	0.67	-2.79	1.28	1.02	-0.26	2.99	0.66	-2.34	7.09	0.29	-6.80	5.04	0.46	-4.58	3.31	0.55	-2.76	0.23	0.63	0.40	0.38	1.17	0.78	77,879	21,746	-56,133
1984	0.31	1.53	1.22	0.75	2.49	1.74	1.04	2.19	1.15	3.07	2.84	-0.23	5.89	0.99	-4.90	3.53	0.51	-3.02	5.96	0.43	-5.52	5.62	0.56	-5.06	6.08	0.31	-5.77	3.50	0.29	-3.21	0.39	0.43	0.03	0.34	0.43	0.09	94,587	33,741	-60,846
1985	0.32	0.88	0.56	0.89	0.94	0.05	1.03	1.68	0.66	3.47	1.01	-1.46	2.89	0.82	-2.07	3.51	0.35	-3.16	6.41	0.21	-6.20	7.70	0.14	-7.55	7.96	0.12	-7.83	3.23	0.16	-3.07	0.25	0.78	0.53	0.28	0.47	0.20	98,273	19,621	-78,651
1986	0.28	1.19	0.91	1.43	3.84	2.41	1.66	2.13	0.48	3.22	0.77	-2.45	3.71	0.95	-2.76	3.39	0.61	-2.79	3.21	0.57	-2.63	7.71	0.29	-7.42	7.78	0.24	-7.55	3.28	0.30	-2.99	0.42	0.29	-0.12	0.26	0.34	0.08	94,210	29,880	-64,330
1987	0.21	0.50	0.29	0.81	1.25	0.44	0.80	1.58	0.79	3.00	1.88	-1.15	4.83	1.30	-3.54	3.62	0.67	-2.95	6.55	0.21	-6.34	6.09	0.11	-5.98	7.23	0.12	-7.11	1.24	0.28	-0.96	0.39	0.43	0.04	0.29	0.62	0.33	90,890	23,208	-67,682
1988	0.36	0.61	0.25	0.67	0.58	-0.09	1.27	0.83	-0.44	3.74	0.81	-2.93	4.94	0.53	-4.41	3.09	0.45	-2.64	5.72	0.25	-5.47	8.34	0.10	-8.25	7.95	0.10	-7.85	2.99	0.26	-2.73	0.22	0.48	0.26	0.21	0.54	0.33	102,376	14,345	-88,031
1989	0.49	0.38	-0.11	0.80	0.39	-0.41	1.86	0.94	-0.92	2.07	0.84	-1.23	4.22	1.71	-2.51	0.78	1.42	0.64	4.17	0.75	-3.42	6.58	0.27	-6.31	7.97	0.27	-7.70	2.34	0.36	-1.98	0.35	0.40	0.05	0.27	0.45	0.18	82,689	21,208	-61,481
1990	0.45	0.39	-0.06	0.96	0.51	-0.45	2.04	0.52	-1.52	2.47	0.55	-1.92	5.29	0.45	-4.35	3.79	0.23	-3.56	6.07	0.10	-5.97	7.18	0.07	-7.11	8.28	0.10	-8.18	2.68	0.15	-2.54	0.34	0.23	-0.11	0.20	0.41	0.22	103,017	9,606	-93,411
1991	0.25	0.54	0.29	0.67	0.98	0.31	1.34	1.21	-0.13	1.72	1.79	0.07	4.55	2.16	-2.49	3.85	1.15	-2.70	2.80	0.55	-2.25	7.26	0.49	-6.77	6.50	0.47	-6.03	2.98	0.53	-2.45	0.23	0.67	0.44	0.36	0.59	0.23	84,267	28,861	-55,406
1992	0.50	0.47	-0.03	1.10	0.51	-0.59	1.60	0.84	-0.76	1.84	2.64	0.80	4.49	0.78	-3.71	3.34	1.22	-2.13	6.17	0.74	-5.43	8.59	0.38	-8.21	7.03	0.38													

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
PCHINJA RIVER BASIN - B3

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	1.88	17.35	15.47	2.55	15.99	13.44	4.23	26.37	22.14	6.19	19.67	13.48	8.35	53.01	44.67	5.46	19.29	13.82	7.67	4.76	2.91	10.37	1.01	9.37	9.21	0.89	8.33	3.92	2.88	1.04	1.80	15.19	13.39	1.74	15.90	14.16	164,260	498,458	334,198
1962	1.36	9.23	7.87	1.85	12.54	10.69	6.93	63.77	56.84	8.08	47.18	39.11	7.75	16.04	8.29	3.77	12.31	8.54	7.29	5.50	1.80	9.20	1.81	7.39	8.32	0.76	7.55	2.93	5.29	2.35	2.95	27.94	24.99	3.17	30.19	27.03	164,888	602,836	437,948
1963	4.84	46.95	42.11	6.68	65.14	58.46	4.95	35.71	30.76	7.87	43.75	35.88	6.76	24.15	17.40	6.09	22.58	16.49	6.84	5.04	1.80	9.85	1.89	7.95	8.36	3.08	5.28	2.21	5.55	3.33	1.21	6.18	4.98	1.15	9.86	8.71	173,188	699,598	526,409
1964	1.32	2.64	1.32	2.22	11.59	9.37	3.94	23.50	19.56	5.53	23.21	17.68	6.82	28.30	21.48	5.93	18.89	12.96	5.42	6.39	0.97	8.90	2.27	6.63	5.41	4.28	1.13	1.48	9.22	7.74	2.16	18.77	16.61	2.14	19.95	17.81	132,864	438,066	305,202
1965	2.84	26.91	24.07	1.68	14.31	12.63	5.32	36.47	31.15	6.85	34.10	27.25	7.33	36.91	29.59	5.17	11.74	6.57	5.28	2.54	2.74	6.54	1.46	5.08	9.36	0.99	8.37	4.57	1.20	3.38	0.45	2.36	1.91	1.05	9.00	7.95	146,291	461,336	315,046
1966	3.28	31.29	28.02	4.49	37.05	32.56	2.58	14.93	12.35	6.14	21.68	15.55	7.42	14.28	6.86	5.20	17.47	12.26	7.86	1.72	6.14	10.49	3.54	6.95	7.66	0.71	6.95	2.62	1.85	0.77	1.04	6.41	5.37	1.69	15.46	13.76	156,725	431,303	274,578
1967	1.92	16.52	14.60	2.39	14.07	11.68	3.72	21.73	18.01	5.33	22.69	17.36	6.25	17.72	11.47	4.00	9.30	5.30	3.54	11.63	8.10	8.94	2.06	6.88	7.54	1.30	6.24	3.88	1.54	2.33	0.55	3.09	2.54	0.99	6.27	5.28	127,129	331,560	204,431
