

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
December 2020

Average Storage Capacity of Both Reservoirs - Current Month: 83.63%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.09 MGD

Precipitation*: Dec. 2020 / YTD 2020 Dec. 2019 / YTD 2019
7.11 in. 60.76 in. 3.21 in. 66.02 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
12/04/20	820.15	986.80	100.40	70.52	82.30%	13.85	1.91	2.09
12/11/20	820.17	987.34	100.40	71.49	82.90%	14.16	0.14	0.14
12/18/20	820.17	987.52	100.40	71.81	83.10%	14.03	1.47	1.82
12/25/20	820.69	989.94	101.80	76.11	86.20%	14.31	2.89	3.06
					83.63%	14.09	6.41	7.11

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume