

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
September 2020

Average Storage Capacity of Both Reservoirs - Current Month: 88.93%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 16.41 MGD

Precipitation*: Sep. 2020 / YTD 2020 Sep. 2019 / YTD 2019
5.18 in. 43.65 in. 1.88 in. 50.29 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
09/04/20	820.18	993.73	100.50	84.25	90.60%	17.39	3.51	3.56
09/11/20	820.18	993.14	100.50	82.92	89.80%	16.26	0.77	1.62
09/18/20	820.14	992.11	100.40	80.62	88.40%	16.11	0.00	0.00
09/25/20	820.14	991.03	100.40	78.23	86.90%	15.88	0.00	0.00
					88.93%	16.41	4.28	5.18

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume