

Equipment Modernization

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With a goal of maintaining an efficient measurement system that meets the data and information needs of scientists, policy-makers, educators, and the public, NADP committees in 2006 passed a resolution requiring equipment changes for all NTN, MDN, and AIRMoN sites. The resolution required all sites to install an approved electronic precipitation gage by the end of 2011. As the end of 2011 rapidly approaches over 240 NADP sites have an electronic raingage.

At the NADP Executive Committee meeting on October 19th, 2010, a new wet-deposition collector was accepted for use in the NADP/National Trends Network for collection of precipitation chemistry samples. The new collector is the N-CON Systems Co., Inc.'s Atmospheric Deposition Sampler (Model 00-120-2, ADS/NTN). This new sampler was tested following the NADP requirements and was deemed to have met these standards and to fulfill the needs of the network. Therefore N-CON Systems ADS/NTN sampler is now acceptable for use in collecting wet deposition samples.

The equipment modernization process has not been without its' challenges. This poster will examine some of those challenges as well as chart the progress of modernization effort.