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Press Release

Gaithersburg, MD, May 2012: Optical Scientific Inc. (OSi) Optical Rain Gauges as used by NASA and NOAA offer unparalleled advanced liquid precipitation detection and measurement capability. OSi's newest optical rain gauge built on over 20 years of optical rain gauge experience is the ORG-815-DS. When sensitivity and speed of response are imperative OSi Optical Rain Gauges offer sensitivity and response advantages that simply are not possible with traditional tipping bucket rain gauges.

The ORG-815-DS uses OSi's patented optical sensing techniques and will report precipitation within five seconds of the first rain drop falling through the sensor's sample volume. In applications, such as monitoring propagation conditions for satellite communications where quick response is critical, the ORG-815-DS is the perfect sensor. In addition the ORG-815-DS built in memory and extra I/O capability make adding additional sensors a convenient factory configured option. Complete automatic weather stations (AWS) including wind, temperature, relative humidity, and barometric pressure sensors may be built around the ORG-815-DS.



For even greater capability OSi AWS may be configured around the OWI-430-DS (AC power available) or the OWI-650-DS (battery and solar power installations). The OWI-430-DS and OWI-650-DS are state-of-the-art present weather and visibility sensors.