

TB6

Standard Tipping Bucket Rain Gauge

The TB6 combines professional grade features and economic construction to provide high quality rainfall measurement at an affordable cost.

Reliable rainfall measurements are a critical component in the design and evaluation of sewer systems. Rainfall characteristics vary widely, as do rainfall monitoring needs. ADS® offers a full-line of tipping bucket rain gauges to meet these needs using a technically-based, flexible, and cost-conscious approach.

TB6 Features

- Durable, rugged design
- Finger filter keeps debris from plugging the funnel
- Integrated insect screens keep spiders and insects out
- 0.01 inch/tip or 0.2 mm/tip
- Long-term, stable calibration
- Easy to install and maintain
- ISO-9001



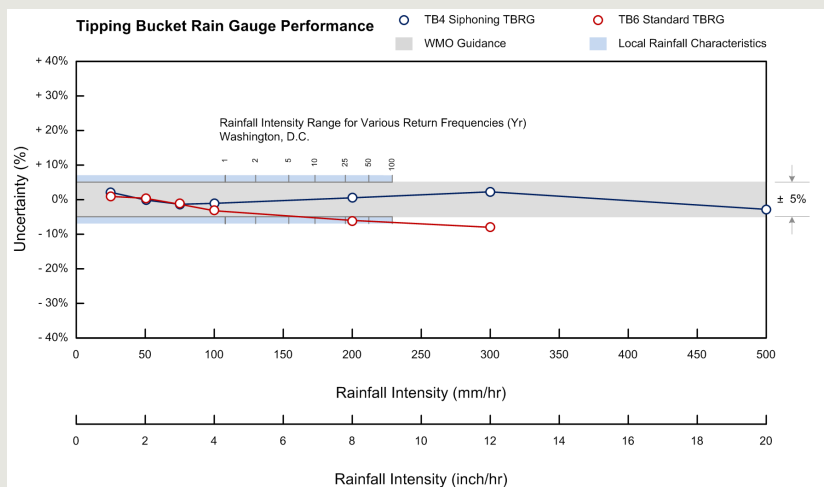
About ADS

ADS Environmental Services, a brand of ADS LLC, pioneered the industry's first wastewater flow monitoring hardware and software products in 1975, and today continues to provide the highest quality flow monitoring technologies and services. Monitors manufactured by ADS measure over 4 billion gallons of flow daily across the globe.

www.adsenv.com

Application

The TB6 is specially calibrated to achieve a high level of accuracy at lower rainfall intensities. Proper application depends on local rainfall characteristics and rainfall return frequencies of interest. For higher accuracy at higher rainfall intensities, ADS recommends the TB4 siphoning TBRG.



Each TB6 unit consists of an outer enclosure with rim, funnel, and finger filter, as well as a base which houses the tipping bucket mechanism. The outer enclosure is easily removed from the base with quick release fasteners.

ADS ENVIRONMENTAL SERVICES®

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HARDWARE



Integrates with RainAlert III



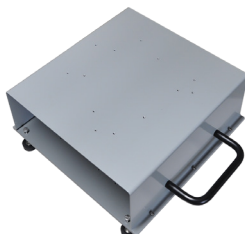
The ADS RainAlert III™ is a low-cost, wireless rain gauge data logger that can alert via text or email messages when rainfall intensity exceeds a specified threshold. The technology is designed for ultra-low power consumption, yielding a two-year battery life at a 15-minute sampling interval. The RainAlert III provides intelligent alarming and data acquisition for use in precipitation analysis, sewer flow monitoring studies, overflow prevention programs, sewer capacity studies, master plan studies, and more.

Accessories

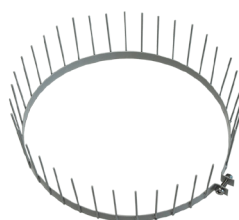
Pole Mount



Base Plate and Sun Shield



Bird Guard



TB6 Product Specifications

Type:	Standard TBRG
Receiver:	8-inch nominal diameter (200 mm \pm 0.3 mm) Die-cast aluminum, powder-coated
Enclosure:	Removable for easy access to interior Spun aluminum, powder-coated
Finger Filter:	Non-hygroscopic, injection-molded ABS Stainless steel mesh screen
Bucket:	Chrome-plated, injection-molded ABS Balanced to 0.05 g 0.01 inch/tip (United States) 0.2 mm/tip (International)
Bearings:	Double stainless steel roller bearings Stainless steel shaft
Accuracy:	< \pm 1% up to 2 in/hr (50 mm/hr) \pm 1% up to 3 in/hr (75 mm/hr) \pm 3% up to 4 in/hr (100 mm/hr)
Max Intensity:	28 in/hr (700 mm/hr)
Contacts:	Dual reed switch Potted in soft silicon rubber Varistor protection 24 V (0.5 A) max capacity 0.1 Ω initial contact resistance
Base:	Non-hygroscopic, injection-molded ABS Stainless steel mesh insect screens Drain fittings Bulls-eye bubble level
Humidity:	0% to 100%
Temperature:	Not suitable for frozen precipitation Heater unit not available for this model
Height:	12.25 in (310 mm)
Weight:	4.4 lbs (2 kg)
Shipping:	8.8 lb / 1.1 ft ³ (4 kg / 0.03 m ³)

ADS ENVIRONMENTAL SERVICES®

340 The Bridge Street, Suite 204, Huntsville, AL 35806
Phone: 256.430.3366/ Fax: 256.430.6333
Toll Free: 1.800.633.7246