1968	1.22	10.74	9.52	2.14	15.69	13.54	3.39	12.06	8.67	5.29	9.61	4.33	3.55	6.98	3.43	2.75	8.94	6.19	7.96	0.97	6.99	6.81	1.58	5.23	8.63	3.12	5.52	3.93	2.12	1.80	0.76	5.89	5.13	1.02	8.72	7.70	122,974	223,982	101,008
1969	1.45	13.00	11.56	3.81	36.49	32.67	4.64	41.53	36.89	6.65	32.52	25.87	8.99	14.89	5.90	4.57	6.04	1.47	7.39	3.97	3.42	8.47	2.10	6.37	9.12	1.83	7.28	4.53	1.32	3.21	0.82	2.85	2.04	1.17	10.21	9.04	159,679	432,239	272,560
1970	2.77	26.24	23.46	3.06	27.76	24.69	5.55	38.35	32.79	6.41	24.49	18.08	6.66	25.76	19.09	4.81	14.04	9.23	5.51	15.52	10.02	10.25	3.04	7.21	8.67	3.87	4.79	1.00	5.68	4.68	1.19	8.68	7.49	1.42	11.26	9.84	148,562	530,567	382,005
1971	2.03	17.42	15.39	1.52	13.17	11.65	3.59	33.58	29.99	7.16	25.97	18.81	5.29	10.97	5.68	4.72	9.17	4.45	4.19	2.45	1.74	8.59	1.63	6.96	6.32	4.59	1.73	4.10	3.71	0.39	0.87	2.72	1.85	0.68	3.71	3.04	127,127	334,589	207,462
1972	0.76	6.14	5.38	1.29	10.47	9.17	3.13	11.76	8.62	3.35	9.68	6.33	6.35	11.25	4.91	4.58	3.88	0.70	3.59	2.95	0.64	7.03	1.78	5.24	4.38	10.35	5.97	3.34	31.17	27.83	1.71	13.41	11.71	1.39	10.42	9.03	106,009	319,512	213,503
1973	0.96	5.56	4.60	1.82	12.87	11.05	2.98	22.73	19.75	6.46	38.89	32.43	8.80	22.08	13.29	5.53	7.93	2.40	5.25	7.11	1.86	7.17	3.75	3.42	10.51	10.09	0.42	5.07	6.46	1.39	1.46	7.50	6.04	2.07	16.42	14.35	150,538	418,334	267,796
1974	1.86	17.16	15.29	3.77	36.06	32.29	4.56	29.66	25.10	5.13	22.70	17.57	5.65	39.47	33.82	4.56	29.40	24.84	8.28	10.72	2.44	9.79	3.58	0.98	6.41	5.43	0.98	2.46	7.14	4.68	1.29	9.63	8.34	0.74	5.91	5.17	141,265	562,082	420,818
1975	1.14	7.86	6.72	1.62	8.01	6.39	3.24	19.73	16.49	6.01	12.97	6.96	5.55	19.01	13.46	3.34	18.36	15.02	5.52	10.64	5.12	7.88	3.43	4.45	8.73	4.09	4.64	2.34	7.67	5.33	1.20	8.32	7.12	1.32	10.06	8.74	124,121	337,341	213,220
1976	1.05	7.43	6.38	1.78	9.16	7.39	3.07	9.43	6.36	5.91	17.87	11.96	4.54	15.56	11.02	4.63	14.90	10.27	3.94	12.89	8.95	9.02	11.12	2.09	9.49	6.58	2.91	4.72	17.19	12.47	3.63	29.74	26.11	3.75	33.23	29.48	143,926	479,774	335,847
1977	1.72	14.89	13.17	4.36	36.95	32.59	4.54	27.88	23.33	6.68	22.00	15.32	6.36	13.45	7.09	3.74	7.86	4.11	6.13	4.88	1.26	7.77	3.43	4.35	9.22	2.04	7.19	3.88	3.09	0.78	0.92	5.52	4.60	0.80	6.11	5.31	145,464	383,816	238,352
1978	0.91	6.26	5.35	1.98	12.85	10.87	3.08	17.33	14.25	5.40	24.99	19.59	6.60	22.42	15.82	5.73	10.15	4.42	7.15	2.21	4.94	9.49	1.24	4.25	5.57	5.53	0.05	3.95	3.36	0.85	3.17	2.32	1.23	10.81	9.58	134,634	311,862	177,228	
1979	1.83	16.03	14.19	3.20	23.76	20.56	2.60	8.44	5.84	5.41	25.10	19.69	5.37	9.47	4.09	3.67	5.41	1.74	5.76	2.08	3.68	6.04	3.51	2.53	8.20	3.48	4.72	3.21	3.14	0.07	1.88	17.20	15.32	1.01	7.40	6.39	124,927	324,081	199,154
1980	1.78	15.06	13.28	2.49	15.83	13.33	3.64	23.01	19.37	6.09	20.74	14.66	8.04	51.21	43.17	5.92	19.51	13.59	7.02	3.15	3.88	8.29	2.30	6.00	7.28	2.04	5.24	3.24	9.20	5.96	1.26	10.20	8.94	1.64	14.92	13.28	146,941	485,104	338,162
1981	0.98	7.89	6.92	2.40	20.24	17.84	4.85	33.00	28.16	4.66	14.99	10.34	7.92	12.58	4.67	4.08	6.40	2.33	5.21	4.26	0.95	7.71	4.06	3.65	5.30	11.14	5.84	3.31	7.81	4.50	2.03	18.68	16.65	4.36	42.14	37.78	136,797	474,859	338,063
1982	2.59	22.39	19.80	2.19	16.14	13.95	3.94	24.21	20.28	4.85	32.27	27.42	7.43	27.77	20.33	5.22	7.54	2.32	6.14	3.41	2.73	9.53	3.29	6.23	9.42	2.46	6.95	3.66	3.01	0.65	0.94	4.97	4.02	0.83	6.82	5.99	147,060	399,889	252,829
1983	0.82	5.51	4.69	1.90	12.41	10.51	2.46	7.25	4.79	5.19	9.34	4.14	4.26	1.04	3.22	2.90	15.00	12.10	5.33	20.21	14.88	8.57	5.15	3.42	6.24	5.95	0.29	4.08	4.39	0.31	0.83	6.76	5.93	1.83	15.57	13.74	115,150	281,450	166,300
1984	0.81	6.23	5.42	2.77	22.34	19.57	4.14	32.50	28.36	6.65	35.35	28.70	7.79	11.22	3.43	4.40	3.92	0.48	6.96	1.90	5.07	6.55	2.29	4.25	7.12	2.09	5.05	4.12	2.20	1.92	0.67	3.08	2.41	0.57	2.57	2.00	136,193	325,817	189,624
