

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
1971	JANUARY			1.27					
	FEBRUARY			2.03					
	MARCH			3.50					
	APRIL			5.22					
	MAY			6.60					
	JUNE			10.03					
	JULY			10.23					
	AUGUST			8.45					
	SEPTEMBER			6.13					
	OCTOBER			4.21					
	NOVEMBER			2.02					
	DECEMBER			1.28					
1972	JANUARY			0.85					
	FEBRUARY			2.23					
	MARCH			4.89					
	APRIL			6.47					
	MAY			8.71					
	JUNE			9.83					
	JULY			9.51					
	AUGUST			8.22					
	SEPTEMBER			6.29					
	OCTOBER			3.91					
	NOVEMBER			1.62					
	DECEMBER			0.76					
1973	JANUARY			1.58					
	FEBRUARY			2.03					
	MARCH			3.21					
	APRIL			5.83					
	MAY			8.64					
	JUNE			9.35					
	JULY			9.41					
	AUGUST			7.81					
	SEPTEMBER			6.42					
	OCTOBER			4.39					
	NOVEMBER			2.42					
	DECEMBER			1.13					
1974	JANUARY			1.41					
	FEBRUARY			2.32					
	MARCH			3.36					
	APRIL			5.31					
	MAY			8.79					
	JUNE			9.36					
	JULY			8.94					
	AUGUST			7.92					
	SEPTEMBER			6.57					
	OCTOBER			3.95					
	NOVEMBER			1.83					
	DECEMBER			1.23					

Notes:

- (a) Adjusted downward; birds drinking from pan
- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

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1975	JANUARY			1.38					
	FEBRUARY			2.30					
	MARCH			4.57					
	APRIL			5.26					
	MAY			7.72					
	JUNE			9.94					
	JULY			9.69					
	AUGUST			8.87					
	SEPTEMBER			6.42					
	OCTOBER			4.56					
	NOVEMBER			1.52					
	DECEMBER			1.27					
1976	JANUARY			1.54					
	FEBRUARY			2.51					
	MARCH			9.11					
	APRIL			5.69					
	MAY			8.32					
	JUNE			8.82					
	JULY			7.29					
	AUGUST			6.55					
	SEPTEMBER			5.06					
	OCTOBER			3.68					
	NOVEMBER			2.27					
	DECEMBER			2.02					
1977	JANUARY			0.91					
	FEBRUARY			3.00					
	MARCH			5.54					
	APRIL			6.79					
	MAY			6.59					
	JUNE			7.49					
	JULY			8.56					
	AUGUST			8.43					
	SEPTEMBER			6.34					
	OCTOBER			3.99					
	NOVEMBER			2.10					
	DECEMBER			2.77					
1978	JANUARY	1.32	1.09	1.27		1.27		2.26	
	FEBRUARY	1.78	2.08	2.27		2.27		1.99	
	MARCH	4.45	3.34	3.41		3.41		5.95	
	APRIL	5.23	4.67	4.99		4.99		5.48	
	MAY	10.82	10.33	8.35		8.35		9.85	
	JUNE	12.73	11.12	8.29		8.29		10.85	
	JULY	13.15	11.42	9.89		9.89		11.36	
	AUGUST	10.17	10.21	9.05		9.05		9.87	
	SEPTEMBER	7.65	6.14	5.80		5.80		6.57	
	OCTOBER	6.61	5.07	4.39		4.39		6.29	
	NOVEMBER	2.79	2.08	2.09		2.09		2.43	
	DECEMBER	1.33	1.06	1.10		1.10		1.53	

Notes:

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- (d) Discontinued
- (e) Estimated

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HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
1979	JANUARY	1.47	1.30	1.72		1.72		2.37	
	FEBRUARY	1.92	1.68	1.83		1.83		2.03	
	MARCH	3.75	3.11	3.44		3.44		3.67	
	APRIL	6.48	6.17	5.53		5.53		6.72	
	MAY	11.15	10.30	8.67		8.67		9.93	
	JUNE	12.21	11.96	9.88		9.88		11.44	
	JULY	12.39	12.47	9.37		9.37		11.45	
	AUGUST	11.52	9.90	7.80		7.80		9.67	
	SEPTEMBER	9.50	8.04	5.92		5.92		8.23	61.75
	OCTOBER	5.65	4.87	4.62		4.62		4.48	
	NOVEMBER	2.89	2.14	2.22		2.22		2.80	
	DECEMBER	1.84	1.49	1.76		1.76		2.53	
1980	JANUARY	0.89	0.71	0.84				0.89	
	FEBRUARY	2.66	2.48	2.62				2.74	
	MARCH	4.25	4.45	4.22				3.71	
	APRIL	6.65	6.44	5.23				6.41	
	MAY	8.34	8.75	8.19				7.87	
	JUNE	10.72	10.17	8.46				9.85	
	JULY	11.32	11.20	9.15				11.32	
	AUGUST	11.49	10.24	8.52				10.54	
	SEPTEMBER	9.02	6.94	6.22				8.45	8.60
	OCTOBER	7.27	4.85	4.70				6.26	
	NOVEMBER	3.87	2.88	2.34				3.85	
	DECEMBER	1.05	1.08	1.08				1.06	
1981	JANUARY	1.60	1.42	1.54				1.49	
	FEBRUARY	3.35	2.22	1.88				3.23	
	MARCH	3.76	3.71	3.39				3.37	
	APRIL	6.24	6.10	5.29				6.39	
	MAY	10.46	9.77	8.72				9.84	
	JUNE	10.75	11.87	10.18				12.07	
	JULY	11.28	11.84	8.89				11.79	
	AUGUST	10.54	11.00	8.16				10.89	
	SEPTEMBER	9.53	8.62	6.50				8.86	0.00
	OCTOBER	5.55	4.85	4.02				4.52	
	NOVEMBER	2.85	2.40	2.06				2.36	
	DECEMBER	1.66	1.35	1.23				1.63	
1982	JANUARY	1.41	1.28	0.99				1.30	
	FEBRUARY	2.36	2.16	2.01				2.53	
	MARCH	3.08	2.83	2.83				2.46	
	APRIL	6.46	6.65	6.44				6.17	
	MAY	11.72	10.42	9.22				9.58	
	JUNE	9.92	9.81	8.30				8.82	
	JULY	11.33	11.68	8.79				10.90	
	AUGUST	8.58	9.36	7.48				10.45	
	SEPTEMBER	5.83	6.28	4.69				6.05	0.00
	OCTOBER	4.86	5.14	4.10				5.29	
	NOVEMBER	1.56	1.69	1.52				2.00	
	DECEMBER	1.32	1.32	1.16				1.35	

