

BETHLEHEM AUTHORITY  
BETHLEHEM, PA

WATER REPORT  
January 2022

Average Storage Capacity of Both Reservoirs - Current Month: 99.92%  
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.82 MGD

Precipitation\*: Jan 2022 / YTD 2022 Jan 2021 / YTD 2021  
2.25 in. / 2.25 in. 2.09 in. / 2.09 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
01/07/22	820.13	999.78	100.30	98.10	99.00%	14.13	0.64	0.73
01/14/22	820.12	999.48	100.30	97.41	98.50%	14.64	0.19	0.18
01/21/22	820.13	999.24	100.30	96.85	98.20%	14.86	1.19	1.22
01/28/22	820.10	998.84	100.30	95.93	97.60%	15.63	0.11	0.12
					98.33%	14.82	2.13	2.25

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume