

## Lawn Water Usage Verses Body Of Water

| Spa Sq. Ft |          |                    |                   |         |      |                       | Average Spa Water use |        |        |     |            |           |
|------------|----------|--------------------|-------------------|---------|------|-----------------------|-----------------------|--------|--------|-----|------------|-----------|
| Location   | Zip Code | Evapotranspiration | Plant Factor Lawn | SQ Feet | GPSF | Irrigation Efficiency | GPD                   | GPM    | GPY    | GPY | Difference | \$ Saving |
| Coast      | 92008    | 0.19               | 1                 | 100     | 0.62 | 75.00%                | 15.71                 | 188.48 | 2261.8 | 600 | 1661.76    | \$14.53   |
| Inland     | 92026    | 0.2                | 1                 | 100     | 0.62 | 75.00%                | 16.53                 | 198.4  | 2380.8 | 600 | 1780.8     | \$15.58   |
| Mountain   | 92036    | 0.23               | 1                 | 100     | 0.62 | 75.00%                | 19.01                 | 228.16 | 2737.9 | 600 | 2137.92    | \$18.70   |
| Desert     | 92243    | 0.28               | 1                 | 100     | 0.62 | 75.00%                | 23.15                 | 277.76 | 3333.1 | 600 | 2733.12    | \$23.90   |

| Swim Spa Sq. Ft |          |                    |                   |         |      |                       | Average Swim Spa Water use |        |        |      |            |           |
|-----------------|----------|--------------------|-------------------|---------|------|-----------------------|----------------------------|--------|--------|------|------------|-----------|
| Location        | Zip Code | Evapotranspiration | Plant Factor Lawn | SQ Feet | GPSF | Irrigation Efficiency | GPD                        | GPM    | GPY    | GPY  | Difference | \$ Saving |
| Coast           | 92008    | 0.19               | 1                 | 200     | 0.62 | 75.00%                | 31.41                      | 376.96 | 4523.5 | 1400 | 3123.52    | \$27.32   |
| Inland          | 92026    | 0.2                | 1                 | 200     | 0.62 | 75.00%                | 33.07                      | 396.8  | 4761.6 | 1400 | 3361.6     | \$29.40   |
| Mountain        | 92036    | 0.23               | 1                 | 200     | 0.62 | 75.00%                | 38.03                      | 456.32 | 5475.8 | 1400 | 4075.84    | \$35.65   |
| Desert          | 92243    | 0.28               | 1                 | 200     | 0.62 | 75.00%                | 46.29                      | 555.52 | 6666.2 | 1400 | 5266.24    | \$46.06   |

| Swimming Pool Sq. Ft |          |                    |                   |         |      |                       | Swimming Pool Water Use |        |       |      |            |           |
|----------------------|----------|--------------------|-------------------|---------|------|-----------------------|-------------------------|--------|-------|------|------------|-----------|
| Location             | Zip Code | Evapotranspiration | Plant Factor Lawn | SQ Feet | GPSF | Irrigation Efficiency | GPD                     | GPM    | GPY   | GPY  | Difference | \$ Saving |
| Coast                | 92008    | 0.19               | 1                 | 675     | 0.62 | 75.00%                | 106.02                  | 1272.2 | 15267 | 7000 | 8266.88    | \$72.30   |
| Inland               | 92026    | 0.2                | 1                 | 675     | 0.62 | 75.00%                | 111.60                  | 1339.2 | 16070 | 7000 | 9070.4     | \$79.33   |
| Mountain             | 92036    | 0.23               | 1                 | 675     | 0.62 | 75.00%                | 128.34                  | 1540.1 | 18481 | 7000 | 11480.96   | \$100.41  |
| Desert               | 92243    | 0.28               | 1                 | 675     | 0.62 | 75.00%                | 156.24                  | 1874.9 | 22499 | 7000 | 15498.56   | \$135.55  |

### Assumptions

Average Spa Water Use 300 Gallons Changed Out 2 Times A Year

Average Swim Spa Water use 2100 Gallons Changed Out Every 1 1/2 Years

Average Swimming Pool Water Use 25.000 Gallons Changed Out 5 Years Plus 2000 Gallons Refilling Evapaerating Water

Evapotranspiration Sourced From <http://www.rainmaster.com/historicET.aspx>

GPSF Gallons Per Square Foot

GPD Gallons per Day

GPM Gallons Per Month

GPY Gallons Per Year