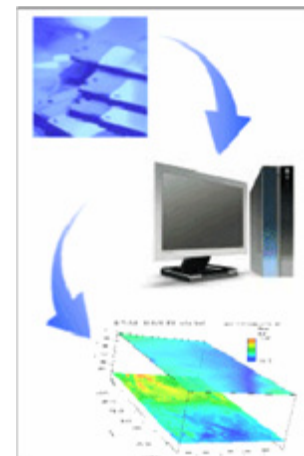




Data Reformatting

- Customized reformatting of surface and upper-air data
- Develop dispersion modeling upper-air files (TD-6201)
- Develop dispersion modeling surface met files (CD-144)
- CALMET/CALPUFF file generation - SURF.DAT, UP.DAT, GEO.DAT, Ozone.DAT, PRECIP.DAT
- Site climatology, return period estimates using on-site data
- Database development from electronic records or from hardcopy using OCR technology
- Near real-time surface and upper-air data available
- Quality checks on raw data
- Missing data estimates
- Data interpolation and substitution based on EPA guidelines

Meteorological Solutions Inc. has a large up-to-date database of surface and upper-air data. This information can be easily accessed and reformatted to our clients specifications. These data can then be used to develop climatologies by the client or through MSI's climatology services.



Dispersion models require specifically formatted meteorological data for both surface and upper-air measurements. Meteorological Solutions Inc. performs quality assurances, data checks and fills missing data using data substitution techniques as outlined in the document, "Procedures for Substituting Values for Missing NWS Meteorological Data for Use in Regulatory Air Quality Models".



Data Reformatting

MSI's in-house software archives surface meteorological data on an hourly basis and upper-air data every 12 hours from the United States and international sites. This unique capability allows us to provide our clients with the most current meteorological data sets available anywhere.

In addition to data reformatting services our professionals can provide you with total remote data management capabilities. From our Salt Lake City office we can routinely interrogate and download your meteorological and air monitoring data, subject these data to a series of quality assurance checks, and quickly catch any system malfunctions. We have several in-house meteorologists and air quality specialists who will examine your data carefully to assure accuracy and completeness.

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](#)
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- [Total Storm Rainfall Estimates](#)
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