1985	1.22	9.67	8.45	1.89	10.23	8.34	4.52	35.91	31.38	6.11	23.44	17.33	5.11	19.72	14.61	4.46	5.11	0.65	7.60	3.18	4.42	8.84	0.54	8.30	9.17	0.96	8.21	3.76	1.44	2.31	1.15	9.90	8.76	1.05	8.20	7.15	142,244	332,578	190,335
1986	1.03	8.80	7.78	4.26	31.10	26.84	4.38	27.87	23.49	4.77	12.47	7.70	5.09	10.34	5.25	4.43	6.19	1.75	4.17	4.82	0.65	8.94	1.66	7.28	9.01	1.78	7.23	3.83	1.75	2.08	0.59	1.71	1.12	0.44	1.68	1.25	132,069	285,579	153,509
1987	0.66	5.12	4.46	1.86	11.16	9.30	2.42	17.29	14.87	6.34	30.74	24.41	7.76	24.84	17.08	4.87	7.46	2.59	7.74	2.69	5.04	7.07	1.64	5.44	8.38	1.76	6.63	1.57	2.34	0.77	0.89	4.88	4.00	0.78	5.55	4.76	130,490	299,321	168,832
1988	0.85	5.32	4.48	1.31	6.47	5.17	2.62	13.23	10.61	5.93	17.76	11.83	6.16	6.22	0.05	3.96	5.55	1.59	6.73	1.14	5.59	9.61	0.29	9.32	9.14	0.57	8.57	3.52	1.68	1.84	0.56	4.02	3.46	0.82	6.53	5.71	132,723	178,301	45,578
1989	0.80	3.18	2.39	1.25	3.53	2.27	2.76	7.74	4.98	3.38	11.49	8.10	8.46	39.08	30.61	3.39	26.90	23.52	5.91	13.00	7.09	7.90	4.13	3.76	9.43	3.52	5.92	3.73	11.39	7.66	1.27	9.48	8.21	0.93	7.00	6.07	127,581	363,995	236,415
1990	1.01	5.70	4.69	1.72	7.27	5.56	2.98	7.66	4.68	3.80	11.20	7.39	6.87	9.27	2.41	4.63	3.37	1.26	7.06	0.62	6.44	8.24	0.29	7.95	9.49	0.63	8.86	3.12	1.46	1.66	0.61	2.85	2.24	1.30	11.57	10.27	131,738	160,425	28,687
1991	0.66	4.67	4.02	1.86	12.42	10.56	2.98	16.36	13.38	4.35	26.48	22.13	8.15	32.95	24.80	5.79	15.23	9.44	3.64	4.90	1.26	8.56	3.77	4.29	7.66														

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
BREGALNICA RIVER BASIN - B4-1

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	0.22	2.25	2.03	0.24	2.09	1.85	0.31	2.67	2.36	0.58	3.25	2.67	0.63	5.30	4.68	1.51	3.36	1.85	2.70	1.52	1.18	2.72	0.88	1.84	1.97	0.87	1.10	0.20	1.28	1.08	0.27	2.77	2.50	0.28	2.89	2.60	30,203	75,549	45,346
1962	0.39	3.81	3.42	0.51	5.17	4.66	1.34	13.49	12.15	1.20	9.09	7.90	0.90	4.89	3.99	1.31	2.08	0.76	2.11	1.45	0.66	2.51	1.43	1.09	1.63	0.98	0.64	0.23	1.87	1.64	0.56	5.69	5.12	0.68	6.84	6.16	34,644	147,176	112,532
1963	1.97	19.71	17.75	3.68	36.84	33.16	2.14	21.18	19.05	2.53	21.10	18.56	1.10	7.08	5.97	1.35	6.36	5.00	1.60	0.52	1.08	2.26	0.14	2.12	1.16	0.40	0.77	0.20	1.52	1.32	0.15	1.55	1.40	0.31	3.20	2.89	47,850	309,989	262,139
1964	0.20	1.77	1.57	0.31	3.13	2.82	0.48	4.49	4.00	0.73	3.72	2.99	0.59	3.20	2.60	1.09	3.35	2.25	2.20	1.10	1.10	1.99	1.09	0.90	0.88	2.13	1.25	0.32	3.05	2.73	0.74	7.49	6.75	0.65	6.58	5.92	26,422	106,513	80,091
1965	1.02	10.22	9.21	0.51	5.15	4.64	1.37	13.00	11.63	1.33	11.23	9.90	1.32	8.76	7.43	1.85	2.63	0.78	1.67	0.51	1.17	1.55	0.45	1.09	1.96	0.53	1.43	0.18	0.53	0.35	0.07	0.76	0.69	0.19	2.00	1.81	33,761	144,562	110,801
1966	0.89	8.94	8.05	1.30	12.69	11.39	0.51	5.01	4.51	0.54	4.40	3.87	0.65	2.05	1.39	1.47	3.32	1.85	2.50	0.09	2.40	2.24	0.18	2.05	1.65	0.17	1.47	0.15	0.64	0.49	0.27	2.72	2.46	0.64	6.50	5.85	33,172	121,131	87,959
1967	0.49	4.93	4.44	0.43	4.06	3.64	0.61	5.65	5.04	0.52	4.47	3.95	1.04	3.27	2.23	1.24	2.52	1.29	1.64	2.15	0.51	1.19	0.81	0.57	1.31	1.52	0.21	0.21	1.24	1.03	0.14	1.41	1.28	0.23	2.37	2.14	23,429	89,196	65,767
1968	0.35	3.53	3.18	1.13	11.20	10.08	0.48	4.32	3.84	0.84	2.09	1.25	0.51	0.55	0.04	0.75	2.07	1.32	2.71	0.20	2.51	1.24	0.32	0.91	1.25	0.63	0.62	0.17	0.62	0.45	0.15	1.61	1.45	0.21	2.15	1.94	25,389	75,962	50,573
1969	0.51	5.15	4.65	0.89	9.01	8.11	0.85	8.33	7.48	0.67	4.82	4.14	1.48	2.85	1.37	1.68	0.94	0.74	2.31	0.65	1.66	2.02	0.96	1.06	1.71	2.83	1.12	0.38	2.38	2.00	0.07	0.73	0.66	0.35	3.52	3.17	33,467	109,311	75,844
1970	0.51	5.14	4.63	0.45	4.47	4.02	0.55	5.46	4.90	0.49	3.30	2.81	0.75	3.39	2.65	2.02	1.42	0.60	2.25	1.84	0.41	2.05	0.85	1.19	1.40	0.65	1.19	1.40	0.65	0.29	2.95	2.66	0.11	1.12	1.01	28,446	81,829	53,383	
