

North Davis Meadows Water Usage Data & City Rates

City Water Costs Then & Now: When the Water Consolidation Project was originally considered, estimated Davis water rates for 2018 were: Fixed = \$49; Tier 2 = \$3.30/ CCF (hundred cubic feet) and Tier 3 = \$5.56/CCF. Most of NDM water usage would have fallen in Tier 3 had these rates been adopted. The adopted City rate for 2018 is: Fixed = \$18.53; Usage = \$4.61/CCF.

City Water Rates in the Future: The City of Davis is currently conducting the [2014 Water Cost of Service Update](#). The 2014 Cost of Service and Prop. 218 approval provide for up to a 14% increase effective January 1, 2018 and a 9% increase effective January 1, 2019. Any water rate adjustments made after January 1, 2019 will be subject to new Prop 218 proceedings, which will include North Davis Meadows if it becomes part of the City's water service area. The update currently under way will indicate potential future year increases, but will not provide certainty of necessary increases. A full Cost of Service Study will be completed in 2019.

NDM Water Usage: NDM water use data that was shared during the 9/13/17 Community Meeting shows exceptionally high use and includes such factors as common use areas, irrigation leaks and suspected metering inaccuracies (see page 2 for data considered). In reality, NDM water usage per homeowner is estimated to be much closer to that of the average El Macero homeowner for indoor use (est. cost \$850/year). Based on an average lot size in NDM being about 2.25 times the average lot size in El Macero, the anticipated outdoor water use for NDM can also be estimated. The table below reflects this estimate for North Davis Meadows.

Water usage is the one cost that can be controlled by each homeowner

Note: Davis, Willowbank and El Macero water usage based on actual 2016 aggregate data. All costs below are calculated with 2016 usage data utilizing 2018 rates.

	Davis 2016 avg. water usage & bill	Willowbank 2016 avg. water usage & bill	El Macero 2016 avg. water usage & bill	North Davis Meadows Estimated based on El Macero averages adjusted for lot size
Indoor Use (Nov 2015-Feb 2016)	5.9 CCF	6.9 CCF	11.2 CCF	11.2 CCF
Summer Use (Jun-Aug 2016)	15.5 CCF	42.7 CCF	48.8 CCF	96 CCF
Annual Use (2016)	121.0 CCF	269.0 CCF	331.0 CCF	745 CCF
Annual Water Bill (calculated with 2018 rates)	\$704 (\$557 consumption)	\$1,462 (\$1,240 consumption)	\$1,748 (\$1,525 consumption)	\$3,650 (\$3,430 consumption)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
2002	1,116,600	1,183,300	2,396,800	6,737,800	10,192,000	13,325,600	14,977,900	13,176,400	12,733,900	8,883,900	2,415,300	1,226,700	88,366,200	
2003	850,600	1,344,500	8,313,569	3,289,517	7,510,616	14,517,648	15,590,999	14,321,811	10,679,876	9,122,262	2,176,433	1,305,584	89,023,415	
2004	1,023,741	1,112,519	4,387,620	8,714,220	13,236,289	14,447,345	14,594,887	15,390,477	8,382,100	5,832,300	2,003,470	1,539,179	90,664,147	
2005	1,217,900	1,282,292	2,009,703	5,749,411	8,151,490	12,677,675	15,775,710	11,788,355	10,936,134	9,397,773	4,469,175	1,976,557	85,432,175	
2006	1,462,235	1,955,707	1,393,555	2,452,117	10,620,718	13,150,658	15,561,489	13,536,965	11,045,595	9,135,668	2,623,335	2,205,577	85,143,619	
2007	2,978,066	2,294,853	4,524,709	6,772,220	11,118,184	14,800,876	14,831,548	14,232,032	11,022,710	5,650,772	3,979,337	2,436,462	94,641,769	
2008	1,141,573	1,660,826	5,292,019	8,218,714	12,891,775	14,265,404	14,276,128	15,324,522	10,714,880	8,452,234	2,653,051	1,586,645	96,477,771	
2009	1,696,270	1,200,214	2,953,829	7,007,820	9,323,734	12,275,903	13,220,653	12,604,559	11,181,568	5,630,788	3,044,719	2,053,031	82,193,088	
2010	1,225,929	1,198,076	2,504,194	2,629,436	7,818,346	11,625,799	13,946,234	13,150,247	11,937,353	7,092,735	2,128,229	1,115,433	76,372,011	
2011	1,110,987	1,537,528	1,026,081	5,017,718	9,049,464	8,931,184	12,292,427	12,607,413	10,289,313	5,261,676	2,476,158	2,020,541	71,620,490	
2012	2,659,916	2,422,831	2,529,939	3,908,411	11,543,745	11,106,376	13,173,816	15,269,512	9,311,048	7,515,272	1,853,879	1,166,317	82,461,062	
2013	1,509,083	2,458,229	5,516,207	7,600,287	10,298,970	13,418,833	23,871,309	12,951,084	10,373,107	8,090,630	5,134,747	2,615,193	103,837,679	
2014	3,177,099	1,788,424	2,630,690	4,274,960	9,014,928	11,143,415	12,630,948	12,263,730	9,364,096	7,234,248	2,631,782	1,136,231	77,290,551	
2015	1,563,879	1,543,046	4,526,465	5,437,410	7,886,082	8,497,448	9,495,093	9,374,607	8,419,889	6,795,617	1,947,585	1,484,504	66,971,625	
2016	1,325,552	1,538,977	2,494,652	6,590,637	13,072,112	19,603,264	30,534,475	25,819,333	15,248,076	8,015,420	2,369,802	1,672,422	128,284,722	
Min	850,600	1,112,519	1,026,081	2,452,117	7,510,616	8,497,448	9,495,093	9,374,607	8,382,100	5,261,676	1,853,879	1,115,433	66,971,625	
Max	3,177,099	2,458,229	8,313,569	8,714,220	13,236,289	19,603,264	30,534,475	25,819,333	15,248,076	9,397,773	5,134,747	2,615,193	128,284,722	
Average	1,603,962	1,634,755	3,500,002	5,626,712	10,115,230	12,919,162	15,651,574	14,120,736	10,775,976	7,474,086	2,793,800	1,702,692	87,918,688	Variable SFR Rate
Average Gallons per conn.	16884	17208	36842	59229	106476	135991	164753	148639	113431	78675	29408	17923	925460	Jan-18
Average gallons per day.	563	574	1228	1974	3549	4533	5492	4955	3781	2622	980	597	2536	\$ 4.61
Average ccf	22.6	23.0	49.3	79.2	142.3	181.8	220.3	198.7	151.6	105.2	39.3	24.0	1237.2	
Variable Water bill	\$ 104.06	\$ 106.05	\$ 227.06	\$ 365.03	\$ 656.22	\$ 838.13	\$ 1,015.39	\$ 916.08	\$ 699.09	\$ 484.88	\$ 181.25	\$ 110.46		
Fixed Water bill (1" meter)	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53	\$ 18.53		
Average Water Bill	\$ 122.59	\$ 124.58	\$ 245.59	\$ 383.56	\$ 674.75	\$ 856.66	\$ 1,033.92	\$ 934.61	\$ 717.62	\$ 503.41	\$ 199.78	\$ 128.99	\$ 5,926.06	