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1983	JANUARY	0.83	1.20	1.19				1.27	
	FEBRUARY	1.81	1.86	2.12				2.18	
	MARCH	3.12	3.57	3.20				3.19	
	APRIL	4.21	6.22	5.49				5.61	
	MAY	9.88	10.12	8.40				9.70	
	JUNE	11.59	11.38	8.72				10.05	
	JULY	10.86	11.32	8.74				10.92	
	AUGUST	8.24	8.96	7.34				8.30	
	SEPTEMBER	7.67	7.34	6.20				8.40	0.00
	OCTOBER	4.60	4.49	3.79				4.63	
	NOVEMBER	1.99	1.84	1.83				2.02	
	DECEMBER	1.35	1.24	1.31				1.52	
1984	JANUARY	1.20	1.24	1.28				1.25	
	FEBRUARY	2.74	2.95	2.54				3.55	
	MARCH	5.34	5.68	5.11				5.83	
	APRIL	7.34	7.42	6.40				7.00	
	MAY	11.42	12.48	10.11				10.40	
	JUNE	11.24	11.64	9.11				11.12	
	JULY	11.18	12.42	8.73				11.13	
	AUGUST	10.11	11.49	8.32				11.55	
	SEPTEMBER	8.30	8.49	6.58				8.32	0.00
	OCTOBER	5.07	5.08	4.14				4.90	
	NOVEMBER	2.23	2.59	2.51				2.46	
	DECEMBER	0.97	1.35	1.53				2.39	
1985	JANUARY	1.27	0.66	0.86		0.86		1.43	
	FEBRUARY	2.61	2.92	2.73		2.73		2.25	
	MARCH	3.90	4.46	3.79		3.79		3.85	
	APRIL	7.77	8.71	6.84		6.84		7.48	
	MAY	9.81	10.66	9.12		9.12		8.85	
	JUNE	11.06	12.02	9.12		9.12		11.19	
	JULY	11.85	11.14	8.95		8.95		11.45	
	AUGUST	11.39	9.94	8.09		8.09		10.03	
	SEPTEMBER	7.53	6.47	6.04		6.04		6.13	55.54
	OCTOBER	5.94	4.54	4.18		4.18		5.20	
	NOVEMBER	2.44	2.04	2.11		2.11		1.73	
	DECEMBER	0.59	0.62	0.69		0.69		0.73	
1986	JANUARY	0.94	1.43	1.78		1.78		1.42	
	FEBRUARY	2.19	2.35	2.32		2.32		2.92	
	MARCH	3.72	3.85	4.07		4.07		3.44	
	APRIL	6.42	6.40	5.47		5.47		5.47	
	MAY	9.21	10.03	8.44		8.44		8.49	
	JUNE	9.96	11.34	9.54		9.54		10.02	
	JULY	11.12	12.00	9.66		9.66		10.33	
	AUGUST	13.24	9.11	8.48		8.48		11.34	
	SEPTEMBER	6.17	7.47	6.56		6.56		5.76	63.29
	OCTOBER	5.89	5.42	4.89		4.89		5.44	
	NOVEMBER	3.35	2.85	2.70		2.70		3.11	
	DECEMBER	1.54	1.03	1.17		1.17		1.85	

