

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
October 2020

Average Storage Capacity of Both Reservoirs - Current Month: 84.28%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 15.11 MGD

Precipitation*: Oct. 2020 / YTD 2020 Oct. 2019 / YTD 2019
 6.80 in. 50.45 in. 5.25 in. 55.54 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
10/02/20	820.09	990.60	100.20	77.28	86.30%	15.53	2.58	2.73
10/09/20	820.15	989.51	100.40	75.35	85.20%	15.22	0.02	0.02
10/16/20	820.16	988.60	100.40	73.73	84.20%	15.40	0.83	0.84
10/23/20	820.16	987.58	100.40	71.92	83.10%	14.92	0.04	0.03
10/30/20	820.29	986.98	100.70	70.84	82.60%	14.46	2.98	3.18
					84.28%	15.11	6.45	6.80

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume