This information is available at https://www.eol.ucar.edu/field_projects/niwot07
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NIWOT07

In support of a NSF-supported project to investigate the use of sensor networks for biogeoscience research, NCAR and CU deployed additional equipment at the Univ. Colo. Flux Facility (CUFF) in the Univ. Colo. Mountain Research Station (MRS). Initial equipment setup started in Summer 2006, with the majority of measurements to be made in Spring/Summer 2007.

This was the first real deployment of the new NCAR/EOL TRAnsect Measurement (TRAM) system. Two TRAM transects currently are planned for this study. The first crosses Como Creek and a few other minor drainages from north to south. It is about 105~m each way along one line of 11 towers, with measurements at 1m above ground (low trunk space) one way and 5m above ground (middle of dense foliage) returning. This transect supports the study of nocturnal transport of CO2 by drainage flows.

The second transect will span the 150m distance between the CUFF main tower and the USGS tower to the West.

Como Creek Dataset

5 minute statistics from instrumentation at Como Creek are available in NetCDF form via the **Data Access**link. The instrumentation consisted of three 3-D sonic anemometers, a barometer, hygrothermometer and a 2-D anemometer, which were deployed from Oct 11, 2006 to Oct 19, 2007.

From 2006 to May 17, 2007 the 3-D sonic anemometers were nominally at 0.5, 1 and 2 meters above ground.

From Jul 1, 2007 to Oct 19 he 3-D sonic anemometers were nominally at 0.5, 1.5 and 2.5 meters above ground.

For both deployments, the ATI anemometers were pointing south and the **u** and **v** values, and their co-variances, have not been rotated from anemometer coordinates.

The wind directions from the 2-D anemometer, **Dir_1m** and **Dir_1_5m** are relative to true north.

Information on the ISFS NetCDF file format is available at https://www.eol.ucar.edu/content/isfs-netcdf-files.