

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
October 2022

Average Storage Capacity of Both Reservoirs - Current Month: 88.08%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 13.87 MGD

Precipitation*: Oct. 2022 / YTD 2022 Oct. 2021 / YTD 2021
5.16 in. 47.48 in. 5.37 in. 57.03 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
10/07/22	818.64	993.85	96.40	84.52	89.20%	13.78	2.59	3.25
10/14/22	819.79	992.59	99.40	81.69	88.70%	13.91	0.72	0.85
10/21/22	820.11	991.62	100.30	79.52	87.70%	13.82	0.01	0.02
10/28/22	820.13	990.87	100.30	77.88	86.70%	13.98	1.00	1.04
					88.08%	13.87	4.32	5.16

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

Capacity % calculation based on available volume