

Town of Purcellville  
**Weekly Water Demand Report**  
 1/29/2018- 02/04/2018

Notes:

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	1/29	121,800	32,494	30,912	0	18,200	75,500	278,906	281,600	560,506		0.0%	65.6%
Tue	1/30	122,700	29,824	45,286	0	22,100	79,800	299,710	319,100	618,810		0.0%	72.5%
Wed	1/31	124,400	31,565	53,104	0	21,900	65,900	296,869	288,000	584,869		0.0%	68.5%
Thu	2/1	124,300	31,549	44,173	0	22,700	69,600	292,322	297,200	589,522		0.0%	69.0%
Fri	2/2	157,300	33,285	56,071	0	22,200	68,100	336,956	327,000	663,956		0.0%	77.7%
Sat	2/3	97,000	34,948	58,747	0	22,800	62,300	275,795	309,800	585,595		0.0%	68.6%
Sun	2/4	118,500	31,035	47,418	0	20,200	62,300	279,453	280,000	559,453		0.0%	65.5%
<b>Weekly Total</b>		<b>866,000</b>	<b>224,700</b>	<b>335,711</b>	<b>0</b>	<b>150,100</b>	<b>483,500</b>	<b>2,060,011</b>	<b>2,102,700</b>	<b>4,162,711</b>	<b>0</b>		
Daily Avg's		123,714	32,100	47,959	0	21,443	69,071	294,287	300,386	594,673	0	0.0%	69.6%
Weekly Max's		157,300	34,948	58,747	0	22,800	79,800	336,956	327,000	663,956	0	0.0%	77.7%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	294,287	300,386	300,386	594,673	30,581,172

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	1/29			
Tue	1/30			
Wed	1/31			
Thu	2/1			
Fri	2/2			0.30
Sat	2/3			
Sun	2/4	5.30	5.00	
Weekly Total		■ ■ ■ ■ ■	■ ■ ■ ■ ■	0.30

**Days of Water Storage in Reservoir**

<b>Based on Current Daily Average WTP Production</b>		101.81
<b>Based on Current Daily Average WTP Production Using Jefferies</b>		101.81
<b>Based on Current (Permitted) Maximum Reservoir Safe Yield</b>		101.94

**Bulk Water Usage**

Date	
1/29	
1/30	
1/31	
2/1	
2/2	
2/3	
2/4	
Total	0 ■ ■ ■ ■ ■

  Exceeds safe yield or permitted capacity

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