

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
July 2020

Average Storage Capacity of Both Reservoirs - Current Month: 97.22%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 17.92 MGD

Precipitation*: July 2020 / YTD 2020 July 2019 / YTD 2019
6.27 in. 32.46 in. 4.86 in. 42.57 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
07/03/20	820.16	999.85	100.40	98.27	99.10%	17.41	0.80	0.48
07/10/20	820.17	999.10	100.40	96.53	98.10%	17.72	2.87	2.13
07/17/20	820.19	998.76	100.50	95.74	97.60%	17.73	1.11	1.03
07/24/20	820.18	997.90	100.50	93.76	96.40%	18.34	1.47	0.69
07/31/20	820.14	996.89	100.40	91.44	94.90%	18.41	0.02	0.14
					97.22%	17.92	6.27	4.47

Wild Creek Reservoir Max Elevation 820.00 ft.

Penn Forest Reservoir Max Elevation 1,000.60 ft.

Capacity % calculation based on available volume