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)
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Year		Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov	
I Cal	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	15	Net	TD	TS	Net	TD	TS	Net	TÐ	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	13.1
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	38.8
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	12.1
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	32.1
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	12.3
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	18.1
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	18.5
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	16.7
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	11.0
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	17.2
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	12.2
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	18.9
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	13.9
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	24.2
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	20.9
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	30.8
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		-4.69	10.69	10.98	0.29	3.27	8.02	4.74	1.53	16.24	14.7
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	26.1
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	37.1
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	26.7
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	35.1
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	10.2
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	17.4
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	14.9
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	19.6
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	15.2
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
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
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			6.15	17.55	Printer day Bridge	14.06					0.54	2.98	16.08	13.09	1.33	13.23	11.9
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	7.55	3.70	0.60	7.02	
1991	0.94	6.88	5.94	2.22	8.29	6.07	3.22	13.05	9.82	4.00	16.54	12.53	7.64	25.49	17.84	5.11	17.86	12.76	7.24	8.03	0.80	14.21	6.13	-8.08	11.50	5.82	-5.68	4.06	9.49	5.43	1.19	12.97	11.7
1992	1.54	14.07	12.53	3.05	16.29	13.24	3.74	16.08	12.34	4.63	17.96	13.33	8.50	18.88	10.39	4.24	16.21	11.96	8.95	10.66	1.71	15.11	5.29	-9.82	12.47	7.87	-4.60	1.94	9.53	7.59	1.48	14.41	12.9
1993	1.52	13.69	12.17	2.45	13.40	10.95	2.48	12.78	10.30	4.97	17.13	12.16	7.31	14.02	6.71	3.54	8.38	4.84	8.15	5.52	-2.63	12.97	4.36	-8.61	10.74	5.08	+5.66	2.69	6.69	4.00	1.07	11.70	10.6
1994	1.09	11.68	10.59	2.14	12.74	10.59	3.38	12.10	8.72	4.91	15.21	10.30	7.28	15.16	7.87	4.16	9.13	4.97	6.01	6.89	0.88	15.11	6.08	-9.03	11.38	8.88	-2.50	3.31	9.32	6.02	1.00	10.69	9.69
1995	1.60	16.77	15.18	2.05	11.88	9.83	2.11	10.26	8.15	4.59	14.98	10.39	6.14	20.51	14.37	4.10	11.80	7.70	5.41	7.18	1.77	11.81	11.98	0.17	10.09	14.71	4.63	4.38	10.13	5.75	2.07	21.78	19.7
1996	2.54	25.14	22.60	3.54	27.10	23.55	3.40	23.18	19.78	6.14	30.71	24.57	8.03	48.79	40.76	5.51	27.03	21.52	8.38	9.32	0.94	12.88	8.87	4.01	8.45	13.10	4.65	3.28	18.02	14.74	1.70	16.92	15.2
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Average	1.95	19.65	5 17.70	3.20	21.29	18.09	3.38	22.03	18.65	5.90	27.05	21.15	7.43	30.47	23.04	4.79	19.83	15.04	7.51	11.90	4.39	13.80	10.52	-3.28	11.44	13.87	2.44	3.65	15.97	12.32	1.94	19.89	17.9

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Units: 10³m³

Units: m³/sec

Average Annual BalanceTDTSNet165,061449,945284,884185,700706,275520,575188,278821,050632,772168,068642,369474,300194,746734,271539,525182,460623,857441,396185,339740,427555,088162,536554,386391,850173,361559,304385,943191,500798,230606,730178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252<			
165,061 $449,945$ $284,884$ $185,700$ $706,275$ $520,575$ $188,278$ $821,050$ $632,772$ $168,068$ $642,369$ $474,300$ $194,746$ $734,271$ $539,525$ $182,460$ $623,857$ $441,396$ $185,339$ $740,427$ $555,088$ $162,536$ $554,386$ $391,850$ $173,361$ $559,304$ $385,943$ $191,500$ $798,230$ $606,730$ $178,348$ $722,790$ $544,442$ $153,296$ $549,423$ $396,127$ $178,318$ $653,536$ $475,218$ $195,163$ $836,337$ $641,174$ $158,099$ $562,110$ $404,012$ $173,338$ $676,659$ $503,322$ $173,427$ $788,728$ $415,302$ $179,372$ $758,167$ $578,795$ $191,443$ $728,372$ $536,929$ $180,328$ $684,958$ $504,630$ $167,545$ $544,257$ $376,711$ $169,324$ $628,919$ $459,595$ $186,447$ $580,261$ $393,814$ $189,656$ $726,398$ $536,742$ $163,822$ $538,479$ $374,656$ $166,149$ $362,077$ $195,927$ $161,730$ $485,071$ $323,341$ $152,153$ $263,329$ $111,176$ $162,296$ $372,538$ $210,241$ $173,840$ $418,939$ $245,099$ $152,530$ $319,111$ $166,581$ $158,342$ $340,594$ $182,252$ $147,939$ <th></th> <th>rage Annual</th> <th>Balance</th>		rage Annual	Balance
185,700 $706,275$ $520,575$ $188,278$ $821,050$ $632,772$ $168,068$ $642,369$ $474,300$ $194,746$ $734,271$ $539,525$ $182,460$ $623,857$ $441,396$ $185,339$ $740,427$ $555,088$ $162,536$ $554,386$ $391,850$ $173,361$ $559,304$ $385,943$ $191,500$ $798,230$ $606,730$ $178,348$ $722,790$ $544,442$ $153,296$ $549,423$ $396,127$ $178,318$ $653,536$ $475,218$ $195,163$ $836,337$ $641,174$ $158,099$ $562,110$ $404,012$ $173,338$ $676,659$ $503,322$ $173,427$ $588,728$ $415,302$ $175,551$ $703,973$ $528,422$ $179,372$ $758,167$ $578,795$ $191,443$ $728,372$ $536,929$ $180,151$ $844,640$ $655,489$ $180,328$ $684,958$ $504,630$ $167,545$ $544,257$ $376,711$ $169,324$ $628,919$ $459,595$ $186,447$ $580,261$ $393,814$ $189,656$ $726,338$ $536,742$ $163,822$ $538,479$ $374,656$ $166,149$ $362,077$ $195,927$ $161,730$ $485,071$ $323,341$ $152,153$ $263,329$ $111,176$ $162,296$ $372,538$ $210,241$ $173,840$ $418,939$ $245,099$ $152,530$ $319,111$ $166,581$ $158,342$ <th>TD</th> <th>TS</th> <th>Net</th>	TD	TS	Net
188,278 $821,050$ $632,772$ $168,068$ $642,369$ $474,300$ $194,746$ $734,271$ $539,525$ $182,460$ $623,857$ $441,396$ $185,339$ $740,427$ $555,088$ $162,536$ $554,386$ $391,850$ $173,361$ $559,304$ $385,943$ $191,500$ $798,230$ $606,730$ $178,348$ $722,790$ $544,442$ $153,296$ $549,423$ $396,127$ $178,318$ $653,536$ $475,218$ $195,163$ $836,337$ $641,174$ $158,099$ $562,110$ $404,012$ $173,338$ $676,659$ $503,322$ $173,427$ $588,728$ $415,302$ $175,551$ $703,973$ $528,422$ $179,372$ $758,167$ $578,795$ $191,443$ $728,372$ $536,299$ $180,328$ $684,958$ $504,630$ $167,545$ $544,257$ $376,711$ $169,324$ $628,919$ $459,595$ $186,447$ $580,261$ $393,814$ $189,656$ $726,398$ $536,742$ $163,822$ $538,479$ $374,656$ $166,149$ $362,077$ $195,927$ $161,730$ $485,071$ $323,341$ $152,153$ $263,329$ $111,176$ $162,296$ $372,538$ $210,241$ $173,840$ $418,939$ $245,099$ $152,530$ $319,111$ $166,581$ $158,342$ $340,594$ $182,252$ $147,939$ $466,646$ $318,707$	165,061	449,945	284,884
168,068 $642,369$ $474,300$ $194,746$ $734,271$ $539,525$ $182,460$ $623,857$ $441,396$ $185,339$ $740,427$ $555,088$ $162,536$ $554,386$ $391,850$ $173,361$ $559,304$ $385,943$ $191,500$ $798,230$ $606,730$ $178,348$ $722,790$ $544,442$ $153,296$ $549,423$ $396,127$ $178,318$ $653,536$ $475,218$ $195,163$ $836,337$ $641,174$ $158,099$ $562,110$ $404,012$ $173,338$ $676,659$ $503,322$ $173,427$ $588,728$ $415,302$ $175,551$ $703,973$ $528,422$ $179,372$ $758,167$ $578,795$ $191,443$ $728,372$ $536,299$ $180,328$ $684,958$ $504,630$ $167,545$ $544,257$ $376,711$ $169,324$ $628,919$ $459,595$ $186,447$ $580,261$ $393,814$ $189,656$ $726,398$ $536,742$ $163,822$ $538,479$ $374,656$ $166,149$ $362,077$ $195,927$ $161,730$ $485,071$ $323,341$ $152,153$ $263,329$ $111,176$ $162,296$ $372,538$ $210,241$ $173,840$ $418,939$ $245,099$ $152,530$ $319,111$ $166,581$ $158,342$ $340,594$ $182,252$ $147,939$ $466,646$ $318,707$	185,700	706,275	520,575
194,746734,271539,525182,460623,857441,396185,339740,427555,088162,536554,386391,850173,361559,304385,943191,500798,230606,730178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	188,278	821,050	632,772
182,460 622,857 441,396 185,339 740,427 555,088 162,536 554,386 391,850 173,361 559,304 385,943 191,500 798,230 606,730 178,348 722,790 544,442 153,296 549,423 396,127 178,318 653,536 475,218 195,163 836,337 641,174 158,099 562,110 404,012 173,338 676,659 503,322 173,427 588,728 415,302 175,551 703,973 528,422 179,372 758,167 578,795 191,443 728,372 536,929 180,328 684,958 504,630 167,545 544,257 376,711 169,324 628,919 459,595 186,447 580,261 393,814 189,656 726,398 536,742 163,822 538,479 374,656 166,149 362,077 <td< td=""><td>168,068</td><td>642,369</td><td>474,300</td></td<>	168,068	642,369	474,300
185,339 740,427 555,088 162,536 554,386 391,850 173,361 559,304 385,943 191,500 798,230 606,730 178,348 722,790 544,442 153,296 549,423 396,127 178,318 653,536 475,218 195,163 836,337 641,174 158,099 562,110 404,012 173,338 676,659 503,322 173,427 588,728 415,302 175,551 703,973 528,422 179,372 758,167 578,795 191,443 728,372 536,929 180,328 684,958 504,630 167,545 544,257 376,711 169,324 628,919 459,595 186,447 580,261 393,814 189,656 726,398 536,742 163,822 538,479 374,656 166,149 362,077 195,927 161,730 485,071 <td< td=""><td>194,746</td><td>734,271</td><td>539,525</td></td<>	194,746	734,271	539,525
162,536554,386391,850173,361559,304385,943191,500798,230606,730178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	182,460	623,857	441,396
173,361559,304385,943191,500798,230606,730178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	185,339	740,427	555,088
191,500798,230606,730178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	162,536	554,386	391,850
178,348722,790544,442153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	173,361	559,304	385,943
153,296549,423396,127178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	191,500	798,230	606,730
178,318653,536475,218195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	178,348	722,790	544,442
195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	153,296	549,423	396,127
195,163836,337641,174158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	178,318	653,536	475,218
158,099562,110404,012173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707		836,337	641,174
173,338676,659503,322173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	158.099	-	-
173,427588,728415,302175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707			-
175,551703,973528,422179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707		588,728	415,302
179,372758,167578,795191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	175,551	703,973	528,422
191,443728,372536,929189,151844,640655,489180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	179,372		
180,328684,958504,630167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	191,443	728,372	536,929
167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	189,151	844,640	655,489
167,545544,257376,711169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	180,328	684,958	504,630
169,324628,919459,595186,447580,261393,814189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	167,545	544,257	376,711
189,656726,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707		628,919	
189,656720,398536,742163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	186,447	580,261	393,814
163,822538,479374,656166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707		-	
166,149362,077195,927161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707			
161,730485,071323,341152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	-		
152,153263,329111,176162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	•	-	-
162,296372,538210,241173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707		,	
173,840418,939245,099152,530319,111166,581158,342340,594182,252147,939466,646318,707	-		-
152,530319,111166,581158,342340,594182,252147,939466,646318,707	•		-
158,342340,594182,252147,939466,646318,707		-	•
147,939 466,646 318,707			
	•	-	-
173,495 602,447 428,952	173,495	602,447	428,952

		0100	5. m /500
·		Dec	
Net	TD	TS	Net
13.16	1.05	11.21	10.17
38.85	2.38	24.53	22.15
12.11	1.84	19.11	17.27
32.19	2.72	27.99	25.26
12.32	1.73	18.06	16.33
18.11	2.41	24.87	22.46
18.52	2.18	22.51	20.33
16.75	1.56	16.34	14.78
11.04	1.61	16.85	15.24
17.27	1.95	19.96	18.00
12.28	1.22	12.91	11.69
18.93	1.57	15.48	13.90
13.90	2.27	22.11	19.84
24.20	2.34	23.51	21.17
20.99	2.08	20.86	18.78
30.82	3.67	36.15	32.48
14.72	2.39	24.63	22.24
26.18	2.71	26.65	23.94
37.18	2.38	24.56	22.17
26.73	3.14	32.11	28.97
35.16	3.94	40.14	36.20
10.20	1.59	16.68	15.09
17.47	1.88	19.48	17.61
14.94	1.61	16.47	14.86
19.68	1.80	18.42	16.62
15.25	1.79	18.33	16.54
9.10	1.07	10.82	9.75
9.98	1.56	16.37	14.81
11.90	1.35	13.88	12.53
6.41	0.47	5.19	4.72
11.78	1.28	13.18	11.90
12.93	1.43	14.38	12.96
10.64	0.96	10.36	9.40
9.69	1.31	13.52	12.21
19.71	2.73	28.05	25.32
15.23	2.18	22.52	20.34
17.95	1.95	19.95	18.00

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASE	ON FUTURE DEMAND (2005)

															VARD	AR RI	VER BA	SIN - B	1-2	-																
	1	Jan			Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct.			Nov			Dec	
Year	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	1D	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	1D	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
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
1963	12.02	121.33	3 109.31	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
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
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
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
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
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
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
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
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
. 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
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
1974	3.08	31.94	23.86	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
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
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
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
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
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
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
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
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			2.39	25.04	
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		2.28	23.85	1
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	11.77		1.38	14.65	I
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		31.64		23.62	I
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			8.89	0.90	9.90	
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		9.03	1.45	15.56	
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	-	8.33	1.86	19.65	
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		2.42	13.10	10.68	1.62	15.57	-	1	14.31		1.41	14.96	I
1990	1.09	11.55	5 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		6.85	1.23	13.38	ſ
1991	1.31	14.20	12.89	1.77	18.86	17.10	4.66	44.6 6	40.00	4.74	46.25	41.51	5.99	52.19	46.20	3.00	26.32	23.32	1.50	11.18	9.68	1.42	8.51	7.09	1.58	7.26	5.68	1.35	8.17	6.82	1.83	19.42		1.30	13.99	
1992	0.99	10.56	9.58	1.13	10.93	9.80	1.19	11.27	10.08	3.62	32.80	29.18	3.39	24.74	21.36	1.52	14.83	13.30	1.67	9.85	8.18	1.99	5.87	3.88	1.84	5.75	3.91	1.07	9.51	8.44	1.56	16.30		1.63	17.37	ł
1993	1.06	11.51	10.45	1.00	10.66	9.65	2.49	23.22	20.73	4.35	33.93	29.59	2.95	21.35	18.40	ł		8.82	1.46	6.14	4.67	1.90	5.36	3.46	2.02	5.83	3.81	0.87	6.97	6.10			7.96	1.65	17.61	
1994	2.12	22.33	3 20.21	2.10	22.22	20.12	3.11	28.55	25.44	4.06	37.95	33.88	4.12		24.19		-		1.34	8.49	7.15	1.61	6.29	4.68	2.10	5.95	3.85	1.21	6.79	5.58	0.74		7.59	0.62		6.45
1995	1.41	15.10	5 13 .7 5	2.15	20.84	18.69	1.83	17.44	15.61	4.41		33.93			35.59	- L - L - L - L - L - L - L - L - L - L		15.42	1 ·	11.86	10.40	2.54	14.61		3.01			1.86	11.48				10.62		59.88	
1996	5.65	57.39	51.74	3.90	40.22	36.31	4.80	48.86	44.06	9.43	86.82	77.39	7.13	64.65	57.52	2.30	19.51	17.20	1.55	10.03	8,48	1.84	9.21	7.38	1.50	10.12	8.62	1.39	11.83	10.44	2.08	21.51	19.43	5.32	54.30	48.98
																					<u>.</u>	<u>.</u>						1			1					<u></u>
Average	2.80	28.19	25.39	3.47	33.32	29.85	4.53	41.52	36.99	5.65	49.46	43.82	5.18	44.11	38.93	2.59	23.42	20.83	1.94	13.07	11.14	2.15	9.70	7.56	2.04	9.89	7.85	1.58	12.03	10.45	2.14	19.76	17.62	2.64	27.06	24.42

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Units: m³/sec

	age Annual I	
TD	TS	Net
147,058	972,749	825,691
195,765	1,288,942	1,093,176
208,768	1,980,799	1,772,031
89,038	800,433	711,395
111,925	956,981	845,057
106,488	929,658	823,170
84,091	736,883	652,792
74,278	611,875	537,598
99,734	853,738	754,004
108,967	973,973	865,006
85,322	736,664	651,342
77,087	688,699	611,612
97,360	828,440	731,080
107,749	950,390	842,642
66,137	552,584	486,447
86,072	762,992	676,921
76,433	626,341	549,908
95,194	838,835	743,641
110,462	1,022,100	911,638
111,542	987,805	876,262
105,603	958,568	852,964
80,288	715,693	635,406
69,607	588,153	518,546
102,120	895,917	793,797
90,569	769,428	678,860
127,312	1,137,298	1,009,985
79,877	677,896	598,018
56,222	415,849	359,627
67,965	575,622	507,657
44,348	311,196	266,848
78,923	702,478	623,556
55,922	440,072	384,149
56,563	418,400	361,837
64,029	504,288	440,259
83,667	732,205	648,539
121,521	1,126,042	1,004,521
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95,111	807,500	712,388

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
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															VARD.	AR RIV	ER BA	ASIN - E	31-3														_					
~.		Jan		<u> </u>	Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec	Ave	age Annual	Balance
Year	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		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
	2.77		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					11.95			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	.7.44	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	0.71	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		21.87		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	6.34	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	2 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	5 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	3 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	0 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	4 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	4 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		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	-1.33	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	18.4	5 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	16.4	0 13.24	1 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		4.07	23.86 19.79	205,364	514,083	308,719
1976	3.15	17.2	0 14.05	5 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			42.90		9.88	57.53 47.65	243,950	689,707	445,757
1977	4.78	27.1	0 22.32	2 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		5.83		CONTRACTOR		5.44		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		-9.82	7.62	6.11	-1.52			-0.62				3.37	18.10 14.73	215,384	481,076	265,693
1979	4.27	20.7	8 16.52	2 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	4	2.37	-5.49	10.85	5.92				2.62		48.61		3.44	20.77 17.33	202,182	470,059	267,877
1980	4.11	19.6	2 15.5	2 5.12	21.21	16.09	7.46	32.00	24.55	10.04	27.37	17.33	15.59	65.67		1	23.90	14.38	9.23	3.98	-5.24	10.56		-8.83	9.30		-7.86		14.42			14.68			19.76 15.81	242,284	637,111	394,827
1981	2.54	12.1	8 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					9.42		24.88			56.54 46.19	238,595	721,883	483,289
1982	5.38	24.0	8 18.69	9 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		-8.07	12.23		-7.62							2.70	15.34 12.65	242,920	623,363	380,443
1983	2.57	13.8	8 11.3	0 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		29.46	(11.18		-6.03	8.83										19.15 15.04	188,019	442,011	253,992
1984	2.25	11.0	2 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		3.17	-5.41	9.29		-5.89			-0.27			2.25	1.44	4.99 3.55	223,666	549,082	325,416
1985	2.65	10.7	6 8.11	4.02	16.33	12.31	8.45	34.09	25.63	9.27	19.96	5 10.70	7.88	17.40	9.52			2.33	10.18		-3.65	11.55		7.01	12.14				3.37	1.84				2.25	8.53 6.28	216,502	403,976	187,474
1986	2.84	14.7	4 11.9	0 10.69	58.60	47.91	9.19			9.13		23.32	1	22.11		1	11.32		5.97	6.90		11.42		-9.13		4.06	-7.62		6.24	0.67			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	1			1				10.94		10.07		-6.41	9.18		-6.57	4	1.66			7.51	4.58		11.84		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			9.25		3 11.63			0.53			0.14	8.72	2.42	-6.30	12.29		-9.66		2.37				-0.37			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			15.12			1		27.43	1	17.23	A	10.48		4.35	12.20				17.80			15.33		2.69	14.10 11.41	212,059	545,665	333,606
1990	2.44	10.3	3 7.89	3.16	9.15	5.99	4.83	10.46		6.89			9.70			1		0.73	9.39	4.89	4.50	10.71			9		-8.97		3.07	-1.34					14.93 11.80	194,507	274,825	80,318
1991	1.96	9.55	7.59			16.09	6.26		20.31	1			14.05					12.07	5.61	9.51	3.90	11.29		-5.28	2	7.86	-2.52		8.25	2.67		10.83			8.91 6.79	212,791	554,248	341,457
1992	2.21						4.53		7.25	9.65			9.62				17.58			8.91	+1.62	12.54		-11.16	÷		8.16		4.68	-0.46			9.46	2.85	13.24 10.39	211,517	378,959	167,442
1993	2.20		60 8.29	1		6.62	5.55		13.64	(·			10.88		7.87	1.46	9.19	2.84	+6.35	4		-11.30		1.31	10.28		2.59	1.04			6.11	1.59	6.95 5.36	201,777	306,592	104,814
1994	1.92					6.59	4.55		6.50	5.41	4.69	120210010			-1.59	4		-1.72	~	2.49	-3.82	11.99		-11.08	11.55	5.18			7.46	2.03			4.78	2.65	18.54 15.89	177,287	220,924	43,637 254,260
1995	1.64					4.24	3.63	13.57		9.20		20.20		31.85			8.79	2.26	3.78	5.67	1.89	4	5.25	-2.69	7.11	3.47	-3.64			3.46			6.36		33.49 27.38	176,149 231.060	430,410 650,127	254,200 419,068
1996	7.29	38.6	50 31.3	2 4.93	24.45	19.52	6.01	28.17	22.17	14.43	51.50	37.07	10.98	34.66	23.68	8.24	11.70	3.45	6.85	4.42	-2.43	9.93	1.72	-8.21	6.32	4.59	-1.73	6.20	8.67	2.48	2.99	14.07	11.08	4.98	28.26 23.28		030,127	419,000
													1			T			1			1			120.15		1.52	6.00	0.00	0.40	0.02	10.64	10.71	215	17.06 12.61	220,745	518,099	297,354
Average	3.52	16.5	59 13.0	7 5.28	24.70	19.42	7.07	28.13	21.07	9.87	30.28	8 20.41	10.72	27.19	16.47	7.23	15.38	8.15	8.29	8.10	-0.19	11.05	4.36	-6.69	10.47	5.75	-4.72	5.28	8.70	3.42	2.93	15.04	10.71	3.45	17.06 13.61	220,745	210,033	291,334