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1987	JANUARY	0.90	1.31	1.18		1.18		1.35	
	FEBRUARY	2.25	2.60	2.52		2.52		1.94	
	MARCH	5.30	4.07	3.90		3.90		5.32	
	APRIL	6.57	7.84	6.63		6.63		6.13	
	MAY	10.06	9.94	8.17		8.17		10.33	
	JUNE	8.91	10.35	8.41		8.41		9.29	
	JULY	10.28	10.65	8.63		8.63		10.06	
	AUGUST	12.20	10.47	8.30		8.30		10.14	
	SEPTEMBER	9.65	8.12	5.91		5.91		8.27	62.40
	OCTOBER	7.19	5.40	4.27		4.27		7.06	
	NOVEMBER	2.00	1.92	1.97		1.97		1.94	
	DECEMBER	1.67	1.76	1.64		1.64		2.20	
1988	JANUARY	1.31	1.15	1.10		1.10		2.04	
	FEBRUARY	2.72	2.75	2.70		2.70		3.39	
	MARCH	7.22	6.21	5.16		5.16		6.52	
	APRIL	6.10	6.53	5.74		5.74		5.15	
	MAY	11.48	9.55	8.40		8.40		10.33	
	JUNE	10.32	10.28	7.79		7.79		9.73	
	JULY	15.00	13.70	10.30		10.30		13.30	
	AUGUST	11.79	11.42	7.35		7.35		11.43	
	SEPTEMBER	9.80	8.80	6.19		6.19		8.93	62.61
	OCTOBER	7.39	5.60	4.53		4.53		6.32	
	NOVEMBER	4.30	2.19	2.36		2.36		4.13	
	DECEMBER	1.87	1.33	1.08		1.08		1.59	
1989	JANUARY	1.62	1.32	1.23		1.23		1.29	
	FEBRUARY	1.98	2.48	2.63		2.63		2.11	
	MARCH	5.41	4.87	4.62		4.62		4.13	
	APRIL	9.04	8.50	7.32		7.32		8.23	
	MAY	9.43	9.93	8.58		8.58		9.67	
	JUNE	10.26	10.93	9.15		9.15		11.17	
	JULY	14.12	13.23	10.28		10.28		13.73	
	AUGUST	13.43	10.75	7.48		7.48		11.96	
	SEPTEMBER	8.11	7.37	5.83		5.83		8.12	65.09
	OCTOBER	6.90	6.31	5.05		5.05		6.77	
	NOVEMBER	3.38	2.72	2.08		2.08		4.55	
	DECEMBER	1.05	1.20	1.05		1.05		1.45	
1990	JANUARY	1.51	1.35	1.26		1.26		1.92	
	FEBRUARY	2.38	2.03	2.55		2.55		2.14	
	MARCH	5.45	5.32	4.61		4.61		5.13	
	APRIL	7.75	7.39	6.61		6.61		7.33	
	MAY	11.34	9.57	8.89		8.89		11.48	
	JUNE	9.99	10.23	8.12		8.12		11.63	
	JULY	12.10	13.70	9.88		9.88		14.30	
	AUGUST	10.60	11.24	7.91		7.91		10.95	
	SEPTEMBER	8.97	9.09	6.94		6.94		9.47	64.95
	OCTOBER	8.26	6.36	5.14		5.14		8.56	
	NOVEMBER	3.42	2.99	2.50		2.50		4.43	
	DECEMBER	0.99	1.42	0.78		0.78		1.23	

Notes:

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- (e) Estimated

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1991	JANUARY	2.29	1.57	1.81		1.81		3.75	
	FEBRUARY	3.65	3.05	2.91		2.91		4.37	
	MARCH	3.46	3.21	3.06		3.06		3.62	
	APRIL	7.17	7.50	6.59		6.59		7.08	
	MAY	9.84	10.32	8.56		8.56		9.72	
	JUNE	11.86	12.37	9.99		9.99		13.35	
	JULY	14.71	13.16	10.15		10.15		13.57	
	AUGUST	10.53	9.77	7.41		7.41		10.66	
	SEPTEMBER	10.87	9.74	7.61		7.61		11.53	66.49
	OCTOBER	8.81	6.52	4.63		4.63		7.63	
	NOVEMBER	3.05	2.76	1.85		1.85		3.44	
	DECEMBER	2.05	1.42	1.81		1.81		2.38	
1992	JANUARY	0.69	0.74	0.83		0.83		1.08	
	FEBRUARY	2.24	2.40	2.06		2.06		3.29	
	MARCH	4.05	4.00	3.43		3.43		4.85	
	APRIL	6.70	7.88	6.23		6.23		7.89	
	MAY	11.20	10.27	9.24		9.24		11.69	
	JUNE	11.62	10.96	9.04		9.04		12.37	
	JULY	10.18	11.29	8.80		8.80		11.79	
	AUGUST	11.77	13.20	10.22		10.22		15.14	
	SEPTEMBER	9.10	8.85	7.20		7.20		10.30	65.33
	OCTOBER	5.80	5.41	4.02		4.02		6.40	
	NOVEMBER	3.07	3.03	2.66		2.66		4.86	
	DECEMBER	1.38	1.18	1.36		1.36		1.75	
1993	JANUARY	0.71	1.13	1.11		1.11		1.63	
	FEBRUARY	1.92	2.23	2.20		2.20		2.88	
	MARCH	4.27	3.77	3.34		3.34		3.21	
	APRIL	6.85	6.51	5.88		5.88		6.64	
	MAY	11.60	10.76	8.87		8.87		12.37	
	JUNE	11.05	10.92	8.57		8.57		12.85	
	JULY	13.37	11.81	8.41		8.41		13.03	
	AUGUST	13.81	11.66	8.94		8.94		13.78	
	SEPTEMBER	10.62	8.36	6.34		6.34		10.67	61.70
	OCTOBER	6.38	5.42	4.13		4.13		7.01	
	NOVEMBER	3.55	2.76	2.44		2.44		3.96	
	DECEMBER	1.39	1.14	1.11		1.11		1.37	
1994	JANUARY	1.58	1.35	1.42		1.42		1.96	
	FEBRUARY	3.02	2.33	2.45		2.45		3.14	
	MARCH	5.06	4.80	3.88		3.88		4.52	
	APRIL	7.43	6.88	6.98		6.98		7.24	
	MAY	9.15	9.24	8.21		8.21		9.97	
	JUNE	12.59	11.89	9.98		9.98		14.02	
	JULY	13.78	12.96	9.17		9.17		15.99	
	AUGUST	12.14	12.17	8.75		8.75		14.38	
	SEPTEMBER	9.59	8.20	6.54		6.54		10.88	65.07
	OCTOBER	7.52	5.88	5.22		5.22		6.03	
	NOVEMBER	1.93	2.23	2.40		2.40		2.04	
	DECEMBER	1.21	0.95	0.87		0.87		1.37	

