

Town of Purcellville
Weekly Water Demand Report
 3/12/2018- 03/18/2018

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	3/12	131,800	31,221	56,189	0	20,500	62,700	302,410	338,700	641,110		0.0%	75.1%
Tue	3/13	130,500	30,731	57,919	0	24,500	81,500	325,150	273,800	598,950		0.0%	70.1%
Wed	3/14	124,800	32,205	59,335	0	23,700	81,600	321,640	285,800	607,440		0.0%	71.1%
Thu	3/15	138,300	31,019	57,437	0	24,100	81,100	331,956	276,400	608,356		0.0%	71.2%
Fri	3/16	112,400	33,300	62,623	0	22,400	80,900	311,623	280,600	592,223		0.0%	69.3%
Sat	3/17	128,000	36,797	67,286	0	22,400	62,400	316,883	221,000	537,883		0.0%	63.0%
Sun	3/18	130,600	32,663	61,085	0	21,700	78,800	324,848	271,200	596,048		0.0%	69.8%
Weekly Total		896,400	227,936	421,874	0	159,300	529,000	2,234,510	1,947,500	4,182,010	0		70.0%
Daily Avg's		128,057	32,562	60,268	0	22,757	75,571	319,216	278,214	597,430	0	0.0%	70.0%
Weekly Max's		138,300	36,797	67,286	0	24,500	81,600	331,956	338,700	641,110	0	0.0%	75.1%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	319,216	278,214	278,214	597,430	30,581,172

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	3/12			
Tue	3/13			
Wed	3/14			
Thu	3/15			
Fri	3/16			
Sat	3/17			
Sun	3/18	5.30	5.00	
Weekly Total		■ ■ ■ ■ ■	■ ■ ■ ■ ■	0.00

Days of Water Storage in Reservoir

Based on Current Daily Average WTP Production	109.92
Based on Current Daily Average WTP Production <i>Using Jefferies</i>	109.92
Based on Current (Permitted) Maximum Reservoir Safe Yield	101.94

Bulk Water Usage

Date	
3/12	
3/13	
3/14	
3/15	
3/16	
3/17	
3/18	
Total	0 ■ ■ ■ ■ ■

Exceeds safe yield or permitted capacity

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