

MISSOURI AMERICAN WATER COMPANY (BRUNSWICK RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSHORT
1970				55.6	39.5	320	302	3.426	24.52	26.86	1.090	8.20	17.04	8.84	7.69	1.15
1971				52.7	34.5	320	277	1.090	20.99	20.41	1.674	6.36	14.69	8.33	7.69	0.64
1972				51.6	30.8	321	272	1.674	18.33	18.73	1.272	5.95	14.66	8.70	7.69	1.02
1973				52.6	62.4	320	263	1.272	37.49	36.54	2.229	9.68	13.78	4.09	7.69	-3.59
1974				52.8	41.7	320	267	2.229	27.36	27.88	1.711	6.90	14.34	7.44	7.69	-0.25
1975				52.5	38.5	320	282	1.711	25.21	24.79	2.131	7.79	15.28	7.49	7.69	-0.20
1976				51.4	32.2	321	277	2.131	19.83	21.19	0.766	5.79	14.90	9.11	7.69	1.42
1977				52.9	46.8	320	288	0.766	28.70	27.86	1.603	8.89	15.62	6.73	7.69	-0.96
1978				50.5	43.4	320	280	1.603	25.19	25.26	1.530	7.87	14.90	7.03	7.69	-0.65
1979				50.3	32.4	320	274	1.530	20.18	21.04	0.670	6.83	14.27	7.44	7.69	-0.25
1980				52.3	28.2	321	293	0.670	20.68	19.94	1.408	6.32	16.42	10.10	7.69	2.41
1981				53.3	50.4	320	266	1.408	26.77	26.97	1.208	8.85	14.19	5.34	7.69	-2.35
1982				51.3	53.2	320	261	1.208	29.02	27.91	2.316	8.75	13.57	4.81	7.69	-2.87
1983				52.7	39.6	320	288	2.316	23.80	23.34	2.781	6.25	15.60	9.35	7.69	1.66
1984	124.52	451	20,512	52.6	38.5	321	272	2.781	24.06	24.98	1.865	5.64	14.86	9.22	7.69	1.53
1985	131.52	444	21,328	50.6	49.5	320	267	1.865	27.64	26.79	2.713	7.08	14.16	7.08	7.69	-0.61
1986	116.24	435	18,468	54.0	36.3	320	278	2.713	22.31	23.74	1.285	6.17	15.38	9.21	7.69	1.53
1987	119.06	428	18,613	55.2	36.9	320	287	1.285	20.85	20.28	1.854	5.88	16.06	10.17	7.69	2.49
1988	121.44	434	19,251	53.2	23.2	321	299	1.854	14.36	15.11	1.107	4.23	16.74	12.50	7.69	4.82
1989	114.55	431	18,016	51.5	28.8	320	280	1.107	19.21	19.68	0.635	6.72	14.51	7.79	7.69	0.10
1990	123.86	436	19,717	54.5	40.1	320	276	0.635	26.59	26.40	0.829	8.31	14.40	6.10	7.69	-1.59
1991	125.44	429	19,651	53.7	26.4	320	290	0.829	19.39	18.87	1.345	5.86	15.86	10.00	7.69	2.31
1992	124.67	430	19,562	51.2	36.9	321	251	1.345	24.98	23.49	2.835	6.34	13.24	6.89	7.69	-0.79
1993	125.77	416	19,118	49.4	56.7	320	251	2.835	32.44	33.92	1.353	10.46	13.38	2.92	7.69	-4.77
1994	128.82	413	19,409	52.3	34.1	320	273	1.353	20.33	20.49	1.193	5.67	14.48	8.81	7.69	1.12
1995	127.34	409	19,015	51.7	40.6	320	268	1.193	25.30	25.89	0.599	8.97	14.02	5.05	7.69	-2.64
1996	123.45	403	18,153	50.5	35.1	321	266	0.599	20.23	20.17	0.660	6.68	13.90	7.22	7.69	-0.46
1997	124.14	394	17,849	51.6	34.4	320	269	0.660	22.96	21.82	1.801	5.93	14.22	8.28	7.69	0.60
1998	128.27	393	18,413	55.2	49.9	320	279	1.801	26.48	27.41	0.870	8.11	15.18	7.07	7.69	-0.61
1999	125.47	392	17,945	54.3	34.4	320	281	0.870	21.30	21.34	0.834	6.62	14.86	8.23	7.69	0.55
2000	126.95	391	18,107	52.9	29.4	321	284	0.834	21.22	21.20	0.849	6.93	15.02	8.09	7.69	0.40
2001	123.49	389	17,531	53.9	44.9	320	275	0.849	24.35	24.54	0.658	8.92	15.73	6.82	7.69	-0.87
2002	126.36	386	17,803	53.7	38.3	320	279	0.658	19.92	20.00	0.574	7.00	16.47	9.47	7.69	1.79

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1970				55.6	39.5	320	302	3.426	24.52	26.86	1.090	8.20	17.04	8.84	7.69	1.15
1971				52.7	34.5	320	277	1.090	20.99	20.41	1.674	6.36	14.69	8.33	7.69	0.64
1972				51.6	30.8	321	272	1.674	18.33	18.73	1.272	5.95	14.66	8.70	7.69	1.02
1973				52.6	62.4	320	263	1.272	37.49	36.54	2.229	9.68	13.78	4.09	7.69	-3.59
1974				52.8	41.7	320	267	2.229	27.36	27.88	1.711	6.90	14.34	7.44	7.69	-0.25
1975				52.5	38.5	320	282	1.711	25.21	24.79	2.131	7.79	15.28	7.49	7.69	-0.20
1976				51.4	32.2	321	277	2.131	19.83	21.19	0.766	5.79	14.90	9.11	7.69	1.42
1977				52.9	46.8	320	288	0.766	28.70	27.86	1.603	8.89	15.62	6.73	7.69	-0.96
1978				50.5	43.4	320	280	1.603	25.19	25.26	1.530	7.87	14.90	7.03	7.69	-0.65
1979				50.3	32.4	320	274	1.530	20.18	21.04	0.670	6.83	14.27	7.44	7.69	-0.25
1980				52.3	28.2	321	293	0.670	20.68	19.94	1.408	6.32	16.42	10.10	7.69	2.41
1981				53.3	50.4	320	266	1.408	26.77	26.97	1.208	8.85	14.19	5.34	7.69	-2.35
1982				51.3	53.2	320	261	1.208	29.02	27.91	2.316	8.75	13.57	4.81	7.69	-2.87
1983				52.7	39.6	320	288	2.316	23.80	23.34	2.781	6.25	15.60	9.35	7.69	1.66
1984	244.42	80	7,142	52.6	38.5	321	272	2.781	24.06	24.98	1.865	5.64	14.86	9.22	7.69	1.53
1985	213.66	80	6,243	50.6	49.5	320	267	1.865	27.64	26.79	2.713	7.08	14.16	7.08	7.69	-0.61
1986	207.39	80	6,060	54.0	36.3	320	278	2.713	22.31	23.74	1.285	6.17	15.38	9.21	7.69	1.53
1987	216.96	78	6,181	55.2	36.9	320	287	1.285	20.85	20.28	1.854	5.88	16.06	10.17	7.69	2.49
1988	232.90	77	6,550	53.2	23.2	321	299	1.854	14.36	15.11	1.107	4.23	16.74	12.50	7.69	4.82
1989	211.77	75	5,769	51.5	28.8	320	280	1.107	19.21	19.68	0.635	6.72	14.51	7.79	7.69	0.10
1990	207.81	71	5,370	54.5	40.1	320	276	0.635	26.59	26.40	0.829	8.31	14.40	6.10	7.69	-1.59
1991	217.85	71	5,676	53.7	26.4	320	290	0.829	19.39	18.87	1.345	5.86	15.86	10.00	7.69	2.31
1992	232.33	71	6,018	51.2	36.9	321	251	1.345	24.98	23.49	2.835	6.34	13.24	6.89	7.69	-0.79
1993	235.33	70	5,981	49.4	56.7	320	251	2.835	32.44	33.92	1.353	10.46	13.38	2.92	7.69	-4.77
1994	211.74	69	5,304	52.3	34.1	320	273	1.353	20.33	20.49	1.193	5.67	14.48	8.81	7.69	1.12
1995	211.15	67	5,180	51.7	40.6	320	268	1.193	25.30	25.89	0.599	8.97	14.02	5.05	7.69	-2.64
1996	207.59	68	5,156	50.5	35.1	321	266	0.599	20.23	20.17	0.660	6.68	13.90	7.22	7.69	-0.46
1997	213.52	74	5,745	51.6	34.4	320	269	0.660	22.96	21.82	1.801	5.93	14.22	8.28	7.69	0.60
1998	197.24	73	5,235	55.2	49.9	320	279	1.801	26.48	27.41	0.870	8.11	15.18	7.07	7.69	-0.61
1999	209.78	71	5,472	54.3	34.4	320	281	0.870	21.30	21.34	0.834	6.62	14.86	8.23	7.69	0.55
2000	201.10	70	5,166	52.9	29.4	321	284	0.834	21.22	21.20	0.849	6.93	15.02	8.09	7.69	0.40
2001	193.77	70	4,960	53.9	44.9	320	275	0.849	24.35	24.54	0.658	8.92	15.73	6.82	7.69	-0.87
2002	190.26	73	5,044	53.7	38.3	320	279	0.658	19.92	20.00	0.574	7.00	16.47	9.47	7.69	1.79

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1970				55.0	48.3	320	283	3.426	28.34	30.97	0.791	8.51	13.84	5.33	6.76	-1.43
1971				55.9	28.8	320	286	0.791	21.69	21.71	0.770	6.09	13.58	7.49	6.76	0.73
1972				55.0	29.7	321	286	0.770	19.22	19.73	0.257	5.77	14.07	8.30	6.76	1.53
1973				56.1	54.8	320	279	0.257	29.30	28.99	0.568	6.87	13.13	6.25	6.76	-0.51
1974				55.4	40.5	320	273	0.568	27.39	27.15	0.807	6.42	12.71	6.28	6.76	-0.48
1975				55.6	42.0	320	276	0.807	25.26	25.15	0.917	6.34	13.02	6.68	6.76	-0.09
1976				54.2	25.3	321	277	0.917	16.78	17.32	0.374	3.65	13.09	9.43	6.76	2.67
1977				54.7	36.7	320	284	0.374	24.12	23.88	0.618	6.48	13.66	7.18	6.76	0.41
1978				53.2	36.3	320	278	0.618	24.40	24.34	0.674	7.17	13.31	6.13	6.76	-0.63
1979				52.3	29.9	320	272	0.674	19.14	19.31	0.508	5.43	12.69	7.25	6.76	0.49
1980	182.43	7,819.58	521,028	54.9	26.7	321	299	0.508	16.49	16.74	0.255	4.70	15.01	10.31	6.76	3.55
1981	160.58	7,864.25	461,250	54.2	45.9	320	266	0.255	27.21	27.18	0.287	7.68	12.60	4.91	6.76	-1.85
1982	157.38	7,890.83	453,582	52.5	52.4	320	260	0.287	31.28	29.99	1.580	7.61	12.04	4.43	6.76	-2.33
1983	168.64	7,904.83	486,917	52.3	37.5	320	273	1.580	23.07	23.64	1.015	4.98	13.00	8.02	6.76	1.25
1984	170.89	7,944.17	495,866	54.3	39.8	321	269	1.015	25.63	25.74	0.900	4.90	13.02	8.12	6.76	1.35
1985	156.87	8,068.58	462,304	52.6	53.1	320	266	0.900	29.50	28.65	1.746	6.85	12.57	5.72	6.76	-1.04
1986	165.51	8,106.08	490,027	54.7	39.5	320	278	1.746	24.27	25.38	0.632	6.35	13.68	7.33	6.76	0.56
1987	171.42	8,163.42	511,114	54.2	33.3	320	285	0.632	20.88	20.08	1.435	5.68	14.15	8.47	6.76	1.71
1988	172.87	8,195.75	517,488	54.3	36.2	321	283	1.435	22.36	22.35	1.446	4.78	13.85	9.07	6.76	2.30
1989	162.61	8,261.17	490,665	53.5	31.9	320	275	1.446	21.58	22.33	0.697	6.31	12.52	6.21	6.76	-0.55
1990	157.28	8,309.42	477,345	56.8	52.1	320	271	0.697	29.29	29.05	0.943	7.27	12.35	5.08	6.76	-1.68
1991	165.58	8,348.08	504,878	56.5	37.7	320	274	0.943	23.81	24.24	0.518	6.26	13.12	6.86	6.76	0.09
1992	161.81	8,441.42	498,905	54.6	38.9	321	243	0.518	26.85	26.63	0.746	6.29	11.22	4.93	6.76	-1.84
1993	156.44	8,428	481,562	53.2	66.1	320	246	0.746	28.09	28.24	0.599	7.62	11.77	4.15	6.76	-2.62
1994	165.58	8,470	510,614	55.1	40.9	320	262	0.599	24.43	24.81	0.220	6.15	12.23	6.08	6.76	-0.68
1995	165.33	8,512	510,280	54.5	34.7	320	264	0.220	23.80	23.53	0.484	6.35	12.21	5.85	6.76	-0.91
1996	162.82	8,554	508,706	53.1	39.5	321	254	0.484	22.56	22.82	0.226	6.19	11.81	5.62	6.76	-1.15
1997	165.33	8,596	519,082	54.0	36.3	320	255	0.226	24.54	23.92	0.842	5.55	11.87	6.32	6.76	-0.44
1998	159.40	8,638	502,936	57.3	53.9	320	269	0.842	31.06	31.28	0.618	7.56	12.81	5.25	6.76	-1.51
1999	177.89	8,681	564,013	56.8	32.7	320	277	0.618	19.09	19.40	0.310	4.28	13.02	8.74	6.76	1.97
2000	165.22	8,723	526,398	55.4	40.5	321	274	0.310	21.66	21.64	0.329	6.34	12.79	6.46	6.76	-0.31
2001	170.89	8,765	547,093	56.4	46.7	320	269	0.329	29.50	29.11	0.722	7.89	13.69	5.80	6.76	-0.97
2002	162.00	8,789	520,045	55.8	38.9	320	266	0.722	24.85	25.11	0.469	7.11	13.82	6.72	6.76	-0.05