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1995	JANUARY	1.19	1.35	1.05		1.05		2.39	
	FEBRUARY	2.16	1.39	1.51		1.51		1.46	
	MARCH	3.91	3.21	3.32		3.32		3.97	
	APRIL	6.55	6.40	5.91		5.91		6.19	
	MAY	8.64	8.17	7.95		7.95		7.11	
	JUNE	11.21	10.28	8.28		8.28		10.46	
	JULY	12.49	12.29	9.12		9.12		13.14	
	AUGUST	11.52	11.23	9.21		9.21		14.08	
	SEPTEMBER	8.57	8.23	6.32		6.32		9.98	61.15
	OCTOBER	7.95	6.69	6.62		6.62		8.03	
	NOVEMBER	3.74	3.02	2.88		2.88		3.81	
	DECEMBER	1.54	1.79	2.39		2.39		2.97	
1996	JANUARY	1.52	1.29	1.42		1.42		1.09	
	FEBRUARY	1.74	2.25	1.61		1.61		2.05	
	MARCH	4.52	5.24	5.74		5.74		4.76	
	APRIL	8.07	8.57			8.00	e	9.04	
	MAY	11.15	10.41			9.00	e	12.14	
	JUNE	12.54	12.67	11.31		11.31		14.39	
	JULY	14.19	12.63	9.64		9.64		15.85	
	AUGUST	13.51	12.17	8.38		8.38		13.77	
	SEPTEMBER	11.86	9.08	8.10		8.10		11.71	75.08
	OCTOBER	6.61	6.15	4.70		4.70		5.99	
	NOVEMBER	2.91	2.29	1.71		1.71		2.42	
	DECEMBER	0.82	1.19	0.98		0.98		1.68	
1997	JANUARY	-0.08	1.21	1.07		1.07		2.43	
	FEBRUARY	2.22	2.27	2.41		2.41		2.74	
	MARCH	6.87	6.20	5.61		5.61		6.56	
	APRIL	8.95	8.51	7.14		7.14		8.46	
	MAY	12.59	11.12	9.61		9.61		10.19	
	JUNE	12.98	12.28	9.78		9.78		12.63	
	JULY	10.37	12.84	10.34		10.34		14.10	
	AUGUST	11.51	11.48	9.20		9.20		11.99	
	SEPTEMBER	7.84	8.21	7.32		7.32		8.32	69.85
	OCTOBER	5.36	5.40	5.07		5.07		6.05	
	NOVEMBER	2.32	2.34	2.17		2.17		2.75	
	DECEMBER	2.39	1.29	1.34		1.34		3.14	
1998	JANUARY	1.53	1.30	1.22		1.22		1.34	
	FEBRUARY	1.97	2.26	1.67		1.67		1.76	
	MARCH	4.15	3.89	3.93		3.93		4.22	
	APRIL	6.15	5.31	5.41		5.41		5.20	
	MAY	8.03	6.77	6.38		6.38		6.46	
	JUNE	9.96	9.74	8.64		8.64		9.58	
	JULY	13.08	12.16	9.42		9.42		12.17	
	AUGUST	14.39	12.43	9.89		9.89		11.95	
	SEPTEMBER	9.42	8.39	6.77		6.77		8.20	61.89
	OCTOBER	6.64	5.19	4.62		4.62		5.72	
	NOVEMBER	2.69	2.08	3.03		3.03		2.34	
	DECEMBER	1.57	1.58	1.33		1.33		1.79	

Notes:

- (a) Adjusted downward; birds drinking from pan
- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
1999	JANUARY	1.58	1.30	1.34	0.85	1.14	a	1.94	
	FEBRUARY	2.70	2.49	3.50	0.85	2.97	a	3.22	
	MARCH	4.67	4.53	4.12	0.85	3.50	a	4.09	
	APRIL	9.21	7.43	6.52	0.85	5.54	a	7.06	
	MAY	10.91	10.08	9.51	0.85	8.09	a	10.67	
	JUNE	12.63	11.73	9.29	0.85	7.90	a	12.88	
	JULY	14.01	12.20	10.12	0.85	8.60	a	13.40	
	AUGUST	12.70	11.15	9.62	0.85	8.18	a	10.97	
	SEPTEMBER	10.22	9.27	7.76	0.85	6.60	a	8.95	61.50
	OCTOBER	8.01	6.85	5.54	0.85	4.71	a	7.45	
	NOVEMBER	3.60	3.31	2.45	0.85	2.08	a	3.88	
	DECEMBER	2.76	2.24	1.77	0.85	1.51	a	2.88	
2000	JANUARY	1.77	1.88	1.67	0.85	1.42	a	2.20	
	FEBRUARY	3.50	3.09	2.92	0.85	2.48	a	3.43	
	MARCH	6.02	4.88	3.89	0.85	3.31	a	4.96	
	APRIL	9.23	7.95	6.62	0.85	5.63	a	8.39	
	MAY	11.21	11.16	9.00	0.85	7.65	a	10.42	
	JUNE	11.96	12.33	9.53	0.85	8.10	a	12.22	
	JULY	14.30	12.93	10.04	0.85	8.53	a	13.26	
	AUGUST	14.64	12.69	9.73	0.85	8.27	a	12.06	
	SEPTEMBER	10.32	9.21	7.14	0.85	6.07	a	8.57	59.76
	OCTOBER	7.24	5.35	4.78	0.85	4.06	a	5.60	
	NOVEMBER	2.85	2.33	2.00	0.85	1.70	a	2.69	
	DECEMBER	1.92	1.63	1.25	0.85	1.06	a	2.05	
2001	JANUARY	2.56	1.90	1.61	0.85	1.37	a	3.22	
	FEBRUARY	3.86	2.44	2.34	0.85	1.99	a	5.06	
	MARCH	5.09	5.68	5.07	0.85	4.31	a	5.06	
	APRIL	7.83	6.80	5.79	0.85	4.92	a	6.94	
	MAY	13.95	11.87	9.82	0.85	8.35	a	13.22	
	JUNE	15.69	13.17	9.87	0.85	8.39	a	11.35	
	JULY	14.66	13.09	10.28	0.85	8.74	a	13.33	
	AUGUST	14.30	12.22	9.03	0.85	7.68	a	12.88	
	SEPTEMBER	11.42	10.24	8.65	0.85	7.35	a	10.06	59.91
	OCTOBER	7.19	6.21	4.72	0.85	4.01	a	6.92	
	NOVEMBER	2.46	2.36	1.95	0.85	1.66	a	1.99	
	DECEMBER	2.10	1.57	1.14	0.85	0.97	a	2.37	
2002	JANUARY	1.62	1.60	1.25	0.85	1.06	a	1.54	
	FEBRUARY	3.48	3.16	3.10	0.85	2.63	a	4.06	
	MARCH	6.75	5.61	4.77	0.85	4.05	a	5.48	
	APRIL	9.03	7.48	6.05	0.85	5.14	a	7.64	
	MAY	11.18	11.21	9.04	0.85	7.68	a	10.67	
	JUNE	11.57	13.30	10.56	0.85	8.98	a	11.67	
	JULY	15.19	13.89	9.92	0.85	8.43	a	14.45	
	AUGUST	14.58	12.46	10.24	0.85	8.70	a	13.93	
	SEPTEMBER	10.79	9.86	8.35	0.85	7.10	a	9.85	60.43
	OCTOBER	7.72	5.76	4.94	0.85	4.20	a	6.30	
	NOVEMBER	2.60	1.93	2.32	0.85	1.97	a	2.70	
	DECEMBER	2.27	2.22	1.52	0.85	1.29	a	2.71	

Notes:

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- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
2003	JANUARY	1.79	1.10	1.14	0.85	0.97	a	2.20	
	FEBRUARY	2.15	3.34	2.54	0.85	2.16	a	2.72	
	MARCH	5.21	5.21	5.07	0.85	4.31	a	5.48	
	APRIL	6.27	6.04	6.38	0.85	5.42	a	5.76	
	MAY	8.06	9.71	8.07	0.85	6.86	a	8.93	
	JUNE	13.21	13.00	11.53	0.85	9.80	a	12.86	
	JULY	14.04	13.88	11.09	0.85	9.42	a	12.26	
	AUGUST	13.80	11.97	9.52	0.85	8.10	a	12.12	
	SEPTEMBER	11.47	10.02	7.86	0.85	6.68	a	10.24	61.18
	OCTOBER	8.45	7.06	5.71	0.85	4.85	a	7.28	
	NOVEMBER	3.04	2.38	2.73	0.85	2.32	a	2.91	
	DECEMBER	1.88	2.05	2.01	0.85	1.71	a	2.50	
2004	JANUARY	0.95	1.34	1.15	0.85	0.98	a	2.40	
	FEBRUARY	2.76	2.61	2.71	0.85	2.30	a	3.95	
	MARCH	6.65	6.36	5.92	0.85	5.03	a	6.03	
	APRIL	8.02	8.77	7.48	0.85	6.36	a	8.68	
	MAY	13.13	12.12	10.17	0.85	8.64	a	11.32	
	JUNE	14.93	12.83	10.11	0.85	8.59	a	12.79	
	JULY	15.29	13.62	9.49	0.85	8.07	a	12.78	
	AUGUST	15.55	13.00	9.96	0.85	8.47	a	13.43	
	SEPTEMBER	12.08	10.01	7.41	0.85	6.30	a	10.27	63.62
	OCTOBER	5.88	5.19	5.80	0.85	4.93	a	5.71	
	NOVEMBER	2.93	2.27	2.14	0.85	1.82	a	2.97	
	DECEMBER	1.11	1.68	1.26	0.85	1.07	a	1.91	
2005	JANUARY	1.51	1.60	1.60	0.70	1.12	a	2.28	
	FEBRUARY	1.65	1.94	1.84	0.70	1.29	a	1.50	
	MARCH	4.62	4.59	5.51	0.70	3.86	a	4.74	
	APRIL	6.31	7.12	8.09	0.70	5.66	a	5.54	
	MAY	8.84	9.52	10.77	0.70	7.54	a	9.44	
	JUNE	10.05	11.35	12.59	0.70	8.81	a	10.86	
	JULY	11.14	15.14	17.07	0.70	11.95	a	14.21	
	AUGUST	10.79	13.75	15.25	0.70	10.68	a	12.65	
	SEPTEMBER	6.89	8.82	10.01	0.70	7.01	a	7.75	65.73
	OCTOBER	5.49	6.41	5.65	0.70	3.95	a	4.25	
	NOVEMBER	2.28	3.31	4.09	0.70	2.86	a	3.30	
	DECEMBER	1.40	1.46	1.87	0.70	1.31	a	1.26	
2006	JANUARY	1.91	1.73	2.14	0.70	1.50	a	2.26	
	FEBRUARY	2.97	3.00	3.58	0.70	2.50	a	4.07	
	MARCH	4.07	3.65	4.10	0.70	2.87	a	3.56	
	APRIL	4.60	5.64	5.72	0.70	4.01	a	4.76	
	MAY	10.30	11.47	13.02	0.70	9.11	a	11.46	
	JUNE	10.15	12.82	12.78	0.70	8.95	a	10.95	
	JULY	12.64	14.83	14.92	0.70	10.45	a	13.94	
	AUGUST	9.95	12.63	13.17	0.70	9.22	a	11.84	
	SEPTEMBER	7.95	9.59	10.42	0.70	7.30	a	9.17	64.02
	OCTOBER	5.29	5.00	6.21	0.70	4.35	a	6.11	
	NOVEMBER	3.34	2.76	3.18	0.70	2.23	a	2.42	
	DECEMBER	1.88	2.16	2.53	0.70	1.77	a	3.22	

