

Town of Purcellville  
**Weekly Water Demand Report**  
 2/5/2018- 02/11/2018

**Notes:**

Due to unanticipated repairs at the elevated tank, the tank was drained, repaired and refilled from 2/7/2018 through 2/11/2018.

Day	Date	Main St. Complex	Forbes	Cornwell	Hirst	Mtn View	Marsh Well	Total Wells Production	Water Plant	TOTAL Production	Jefferies Well	Jefferies % of WTP	In-Service Capacity
Mon	2/5	122,800	28,939	48,982	0	25,300	62,400	288,421	277,000	565,421		0.0%	66.2%
Tue	2/6	127,800	32,713	37,677	0	21,200	62,600	281,990	324,800	606,790		0.0%	71.1%
Wed	2/7	124,200	25,900	33,300	0	21,000	62,500	266,900	331,200	598,100		0.0%	70.0%
Thu	2/8	107,700	36,001	30,190	0	17,700	62,500	254,091	320,800	574,891		0.0%	67.3%
Fri	2/9	135,100	30,661	19,625	0	25,700	80,700	291,786	344,200	635,986		0.0%	74.5%
Sat	2/10	125,100	37,343	39,387	0	26,400	81,000	309,230	336,700	645,930		0.0%	75.6%
Sun	2/11	125,900	35,959	31,864	0	17,900	81,600	293,223	376,100	669,323		0.0%	78.4%
<b>Weekly Total</b>		<b>868,600</b>	<b>227,516</b>	<b>241,025</b>	<b>0</b>	<b>155,200</b>	<b>493,300</b>	<b>1,985,641</b>	<b>2,310,800</b>	<b>4,296,441</b>	<b>0</b>		
Daily Avg's		124,086	32,502	34,432	0	22,171	70,471	283,663	330,114	613,777	0	0.0%	71.9%
Weekly Max's		135,100	37,343	48,982	0	26,400	81,600	309,230	376,100	669,323	0	0.0%	78.4%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	283,663	330,114	330,114	613,777	30,581,172

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)	Days of Water Storage in Reservoir		Bulk Water Usage	
Mon	2/5				Based on Current Daily Average WTP Production	92.64	Date	
Tue	2/6					2/6		
Wed	2/7				Based on Current Daily Average WTP Production Using Jefferies	92.64	2/7	
Thu	2/8			0.45		2/8		
Fri	2/9						2/9	
Sat	2/10						2/10	
Sun	2/11	5.30	5.00	0.67	Based on Current (Permitted) Maximum Reservoir Safe Yield	101.94	2/11	
Weekly Total				1.12			Total	0

Exceeds safe yield or permitted capacity

Notes:  
 Reservoir level measurements reported in red italics are estimates. The gauges were damaged by ice.