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Units: m³/sec

																VARI	DAR RIV	VER B.	ASIN - E	31-4																	
ear		Ja	n		F	eb			Mar			Арг			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec	
C 411	TD	TS	Net	TD	TS	1				Net	TD	TS							Net		TS	Net	TD	TS	Net	TD	TS	Net 7	D 1	rs	Net	TD	TS	Net	TD	TS	Net
961	9.33	56.7	5 47.42	15.0	5 47.2	24 3	32.19	21.20	53.29	32.09	45.25	19.14	-26.10	37.23	34.61	2.62	34.62	12.45	-22.17	58.28	3.53	-54.75			-77.36	74.26	3.98	-70.28	4.82 1	1.02	-23.80	5.63	26.17	20.55	4.74	22.76	18.01
962	6.44	31.3	6 24.93	13.9	2 64.1	10 5	50.18	58.43	365.3	1 306.8	7 62.57	190.63	3 128.00	65.22	62.43	-2.79	26.99	16.06	-10.93	55.87	3.77	-52.09	75.31	4.29	-71.02	66.99	2.67	64.31	8.68 3	3.17	15.51	44.16	272.83	228.67	35.72	207.68	171.9
963	65.80	372	67 306.8	7 103	76 609	.69 5	505.93	57.21	256.0	3 198.8:	2 85.09	305.37	7 220.2	68.59	203.90	6 135.30	57,33	161.8	3 104.50	51.14	21.09	-30.05	76.63	4.33	-72.30	62.82	8.99	-53.83 1	5.28 2	25.93	10.65	7.18	29.46	22.28	18.41	100.76	82.35
)64	7.68	34.4	3 26.75	13.0	5 43.0	00 2	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	-56,49	44.74	21.31	23,43 1	0.71 2	29.41	18.69	19.11	87.04	67.93	15.95	81.54	65.59
65	19.27	100	28 81.01	13.1	4 71.4	40 5	58.26	47.55	189.6	5 142.1	0 63.06	156.10	93.04	58.82	129.95	5 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	3.53 5	5.48	-28.05	1.98	10.11	8.12	6.81	34.01	27.20
66	22.58	106	13 83.55	31.8	0 133	.91 1	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	8.10 7	7.04	-11.06	4.62	14.64	10.02	22.34	119.13	96.79
67	14.71	65.3	4 50.63	16.9	9 50.2	24 3	33.25	27.48	95.79	68.30	48.42	95.66	47,24	54.47	113.04	4 58.57	31.30	31.16	0.14	26.70	31.36	4.66	71.78	3.14	68.64	60.52	9.66	-50.87	4.76 0).89	-23.86	2.49	6.70	4.21	7.17	36.53	29.30
68	8.77	41.4	9 32.72	30.3	1 129	.81 9	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	8.16 1	1.27	-26.89	2.45	8.54	6.09	3.21	9.64	6.44
69	12.78	59.3	46.53	22.1	0 100	0.18 7	78.08	31.43	134.2	9 102.8	7 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	6.61 2	24.00	-12.61	3.79	1.40	-2.38	5.82	18.32	12.50
70	12.28	47.2	1 34.93	13.7	9 60. [°]	76 4	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 1	50.23	41.36	7.15	41.70	34.55	2.14	3.42	1.28
71	8.29	24.0	8 16.39	5.30	5 14.	84 9	9.48	15.53	54.93	39.39	54.02	47.53	-6.48	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	9.34 2	23.41	5.93	5.66	18.92	13.26	3.47	15.42	11.95
072	5.35	28.1	4 22.79	8.08	30.5	98 2																						9.07								50.20	40.84
73	6.72	41.	2 35.00	17.0)4 68.	69 5																						-28.25								82.66	64.48
74	14.26	72.9	0 58.65	29.	36 133	3.99	104.13	37.09	143.5	9 106.5	0 48.20	93.45	45.25	45.22	115.0	9 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	7.58 3	31.80	14.22	8.20	43.73	35.53	6.16	38.44	32.2
075	6.98	30.2	26 23.29	10.	23 32.4	43 2	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	5.68 3	30.31	14.62	8.54	48.52	39.98	8.67	47.07	38.40
76	5.30	22.0	0 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	5.49 5	54.66	29.17	23.59	88.59	65.00	34.06	157.60	123.
77	16.69	86.3	26 69.57	28.	59 121	.03	92.43																					-56.01								27.64	
78	3.68	14.1	7 11.09	9.7	3 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	0.29 2	26.66	3.63	10.11	58.16	48.04	10.68	68.89	58.2
79	13.71	49.0	35.32	21.	1 58.	66 3	37.56	16.76	15.09	1.67	45.82	84.90	39.07	52.84	111.0	5 58.21	37.37	53.72	16.34	52.05	25.16	-26.89	48.88	31.78	-17.10	66.86	29.98	-36.88	8.51 2	22.92	4.41	26.91	117.34	90.43	18.00	93.77	75.7
80	21.25	5 116	.13 94.88	28.	96 129	.78	100.82	25.68	98.54	72.87	53.44	101.4	8 48.04	63.82	185.9	4 122.1	2 52.80	117.4	0 64.61	59.53	27.93	31.61	71.64	26.40	45.23	63.62	18.47	45.15	3.60 4	12.55	18.95	11.80	78.64	66.84	17.12	90.26	73.14
81	14.61	84.:	69.72	25.	55 125	5.30	99.75	51.03	227.9	1 176.8	7 58.10	175.2	3 117.1	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	3.18 (52.64	39.46	14.82	100.41	85.59	29.81	166.56	136.
82	26.24	175	.59 149.3	5 18.	31 96.	29	77.98	26.67	90.55	63.88	40.49	112.6	0 72.11	64.71	152.8	5 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 4	13.93	17.67	8.31	36.42	28.10	8.58	35.82	27.2
83	8.55	51.4	55 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	0.62 2	21.16	.9.46	5.01	19.97	14.95	18.41	71.75	53.34
84	21.12	120	.66 99.54	37.	80 205	5.74	167.94	37.37	172.1	9 134.8	2 60.64	144.1	7 83.52	72.82	65.78	-7.04	40.15	39.49	-0.66	57.65	17.60	40.05	50.53	13.84	-36.20	60.19	9.84	-50.35	2.84 2	25.18	-7.66	6.73	34.72	27.98	6.27	38.34	32.0
85	9.92	48.	75 38.84	12.	84 38.	27																-55.58						-65.66	9.39 1	19.61	-9.78	9.84	42.98	33.14	10.79	62.58	51.8
86	10.83	64.	00 53.18	43.	11 184	4.36	141.25	43.85	176.8	2 132.9	7 54.04	92.80	38.76	45.02	56.86	11.84	41.45	39.14	-2.32	39.56	32.24	-732	78.97	31.82	47.14	79.10	37.99	41.10	4.71 5	53.16	18.45	7.68	31.06	23.38	4.71	21.47	16.70
987	6.52	33.	42 26.90) 14.	42 57	.05	42.63	19.16	60.89	41.72	65.23	239.3	5 174.1	2 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	0.66 2	27.85	17.19	6.45	32.35	25.90	6.73	41.04	34.31
988	5.02	15.	79 10.77	7.7	4 28.	.04	20.30	13.79	32.45	5 18.67	46.97	38.58	-8.40	54.41	26.14	-28.2	30.72	14.17	-16.55	55.62	4.89	-50.73	79.28	4.85	-74.43	70.09	7.69	62.40	3.66 1	16.04	7.62	5.19	32.47	27.27	7.23	46.83	39.60
989	6.07	21.	06 14.99	7.9	2 18.	40	10.48	19.87	44.78	24.92	2 31.93	19.74	-12.1	42.53	45.01	2.48	16.51	27.67	11.16	38.99	28.36	-10.63	68.07	28.57	-39.50	71.81	17.98	-53.83	21.78 4	16.72	24.94	4.84	17.11	12.26	5.57	28.67	23.10
990	7.01	34.	71 27.70	8.2	8 17.	17	8.89	17.98	16.40	1.58	30.39	8.77	-21.6	52.29	9.64	-42.6	38.29	3.96	34.32	54.79	1.10	-53.70	63.88	2.25	-61.63	71.43	3.15	68.29	24.88 6	5.74	-18.14	3.10	13.97	10.88	7.26	27.17	19.91
991	6.39	33.	23 26.84	4 15.	38 47.	.28	31.90	25.09	63.85	38.76	36.57	97.39	60.82	59.60	111.9	9 52.39	47.50	64.97	17.47	32.97	19.23	-13.74	60.72	11.11	49.60	59.55	21.04	-38.51	9.54 2	29.59	0.05	6.53	31.12	24.59	5.96	27.56	21.6
92	6.59	28.	32 21.74	ŧ 10.	85 23.	.41	12.56			3 1.77																		48.24				6.93	32.80	25.87	5.19	31.31	26.12
93	3.89	17.	74 13.85	5 6.5	9 22.	.51	15.92	14.34	27.70) 13.37			/			شماعداد دمز			-34.85	···		-55.41			-78.34			-68.93			12.36				1	9.33	6.74
994	4.82	15.	27 10.43	5 7.5	0 24.	.36	16.85	20.39	24.00	3.61	35.36	48.66	13.31	64.75	50.26	14.44	32.97	8.39	-24.58	39.66	3.40	-36.26	71.66	8.59	63.07	72.81	8.86	63.94	7.88 1	13.55	14.34	2.99	8.56	5.57	3.79	21.45	17.60
995	5.13		90 24.7				12.74	11.44	16.33	4.89	46.65	71.79	25.14	44.22	36.98	-7.24	38.22	18.12	-20.11	23.07								3.21	6.43 2	23.71	12.72	6.06	40.45	34.39	10.42	38.75	28.33
996	23.48		8.68 85.20																									19.87			-15.09					61.94	
								-												÷																	
erage	12.45	5 63.	44 51.00	0 19.	66 84	.12	64.46	25.99	86.98	3 60.99	49.69	88.72	39.04	52.64	68.28	15.63	37.03	40.16	3.13	47.96	18.84	-29.11	68.27	16.27	-52.00	64.14	22.74	-41.39	4.52 2	26.46	1.94	8.93	43.55	34.61	11.16	56.56	45.4

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Units: 10³m³

Units: m³/sec

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Avera	ige Annual	Balance
TD	TS	Net
1,072,295	743,528	-328,767
1,374,540	3,173,391	1,798,851
1,734,692	5,443,506	3,708,813
972,945	1,557,272	584,327
1,196,759	1,885,505	688,746
1,216,220	1,672,386	456,166
1,002,547	1,398,371	395,824
977,387	763,400	-213,987
1,234,338	1,529,467	295,129
1,030,794	1,319,836	289,042
916,494	693,114	-223,380
851,653	1,254,964	403,311
1,245,240	1,953,168	707,928
1,131,378	2,179,570	1,048,192
931,593	1,046,063	114,470
1,069,078	1,648,773	579,695
1,081,062	1,145,521	64,459
1,022,037	1,140,798	118,760
1,085,597	1,797,304	711,708
1,278,502	2,678,913	1,400,412
1,237,580	3,164,260	1,926,679
1,211,029	2,386,924	1,175,895
953,033	1,366,187	413,154
1,254,816	2,300,484	1,045,668
1,083,847	978,019	-105,828
1,252,027	2,129,955	877,928
1,107,397	1,744,325	636,928
1,036,085	694,515	-341,570.
870,647	891,813	21,165
983,867	375,895	-607,972
999,951	1,447,254	447,303
990,078	812,289	-177,789
1,018,216	327,547	-690,669
996,810	610,014	-386,796
851,520	942,007	90,486
1,145,907	2,295,566	1,149,659
1,094,943	1,596,997	502,054

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)
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									AVE	RAGE	MONTI	ILY WA	ATER I	BALAN						ASED	ON FUTO	JRE D	EMAN	D (2005)											Units	s: m [°] /sec
						· · · · · ·							r		VARL	AK KI	VER BA	ASIN - I	31-5 T							<u> </u>		r	0.4	-	<u> </u>	Mari		T	Dec	
Year	TD	Jan TS	Net	TD	Feb TS	Net	TD	Mar TS	Net	TD	Apr TS	Net	TD	May TS	Net	TD	Jun TS	Net	TD	Jul TS	Net	TD	Aug TS	Net	TD	Sep TS	Net	TD	Oct TS	Net	TD -	Nov TS	Net	TD		Net
1961	+	9.05	8.22	1.04	7.91	6.87	2.14	10.89	8.75	0.60	6.40	5.80	4.12		8.90	5.30	6.44	1.14	8.61	3,33	100000000	13.68		11.68		2.00	-9.03	1.42	2.00	0.58	0.54		5.58	0.34		3.76
1961	0.84	9.05 4.10	0.22 3.76	0.78	8.56	7.78	5.37	54.49	49.13	5.24		32,43	8.01		7.16	4.74	5.74	0.99	9.43	0.77	8.66	12.99	1.67	-11.32		1.39	8.12	0.05	1.26	1.22	4.54		41.61	3.26	33.22	
1962	6.22	62.92		9.10	91.75	82.65	4.91	45.04	40.13	8.44		42.84	4.99	38.52		7.54		21,34	8.76	4.33	-4.43	12.62		-11.45		2.22	-5.15	1.08	6.23	5.15	0.58		5.94	1.63	16.93	15.30
1964	0.56	6.33	5.76	0.73	6.93	6.20	1.36	14.39	13.04	3.77		7.83	2.33	14.02		3.40	11.26		7.45	4.22	3.24	12.80		-11.42		3.49	-0.67	2.21	5.60	3.39	1.60	16.69	15.09	1.43	14.93	13.51
1965	1.67		15.72	1.09	11.61	10.52	3.18	31.61	28.43	3.55	29.99		9.10	31.46		6.90	10.57	-	10.27		8.71	ł	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
1966	1.65	17.21		3.04	25.20	22.16	1.89	12.68	10.79	4.65		10.30			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
1967	1.09	11.00		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
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	•1.08	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
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	-0.95	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
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	-7.38	1.88	5.56	3.67	0.52	4.90	4.37	0.15	1.63	1.48
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
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	-5.33	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
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	-0.03	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
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		3.72	-10.02	9.12	3.92	-5.19	1.25	5.77	4.51	0.86	8.29	7.43	0.68		6.24
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	-8.61	2.14	5.40	3.27	0.84	8.01	7.17	0.97		7.80
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		9.92	3.89	-6.03	3.19	8.87	5.68	2.20	19.51		3.16	30.12	
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	i	0.69		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		4.32
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		-9.75		0.49		5.21	4.34	-0.87	2.95	3.80	0.85	0.96	8.16	7.20	1.12	11.82	
1979	1.26	12.17	10.91	1.98	15.69	13.71	1.63	6.83	5.20	3.96	15.63		5.61		15.84	6.77	8.70	1.93	10.19		-7.82	4	3.39		9.04	4.24	-4.81	2.64	3.37	0.73	2.55	25.12		1.51	15.21	
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		31.45	8.95		11.28	1	3.39	-5.12	1		-10.33		1.28	4.81	2.89	6.98	4.09	1.22		11.15	1.55	16.19	
1981	1.24	12.00	10.77	2.02	18.82	16.80	4.80	39.68	34.88	5.59	28.70		8.00		6.98	5.43	7.18	1.75	1	3.93	-6.96		3.67	******	8.66	10.20	· · · · · · · · · · · · · · · · · · ·	2.55	11.17		1.65		15.54	3.18	32.46	
1982	2.74		23.16	1.60	14.02	12.42	2.14	17.39		2.96	25.64	22.68	8.04		17.74	1	12.34		6.30	1.94	-4.36	4	2.74		9.42	4.74	4.67	4	4.48	4.01	0.48	4.43	3.95	0.60		6.06
1983	0.76	7.24	6.48	1.25	8.96	7.71	1.52	6.31	4.79	4.05		4.92	3.73	3.74	0.01	1.17	10.13			10.47	/	12.65			7.83	8.85	1.02	3.14	3.06	-0.09	0.37	3.33	2.96	1.05	11.13	
1984	1.55	16.19		1	28.18	25.44	2.89		24.17	5.06		24.28	8.63	23.54		6.50	7.14	0.63		1.15	9.35				8.65	0.90	.7.75	2.91	2.30	-0.61	0.47		3.89	0.51		4.16
1985	0.76	8.24	7.49	1.37	8.49	7.12	1.07	10.44		4.54	13.92		4.30	13.70		7.03	3.18	-3.85	11.09		-10.58			-12.20		0.65 4.03	-9.87	3.01	1.67	2.81	0.86	9.30 3.82	8.44 3.40	0.97		7.79 2.61
1986	1.08	11.44		4.20	34.66	30.45	3.67		27.96	6.46	20.61		1		11.83		10.20		10.26		-3.43				9.56 10,58	4.05	-5.52	3.47	6.28 2.42	1.99	0.42		3.33	0.57		4.69
1987	0.47	5.37	4.90	1.34	12.51	11.17	1.20	11.81		5.79		30.83	6.24		9.03	4.65	8.62	3.97	11.21		-9.44	4			10.50		9.79	0.43	0.61	-0.77	0.29		2.91	0.55		5.63
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 9.47	6.3.43	-	0.41 6.08	-0.48	-			11.02		9.11		7.72	6.70	0.34	3.60	3.26	0.51		4.69
1989	0.45	1.98	1.53	0.77	1.98	1.21	1.67	9.47	7.80 0.77	2.54	6.34	3.80 2.07	5.95 5.34	15.07 3.06	9.12	3.22	9.47 0.93	6.25 4.90	6.56 9.79	0.08	9.22	10.10			9.69	0.41	9.28	2.40	0.49	+1.91	-0.01		0.65	0.29		2.72
1990 1991	0.70	4.47	3.78	0.67	2.06 6.39	1.38 5.82	1.92	2.69 11.73		1.81 2.76	3.88 17.22		5.84		15.66	9 1	11.32		3.57	2.15	1.42		0.52	10.42		1.10	-6.38	2.81	2.42	-0.39	0.41	4.86	4.45	0.40		3.21
1991		3.26		0.56		5.82 1.51	1.41	2.69	1.31	2.85	17.22		3.82	5.17	1.35	2.71	5.46	2.75	8.24	3.46	4.79	13.49		12.27		0.59	-8.62	0.24	1.02	0.78	0.60	4.60	4.00	0.46		4.30
1992	0.48	3.34 2.61	2.86 2.26	0.99	2.50 2.70	2.18	1.30	6.18	4.89	4.72	7.56	2.84	3.58	4.90	1.33	4.39	1.15	3.24	*	0.75	-10.36		0.81	12.48	{	0.72	-9.48	0.97	1.86	0.89	0.04	1.11	1.07	0.16		1.02
1993	0.33	2.01		0.32	3.80	3.50	1.30	4.65	3.35	2.72	7.56	2.04 4.84	6.03	4.90 7.77	1.52	6.69	0.88	5.81	9.17	0.79	8.38	-		11.59	ł –	0.72	8.50	0.54	1.31	0.77	0.07	0.36	0.29	0.29		2.77
1995	0.31	3.98		0.91	3.35	2.44	0.45		2.73	4.84	12.59		4.36	11.04	6.69	6.61	3.37	10	6.14	0.24	-5.90	10.04		8.15	i	6.08	0.91	3.45	2.83	0.61	0.51	5.84	5.33	1.11	11.75	
1996	1.90		7 16.67				2.33		17.48			28.83	1			1		2.42	6.93	1.19	-5.74			-11.33		1.86	1.53	-	2.30	0.15	0.30		2.32	1.25	12.67	1
	- 1717.9						1-200						1						1		Territoria and			1							<u> </u>					_
Average	1.07	10.5	9 9.52	1.64	14.27	12.62	2.17	16.11	13.94	4.28	18.21	13.93	5.36	16.11	10.75	5.47	8.48	3.01	8.74	2.97	-5.77	11.07	1.69	-9.39	8.56	2.86	-5.70	2.16	3.89	1.73	0.75	7.49	6.74	0.97	9.82	8.85
														/		_			_			<u> </u>														

