

Azonde 2200 Family Water Monitoring FAQ

Can the **Azonde** be used to measure small urban streams or ephemeral streams?

Yes, the **Azonde Urban 2230** is designed to be inconspicuous in an urban setting and harvest solar energy to power itself. It takes continuous measurements and transmits them back to the web.

Can the **Azonde** be used with a solar panel and antenna I choose?

Yes, the **Azonde CRV 2220** can be powered from 7-30V. As an option it can have its own internal rechargeable Li-Ion battery.

Can the **Azonde** be used to measure reservoir height?

Yes, the **Azonde EZ 2210** is a simple floating device to measure the depth of a still body of water.

How easy is it to set up the web interface and who can access it?

We can do it for you, so it is very easy, and you decide if you want anyone or just a limited number of people to have access.

How does the **Azonde** send the measurements to the web?

The **Azonde** harvests solar energy, and uses this to transmit the water height and temperature measurements wirelessly to the web. It uses the ISM RF band 2.4GHz or 900Mhz with an **Azonde Gateway** that has access to the internet. As an option it can use a cellular radio, which delivers the measurements directly to the internet.



The **Azonde 2200** family of fully integrated solar powered wireless water monitor systems for a wide range of water management applications.

- 2210 EZ for still bodies of water
- 2220 CRV for rural streams/river
- 2230 URBAN for urban streams/rivers

Software

- 2000 Win PC – self contained
- 2000 Gateway to internet
- 2000 Webserver

Readings are transmitted in real time to your computer or if internet enabled, to the web.

Use for your NPDES hydro modification investigations, flood level and irrigation pond monitoring. The **Azonde software** can raise an alarm or send an email if a parameter window is exceeded.



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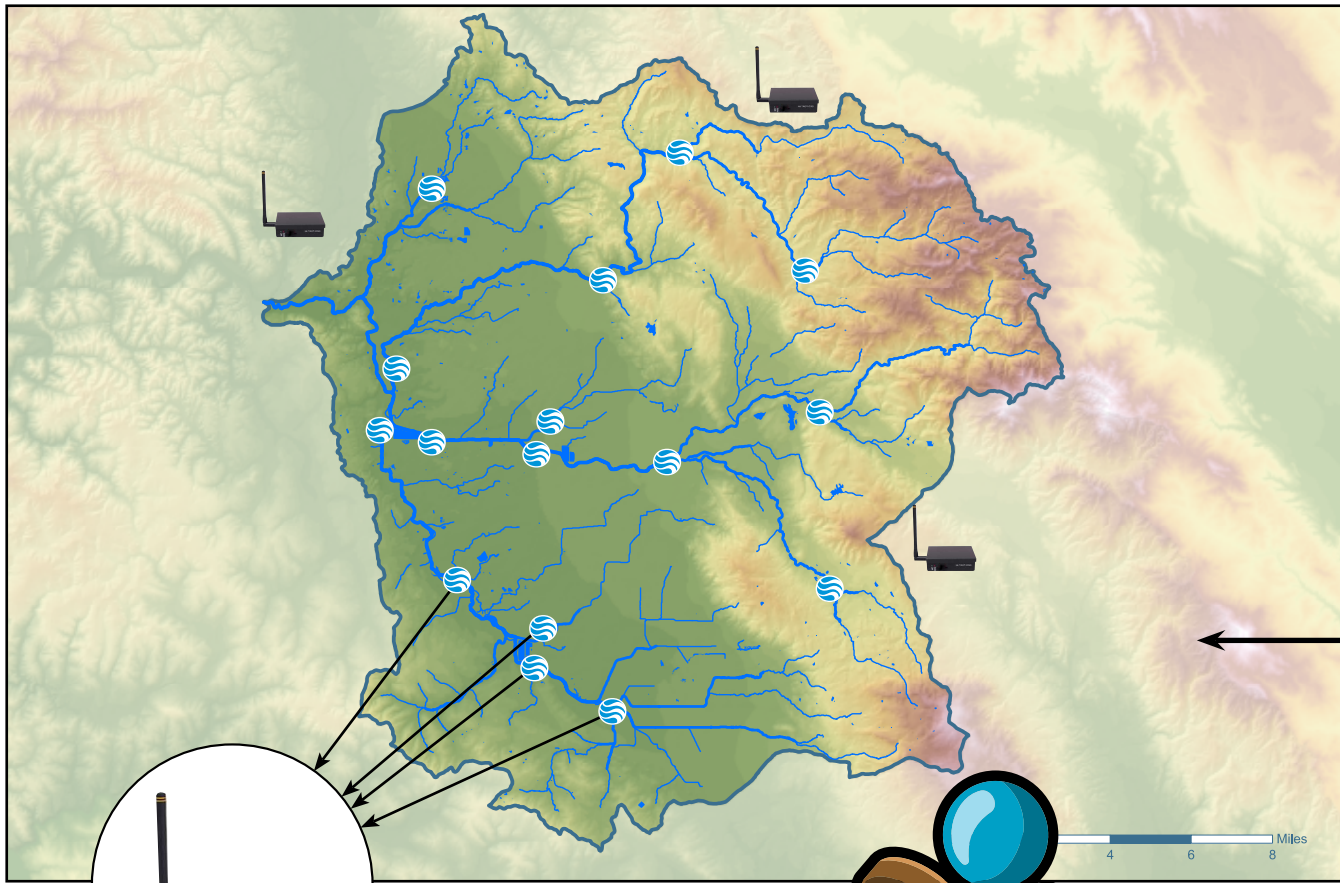
Recycled paper



The Hydrograph 24/7 Sentinel



2200 FAMILY



The Azonde 2200 software can monitor for specific critical thresholds and send an alert to your computer or cell phone.

For flood monitoring, set the Azonde 2200 software to monitor for a high water level, and send an alert when the threshold is reached.

For environmental stream monitoring, set the Azonde 2200 software to monitor for a low water level and send an alert when it drops through the threshold.

The Azonde 2200 will continue monitoring the field readings in real-time.



INTERNET



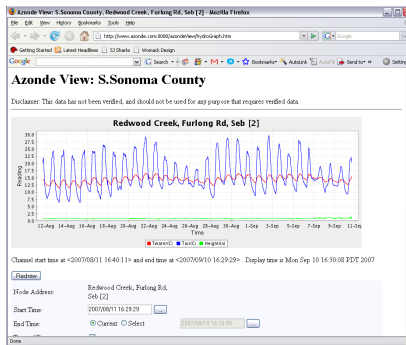
Has a reading threshold been exceeded?

NO

YES

The Azonde 2200 measures water height and temperature and transmits the readings wirelessly to your Windows PC or web server hard drive.

Lower your total costs with easy installation, low ongoing maintenance, and easy remote management from the comfort of your office.



Azonde readings available from your browser.

