

ASP Infrastructure Project Support of MAX-MEX Field Campaign

M.S. Pekour, Pacific Northwest National Laboratory; J.C. Barnard, Pacific Northwest National Laboratory; L. K. Berg, Pacific Northwest National Laboratory; J.C. Doran, Pacific Northwest National Laboratory; N.S. Laulainen, Pacific Northwest National Laboratory; W.J. Shaw, Pacific Northwest National Laboratory; X-Y Yu, Pacific Northwest National Laboratory

Mikhail Pekour, Pacific Northwest National Laboratory

This poster describes the suite of instruments that was provided by PNNL to the MAX-MEX component of the MILAGRO campaign through the infrastructure resources of DOE's Atmospheric Science Program. The instrumentation was installed on sites T1 (Tecamac Technical University) and T2 (Rancho La Bisnaga). Both sites were furnished with an Aerosol Sampling System constructed at PNNL following the design of systems created by NOAA's Climate Modeling & Diagnostics Laboratory. In addition, an optical particle counter (PCASP) was used at T1 to estimate particle size distributions. PNNL also provided meteorological and atmospheric profiling instrumentation, including a surface weather station, a 915 MHz radar wind profiler, and a radiosonde system, at T2. This poster will also summarize the periods of successful data recovery for the deployed systems.