

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
August 2021

Average Storage Capacity of Both Reservoirs - Current Month: 96.83%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 16.07 MGD

Precipitation*: Aug 2021 / YTD 2021 Aug 2020 / YTD 2020
9.72 in. 40.51 in. 6.01 in. 38.47 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
08/06/21	820.10	998.05	100.30	94.10	96.50%	15.55	0.24	0.23
08/13/21	820.09	997.51	100.20	92.86	95.80%	16.36	1.04	0.84
08/20/21	820.13	997.22	100.30	92.19	95.40%	15.94	2.76	2.81
08/27/21	820.11	1,000.21	100.30	99.10	99.60%	16.41	5.27	5.84
					96.83%	16.07	9.31	9.72

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

Capacity % calculation based on available volume