1971	0.37	3.76	3.39	0.30	3.02	2.72	0.41	4.15	3.74	0.81	3.63	2.82	0.99	2.69	1.70	1.84	2.75	0.91	1.62	1.19	0.43	1.68	0.75	0.92	1.18	1.07	0.11	0.17	0.75	0.58	0.09	0.91	0.83	0.09	1.00	0.90	24,740	66,533	41,793
1972	0.13	1.33	1.20	0.20	2.08	1.88	0.24	1.77	1.53	0.31	2.29	1.97	0.97	2.81	1.84	1.27	0.94	0.33	1.24	0.82	0.42	1.63	0.72	0.91	0.25	2.48	2.22	0.88	8.88	8.00	0.25	2.42	2.17	0.16	1.70	1.54	19,520	73,175	53,655
1973	0.12	1.25	1.13	0.50	4.98	4.47	0.96	9.45	8.48	1.70	16.67	14.98	1.36	5.37	4.00	2.14	1.69	0.46	0.77	1.39	0.62	1.79	2.35	0.56	2.44	4.24	1.80	0.31	1.69	1.38	0.11	1.02	0.91	0.33	3.38	3.05	32,532	138,579	106,048
1974	0.32	3.21	2.90	0.63	6.38	5.75	0.91	8.76	7.85	0.80	5.28	4.48	1.14	8.71	7.57	0.71	5.38	4.67	2.41	1.77	0.63	2.19	1.19	0.99	1.90	1.70	0.21	0.11	1.08	0.97	0.13	1.35	1.22	0.12	1.24	1.12	29,465	119,401	89,936
1975	0.15	1.40	1.26	0.12	1.03	0.90	0.21	1.95	1.74	0.40	1.62	1.22	0.91	3.11	2.20	1.19	3.10	1.91	1.09	2.50	1.41	1.95	1.73	0.22	1.49	1.31	0.18	0.11	0.73	0.63	0.12	1.13	1.01	0.11	1.19	1.08	20,324	53,913	33,589
1976	0.13	1.22	1.09	0.18	1.51	1.33	0.21	1.48	1.27	0.29	2.54	2.26	0.76	6.25	5.48	1.58	4.90	3.32	1.49	6.92	5.42	1.50	3.54	2.04	1.23	1.24	0.00	0.22	1.64	1.42	1.06	10.55	9.48	1.32	13.21	11.90	25,861	142,548	116,687
1977	0.33	3.39	3.06	0.76	7.41	6.65	0.43	3.81	3.39	0.70	2.57	1.86	0.77	1.74	0.97	1.31	1.89	0.58	1.53	0.61	0.92	1.36	1.12	0.24	1.59	0.73	0.87	0.19	0.64	0.45	0.05	0.61	0.55	0.06	0.62	0.57	23,572	65,141	41,569
1978	0.10	1.02	0.93	0.30	3.09	2.79	0.36	3.45	3.09	0.67	5.43	4.76	0.41	3.50	3.10	1.97	3.54	1.57	2.55	0.34	2.21	2.02	1.60	0.41	0.17	1.11	0.94	0.20	0.88	0.68	0.12	1.11	0.99	0.35	3.59	3.24	23,902	74,312	50,410
1979	0.44	4.44	4.00	0.66	6.36	5.70	0.15	1.21	1.05	1.36	11.60	10.23	0.62	3.81	3.19	2.01	1.29	0.72	2.00	1.17	0.83	1.07	1.59	0.52	1.42	1.29	0.13	0.21	1.94	1.73	0.93	9.38	8.45	0.17	1.71	1.54	28,614	118,667	90,053
1980	0.38	3.85	3.47	0.55	5.13	4.58	0.60	5.81	5.21	0.68	5.67	4.99	2.83	27.70	24.88	1.53	5.25	3.72	1.83	1.10	0.73	2.14	0.55	1.59	1.26	0.70	0.56	0.63	5.87	5.23	0.43	4.37	3.94	1.22	12.22	11.00	36,483	202,721	166,237
1981	0.35	3.59	3.24	0.63	6.23	5.60	1.28	12.33	11.05	0.66	2.97	2.30	0.98	2.48	1.51	1.04	1.61	0.57	1.53	0.76	0.77	1.77	0.73	1.05	0.54	1.32	0.78	0.30	2.44	2.13	0.33	3.38	3.05	1.31	13.16	11.85	27,804	132,167	104,363
1982	0.55	5.40	4.85	0.22	2.10	1.88	0.68	6.20	5.52	0.92	8.80	7.87	1.26	9.25	7.99	1.82	1.70	0.12	1.95	0.80	1.15	1.42	1.23	0.20	1.43	1.18	0.25	0.15	0.74	0.59	0.20	1.89	1.69	0.48	4.81	4.33	28,687	114,216	85,529
1983	0.17	1.72	1.55	0.32	2.89	2.57	0.26	1.72	1.46	0.62	2.62	2.00	0.64	1.50	0.86	1.38	12.22	10.83	1.70	7.41	5.71	2.23	1.15	1.07	1.03	1.17	0.13	0.16	0.74	0.58	0.12	1.24	1.12	0.51	5.13	4.63	23,660	102,397	78,736
1984	0.40	4.07	3.67	0.78	7.86	7.08	1.23	12.35	11.12	1.22	8.50	7.28	1.07	3.24	2.17	1.69	0.70	0.99	2.35	0.37	1.98	1.04	1.63	0.59	1.52	0.65	0.87	0.17	0.45	0.28	0.07	0.60	0.53	0.05	0.53	0.48	30,023	106,145	76,122
1985	0.15	1.52	1.37	0.13	0.99	0.85	0.50	4.78	4.28	0.37	2.44	2.07	0.56	2.35	1.79	1.18	1.36	0.18	2.05	0.37	1.68	1.84	0.52	1.32	1.82	0.39	1.43	0.16	0.46	0.30	0.28	2.91	2.62	0.08	0.87	0.79	23,612	49,118	25,507
1986	0.16	1.70	1.54	1.59	15.38	13.80	1.12	10.63	9.51	0.62	2.97	2.35	0.51	3.43	2.92	1.93	1.85	0.08	2.14	1.05	1.10	1.64	0.55	1.09	1.81	0.62	1.19	0.18	0.63	0.46	0.06	0.68	0.62	0.06	0.69	0.63	30,666	104,198	73,532
1987	0.10	1.03	0.93	0.21	2.01	1.81	0.43	4.12	3.69	1.56	14.11	12.54	0.65	2.95	2.30	1.39	1.59	0.20	2.45	0.37	2.08	1.69	1.45	0.23	1.59	0.47	1.12	0.05	0.39	0.35	0.09	0.99	0.90	0.15	1.58	1.43	26,827	80,494	53,667
1988	0.09	0.79	0.70	0.14	1.35	1.21	0.33	3.26	2.93	0.61	2.91	2.31	0.49	1.54	1.04	0.58	1.37	0.79	2.32	0.76	1.56	2.68	0.57	2.11	1.85	0.58	1.27	0.14	0.36	0.22	0.10	1.05	0.95	0.16	1.70	1.53	24,600	42,066	17,466