Notes:

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- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
2007	JANUARY	2.12	2.25	1.96	0.90	1.76	a	2.86	
	FEBRUARY	2.97	2.73	2.75	0.90	2.47	a	2.46	
	MARCH	7.35	6.00	5.50	0.90	4.95	a	8.17	
	APRIL	7.74	7.56	7.57	0.90	6.81	a	8.23	
	MAY	11.93	11.66	9.89	0.90	8.90	a	11.38	
	JUNE	15.62	13.11	10.09	0.90	9.08	a	12.68	
	JULY	12.12	12.64	10.73	0.90	9.66	a	10.08	
	AUGUST	14.25	11.31	9.07	0.90	8.16	a	12.59	
	SEPTEMBER	9.52	8.13	5.15	0.90	4.63	a	7.73	64.76
	OCTOBER	6.12	5.99	3.26	0.90	2.93	a	5.76	
	NOVEMBER	3.31	2.71	1.52	0.90	1.37	a	2.62	
	DECEMBER	2.14	1.46	1.49	0.90	1.34	a	1.76	
2008	JANUARY	1.77	2.22	2.56	1.10	2.82	b	3.57	
	FEBRUARY	2.66	2.47	2.59	1.10	2.85	b	2.44	
	MARCH	6.58	6.23	4.77	1.10	5.25	b	5.74	
	APRIL	9.33	8.53	5.43	1.10	5.97	b	7.72	
	MAY	10.93	10.41	6.27	1.10	6.90	b	9.32	
	JUNE	14.82	12.89	8.48	1.10	9.33	b	12.45	
	JULY	13.50	12.77	7.83	1.10	8.61	b	12.20	
	AUGUST	13.68	11.95	7.82	1.10	8.60	b	12.28	
	SEPTEMBER	11.22	8.85	6.50	1.10	7.15	b	10.70	63.11
	OCTOBER	6.48	6.17	4.14	1.10	4.55	b	6.65	
	NOVEMBER	2.74	2.46	1.75	1.10	1.93	b	2.86	
	DECEMBER	1.01	1.18	0.86	1.10	0.95	b	0.71	
2009	JANUARY	2.36	1.88	1.18	1.00	1.18		2.19	
	FEBRUARY	3.10	3.02	3.45	1.00	3.45		4.16	
	MARCH	4.53	5.53	4.18	1.00	4.18		4.41	
	APRIL	9.07	8.61	6.24	1.00	6.24		7.88	
	MAY	11.62	10.98	7.67	1.00	7.67		10.94	
	JUNE	11.98	10.96	7.51	1.00	7.51		10.46	
	JULY	12.63	13.24	8.33	1.00	8.33		12.62	
	AUGUST	9.76	10.89	7.76	1.00	7.76		9.51	
	SEPTEMBER	5.26	9.22	6.22	1.00	6.22		6.11	59.97
	OCTOBER	4.15	4.94	4.29	1.00	4.29		5.31	
	NOVEMBER	3.79	2.56	2.11	1.00	2.11		3.79	
	DECEMBER	1.29	1.40	1.56	1.00	1.56		1.35	
2010	JANUARY	0.76	1.42	1.17	1.00	1.17		1.20	
	FEBRUARY	2.09	1.94	2.08	1.00	2.08		2.27	
	MARCH	4.32	5.82	4.24	1.00	4.24		4.59	
	APRIL	5.24	6.29	4.74	1.00	4.74		5.11	
	MAY	8.36	9.46	7.04	1.00	7.04		8.75	
	JUNE	10.50	12.07	8.15	1.00	8.15		11.67	
	JULY	10.50	12.58	7.78	1.00	7.78		10.66	
	AUGUST	11.27	11.53	8.47	1.00	8.47		11.70	
	SEPTEMBER	8.12	8.26	6.08	1.00	6.08		8.40	57.71
	OCTOBER	4.30	4.68	3.47	1.00	3.47		5.27	
	NOVEMBER	2.68	2.74	2.33	1.00	2.33		3.14	
	DECEMBER	2.71	1.42	1.42	1.00	1.42		2.40	