Units: 10³m³

Units: m³/sec

Ave	rage Annual	Balance
TD	TS	Net
128,697	189,881	61,184
166,562	544,854	378,292
189,879	922,224	732,345
108,328	287,294	178,960
163,143	371,824	208,680
131,276	327,559	196,28.
107,905	261,902	153,996
134,919	148,331	13,412
135,894	305,478	169,58
137,403	303,464	166,061
137,368	223,282	85,914
104,203	232,045	127,842
154,845	353,468	198,623
154,119	400,637	246,519
130,690	209,979	79,289
125,537	335,050	209,514
123,147	226,912	103,760
125,623	265,673	140,050
142,541	347,765	205,223
150,409	451,844	301,43
159,459	518,327	358,868
118,523	378,614	260,092
120,447	223,760	103,313
158,849	377,955	219,100
150,924	205,740	54,816
156,930	396,355	239,423
141,558	277,626	136,068
135,337	100,930	-34,406
122,315	188,015	65,699
125,772	58,331	-67,440
113,093	223,061	109,968
115,283	121,661	6,378
131,191	81,680	-49,511
126,581	88,719	-37,862
113,830	171,420	57,589
132,804	373,943	241,139
135,427	291,545	156,117

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Year		Ja	n			Ì	Feb			Ma	ar		Α	pr		May			Jun			Jul		Aug			Sep			Oct			Nov		Dec		
1041	TD	TS	1	Net	TD	TS			TD	TS			TS			TS	Net	TD				TS		TD TS	Net	TD	TS			TS			TS		TD	TS Net	
1961	19.47	/ 133	.97	114.5	27.4	5 121	.14	93.68	41.51	154.	.51 113.	01 72.09	104	.25 32.16	72.29	195.39	9 123.1	1 59.07	104.72	45.65	89.22	59.67	-29.56	130.68 48.00	-82,68	114.4	9 48.00	-66.49	37.35	47.00	9.65	14.82	101.05	86.23	11.75	78.50 66.	75
1962	12.40	78.	52 (66.12	23.1	5 128	3.45	105.29	99.45	643.	10 543.	66 109.4	0 454	.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	101.7	0 29.33	72.37	29.54	46.71	17.16	83.22	549.69	466.47	65.09	404.74 339	2.65
1963	117.7	73 737	1.49	619.7	167.	25 ###		893.30	102.08	537.	14 435.	06 139.5	1 607	.15 467.65	115.66	464.10	348.43	3 96.54	356.15	259.61	82.67	81.09	-1.58	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	1.01
1964	17.34	4 103	3.43	86.09	23.8	7 1iC),16	86.28	43.17	193.	.82 150.	65 70.16	162	2.55 92.40	68.46	189.59) 121.13	3 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	3.01
1965	36.56	5 227	7.39	190.8	3 25.7	5 162	2.63	136.87	79.22	386.	.73 307.	51 100.5	7 368	.59 268.02	109.71	385.03	3 275.33	3 69.25	151.02	81.77	75.56	50.03	-25.53	95.27 36.96	58.31	116.3	3 35.07	-81.25	49.41	36.66	-12.75	5.86	48.50	42.65	16.32	106.28 89.	.96
1966	40.22	2 225	5.31	185.0	60.5	4 314	1.91	254.37	37.46	174.	.60 137.	14 82.06	199	.94 117.88	98.73	210.53	3 111.80	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						
1967								94.62	49.51	214.	.84 165.	33 79.73	252	2.72 172.99	90.82	286.10	5 195.3	1 52.06	117.49	65.43	47.74	108.20	0 60.46	107.90 43.47	-64.43	93.27	45.59	47.68	38.26	39.23	0.97						
1968	16.43	3 9 9.	28	82.85	45.2	4 225	5.57	180.33	39.48	131.	.05 91.5	7 71.94	92.4	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	101.4	3 36.44	-65.00	42.43	40.90	-1.53	7.87	60.66	52.79	10.30	72.71 62.	.41
1969	21.3	1 130).64	109.3	4 42.5	5 240).24	197.68	60.09	321.	.80 261.	71 90.47	302	2.60 212.14	123.94	259.62	2 135.6	8 57.05	78.63	21.59	83.63	58.63	-25.01	110.14 58.24	-51.90	107.5	8 67.31	-40.27	52.93	59.10	6.17	7.14	32.39	25.25	15.85	93.75 77.	90
1970	32.3	7 183	3.58	151.2	1 33.7	8 192	2.14	158.35	59.64	266.	.28 206.	64 93.14	268	3.20 175.06	78.03	209.70	5 131.7	3 60.46	135.12	74.66	68.19	118.39	9 50.20	126.10 36.46	-89.64	107.7	5 59.31	48.44	16.26	94.79	78.53	12.50	87.40	74.90	8.97	58.88 49.	.91
1971	27.5	8 17	0.05	142.4	7 18.6	9 118	8.51	99.82	38.50	215.	.51 177.	01 93.67	242	2.21 148.54	77.58	151.02	2 73.44	62.63	118.02	55.38	57.53	38.43	19.11	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
1972	10.8	8 77.	43	66.55	19.5	8 114	4.34	94.76	40.40	149.	.31 108.	91 58.23	175	5.80 117.57	81.24	130.72	2 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	1.06
1973	13.1	9 95.	.06	81.87	31.5	4 17	1.44	139.90	42.68	209.	.28 166.	60 100.0	1 346	5.89 246.88	114.82	253.9	0 139.0	8 67.02	93.43	26.41	65.84	80.85	15.01	92.91 75.99	-16.92	135.8	0 141.97	6.17	60.64	118.67	58.03	20.18	122.06	101.88	35.46	208.84 173	3.39
1974	30.1	6 19	6.64	166.4	8 55.1	2 309	9.59	254.47	61.10	287.	.18 226.	08 76.36	228	3.05 151.69	84.80	327.1	3 242.3	3 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
1975	15.3	5 10	0.34	84.99	18.1	9 85.	.87	67.68	33.16	137.	.23 104.	07 79.60	160	0.42 80.82	73.43	178.5	3 105.1	40.76	133.54	92.78	66.26	69.00	2.75	102.50 41.07	61.43	105.8	1 41.61	-64.20	27.58	93.10	65.52	16.95	122.29	105.34	18.88	130.75 113	1.86
1976								73.60	30.40	74.7	71 44.3	0 69.81	139	0.26 69.45	64.97	191.9	1 126.9	4 64.22	208.13	143.91	56.60	121.8	5 65.25	105.43 88.61	+16.82	114.8	8 76.15	-38.73	43.10	131.94	88.83			86.23 11.75 78 466.47 65.09 40 88.70 35.20 22 182.87 31.82 19 42.65 16.32 10 68.79 38.39 23 42.53 13.60 90 52.79 10.30 72 25.25 15.85 93 74.90 8.97 58 56.97 9.22 71 130.90 18.53 11 101.88 35.46 20 106.83 14.50 11 105.34 18.88 13 205.46 63.81 37 49.43 11.41 86 206.00 31.31 20 147.93 32.96 21 195.17 60.95 39 68.61 17.55 10 59.06 29.72 15 69.45 11.67 84 114.47 19.75 13 <			
1977	31.0	6 19	9.65	168.5	961.5	1 342	2.78	281.27	45.15	194.	.67 149.	52 77.33	146	5.74 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	103.6	4 39.36	-64.28	43.67	46.28	2.61			86.23 11.75 78 466.47 65.09 40 88.70 35.20 22 182.87 31.82 19 42.65 16.32 10 68.79 38.39 23 42.53 13.60 90 52.79 10.30 72 25.25 15.85 93 74.90 8.97 58 56.97 9.22 71 130.90 18.53 11 101.88 35.46 20 106.31 44.50 11 105.34 18.88 13 205.46 63.81 37 49.43 11.41 86 106.50 21.83 16 205.46 63.81 37 9.43 11.41 86 106.50 21.83 16 260.90 31.31 20 147.93 32.96 21 195.17 60.95 39			
1978	10.4	3 73	.46	63.03	24.9	0 12	8.84	103.94	34.14	151.	.60 117	.46 74.71	238	3.48 163.77	91.78	289.0	1 197.2	3 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	86.23 11.75 78. 466.47 65.09 40. 88.70 35.20 22. 182.87 31.82 19. 42.65 16.32 10. 68.79 38.39 23. 42.53 13.60 90. 52.79 10.30 72. 25.25 15.85 93. 74.90 8.97 58. 56.97 9.22 71. 130.90 18.53 11. 105.34 18.88 13. 205.46 63.81 37. 49.43 11.41 86. 106.50 21.83 16. 205.46 63.81 37. 49.43 11.41 86. 106.50 21.83 16. 260.90 31.31 20. 147.93 32.96 21. 195.17 60.95 39. 68.61 17.55 10. 59.34 14.01		164.97 142	3.14
1979	30.7	1 16	8.86	138.1	4 45.2	3 20	8.38	163.15	34.04	109.	.02 74.9	8 73.99	207	7.67 133.68	86.15	272.8	4 186.6	9 59.72	130.01	70.29	80.11	59.12	-20.99	78.90 70.55	-8.35	102.9	4 80.01	+22.93	30.32	70.27	39.95	53.14	314.04	260.90	31.31	202.96 171	1.05
1980	38.8	3 25	1.17	212.3	4 49.9	6 269	9.88	219.91	47.28	234	.61 187.	.34 83.38	3 222	2.30 138.92	108.06	436.2	3 328.1	7 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	J.94
1981	24.4	8 16	7.04	142.5	6 42.0	4 24	3.39	201.36	89.26	477.	.13 387	.87 93.17	354	4.06 260.90	104.13	200.3	1 96.18	56.92	113.02	56.10	73.39	76.57	3.18	93.66 73.68	19.97	80.07	146.78	3 66.71	40.63	157.66	117.02	29.99	225.16	195.17	00.95	396.17 333	5.22
1982	46.4	8 32	2.69	276.2	1 32.1	5 18	9.59	157.43	47.74	227	.41 179	.67 73.75	5 319	9.81 246.06	102.82	321.3	4 218.5	2 74.87	170.78	95.91	77.22	54.31	22,91	103.30 63.29	40.01	111.9	7 85.09	20.28	36.25	82.78	40.53	13.58	82.19	08.01	17.55	107.20 89.	.05
1983	15.6	7 11	3.70	98.02	26.2	9 13:	2.90	106.61	32.58	103	3.24 70.6	6 73.18	3 133	3.00 59.82	57.94	74.45	16.51	38.04	146.01	107.97	67.89	149.8	7 81.98	113.86 79.00		85.54	131.05	40.15	40.09	60.79	20.71	10.75	09.82	59.00	29.12	15/.19 12	1.47
1984	33.2	3 21	3.89	180.6	6 57.8	5 34	8.31	290.46	62.17	335	5.70 273	.53 100.2	27 361	1.20 260.93	123.94	296.2	5 172.3	0 62.61	112.49	49.87	87.59	45.47	42.12	84.35 43.83	> <u>-40.50</u>	8 91./9	42.04	-49.15	47.17	58.27	11.11	11.90	51.30	09.45	11.07	04.00 /3.	12
1985	19.6	5 12	4.90	105.2	5 27.2	7 12	7.63	100.35	37.54	149	0.47 111	.93 77.12	2 188	8.49 111.37	68.79	186.0	5 117.2	6 58.70	68.16	9.46	91.14	28.67	+62.47	115.94 22.33	93.60	1112.4	0 39.87	12.53	43.13	51.28	8.15	22.24	136./1	114.47	19.75	130.71 110	7.90
1986	23.7	5 16	0.69	136.9	4 81.3	3 42	0.84	339.51	78.64	386	6.94 308	.30 91.98	3 263	3.44 171.47	79.76	218.9	0 139.1	4 65.18	146.78	81.60	67.73	109.1	3 41.40	121.87 76.88	5 <u>-45.00</u>	1110.4	0 77.74	-38.00	50.77	102.80	52.09	12.40	13.34	02.88	04.21 55.	44	
1987									34.54	164	.84 130	.29 102.4	18 442	2.78 340.30	95.17	203.6	4 108.4	7 61.82	129.13	67.31	95.25	50.39	-44.8/	100.64 37.90	1 -02.74	E 108.0	3 70.28	-31.10	10.72	22.01	42.95	10.88	13.05	50.74	91.42 /0.	00	
1988								57.26	25.94	99.9	93 73.9	72.2	3 122	2.76 50.53	82.15	94.50	12.35	48.42	58.48	10.05	83.51	22.79	00.72	121.94 16.00		N 105.7	2 21.33	84.59	33.09	33.91	0.83	8.59	07.93	59.34	14.01	101.82 87.	01
1989					1				36.80	138	8.63 101	.82 52.63	3 103	3.60 50.97	79.45	201.3	7 121.9	135.91	138.05	102.75	04.34	100.6	2 30.28	110.21 74.18	6-30.303		4 34.01	-27.13	33.37	110.90	03.42	11.70	74.91	21.20	12.03	66 20 53	09
1990	1							39.80	29.80	62.6	67 32.8	37 46.6	0 75.	.96 29.35	78.30	66.86	114	100.02	33.42	-22.00	81.48	13.07	-07.81	99.91 12.3	5 -6/.36	100.7	5 15.33	-91.42	30.22	25.41	17.20	12.15	30.45	31.29	11.30	72.00 61	51
1991					1			79.26	43.84	163	3.94 120	09 60.70	5 22	5.45 104.09	98.77	213.4	4 174.0	/ /4./1	159.33	84.02	50.97	50.05	5.00	99.02 32.9		90.77 1	43.00	41.70	45.51	42.05	17.30	13.29	00.99 84.00	70.20	05 96 72	20	
1992								48.80	23.86	62.1	70 38.8	54.3	8 16	8.43 114.05	73.99	90.44	10.45	50,95	93.08	42.74	89.50	71.20	-18.23	124.31 42.3	2 +81.99		08 30.10	-05.58	31.20	43.95	12.75	13.70	04.09	/0.39	05.00 15.	60	
1993	1							50.09	28.03	101	1.78 73.7	4 77.2	9 11	7.21 39.91	/5.83	83.70	1.87	52.07	20.00	+13.81	07.04	19.00	-00.04		A CRANK	107.0	10.33	75.09	29.41	20.40 10.02	265	5 70	-10.00	30.92	8 10		72
1994	1				1			60.04	34.53	84.0	o7 50.1	14 55.0	4 11' < 17	7.23 02.19	94.90	119.0	1 24.72	50.37	37.89	0.55	302.40	20.53	-50.07	113.11 23.70	1 109.41	10/./	9 32.00	24.55	JO.41	40.00	2.03	1200	04 21	30.02	20.20	164 15 12/	4 28
1995								50.38	20.28	68.2	23 47.9	15 12.8	5 17.	3.64 100.78	13.11	150.2	0 82.49	58.07	08.22	9.55	38.94	33.37	1001	84.05 49.0		1/2.34	52 41	24.33	33.81 78 57	04.27 59.20	10.39	12.00	54.21 61.90	48.04	22.07	174 51 141	1 59
1996	144.2	23 24	0.60	196.	/[39.	04 21	1.28	171.65	[51.88	254	1.54 202	.06 122.	90 42	1.57 304.48	80.57	293.2	7 200.7	1 /3.42	148.23	/4.81	100.97	42.10	-24,81	97.82 31.20	\$ 190,34	اد.دد	23.41	2.10	36.37	30.29	19.71	12.00	01.00	40.74	132.93	174.01 141	
					-				1						107.00	010	0.106.4	0.00.07	100.00	(7.14	2001	(0.40	10.00	107 12 46 04	61.04	107.00	61.14	26.22	142 81 120	0.37							
Average	24.1	18 15	1.83	127.0	5 36.	1 19	2.61	156.51	47.11	213	3.02 165	.91 81.1	9 23	0.53 155.35	87.30	213.4	0 126.1	0129.82	126.95	07.11	15.24	02.49	-12.75	107.13 46.0	5 -01.04	197.85	01.10	-30.73	31.13	/4.20	157.66 117.02 29.99 225.16 195.17 60.95 396. 32.78 46.53 13.58 82.19 68.61 17.55 107. 56.79 20.71 10.75 69.82 59.06 29.72 157. 58.27 11.11 11.90 81.36 69.45 11.67 84.8 51.28 8.15 22.24 136.71 114.47 19.75 130. 102.86 52.09 12.46 75.34 62.88 8.99 64.2 59.67 42.95 10.88 73.05 62.17 12.82 91.4 118.98 83.42 11.76 72.91 61.15 12.83 90.7 25.41 10.81 5.15 36.45 31.29 12.38 66.2 50.61 17.30 13.29 86.99 73.69 11.48 72.9 43.95 12.75 13.70 84.09 70.39 12.18 85.8 23.43 1033 5.43 46.66 41.23 7.15 45.7 40.86 2.65					144.01 120	3.37

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Units: 10³m³

Units: m³/sec

Avera	ige Annual I	Balance
TD	TS	Net
1,788,998	3,100,561	1,311,563
2,277,389	7,010,270	4,732,881
2,902,380	11,344,822	2 8,442,442
1,630,917	4,231,015	2,600,098
2,021,281	5,170,779	3,149,498
1,987,221	4,605,573	2,618,352
1,650,411	3,960,698	2,310,287
1,576,284	2,608,891	1,032,607
2,002,773	4,414,083	2,411,310
1,807,141	4,433,143	2,626,001
1,625,718	3,572,849	1,947,131
1,429,548	3,612,000	2,182,452
2,021,957	4,972,433	2,950,476
1,922,728	5,500,920	3,578,192
1,551,257	3,353,377	1,802,119
1,797,922	4,766,080	2,968,158
1,751,333	3,535,547	1,784,214
1,731,945	3,972,126	2,240,181
1,831,380	4,908,535	3,077,155
2,091,209	6,074,644	3,983,435
2,044,277	6,819,528	4,775,251
1,912,069	5,254,174	3,342,105
1,548,853	3,519,179	1,970,326
2,007,664	5,246,785	3,239,122
1,797,994	3,251,046	1,453,052
2,070,627	5,452,946	3,382,319
1,770,155	4,117,319	2,347,164
1,606,186	1,981,486	375,301
1,492,791	3,118,680	1,625,888
1,507,710	1,416,649	+91,061
1,614,433	3,495,061	1,880,629
1,572,571	2,376,467	803,897
1,583,104	1,631,475	48,371
1,546,281	1,876,234	329,953
1,416,900	2,891,963	1,475,063
1,874,764	5,175,567	3,300,803
1 200 0/0	1010 (00	0 114 600
1,799,060	4,243,692	2,444,632

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		Jan		1	Feb	1	1	Mar			Apr		May		Jun			Jul			Aug			Sep			Oct			Nov			Dec		Aver	age Annual	Balance
Year	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS Net	D	TS Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS N	et	TD	18	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	2 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	1.16	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	7 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			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 .	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	7 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		1.78	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		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	0.52	39,742	307,314	267,572
1977	0.98	11.09	10.11	1 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		8.10	1.38	4.70	3.32	1.74	3.23	1.49	0.82	3.89	3.07		2.93	2.11	0.24		2.73	0.63	7.59 6.		44,578	339,088	294,510
1979	1.90	20.27	18.37	7 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		3.32	2.40	1.54	3.65	2.12	ŧ		3.07	2.75	28.79		1.13	12.57 11		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		5.53	0.93	10.66		1.40	15.30 13		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		15.46 12.97			6.60	0.91	4.04	3.13	1.11		2.27	1.38		2.17	1.03	10.69		0.79		8.42	2.29	24.13 21		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	3.33	2.21	1 ··· ·	3.02	1.95	1.30		1.79	0.41	3.26	2.85	0.31	4.07	3.76	1.29	14.14 12		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		7.87 6.42	0.99	9.64	8.65	0.99	8.02	7.03	1	3.49	1.84	1.11		3.22		3.55	2.67	0.47	6.07	5.59	1.15	12.79 11		35,662	257,873	222,212
1984	1.61	17.26	15.60	5 1.69	18.25	16.56	2.06	20.18	18.13	3.43			29.39 25.20		7.22	6.34	1.10	3.87	2.77	1.01	4.00	2.99	1.64		2.73		3.68	2.67	0.46	5.55	5.09	0.24	3.48 3.		50,082	383,586	333,504
1985	1.29	14.21	12.91	1 1.50	14.81	13.30	2.10	20.72	18.62	2.88		2.37	19.35 16.99		6.80	5.87	1.10	2.88	1.78	1.73	1.57	0.16	1.66	2.39	0.73		2.72	1.92	2.01	21.42		0.96	10.71 9.		50,076	370,137	320,061
1986	1.75	18.80	17.05	5 4.38	42.81	38.43	4.29	42.88	38.59	3.63		2.57	23.22 20.65		13.57		1.16	8.81	7.65	2.01	4.40	2.40	1.95	3.63	1.69		3.39	2.50		3.58	3.31	0.20	3.14 2.	94	63,770	507,940	444,170
1987	1.11	12.38	3 11.2	7 1.64	17.79	16.15	1.39	15.37	13.99	3.04	25.89 22.85	2.64	16.12 13.48	1	7.55	6.65	1.17	4.35	3.18	1.71	2.53	0.81	1.59	2.02	0.43		3.15	2.94			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		1.76			8.01 6.01	0.50		3.13	1.00	1.46	0.45	1.72	1.26	-0.46	1.33	1.83	0.50		2.22	1.76	0.36	4.91	4.55	0.88	10.08 9.		29,984	161,610	131,626
1989	0.37				5.76	5.27	1.47				1	1.42	10.40 8.98	0.81	6.03	5.22	0.67	4.98	4.30	1	2.76	1.05	1.42		1.30		6.44	5.74	0.47	5.90	5.43	0.61	7.23 6.		29,873	202,491	172,618
1990	0.42		4.64			4.84	0.72	4.98		1.38		1.51	5.98 4.47	0.74	3.75	3.01	0.82	1.98	1.15	1.16	1.50		1.30	2.09	0.79			1.55	0.16	-	2.78	0.80	9.25 8.		26,555	140,452	113,897
1991	0.59			-		8.77	2.66		22.44			3.00	23.25 20.25		9.50	8.17	0.80	4.28	3.47	0.88	3.25	2.36	1.13	2.62	1.49	1	3.77	2.85	0.79	9.22	8.43	0.58	7.04 6.		41,647	336,299	294,652
1992	0.28					2.98	0.34	3.19	-	1.68			7.13 5.60	0.50		4.26	0.98	3.18	2.20	1.54	1.28	0.27	1.43	1.19	0.24	•	2.72	2.34	0.52	6.15	5.63	0.57	6.95 6.		26,142	149,281	123,139
1993	0.27					2.97	1.01	8.83	7.82	2.32	14.74 12.42		6.91 5.49	1	3.38	2.75	1.01	1.65	0.64	1.49	1.12	-0.37	1.62	1.28	-0.34	1	1.90	1.55	0.16	2.93	2.77	0.66	7.82 7.	1	28,919	149,230	120,311
1994	0.92		2 9.60	1	10.48		1.44	12.34		1.82			9.20 7.13	i	4.26	3.51	0.81	3.27	2.46		1.98		1.72	1.70	-0.02	•	2.04	1.29	0.12	2.35	2.23	0.11	2.16 2.		32,673	197,741	165,068
1995	0.56		•			6.76	0.84	7.79		1.98	14.93 12.95			1		4.84	0.53	2.74		1.40			1.35	6.80	5.45			3.28			5.32	3.13	32.56 29		38,729	290,099	251,370
1996	2.73	28.3	8 25.6	6 1.75	18.83	17.08	2.37	24.78	22.41	5.28	46.26 40.99	3.20	26.24 23.04	1.18	8.26	7.08	0.92	3.90	2.98	1.29	3.74	2.45	0.93	4.37	3.43	0.81	6.02	5.21	1.17	12.60	11.43	2.96	30.88 27	.92	63,718	555,369	491,651
Average	11 12	123	8 11 2	6 1 45	15 20	13.76	1.88	18 47	16 54	2.76	22.66 19.90	247	17.60 15.13	1 07	8 34	7 27	1 03	4 4 5	3.42	1 49	2.92	1.44	1 49	3.19	1.70	0.75	4.27	3.51	0.73	8.38	7.65	1.09	12.13 11	.03	44,899	336,809	291,910
23verage	1	. 12.3	· 11.2	~ [1.75	1.3.20	10.10	11.00	10.42	. 10.04	12.70	22.00 17.70	#- T f	11.00 1.1.1.	11.07	0.34	1.21	1.05	1.45	J.T.	1	~~~~~	4.11	1	5.17	1.70			~~~	22			1					

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Units: m³/sec

Units: 10³m³

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

									AV	ERAGE	MONT	HLY WA	TER E	ALANCE I		E PERIO IVER BA			ASED	INFUI	UKED	EMAN	J (2005)	•										oms. n	sec		Units. 10 m
		Jan		<u> </u>	Feb		Т	Mar			Apr			May		Jun		T	Jul		1	Aug		1	Sep		<u> </u>	Oct		Т	Nov			Dec	A	verage Annual	Balance
Year	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD TD	TS Net	TD	TS ·	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS Ne	TD	TS	Net
1961	0.54		4.87	0.62	6.16	5.54	0.78	7.82	7.04	1.33			1.39	13.87 12.4		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 5.2	2 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 12.3	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	32.5	29.27	3.78	37.76	33.99	2.84	28.42	25.58	2.86	28.56	25.70	2.76	27.60 24.8	34 2.00	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 9.3	2 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 13.0	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 6.7	5 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 19.0	52 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 4.7	4 23,041	230,412	207,371
1966	0.74	7.40	6.66	0.68	6.76	6.08	1.07	10.66	5 9.60	1.45	14.54	13.09	1.74	17.37 15.0	53 1.64	16.43	14.79	0.33	3.31		0.15	1.54	1.39	0.18	1.80	1.62	1	2.04	1.84	0.64	6.42	5.78	1.29	12.88 11.	· · ·	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.	36 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 4.7	-	2	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 11.0	57 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 4.3		215,498	193,949
1969	0.5	5,74	5.17	1.19	11.94	10.75	1.60	16.01	l 14.41	2.18	21.77	19.59	2.73	27.33 24.0	50 0.68	6.81	6.13	0.19	1.88	1.69	0.15		1.32	0.17		1.53	1	1.47	1.32	0.11	1.09	0.98	0.69	6.92 6.2	- 1,	269,906	242,916
1970	1.5	15.8	14.30	1.32	13.17	11.85	2.19	21.93	3 19.73	3 2.44	24.43	21.99	1.33	13.25 11.9	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 1.1	7 30,058	300,580	270,522
1971	1.3	3 13.7	5 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.	1		7.05	0.25		2.28	í		1.41	0.39		3.49		2.76	2.49	0.22	2.22	2.00	0.22	2.20 1.9		195,526	175,974
1972	0.1	3 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 6.6				0.40		3,64	0.33		3.00	0.47	4.73			8.03	7.23	0.76	7.58	6.83	0.66	6.57 5.9		176,282	158,654
1973	0.6	l 6.07	5.47	0.82	8.25	7.42	0.77	7.68	6.91	1.03	10.31	9.28	1.89		03 0.90			0.16		1.48	0.47	4.74	4.26	0.95		8.59		6.29	5.66	0.67	6.72	6.05	1.29	12.91 11.		266,219	239,597
1974	0.7	5 7.61	6.85	1.01	10.08	9.07	0.99	9.86	8.87	0.89	8.92				39 1.34		12.08			5.49	0.39		3.53	0.48		4.34		6.07	5.46	0.67	6.67	6.00	0.57	5.65 5.0		262,687	236,418
1975	0.3	3.87	3.48	0.36		3.21	0.69		6.19	1.23					95 0.61		6.07	0.32	3.24	2.91	0.20		1.77	0.14		1.30		4.45	4.00	0.49	4.92	4.43	0.44	4.41 3.9		182,510	164,259
1976	0.4		4.12	0.52		4.70	0.62			0.91				14.52 13.			10.43		5.54	4.99	0.40	4.05	3.64	0.22	2.23	2.00	1	3.29	2.96	1.02	10.24		2.04	20.41 18.		251,288	226,160
1977	0.8			1.26			1.08		5 9.68	1.09	10.91		0.89	8.86 7.9	· •		5.10	0.23	2.26	2.03	0.27	2.72	2.45	0.30	2.97	2.67	1	3.21	2.89	0.38	3.80	3.42	0.45	4.48 4.0		198,825	178,943
1978	0.2			1.00		8.97	1.47		0 13.2					31.48 28.			9.24	0.29		2.61	0.20	1.97	1.78	0.38		3.40	1	2.32	2.09	0.24	2.42	2.18	0.43	4.32 3.8		290,240	261,216
1979	1.3			1			1.10		8 9.88	1.23			1.77	17.69 15.			7.98	0.41		3.69	0.07	0.68	0.61	0.30	3.00	2.70		3.50	3.15	1.16	11.56		0.69	6.91 6.2	,	276,182 275,555	248,564 248,000
1980	0.8			0.87		7.87	0.93			1.17				21.27 19.			14.12			4.42	0.26	2.56	2.30	0.17		1.50	0.41	4.09	3.68	0.71	7.08 7.33	6.37 6.59	1.07 2.30	10.74 9.6 23.04 20		318,768	248,000
1981	0.4			0.76		6.85	3.05		2 27.4					9.38 8.4	1.		7.97	0.36		3.24	0.30	2.98	2.69	0.42		3.75	0.48	4.81	4.33 2.30	0.75	2.53		0.39	3.89 3.5		191,085	280,891
1982	0.8			0.47		4.27	0.99		1990 - A. B. A.	1.42		12.75	1.16	11.65 10.	1		5.97	0.29	2.94	2.65	0.32	3.25	2.92	0.34	3.39 1.77	3.05	0.26	2.56 1.54	2.30 1.38	0.25	2.55 3.89	2.28 3.50	0.43	4.30 3.8		162,343	146,109
1983	0.3			1		6.02	0.64			1			0.53	5.26 4.7	· •			0.82	8.21	7.39 3.07	0.19	1.94 2.91	1.75 2.62	0.18	2.53	1.59 2.27	0.15	1.71	1.56	0.39	2,45	2.20	0.23	2.28 2.0			243,056
1984	0.8			1.45			1.29						2.37	23.68 21. 13.48 12.	1		7.57	0.34	3.41 2.90	2.61	0.29	2.91	1.83	0.23	0.98	0.88	0.17	0.73	0.66	0.41	4.07	3.66	0.62	6.21 5.5	1 .	182,240	164,016
1985	0.2			1		5.33	0.97			1.55			1.35		42 1.1			•	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 3.1		320,822	288,740
1986 1987	0.8			2.13		19.20 5.85	1.88			1 2.08			1.72	17.21 15.			8.36	0.35		3.13	0.15	1.54	1.38	0.13		1.16	1	1.81	1.63	0.29	2.92	2.63	0.45	4.53 4.0		179,862	161,876
1987	0.2			0.03		5.85 2.67	0.65			1.10	12.09		0.96	9.64 8.6	ł			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 3.4		-	112,606
1989	0.2					2.56	0.05	7.94					1.60	15.98 14.				0.72		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 3.4			171,072
1989		1 3.11				2.30	0.32			0.55			0.45	4.48 4.0			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 1.2		81,029	72,927
1991	0.2			1		3.03	0.77			0.91			1.57	15.65 14.				0.27		2.47	0.17	1.74	1.57	0.14		1.26	0.09	0.93	0.84	0.42	4.20	3.78	0.22	2.16 1.9		157,226	141,503
1992	0.2					3.23	0.40						1.06	10.60 9.5				0.29	2.88	2.59	0.17	1.69	1.53	0.17	1.69	1.52	0.31	3.09	2.78	0.49	4.91	4.42	0.49	4.93 4.4	· · ·	143,348	129,014
1993	0.3					3.14	0.76			1		9.00		8.14 7.3			2.60	0.15	1.52	1.37	0.15	1.45	1.31	0.17	1.66	1.50	0.19	1.92	1.73	0.22	2.23	2.01	0.42	4.21 3.7	-	-	113,560
1994	0.5					4.60	0.82			1.19				11.29 10.				0.17	1.70	1.53	0.13	1.30	1.17	0.13	1.32	1.18	0.16	1.63	1.47	0.25	2.54	2.28	0.17	1.72 1.5	5 14,398	143,979	129,581
1995	0.3					6.36	0.41			1.33				16.33 14			5.65	1		4.44	0.65	6.53	5.88	1.00		8.97	0.29	2.87	2.58	0.16	1.64	1.48	1.21	12.07 10	87 22,905	229,051	206,146
1996		4 14.4					1.14		1 10.2					22.45 20.				1	2.27		0.18	1.79	1.61	0.19	1.85	1.67	0.15	1.49	1.34	0.24	2.35	2.12	0.94	9.39 8.4	5 26,614	266,135	239,522
<u> </u>		·		<u>. 17 ii</u>						•						· .		-																:			
Avera	ge 0.1	0 6.98	6.28	0.83	8.30	7.47	1.07	10.6	6 9.59	1.39	13.92	12.52	1.56	15.63 14	07 0.8	9 8.85	7.97	0.41	4.06	3.66	0.27	2.65	2.39	0.30	2.96	2.66	0.31	3.09	2.78	0.53	5.27	4.74	0.72	7.20 6.4	8 23,221	232,209	208,988

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Units: m³/sec

AVERAGE MONTHLY	WATER BALANCE FOR THE PER	RIOD 1961-1996 BASED ON	FUTURE DEMAND (2005)

Var Feb Feb <th></th> <th>TRESI</th> <th>(A RIV</th> <th>ER BA</th> <th>SIN - B</th> <th>2-3</th> <th></th>																TRESI	(A RIV	ER BA	SIN - B	2-3																	
TD TS Net TD TS TS TS TS TS	Vear		Jan			Feb			Mar			Apr			May			Jun			Jul			Aug						Oct		ļ	Nov			Dec	
992 0.33 3.44 3.94 4.47 4.49 9.84 2.93 2.84 0.31 2.84 0.31 2.84 0.21 2.74 6.94 3.93 2.94 2.93 2.90 2.75 2.93 2.93 2.94 0.93 3.93 0.93 3.93 0.93 3.93 0.93 3.93 0.93 3.93 0.93 2.93 0.93	1 641	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
1986 108 128 228 244 238 <td>1961</td> <td>0.81</td> <td>8.05</td> <td>7.25</td> <td>0.32</td> <td>3.23</td> <td>2.91</td> <td>2.24</td> <td>22.38</td> <td>20.14</td> <td>5.93</td> <td>59.26</td> <td>53.33</td> <td>1.34</td> <td>13.35</td> <td>12.02</td> <td>0.46</td> <td>4.58</td> <td>4.13</td> <td>0.38</td> <td>3.79</td> <td>3.41</td> <td>0.31</td> <td>3.14</td> <td>2.83</td> <td>0.26</td> <td>2.63</td> <td>2.37</td> <td>0.15</td> <td>1.47</td> <td>1.32</td> <td>0.08</td> <td>0.80</td> <td>0.72</td> <td>0.24</td> <td></td> <td></td>	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		
100 906 806 607 707 700 727 720 720 840 727 620 721 621 720 624 620 721 621 521 621 521 621 521 621 521 621 521 621 521 621 <td>1962</td> <td>0.35</td> <td>3.54</td> <td>3.19</td> <td>0.48</td> <td>4.78</td> <td>4.30</td> <td>2.93</td> <td>29.34</td> <td>26.41</td> <td>2.92</td> <td>29.22</td> <td>26.30</td> <td>1.36</td> <td>13.55</td> <td>12.20</td> <td>0.74</td> <td>7.44</td> <td>6.69</td> <td>0.43</td> <td>4.32</td> <td>3.89</td> <td>0.31</td> <td>3.12</td> <td>2.81</td> <td>0.23</td> <td>2.30</td> <td>2.07</td> <td>0.72</td> <td>7.24</td> <td>6.51</td> <td>3.18</td> <td>31.77</td> <td>28.59</td> <td>2.25</td> <td>22.55</td> <td>20.29</td>	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
1966 0.78 7.12 7.08 0.79 7.08 1.51 1.52 1.57 <th< td=""><td>1963</td><td>3.83</td><td>38.26</td><td>34.43</td><td>3.26</td><td>32.56</td><td>29.30</td><td>4.90</td><td>49.03</td><td>44.13</td><td>3.04</td><td>30,38</td><td>27,34</td><td>2.86</td><td>28.57</td><td>25.71</td><td>1.64</td><td>16.37</td><td>14.73</td><td>0.60</td><td>6.00</td><td>5.40</td><td>0.40</td><td>3.99</td><td>3.60</td><td>0.39</td><td>3.87</td><td>3.48</td><td>0.69</td><td>6.92</td><td>6.22</td><td>0.61</td><td>6.10</td><td>5.49</td><td>1.52</td><td>15.25</td><td>13.72</td></th<>	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
106 0.05 0.85 0.86 1.85 1.10 0.25 1.85 1.77 1.60 1.52 2.60 0.55 4.14 1.10	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					
1967 0.77 774 6.97 5.97 5.14 111 1109 988 163 16.29 16.29 16.29 16.29 16.29 12.29 12.40 12.29 12.41 12.90 13.0 2.90 13.0 2.90 13.0 2.90 13.0 2.90 13.0 2.90 13.0 2.90 13.0 2.90 13.0 2.90 33.0 33.1 34.1 34.0 <	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	L	2.64	2.38	0.28			0.63		
1060 0.61 0.63 0.547 0.59 0.54 0.55 0.52 0.57 0.66 0.50 0.53 0.70 0.61 0.70 0.50 0.20 2.80 2.00 2.81 2.90 0.83 3.70 3.41 0.81 3.41 0.83 3.71 3.41 0.81 3.75 3.41 0.81 3.71 3.61 0.70 0.50 2.50 2.70 0.62 2.51 2.70 0.62 2.51 2.70 0.52 2.57 0.70 0.50 2.51 2.71 1.51 </td <td>1966</td> <td>0.96</td> <td>9.65</td> <td>8.68</td> <td>1.46</td> <td>14.63</td> <td>13.16</td> <td>0.96</td> <td>9.59</td> <td>8.63</td> <td>1.19</td> <td>11.89</td> <td>10.70</td> <td>1.05</td> <td>10.52</td> <td>9.46</td> <td>0.86</td> <td>8.56</td> <td>7.71</td> <td>0.67</td> <td>6.70</td> <td>6.03</td> <td>0.17</td> <td>1.67</td> <td>1.51</td> <td>0.06</td> <td>0.59</td> <td>0.53</td> <td>0.25</td> <td>2.48</td> <td>2.23</td> <td>0.69</td> <td>6.92</td> <td>6.23</td> <td>1</td> <td></td> <td>10.62</td>	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		10.62
100 103 3.7 104 103 <td>1967</td> <td>0.77</td> <td>7.74</td> <td>6.97</td> <td>0.57</td> <td>5.71</td> <td>5.14</td> <td>1.11</td> <td>11.09</td> <td>9.98</td> <td>1.63</td> <td>16.26</td> <td>14.64</td> <td>1.66</td> <td>16.63</td> <td>14.96</td> <td>0.62</td> <td>6.22</td> <td>5.60</td> <td>0.55</td> <td>5.49</td> <td>4.94</td> <td>0.31</td> <td>3.10</td> <td>2.79</td> <td>0.30</td> <td></td> <td>2.72</td> <td>1</td> <td></td> <td>2.53</td> <td>1</td> <td>4.78</td> <td></td> <td></td> <td></td> <td></td>	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		2.72	1		2.53	1	4.78				
100 100 101 100 101 100 101 101 101 100 <td>1968</td> <td>0.61</td> <td>6.08</td> <td>5.47</td> <td>0.90</td> <td>8.96</td> <td>8.06</td> <td>0.65</td> <td>6.46</td> <td>5.81</td> <td>0.85</td> <td>8.52</td> <td>7.67</td> <td>0.66</td> <td>6.56</td> <td>5.91</td> <td>0.70</td> <td>7.01</td> <td>6.30</td> <td>i .</td> <td>2.89</td> <td>2.60</td> <td>0.24</td> <td></td> <td>2.18</td> <td>0.29</td> <td>2.88</td> <td>2.59</td> <td>1</td> <td>3.79</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	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	i .	2.89	2.60	0.24		2.18	0.29	2.88	2.59	1	3.79		1					
104 1039 938 0.70 6.58 6.28 114 1135 10.22 12.39 13.95 12.85 13.6 12.64 0.44 4.45 4.00 0.38 3.87 0.38 3.88 2.86 0.75 5.68 5.11 0.24 2.44 10.24 2.15 10.24 1.44 10.25 1.57 1.52 1.51 10.24 1.22 12.16 10.04 0.75 7.68 5.11 0.75 7.68 5.11 0.75 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.57 7.68 5.11 0.51 <td>1969</td> <td>0.38</td> <td>3.79</td> <td>3.41</td> <td>0.81</td> <td>8.15</td> <td>7.33</td> <td>2.06</td> <td>20.55</td> <td>18.50</td> <td>1.78</td> <td>17.78</td> <td>16.00</td> <td>1.67</td> <td>16.68</td> <td>15.01</td> <td>0.58</td> <td>5.83</td> <td>5.25</td> <td>0.53</td> <td></td> <td>4.78</td> <td>1.</td> <td></td> <td>2.32</td> <td></td> <td>2.71</td> <td>2.44</td> <td></td> <td>2.49</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td>	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		4.78	1.		2.32		2.71	2.44		2.49						•	
1972 0.12 0.12 0.12 0.12 0.12 1.12 <th< td=""><td>1970</td><td>1.29</td><td>12.94</td><td>11.64</td><td>0.87</td><td>8.69</td><td>7.82</td><td>1.70</td><td>17.05</td><td>15.34</td><td>1.78</td><td>17.79</td><td>16.01</td><td>1.13</td><td>11.31</td><td>10.18</td><td>0.67</td><td>6.68</td><td>6.01</td><td></td><td>3.37</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td></th<>	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		3.37			-					•			1					
1073 0.50 4.89 4.90 0.68 6.73 5.86 1.16 11.05 10.60 0.77 7.86 6.82 0.43 4.27 3.84 0.30 4.27 4.32 2.22 2.23 8.23 7.49 0.49 4.40 4.40 0.47 4.51 0.46 6.33 5.88 1.16 11.05 0.67 6.76 6.77 0.71 11.09 122 12.21 12.14 12.21 12.14 12.21 12.14 12.21 12.14 12.31 12.41 12.3 12.41 12.3 12.41 12.3 12.41 12.3 12.41 12.3 12.41 12.3 12.41 12.3 <	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		4.89	1	3.92	3.53	1		2.86	F F			1			1		
1974 0.80 7.95 7.16 105 10.52 9.47 113 11.27 11.21 12.11 10.00 19.27 12.21 10.90 6.16 6.14 5.53 0.29 2.50 0.38 3.77 3.40 0.47 4.66 4.19 0.48 4.83 4.35 0.52 5.21 4.60 1975 0.44 4.81 4.30 0.55 5.10 6.07 6.74 6.60 5.85 6.60 5.85 6.60 5.85 6.60 5.85 6.60 6.55 6.60 6.55 7.77 6.66 6.05 5.42 0.31 3.14 2.83 0.26 2.26 2.36 0.15 5.10 6.61 5.25 0.21 6.14 5.53 0.29 2.50 2.61 6.44 0.83 3.77 0.40 6.44 4.83 4.33 1.41 1.33 1.41 1.30 1.31 1.43 1.39 1.14 1.39 1.41 1.39 1.41	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		3.64	1			1			0.73			1			1		
1075 0.04 4.45 4.00 0.16 1.45 0.67 6.76 6.77 6.78 <th< td=""><td>1973</td><td>0.50</td><td>4.98</td><td>4.49</td><td>0.68</td><td>6.78</td><td>6.10</td><td>0.65</td><td>6.53</td><td>5.88</td><td>1.16</td><td>11.63</td><td>10.46</td><td>0.76</td><td>7.58</td><td></td><td></td><td>4.27</td><td></td><td>0.30</td><td>3.04</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>7.49</td><td>!</td><td></td><td></td><td>1.</td><td></td><td></td><td>1</td><td></td><td></td></th<>	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			4.27		0.30	3.04		1					7.49	!			1.			1		
1976 0.48 4.83 0.51 5.10 4.50 0.84 8.35 7.50 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 4.64 0.20 3.82 3.44 0.64 6.42 5.78 1.47 13.03 1977 0.73 7.29 6.56 1.46 1.45 1.37 0.88 8.85 7.60 0.51 5.13 4.62 0.28 2.81 2.43 0.46 6.40 7.8 0.80 6.33 5.10 1.50 0.56 6.52 1.47 1.48 0.90 6.70 6.70 6.75 6.83 3.39 0.26 2.53 0.45 0.40 0.28 2.82 2.44 0.44 4.31 3.01 3.03 3.01 3.01 3.02 2.03 3.44 2.04 3.03 3.02 2.04 0.84 8.35 7.6 0.51 5.10 4.50 0.50 2.2	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						· · · · ·						1					
1977 0.73 7.29 6.56 1.46 1.33 1.33 1.74 6.46 0.35 7.51 0.77 7.56 6.50 1.45 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 1978 0.52 5.16 4.64 0.78 7.80 7.02 0.69 6.92 6.23 1.27 12.73 11.44 1.90 1.89 1.00 6.45 4.50 0.45 4.33 3.90 0.29 2.93 2.64 0.36 3.64 2.75 0.48 4.13 3.71 0.48 4.78 4.30 1979 1.24 12.38 1.14 1.27 12.73 1.14 1.93 1.27 12.73 1.44 1.93 1.27 1.23 1.14 1.93 1.23 1.27 1.23 1.14 1.93 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23 1.23	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																		1 ·			1		
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 1970 1.24 1.238 1.14 1.27 1.267 1.15 1.15 1.15 1.14 1.39 1.27 1.29 1.42 0.66 6.91 6.22 6.23 5.01 0.57 6.53 0.29 2.87 0.20 2.87 7.28 0.82 6.21 0.47 7.7 6.6 0.61 6.57 6.20 0.61 6.57 6.20 0.61 6.53 6.22 6.64 6.44 3.09 0.29 2.84 2.77 2.50 0.61 6.52 6.20 6.61 5.55 0.60 6.54 5.81 0.22 2.17 1.59 1.24 1.08 1.11 1.09 1.27	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		8.85		1						1			I .								
1379 1.14 1.27 1.26 1.24 1.28 0.21 2.17 1.26 0.23 3.17 2.60 0.33 3.10 0.47 4.28 0.31 3.15 0.33 3.14 1.33 1.34 1.41 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31 1.31	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				ł															1					
108 10.8 10.9 10.7 10.7 9.65 6.47 6.83 0.21 0.21 2.10 14.4 14.9 10.9 10.7 10.3 5.21 0.22 2.10 10.3	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.												1					
1081 0.00 6.00 <th< td=""><td>1979</td><td>1.24</td><td>12.3</td><td>3 11.14</td><td>1.27</td><td>12.67</td><td>11.40</td><td>1.36</td><td>13.57</td><td>12.21</td><td>1</td><td></td><td></td><td>1</td><td></td><td></td><td>1</td><td></td><td></td><td>1</td><td></td><td>-</td><td>1</td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	1979	1.24	12.3	3 11.14	1.27	12.67	11.40	1.36	13.57	12.21	1			1			1			1		-	1			1											
118 11.0 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 0.31 3.14 2.83 0.31 3.05 2.75 0.33 3.29 2.96 0.70 7.02 6.32 1983 0.44 4.37 3.94 0.72 7.18 6.46 0.69 6.39 6.23 0.64 6.39 5.75 0.62 6.17 5.55 0.33 3.99 2.90 2.61 0.31 3.12 2.81 0.22 2.19 0.44 4.39 3.95 0.66 6.77 6.00 0.30 3.99 3.50 0.22 2.24 1.02 1.02 1.01 1.01 1.01 1.09 1.07 1.075 5.55 4.03 3.49 3.20 2.42 1.02 1.02 1.02 1.02 1.02 1.02					1			ļ			1			1						1			1			1			1			1			I		
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1985 0.68 6.77 6.09 0.80 7.96 7.17 1.12 11.16 10.4 1.45 13.11 1.20 11.97 10.77 0.53 5.32 4.79 0.30 3.01 2.71 0.22 2.22 1.99 0.22 2.24 2.02 0.95 9.54 8.58 0.67 6.70 6.03 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 3.29 2.96 0.47 4.70 4.23 1987 0.60 6.03 5.43 0.91 9.14 8.23 0.84 8.36 7.52 1.66 1.57 0.59 6.44 6.25 0.35 3.46 3.11 0.23 2.31 2.08 0.21 2.14 1.92 0.20 2.00 1.88 0.31 3.10							-,					+																· •	1			1			1		
$ \begin{array}{c} 1866 & 6.07 & 6.03 & 6.07 & 6.03 & 6.00 & 1.70 & 1.12 & 11.10 & 11.03 & 1.12 & 11.10 & 11.01 &$		1 .			1						1.					-	1			1			· ·			1			1			- ·					
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 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 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 1989 0.45 4.49 4.04 0.27 2.69 2.42 0.63 6.87 0.33 1.30 2.79 0.57 5.71 5.14 1990 0.34 3.39 3.05 0.33 3.27 2.94 0.21 2.07 1.87								I .			1			F. C			1 .						1			1 ·			1						1		
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 1.88 0.31 3.10 2.79 0.57 5.71 5.14 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 1990 0.48 4.85 4.36 0.59 5.90 5.31 1.18 11.82 10.64 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21 1.21								i			1											-	1 .						E C						1		
$\begin{array}{c} 1989 \\ 1990 \\ 1990 \\ 0.48 \\ 4.85 \\ 4.39 \\ 3.05 \\ 0.33 \\ 3.27 \\ 2.94 \\ 0.21 \\ 2.07 \\ 1.87 \\ 0.56 \\ 5.51 \\ 1.18 \\ 11.8 \\ 11$											1							-											E			1					
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 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 4.42 1992 0.40 3.96 3.56 0.40 4.02 3.62 0.41 4.08 3.68 0.89 8.94 8.04 0.70 7.01 6.31 0.49 4.88 4.39 0.38 3.79 3.41 0.29 2.90 2.61 0.29 2.87					1		-	1						1			1			1			1														
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$\begin{array}{c} 1992\\ 1992\\ 1993\\ 0.42\\ 4.16\\ 3.74\\ 0.40\\ 3.56\\ 0.56\\ 5.98\\ 0.66\\ 6.63\\ 5.96\\ 0.56\\ 5.03\\ 4.53\\ 0.62\\ 6.22\\ 5.60\\ 0.55\\ 5.54\\ 4.98\\ 1.01\\ 10.1\\ 10.11\\ 9.10\\ 1.01\\ 10.11\\ 9.10\\ 1.04\\ 10.43\\ 9.39\\ 0.55\\ 5.47\\ 4.92\\ 0.55\\ 5.47\\ 4.92\\ 0.42\\ 4.19\\ 3.77\\ 0.48\\ 4.77\\ 4.30\\ 0.67\\ 6.74\\ 6.07\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.42\\ 4.18\\ 3.76\\ 0.43\\ 4.27\\ 3.84\\ 1.52\\ 1.$		1			1						ł					î.	1			1						1									1		· · · ·
1993 0.42 4.16 3.74 0.40 3.96 3.56 0.68 6.76 6.09 0.92 9.20 8.28 0.63 6.30 5.67 0.39 3.86 3.47 0.30 2.97 2.67 0.28 2.79 2.51 0.29 2.89 2.60 0.31 3.15 2.83 0.35 3.55 3.19 0.56 5.57 5.01 1994 0.66 6.65 5.98 0.66 6.63 5.96 0.80 8.00 7.20 1.01 10.07 9.07 7.82 7.04 0.43 4.34 3.90 0.35 3.52 3.11 0.29 2.89 2.60 0.31 3.12 2.81 0.34 3.45 3.10 0.32 3.18 2.86 1995 0.50 5.03 4.53 0.62 6.22 5.60 0.55 5.54 4.98 1.01 10.14 9.39 0.55 5.47 4.92 0.42 4.19 3.77 0.48 4.77 4.30 0.67 6.74 6.07 0.42 4.18 3.76 0.43								1.			1			1									1 . ·			1						1			1.		
1994 0.66 6.65 5.98 0.66 6.63 5.96 0.80 8.00 7.20 1.01 10.07 9.07 0.78 7.82 7.04 0.43 4.34 3.90 0.35 3.52 3.17 0.30 3.01 2.71 0.29 2.93 2.64 0.31 3.12 2.81 0.34 3.45 3.10 0.32 3.18 2.86 1995 0.50 5.03 4.53 0.62 6.22 5.60 0.55 5.54 4.98 1.01 10.11 9.09 0.55 5.47 4.92 0.42 4.19 3.77 0.48 4.77 4.30 0.67 6.74 6.07 0.43 4.27 3.84 1.52 15.24 13.72								1						- ·			1			1						1						1			1		
1995 0.50 5.03 4.53 0.62 6.22 5.60 0.55 5.54 4.98 1.01 10.11 9.10 1.04 10.43 9.39 0.55 5.47 4.92 0.42 4.19 3.77 0.48 4.77 4.30 0.67 6.74 6.07 0.42 4.18 3.76 0.43 4.27 3.84 1.52 15.24 13.72		1									1						1.			1	-		1			1						1			1		
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1990 11.40 14.50 13.11 [1.0/ 10.05 9.59 11.2/ 12.0/ 11.40 [2.13 21.32 19.19 [1.00 15.9/ 14.3/ 0.00 5.96 5.36 [0.39 3.60 3.4/ [0.5/ 3.06 5.32 [0.39 3.90 5.51 [0.45 4.51 3.88 [0.00 0.30 5.9/ 14.4/ 14.05 12.02	-				1			1			1						1			1	-		1														
	1990	[1.4 0	14.5	0 13.11	11.07	10.05	9.59	11.27	12.07	11.40	12.13	21.32	12.12	11.00	12.97	14.57	10.00	5.96	5.36	10.39	3.80	5.47	10.57	3.06	3.32	10.39	3.90	3.31	10.45	4.91	3.00	10.00	0.30	5.91	11.40	14.05	12.02
Average 0.79 7.89 7.11 0.81 8.13 7.32 1.19 11.90 10.71 1.44 14.36 12.92 1.24 12.38 11.14 0.69 6.88 6.19 0.43 4.29 3.86 0.31 3.11 2.80 0.32 3.22 2.90 0.36 3.64 3.27 0.58 5.78 5.20 0.71 7.13 6.41	Average	0.70	7 80	711	0.81	8 13	732	1 10	11.00	10.71	1 44	14 36	12.02	1 24	12 38	11 14	10.69	6 88	6 19	0.43	4 70	3 86	0.31	3 1 1	2.80	0.32	3.22	2.90	0.36	3.64	3.27	0.58	5.78	5.20	0.71	7.13	6.41

Units: 10³m³

	erage Annual	
TD	TS	Net
32,414	324,140	291,726
41,259	412,588	371,329
61,506	615,059	553,553
21,638	216,379	194,741
24,575	245,748	221,173
24,624	246,236	221,612
22,567	225,667	203,100
16,277	162,772	146,495
25,123	251,227	226,105
24,524	245,236	220,713
23,265	232,654	209,388
19,607	196,073	176,466
19,190	191,899	172,709
26,641	266,413	239,772
16,127	161,270	145,143
20,439	204,390	183,951
16,932	169,318	152,386
20,951	209,507	188,556
28,562	285,624	257,061
26,348	263,476	237,128
24,279	242,785	218,507
19,897	198,966	179,069
16,794	167,937	151,143
24,227	242,269	218,042
21,705	217,051	195,346
30,853	308,535	277,681
19,429	194,288	174,860
12,912	129,121	116,209
18,305	183,050	164,745
8,971	89,715	80,743
20,895	208,954	188,058
14,744	147,442	132,698
14,299	142,992	128,693
16,257	162,568	146,311
21,305	213,055	191,749
30,454	304,538	274,084
22,997	229,971	206,974

Units: m³/sec

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TRESKA RIVER BASIN - B2																																							
Year		Jan	1		Feb			Mar			Apr			May			Jun			Jul			Aug			Sep			Oct			Nov			Dec		Avera	ige Annual	Balance
1 cai	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS 1	Net	TD	TS	Net	m	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS N	let	TD	TS	Net
1961	1.93	20.62	2 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	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 1	0.94	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	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 7	2.07	133,815	1,205,193	1,071,378
1963	12.01	121.3	33 109.3	3 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 4	5.08	208,188	1,980,799	1,772,611
1964	2.55	26.61	l 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 1	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 3	0.78	88,319	800,433	712,113
1965	3.14	32.71	1 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 1	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 2	4.82	111,241	956,981	845,741
1966	3.85	39.74	4 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 1	1.99	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 3	9.38	105,717	929,658	823,941
1967	2.69	27.98	3 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 1	3.94	83,407	736,883	653,476
1968	2.05	21.81	1 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 1	1.62	73,550	611,875	538,325
1969	1.31	14.41	1 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 2	5.57	99,076	853,738	754,662
1970	5.08	52.13	3 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 1	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 1	1.19	108,360	973,973	865,612
1971	4.05	41.7	5 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	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	13.6	1 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 1	7.83	76,351	688,699	612,348
1973	1.55	16.70	6 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 3	2.38	96,598	828,440	731,842
1974	3.07	31.94	4 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 1	6.63	107,143	950,390	843,248
1975	1.32	14.1	7 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 1	5.64	65,461	552,584	487,122
1976	1.41	15.2	3 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 5	1.92	85,310	762,992	677,682
1977	2.56	26.8	7 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 1	4.22	75,619	626,341	550,722
1978	1.21	13.3	7 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 1	5.37	94,553	838,835	744,282
1979	4.44	45.6	8 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 2	5.30	109,804	1,022,100	912,296
1980	3.32	34.4	6 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 3	0.20	111,031	987,805	876,774
1981	1.89	20.2	2 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 4	8.05	104,712	958,568	853,856
1982	3.89	40.1	5 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 2	2.66	79,621	715,693	636,072
1983	1.30	14.2	6 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 2	1.59	68,690	588,153	519,464
1984	3.38	35.0	2 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 1	3.30	101,315	895,917	794,602
1985	2.26	23.9	0 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 2	1.37	90,006	769,428	679,423
1986	3.62	37.5	2 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	20.9	3 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 1	4.13	79,254	677,896	598,642
1988	0.95	10.7	4 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 1	7.81	55,408	415,849	360,441
1989	1.10	11.8	5 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 1	3.58	67,186	575,622	508,436
1990	1.07	11.5	5 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 1	2.17	43,629	311,196	267,567
1991	1.29	14.2	0 12.91	1.75	18.86	17.11	4.61	44.66	40.05	4.68	46.25	41.56	5.90	52.19	46.29	3.01	26.32	23.31	1.49	11.18	9.69	1.41	8.51	7.10	1.60	7.26	5.66	1.36	8.17	6.81	1.81	19.42	17.61	1.28	13.99 1	2.71	78,265	702,478	624,214
1992	0.96	10.5	6 9.60	1.10	10.93	9.84	1.15	11.27	10.12	3.56	32.80	29.24	3.29	24.74	21.45	1.51	14.83	13.32	1.65	9.85	8.20	2.00	5.87	3.87	1.89	5.75	3.87	1.06	9.51	8.45	1.54	16.30	14.77	1.61	17.37 1	5.76	55,221	440,072	384,851
1993	1.04	11.5	1 10.47	0.98	10.66	9.68	2.45	23.22	20.77	4.24	33.93	29.70	2.86	21.35	18.49	1.30	10.13	8.83	1.46	6.14	4.68	1.92	5.36	3.44	2.08	5.83	3.75	0.86	6.97	6.11	0.74	8.71	7.97	1.63	17.61 1	5.97	55,836	418,400	362,564
1994	2.11	22.3	3 20.23	3 2.09	22.22	20.14	3.06	28.55	25.49	4.01	37.95	33.93	3.98	28.30	24.32	1.56	12.28	10.72	1.33 .	8.49	7.16	1.61	6.29	4.68	2.15	5.95	3.81	1.22	6.79	5.57	0.72	8.33	7.62	0.60	7.07 6	.47	63,327	504,288	440,961
1995	1.39	15.1	6 13.77	2.11	20.84	18.73	1.80	17.44	15.64		38.34	34.02	4.51	40.19	35.68	2.10	17.52	15.42	1.44	11.86						23.50	20.48	1.87	11.48	9.62	1.03	11.67	10.64	5.86	59.88 5	4.01	82,940	732,205	649,266
1996	5.63	57.3	9 51.70	5 3.89	40.22	36.33	4.78	48.86	44.08	9.33	86.82	77,49	7.04	64.65	57.61	2.31	19.51	17.20	1.54	10.03	8.50	1.84	9.21	7.38	1.51	10.12	8.61	1.39	11.83	10.44	2.06	21.51	19.45	5.30	54.30 4	8.99	120,785	1,126,042	1,005,257
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Average	2.61	27.2	6 24.65	5 3.09	31.64	28.55	4.13	40.98	36.85	5.59	50.94	45.35	5.27	45.61	40.35	2.64	24.08	21.44	1.87	12.81	10.94	2.06	8.69	6.63	2.11	9.36	7.26	1.43	11.00	9.57	1.83	19.43	17.60	2.53	26.45 2	3.93	91,117	798,989	707,872

Units: m³/sec

Units: 10³m³

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005))
DOUDLY DUTTE DACING DO 1	

													· •		PCHD	JA RI	VER BA	ASIN - I	33-1																	
Year	ļ	Jan			Feb			Mar		1	Apr			May	·		Jun			Jul			Aug			Sep			Oct			Nov			Dec	
Ical	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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		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		3.16
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
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
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
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
1985	0.36		3.28	0.32	3.14	2.81	1.03		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		1.18
1986	0.32		2.88	1.15	11.32	10.17	1.03		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
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
1988	0.19	1.93		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
1989	0.14			0.23	2.25	2.01	0.42	4.04	3.62	0.50	4.78	4.28	1.05			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
1990	0.26			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
1991	0.08			0.23	2.25	2.02	0.72	7.04	6.32	1.07	10.54		1.24		10.68		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
1992	0.16			0.19	1.76	1.57	0.48	4.63	4.15	1.20	11.83		0.33	2.78	2.45	0.74	7.00	6.27	0.39	3.21	2.81	0.19	0.83	0.64	0.13	0.48	0,34	0.08	0.46	0.38	0.15	1.43	1.28	0.23	2.28	2.05
1993	0.22			0.15	1.42	1.27	0.53	5.21	4.68	0.69	6.39	5.70	0.25	1.83	1.59	0.10	0.55	0.45	0.10	0.24	0.14	0.12	0.14	0.02	0.12	0.21	0.09	0.06	0.38	0.32	0.08	0.81	0.73	0.11	1.15	1.03
1994	0.17	1.71		0.17	1.70	1.53	0.21	1.91	1.70	0.37	3.41	3.03	0.21	1.33	1.12	0.12	0.86	0.75	0.11	0.60	0.49	0.12	0.27	0.15	0.12	0.25	0.13	0.07	0.37	0.30	0.07	0.65	0.59	0.08	0.76	0.68
1995	0.12			0.21	2.02	1.81	0.23	2.22	1.99	0.57	5.33	4.76	0.54	4.93	4.39	0.26	2.21	1.95	0.17	1.50	1.33	0.22	1.62	1.40	0.28	2.24	1.96	0.18	1.40	1.21	0.45	4.46	4.02	0.84	8.39	7.56
1996	0.77	7.72	6.94	0.62	6.23	5.60	0.57	5.58	5.01	1.59	15.49	13.90	0.75	7.16	6.41	0.22	1.81	1.59	0.11	0.55	0.45	0.12	0.44	0.31	0.25	2.02	1.78	0.21	1.69	1.49	0.23	2.27	2,04	0.49	4.90	4.41
	12.1-			1			1			1.0.05			1			1									10.00			10.05			10.00		0.51	10.05		
Average	0.43	4.32	3.88	0.58	5.79	5.21	0.78	7.71	6.93	0.87	8.38	7.51	0.71	6.61	5.90	0.46	4.25	3.79	0.29	2.37	2.08	0.20	1.16	0.95	0.21	1.32	1.11	0.22	1.94	1.72	0.28	2.79	2.51	0.37	3.74	3.37

