

Zero Usage Detection



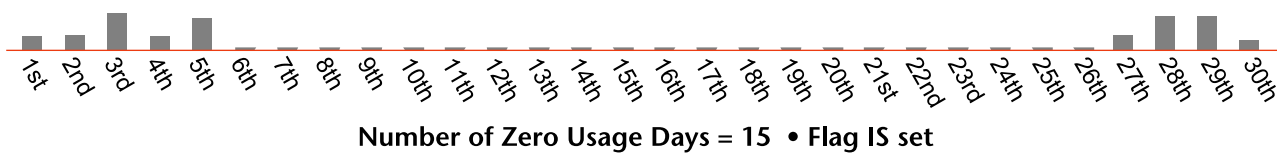
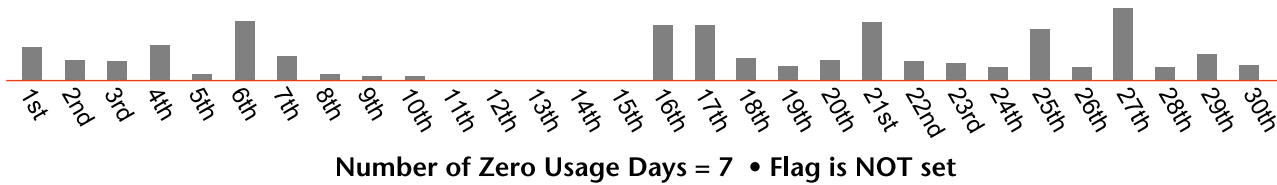
The M2 Water Meter Radio Transceiver provides a flexible function to detect zero usage (consumption) on the account. This function can be utilized for seasonal occupancies, unexpected move-outs, and water theft.

Description

The zero usage function simply looks for accounts which do not show consumption over a period of days. The number of days is a configurable number to allow the user to target the function for different uses, such as unexpected move-outs, seasonal move-outs and water theft.

Set Number of Zero-Usage Days

- Total number of days of zero consumption in 30 day period to set flag



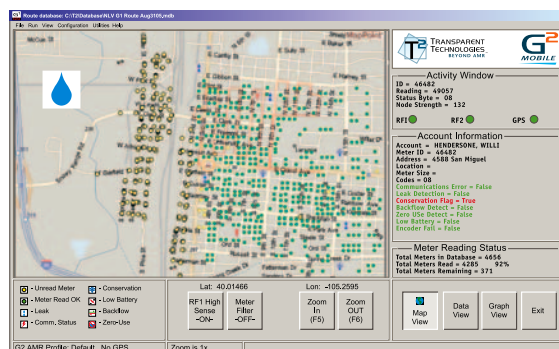
Operation

The radio monitors consumption continually. If the zero usage conditions are met, the radio sets a flag indicating the condition and transmits the flag with every transmission. The G2 Mobile System displays an icon for the meter indicating the zero usage and also passes this information to the Data Center or the billing system. A datalog can be downloaded showing the consumption pattern that caused the flag.

Measurement



Notification



Activity Window

ID = 46482
 Status Byte = 06
 Meter Strength = 32

RF1: RF2: GPS

Account Information
 Account = HENDERSON, WILLI
 Meter ID = 46482
 Address = 4588 San Miguel
 Location =
 Meter Size =
 Code = 08
 Consumption Error = False
 Leak Detection = False
 Conservation Flag = True
 Backflow Detect = False
 Zero Use Detect = False
 Low Battery = False
 Incoiler Full = False

Meter Reading Status
 Total Meters in Database = 4656
 Total Meters Read = 4230 = 92%
 Total Meters Remaining = 371

Map View | Data View | Graph View | Exit

Analysis

