

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
December 2024

Average Storage Capacity of Both Reservoirs - Current Month: 70.63%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 12.56 MGD

Precipitation*: Dec 2024 / YTD 2024 Dec 2023 / YTD 2023
4.73 in. 45.73 in. 9.67 in. 59.70 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
12/06/24	820.13	975.73	100.33	52.04	71.00%	12.20	0.50	0.80
12/13/24	820.12	975.58	100.31	51.81	70.90%	12.69	2.35	2.68
12/20/24	820.10	975.27	100.26	51.32	70.60%	12.87	0.87	0.95
12/27/24	820.09	974.70	100.23	50.46	70.00%	12.49	0.27	0.30
					70.63%	12.56	3.99	4.73

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

Capacity % calculation based on available volume