

# HOBO RG3 Rain Gauge

## Rainfall data logging system

The HOBO RG3 data logging rain gauge is a self-contained device that includes an integrated data logger with a high-quality tipping-bucket rain gauge. The RG3's logger has a built-in temperature sensor and is on a cable so it can be used in an optional radiation shield for logging air temperature.

**Supported Measurements:** Rainfall, Temperature

### Key Advantages:

- Aluminum housing and 15.4 cm (6.06 in) collector ring
- Field-proven design
- Logger can be moved into an optional radiation shield for logging air temperature
- Three mounting feet to use on flat, level surfaces
- Side bracket for mast mounting (hose clamps included)
- Self-emptying for continuous rainfall logging

### Minimum System Requirements:



Software



Base Station\*



Part numbers	RG3-M, RG3
<b>Memory</b>	Events only: 16K to 23K events Events and temperature: 25K to 30K data points
<b>Measurement range</b>	Up to 320 cm (RG3-M), up to 160 in (RG3)
<b>Resolution</b>	0.2 mm (RG3-M), 0.01 in (RG3)
<b>Time stamp resolution</b>	1 second
<b>Maximum Rainfall rate</b>	12.7 cm (5 in) per hour
<b>Battery life</b>	1 year typical, user-replaceable, CR2032
	<b>Temperature</b>
<b>Measurement range</b>	-20° to 70°C (-4° to 158°F)
<b>Accuracy</b>	± 0.53°C from 0° to 50°C (± 0.95°F from 32° to 122°F); a solar radiation shield is required for temperature measurements in sunlight
<b>Resolution</b>	0.14°C at 25°C (0.25°F at 77°F)
<b>Sample rate</b>	1 second to 18 hours, user-selectable
<b>Dimensions</b>	15.2 cm diameter x 25.7 cm high (6 x 10 in) 1.2 kg (2.5 lbs)
<b>CE compliant</b>	Yes

\*HOBO Base Station or HOBO Waterproof Shuttle required.