

## HOBO<sup>®</sup> Water Level Loggers

Accurate, affordable water level monitoring

HOBO Water Level data loggers offer high accuracy at an affordable price, with no cumbersome vent tubes or desiccants to maintain. These data loggers are ideal for recording water levels and temperatures in wells, streams, lakes, and freshwater wetlands.



**Supported Measurements:** Water Level, Pressure, Temperature

### Key Advantages:

- Available in 4 depth ranges
- No-vent-tube design for easy and reliable deployment
- Available in stainless steel and titanium\* versions
- Durable ceramic pressure sensor for reliable performance
- Calibration certificate included

### Minimum System Requirements:



Software



Base Station<sup>1</sup>



Coupler<sup>2</sup>

\*Titanium version recommended for saltwater deployment.

<sup>1</sup>HOBO Base Station or HOBO Waterproof Shuttle required. See page 37 for more details.

<sup>2</sup>Coupler included with HOBO Base Station or HOBO Waterproof Shuttle.

► For complete information and accessories, please visit: [www.onsetcomp.com](http://www.onsetcomp.com)

Part number	U20-001-04/ U20-001-04-Ti	U20-001-01/ U20-001-01-Ti	U20-001-02/ U20-001-02-Ti	U20-001-03/ U20-001-03-Ti
<b>HOBO Water Level Specifications</b>				
<b>Range</b>	0-4 m (0-13 ft) 0-145 kPa (0-21 psia)	0-9 m (0-30 ft) 0-207 kPa (0-30 psia)	0-30 m (0-100 ft) 0-400 kPa (0-58 psia)	0-76 m (0-250 ft) 0-850 kPa (0-123 psia)
<b>Factory Calibrated Range (0° to 40°C; 32° to 104°F)</b>	69 to 145 kPa (10-21 psia)	69 to 207 kPa (10-30 psia)	69 to 400 kPa (10-58 psia)	69 to 850 kPa (10-123 psia)
<b>Water Level Accuracy (Typical Error)</b>	± 0.3 cm (0.01 ft) (± 0.075% FS)	± 0.5 cm (0.015 ft) (± 0.05% FS)	± 1.5 cm (0.05 ft) (± 0.05% FS)	± 3.8 cm (0.125 ft) (± 0.05% FS)
<b>Resolution</b>	0.14 cm (0.005 ft)	0.21 cm (0.007 ft)	0.41 cm (0.013 ft)	0.87 cm (0.028 ft)
<b>Burst Pressure</b>	310 kPa (45 psia) 18 m (60 ft) depth		500 kPa (72.5 psia) 40.8 m (134 ft) depth	1200 kPa (174 psia) 112 m (368 ft) depth
<b>Temperature Specifications (all models)</b>				
<b>Range</b>	-20° to 50°C (-4° to 122°F)			
<b>Accuracy</b>	± 0.37° @ 20°C (± 0.67° @ 68°F) ± 0.44° from 0° to 50°C (± 0.79° from 32° to 122°F)			
<b>Resolution (10 bit)</b>	0.1° @ 20°C (0.18° @ 68°F)			
<b>Response time</b>	3.5 minutes (to 90% in water)			
<b>Dimensions</b>	2.46 cm diameter x 15 cm (0.97 x 5.9 in) hole in mounting bail 6.3 mm (0.25 in)			
<b>CE compliant</b>	Yes			

## Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-800-564-4377
- Fax 508-759-9100

Technical Support

- (8am to 8pm ET, Monday through Friday)
- Contact [Product Support](#)
- Call 877-564-4377