

NOAH II™ Total Precipitation Gage

The NOAH line of total precipitation gages is based on load cell technology for low-maintenance remote use. These total precipitation gages provide accurate, unattended measurement of precipitation in the form of either rain or snow over the full range of environmental conditions and temperatures (-30°C to +50°C).

NOAH total precipitation gages detect the onset of precipitation as an incremental increase in weight, so precipitation measurement is not impacted by evaporation or temperature.

NOAH total precipitation gages accurately measure precipitation:

- ✓ Onset
- ✓ Duration
- ✓ Intensity
- ✓ Amount



Shown with optional Lexan wind screen

NOAH II™ Specifications

Inlet Orifice Diameter: 12 inches, minimizing snow-capping

Capacity: 12-inch, 20-inch, 30-inch, 120-inch

Rainfall Intensity Rate: 100 inches/hour

Internal Resolution: +/- 0.001 inches

Reporting Accuracy: +/- 0.01 inches

Output: pulse output at each 0.01 inches (mimics a tipping bucket)

Electronics: Weight Measurement Assembly (WMA) includes load cell/microprocessor

Power Requirements: 12 Vdc

Options: Lexan wind screen

Calibration: Calibrated for weight and temperature (factory certification provided)

Approved for Use By: NCAR, NOAA, NADP, WMO

History: 20-year track record with over 1,000 deployed in the USA

Fluid Reservoir: Environmentally friendly proprietary blend of ethanol/glycerin