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1970				55.0	48.3	320	283	3.426	28.34	31.03	0.735	8.38	13.84	5.45	6.86	-1.41
1971				55.9	28.8	320	286	0.735	21.69	21.75	0.676	6.02	13.58	7.57	6.86	0.70
1972				55.0	29.7	321	286	0.676	19.22	19.70	0.200	5.74	14.07	8.33	6.86	1.47
1973				56.1	54.8	320	279	0.200	29.30	29.03	0.479	6.73	13.13	6.40	6.86	-0.47
1974				55.4	40.5	320	273	0.479	27.39	27.15	0.719	6.32	12.71	6.39	6.86	-0.47
1975				55.6	42.0	320	276	0.719	25.26	25.13	0.844	6.25	13.02	6.77	6.86	-0.09
1976				54.2	25.3	321	277	0.844	16.78	17.32	0.300	3.57	13.09	9.51	6.86	2.65
1977				54.7	36.7	320	284	0.300	24.12	23.91	0.515	6.39	13.66	7.27	6.86	0.41
1978				53.2	36.3	320	278	0.515	24.40	24.30	0.615	7.05	13.31	6.26	6.86	-0.60
1979				52.3	29.9	320	272	0.615	19.14	19.30	0.454	5.33	12.69	7.35	6.86	0.49
1980	875.14	1,241.25	396,758	54.9	26.7	321	299	0.454	16.49	16.74	0.200	4.64	15.01	10.37	6.86	3.51
1981	842.92	1,267.67	390,284	54.2	45.9	320	266	0.200	27.21	27.18	0.227	7.51	12.60	5.08	6.86	-1.78
1982	836.36	1,269.83	387,907	52.5	52.4	320	260	0.227	31.28	30.09	1.413	7.48	12.04	4.57	6.86	-2.30
1983	938.63	1,287.58	441,426	52.3	37.5	320	273	1.413	23.07	23.60	0.881	4.92	13.00	8.08	6.86	1.22
1984	950.88	1,304.08	452,919	54.3	39.8	321	269	0.881	25.63	25.69	0.816	4.85	13.02	8.17	6.86	1.30
1985	911.77	1,327.92	442,230	52.6	53.1	320	266	0.816	29.50	28.79	1.525	6.71	12.57	5.86	6.86	-1.00
1986	902.92	1,343.33	443,018	54.7	39.5	320	278	1.525	24.27	25.27	0.521	6.30	13.68	7.38	6.86	0.52
1987	995.23	1,335.83	485,584	54.2	33.3	320	285	0.521	20.88	20.07	1.326	5.60	14.15	8.55	6.86	1.69
1988	940.87	1,343.67	461,755	54.3	36.2	321	283	1.326	22.36	22.34	1.350	4.71	13.85	9.14	6.86	2.28
1989	951.96	1,357.58	472,038	53.5	31.9	320	275	1.350	21.58	22.28	0.657	6.16	12.52	6.36	6.86	-0.50
1990	894.83	1,378.75	450,624	56.8	52.1	320	271	0.657	29.29	29.08	0.872	7.13	12.35	5.22	6.86	-1.64
1991	921.28	1,398.67	470,648	56.5	37.7	320	274	0.872	23.81	24.26	0.428	6.18	13.12	6.94	6.86	0.08
1992	872.99	1,436.67	458,097	54.6	38.9	321	243	0.428	26.85	26.68	0.606	6.23	11.22	4.99	6.86	-1.87
1993	874.78	1,445	461,562	53.2	66.1	320	246	0.606	28.09	28.19	0.504	7.51	11.77	4.25	6.86	-2.61
1994	815	1,476	483,417	55.1	40.9	320	262	0.504	24.43	24.76	0.169	6.05	12.23	6.18	6.86	-0.68
1995	913	1,508	502,817	54.5	34.7	320	264	0.169	23.80	23.51	0.454	6.23	12.21	5.98	6.86	-0.88
1996	907.77	1,540	510,647	53.1	39.5	321	254	0.454	22.56	22.85	0.169	6.14	11.81	5.67	6.86	-1.19
1997	919.68	1,572	528,041	54.0	36.3	320	255	0.169	24.54	23.98	0.729	5.46	11.87	6.41	6.86	-0.45
1998	892.97	1,604	523,090	57.3	53.9	320	269	0.729	31.06	31.22	0.567	7.38	12.81	5.44	6.86	-1.42
1999	925.55	1,636	552,941	56.8	32.7	320	277	0.567	19.09	19.42	0.235	4.21	13.02	8.81	6.86	1.94
2000	894.24	1,667	544,639	55.4	40.5	321	274	0.235	21.66	21.62	0.275	6.24	12.79	6.55	6.86	-0.32
2001	877.54	1,699	544,671	56.4	46.7	320	269	0.275	29.50	29.15	0.625	7.75	13.69	5.94	6.86	-0.93
2002	876.55	1,697	543,258	55.8	38.9	320	266	0.625	24.85	25.06	0.414	6.95	13.82	6.88	6.86	0.02

MISSOURI AMERICAN WATER COMPANY (JOPLIN RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				57.2	45.0	320	272	3.426	21.43	23.49	1.362	6.49	11.50	5.01	4.75	0.26
1971				58.6	37.5	320	275	1.362	20.27	20.24	1.388	5.40	11.20	5.80	4.75	1.05
1972				57.8	39.3	321	273	1.388	18.25	18.05	1.586	4.74	11.33	6.59	4.75	1.84
1973				57.8	62.0	320	264	1.586	30.20	29.83	1.959	6.99	10.56	3.57	4.75	-1.18
1974				56.6	47.0	320	254	1.959	22.91	22.88	1.986	5.51	10.22	4.71	4.75	-0.04
1975				56.9	44.1	320	264	1.986	23.16	23.18	1.969	6.19	10.70	4.52	4.75	-0.24
1976				54.9	42.1	321	248	1.969	17.51	18.56	0.920	5.35	9.77	4.43	4.75	-0.33
1977				57.5	46.3	320	267	0.920	24.51	24.26	1.169	7.33	10.97	3.64	4.75	-1.11
1978				56.6	39.7	320	282	1.169	20.57	20.61	1.125	6.80	11.45	4.65	4.75	-0.10
1979				55.6	41.4	320	266	1.125	19.58	19.78	0.928	6.52	10.60	4.08	4.75	-0.68
1980				59.3	29.9	321	302	0.928	16.73	16.90	0.756	5.25	12.91	7.66	4.75	2.90
1981				58.2	38.6	320	264	0.756	19.65	19.46	0.943	5.76	10.81	5.05	4.75	0.30
1982				57.9	38.4	320	274	0.943	21.20	20.24	1.899	6.17	10.93	4.76	4.75	0.00
1983				57.2	45.6	320	281	1.899	22.64	22.30	2.242	6.07	11.57	5.49	4.75	0.74
1984	193.80	14,320	1,013,651	57.9	46.2	321	271	2.242	25.04	25.70	1.584	5.47	11.21	5.74	4.75	0.98
1985	185.37	14,559	985,762	56.9	65.3	320	269	1.584	27.17	26.86	1.892	6.95	11.05	4.10	4.75	-0.65
1986	186.32	14,820	1,008,541	59.1	51.1	320	274	1.892	22.34	23.28	0.949	6.57	11.36	4.80	4.75	0.05
1987	187.88	15,172	1,041,177	58.8	48.2	320	277	0.949	23.68	22.53	2.104	6.77	11.67	4.90	4.75	0.15
1988	197.40	15,634	1,127,210	57.4	44.8	321	281	2.104	21.95	21.99	2.069	5.52	11.73	6.22	4.75	1.46
1989	187.62	15,951	1,093,075	55.9	34.4	320	263	2.069	18.35	19.65	0.771	6.04	10.25	4.20	4.75	-0.55
1990	189.66	16,142	1,118,202	59.0	63.6	320	274	0.771	29.18	28.12	1.831	7.52	10.96	3.44	4.75	-1.31
1991	205.45	16,319	1,224,537	59.0	33.0	320	282	1.831	21.59	21.52	1.905	5.42	11.74	6.32	4.75	1.57
1992	180.87	16,661	1,100,665	57.1	61.4	321	247	1.905	27.30	26.88	2.322	7.29	9.69	2.40	4.75	-2.35
1993	178.02	17,038	1,107,828	56.4	59.8	320	256	2.322	26.49	27.63	1.182	7.81	10.62	2.82	4.75	-1.94
1994	198.32	17,330	1,255,333	58.4	48.6	320	276	1.182	23.94	23.73	1.395	6.18	11.35	5.17	4.75	0.42
1995	198.43	17,716	1,283,993	58.2	42.9	320	278	1.395	24.11	24.06	1.445	7.39	11.05	3.66	4.75	-1.10
1996	200.82	17,935	1,315,562	57.5	45.7	321	274	1.445	19.45	19.86	1.033	5.77	11.14	5.37	4.75	0.62
1997	209.07	18,091	1,381,456	57.4	44.2	320	266	1.033	25.06	23.98	2.111	7.10	10.74	3.65	4.75	-1.11
1998	196.62	18,262	1,311,483	58.8	47.6	320	275	2.111	24.13	25.07	1.168	6.40	11.40	5.00	4.75	0.25
1999	199.13	18,458	1,342,470	59.1	53.3	320	276	1.168	22.74	22.66	1.251	6.86	10.98	4.12	4.75	-0.63
2000	206.98	18,626	1,408,159	58.2	36.6	321	283	1.251	20.50	20.23	1.517	5.86	11.58	5.72	4.75	0.97
2001	199.60	18,862	1,375,106	59.4	43.9	320	282	1.517	20.75	20.72	1.549	6.38	12.39	6.01	4.75	1.25
2002	192.22	19,092	1,340,481	58.7	40.8	320	278	1.549	19.93	20.02	1.456	6.36	12.45	6.09	4.75	1.34

