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New Rainfall and Evaporation Recorder

R. Stewart (2), R.W. Hut (1), J.S. Selker (2), D. Rupp (2), M. Abou Najm (2), and H. Gupta (3) (1) Delft University of Technology, Faculty of Civil Engineering and Geoscience, Delft, Netherlands (r.w.hut@tudelft.nl), (2) Oregon State University, Biological & Ecological Engineering, Corvallis, Oregon, USA, (3) The University of Arizona, Hydrology and Water Resources, Tucson, Arizona, USA

As an alternative to standard weighing and tipping-bucket rain gauges, we propose a new, simple, and low-maintenance rain gauge. In a prototype configuration, additions of rainfall in both 1 and 5 mm increments were clearly detectable. Furthermore, the same gauge can be used to monitor evaporation.