

BETHLEHEM AUTHORITY  
BETHLEHEM, PA

WATER REPORT  
September 2022

Average Storage Capacity of Both Reservoirs - Current Month: 90.90%  
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.96 MGD

Precipitation\*: Sept. 2022 / YTD 2022 Sept. 2021 / YTD 2021  
5.93 in. 42.32 in. 11.15 in. 51.66 in.

\*Highest value of either Wild Creek or Penn Forest\*

DATE	H2O ELEVATION		CAPACITY			MGD TO WFP	RAINFALL	
	WC	PF	WC %	PF %	TOTAL %		WC	PF
09/02/22	820.10	994.96	100.30	87.04	92.20%	16.47	0.54	0.46
09/09/22	820.00	994.65	100.00	86.33	91.70%	14.83	2.10	2.85
09/16/22	819.65	994.47	99.10	85.93	91.10%	15.18	1.39	1.47
09/23/22	819.01	994.36	97.40	85.68	90.30%	14.35	0.38	0.61
09/30/22	818.32	994.09	95.60	85.07	89.20%	13.95	0.51	0.54
					90.90%	14.96	4.92	5.93

Wild Creek Reservoir Max Elevation 820.00 ft.  
Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume