

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
July 2021

Average Storage Capacity of Both Reservoirs - Current Month: 97.92%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 15.65 MGD

Precipitation*: July 2021 / YTD 2021 July 2020 / YTD 2020
6.41 in. 30.79 in. 6.27 in. 32.46 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
07/02/21	820.14	999.25	100.40	96.88	98.20%	16.10	1.05	0.69
07/09/21	820.17	999.12	100.40	96.58	98.10%	14.99	1.90	2.50
07/16/21	820.13	999.25	100.30	96.88	98.20%	15.21	1.90	1.57
07/23/21	820.10	998.87	100.30	96.00	97.70%	15.73	0.19	0.13
07/30/21	820.14	998.63	100.40	95.44	97.40%	16.23	0.96	1.52
					97.92%	15.65	6.00	6.41

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

Capacity % calculation based on available volume