1989	0.11	0.88	0.77	0.16	1.55	1.39	0.31	2.49	2.18	0.43	1.63	1.19	0.72	1.39	0.67	0.60	1.31	0.71	0.79	1.27	0.48	1.87	0.62	1.25	1.86	0.66	1.20	0.34	3.21	2.87	0.14	1.43	1.30	0.12	1.21	1.10	19,311	45,773	26,462
1990	0.15	1.29	1.14	0.25	2.29	2.04	0.23	1.58	1.35	0.26	2.30	2.04	1.25	2.13	0.88	1.51	0.57	0.95	2.29	0.14	2.14	1.92	0.39	1.53	1.84	0.24	1.60	0.07	0.24	0.17	0.02	0.24	0.22	0.02	0.23	0.22	25,426	30,194	4,768
1991	0.13	1.25	1.12	0.49	4.70	4.21	0.52	4.61	4.09	0.74	7.09	6.35	0.97	7.79	6.82	1.93	3.14	1.20	1.58	0.91	0.67	1.63	0.96	0.66	1.32	0.90	0.42	0.20	1.09	0.90	0.17	1.78	1.61	0.09	1.00	0.90	25,332	91,294	65,962
1992	0.08	0.74	0.66	0.11	0.75	0.64	0.16	0.72	0.56	0.62	5.45	4.83	0.89	1.49	0.60	1.21	1.27	0.06	2.17	0.49</																			

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
BREGALNICA RIVER BASIN - B4-2

Units: m³/sec

Units: 10³ m³

Year	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec		
	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net
1961	0.62	6.43	5.82	2.37	6.00	3.64	3.98	7.59	3.61	18.97	9.21	9.77	12.56	14.87	2.31	16.13	9.51	6.69	24.24	4.42	19.82	30.06	2.66	27.40	26.42	2.64	23.77	8.19	3.77	4.42	0.99	7.88	6.89	0.79	8.19	7.40
1962	1.27	10.74	9.47	1.98	14.50	12.51	4.61	37.46	32.85	18.03	25.33	7.30	21.44	13.72	7.72	12.03	5.96	6.07	23.22	4.23	18.99	26.98	4.16	22.82	24.00	2.94	21.06	5.67	5.40	0.27	1.56	15.92	14.36	1.88	19.10	17.22
1963	5.44	54.65	49.21	10.16	101.93	91.76	8.64	58.70	50.07	21.47	58.47	37.00	16.61	19.76	3.15	17.74	17.78	0.04	21.18	1.67	19.51	27.96	0.61	27.35	23.17	1.32	21.85	3.44	4.42	0.97	1.21	4.49	3.29	0.88	9.07	8.19
1964	0.93	5.10	4.17	2.43	8.86	6.43	4.38	12.61	8.23	16.11	10.49	5.62	14.64	9.05	5.59	17.79	9.47	8.32	17.33	3.27	14.06	26.00	3.24	22.76	15.85	6.12	9.74	1.73	8.66	6.93	2.29	20.91	18.62	1.81	18.38	16.57
1965	2.82	28.45	25.63	1.64	14.43	12.80	6.95	36.12	29.17	19.06	31.23	12.18	15.18	24.39	9.22	16.49	7.49	9.00	17.29	1.63	15.67	19.48	1.48	17.99	26.76	1.69	25.07	10.00	1.68	3.32	0.20	2.33	2.12	0.55	5.76	5.21
1966	2.46	24.91	22.44	5.06	35.26	30.20	3.40	14.07	10.67	18.84	12.39	6.45	19.66	5.88	13.78	15.04	9.39	5.65	24.51	0.49	24.02	29.75	0.73	29.02	21.88	0.70	21.18	4.88	2.00	2.89	0.75	7.75	7.00	1.79	18.17	16.38
1967	1.69	13.83	12.14	3.13	11.44	8.31	4.59	15.83	11.25	16.30	12.56	3.73	16.10	9.24	6.86	13.79	7.19	6.60	10.62	6.17	4.45	26.25	2.47	23.77	21.81	4.43	17.39	8.18	3.64	4.53	0.49	4.13	3.63	0.65	6.76	6.11
1968	0.97	9.97	9.00	3.99	31.16	27.17	5.11	12.16	7.05	18.42	6.01	12.42	9.82	1.75	8.07	10.13	5.94	4.19	25.10	0.79	24.31	19.77	1.11	18.65	24.12	1.97	22.14	8.67	1.94	6.73	0.44	4.66	4.23	0.59	6.15	5.57
1969	1.42	14.46	13.04	2.48	25.09	22.62	3.07	23.22	20.15	17.07	13.52	3.55	24.54	8.08	16.45	16.02	2.82	13.20	23.33	2.03	21.29	24.84	2.89	21.96	26.51	8.04	18.47	10.51	6.79	3.72	0.98	2.24	1.26	0.97	9.95	8.98
1970	1.41	14.42	13.01	1.56	12.57	11.01	4.98	15.29	10.31	18.10	9.34	8.76	14.81	9.59	5.22	15.79	4.15	11.64	15.30	5.30	9.99	29.38	2.58	26.80	24.13	2.03	22.10	0.71	2.91	2.20	1.14	8.37	7.23	0.53	3.32	2.79
1971	1.14	10.61	9.46	0.94	8.56	7.63	1.24	11.67	10.43	20.18	10.23	9.95	15.06	7.65	7.41	15.44	7.82	7.62	15.23	3.52	11.72	25.56	2.31	23.25	17.24	3.18	14.05	8.39	2.30	6.10	1.03	2.75	1.72	0.49	2.98	2.49
1972	0.36	3.90	3.54	0.79	5.98	5.19	4.42	5.10	0.69	13.16	6.54	6.62	17.98	7.98	10.01	17.35	2.81	14.53	13.58	2.50	11.08	20.99	2.21	18.79	11.49	7.06	4.43	2.55	24.74	22.19	1.11	6.91	5.79	0.91	4.92	4.01
1973	0.45	3.67	3.22	2.04	13.96	11.93	3.72	26.31	22.59	17.68	46.26	28.57	22.69	15.04	7.65	19.43	4.88	14.55	17.19	4.06	13.13	21.23	6.71	14.52	28.57	11.93	16.64	10.32	4.88	5.44	1.29	3.04	1.75	1.49	9.55	8.06
