

BETHLEHEM AUTHORITY
BETHLEHEM, PA

WATER REPORT
March 2023

Average Storage Capacity of Both Reservoirs - Current Month: 98.08%
Normal Storage Capacity Range of Both Reservoirs 73% to 100%

Average Daily Influent to Filtration Plant - Current Month: 13.07 MGD

Precipitation*: Mar. 2023 / YTD 2023 Mar. 2022 / YTD 2022
3.92 in. 8.76 in. 2.57 in. 10.18 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 |
| 03/03/23 | 820.12 | 998.32 | 100.30 | 94.73 | 96.90% | 13.05 | 1.77 | 1.77 |
| 03/10/23 | 820.12 | 998.84 | 100.30 | 95.93 | 97.60% | 13.19 | 0.64 | 0.64 |
| 03/17/23 | 820.11 | 999.26 | 100.30 | 96.90 | 98.20% | 13.01 | 0.31 | 0.60 |
| 03/24/23 | 820.11 | 999.56 | 100.30 | 97.59 | 98.60% | 13.05 | 0.14 | 0.15 |
| 03/31/23 | 820.10 | 999.88 | 100.30 | 98.33 | 99.10% | 13.05 | 0.67 | 0.76 |
| | | | | | 98.08% | 13.07 | 3.53 | 3.92 |

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

Capacity % calculation based on available volume