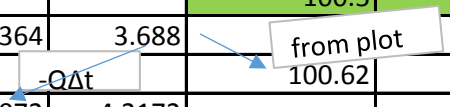
| time | inflow | Avg I | avg I *ΔT | S-QΔT/2 | S+QΔT/2 | ELEVATION | Q | |
|---|---|---|---|---|---|---|---|---|
| 0 | 10 | | | | | 100.5 | 10 | given |
| | | 15 | 0.324 | 3.364 | 3.688 | | | |
| 6 | 20 | | | | | 100.62 | 13 | |
| | | 37.5 | 0.81 | 3.4072 | 4.2172 | | | |
| 12 | 55 | | | | | 101.04 | 27 | |
| | | 67.5 | 1.458 | 3.634 | 5.092 | | | |
| 18 | 80 | | | | | 101.64 | 53 | |
| | | 76.5 | 1.6524 | 3.9472 | 5.5996 | | | |
| 24 | 73 | | | | | 101.96 | 69 | |
| | | 65.5 | 1.4148 | 4.1092 | 5.524 | | | |
| 30 | 58 | | | | | 101.91 | 66 | |
| | | 52 | 1.1232 | 4.0984 | 5.2216 | | | |
| 36 | 46 | | | | | 101.72 | 57 | |
| | | 41 | 0.8856 | 3.9904 | 4.876 | | | |
| 42 | 36 | | | | | 101.48 | 48 | |
| | | 45.5 | 0.9828 | 3.8392 | 4.822 | | | |
| 48 | 55 | | | | | 101.3 | 37 | |
| | | 37.5 | 0.81 | 4.0228 | 4.8328 | | | |
| 54 | 20 | | | | | 100.1 | 25 | |
| | | 17.5 | 0.378 | 4.2928 | 4.6708 | | | |
| 60 | 15 | | | | | 100.93 | 23 | |
| | | 14 | 0.3024 | 4.174 | 4.4764 | | | |
| 66 | 13 | | | | | 100.77 | 18 | |
| | | 12 | 0.2592 | 4.0876 | 4.3468 | | | |
| 72 | 11 | | | | | 100.65 | 14 | |



S-QΔT/2 3.472-(10*0.0216/2)

3.364 Mm3

(S-QΔT/2)ii=(S+QΔT/2)i-QiiΔt

S+QΔT/2=S-QΔT/2+avg I *ΔT

S+QΔT/2=S-QΔT/2+avg I *ΔT go to plot elev&Q