

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
December, 2022

Average Storage Capacity of Both Reservoirs - Current Month: 85.96%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 13.31 MGD

Precipitation*: Dec. 2022 / YTD 2022 Dec. 2021 / YTD 2021
6.07 in. 57.39 in. 1.73 in. 61.30 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
12/02/22	820.14	989.03	100.40	74.50	84.70%	13.20	1.34	1.46
12/09/22	820.21	989.49	100.50	75.31	85.20%	13.49	1.59	1.49
12/16/22	820.18	989.91	100.50	76.06	85.60%	13.44	1.37	1.45
12/23/22	820.26	990.48	100.70	77.07	86.30%	12.67	1.49	1.67
12/30/22	820.15	991.82	100.40	79.97	88.00%	13.73	0.00	0.00
					85.96%	13.31	5.79	6.07

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

Capacity % calculation based on available volume