MISSOURI AMERICAN WATER COMPANY (JOPLIN COMMERCIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	57.2	45.0	320	272	3.426	21.43	23.49	1.362	6.49	11.50	5.01	4.75	0.26
1971	#N/A	#N/A	#N/A	58.6	37.5	320	275	1.362	20.27	20.24	1.388	5.40	11.20	5.80	4.75	1.05
1972	#N/A	#N/A	#N/A	57.8	39.3	321	273	1.388	18.25	18.05	1.586	4.74	11.33	6.59	4.75	1.84
1973	#N/A	#N/A	#N/A	57.8	62.0	320	264	1.586	30.20	29.83	1.959	6.99	10.56	3.57	4.75	-1.18
1974	#N/A	#N/A	#N/A	56.6	47.0	320	254	1.959	22.91	22.88	1.986	5.51	10.22	4.71	4.75	-0.04
1975	#N/A	#N/A	#N/A	56.9	44.1	320	264	1.986	23.16	23.18	1.969	6.19	10.70	4.52	4.75	-0.24
1976	#N/A	#N/A	#N/A	54.9	42.1	321	248	1.969	17.51	18.56	0.920	5.35	9.77	4.43	4.75	-0.33
1977	#N/A	#N/A	#N/A	57.5	46.3	320	267	0.920	24.51	24.26	1.169	7.33	10.97	3.64	4.75	-1.11
1978	#N/A	#N/A	#N/A	56.6	39.7	320	282	1.169	20.57	20.61	1.125	6.80	11.45	4.65	4.75	-0.10
1979	#N/A	#N/A	#N/A	55.6	41.4	320	266	1.125	19.58	19.78	0.928	6.52	10.60	4.08	4.75	-0.68
1980	#N/A	#N/A	#N/A	59.3	29.9	321	302	0.928	16.73	16.90	0.756	5.25	12.91	7.66	4.75	2.90
1981	#N/A	#N/A	#N/A	58.2	38.6	320	264	0.756	19.65	19.46	0.943	5.76	10.81	5.05	4.75	0.30
1982	#N/A	#N/A	#N/A	57.9	38.4	320	274	0.943	21.20	20.24	1.899	6.17	10.93	4.76	4.75	0.00
1983	#N/A	#N/A	#N/A	57.2	45.6	320	281	1.899	22.64	22.30	2.242	6.07	11.57	5.49	4.75	0.74
1984	874.29	2,407	768,634	57.9	46.2	321	271	2.242	25.04	25.70	1.584	5.47	11.21	5.74	4.75	0.98
1985	871.36	2,441	776,883	56.9	65.3	320	269	1.584	27.17	26.86	1.892	6.95	11.05	4.10	4.75	-0.65
1986	859.98	2,465	774,276	59.1	51.1	320	274	1.892	22.34	23.28	0.949	6.57	11.36	4.80	4.75	0.05
1987	916.05	2,498	835,795	58.8	48.2	320	277	0.949	23.68	22.53	2.104	6.77	11.67	4.90	4.75	0.15
1988	875.19	2,468	788,925	57.4	44.8	321	281	2.104	21.95	21.99	2.069	5.52	11.73	6.22	4.75	1.46
1989	918.76	2,370	795,208	55.9	34.4	320	263	2.069	18.35	19.65	0.771	6.04	10.25	4.20	4.75	-0.55
1990	885.45	2,406	778,207	59.0	63.6	320	274	0.771	29.18	28.12	1.831	7.52	10.96	3.44	4.75	-1.31
1991	909.70	2,397	796,417	59.0	33.0	320	282	1.831	21.59	21.52	1.905	5.42	11.74	6.32	4.75	1.57
1992	845.72	2,471	763,236	57.1	61.4	321	247	1.905	27.30	26.88	2.322	7.29	9.69	2.40	4.75	-2.35
1993	872.25	2,573	819,602	56.4	59.8	320	256	2.322	26.49	27.63	1.182	7.81	10.62	2.82	4.75	-1.94
1994	855.22	2,731	852,946	58.4	48.6	320	276	1.182	23.94	23.73	1.395	6.18	11.35	5.17	4.75	0.42
1995	865.76	2,848	900,486	58.2	42.9	320	278	1.395	24.11	24.06	1.445	7.39	11.05	3.66	4.75	-1.10
1996	859.21	2,966	930,837	57.5	45.7	321	274	1.445	19.45	19.86	1.033	5.77	11.14	5.37	4.75	0.62
1997	852.98	3,099	965,413	57.4	44.2	320	266	1.033	25.06	23.98	2.111	7.10	10.74	3.65	4.75	-1.11
1998	843.31	3,107	957,142	58.8	47.6	320	275	2.111	24.13	25.07	1.168	6.40	11.40	5.00	4.75	0.25
1999	869.80	3,097	983,790	59.1	53.3	320	276	1.168	22.74	22.66	1.251	6.86	10.98	4.12	4.75	-0.63
2000	882.89	3,115	1,004,562	58.2	36.6	321	283	1.251	20.50	20.23	1.517	5.86	11.58	5.72	4.75	0.97
2001	848.07	3,118	965,905	59.4	43.9	320	282	1.517	20.75	20.72	1.549	6.38	12.39	6.01	4.75	1.25
2002	911.53	3,108	1,034,712	58.7	40.8	320	278	1.549	19.93	20.02	1.456	6.36	12.45	6.09	4.75	1.34

MISSOURI AMERICAN WATER COMPANY (MEXICO RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				52.6	54.7	320	267	3.426	34.91	35.22	3.111	9.74	11.03	1.29	2.69	-1.40
1971				53.5	34.6	320	275	3.111	29.02	27.96	4.173	8.82	11.04	2.23	2.69	-0.47
1972				52.0	28.3	321	278	4.173	24.00	23.98	4.197	6.75	11.71	4.96	2.69	2.27
1973				53.6	58.8	320	265	4.197	40.68	40.23	4.638	10.16	10.73	0.57	2.69	-2.12
1974				52.2	44.2	320	262	4.638	34.04	35.08	3.596	8.64	10.53	1.89	2.69	-0.80
1975				52.8	39.2	320	272	3.596	29.19	29.41	3.376	8.85	11.15	2.30	2.69	-0.39
1976				51.4	25.9	321	272	3.376	22.07	23.12	2.326	6.03	11.22	5.19	2.69	2.50
1977				52.6	36.5	320	279	2.326	32.74	31.00	4.071	8.98	11.47	2.49	2.69	-0.20
1978				50.2	41.3	320	269	4.071	28.55	29.30	3.328	8.90	11.01	2.11	2.69	-0.58
1979				50.3	27.8	320	274	3.328	23.95	24.87	2.413	7.65	10.99	3.34	2.69	0.64
1980				53.0	26.9	321	297	2.413	23.87	23.55	2.732	7.29	12.79	5.50	2.69	2.80
1981				52.5	52.3	320	262	2.732	34.83	34.09	3.475	9.66	10.58	0.91	2.69	-1.78
1982				50.8	54.1	320	257	3.475	38.21	37.06	4.629	9.56	10.14	0.57	2.69	-2.12
1983				51.9	44.5	320	284	4.629	30.25	30.00	4.877	7.52	11.65	4.13	2.69	1.44
1984	164.86	3,981	239,710	52.9	48.2	321	264	4.877	33.77	34.15	4.488	7.99	10.86	2.87	2.69	0.17
1985	162.97	3,969	236,259	50.9	49.6	320	265	4.488	29.31	28.93	4.872	8.70	10.59	1.89	2.69	-0.80
1986	160.96	3,952	232,344	53.5	37.0	320	274	4.872	29.66	30.81	3.726	8.70	11.44	2.74	2.69	0.05
1987	165.13	3,974	239,693	53.7	33.5	320	282	3.726	28.06	26.91	4.876	8.94	11.94	3.00	2.69	0.31
1988	180.65	4,006	264,328	52.1	27.9	321	293	4.876	21.77	22.30	4.350	6.13	12.56	6.43	2.69	3.73
1989	168.90	4,017	247,835	50.2	25.4	320	264	4.350	22.47	25.26	1.556	7.96	10.22	2.26	2.69	-0.43
1990	162.94	4,049	240,944	55.8	44.4	320	275	1.556	33.93	32.53	2.953	9.10	10.91	1.82	2.69	-0.88
1991	169.97	4,052	251,522	55.2	41.8	320	281	2.953	32.68	31.57	4.064	8.86	11.61	2.74	2.69	0.05
1992	173.82	4,058	257,611	54.0	35.9	321	252	4.064	27.83	27.43	4.456	6.36	10.19	3.83	2.69	1.13
1993	158.57	4,070	235,717	52.3	58.6	320	254	4.456	38.29	39.04	3.705	10.26	10.51	0.25	2.69	-2.44
1994	170.39	4,102	255,264	54.2	34.8	320	270	3.705	28.96	28.99	3.671	6.94	10.94	4.00	2.69	1.30
1995	160.29	4,161	243,628	53.2	41.9	320	266	3.671	31.49	32.42	2.737	9.53	10.68	1.14	2.69	-1.55
1996	157.33	4,253	244,389	52.0	33.3	321	259	2.737	29.50	29.84	2.397	8.47	10.44	1.97	2.69	-0.73
1997	160.30	4,288	251,070	52.5	34.5	320	257	2.397	31.03	28.93	4.500	7.91	10.34	2.44	2.69	-0.26
1998	151.09	4,479	247,161	56.1	45.6	320	274	4.500	38.79	40.70	2.591	10.25	11.23	0.99	2.69	-1.71
1999	163.73	4,318	258,242	55.4	38.6	320	281	2.591	26.84	27.28	2.146	6.92	11.43	4.52	2.69	1.82
2000	153.44	4,306	241,304	53.9	39.3	321	275	2.146	29.47	29.48	2.144	9.22	10.98	1.75	2.69	-0.94
2001	152.42	4,299	239,347	54.9	48.3	320	271	2.144	37.01	36.43	2.716	10.27	11.85	1.58	2.69	-1.12
2002	140.63	4,284	220,056	54.6	38.8	320	270	2.716	27.89	27.87	2.732	8.39	12.14	3.74	2.69	1.05

MISSOURI AMERICAN WATER COMPANY (MEXICO COMMERCIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSHORT
1970	#N/A	#N/A	#N/A	52.6	54.7	320	267	3.426	34.91	35.22	3.111	9.74	11.03	1.29	2.69	-1.40
1971	#N/A	#N/A	#N/A	53.5	34.6	320	275	3.111	29.02	27.96	4.173	8.82	11.04	2.23	2.69	-0.47
1972	#N/A	#N/A	#N/A	52.0	28.3	321	278	4.173	24.00	23.98	4.197	6.75	11.71	4.96	2.69	2.27
1973	#N/A	#N/A	#N/A	53.6	58.8	320	265	4.197	40.68	40.23	4.638	10.16	10.73	0.57	2.69	-2.12
1974	#N/A	#N/A	#N/A	52.2	44.2	320	262	4.638	34.04	35.08	3.596	8.64	10.53	1.89	2.69	-0.80
1975	#N/A	#N/A	#N/A	52.8	39.2	320	272	3.596	29.19	29.41	3.376	8.85	11.15	2.30	2.69	-0.39
1976	#N/A	#N/A	#N/A	51.4	25.9	321	272	3.376	22.07	23.12	2.326	6.03	11.22	5.19	2.69	2.50
1977	#N/A	#N/A	#N/A	52.6	36.5	320	279	2.326	32.74	31.00	4.071	8.98	11.47	2.49	2.69	-0.20
1978	#N/A	#N/A	#N/A	50.2	41.3	320	269	4.071	28.55	29.30	3.328	8.90	11.01	2.11	2.69	-0.58
1979	#N/A	#N/A	#N/A	50.3	27.8	320	274	3.328	23.95	24.87	2.413	7.65	10.99	3.34	2.69	0.64
1980	#N/A	#N/A	#N/A	53.0	26.9	321	297	2.413	23.87	23.55	2.732	7.29	12.79	5.50	2.69	2.80
1981	#N/A	#N/A	#N/A	52.5	52.3	320	262	2.732	34.83	34.09	3.475	9.66	10.58	0.91	2.69	-1.78
1982	#N/A	#N/A	#N/A	50.8	54.1	320	257	3.475	38.21	37.06	4.629	9.56	10.14	0.57	2.69	-2.12
1983	#N/A	#N/A	#N/A	51.9	44.5	320	284	4.629	30.25	30.00	4.877	7.52	11.65	4.13	2.69	1.44
1984	440.88	427	68,761	52.9	48.2	321	264	4.877	33.77	34.15	4.488	7.99	10.86	2.87	2.69	0.17
1985	428.78	436	68,283	50.9	49.6	320	265	4.488	29.31	28.93	4.872	8.70	10.59	1.89	2.69	-0.80
1986	453.62	440	72,901	53.5	37.0	320	274	4.872	29.66	30.81	3.726	8.70	11.44	2.74	2.69	0.05
1987	494.84	437	78,983	53.7	33.5	320	282	3.726	28.06	26.91	4.876	8.94	11.94	3.00	2.69	0.31
1988	514.86	424	79,734	52.1	27.9	321	293	4.876	21.77	22.30	4.350	6.13	12.56	6.43	2.69	3.73
1989	518.94	428	81,046	50.2	25.4	320	264	4.350	22.47	25.26	1.556	7.96	10.22	2.26	2.69	-0.43
1990	524.72	431	82,666	55.8	44.4	320	275	1.556	33.93	32.53	2.953	9.10	10.91	1.82	2.69	-0.88
1991	544.02	425	84,382	55.2	41.8	320	281	2.953	32.68	31.57	4.064	8.86	11.61	2.74	2.69	0.05
1992	488.71	443	79,091	54.0	35.9	321	252	4.064	27.83	27.43	4.456	6.36	10.19	3.83	2.69	1.13
1993	509.13	451	83,806	52.3	58.6	320	254	4.456	38.29	39.04	3.705	10.26	10.51	0.25	2.69	-2.44
1994	556.36	460	93,392	54.2	34.8	320	270	3.705	28.96	28.99	3.671	6.94	10.94	4.00	2.69	1.30
1995	574.82	454	95,389	53.2	41.9	320	266	3.671	31.49	32.42	2.737	9.53	10.68	1.14	2.69	-1.55
1996	582.88	454	96,690	52.0	33.3	321	259	2.737	29.50	29.84	2.397	8.47	10.44	1.97	2.69	-0.73
1997	574.19	459	96,298	52.5	34.5	320	257	2.397	31.03	28.93	4.500	7.91	10.34	2.44	2.69	-0.26
1998	607.09	469	104,089	56.1	45.6	320	274	4.500	38.79	40.70	2.591	10.25	11.23	0.99	2.69	-1.71
1999	613.22	477	106,782	55.4	38.6	320	281	2.591	26.84	27.28	2.146	6.92	11.43	4.52	2.69	1.82
2000	615.47	476	106,948	53.9	39.3	321	275	2.146	29.47	29.48	2.144	9.22	10.98	1.75	2.69	-0.94
2001	606.65	476	105,545	54.9	48.3	320	271	2.144	37.01	36.43	2.716	10.27	11.85	1.58	2.69	-1.12
2002	562.50	475	97,591	54.6	38.8	320	270	2.716	27.89	27.87	2.732	8.39	12.14	3.74	2.69	1.05

