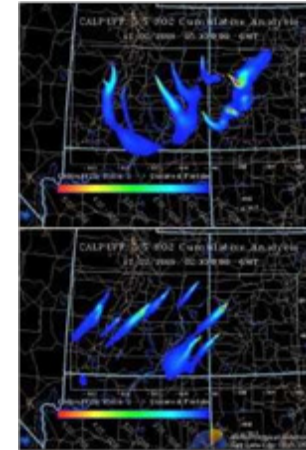




Dispersion Modeling

- Accidental releases
- New Source Review
- Class I and II PSD Impacts
- Compliance with NAAQS and PSD Increments
- Criteria, non-criteria, and HAPS
- CALMET/CALPUFF (all input files)
- ISCST/AERMOD
- 3-D visualization software
- Fugitive dust
- Deposition modeling
- Visibility modeling (PLUVUE and VISCSREEN)
- Monitoring network design
- Simple, intermediate, or complex Terrain
- Tracer/Model validation
- Screening models (TSCREEN and SCREEN3)



Meteorological Solutions Inc. staff have been assisting clients in applying dispersion models throughout the United States and interactively for over 20 years. MSI modelers are meteorologists and have the technical knowledge to perform modeling analyses for continuous, non-continuous, and accidental releases. Our staff has designed numerous model validation field studies and in using the models has come to understand their limitations.



Dispersion Modeling

Meteorological Solutions Inc. modelers are equipped with Intel Core 2 Quad-CPU over-clocked processor workstations to minimize run times and maximize "what-if" scenario times. MSI owns numerous photographic quality color printers which are used to produce informative modeling graphics, including color LaserJet printers. MSI has over 10 terabytes of internal network storage and backup on RAID-5 servers. All modeling data are archived on DVD's and two internal PowerVault storage units. For pictures of modeling graphics MSI has created for prior projects please visit our project image page.

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- [Tracer Studies](#)
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- [Dispersion Modeling](#)
- [CALPUFF Modeling](#)
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