

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
December 2021

Average Storage Capacity of Both Reservoirs - Current Month: 99.92%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 14.29 MGD

Precipitation*: Dec 2021 / YTD 2021 Dec 2020 / YTD 2020
1.73 in. 61.30 in. 7.11 in. 60.76 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
12/03/21	820.14	1,000.78	100.40	100.50	100.40%	13.94	0.33	0.33
12/10/21	820.09	1,000.73	100.20	100.36	100.30%	14.63	0.15	0.26
12/17/21	820.11	1,000.53	100.30	99.84	100.00%	14.52	0.11	0.13
12/24/21	820.12	1,000.22	100.30	99.12	99.60%	14.30	0.29	0.35
12/31/21	820.12	1,000.00	100.30	98.61	99.30%	14.05	0.50	0.66
					99.92%	14.29	1.38	1.73

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

Capacity % calculation based on available volume