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YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				57.2	36.1	320	193	3.426	15.50	18.26	0.664	3.76	7.57	3.81	7.65	-3.84
1971				54.1	27.8	320	274	0.664	18.09	17.64	1.114	5.41	13.02	7.61	7.65	-0.04
1972				53.1	33.5	321	263	1.114	20.36	20.69	0.786	6.37	12.57	6.20	7.65	-1.45
1973				54.9	55.3	320	262	0.786	20.17	19.84	1.117	5.17	12.28	7.11	7.65	-0.54
1974				54.4	36.1	320	269	1.117	15.45	15.61	0.959	4.03	12.76	8.73	7.65	1.07
1975				54.9	34.1	320	281	0.959	13.71	13.78	0.890	4.06	13.71	9.64	7.65	1.99
1976				54.1	23.7	321	277	0.890	11.82	12.50	0.209	3.63	13.23	9.60	7.65	1.94
1977				54.9	49.7	320	275	0.209	18.65	18.48	0.381	6.53	13.20	6.67	7.65	-0.98
1978				52.9	34.0	320	283	0.381	16.67	16.65	0.397	5.96	13.48	7.52	7.65	-0.13
1979				52.0	31.8	320	267	0.397	14.29	14.57	0.114	4.82	12.34	7.52	7.65	-0.13
1980				54.8	31.8	321	296	0.114	14.56	14.05	0.620	4.58	14.78	10.21	7.65	2.55
1981				55.0	42.1	320	263	0.620	17.40	17.51	0.514	6.24	12.41	6.17	7.65	-1.48
1982				53.0	47.2	320	263	0.514	17.76	17.28	0.995	5.62	12.16	6.53	7.65	-1.12
1983				53.5	32.9	320	286	0.995	16.14	15.84	1.298	4.51	13.72	9.21	7.65	1.56
1984	299.23	2,940	321,324	54.0	38.8	321	268	1.298	18.81	19.04	1.064	4.22	12.93	8.71	7.65	1.06
1985	278.95	2,995	305,147	51.9	52.7	320	262	1.064	19.77	19.57	1.264	5.43	12.36	6.92	7.65	-0.73
1986	278.44	3,046	309,775	55.6	39.4	320	268	1.264	18.58	19.46	0.381	5.97	12.94	6.98	7.65	-0.67
1987	282.45	3,110	320,847	56.5	34.0	320	281	0.381	18.04	17.51	0.914	5.94	13.88	7.94	7.65	0.29
1988	318.10	3,164	367,610	55.3	24.2	321	297	0.914	10.44	10.86	0.497	3.29	14.83	11.53	7.65	3.88
1989	278.01	3,253	330,298	53.0	37.6	320	271	0.497	14.64	14.74	0.395	5.09	12.42	7.33	7.65	-0.32
1990	275.37	3,271	329,036	56.0	40.6	320	274	0.395	18.83	18.55	0.671	5.63	12.80	7.16	7.65	-0.49
1991	296.64	3,393	367,571	55.7	28.7	320	286	0.671	17.39	17.29	0.775	5.31	13.83	8.52	7.65	0.87
1992	263.80	3,485	335,795	54.0	50.6	321	246	0.775	21.12	20.75	1.141	5.93	11.42	5.48	7.65	-2.17
1993	246.05	3,594	322,964	52.4	51.5	320	250	1.141	23.34	23.87	0.608	7.93	11.96	4.03	7.65	-3.62
1994	279.93	3,665	374,678	54.7	28.3	320	272	0.608	14.20	14.45	0.355	4.26	12.97	8.71	7.65	1.06
1995	278.75	3,753	382,056	53.8	34.6	320	263	0.355	15.87	15.84	0.384	5.40	12.22	6.82	7.65	-0.83
1996	256.45	3,823	358,073	52.0	40.4	321	256	0.384	17.45	17.53	0.300	5.89	11.87	5.98	7.65	-1.67
1997	281.93	3,895	401,108	53.3	33.1	320	259	0.300	17.50	16.81	0.989	5.00	12.09	7.08	7.65	-0.57
1998	273.97	3,957	395,963	56.9	49.5	320	272	0.989	19.80	20.44	0.349	5.82	13.09	7.27	7.65	-0.38
1999	291.17	4,037	429,351	55.8	40.1	320	270	0.349	17.48	17.29	0.543	5.32	12.54	7.22	7.65	-0.43
2000	300.70	4,181	459,239	54.9	35.0	321	281	0.543	14.89	14.98	0.456	4.28	13.40	9.11	7.65	1.46
2001	279.35	4,302	438,903	55.6	53.5	320	269	0.456	19.13	19.31	0.273	6.91	13.71	6.80	7.65	-0.85
2002	303.00	4,462	493,843	55.7	24.8	320	281	0.273	13.86	14.04	0.090	4.68	14.89	10.21	7.65	2.56

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YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	57.2	36.1	320	193	3.426	15.50	18.26	0.664	3.76	7.57	3.81	7.65	-3.84
1971	#N/A	#N/A	#N/A	54.1	27.8	320	274	0.664	18.09	17.64	1.114	5.41	13.02	7.61	7.65	-0.04
1972	#N/A	#N/A	#N/A	53.1	33.5	321	263	1.114	20.36	20.69	0.786	6.37	12.57	6.20	7.65	-1.45
1973	#N/A	#N/A	#N/A	54.9	55.3	320	262	0.786	20.17	19.84	1.117	5.17	12.28	7.11	7.65	-0.54
1974	#N/A	#N/A	#N/A	54.4	36.1	320	269	1.117	15.45	15.61	0.959	4.03	12.76	8.73	7.65	1.07
1975	#N/A	#N/A	#N/A	54.9	34.1	320	281	0.959	13.71	13.78	0.890	4.06	13.71	9.64	7.65	1.99
1976	#N/A	#N/A	#N/A	54.1	23.7	321	277	0.890	11.82	12.50	0.209	3.63	13.23	9.60	7.65	1.94
1977	#N/A	#N/A	#N/A	54.9	49.7	320	275	0.209	18.65	18.48	0.381	6.53	13.20	6.67	7.65	-0.98
1978	#N/A	#N/A	#N/A	52.9	34.0	320	283	0.381	16.67	16.65	0.397	5.96	13.48	7.52	7.65	-0.13
1979	#N/A	#N/A	#N/A	52.0	31.8	320	267	0.397	14.29	14.57	0.114	4.82	12.34	7.52	7.65	-0.13
1980	#N/A	#N/A	#N/A	54.8	31.8	321	296	0.114	14.56	14.05	0.620	4.58	14.78	10.21	7.65	2.55
1981	#N/A	#N/A	#N/A	55.0	42.1	320	263	0.620	17.40	17.51	0.514	6.24	12.41	6.17	7.65	-1.48
1982	#N/A	#N/A	#N/A	53.0	47.2	320	263	0.514	17.76	17.28	0.995	5.62	12.16	6.53	7.65	-1.12
1983	#N/A	#N/A	#N/A	53.5	32.9	320	286	0.995	16.14	15.84	1.298	4.51	13.72	9.21	7.65	1.56
1984	672.51	236	57,970	54.0	38.8	321	268	1.298	18.81	19.04	1.064	4.22	12.93	8.71	7.65	1.06
1985	679.10	237	58,786	51.9	52.7	320	262	1.064	19.77	19.57	1.264	5.43	12.36	6.92	7.65	-0.73
1986	740.46	240	64,909	55.6	39.4	320	268	1.264	18.58	19.46	0.381	5.97	12.94	6.98	7.65	-0.67
1987	808.91	244	72,091	56.5	34.0	320	281	0.381	18.04	17.51	0.914	5.94	13.88	7.94	7.65	0.29
1988	823.96	255	76,743	55.3	24.2	321	297	0.914	10.44	10.86	0.497	3.29	14.83	11.53	7.65	3.88
1989	708.15	261	67,551	53.0	37.6	320	271	0.497	14.64	14.74	0.395	5.09	12.42	7.33	7.65	-0.32
1990	741.21	267	72,171	56.0	40.6	320	274	0.395	18.83	18.55	0.671	5.63	12.80	7.16	7.65	-0.49
1991	764.89	266	74,337	55.7	28.7	320	286	0.671	17.39	17.29	0.775	5.31	13.83	8.52	7.65	0.87
1992	668.75	267	65,279	54.0	50.6	321	246	0.775	21.12	20.75	1.141	5.93	11.42	5.48	7.65	-2.17
1993	640.09	263	61,565	52.4	51.5	320	250	1.141	23.34	23.87	0.608	7.93	11.96	4.03	7.65	-3.62
1994	750.40	265	72,609	54.7	28.3	320	272	0.608	14.20	14.45	0.355	4.26	12.97	8.71	7.65	1.06
1995	815.53	279	83,181	53.8	34.6	320	263	0.355	15.87	15.84	0.384	5.40	12.22	6.82	7.65	-0.83
1996	813.05	278	82,581	52.0	40.4	321	256	0.384	17.45	17.53	0.300	5.89	11.87	5.98	7.65	-1.67
1997	864.04	285	89,864	53.3	33.1	320	259	0.300	17.50	16.81	0.989	5.00	12.09	7.08	7.65	-0.57
1998	891.58	293	95,415	56.9	49.5	320	272	0.989	19.80	20.44	0.349	5.82	13.09	7.27	7.65	-0.38
1999	896.11	301	98,464	55.8	40.1	320	270	0.349	17.48	17.29	0.543	5.32	12.54	7.22	7.65	-0.43
2000	848.75	311	96,257	54.9	35.0	321	281	0.543	14.89	14.98	0.456	4.28	13.40	9.11	7.65	1.46
2001	893.64	319	103,959	55.6	53.5	320	269	0.456	19.13	19.31	0.273	6.91	13.71	6.80	7.65	-0.85
2002	995.26	319	115,872	55.7	24.8	320	281	0.273	13.86	14.04	0.090	4.68	14.89	10.21	7.65	2.56

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YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				54.8	37.8	320	273	3.426	15.82	18.66	0.590	5.22	11.31	6.08	6.18	-0.10
1971				55.1	35.9	320	278	0.590	14.78	14.24	1.131	3.95	11.13	7.18	6.18	1.00
1972				53.4	34.2	321	269	1.131	16.45	16.33	1.255	4.49	11.22	6.72	6.18	0.54
1973				55.5	38.7	320	270	1.255	20.51	20.65	1.113	4.83	10.83	6.00	6.18	-0.18
1974				53.9	39.3	320	263	1.113	20.34	20.56	0.893	5.64	10.60	4.96	6.18	-1.22
1975				54.9	39.9	320	272	0.893	19.33	19.37	0.856	5.20	11.06	5.85	6.18	-0.33
1976				53.6	24.0	321	271	0.856	13.16	13.52	0.495	3.69	10.97	7.28	6.18	1.10
1977				54.6	47.1	320	286	0.495	18.53	18.16	0.869	5.31	11.81	6.50	6.18	0.32
1978				52.3	35.4	320	277	0.869	16.84	16.78	0.935	4.93	11.44	6.51	6.18	0.33
1979				51.8	32.8	320	274	0.935	15.10	15.20	0.831	4.11	11.07	6.96	6.18	0.78
1980				54.2	24.1	321	292	0.831	13.32	13.65	0.494	4.22	12.52	8.30	6.18	2.12
1981				54.5	46.4	320	265	0.494	19.43	18.98	0.940	6.40	10.85	4.44	6.18	-1.74
1982				53.1	46.4	320	263	0.940	22.36	22.09	1.210	6.33	10.42	4.08	6.18	-2.10
1983				54.2	43.5	320	284	1.210	18.17	18.01	1.367	4.65	11.81	7.16	6.18	0.98
1984	277.22	12,038.00	1,218,899	54.7	43.2	321	273	1.367	20.57	21.18	0.755	4.32	11.29	6.97	6.18	0.79
1985	257.35	12,846.00	1,207,469	53.4	52.1	320	266	0.755	20.95	19.90	1.808	5.28	10.74	5.46	6.18	-0.72
1986	280.84	13,738.00	1,409,220	55.8	38.9	320	276	1.808	17.39	18.52	0.676	4.72	11.56	6.84	6.18	0.66
1987	297.46	15,033.00	1,633,284	56.1	40.4	320	284	0.676	15.75	15.03	1.396	3.76	12.06	8.30	6.18	2.12
1988	313.74	15,919.00	1,824,191	54.4	37.4	321	287	1.396	15.51	15.69	1.213	3.37	12.14	8.77	6.18	2.59
1989	279.43	16,489.17	1,682,898	53.3	29.1	320	274	1.213	14.22	14.94	0.499	4.43	10.80	6.37	6.18	0.19
1990	254.97	17,004.92	1,583,612	56.4	46.4	320	280	0.499	19.42	18.41	1.513	4.80	11.18	6.38	6.18	0.20
1991	278.50	17,530.08	1,783,167	55.9	31.0	320	279	1.513	18.46	19.07	0.904	4.78	11.51	6.73	6.18	0.55
1992	273.82	18,113.00	1,811,527	54.1	33.6	321	250	0.904	17.05	16.75	1.207	3.76	10.10	6.34	6.18	0.16
1993	235.27	18,768	1,612,803	53.0	58.7	320	248	1.207	23.84	24.30	0.742	6.99	10.22	3.23	6.18	-2.95
1994	279.90	19,671	2,011,009	54.4	42.1	320	264	0.742	19.00	18.94	0.810	4.72	10.51	5.79	6.18	-0.39
1995	279.23	21,046	2,146,503	53.7	48.3	320	264	0.810	19.58	19.59	0.796	5.57	10.51	4.94	6.18	-1.24
1996	270.91	22,020	2,178,820	52.4	48.7	321	257	0.796	19.98	19.81	0.961	5.44	10.27	4.83	6.18	-1.35
1997	275.28	23,081	2,320,674	53.4	39.9	320	256	0.961	20.91	20.69	1.178	5.01	10.19	5.18	6.18	-1.00
1998	257.99	24,141	2,274,780	56.9	53.4	320	270	1.178	24.11	24.51	0.773	6.89	11.00	4.12	6.18	-2.06
1999	284.14	24,970	2,591,401	56.1	33.9	320	274	0.773	15.63	15.98	0.423	3.83	11.07	7.25	6.18	1.07
2000	260.53	25,584	2,434,554	55.2	39.3	321	273	0.423	16.94	16.61	0.748	4.93	10.90	5.97	6.18	-0.21
2001	266.46	25,987	2,529,186	57.2	41.9	320	273	0.748	20.48	19.90	1.326	6.10	11.89	5.78	6.18	-0.39
2002	276.92	26,375	2,667,699	56.0	44.4	320	267	1.326	18.89	19.36	0.863	5.19	11.95	6.76	6.18	0.58

