



# Superior Water Level & Flow Measurements

EASY | RELIABLE | ACCURATE

## What's New from Campbell Scientific

Campbell Scientific has provided top-quality measurement tools for the USGS for decades. New configuration and management tools make it easier than ever to get the best results from Campbell's industry-leading data-acquisition systems. Intuitive point-and-click configuration, simple, illustrated connections and mountings, and research-grade sensors and data loggers help you get the best data so you can make the best decisions.

Measurement Tools from Campbell Scientific

New



### Hydro-Link™ Interface Software

- Simple process to add sensors
- Supports GOES, Iridium (DoD-gateway-ready), and cell communication options
- Includes alarms and control
- Live readings for real-time data



### LevelVUE™ B10 Bubbler

- Built-in keypad and display
- Proprietary high-volume purge
- SDI-12 and Modbus interfaces



### CS475A Radar Water-Level Gauge

- High accuracy over extended range
- HIF tested
- Lower price, same high quality



### SBS314 Advanced Rain Gauge

- Design reduces catching errors
- Reduced wind effect
- HIF-tested, HIF stock #7014040



### TX325 GOES Satellite Transmitter

- Easy integration with Campbell Scientific data loggers
- NESDIS HDR CS2 certified
- Compatible with GOES DCS system



Measurement Tools from Campbell Scientific

New

## Key Specifications

### LevelVUE™ B10 Bubbler, Water Level Sensor

#### RANGE / ACCURACY

- 0 to 15 PSI      0 to 34.6 ft      0.007 ft accuracy
- 0 to 30 PSI      0 to 69.2 ft      0.014 ft accuracy
- 0 to 50 PSI      0 to 115.35 ft      0.023 ft accuracy

#### AUTO PURGE

- Scheduled from once a day to once every 30 days, 1 day resolution
- 30 to 90 PSI user-settable purge pressure
- A larger air tank and high-volume valves provide a stronger purge than standard bubblers

### CS475A Radar Gauge, Water Level Sensor

- Meets USGS Office of Surface Water (OSW) requirements for accuracy

#### RANGE / ACCURACY

- 0 to 114.8 ft      range
- ±0.0065 ft      accuracy

#### POWER MODES

- Low              < 550 uA sleep      7 mA measuring
- Normal          < 5 mA sleep      7 mA measuring

#### INTERFACE

- SDI-12 Version 1.4

### Hydro-Link™ Interface (V2.0)

- Browser based interface means it can run on PCs, tablets, and cell phones
- Runs on the CR300 series dataloggers
- No programming needed, all menu driven or point and click functionality
- Field tools included for easy site service tasks
- Ethernet connectivity on the CR310 datalogger

### SBS314 Advanced Rain Gauge

- Dual-reed switches for diagnostics or connecting to two different systems
- Aerodynamic design that minimizes airflow disruption
- 0.01 inch per tip with 2% accuracy (typical 1%)
- 8 inch opening (314 cm<sup>2</sup>)
- Rugged, powder-coated, marine-grade aluminum, perfect for harsh environments

### TX325 GOES Radio

- Adjustable Power output based on antenna type
- Supports both timed and random transmissions
- RF Power output up to 7 watts

45  
YEARS  
1974-2019

## WATER RESOURCE MEASUREMENTS

Easy-to-Use, Trusted World-Wide  
Rapid configuration with Campbell management tools