Units: m³/sec

Units: 10³m³

		<u></u>
TD	rage Annual	
	TS	Net
17,431	162,731	145,300
17,917	168,798	150,882
22,212	211,842	189,630
16,207	153,344	137,137
15,448	144,628	129,180
19,762	186,303	166,541
18,106	171,990	153,884
10,699	97,059	86,359
17,400	162,160	144,760
20,044	190,681	170,637
17,515	165,817	148,302
12,703	119,772	107,069
15,589	144,913	129,324
20,270	194,144	173,874
12,363	114,736	102,372
20,772	197,954	177,182
14,354	132,568	118,214
13,319	122,566	109,247
11,188	102,552	91,364
15,730	147,186	131,457
14,109	132,018	117,909
13,888	127,910	114,022
10,932	100,937	90,005
12,903	118,748	105,845
12,147	110,410	98,263
11,457	103,938	92,481
10,538	95,184	84,646
8,846	76,710	67,864
14,032	131,246	117,214
7,088	59,046	51,958
13,211	122,950	109,739
11,057	99,247	88,190
6,571	53,352	46,781
4,706	35,829	31,123
10,550	97,289	86,739
15,388	144,804	129,416
<u> </u>		
14,068	130,593	116,525

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED ON FUTURE DEMAND (2005)	i)
PCHINJA RIVER BASIN - B3-2	

															PCHI	IJA RI	VER BA	SIN - F	33-2														
V		Jan			Feb		1	Mar			Apr		r	May			Jun			Jul			Aug			Sep			Oct		L	Nov	
Year	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TÐ	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
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
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
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	100200000	0.46	4.26	3.80	0.64	6.37	5.73
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
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
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
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
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
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
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	C	0.71	0.90	0.20	0.43	0.66	0.23	0.11	0.86	0.74
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
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
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
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
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		9.25
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
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	Contraction of the local division of the loc	0.71	2.29	1.57	0.52	1.72	1.20	0.17	1.40	1.24
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		0.98	1.29	0.31	0.42	1.45	1.03	0.52	5.29	4.77
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		1.03	6.13	5.10	0.87	1.30	0.43	1.00	0.95		0.86	1.02	0.16	0.49	2.81	2.32	0.32	3.18	2.86
1981	0.29	2.92	2.63	0.48	4.73	4.25	1.36	12.26		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		0.65	2.28	1.63	0.48	2.44	1.96	0.44	4.48	4.04
1982	0.69	6.77	6.07	0.41	3.77	3.36	0.78	6.53	5.75	1.21		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
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
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	CTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	0.89	1.35	0.46	0.48	1.01	0.52	0.12	1.09	0.97
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	-	0.35	0.65	1.06	0.57	-0.49	0.41	0.66	0.25	0.20	2.14	1.93
1986	0.31	3.22	2.91	0.92		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
1987	0.17	1.77		0.30	2.54	2.24	0.49	4.50	4.00	1.31	10.12		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
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
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
1990	0.21	1.85		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	-	0.34	-0.59	1.08	0.38	-0.70	0.33	0.48	0.16	0.09	0.77	0.68
1991	0.14	1.40		0.33		2.56	0.57	4.57	4.00	0.96	8.21	7.25	1.68	12.08		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
1992	0.19	1.65		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	1.04	2.54	1.49	1.15	0.62	-0.52	4	0.68	-0.24	8	0.76	0.37	0.16	1.40	1.23
1993	0.21	2.07		0.18	1.53	1.35	0.43	3.44	3.01	0.93	4.74	3,81	0.89	3.07	2.18	0.63	1.25	0.62	0.82	0.19	-0.63		0.19	-0.98	1.02	0.27	-0.74	0.27	0.52	0.24	0.07	0.84	0.77
1994	0.15	1.46		0.17		1.30	0.37	1.69	1.32	0.61	3.36	2.75	0.91	2.22	1.31	0.48	0.88	0.40	0.57	0.62	0.05	1.08	0.36	0.72	0.99	0.37	-0.62	0.38	0.53	0.14	0.08	0.71	0.63
1995	0.11	1.17		0.28	2.08	1.80	0.29	1.98	1.69	0.77	3.75	2.98	0.91	4.56	3.65	0.65	1.92	1.27	0.33	1.30	0.97	0.69	1.18	0.48	0.74	2.45	1.71	0.57	1.56	0.98	0.28	2.93	2.65 2.21
1996	0.77	7.61	6.85	0.54	5.54	4.99	0.76	6.78	6.02	1.64	12.54	10.90	1.43	10.65	9.21	0.89	3.81	2.91	0.66	1.10	0.44	0.90	0.93	0.03	0.62	2.24	1.62	0.52	1.74	1.22	0.26	2.47	2.21
Auora	0.36	3.57	3.21	0.50	4.63	4.13	0.74	6.22	5.48	1.09	7.60	6.51	1.14	674	5.60	0.78	3.98	3.20	0.84	2.30	1.46	1.04	1.39	0.35	0.96	1.45	0.49	0.47	1.98	1.51	0.29	2.83	2.54
Averag	0.50	5.51	5.21	10.50	4.03	4.13	0.74	0.22	2.46	11.09	7.00	0.51	[1.14	0.74	5.00	10.70	3.90	5.40	10.04	2.50	1.70	11.04	1.09	0.00	10.00		0.12	10.17	A	1.51	10.20		

P 50

Units: m³/sec

v	<u> </u>	1	Dec	
	Net	TD	TS	Net
	2.76	0.39	3.98	3.59
	6.12	0.72	7.25	6.54
	3.27	0.51	5.20	4.69
	5.73	0.59	5.94	5.35
	1.58	0.31	3.19	2.88
	2.40	0.38	3.88	3.50
	1.38	0.18	1.91	1.73
	1.45	0.23	2.42	2.19
	0.81	0.23	2.36	2.14
	3.04	0.38	3.74	3.37
	0.74	0.09	0.96	0.87
	5.16	0.45	4.37	3.91
	4.22	0.79	7.72	6.93
	1.87	0.18	1.84	1.66
	3.01	0.42	4.04	3.62
3	9.25	0.90	8.76	7.86
	1.51	0.14	1.46	1.32
	1.24	0.41	4.15	3.74
	4.77	0.38	3.83	3.44
	2.86	0.33	3.37	3.04
	4.04	1.02	10.28	9.26
	2.12	0.30	3.06	2.76
	1.49	0.28	2.70	2.43
	0.97	0.11	0.96	0.85
	1.93	0.18	1.75	1.57
	0.78	0.11	1.11	1.00
	1.33	0.17	1.65	1.48
	1.22	0.16	1.70	1.54
	3.21	0.25	2.50	2.25
	0.68	0.22	2.33	2.11
	3.01	0.23	2.16	1.94
	1.23	0.15	1.63	1.47
	0.77	0.12	1.32	1.19
	0.63	0.09	0.86	0.77
	2.65	0.72	7.25	6.53
	2.21	0.49	4.93	4.44
	2.54	0.35	3.52	3.17

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

Oct Nov Jan Feb Mar May Jun Jul Aug Sep Apr Year TD TS TS TS Net TD TS Net TD TS Net TD TS Net TD TS Net TS TS TD TS TS Net ITD Net TD TD Net TD Net Net TD 7.61 3.12 -2.65 0.39 1.17 -5.74 8.91 0.47 1961 -2.53 3.06 3.27 0.20 3.25 1.40 -1.85 6.30 0.56 0.33 -8.58 7.94 0.32 0.28 1.24 0.96 0.98 1.15 0.17 1.62 1.78 0.16 3.90 1.38 7.49 7.17 -1.64 0.35 1.83 3.29 2.91 4.44 2.33 0.93 1.40 5.97 0.57 5.40 7.86 0.37 0.32 6.85 2.22 0.58 -0.38 5.58 1.14 0.92 3.93 3.01 1962 0.31 0.84 0.53 0.50 1.02 0.52 0.83 0.56 0.62 -7.87 7.00 0.45 6.55 1.42 0.59 0.74 3.39 2.79 -0.60 4.03 1.68 2.35 3.57 1.60 +1.97 5.35 0.58 477 8.26 0.39 1963 0.45 2.95 2.49 0.57 3.93 3.36 1.48 2.23 2.36 4.13 0.67 1.60 1.59 0.01 3.01 1.55 -1.46 3.76 1.91 1.85 3.72 1.37 -3.45 7.61 0.39 7 21 4.46 0.50 3.96 0.60 0.76 0.17 0.41 1.33 1964 0.39 0.51 0.12 0.86 0.99 0.13 3.57 0.21 0.39 5.21 8.08 0.32 -7.76 3.91 0.33 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 1965 0.33 1.77 1.44 0.36 1.08 0.72 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 3.71 1.61 2.09 5.29 1.14 1.12 1.18 0.06 1966 0.36 2.06 1.69 0.97 2.45 1.48 6.10 3.11 0.38 273 0.25 0.45 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 1967 2.90 2.55 0.66 1.89 1.66 0.78 0.88 6.67 0.32 1.84 1.02 0.81 3.74 0.84 6.35 5.60 0.37 5 24 7.22 0.44 6.78 3.33 0.39 2.94 0.23 0.60 0.55 1968 0.25 0.89 0.64 0.66 1.21 5.53 7.21 0.39 6.82 7.83 0.37 7.46 3.91 0.34 3.57 0.54 0.42 0.73 2.68 3.26 2.17 -1.09 6.67 1.12 5.55 3.39 0.64 2.76 6.04 0.51 1969 0.26 1.04 0.78 0.42 2.40 1.99 1.95 2.04 3.07 1.10 2.04 3.82 1.78 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 0.47 1.83 1.80 2.48 0.68 3.71 1.67 1970 0.33 1.74 1.41 1.36 7.07 5.12 0.57 -4.56 3.38 0.49 2.89 0.54 0.44 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 1971 0.33 1.39 1.06 0.31 1.02 0.71 1.86 0.94 0.92 2.21 0.82 1.38 4.72 0.92 -3.81 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 0.34 0.87 0.54 1972 0.22 0.62 0.40 3.30 0.68 0.70 -3.41 5.98 0.47 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 -5.51 8.43 0.85 7.58 3.94 0.63 1973 -7.77 5.20 0.57 -0.97 0.40 0.82 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 4.62 1.64 0.67 1.64 1.99 0.35 1974 0.28 1.26 0.98 0.41 2.37 1.95 6.21 7.37 0.50 6.88 1.46 0.70 0.77 0.42 0.74 -0.13 4.04 0.88 -3.16 6.67 0.46 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 1975 2.08 2.86 2.02 +1.51 7.03 0.42 6.61 7.82 0.24 7.58 2.68 0.80 1.88 0.82 2.14 1.99 0.76 1.23 3.87 1.79 0.85 2.97 2.24 -0.73 2.44 0.92 1976 0.36 0.60 0.24 0.89 1.34 0.45 4.59 6.58 0.27 -6.31 7.97 0.28 -7.69 3.22 0.34 2.88 0.39 0.36 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 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 1.42 1.95 0.54 2.89 2.86 0.03 4.14 2.38 4.21 1.48 1978 0.32 0.51 0.19 0.77 1.54 0.77 4.70 6.96 0.36 2.05 4.86 0.41 6.60 2.64 0.46 2.18 0.46 2.97 1979 0.86 1.01 0.15 1.66 0.70 0.96 2.73 1.35 4.09 1.54 2.55 2.79 0.73 4.46 5.06 0.36 0.36 1.26 0.91
 161
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 278
 4.23
 0.23
 -5.45 7.09 0.28 6.81 6.26 0.28 5.98 2.15 0.68 -1 48 0.32 0.81 1.40 1.75 0.35 3.70 1.14 2.56 2.96 3.37 0.41 3.72 2.11 1980 0.44 1.77 1.32 1.01 1.77 0.76 5.27 3.07 0.29 4.00 6.45 0.41 6.04 3.78 0.58 -3.20 2.37 0.99 1.38 0.33 1.62 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 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 1982 0.51 1.69 1.19 0.67 1.32 0.64 2.34 7.09 0.29 6.80 5.04 0.46 4 58 3.31 0.55 2.76 0.23 0.63 2.79 1.28 1.02 -0.26 2.99 0.66 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 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 1984 0.31 1.53 1.22 0.75 2.49 1.74 1.04 2.19 1.15 3.07 2.84 2.07 3.51 0.35 7.55 7.96 0.12 7.83 3.23 0.16 3.07 0.25 0.78 3.47 1.01 2.46 2.89 0.82 -3.16 6.41 0.21 6.20 7.70 0.14 1985 0.32 0.88 0.56 0.89 0.94 0.05 1.03 1.68 0.66 -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 0.28 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 1986 5.98 7.23 0.12 2.95 6.55 0.21 6.34 6.09 0.11 7.11 1.24 0.28 0.96 0.39 0.43 0.80 1.58 0.79 3.00 1.88 3.54 3.62 0.67 -1.13 4.83 1.30 1987 0.21 0.50 0.29 0.81 1.25 0.44 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 2.51 0.78 1.42 0.64 4.17 0.75 -1 23 4.22 1.71 3.42 6.58 0.27 6.31 7.97 0.27 7.70 2.34 0.36 1.98 0.35 0.40 0.11 0.80 0.39 -0.92 2.07 0.84 1989 0.49 0.38 -0.41 1.86 0.94 0.06 0.96 0.51 0.45 2.04 0.52 1.52 2.47 0.55 1.92 5.29 0.45 4.85 3.79 0.23 3.56 6.07 0.10 5.97 7.18 0.07 -7.11 8.28 0.10 48.18 2.68 0.15 -2.54 0.34 0.23 1990 0.45 0.39 1.34 1.21 0.13 1.72 1.79 0.07 4.55 2.16 2.39 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 0.25 0.54 0.29 0.67 0.98 1991 0.31 -8.21 7.03 0.38 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 6.66 3.04 0.42 -2.62 0.52 0.61 1992 0.50 0.47 0.03 1.10 0.51 -0.59 1.60 0.84 5.83 8.91 0.29 4.54 3.66 0.37 3 29 6.13 0.30 8.62 8.01 0.30 771 2.19 0.33 1.86 0.21 0.40 0.11 1.18 1.37 0.19 4.27 1.37 -2.90 5.25 0.70 1003 0.32 0.56 0.23 0.59 0.48 2.01 0.54 1 46 2.69 0.89 1.80 5.99 0.56 5.43 3.00 0.38 2.63 4.05 0.35 3.71 8.30 0.32 7.98 7.68 0.31 -7.37 3.14 0.32 -2.82 0.39 0.36 1994 0.32 0.53 0.21 0.48 0.53 0.04 -0.64 3.63 0.87 276 4.17 0.91 3.26 3.53 0.54 **3.48** 0.24 0.75 2.59 0.43 0.75 2.99 1.91 0.41 1.50 4.95 0.35 4.60 4.36 0.53 3.82 3.88 0.40 0.20 0.41 0.21 0.92 0.53 0.39 1.17 0.52 1995 2.99 3.25 0.65 -1.13 3.43 1.84 1.59 4.15 0.91 3.24 4.14 0.48 -6.38 3.63 0.64 0.45 1.87 1.42 0.32 1.40 1.15 1.12 -0.04 3.77 2.65 -3.66 6.73 0.35 1996 1.09 Average 0.34 1.02 0.68 0.72 1.34 0.63 1.44 1.60 0.16 3.19 1.64 -1.55 4.28 1.41 -2.87 3.13 0.95 -2.18 4.75 0.52 -4.24 7.22 0.34 -6.89 6.67 0.39 -6.28 2.65 0.52 -2.13 0.39 0.78

Units: 10³m³

,		Dec	
Net	TD	TS	Net
0.77	0.27	1.19	0.92
1.48	0.35	1.95	1.60
0.06	0.24	0.83	0.59
0.92	0.29	1.40	1.10
0.19	0.23	0.77	0.54
0.44	0.27	1.16	0.89
0.20	0.22	0.69	0.47
0.37	0.23	0.76	0.53
-0.12	0.24	0.83	0.60
0.38	0.32	0.94	0.62
-0.10	0.28	0.51	0.23
0.59	0.42	0.86	0.44
0.02	0.50	1.22	0.72
0.42	0.21	0.60	0.39
0.31	0.38	0.84	0.45
1.32	0.63	2.56	1.93
+0.03	0.25	0.62	0.36
-0.12	0.27	1.19	0.92
2.51	0.34	1.10	0.76
0.49	0.29	1.38	1.09
1.29	0.45	2.92	2.47
0.12	0.23	0.71	0.48
0.40	0.38	1.17	0.78
0.03	0.34	0.43	0.09
0.53	0.28	0.47	0.20
-0.12	0.26	0.34	0.08
0.04	0.29	0.62	0.33
0.26	0.21	0.54	0.33
0.05	0.27	0.45	0.18
-0.11	0.20	0.41	0.22
0.44	0.36	0.59	0.23
0.09	0.24	0.87	0.63
0.19	0.21	0.51	0.30
-0.03	0.27	0.38	0.12
0.50	0.31	1.58	1.27
0.32	0.35	1.18	0.83
0.39	0.30	0.96	0.66

		011101 I V III
Ave	rage Annua	Balance
TD	TS	Net
103,763	36,939	-66,824
95,546	42,465	-53,081
94,151	48,303	-45,848
79,940	33,629	-46,310
90,498	34,669	-55,829
101,369	33,909	-67,460
83,683	28,465	-55,218
88,063	21,457	-66,605
104,957	33,496	-71,461
87,273	39,137	-48,136
84,447	28,504	-55,943
68,306	26,843	-41,463
98,346	32,445	-65,900
79,149	40,837	-38,312
83,025	27,671	-55,354
89,087	41,036	-48,051
97,300	23,111	-74,188
94,916	35,216	-59,701
85,027	31,714	-53,314
91,433	40,995	-50,438
83,361	39,583	43,778
98,238	32,493	-65,745
77,879	21,746	-56,133
94,587	33,741	-60,846
98,273	19,621	-78,651
94,210	29,880	-64,330
90,890	23,208	-67,682
102,376	14,345	-88,031
82,689	21,208	61,481
103,017	9,606	-93,411
84,267	28,861	-55,406
99,710	25,522	-74,188
106,042	18,088	-87,954
99,323	14,143	-85,181
75,860	20,222	-55,639
82,417	35,853	46,565
90,928	29,693	-61,235

Units: m³/sec

Year		Jan			Feb			Mar			Apr		
1641	TD	TS	Net	TD -	TS	Net	TD	TS	Net	TD	TS	Net	Π
1961	0.88	8.85	7.96	0.92	9.16	8.24	1.24	12.44	11.19	0.80	7.95	7.16	2.
1962	0.00	0.00	0.00	0.11	1.13	1.01	2.04	20.44	18.39	2.01	20.07	18.06	0.
1963	1.74	17.40	15.66	3.05	30.49	27.44	1.89	18.94	17.04	1.16	11.55	10.40	0.
1964	0.00	0.00	0.00	0.24	2.36	2.13	1.12	11.17	10.05	1.29	12.89	11.60	1.
1965	1.09	10.89	9.80	0.36	3.61	3.25	1.73	17.26	15.54	1.18	11.81	10.62	1.
1966	1.61	16.15	14.53	1.14	11.36	10.22	0.10	1.00	0.90	0.16	1.63	1.47	0.
1967	0.43	4.31	3.88	0.38	3.76	3.38	0.34	3.44	3.10	0.38	3.78	3.41	0.
1968	0.32	3.18	2.86	0.17	1.70	1.53	0.01	0.06	0.05	0.00	0.00	0.00	0.
1969	0.22	2.17	1.96	1.15	11.46	10.31	1.29	12.92	11.62	0.90	8.98	8.08	0.
1970	1.42	14.16	12.74	1.43	14.26	12.84	1.52	15.21	13.69	0.78	7.84	7.06	0

