

Town of Purcellville  
**Weekly Water Demand Report**  
 01/18/2016- 01/24/2016

**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	1/18	86,500	31,848	58,652	0	0	70,000	247,000	208,600	455,600	0	0.0%	54.0%
Tue	1/19	74,300	36,700	69,250	0	33,800	91,700	305,750	265,600	571,350	0	0.0%	67.8%
Wed	1/20	95,400	26,637	51,334	0	25,500	58,800	257,671	217,000	474,671	0	0.0%	56.3%
Thu	1/21	111,300	29,313	59,386	0	26,900	57,400	284,299	251,200	535,499	0	0.0%	63.5%
Fri	1/22	107,066	35,100	60,300	0	20,800	83,100	306,366	209,000	515,366	0	0.0%	61.1%
Sat	1/23	107,066	37,389	80,192	0	0	80,300	304,947	107,800	412,747	0	0.0%	49.0%
Sun	1/24	107,066	35,416	53,439	0	0	56,000	251,921	103,800	355,721	0	0.0%	42.2%
<b>Weekly Total</b>		<b>688,698</b>	<b>232,403</b>	<b>432,553</b>	<b>0</b>	<b>107,000</b>	<b>497,300</b>	<b>1,957,954</b>	<b>1,363,000</b>	<b>3,320,954</b>	<b>0</b>		
<b>Daily Avg's</b>		<b>98,385</b>	<b>33,200</b>	<b>61,793</b>	<b>0</b>	<b>15,286</b>	<b>71,043</b>	<b>279,708</b>	<b>194,714</b>	<b>474,422</b>	<b>0</b>	<b>0.0%</b>	<b>56.3%</b>
<b>Weekly Max's</b>		<b>111,300</b>	<b>37,389</b>	<b>80,192</b>	<b>0</b>	<b>33,800</b>	<b>91,700</b>	<b>306,366</b>	<b>265,600</b>	<b>571,350</b>	<b>0</b>	<b>0.0%</b>	<b>67.8%</b>

	Wells	Reservoir ONLY	WTP Total	Wells + WTP	Gallons in Reservoir (As of Sunday)
<b>Daily Average Usages:</b>	<b>279,708</b>	<b>194,714</b>	<b>194,714</b>	<b>474,422</b>	<b>30,561,059</b>

Day	Date	Front Lake (5.3' = Full)	Back Lake (5.0' = Full)	Rainfall (Inches)	Days of Water Storage in Reservoir		Unusual Usage	
Mon	1/18	5.29	5.23		Based on Current Daily Average WTP Production	156.95	Date	1/18
Tue	1/19	5.29	5.25					1/19
Wed	1/20	5.28	5.10					1/20
Thu	1/21	5.28	5.10		Based on Current Daily Average WTP Production Using Jefferies	156.95	1/21	
Fri	1/22	5.25	5.10	snow			1/22	
Sat	1/23	NM	NM	snow	Based on Current (Permitted) Maximum Reservoir Safe Yield	101.87	1/23	
Sun**	1/24	NM	NM	snow			1/24	
<b>Weekly Total</b>								

\*Volume estimated at Main St. Complex on 1/22-1/24 as staff was not able to access well house due to blizzard

\*\*Not measured due to snowfall.