1974	0.88	9.10	8.22	1.75	17.84	16.08	5.55	24.41	18.86	15.53	14.81	10.72	9.28	24.28	14.99	10.71	15.09	4.38	24.31	5.12	19.19	27.92	3.52	24.40	18.07	4.91	13.16	3.99	3.21	0.78	0.70	3.95	3.25	0.34	3.64	3.31
1975	0.83	4.10	3.27	1.85	3.06	1.21	2.89	5.61	2.72	20.29	4.69	15.59	13.73	8.81	4.92	9.42	8.78	0.64	17.17	7.13	10.04	23.28	5.00	18.28	24.75	3.84	20.91	3.79	5.69	1.90	1.25	8.30	7.05	1.15	8.34	7.19
1976	0.71	4.02	3.31	1.99	4.51	2.52	4.93	5.76	0.83	17.94	4.35	13.59	11.53	7.88	3.66	15.36	19.37	4.01	12.99	14.31	1.32	25.40	13.98	11.41	26.67	8.53	18.14	7.81	16.67	8.86	6.37	53.91	47.53	7.69	71.53	63.84
1977	3.91	37.11	33.20	5.92	48.32	42.39	4.87	15.19	10.32	19.59	8.70	10.89	18.01	13.83	4.18	14.40	14.20	6.19	20.78	8.78	12.00	23.39	7.27	16.12	26.57	4.14	22.43	8.20	3.74	3.46	0.88	4.60	3.72	0.45	3.64	3.19
1978	0.60	2.91	2.31	1.25	1.61	0.36	2.79	2.37	0.42	14.16	0.98	13.18	15.70	8.47	7.22	19.13	5.22	13.91	23.93	5.88	18.05	28.41	6.21	22.20	17.18	17.17	0.01	8.58	3.22	5.36	0.89	1.28	0.40	0.17	1.97	1.80
1979	0.80	6.08	5.28	2.79	13.60	10.81	4.03	5.75	1.72	14.93	17.30	2.38	15.40	5.46	9.94	14.62	5.58	9.04	19.95	4.97	14.98	19.08	9.88	9.20	23.68	5.42	18.26	6.59	2.28	4.31	0.66	6.88	6.22	0.68	4.87	4.18
1980	0.88	6.81	5.93	3.56	19.10	15.54	3.94	13.86	9.92	17.55	1.67	15.88	16.45	59.30	42.85	17.54	13.46	4.08	22.83	1.47	21.36	25.03	5.89	19.14	21.42	6.07	15.33	5.29	3.86	1.43	0.38	1.87	1.49	0.81	8.36	7.55
1981	0.91	8.28	7.37	2.22	17.99	15.77	3.97	9.65	5.68	16.16	15.41	0.75	22.36	8.48	13.88	15.80	10.61	5.19	18.50	9.40	9.10	23.06	7.38	15.68	15.05	19.24	4.19	6.00	4.29	1.71	1.22	12.45	11.23	0.63	6.56	5.93
1982	1.68	11.56	9.88	2.28	11.89	9.61	4.69	16.96	12.27	12.99	27.08	14.09	18.58	28.49	9.91	18.63	7.84	10.78	21.38	10.34	11.03	28.21	7.60	20.61	27.09	5.95	21.14	7.75	2.77	4.99	1.19	5.43	4.24	0.56	5.84	5.28
1983	0.66	3.53	2.87	1.79	5.92	4.12	3.55	3.21	0.34	17.86	3.61	14.25	13.54	4.64	8.90	7.40	4.78	2.62	14.58	8.15	6.43	25.35	11.24	14.11	18.79	18.71	0.08	9.07	7.06	2.01	1.06	10.90	9.84	1.94	17.41	15.47
1984	0.25	2.78	2.53	4.67	37.99	33.33	5.19	35.41	30.22	19.84	51.19	31.35	22.70	15.19	7.50	17.88	13.67	4.21	23.50	8.11	15.39	20.20	4.37	15.82	20.61	3.62	16.99	8.99	3.88	5.11	0.81	3.90	3.09	0.68	2.57	1.90
1985	1.13	9.36	8.23	1.94	3.93	1.99	3.27	16.18	12.91	18.23	11.98	6.25	12.72	15.40	2.67	17.19	5.75	11.44	24.74	2.88	21.87	26.18	0.67	25.51	26.27	1.15	25.12	8.52	2.60	5.92	0.86	8.88	8.02	0.89	6.95	6.06
1986	0.58	6.06	5.48	2.83	5.02	2.19	4.84	16.18	11.34	17.53	11.58	5.95	14.93	9.70	5.22	17.11	11.56	5.55	15.40	12.86	2.54	27.00	8.87	18.14	26.06	5.66	20.40	8.91	5.41	3.49	1.04	5.13	4.08	0.52	3.27	2.75
1987	0.34	3.69	3.35	1.91	5.90	3.99	2.96	18.67	15.71	15.68	10.56	5.12	18.76	12.40	6.36	17.96	9.11	8.85	25.53	6.27	19.26	21.51	2.96	18.55	24.44	5.17	19.27	3.13	6.83	3.70	1.32	8.95	7.63	0.68	5.94	5.25
1988	0.77	3.52	2.75	1.49	3.92	2.43	3.44	10.00	6.56	18.64	9.27	9.57	18.42	3.44	14.97	15.17	5.32	9.84	22.40	1.63	20.77	28.26	0.29	27.97	26.14	0.85	25.29	7.76	2.88	4.88	0.58	6.09	5.51	0.45	4.73	4.28
1989	1.11	3.56	2.44	1.74	1.95	0.21	4.20	1.91	2.29	12.65	2.77	9.83	15.81	2.99	12.82	5.89	6.44	0.54	17.38	2.68	14.70	22.95	1.83	21.13	26.47	4.19	22.28	5.98	6.18	0.20	0.95	6.46	5.50	0.63	4.32	3.69
1990	0.91	2.65	1.74	2.14	1.54	0.60	4.69	2.22	2.47	13.49	1.01	12.48	19.76	3.62	16.14	17.83	4.28	13.55	23.40	1.59	21.81	24.53	0.71	23.82	27.30	1.49	25.82	7.07	1.71	5.37	0.61	1.93	1.32	1.11	11.38	10.27
1991	0.33	2.44	2.12	1.96	9.81	7.85	3.28	6.16	2.88	11.54	9.28	2.26	17.19	8.99	8.20	17.85	5.64	12.20	13.48	6.96	6.52	25.20	4.25	20.96	22.30	8.23	14.07	8.15	7.81	0.33	1.06	10.89	9.83	0.97	5.51	4.54
1992	1.18	4.29	3.11	2.66	3.32	0.66	3.65	3.12	0.53	9.50	0.60	8.90	17.03	2.96	14.06	15.71	1.99	13.72	23.79	2.29	21.50	28.80	1.17	27.63	23.62	3.60	20.02	7.82	3.44	4.38	0.82	1.75	0.92	0.26	2.87	2.61
1993	0.26	0.58	0.32	1.29	3.12	1.83	2.43	3.23	0.81	19.62	3.42	16.19	19.09	0.15	18.94	16.80	0.55	16.25	23.57	0.09	23.48	29.80	0.02	29.78	26.37	0.03	26.74	5.60	1.54	4.07	0.22	2.50	2.28	0.18	2.04	1.86
1994	0.42	1.12	0.71	0.71	0.67	0.04	4.51	0.49	4.02	14.11	1.57	12.54	21.65	0.22	21.43</																					

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
BREGALNICA RIVER BASIN - B4-3

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	-0.10	0.78	0.88	-0.11	0.73	0.84	-0.09	0.92	1.01	-0.05	1.12	1.17	-0.01	1.82	1.83	-0.08	1.16	1.24	-0.08	0.53	0.61	-0.04	0.31	0.36	-0.05	0.31	0.36	-0.10	0.45	0.56	-0.09	0.96	1.05	-0.08	1.00	1.08	-2,325	26,121	28,446
1962	-0.05	1.31	1.36	-0.01	1.77	1.78	0.26	4.59	4.34	0.13	3.10	2.97	0.02	1.67	1.65	-0.14	0.72	0.86	-0.09	0.51	0.60	-0.05	0.50	0.54	-0.06	0.35	0.41	-0.10	0.65	0.75	0.01	1.95	1.94	0.05	2.34	2.28	-58	50,434	50,492
1963	0.49	6.71	6.22	1.06	12.52	11.46	0.53	7.21	6.67	0.55	7.18	6.63	0.07	2.42	2.35	0.03	2.17	2.15	-0.13	0.19	0.33	-0.08	0.06	0.14	-0.08	0.15	0.23	-0.13	0.53	0.66	-0.13	0.54	0.67	-0.07	1.10	1.17	5,434	105,700	100,266
1964	-0.12	0.61	0.73	-0.07	1.08	1.15	-0.03	1.54	1.57	-0.05	1.28	1.32	-0.07	1.10	1.17	-0.07	1.15	1.22	-0.14	0.39	0.53	-0.06	0.39	0.45	-0.07	0.74	0.81	-0.09	1.05	1.15	0.07	2.56	2.49	0.04	2.25	2.20	-1,697	36,632	38,329
1965	0.17	3.49	3.32	-0.02	1.76	1.78	0.25	4.43	4.17	0.21	3.83	3.62	0.12	2.99	2.87	-0.10	0.91	1.01	-0.16	0.19	0.34	-0.12	0.17	0.29	-0.06	0.20	0.25	-0.12	0.19	0.31	-0.16	0.27	0.43	-0.11	0.70	0.81	-250	49,547	49,798
1966	0.12	3.05	2.93	0.25	4.32	4.07	-0.02	1.72	1.74	-0.01	1.51	1.52	-0.08	0.71	0.79	-0.08	1.14	1.22	-0.13	0.05	0.17	-0.07	0.08	0.15	-0.10	0.07	0.17	-0.15	0.23	0.38	-0.09	0.94	1.03	0.04	2.22	2.18	-830	41,594	42,423
1967	-0.01	1.69	1.70	-0.04	1.39	1.43	0.01	1.93	1.93	-0.03	1.53	1.56	-0.06	1.12	1.18	-0.12	0.87	0.99	-0.14	0.75	0.89	-0.07	0.29	0.36	-0.05	0.53	0.59	-0.11	0.44	0.54	-0.14	0.50	0.63	-0.10	0.82	0.92	-2,225	30,754	32,978
1968	-0.06	1.21	1.27	0.20	3.82	3.62	-0.03	1.48	1.51	-0.09	0.73	0.82	-0.18	0.20	0.38	-0.15	0.72	0.87	-0.12	0.08	0.21	-0.12	0.12	0.25	-0.07	0.23	0.30	-0.12	0.23	0.35	-0.13	0.56	0.69	-0.11	0.74	0.85	-2,570	26,261	28,832
1969	-0.01	1.77	1.77	0.11	3.07	2.96	0.08	2.84	2.76	-0.01	1.65	1.66	-0.02	0.98	1.01	-0.16	0.33	0.49	-0.12	0.24	0.35	-0.07	0.34	0.42	0.02	0.98	0.96	-0.05	0.82	0.88	-0.16	0.26	0.42	-0.06	1.21	1.27	-1,153	37,582	38,735
1970	-0.01	1.76	1.77	-0.04	1.53	1.57	0.00	1.87	1.86	-0.05	1.14	1.19	-0.06	1.17	1.23	-0.15	0.50	0.65	-0.13	0.64	0.77	-0.05	0.30	0.36	-0.07	0.24	0.31	-0.16	0.35	0.51	-0.08	1.02	1.10	-0.14	0.40	0.54	-2,440	28,253	30,693
1971	-0.05	1.29	1.35	-0.09	1.04	1.13	-0.07	1.42	1.49	-0.03	1.25	1.28	-0.08	0.93	1.01	-0.10	0.95	1.05	-0.15	0.42	0.57	-0.08	0.27	0.35	-0.09	0.38	0.47	-0.12	0.27	0.39	-0.15	0.33	0.47	-0.15	0.35	0.50	-2,977	23,061	26,037
1972	-0.14	0.47	0.60	-0.12	0.72	0.84	-0.12	0.61	0.74	-0.11	0.79	0.90	-0.06	0.97	1.03	-0.15	0.33	0.48	-0.17	0.29	0.46	-0.11	0.26	0.36	-0.08	0.86	0.94	0.10	3.03	2.93	-0.10	0.84	0.94	-0.12	0.59	0.71	-3,062	25,315	28,378
1973	-0.14	0.44	0.58	-0.02	1.70	1.72	0.12	3.22	3.10	0.38	5.68	5.29	0.05	1.84	1.79	-0.12	0.59	0.71	-0.13	0.49	0.61	-0.05	0.81	0.86	0.08	1.46	1.38	-0.08	0.59	0.67	-0.14	0.36	0.50	-0.06	1.16	1.23	-281	47,516	47,797
1974	-0.07	1.11	1.18	0.03	2.18	2.16	0.11	2.99	2.88	0.00	1.81	1.81	0.08	2.97	2.89	-0.04	1.84	1.88	-0.07	0.62	0.69	-0.05	0.42	0.47	-0.07	0.59	0.66	-0.14	0.38	0.52	-0.14	0.47	0.61	-0.14	0.44	0.57	-1,303	41,007	42,310
1975	-0.13	0.49	0.62	-0.15	0.36	0.51	-0.12	0.68	0.80	-0.10	0.56	0.66	-0.08	1.07	1.15	-0.12	1.07	1.19	-0.09	0.86	0.96	-0.06	0.60	0.66	-0.04	0.46	0.50	-0.13	0.50	0.63	-0.11	0.73	0.85	-0.11	0.75	0.85	-3,217	21,095	24,311