PCHINJA RIVER BASIN - B3-4 Oct N May Jun Sep TD TS Net TD TS TD TS Net TD тs Net TS TD Net Net TS ITD TS Net 6.95 6.25 0.03 0.32 0.28 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.45 4.53 2.78 27.80 25.02 0.69 0.15 1.46 1.31 0.05 0.50 0.45 0.00 0.00 0.00 0.09 0.88 0.79 1.27 12.6 0.61 6.11 5.50 0.64 6.45 5.80 0.00 0.00 0.00 0.02 0.15 0.20 2.04 1.83 0.37 3.69 3.32 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.06 10.60 9.54 0.69 6.92 6.23 0.04 0.41 0.37 0.00 0.00 0.00 0.05 0.53 0.47 0.28 2.79 2.51 0.58 5.84 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 1.13 11.30 10.17 0.15 1.52 1.37 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.79 0.71 0.00 0.00 0.00 0.00 0.00 0.00 0.08 0.79 0.12 1.17 1.05 0.43 4.25 3.83 0.00 0.00 0.00 0.36 3.60 3.24 0.00 0.01 0.01 0.00 0.06 0.55 0.14 1.41 1.27 0.00 0.00 0.00 0.66 6.57 5.92 0.28 2.82 2.54 0.11 1.06 0.95 0.00 0.00 0.00 0.12 1.25 1.12 0.00 0.00 0.00 0.09 0.90 0.00 0.00 0.00 0.04 0.39 0.35 0.05 0.54 0.49 0.05 0.47 0.42 0.00 0.00 1971 0.12 1.18 1.06 0.44 4.39 3.95 0.88 8.85 7.96 0.24 2.40 2.16 0.15 1.50 1.35 0.31 3.15 2.83 0.38 3.80 3.42 0.25 2.47 2.22 0.32 3.25 2.92 0.12 1.24 1.11 0.00 0.00 0.00 0.01 0.13 0.11 0.31 3.10 2.79 0.57 5.73 5.16 0.20 2.01 0.37 3.66 3.29 0.23 2.34 2.11 1972 0.29 2.90 2.61 0.07 0.72 0.65 0.10 0.98 0.88 0.04 0.39 0.35 0.19 1.90 1.71 0.00 0.01 0.00 0.04 0.00 0.00 0.00 0.32 3.22 2.90 0.60 6.00 5.40 1973 0.01 0.06 0.05 0.15 1.48 1.34 0.03 0.34 0.30 0.34 3.36 1.05 10.53 9.48 0.52 5.20 4.68 1.02 10.17 9.16 0.89 8.92 8.03 0.17 1.75 1.57 0.28 2.78 2.50 0.65 6.52 5.87 1.45 14.52 13.07 1974 0.26 2.64 2.38 0.08 0.83 0.75 0.03 0.31 0.28 0.23 2.31 2.08 0.16 1.59 0.37 3.68 3.31 0.22 2.22 2.00 0.31 3.06 2.75 0.43 4.33 3.90 0.20 2.02 1.82 0.31 3.08 2.77 1975 0.16 1.59 1.43 0.20 2.00 1.80 0.04 0.41 0.37 0.12 1.21 1.09 0.28 2.83 2.54 0.09 0.93 0.84 0.08 0.81 0.73 0.56 5.55 5.00 0.53 5.32 0.17 1.70 1.53 0.13 1.31 1.18 1976 0.16 1.59 1.43 0.10 1.03 0.92 0.01 0.10 0.09 0.06 0.61 0.55 0.17 1.67 1.30 13.01 11.71 0.92 9.17 8.25 0.85 8.47 7.63 0.40 3.96 3.57 0.23 2.27 2.04 1977 0.17 1.66 1.49 0.00 0.00 0.00 0.00 0.00 0.00 0.13 1.28 1.15 0.02 0.20 0.18 0.04 0.37 0.08 0.84 0.14 1.39 1.25 0.40 3.99 3.59 0.34 3.42 3.07 0.05 0.49 0.44 0.11 1.10 0.99 0.76 1978 0.04 0.39 0.35 0.00 0.02 0.02 0.06 0.56 0.50 0.07 0.70 0.63 0.03 0.28 0.25 0.59 5.89 1979 0.34 3.36 3.03 0.78 7.84 7.06 0.11 1.08 0.97 0.44 4.40 3.96 0.03 0.29 0.26 0.56 5.58 5.02 0.51 5.08 4.57 1.86 18.65 16.78 0.48 4.80 4.32 0.00 0.01 0.01 0.01 0.08 0.07 0.01 0.08 0.08 0.39 3.86 3.47 0.39 3.86 0.53 5.32 4.78 0.48 4.76 4.29 1980 0.25 2.49 2.24 0.23 2.27 2.05 0.12 1.19 1.07 0.07 0.73 0.66 0.66 6.60 5.94 0.20 2.02 1.82 0.88 8.81 0.65 6.45 5.81 0.08 0.81 0.73 0.23 2.33 2.10 0.85 8.49 7.64 1981 0.19 1.91 1.71 0.04 0.35 0.32 0.07 0.68 0.61 0.07 0.72 0.65 0.07 0.72 0.65 0.06 0.61 0.70 7.04 6.34 0.81 8.12 7.31 0.76 7.59 6.84 0.68 6.77 6.09 0.73 7.29 6.56 1982 0.64 6.35 5.72 0.09 0.85 0.77 0.22 2.17 1.95 0.15 1.55 1.39 0.30 3.03 1983 0.12 1.16 1.05 0.46 4.62 4.16 0.00 0.00 0.00 0.07 0.70 0.63 0.00 0.00 0.00 0.38 3.83 3.45 0.03 0.26 0.23 0.03 0.25 0.23 0.02 0.19 0.17 0.00 0.02 0.02 0.00 0.00 0.00 0.02 0.16 0.15 0.04 0.44 0.03 0.32 0.29 0.44 4.43 1.05 10.48 9.43 1.03 10.25 9.23 1984 3.99 1.72 17.20 15.48 0.71 7.06 6.36 0.61 6.15 5.53 0.06 0.58 0.52 0.14 1.38 1.24 0.00 0.00 0.00 0.01 0.05 0.05 0.02 0.23 0.21 0.45 4.48 1985 0.34 3.41 3.07 0.33 3.26 2.93 0.12 1.19 1.07 0.77 7.70 6.93 0.69 6.87 6.18 0.11 1.06 0.95 0.11 1.11 1.00 0.06 0.58 0.52 0.02 0.25 0.22 0.00 0.00 0.01 0.13 0.12 0.01 0.09 0.08 0.00 0.00 1986 0.70 6.96 6.26 1.09 10.92 9.83 0.52 5.21 4.69 0.07 0.69 0.62 0.03 0.31 0.28 0.06 0.58 0.52 0.06 0.63 0.57 0.02 0.21 0.19 0.16 1.56 1987 0.15 1.54 1.38 0.48 4.82 4.34 0.13 1.30 1.17 0.21 2.10 1.89 1988 0.00 0.03 0.02 0.22 2.16 1.95 2.08 20.76 18.68 0.97 9.68 8.72 0.28 2.77 2.49 0.02 0.22 0.20 0.01 0.08 0.08 0.42 4.22 3.80 0.13 1.32 0.02 0.15 0.14 0.02 0.18 0.17 1989 0.22 2.18 1.96 0.27 2.67 2.40 0.22 2.24 2.01 0.00 0.02 0.01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.04 0.44 0.39 0.14 1.43 1990 0.08 0.83 0.75 0.21 2.08 1.87 0.35 3.54 3.19 0.59 5.94 5.35 0.68 6.79 6.11 0.07 0.72 0.65 0.01 0.15 0.13 0.05 0.49 0.44 0.15 1.47 1.32 0.09 0.91 0.82 0.11 1.08 0.20 1.97 1.77 0.63 6.29 1991 5.66 1992 0.00 0.00 0.00 0.02 0.16 0.15 0.18 1.80 1.62 2.07 20.68 18.61 0.23 2.33 2.10 0.42 4.23 3.81 0.17 1.66 1.50 0.01 0.09 0.08 0.03 0.32 0.28 0.10 0.99 0.89 0.25 2.53 1993 0.03 0.28 0.25 0.03 0.34 0.31 0.07 0.74 0.06 0.60 0.54 0.30 3.04 2.73 0.10 1.01 0.91 1994 0.08 0.83 0.75 0.66 0.15 1995 0.00 0.00 0.00 0.02 0.17 0.13 1.34 1.20 1.07 10.71 9.63 0.76 7.63 6.87 0.46 4.56 4.11 0.15 1.49 1.34 0.00 0.00 0.00 0.15 1.50 1.35 0.26 2.57 2.31 0.28 2.81 1.07 10.70 9.63 0.66 6.58 5.92 1996 Average 0.38 3.77 3.39 0.56 5.63 5.07 0.67 6.65 5.99 0.61 6.12 5.51 0.52 5.15 4.64 0.24 2.40 2.16 0.09 0.90 0.81 0.03 0.27 0.24 0.07 0.72 0.65 0.11 1.10 0.99 0.22 2.24 2.01 0.37 3.72 3.34

Units: 10³m²

ov			Dec	
	Net	TD	TS	Net
3	4.08	0.49	4.93	4.44
59	11.42	1.41	14.08	12.68
5	0.14	0.10	1.02	0.91
4	5.25	0.71	7.14	6.43
0	0.00	0.25	2.49	2.24
9	0.71	0.53	5.30	4.77
0	0.00	0.02	0.21	0.19
9	1.52	0.30	3.00	2.70
5	0.50	0.46	4.57	4.12
D	0.81	0.21	2.06	1.85
0	0.00	0.00	0.00	0.00
1	1.81	0.17	1.65	1.49
4	0.03	0.21	2.08	1.87
6	3.03	0.14	1.41	1.27
9	1.43	0.20	1.96	1.76
2	4.79	0.93	9.31	8.38
7	1.51	0.18	1.77	1.60
7	0.33	0.26	2.63	2.37
9	5.30	0.07	0.74	0.66
б	3.48	0.67	6.65	5.99
1	7.93	1.75	17.48	15.73
1	0.54	0.12	1.15	1.04
3	2.73	0.91	9.11	8.20
4	0.40	0.02	0.24	0.22
8	4.03	0.47	4.67	4.20
0	0.00	0.00	0.00	0.00
6	1.41	0.09	0.91	0.82
3	0.39	0.14	1.42	1.28
2	1.19	0.05	0.52	0.46
3	1.29	0.71	7.09	6.38
8	0.97	0.09	0.89	0.80
3	2.28	0.56	5.64	5.08
3	0.29	0.12	1.17	1.06
0	0.00	0.01	0.11	0.10
7	0.43	0.56	5.57	5.01
1	2.53	0.47	4.74	4.27
4	2.01	0.37	3.72	3.34

		Units: 10 m
	······	Palanas
TD	rage Annual TS	Net
21,492	214,924	193,431
21,492	217,206	195,485
22,106	221,056	195,485
15,720	157,199	198,930
15,263	152,628	137,365
9,896		89,065
9,890 6,058	98,961 60,579	54,521
2,886	28,862	25,976
2,880 10,904	109,036	98,133
10,904	171,415	98,133 154,273
5,924	59,241	53,317
7,615	76.146	68,531
4,743	47,426	42,683
4,745	173,593	42,083
7,264	72,639	65,375
8,551	85,508	76,957
11,749	117,490	105,741
4,073	40,733	36,660
6,623	66,234	59,611
15,221	152,214	136,993
15,468	154,682	139,213
11,132	111,318	100,186
8,653	86,535	77,881
7,012	70,118	63,106
12,562	125,621	113,059
4,919	49,193	44,274
8,901	89,012	80,111
2,753	27,525	24,773
10,912	109,118	98,207
4,919	49,192	44,273
7,836	78,358	70,522
10,481	104,807	94,327
5,149	51,490	46,341
1,643	16,433	14,790
2,032	20,323	18,291
14,159	141,586	127,428
10,023	100,233	90,210
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Units: m³/sec

AVERAGE MONTHLY WATER BALANCE FOR THE PERIOD 1961-1996 BASED	ON FUTURE DEMAND (2005)
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									<u>л</u> ты	MOLI	MONTHLI	mitten					SIN - B						(/											
V		Jan			Feb			Mar			Apr		May			Jun			Jul			Aug		Se	,		Oct			Nov			Dec	
Year	TD	15	Net	TD	TS	Net	TD	TS	Net	TD	TS Ne	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net II	TS	Net 7	D	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 9.2	1 0.89	-8.33 3	.92	2.88	-1.04	1.80	15.19	13.39	1.74	15.90	14.16
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 8.3	2 0.76	7.55 2	.93	5.29	2.35	2.95	27.94	24.99	3.17	30.19	27.03
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 8.3	5 3.08	-5.28 2	.21	5.55	3.33	1.21	6.18	4.98	1.15	9.86	8.71
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 5.4	1 4.28	-1.13 1	.48	9.22	7.74	2.16	18.77	16.61	2.14	19.95	17.81
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 9.3	6 0 .9 9	-8.37 4	.57	1.20	-3.38	0.45	2.36	1.91	1.05	9.00	7.95
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 7.6	6 0.71	6.95 2	.62	1.85	0.77	1.04	6.41	5.37	1.69	15.46	13.76
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 7.5	4 1.30	-6.24 3	.88	1.54	-2.33	0.55	3.09	2.54	0.99	6.27	5.28
1968	1.22	10.74	9.52	2.14	15.69	13.54	3.39	12.06	8.67	5.29	9.61 4.3	3 3.55	6.98	3.43	2.75	8.94	6.19	7.96	0.97	-6.99	6.81	1.58	-5.23 8.6	3 3.12	-5.52 3	.93	2.12	-1.80	0.76	5.89	5.13	1.02	8.72	7.70
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 9.1	2 1.83	.7.28 4	.53	1.32	3.21	0.82	2.85	2.04	1.17	10.21	9.04
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 8.6	7 3.87	4.79 1	.00	5.68	4.68	1.19	8.68	7.49	1.42	11.26	9.84
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 6.3	2 4.59	-1.73 4	.10	3.71	-0.39	0.87	2.72	1.85	0.68	3.71	3.04
1972	0.76	6.14	5.38	1.29	10.47	9.17	3.13	11.76	8.62	3.35	9.68 6.3	3 6.35	11.25	4.91	4.58	3.88	-0.70	3.59	2.95	-0.64	7.03	1.78	5.24 4.3	8 10.3	5 5.97 3	.34	31.17	27.83	1.71	13.41	11.71	1.39	10.42	9.03
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 10.0	9 -0.42 5	5.07	6.46	1.39	1.46	7.50	6.04	2.07	16.42	14.35
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	6.21 6.4	1 5.43	-0.98 2	.46	7.14	4.68	1.29	9.63	8.34	0.74	5.91	5.17
1975	1.14	7.86	6.72	1.62	8.01	6.39	3.24	19.73	16.49	6.01	12.97 6.9	6 5.55	19.01	13.46	3.34	18.36	15.02	5.52	10.64	5.12	7.88	3.43	4.45 8.7	3 4.09	4.64 2	.34	7.67	5.33	1.20	8.32	7.12	1.32	10.06	8.74
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 9.4	9 6.58	2.91 4	.72	17.19	12.47	3.63	29.74	26.11	3.75	33.23	29.48
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 9.2	2 2.04	7.19 3	.88	3.09	-0.78	0.92	5.52	4.60	0.80	6.11	5.31
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	8.25 5.5	7 5.53	0.05	.95	3.36	-0.59	0.85	3.17	2.32	1.23	10.81	9.58
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 8.2	0 3.48	4.72 3	3.21	3.14	-0.07	1.88	17.20	15.32	1.01	7.40	6.39
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 7.2	8 2.04	5.24	.24	9.20	5.96	1.26	10.20	8.94	1.64	14.92	13.28
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 5.3	0 11.1	4 5.84	.31	7.81	4.50	2.03	18.68	16.65	4.36	42.14	37.78
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 9.4	2 2.46	-6.95	1.66	3.01	-0.65	0.94	4.97	4.02	0.83	6.82	5.99
1983	0.82	5.51	4.69	1.90	12.41	10.51	2.46	7.25	4.79	5.19	9.34 4.1	4 4.26	1.04	-3.22	2.90	15.00	12.10	5.33	20.21	14.88	8.57	5.15	3.42 6.2	4 5.95	-0.29 4	1.08	4.39	0.31	0.83	6.76	5.93	1.83	15.57	13.74
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 7.1	2 2.09	5.03 4	.12	2.20	-1.92	0.67	3.08	2.41	0.57	2.57	2.00
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 9.1	7 0.96	8.21	3.76	1.44	-2.31	1.15	9.90	8.76	1.05	8.20	7.15
1986	1.03	8.80	7.78	4.26	31.10	26.84	4.38	27.87	23.49	4.77	12.47 7.2	0 5.09	10.34	5.25	4.43	6.19	1.75	4.17	4.82	0.65	8.94	1.66	-7.28 9.0	1 1.78	7.23	3.83	1.75	2.08	0.59	1.71	1.12	0.44	1.68	1.25
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 8.3	8 1.76			2.34	0.77	0.89	4.88	4.00	0.78	5.55	4.76
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	the second s	4 0.57	-8.57	3.52	1.68	-1.84	0.56	4.02	3.46	0.82	6.53	5.71
1989	0.80	3.18	2.39	1.25	3.53	2.27	2.76	7.74	4.98	3.38	11.49 8.3	0 8.46	39.08	30.61	3.39	26.90	23.52	5.91	13.00	7.09	7.90	4.13	3.76 9.4	3 3.52	-5.92	3.73	11.39	7.66	1.27	9.48	8.21	0.93		6.07
1990	1.01	5.70	4.69	1.72	7.27	5.56	2.98	7.66	4.68	3.80	11.20 7.3	9 6.87	9.27	2.41	4.63	3.37	.1.26	7.06	0.62	-6.44	8.24	0.29	-7.95 9.4	9 0.63	-8.86	3.12	1.46	-1.66	0.61	2.85	2.24	1.30	11.57	10.27
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		9.44	1	4.90	1.26	8.56	3,77	4.79 7.0	6 3.46	-4.20	3.72	4.49	0.77	0.86	6.94	6.08	0.86	5.51	4.65
1992	0.85	3.38	2.53	1.57	4.09	2.52	2.66	9.84	7.18	5.87	41.26 35	.39 5.86	8.81	2.95	5.30	16.47	11.17	7.78	8.15	0.38	9.94	1.89	-8.04 8.1	2 1.82	6.31	3.62	2.64	-0.97	1.09	5.98	4.89	1.19	10.42	9.23
1993	0.79	4.97	4.18	0.96	3.67	2.72	3.07	19.23	16.16	6.55	19.17 12	.62 6.57	7.48	0.91	4.38	1.70	-2.68	7.04	0.45	-6.59	10.20	0.26	9.95 9.1	4 0.49	-8.65	2.53	0.99	1.54	0.40	2.23	1.83	0.56	4.11	3.55
1994	0.73	4.53	3.81	0.89	4.42	3.53	2.65	4.73	2.08	3.97	10.69 6.4	1 7.21	5.05	-2.16	3.60	1.83	-1.77	4.73	1.27	-3.46		0.76	-8.73 8.1	9 0.65	1	3.60	0.78	-2.82	0.54			0.44		1.51
1995	0.43	2.41	1.98	1.43	4.44	3.00	1.69	4.35	2.66	5.05	10.48 5.4	4 5.71	11.10	5.40	4.45	4.70	0.25	2.42	2.48	0.07	5.86	1.31	4.55 5.3				2.21	2.42	1.02	8.27	7.25	2.43	22.80	
1996	3.06	27.90	24.84	2.14	19.74	17.60	2.62	14.72	12.10	8.08	41.38 33	.30 6.37	27.28	20.90	5.72	11.09	5.36	5.05	3.62	-1.43	7.76	1.37	-6.39 4.0	5 6.41	1.76	.23	6.66	2.43	1.19	8.30	7.10	1.80	15.75	13.94
															- r			12.27											1	0.45	0.07	1. 10	14.72	10.00
Average	1.51	12.29	10.78	2.36	17.21	14.84	3.62	22.05	18.43	5.76	23.57 17	.80 6.64	19.66	13.02	2 4.60	11.27	6.66	5.97	5.37	-0.61	8.49	2.48	-6.01 7.9	1 3.42	-4.49	5.46	5.11	1.66	1.18	8.45	7.27	1.40	11.78	10.38

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P 53

Units: m³/sec

Units: 10³m³

TD 164,260 164,888 173,188 132,864 146,291 156,725 127,129	age Annual TS 498,458 602,836 699,598 438,066	Net 334,198 437,948 526,409
164,260 164,888 173,188 132,864 146,291 156,725	498,458 602,836 699,598	334,198 437,948
164,888 173,188 132,864 146,291 156,725	602,836 699,598	437,948
173,188 132,864 146,291 156,725	699,598	
132,864 146,291 156,725	,	
146,291 156,725		305,202
156,725	453,000	315,046
-	-	-
127,129	431,303	274,578
400.004	331,560	204,431
122,974	223,982	101,008
159,679	432,239	272,560
148,562	530,567	382,005
127,127	334,589	207,462
106,009	319,512	213,503
150,538	418,334	267,796
141,265	562,082	420,818
124,121	337,341	213,220
143,926	479,774	335,847
145,464	383,816	238,352
134,634	311,862	177,228
124,927	324,081	199,154
146,941	485,104	338,162
136,797	474,859	338,063
147,060	399,889	252,829
115,150	281,450	166,300
136,193	325,817	189,624
142,244	332,578	190,335
132,069	285,579	153,509
130,490	299,321	168,832
132,723	178,301	45,578
127,581	363,995	236,415
131,738	160,425	28,687
127,256	355,610	228,355
139,544	297,399	157,855
135,262	167,816	32,554
120,911	99,038	-21,873
104,924	205,005	100,081
136,558	477,475	340,917
137,167	369,750	232,583

