

# Geyser daily report for Saturday, October 10

## 1 Overview

Total hot water used ..... 0.0 litres  
Number of events larger than 10 litres .....0  
Number of events smaller than 10 litres ..... 1  
Total number of events .....1

Maximum hot water temperature .....52.0 °C  
Average hot water temperature .....45.0 °C  
Minimum hot water temperature ..... 42.0 °C  
Average ambient temperature at geyser .....22.0 °C

Electrical energy consumed ..... 2.5 kWh  
Estimated cost ..... R 3.75  
Effective energy of hot water consumed ..... 0.0 kWh  
Energy loss due to radiation ..... 2.5 kWh  
Percentage energy wasted ..... 100.0 %

## 2 Other participant comparison

Your Geyser ID is ..... 104

|                         |        |        |        |        |        |
|-------------------------|--------|--------|--------|--------|--------|
| ID                      | 104.00 | 106.00 | 107.00 | 109.00 | 112.00 |
| Total Volume (l)        | 0.00   | 180.70 | 295.40 | 112.50 | 55.70  |
| Electrical energy (kWh) | 2.50   | 9.50   | 12.60  | 9.00   | 6.20   |
| Effective energy (kWh)  | 0.00   | 5.70   | 10.60  | 6.00   | 2.70   |
| Est cost (R)            | 3.75   | 14.25  | 18.90  | 13.50  | 9.30   |
| Energy loss (kWh)       | 2.50   | 3.80   | 2.00   | 3.00   | 3.50   |
| Loss (%)                | 100.00 | 40.00  | 15.90  | 33.30  | 56.50  |
| Out Min (C)             | 42.00  | 38.00  | 39.00  | 59.00  | 38.00  |
| Out Mean (C)            | 45.00  | 44.00  | 46.00  | 64.00  | 42.00  |
| Out Max (C)             | 52.00  | 48.00  | 58.00  | 70.00  | 61.00  |
| In Min (C)              | 18.00  | 15.00  | 15.00  | 20.00  | 12.00  |
| In Mean (C)             | 24.00  | 21.00  | 22.00  | 24.00  | 16.00  |
| In Max (C)              | 31.00  | 28.00  | 36.00  | 31.00  | 19.00  |
| Amb Min (C)             | 16.00  | 15.00  | 15.00  | 20.00  | 12.00  |
| Amb Mean (C)            | 22.00  | 21.00  | 23.00  | 25.00  | 18.00  |
| Amb Max (C)             | 29.00  | 29.00  | 39.00  | 33.00  | 23.00  |
| Total #events           | 1.00   | 40.00  | 26.00  | 16.00  | 2.00   |
| Large #events           | 0.00   | 5.00   | 7.00   | 2.00   | 1.00   |
| Small #events           | 1.00   | 35.00  | 19.00  | 14.00  | 1.00   |
| Packet loss (%)         | 0.62   | 0.00   | 1.74   | 10.56  | 0.35   |

### 3 Hot water usage event summary

| Start time | Volume (l) | Duration | Avg temperature | Est energy (kWh) | Est cost (R) |
|------------|------------|----------|-----------------|------------------|--------------|
| 02:00:26   | 0          | 0        | 0               | 0                | 0            |

