

Town of Purcellville
Weekly Water Demand Report
 01/25/2016- 01/31/2016

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	1/25	77,500	26,031	53,949	0	0	96,100	253,580	271,400	524,980	0	0.0%	62.3%
Tue	1/26	99,400	28,215	60,786	0	0	83,000	271,401	227,200	498,601	0	0.0%	59.1%
Wed	1/27	106,800	26,544	62,252	0	0	82,500	278,096	214,700	492,796	0	0.0%	58.5%
Thu	1/28	103,300	27,165	58,877	0	40,300	76,800	306,442	201,900	508,342	0	0.0%	60.3%
Fri	1/29	97,600	28,463	61,218	0	32,800	64,900	284,981	198,000	482,981	0	0.0%	57.3%
Sat	1/30	104,800	31,327	69,283	0	0	81,500	286,910	196,900	483,810	0	0.0%	57.4%
Sun	1/31	101,600	30,705	62,030	0	41,800	81,600	317,735	197,500	515,235	0	0.0%	61.1%
Weekly Total		691,000	198,450	428,395	0	114,900	566,400	1,999,145	1,507,600	3,506,745	0		
Daily Avg's		98,714	28,350	61,199	0	16,414	80,914	285,592	215,371	500,964	0	0.0%	59.4%
Weekly Max's		106,800	31,327	69,283	0	41,800	96,100	317,735	271,400	524,980	0	0.0%	62.3%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	285,592	215,371	215,371	500,964	30,561,059

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)
Mon*	1/25	NM	NM	
Tue*	1/26	NM	NM	
Wed*	1/27	NM	NM	
Thu*	1/28	NM	NM	
Fri*	1/29	NM	NM	
Sat*	1/30	NM	NM	
Sun*	1/31	NM	NM	
Weekly Total				0.00

Days of Water Storage in Reservoir

Based on Current Daily Average WTP Production **141.90**

Based on Current Daily Average WTP Production Using Jefferies **141.90**

Based on Current (Permitted) Maximum Reservoir Safe Yield **101.87**

Unusual Usage	
Date	
1/25	
1/26	
1/27	
1/28	
1/29	
1/30	
1/31	
Total	0

*Not measured due to snowfall.