

Town of Purcellville
Weekly Water Demand Report
 7/9/2018- 07/15/2018

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	7/9	98,372	28,593	57,438	0	25,700	86,800	296,903	311,200	608,103	0	0.0%	71.2%
Tue	7/10	100,748	30,101	60,229	0	25,600	72,300	288,978	307,100	596,078	0	0.0%	69.8%
Wed	7/11	101,794	30,685	56,431	0	23,600	72,400	284,910	313,800	598,710	0	0.0%	70.1%
Thu	7/12	101,749	31,838	60,336	0	24,100	64,700	282,723	307,100	589,823	0	0.0%	69.1%
Fri	7/13	109,182	34,063	64,653	0	25,100	79,000	311,998	356,900	668,898	0	0.0%	78.3%
Sat	7/14	105,713	35,847	67,923	0	23,100	79,400	311,983	261,900	573,883	0	0.0%	67.2%
Sun	7/15	102,406	32,681	61,885	0	22,000	79,400	298,372	288,800	587,172	0	0.0%	68.8%
Weekly Total		719,964	223,808	428,895	0	169,200	534,000	2,075,867	2,146,800	4,222,667	0		
Daily Avg's		102,852	31,973	61,271	0	24,171	76,286	296,552	306,686	603,238	0	0.0%	70.6%
Weekly Max's		109,182	35,847	67,923	0	25,700	86,800	311,998	356,900	668,898	0	0.0%	78.3%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	296,552	306,686	306,686	603,238	30,394,764

Day	Date	Front Lake (5.6' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon	7/9	5.50	4.94	
Tue	7/10	5.48	4.94	
Wed	7/11	5.45	4.94	
Thu	7/12	5.46	4.92	
Fri	7/13	5.48	4.90	
Sat	7/14	5.50	4.86	
Sun	7/15	5.59	4.86	
Weekly Total		■ ■ ■ ■	■ ■ ■ ■	0.00

Days of Water Storage in Reservoir

Based on Current Daily Average WTP Production **99.11**

Based on Current Daily Average WTP Production **99.11**
 Using Jefferies

Based on Current (Permitted) Maximum Reservoir Safe Yield **101.32**

Bulk Water Usage	
Date	
7/9	
7/10	
7/11	
7/12	
7/13	
7/14	
7/15	
Total	0 ■ ■ ■ ■ ■ ■ ■ ■

Exceeds safe yield or permitted capacity