

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
August 2024

Average Storage Capacity of Both Reservoirs - Current Month: 89.64%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.84 MGD

Precipitation*: Aug 2024 / YTD 2024 Aug 2023 / YTD 2023
7.39 in. 36.13 in. 6.97 in. 38.45 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
08/02/24	820.13	994.44	100.33	85.86	91.60%	14.97	0.77	1.36
08/09/24	820.20	993.73	100.54	84.25	90.70%	14.56	2.69	2.94
08/16/24	820.14	992.97	100.39	82.54	89.60%	14.18	0.02	0.15
08/23/24	820.15	992.41	100.41	81.29	88.80%	14.19	2.08	2.25
08/30/24	820.15	991.43	100.41	79.10	87.50%	16.30	0.04	0.69
					89.64%	14.84	5.60	7.39

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

Capacity % calculation based on available volume