

Town of Purcellville
Weekly Water Demand Report
 10/03/2016 - 10/09/2016

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	10/3	106,900	35,092	67,883	0	29,000	57,500	296,375	279,000	575,375	37,800	13.5%	68.3%
Tue	10/4	94,900	34,021	64,822	0	36,100	82,400	312,243	272,800	585,043	36,000	13.2%	69.4%
Wed	10/5	105,900	33,730	64,088	0	14,700	57,100	275,518	245,000	520,518	32,600	13.3%	61.7%
Thu	10/6	115,300	34,651	65,822	0	38,200	56,100	310,073	238,000	548,073	30,400	12.8%	65.0%
Fri	10/7	104,500	35,883	70,117	0	33,400	84,100	328,000	248,400	576,400	38,500	15.5%	68.4%
Sat	10/8	91,300	33,499	64,412	0	20,300	70,300	279,811	152,600	432,411	24,900	16.3%	51.3%
Sun	10/9	115,900	34,049	65,277	0	29,700	69,300	314,226	201,800	516,026	31,800	15.8%	61.2%
Weekly Total		734,700	240,925	462,421	0	201,400	476,800	2,116,246	1,637,600	3,753,846	232,000		
Daily Avg's		104,957	34,418	66,060	0	28,771	68,114	302,321	233,943	536,264	33,143	14.2%	63.6%
Weekly Max's		115,900	35,883	70,117	0	38,200	84,100	328,000	279,000	585,043	38,500	16.3%	69.4%

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
Daily Average Usages:	302,321	200,800	233,943	536,264	24,057,825

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)	Days of Water Storage in Reservoir	Date	Bulk Water Usage
Mon	10/3	4.30	1.45	0.01	Based on Current Daily Average WTP Production	10/3	
Tue	10/4	4.30	1.40			10/4	
Wed	10/5	4.26	1.32		Based on Current Daily Average WTP Production Using Jefferies	10/5	
Thu	10/6	4.20	1.30			10/6	
Fri	10/7	4.18	1.22		Based on Current (Permitted) Maximum Reservoir Safe Yield	10/7	
Sat	10/8	4.12	1.22	0.43		10/8	
Sun	10/9	4.20	1.50	0.37		10/9	
Weekly Total				0.81		Total	0

Notes:

 Exceeds safe yield or permitted capacity