



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
Memory	Events only: 16K to 23K events Events and temperature: 25K to 30K data points
Measurement range	Up to 320 cm (RG3-M), up to 160 in (RG3)
Resolution	0.2 mm (RG3-M), 0.01 in (RG3)
Time stamp resolution	1 second
Maximum Rainfall rate	12.7 cm (5 in) per hour
Battery life	1 year typical, user-replaceable, CR2032
	Temperature
Measurement range	-20° to 70°C (-4° to 158°F)
Accuracy	± 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
Resolution	0.14°C at 25°C (0.25°F at 77°F)
Sample rate	1 second to 18 hours, user-selectable
Dimensions	15.2 cm diameter x 25.7 cm high (6 x 10 in) 1.2 kg (2.5 lbs)
CE compliant	Yes