

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
October 2024

Average Storage Capacity of Both Reservoirs - Current Month: 79.40%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 13.70 MGD

Precipitation*: Oct 2024 / YTD 2024 Oct 2023 / YTD 2023
.59 in. 38.02 in. 2.02 in. 47.27 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
10/04/24	820.13	985.91	100.33	68.93	81.30%	13.65	0.45	0.48
10/11/24	820.12	984.77	100.30	66.88	80.00%	13.44	0.05	0.02
10/18/24	820.11	983.63	100.28	64.83	78.80%	13.43	0.06	0.08
10/25/24	820.08	982.49	100.21	62.79	77.50%	14.26	0.01	0.01
					79.40%	13.70	0.57	0.59

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

Capacity % calculation based on available volume