Notes:

- (a) Adjusted downward; birds drinking from pan
- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
2011	JANUARY	0.98	1.01	1.28	1.00	1.28		1.28	
	FEBRUARY	2.03	2.68	2.27	1.00	2.27		2.28	
	MARCH	2.91	4.29	3.22	1.00	3.22		3.90	
	APRIL	6.52	7.22	6.49	1.00	6.49		7.25	
	MAY	7.56	8.50	6.71	1.00	6.71		8.11	
	JUNE	9.57	10.24	8.31	1.00	8.31		9.89	
	JULY	11.54	12.97	9.28	1.00	9.28		12.45	
	AUGUST	9.94	11.08	8.18	1.00	8.18		9.90	
	SEPTEMBER	8.08	8.76	6.89	1.00	6.89		9.33	59.84
	OCTOBER	5.42	5.17	4.09	1.00	4.09		5.49	
	NOVEMBER	1.84	2.73	2.01	1.00	2.01		2.70	
	DECEMBER	1.68	2.00	1.66	1.00	1.66		2.58	
2012	JANUARY	2.36	2.21	1.73	1.00	1.73		3.49	
	FEBRUARY	2.92	3.47	3.00	1.00	3.00		2.88	
	MARCH	4.85	5.44	4.64	1.00	4.64		4.58	
	APRIL	6.74	6.81	5.52	1.00	5.52		7.13	
	MAY	10.37	10.82	8.37	1.00	8.37		10.98	
	JUNE	10.01	12.34	8.93	1.00	8.93		11.66	
	JULY	11.40	13.32	9.34	1.00	9.34		13.48	
	AUGUST	8.76	11.89	8.38	1.00	8.38		11.73	
	SEPTEMBER	7.82	9.47	6.93	1.00	6.93		9.83	64.60
	OCTOBER	4.74	5.48	3.79	1.00	3.79		6.68	
	NOVEMBER	2.58	2.88	2.20	1.00	2.20		3.28	
	DECEMBER	1.61	1.35	1.09	1.00	1.09		1.65	
2013	JANUARY	1.48	1.81	1.62	1.00	1.62		2.06	
	FEBRUARY	2.58	2.48	2.34	1.00	2.34		2.90	
	MARCH	4.42	5.05	4.50	1.00	4.50		5.38	
	APRIL	6.42	8.42	7.02	1.00	7.02		7.59	
	MAY	10.58	10.39	7.83	1.00	7.83		12.05	
	JUNE	11.80	13.32	9.87	1.00	9.87		8.25	
	JULY	10.54	15.46	9.38	1.00	9.38		12.75	
	AUGUST	10.28	11.48	11.14	1.00	11.14		13.09	
	SEPTEMBER	7.51	8.99	7.68	1.00	7.68		7.81	68.46
	OCTOBER	5.52	6.29	5.34	1.00	5.34		7.83	
	NOVEMBER	3.87	3.43	3.23	1.00	3.23		5.45	
	DECEMBER	1.36	1.56	1.46	1.00	1.46		1.97	
2014	JANUARY	2.75	3.18	2.75	0.80	2.20	c	4.24	
	FEBRUARY	3.31	3.50	2.70	0.80	2.16	c	4.88	
	MARCH	5.33	6.07	4.89	0.80	3.91	c	6.18	
	APRIL	6.45	7.74	6.47	0.80	5.18	c	7.68	
	MAY	9.04	10.97	10.27	0.80	8.22	c	11.92	
	JUNE	11.39	12.77	10.52	0.80	8.42	c	12.75	
	JULY	10.59	13.38	12.26	0.80	9.81	c	14.38	
	AUGUST	9.53	12.04	9.10	0.80	7.28	c	11.06	
	SEPTEMBER	8.59	9.19	8.34	0.80	6.67	c	10.43	63.87
	OCTOBER	6.44	6.79	5.51	0.80	4.40	c	8.31	
	NOVEMBER	2.40	3.07	2.73	0.80	2.19	c	3.29	
	DECEMBER	1.37	1.43	1.65	0.80	1.32	c	2.46	

Notes:

- (a) Adjusted downward; birds drinking from pan
- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
2015	JANUARY	0.68	0.84	0.19	0.90	0.17	c	0.89	
	FEBRUARY	2.39	3.07	2.59	0.90	2.33	c	3.27	
	MARCH	4.45	6.17	5.53	0.90	4.97	c	4.31	
	APRIL	7.70	7.60	6.54	0.90	5.89	c	8.89	
	MAY	7.16	7.40	7.34	0.90	6.61	c	6.68	
	JUNE	7.47	12.21	11.58	0.90	10.42	c	10.12	
	JULY	10.86	11.68	9.61	0.90	8.64	c	14.03	
	AUGUST	9.10	11.38	9.05	0.90	8.14	c	13.37	
	SEPTEMBER	7.88	9.04	6.67	0.90	6.00	c	9.30	61.09
	OCTOBER	6.22	6.06	4.73	0.90	4.25	c	7.77	
	NOVEMBER	2.35	2.02	1.87	0.90	1.69	c	2.90	
	DECEMBER	1.61	1.42	1.23	0.90	1.10	c	2.21	
2016	JANUARY	1.31	1.54	1.32	0.90	1.19	c	0.94	
	FEBRUARY	2.48	2.92	2.66	0.90	2.39	c	3.76	
	MARCH	4.31	4.86	4.07	0.90	3.66	c	5.79	
	APRIL	6.56	7.70	5.39	0.90	4.85	c	6.47	
	MAY	7.19	10.18	5.48	0.90	4.93	c	7.13	
	JUNE	11.56	12.66	9.31	0.90	8.38	c	15.94	
	JULY	10.45	14.06	10.32	0.90	9.29	c	13.53	
	AUGUST	10.95	10.81	9.11	0.90	8.20	c	14.96	
	SEPTEMBER	8.69	9.30	7.29	0.90	6.56	c	10.42	56.49
	OCTOBER	4.47	5.30	5.58	0.90	5.02	c	5.07	
	NOVEMBER	2.69	2.38	1.96	0.90	1.76	c	4.20	
	DECEMBER	1.38	1.03	1.02	0.90	0.92	c	2.21	
2017	JANUARY	1.63	1.45	1.87	0.90	1.68	c	2.37	
	FEBRUARY	1.74	1.33	2.07	0.90	1.87	c	1.48	
	MARCH	4.13	4.61	3.95	0.90	3.56	c	4.52	
	APRIL	5.19	5.80	7.05	0.90	6.35	c	6.51	
	MAY	9.46	9.62	9.08	0.90	8.17	c	10.13	
	JUNE	10.34	10.40	8.52	0.90	7.67	c	10.34	
	JULY	10.86	14.68	9.69	0.90	8.72	c	12.94	
	AUGUST	11.21	11.13	9.53	0.90	8.58	c	14.65	
	SEPTEMBER	6.93	8.61	5.21	0.90	4.69	c	9.48	58.98
	OCTOBER	5.67	5.83	5.31	0.90	4.78	c	7.18	
	NOVEMBER	3.06	2.37	2.17	0.90	1.95	c	3.64	
	DECEMBER	1.68	1.44	1.37	0.90	1.23	c	2.20	
2018	JANUARY	1.28	1.61	1.33	0.90	1.19	f	2.11	
	FEBRUARY	2.73	2.69	2.99	0.90	2.69	c	3.76	
	MARCH	3.46	3.64	3.72	0.90	3.35	c	4.73	
	APRIL	5.99	7.26	6.63	0.90	5.97	c	6.99	
	MAY	8.88	9.59	7.72	0.90	6.95	c	10.85	
	JUNE	10.06	10.74	8.61	0.90	7.74	c	12.10	
	JULY	13.05	13.03	9.82	0.90	8.83	c	14.42	
	AUGUST	9.91	12.35	8.71	0.90	7.84	c	12.58	
	SEPTEMBER	10.80	9.67	7.50	0.90	6.75	c	8.52	59.28
	OCTOBER	4.69	5.46	4.93	0.90	4.44	c	6.72	
	NOVEMBER	2.48	2.52	2.71	0.90	2.44	c	3.88	
	DECEMBER	1.19	1.44	1.79	0.90	1.61	c	2.29	

Notes:

- (a) Adjusted downward; birds drinking from pan
- (b) Adjusted upward; sprinklers spraying in pan
- (c) Adjusted downward; pasture was dry
- (d) Discontinued
- (e) Estimated

**WHEELER RIDGE - MARICOPA WATER STORAGE DISTRICT
HISTORICAL EVAPORATION**

DATE / LOCATION		5P-P2 PUMPING PLANT (inches)	DISTRICT HQ (inches)	GREENLEE'S PASTURE (inches)	ADJUST. FACTOR	GREENLEE'S PASTURE (ADJUSTED) (inches)	NOTES	PA-2 PUMPING PLANT (inches)	WATER YEAR TOTAL 10/1-9/30 (inches)
2019	JANUARY	1.54	1.89	2.19	0.90	1.97	c	2.50	
	FEBRUARY	1.66	2.76	2.01	0.90	1.81	c	1.77	
	MARCH	3.28	0.20	3.61	0.90	3.25	c	5.62	
	APRIL	4.83	8.37	6.38	0.90	5.74	c	6.87	
	MAY	d	7.03	7.03	0.90	6.33	c	d	
	JUNE	d	d	8.71	0.90	7.84	c	d	
	JULY	d	d	9.98	0.90	8.98	c	d	
	AUGUST	d	d	5.58	0.90	5.02	c	d	
	SEPTEMBER	d	d	7.26	0.90	6.53	c	d	55.96
	OCTOBER	d	d	5.08	0.90	4.57	c	d	
	NOVEMBER	d	d	3.78	0.90	3.40	c	d	
	DECEMBER	d	d	3.29	0.90	2.96	c	d	
2020	JANUARY	d	d	1.03	0.90	0.93	c	d	
	FEBRUARY	d	d	0.77	0.90	0.69	c	d	
	MARCH	d	d	2.63	0.90	2.37	c	d	
	APRIL	d	d	2.55	0.90	2.29	c	d	
	MAY	d	d	2.38	0.90	2.14	c	d	
	JUNE	d	d	6.45	0.90	5.81	c	d	
	JULY	d	d	5.42	0.90	4.88	c	d	
	AUGUST	d	d	5.66	0.90	5.09	c	d	
	SEPTEMBER	d	d	5.41	0.90	4.87	c	d	40.00
	OCTOBER	d	d	2.58	0.90	2.32	c	d	
	NOVEMBER	d	d	2.80	0.90	2.52	c	d	
	DECEMBER	d	d	0.00	0.90	0.00	c	d	

Notes:

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