1976	-0.13	0.46	0.59	-0.13	0.54	0.67	-0.11	0.61	0.73	-0.09	0.68	0.77	-0.05	1.49	1.53	0.00	2.06	2.06	0.00	2.02	2.03	0.04	1.49	1.45	0.00	0.77	0.77	-0.02	1.38	1.40	0.35	5.26	4.91	0.50	6.86	6.35	897	61,188	60,292
1977	0.12	3.03	2.91	0.25	4.40	4.15	-0.02	1.61	1.63	-0.06	0.98	1.04	-0.04	1.20	1.24	-0.08	1.25	1.33	-0.09	0.69	0.78	-0.05	0.66	0.72	-0.04	0.39	0.43	-0.11	0.35	0.46	-0.14	0.40	0.55	-0.15	0.34	0.49	-1,065	39,674	40,739
1978	-0.15	0.35	0.50	-0.12	0.58	0.71	-0.12	0.69	0.81	-0.09	0.90	0.99	-0.06	1.11	1.17	-0.09	0.89	0.98	-0.09	0.45	0.54	-0.02	0.66	0.69	-0.01	1.33	1.34	-0.11	0.35	0.46	-0.16	0.26	0.41	-0.11	0.68	0.79	-2,971	21,392	24,363
1979	-0.07	1.09	1.16	0.01	1.89	1.88	-0.12	0.57	0.70	0.11	2.94	2.83	-0.07	0.95	1.03	-0.15	0.57	0.72	-0.11	0.51	0.63	-0.05	0.91	0.96	-0.04	0.56	0.60	0.00	1.90	1.90	-0.12	0.59	0.71	-0.12	0.59	0.71	-1,910	33,560	35,469
1980	-0.07	1.05	1.12	0.02	2.08	2.05	-0.01	1.82	1.83	-0.07	0.98	1.05	0.63	8.24	7.61	-0.02	1.71	1.73	-0.12	0.27	0.38	-0.06	0.48	0.54	-0.06	0.52	0.58	-0.05	1.16	1.21	-0.11	0.79	0.90	0.06	2.43	2.37	410	55,801	55,391
1981	-0.07	1.11	1.18	0.03	2.17	2.14	0.07	2.54	2.47	-0.03	1.50	1.52	-0.04	0.95	0.99	-0.10	0.96	1.06	-0.10	0.75	0.85	-0.06	0.61	0.67	-0.01	1.50	1.51	-0.10	0.66	0.76	-0.05	1.36	1.41	0.06	2.45	2.39	-1,033	42,931	43,964
1982	-0.02	1.61	1.62	-0.07	1.12	1.20	0.02	2.09	2.07	0.12	3.18	3.06	0.16	3.34	3.18	-0.10	0.79	0.89	-0.08	0.82	0.90	-0.02	0.70	0.72	-0.01	0.58	0.60	-0.12	0.30	0.42	-0.12	0.66	0.77	-0.07	1.13	1.20	-811	42,297	43,108
1983	-0.13	0.50	0.63	-0.10	0.84	0.94	-0.14	0.48	0.62	-0.10	0.64	0.74	-0.13	0.54	0.67	-0.01	2.19	2.20	-0.03	1.68	1.71	-0.02	0.94	0.95	0.01	1.44	1.43	-0.09	0.59	0.68	-0.10	0.93	1.02	0.02	1.96	1.95	-2,102	33,020	35,122
1984	-0.10	0.81	0.91	0.19	3.77	3.58	0.23	4.28	4.05	0.30	4.76	4.46	0.01	1.52	1.51	-0.09	1.03	1.12	-0.08	0.61	0.69	-0.08	0.54	0.63	-0.08	0.34	0.42	-0.11	0.33	0.44	-0.15	0.36	0.51	-0.16	0.25	0.41	-311	48,246	48,557
1985	-0.10	0.86	0.96	-0.14	0.42	0.56	-0.02	1.82	1.84	-0.05	1.18	1.23	-0.05	1.40	1.45	-0.13	0.60	0.72	-0.11	0.25	0.36	-0.09	0.12	0.21	-0.07	0.14	0.20	-0.12	0.25	0.37	-0.08	1.04	1.13	-0.12	0.60	0.72	-2,770	22,532	25,302
1986	-0.12	0.67	0.79	0.09	2.69	2.60	0.08	2.72	2.63	-0.05	1.24	1.29	-0.06	1.18	1.24	-0.09	1.07	1.15	-0.09	1.03	1.12	-0.03	0.68	0.71	-0.03	0.48	0.51	-0.10	0.46	0.56	-0.14	0.45	0.59	-0.15	0.33	0.48	-1,760	33,674	35,434
1987	-0.14	0.41	0.55	-0.11	0.71	0.82	-0.01	1.89	1.91	0.11	2.87	2.76	-0.03	1.29	1.32	-0.10	0.86	0.96	-0.08	0.48	0.56	-0.09	0.42	0.51	-0.05	0.42	0.47	-0.13	0.52	0.65	-0.11	0.76	0.87	-0.12	0.64	0.76	-2,241	29,205	31,446
1988	-0.15	0.36	0.51	-0.14	0.47	0.61	-0.07	1.17	1.25	-0.05	1.07	1.13	-0.11	0.47	0.57	-0.14	0.57	0.71	-0.12	0.23	0.35	-0.08	0.11	0.18	-0.07	0.15	0.21	-0.13	0.25	0.38	-0.13	0.57	0.70	-0.12	0.58	0.70	-3,393	15,531	18,924
1989	-0.14	0.37	0.51	-0.15	0.37	0.51	-0.13	0.51	0.64	-0.15	0.44	0.58	-0.13	0.41	0.54	-0.18	0.64	0.81	-0.14	0.38	0.51	-0.10	0.22	0.32	-0.04	0.38	0.43	-0.08	0.91	0.98	-0.12	0.66	0.78	-0.13	0.48	0.61	-3,816	14,926	18,742
1990	-0.14	0.38	0.52	-0.13	0.45	0.59	-0.14	0.39	0.53	-0.14	0.42	0.56	-0.09	0.57	0.66	-0.14	0.38	0.52	-0.13	0.13	0.26	-0.10	0.11	0.21	-0.06	0.14	0.19	-0.14	0.15	0.30	-0.17	0.17	0.34	-0.10	0.81	0.91	-3,861	10,593	14,454
1991	-0.15	0.36	0.50	-0.05	1.38	1.43	-0.08	1.12	1.20	-0.03	1.71	1.74	0.01	1.80	1.78	-0.10	0.86	0.96	-0.14	0.61	0.75	-0.06	0.43	0.50	-0.03	0.69	0.73	-0.08	0.70	0.78	-0.09	1.01	1.10	-0.13	0.52	0.65	-2,390	29,015	31,405
1992	-0.14	0.40	0.54	-0.15	0.34	0.48	-0.15	0.32	0.47	-0.11	0.87	0.99	-0.12	0.43	0.55	-0.16	0.33	0.49	-0.12	0.23	0.35	-0.07	0.12	0.19	-0.07	0.30	0.36	-0.12	0.33	0.45	-0.15								