

MODEL 5054 Self-Reporting Rain Station

General Description

HydroLynx Self-Reporting Rain Stations are complete packaged gauges which transmit precipitation data on a real-time basis. This data provides knowledge of precipitation patterns as events happen to improve runoff forecasts and control of water management projects.

The Model 5054 Rain Station includes a Model 5050P Tipping Bucket that generates a digital signal whenever one millimeter of rainfall drains through the funnel assembly. The digital signal input to the Model 5096-54 transmitter is translated into an ALERT/IFLOWS formatted message and transmitted via radio links to the central site.

The transmitted message includes a station identification number and an accumulator value indicating the total number of recorded "tips". The central site computer adds date and time to the data and records the information in the central site data base.

Specifications

Height: 12 ft. including rain gauge top section
 Diameter: 12 in.
 Weight: 70 lbs.
 Shipping weight: 80 lbs.

Ordering Information

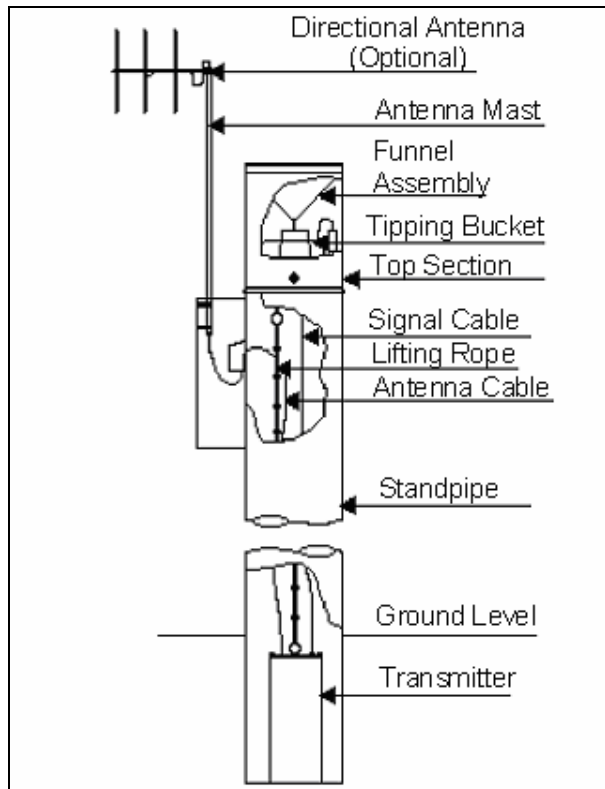
5054..... Self-Reporting Rain Station
 5054SA Standpipe Assembly
 5054SO Standpipe
 5054AM Antenna Mast
 5050A Omni Antenna , 3dB
 5054C-RG8 Antenna Cable with connectors
 5054TS Rain Gauge Top Section includes
 Model 5050P Tipping Bucket Assembly,
 Funnel and Screen
 5054LR Lifting Rope
 5096-54 Transmitter with data logging
 RTR, Specify radio and frequency
 5031-12 Gel Cell Battery, 12 AH, 12 Vdc

Options

5054D..... Access Door for Standpipe
 5050LA..... Antenna Lightning Protection
 5054SG..... Standpipe Ground Kit
 5033-0.3B..... Solar Panel, Regulator and Mounting Bracket
 SAM160..... Directional Antenna, 10 dB



Self-Reporting Rain Station, Douglas County, NV



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