

Estimated Water Waste from a Dripping Faucet/DHWT

| Drips in 30 seconds | Estimated Yearly Waste (gallons) | Estimated kWh Yearly Loss | Estimated therm Yearly Loss |
|---------------------|-------------------------------------|------------------------------|--------------------------------|
| 1 | 105.5 | 18 | 0.6 |
| 2 | 211.0 | 36 | 1.2 |
| 3 | 316.5 | 54 | 1.8 |
| 4 | 421.9 | 72 | 2.5 |
| 5 | 527.4 | 90 | 3.1 |
| 6 | 632.9 | 108 | 3.7 |
| 7 | 738.4 | 126 | 4.3 |
| 8 | 843.9 | 144 | 4.9 |
| 9 | 949.4 | 162 | 5.5 |
| 10 | 1,054.9 | 180 | 6.1 |
| 11 | 1,160.3 | 198 | 6.7 |
| 12 | 1,265.8 | 215 | 7.4 |
| 13 | 1,371.3 | 233 | 8.0 |
| 14 | 1,476.8 | 251 | 8.6 |
| 15 | 1,582.3 | 269 | 9.2 |
| 16 | 1,687.8 | 287 | 9.8 |
| 17 | 1,793.3 | 305 | 10.4 |
| 18 | 1,898.7 | 323 | 11.0 |
| 19 | 2,004.2 | 341 | 11.6 |
| 20 | 2,109.7 | 359 | 12.3 |
| 21 | 2,215.2 | 377 | 12.9 |
| 22 | 2,320.7 | 395 | 13.5 |
| 23 | 2,426.2 | 413 | 14.1 |
| 24 | 2,531.7 | 431 | 14.7 |
| 25 | 2,637.2 | 449 | 15.3 |
| 26 | 2,742.6 | 467 | 15.9 |
| 27 | 2,848.1 | 485 | 16.5 |
| 28 | 2,953.6 | 503 | 17.2 |
| 29 | 3,059.1 | 521 | 17.8 |
| 30 | 3,164.6 | 539 | 18.4 |

Gallons wasted and energy loss is rounded. For Informational Purposes Only.

Information Source: Water Audits and Leak Detection © 2009 American Water Works Association.

Energy loss calculation assumes 70 degree difference in hot water temperature at 120 degrees and annual average outdoor temperature of 50 degrees. Calculation derived from TecMarket Works

Manual: New York Standard Approach for Estimating Energy Savings from Energy Efficiency Programs June 16, 2009.