

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
August 2020

Average Storage Capacity of Both Reservoirs - Current Month: 93.20%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 17.35 MGD

Precipitation*: Aug. 2020 / YTD 2020 Aug. 2019 / YTD 2019
6.01 in. 38.47 in. 5.84 in. 48.41 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
08/07/20	820.10	996.98	100.30	91.64	95.00%	16.95	5.46	5.52
08/14/20	820.13	996.25	100.30	89.97	94.00%	17.62	0.00	0.00
08/21/20	820.17	995.18	100.40	87.54	92.60%	17.09	0.05	0.05
08/28/20	820.17	994.14	100.40	85.18	91.20%	17.72	0.37	0.44
					93.20%	17.35	5.88	6.01

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume