

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
May 2022

Average Storage Capacity of Both Reservoirs - Current Month: 100.63%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.73 MGD

Precipitation*: May 2022 / YTD 2022 May 2021 / YTD 2021
5.96 in. 23.19 in. 5.00 in. 19.02 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
05/06/22	820.24	1,000.80	100.60	100.56	100.60%	14.43	2.08	2.51
05/13/22	820.33	1,000.84	100.90	100.67	100.70%	14.23	0.98	0.84
05/20/22	820.29	1,000.85	100.70	100.70	100.70%	14.96	1.98	1.90
05/27/22	820.23	1,000.78	100.60	100.50	100.50%	15.29	0.79	0.71
					100.63%	14.73	5.83	5.96

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

Capacity % calculation based on available volume