# 4 Graphs

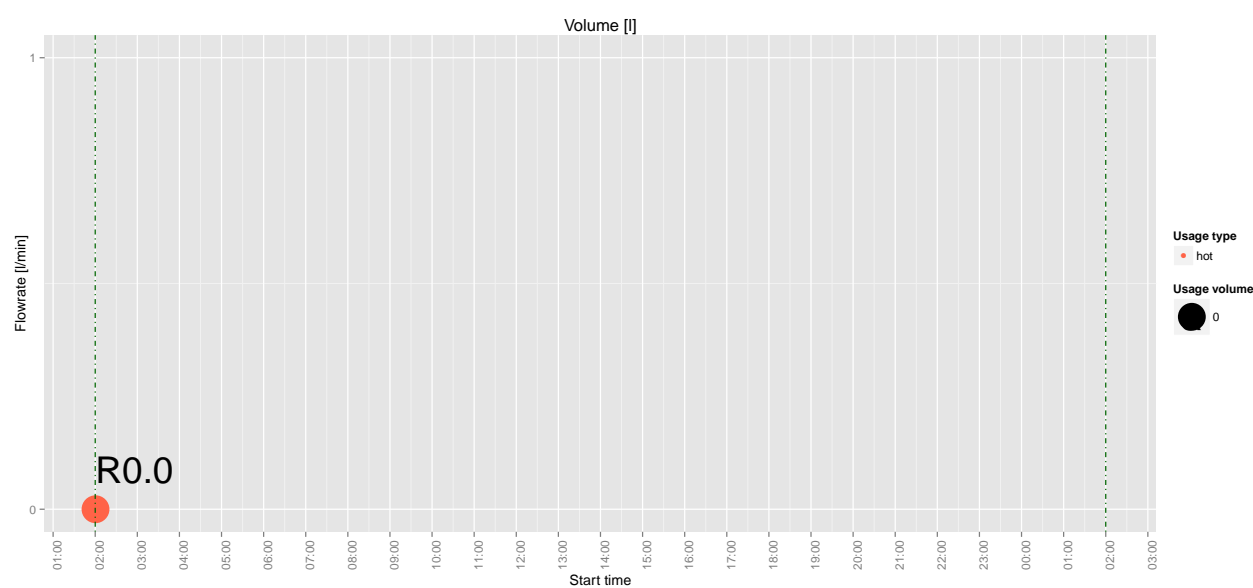


Figure 1: Usage events and volumes

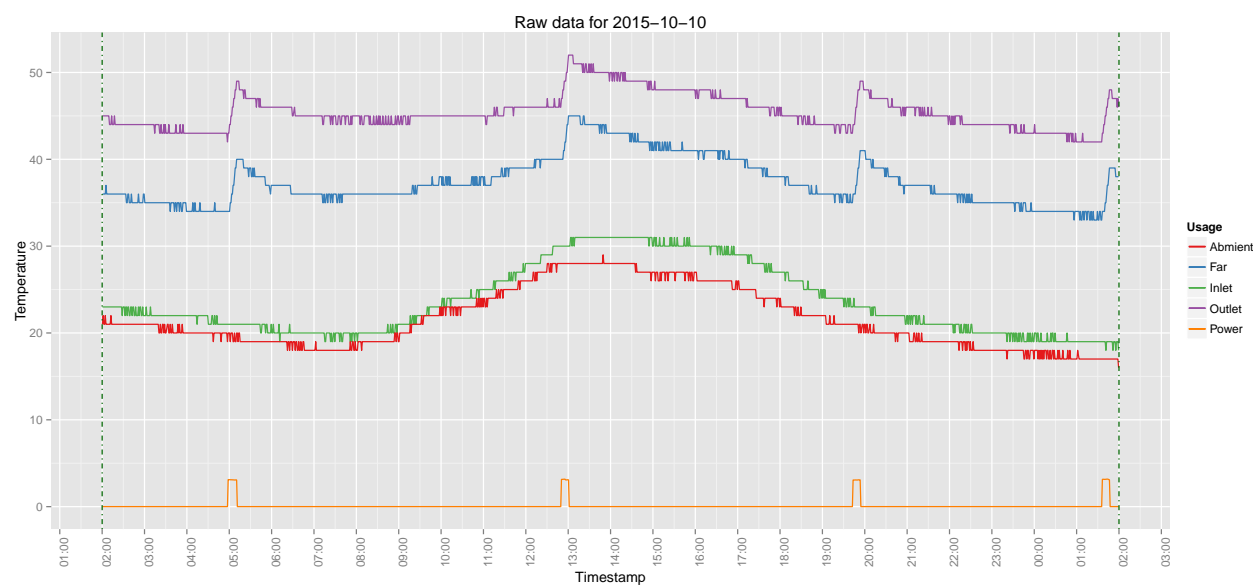


Figure 2: Raw data