

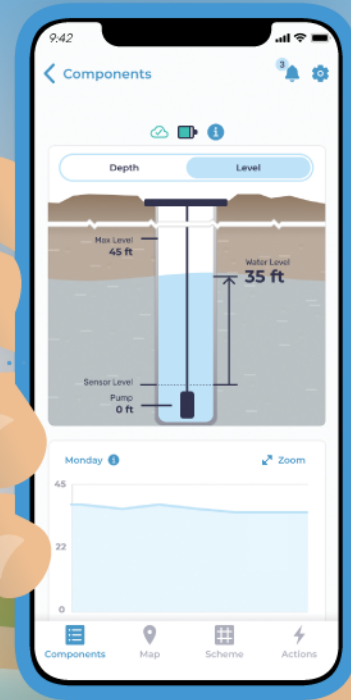
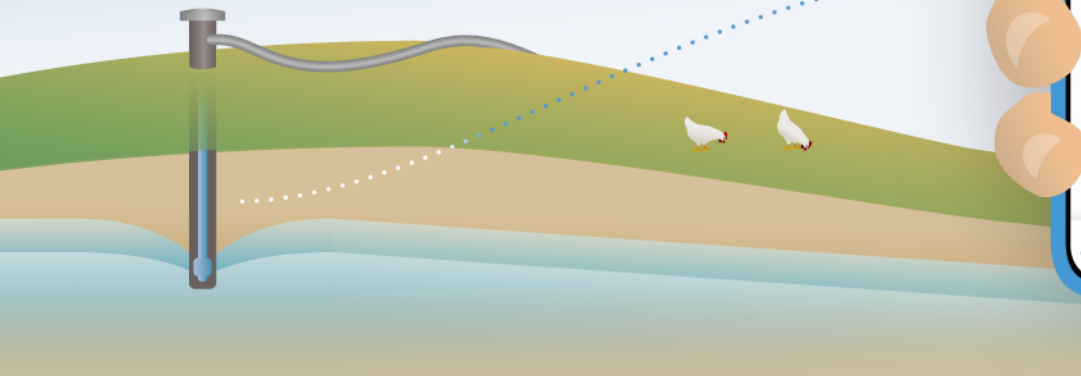
Well Monitoring

Making groundwater sustainable™

The **meter.me**® well monitoring system is a revolutionary step toward visualizing aquifer behavior. Using our app, you can remotely monitor your well water level and track usage trends over time to help avoid over extracting your groundwater supply.

Like all of our systems, meter.me well monitoring can be deployed in rural areas; No WiFi or electricity required.

Stay informed effortlessly with our easy-to-install system and user-friendly mobile app.



Benefits

- Save **money** - detect unexpected usage early on to avoid wasted resources.
- Save **time** - view your well remotely from your phone anytime, anywhere.
- Save **water** - identify when your well may be at risk of over-extraction and drying up.

Key Features

- Historical graphs to track seasonal trends
- Cloud-hosted mobile app
- LoRa network connectivity
- Grid & off-grid powered

Mobile Application

Our mobile application is supported on iOS and Android devices and allows you to:

- Receive low level alerts via SMS, push or email
- Remotely view your well level and water usage
- Track current & historic well levels
- View your water system on the map



Connectivity



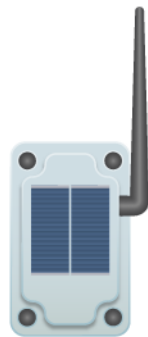
The **meter.base** (a LoRaWAN gateway) that is deployed with each meter.me installation, uses LoRa or long-range low power technology to facilitate communication between the water system components and the meter.me service platform.

The LoRa network functions even in areas of poor cellular or internet connectivity.

Equipment

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Our equipment line is continuously being evaluated and improved; these renderings are for general representation purposes.



meter.mote

Water Level Communicator



meter.base

LoRaWAN Gateway



meter.sense

Barometric Pressure Sensor

Technical Specifications

Operating temperature	-35C to +75C
Power draw	Idle Current 10µA, Transmit Current 130mA
Charge	5V 80mA Solar Panel, 2200mAh battery giving 5+ years depending on working conditions & solar coverage
Regulatory compliance	RAK carries CE Certification and FCC Certification
Connectivity	LoRa US915
LoRa gateway range	Up to 15 km (rural) & 2 km (urban)
Dimensions	L x W 160.27mm x 92.9 mm / 6.3" x 3.6"
Antenna	4.2dBi SMA Whip Style 915Mhz Antenna with female SMA connector
Housing	IP66/IP68 - Dust Tight, Water Resistant, Waterproof
Reporting frequency	2-4 hour standard reporting intervals; reports on change