

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
November 2023

Average Storage Capacity of Both Reservoirs - Current Month: 93.15%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 12.89 MGD

Precipitation*: Nov 2023 / YTD 2023 Nov 2022 / YTD 2022
2.76 in. 50.03 in. 3.84 in. 51.32 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
11/03/23	820.12	996.44	100.30	90.41	94.30%	13.01	0.61	0.67
11/10/23	820.13	995.83	100.30	89.01	93.50%	13.44	0.20	0.24
11/17/23	820.13	995.17	100.30	87.51	92.50%	13.05	0.01	0.02
11/24/23	820.15	995.00	100.40	87.13	92.30%	12.07	1.73	1.83
					93.15%	12.89	2.55	2.76

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

Capacity % calculation based on available volume