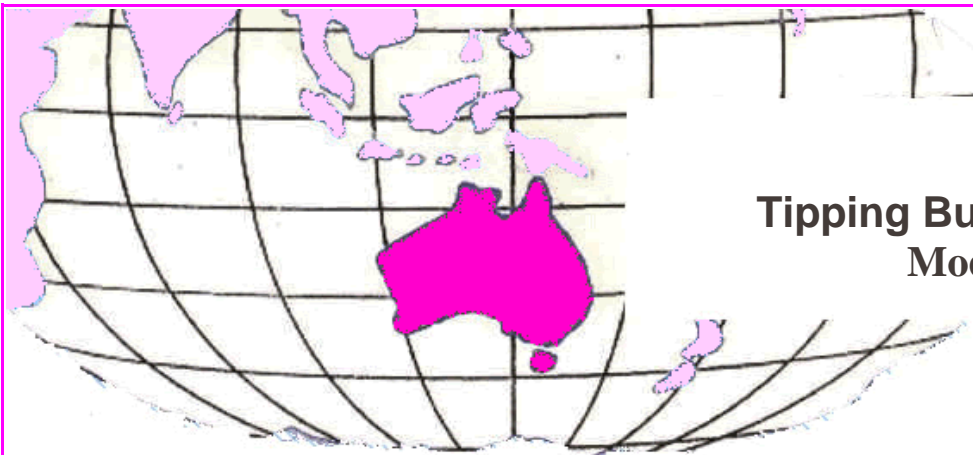


## Tipping Bucket Rain gauge Model HS305



**HS305**

### ACCESSORIES:

Rainfall Data Logger - Model RRDL-3 (to view this product, please view the specific section for this product within this Website).

Rainfall Sentry - Model RS-3 (to view this product please view the specific section for this product within this Website).

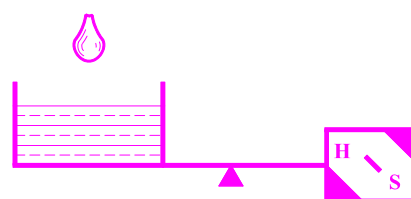
### SPECIFICATIONS:

Receiver: 305mm diameter width machined aluminium rim  
Sensitivity: One tip at 1.0mm  
Measuring Range: 0-700 mm/hr.  
Calibration: +/-2% 25-500 mm/hr. long term stable calibration  
Sensor: Tipping Bucket with Syphon  
Contact System: Dual Reed Switches, potted in Silicon Rubber with Varistor protection  
Contact Capacity: 12VA, 0.5 amp max.  
Contact Time: 0.1Second  
Height: 505mm  
Weight: 5.6kg  
Bucket: 1mm Synthetic Ceramic coated Brass  
Packed Dimensions: 8kg, 0.07metres cubed

### DESCRIPTION:

The Hydrological Services Tipping Bucket Rain gauge is recognised as the standard for measuring rainfall and precipitation in remote unattended locations. The integrated syphon mechanism delivers high levels of accuracy funnel with steel leaf sieve, an integrated syphon control mechanism, an outer enclosure with quick release fasteners, and base which houses the tipping bucket mechanism. The unit includes dual reed switch with Varistor protection as well as dual rainfall discharge outlets for water collection and/or analysis. Insect screens are fitted to all outer openings. The bucket tips when precipitation of 1.0mm has been collected. Each tip is marked by a reed switch closure and stored to a Data Logger and / or used by Telemetry System.

Model HS-305 has been specifically designed to suit the ALERT Flood Warning System. The Receiver is 305mm in diameter and the bucket tips each 1.0mm of precipitation.



ISO  
9001

QUALITY SYSTEM  
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**HYDROLOGICAL INSTRUMENTS & EQUIPMENT**  
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