															BREG	ALNIC	A RIVI	ER BAS	IN - B4	1-1																		
Year		Jan			Feb			Mar			Apr			May			Jun			յոյ			Aug			Sep		00	:t		Nov			Dec		Ave	age Annual	
1 cai	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net	TD	TS	Net 7	D '	TS I	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 0.2	3 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	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).88	2.13	1.25 0.32	2 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	3 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		.65	0.17	1.47 0.1	5 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	0.37 1	.31	1.52	0.21 0.21	1 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 0.1	7 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 0.3	3 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	1.40	0.65	0.75 0.10	0.97	0.87	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		0.75	0.92 1	1.18	1.07	0.11 0.11	7 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		0.72	-0.91).25	2.48	2.22 0.8	8.88	8.00	0.25		2.17	0.16		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	2.44	4.24	1.80 0.3	1 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	l.90	1.70	0.21 0.1	1 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	l <i>.</i> 49	1.31	0.18 0.1	1 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		1.50	3.54	2.04 1	1.23	1.24 (0.00 0.2	2 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	1.59	0.73	0.87 0.19	9 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		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	A	1.42	5	-0.13 0.2	1 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		2.14	0.55	-1.59 1	1.26	0.70	0.56 0.6	3 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			0.73	-1.05	0.54	_	0.78 0.3	0 2.44		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		1.23		1.43	1.18	0.25 0.1	5 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		1.70	7.41	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		1.15	C			0.13 0.10	6 0.74		0.12	1.24	1.12	0.51		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		1.63			8	0.87 0.1	7 0.45		0.07		0.53	0.05		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 0.1	6 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		0.55			2	1.19 0.1			0.06	0.68	0.62	0.06		0.63	30,666	104,198	73,532
1987	0.10	1.03		0.21	2.01	1.81	0.43	4.12	3.69	1.56		12.54	0.65	2.95	2.30	1.39	1.59	0.20	2.45	0.37	2.08		1.45	-0.23			-1.12 0.0			0.09		0.90	0.15		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		0.57	-2.11		5	1.27 0.14			0.10		0.95	0.16		1.53	24,600	42,066	17,466
1989	0.11	0.88		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	e		0.62	-1.25		2	-1.20 0.3			0.14	1.43	1.30	0.12		1.10	19,311	45,773	26,462
1990	0.15			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		0.14	-2.14		0.39			1	1.60 0.0			0.02	0.24	0.22	0.02		0.22	25,426	30,194	4,768
1991	0.13			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		0.96	-0.66		8	0.42 0.2			0.17		1.61	0.09		0.90	25,332	91,294	65,962
1992	0.08	0.74		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			0.28	-1.96			-1.03 0.1	1 0.65		0.16	1.52	1.36	0.11		1.03	23,896	38,489	14,593
1993	0.08			0.09	0.73	0.64	0.25	2.18	1.93	0.46	1.87	1.41	0.43	0.80	0.37	2.13	0.51	-1.62	e	0.12	Y		0.01	2.57			1.60 0.0			0.02	0.31	0.28	0.08		0.79	26,367	21,378	4,989
1994	0.15			0.14	1.44	1.30	0.21	1.51	1.30	0.59	3.33	2.73	0.97	2.13	1.16	1.63	0.58	-1.05		0.25	-1.18		0.18	-1.82			1.41 0.0			0.05		0.35	0.06		0.60	23,048	32,766	9,718
1995	0.08				1.24	1.09	0.11	1.08	0.97	0.52	2.02	1.51	0.79	2.99	2.20	1.77	0.77	-1.00	÷1		A		1.34				1.37 0.2			0.20	2.09	1.89	0.95		8.63	18,499	67,886	49,387
1996	1.55	15.42	2 13.87	7 2.00	20.06	18.06	0.87	8.67	7.80	2.38	19.96	17.58	1.07	5.04	3.96	1.53	1.56	0.03	2.05	0.46	-1.59	1.30	1.06	-0.24	0.57	2.05	1.47 0.2	2 1.3	1.09	0.19	1.85	1.66	0.54	5.41	4.87	36,988	214,765	177,777
·	1			1			1- 1-						1			1			1. 64								0.00 0.0			0.00	0.00	0.07	0.04	2.40	216	07.682	00.710	72.028
Average	0.37	3.69	3.32	0.59	5.73	5.15	0.60	5.66	5.06	0.83	5.94	5.11	0.92	4.38	3.46	1.48	2.52	1.05	1.89	1.23	-0.66	1.83	0.97	-0.86	1.40	1.10	-0.30 0.2	2 1.40	5 1.24	0.23	2.30	2.07	0.34	3.49	3.15	27,682	99,710	72,028

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P 54

Units: 10³m³

Units: m³/sec

BREGALNICA RIVER BASIN - B4-2 May Jun Sep Oct Jul Jan Feb Mar Apr Aug Year Net TD TS Net TD TS Net TD TS TS Net TD TS Net TD TS Net TD TS TS Net ITD TS Net TD TS Net TD TS Net TD -19.82 30.06 2.66 3.98 7.59 3.61 18.97 9.21 +9.77 12.56 14.87 2.31 16.13 9.51 6.62 24.24 4.42 27.40 26.42 2.64 23.77 8.19 3.77 4.42 0.99 7.88 1961 0.62 6.43 5.82 6.00 3.64 2.37 -18.99 26.98 4.16 4.61 37.46 32.85 18.03 25.33 7.30 21.44 13.72 772 12.03 5.96 607 23.22 4.23 -22.82 24.00 2.94 -21.06 5.67 5.40 -0.27 1.56 15.92 1,98 14.50 12.51 1.27 10.74 9.47 1962 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 5.44 54.65 49.21 10.16 101.93 91.76 1963 974 1.73 8.66 6.93 2.29 20.91 4.38 12.61 8.23 16.11 10.49 562 14.64 9.05 559 17.79 9.47 832 17.33 3.27 -14.06 26.00 3.24 -22.76 15.85 6.12 0.93 5.10 4.17 2.43 8.86 6.43 1964 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 8.32 0.20 2.33 1965 2.82 28.45 25.63 1.64 14.43 12.80 -24.02 29.75 0.73 21.18 4.88 2.00 2.89 0.75 7.75 +29.02 21.88 0.70 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 1966 6.60 10.62 6.17 -23.77 21.81 4.43 4.59 15.83 11.25 16.30 12.56 373 16.10 9.24 6.86 13.79 7.19 4.45 26.25 2.47 -17.39 8.18 3.64 4.53 0.49 4.13 1967 1.69 13.83 12.14 3.13 11.44 8.31 22.14 8.67 1.94 6.73 0.44 4.66 5.11 12.16 7.05 18.42 6.01 412.42 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 1968 0.97 9.97 9.00 3.99 31.16 27.17 3.07 23.22 20.15 17.07 13.52 355 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 1969 1.42 14.46 13.04 2.48 25.09 22.62 -9.99 29.38 2.58 -26:80 24.13 2.03 22.10 0.71 2.91 2.20 1.14 8.37 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 1.41 14.42 13.01 1.56 12.57 11.01 1970 23 25 17.24 3.18 18 79 11.49 7.06 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 14.05 8.39 2.30 6.10 1.03 2.75 1.14 10.61 9.46 0.94 8.56 7.63 1971 4.43 2.55 24.74 22.19 1.11 6.91 14.53 13.58 2.50 •11.08 20.99 2.21 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 1972 -14.52 28.57 11.93 -16.64 10.32 4.88 5.44 1.29 3.04 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 1973 0.45 3.67 3.22 2.04 13.96 11.93 -19.19 27.92 3.52 24.40 18.07 4.91 5.55 24.41 18.86 15.53 14.81 072 9.28 24.28 14.99 10.71 15.09 4.38 24.31 5.12 13.16 3.99 3.21 0.78 0.70 3.95 1974 0.88 9.10 8.22 1.75 17.84 16.08

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Units: 10³m³

Units: m³/sec

		F	Dec	
···	Net	TD	TS	Net
	_	0.79	8.19	7.40
3	6.89			
2	14.36	1.88	19.10	17.22
)	3.29	0.88	9.07	8.19
)1	18.62	1.81	18.38	16.57
3	2.12	0.55	5.76	5.21
5	7.00	1.79	18.17	16.38
3	3.63	0.65	6.76	6.11
5	4.23	0.59	6.15	5.57
ł	1.26	0.97	9.95	8.98
7	7.23	0.53	3.32	2.79
5	1.72	0.49	2.98	2.49
L	5.79	0.91	4.92	4.01
ŧ	1.75	1.49	9.55	8.06
5	3.25	0.34	3.64	3.31
)	7.05	1.15	8.34	7.19
91	47.53	7.69	71.53	63.84
)	3.72	0.45	3.64	3.19
3	0.40	0.17	1.97	1.80
3	6.22	0.68	4.87	4.18
7	1.49	0.81	8.36	7.55
15	11.23	0.63	6.56	5.93
3	4.24	0.56	5.84	5.28
90	9.84	1.94	17.41	15.47
)	3.09	0.68	2.57	1.90
3	8.02	0.89	6.95	6,06
3	4.08	0.52	3.27	2.75
5	7.63	0.68	5.94	5.25
)	5.51	0.45	4.73	4.28
5	5.50	0.63	4.32	3.69
3	1.32	1.11	11.38	10.27
39	9.83	0.97	5.51	4.54
5	0.92	0.26	2.87	2.61
)	2.28	0.18	2.04	1.86
5	0.79	0.35	1.59	1.24
)	3.26	0.85	8.78	7.93
l	4.18	1.88	16.85	14.97
		•		
3	6.37	1.03	9.20	8.17

Aver	age Annual	Balance
TD	TS	Net
376,652	215,597	-161,056
369,822	413,323	43,500
409,228	862,765	453,537
314,369	301,074	-13,295
353,583	406,107	52,524
383,654	341,426	-42,228
320,380	253,271	-67,110
329,497	216,738	-112,759
393,299	308,797	-84,502
331,341	232,934	-98,407
316,085	190,708	-125,377
271,392	209,044	-62,349
378,681	389,593	10,911
308,552	336,651	28,098
312,052	190,122	-121,931
361,288	582,692	221,403
380,912	439,377	58,465
344,161	148,503	-195,658
319,356	228,252	-91,103
351,674	367,314	15,640
326,264	336,296	10,032
375,902	367,418	-8,484
299,575	256,988	-42,588
376,639	473,545	96,905
367,919	222,180	-145,739
354,455	262,584	-91,871
347,875	250,014	-97,861
371,960	134,628	-237,331
300,072	117,325	-182,747
370,244	88,439	-281,805
319,592	222,841	-96,752
349,517	81,362	-268,155
376,419	44,789	-331,630
351,461	25,031	326,431
282,763	88,344	-194,418
337,631	464,137	126,506
	•	
345,396	279,728	-65,668

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

	•										-				BREC	JALNI	CA RIV	ER BAS	IN - B4	-3					_							-				
Уеат		Jan			Feb			Mar			Apr			May			Jun]	Jul			Aug		ļ	Sep		L	Oct			Nov		<u>_</u>	Dec	
1041	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	Ν
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		
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	1	0.50	0.54	1	0.35	0.41	1	0.65	0.75	0.01	1.95	1.94	0.05	2.34	
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	1		0.23	1	0.53	0.66	-0.13		0.67	-0.07	1.10	
1964	-0.12	0.61	0.73	-0.07		1.15	-0.03	1.54	1.57	Ł	1.28	1.32		1.10	1.17		1.15	1.22	1	0.39	0.53		0.39	0.45	1	0.74	0.81	-0.09		1.15	0.07	2.56	2.49	0.04	2.25	
1965	0.17	3.49	3.32	-0.02		1.78	0.25	4.43	4.17	0.21	3.83	3.62	0.12	2.99	2.87	1	0.91	1.01	1	0.19	0.34		0.17	0.29	1	0.20	0.25		0.19	0.31		0.27	0.43		0.70	
1966	0.12	3.05	2.93	0.25	4.32	4.07	1		1.74	1	1.51	1.52	1.	0.71	0.79		1.14	1.22		0.05	0.17	1	0.08	0.15	1	0.07	0.17	1	0.23	0.38	-0.09	0.94	1.03	0.04	2.22	
1967	-0.01		1.70	-0.04	1.39	1.43	•	1.93	1.93	1 .	1.53	1.56	1	1.12	1.18	1	0.87	0.99		0.75	0.89	-0.07		0.36	1	0.53	0.59		0.44	0.54		0.50	0.63			
1968	-0.06		1.27	0.20	3.82	3.62		1.48	1.51	-0.09		0.82		0.20	0.38	l	0.72	0.87		0.08	0.21		0.12	0.25	1	0.23	0.30	1	0.23	0.35	1	0.56	0.69			
1969	1	1.77	1.77	0.11	3.07	2.96	0.08	2.84	2.76	1 ·	1.65	1.66		0.98	1.01	1	0.33	0.49	ł	0.24	0.35		0.34	0.42	0.02	0.98	0.96		0.82	0.88	1	0.26	0.42			
1970	1	1.76	1.77	-0.04		1.57	0.00		1.86	{ .	1.14	1.19	i	1.17	1.23		0.50	0.65	ł	0.64	0.77	1	0.30	0.36	-0.07		0.31		0.35	0.51		1.02	1.10			
1971	1	1.29	1.35	-0.09		1.13		1.42	1.49	-0.03		1.28	-0.08		1.01	1	0.95	1.05	1	0.42	0.57	1	0.27	0.35	-0.09		0.47 0.94	0.12	0.27 3.03	0.39 2.93	1	0.33 0.84	0.47 0.94			
1972		0.47	0.60		0.72	0.84	1	0.61	0.74	-0.11		0.90	-0.06		1.03	1	0.33 0.59	0.48		0.29 0.49	0.46 0.61	1	0.26 0.81	0.36 0.86	0.08	1.46	1.38	1	0.59	2.93 0.67		0.84	0.50			
1973 1974	1	0.44	0.58		1.70	1.72		3.22 2.99	3.10 2.88	0.38	5.68 1.81	5.29	0.05	1.84 2.97	1.79 2.89		1.84	0.71 1.88	1	0.49	0.69	1	0.81	0.80	-0.07		0.66	1	0.38	0.52		0.47	0.61		0.44	
1974	1	1.11 0.49	1.18 0.62	0.03	2.18 0.36	2.16 0.51	0.11	0.68	2.80 0.80	1	0.56	1.81 0.66	-0.08		1.15	1	1.04	1.19	-0.09	0.86	0.96	[0.60	0.47	1		0.50	1	0.50	0.63	1	0.73	0.85		0.75	
1975	1	0.49	0.52	-0.13		0.51	1	0.61	0.73	-0.09		0.00	1	1.49	1.13	0.00	2.06	2.06	0.00	2.02	2.03	1	1.49	1.45	0.00	0.77	0.77	1	1.38	1.40	0.35	5.26	4.91	0.50	6.86	
1970	0.12		2.91	0.25	4.40	4.15		1.61	1.63		0.00	1.04		1.20	1.55		1.25	1.33	-0.09	0.69	0.78		0.66	0.72	1	0.39	0.43	1	0.35	0.46	1	0.40	0.55			
1978		0.35	0.50	-0.12		0.71		0.69	0.81	-0.09		0.99	1 ·		1.17	-0.09		0.98	-0.09	0.45	0.54	-0.02		0.69	1	1.33	1.34	1	0.35	0.46	1	0.26	0.41		0.68	
1979	1	1.09	1.16	0.01	1.89	1.88		0,57	0.70	0.11	2.94	2.83	-0.07		1.03	1	0.57	0.72	-0.11		0.63		0.91	0.96	1	0.56	0.60	1	0.45	0.56	0.00	1.90	1.90		0.59	Ö
1980	1	1.05	1.12	0.02	2.08	2.05		1.82		-0.07		1.05	0.63	8.24	7.61		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
1981	-0.07	1.11	1.18	0.03	2.17	2.14	0.07		2.47	-0.03	1.50	1.52	-0.04		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
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
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
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
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
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		0.46	0.56	-0.14	0.45	0.59		0.33	
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		0.51		0.42	0.47		0.52	0.65		0.76	0.87		0.64	
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		0.18	-0.07		0.21		0.25	0.38	1	0.57	0.70		0.58	
1989		0.37	0.51		0.37	0.51	-0.13		0.64	1	0.44	0.58	•	0.41	0.54		0.64	0.81	4	0.38	0.51		0.22	0.32	-0.04		0.43		0.91	0.98		0.66	0.78		0.48	
1990		0.38	0.52	1	0.45	0.59		0.39	0.53		0.42		1 ·	0.57	0.66		0,38	0.52	1	0.13	0.26		0.11	0.21	-0.06				0.15	0.30	1	0.17	0.34		0.81	
1991	1	0.36	0.50	1	1.38	1.43	1	1.12		1	1.71		0.01	1.80	1.78	\$	0.86	0.96	1	0.61	0.75	-0.06		0.50	-0.03		0.73	-0.08		0.78	1	1.01	1.10			
1992	4	0.40			0.34	0.48	-0.15		0.47	-0.11		0.99	· · ·	0.43	0.55		0.33	0.49	-0.12		0.35	-0.07			-0.07		0.36	- L - L - L - L - L - L - L - L - L - L	0.33	0.45	1	0.35	0.50			
1993		0.14			0.32	0.48	-0.14		0.69	-0.10		0.62	1	0.13	0.27	1 L	0.12	0.29		0.02	0.16	-0.07		0.08	-0.08		0.08	1	0.12	0.28	1	0.22	0.38		0.27	
1994	í	0.32		1	0.27	0.43	-0.15		0.41	-0.12		0.74		0.34	0.44		0.10	0.29	-0.17		0.24	-0.08		0.11	-0.08		0.15		0.14	0.27	1	0.15	0.32		0.21	
1995		0.30		1	0.35	0.50	-0.16		0.50	-0.12		0.55	1 ·	0.51	0.64	1 .	0.15	0.33	0.19		0.42	-0.12		0.45	-0.08		0.73		0.39	0.49		0.56	0.69	0.02	2.06	
1996	10.19	3.73	3.54	0.36	5.48	5.12	0.14	3.32	3.18	10.41	5,80	5.39	1-0.04	1.49	1.53	1-0.13	0.44	0.57	1-0.14	0.36	0.50	1-0.08	0.34	0.42	1-0.08	0.72	0.80	1-0.10	0.50	0.60	1-0.12	0.63	0.75	0.02	1.97	
Auses	1006	1.24	1.00	10.00	1.01	1.00	10.00	1.05	1.96		1.04	1.95	1002	1.42	1.45	1011	0.80	1.00	1011	0.50	0.62	0.07	0.41	0.48	0.05	0.53	0.58	10.10	0.56	0.66	010	0.85	0.95	0.07	1.16	1
Average	1 0.00	1.24	1.29	0.00	1.91	1.90	0.00	1.85	1.85	10.01	1.50	1.85	1-0.03	1.43	1.45	1-0.11	0.89	1.00	1-0.11	0.50	0.62	1-0.07	0.41	0.48	1-0.05	0.55	0.38	1-0.10	0.30	0.00	1-0.10	0.65	0.95	1-0.01	1.10	1

¢

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Units: m³/sec

Units: 10³m³

<u> </u>	Dec			A1	Jera	ge Annua	l Balance
TD	TS	Net		TD		TS	Net
-0.08	1.00	1.08		-2,325		26,121	28,446
0.05	2.34	2.28		-58		50,434	50,492
-0.07	1.10	1.17		5,434		105,700	100,266
0.04	2.25	2.20		-1,697		36,632	38,329
-0.11	0.70	0.81		-250		49,547	49,798
0.04	2.22	2.18		-830		41,594	42,423
-0.10	0.82	0.92		-2.225		30,754	32,978
-0.11	0.74	0.85		-2,570		26.261	28,832
-0.06	1.21	1.27		-1,153		37,582	38,735
-0.14	0.40	0.54		-2,440		28,253	30,693
-0.15	0.35	0.50		-2,977		23,061	26,037
0.12	0.59	0.71		-3,062		25,315	28,378
-0.06	1.16	1.23		-281		47,516	47,797
-0.14	0.44	0.57		-1,303		41,007	42,310
-0.11	0.75	0.85		-3,217		21,095	24,311
0.50	6.86	6.35		897		61,188	60,292
0.15	0.34	0.49		-1,065		39,674	40,739
0.11	0.68	0.79		-2,971		21,392	24,363
-0.12	0.59	0.71		-1,910		33,560	35,469
0.06	2.43	2.37		410		55,801	55,391
0.06	2.45	2.39		-1,033		42,931	43,964
-0.07	1.13	1.20		-811		42,297	43,108
0.02	1.96	1.95		-2,102		33,020	35,122
-0.16	0.25	0.41		-311		48,246	48,557
-0.12	0.60	0.72		-2,770	-	22,532	25,302
-0.15	0.33	0.48		-1,760		33,674	35,434
-0.12	0.64	0.76		-2,241		29,205	31,446
-0.12	0.58	0.70		-3,393		15,531	18,924
-0.13	0.48	0.61		-3,816		14,926	18,742
-0.10	0.81	0.91		-3,861		10,593	14,454
-0.13	0.52	0.65		-2,390		29,015	31,405
-0.14	0.37	0.51		-3,877		11,381	15,258
-0.15	0.27	0.43		-4,230		6,294	10,524
-0.16	0.21	0.37		-4,294		6,696	10,989
0.02	2.06	2.03		-3,813		16,341	20,154
0.02	1.97	1.95		1,084		64,191	63,106
-0.07	1.16	1.22		-1,756		34,149	35,905
-0.07	1.10	1.44		-1,750		27,172	33,905

0.67 0.07 1.10 2.49 0.04 2.25 0.43 -0.11 0.70 0 1.03 0.04 2.22 0.63 -0.10 0.82 0 0.69 -0.11 0.74 0 0.42 -0.06 1.21 1.10 -0.14 0.40 0 0.47 -0.15 0.35 0 0.94 -0.12 0.59 0 0.50 -0.06 1.16 0.61 -0.14 0.44 0 -0.11 0.75 0.3 0.50 6.86 6.3 0.85 4.91 -0.15 0.34 0. -0.11 0.68 0. 0.55 0.41 -0.12 0.59 0.06 2.43 1.90 0.90 1.41 0.77 0.06 2.45 -0.07 1.13 1.02 0.02 1.96 -0.16 0.25 0 0.51 1.13 -0.12 0.60 0 0.59 -0.15 0.33 0 -0.12 0.64 0.87 0.70 -0.12 0.58 0 -0.13 0.48 0 0.78 0.34 -0.10 0.81 0 1.10 -0.13 0.52 -0.14 0.37 0. -0.15 0.27 0. 0.50 0.38 0.32 -0.16 0.21 0. 0.69 0.02 2.06