

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
October 2021

Average Storage Capacity of Both Reservoirs - Current Month: 100.46%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.25 MGD

Precipitation*: Oct 2021 / YTD 2021 Oct 2020 / YTD 2020
 5.37 57.03 in. 6.80 in. 50.45 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
10/01/21	820.22	1,000.84	100.60	100.67	100.60%	14.82	0.08	0.20
10/08/21	820.19	1,000.84	100.50	100.67	100.60%	14.62	0.81	1.35
10/15/21	820.12	1,000.77	100.30	100.47	100.40%	14.17	0.03	0.02
10/22/21	820.03	1,000.71	100.10	100.31	100.20%	14.14	0.36	0.53
10/29/21	820.18	1,000.78	100.50	100.50	100.50%	13.51	2.95	3.27
					100.46%	14.25	4.23	5.37

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

Capacity % calculation based on available volume