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YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				54.8	37.8	320	273	3.426	15.82	18.66	0.590	5.22	11.31	6.08	6.18	-0.10
1971		41		55.1	35.9	320	278	0.590	14.78	14.24	1.131	3.95	11.13	7.18	6.18	1.00
1972		67		53.4	34.2	321	269	1.131	16.45	16.33	1.255	4.49	11.22	6.72	6.18	0.54
1973		93		55.5	38.7	320	270	1.255	20.51	20.65	1.113	4.83	10.83	6.00	6.18	-0.18
1974		119		53.9	39.3	320	263	1.113	20.34	20.56	0.893	5.64	10.60	4.96	6.18	-1.22
1975		144		54.9	39.9	320	272	0.893	19.33	19.37	0.856	5.20	11.06	5.85	6.18	-0.33
1976		170		53.6	24.0	321	271	0.856	13.16	13.52	0.495	3.69	10.97	7.28	6.18	1.10
1977		196		54.6	47.1	320	286	0.495	18.53	18.16	0.869	5.31	11.81	6.50	6.18	0.32
1978		222		52.3	35.4	320	277	0.869	16.84	16.78	0.935	4.93	11.44	6.51	6.18	0.33
1979		248		51.8	32.8	320	274	0.935	15.10	15.20	0.831	4.11	11.07	6.96	6.18	0.78
1980		274		54.2	24.1	321	292	0.831	13.32	13.65	0.494	4.22	12.52	8.30	6.18	2.12
1981		300		54.5	46.4	320	265	0.494	19.43	18.98	0.940	6.40	10.85	4.44	6.18	-1.74
1982		326		53.1	46.4	320	263	0.940	22.36	22.09	1.210	6.33	10.42	4.08	6.18	-2.10
1983		352		54.2	43.5	320	284	1.210	18.17	18.01	1.367	4.65	11.81	7.16	6.18	0.98
1984	1,415	378	195,335	54.7	43.2	321	273	1.367	20.57	21.18	0.755	4.32	11.29	6.97	6.18	0.79
1985	1,326	422	204,460	53.4	52.1	320	266	0.755	20.95	19.90	1.808	5.28	10.74	5.46	6.18	-0.72
1986	1,318	475	228,606	55.8	38.9	320	276	1.808	17.39	18.52	0.676	4.72	11.56	6.84	6.18	0.66
1987	1,408	531	273,005	56.1	40.4	320	284	0.676	15.75	15.03	1.396	3.76	12.06	8.30	6.18	2.12
1988	1,412	566	291,993	54.4	37.4	321	287	1.396	15.51	15.69	1.213	3.37	12.14	8.77	6.18	2.59
1989	1,281	599	280,524	53.3	29.1	320	274	1.213	14.22	14.94	0.499	4.43	10.80	6.37	6.18	0.19
1990	1,334	618	301,257	56.4	46.4	320	280	0.499	19.42	18.41	1.513	4.80	11.18	6.38	6.18	0.20
1991	1,357	636	315,163	55.9	31.0	320	279	1.513	18.46	19.07	0.904	4.78	11.51	6.73	6.18	0.55
1992	1,356	650	322,118	54.1	33.6	321	250	0.904	17.05	16.75	1.207	3.76	10.10	6.34	6.18	0.16
1993	1,212	723	319,964	53.0	58.7	320	248	1.207	23.84	24.30	0.742	6.99	10.22	3.23	6.18	-2.95
1994	1,142	818	341,230	54.4	42.1	320	264	0.742	19.00	18.94	0.810	4.72	10.51	5.79	6.18	-0.39
1995	1,396	587	299,271	53.7	48.3	320	264	0.810	19.58	19.59	0.796	5.57	10.51	4.94	6.18	-1.24
1996	1,397	700	356,974	52.4	48.7	321	257	0.796	19.98	19.81	0.961	5.44	10.27	4.83	6.18	-1.35
1997	1,370	750	375,258	53.4	39.9	320	256	0.961	20.91	20.69	1.178	5.01	10.19	5.18	6.18	-1.00
1998	1,287	778	365,963	56.9	53.4	320	270	1.178	24.11	24.51	0.773	6.89	11.00	4.12	6.18	-2.06
1999	1,352	806	398,013	56.1	33.9	320	274	0.773	15.63	15.98	0.423	3.83	11.07	7.25	6.18	1.07
2000	1,277	842	392,897	55.2	39.3	321	273	0.423	16.94	16.61	0.748	4.93	10.90	5.97	6.18	-0.21
2001	1,311	887	424,611	57.2	41.9	320	273	0.748	20.48	19.90	1.326	6.10	11.89	5.78	6.18	-0.39
2002	1,246	894	406,819	56.0	44.4	320	267	1.326	18.89	19.36	0.863	5.19	11.95	6.76	6.18	0.58

MISSOURI AMERICAN WATER COMPANY (ST JOSEPH RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				56.2	36.0	320	285	3.426	19.76	22.21	0.971	6.10	10.19	4.09	3.70	0.39
1971				54.3	28.3	320	282	0.971	16.62	16.04	1.547	4.69	9.65	4.96	3.70	1.26
1972				53.0	32.9	321	273	1.547	18.73	18.99	1.291	6.20	9.50	3.30	3.70	-0.40
1973				54.9	55.6	320	269	1.291	25.04	24.79	1.537	6.25	9.19	2.94	3.70	-0.76
1974				53.8	29.4	320	272	1.537	17.00	17.34	1.198	4.20	9.37	5.17	3.70	1.47
1975				54.4	33.2	320	282	1.198	17.39	17.55	1.044	5.34	9.77	4.43	3.70	0.73
1976				54.1	22.1	321	279	1.044	11.53	12.26	0.319	3.63	9.62	5.98	3.70	2.28
1977				55.6	43.3	320	281	0.319	18.56	17.96	0.919	5.97	9.79	3.82	3.70	0.12
1978				53.1	37.6	320	282	0.919	20.71	20.88	0.746	6.33	9.75	3.42	3.70	-0.28
1979				51.5	31.2	320	266	0.746	17.81	18.16	0.401	6.08	8.82	2.74	3.70	-0.96
1980				54.9	27.7	321	298	0.401	15.17	14.74	0.833	4.67	10.66	5.99	3.70	2.29
1981				54.6	35.2	320	265	0.833	17.45	17.38	0.905	5.99	8.97	2.98	3.70	-0.72
1982				51.4	48.8	320	249	0.905	21.67	21.04	1.527	6.34	8.10	1.77	3.70	-1.93
1983				53.1	31.7	320	268	1.527	18.86	18.32	2.066	4.72	9.14	4.42	3.70	0.72
1984	186.02	23,362	1,587,311	54.8	36.2	321	264	2.066	21.16	21.95	1.276	5.12	9.14	4.02	3.70	0.32
1985	177.26	23,551	1,524,753	51.4	47.2	320	255	1.276	23.34	22.63	1.983	6.16	8.62	2.46	3.70	-1.24
1986	177.52	23,671	1,534,806	55.3	49.3	320	267	1.983	22.17	23.33	0.826	6.47	9.27	2.80	3.70	-0.90
1987	182.82	23,733	1,584,798	56.1	36.2	320	273	0.826	19.89	19.23	1.490	6.22	9.67	3.44	3.70	-0.26
1988	205.53	23,878	1,792,504	55.1	17.2	321	291	1.490	11.87	12.54	0.817	4.08	10.29	6.21	3.70	2.51
1989	194.08	24,066	1,705,993	53.4	27.4	320	278	0.817	14.93	15.07	0.677	4.85	9.30	4.44	3.70	0.74
1990	187.27	24,193	1,654,782	56.5	38.2	320	277	0.677	21.18	20.79	1.069	5.87	9.39	3.53	3.70	-0.17
1991	195.33	24,227	1,728,498	55.7	34.2	320	287	1.069	17.92	17.53	1.463	4.93	10.00	5.06	3.70	1.37
1992	181.73	25,362	1,683,422	54.0	39.0	321	245	1.463	23.73	23.11	2.085	6.08	8.22	2.14	3.70	-1.56
1993	176.17	26,281	1,691,082	51.9	40.9	320	241	2.085	27.19	28.46	0.815	7.51	8.22	0.71	3.70	-2.99
1994	186.50	26,436	1,800,800	54.1	26.8	320	264	0.815	15.62	15.69	0.745	4.96	9.01	4.05	3.70	0.35
1995	184.16	26,653	1,792,798	53.5	41.8	320	258	0.745	20.27	20.16	0.859	6.27	8.69	2.42	3.70	-1.28
1996	182.28	26,813	1,785,153	51.8	35.2	321	250	0.859	17.31	17.39	0.781	5.63	8.39	2.76	3.70	-0.94
1997	187.09	26,958	1,842,196	53.0	35.4	320	255	0.781	18.78	17.50	2.057	5.02	8.62	3.60	3.70	-0.10
1998	178.08	27,105	1,762,985	55.9	39.0	320	266	2.057	21.93	23.33	0.663	6.83	9.22	2.40	3.70	-1.30
1999	179.46	27,250	1,786,146	55.1	29.0	320	261	0.663	15.75	15.76	0.654	4.92	8.72	3.79	3.70	0.09
2000	195.08	27,592	1,965,978	54.6	27.1	321	277	0.654	13.99	13.88	0.763	4.28	9.52	5.24	3.70	1.54
2001	161.44	27,494	1,621,197	55.6	53.5	320	258	0.763	23.51	23.77	0.503	7.48	9.41	1.92	3.70	-1.78
2002	175.66	27,822	1,785,085	55.7	24.8	320	270	0.503	16.15	16.39	0.260	5.25	10.22	4.96	3.70	1.27

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YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				56.2	36.0	320	285	3.426	19.76	22.21	0.971	6.10	10.19	4.09	3.70	0.39
1971				54.3	28.3	320	282	0.971	16.62	16.04	1.547	4.69	9.65	4.96	3.70	1.26
1972				53.0	32.9	321	273	1.547	18.73	18.99	1.291	6.20	9.50	3.30	3.70	-0.40
1973				54.9	55.6	320	269	1.291	25.04	24.79	1.537	6.25	9.19	2.94	3.70	-0.76
1974				53.8	29.4	320	272	1.537	17.00	17.34	1.198	4.20	9.37	5.17	3.70	1.47
1975				54.4	33.2	320	282	1.198	17.39	17.55	1.044	5.34	9.77	4.43	3.70	0.73
1976				54.1	22.1	321	279	1.044	11.53	12.26	0.319	3.63	9.62	5.98	3.70	2.28
1977				55.6	43.3	320	281	0.319	18.56	17.96	0.919	5.97	9.79	3.82	3.70	0.12
1978				53.1	37.6	320	282	0.919	20.71	20.88	0.746	6.33	9.75	3.42	3.70	-0.28
1979				51.5	31.2	320	266	0.746	17.81	18.16	0.401	6.08	8.82	2.74	3.70	-0.96
1980				54.9	27.7	321	298	0.401	15.17	14.74	0.833	4.67	10.66	5.99	3.70	2.29
1981				54.6	35.2	320	265	0.833	17.45	17.38	0.905	5.99	8.97	2.98	3.70	-0.72
1982				51.4	48.8	320	249	0.905	21.67	21.04	1.527	6.34	8.10	1.77	3.70	-1.93
1983				53.1	31.7	320	268	1.527	18.86	18.32	2.066	4.72	9.14	4.42	3.70	0.72
1984	778.74	3,158	898,243	54.8	36.2	321	264	2.066	21.16	21.95	1.276	5.12	9.14	4.02	3.70	0.32
1985	742.96	3,142	852,635	51.4	47.2	320	255	1.276	23.34	22.63	1.983	6.16	8.62	2.46	3.70	-1.24
1986	747.95	3,120	852,352	55.3	49.3	320	267	1.983	22.17	23.33	0.826	6.47	9.27	2.80	3.70	-0.90
1987	756.32	3,139	867,136	56.1	36.2	320	273	0.826	19.89	19.23	1.490	6.22	9.67	3.44	3.70	-0.26
1988	834.07	3,137	955,664	55.1	17.2	321	291	1.490	11.87	12.54	0.817	4.08	10.29	6.21	3.70	2.51
1989	778.89	3,138	892,727	53.4	27.4	320	278	0.817	14.93	15.07	0.677	4.85	9.30	4.44	3.70	0.74
1990	778.29	3,121	887,070	56.5	38.2	320	277	0.677	21.18	20.79	1.069	5.87	9.39	3.53	3.70	-0.17
1991	852.52	3,144	979,061	55.7	34.2	320	287	1.069	17.92	17.53	1.463	4.93	10.00	5.06	3.70	1.37
1992	790.00	3,174	915,854	54.0	39.0	321	245	1.463	23.73	23.11	2.085	6.08	8.22	2.14	3.70	-1.56
1993	772.15	3,185	898,211	51.9	40.9	320	241	2.085	27.19	28.46	0.815	7.51	8.22	0.71	3.70	-2.99
1994	819.45	3,175	950,189	54.1	26.8	320	264	0.815	15.62	15.69	0.745	4.96	9.01	4.05	3.70	0.35
1995	807.29	3,190	940,736	53.5	41.8	320	258	0.745	20.27	20.16	0.859	6.27	8.69	2.42	3.70	-1.28
1996	807.00	3,172	934,916	51.8	35.2	321	250	0.859	17.31	17.39	0.781	5.63	8.39	2.76	3.70	-0.94
1997	840.46	3,149	966,800	53.0	35.4	320	255	0.781	18.78	17.50	2.057	5.02	8.62	3.60	3.70	-0.10
1998	817.10	3,156	941,795	55.9	39.0	320	266	2.057	21.93	23.33	0.663	6.83	9.22	2.40	3.70	-1.30
1999	865.25	3,168	1,001,054	55.1	29.0	320	261	0.663	15.75	15.76	0.654	4.92	8.72	3.79	3.70	0.09
2000	885.63	3,175	1,027,086	54.6	27.1	321	277	0.654	13.99	13.88	0.763	4.28	9.52	5.24	3.70	1.54
2001	870.49	3,156	1,003,364	55.6	53.5	320	258	0.763	23.51	23.77	0.503	7.48	9.41	1.92	3.70	-1.78
2002	836.98	3,121	954,243	55.7	24.8	320	270	0.503	16.15	16.39	0.260	5.25	10.22	4.96	3.70	1.27

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YYYY	GCD(OLD CUS)	OLD CUS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	54.8	36.2	320	265	3.426	20.66	20.38	3.714	6.77	14.71	7.94	8.52	-0.58
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	3.714	19.17	18.54	4.340	6.00	15.20	9.20	8.52	0.68
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	4.340	19.66	19.06	4.936	5.99	15.27	9.28	8.52	0.76
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	4.936	20.34	20.50	4.776	6.15	14.39	8.24	8.52	-0.28
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	4.776	19.28	20.54	3.514	6.32	14.13	7.80	8.52	-0.72
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	3.514	22.18	21.76	3.938	7.45	14.57	7.12	8.52	-1.40
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	3.938	14.40	15.90	2.441	4.94	14.65	9.71	8.52	1.19
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	2.441	20.95	19.03	4.364	6.42	15.74	9.32	8.52	0.80
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	4.364	17.79	18.13	4.026	6.44	15.02	8.58	8.52	0.06
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	4.026	15.22	16.29	2.954	5.74	15.08	9.34	8.52	0.82
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	2.954	16.32	16.87	2.399	6.16	16.60	10.44	8.52	1.92
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	2.399	22.32	20.91	3.806	7.12	14.07	6.95	8.52	-1.57
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	3.806	23.07	22.07	4.808	6.99	13.93	6.93	8.52	-1.59
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	4.808	19.14	19.01	4.939	5.81	15.47	9.66	8.52	1.14
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	4.939	20.59	20.59	4.939	5.66	14.86	9.20	8.52	0.68
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	4.939	20.26	20.50	4.697	6.84	14.34	7.50	8.52	-1.02
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	4.697	20.40	21.10	4.000	6.45	15.60	9.16	8.52	0.64
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	4.000	19.48	18.69	4.788	5.78	15.79	10.01	8.52	1.49
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	4.788	16.67	16.54	4.916	4.90	16.46	11.56	8.52	3.04
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	4.916	16.09	18.47	2.537	5.84	14.28	8.43	8.52	-0.09
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	2.537	22.57	20.81	4.299	6.48	14.35	7.87	8.52	-0.65
1991	#N/A	#N/A	#N/A	58.3	33.5	320	281	4.299	19.83	19.57	4.567	5.89	15.76	9.88	8.52	1.36
1992	#N/A	#N/A	#N/A	56.2	33.5	321	248	4.567	19.74	19.83	4.477	5.35	13.43	8.08	8.52	-0.44
1993	18087.56	29	191,588	54.7	54.8	320	247	4.477	23.46	23.31	4.621	7.60	13.73	6.13	8.52	-2.39
1994	17512.66	36	230,274	56.8	34.7	320	266	4.621	19.33	19.78	4.177	5.83	14.42	8.59	8.52	0.07
1995	17411.19	39	248,018	56.2	41.7	320	265	4.177	19.13	19.78	3.532	6.74	14.40	7.65	8.52	-0.86
1996	17728.25	41	265,485	55.0	43.7	321	257	3.532	20.80	20.20	4.131	6.44	13.89	7.45	8.52	-1.07
1997	16548.85	45	272,001	55.2	31.2	320	253	4.131	17.93	18.48	3.577	5.36	13.56	8.20	8.52	-0.32
1998	18299.33	47	314,140	58.8	43.6	320	269	3.577	24.04	24.39	3.227	7.84	14.75	6.90	8.52	-1.62
1999	18706.07	46	314,290	58.0	34.1	320	271	3.227	18.77	19.57	2.423	6.18	14.75	8.56	8.52	0.05
2000	17591.60	48	308,416	56.2	37.4	321	265	2.423	20.63	19.18	3.875	6.33	14.18	7.85	8.52	-0.67
2001	17460.01	50	320,458	57.8	35.3	320	270	3.875	22.21	21.41	4.677	7.32	15.83	8.51	8.52	-0.01
2002	11051.03	23	93,846	57.9	41.0	320	270	4.677	19.88	21.08	3.479	7.07	16.28	9.21	8.52	0.69

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YYYY	GCD(OLD CUS)	OLD CUS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	54.8	36.2	320	265	3.426	20.66	20.38	3.714	6.77	14.71	7.94	8.52	-0.58
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	3.714	19.17	18.54	4.340	6.00	15.20	9.20	8.52	0.68
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	4.340	19.66	19.06	4.936	5.99	15.27	9.28	8.52	0.76
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	4.936	20.34	20.50	4.776	6.15	14.39	8.24	8.52	-0.28
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	4.776	19.28	20.54	3.514	6.32	14.13	7.80	8.52	-0.72
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	3.514	22.18	21.76	3.938	7.45	14.57	7.12	8.52	-1.40
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	3.938	14.40	15.90	2.441	4.94	14.65	9.71	8.52	1.19
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	2.441	20.95	19.03	4.364	6.42	15.74	9.32	8.52	0.80
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	4.364	17.79	18.13	4.026	6.44	15.02	8.58	8.52	0.06
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	4.026	15.22	16.29	2.954	5.74	15.08	9.34	8.52	0.82
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	2.954	16.32	16.87	2.399	6.16	16.60	10.44	8.52	1.92
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	2.399	22.32	20.91	3.806	7.12	14.07	6.95	8.52	-1.57
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	3.806	23.07	22.07	4.808	6.99	13.93	6.93	8.52	-1.59
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	4.808	19.14	19.01	4.939	5.81	15.47	9.66	8.52	1.14
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	4.939	20.59	20.59	4.939	5.66	14.86	9.20	8.52	0.68
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	4.939	20.26	20.50	4.697	6.84	14.34	7.50	8.52	-1.02
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	4.697	20.40	21.10	4.000	6.45	15.60	9.16	8.52	0.64
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	4.000	19.48	18.69	4.788	5.78	15.79	10.01	8.52	1.49
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	4.788	16.67	16.54	4.916	4.90	16.46	11.56	8.52	3.04
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	4.916	16.09	18.47	2.537	5.84	14.28	8.43	8.52	-0.09
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	2.537	22.57	20.81	4.299	6.48	14.35	7.87	8.52	-0.65
1991	#N/A	#N/A	#N/A	58.3	33.5	320	281	4.299	19.83	19.57	4.567	5.89	15.76	9.88	8.52	1.36
1992	#N/A	#N/A	#N/A	56.2	33.5	321	248	4.567	19.74	19.83	4.477	5.35	13.43	8.08	8.52	-0.44
1993	12263.01	399	1,787,147	54.7	54.8	320	247	4.477	23.46	23.31	4.621	7.60	13.73	6.13	8.52	-2.39
1994	14357.70	457	2,396,576	56.8	34.7	320	266	4.621	19.33	19.78	4.177	5.83	14.42	8.59	8.52	0.07
1995	14130.31	472	2,436,038	56.2	41.7	320	265	4.177	19.13	19.78	3.532	6.74	14.40	7.65	8.52	-0.86
1996	13796.92	459	2,313,050	55.0	43.7	321	257	3.532	20.80	20.20	4.131	6.44	13.89	7.45	8.52	-1.07
1997	15320.32	437	2,445,342	55.2	31.2	320	253	4.131	17.93	18.48	3.577	5.36	13.56	8.20	8.52	-0.32
1998	14342.25	407	2,132,073	58.8	43.6	320	269	3.577	24.04	24.39	3.227	7.84	14.75	6.90	8.52	-1.62
1999	15880.85	405	2,349,194	58.0	34.1	320	271	3.227	18.77	19.57	2.423	6.18	14.75	8.56	8.52	0.05
2000	14164.22	398	2,059,046	56.2	37.4	321	265	2.423	20.63	19.18	3.875	6.33	14.18	7.85	8.52	-0.67
2001	15387.28	400	2,248,082	57.8	35.3	320	270	3.875	22.21	21.41	4.677	7.32	15.83	8.51	8.52	-0.01
2002	16720.46	400	2,442,859	57.9	41.0	320	270	4.677	19.88	21.08	3.479	7.07	16.28	9.21	8.52	0.69

MISSOURI AMERICAN WATER COMPANY (QUARTERLY RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GCD(OLD CUS)	OLD CUS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	54.8	36.2	320	265	3.426	20.66	20.38	3.714	6.77	14.71	7.94	8.52	-0.58
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	3.714	19.17	18.54	4.340	6.00	15.20	9.20	8.52	0.68
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	4.340	19.66	19.06	4.936	5.99	15.27	9.28	8.52	0.76
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	4.936	20.34	20.50	4.776	6.15	14.39	8.24	8.52	-0.28
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	4.776	19.28	20.54	3.514	6.32	14.13	7.80	8.52	-0.72
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	3.514	22.18	21.76	3.938	7.45	14.57	7.12	8.52	-1.40
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	3.938	14.40	15.90	2.441	4.94	14.65	9.71	8.52	1.19
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	2.441	20.95	19.03	4.364	6.42	15.74	9.32	8.52	0.80
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	4.364	17.79	18.13	4.026	6.44	15.02	8.58	8.52	0.06
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	4.026	15.22	16.29	2.954	5.74	15.08	9.34	8.52	0.82
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	2.954	16.32	16.87	2.399	6.16	16.60	10.44	8.52	1.92
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	2.399	22.32	20.91	3.806	7.12	14.07	6.95	8.52	-1.57
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	3.806	23.07	22.07	4.808	6.99	13.93	6.93	8.52	-1.59
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	4.808	19.14	19.01	4.939	5.81	15.47	9.66	8.52	1.14
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	4.939	20.59	20.59	4.939	5.66	14.86	9.20	8.52	0.68
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	4.939	20.26	20.50	4.697	6.84	14.34	7.50	8.52	-1.02
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	4.697	20.40	21.10	4.000	6.45	15.60	9.16	8.52	0.64
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	4.000	19.48	18.69	4.788	5.78	15.79	10.01	8.52	1.49
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	4.788	16.67	16.54	4.916	4.90	16.46	11.56	8.52	3.04
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	4.916	16.09	18.47	2.537	5.84	14.28	8.43	8.52	-0.09
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	2.537	22.57	20.81	4.299	6.48	14.35	7.87	8.52	-0.65
1991	#N/A	#N/A	#N/A	58.3	33.5	320	281	4.299	19.83	19.57	4.567	5.89	15.76	9.88	8.52	1.36
1992	#N/A	#N/A	#N/A	56.2	33.5	321	248	4.567	19.74	19.83	4.477	5.35	13.43	8.08	8.52	-0.44
1993	262.76	274,429	26,337,508	54.7	54.8	320	247	4.477	23.46	23.31	4.621	7.60	13.73	6.13	8.52	-2.39
1994	293.85	277,001	29,729,856	56.8	34.7	320	266	4.621	19.33	19.78	4.177	5.83	14.42	8.59	8.52	0.07
1995	282.00	279,330	28,771,525	56.2	41.7	320	265	4.177	19.13	19.78	3.532	6.74	14.40	7.65	8.52	-0.86
1996	284.50	281,490	29,250,936	55.0	43.7	321	257	3.532	20.80	20.20	4.131	6.44	13.89	7.45	8.52	-1.07
1997	287.22	283,094	29,698,300	55.2	31.2	320	253	4.131	17.93	18.48	3.577	5.36	13.56	8.20	8.52	-0.32
1998	270.92	284,600	28,162,554	58.8	43.6	320	269	3.577	24.04	24.39	3.227	7.84	14.75	6.90	8.52	-1.62
1999	294.56	285,908	30,760,506	58.0	34.1	320	271	3.227	18.77	19.57	2.423	6.18	14.75	8.56	8.52	0.05
2000	281.85	286,670	29,511,009	56.2	37.4	321	265	2.423	20.63	19.18	3.875	6.33	14.18	7.85	8.52	-0.67
2001	288.87	287,821	30,367,468	57.8	35.3	320	270	3.875	22.21	21.41	4.677	7.32	15.83	8.51	8.52	-0.01
2002	298.26	288,734	31,454,872	57.9	41.0	320	270	4.677	19.88	21.08	3.479	7.07	16.28	9.21	8.52	0.69

MISSOURI AMERICAN WATER COMPANY (ST LOUIS QUARTERLY COMMERCIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GCD(OLD CUS)	OLD CUS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSHORT
1970	#N/A	#N/A	#N/A	54.8	36.2	320	265	3.426	20.66	20.38	3.714	6.77	14.71	7.94	8.52	-0.58
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	3.714	19.17	18.54	4.340	6.00	15.20	9.20	8.52	0.68
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	4.340	19.66	19.06	4.936	5.99	15.27	9.28	8.52	0.76
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	4.936	20.34	20.50	4.776	6.15	14.39	8.24	8.52	-0.28
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	4.776	19.28	20.54	3.514	6.32	14.13	7.80	8.52	-0.72
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	3.514	22.18	21.76	3.938	7.45	14.57	7.12	8.52	-1.40
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	3.938	14.40	15.90	2.441	4.94	14.65	9.71	8.52	1.19
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	2.441	20.95	19.03	4.364	6.42	15.74	9.32	8.52	0.80
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	4.364	17.79	18.13	4.026	6.44	15.02	8.58	8.52	0.06
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	4.026	15.22	16.29	2.954	5.74	15.08	9.34	8.52	0.82
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	2.954	16.32	16.87	2.399	6.16	16.60	10.44	8.52	1.92
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	2.399	22.32	20.91	3.806	7.12	14.07	6.95	8.52	-1.57
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	3.806	23.07	22.07	4.808	6.99	13.93	6.93	8.52	-1.59
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	4.808	19.14	19.01	4.939	5.81	15.47	9.66	8.52	1.14
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	4.939	20.59	20.59	4.939	5.66	14.86	9.20	8.52	0.68
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	4.939	20.26	20.50	4.697	6.84	14.34	7.50	8.52	-1.02
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	4.697	20.40	21.10	4.000	6.45	15.60	9.16	8.52	0.64
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	4.000	19.48	18.69	4.788	5.78	15.79	10.01	8.52	1.49
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	4.788	16.67	16.54	4.916	4.90	16.46	11.56	8.52	3.04
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	4.916	16.09	18.47	2.537	5.84	14.28	8.43	8.52	-0.09
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	2.537	22.57	20.81	4.299	6.48	14.35	7.87	8.52	-0.65
1991	#N/A	#N/A	#N/A	58.3	33.5	320	281	4.299	19.83	19.57	4.567	5.89	15.76	9.88	8.52	1.36
1992	#N/A	#N/A	#N/A	56.2	33.5	321	248	4.567	19.74	19.83	4.477	5.35	13.43	8.08	8.52	-0.44
1993	975.31	14,467	5,153,617	54.7	54.8	320	247	4.477	23.46	23.31	4.621	7.60	13.73	6.13	8.52	-2.39
1994	1004.06	14,559	5,339,279	56.8	34.7	320	266	4.621	19.33	19.78	4.177	5.83	14.42	8.59	8.52	0.07
1995	963.35	14,903	5,243,830	56.2	41.7	320	265	4.177	19.13	19.78	3.532	6.74	14.40	7.65	8.52	-0.86
1996	977.58	14,973	5,346,264	55.0	43.7	321	257	3.532	20.80	20.20	4.131	6.44	13.89	7.45	8.52	-1.07
1997	1009.78	15,029	5,543,026	55.2	31.2	320	253	4.131	17.93	18.48	3.577	5.36	13.56	8.20	8.52	-0.32
1998	1023.30	15,152	5,663,193	58.8	43.6	320	269	3.577	24.04	24.39	3.227	7.84	14.75	6.90	8.52	-1.62
1999	1100.27	15,258	6,131,810	58.0	34.1	320	271	3.227	18.77	19.57	2.423	6.18	14.75	8.56	8.52	0.05
2000	1085.61	15,256	6,049,274	56.2	37.4	321	265	2.423	20.63	19.18	3.875	6.33	14.18	7.85	8.52	-0.67
2001	1112.42	16745	6,246,176	57.8	35.3	320	270	3.875	22.21	21.41	4.677	7.32	15.83	8.51	8.52	-0.01
2002	1215.44	19024	6,876,553	57.9	41.0	320	270	4.677	19.88	21.08	3.479	7.07	16.28	9.21	8.52	0.69

MISSOURI AMERICAN WATER COMPANY (ST LOUIS MONTHLY OPA) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	55.1	36.2	320	265	3.426	20.96	23.27	1.115	6.34	9.20	2.86	3.61	-0.75
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	1.115	19.17	18.67	1.612	5.39	9.50	4.11	3.61	0.50
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	1.612	20.46	20.02	2.050	5.48	9.54	4.07	3.61	0.46
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	2.050	23.90	23.88	2.072	5.42	8.99	3.57	3.61	-0.04
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	2.072	22.27	23.04	1.299	5.48	8.83	3.35	3.61	-0.26
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	1.299	23.95	23.54	1.707	7.16	9.11	1.95	3.61	-1.66
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	1.707	14.40	15.39	0.720	4.15	9.15	5.00	3.61	1.39
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	0.720	21.27	20.58	1.411	6.30	9.84	3.54	3.61	-0.07
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	1.411	20.19	20.14	1.462	5.70	9.39	3.69	3.61	0.08
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	1.462	17.64	17.92	1.184	4.90	9.42	4.53	3.61	0.92
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	1.184	16.38	16.88	0.683	5.43	10.38	4.95	3.61	1.34
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	0.683	22.75	22.38	1.056	6.97	8.79	1.83	3.61	-1.78
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	1.056	26.44	25.28	2.221	6.51	8.70	2.19	3.61	-1.42
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	2.221	23.01	22.70	2.535	4.82	9.67	4.85	3.61	1.24
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	2.535	27.29	27.51	2.318	4.82	9.29	4.47	3.61	0.86
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	2.318	24.55	24.04	2.832	6.08	8.96	2.87	3.61	-0.74
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	2.832	20.66	22.66	0.829	5.82	9.75	3.93	3.61	0.32
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	0.829	19.86	18.43	2.255	5.13	9.87	4.74	3.61	1.13
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	2.255	17.89	18.11	2.033	3.84	10.29	6.44	3.61	2.83
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	2.033	17.94	19.13	0.844	5.50	8.92	3.42	3.61	-0.19
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	0.844	23.91	22.86	1.896	5.75	8.97	3.22	3.61	-0.40
1991	6366.93	42	98,447	58.3	33.5	320	281	1.896	21.17	21.41	1.657	4.90	9.85	4.95	3.61	1.34
1992	18120.64	15	99,830	56.2	33.5	321	248	1.657	20.17	20.37	1.460	4.85	8.39	3.54	3.61	-0.07
1993	13656.16	15	76,897	54.7	54.8	320	247	1.460	28.49	28.33	1.619	7.48	8.58	1.10	3.61	-2.51
1994	18323.17	16	108,196	56.8	34.7	320	266	1.619	21.36	21.74	1.243	5.13	9.01	3.88	3.61	0.27
1995	15040.80	16	86,525	56.2	41.7	320	265	1.243	21.72	21.36	1.602	6.08	9.00	2.92	3.61	-0.69
1996	15181.93	15	83,178	55.0	43.7	321	257	1.602	21.87	22.28	1.192	5.85	8.68	2.82	3.61	-0.79
1997	17294.89	16	103,177	55.2	31.2	320	253	1.192	18.87	18.73	1.327	4.57	8.47	3.90	3.61	0.29
1998	13357.65	17	82,941	58.8	43.6	320	269	1.327	27.15	27.67	0.802	7.48	9.22	1.73	3.61	-1.88
1999	19023.23	17	118,120	58.0	34.1	320	271	0.802	19.12	19.17	0.757	5.11	9.22	4.10	3.61	0.49
2000	14043.89	17	87,202	56.2	37.4	321	265	0.757	20.66	20.34	1.076	6.20	8.86	2.66	3.61	-0.95
2001	15652.13	17	97,188	57.8	35.3	320	270	1.076	22.46	21.58	1.952	6.60	9.89	3.29	3.61	-0.32
2002	15344.37	17	95,277	57.9	41.0	320	270	1.952	22.24	23.06	1.131	6.46	10.17	3.71	3.61	0.10

MISSOURI AMERICAN WATER COMPANY (ST LOUIS QUARTERLY OPA) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970	#N/A	#N/A	#N/A	55.1	36.2	320	265	3.426	20.96	23.27	1.115	6.34	9.20	2.86	3.61	-0.75
1971	#N/A	#N/A	#N/A	56.8	33.7	320	280	1.115	19.17	18.67	1.612	5.39	9.50	4.11	3.61	0.50
1972	#N/A	#N/A	#N/A	55.2	33.7	321	272	1.612	20.46	20.02	2.050	5.48	9.54	4.07	3.61	0.46
1973	#N/A	#N/A	#N/A	57.3	39.8	320	266	2.050	23.90	23.88	2.072	5.42	8.99	3.57	3.61	-0.04
1974	#N/A	#N/A	#N/A	56.2	36.8	320	262	2.072	22.27	23.04	1.299	5.48	8.83	3.35	3.61	-0.26
1975	#N/A	#N/A	#N/A	56.7	40.2	320	267	1.299	23.95	23.54	1.707	7.16	9.11	1.95	3.61	-1.66
1976	#N/A	#N/A	#N/A	55.3	23.5	321	269	1.707	14.40	15.39	0.720	4.15	9.15	5.00	3.61	1.39
1977	#N/A	#N/A	#N/A	56.7	43.4	320	283	0.720	21.27	20.58	1.411	6.30	9.84	3.54	3.61	-0.07
1978	#N/A	#N/A	#N/A	54.7	37.7	320	273	1.411	20.19	20.14	1.462	5.70	9.39	3.69	3.61	0.08
1979	#N/A	#N/A	#N/A	54.7	29.5	320	276	1.462	17.64	17.92	1.184	4.90	9.42	4.53	3.61	0.92
1980	#N/A	#N/A	#N/A	56.9	27.5	321	289	1.184	16.38	16.88	0.683	5.43	10.38	4.95	3.61	1.34
1981	#N/A	#N/A	#N/A	56.6	45.5	320	260	0.683	22.75	22.38	1.056	6.97	8.79	1.83	3.61	-1.78
1982	#N/A	#N/A	#N/A	55.4	55.0	320	261	1.056	26.44	25.28	2.221	6.51	8.70	2.19	3.61	-1.42
1983	#N/A	#N/A	#N/A	56.2	44.8	320	279	2.221	23.01	22.70	2.535	4.82	9.67	4.85	3.61	1.24
1984	#N/A	#N/A	#N/A	56.6	51.7	321	266	2.535	27.29	27.51	2.318	4.82	9.29	4.47	3.61	0.86
1985	#N/A	#N/A	#N/A	55.5	50.7	320	265	2.318	24.55	24.04	2.832	6.08	8.96	2.87	3.61	-0.74
1986	#N/A	#N/A	#N/A	57.9	34.9	320	276	2.832	20.66	22.66	0.829	5.82	9.75	3.93	3.61	0.32
1987	#N/A	#N/A	#N/A	58.5	38.4	320	277	0.829	19.86	18.43	2.255	5.13	9.87	4.74	3.61	1.13
1988	#N/A	#N/A	#N/A	56.5	33.9	321	287	2.255	17.89	18.11	2.033	3.84	10.29	6.44	3.61	2.83
1989	#N/A	#N/A	#N/A	55.3	28.6	320	268	2.033	17.94	19.13	0.844	5.50	8.92	3.42	3.61	-0.19
1990	#N/A	#N/A	#N/A	58.1	45.1	320	268	0.844	23.91	22.86	1.896	5.75	8.97	3.22	3.61	-0.40
1991	1177.45	421	181,057	58.3	33.5	320	281	1.896	21.17	21.41	1.657	4.90	9.85	4.95	3.61	1.34
1992	1057.24	465	179,659	56.2	33.5	321	248	1.657	20.17	20.37	1.460	4.85	8.39	3.54	3.61	-0.07
1993	805.93	498	145,416	54.7	54.8	320	247	1.460	28.49	28.33	1.619	7.48	8.58	1.10	3.61	-2.51
1994	1090.08	535	213,210	56.8	34.7	320	266	1.619	21.36	21.74	1.243	5.13	9.01	3.88	3.61	0.27
1995	911.03	515	169,704	56.2	41.7	320	265	1.243	21.72	21.36	1.602	6.08	9.00	2.92	3.61	-0.69
1996	950.23	520	180,738	55.0	43.7	321	257	1.602	21.87	22.28	1.192	5.85	8.68	2.82	3.61	-0.79
1997	1045.31	531	201,877	55.2	31.2	320	253	1.192	18.87	18.73	1.327	4.57	8.47	3.90	3.61	0.29
1998	1246.38	537	244,465	58.8	43.6	320	269	1.327	27.15	27.67	0.802	7.48	9.22	1.73	3.61	-1.88
1999	1389.43	548	278,104	58.0	34.1	320	271	0.802	19.12	19.17	0.757	5.11	9.22	4.10	3.61	0.49
2000	1466.50	546	292,458	56.2	37.4	321	265	0.757	20.66	20.34	1.076	6.20	8.86	2.66	3.61	-0.95
2001	1379.69	561	282,791	57.8	35.3	320	270	1.076	22.46	21.58	1.952	6.60	9.89	3.29	3.61	-0.32
2002	1509.07	576	317,667	57.9	41.0	320	270	1.952	22.24	23.06	1.131	6.46	10.17	3.71	3.61	0.10

MISSOURI AMERICAN WATER COMPANY (WARRENSBURG RESIDENTIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				56.3	39.3	320	577	3,426	29.64	31.24	1.822	13.60	24.35	10.74	11.04	-0.29
1971				13.1	28.1	320	364	1.822	7.43	4.85	4.405	0.00	11.24	11.24	11.04	0.20
1972				14.3	32.0	321	375	4.405	4.55	6.68	2.273	0.00	11.45	11.45	11.04	0.41
1973				12.7	55.3	320	364	2.273	7.45	6.04	3.679	0.05	11.41	11.37	11.04	0.33
1974				13.3	47.0	320	352	3.679	8.07	7.36	4.390	0.00	10.61	10.61	11.04	-0.42
1975				13.7	38.8	320	365	4.390	10.42	11.09	3.718	0.13	11.47	11.34	11.04	0.31
1976				14.2	27.5	321	363	3.718	5.47	7.49	1.689	0.00	10.56	10.56	11.04	-0.48
1977				14.2	44.4	320	383	1.689	4.75	4.82	1.615	0.00	10.89	10.89	11.04	-0.15
1978				16.4	35.6	320	394	1.615	6.97	5.62	2.969	0.00	10.67	10.67	11.04	-0.36
1979				16.3	35.9	320	391	2.969	8.14	8.10	3.010	0.00	9.99	9.99	11.04	-1.05
1980				15.1	34.5	321	383	3.010	6.73	7.51	2.226	0.00	11.23	11.23	11.04	0.19
1981				13.9	52.2	320	355	2.226	5.39	5.05	2.563	0.00	10.05	10.05	11.04	-0.98
1982				14.9	53.4	320	364	2.563	8.38	6.49	4.448	0.04	9.86	9.82	11.04	-1.22
1983				15.0	46.2	320	378	4.448	5.88	8.55	1.779	0.00	11.33	11.33	11.04	0.29
1984	196.91	3,736	268,699	13.9	45.3	321	351	1.779	5.83	3.51	4.102	0.00	10.67	10.67	11.04	-0.37
1985	182.18	3,760	250,194	15.1	63.1	320	386	4.102	5.64	8.18	1.557	0.00	10.76	10.76	11.04	-0.27
1986	174.88	3,798	242,598	12.4	42.9	320	366	1.557	3.95	2.84	2.661	0.00	11.86	11.86	11.04	0.83
1987	185.48	3,877	262,657	12.0	33.7	320	356	2.661	5.73	4.08	4.315	0.00	12.15	12.15	11.04	1.11
1988	202.79	3,971	294,128	13.7	26.6	321	378	4.315	6.07	6.86	3.526	0.00	11.46	11.46	11.04	0.43
1989	180.86	4,159	274,724	14.6	31.3	320	379	3.526	5.67	7.69	1.500	0.00	10.74	10.74	11.04	-0.29
1990	195.94	4,262	305,032	12.2	39.6	320	354	1.500	6.90	4.66	3.739	0.00	11.44	11.44	11.04	0.41
1991	181.14	4,389	290,387	13.3	31.6	320	365	3.739	7.24	6.23	4.756	0.00	11.26	11.26	11.04	0.22
1992	197.32	4,535	326,819	12.7	40.6	321	327	4.756	4.18	5.15	3.785	0.00	10.24	10.24	11.04	-0.80
1993	172.42	4,647	292,658	15.0	53.8	320	362	3.785	7.45	8.05	3.183	0.00	11.22	11.22	11.04	0.18
1994	191.75	4,839	338,930	13.6	43.1	320	354	3.183	4.25	4.16	3.276	0.00	10.78	10.78	11.04	-0.25
1995	199.83	5,007	365,423	14.0	35.4	320	365	3.276	4.22	5.63	1.872	0.00	11.32	11.32	11.04	0.28
1996	170.18	4,977	309,386	15.3	35.6	321	381	1.872	4.87	4.54	2.204	0.00	11.17	11.17	11.04	0.13
1997	185.23	5,075	343,367	14.2	32.4	320	356	2.204	7.57	5.67	4.109	0.11	10.98	10.88	11.04	-0.16
1998	178.53	5,127	334,346	12.1	49.2	320	362	4.109	3.79	5.03	2.875	0.00	11.92	11.92	11.04	0.89
1999	186.69	5,247	357,796	12.3	35.0	320	347	2.875	4.45	3.74	3.586	0.00	11.20	11.20	11.04	0.16
2000	182.93	5,330	356,108	14.2	32.2	321	382	3.586	2.41	5.13	0.861	0.00	11.48	11.48	11.04	0.44
2001	169.54	5,403	334,601	55.6	46.5	320	551	0.861	32.98	32.65	1.188	16.59	24.09	7.50	11.04	-3.53
2002	181.89	5,496	365,150	54.9	34.3	320	559	1.188	24.98	25.38	0.788	11.56	25.15	13.59	11.04	2.55

MISSOURI AMERICAN WATER COMPANY (WARRENSBURG COMMERCIAL) WR-2003-0500 AND WC-2004-0168
ANNUAL BILLING AND WEATHER INFORMATION

YYYY	GMD	METERS	MGAL	MDT	PRCP	LITE	EVAP	OPEN	GAIN	LOSS	CLOSE	AVAIL	NEEDS	SHORT	NSHORT	DNSH T
1970				56.3	39.3	320	577	3.426	29.64	31.24	1.822	13.60	24.35	10.74	11.04	-0.29
1971				13.1	28.1	320	364	1.822	7.43	4.85	4.405	0.00	11.24	11.24	11.04	0.20
1972				14.3	32.0	321	375	4.405	4.55	6.68	2.273	0.00	11.45	11.45	11.04	0.41
1973				12.7	55.3	320	364	2.273	7.45	6.04	3.679	0.05	11.41	11.37	11.04	0.33
1974				13.3	47.0	320	352	3.679	8.07	7.36	4.390	0.00	10.61	10.61	11.04	-0.42
1975				13.7	38.8	320	365	4.390	10.42	11.09	3.718	0.13	11.47	11.34	11.04	0.31
1976				14.2	27.5	321	363	3.718	5.47	7.49	1.689	0.00	10.56	10.56	11.04	-0.48
1977				14.2	44.4	320	383	1.689	4.75	4.82	1.615	0.00	10.89	10.89	11.04	-0.15
1978				16.4	35.6	320	394	1.615	6.97	5.62	2.969	0.00	10.67	10.67	11.04	-0.36
1979				16.3	35.9	320	391	2.969	8.14	8.10	3.010	0.00	9.99	9.99	11.04	-1.05
1980				15.1	34.5	321	383	3.010	6.73	7.51	2.226	0.00	11.23	11.23	11.04	0.19
1981				13.9	52.2	320	355	2.226	5.39	5.05	2.563	0.00	10.05	10.05	11.04	-0.98
1982				14.9	53.4	320	364	2.563	8.38	6.49	4.448	0.04	9.86	9.82	11.04	-1.22
1983				15.0	46.2	320	378	4.448	5.88	8.55	1.779	0.00	11.33	11.33	11.04	0.29
1984	875.06	436	139,352	13.9	45.3	321	351	1.779	5.83	3.51	4.102	0.00	10.67	10.67	11.04	-0.37
1985	845.77	451	139,321	15.1	63.1	320	386	4.102	5.64	8.18	1.557	0.00	10.76	10.76	11.04	-0.27
1986	797.08	454	132,175	12.4	42.9	320	366	1.557	3.95	2.84	2.661	0.00	11.86	11.86	11.04	0.83
1987	808.24	467	137,863	12.0	33.7	320	356	2.661	5.73	4.08	4.315	0.00	12.15	12.15	11.04	1.11
1988	889.78	473	153,721	13.7	26.6	321	378	4.315	6.07	6.86	3.526	0.00	11.46	11.46	11.04	0.43
1989	891.71	483	157,338	14.6	31.3	320	379	3.526	5.67	7.69	1.500	0.00	10.74	10.74	11.04	-0.29
1990	878.83	490	157,126	12.2	39.6	320	354	1.500	6.90	4.66	3.739	0.00	11.44	11.44	11.04	0.41
1991	871.77	505	160,667	13.3	31.6	320	365	3.739	7.24	6.23	4.756	0.00	11.26	11.26	11.04	0.22
1992	931.60	513	174,642	12.7	40.6	321	327	4.756	4.18	5.15	3.785	0.00	10.24	10.24	11.04	-0.80
1993	944.21	530	182,697	15.0	53.8	320	362	3.785	7.45	8.05	3.183	0.00	11.22	11.22	11.04	0.18
1994	930.81	513	174,408	13.6	43.1	320	354	3.183	4.25	4.16	3.276	0.00	10.78	10.78	11.04	-0.25
1995	1003.78	466	171,003	14.0	35.4	320	365	3.276	4.22	5.63	1.872	0.00	11.32	11.32	11.04	0.28
1996	836.30	574	175,436	15.3	35.6	321	381	1.872	4.87	4.54	2.204	0.00	11.17	11.17	11.04	0.13
1997	856.00	582	181,965	14.2	32.4	320	356	2.204	7.57	5.67	4.109	0.11	10.98	10.88	11.04	-0.16
1998	846.45	585	180,990	12.1	49.2	320	362	4.109	3.79	5.03	2.875	0.00	11.92	11.92	11.04	0.89
1999	856.00	587	183,554	12.3	35.0	320	347	2.875	4.45	3.74	3.586	0.00	11.20	11.20	11.04	0.16
2000	853.26	591	184,160	14.2	32.2	321	382	3.586	2.41	5.13	0.861	0.00	11.48	11.48	11.04	0.44
2001	822.59	592	177,992	55.6	46.5	320	551	0.861	32.98	32.65	1.188	16.59	24.09	7.50	11.04	-3.53
2002	824.36	598	180,131	54.9	34.3	320	559	1.188	24.98	25.38	0.788	11.56	25.15	13.59	11.04	2.55

1990						
LOGN(Ye ar-1990)	Indicator 2001	Indicator 2002	Projected Existing Customers	Est. of Added Cust	Regression Total Customers	Projected Total Customers
1.098612	0	0		0	274195	274,429
1.386294	0	0		0	277212	277,001
1.609438	0	0		0	279552	279,330
1.791759	0	0		0	281464	281,490
1.94591	0	0		0	283081	283,094
2.079442	0	0		0	284481	284,600
2.197225	0	0		0	285716	285,908
2.302585	0	0	286821	0	286821	286,670
2.397895	1	0	287821	2046	289867	289867
2.484907	0	1	288734	21701	310435	310435
2.564949	0	1	289573	21701		311274
2.639057	0	1	290350	21701		312052

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SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.99987564
R Square	0.9997513
Adjusted R Square	0.99962695
Standard Error	192.869771
Observations	10

ANOVA					
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	3	897203082	2.99E+08	8039.725	3.36E-11
Residual	6	223192.492	37198.75		
Total	9	897426274			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	262672.785	323.228573	812.6534	2.34E-16	261881.9	263463.7	261881.9	263463.7
LOGN(Year-1990)	10487.6092	175.392731	59.795	1.47E-09	10058.44	10916.78	10058.44	10916.78
Indicator 2001	2046.02644	229.769085	8.904707	0.000112	1483.801	2608.252	1483.801	2608.2516
Indicator 2002	21701.3185	237.107499	91.52523	1.15E-10	21121.14	22281.5	21121.14	22281.5

Year
1980
1981
1982
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LOGN(Ye
1990)

Schedule 2-24