



## Micrometeorological Measurements

- High-resolution data (up to 50 hertz)
- Field-ready mobile monitoring laboratory
- On-board data acquisition with real-time displays and GPS location
- 10-meter crank-up tower to support multi-level measurements - single person operation
- 3-dimensional wind measurements (U, V & W)
- Optional measurements such as temperature ( $\Delta t$ ), solar/net radiation and pressure
- Optional tracer (SF<sub>6</sub>) capabilities (10 ppt LDL)

Meteorological Solutions Inc. staff have over 20 years of experience in making Micro-meteorological field measurements in support of urban field programs and transport and dispersion studies. We have been involved with numerous model validation studies and atmospheric tracer programs.



Meteorological Solutions Inc.'s staff of meteorologists and computer programmers can provide you with very knowledgeable field personnel. We have a complete complement of independent calibration and audit standards to insure that measurements are accurate and defensible.



## Micrometeorological Measurements

Meteorological Solutions Inc. has conducted field measurements of meteorological variables in support of a wide range of micro-meteorological studies. These data have been used in both federal and private concerns to assist with chemical and biological hazard research and for transport and dispersion studies. Our field experience can support your project in the following ways:

- Project-defined sampling configurations (client can specify exact measurement needs)
- Quick field deployment times
- Logistical support (local permits, right-of-way access, interface with local officials)

## Contact Us

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### Other Services:

- [Meteorological and Wind Energy Towers](#)
- [Calibrations and Audits](#)
- [Ambient Monitoring](#)
- [Tracer Studies](#)
- [Air Quality Permitting](#)
- [Dispersion Modeling](#)
- [CALPUFF Modeling](#)
- [Remote Data Management](#)
- [Weather Forecasting](#)
- [Total Storm Rainfall Estimates](#)
- [Micrometeorological Field Measurements](#)